# Wisconsin Department of Transportation

**Division of Transportation Systems Development**
Bureau of Project Development
4822 Madison Yards Way, 4th Floor South
Madison, WI 53705

Telephone: (608) 266-1631
Facsimile (FAX): (608) 266-8459

*May 16, 2018*

## NOTICE TO ALL CONTRACTORS:

**Proposal #02:**

**1030-11-72, WISC 2018 327**
**N-S Freeway, CTH K Int., Mainline and Ramps**
**IH-94**
**Racine County**

**1030-11-79, WISC 2018 328**
**N-S Freeway STH 20 to CTH K Mainline (North)**
**IH-94**
**Racine County**

**1030-11-80, WISC 20180 329**
**N-S Freeway, STH 20 to CTH K Mainline (South)**
**IH-94**
**Racine County**

**1030-25-79 WISC 2018 335**
**N-S Freeway, CTH K to CTH G Mainline**
**IH-94**
**Racine County**

## Letting of May 22, 2018

This is Addendum No. 01, which provides for the following:

**Special Provisions:**

| **Revised** Special Provisions | |
|---|---|
| Article No. | Description |
| 4 | Prosecution and Progress |
| 5 | Incentive/Disincentive for Interim Completion of Work, Item 108.3100.S |
| 6 | Lane Rental Fee Assessment |
| 7 | Traffic |
| 11 | Hauling Restrictions |
| 17 | Notice to Contractor - Airport Operating Restrictions |
| 26 | Contract Award and Execution - Awarding the Contract |
| 59 | Roadway Excavation |
| 75 | Concrete Masonry Structures |
| 83 | Storm Sewer |
| 117 | Roadway Embankment, Item SPV.0035.006 |
| 177 | Field Office Special, Item SPV.0135.002 |

| **Added** Special Provisions | |
|---|---|
| Article No. | Description |
| 192 | Program Partnering Meetings Monthly |

| | |
|---|---|
| 193 | Removing Cover Plates, Item 204.9060.S.004 |
| 194 | Catch Basins, Manholes, and Inlets |
| 195 | Relocating Temporary Vehicle Detector Assembly, Item SPV.0060.258 |

| **Deleted** Special Provisions | |
|---|---|
| Article No. | Description |
| 67 | Rubblizing |

## Schedule of Items:

| **Revised** Bid Item Quantities | | | | | |
|---|---|---|---|---|---|
| Bid Item | Item Description | Unit | Old Quantity | Revised Quantity | Proposal Total |
| 204.0100 | Removing Pavement **P** | SY | 252,117 | 38,341 | 290,458 |
| 204.0120 | Removing Asphaltic Surface Milling **P** | SY | 44,223 | -33,623 | 10,600 |
| 205.0100 | Excavation Common **P** | CY | 263,619 | -2,525 | 261,094 |
| 305.0125 | Base Aggregate Dense 1 ¼-Inch **P** | CY | 116,291 | -25,733 | 90,558 |
| 312.0115 | Select Crushed Material **P** | CY | 172,253 | 25,407 | 197,660 |
| 455.0605 | Tack Coat | Gal | 6,850 | 8 | 6,858 |
| 460.5223 | HMA Pavement 3 LT 58-28 S | Ton | 601 | 26 | 627 |
| 460.5224 | HMA Pavement 4 LT 58-28 S | Ton | 423 | 18 | 441 |
| 465.0125 | Asphaltic Surface Temporary | Ton | 15,024 | 30 | 15,054 |
| 465.0310 | Asphaltic Curb | LF | 135 | 110 | 245 |
| 506.0600 | Bar Steel Reinforcement HS Coated Structures | LF | 1,187,080 | 2,220 | 1,189,300 |
| 511.1200.010 | Temporary Shoring B-51-136 | SF | 138 | 742 | 880 |
| 522.1012 | Apron Endwalls for Culvert Pipe Reinforced Concrete 12-inch | Each | 2 | 1 | 3 |
| 603.8000 | Concrete Barrier Temporary Precast Delivered | LF | 43,797 | 25 | 43,822 |
| 603.8125 | Concrete Barrier Temporary Precast Installed | LF | 144,526 | 65 | 144,591 |
| 608.0312 | Storm Sewer Pipe Reinforced Concrete Class III 12-inch | LF | 867 | 96 | 963 |
| 611.0420 | Reconstructing Manholes | Each | 35 | 1 | 36 |
| 614.0905 | Crash Cushions Temporary | Each | 35 | 4 | 39 |
| 625.0500 | Salvaged Topsoil | SY | 179,725 | 85 | 179,810 |
| 628.1504 | Silt Fence | LF | 8,948 | 40 | 8,988 |
| 628.1520 | Silt Fence Maintenance | LF | 8,948 | 40 | 8,988 |
| 628.2004 | Erosion Mat Class I Type B | SY | 144,887 | 85 | 144,972 |
| 628.7570 | Rock Bags | Each | 973 | 20 | 993 |
| 633.5200 | Markers Culvert End | Each | 41 | 1 | 42 |
| 635.0200 | Sign Supports Structural Steel HS | LB | 13,400 | 200 | 13,600 |
| 636.0100 | Sign Supports Concrete Masonry **P** | CY | 83 | 0.2 | 83.2 |
| 636.0500 | Sign Supports Steel Reinforcement **P** | LB | 1,360 | 2 | 1,362 |
| 637.1220 | Signs Type I Reflective Type SH | SF | 1,892.5 | 115 | 2,007.5 |
| 638.2101 | Moving Signs Type I | Each | 11 | -1 | 10 |
| 638.2601 | Removing Signs Type I | Each | 8 | 1 | 9 |
| 643.0300 | Traffic Control Drums | Days | 391,621 | 9,135 | 400,756 |
| 643.0420 | Traffic Control Barricades Type III | Days | 62,931 | 50 | 62,981 |
| 643.0705 | Traffic Control Warning Lights Type A | Days | 118,188 | 930 | 119,118 |
| 643.0715 | Traffic Control Warning Lights Type C | Days | 67,811 | 1,975 | 69,786 |

| | | | | | |
|---|---|---|---|---|---|
| 643.0800 | Traffic Control Arrow Boards | Days | 1,528 | 25 | 1,553 |
| 643.0900 | Traffic Control Signs | Days | 503,134 | -92,520 | 410,614 |
| 643.0910 | Traffic Control Covering Signs Type I | Each | 52 | 8 | 60 |
| 643.0920 | Traffic Control Covering Signs Type II | Each | 184 | 23 | 207 |
| 643.1050 | Traffic Control Signs PCMS | Days | 5,380 | 180 | 5,560 |
| 646.1020 | Marking Line Epoxy 4-inch **P** | LF | 6,136 | 72 | 6,208 |
| 646.9000 | Marking Removal Line 4-Inch | LF | 31,570 | 655 | 32,225 |
| 646.9010 | Marking Removal Line Waterblasting 4-Inch | LF | 85,079 | 400 | 85,479 |
| 646.9110 | Marking Removal Line Waterblasting 8-Inch | LF | 10,344 | 175 | 10,519 |
| 649.0150 | Temporary Marking Line Removable Tape 4-Inch | LF | 73,225 | 6,300 | 79,525 |
| 649.0220 | Temporary Marking Line Epoxy 8-Inch | LF | 4,566 | -70 | 4,496 |
| 649.0250 | Temporary Marking Line Removable Tape 8-Inch | LF | 8,754 | 220 | 8,974 |
| 649.0820 | Temporary Marking Line Stop Line 18-Inch | LF | 40 | 72 | 112 |
| 690.0150 | Sawing Asphalt | LF | 2,337 | 68 | 2,405 |
| 690.0250 | Sawing Concrete | LF | 47,883 | -6,680 | 41,203 |
| SPV.0035.006 | Roadway Embankment **P** | CY | 289,510 | 4,420 | 293,930 |
| SPV.0035.008 | EBS Excavation | CY | 73,577 | 937 | 74,514 |
| SPV.0035.009 | EBS Backfill | CY | 73,577 | 937 | 74,514 |
| SPV.0085.002 | Seeding Mix No. 30 Special | LB | 9,032 | 4 | 9,036 |
| SPV.0195.006 | Select Subbase | Ton | 1,704 | 78 | 1,782 |
| SPV.0195.011 | Soil Drying Treatment | Ton | 3,657 | 10 | 3,667 |
| SPV.0195.012 | Subgrade Strengthening Treatment | Ton | 2,330 | 20 | 2,350 |

| **Added** Bid Item Quantities | | | | | |
|---|---|---|---|---|---|
| Bid Item | Item Description | Unit | Old Quantity | Revised Quantity | Proposal Total |
| 204.9060.S.004 | Removing Cover Plates | Each | 0 | 34 | 34 |
| SPV.0060.258 | Relocating Temporary Vehicle Detector Assembly | Each | 0 | 1 | 1 |

| **Deleted** Bid Item Quantities | | | | | |
|---|---|---|---|---|---|
| Bid Item | Item Description | Unit | Old Quantity | Revised Quantity | Proposal Total |
| 204.9165.S | Removing Shoring | SF | 1,000 | -1,000 | 0 |
| 335.0100 | Rubblizing **P** | SY | 33,600 | -33,600 | 0 |
| 641.8100.001 | Overhead Sign Support S-51-223 @ STA 950+75 | LS | 1 | -1 | 0 |

## Plan Sheets:

| **(ID 1030-11-72) Revised** Plan Sheets | |
|---|---|
| Plan Sheet | Plan Sheet Title (brief description of changes to sheet) |
| 8, 12 | Typical Sections (Removed rubblizing, revised stationing on typicals) |
| 49 | Construction detail (Revised Detail) |
| 170-171 | Staging Overviews (Revised stages) |
| 177 | Traffic Control (removed section of barrier and added crash cushion) |
| 180, 184 | Traffic Control (Revised notes for change in staging) |

| | |
|---|---|
| 185-190 | Traffic Control Typical Section (Revised title block for stage 4A-E) |
| 198 | Traffic Control (Revised notes for change in staging) |
| 206-220 | Traffic Control (Revised stages) |
| 222-223 | Detour (Revised for change in staging) |
| 225-226 | Detour (Revised for change in staging) |
| 228-233 | Detour (Revised for change in staging) |
| 261 | Miscellaneous Quantities (Removed rubblizing bid item, adjusted removing asphalt surface milling on this table) |
| 264 | Miscellaneous Quantities (Revised due to removing rubblizing bid item) |
| 265 | Miscellaneous Quantities (Revised for change in staging) |
| 267 | Miscellaneous Quantities (Revised for change in staging) |
| 281 | Miscellaneous Quantities (Revised for change in staging) |
| 293-296 | Miscellaneous Quantities (Revised for change in staging) |
| 330 | Plan and Profile (Added stage 4A temporary pavement) |
| 542 | Structure B-51-136 Temporary Shoring (Revised for change in staging) |
| 544 | Structure B-51-136 Quantities (Revised quantities) |
| 555-556 | Structure B-51-136 Rebar revision(Revised column tie spacing) |
| 576 | Structure B-51-137 Quantities (Revised quantities) |
| 587-588 | Structure B-51-137 Rebar revision(Revised column tie spacing) |
| 596 | Structure B-51-137 Const.Jt. location ( Revised to create space for temporary shoring) |
| 599-600 | Structure B-51-137 Const.Jt. location ( Revised to create space for temporary shoring) |
| 616-617 | Earthwork (Revised based on removing rubblizing bid item (Sta 1039+00 to STA 1054+80)) |
| 621-622 | Earthwork (Revised based on removing rubblizing bid item (Sta 1039+00 to STA 1054+80)) |
| 624-625 | Earthwork (Revised based on removing rubblizing bid item (Sta 1039+00 to STA 1054+80)) |
| 627 | Earthwork (Revised) |
| 629-630 | Earthwork (Revised based on removing rubblizing bid item (Sta 1039+00 to STA 1054+80)) |
| 651-673 | Cross Sections (Revised based on removing rubblizing bid item (Sta 1039+00 to STA 1054+80)) |
| 742 | Cross Sections (Revised) |
| | |

| **(ID 1030-11-79) Revised** Plan Sheets | |
|---|---|
| Plan Sheet | Plan Sheet Title (brief description of changes to sheet) |
| 92 | Proposed traffic control Stage 2, added temp crash cushion |
| 99 | Proposed traffic control Stage 3, updated to show existing crash cushion placed in Stage 2 |
| 243 | Miscellaneous Quantities, updated temporary barrier table |
| 287-308C | Structure B-51-134 (outdated plan set inadvertently added in advertised plan set) |

| **(ID 1030-11-80) Revised** Plan Sheets | |
|---|---|
| Plan Sheet | Plan Sheet Title (brief description of changes to sheet) |
| 9 | Typical section sheet, moved median dropdown to this sheet, following sheet was removed |
| 48 | Removal sheet, removed rubblizing item, modified removing pavement locations |
| 49 | Removal sheet, removed rubblizing item, modified removing pavement locations |
| 113 | Permanent Signing, updated sign |
| 114 | Permanent Signing, updated sign |
| 131 | Traffic Control Stage 2 |
| 134 | Traffic Control Stage 2 |
| 140 | Traffic Control Stage 3 |
| 144 | Traffic Control Stage 3 |
| 187 | Miscellaneous Quantity sheet, updated table for removing pavement items |
| 188 | Miscellaneous Quantity sheet, added table for removing cover plates |

| | |
|---|---|
| 190 | Miscellaneous Quantity sheet, updated earthwork to account for removing rubblizing areas |
| 191 | Miscellaneous Quantity sheet, updated base aggregate table to account for removing rubblizing areas |
| 193 | Miscellaneous Quantity sheet, updated temporary barrier table |
| 194 | Miscellaneous Quantity sheet, added table for East Frontage Rd pipe work |
| 203 | Miscellaneous Quantity sheet, updated sawing concrete item quantity |
| 219 | Miscellaneous Quantity sheet, updated permanent signing quantities |
| 220 | Miscellaneous Quantity sheet, updated permanent signing quantities |
| 352 | Miscellaneous Quantity sheet, added sign detail |
| 494-495 | Earthwork data sheets, Stage 2 IH 94 NB |
| 497-498 | Earthwork data sheets, Stage 3 IH 94 NB & SB |
| 500-501 | Earthwork data sheets, Stage 4 IH NB SB |
| 545-555 | Cross section sheets, IH 94 NB, removed rubblizing and updated layer thicknesses |
| 600-610 | Cross section sheets, IH 94 SB, removed rubblizing and updated layer thicknesses |

| **(ID 1030-25-79) Revised** Plan Sheets | |
|---|---|
| Plan Sheet | Plan Sheet Title (brief description of changes to sheet) |
| 31 | Overlapping text on signs was corrected. |
| 101-139 | Replotted entire traffic control plans because ad plan was not current |
| 154 | MQ table added for Removing Cover Plates |
| 339-350 | Earthwork Data Tables |
| 351-384 | Cross section sheets, IH 94 SB, removed rubblizing and updated layer thicknesses |

| **(ID 1030-11-72) Added** Plan Sheets | |
|---|---|
| Plan Sheet | Plan Sheet Title (brief description of why sheet was added) |
| 56A | Construction detail for monolithic concrete shimming |
| 220A-H | Traffic Control – Added stages |
| 466A | Temporary Signing Detail (Added new signs) |

| **(ID 1030-11-79) Added** Plan Sheets | |
|---|---|
| Plan Sheet | Plan Sheet Title (brief description of why sheet was added) |
| 36A | Construction detail for monolithic concrete shimming |

| **(ID 1030-11-80) Added** Plan Sheets | |
|---|---|
| Plan Sheet | Plan Sheet Title (brief description of why sheet was added) |
| 43A | Construction detail for monolithic concrete shimming |
| 235A | Plan & profile sheet for drainage work on East Frontage Rd |
| 621A | Cross section sheet for drainage work on East Frontage Rd |

| **(ID 1030-25-79) Added** Plan Sheets | |
|---|---|
| Plan Sheet | Plan Sheet Title (brief description of why sheet was added) |
| 41A | Construction detail for monolithic concrete shimming |

| **(ID 1030-11-72) Deleted** Plan Sheets | |
|---|---|
| Plan Sheet | Plan Sheet Title (brief description of changes to sheet) |
| 9, 13 | Typical Sections (Removed rubblizing, combined with other typicals) |

| **(ID 1030-11-80) Deleted** Plan Sheets | |
|---|---|
| Plan Sheet | Plan Sheet Title (brief description of changes to sheet) |
| 10 | Typical section sheet, removed rubblizing item |

| **(ID 1030-25-79) Deleted** Plan Sheets | |
|---|---|
| Plan Sheet | Plan Sheet Title (brief description of changes to sheet) |
| 9 | Typical section sheet, removed rubblizing item |

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

*Mike Coleman*

Proposal Development Specialist
Proposal Management Section

**ADDENDUM NO. 01**

**PROJECT ID 1030-11-72/79/80, 1030-25-79**

**May 16, 2018**

**Special Provisions**

**4. Prosecution and Progress.**

*Add the following before the section titled* **A Schedule of Operations***:*

Anticipate frozen grade/subgrade. Rework, heat, blanket, cover, compact, remove/replace such that the grade/subgrade is not frozen prior to constructing and backfilling storm sewer and culvert pipes. Technique to mitigate frozen grade/subgrade shall be approved by the engineer. Cost to mitigate frozen grade/subgrade is considered incidental to the applicable items of work.

*Replace the paragraph three of the section titled* **All Projects (1030-11-72/79/80, 1030-25-79)** *with the following:*

Coordinate traffic control and work operations with IH 94 STH 142 to STH 20 contract to south, IH 94 CTH G to College Ave contract to north, as well as other projects listed under the article Other Contracts. Coordinate traffic control change from Stage 2 to Stage 3 with traffic control change from Stage 2 to Stage 3 for contract 1030-23-72, IH 94 STH 142 to STH 20. Coordinate traffic control change from Stage 3 to Stage 4 to be at same time as traffic control change from Stage 3 to Stage 4 for contract 1030-23-72, IH 94 STH 142 to STH 20. Coordinate traffic control change from Stage 4 to Stage 5 to be at same time as traffic control change from Stage 4 to Stage 5 for contract 1030-23-72, IH 94 STH 142 to STH 20.

*Replace the entire subsection titled* **Stage 2** *under section titled* **All Projects (1030-11-72/79/80, 1030-25-79)** *with the following:*

**Stage 2** activities shall include construction of:

- IH 94 northbound three outside lanes and outside shoulder

Shift two lanes of IH 94 northbound traffic onto the inside shoulder and the inside lane of the IH 94 southbound roadway. Keep IH 94 open to two travel lanes in each direction on the southbound lanes.

On the outside shoulder of IH 94 southbound, remove sections of existing concrete barrier and concrete barrier temporary precast, and replace with concrete barrier with scuppers and temporary crash cushions, as shown in the plans, within 21 calendar days of the start of work operations under the contract. Night time single lane closure will be allowed to perform this work.

*Replace the entire subsection titled* **Stage 2** *under section titled* **Project 1030-11-80** *with the following:*

**Stage 2** activities shall include construction of:

- Removal of B-51-26 over Kraut Road
- Bridge B-51-133 over Kraut Road
- Retaining Walls R-51-55 and R-51-56 at Kraut Road

Close Kraut Road to all traffic under IH 94 structures.

After September 4, 2018 and prior to December 21, 2018, construct the storm sewer pipe under the East Frontage Road at Station 5904+59 to 5904+95. For constructing this storm sewer pipe, including all operations through placing new pavement, the following closure will be permitted: IH 94 East Frontage Road between STH 20 and CTH K may be closed to through traffic for one weekend closure from Friday 9:30 PM to Monday 5:30 AM.

*Replace the entire section titled* **Project 1030-11-72** *with the following:*

**Project 1030-11-72:**

When CTH K is closed to traffic, keep Golf Road open to traffic. Provide one month advance notice to the engineer prior to each closure of CTH K.

**Stage 2 Mainline** activities shall include construction of:

- Remove Structure B-51-30
- Partially Construct Structure B-51-137, as shown in the plans
- Construct IH 94 northbound
- Construct IH 94 northbound ramps at CTH K

**CTH K Stage 2A** activities shall include construction of:

- Construct CTH K from 44+30 to 47+75
- Construct temporary connection

IH 94 southbound ramps at CTH K are open to traffic. Close the IH 94 northbound ramps at CTH K to traffic. Detour northbound exit ramp traffic to STH 20 and utilize the West Frontage Road for CTH K West and the East Frontage Road for CTH K East. Detour northbound entrance ramp traffic to CTH G utilizing the East and West Frontage Roads. Close CTH K to traffic between the East Frontage Road and IH 94 northbound ramp terminal. Detour CTH K traffic utilizing the East Frontage Road, CTH G, and West Frontage Road. Reopen CTH K to traffic upon completion of the B-51-137 substructure, installation of prestressed girders and precast deck panels and CTH K roadway restoration.

**CTH K Stage 2B** activities shall include construction of:

- No construction on CTH K

Keep IH 94 open to two-way traffic (two travel lanes in each direction) on the southbound lanes at all times. IH 94 southbound ramps at CTH K are open to traffic. Close the IH 94 northbound ramps at CTH K to traffic. Detour northbound exit ramp traffic to STH 20 and utilize the West Frontage Road for CTH K West and the East Frontage Road for CTH K East. Detour northbound entrance ramp traffic to CTH G utilizing the East and West Frontage Roads. CTH K open to traffic.

**Stage 3 Mainline** activities shall include construction of:

- Construct remaining IH 94 northbound
- Remove a portion of Structure B-51-29
- Construct remaining Structure B-51-137, as shown in the plans

Construct storm sewer outfalls under IH 94 Southbound at Sta 1026+00 LT, 1029+00 LT, 1032+00 LT, 1068+00 LT, 1076+25 LT, 1086+00 LT, and 1089+00 LT using Night Time lane closures, keeping a minimum of one southbound lane open to traffic during the Night Time closures.

**CTH K Stage 3A** activities shall include construction of:

- No construction on CTH K

IH 94 northbound and southbound and ramps at CTH K are open to traffic. CTH K open to traffic.

Remove a portion of Structure B-51-29 using Night Time lane closures, opening CTH K to through traffic each day.

**CTH K Stage 3B** activities shall include construction of:

- No construction on CTH K

IH 94 northbound and southbound ramps at CTH K are open to traffic. Close CTH K to traffic between the ramp terminals at IH 94. Detour CTH K traffic utilizing the East Frontage Road, CTH G, and West Frontage Road.

**Stage 4 Mainline** activities shall include construction of:

- Remove Structure B-51-29
- Install temporary shoring for pier construction
- Construct Structure B-51-136
- Construct IH 94 southbound
- Construct IH 94 southbound ramps at CTH K

**CTH K Stage 4A** activities shall include construction of:

- Construct temporary connection
- Install temporary shoring for pier construction

IH 94 southbound ramps at CTH K are closed to traffic. Detour southbound exit ramp traffic to CTH G and utilize the West Frontage Road for CTH K West and the East Frontage Road for CTH K East. Detour southbound entrance ramp traffic to STH 20 utilizing the East and West Frontage Roads. Close CTH K to traffic between the West Frontage Road and IH 94 southbound ramp terminal. Detour CTH K traffic utilizing the East Frontage Road, CTH G, and West Frontage Road. Reopen CTH K to traffic upon completion of the temporary connection, and installation of temporary shoring.

**CTH K Stage 4B** activities shall include construction of:

- Construct CTH K WB lanes from Station 37+00 to Station 44+30

IH 94 southbound ramps at CTH K are closed to traffic. Detour southbound exit ramp traffic to CTH G and utilize the West Frontage Road for CTH K West and the East Frontage Road for CTH K East. Detour southbound entrance ramp traffic to STH 20 utilizing the East and West Frontage Roads. CTH K is open to traffic.

**CTH K Stage 4C** activities shall include construction of:

- Construct CTH K EB lanes from Station 37+00 to Station 44+30

IH 94 southbound ramps at CTH K are closed to traffic. Detour southbound exit ramp traffic to CTH G and utilize the West Frontage Road for CTH K West and the East Frontage Road for CTH K East. Detour southbound entrance ramp traffic to STH 20 utilizing the East and West Frontage Roads. CTH K is open to traffic.

**CTH K Stage 4D** activities shall include construction of:

- Construct CTH K median from Station 37+00 to Station 47+75
- Overhead sign support
- Complete permanent pavement markings

IH 94 southbound ramps at CTH K are closed to traffic. Detour southbound exit ramp traffic to CTH G and utilize the West Frontage Road for CTH K West and the East Frontage Road for CTH K East. Detour southbound entrance ramp traffic to STH 20 utilizing the East and West Frontage Roads. CTH K is open to traffic.

**CTH K Stage 4E** activities shall include construction of:

- No construction on CTH K

IH 94 southbound ramps at CTH K are closed to traffic. Detour southbound exit ramp traffic to CTH G and utilize the West Frontage Road for CTH K West and the East Frontage Road for CTH K East. Detour southbound entrance ramp traffic to STH 20 utilizing the East and West Frontage Roads. Close CTH K to traffic between the West Frontage Road and IH 94 southbound ramp terminal. Detour CTH K traffic utilizing the East Frontage Road, CTH G, and West Frontage Road. Reopen CTH K to traffic upon completion of the B-51-136 Superstructure.

*Replace the entire section titled* **Interim Completion: Completion of Stage 2 - CTH K** *with the following:*

**Interim Completion: Completion of Stage 2 - CTH K**

Do not close CTH K until July 9th, 2018. If the contractor fails to complete the work necessary on project 1030-11-72 to reopen CTH K to traffic within 49 calendar days, the department will assess the contractor $2,000 in interim liquidated damages in each direction for each calendar day the contract work remains incomplete beyond 49 calendar days. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

If contract time expires prior to completing all work specified in the contract, additional liquidated damages will be assessed as specified in this contract.

*Replace the entire section titled* **Interim Completion: Completion of Stage 2** *with the following:*

**Interim Completion: Completion of Stage 2**

If the contractor fails to complete all work on projects 1030-11-72, 1030-11-79, 1030-11-80, and 1030-25-79 necessary to reopen IH 94 to three lanes of traffic in each direction as shown on the Stage 3 traffic control plans, including asphaltic surface wedge, placement of concrete barrier temporary precast, and marking lines and signage, and reopen freeway ramps as shown on the Stage 3 traffic control plans, prior to 12:01 AM December 21, 2018, the department will assess the contractor $40,000.00 in interim liquidated damages for each calendar day contract work remains incomplete beyond 12:01 AM December 21, 2018. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

If contract time expires prior to completing all work specified in the contract, additional liquidated damages will be assessed as specified in this contract.

*Replace the entire section titled* **Interim Completion: Completion of Stage 3 - CTH K** *with the following:*

**Interim Completion: Completion of Stage 3 - CTH K**

Do not close CTH K until February 19, 2019. If the contractor fails to complete the work necessary on project 1030-11-72 to reopen CTH K to traffic within 40 calendar days, the department will assess the contractor $2,000 in interim liquidated damages in each direction for each calendar day the contract work remains incomplete beyond 40 calendar days. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

If contract time expires prior to completing all work specified in the contract, additional liquidated damages will be assessed as specified in this contract.

*Replace the entire section titled* **Interim Completion: Completion of Stage 4 - CTH K** *with the following:*

**Interim Completion: Completion of Stage 4 - CTH K**

If the contractor fails to complete the work necessary (removal of structure B-51-29) on project 1030-11-72 to reopen CTH K to traffic within 10 calendar days from the start of stage 4, the department will assess the contractor $2,000 in interim liquidated damages in each direction for each calendar day the contract work remains incomplete beyond 10 calendar days. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

Do not close CTH K until July 8th, 2019. If the contractor fails to complete the work (B-51-136 Superstructure) necessary on project 1030-11-72 to reopen CTH K to traffic within 7 calendar days, the department will assess the contractor $2,000 in interim liquidated damages in each direction for each calendar day the contract work remains incomplete beyond 7 calendar days. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

If contract time expires prior to completing all work specified in the contract, additional liquidated damages will be assessed as specified in this contract.

## 5. Incentive/Disincentive for Interim Completion of Work, Item 108.3100.S.

*Replace paragraph two of the section titled* **A General** *with the following:*

The contractor shall complete all work on projects 1030-11-72, 1030-11-79, 1030-11-80, and 1030-25-79 necessary to reopen IH 94 to three lanes of traffic in each direction as shown on the Stage 3 traffic control plans, including asphaltic surface wedge, placement of concrete barrier temporary precast, and marking lines and signage, and reopen freeway ramps as shown on the Stage 3 traffic control plans, on this contract prior to 5:00 AM December 21, 2018.

*Replace the entire section titled* **B Incentive Payment** *with the following:*

The contractor shall be entitled to an incentive payment for completion of all work on projects 1030-11-72, 1030-11-79, 1030-11-80, and 1030-25-79 necessary to reopen IH 94 to three lanes of traffic in each direction as shown on the Stage 3 traffic control plans, including asphaltic surface wedge, placement of concrete barrier temporary precast, and marking lines and signage, and reopen freeway ramps as shown on the Stage 3 traffic control plans, on this contract prior to 5:00 AM, December 21, 2018.

The incentive payment will be paid at the rate of $25,000 per calendar day, of completion prior to 5:00 AM December 21, 2018. The maximum amount of incentive payment cannot exceed $500,000.

*Replace paragraph one of the section titled* **C Disincentive Pay Reduction** *with the following:*

Should the contractor fail to complete all work on projects 1030-11-72, 1030-11-79, 1030-11-80, and 1030-25-79 necessary to reopen IH 94 to three lanes of traffic in each direction as shown on the Stage 3 traffic control plans, including asphaltic surface wedge, placement of concrete barrier temporary precast, and marking lines and signage, and reopen freeway ramps as shown on the Stage 3 traffic control plans, under this contract prior to 12:01 AM, December 21, 2018, the contractor shall be liable to the department for a pay reduction in the amount of $25,000 per calendar day for each calendar day after 12:01 AM, December 21, 2018 that work remains incomplete. An entire calendar day will be assessed for any period of time within a calendar day that the work remains incomplete beyond 12:01 AM. The maximum amount of pay reduction cannot exceed $500,000.

## 6. Lane Rental Fee Assessment.

*Add the following to the list of Lane Rental Fee Assessments:*

Frontage Road Closure - ID 1030-11-80

- $500 per day

## 7. Traffic.

*Add the following after the section titled* **Contractor Coordination***:*

**Pre-Planning Meetings**

Attend pre-planning meetings with the Department seven calendar days in advance of the following operations, to coordinate work operations and traffic operations: bridge demolition, girder placement, deck pours, and traffic switches.

*Add the following after paragraph one under the section titled* **Full Freeway Closures***:*

If full freeway closures are required, the Department will pay for full freeway closures under the item Traffic Control Interim Lane Closure IH 94, Item 643.4100.S.001, based on the applicable number of lanes closed.

*Replace the entire subsection titled* **Stage 2** *under section titled* **All Projects (1030-11-72/79/80, 1030-25-79)** *with the following:*

**Stage 2**

Shift two lanes of IH 94 northbound traffic onto the inside shoulder and the inside lane of the IH 94 southbound roadway. Keep IH 94 open to two travel lanes in each direction on the southbound lanes.

Use night time single lane closures on IH 94 southbound to remove sections of existing concrete barrier and concrete barrier temporary precast, and replace with concrete barrier with scuppers and temporary crash cushions, as shown in the plans on the IH 94 southbound outside shoulder.

*Replace the entire section titled* **Project 1030-11-72** *with the following:*

**Project 1030-11-72:**

When CTH K is closed to traffic, keep Golf Road open to traffic.

**Stage 2 Mainline and CTH K Stage 2A**

IH 94 southbound ramps at CTH K are open to traffic. Close the IH 94 northbound ramps at CTH K to traffic. Detour northbound exit ramp traffic to STH 20 and utilize the West Frontage Road for CTH K West and the East Frontage Road for CTH K East. Detour northbound entrance ramp traffic to CTH G utilizing the East and West Frontage Roads. Close CTH K to traffic between the East Frontage Road and IH 94 northbound ramp terminal. Detour CTH K traffic utilizing the East Frontage Road, CTH G, and West Frontage Road. Reopen CTH K to traffic upon completion of the B-51-137 substructure, installation of prestressed girders and precast deck panels and CTH K roadway restoration.

**CTH K Stage 2B**

Keep IH 94 open to two-way traffic (two travel lanes in each direction) on the southbound lanes at all times. IH 94 southbound ramps at CTH K are open to traffic. Close the IH 94 northbound ramps at CTH K to traffic. Detour northbound exit ramp traffic to STH 20 and utilize the West Frontage Road for CTH K West and the East Frontage Road for CTH K East. Detour northbound entrance ramp traffic to CTH G utilizing the East and West Frontage Roads. CTH K open to traffic.

**Stage 3 Mainline and CTH K Stage 3A**

IH 94 northbound and southbound ramps at CTH K are open to traffic. CTH K open to traffic.

**CTH K Stage 3B**

IH 94 northbound and southbound ramps at CTH K are open to traffic. Close CTH K to traffic between the ramp terminals at IH 94. Detour CTH K traffic utilizing the East Frontage Road, CTH G, and West Frontage Road.

**Stage 4 Mainline and CTH K Stage 4A**

IH 94 southbound ramps at CTH K are closed to traffic. Detour southbound exit ramp traffic to CTH G and utilize the West Frontage Road for CTH K West and the East Frontage Road for CTH K East. Detour southbound entrance ramp traffic to STH 20 utilizing the East and West Frontage Roads. Close CTH K to traffic between the West Frontage Road and IH 94 southbound ramp terminal. Detour CTH K traffic utilizing the East Frontage Road, CTH G, and West Frontage Road. Reopen CTH K to traffic upon completion of the temporary connection, temporary shoring for pier.

**CTH K Stage 4B, 4C, 4D**

IH 94 southbound ramps at CTH K are closed to traffic. Detour southbound exit ramp traffic to CTH G and utilize the West Frontage Road for CTH K West and the East Frontage Road for CTH K East. Detour southbound entrance ramp traffic to STH 20 utilizing the East and West Frontage Roads. CTH K is open to traffic.

**CTH K Stage 4E**

IH 94 southbound ramps at CTH K are closed to traffic. Detour southbound exit ramp traffic to CTH G and utilize the West Frontage Road for CTH K West and the East Frontage Road for CTH K East. Detour southbound entrance ramp traffic to STH 20 utilizing the East and West Frontage Roads. Close CTH K to traffic between the West Frontage Road and IH 94 southbound ramp terminal. Detour CTH K traffic utilizing the East Frontage Road, CTH G, and West Frontage Road. Reopen CTH K to traffic upon completion of the B-51-136 Superstructure.

*Replace the entire subsection titled* **Stage 2** *under the section titled* **Project 1030-11-80** *with the following:*

**Stage 2**

Close Kraut Road to all traffic under IH 94 structures.

For constructing the storm sewer pipe under the East Frontage Road at Station 5904+59 to 5904+95, including all operations through placing new pavement, the following closure will be permitted: IH 94 East Frontage Road between STH 20 and CTH K may be closed to through traffic for one weekend closure from Friday 9:30 PM to Monday 5:30 AM, after September 4, 2018 and prior to December 21, 2018.

## 11. Hauling Restrictions.

*Replace entire article language with the following:*

*Replace standard spec 107.2 with the following:*

Submit to the engineer, five business days before proposed hauling, a proposed haul route plan detailing haul routes that are not part of the state trunk highway system. Include the months, days of the week, time of day, number of trucks, types of trucks and maximum loads of trucks anticipated to accomplish the project work in the haul route submittal.

The department will review the submittal and either approve or provide a letter with comments and proposed revisions to the contractor within five business days of its receipt. If approved, the department will subsequently survey the existing condition of that haul route to establish a baseline for assessing damage that the contractor's hauling operations might cause.

At all times, conduct operations in a manner that will cause a minimum of disruption to traffic on existing roadways.

~~sef 107.015 (20170310)~~

## 17. Notice to Contractor – Airport Operating Restrictions.

*Replace entire article language with the following:*

The Federal Aviation Administration (FAA) has height restrictions surrounding select airports. The department is obtaining Temporary Determination of No Hazard to Air Navigation for all temporary structure (i.e. crane) erections associated with bridge, retaining wall, sign structure, and light pole construction for the project. Copies of the Determinations can be obtained on the Department's website at ftp://ftp.dot.wi.gov/dtsd/hcci/projectdocuments/20180522002/.

The Determinations include conditions such as red obstruction lights and orange/white checkered flags on cranes, as well as partially or fully lowering cranes when not in use and during the hours between sunset and sunrise.

Notify the manager of the applicable airport at least 3 business days prior to the temporary structure being erected and again when the structure is removed from the site. Contact the airport owner to disseminate a Notice to Airmen (NOTAM) when cranes are in use and construction is occurring.

Include dust control provisions near airports in the Dust Control Implementation Plan.

Any failure or malfunction that lasts more than 30 minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

Any height exceeding the above ground level (AGL) or above mean sea level (AMSL) in the Determinations will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

The Determinations will expire unless extended, revised or terminated by the issuing office. Contractor must request an extension of the effective period of the determination to be postmarked or delivered by the contractor at least 30 days prior to the expiration date to:

Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

For questions on the determinations, contact the FAA office at (847) 294-7575 or vivian.vilaro@faa.gov and reference the Aeronautical Study Number.

Any changes in coordinates and/or heights will void the Determinations. Any future construction or alteration, including increase to heights, requires separate notice to the FAA.

Determinations include temporary construction equipment such as cranes, derricks, and other equipment, which may be used during actual construction of a structure. Equipment shall not exceed the overall heights as indicated above. Contractor must request separate notice to the FAA if equipment has a height greater than the studied structure.

For Determinations which require that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed, the contractor shall perform the e-filing.

Contractor must copy the engineer on any correspondence with the FAA as it relates to time extensions and new/revised Determinations.

A Determination concerns the effect of temporary structures on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

If drainage or pond designs need to be modified in the field, contact WisDOT Bureau of Aeronautics (Levi Eastlick, Levi.Eastlick@dot.wi.gov, (608) 267-5018 or Matt Malicki, Matthew.Malicki@dot.wi.gov, (608) 267-5273, to obtain input on minimizing wildlife attractants for the modified designs.

## 26. Contract Award and Execution - Awarding the Contract

*Replace entire article language with the following:*

*Replace standard spec 103.2(3) with the following:*

If the department does not make an award within 45 calendar days after opening the proposals, the lowest responsible bidder, after those 45 days, may request, in writing, that the department make the award. Stipulate a deadline of 10 business days or more, after the date of the request, for the department to make the award. If the department does not make the award within the stipulated time, the bidder is relieved of its obligation to execute a contract and contract bond.

## 59. Roadway Excavation.

*Replace entire article language with the following:*

*Add the following to standard spec 205.5.2(1):*
Provide the department with an earth flow diagram within 15 calendar days of receiving the contract Notice to Proceed.

Identify all excavation required for the project, all sources of roadway embankment fill including offsite material, shrinkage and swell factors, proposed stockpile material, structure excavation (if used in embankments), waste, and fills anticipated to be treated with a soil drying agent. Provide start and finish dates for each grading area within the division. These dates should correspond to the dates shown on the project schedule.

Provide earth flow diagram updates to the engineer for sequencing and source changes.

*Add the following to standard spec 205.5.2(2):*
The department will not pay EBS to remove frost from embankments or cut sections, unless directed by the engineer. It is the contractor's responsibility to stage construction so that exposed subgrades do not freeze or to provide adequate frost protection. Any work necessary to remove and replace frozen materials from newly constructed embankments or exposed cut sections is considered incidental to the excavation bid items.

## 67. Deleted.

## 75. Concrete Masonry Structures.

*Replace subsection 501.3.11 Slip Forming with the following:*

**501.3.11 Slip Forming**

Do not place concrete by the slip-form method for any item covered by this special provision, except the Department will allow MSE wall anchor slabs to be slip formed.

## 83. Storm Sewer.

*Replace entire article language with the following:*

*Supplement standard spec 204.5.1 with the following:*

QMP sampling, testing and documentation if applicable is incidental to removing storm sewer bid item and no separate payment will be made.

*Supplement standard spec 608.2 with the following:*

Two weeks prior to start of storm sewer construction, provide a shoring design and installation sequence for each location where shoring is to be used. Have a professional engineer, currently registered in the State of Wisconsin and knowledgeable of the specific site conditions and requirements, verify the adequacy of the design. Submit one electronic copy in portable document format of each shoring design, signed and sealed by the same professional engineer verifying the design, to the engineer for incorporation into the permanent project record.

*Supplement standard spec 608.3.1 with the following:*
(1) Incorporate excavated material in the work to practicable. Use materials with suitable engineering properties for embankment.
(2) Dispose of surplus or unsuitable material as specified in 205.3.12.

*Supplement standard spec 608.3.3 with the following:*

Place rubber gasket joints over the spigot end or tongue of the entering pipe for all round storm sewer pipes horizontal and elliptical pipes with a rise less than or equal to 40-inches. Clean the gasket and the ends of the pipe from sand and gravel. If the gasket provided is neither factory

lubricated nor self-lubricating, lubricate the outside of the gasket and the inside of the bell or groove of the last pipe with an engineer - approved vegetable lubricant immediately before making the joint. Place the spigot or tongue of the pipe being laid with the gasket in place into the bell or groove end of the previously laid pipe. Set pipe carefully to line and grade, and push or jack home. The engineer may order the use of a jack or "come-along" if deemed necessary to ensure that the joints are completely tight.

For horizontal elliptical pipe rise greater than 40-inches use mastic joint compound. Where factory lubricated rubber gasket joints are not available, clean the ends of the pipe from sand and gravel. Place engineer-approved mastic joint sealer on both the spigot and bell ends of the pipe being laid. Apply additional mastic around each joint exterior and wrap each joint with Geotextile Fabric Type DF laid flat meeting requirements of standard spec 645. Wrap each joint so that the Geotextile Fabric overlaps each joint a distance of approximately ½ of the pipe diameter.

*Supplement 608.3.3(4) of the standard specifications with the following:*

For all storm sewer pipes connecting to storm sewer structures which are adjacent to MSE retaining walls, tie the 3 sections of storm sewer pipe adjacent to the storm sewer structure.

*Replace standard spec 608.5(2) with the following:*

Payment for the Storm Sewer Pipe bid items is full compensation for providing all materials, including all special Y's, mitered sections, elbows and connections required; for all submittals; for excavating and wasting excess material, except rock excavation; for providing rubber gaskets; Lubrication of rubber gaskets; mastic joint sealer; for supporting utilities in storm sewer trench; for shoring design, providing a signed and sealed copy of the design; for installation, monitoring, and removal of shoring; for forming foundation; for laying pipe; for sealing joints including Geotextile Fabric Type DF and making connections to new or existing features; for bedding material; for backfilling and granular backfill material; for QMP sampling, testing and documentation; for cleaning out; and absent the pertinent contract bid items, for restoring the work site.

## 117. Roadway Embankment, Item SPV.0035.006.

*Replace the section titled **B Materials** with the following:*

**B Materials**

**B.1 Embankment**

Furnish roadway embankment conforming with standard spec 207.2 except as follows:

*Supplement standard spec 207.2(1) with the following:*

If the contractor utilizes offsite material to construct embankments, the material shall conform to standard spec 208 except as follows:

- Delete standard spec 208.2.2(2).

## 177. Field Office Special.

*Replace the paragraph three under the section titled* **B Materials** *with the following:*

This field office shall be located within 1 mile of the project limits.

## 192. Program Partnering Meetings Monthly.

**A. Description**

The department will implement mandatory facilitated monthly program partnering meetings involving various stakeholders in and around the Foxconn development site corridor. The meetings will involve leadership staff from the following entities: contractor, department, adjacent site development, utilities, local officials, other state and local agencies and adjacent department contracts. The

meetings will occur monthly from project start until the contractor accepts the tentative final estimate. The department may invite other attendees if deemed appropriate.

This meeting is intended to facilitate cooperation and coordination of construction activities within and surrounding the Foxconn development site corridor. Meeting topics may include, but are not limited to:

- Schedule updates
- Hauling coordination
- Site development access
- Public/private project interface issues
- Utility progress
- Safety
- Local official concerns
- Public outreach
- Traffic management
- Environmental protection
- Workforce/Business Inclusion

All costs are incidental to the contract work.

## 193. Removing Cover Plates, Item 204.9060.S.004.

**A Description**
This special provision describes removing cover plates according to the pertinent provisions of standard spec 204 and as hereinafter provided.

**B (Vacant)**

**C (Vacant)**

**D Measurement**
The department will measure Removing Cover Plates by each individual cover plate, acceptably removed.

**E Payment**
*Supplement standard spec 204.5 to include the following:*

| ITEM NUMBER | DESCRIPTION | UNIT |
|---|---|---|
| 204.9060.S.004 | Removing Cover Plates | EACH |

## 194. Catch Basins, Manholes, and Inlets.

Submit shop drawings for all drainage structures. For structures where WisDOT standard detail drawings are not available, provide shop drawings prepared, verified and stamped by a professional engineer currently registered in the State of Wisconsin. Submit one electronic copy of shop drawings in portable document format for engineer's review two weeks before fabrication. Show clearly on shop drawings information for all pipe connections to the structure. The contractor is responsible for all errors of detailing and fabrication. The omission from the shop drawings of any pipe connection shall not relieve contractor of the responsibility of providing such materials, even though the shop drawings may have been reviewed and accepted by the engineer.

*Supplement standard spec 611.3.3 with the following:*

Use monolithic concrete shimming as the plan shows for final adjustment of drainage structures located within the freeway concrete pavement, concrete shoulders, concrete curb and gutter and concrete barrier wall. If the adjustment is less than 4-inches, the engineer may choose to direct the contractor to use grade rings for adjustments for storm sewer structures outside the freeway concrete pavement and at other non-freeway locations.

## 195. Relocating Temporary Vehicle Detector Assembly, Item SPV.0060.258.

### A Description

This special provision describes relocating an already installed temporary vehicle detector assembly, including removing it from the existing location and installing, calibrating, and integrating the assembly into the existing system at the new location.

### B Materials

Materials include materials previously furnished by the department and materials previously furnished by the contractor previously installed through other pay items in the contract.

These materials include the following:

- One or more Electronic Integrated Systems, Inc. (EIS) Remote Traffic Microwave Sensors (RTMS) and wireless modem.
- One or more solar power system consisting of 2-85W panels, 2-120 Amp-Hour batteries, a solar power controller, and one solar power cabinet to house the batteries and controller.
- One 40-foot type 4 or larger wood pole.
- Outdoor rated Power cable between solar power system output and state-furnished RTMS.
- Mounting hardware for solar power system and RTMS detector.

### C Construction

#### C.1 Removal

As directed by the engineer, remove the temporary vehicle detector assemblies from their respective locations in the project. Be careful not to damage any of the components that make up the system.

Restore the site to match the existing surrounding area using standard restoration items as described in the standard specifications.

#### C.2 RTMS Detector Installation

Install the wood pole according to industry standards for supplied pole length.

Install the RTMS detector as required in section 675 of the standard specifications. Integrate the wireless modem.

#### C.3 Solar Power System Installation

Install the solar panels facing south on the pole with the devices to be powered. If a compass is used, a correction must be made for the difference between magnetic north and true north. Install the solar panels at a tilt angle of approximately 60 degrees. The tilt angle shall be considered the angle from horizontal to the front, or face of the solar panel.
Mount the cabinet to the pole by the two cast aluminum mounting brackets which are already attached to the back of the cabinet. The brackets shall be attached to the pole using stainless steel bands or U-bolts.

Install the cabling, ensuring that cables enter the cabinet only through the bottom, and that strain relief fittings are used to seal cable entrance points. Connect the panel to the charge controller, connecting the white wire to the positive (+) terminal and the black wire to the negative terminal (-).

### D Measurement

The department will measure Relocating Temporary Vehicle Detector Assembly as a unit consisting of one or more RTMS detectors, one or more solar power systems, and a wood pole, with each assembly removed, installed, focused on initial traffic lane configuration, functioning, and accepted in accordance to the contract.

**E Payment**
The department will pay for measured quantities at the contract unit price each under the following bid item:

| ITEM NUMBER | DESCRIPTION | UNIT |
|---|---|---|
| SPV.0060.258 | Relocating Temporary Vehicle Detector Assembly | Each |

Payment is full compensation for removing the assembly, installing the assembly, calibrating the detector, integrating the detector into the communications system, making the assembly functional, and for all restoration work needed at the original or new location.

**Schedule of Items**
Attached, dated May 16, 2018 are the revised Schedule of Items Pages 1 – 40.

**Plan Sheets**
The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:

**Revised Plan Sheets**
**ID 1030-11-72** sheet 8, 12, 49, 170-171, 177, 180, 184-190, 198, 206-220, 222-223, 225-226, 228-233, 261, 264, 265, 267, 281, 293-296, 330, 542, 544, 555-556, 576, 587-588, 596, 599-600, 616-617, 621-622, 624-625, 627 629-630, 651-673, and 742.
**ID 1030-11-79** sheet 92, 99, 243, 287-308
**ID 1030-11-80** sheet 9, 48, 49, 113, 114, 131, 134, 140, 144, 187, 188, 190, 191, 193, 194, 203, 219, 494-495, 497-498, 500-501, 545-555, 600-610, 220, 352
**ID 1030-25-79** sheet 31, 101-139, 154, 339-350, 351-384

**Added Plan Sheets**
**ID 1030-11-72** sheet 56A, 220A-H, 466A
**ID 1030-11-79** sheet 36A, 308A-C
**ID 1030-11-80** sheet 43A, 235A, 621A
**ID 1030-25-79** sheet 41A

**Deleted Plan Sheets**
**ID 1030-11-72** sheet 9, 13
**ID 1030-11-80** sheet 10
**ID 1030-25-72** sheet 9

END OF ADDENDUM

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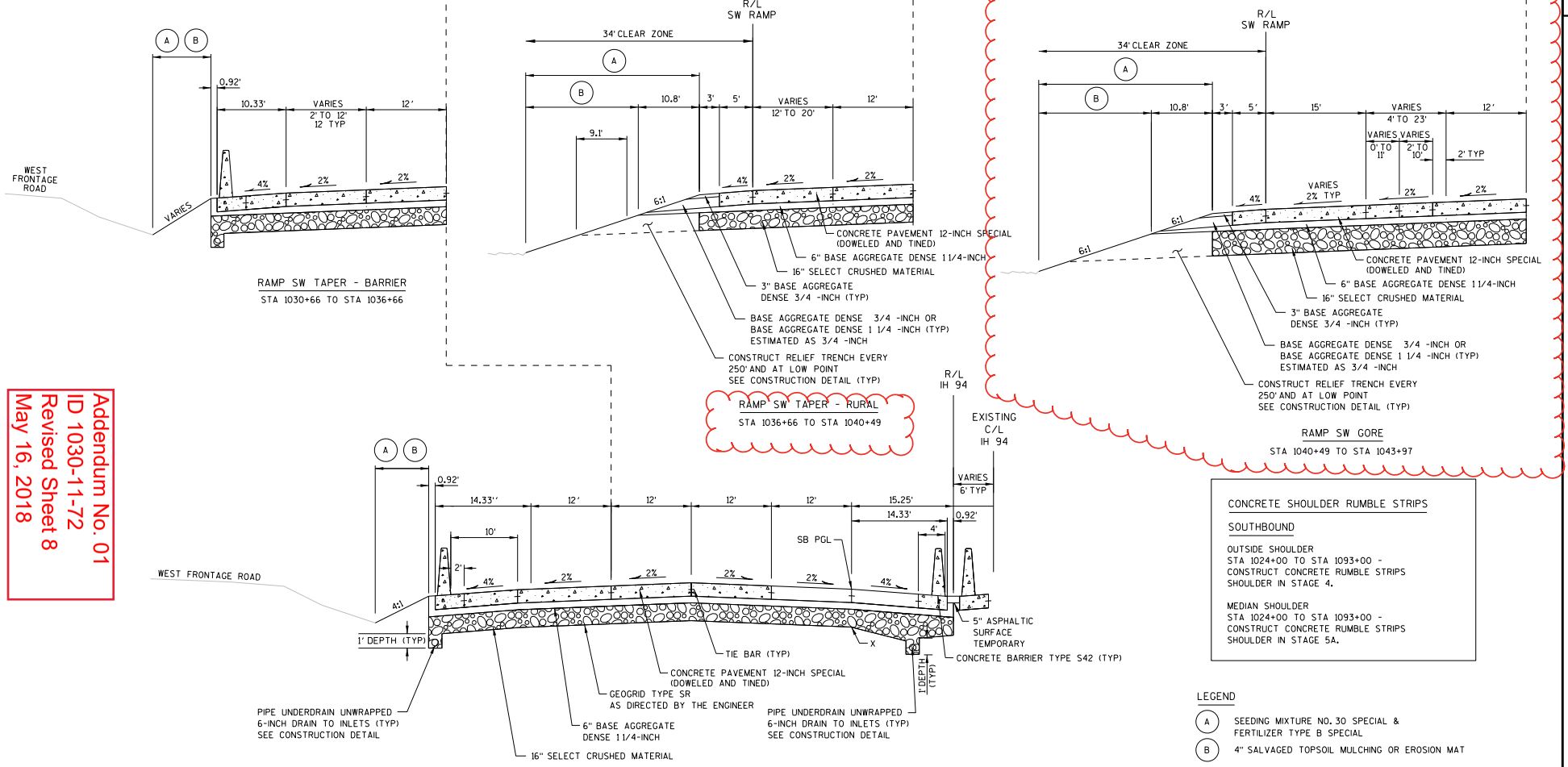
Addendum No. 01
ID 1030-11-72
Revised Sheet 8
May 16, 2018




CONCRETE SHOULDER RUMBLE STRIPS

SOUTHBOUND

OUTSIDE SHOULDER
STA 1024+00 TO STA 1093+00 -
CONSTRUCT CONCRETE RUMBLE STRIPS
SHOULDER IN STAGE 4.

MEDIAN SHOULDER
STA 1024+00 TO STA 1093+00 -
CONSTRUCT CONCRETE RUMBLE STRIPS
SHOULDER IN STAGE 5A.

LEGEND

(A) SEEDING MIXTURE NO. 30 SPECIAL &
FERTILIZER TYPE B SPECIAL

(B) 4" SALVAGED TOPSOIL MULCHING OR EROSION MAT

NOTE

PGL = POINT REFERRED TO ON PROFILE AND
PIVOT POINT FOR SUPERELEVATION

X = POINT REFERRED TO ON CROSS SECTION

5" EXISTING ASPHALTIC PAVEMENT TO BE MILLED AND REMOVED
10" EXISTING REINFORCED CONCRETE PAVEMENT TO BE REMOVED
EXISTING CONCRETE SHOULDER TO BE REMOVED

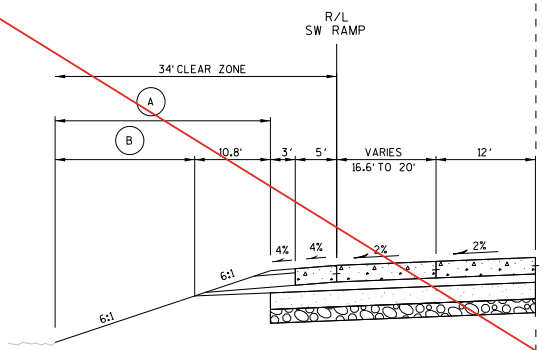
TYPICAL FINISHED SECTION
IH 94 SOUTHBOUND
STA 1024+00 TO STA 1054+80

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | TYPICAL SECTIONS | SCALE: NTS | SHEET 8 | E |
|---|---|---|---|---|---|---|

2

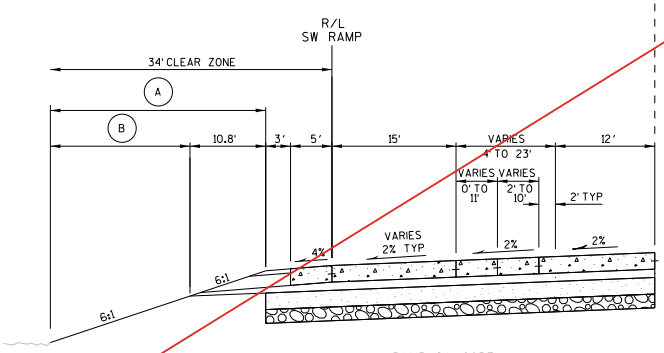
2

Addendum No. 01
ID 1030-11-72
Deleted Sheet 9
May 16, 2018



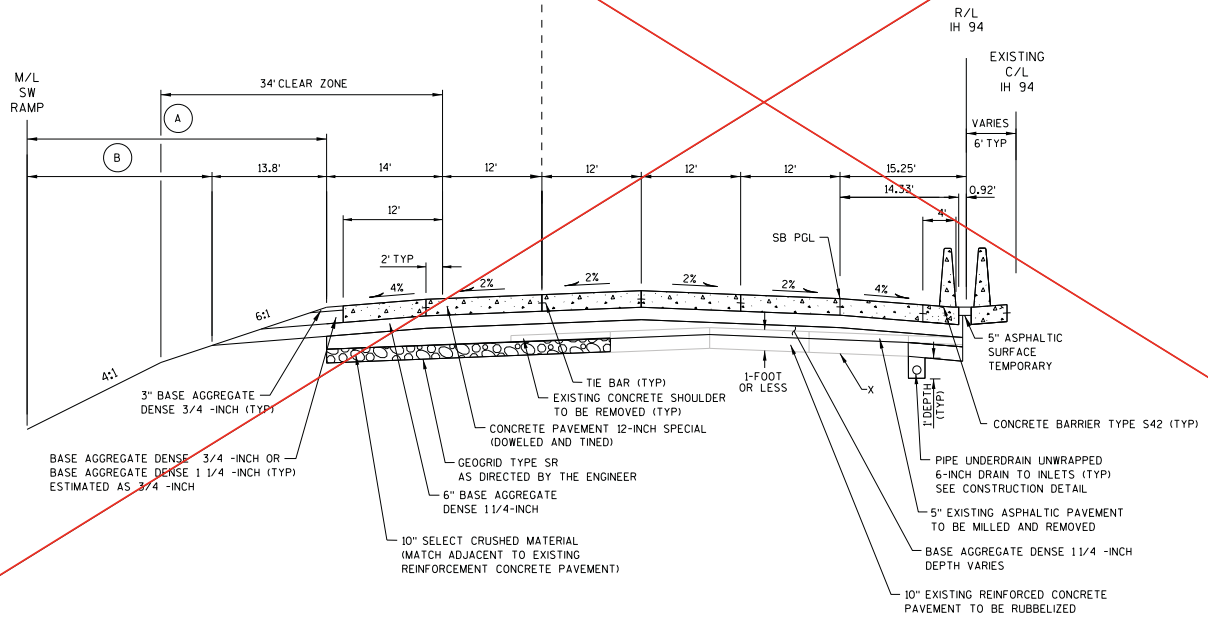

RAMP SW

STA 1039+00 TO STA 1040+49




RAMP SW GORE

STA 1040+49 TO STA 1043+97




TYPICAL FINISHED SECTION

IH 94 SOUTHBOUND

STA 1039+00 TO STA 1054+80

CONCRETE SHOULDER RUMBLE STRIPS

SOUTHBOUND

OUTSIDE SHOULDER
STA 1024+00 TO STA 1093+00 -
CONSTRUCT CONCRETE RUMBLE STRIPS
SHOULDER DURING STAGE 5B.

MEDIAN SHOULDER
STA 1024+00 TO STA 1093+00 -
CONSTRUCT CONCRETE RUMBLE STRIPS
SHOULDER DURING STAGE 5A.

LEGEND

(A) SEEDING MIXTURE NO. 30 SPECIAL & FERTILIZER TYPE B SPECIAL

(B) 4" SALVAGED TOPSOIL MULCHING OR EROSION MAT

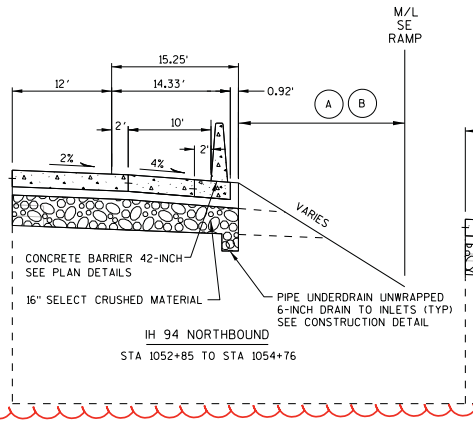
NOTE

PGL = POINT REFERRED TO ON PROFILE AND PIVOT POINT FOR SUPERELEVATION

X = POINT REFERRED TO ON CROSS SECTION

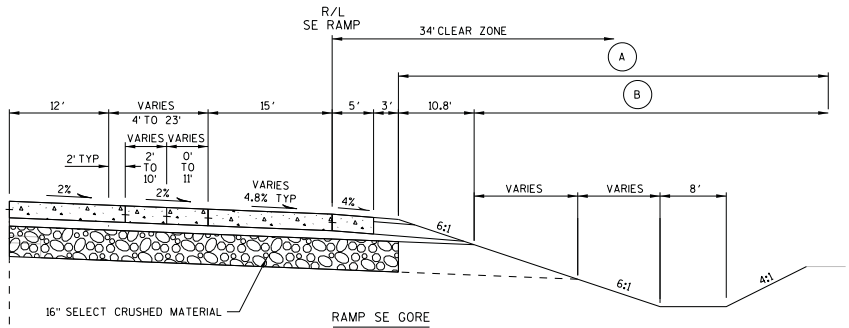
| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | TYPICAL SECTIONS | SCALE: NTS | SHEET 9 | E |
|---|---|---|---|---|---|---|

FILENAME : F:\PM1-16440_CTH_K\1030111T2_MRodda\sds\020301_ts.dgn PLOT DATE : 11-MAY-2018 13:10 PLOT BY : ceven PLOT NAME : 020301_ts5 PLOT SCALE : 15:1 WISDOT/CADDS SHEET 42



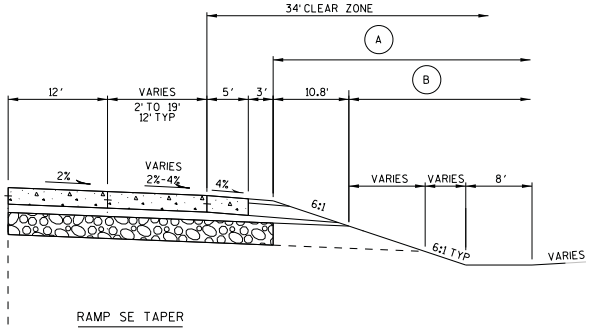

IH 94 NORTHBOUND

STA 1052+85 TO STA 1054+76



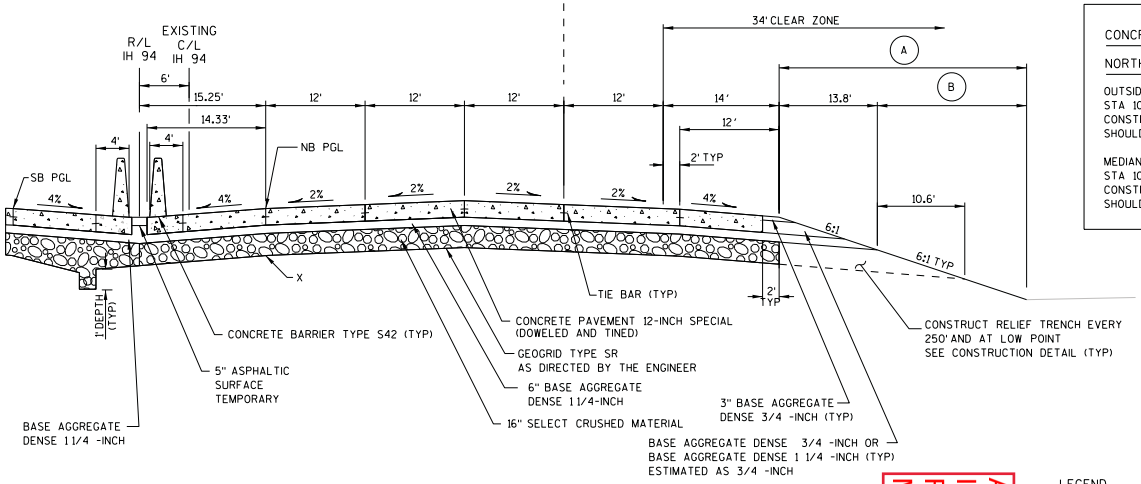

RAMP SE GORE

STA 1043+04 TO STA 1044+90




RAMP SE TAPER

STA 1033+92 TO STA 1043+04




TYPICAL FINISHED SECTION

IH 94 NORTHBOUND

STA 1024+00 TO STA 1054+76

CONCRETE SHOULDER RUMBLE STRIPS

NORTHBOUND

OUTSIDE SHOULDER
STA 1024+00 TO STA 1093+00 -
CONSTRUCT CONCRETE RUMBLE STRIPS
SHOULDER DURING STAGE 5B.

MEDIAN SHOULDER
STA 1024+00 TO STA 1093+00 -
CONSTRUCT CONCRETE RUMBLE STRIPS
SHOULDER DURING STAGE 5A.

5" EXISTING ASPHALTIC PAVEMENT TO BE MILLED AND REMOVED
10" EXISTING REINFORCED CONCRETE PAVEMENT TO BE REMOVED
EXISTING CONCRETE SHOULDER TO BE REMOVED

Addendum No. 01
ID 1030-11-72
Revised Sheet 12
May 16, 2018

LEGEND

(A) SEEDING MIXTURE NO. 30 SPECIAL & FERTILIZER TYPE B SPECIAL

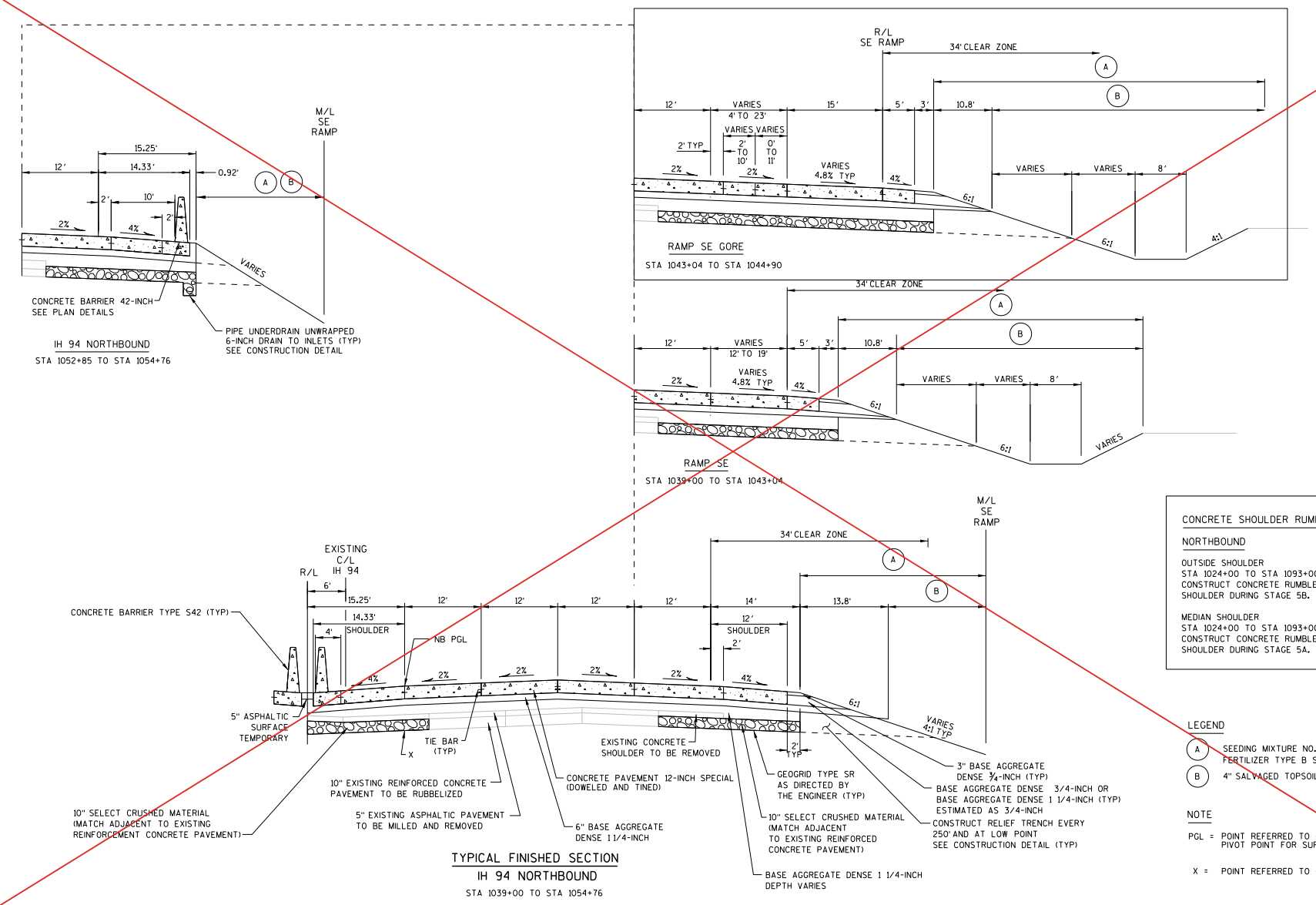
(B) 4" SALVAGED TOPSOIL MULCHING OR EROSION MAT

NOTE

PGL = POINT REFERRED TO ON PROFILE AND PIVOT POINT FOR SUPERELEVATION

X = POINT REFERRED TO ON CROSS SECTION

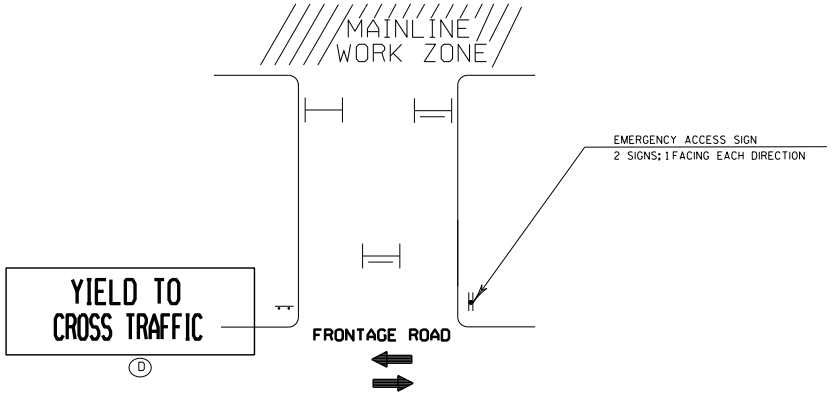
| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | TYPICAL SECTIONS | SCALE: NTS | SHEET 12 | E |
|---|---|---|---|---|---|---|

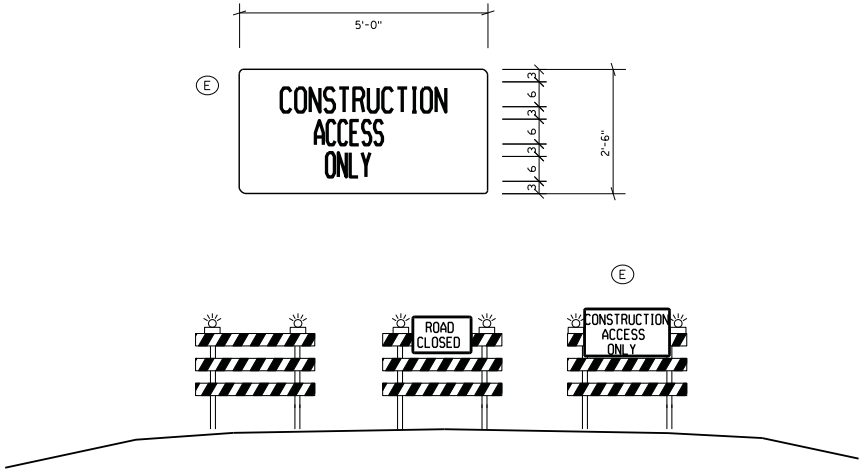


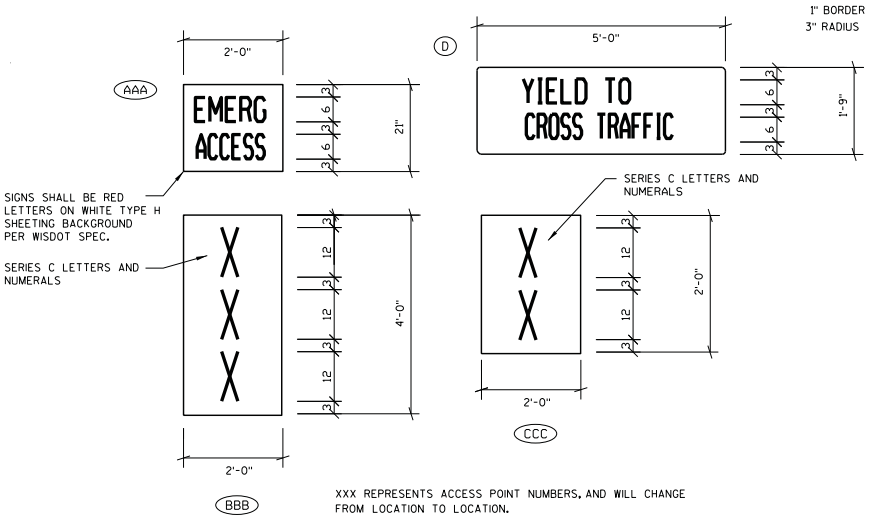

Addendum No. 01
ID 1030-11-72
Deleted Sheet 13
May 16, 2018

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | TYPICAL SECTIONS | SCALE: NTS | SHEET 13 | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D_CTH_K\10301172_MRoads\cds\020301_ts.dgn PLOT DATE : 11-MAY-2018 13:10 PLOT BY : ceyen PLOT NAME : 020301_ts9 PLOT SCALE : 15:1 WISDOT/CADDS SHEET 42




XXX REPRESENTS ACCESS POINT NUMBERS, AND WILL CHANGE FROM LOCATION TO LOCATION.

**EMERGENCY ACCESS SIGNS**

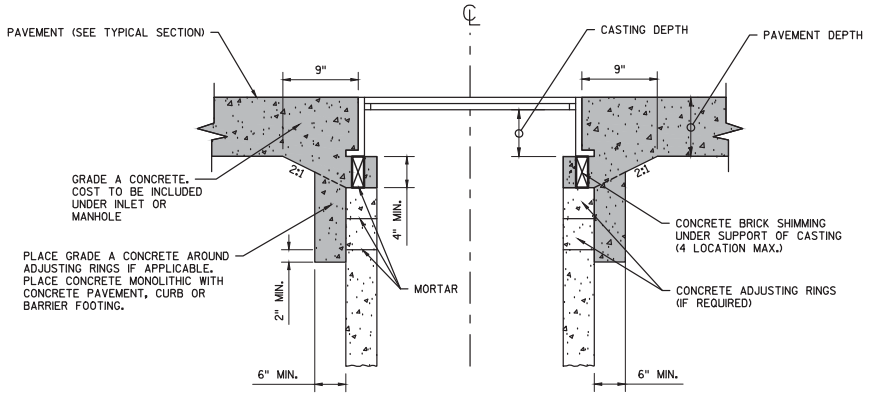
Addendum No. 01
ID 1030-11-72
Revised Sheet 49
May 16, 2018

**NOTES**

1. AFTER SIGNS HAVE BEEN LOCATED IN THE FIELD, BUT BEFORE INSTALLATION, THE SIGNING AND MARKING SUPERVISOR SHALL VERIFY EACH SIGN LOCATION.
2. ALL SIGNS TO BE MOUNTED ON WOODEN POST SUPPORTS (4"x6"). THE NUMBER OF POSTS REQUIRED FOR EACH LAYOUT IS SHOWN. STEEL POSTS (2"X2") MAY BE USED FOR SIGNS ON SURFACE STREETS. SIGNS WHERE NO POSTS ARE SHOWN TO BE MOUNTED ON EXISTING SIGNS. FOR SIGNS MOUNTED ON POSTS, USE POSTS FROM FHWA LIST OF ACCEPTED BREAKAWAY SIGN SUPPORTS.
3. SIGNS ON THIS SHEET TO BE PAID UNDER THE ITEM "TRAFFIC CONTROL SIGNS FIXED MESSAGE".
4. SIGNS SHALL BE BLACK NON-REFLECTIVE MESSAGE ON ORANGE TYPE F REFLECTIVE BACKGROUND UNLESS OTHERWISE NOTED.
5. ALL SIGNS SHALL HAVE CAPITAL LETTERS AND NUMERALS: 12" AND 8" CAPS SHALL BE SERIES "D", 6" CAPS SHALL BE SERIES "C" UNLESS OTHERWISE NOTED.
6. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO ENGINEER FOR REVIEW PRIOR TO MANUFACTURING.
7. SIGN BASE MATERIAL SHALL BE ACCORDING TO SECTION 637.2.1.2..
8. DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

(XXX) = FIXED MESSAGE SIGN NUMBER

WORK ZONE INGRESS/EGRESS FRONTAGE ROAD




NOTES

(1) PROVIDE MONOLITHIC CONCRETE SHIMMING FOR FINAL ADJUSTMENT OF DRAINAGE STRUCTURES LOCATED WITHIN THE ROADWAY CONCRETE PAVEMENT AND CONCRETE CURB & GUTTER.

MONOLITHIC CONCRETE

## MONOLITHIC CONCRETE SHIMMING DETAIL

Addendum No. 01
ID 1030-11-72
Added Sheet 56A
May 16, 2018

IH 94

STAGE 3A_B

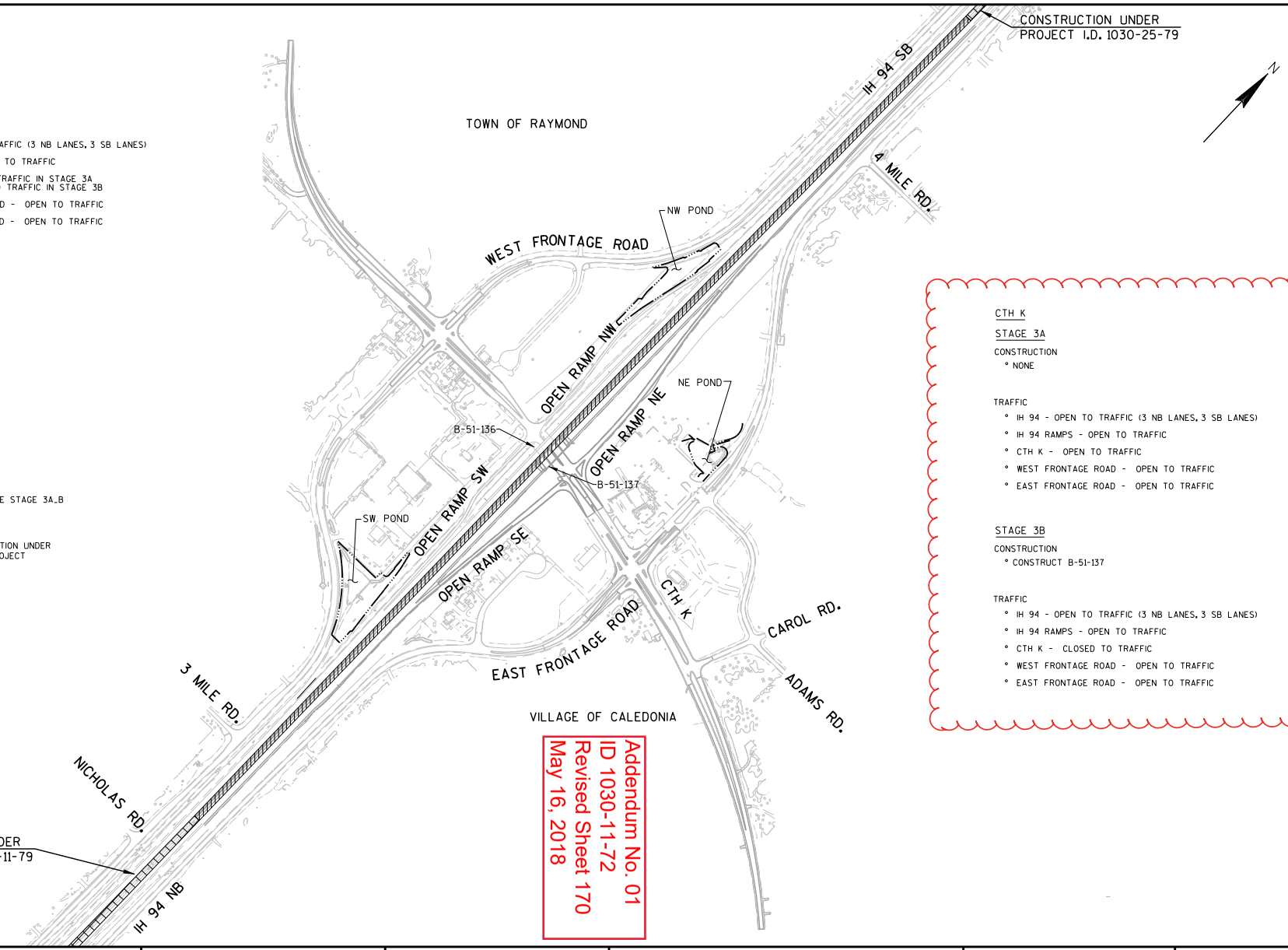
CONSTRUCTION
- IH 94 MEDIAN
- B-51-137

TRAFFIC
- IH 94 - OPEN TO TRAFFIC (3 NB LANES, 3 SB LANES)
- IH 94 RAMPS - OPEN TO TRAFFIC
- CTH K - OPEN TO TRAFFIC IN STAGE 3A
  CLOSED TO TRAFFIC IN STAGE 3B
- WEST FRONTAGE ROAD - OPEN TO TRAFFIC
- EAST FRONTAGE ROAD - OPEN TO TRAFFIC

LEGEND

WORK ZONE STAGE 3A_B

CONSTRUCTION UNDER OTHER PROJECT




CTH K

STAGE 3A

CONSTRUCTION
- NONE

TRAFFIC
- IH 94 - OPEN TO TRAFFIC (3 NB LANES, 3 SB LANES)
- IH 94 RAMPS - OPEN TO TRAFFIC
- CTH K - OPEN TO TRAFFIC
- WEST FRONTAGE ROAD - OPEN TO TRAFFIC
- EAST FRONTAGE ROAD - OPEN TO TRAFFIC

STAGE 3B

CONSTRUCTION
- CONSTRUCT B-51-137

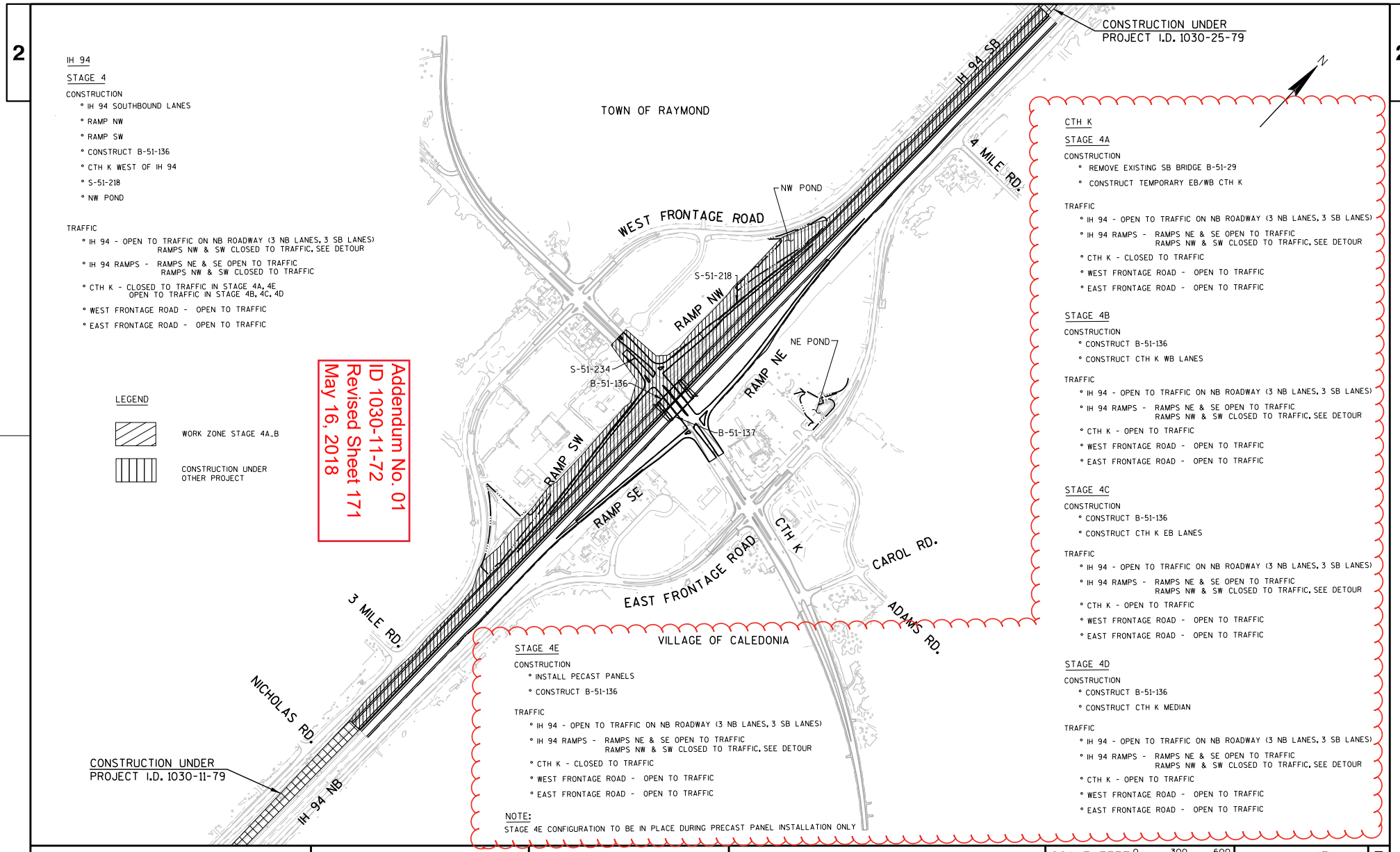
TRAFFIC
- IH 94 - OPEN TO TRAFFIC (3 NB LANES, 3 SB LANES)
- IH 94 RAMPS - OPEN TO TRAFFIC
- CTH K - CLOSED TO TRAFFIC
- WEST FRONTAGE ROAD - OPEN TO TRAFFIC
- EAST FRONTAGE ROAD - OPEN TO TRAFFIC

Addendum No. 01
ID 1030-11-72
Revised Sheet 170
May 16, 2018

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | TRAFFIC CONTROL OVERVIEW: STAGE 3A_B | SCALE, FEET 0 300 600 | SHEET 170 | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\026300_tc.dgn PLOT DATE : 08-MAY-2018 11:15 PLOT BY : ceven PLOT NAME : 026300_tc PLOT SCALE : 600:1

WISDOT/CADDS SHEET 42




IH 94

STAGE 4

CONSTRUCTION
- IH 94 SOUTHBOUND LANES
- RAMP NW
- RAMP SW
- CONSTRUCT B-51-136
- CTH K WEST OF IH 94
- S-51-218
- NW POND

TRAFFIC
- IH 94 - OPEN TO TRAFFIC ON NB ROADWAY (3 NB LANES, 3 SB LANES) RAMPS NW & SW CLOSED TO TRAFFIC, SEE DETOUR
- IH 94 RAMPS - RAMPS NE & SE OPEN TO TRAFFIC RAMPS NW & SW CLOSED TO TRAFFIC
- CTH K - CLOSED TO TRAFFIC IN STAGE 4A, 4E OPEN TO TRAFFIC IN STAGE 4B, 4C, 4D
- WEST FRONTAGE ROAD - OPEN TO TRAFFIC
- EAST FRONTAGE ROAD - OPEN TO TRAFFIC

LEGEND

WORK ZONE STAGE 4A_B

CONSTRUCTION UNDER OTHER PROJECT

Addendum No. 01
ID 1030-11-72
Revised Sheet 171
May 16, 2018

CTH K

STAGE 4A

CONSTRUCTION
- REMOVE EXISTING SB BRIDGE B-51-29
- CONSTRUCT TEMPORARY EB/WB CTH K

TRAFFIC
- IH 94 - OPEN TO TRAFFIC ON NB ROADWAY (3 NB LANES, 3 SB LANES)
- IH 94 RAMPS - RAMPS NE & SE OPEN TO TRAFFIC RAMPS NW & SW CLOSED TO TRAFFIC, SEE DETOUR
- CTH K - CLOSED TO TRAFFIC
- WEST FRONTAGE ROAD - OPEN TO TRAFFIC
- EAST FRONTAGE ROAD - OPEN TO TRAFFIC

STAGE 4B

CONSTRUCTION
- CONSTRUCT B-51-136
- CONSTRUCT CTH K WB LANES

TRAFFIC
- IH 94 - OPEN TO TRAFFIC ON NB ROADWAY (3 NB LANES, 3 SB LANES)
- IH 94 RAMPS - RAMPS NE & SE OPEN TO TRAFFIC RAMPS NW & SW CLOSED TO TRAFFIC, SEE DETOUR
- CTH K - OPEN TO TRAFFIC
- WEST FRONTAGE ROAD - OPEN TO TRAFFIC
- EAST FRONTAGE ROAD - OPEN TO TRAFFIC

STAGE 4C

CONSTRUCTION
- CONSTRUCT B-51-136
- CONSTRUCT CTH K EB LANES

TRAFFIC
- IH 94 - OPEN TO TRAFFIC ON NB ROADWAY (3 NB LANES, 3 SB LANES)
- IH 94 RAMPS - RAMPS NE & SE OPEN TO TRAFFIC RAMPS NW & SW CLOSED TO TRAFFIC, SEE DETOUR
- CTH K - OPEN TO TRAFFIC
- WEST FRONTAGE ROAD - OPEN TO TRAFFIC
- EAST FRONTAGE ROAD - OPEN TO TRAFFIC

STAGE 4D

CONSTRUCTION
- CONSTRUCT B-51-136
- CONSTRUCT CTH K MEDIAN

TRAFFIC
- IH 94 - OPEN TO TRAFFIC ON NB ROADWAY (3 NB LANES, 3 SB LANES)
- IH 94 RAMPS - RAMPS NE & SE OPEN TO TRAFFIC RAMPS NW & SW CLOSED TO TRAFFIC, SEE DETOUR
- CTH K - OPEN TO TRAFFIC
- WEST FRONTAGE ROAD - OPEN TO TRAFFIC
- EAST FRONTAGE ROAD - OPEN TO TRAFFIC

STAGE 4E

CONSTRUCTION
- INSTALL PECAST PANELS
- CONSTRUCT B-51-136

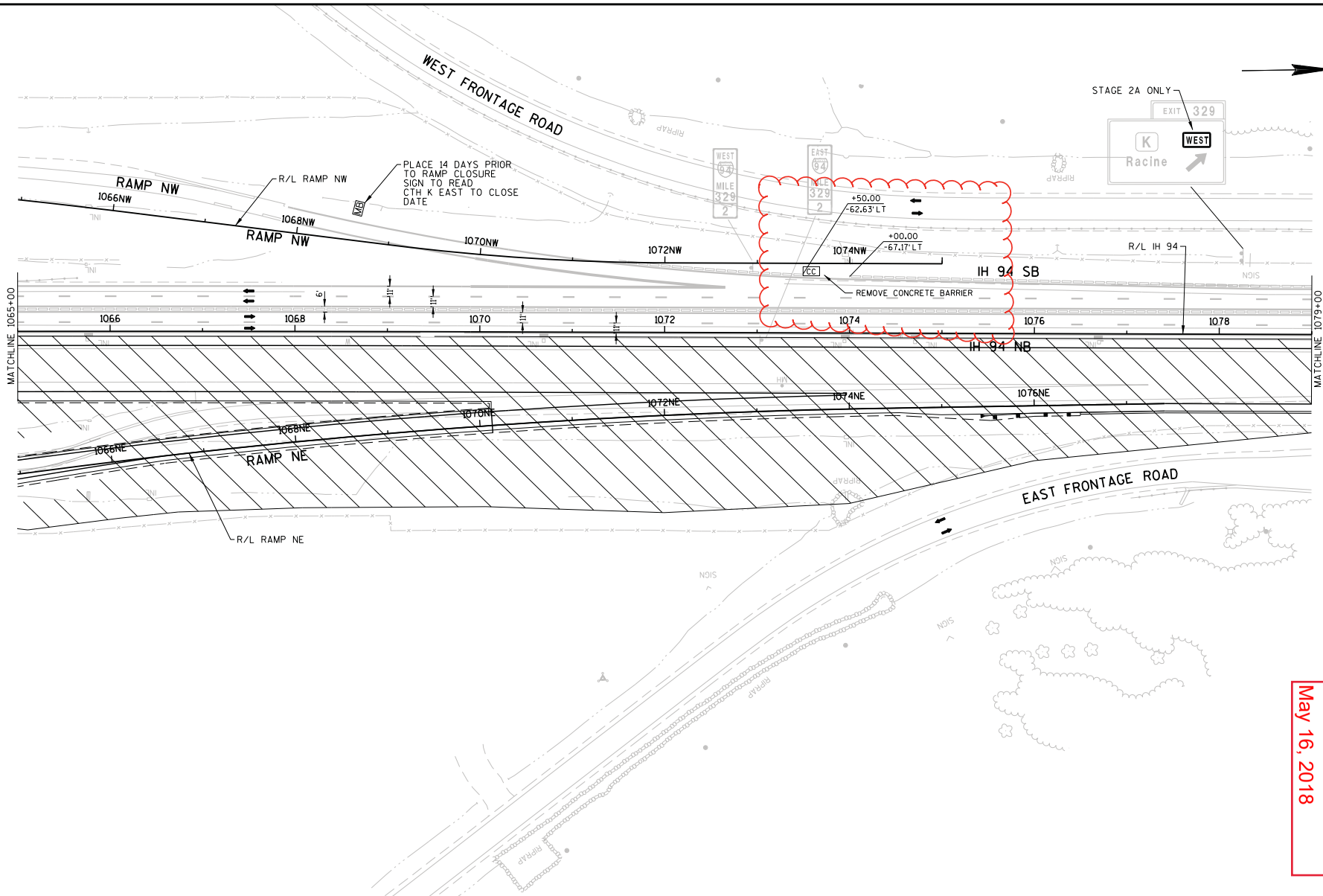
TRAFFIC
- IH 94 - OPEN TO TRAFFIC ON NB ROADWAY (3 NB LANES, 3 SB LANES)
- IH 94 RAMPS - RAMPS NE & SE OPEN TO TRAFFIC RAMPS NW & SW CLOSED TO TRAFFIC, SEE DETOUR
- CTH K - CLOSED TO TRAFFIC
- WEST FRONTAGE ROAD - OPEN TO TRAFFIC
- EAST FRONTAGE ROAD - OPEN TO TRAFFIC

NOTE:
STAGE 4E CONFIGURATION TO BE IN PLACE DURING PRECAST PANEL INSTALLATION ONLY

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | TRAFFIC CONTROL OVERVIEW: STAGE 4A,B,C,D,E | SCALE, FEET 0 300 600 | SHEET 171 | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\026400_tc.dgn PLOT DATE : 08-MAY-2018 14:29 PLOT BY : ceven PLOT NAME : 026400_tc PLOT SCALE : 600:1

WISDOT/CADDS SHEET 42

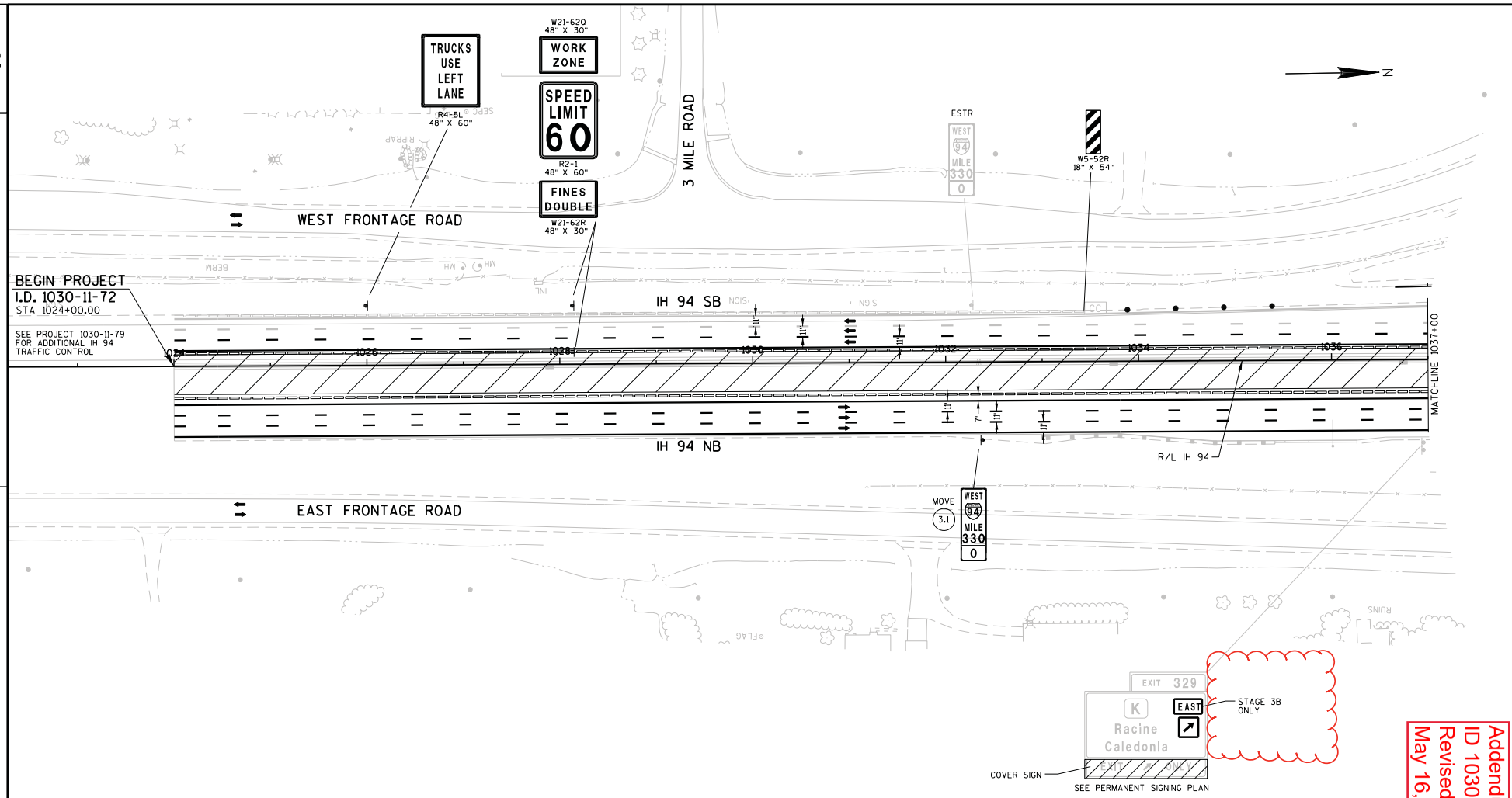



Addendum No. 01
ID 1030-11-72
Revised Sheet 177
May 16, 2018

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | STAGE 2A_B CONSTRUCTION | SCALE, FEET 0 50 100 | SHEET 177 | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\026204_s2A_B.dgn PLOT DATE : 08-MAY-2018 10:00 PLOT BY : ceven PLOT NAME : 026204_s2A_B PLOT SCALE : 100:1

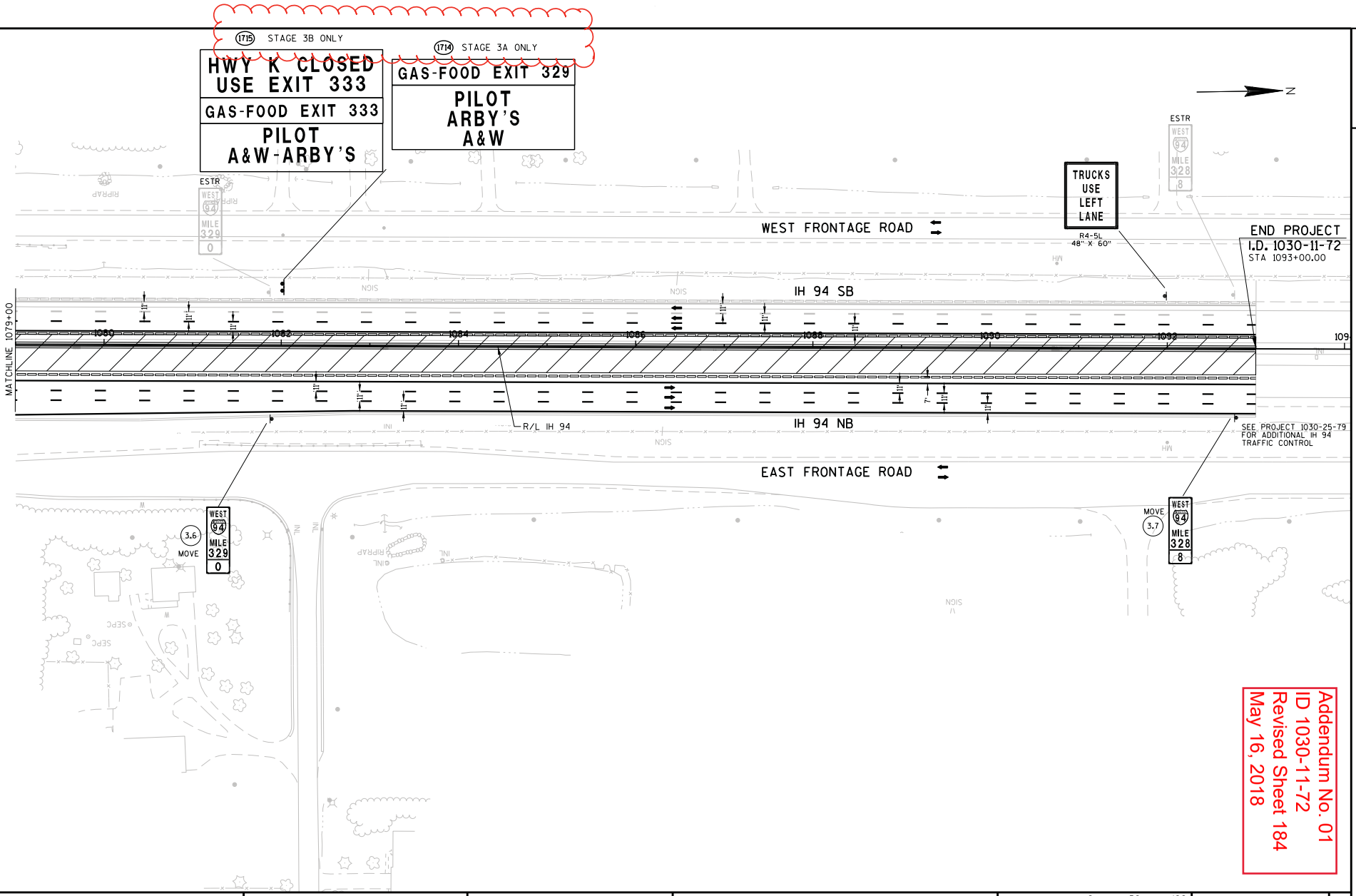
WISDOT/CADDS SHEET 42




Addendum No. 01
ID 1030-11-72
Revised Sheet 180
May 16, 2018

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | STAGE 3A_B CONSTRUCTION | SCALE, FEET 0 50 100 | SHEET 180 | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\026301_s3A_B.dgn PLOT DATE : 08-MAY-2018 10:00 PLOT BY : ceven PLOT NAME : 026301_s3A_B PLOT SCALE : 100:1
WISDOT/CADDS SHEET 42

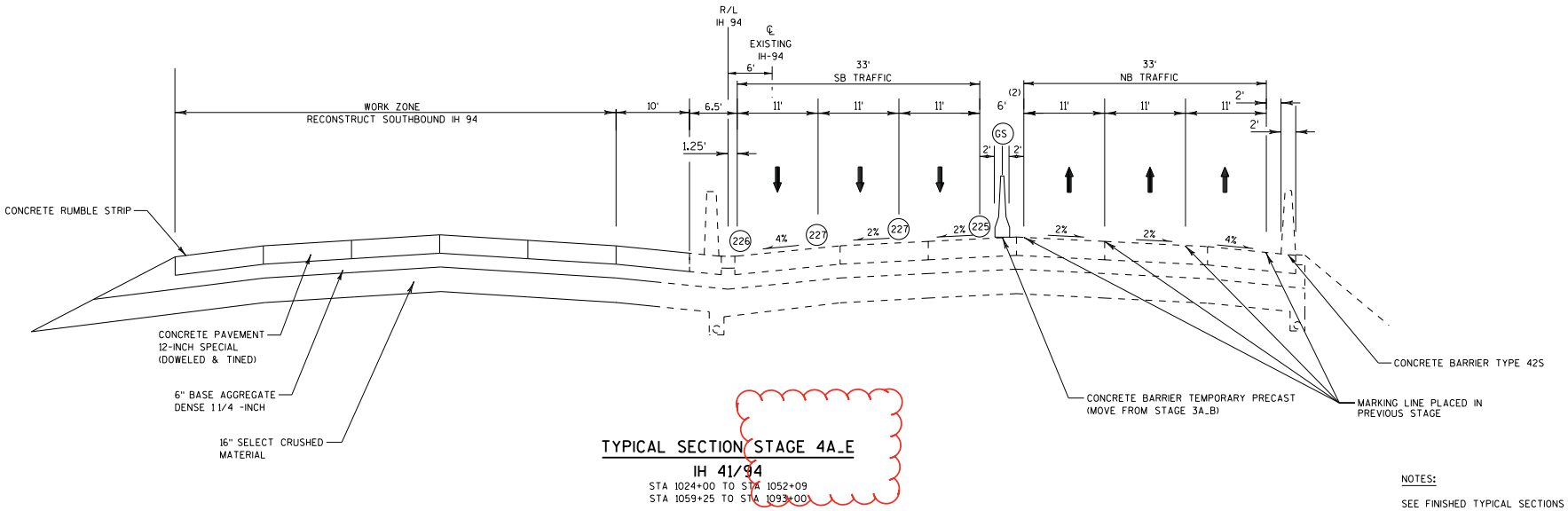



Addendum No. 01
ID 1030-11-72
Revised Sheet 184
May 16, 2018

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | STAGE 3A_B CONSTRUCTION | SCALE, FEET 0 50 100 | SHEET 184 | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\026305_s3A_B.dgn PLOT DATE : 08-MAY-2018 10:00 PLOT BY : ceven PLOT NAME : 026305_s3A_B PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42



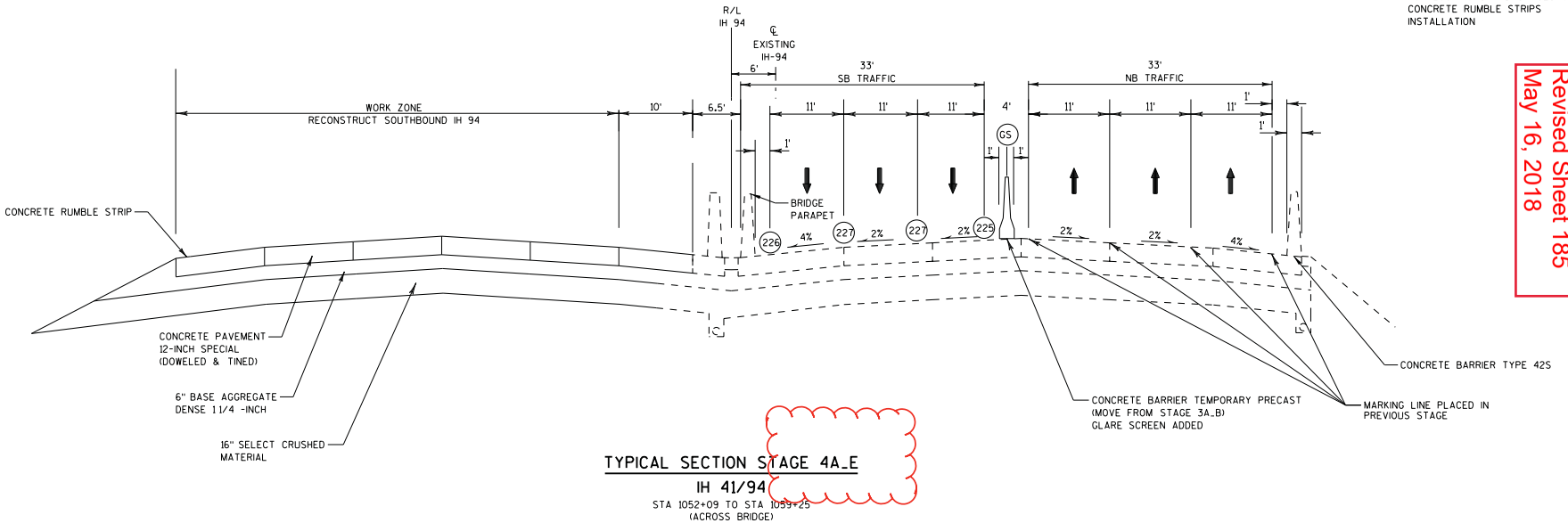

## TYPICAL SECTION STAGE 4A_E

### IH 41/94

STA 1024+00 TO STA 1052+09
STA 1059+25 TO STA 1093+00

NOTES:

SEE FINISHED TYPICAL SECTIONS FOR LOCATIONS AND STAGES OF CONCRETE RUMBLE STRIPS INSTALLATION



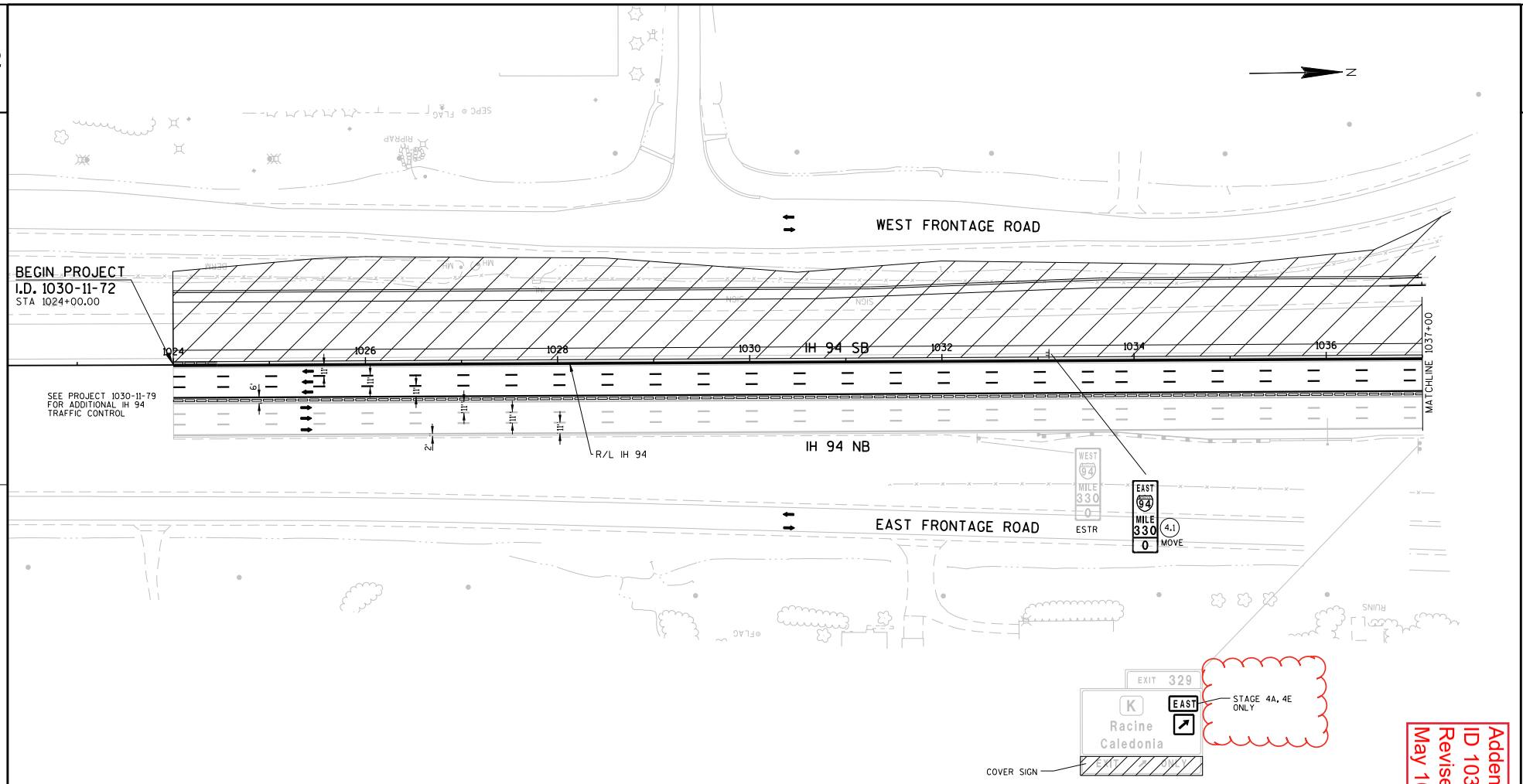

## TYPICAL SECTION STAGE 4A_E

### IH 41/94

STA 1052+09 TO STA 1059+25
(ACROSS BRIDGE)

Addendum No. 01
ID 1030-11-72
Revised Sheet 185
May 16, 2018

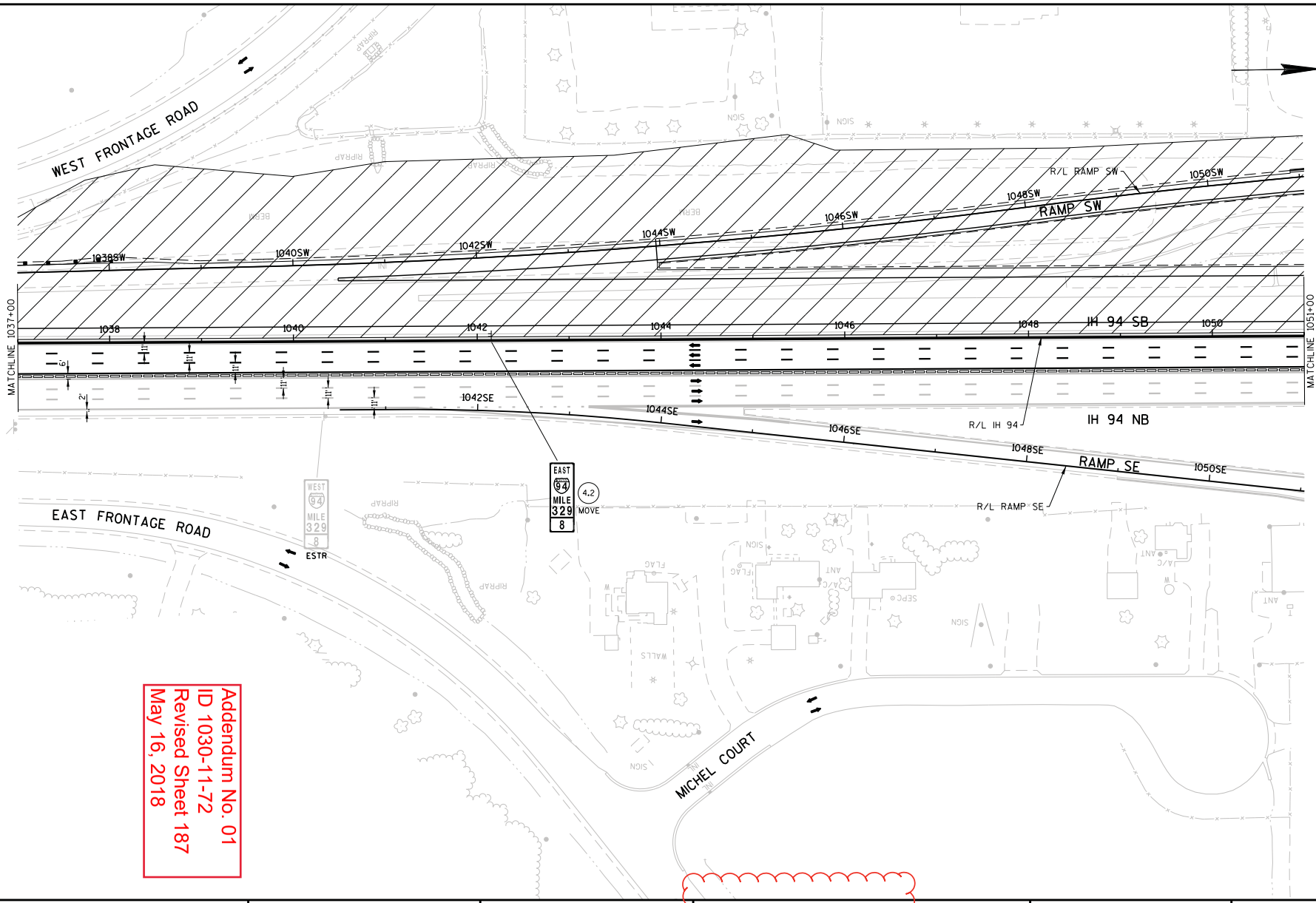
| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | TRAFFIC CONTROL - TYPICAL SECTIONS | SHEET 185 | E |
|---|---|---|---|---|---|




Addendum No. 01
ID 1030-11-72
Revised Sheet 186
May 16, 2018

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | STAGE 4A_E CONSTRUCTION | SCALE, FEET 0 50 100 | SHEET 186 | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\026401_s4A_B.dgn PLOT DATE : 08-MAY-2018 10:00 PLOT BY : ceven PLOT NAME : 026401_s4A_B PLOT SCALE : 100:1

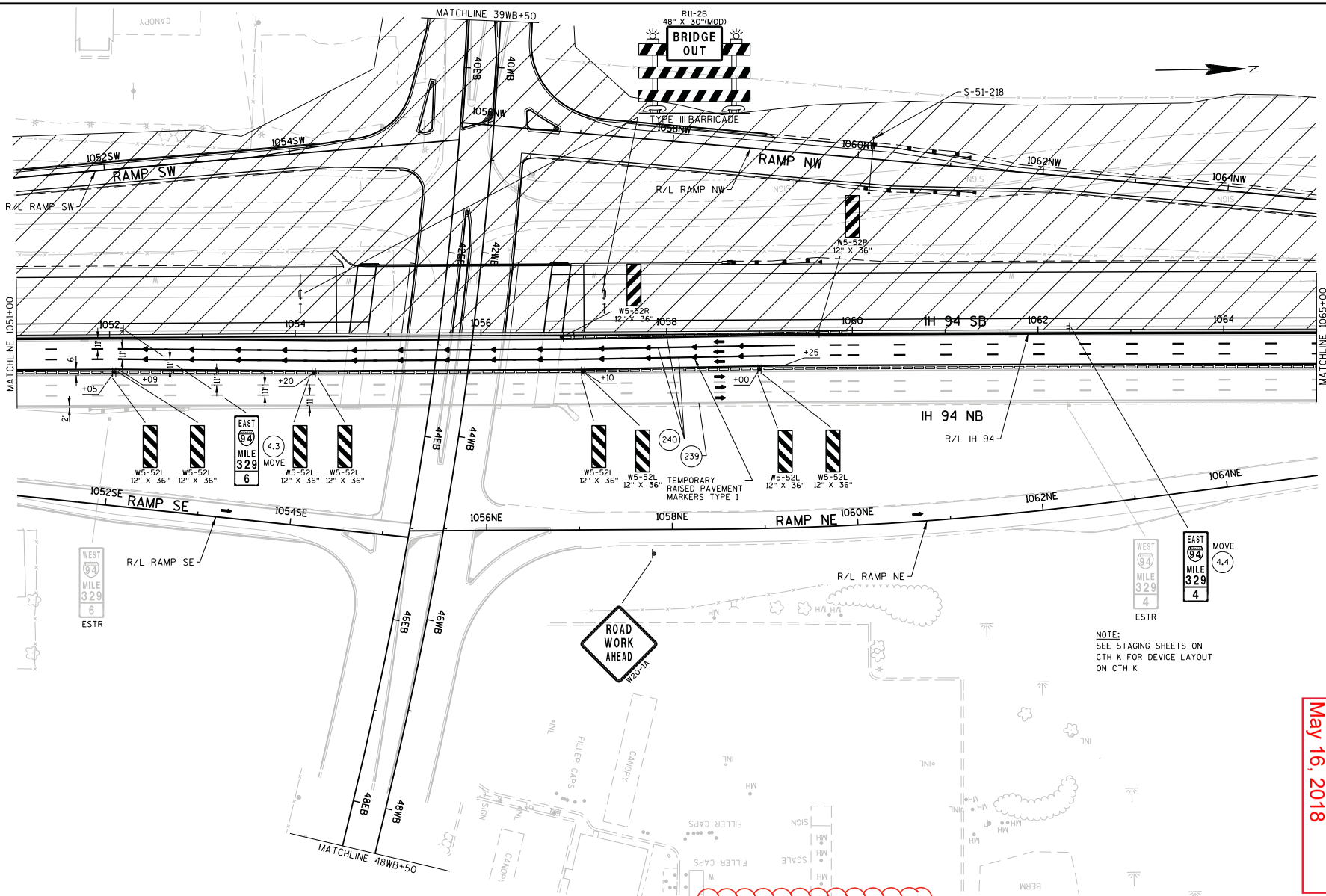



Addendum No. 01
ID 1030-11-72
Revised Sheet 187
May 16, 2018

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | STAGE 4A_E CONSTRUCTION | SCALE, FEET 0 50 100 | SHEET 187 | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\026402_s4A_B.dgn PLOT DATE : 08-MAY-2018 10:00 PLOT BY : ceven PLOT NAME : 026402_s4A_B PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

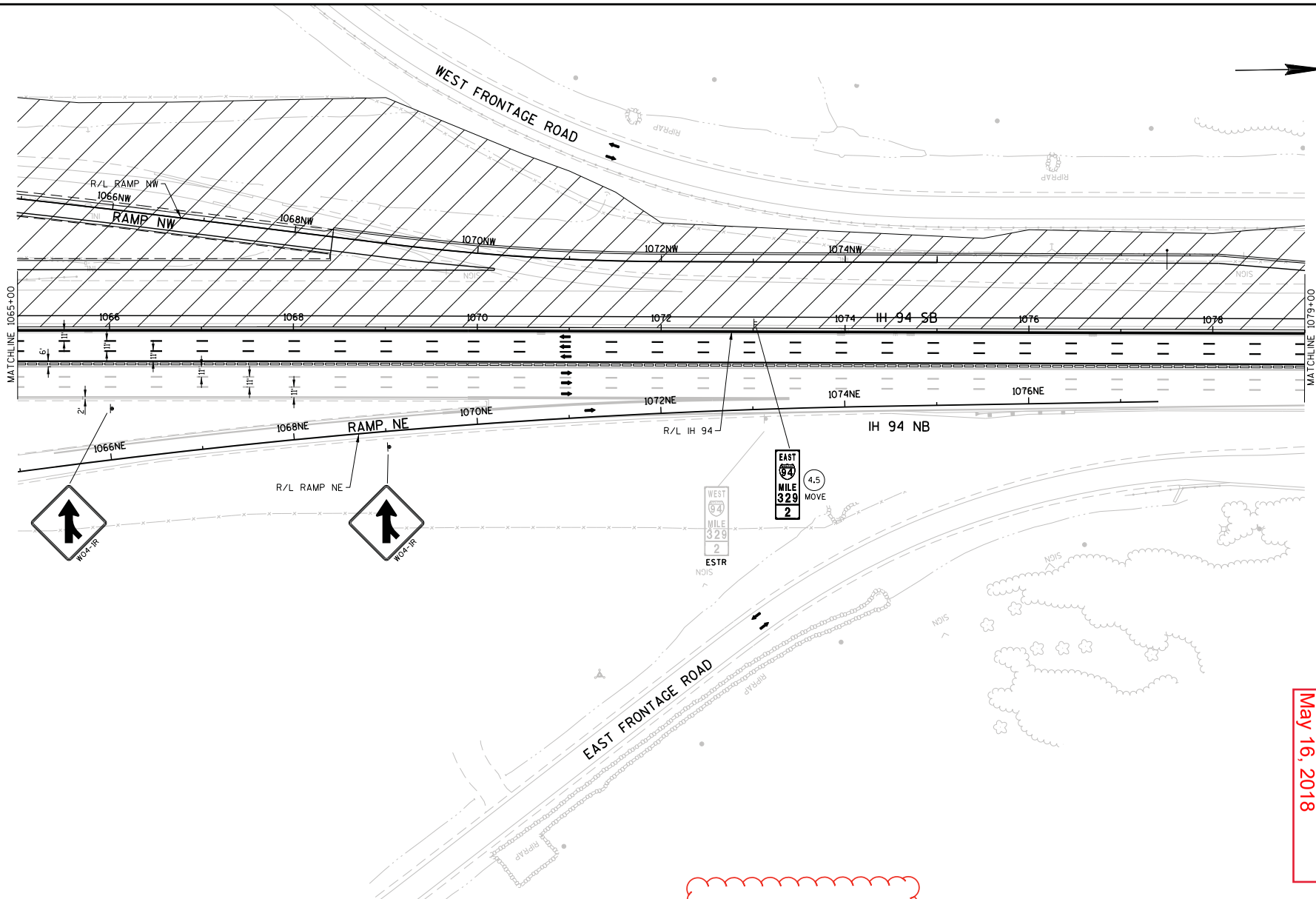



Addendum No. 01
ID 1030-11-72
Revised Sheet 188
May 16, 2018

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | STAGE 4A_E CONSTRUCTION | SCALE, FEET | SHEET 188 | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\026403_s4A_B.dgn PLOT DATE : 08-MAY-2018 10:00 PLOT BY : ceven PLOT NAME : 026403_s4A_B PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

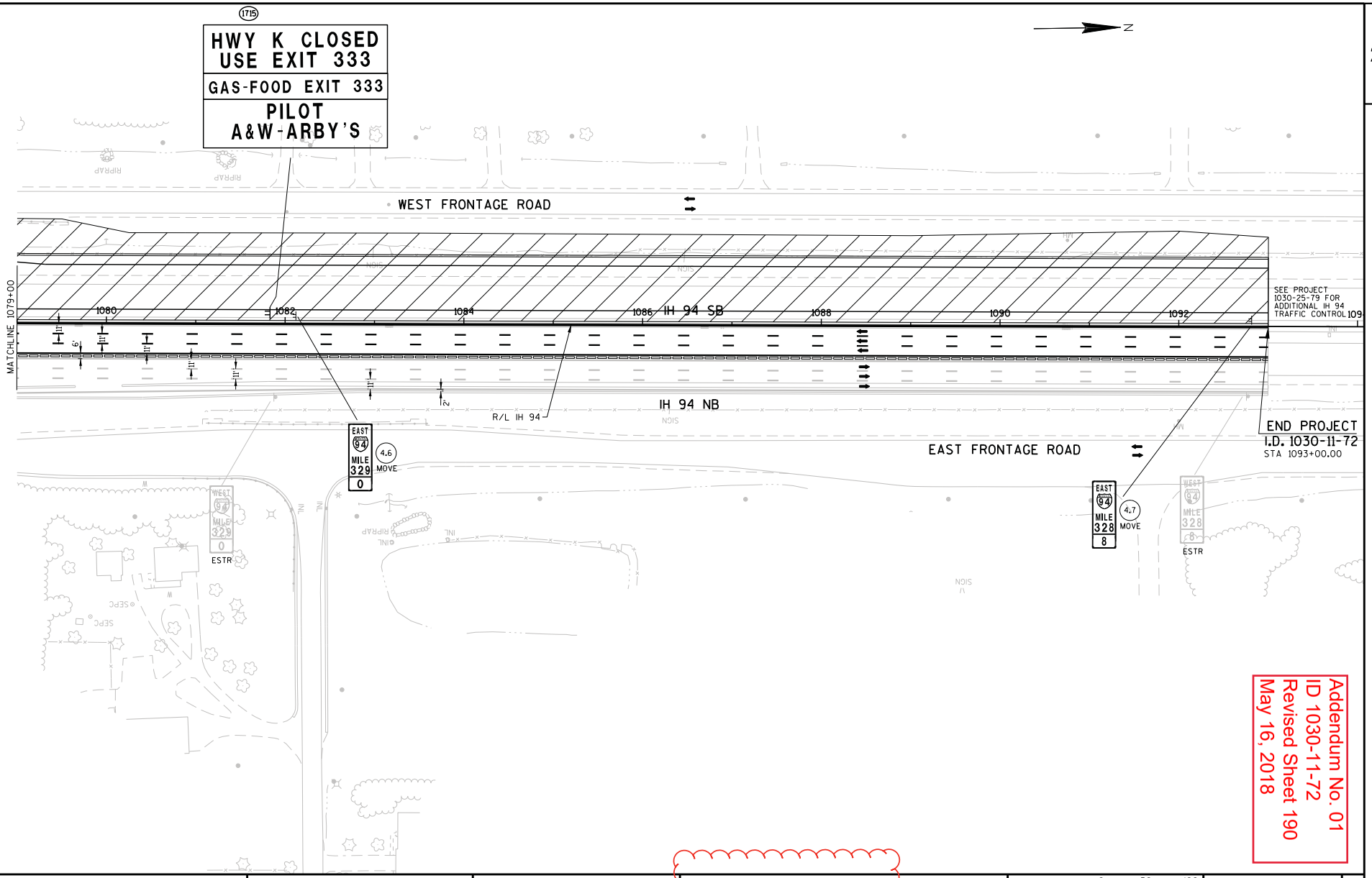



Addendum No. 01
ID 1030-11-72
Revised Sheet 189
May 16, 2018

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | STAGE 4A_E CONSTRUCTION | SCALE, FEET 0 50 100 | SHEET 189 | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\026404_s4A_B.dgn PLOT DATE : 08-MAY-2018 10:00 PLOT BY : ceven PLOT NAME : 026404_s4A_B PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42



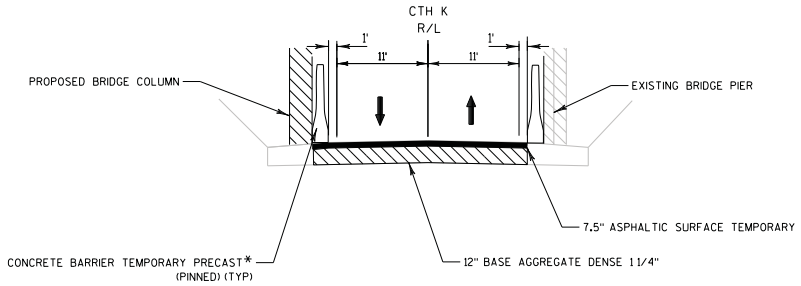

Addendum No. 01
ID 1030-11-72
Revised Sheet 190
May 16, 2018

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | STAGE 4A_E CONSTRUCTION | SCALE, FEET 0 50 100 | SHEET 190 | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\026405_s4A_B.dgn PLOT DATE : 08-MAY-2018 10:00 PLOT BY : ceven PLOT NAME : 026405_s4A_B PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

2



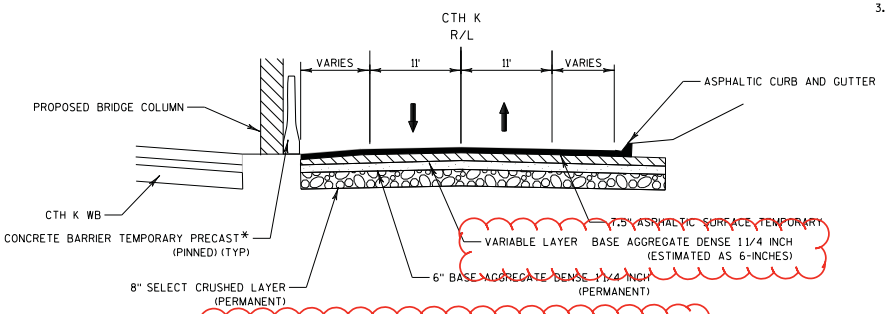

**TYPICAL SECTION STAGE 2B AND STAGE 3A**

**CTH K TEMPORARY**

STA 42+50 TO STA 43+55
(UNDER BRIDGES)

NOTES:

1. PLACE BARRIER DIRECTLY AGAINST BRIDGE PIERS CTH K CLOSED IN STAGE 2A AND 3B
2. CONSTRUCT ROADWAY IN STAGE 2A
3. SEE PLAN AND PROFILE - CTH K TEMPORARY



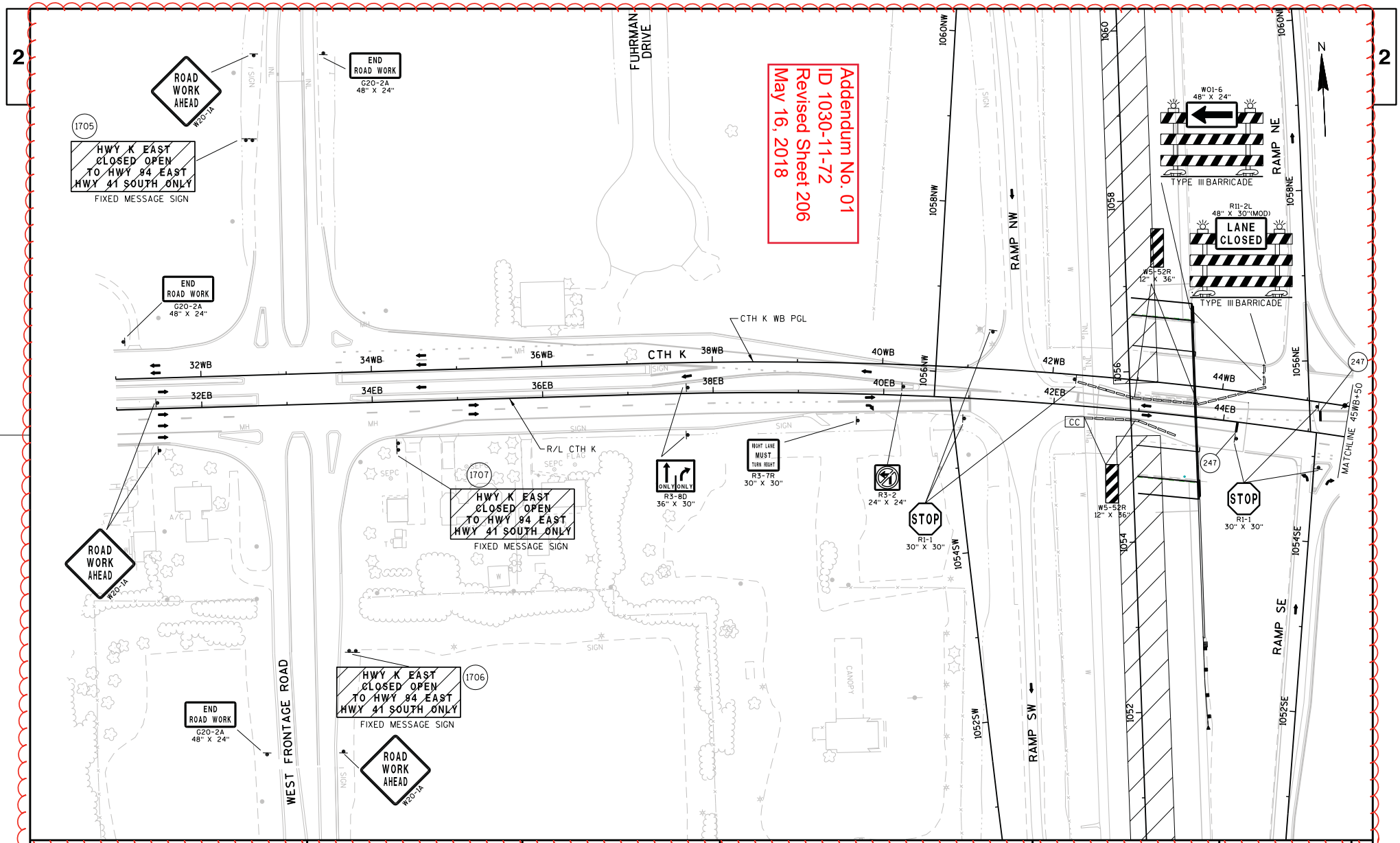

**TYPICAL SECTION STAGE 2B AND STAGE 3A**

**CTH K TEMPORARY**

STA 43+55 TO STA 44+30

Addendum No. 01
ID 1030-11-72
Revised Sheet 198
May 16, 2018

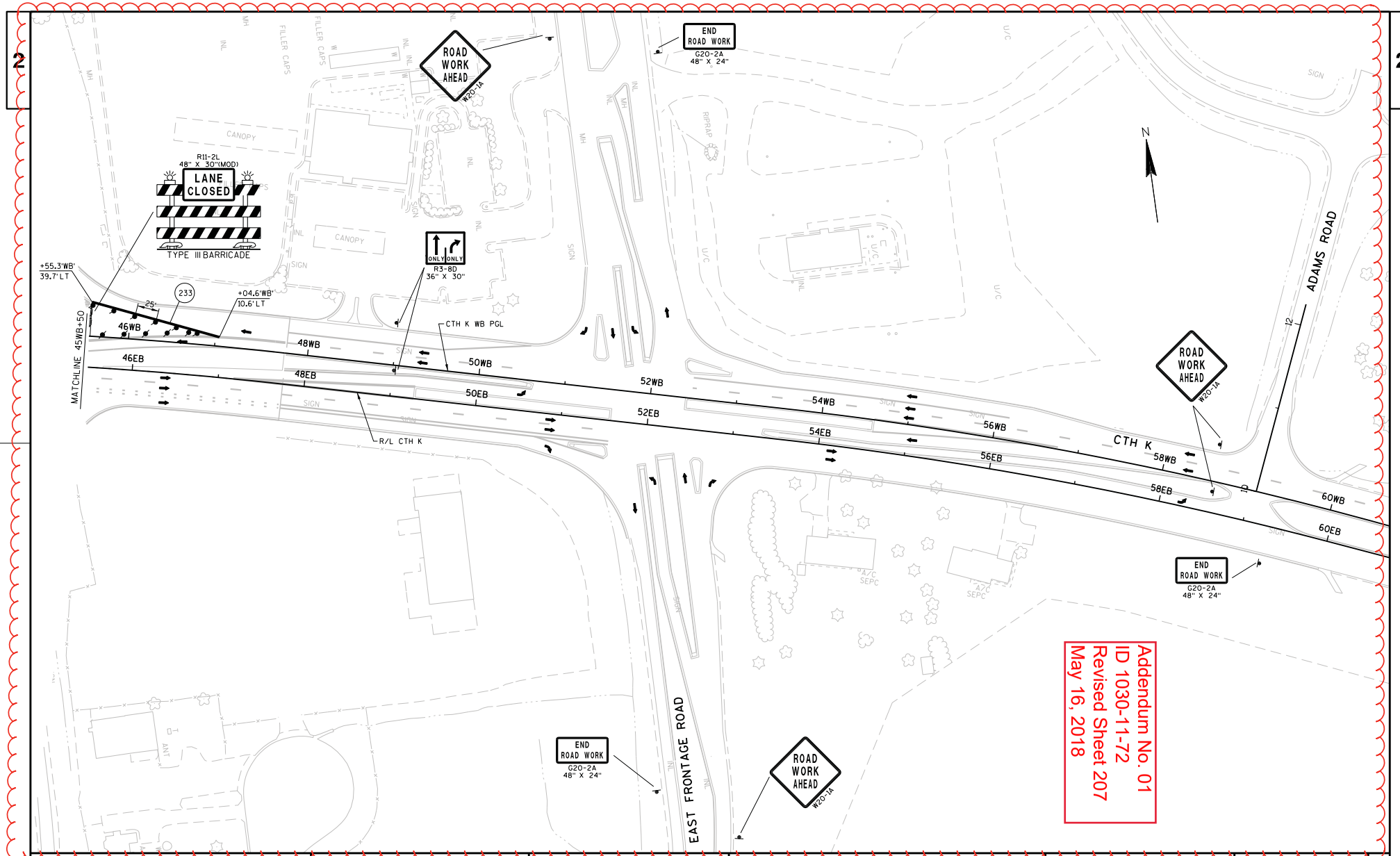
| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | TRAFFIC CONTROL - TYPICAL SECTIONS | SHEET 198 | E |
|---|---|---|---|---|---|




| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | STAGE 3A CONSTRUCTION | SCALE, FEET 0 50 100 | SHEET 206 | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\025203_s3A.DGN PLOT DATE : 08-MAY-2018 14:35 PLOT BY : ceven PLOT NAME : 025203_s3A PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

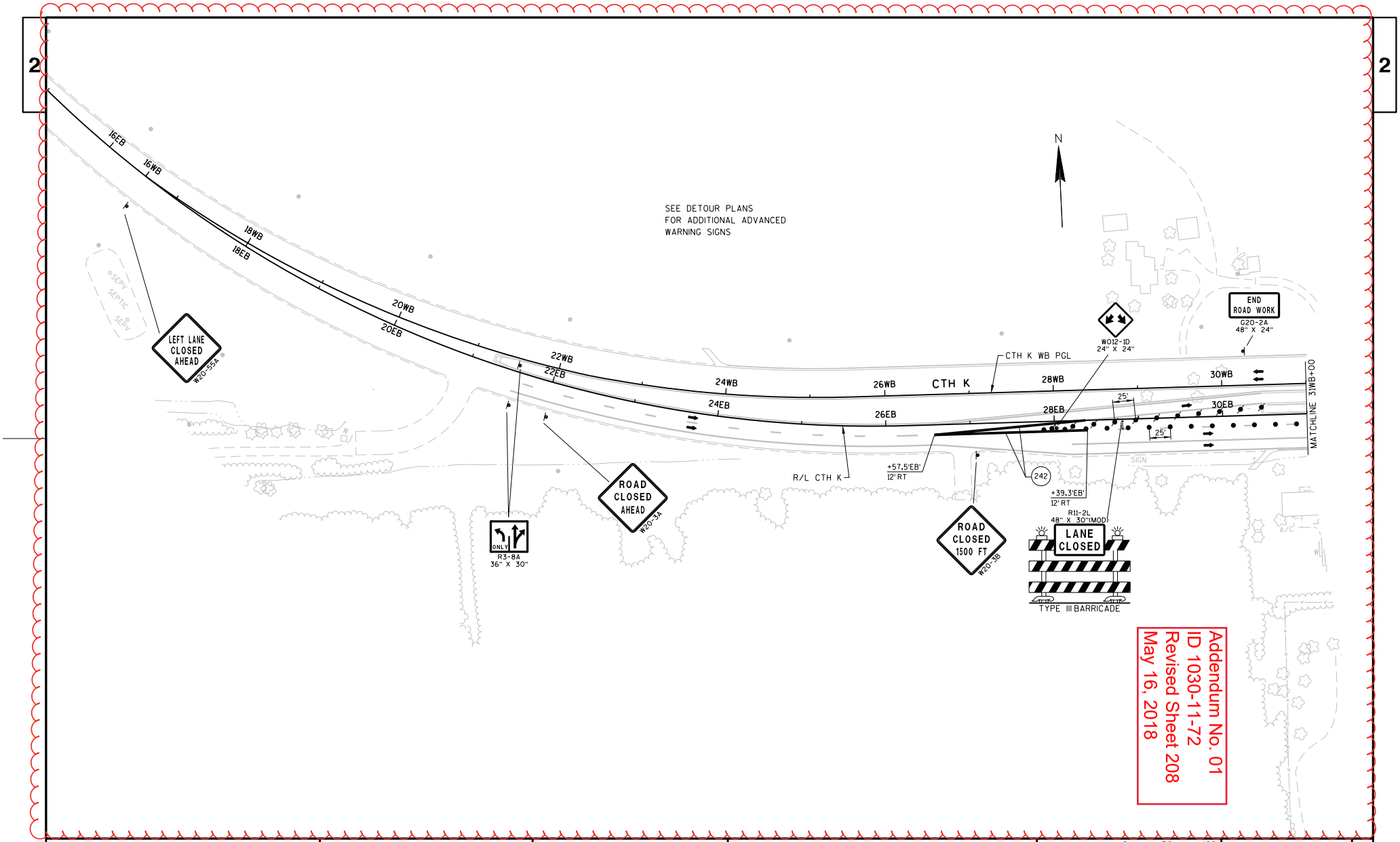



Addendum No. 01
ID 1030-11-72
Revised Sheet 207
May 16, 2018

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | STAGE 3A CONSTRUCTION | SCALE, FEET 0 50 100 | SHEET 207 | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\025204_s3A.DGN PLOT DATE : 08-MAY-2018 10:01 PLOT BY : ceven PLOT NAME : 025204_s3A PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42



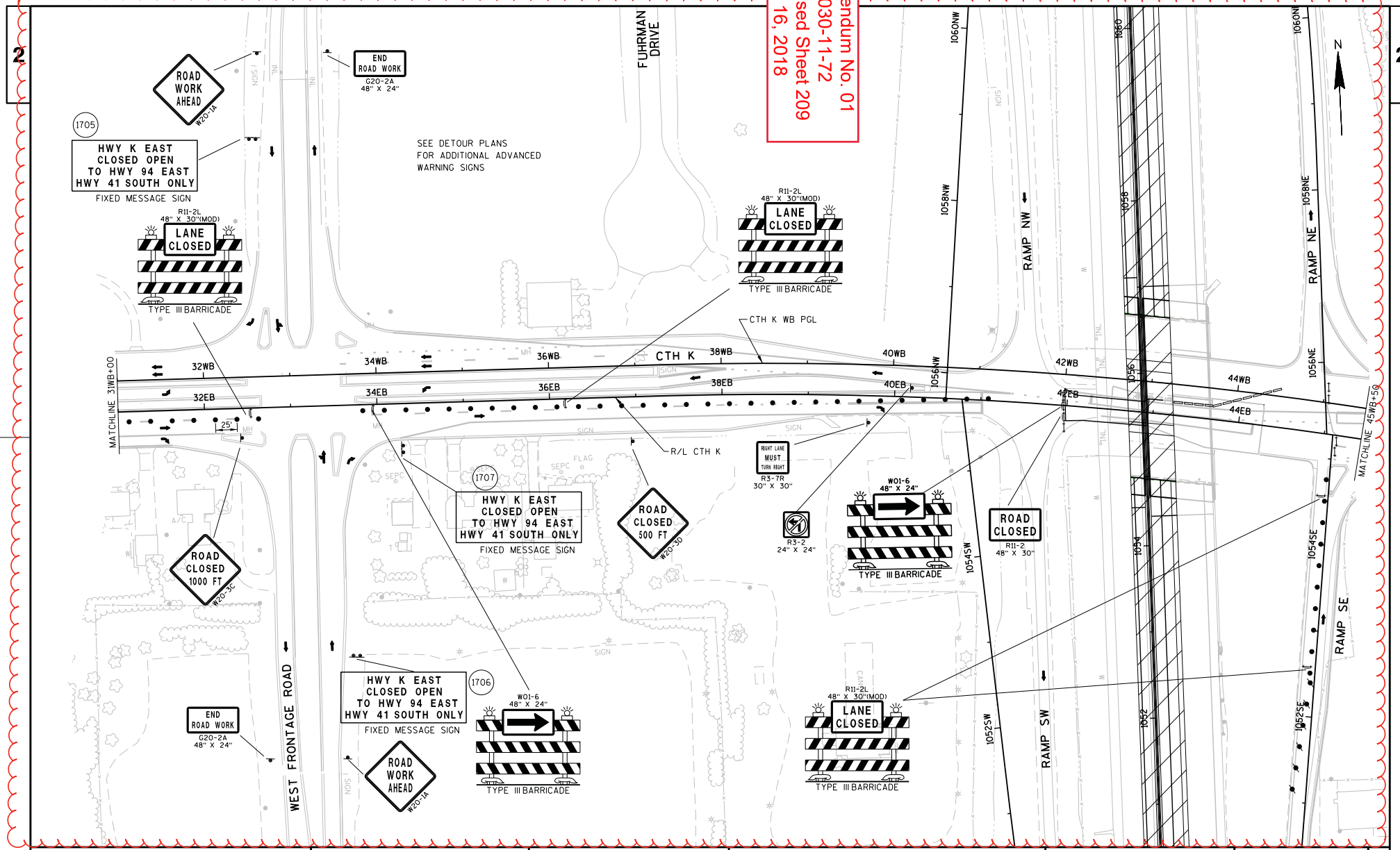

Addendum No. 01
ID 1030-11-72
Revised Sheet 208
May 16, 2018

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | STAGE 3B CONSTRUCTION | SCALE, FEET 0 50 100 | SHEET 208 | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\025202_s3B.DGN PLOT DATE : 08-MAY-2018 10:01 PLOT BY : ceven PLOT NAME : 025202_s3B PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

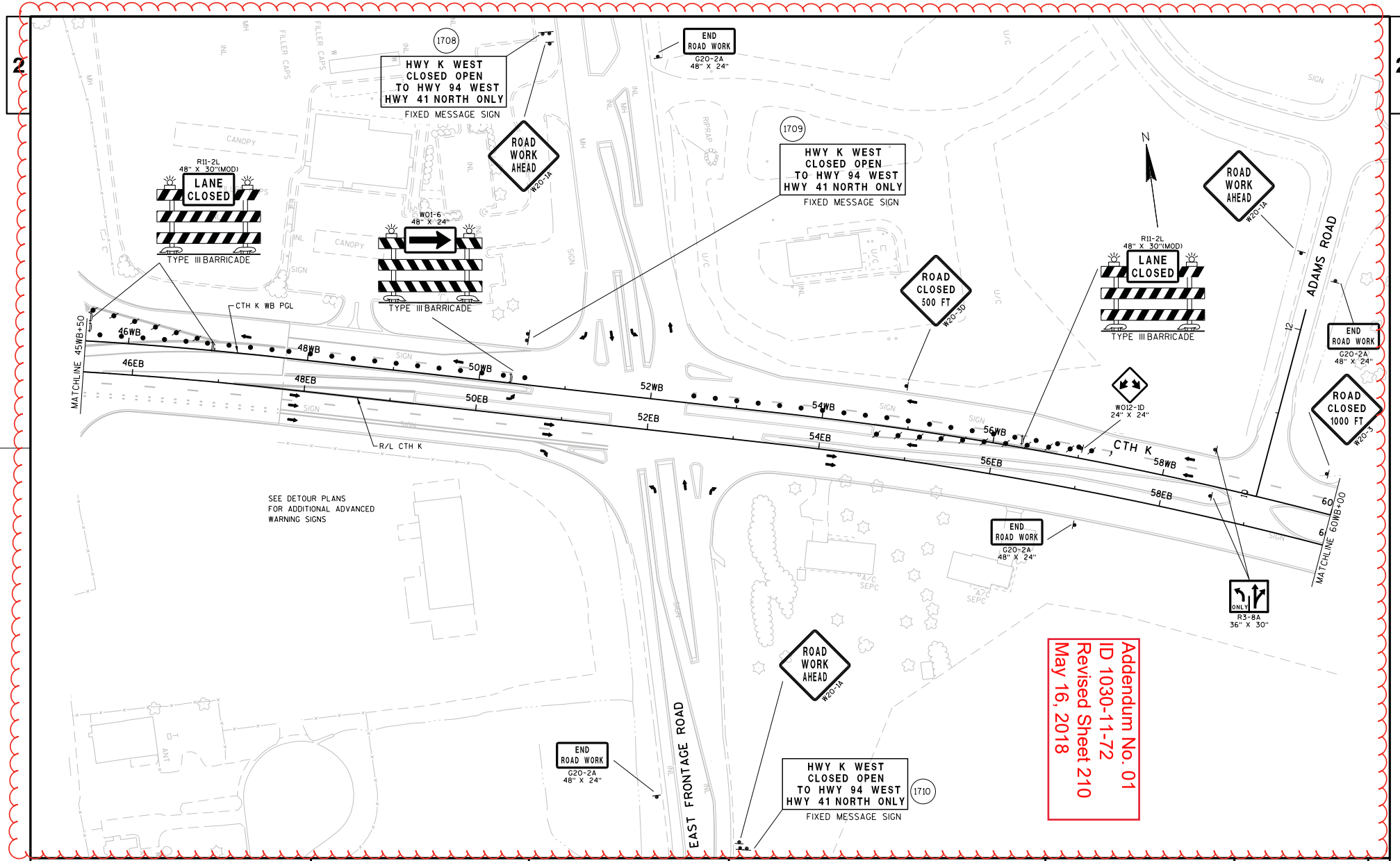
Addendum No. 01
ID 1030-11-72
Revised Sheet 209
May 16, 2018




| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | STAGE 3B CONSTRUCTION | SCALE, FEET 0 50 100 | SHEET 209 | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\025203_s3B.DGN PLOT DATE : 08-MAY-2018 14:37 PLOT BY : ceven PLOT NAME : 025203_s3B PLOT SCALE : 100:1

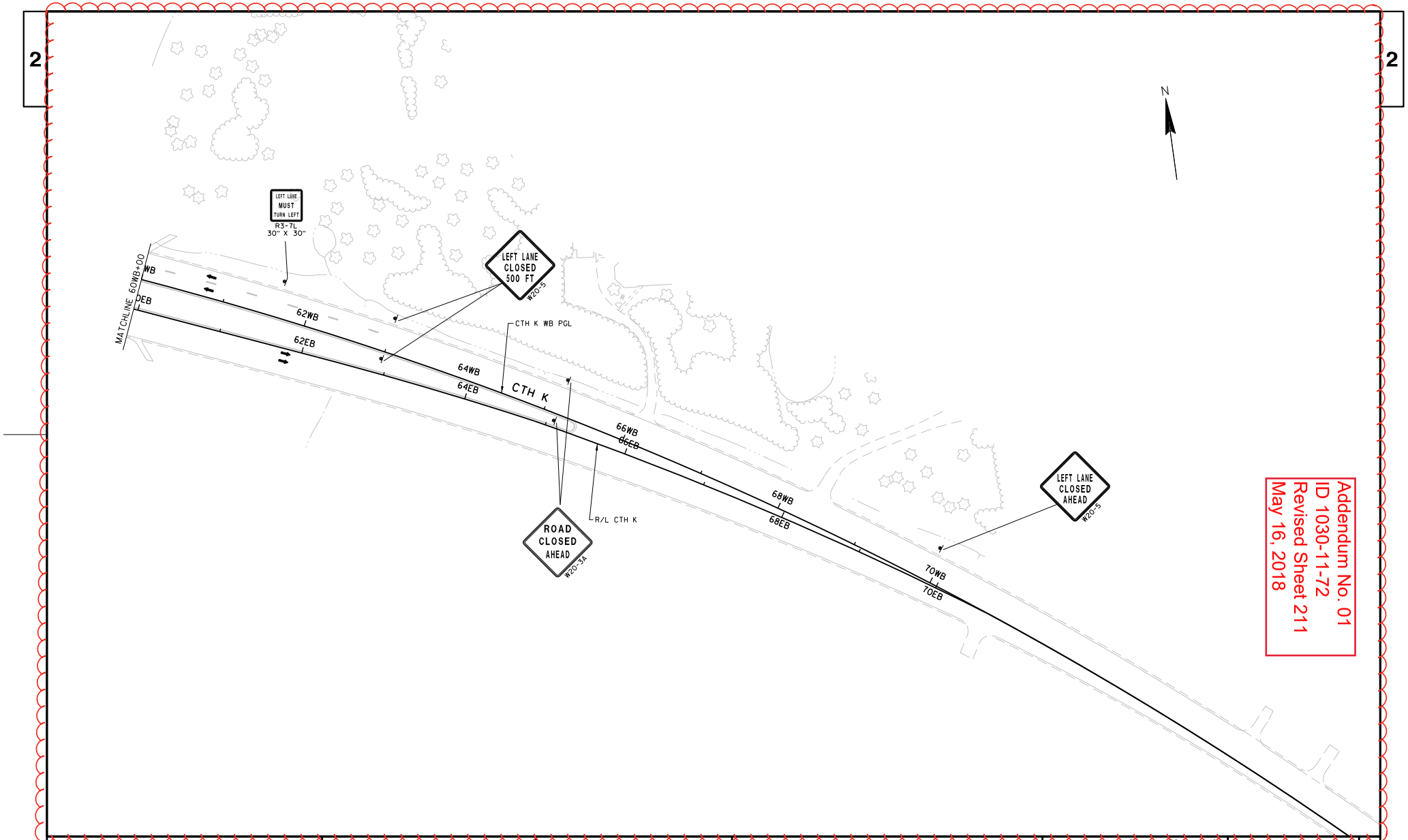
WISDOT/CADDS SHEET 42




| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | STAGE 3B CONSTRUCTION | SCALE, FEET 0 50 100 | SHEET 210 | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\025204_s3B.DGN PLOT DATE : 08-MAY-2018 13:59 PLOT BY : ceven PLOT NAME : 025204_s3B PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

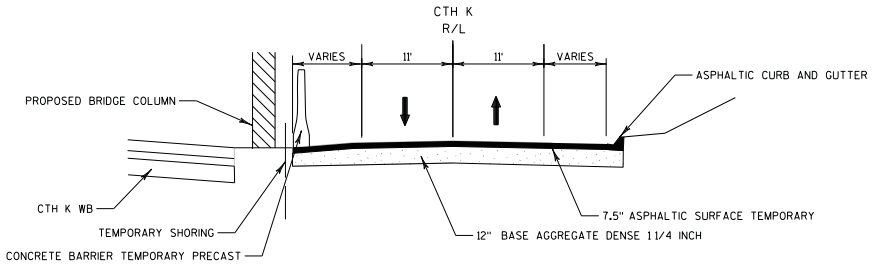



Addendum No. 01
ID 1030-11-72
Revised Sheet 211
May 16, 2018

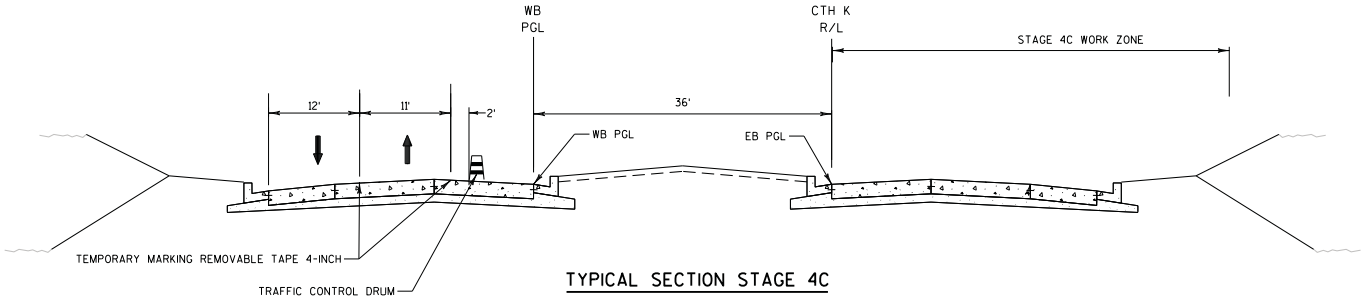
| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | STAGE 3B CONSTRUCTION | SCALE, FEET 0 50 100 | SHEET 211 | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\025205_s3B.DGN PLOT DATE : 08-MAY-2018 10:01 PLOT BY : ceven PLOT NAME : 025205_s3B PLOT SCALE : 100:1

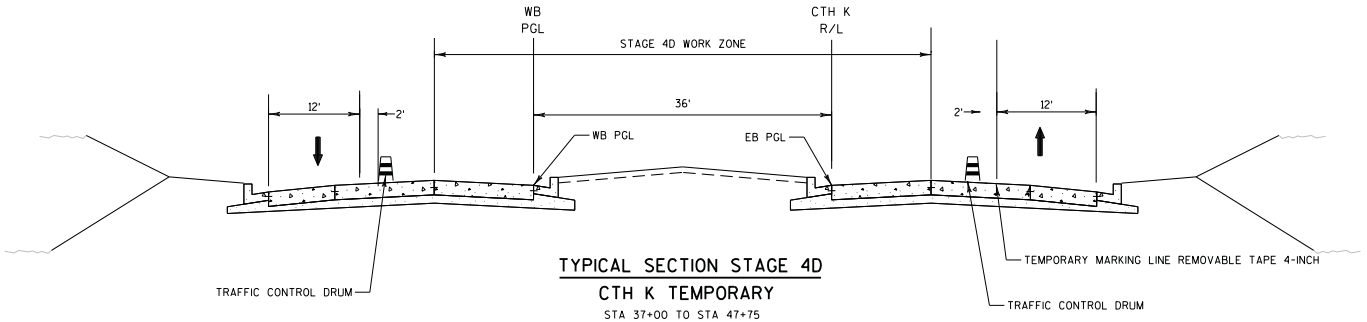
WISDOT/CADDS SHEET 42




## TYPICAL SECTION STAGE 4B
### CTH K TEMPORARY
STA 42+00 TO STA 44+00

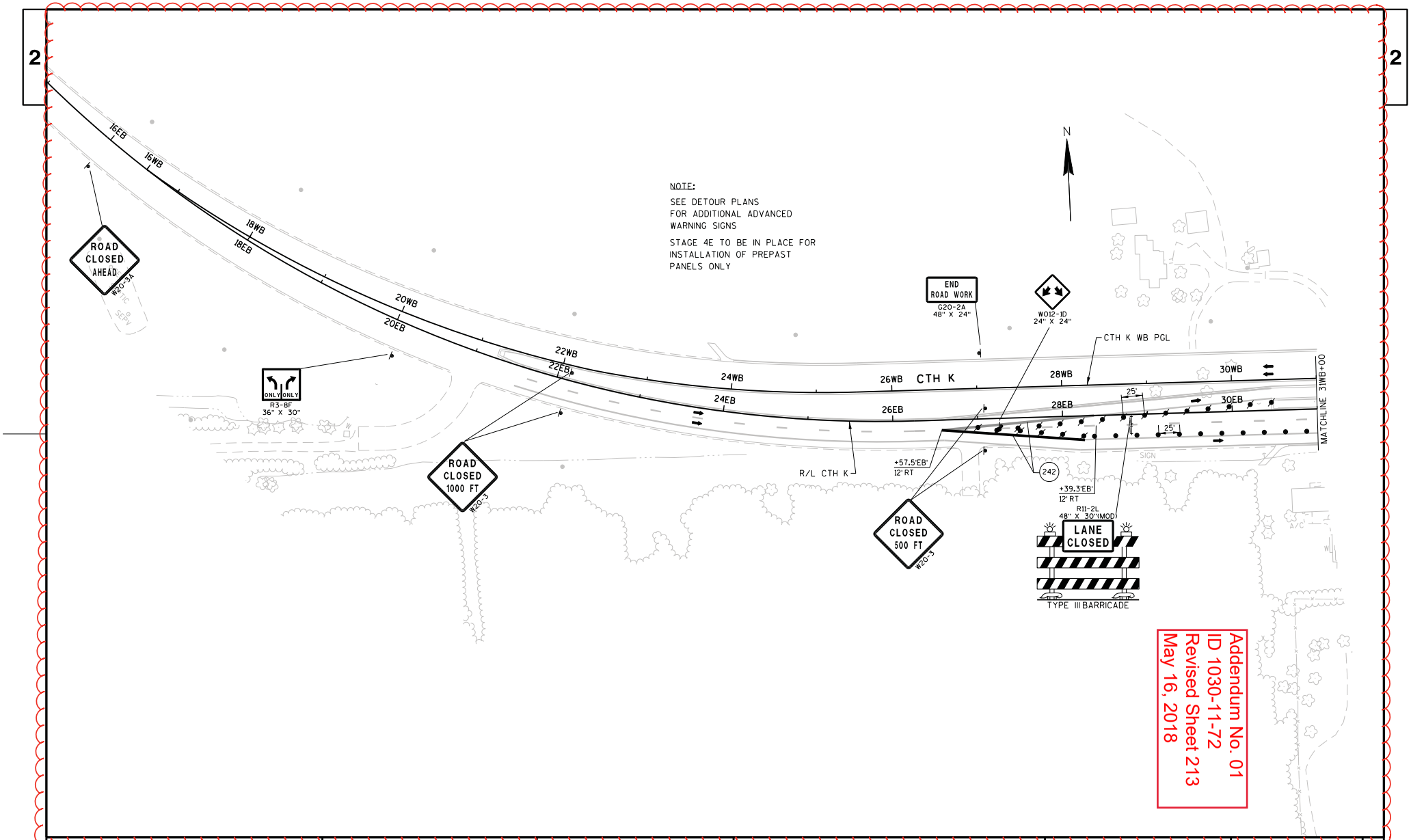



## TYPICAL SECTION STAGE 4C
### CTH K TEMPORARY
STA 37+00 TO STA 47+75




## TYPICAL SECTION STAGE 4D
### CTH K TEMPORARY
STA 37+00 TO STA 47+75

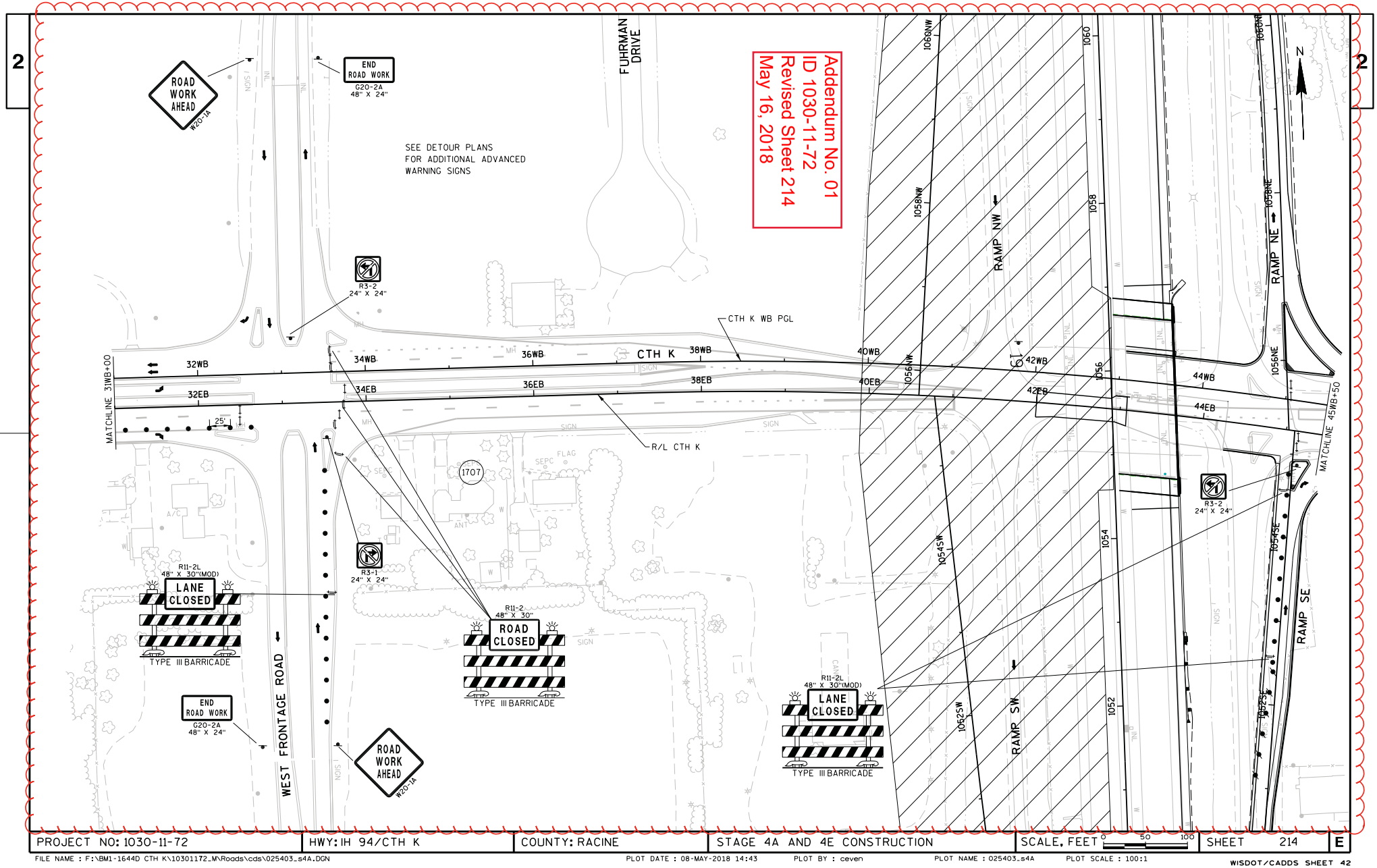
Addendum No. 01
ID 1030-11-72
Revised Sheet 212
May 16, 2018




| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | STAGE 4A AND 4E CONSTRUCTION | SCALE, FEET 0 50 100 | SHEET 213 | E |
|---|---|---|---|---|---|---|

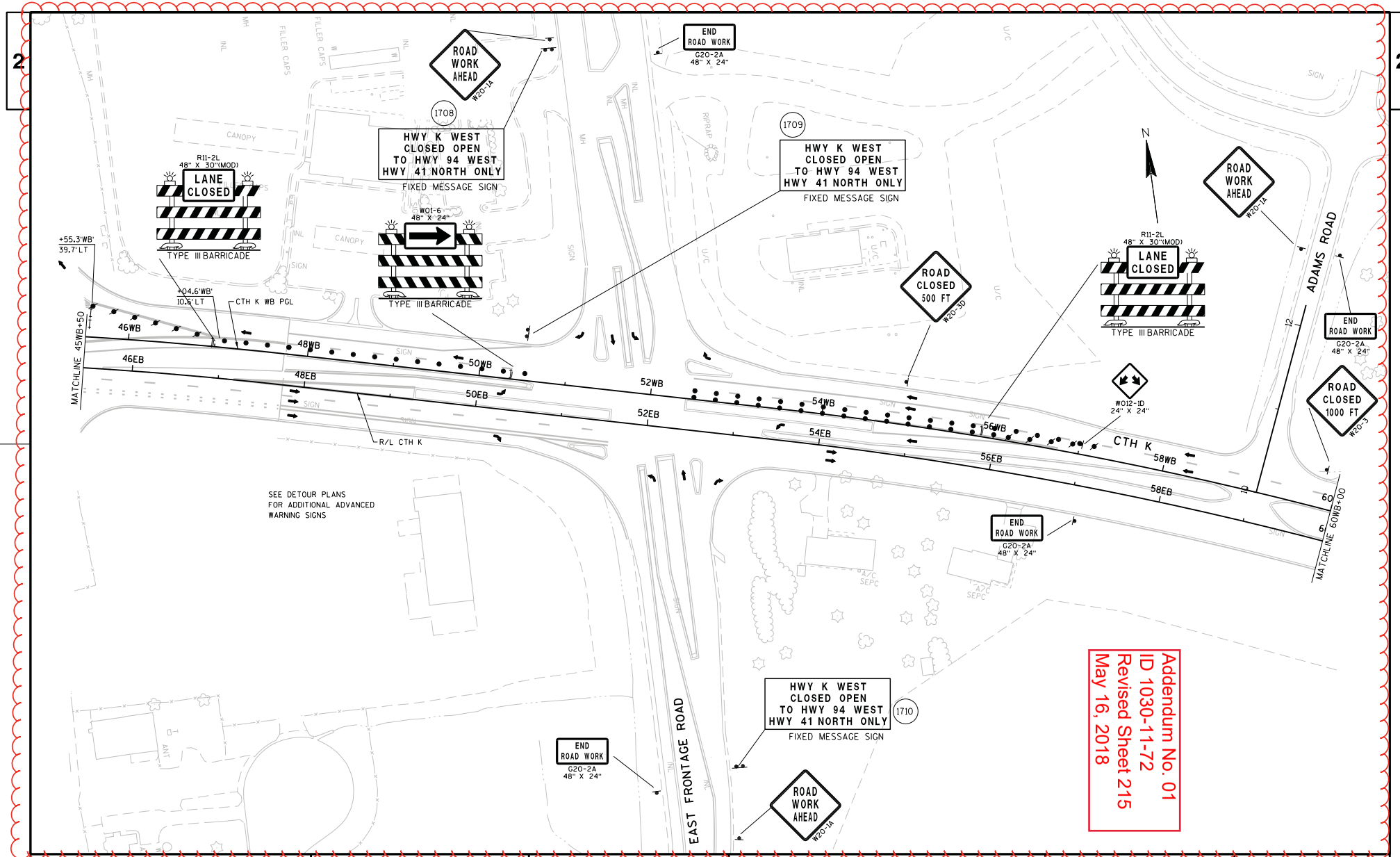
FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\025202_s4A.DGN PLOT DATE : 08-MAY-2018 14:43 PLOT BY : ceven PLOT NAME : 025202_s4A PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42




| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | STAGE 4A AND 4E CONSTRUCTION | SCALE, FEET | SHEET 214 | E |
|---|---|---|---|---|---|---|

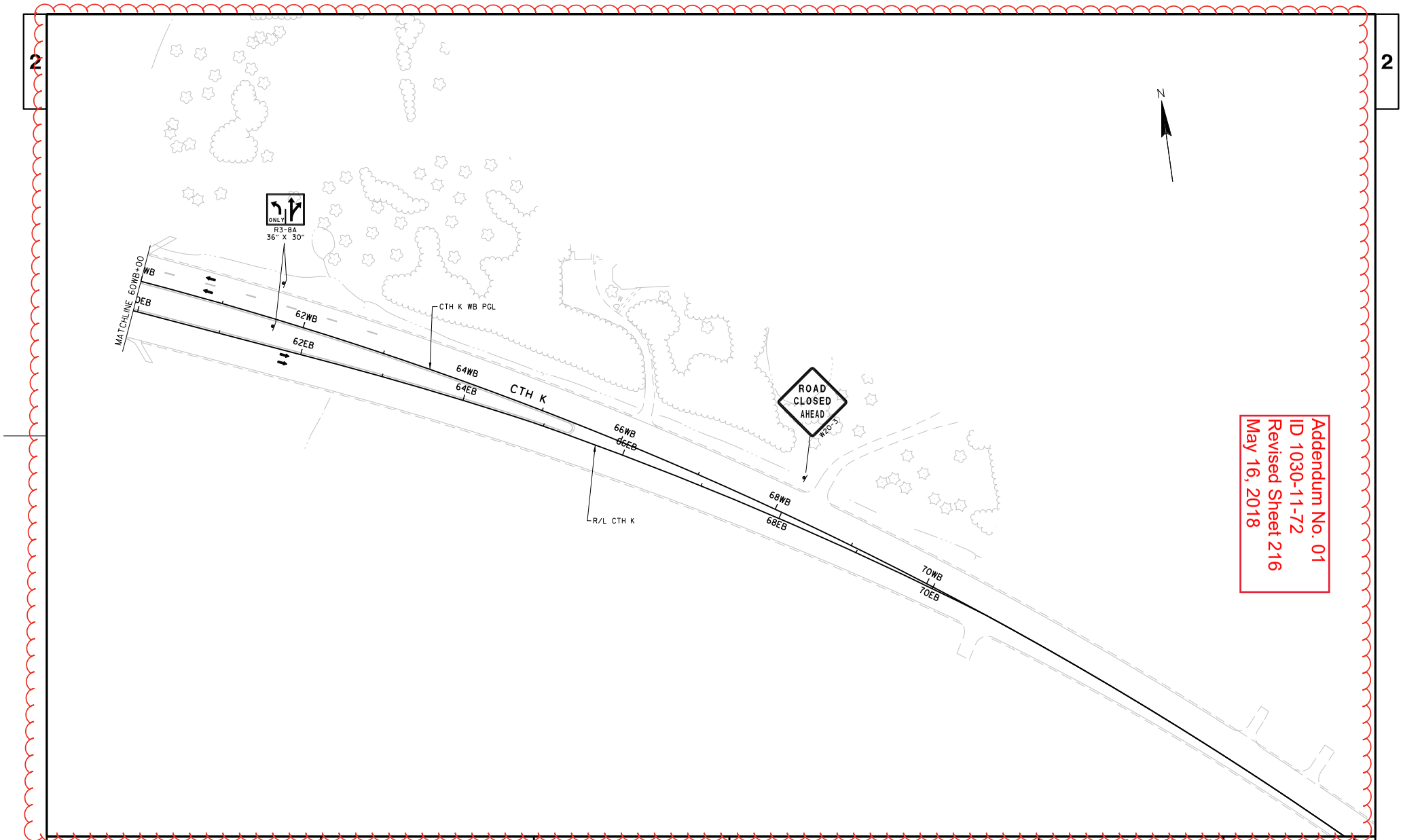
FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\025403_s4A.DGN PLOT DATE : 08-MAY-2018 14:43 PLOT BY : ceven PLOT NAME : 025403_s4A PLOT SCALE : 100:1




| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | STAGE 4A AND 4E CONSTRUCTION | SCALE, FEET 0 50 100 | SHEET 215 | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\025404_s4A.DGN PLOT DATE : 08-MAY-2018 14:43 PLOT BY : ceven PLOT NAME : 025404_s4A PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

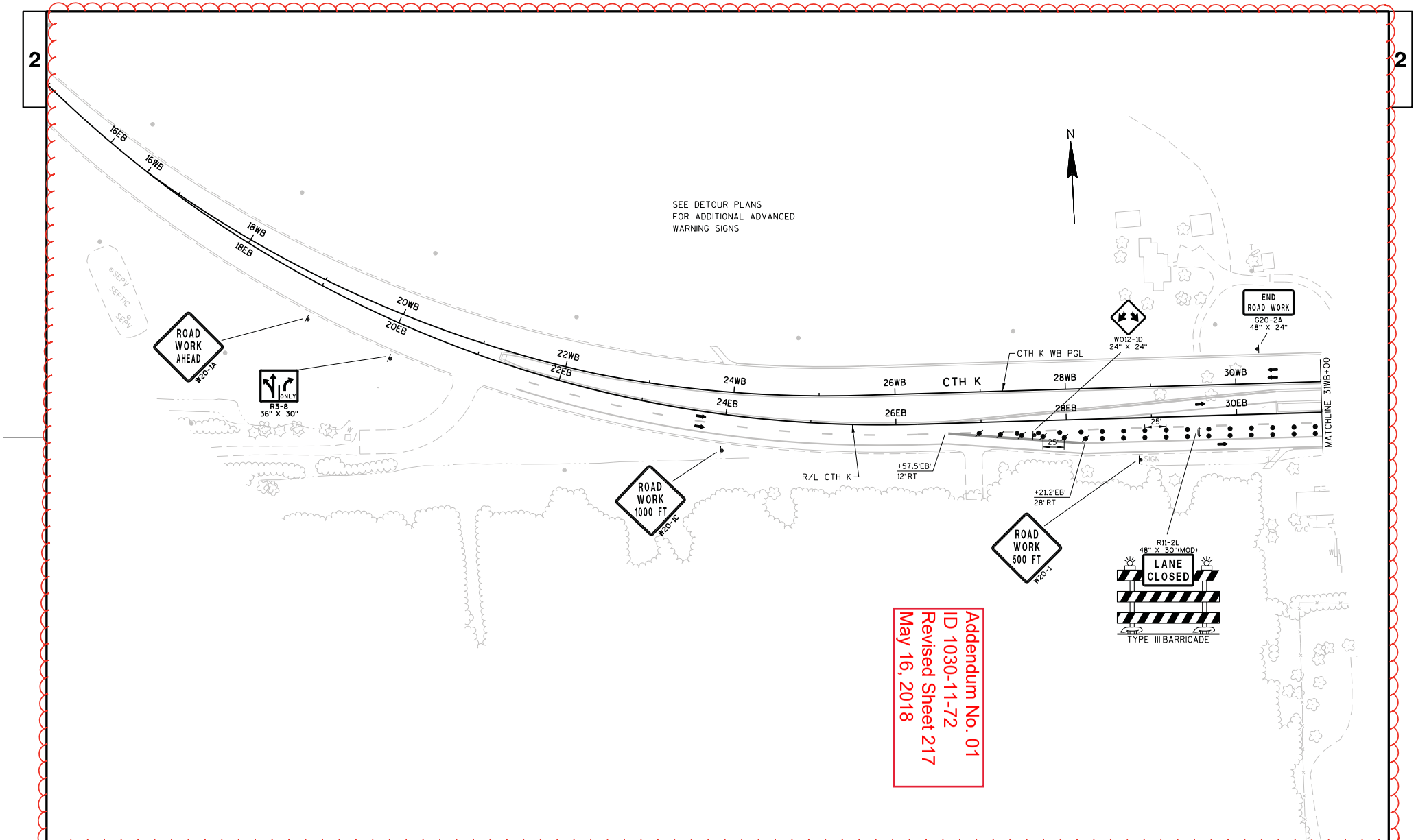



Addendum No. 01
ID 1030-11-72
Revised Sheet 216
May 16, 2018

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | STAGE 4A AND 4E CONSTRUCTION | SCALE, FEET 0 50 100 | SHEET 216 | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\025205_s4A.DGN PLOT DATE : 08-MAY-2018 14:43 PLOT BY : ceven PLOT NAME : 025205_s4A PLOT SCALE : 100:1

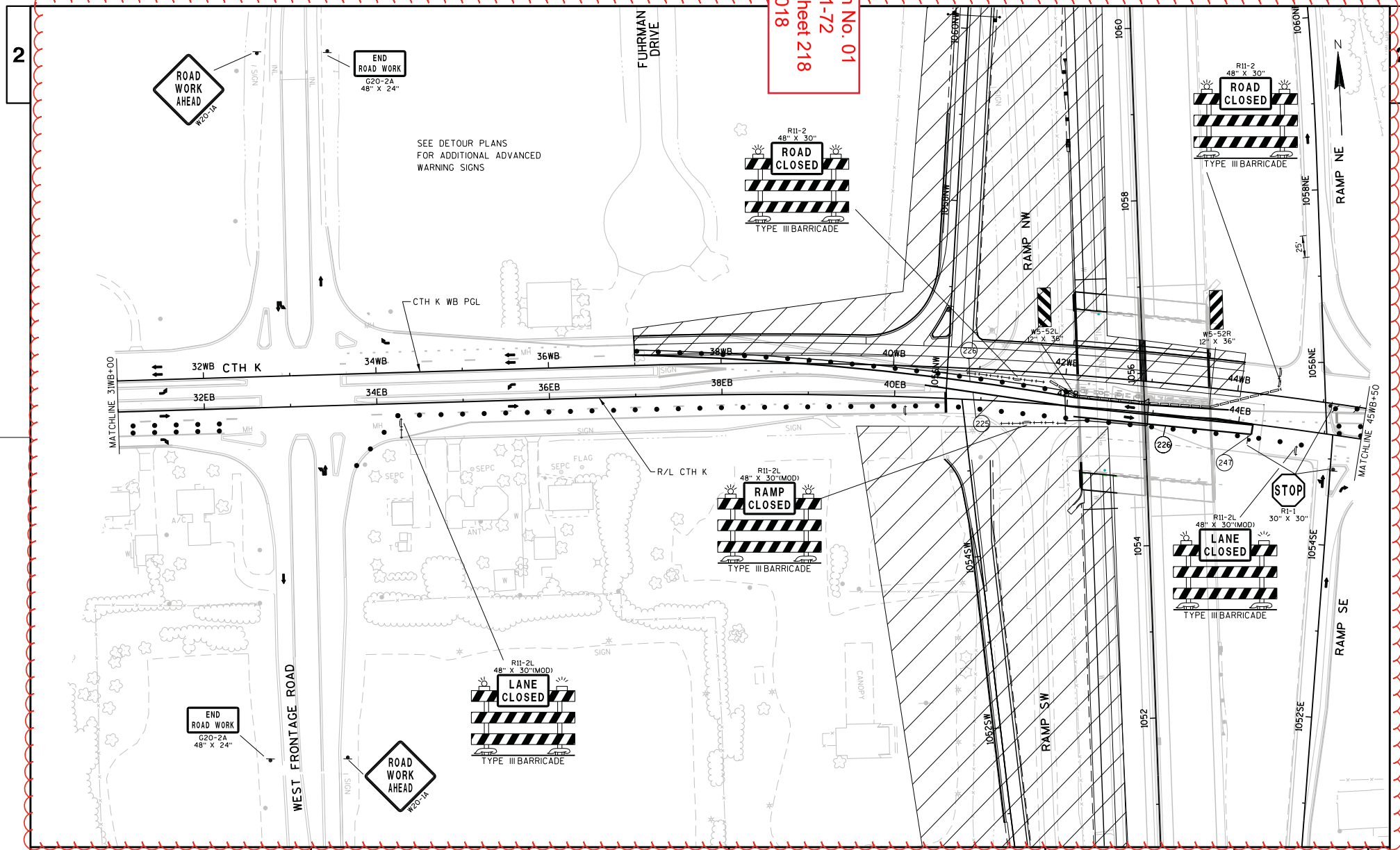
WISDOT/CADDS SHEET 42




| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | STAGE 4B CONSTRUCTION | SCALE, FEET 0 50 100 | SHEET 217 | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\025202_s4B.DGN PLOT DATE : 08-MAY-2018 10:02 PLOT BY : ceven PLOT NAME : 025202_s4B PLOT SCALE : 100:1

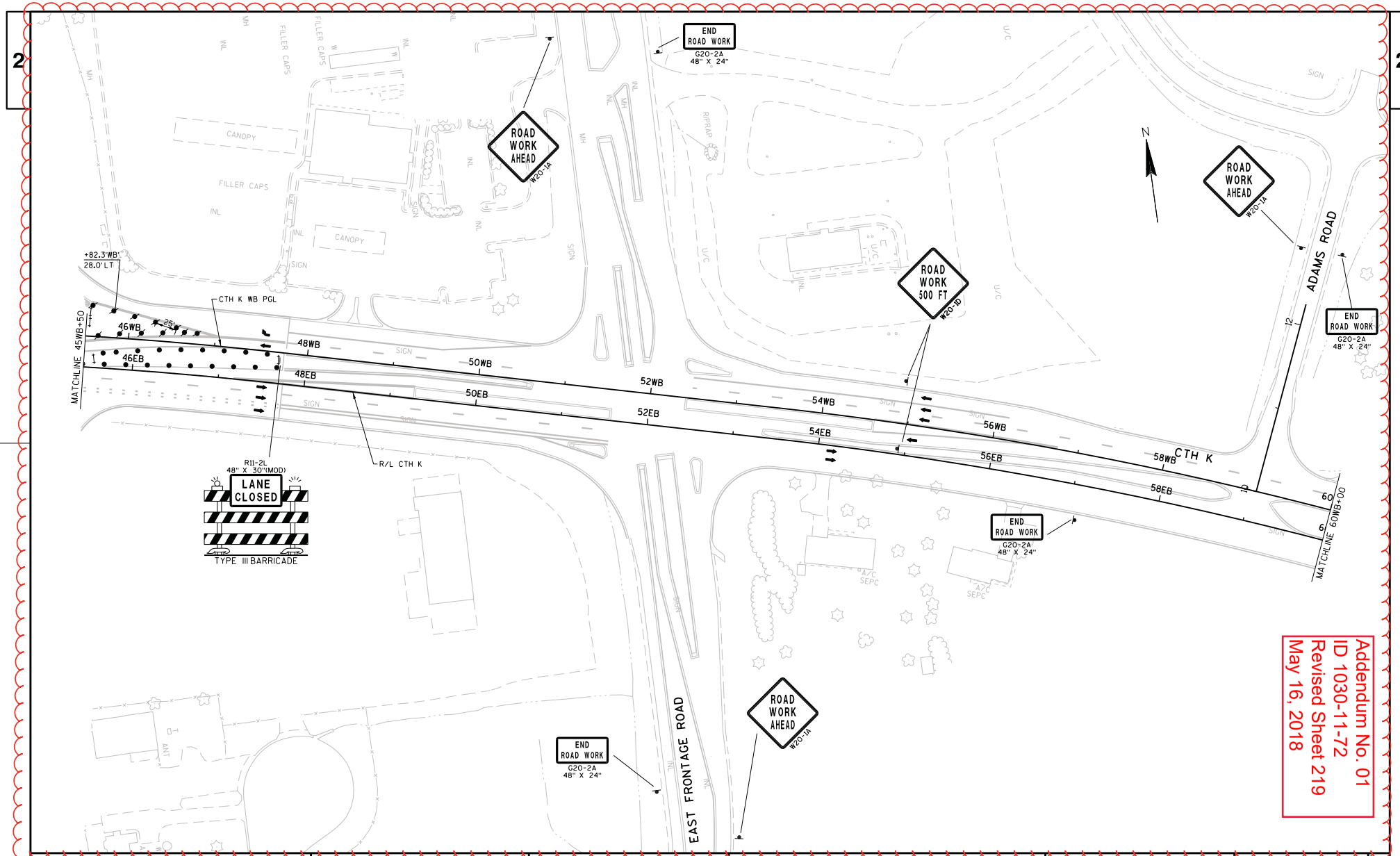
Addendum No. 01
ID 1030-11-72
Revised Sheet 218
May 16, 2018




| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | STAGE 4B CONSTRUCTION | SCALE, FEET 0 50 100 | SHEET 218 | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\025403_s4B.DGN PLOT DATE : 08-MAY-2018 16:00 PLOT BY : ceven PLOT NAME : 025403_s4B PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

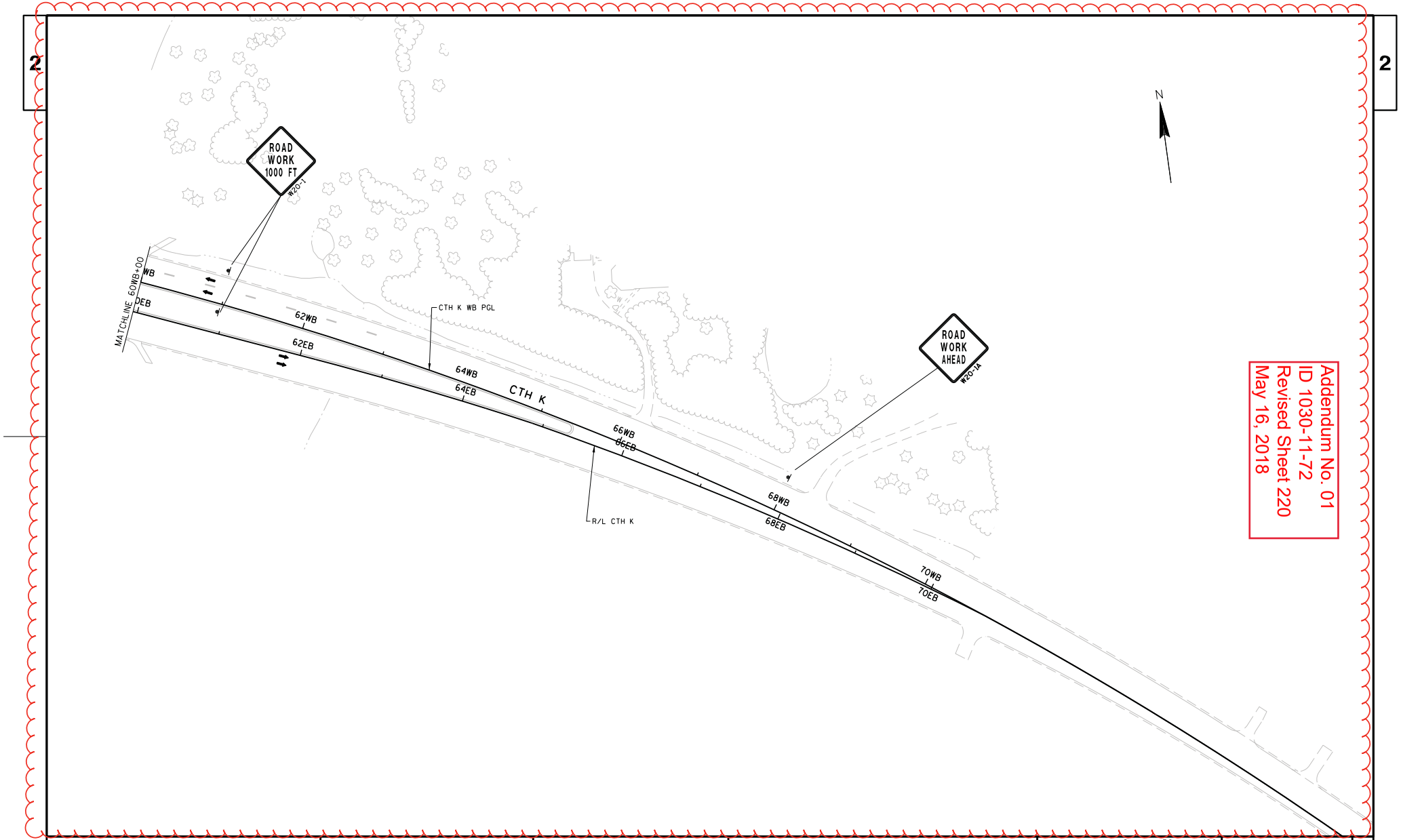



Addendum No. 01
ID 1030-11-72
Revised Sheet 219
May 16, 2018

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | STAGE 4B CONSTRUCTION | SCALE, FEET 0 50 100 | SHEET 219 | E |
|---|---|---|---|---|---|---|

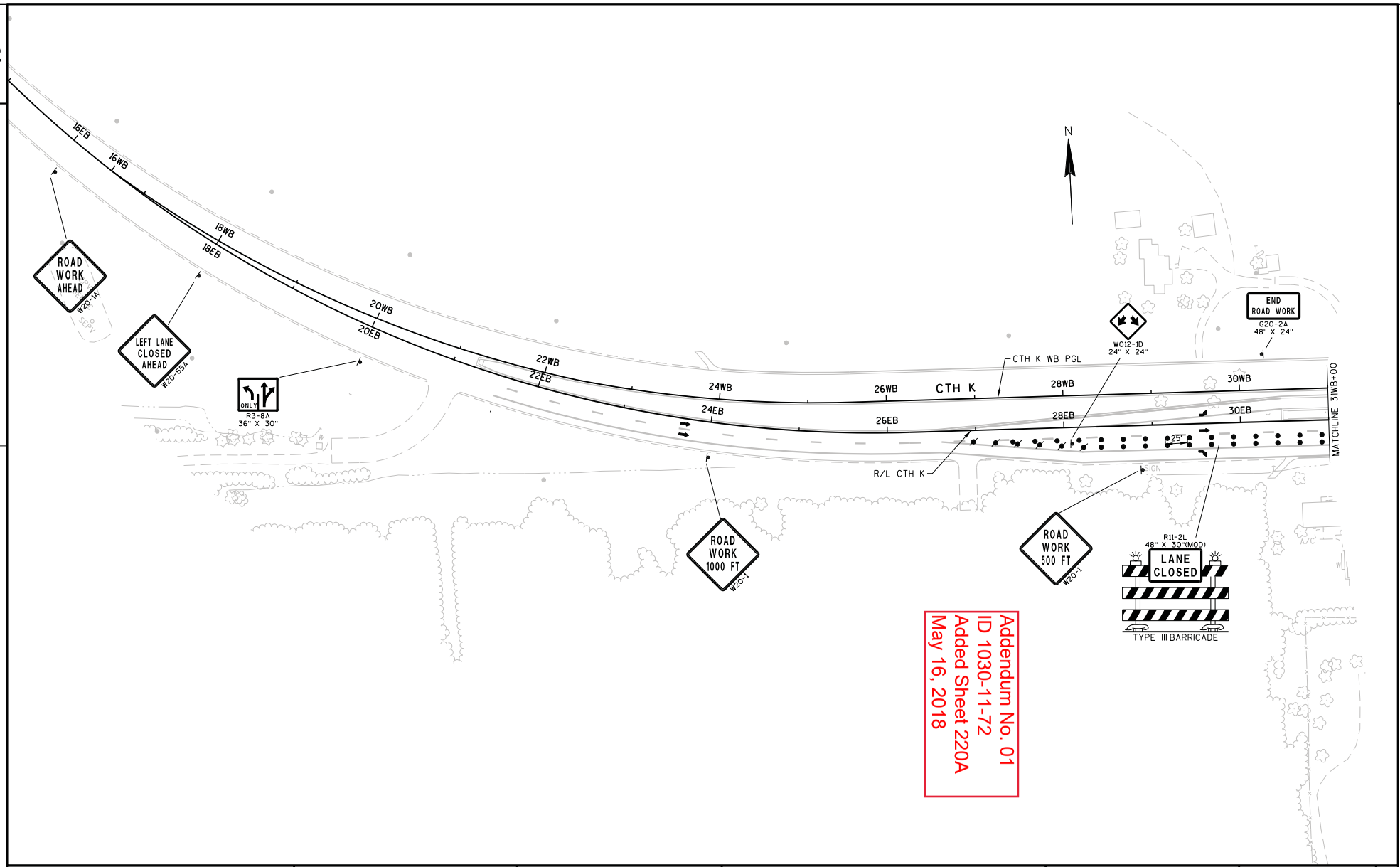
FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\025404_s4B.DGN PLOT DATE : 08-MAY-2018 10:02 PLOT BY : ceven PLOT NAME : 025404_s4B PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42




| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | STAGE 4B CONSTRUCTION | SCALE, FEET 0 50 100 | SHEET 220 | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\025205_s4B.DGN PLOT DATE : 08-MAY-2018 10:02 PLOT BY : ceven PLOT NAME : 025205_s4B PLOT SCALE : 100:1

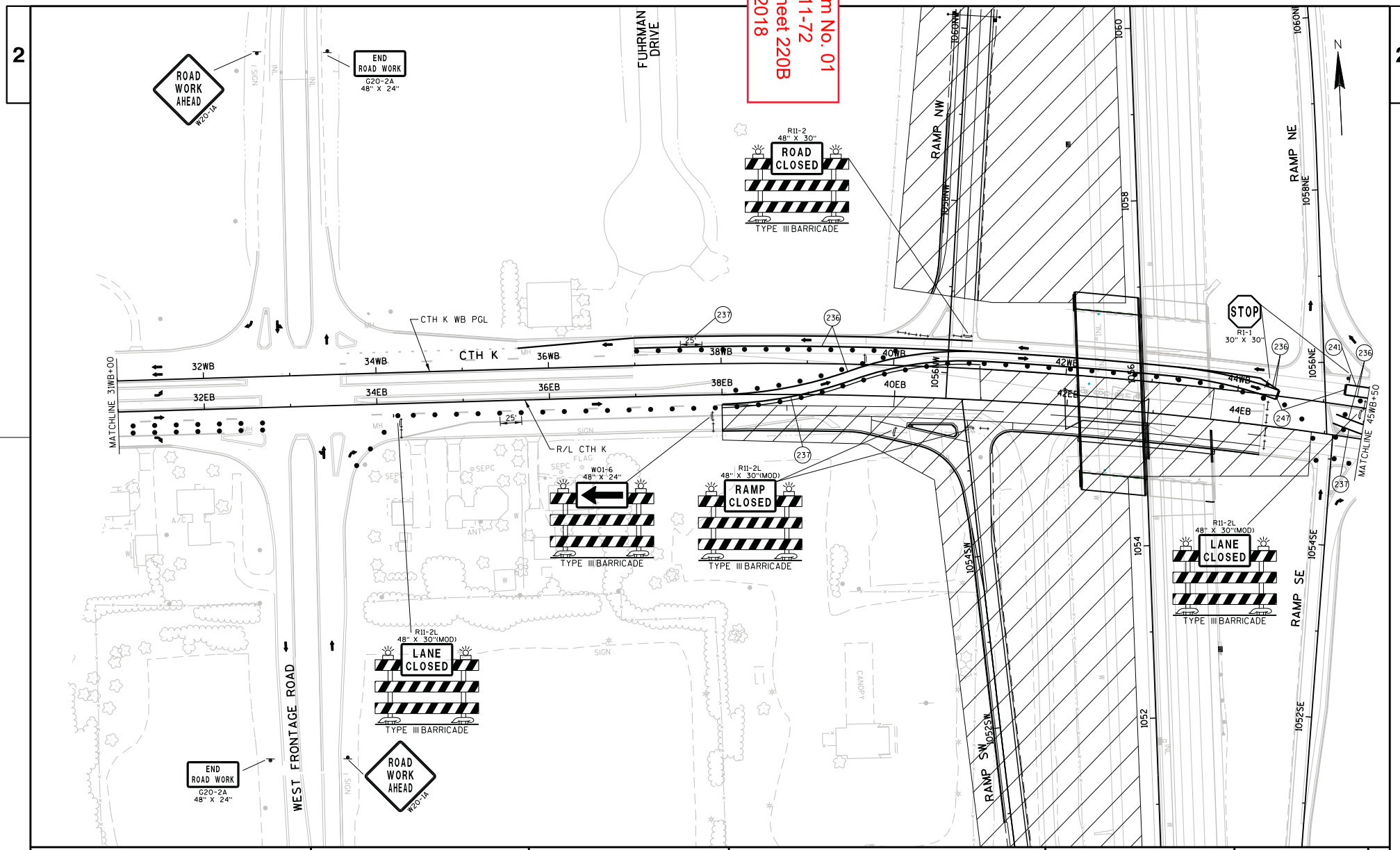



Addendum No. 01
ID 1030-11-72
Added Sheet 220A
May 16, 2018

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | STAGE 4C CONSTRUCTION | SCALE, FEET 0 50 100 | SHEET 220A | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\025202_s4C.DGN PLOT DATE : 08-MAY-2018 10:02 PLOT BY : ceven PLOT NAME : 025202_s4C PLOT SCALE : 100:1

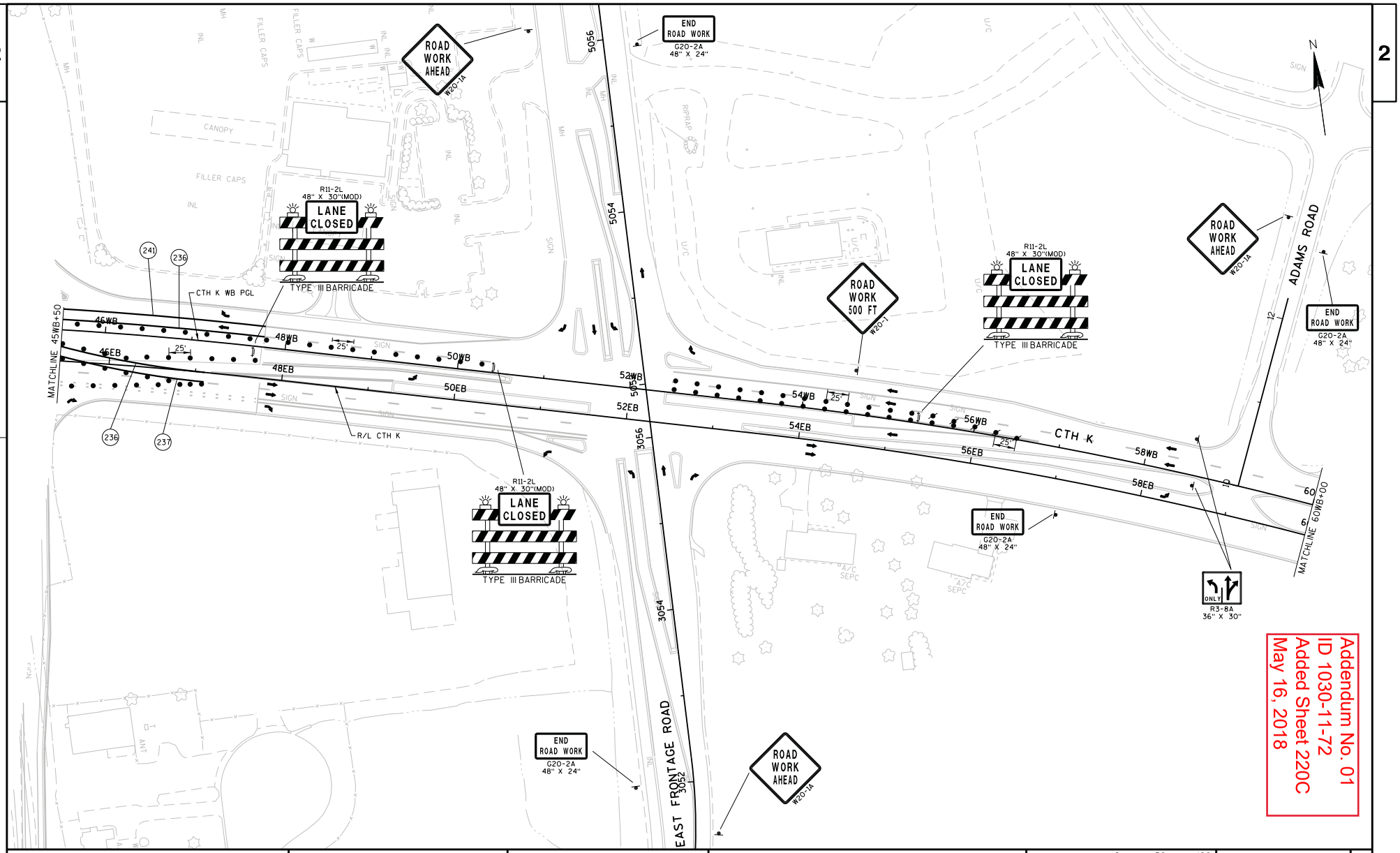
Addendum No. 01
ID 1030-11-72
Added Sheet 220B
May 16, 2018




| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | STAGE 4C CONSTRUCTION | SCALE, FEET 0 50 100 | SHEET 220B | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\025403_s4C.DGN PLOT DATE : 08-MAY-2018 16:00 PLOT BY : ceven PLOT NAME : 025403_s4C PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

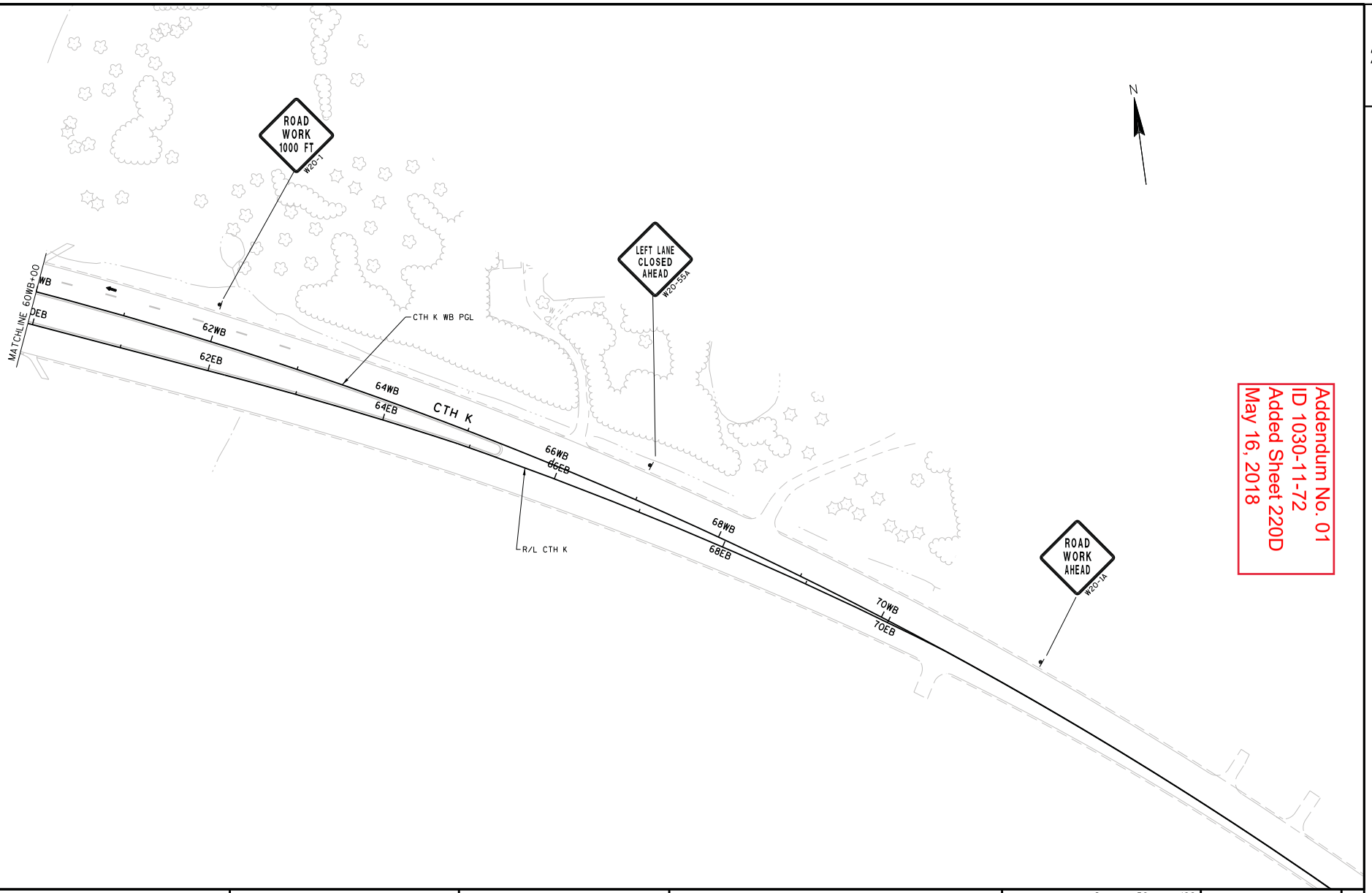



Addendum No. 01
ID 1030-11-72
Added Sheet 220C
May 16, 2018

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | STAGE 4C CONSTRUCTION | SCALE, FEET 0 50 100 | SHEET 220C | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\025404_s4C.DGN PLOT DATE : 08-MAY-2018 10:02 PLOT BY : ceven PLOT NAME : 025404_s4C PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

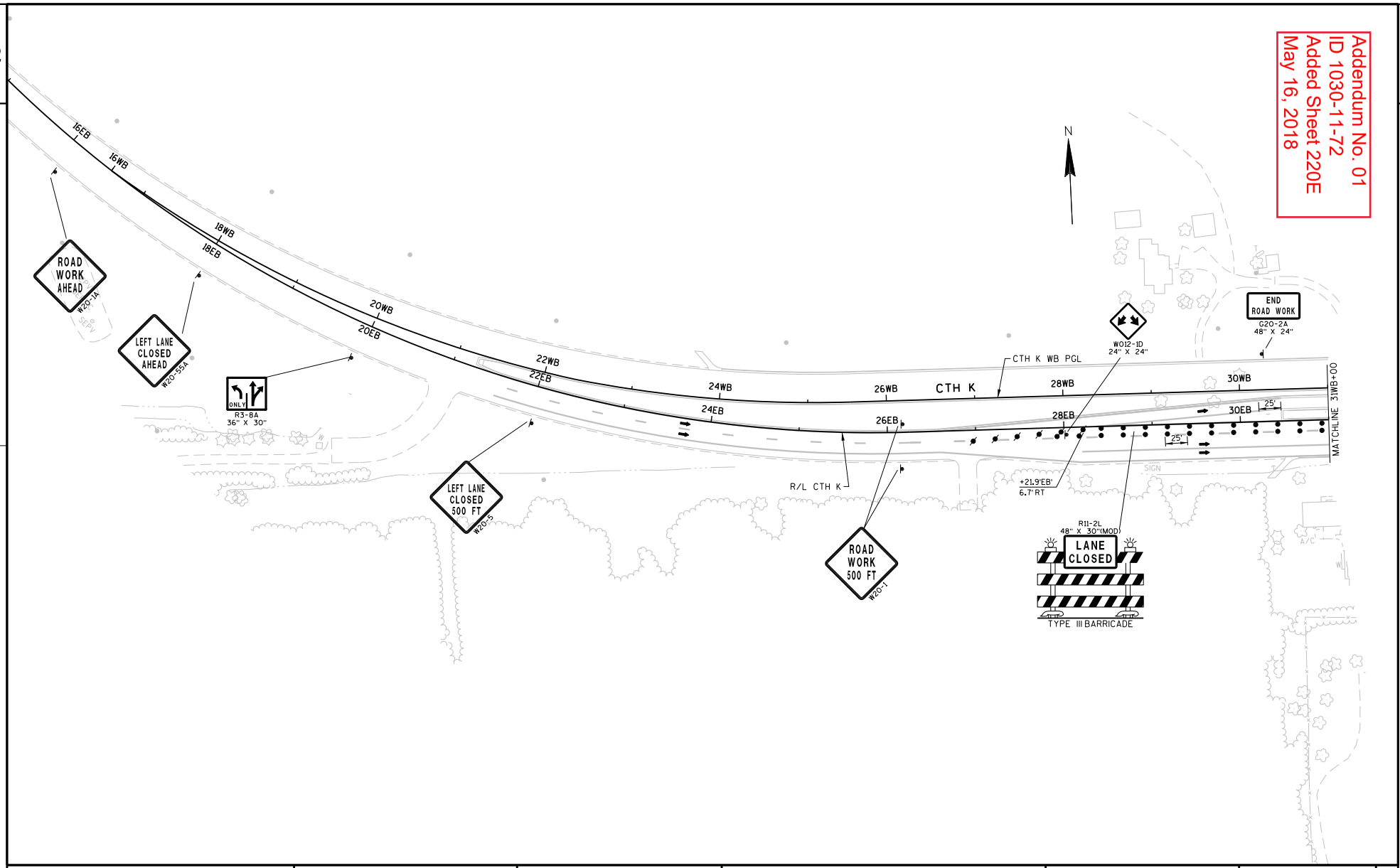



| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | STAGE 4C CONSTRUCTION | SCALE, FEET 0 50 100 | SHEET 220D | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\025205_s4C.DGN PLOT DATE : 08-MAY-2018 10:02 PLOT BY : ceven PLOT NAME : 025205_s4C PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

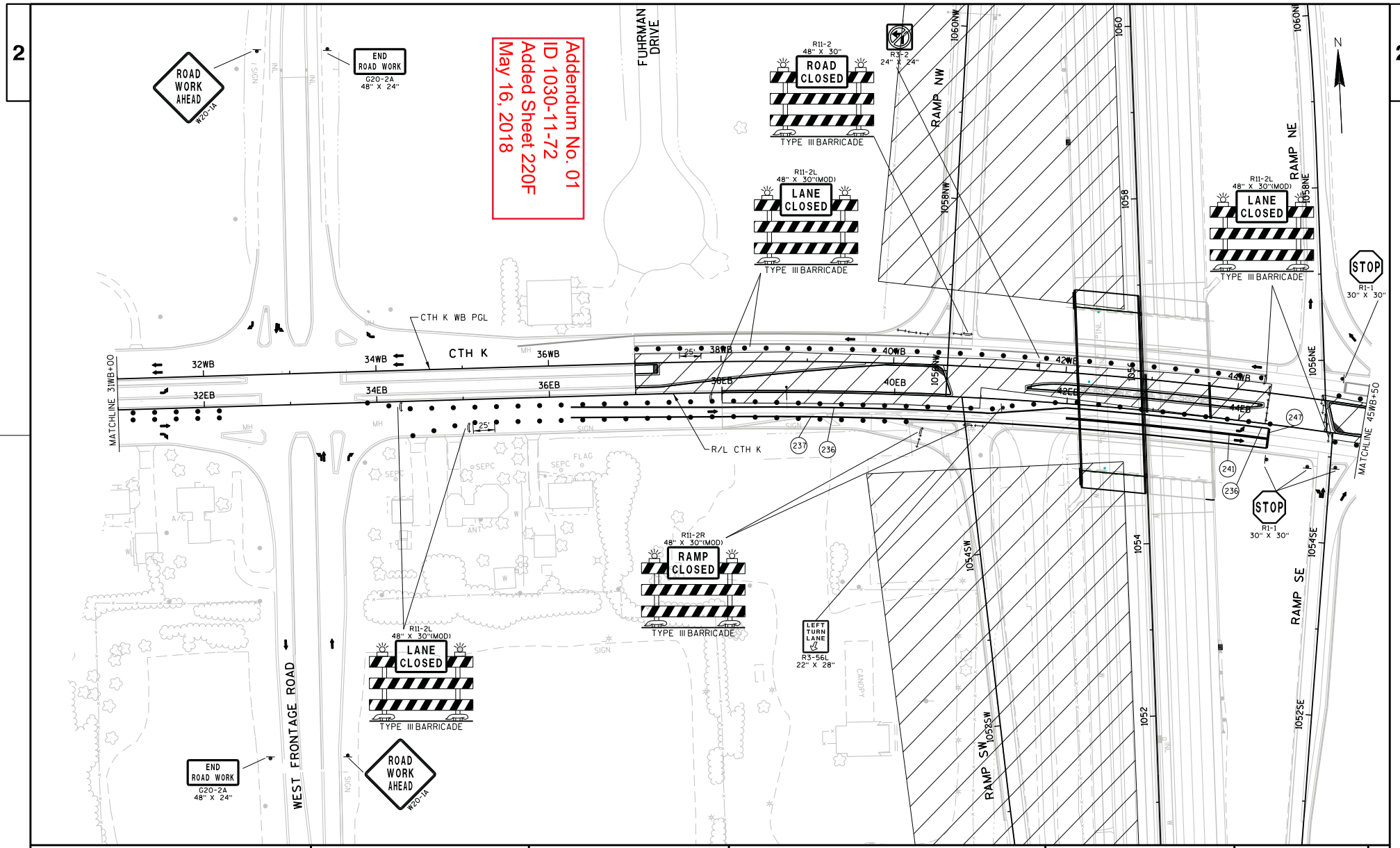
Addendum No. 01
ID 1030-11-72
Added Sheet 220E
May 16, 2018




| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | STAGE 4D CONSTRUCTION | SCALE, FEET 0 50 100 | SHEET 220E | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\025202_s4D.DGN PLOT DATE : 08-MAY-2018 10:02 PLOT BY : ceven PLOT NAME : 025202_s4D PLOT SCALE : 100:1

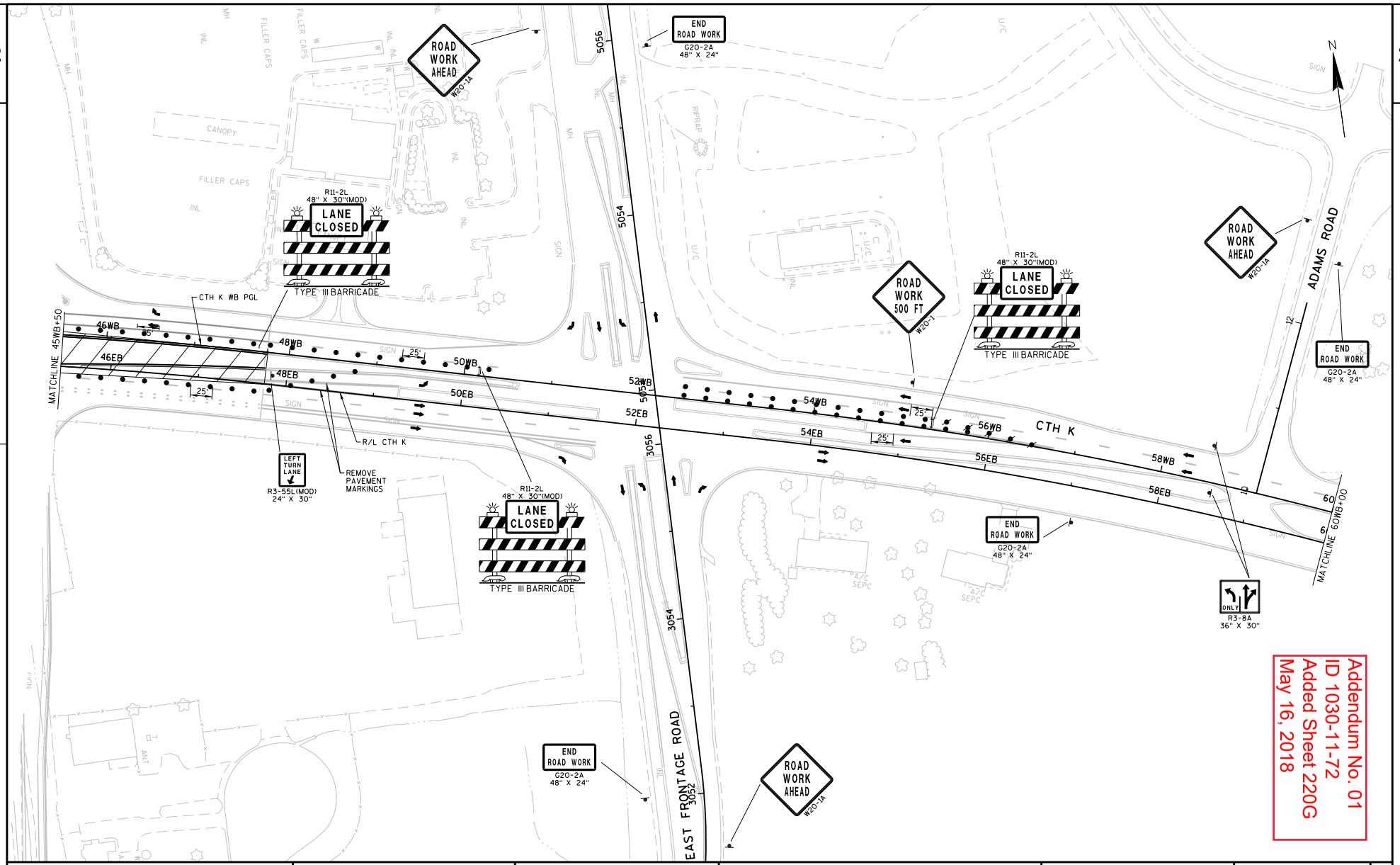
WISDOT/CADDS SHEET 42




| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | STAGE 4D CONSTRUCTION | SCALE, FEET 0 50 100 | SHEET 220F | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\025403_s4D.DGN PLOT DATE : 08-MAY-2018 16:01 PLOT BY : ceven PLOT NAME : 025403_s4D PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

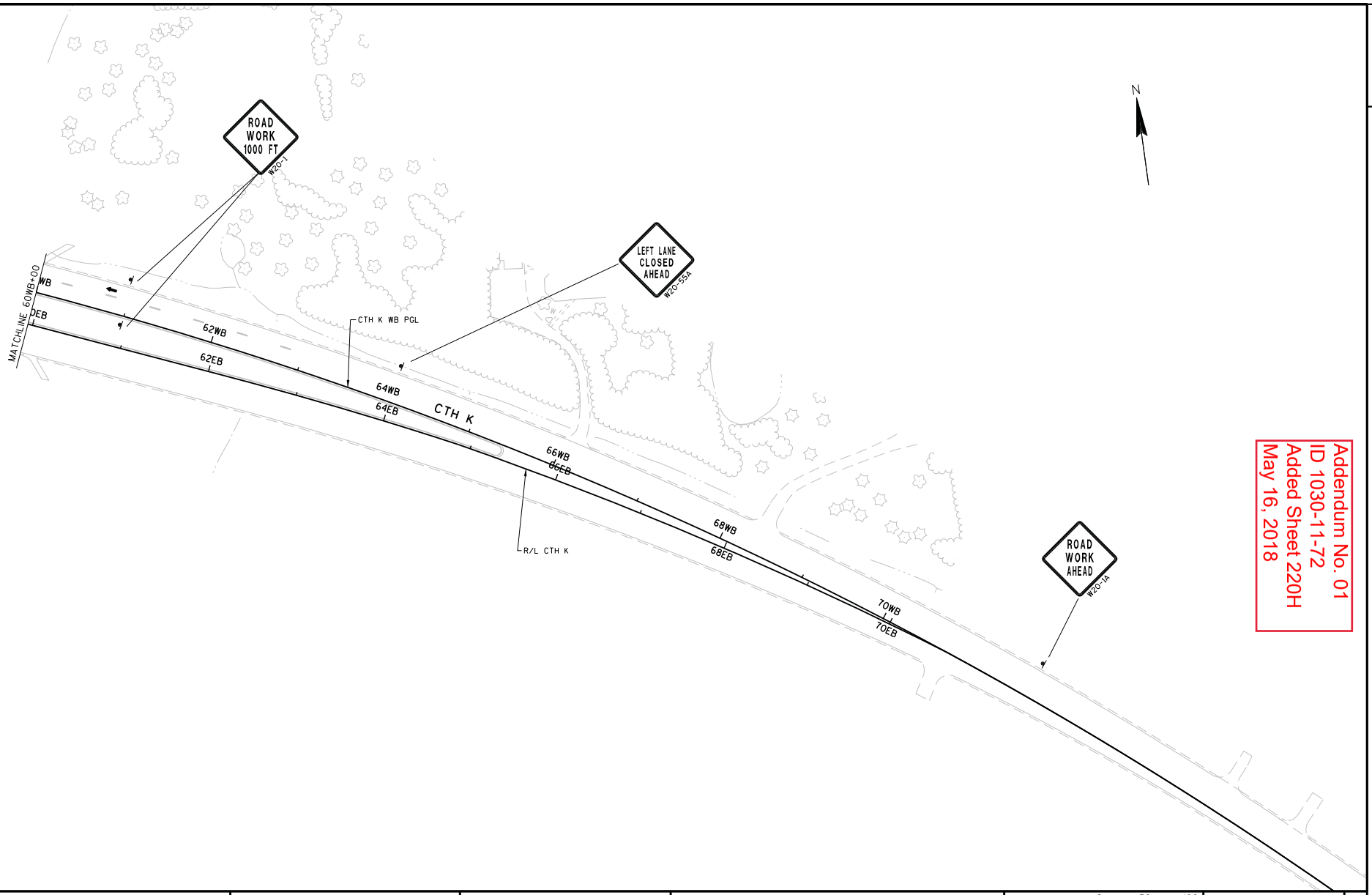



Addendum No. 01
ID 1030-11-72
Added Sheet 220G
May 16, 2018

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | STAGE 4D CONSTRUCTION | SCALE, FEET 0 50 100 | SHEET 220G | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\025404_s4D.DGN PLOT DATE : 08-MAY-2018 10:02 PLOT BY : ceven PLOT NAME : 025404_s4D PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

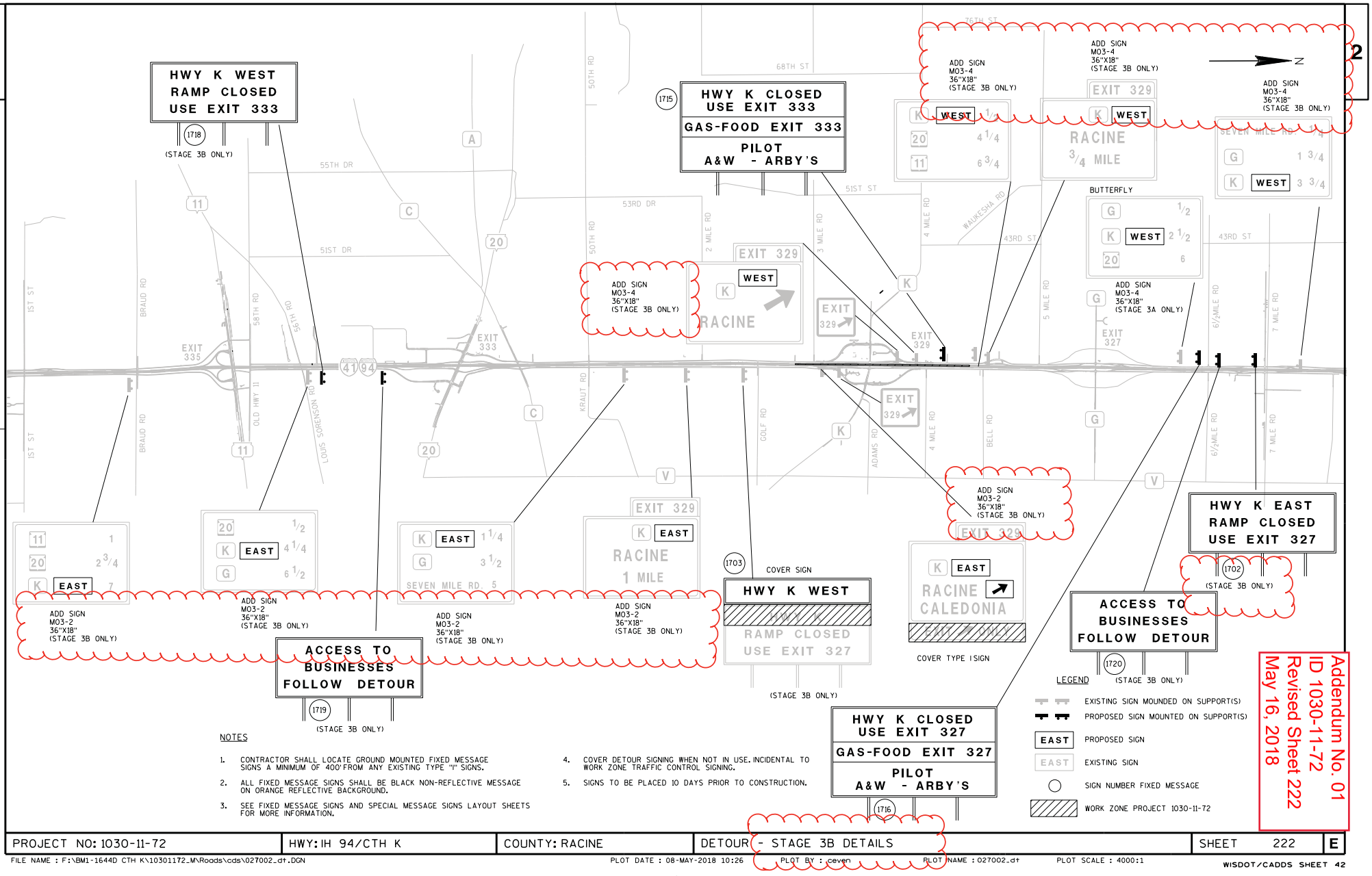



Addendum No. 01
ID 1030-11-72
Added Sheet 220H
May 16, 2018

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | STAGE 4D CONSTRUCTION | SCALE, FEET 0 50 100 | SHEET 220H | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\025205_s4D.DGN PLOT DATE : 08-MAY-2018 10:02 PLOT BY : ceven PLOT NAME : 025205_s4D PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42




NOTES

1. CONTRACTOR SHALL LOCATE GROUND MOUNTED FIXED MESSAGE SIGNS A MINIMUM OF 400' FROM ANY EXISTING TYPE "I" SIGNS.
2. ALL FIXED MESSAGE SIGNS SHALL BE BLACK NON-REFLECTIVE MESSAGE ON ORANGE REFLECTIVE BACKGROUND.
3. SEE FIXED MESSAGE SIGNS AND SPECIAL MESSAGE SIGNS LAYOUT SHEETS FOR MORE INFORMATION.
4. COVER DETOUR SIGNING WHEN NOT IN USE. INCIDENTAL TO WORK ZONE TRAFFIC CONTROL SIGNING.
5. SIGNS TO BE PLACED 10 DAYS PRIOR TO CONSTRUCTION.

LEGEND

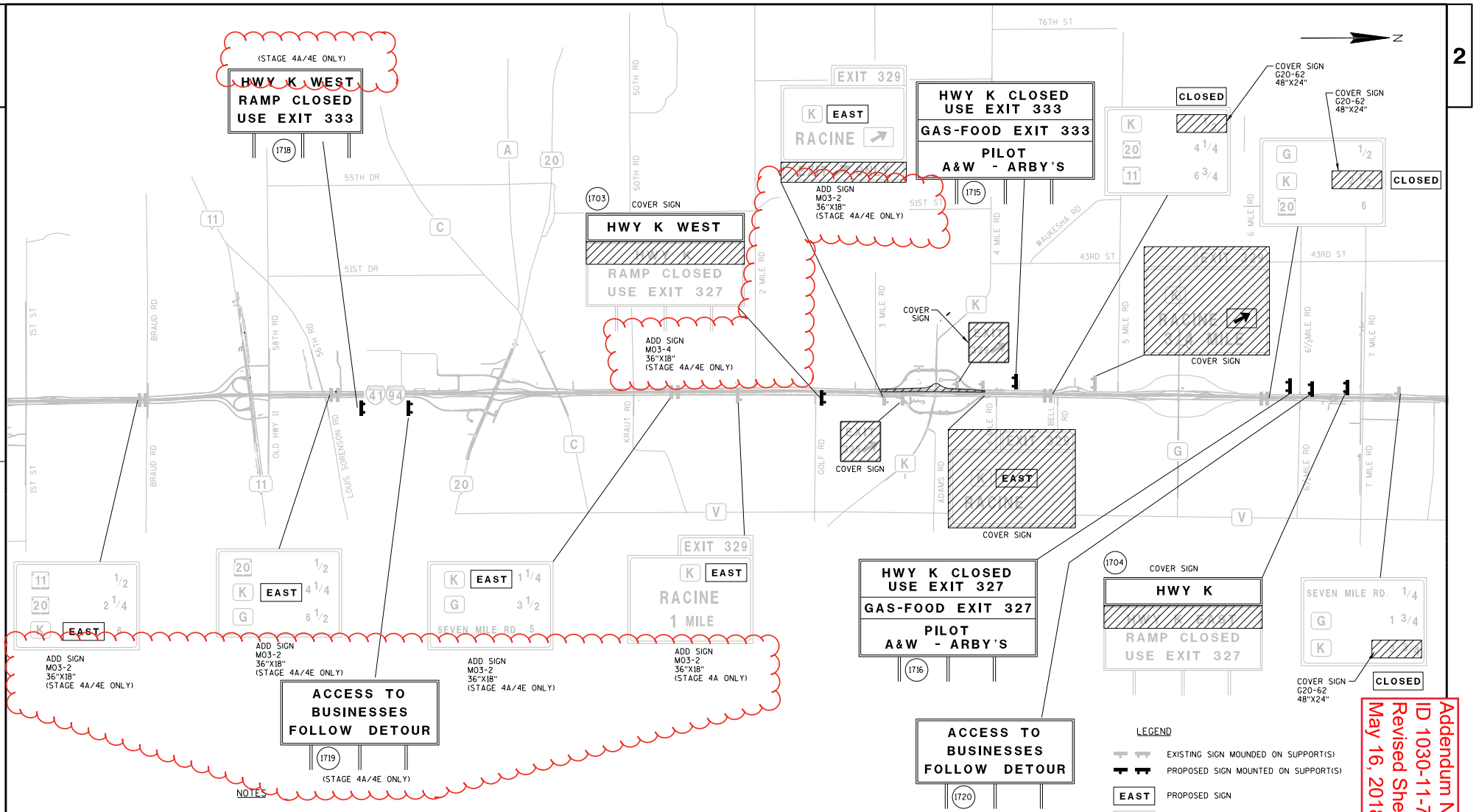
- EXISTING SIGN MOUNDED ON SUPPORT(S)
- PROPOSED SIGN MOUNTED ON SUPPORT(S)
- EAST — PROPOSED SIGN
- EAST — EXISTING SIGN
- SIGN NUMBER FIXED MESSAGE
- WORK ZONE PROJECT 1030-11-72

Addendum No. 01
ID 1030-11-72
Revised Sheet 222
May 16, 2018

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | DETOUR - STAGE 3B DETAILS | SHEET 222 | E |
|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\027002_d+.DGN PLOT DATE : 08-MAY-2018 10:26 PLOT BY : ceven PLOT NAME : 027002_d+ PLOT SCALE : 4000:1

WISDOT/CADDS SHEET 42




NOTES

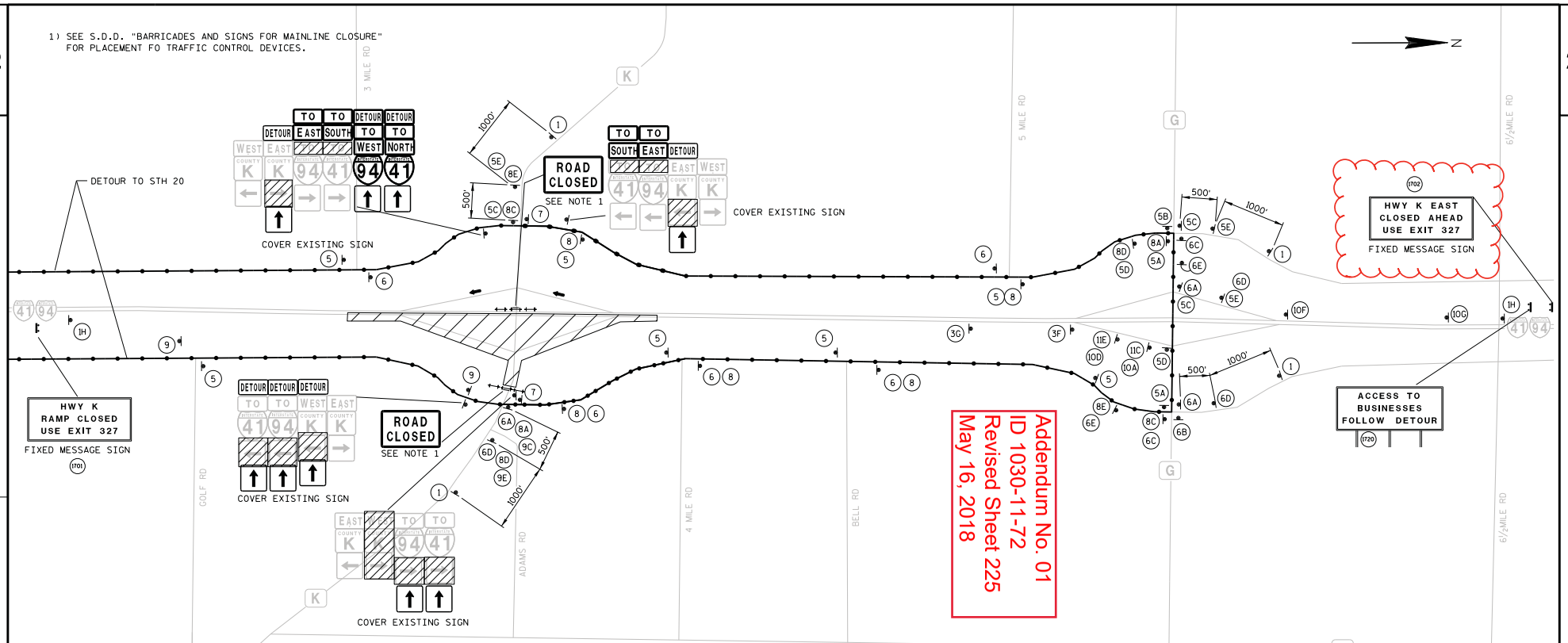
1. CONTRACTOR SHALL LOCATE GROUND MOUNTED FIXED MESSAGE SIGNS A MINIMUM OF 400' FROM ANY EXISTING TYPE "I" SIGNS.
2. ALL FIXED MESSAGE SIGNS SHALL BE BLACK NON-REFLECTIVE MESSAGE ON ORANGE REFLECTIVE BACKGROUND.
3. SEE FIXED MESSAGE SIGNS AND SPECIAL MESSAGE SIGNS LAYOUT SHEETS FOR MORE INFORMATION.
4. COVER DETOUR SIGNING WHEN NOT IN USE. INCIDENTAL TO WORK ZONE TRAFFIC CONTROL SIGNING.
5. SIGNS TO BE PLACED 10 DAYS PRIOR TO CONSTRUCTION.

Addendum No. 01
ID 1030-11-72
Revised Sheet 223
May 16, 2018

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | DETOUR - STAGE 4 DETAILS | SHEET 223 | E |
|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\027003_d+.DGN PLOT DATE : 08-MAY-2018 10:02 PLOT BY : ceven PLOT NAME : 027003_d+ PLOT SCALE : 4000:1

WISDOT/CADDS SHEET 42

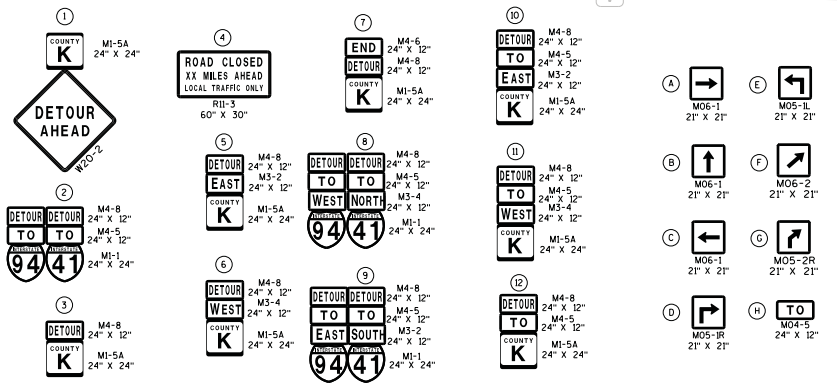



NOTES

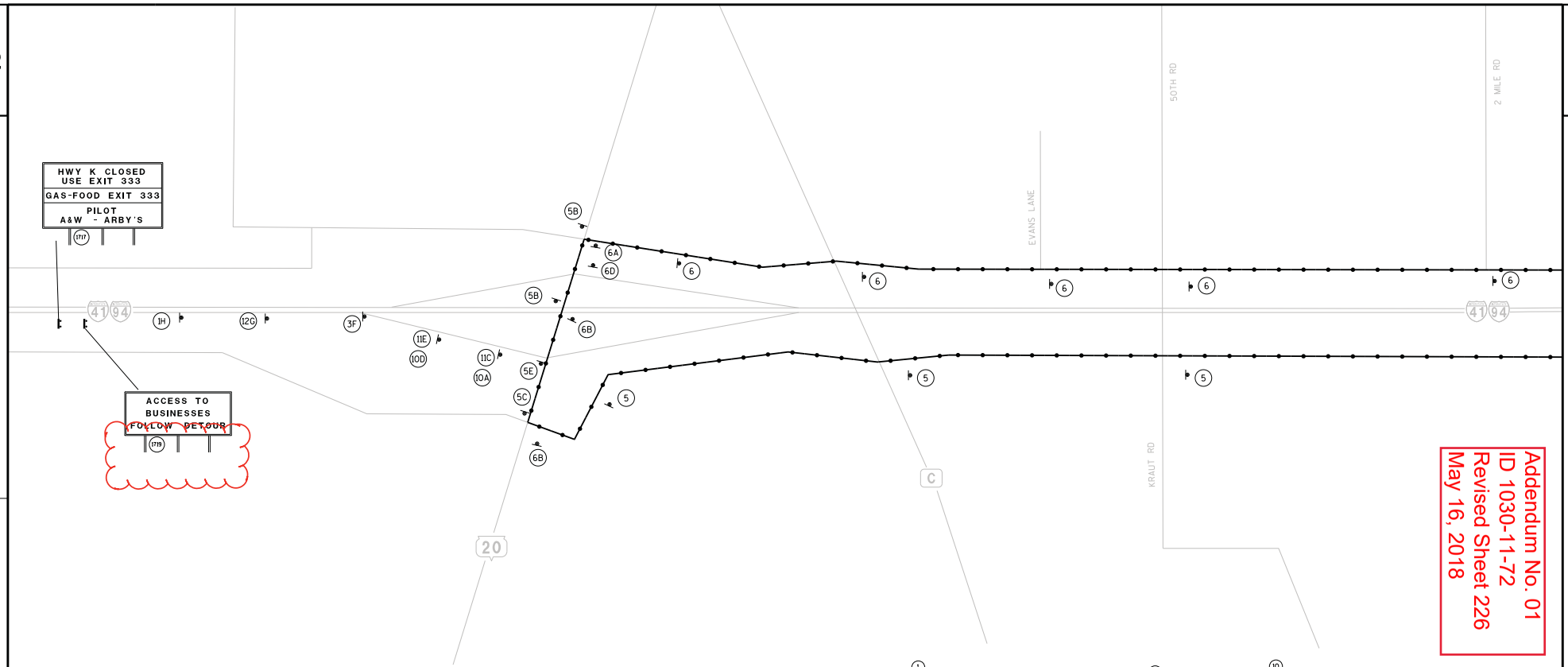
- ALL SIGNS SHALL BE PLACED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- EXACT NUMBER, LOCATION AND SPACING OF SIGNS AND DEVICES MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
- SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION MANUAL OF STANDARD HIGHWAY SIGNS. UNLESS OTHERWISE PROVIDED IN PLAN.
- SIGNS IN CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE COVERED AS DIRECTED BY THE ENGINEER AND PAID FOR UNDER THE ITEM 'TRAFFIC CONTROL COVERING SIGNS'.
- SEE TRAFFIC CONTROL SHEETS FOR ADDITIONAL INTERSTATE SIGNING
- COVER DETOUR SIGNS WHEN NOT IN USE. INCIDENTAL TO WORK ZONE TRAFFIC CONTROL SIGNING
- USE SIGN SIZE 3 ON FREEWAY, USE SIGN SIZE 2 ON LOCAL ROADS AND RAMPS

LEGEND

- WORK ZONE
- DETOUR ROUTE
- (1) SIGN NUMBER
- PROPOSED SIGN MOUNTED ON POST(S)
- BARRICADE WITH SIGN




| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | DETOUR - STAGE 2A | SCALE, NTS | SHEET 225 | E |
|---|---|---|---|---|---|---|




Addendum No. 01
ID 1030-11-72
Revised Sheet 226
May 16, 2018

NOTES

- ALL SIGNS SHALL BE PLACED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
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LEGEND

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- (1) SIGN NUMBER
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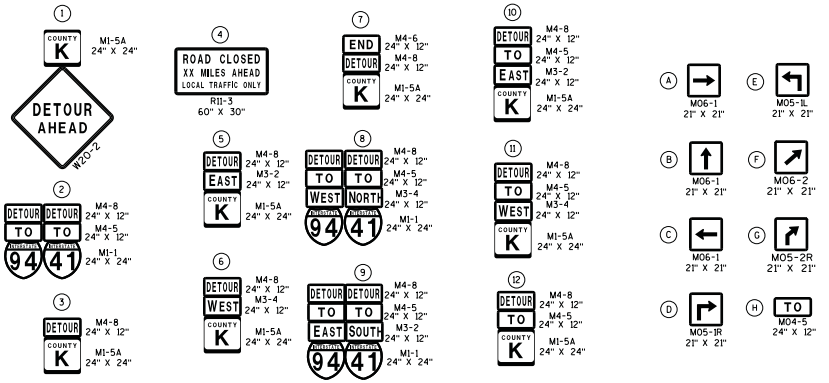
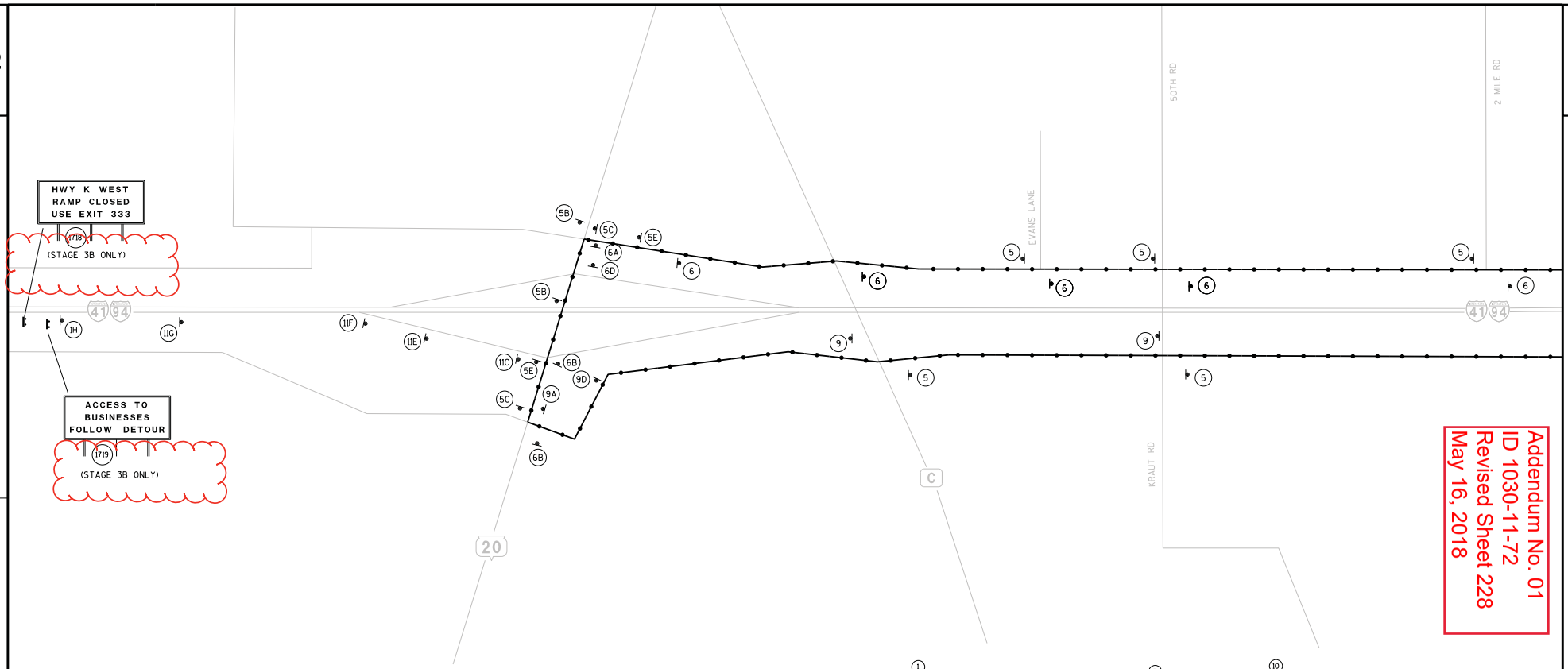



| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | DETOUR - STAGE 2B | SCALE, NTS | SHEET 226 | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\027006_dt.DGN PLOT DATE : 08-MAY-2018 14:58 PLOT BY : ceven PLOT NAME : 027006_dt PLOT SCALE : 1600:1

WISDOT/CADDS SHEET 42




Addendum No. 01
ID 1030-11-72
Revised Sheet 228
May 16, 2018

NOTES

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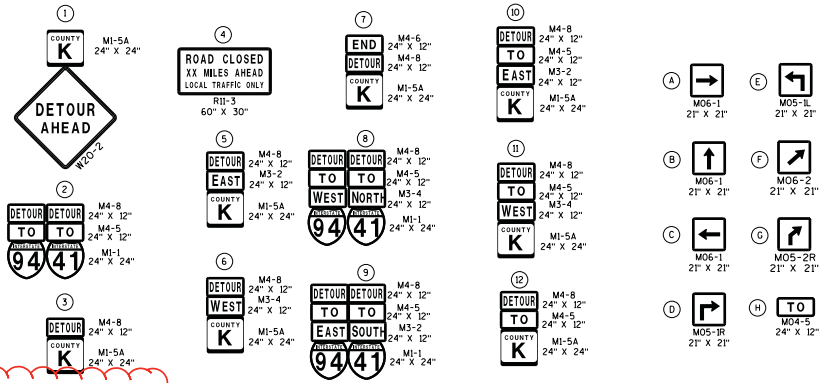
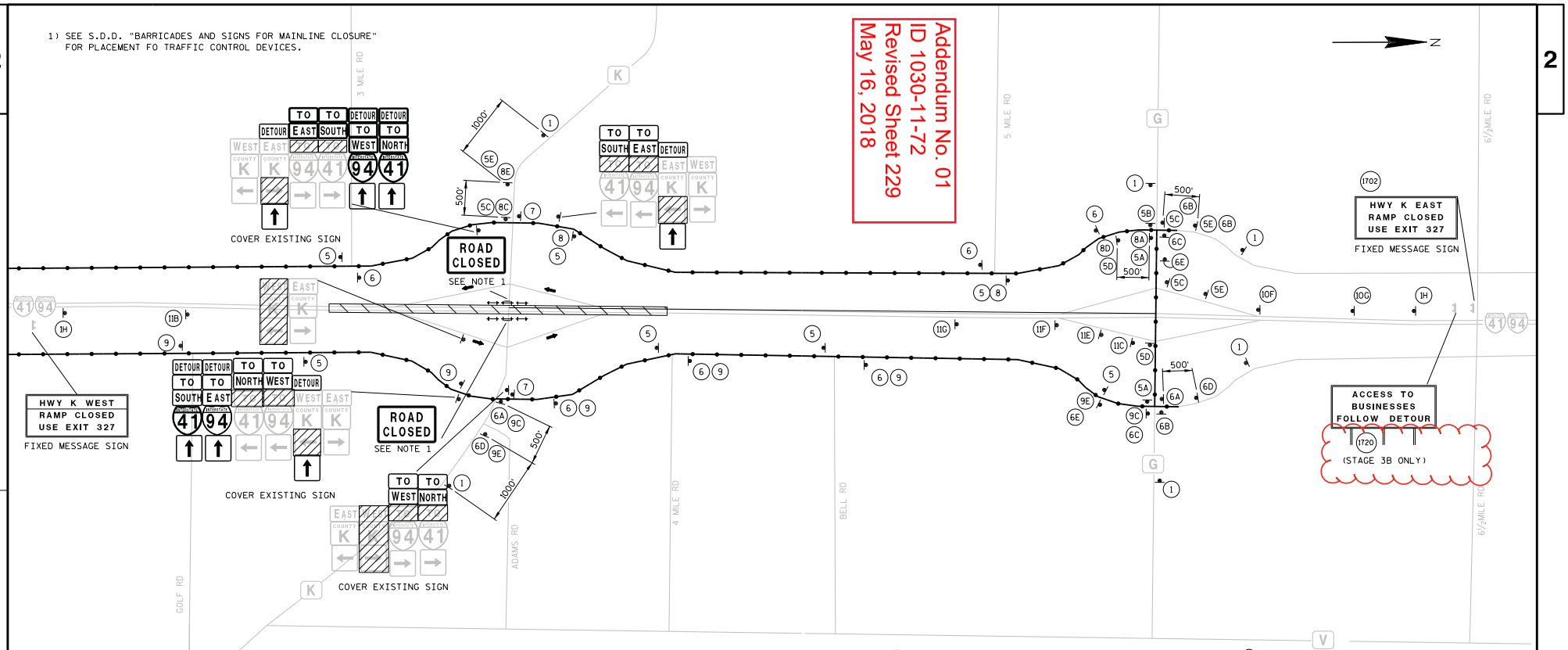
LEGEND

- WORK ZONE
- DETOUR ROUTE
- (1) SIGN NUMBER
- PROPOSED SIGN MOUNTED ON POST(S)
- BARRICADE WITH SIGN




| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | DETOUR - STAGE 3B | SCALE, NTS | SHEET 228 | E |
|---|---|---|---|---|---|---|

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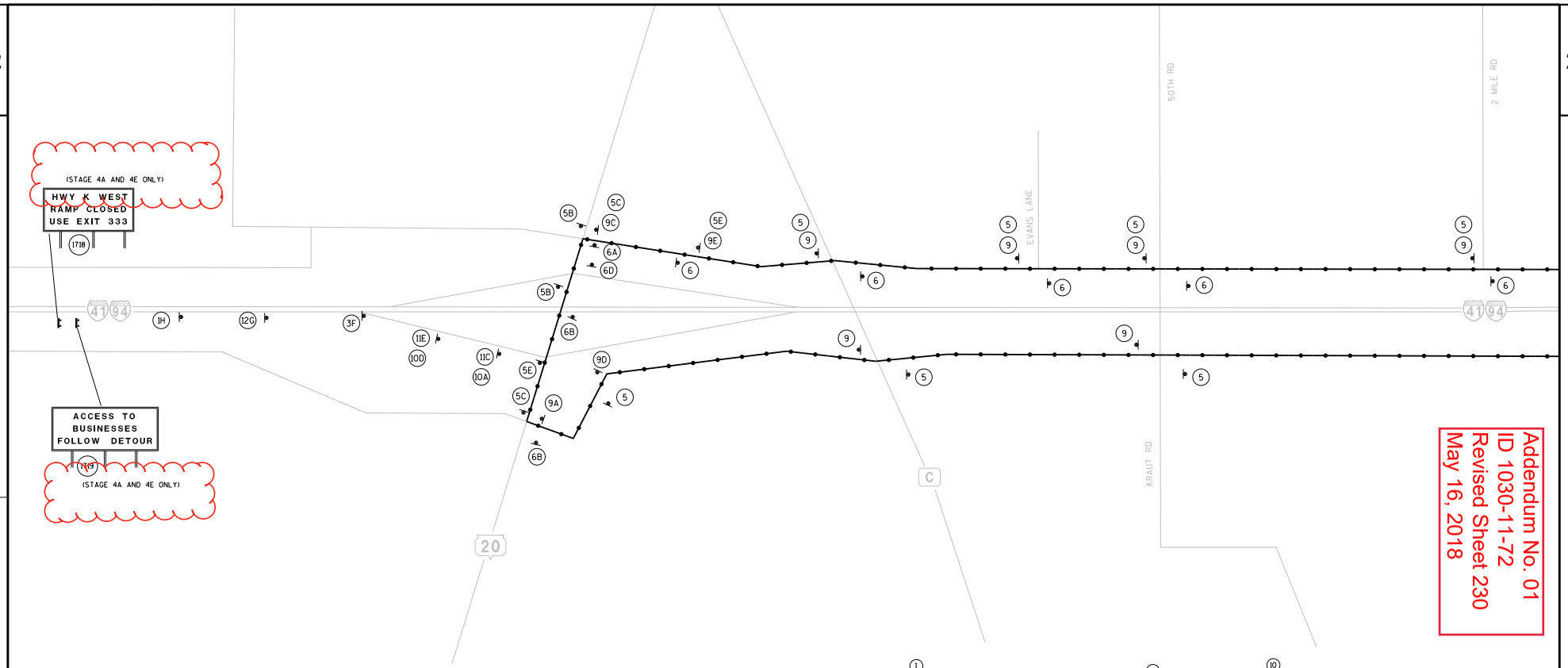
LEGEND

- WORK ZONE
- DETOUR ROUTE
- (1) SIGN NUMBER
- PROPOSED SIGN MOUNTED ON POST(S)
- BARRICADE WITH SIGN

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | DETOUR - STAGE 3B | SCALE, NTS | SHEET 229 | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\027009_dt.DGN PLOT DATE : 08-MAY-2018 14:55 PLOT BY : ceven PLOT NAME : 027009_dt PLOT SCALE : 1600:1




Addendum No. 01
ID 1030-11-72
Revised Sheet 230
May 16, 2018

NOTES

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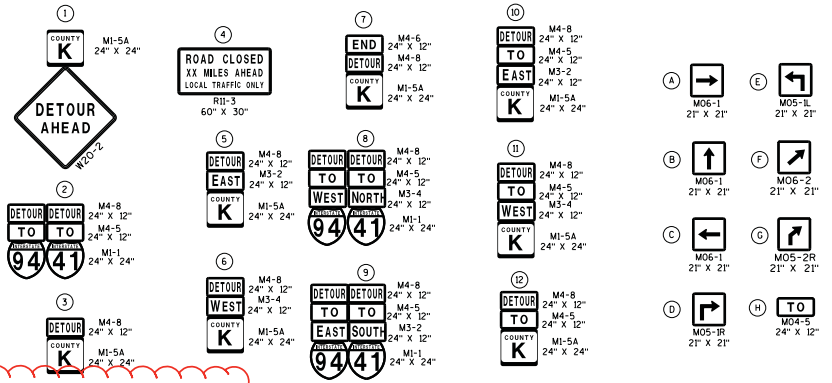
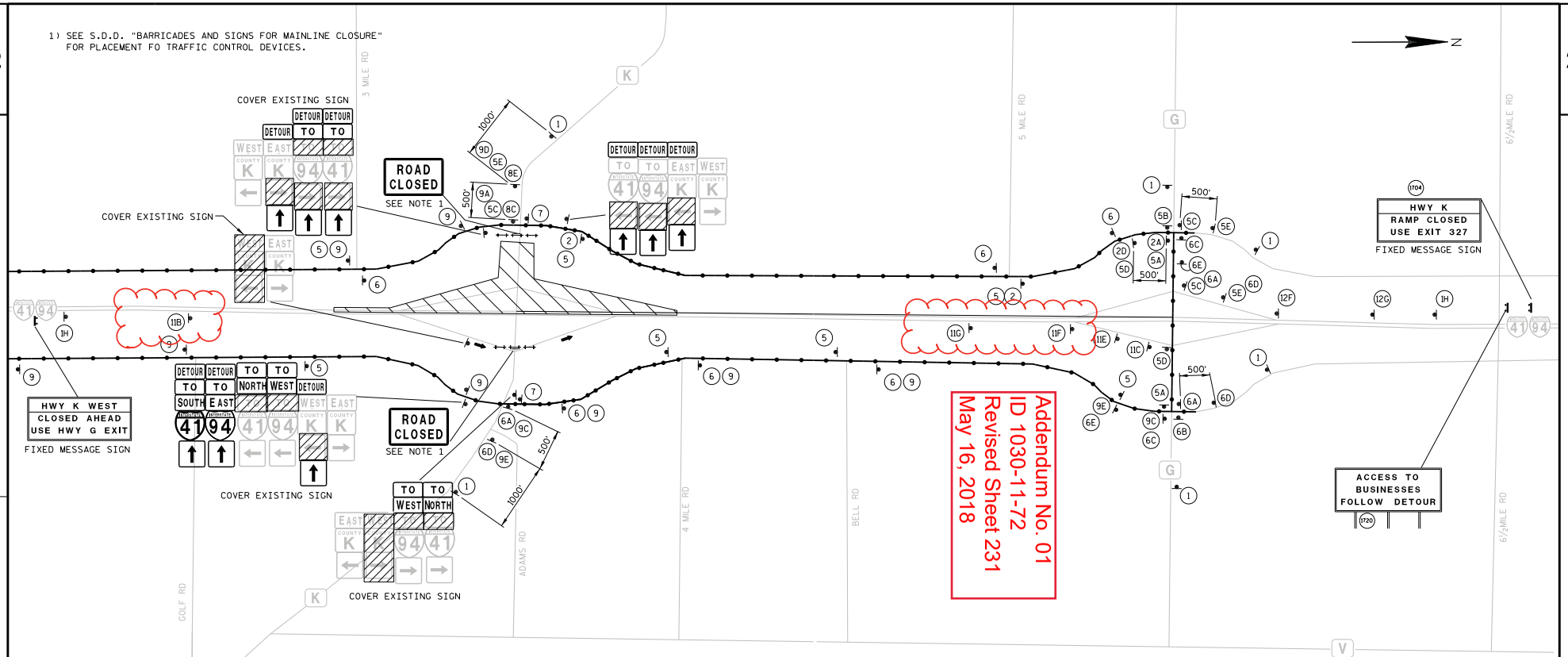



| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | DETOUR - STAGE 4A AND 4E | SCALE, NTS | SHEET 230 | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\027010_dt.DGN PLOT DATE : 08-MAY-2018 14:49 PLOT BY : ceven PLOT NAME : 027010_dt PLOT SCALE : 1600:1

1) SEE S.D.D. "BARRICADES AND SIGNS FOR MAINLINE CLOSURE" FOR PLACEMENT FO TRAFFIC CONTROL DEVICES.




Addendum No. 01
ID 1030-11-72
Revised Sheet 231
May 16, 2018

NOTES

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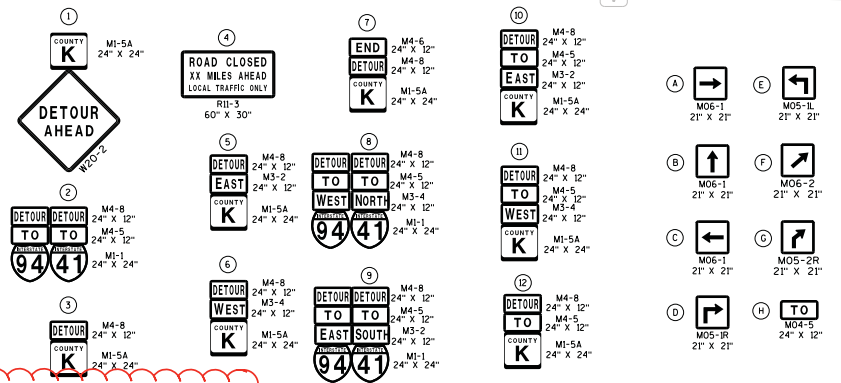
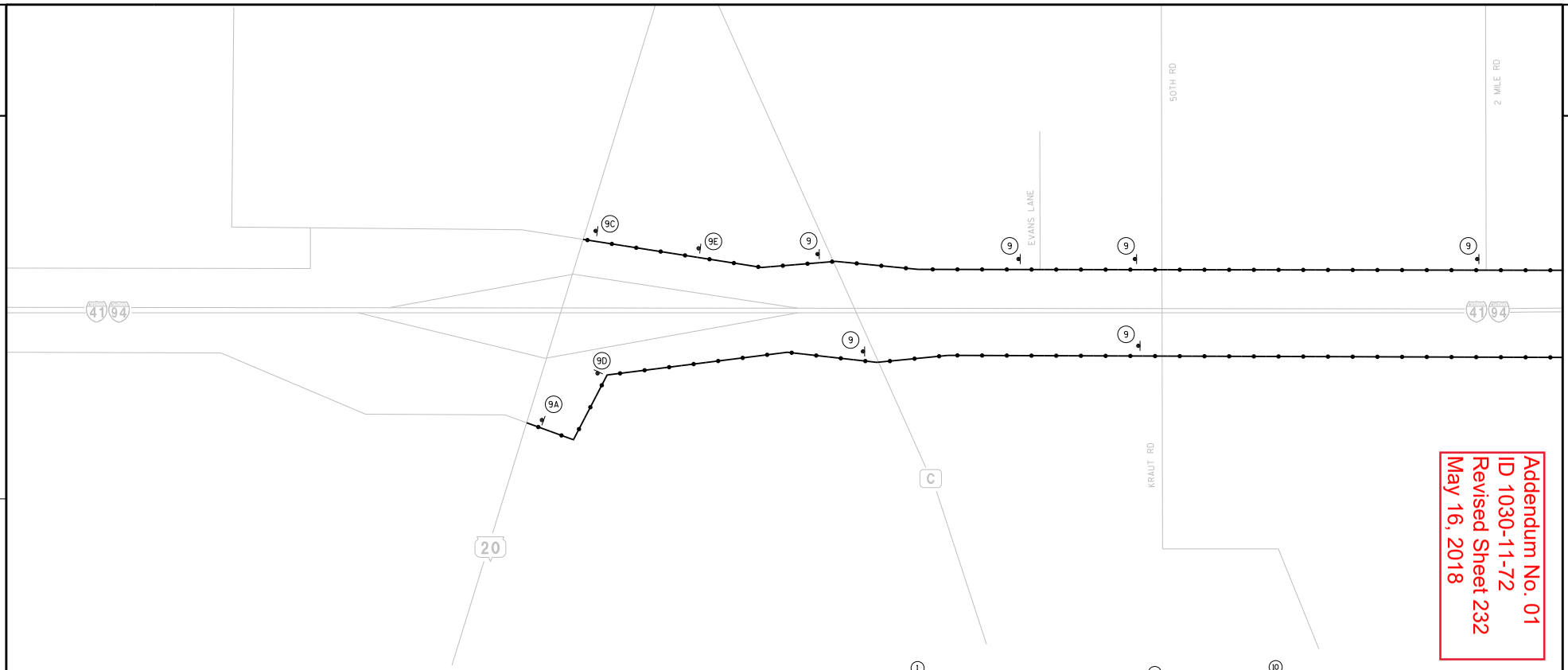



| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | DETOUR - STAGE 4A AND 4E | SCALE, NTS | SHEET 231 | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\027011_dt.DGN PLOT DATE : 08 MAY 2018 14:52 PLOT BY : ceven PLOT NAME : 027011_dt PLOT SCALE : 1600:1

WISDOT/CADDS SHEET 42




Addendum No. 01
ID 1030-11-72
Revised Sheet 232
May 16, 2018

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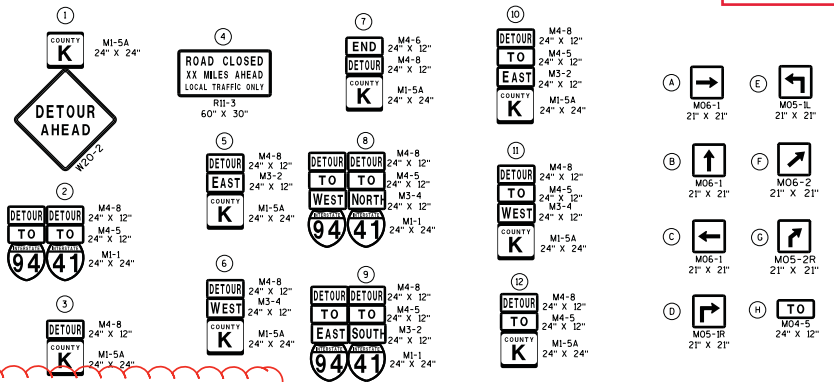
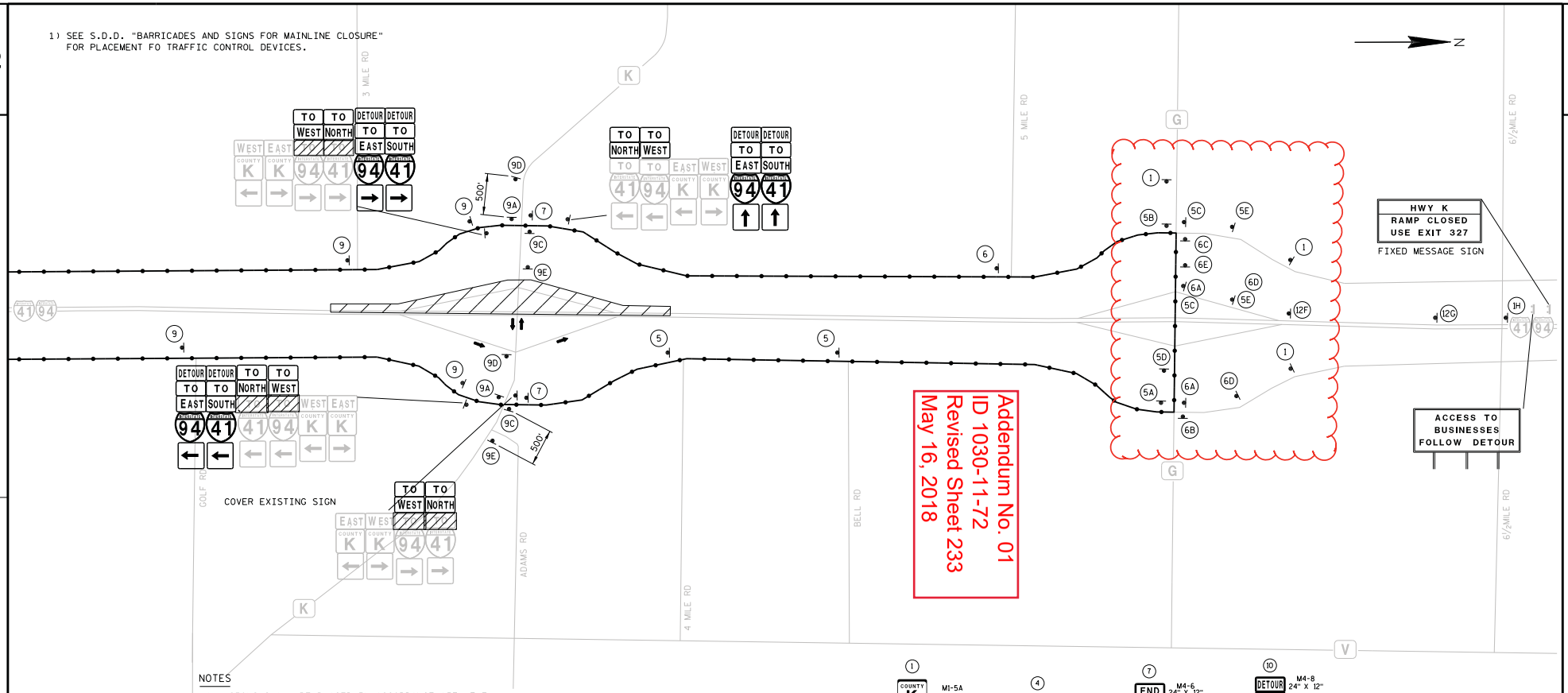



| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | DETOUR - STAGE 4B, 4C AND 4D | SCALE, NTS | SHEET 232 | E |
|---|---|---|---|---|---|---|

FILE NAME : F:\BM1-1644D CTH K\10301172_M\Roads\cds\027012_dt.DGN PLOT DATE : 08-MAY-2018 10:03 PLOT BY : ceven PLOT NAME : 027012_dt PLOT SCALE : 1600:1

WISDOT/CADDS SHEET 42

1) SEE S.D.D. "BARRICADES AND SIGNS FOR MAINLINE CLOSURE" FOR PLACEMENT FO TRAFFIC CONTROL DEVICES.

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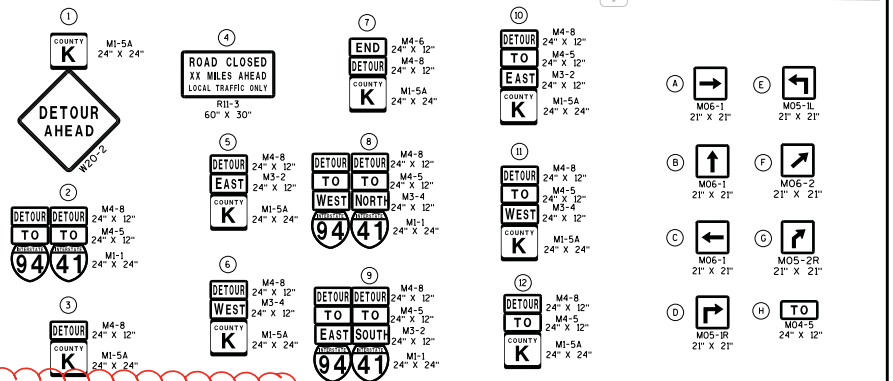


| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | DETOUR - STAGE 4B, 4C AND 4D | SCALE, NTS | SHEET 233 | E |
|---|---|---|---|---|---|---|

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Revised Sheet 261
May 16, 2018

3

## CPM PROGRESS SCHEDULE

| CATEGORY | | SPV.0060.070 BASELINE EACH | SPV.0060.071 MONTHLY UPDATES EACH |
|---|---|---|---|
| 1000 | PROJECT ID 1030-11-72 | 0.4 | 18 |
| | TOTAL | 0.4 | 18 |

## CLEARING AND GRUBBING

| CATEGORY | | STATION | | STATION | OFFSET | 201.0105 CLEARING STA | 201.0120 CLEARING ID | 201.0205 GRUBBING STA | 201.0220 GRUBBING ID |
|---|---|---|---|---|---|---|---|---|---|
| 1000 | RAMP NE | 1059NE+00 | - | 1062NE+00 | RT | 3 | -- | 3 | -- |
| | RAMP NW | 1059NW+00 | - | 1060NW+00 | LT | -- | 6 | -- | 6 |
| | TOTALS | | | | | 3 | 6 | 3 | 6 |

## REMOVING PAVEMENT ITEMS

| CATEGORY | ROADWAY | STATION | | STATION | OFFSET | 204.0100 REMOVING PAVEMENT SY | * 204.0120 REMOVING ASPHALTIC SURFACE MILLING SY | 335.0100 RUBBLIZING SY | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|
| 1000 | IH 94 NB | 1024+00 | - | 1039+00 | | 5,980 | -- | -- | |
| | | 1039+00 | - | 1055+03 | MEDIAN | 2,135 | -- | -- | MEDIAN SHOULDER |
| | | 1039+00 | - | 1055+03 | RT | 1,780 | -- | -- | OUTSIDE SHOULDER |
| | | 1039+00 | - | 1055+03 | | 6,400 | -- | -- | TRAVEL LANES |
| | | 1056+30 | - | 1093+00 | | 22,850 | -- | -- | |
| | IH 94 SB | 1024+00 | - | 1039+00 | | 9,150 | -- | -- | |
| | | 1039+00 | - | 1055+03 | MEDIAN | 2,140 | -- | -- | MEDIAN SHOULDER |
| | | 1039+00 | - | 1055+03 | LT | 1,550 | -- | -- | OUTSIDE SHOULDER |
| | | 1039+00 | - | 1055+03 | | 6,400 | -- | -- | TRAVEL LANES |
| | | 1056+30 | - | 1093+00 | | 23,700 | -- | -- | |
| | RAMP SE | 1049SE+00 | - | 1051SE+00 | | 270 | -- | -- | EXISTING FRONTAGE ROAD |
| | RAMP NE | 1060NE+00 | - | 1066NE+00 | | 1,600 | -- | -- | EXISTING FRONTAGE ROAD |
| | CTH K | 45+75 | - | 47+75 | | 540 | -- | -- | |
| | TOTALS | | | | | 84,495 | 0 | 0 | |

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

## REMOVING SMALL PIPE CULVERTS

| CATEGORY | ROADWAY | STATION | OFFSET | LENGTH | 203.0100 EACH |
|---|---|---|---|---|---|
| 1000 | IH 94 | | | | |
| | | 1027+73 | LT | 150 | 1 |
| | | 1027+73 | RT | 150 | 1 |
| | | 1054+71 | 153.4' RT | 76' | 1 |
| | | 1054+72 | 129.8' LT | 58' | 1 |
| | RAMP NE | | | | |
| | | 1059NE+05 | 31.8' LT | 23' | 1 |
| | RAMP NW | | | | |
| | | 1068NW+77 | 10.2' LT | 58' | 1 |
| | CTH K | | | | |
| | | 43+92 | 17.0' LT | 63' | 1 |
| | | 44+30 | 52.7' LT | 67' | 1 |
| | TOTAL | | | | 8 |

## REMOVING CURB & GUTTER

| CATEGORY | ROADWAY | LOCATION | | | 204.0150 LF |
|---|---|---|---|---|---|
| 1000 | RAMP NE | | | | |
| | | 1065NE+70 | - 1067NE+00 | LT | 235 |
| | RAMP NW | | | | |
| | | 1066NW+35 | - 1069NW+50 | LT/RT | 390 |
| | RAMP SW | | | | |
| | | 1048SW+55 | - 1049SW+80 | RT | 225 |
| | CTH K | | | | |
| | | 44+45 | - 47+35 | LT/RT | 225 |
| | | 40+30 | - 41+33 | LT | 20 |
| | TOTAL | | | | 1,095 |

## REMOVING CONCRETE BARRIER

| CATEGORY | ROADWAY | STATION | STATION | OFFSET | 204.0157 LF |
|---|---|---|---|---|---|
| 1000 | IH 94 NB | | | | |
| | | 1024+00 | 1055+02 | 6' RT | 3,100 |
| | | 1056+26 | 1093+00 | 6' RT | 3,675 |
| | | 1049+66 | 1054+97 | 66' RT | 535 |
| | | 1056+22 | 1061+74 | 66' RT | 550 |
| | IH 94 SB | 1050+73 | 1055+07 | 55' LT | 435 |
| | | 1056+31 | 1064+81 | 55' LT | 850 |
| | TOTAL | | | | 9,145 |

| CATEGORY | DIVISION | FROM/TO STATION | LOCATION | 205.0100 EXCAVATION COMMON (CY) (1) | SPV.0035.008 EBS EXCAVATION (CY) (2) (5) | SPV.0035.009 EBS BACKFILL (CY) | SPV.0035.006 ROADWAY EMBANKMENT (CY) (3) | SPV.0195.011 SOIL DRYING TREATMENT (TON) | SPV.0195.012 SUBGRADE STRENGTHENING TREATMENT (TON) | MASS ORDINATE +/- (4) | COMMENT: |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0010 | 1 | 1024+00 - 1055+00 | IH 94 NB | 13,545 | 948 | 948 | 11,379 | 170 | 40 | 2,166 | |
| | | 1024+00 - 1055+00 | EBS DITCHES IH 94 SB | 0 | 1,037 | 1,037 | 0 | 0 | 40 | 0 | |
| | | 1056+50 - 1093+00 | IH 94 NB | 9,419 | 659 | 659 | 26,452 | 150 | 30 | -17,032 | |
| | | 1056+50 - 1093+00 | EBS DITCHES IH 94 SB | 0 | 2,352 | 2,352 | 0 | 0 | 80 | 0 | |
| | | 1044+00 - 1054+50 | SE RAMP | 4,184 | 293 | 293 | 1,043 | 50 | 10 | 3,142 | |
| | | 1044+00 - 1054+50 | EBS DITCHES SE RAMP | 0 | 185 | 185 | 0 | 0 | 10 | 0 | |
| | | 1056+00 - 1070+00 | NE RAMP | 7,729 | 541 | 541 | 14,441 | 90 | 20 | -6,713 | |
| | | 1056+00 - 1070+00 | EBS DITCHES NE RAMP | 0 | 870 | 870 | 0 | 0 | 30 | 0 | |
| | DIVISION 1 SUBTOTAL | | | 34,877 | 6,886 | 6,886 | 53,314 | 460 | 260 | -18,437 | |
| 0010 | 2 | 43+00 - 47+50 | CTH K | 8,624 | 604 | 604 | 1,010 | 100 | 20 | 7,613 | |
| | | 43+00 - 47+50 | EBS DITCHES CTH K | 0 | 407 | 407 | 0 | 0 | 20 | 0 | |
| | DIVISION 2 SUBTOTAL | | | 8,624 | 1,011 | 1,011 | 1,010 | 100 | 40 | 7,613 | |
| 0010 | 3 | 1024+00 - 1055+00 | IH 94 NB | 5,963 | 417 | 417 | 180 | 170 | 20 | 5,783 | |
| | | 1056+50 - 1093+00 | IH 94 NB | 4,818 | 337 | 337 | 2,341 | 260 | 20 | 2,477 | |
| | DIVISION 3 SUBTOTAL | | | 10,781 | 755 | 755 | 2,522 | 430 | 40 | 8,259 | |
| 0010 | 4 | 1024+00 - 1055+00 | IH 94 SB | 19,110 | 1,338 | 1,338 | 15,124 | 230 | 50 | 3,986 | |
| | | 1024+00 - 1055+00 | EBS DITCHES IH 94 SB | 0 | 2,037 | 2,037 | 0 | 0 | 70 | 0 | |
| | | 1056+50 - 1093+00 | IH 94 SB | 13,462 | 942 | 942 | 41,484 | 200 | 40 | -28,022 | |
| | | 1056+50 - 1093+00 | EBS DITCHES IH 94 SB | 0 | 2,685 | 2,685 | 0 | 0 | 90 | 0 | |
| | | 1044+00 - 1055+00 | SW RAMP | 2,993 | 210 | 210 | 5,710 | 40 | 10 | -2,717 | |
| | | 1044+00 - 1055+00 | EBS DITCHES SW RAMP | 0 | 963 | 963 | 0 | 0 | 40 | 0 | |
| | | 1056+50 - 1068+00 | NW RAMP | 7,760 | 543 | 543 | 13,403 | 90 | 20 | -5,643 | |
| | | 1056+50 - 1068+00 | EBS DITCHES NW RAMP | 0 | 944 | 944 | 0 | 0 | 40 | 0 | |
| | DIVISION 4 SUBTOTAL | | | 43,326 | 9,662 | 9,662 | 75,721 | 560 | 360 | -32,395 | |
| 0010 | 5 | 37+00 - 43+00 | CTH K | 11,090 | 776 | 776 | 1,573 | 120 | 30 | 9,517 | |
| | | 37+00 - 43+00 | EBS DITCHES CTH K | 0 | 537 | 537 | 0 | 0 | 20 | 0 | |
| | DIVISION 5 SUBTOTAL | | | 11,090 | 1,313 | 1,313 | 1,573 | 120 | 50 | 9,517 | |
| 0010 | 6 | 1024+00 - 1055+00 | IH 94 SB | 0 | 0 | 0 | 123 | 0 | 0 | -123 | |
| | | 1056+50 - 1093+00 | IH 94 SB | 0 | 0 | 0 | 130 | 0 | 0 | -130 | |
| | DIVISION 6 SUBTOTAL | | | 0 | 0 | 0 | 254 | 0 | 0 | -254 | |
| 0010 | GRAND TOTAL | | | 108,698 | 19,627 | 19,627 | 134,394 | 1,670 | 750 | -25,696 | |

1) Excavation Common volume includes concrete and asphaltic surface material.
2) EBS Excavation to be backfilled with EBS Backfill. All EBS material is assumed to be wasted offsite.
3) Roadway Embankment = Unexpanded Fill
4) The Mass Ordinate + or - quantity is calculated by Division. A positive quantity indicates an excess of material within the division and a negative number indicates a shortage of material within the division. Mass Ordinate = Excavation Common (1) - Roadway Embankment (4). The mass ordinate is for informational purposes only as Common Excavation and Roadway Embankment are not balanced for quantity purposes and does not guarantee the quality of Common Excavation, and if it can be reused onsite.
5) Geogrid Type SR is to be used in locations of EBS backfill. Quantity is listed elsewhere.

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## BASE AGGREGATE ITEMS

| CAT. | ROADWAY | STATION | 305.0115 BASE AGGREGATE DENSE 3/4-INCH CY | * 305.0125 BASE AGGREGATE DENSE 1 1/4-INCH CY | 311.0110 BREAKER RUN TON | 312.0115 SELECT CRUSHED MATERIAL CY | 645.0220 GEOGRID TYPE SR SY |
|---|---|---|---|---|---|---|---|
| 1000 | IH 94 NB | | | | | | |
| | | 1024+00 - 1033+92 | 200 | 1,610 | -- | 3,800 | -- |
| | | 1033+92 - 1035+17 | 110 | 220 | -- | 540 | -- |
| | | 1035+17 - 1039+00 | 110 | 700 | -- | 1,600 | -- |
| | | 1039+00 - 1041+17 | 50 | 380 | -- | 900 | -- |
| | | 1041+17 - 1043+04 | 50 | 340 | -- | 820 | -- |
| | | 1043+04 - 1044+90 | 50 | 390 | -- | 800 | -- |
| | | 1044+90 - 1052+85 | 180 | 1,365 | -- | 3,130 | -- |
| | | 1052+85 - 1054+77 | -- | 300 | -- | 750 | -- |
| | | 1056+58 - 1070+13 | 260 | 2,230 | -- | 5,170 | -- |
| | | 1070+13 - 1073+97 | 90 | 960 | -- | 1,890 | -- |
| | | 1073+97 - 1076+50 | 90 | 490 | -- | 1,120 | -- |
| | | 1076+50 - 1077+41 | -- | 160 | -- | 400 | -- |
| | | 1077+41 - 1080+41 | -- | 520 | -- | 1,300 | -- |
| | | 1080+41 - 1082+81 | -- | 400 | -- | 990 | -- |
| | | 1082+81 - 1093+00 | -- | 1,590 | -- | 3,970 | -- |
| | | 1024+00 - 1093+00 | -- | -- | | -- | 5,000 |
| | IH 94 SB | | | | | | |
| | | 1024+00 - 1030+66 | -- | 1,040 | -- | 2,820 | -- |
| | | 1030+66 - 1033+66 | -- | 500 | -- | 980 | -- |
| | | 1033+66 - 1036+96 | -- | 580 | -- | 1,290 | -- |
| | | 1036+96 - 1039+00 | 80 | 370 | -- | 990 | -- |
| | | 1039+00 - 1040+49 | 40 | 280 | -- | 670 | -- |
| | | 1040+49 - 1043+97 | 80 | 720 | -- | 1,720 | -- |
| | | 1043+97 - 1054+87 | 210 | 2,120 | -- | 4,180 | -- |
| | | 1056+68 - 1058+60 | -- | 300 | -- | 730 | -- |
| | | 1058+60 - 1068+40 | 220 | 1,690 | -- | 3,750 | -- |
| | | 1068+40 - 1070+18 | -- | 470 | -- | 900 | -- |
| | | 1070+18 - 1072+06 | -- | 340 | -- | 800 | -- |
| | | 1072+06 - 1078+06 | -- | 1,040 | -- | 2,560 | -- |
| | | 1078+06 - 1079+06 | -- | 170 | -- | 410 | -- |
| | | 1079+06 - 1093+00 | -- | 2,170 | -- | 5,380 | -- |
| | | 1024+00 - 1093+00 | -- | -- | | -- | 5,000 |
| | NE RAMP | | | | | | |
| | | 1055NE+78 - 1057NE+08 | 30 | 230 | -- | 600 | -- |
| | | 1057NE+08 - 1063NE+86 | 180 | 640 | -- | 1,200 | -- |
| | | 1063NE+86 - 1066NE+56 | 70 | 240 | -- | 420 | -- |
| | | 1066NE+56 - 1070NE+13 | 100 | 270 | -- | 480 | -- |
| | NW RAMP | | | | | | |
| | | 1056NW+32 - 1057NW+28 | 10 | 150 | -- | 360 | -- |
| | | 1057NW+28 - 1059NW+00 | 20 | 190 | -- | 430 | -- |
| | | 1059NW+00 - 1060NW+39 | 60 | 160 | -- | 340 | -- |
| | | 1060NW+39 - 1062NW+20 | 90 | 180 | -- | 330 | -- |
| | | 1062NW+20 - 1068NW+41 | 160 | 460 | -- | 830 | -- |
| | SE RAMP | | | | | | |
| | | 1044SE+89 - 1049SE+00 | 110 | 310 | -- | 550 | -- |
| | | 1049SE+00 - 1050SE+76 | 20 | 130 | -- | 270 | -- |
| | | 1050SE+76 - 1052SE+11 | 20 | 110 | -- | 230 | -- |
| | | 1052SE+11 - 1054SE+13 | 30 | 210 | -- | 380 | -- |
| | | 1054SE+13 - 1055SE+04 | 10 | 90 | -- | 320 | -- |

## BASE AGGREGATE ITEMS (CONT.)

| CAT. | ROADWAY | STATION | 305.0115 BASE AGGREGATE DENSE 3/4-INCH CY | 305.0125 BASE AGGREGATE DENSE 1 1/4-INCH CY | 311.0110 BREAKER RUN TON | 312.0115 SELECT CRUSHED MATERIAL CY | 645.0220 GEOGRID TYPE SR SY |
|---|---|---|---|---|---|---|---|
| 1000 | SW RAMP | | | | | | |
| | | 1043SW+96 - 1050SW+90 | 180 | 510 | -- | 930 | -- |
| | | 1050SW+90 - 1053SW+39 | 30 | 170 | -- | 370 | -- |
| | | 1053SW+39 - 1054SW+17 | 10 | 60 | -- | 150 | -- |
| | | 1054SW+17 - 1055SW+80 | 20 | 190 | -- | 610 | -- |
| | CTH K | | | | | | |
| | | 37+00 - 38+00 | -- | 120 | -- | 150 | -- |
| | | 38+00 - 47+75 | 30 | 1,920 | -- | 2,540 | -- |
| | CTH K TEMPORARY - STAGE 2A | | | | | | |
| | | 42+50 - 47+81 | -- | 490 | -- | -- | -- |
| | CTH K TEMPORARY - STAGE 4A | | | | | | |
| | | 42+00 - 43+08 | -- | 275 | -- | -- | -- |
| | RELIEF TRENCHES | | -- | 140 | -- | 140 | -- |
| | STORM SEWER CROSSINGS | | -- | 160 | -- | 160 | -- |
| | TEMPORARY STORM SEWER | | -- | 50 | -- | 50 | -- |
| | TEMPORARY ACCESS | | -- | 500 | 2,500 | -- | -- |
| | TOTALS | | 3,000 | 31,400 | 2,500 | 66,200 | 10,000 |

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

## TRACKING PADS

| CATEGORY | ROADWAY | 628.7560 EACH |
|---|---|---|
| 1000 | IH 94 AND RAMPS | 6 |
| | TOTALS | 6 |

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## ASPHALTIC ITEMS

| CATEGORY | ROADWAY | STATION | STATION | 450.4000 HMA COLD WEATHER PAVING TON | * 455.0605 TACK COAT GAL | 460.2000 INCENTIVE DENSITY HMA PAVEMENT DOL | 460.6223 HMA PAVEMENT 3 MT 58-28 S TON | * 465.0125 ASPHALTIC SURFACE TEMPORARY TON | 465.0310 ASPHALTIC CURB LF | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1000 | IH 94 NB | | | | | | | | | |
| | | 1024+00 - | 1093+00 | 410 | 230 | -- | -- | 410 | -- | STAGE 3 |
| | | STORM SEWER CROSSINGS | | 190 | 60 | 120 | 190 | -- | -- | STAGE 3 |
| | CTH K | | | | | | | | | |
| | | 42+22 - | 47+81 | -- | -- | -- | -- | 510 | 135 | STAGE 2A |
| | | 42+00 - | 43+08 | -- | -- | -- | -- | 150 | 110 | STAGE 4A |
| | TOTALS | | | 600 | 290 | 120 | 190 | 1,070 | 245 | |

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

## ASPHALT WEDGE

| CATEGORY | STAGE | STATION | | 204.0120 REMOVING ASPHALTIC SURFACE MILLING SY | 204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY | * 455.0605 TACK COAT GAL | * 465.0125 ASPHALTIC SURFACE TEMPORARY TON |
|---|---|---|---|---|---|---|---|
| 1000 | 3 | IH 94 SOUTHBOUND | | | | | |
| | | 1024+00 - | 1054+77 | 1,370 | 190 | 760 | 1,540 |
| | | 1056+88 - | 1093+00 | 1,610 | 190 | 890 | 1,810 |
| | | TOTAL | | 2,980 | 380 | 1,650 | 3,350 |

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

## BARRICADE RACK ITEMS

| CATEGORY | ROADWAY | 637.5453 BARRICADES PERMANENT TYPE III EACH | SPV.0060.004 SALVAGING EXISTING BARRICADE RACK EACH | SPV.0060.018 BARRICADE RACK EACH |
|---|---|---|---|---|
| 1000 | STA 40+00 | -- | 1 | -- |
| | STA 46+00 | -- | 1 | -- |
| | RAMP SW | 4 | -- | 1 |
| | RAMP NE | 4 | -- | 1 |
| | TOTALS | 8 | 2 | 2 |

## WATER

| CATEGORY | ROADWAY | 624.0100 MGAL |
|---|---|---|
| 1000 | IH 94 NB | 690 |
| | IH 94 SB | 640 |
| | NE RAMP | 60 |
| | NW RAMP | 50 |
| | SE RAMP | 50 |
| | SW RAMP | 40 |
| | CTH K | 100 |
| | IH 94 TEMPORARY WIDENING | 180 |
| | CTH K RESTORATION - STAGE 2 | 10 |
| | TOTALS | 1,820 |

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## FENCING

| CATEGORY | ROADWAY | STATION | | 616.0100.001 FENCE WOVEN WIRE 4-FT LF | 616.0700.S FENCE SAFETY LF |
|---|---|---|---|---|---|
| 1000 | IH 94 NB | 1024+00 - | 1042+58 | 1860 | -- |
| | | 1054+25 - | 1057+25 | -- | 300 |
| | | 1074+91 - | 1093+00 | 1810 | -- |
| | IH 94 SB | 1024+00 - | 1039+00 | 1500 | -- |
| | | 1054+25 - | 1057+25 | -- | 300 |
| | | 1073+00 - | 1093+00 | 2000 | -- |
| | SE RAMP | 1048+20 - | 1054+65 | 650 | -- |
| | SW RAMP | 1042+60 - | 1053+77 | 1120 | -- |
| | NE RAMP | 1059+93 - | 1063+89 | 400 | -- |
| | NW RAMP | 1056+54 - | 1060+80 | 430 | -- |
| | | 1063+40 - | 1073+00 | 960 | -- |
| | CTH K | 45+91 - | 47+76 | 190 | -- |
| | TOTALS | | | 10,920 | 600 |

## TEMPORARY SHORING

| CATEGORY | ROADWAY | LOCATION | OFFSET | 511.1100 SF |
|---|---|---|---|---|
| 1000 | IH 94 NB/SB | | | |
| | | 1058+50 - 1068+00 | LT/RT | 2,700 |
| | | DRAINAGE STRUCTURES | LT/RT | 200 |
| | TOTAL | | | 2,900 |

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | MISCELLANEOUS QUANTITIES | SHEET NO: 267 | E |
|---|---|---|---|---|---|

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## CONCRETE BARRIER TEMPORARY & CRASH CUSHIONS TEMPORARY

| CATEGORY | | | | | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 8000 | 8000 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 603.8000 CONCRETE BARRIER TEMPORARY PRECAST DELIVERED | 603.8125 TEMPORARY PRECAST INSTALLED | 614.0905 CRASH CUSHIONS TEMPORARY | SPV.0090.018 MAINTAIN CONCRETE BARRIER TEMPORARY PRECAST | SPV.0090.023 TEMPORARY GLARE SCREEN | SPV.0060.098 MAINTAIN AND SALVAGE CRASH CUSHIONS TEMPORARY LEFT IN PLACE | 204.9090.S.003 REMOVING CONCRETE BARRIER TEMPORARY | 614.0930 SALVAGED CRASH CUSHIONS | * | * | * | * | * | * |
| STAGE | ROADWAY | STA | | TO STA | LF | LF | EACH | LF | LF | EACH | LF | EACH | BACK WIDTH | OBJECT MARKING PATTERN | CRASH TEST LEVEL | TRAFFIC DIRECTION | TRAFFIC LOCATION | CRASH CUSHION SHIELDS |
| 2 | IH 94 SB | 1073+50 | - | 1074+00 | -- | -- | 1 | -- | -- | -- | 50 | -- | 4 | OM-3I | TL-3 | UNDIRECTIONAL | R | TEMPORARY CONC. BARRIER |
| 2 | IH 94 SB | 1024+00 | - | 1093+00 | -- | -- | -- | 6,900 | -- | -- | 6,900 | -- | | | | | | |
| 2 | IH 94 SB | 1024+00 | - | 1033+44 | -- | -- | -- | 950 | -- | -- | 950 | -- | | | | | | |
| 2 | IH 94 SB | 1033+44 | | | -- | -- | -- | -- | -- | 1 | -- | 1 | | | | | | |
| 2 | IH 94 SB | 1071+50 | - | 1093+00 | -- | -- | -- | 2,150 | -- | -- | 2,100 | -- | | | | | | |
| 3 | IH 94 NB | 1024+00 | - | 1093+00 | 6,900 | 6,900 | -- | -- | -- | -- | -- | -- | | | | | | |
| 3 | IH 94 SB | 1024+00 | - | 1093+00 | -- | 13,800 | -- | -- | -- | -- | -- | -- | | | | | | |
| 3 | IH 94 SB | 1033+44 | | | -- | -- | 1 | -- | -- | -- | -- | -- | 4 | OM-3R | TL-3 | UNDIRECTIONAL | L | TEMPORARY CONC. BARRIER |
| 3 | INGRESS/EGRESS | | | | -- | -- | 1 | -- | -- | -- | -- | -- | 4 | OM-3R | TL-3 | UNDIRECTIONAL | L | TEMPORARY CONC. BARRIER |
| 3 | INGRESS/EGRESS | | | | -- | -- | 1 | -- | -- | -- | -- | -- | 4 | OM-3R | TL-3 | UNDIRECTIONAL | L | TEMPORARY CONC. BARRIER |
| 4 | IH 94 NB | 1024+00 | - | 1093+00 | -- | 6,900 | -- | -- | 6,900 | -- | -- | -- | | | | | | |
| 5A | IH 94 SB | 1053+00 | - | 1060+00 | 700 | 700 | -- | -- | -- | -- | -- | -- | | | | | | |
| 5A | IH 94 SB | | | | -- | -- | 1 | -- | -- | -- | -- | -- | 4 | OM-3R | TL-3 | UNDIRECTIONAL | L | TEMPORARY CONC. BARRIER |
| 2B | CTH K | 42WB+30 | - | 44WB+50 | 250 | 250 | -- | -- | -- | -- | -- | -- | | | | | | |
| 2B | CTH K | 42EB+37 | | | -- | -- | 1 | -- | -- | -- | -- | -- | 4 | OM-3R | TL-3 | UNDIRECTIONAL | L | TEMPORARY CONC. BARRIER |
| 2B | CTH K | 42EB+37 | - | 43EB+47 | 115 | 115 | -- | -- | -- | -- | -- | -- | | | | | | |
| | | | | | | | -- | | | | | | | | | | | |
| 3B | CTH K | 42WB+64 | - | 43WB+28 | -- | 100 | -- | -- | -- | -- | -- | -- | | | | | | |
| TOTALS | | | | | 7,965 | 28,765 | 6 | 10,000 | 6,900 | 1 | 10,000 | 1 | | | | | | |

* FOR INFORMATION ONLY
MOVE STAGE 3 SB CONCRETE BARRIER TEMPORARY PRECAST TWICE FOR ASPHALTIC WEDGE PAVING

### FIELD OFFICE SPECIAL

| CATEGORY | PROJECT | SPV.0135.002 MON |
|---|---|---|
| 1000 | 1030-11-72 | 22 |
| | TOTAL | 22 |

### OVERHEAD SIGN SUPPORT

| CATEGORY | ROADWAY | 641.8100.003 OVERHEAD SIGN SUPPORT S-51-218 LS | 641.8100.004 OVERHEAD SIGN SUPPORT S-51-234 LS |
|---|---|---|---|
| 1000 | RAMP NW, 1060+15NW | 1 | -- |
| | CTH K, 38+75 | -- | 1 |
| | TOTALS | 1 | 1 |

### MAINTENANCE AND REPAIR OF HAUL ROADS

| CATEGORY | ROADWAY | 618.0100.020 EACH |
|---|---|---|
| 1000 | PROJECT ID 1030-11-72 | 1 |
| | TOTAL | 1 |

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## TRAFFIC CONTROL ITEMS

| CATEGORY | STAGE | ROADWAY | * STAGE DURATION DAYS | ** 634.0618 POSTS WOOD 4x6-INCH x 18-FT EACH | ** 638.2102 MOVING SIGNS TYPE II EACH | 638.4000 MOVING SMALL SIGN SUPPORTS EACH | 643.0300 TRAFFIC CONTROL DRUMS EACH* | 643.0300 DAYS | 643.0420 TRAFFIC CONTROL BARRICADES TYPE III EACH* | 643.0420 DAYS | 643.0500 TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS EACH | 643.0600 TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER BASES EACH | 643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A EACH* | 643.0705 DAYS | 643.0715 TYPE C EACH* | 643.0715 DAYS | 643.0800 TRAFFIC CONTROL ARROW BOARDS EACH* | 643.0800 DAYS | 643.0900 TRAFFIC CONTROL SIGNS EACH* | 643.0900 DAYS | 643.1050 TRAFFIC CONTROL SIGNS PCMS EACH* | 643.1050 DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1000 | STAGE 2 | | | | | | | | | | | | | | | | | | | | | |
| | | IH 94 SB | 153 | -- | -- | -- | 50 | 7,650 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8 | 1,225 | -- | -- |
| | | RAMP SW | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2 | 305 | -- | -- |
| | | RAMP SW | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1 | 14 |
| | | STAGE 2A DETOUR | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 501 | 76,655 | -- | -- |
| | | STAGE 2B DETOUR | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 313 | 47,890 | -- | -- |
| | | STAGE 2 SUBTOTAL | | -- | -- | -- | | 7,650 | | -- | -- | -- | | -- | | -- | | -- | | 126,075 | | 14 |
| 1000 | STAGE 3 | | | | | | | | | | | | | | | | | | | | | |
| | | WEDGE PAVING | 12 | -- | -- | -- | 75 | 900 | -- | -- | -- | -- | -- | -- | -- | -- | 2 | 25 | 14 | 170 | 1 | 12 |
| | | IH 94 NB | 182 | 7 | 7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1 | 180 | -- | -- |
| | | RAMP NE | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2 | 365 | -- | -- |
| | | INGRESS/EGRESS DETAIL | | -- | -- | -- | 25 | 4,550 | 4 | 730 | 30 | 30 | -- | -- | -- | -- | -- | -- | 13 | 2,365 | 2 | 365 |
| | | IH 94 SB | | -- | -- | -- | 50 | 9,100 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7 | 1,275 | -- | -- |
| | | RAMP SW | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2 | 365 | -- | -- |
| | | LANE CLOSURES | | -- | -- | -- | 110 | 8,580 | 6 | 470 | -- | -- | 12 | 935 | 17 | 1,325 | 3 | 235 | 14 | 1,090 | -- | -- |
| | | INGRESS/EGRESS DETAIL | | -- | -- | -- | 25 | 4,550 | 4 | 730 | 30 | 30 | -- | -- | -- | -- | -- | -- | 13 | 2,365 | 2 | 365 |
| | | STAGE 3B DETOUR | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 501 | 91,180 | -- | -- |
| | | STAGE 3 SUBTOTAL | | 7 | 7 | -- | | 27,680 | | 1,930 | 60 | 60 | | 935 | | 1,325 | | 260 | | 99,355 | | 742 |
| | STAGE 4 | | | | | | | | | | | | | | | | | | | | | |
| | | IH 94 NB | 167 | -- | 7 | 7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 11 | 1,835 | -- | -- |
| | | RAMP NE | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2 | 335 | -- | -- |
| | | STAGE 4A, 4E DETOUR | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 600 | 10,200 | -- | -- |
| | | STAGE 4B, 4C, 4D DETOUR | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 365 | 54,750 | -- | -- |
| | | STAGE 4 SUBTOTAL | | -- | 7 | 7 | | -- | | -- | -- | -- | | -- | | -- | | -- | | 67,120 | | -- |
| | STAGE 5A/5B | | | | | | | | | | | | | | | | | | | | | |
| | | IH 94 NB | 30 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9 | 270 | -- | -- |
| | | IH 94 NB | | -- | -- | -- | 75 | 2,250 | 6 | 180 | -- | -- | 12 | 360 | -- | -- | -- | -- | 8 | 240 | -- | -- |
| | | RAMP NE | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2 | 60 | -- | -- |
| | | LANE CLOSURES | | -- | -- | -- | 110 | 3,300 | 6 | 180 | -- | -- | 12 | 360 | 17 | 510 | 3 | 90 | 14 | 420 | -- | -- |
| | | INGRESS/EGRESS DETAIL | | -- | -- | -- | 25 | 750 | 4 | 120 | 30 | 30 | -- | -- | -- | -- | -- | -- | 13 | 390 | 2 | 60 |
| | | IH 94 SB | 11 | -- | -- | -- | 75 | 825 | 10 | 110 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | RAMP SW | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1 | 10 | -- | -- |
| | | INGRESS/EGRESS DETAIL | | -- | -- | -- | 25 | 275 | 4 | 45 | 30 | 30 | -- | -- | -- | -- | -- | -- | 13 | 145 | 2 | 20 |
| | | STAGE 5A/5B SUBTOTAL | | -- | -- | -- | | 7,400 | | 635 | 60 | 60 | | 720 | | 510 | | 90 | | 1,535 | | 80 |

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## TRAFFIC CONTROL ITEMS (CONTINUED)

| CATEGORY | STAGE | ROADWAY | * STAGE DURATION DAYS | ** 634.0618 POSTS WOOD 4x6-INCH x 18-FT EACH | ** 638.2102 MOVING SIGNS TYPE II EACH | 638.4000 MOVING SMALL SIGN SUPPORTS EACH | 643.0300 TRAFFIC CONTROL DRUMS EACH* | 643.0300 DAYS | 643.0420 TRAFFIC CONTROL BARRICADES TYPE III EACH* | 643.0420 DAYS | 643.0500 TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS EACH | 643.0600 TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER BASES EACH | 643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A EACH* | 643.0705 DAYS | 643.0715 TYPE C EACH* | 643.0715 DAYS | 643.0800 TRAFFIC CONTROL ARROW BOARDS EACH* | 643.0800 DAYS | 643.0900 TRAFFIC CONTROL SIGNS EACH* | 643.0900 DAYS | 643.1050 TRAFFIC CONTROL SIGNS PCMS EACH* | 643.1050 DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | STAGE 2A | | | | | | | | | | | | | | | | | | | | | |
| | | CTH K | 49 | -- | -- | -- | 93 | 4,555 | 23 | 1,125 | -- | -- | 40 | 1,960 | 28 | 1,370 | -- | -- | 65 | 3,185 | 2 | 28 |
| | | STAGE 2A SUBTOTAL | | -- | -- | -- | | 4,555 | | 1,125 | -- | -- | | 1,960 | | 1,370 | | -- | | 3,185 | | 28 |
| | STAGE 2B | | | | | | | | | | | | | | | | | | | | | |
| | | CTH K | 104 | -- | -- | -- | 87 | 9,050 | 18 | 1,870 | -- | -- | 28 | 2,910 | 11 | 1,145 | -- | -- | 50 | 5,200 | 2 | 28 |
| | | STAGE 2B SUBTOTAL | | -- | -- | -- | | 9,050 | | 1,870 | -- | -- | | 2,910 | | 1,145 | | -- | | 5,200 | | 28 |
| | STAGE 3A | | | | | | | | | | | | | | | | | | | | | |
| | | CTH K | 140 | -- | -- | -- | 15 | 2,100 | 4 | 560 | -- | -- | 8 | 1,120 | 15 | 2,100 | -- | -- | 32 | 4,480 | 2 | 28 |
| | | STAGE 3A SUBTOTAL | | -- | -- | -- | | 2,100 | | 560 | -- | -- | | 1,120 | | 2,100 | | -- | | 4,480 | | 28 |
| | STAGE 3B | | | | | | | | | | | | | | | | | | | | | |
| | | CTH K | 42 | -- | -- | -- | 125 | 5,250 | 17 | 715 | -- | -- | 34 | 1,430 | 37 | 1,555 | -- | -- | 44 | 1,850 | 2 | 28 |
| | | STAGE 3B SUBTOTAL | | -- | -- | -- | | 5,250 | | 715 | -- | -- | | 1,430 | | 1,555 | | -- | | 1,850 | | 28 |
| | STAGE 4A | | | | | | | | | | | | | | | | | | | | | |
| | | CTH K | 10 | -- | -- | -- | 135 | 1,350 | 19 | 190 | -- | -- | 38 | 380 | 45 | 450 | -- | -- | 39 | 390 | 2 | 28 |
| | | STAGE 4A SUBTOTAL | | -- | -- | -- | | 1,350 | | 190 | -- | -- | | 380 | | 450 | | -- | | 390 | | 28 |
| | STAGE 4B | | | | | | | | | | | | | | | | | | | | | |
| | | CTH K | 28 | -- | -- | -- | 155 | 4,340 | 23 | 645 | -- | -- | 35 | 980 | 30 | 840 | -- | -- | 36 | 1,010 | 2 | 28 |
| | | STAGE 4B SUBTOTAL | | -- | -- | -- | | 4,340 | | 645 | -- | -- | | 980 | | 840 | | -- | | 1,010 | | 28 |
| | STAGE 4C | | | | | | | | | | | | | | | | | | | | | |
| | | CTH K | 28 | -- | -- | -- | 210 | 5,880 | 24 | 670 | -- | -- | 48 | 1,345 | 45 | 1,260 | -- | -- | 37 | 1,035 | 2 | 28 |
| | | STAGE 4C SUBTOTAL | | -- | -- | -- | | 5,880 | | 670 | -- | -- | | 1,345 | | 1,260 | | -- | | 1,035 | | 28 |
| | STAGE 4D | | | | | | | | | | | | | | | | | | | | | |
| | | CTH K | 28 | -- | -- | -- | 215 | 6,020 | 24 | 670 | -- | -- | 48 | 1,345 | 45 | 1,260 | -- | -- | 46 | 1,290 | 2 | 28 |
| | | STAGE 4D SUBTOTAL | | -- | -- | -- | | 6,020 | | 670 | -- | -- | | 1,345 | | 1,260 | | -- | | 1,290 | | 28 |
| | STAGE 4E | | | | | | | | | | | | | | | | | | | | | |
| | | CTH K | 7 | -- | -- | -- | 135 | 945 | 19 | 135 | -- | -- | 38 | 265 | 45 | 315 | -- | -- | 39 | 275 | 2 | 28 |
| | | STAGE 4E SUBTOTAL | | -- | -- | -- | | 945 | | 135 | -- | -- | | 265 | | 315 | | -- | | 275 | | 28 |
| | | UNDISTRIBUTED | | 2 | 5 | 5 | | 20,080 | | 955 | -- | -- | | 1,360 | | 1,220 | | 35 | | 31,300 | | 100 |
| | | TOTALS | | 9 | 19 | 12 | | 102,300 | | 10,100 | 120 | 120 | | 14,750 | | 13,350 | | 385 | | 344,100 | | 1,188 |

* FOR INFORMATION ONLY
** ADDITIONAL QUANTITES SHOWN ELSEWHERE
** NOTE: IH 94 NB LANE CLOSURE REQUIRED TO REMOVE EXISTING RUMBLE STRIPS. SEE SDD "LANE CLOSURE SPEEDS GREATER THAN 40MPH" FOR PLACEMENT OF TRAFFIC CONTROL DEVICES

## TRAFFIC CONTROL ITEMS

| CATEGORY | PROJECT | 643.1051 TRAFFIC CONTROL SIGNS PCMS WITH CELLULAR COMMUNICATIONS DAYS | 643.1055.S TRUCK OR TRAILER MOUNTED ATTENUATOR DAY | 643.4100.S.001 TRAFFIC CONTROL INTERIM LANE CLOSURE IH 94 EACH | 643.5000 TRAFFIC CONTROL EACH | SPV.0060.042 TRAFFIC CONTROL LOCAL ROAD LANE CLOSURES EACH | SPV.0060.043 TRAFFIC CONTROL CLOSE-OPEN FREEWAY ENTRANCE RAMP EACH |
|---|---|---|---|---|---|---|---|
| 1000 | 1030-11-72 | 600 | 50 | 100 | 0.4 | 3 | 40 |
| | TOTALS | 600 | 50 | 100 | 0.4 | 3 | 40 |

## TRENCHLESS INSTALLATION ITEMS

| CATEGORY | ROADWAY | SPV.0060.060 SURFACE SETTLEMENT MARKERS EACH | SPV.0060.062 ABANDONMENT OF GEOTECHNICAL INSTRUMENTATION EACH | SPV.0075.002 BOULDER OBSTRUCTIONS HR |
|---|---|---|---|---|
| 1000 | PROJECT | 3 | 1 | 5 |
| | TOTAL | 3 | 1 | 5 |

**PROJECT NO: 1030-11-72** | **HWY: IH 94/CTH K** | **COUNTY: RACINE** | **MISCELLANEOUS QUANTITIES** | **SHEET NO: 294** | **E**

## TRAFFIC CONTROL SIGNS FIXED MESSAGE

| CATEGORY | SIGN NO. | SIGN SIZE W X H FT X FT | 643.1000 SIGN AREA SF |
|---|---|---|---|
| 1000 | 1701 | 10.0 X 4.5 | 45.00 |
| | 1702 | 10.0 X 4.5 | 45.00 |
| | 1703 | 8.5 X 1.5 | 12.75 |
| | 1704 | 7.5 X 1.5 | 11.25 |
| | 1705 | 6.5 X 4.0 | 26.00 |
| | 1706 | 6.5 X 4.0 | 26.00 |
| | 1707 | 6.5 X 4.0 | 26.00 |
| | 1708 | 6.5 X 4.0 | 26.00 |
| | 1709 | 6.5 X 4.0 | 26.00 |
| | 1710 | 6.5 X 4.0 | 26.00 |
| | 1711 | 7.0 X 1.5 | 10.50 |
| | 1712 | 8.0 X 6.0 | 48.00 |
| | 1713 | 9.0 X 5.5 | 49.50 |
| | 1714 | 11.5 X 6.0 | 69.00 |
| | 1715 | 11.5 X 8.0 | 92.00 |
| | 1716 | 11.5 X 8.0 | 92.00 |
| | 1717 | 11.5 X 8.0 | 92.00 |
| | 1718 | 10.0 X 4.5 | 45.00 |
| | 1719 | 11.0 X 4.5 | 49.50 |
| | 1720 | 11.0 X 4.5 | 49.50 |
| TOTAL | | | 867.00 |

## MOVABLE FIXED MESSAGE SIGNS FOR TRAFFIC CONTROL ITEMS

| CATEGORY | SIGN NO. | SIGN SIZE W X H FT X FT | SPV.0060.013 FIXED MESSAGE SIGN PORTABLE SUPPORT SPECIAL EACH |
|---|---|---|---|
| 1000 | 1712 | 8.0 X 6.0 | 1 |
| | 1713 | 9.0 X 5.5 | 1 |
| | 1715 | 11.5 X 8.0 | 1 |
| TOTAL | | | 3 |

## TRAFFIC CONTROL COVERING SIGNS

| CATEGORY | STAGE | ** STAGE DURATION DAYS | 643.0910 * COVERING SIGNS TYPE I SIGNS | CYCLE | EACH | 643.0920 COVERING SIGNS TYPE II SIGNS | CYCLE | EACH |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2A | 49 | 8 | 1 | 8 | 16 | 1 | 16 |
| | 2B | 104 | -- | 1 | -- | 9 | 1 | 9 |
| | 3A | 140 | -- | 1 | -- | 2 | 1 | 2 |
| | 3B | 42 | 10 | 1 | 10 | 16 | 1 | 16 |
| | 4A | 10 | 8 | 1 | 8 | 23 | 1 | 23 |
| | 4B | 28 | -- | 1 | -- | 13 | 1 | 13 |
| | 4E | 28 | 8 | 1 | 8 | 23 | 1 | 23 |
| TOTAL | | | | | 34 | | | 102 |

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE
** FOR INFORMATION ONLY

## PAVEMENT MARKING

| CATEGORY | ROADWAY | 646.1020 MARKING LINE EPOXY 4-INCH YELLOW LF | WHITE LF | 646.1040 MARKING LINE GROOVED WET REF EPOXY 4-INCH YELLOW LF | WHITE LF | 646.1545 MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH LF | 646.1555 MARKING LINE GROOVED CONTRAST PERMANENT TAPE 4-INCH LF | 646.3545 MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH LF | 646.3555 MARKING LINE GROOVED CONTRAST PERMANENT TAPE 8-INCH LF | 646.6120 MARKING STOP LINE EPOXY 18-INCH LF | 646.7220 MARKING CHEVRON EPOXY 24-INCH LF | 646.8120 MARKING CURB EPOXY YELLOW LF | 646.8220 MARKING ISLAND NOSE EPOXY EACH | SPV.0060.077 PAVEMENT MARKING CONTRAST EPOXY SPECIAL MARKING WORDS EACH | SPV.0060.081 PAVEMENT MARKING CONTRAST EPOXY SPECIAL MARKING ARROW TYPE 2 EACH | SPV.0060.082 TYPE 3 EACH | SPV.0060.085 TYPE 4 EACH | SPV.0060.086 TYPE 5 EACH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1000 | IH 94 SB | -- | -- | 6,900 | 6,900 | -- | 5,180 | -- | 2,290 | -- | 150 | -- | -- | -- | -- | -- | -- | 3 |
| | IH 94 NB | -- | -- | 6,900 | 6,900 | -- | 5,180 | -- | 2,300 | -- | 150 | -- | -- | -- | -- | -- | -- | 3 |
| | RAMP NE | -- | -- | 1,350 | 1,455 | -- | 160 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | RAMP NW | -- | -- | 1,150 | 1,195 | -- | -- | -- | 875 | 24 | -- | -- | -- | 6 | 6 | 3 | 1 | -- |
| | RAMP SE | -- | -- | 960 | 990 | -- | -- | -- | 340 | 12 | -- | -- | -- | 2 | 2 | 2 | 1 | -- |
| | RAMP SW | -- | -- | 1,080 | 1,190 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | CTH K | 2,100 | 2,400 | -- | -- | 1,215 | -- | 1,670 | -- | 70 | -- | 40 | 4 | 8 | 10 | -- | -- | -- |
| | TOTALS | 4,500 | | 36,970 | | 1,215 | 10,520 | 1,670 | 5,805 | 106 | 300 | 40 | 4 | 16 | 18 | 5 | 2 | 6 |

**P** = PAY PLAN QUANTITY
ALL PAVEMENT MARKING COLORS ARE WHITE UNLESS NOTED OTHERWISE

Addendum No. 01
ID 1030-11-72
Revised Sheet 295
May 16, 2018

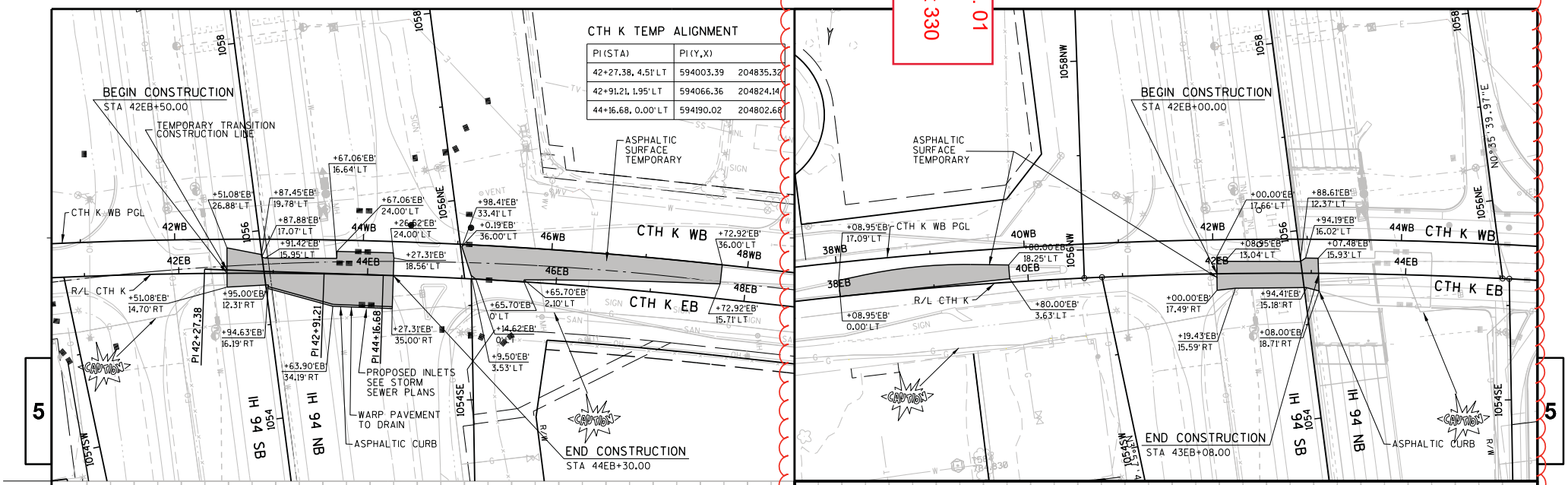
Addendum No. 01
ID 1030-11-72
Revised Sheet 296
May 16, 2018

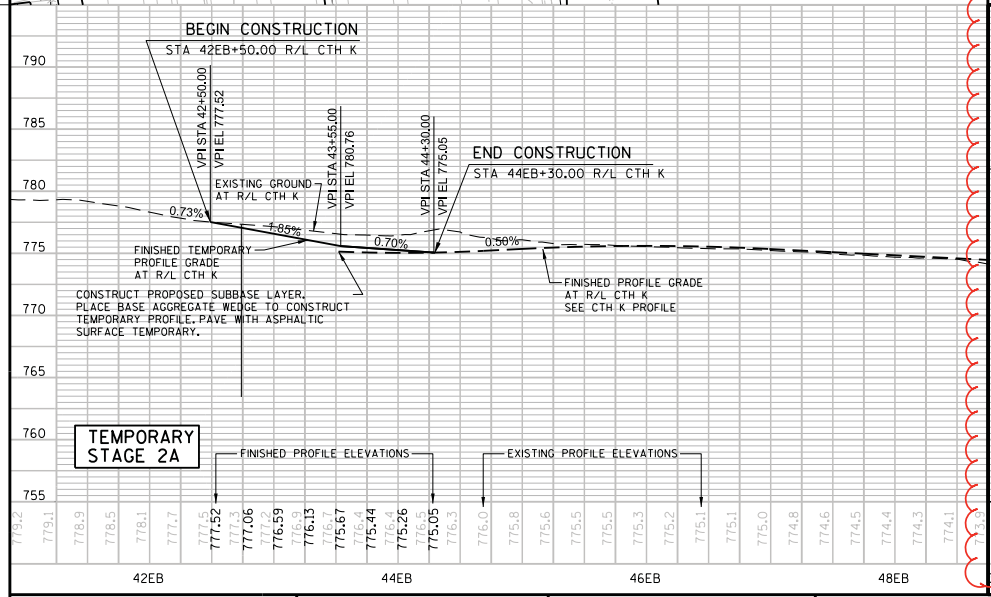
## TEMPORARY MARKING AND REMOVAL ITEMS

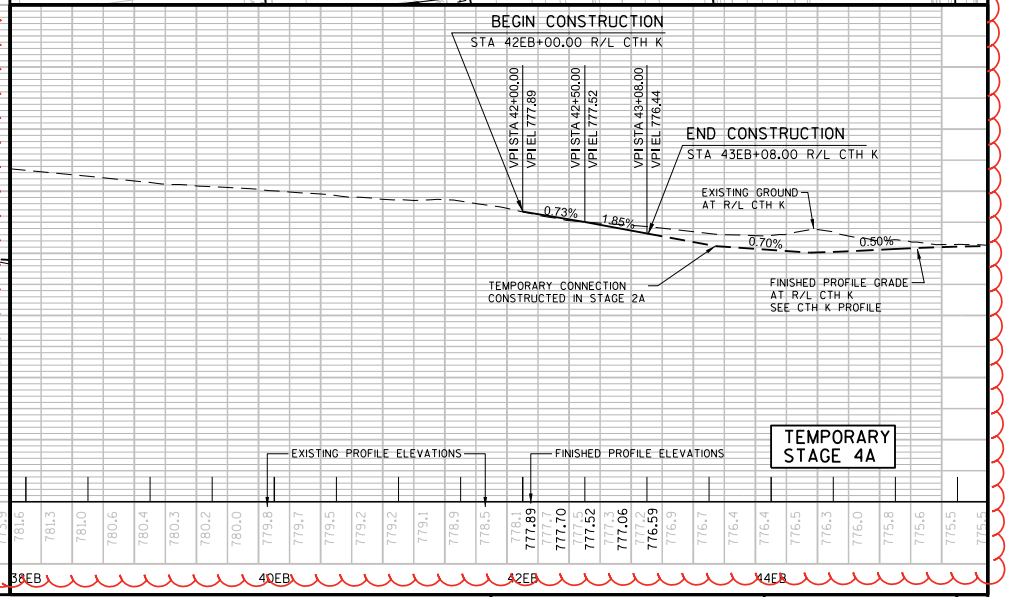
| CATEGORY | STAGE | ROADWAY | STATION | STATION | 646.9000 MARKING REMOVAL LINE 4-INCH LF | 646.9010 MARKING REMOVAL LINE WATERBLASTING 4-INCH LF | 646.9110 MARKING REMOVAL LINE WATERBLASTING 8-INCH LF | 649.0105 TEMPORARY MARKING LINE PAINT 4-INCH WHITE LF | 649.0105 TEMPORARY MARKING LINE PAINT 4-INCH YELLOW LF | 649.0105 TEMPORARY MARKING LINE PAINT 4-INCH SKIP LF | 649.0120 TEMPORARY MARKING LINE EPOXY 4-INCH WHITE LF | 649.0120 TEMPORARY MARKING LINE EPOXY 4-INCH YELLOW LF | 649.0120 TEMPORARY MARKING LINE EPOXY 4-INCH SKIP LF | 649.0150 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH WHITE LF | 649.0150 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH YELLOW LF | 649.0250 TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH WHITE LF | 649.0220 TEMPORARY MARKING LINE EPOXY 8-INCH WHITE LF | 649.0220 TEMPORARY MARKING LINE EPOXY 8-INCH SKIP LF | 649.0760 TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I EACH | 649.0820 TEMPORARY MARKING STOP LINE EPOXY 18-INCH LF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1000 | STAGE 3 | | | | | | | | | | | | | | | | | | | | |
| | | IH 94 NB | 1024+00 | 1093+00 | -- | -- | -- | -- | -- | -- | 19,515 | 6,900 | -- | -- | -- | -- | 600 | 190 | -- | -- |
| | | IH 94 SB | 1024+00 | 1093+00 | -- | -- | -- | 6,900 | 6,900 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | RAMP SE | 1041SE+33 | 1044SE+71 | -- | -- | -- | -- | -- | -- | 225 | -- | -- | -- | -- | -- | 220 | -- | -- | -- |
| | | RAMP NE | 1070NE+15 | 1077NE+41 | -- | -- | -- | -- | -- | -- | 725 | -- | -- | -- | -- | -- | 380 | -- | -- | -- |
| | STAGE 4 | | | | | | | | | | | | | | | | | | | | |
| | | IH 94 NB | 1024+00 | 1093+00 | -- | -- | -- | 18,540 | 6,900 | -- | -- | -- | -- | 2,160 | -- | -- | -- | -- | 26 | -- |
| | | IH 94 SB | 1024+00 | 1093+00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | STAGE 5 | | | | | | | | | | | | | | | | | | | | |
| | | IH 94 NB | 1024+00 | 1093+00 | -- | 27,365 | 1,390 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | IH 94 SB | 1024+00 | 1093+00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | STAGE 2A | | | | | | | | | | | | | | | | | | | | |
| | | CTH K | 26+57 | 58+53 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 785 | -- | -- | -- | -- |
| | STAGE 2B | | | | | | | | | | | | | | | | | | | | |
| | | CTH K | 26+57 | 58+63 | -- | -- | -- | -- | -- | -- | 500 | 635 | 390 | -- | -- | -- | 255 | -- | -- | 40 |
| | STAGE 3A | | | | | | | | | | | | | | | | | | | | |
| | | CTH K | 26+57 | 58+63 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 200 | -- | -- | -- |
| | STAGE 3B | | | | | | | | | | | | | | | | | | | | |
| | | CTH K | 26+57 | 58+53 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 450 | -- | -- | -- | -- |
| | STAGE 4A | | | | | | | | | | | | | | | | | | | | |
| | | CTH K | 26+57 | 58+53 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 150 | -- | -- | -- | -- |
| | STAGE 4B | | | | | | | | | | | | | | | | | | | | |
| | | CTH K | 26+57 | 58+53 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 900 | 700 | -- | -- | -- | -- | 24 |
| | STAGE 4C | | | | | | | | | | | | | | | | | | | | |
| | | CTH K | 26+57 | 58+53 | 1,000 | -- | -- | -- | -- | -- | -- | -- | -- | 1,200 | 1,800 | 250 | -- | -- | -- | 24 |
| | STAGE 4D | | | | | | | | | | | | | | | | | | | | |
| | | CTH K | 26+57 | 58+53 | 200 | -- | -- | -- | -- | -- | -- | -- | -- | 850 | 850 | 250 | -- | -- | -- | 24 |
| | STAGE 4E | | | | | | | | | | | | | | | | | | | | |
| | | CTH K | 26+57 | 58+53 | -- | 500 | 500 | -- | -- | -- | -- | -- | -- | -- | -- | 250 | -- | -- | -- | -- |
| | TOTALS | | | | 1,200 | 27,865 | 1,890 | 25,440 | 13,800 | -- | 20,965 | 7,535 | 390 | 5,110 | 3,350 | 2,135 | 1,655 | 190 | 26 | 112 |
| | | | | | | | | | 39,240 | | | 28,890 | | 8,460 | | | 1,845 | | | |

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | MISCELLANEOUS QUANTITIES | SHEET NO: 296 | E |
|---|---|---|---|---|---|

Addendum No. 01
ID 1030-11-72
Revised Sheet 330
May 16, 2018

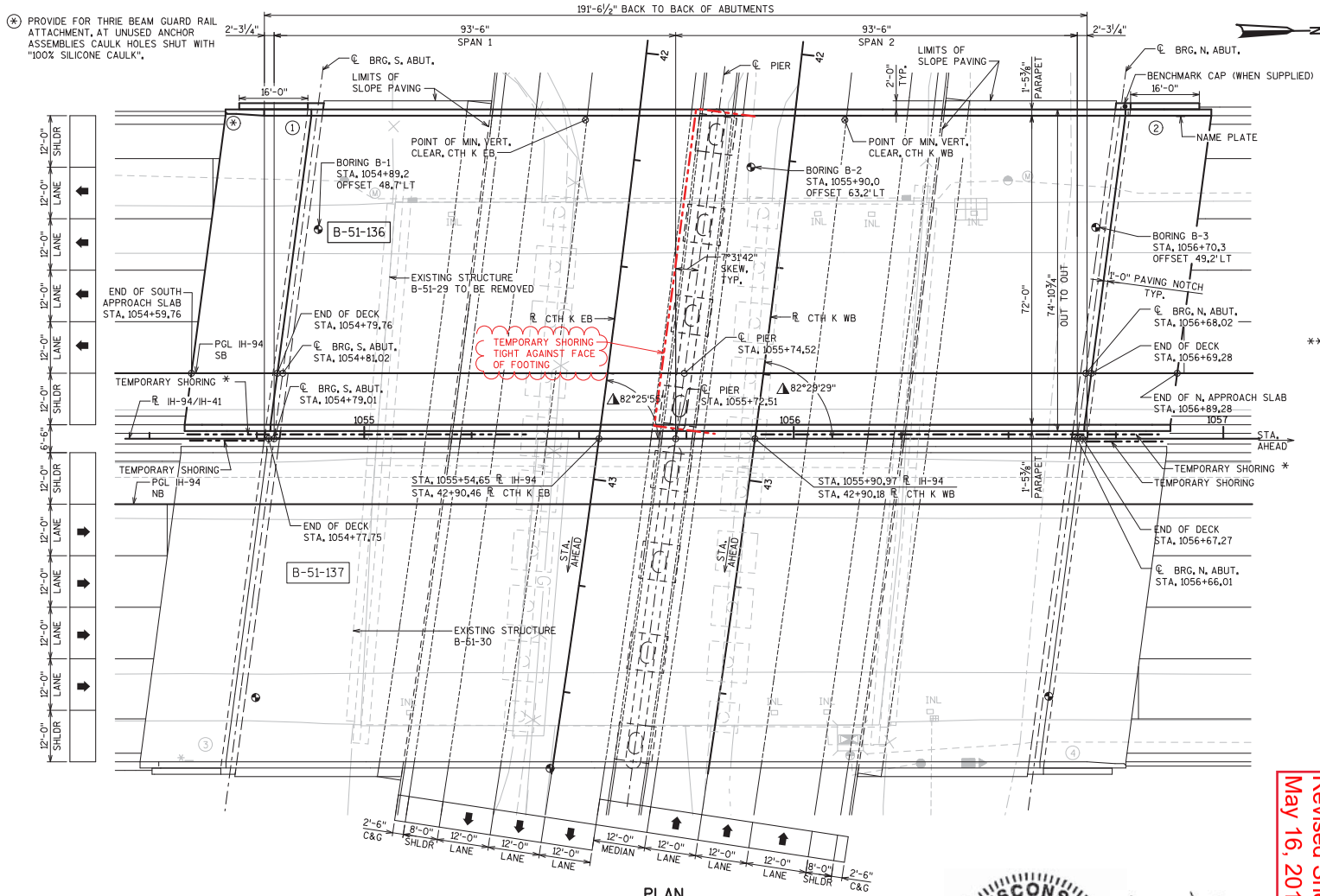



| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | PLAN AND PROFILE - CTH K TEMPORARY | SCALE, FEET 0 50 100 | SHEET 330 | E |
|---|---|---|---|---|---|---|

| STATE PROJECT NUMBER |
|---|
| 1030-11-72 |




(*) PROVIDE FOR THRIE BEAM GUARD RAIL ATTACHMENT, AT UNUSED ANCHOR ASSEMBLIES CAULK HOLES SHUT WITH "100% SILICONE CAULK".

## PLAN

(TWO SPAN - 45W" PRESTRESSED GIRDER BRIDGE)

BENCH MARKS

| BM NO. | COORDINATES | DESCRIPTION | ELEVATION |
|---|---|---|---|
| 4130 | Y 204838.38<br>X 594167.12 | CONCRETE MONUMENT WITH ALUMINUM CAP<br>STA. 1055+71.78, 101.61' RT. | 776.70 |
| 105664 | Y 204929.67<br>X 594376.26 | W. SIDE PILOT PARK LOT, N/S CTH K, ES EFR<br>STA. 1056+65.23, 309.78' RT. | 776.28 |

SEE ROADWAY PLANS FOR ADDITIONAL BENCH MARKS.

## LEGEND

(X) WING NUMBER

△ ANGLE MEASURED BETWEEN ℄ IH-94 AND A LINE TANGENT TO ℄ CTH K AT THE INTERSECTION POINT OF THE REFERENCE LINES.

* TEMPORARY SHORING REQUIRED TO CONSTRUCT STRUCTURE B-51-137. QUANTITY INCLUDED IN BID ITEMS FOR STRUCTURE B-51-137.

## DESIGN DATA

### LIVE LOAD

DESIGN RATING: HL-93
INVENTORY RATING FACTOR; RF= 1.24
OPERATING RATING FACTOR; RF= 1.60
WISCONSIN STANDARD PERMIT VEHICLE (WIS.-SPV); = 250 (KIPS)

DESIGNED FOR 20 PSF ADDITIONAL LOADS FOR FUTURE WEARING SURFACE.

### FOUNDATION DATA

ABUTMENTS AND PIER TO BE SUPPORTED ON 12¾ X 0.375 INCH C.I.P. PIPE PILES DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 210 TONS ** PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA.
ESTIMATED 75'-0" LONG PILES AT THE SOUTH ABUTMENT.
ESTIMATED 60'-0" LONG PILES AT PIER.
ESTIMATED 85'-0" LONG PILES AT NORTH ABUTMENT.
USE PILE POINTS AT PIER AND NORTH ABUTMENT.

** THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN IS THE REQUIRED DRIVING RESISTANCE MULTIPLIED BY A RESISTANCE FACTOR OF 0.5 USING MODIFIED GATES TO DETERMINE DRIVEN PILE CAPACITY.

DRIVE PILING AT SOUTH ABUTMENT, TO PLAN LENGTH UNLESS THE REQUIRED BEARING IS OBTAINED AT A SHORTER LENGTH. IF THE REQUIRED BEARING IS NOT OBTAINED WHEN THE PILE IS DRIVEN TO PLAN LENGTH, CONTACT THE BUREAU OF STRUCTURES.

### MATERIAL PROPERTIES

CONCRETE MASONRY
SLAB,PARAPET, APPROACH SLAB (HPC)..... f'c = 4,000 psi
ALL OTHER ..... f'c = 4,000 psi

BAR STEEL REINFORCEMENT,
HIGH STRENGTH, GRADE 60 .....fy = 60,000 psi
EPOXY COATED ALL EXCEPT FOOTINGS.

BAR STEEL REINFORCEMENT HS STAINLESS STEEL...fy=60,000 psi

45W-INCH PRESTRESSED GIRDERS,
CONCRETE MASONRY .....f'c = 8,000 psi
STRANDS = 0.6 INCH DIA. WITH AN ULTIMATE TENSILE STRENGTH OF 270,000 psi

### TRAFFIC DATA IH 94

ADT (2016) = 96,146
ADT (2038) = 115,545
DESIGN SPEED = 70 MPH

### TRAFFIC DATA CTH K

ADT (2016) = 9,000
ADT (2038) = 11,100
DESIGN SPEED = 40 MPH

Addendum No. 01
ID 1030-11-72
Revised Sheet 542
May 16, 2018

| NO. | DATE | REVISION | BY |
|---|---|---|---|
| 1 | 5/8/2018 | TEMPORARY SHORING REVISED | BDT |


BLOOM COMPANIES, LLC
Infrastructure Innovation and Ingenuity
10501 W. Research Drive • Milwaukee, WI 53226
Phone: (414) 771-3390 Fax: (414) 771-4490


STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED William C Dreher 3/2/18
CHIEF STRUCTURES DESIGN ENGINEER — DATE

# STRUCTURE B-51-136

IH-94 SB OVER CTH K

| COUNTY | TOWN |
|---|---|
| RACINE | RAYMOND |

DESIGN SPEC. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

| DESIGNED BY | DESIGN CK'D. | DRAWN BY | PLANS CK'D. |
|---|---|---|---|
| DMC | RJO | TAL | BDT |

## GENERAL PLAN

SHEET 1 OF 32

542

WISCONSIN
BABU D. THENGANAKUNNEL
E-35905
MILWAUKEE, WI
PROFESSIONAL ENGINEER
5-9-2018

William C Dreher 5/9/18

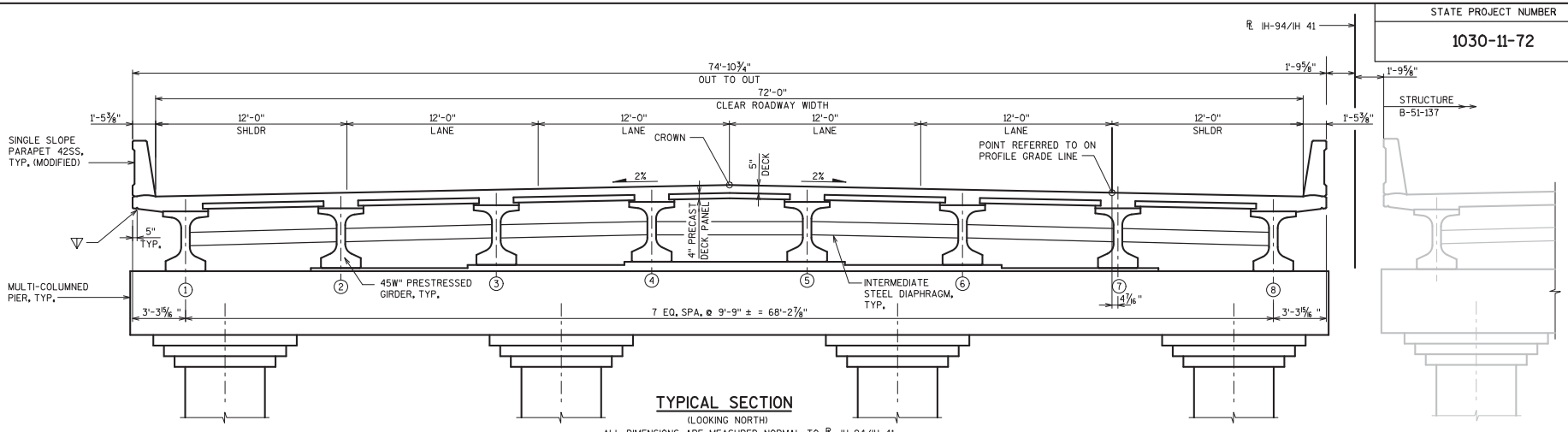
### STRUCTURE DESIGN CONTACTS

BUREAU OF STRUCTURES CONTACT:
WILLIAM DREHER
(608) 266-8489

CONSULTANT CONTACT:
YAN NENAYDYKH
(414) 292-4599


FILE NAME: FirstMn-36440 CTH K&STruct&B-51-136&-137&Current Plans&Current plans_2018&B-51-136&01_136_GP.dgn
DATE: 5/8/2018 6:44:27 PM Plotted by: bthengan PEN TABLES: V8_STRUCTURAL_REV.TBL

| STATE PROJECT NUMBER |
|---|
| 1030-11-72 |




## TYPICAL SECTION

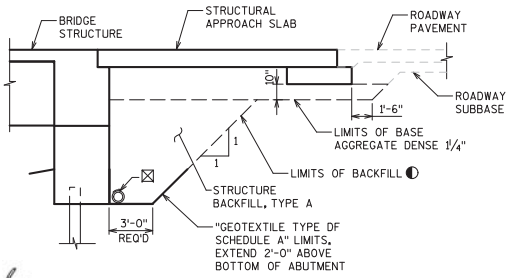
(LOOKING NORTH)

ALL DIMENSIONS ARE MEASURED NORMAL TO ℄ IH-94/IH 41

## TOTAL ESTIMATED QUANTITIES

| BID ITEMS NO. | BID ITEMS | UNIT | SOUTH APPROACH SLAB | SOUTH ABUTMENT | PIER | NORTH ABUTMENT | NORTH APPROACH SLAB | SUPER-STRUCTURE | TOTAL |
|---|---|---|---|---|---|---|---|---|---|
| 203.0200.051 | REMOVING OLD STRUCTURE STATION 1055+75 | LS | - | - | - | - | - | - | 1 |
| 203.0210.S.003 | ABATEMENT OF ASBESTOS CONTAINING MATERIAL B-51-29 | LS | - | - | - | - | - | - | 1 |
| 206.1000.003 | EXCAVATION FOR STRUCTURES BRIDGES B-51-136 | LS | - | - | - | - | - | - | 1 |
| 210.1500 | BACKFILL STRUCTURE TYPE A | TON | - | 310 | - | 310 | - | - | 620 |
| 305.0125 | BASE AGGREGATE DENSE 1 1/4-INCH | CY | 123 | - | - | - | 123 | - | 246 |
| 416.0620 | DRILLED DOWEL BARS | EACH | - | - | 28 | - | - | - | 28 |
| 501.1000.S | ICE HOT WEATHER CONCRETING | LB | 760 | 480 | 1070 | 480 | 760 | 3310 | 6860 |
| 502.0100 | CONCRETE MASONRY BRIDGES | CY | 21 | 64 | 143 | 64 | 21 | - | 313 |
| 502.3200 | PROTECTIVE SURFACE TREATMENT | SY | 160 | - | - | - | 160 | 1555 | 1875 |
| 502.3210 | PIGMENTED SURFACE SEALER | SY | 20 | - | - | - | 20 | 186 | 226 |
| 503.0146 | PRESTRESSED GIRDER TYPE I 45W-INCH | LF | - | - | - | - | - | 1502 | 1502 |
| 505.0400 | BAR STEEL REINFORCEMENT HS STRUCTURES | LB | - | - | 1,960 | - | - | - | 1960 |
| 505.0600 | BAR STEEL REINFORCEMENT HS COATED STRUCTURES | LB | 16840 | 5,870 | 20,950 | 5,870 | 16800 | 86,420 | 152,750 |
| 505.0800.S | BAR STEEL REINFORCEMENT HS STAINLESS STRUCTURES | LB | 1290 | - | - | - | 1290 | - | 2580 |
| 506.2605 | BEARING PADS ELASTOMERIC NON-LAMINATED | EACH | - | 8 | 16 | 8 | - | - | 32 |
| 506.4000.009 | STEEL DIAPHRAGMS STRUCTURE B-51-136 | EACH | - | - | - | - | - | 28 | 28 |
| 511.1200.010 | TEMPORARY SHORING STRUCTURE B-51-136 | SF | 69 | - | 742 | - | 69 | - | 880 |
| 516.0500 | RUBBERIZED MEMBRANE WATERPROOFING | SY | - | 16 | - | 16 | - | - | 32 |
| 517.1010.S.407 | CONCRETE STAINING STRUCTURE B-51-136 | SF | 79 | 142 | 2388 | 140 | 79 | 2078 | 4906 |
| 517.1050.S.407 | ARCHITECTURAL SURFACE TREATMENT STRUCTURE B-51-136 | SF | - | 16 | - | 16 | - | - | 32 |
| 550.0500 | PILE POINTS | EACH | - | - | 36 | 13 | - | - | 49 |
| 550.0600 | PILE REDRIVING | EACH | - | 2 | - | - | - | - | 2 |
| 550.2126 | PILING CIP CONCRETE 12 3/4 X 0.375-INCH | LF | - | 975 | 2160 | 1105 | - | - | 4240 |
| 612.0406 | PIPE UNDERDRAIN WRAPPED 6-INCH | LF | - | 100 | - | 100 | - | - | 200 |
| 614.0150 | ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD | EACH | 1 | - | - | - | - | - | 1 |
| 645.0111 | GEOTEXTILE TYPE DF SCHEDULE A | SY | - | 80 | - | 80 | - | - | 160 |
| SPV.0035.400 | HPC MASONRY STRUCTURES | CY | 80 | - | - | - | 80 | 441 | 601 |
| SPV.0165.401 | LONGITUDINAL GROOVING BRIDGE DECK | SF | 1440 | - | - | - | 1440 | 13650 | 16530 |
| SPV.0165.477 | PARTIAL DEPTH PRECAST PRESTRESSED CONCRETE DECK PANELS B-51-136 | SF | - | - | - | - | - | 10111 | 10111 |
| SPV.0180.400 | SLOPE PAVING CRUSHED AGGREGATE SPECIAL | SY | - | 331 | - | 331 | - | - | 662 |
| | NON-BID ITEMS | | | | | | | | |
| | PREFORMED JOINT FILLER | SIZE | | | | | | | ½", ¾", 1½" |
| | NAME PLATE | | | | | | | | |
| ☆ | PRECAST PIER COLUMNS | | | | | | | | |
| ☆ | GROUTED BAR COUPLERS | | | | | | | | |
| | | | | | | | | | |

ALL ITEMS ARE CATEGORY 2020




William C. Dreher
5/9/18

## STRUCTURAL BACKFILL LIMITS

◐ BACKFILL PAY LIMITS. BACKFILL BEYOND BACKFILL PAY LIMITS SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES. LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR.

⊠ PIPE UNDERDRAIN WRAPPED (6- INCH), SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN.

▽ ¾" V GROOVE REQUIRED. EXTEND TO 6" FROM F.F. OF ABUTMENT DIAPHRAGM.

☆ PRECAST PIER NON-BID ITEMS (PRECAST PIER COLUMNS AND GROUTED BAR COUPLERS) ARE FOR INFORMATIONAL PURPOSES ONLY. IF THE CONTRACTOR ELECTS TO UTILIZE PRECAST PIER COLUMNS, THE NON-BID ITEM SPECIAL PROVISIONS WITHIN THIS CONTRACT SHALL GOVERN THE WORK. PAYMENT FOR THE PRECAST PIER SHALL BE BASED ON THE QUANTITIES AND PRICES BID FOR THE ITEMS LISTED IN THE "TOTAL ESTIMATED QUANTITIES" FOR THE CAST-IN-PLACE PIER.

WISCONSIN
BABU D. THENGANAKUNNEL
E-35905
MILWAUKEE, WI
PROFESSIONAL ENGINEER
5-9-2018

| NO. | DATE | REVISION | BY |
|---|---|---|---|
| 1 | 5/8/2018 | QUANTITIES REVISED | BDT |

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-51-136

| DRAWN BY | TAL | PLANS CK'D. | BDT |
|---|---|---|---|

TYPICAL SECTION AND ESTIMATE OF QUANTITIES

SHEET 3 OF 32

544

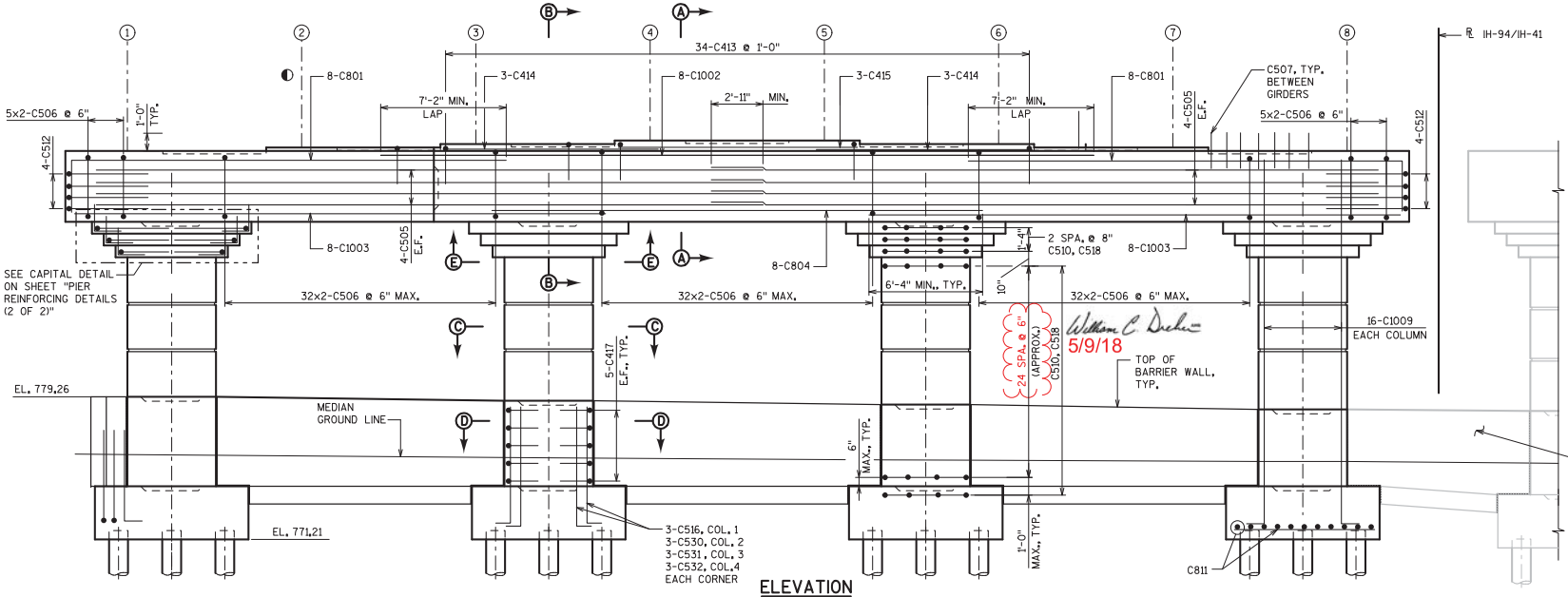
Addendum No. 01
ID 1030-11-72
Revised Sheet 544
May 16, 2018

FILE NAME: FishBMI-164D CTH K45-Truck8-51-136&-137&Current Plans&Current Plans_2018\8-51-136403_136_Typ_Sec.dgn
DATE: 5/8/2018 6:48:02 PM
PEN TABLES V8_STRUCTURAL_REV.TBL
Plotted by bthengan

8

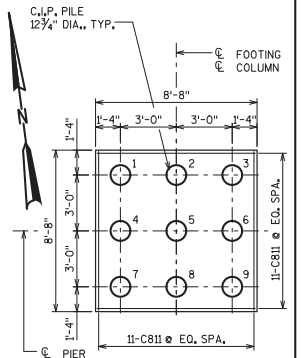
8

| STATE PROJECT NUMBER |
|---|
| 1030-11-72 |




## ELEVATION

(LOOKING NORTH)
ALL DIMENSIONS ARE MEASURED ALONG ℄ PIER




## FOOTING PLAN

(TYPICAL FOR EACH COLUMN)

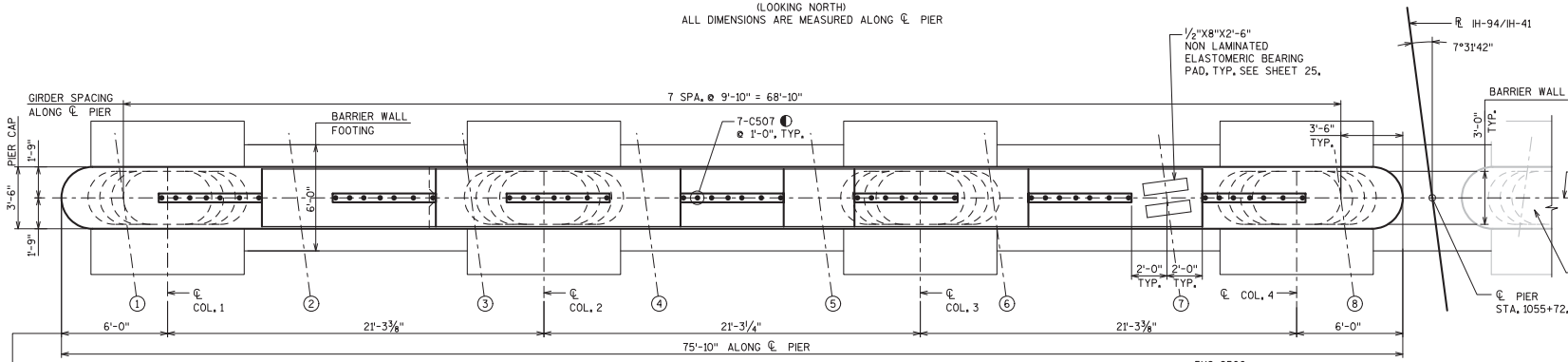
BARRIER WALL BETWEEN PIERS, CONC. & REINF. INCLUDED IN B-51-137 QUANTITIES

## NOTES

FOR SECTION DETAILS SEE SHEET "PIER REINFORCING DETAILS (2 OF 2)."

FOR BARRIER WALL DETAILS SEE SHEET "PIER BARRIER WALL DETAILS".

REINFORCING SHOWN IS NOT VALID FOR PRECAST PANEL OPTION.

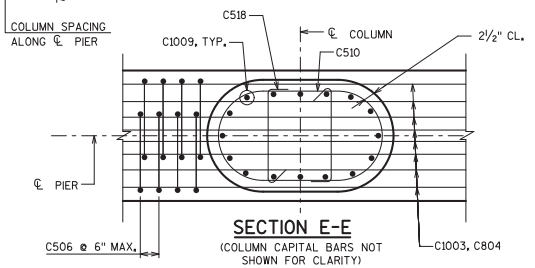



## PLAN

## LEGEND

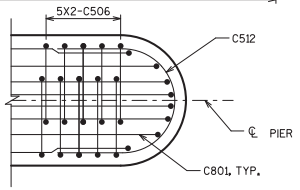
- (X) GIRDER NUMBER
- ◐ BAR MAY BE PLACED AFTER CONCRETE IS POURED BUT BEFORE INITIAL SET HAS TAKEN PLACE.

E.F. - EACH FACE




## SECTION E-E

(COLUMN CAPITAL BARS NOT SHOWN FOR CLARITY)




## PLAN VIEW SHOWING END OF CAP REINFORCEMENT

WISCONSIN
BABU D. THENGANAKUNNEL
E-35905
MILWAUKEE, WI
PROFESSIONAL ENGINEER
5-9-2018

Addendum No. 01
ID 1030-11-72
Revised Sheet 555
May 16, 2018

| NO. | DATE | REVISION | BY |
|---|---|---|---|
| 1 | 5/8/2018 | REBAR SPACING REVISED | BDT |

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-51-136

| DRAWN BY | TAL | PLANS CK'D. | BDT |
|---|---|---|---|

PIER REINFORCING DETAILS (1 OF 2)

SHEET 14 OF 32

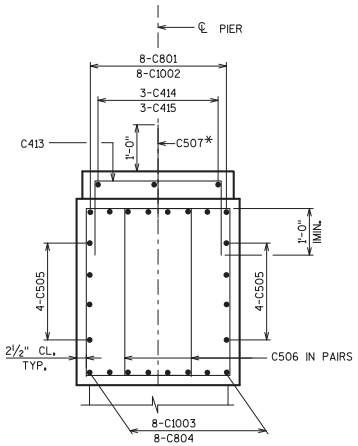
555

8

8

FILE NAME: FishEM-16440 CTH Kas1rucsb-51-136&-137sCurrent Plans\Current plans_2018\b51-136&14_136_Pier Reinf Det 1.dgn
DATE: 5/8/2018 6:53:35 PM Plotted by: bthengan PEN TABLES: V8_STRUCTURAL_REV.TBL

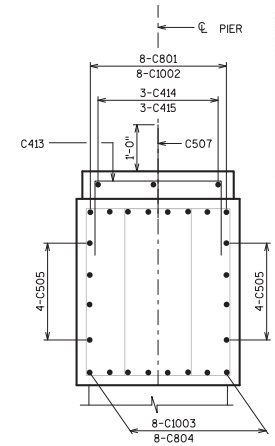
| STATE PROJECT NUMBER |
|---|
| 1030-11-72 |




## SECTION A-A

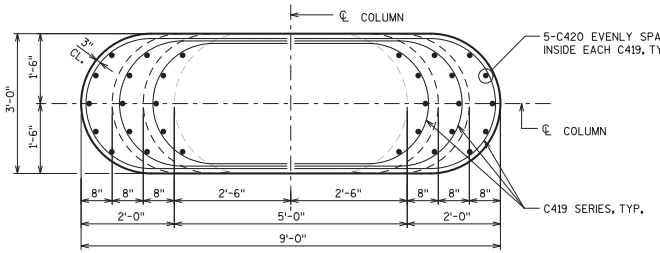
PIER CAP SECTION MIDDLE SPAN BETWEEN COLUMNS

* BAR MAY BE PLACED AFTER CONCRETE IS POURED BUT BEFORE INITIAL SET HAS TAKEN PLACE.



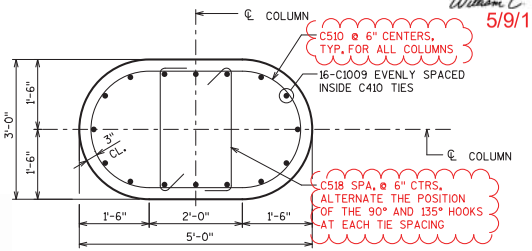

## SECTION B-B

PIER CAP SECTION ABOVE COLUMN



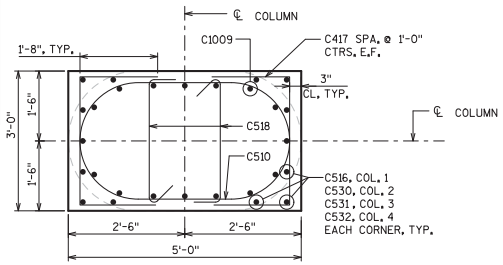

## SECTION THRU TOP OF COLUMN

COLUMN DETAILS AT CAPITALS
COLUMN STEEL NOT SHOWN FOR CLARITY



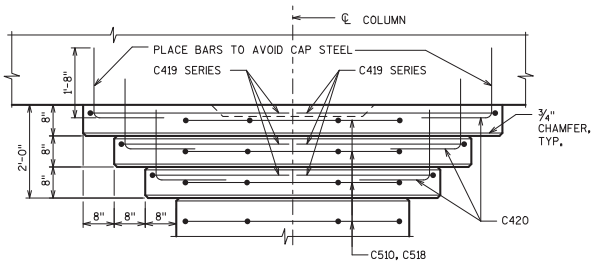

## SECTION C-C

TYPICAL COLUMN SECTION ABOVE TOP OF BARRIER WALL




## SECTION D-D

TYPICAL COLUMN SECTION
BELOW TOP OF BARRIER WALL



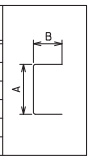

## CAPITAL DETAIL

## NOTES

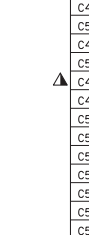
FOR C.I.P. PILE DETAILS SEE SHEET "SOUTH ABUTMENT DETAILS".

FOR PIER GEOMETRY AND REINFORCEMENT DETAILS SEE SHEETS "PIER GEOMETRY" AND "PIER REINFORCING DETAILS (1 OF 2)".

| BAR MARK | A | B |
|---|---|---|
| C413 | 2'-9" | 1'-8" |
| C417 | 2'-6" | 1'-8" |
| C521 | 2'-7" | 4'-4" |
| C528 | 6" | 4'-7" |
| C533 | 2'-7" | 4'-4" |
| C534 | 2'-7" | 4'-1" |




| BAR MARK | C | D |
|---|---|---|
| C801 | 24'-0" | 3'-6" |
| C1009 | 21'-0" | 1'-10" |
| C516 | 7'-2" | 10" |
| C420 | 1'-8" | 1'-4" |
| C522 | 3'-11" | 10" |
| C527 | 4'-9" | 7½" |
| C529 | 5'-5" | 10" |
| C530 | 6'-10" | 10" |
| C531 | 6'-8" | 10" |
| C532 | 6'-4" | 10" |




William C Dreher
5/9/18

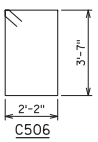
## BILL OF BARS

APPLICABLE FOR CAST-IN-PLACE PIER OPTION ONLY

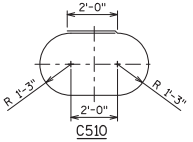
| BAR MARK | COAT | NO. | LENGTH | BENT | BAR SERIES | LOCATION |
|---|---|---|---|---|---|---|
| C801 | X | 16 | 27'-4" | X | - | PIER CAP-HORIZ., TOP |
| C1002 | X | 8 | 41'-10" | - | - | PIER CAP-HORIZ., TOP |
| C1003 | X | 16 | 30'-3" | - | - | PIER CAP-HORIZ., BOTTOM |
| C804 | X | 8 | 27'-9" | - | - | PIER CAP-HORIZ., BOTTOM |
| C505 | X | 16 | 39'-2" | - | - | PIER CAP-HORIZ., EACH FACE |
| C506 | X | 212 | 12'-2" | X | - | PIER CAP, STIRRUPS |
| C507 | X | 49 | 2'-0" | - | - | PIER CAP-DOWELS |
| | | | | | | |
| C1009 | X | 64 | 22'-10" | X | - | COLUMN-VERT. |
| C510 | X | 116 | 13'-11" | X | - | COLUMN-HORIZ, TIE |
| C811 | - | 88 | 8'-4" | - | - | FOOTING |
| C512 | X | 8 | 8'-2" | X | - | PIER CAP-HORIZ., ENDS |
| C413 | X | 34 | 5'-11" | X | - | PIER CAP-VERT. |
| C414 | X | 6 | 10'-10" | - | - | PIER CAP-HORIZ., TOP, UNDER GIRDER SEATS |
| C415 | X | 3 | 13'-10" | - | - | PIER CAP-HORIZ., TOP, UNDER GIRDER SEATS |
| C516 | X | 12 | 7'-11" | X | - | COL.1 -VERT., BELOW TOP OF BARRIER WALL |
| C417 | X | 40 | 5'-8" | X | - | COLUMN-BOTTOM |
| C518 | X | 232 | 3'-4" | X | - | COLUMN-HORIZ, TIE |
| ⚠ C419 | X | 24 | 8'-7" | X | X | COLUMN CAPITAL-HORIZ. |
| C420 | X | 120 | 2'-11" | X | - | COLUMN CAPITAL-VERT. |
| C521 | X | 18 | 11'-0" | X | - | BARRIER WALL-VERT. BETW. COL. 1 & 2 |
| C522 | X | 78 | 4'-8" | X | - | BARRIER WALL-VERT. |
| C523 | X | 36 | 15'-9" | - | - | BARRIER WALL-HORIZ. |
| C524 | X | 21 | 12'-2" | - | - | BARRIER WALL-FOOTING |
| C525 | X | 39 | 5'-8" | - | - | BARRIER WALL-FOOTING |
| C526 | X | 6 | 8'-6" | X | - | BARRIER WALL-HORIZ. |
| C527 | X | 7 | 5'-5" | X | - | BARRIER WALL-VERT. |
| C528 | X | 5 | 9'-5" | X | - | BARRIER WALL-VERT. |
| C529 | X | 9 | 6'-2" | X | - | OUTSIDE COLUMN FOOTING |
| C530 | X | 12 | 7'-6" | X | - | COL.2-VERT., BELOW TOP OF BARRIER WALL |
| C531 | X | 12 | 7'-5" | X | - | COL3 -VERT., BELOW TOP OF BARRIER WALL |
| C532 | X | 12 | 7'-0" | X | - | COL.4-VERT., BELOW TOP OF BARRIER WALL |
| C533 | X | 17 | 11'-0" | X | - | BARRIER WALL-VERT. BETW. COL. 2 & 3 |
| C534 | X | 17 | 10'-5" | X | - | BARRIER WALL-VERT. BETW. COL. 3 & 4 |

⚠ LENGTH SHOWN FOR BAR IS AN AVERAGE LENGTH AND SHOULD ONLY BE USED FOR BAR WEIGHT CALCULATIONS. SEE BAR SERIES TABLE FOR ACTUAL LENGTHS.

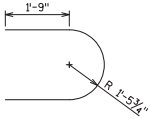
## BENDING DIAGRAMS




C506




C510

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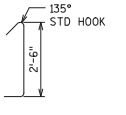
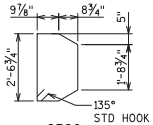
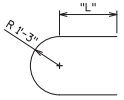



C518




C526




C419

## BAR SERIES TABLE

| BAR MARK | NO. REQ'D | "L" | LENGTH |
|---|---|---|---|
| C419 | 8 SERIES OF 3 | 1'-8" TO 3'-0" | 7'-3" TO 9'-11" |

BUNDLE AND TAG EACH SERIES SEPARATELY

| NO. | DATE | REVISION | BY |
|---|---|---|---|
| ⚠1 | 5/8/2018 | BILL OF BARS REVISED | BDT |

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-51-136

| DRAWN BY | TAL | PLANS CK'D. | BDT |
|---|---|---|---|

PIER REINFORCING DETAILS (2 OF 2)

SHEET 15 OF 32

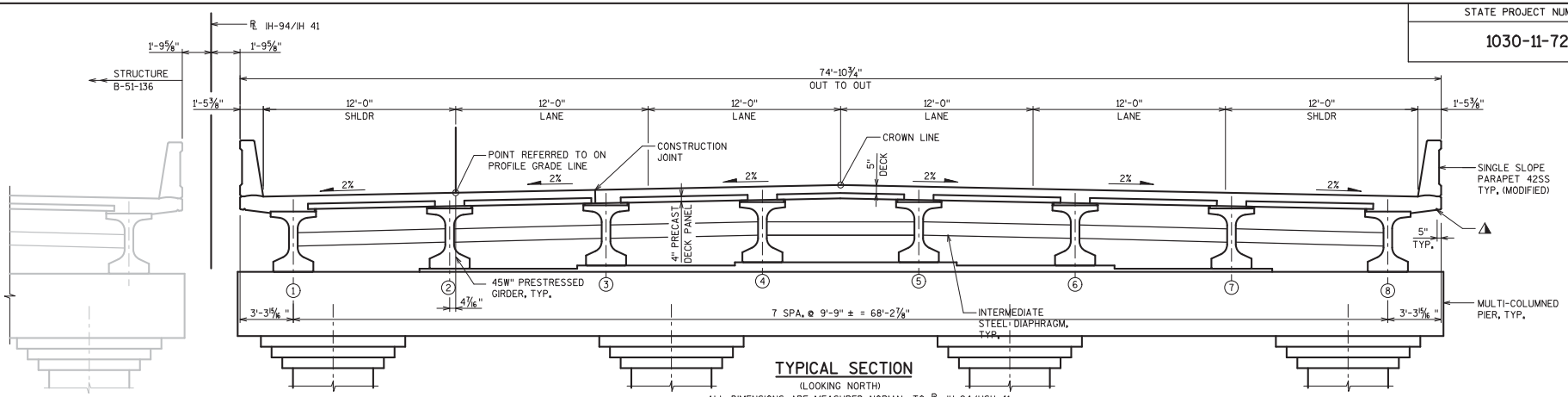
556

Addendum No. 01
ID 1030-11-72
Revised Sheet 556
May 16, 2018

WISCONSIN
BABU D. THENGANAKUNNEL
E-35905
MILWAUKEE, WI
PROFESSIONAL ENGINEER
5-9-2018

FILE NAME: FishM-9440 CTH Kas1truck8-51-136&-137&Current Plans&Current plans_2018a8-51-136&35_136_Pier Reinf Det 2.dgn
DATE: 5/8/2018 6:25:26 PM Plotted by bthengon PEN TABLES V8_STRUCTURAL_REV.TBL

| STATE PROJECT NUMBER |
|---|
| 1030-11-72 |




## TYPICAL SECTION

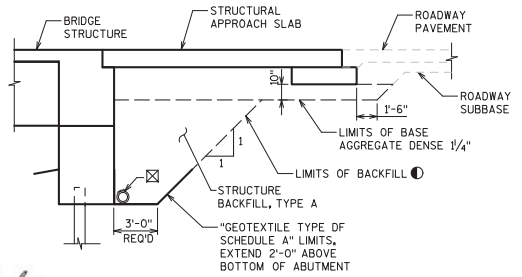
(LOOKING NORTH)

ALL DIMENSIONS ARE MEASURED NORMAL TO ℄ IH-94/USH-41

## TOTAL ESTIMATED QUANTITIES

| | BID ITEMS NO. | BID ITEMS | UNIT | SOUTH APPROACH SLAB | SOUTH ABUTMENT | PIER | NORTH ABUTMENT | NORTH APPROACH SLAB | SUPER-STRUCTURE | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|
| | 203.0200.052 | REMOVING OLD STRUCTURE STATION 1055+71 | LS | - | - | - | - | - | - | 1 |
| | 203.0210.S.004 | ABATEMENT OF ASBESTOS CONTAINING MATERIAL B-51-30 | LS | - | - | - | - | - | - | 1 |
| | 206.1000.004 | EXCAVATION FOR STRUCTURES BRIDGES B-51-137 | LS | - | - | - | - | - | - | 1 |
| | 210.1500 | BACKFILL STRUCTURE TYPE A | TON | - | 299 | - | 291 | - | - | 590 |
| | 305.0125 | BASE AGGREGATE DENSE 1 1/4-INCH | CY | 123 | - | - | - | 123 | - | 246 |
| | 416.0620 | DRILLED DOWEL BARS | EACH | - | - | 28 | - | - | - | 28 |
| | 501.1000.S | ICE HOT WEATHER CONCRETING | LB | 760 | 480 | 1130 | 480 | 760 | 3310 | 6920 |
| | 502.0100 | CONCRETE MASONRY BRIDGES | CY | 21 | 64 | 150 | 64 | 21 | - | 320 |
| | 502.3200 | PROTECTIVE SURFACE TREATMENT | SY | 160 | - | - | - | 160 | 1555 | 1875 |
| | 502.3210 | PIGMENTED SURFACE SEALER | SY | 20 | - | - | - | 20 | 186 | 226 |
| | 503.0146 | PRESTRESSED GIRDER TYPE I 45W-INCH | LF | - | - | - | - | - | 1502 | 1502 |
| | 505.0400 | BAR STEEL REINFORCEMENT HS STRUCTURES | LB | - | - | 1960 | - | - | - | 1960 |
| | 505.0600 | BAR STEEL REINFORCEMENT HS COATED STRUCTURES | LB | 17200 | 5930 | 21940 | 5930 | 17120 | 87330 | 155450 |
| | 505.0800.S | BAR STEEL REINFORCEMENT HS STAINLESS STRUCTURES | LB | 1290 | - | - | - | 1290 | - | 2580 |
| | 506.2605 | BEARING PADS ELASTOMERIC NON-LAMINATED | EACH | - | 8 | 16 | 8 | - | - | 32 |
| | 506.4000.010 | STEEL DIAPHRAGMS STRUCTURE B-51-137 | EACH | - | - | - | - | - | 28 | 28 |
| | 511.1200.011 | TEMPORARY SHORING STRUCTURE B-51-137 | SF | - | 1689 | - | 1809 | - | - | 3498 |
| | 516.0500 | RUBBERIZED MEMBRANE WATERPROOFING | SY | - | 16 | - | 16 | - | - | 32 |
| | 517.1010.S.408 | CONCRETE STAINING STRUCTURE B-51-137 | SF | 74 | 140 | 2422 | 143 | 74 | 2078 | 4931 |
| | 517.1050.S.408 | ARCHITECTURAL SURFACE TREATMENT STRUCTURE B-51-137 | SF | - | 16 | - | 16 | - | - | 32 |
| | 550.0500 | PILE POINTS | EACH | - | - | 36 | 13 | - | - | 49 |
| | 550.0600 | PILE REDRIVING | EACH | - | 2 | - | - | - | - | 2 |
| | 550.2126 | PILING CIP CONCRETE 12 3/4 X 0.375-INCH | LF | - | 910 | 2880 | 1040 | - | - | 4830 |
| | 612.0406 | PIPE UNDERDRAIN WRAPPED 6-INCH | LF | - | 100 | - | 100 | - | - | 200 |
| | 614.0150 | ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD | EACH | - | - | - | - | 1 | - | 1 |
| | 645.0111 | GEOTEXTILE TYPE DF SCHEDULE A | SY | - | 80 | - | 80 | - | - | 160 |
| | SPV.0035.400 | HPC MASONRY STRUCTURES | CY | 80 | - | - | - | 80 | 441 | 601 |
| | SPV.0165.401 | LONGITUDINAL GROOVING BRIDGE DECK | SF | 1440 | - | - | - | 1440 | 13650 | 16530 |
| | SPV.0165.478 | PARTIAL DEPTH PRECAST PRESTRESSED CONCRETE DECK PANELS B-51-137 | SF | - | - | - | - | - | 10111 | 10111 |
| | SPV.0180.400 | SLOPE PAVING CRUSHED AGGREGATE SPECIAL | SY | - | 332 | - | - | 332 | - | 664 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | NON-BID ITEMS | | | | | | | | |
| | | PREFORMED JOINT FILLER | SIZE | | | | | | | ½", ¾", 1½" |
| | | NAME PLATE | | | | | | | | |
| ☆ | | PRECAST PIER COLUMNS | | | | | | | | |
| ☆ | | GROUTED BAR COUPLERS | | | | | | | | |
| | | | | | | | | | | |

ALL ITEMS ARE CATEGORY 2030




## STRUCTURAL BACKFILL LIMITS

William C Duchac
5/9/18

### LEGEND

◐ BACKFILL PAY LIMITS. BACKFILL BEYOND BACKFILL PAY LIMITS SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES. LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR.

☒ PIPE UNDERDRAIN WRAPPED (6- INCH). SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN.

◭ ¾" V-GROVE REQUIRED, EXTEND TO 6" FROM F.F. OF ABUTMENT DIAPHRAGM.

☆ PRECAST PIER NON-BID ITEMS (PRECAST PIER COLUMNS AND GROUTED BAR COUPLERS) ARE FOR INFORMATIONAL PURPOSES ONLY. IF THE CONTRACTOR ELECTS TO UTILIZE PRECAST PIER COLUMNS, THE NON-BID ITEM SPECIAL PROVISIONS WITHIN THIS CONTRACT SHALL GOVERN THE WORK. PAYMENT FOR THE PRECAST PIER SHALL BE BASED ON THE QUANTITIES AND PRICES BID FOR THE ITEMS LISTED IN THE "TOTAL ESTIMATED QUANTITIES" FOR THE CAST-IN-PLACE PIER.

WISCONSIN
BABU D. THENGANAKUNNEL
E-35905
MILWAUKEE, WI
PROFESSIONAL ENGINEER
5-9-2018

Addendum No. 01
ID 1030-11-72
Revised Sheet 576
May 16, 2018

| NO. | DATE | REVISION | BY |
|---|---|---|---|
| 1 | 5/8/2018 | QUANTITY REVISED | BDT |

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-51-137

DRAWN BY TAL | PLANS CK'D. BDT

TYPICAL SECTION AND ESTIMATE OF QUANTITIES

SHEET 3 OF 32

576

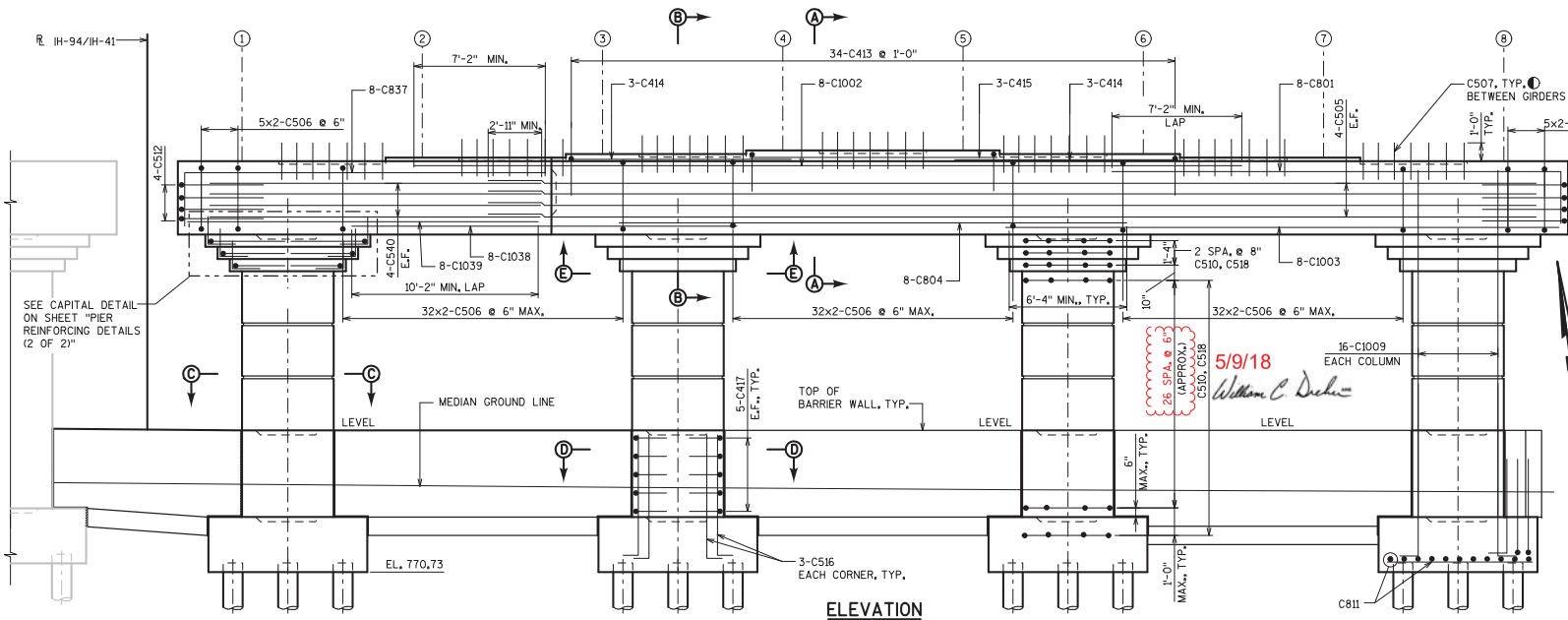
FILE NAME: FieldMx-9640 CTH K45\Truck8-51-136&-137\Current Plans\Current plans_2018\b8-51-137x03_137-Typ_Sec.dgn
DATE: 5/8/2018 625439 PM Plotted by brhangon PEN TABLES V8.STRUCTURAL_REV.TBL

8

8

STATE PROJECT NUMBER

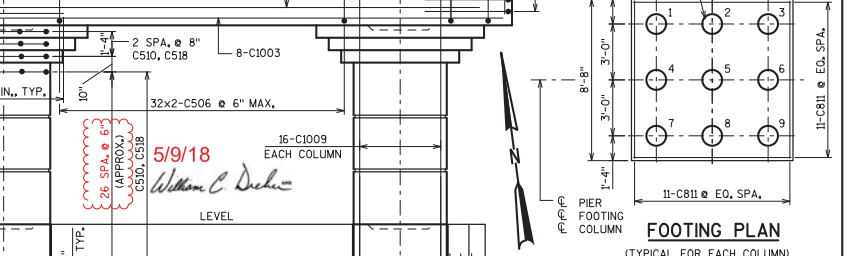
1030-11-72




## ELEVATION

(LOOKING NORTH)

ALL DIMENSIONS ARE MEASURED ALONG ℄ PIER




## FOOTING PLAN

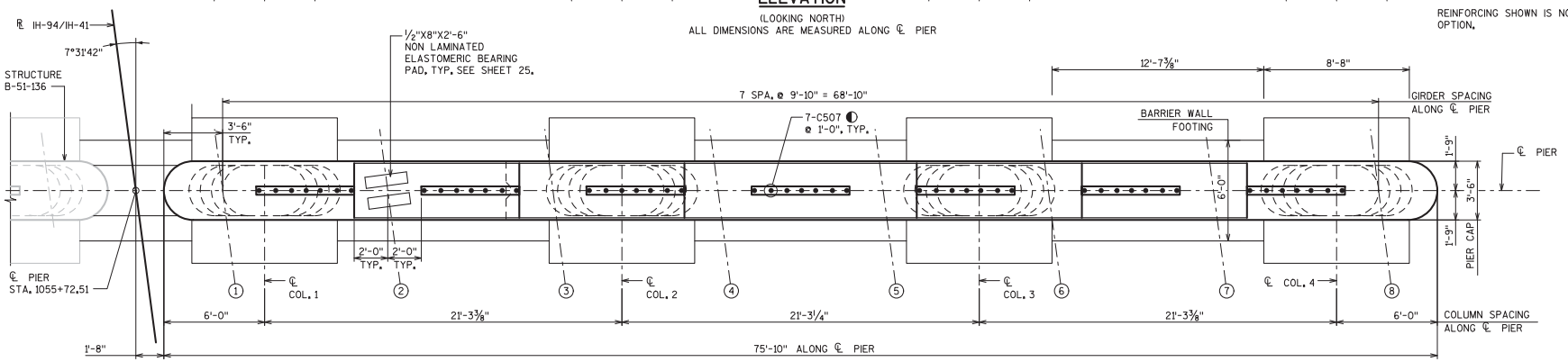
(TYPICAL FOR EACH COLUMN)

## NOTES

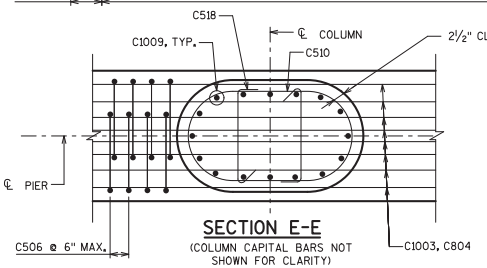
FOR SECTION DETAILS SEE SHEET "PIER REINFORCING DETAILS (2 OF 2)".

FOR BARRIER WALL DETAILS SEE SHEET "PIER BARRIER WALL DETAILS".

REINFORCING SHOWN IS NOT VALID FOR PRECAST PIER OPTION.




## PLAN




## SECTION E-E

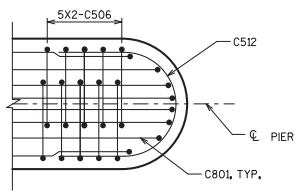
(COLUMN CAPITAL BARS NOT SHOWN FOR CLARITY)

## LEGEND

◐ BAR MAY BE PLACED AFTER CONCRETE IS POURED BUT BEFORE INITIAL SET HAS TAKEN PLACE.

Ⓧ GIRDER NUMBER

E.F. - EACH FACE




## PLAN VIEW SHOWING END OF CAP REINFORCEMENT

WISCONSIN
BABU D. THENGANAKUNNEL
E-35905
MILWAUKEE, WI
PROFESSIONAL ENGINEER
5-9-2018

Addendum No. 01
ID 1030-11-72
Revised Sheet 587
May 16, 2018

| NO. | DATE | REVISION | BY |
|---|---|---|---|
| 1 | 5/8/2018 | REBAR SPACING REVISED | BDT |

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-51-137

DRAWN BY TAL | PLANS CK'D. BDT

PIER REINFORCING DETAILS (1 OF 2)

SHEET 14 OF 32

587

FILE NAME: FisBM-36440 CTH Kas1rucsb-51-136&-137&Current Plans&Current plans_2018sb-51-137&14_137_Pier Reinf Det 1.dgn
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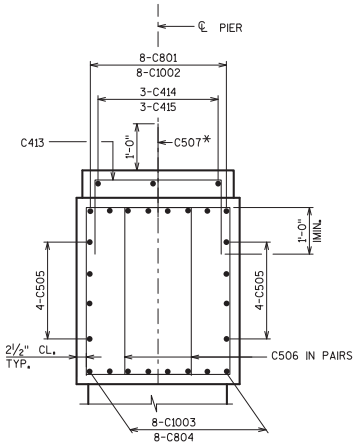
STATE PROJECT NUMBER

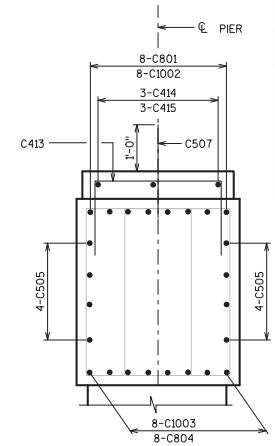
1030-11-72




## SECTION A-A

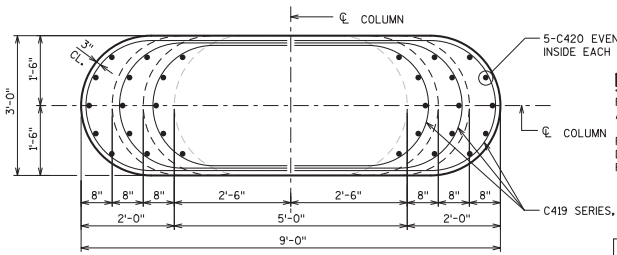
PIER CAP SECTION MIDDLE SPAN BETWEEN COLUMNS

* BAR MAY BE PLACED AFTER CONCRETE IS POURED BUT BEFORE INITIAL SET HAS TAKEN PLACE.




## SECTION B-B

PIER CAP SECTION ABOVE COLUMN




## SECTION THRU TOP OF COLUMN

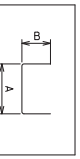
COLUMN DETAILS AT CAPITALS
COLUMN STEEL NOT SHOWN FOR CLARITY

## NOTES

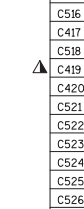
FOR C.I.P. PILE DETAILS SEE SHEET "SOUTH ABUTMENT DETAILS".

FOR PIER GEOMETRY AND REINFORCEMENT DETAILS SEE SHEETS "PIER GEOMETRY AND PIER REINFORCING DETAILS (1 OF 2)".

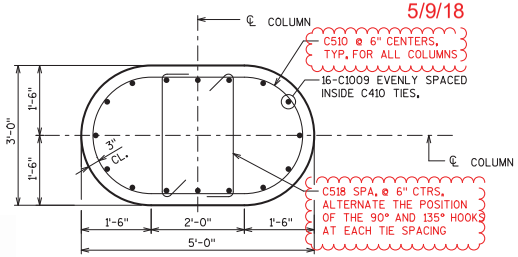
| BAR MARK | A | B |
|---|---|---|
| C413 | 2'-9" | 1'-8" |
| C417 | 2'-7" | 1'-8" |
| C521 | 2'-7" | 4'-4" |
| C528 | 6" | 4'-4" |
| C533 | 2'-7" | 4'-4" |
| C534 | 2'-7" | 4'-0" |




| BAR MARK | C | D |
|---|---|---|
| C801 | 24'-0" | 3'-6" |
| C1009 | 21'-0" | 1'-10" |
| C516 | 6'-10" | 10" |
| C420 | 1'-8" | 1'-4" |
| C522 | 3'-9" | 1'-6" |
| C527 | 4'-4" | 7½" |
| C529 | 5'-5" | 10" |
| C837 | 20'-1" | 3'-6" |

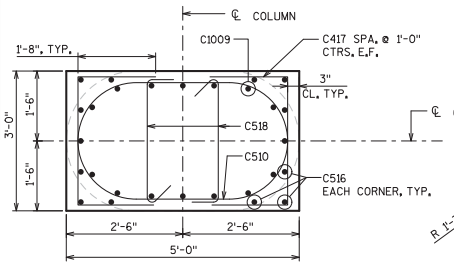



William C. Dachel
5/9/18



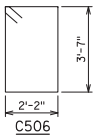

## SECTION C-C

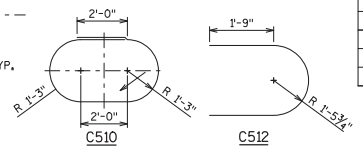
TYPICAL COLUMN SECTION ABOVE TOP OF BARRIER WALL



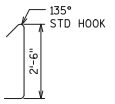

## SECTION D-D

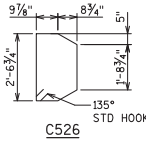
TYPICAL COLUMN SECTION BELOW TOP OF BARRIER WALL

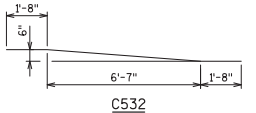



## BENDING DIAGRAMS



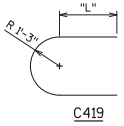



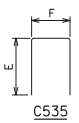




## BILL OF BARS

| BAR MARK | COAT | NO. STAGE 2A_B | NO. STAGE 3A_B | LENGTH | BENT | BAR SERIES | LOCATION |
|---|---|---|---|---|---|---|---|
| C801 | X | 8 | - | 27'-4" | X | - | PIER CAP-HORIZ,, TOP |
| C1002 | X | 8 | - | 45'-10" | - | - | PIER CAP-HORIZ,, TOP |
| C1003 | X | 8 | - | 30'-3" | - | - | PIER CAP-HORIZ,, BOTTOM |
| C804 | X | 8 | - | 27'-9" | - | - | PIER CAP-HORIZ,, BOTTOM |
| C505 | X | 8 | - | 56'-8" | - | - | PIER CAP-HORIZ,, EACH FACE |
| C506 | X | 156 | 56 | 12'-2" | X | - | PIER CAP, STIRRUPS |
| C507 | X | 36 | 13 | 2'-0" | - | - | PIER CAP-DOWELS |
| | | | | | | | |
| C1009 | X | 48 | 16 | 22'-10" | X | - | COLUMN-VERT, |
| C510 | X | 93 | 31 | 13'-11" | X | - | COLUMN-HORIZ, TIE |
| C811 | - | 66 | 22 | 8'-4" | - | - | FOOTING |
| C512 | X | 4 | 4 | 8'-2" | X | - | PIER CAP-HORIZ,, ENDS |
| C413 | X | 34 | - | 5'-11" | X | - | PIER CAP-VERT, |
| C414 | X | 6 | - | 10'-10" | - | - | PIER CAP-HORIZ,, TOP, GIR SEATS |
| C415 | X | 3 | - | 13'-10" | - | - | PIER CAP-HORIZ,, TOP, GIR SEATS |
| C516 | X | 36 | 12 | 7'-6" | X | - | COLUMN-VERT,, TOP, BARRIER WALL |
| C417 | X | 30 | 10 | 5'-9" | X | - | COLUMN-BOTTOM |
| C518 | X | 186 | 62 | 3'-4" | X | - | COLUMN-HORIZ, TIE |
| ⚠ C419 | X | 18 | 6 | 8'-7" | X | X | COLUMN CAPITAL-HORIZ, |
| C420 | X | 90 | 30 | 2'-11" | X | - | COLUMN CAPITAL-VERT, |
| C521 | X | 35 | 17 | 11'-0" | X | - | BARRIER WALL-VERT, |
| C522 | X | 52 | 40 | 5'-1" | X | - | BARRIER WALL-VERT, |
| C523 | X | 24 | 12 | 15'-9" | - | - | BARRIER WALL-HORIZ, |
| C524 | X | 14 | 7 | 12'-2" | - | - | BARRIER WALL-FOOTING |
| C525 | X | 26 | 20 | 5'-8" | - | - | BARRIER WALL-FOOTING |
| C526 | X | 5 | - | 8'-6" | X | - | BARRIER WALL-HORIZ, |
| C527 | X | 7 | - | 4'-10" | X | - | BARRIER WALL-VERT, |
| C528 | X | 5 | - | 8'-11" | X | - | BARRIER WALL-VERT, |
| C529 | X | 9 | - | 6'-2" | X | - | OUTSIDE COLUMN FOOTING |
| C530 | X | - | 10 | 9'-11" | - | - | BARRIER WALL-HORIZ, |
| C531 | X | - | 7 | 6'-2" | - | - | BARRIER WALL-FOOTING |
| C532 | X | - | 2 | 9'-11" | X | - | BARRIER WALL-HORIZ,, BOTTOM |
| C533 | X | - | 3 | 11'-0" | X | - | BARRIER WALL-VERT, |
| C534 | X | - | 3 | 10'-4" | X | - | BARRIER WALL-VERT, |
| ⚠ C535 | X | - | 7 | 10'-7" | X | X | BARRIER WALL-VERT, |
| | | | | | | | |
| C837 | X | - | 8 | 23'-5" | X | - | PIER CAP-HORIZ,, TOP |
| C1038 | X | 8 | - | 21'-0" | - | - | PIER CAP-HORIZ,, BOTTOM |
| C1039 | X | - | 8 | 19'-5" | - | - | PIER CAP-HORIZ,, BOTTOM |
| C540 | X | - | 8 | 18'-9" | - | - | PIER CAP-HORIZ,, EACH FACE |

⚠ LENGTH SHOWN FOR BAR IS AN AVERAGE LENGTH AND SHOULD ONLY BE USED FOR BAR WEIGHT CALCULATIONS, SEE BAR SERIES TABLE FOR ACTUAL LENGTHS.




## BAR SERIES TABLE

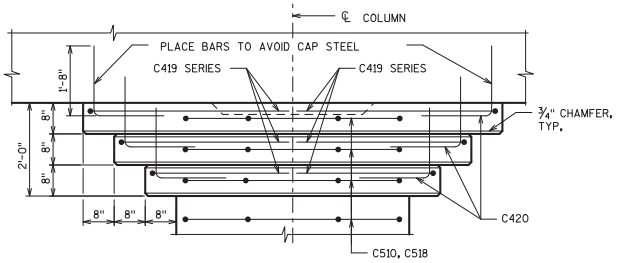
| BAR MARK | NO. REQ'D | "L" | LENGTH |
|---|---|---|---|
| C419 | 8 SERIES OF 3 | 1'-8" TO 3'-0" | 7'-3" TO 9'-11" |

BUNDLE AND TAG EACH SERIES SEPARATELY

## BAR SERIES TABLE

| BAR MARK | NO. REQ'D | E | F | LENGTH |
|---|---|---|---|---|
| C535 | 1 SERIES OF 7 | 4'-0" TO 4'-4" | 2'-7" | 10'-4" TO 11'-0" |

BUNDLE AND TAG EACH SERIES SEPARATELY




## CAPITAL DETAIL

| NO. | DATE | REVISION | BY |
|---|---|---|---|
| ⚠ 1 | 5/8/2018 | BILL OF BARS REVISED | BDT |

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

## STRUCTURE B-51-137

DRAWN BY TAL | PLANS CK'D. BDT

PIER REINFORCING DETAILS (2 OF 2)

SHEET 15 OF 32

588

WISCONSIN
BABU D. THENGANAKUNNEL
E-35905
MILWAUKEE, WI
PROFESSIONAL ENGINEER
5-9-2018

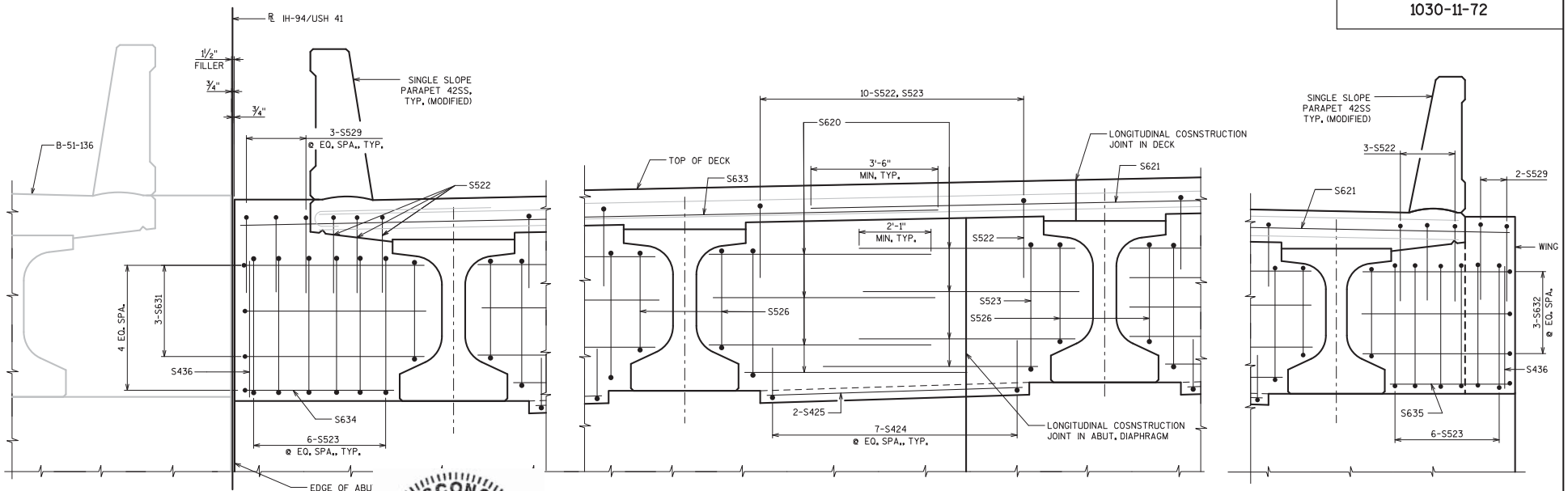
Addendum No. 01
ID 1030-11-72
Revised Sheet 588
May 16, 2018

FILE NAME: FisBM-36440 CTH K45-Truck8-51-13&8-137&Current Plans&Current plans_2018\b8-51-137\b5_137_Pier Reinf Det 2.dgn
DATE: 5/9/2018 8:24:44 AM Plotted by bthengan PEN TABLES V8_STRUCTURAL_REV.TBL

8

8

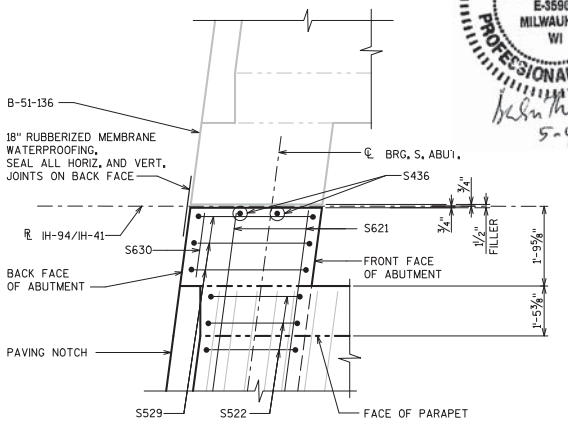
| STATE PROJECT NUMBER |
|---|
| 1030-11-72 |



## PART TRANSVERSE SECTION AT ABUTMENT DIAPHRAGM

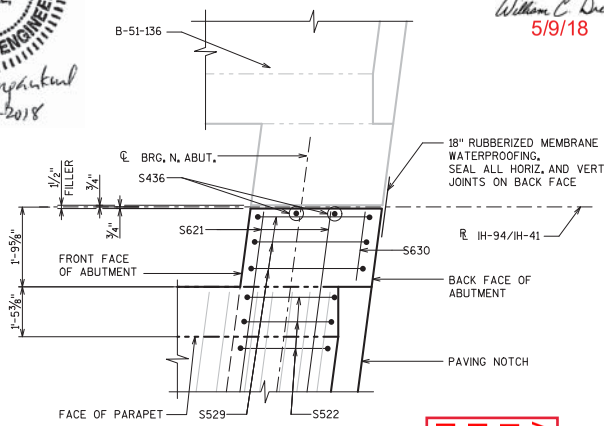
(LOOKING NORTH)

William C Duchac
5/9/18



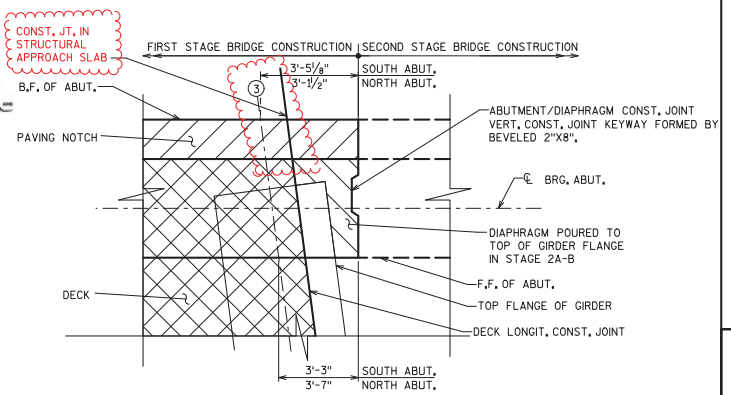

DETAIL 1

(PLAN VIEW)




DETAIL 2

(PLAN VIEW)




## ABUTMENT PLAN SHOWING CONSTRUCTION JOINT

(SOUTH ABUT. SHOWN, NORTH ABUT. OPPOSITE)

### LEGEND

Ⓧ GIRDER NUMBER

### NOTE

SEE SHEET "SUPERSTRUCTURE" FOR DETAIL 1 & DETAIL 2 LOCATIONS.

Addendum No. 01
ID 1030-11-72
Revised Sheet 596
May 16, 2018

| NO. | DATE | REVISION | BY |
|---|---|---|---|
| 1 | 5/8/2018 | CONST. JT. LOCATION REVISED | BDT |

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

## STRUCTURE B-51-137

DRAWN BY TAL | PLANS CK'D. BDT

SUPERSTRUCTURE DETAILS 1 OF 2

SHEET 23 OF 32

596

FILE NAME: FieldMx-9640 CTH K65\Truck8-51-136&-137\Current Plans\Current plans_2018\b8-51-137x23_137_SS_DETL.dgn
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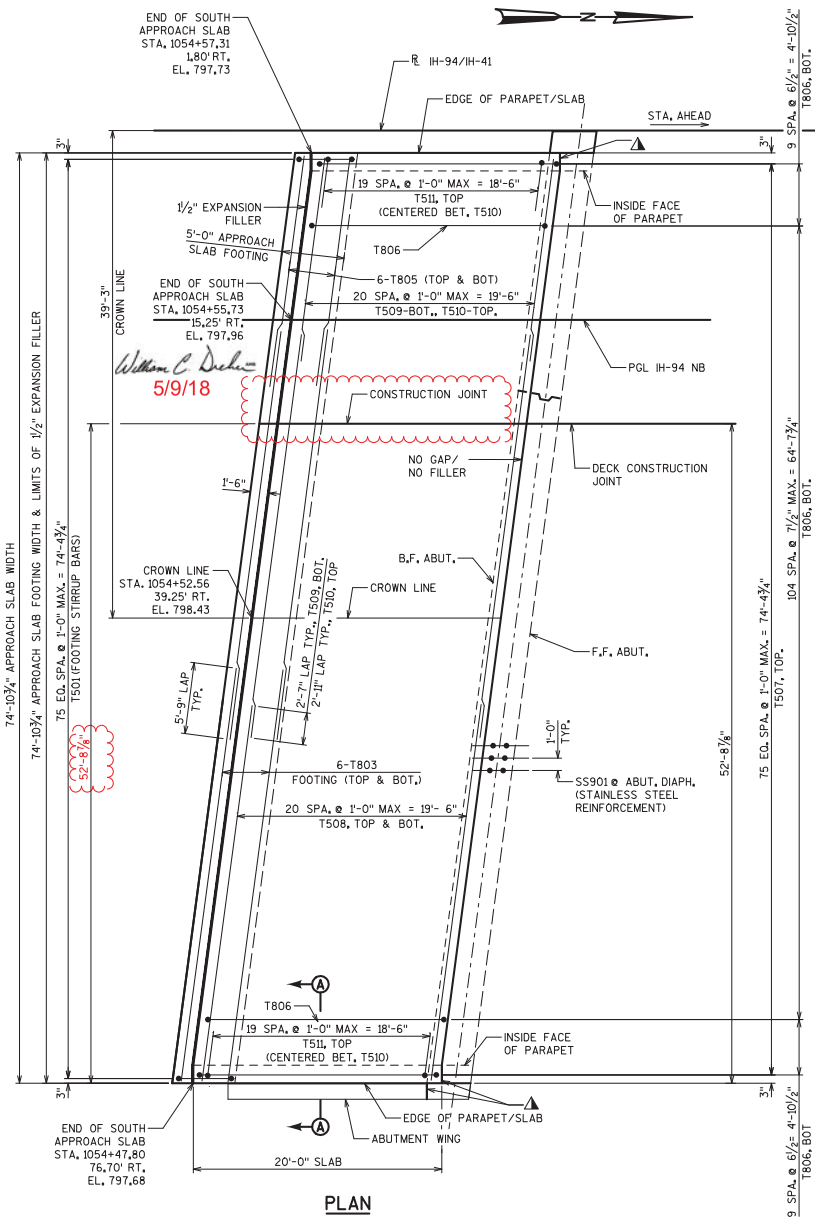
PEN TABLES: V8_STRUCTURAL_REV.TBL

8

8

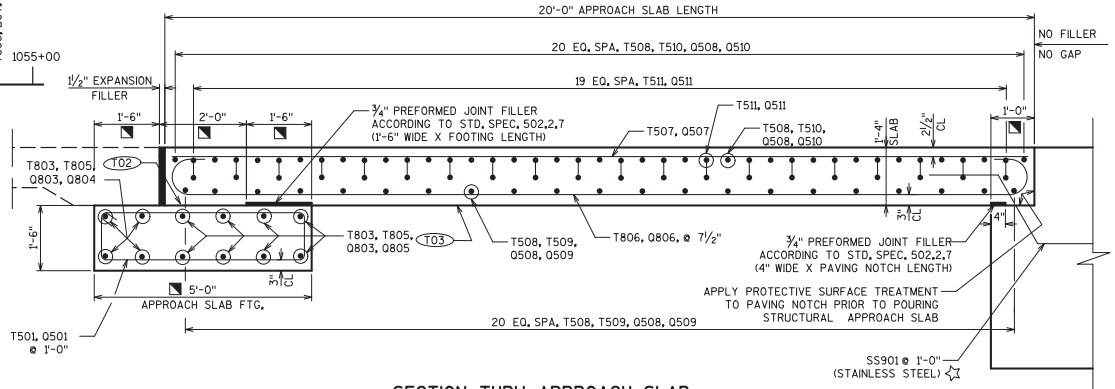
STATE PROJECT NUMBER

1030-11-72



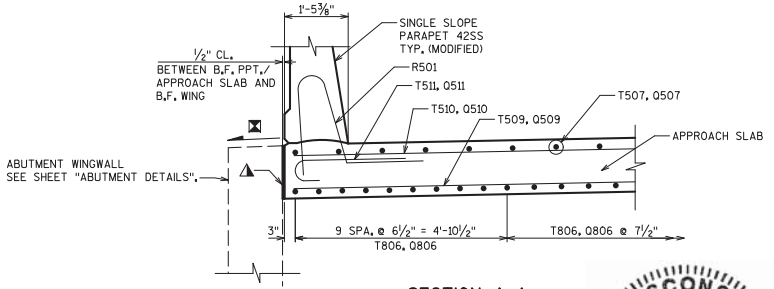

5/9/18

## PLAN




## SECTION THRU APPROACH SLAB

(TYPICAL NORTH AND SOUTH APPROACH SLAB)




## SECTION A-A

## LEGEND

- ◭ SEAL ALL EXPOSED HORIZONTAL AND VERTICAL SURFACES OF ½" FILLER WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER, (1" DEEP AND HOLD ⅛" BELOW SURFACE OF CONCRETE.)
- ◥ MEASURED NORMAL TO ABUTMENT
- ☆ THE BID ITEM FOR SS901 SHALL BE STANDARD SPECIAL PROVISION "BAR STEEL REINFORCEMENT HS STAINLESS STRUCTURES".
- (T02) STEEL TROWEL TOP SURFACE OF FOOTING AND PLACE MULTIPLE LAYERS (0.03" MIN. TOTAL THK.) OF POLYETHYLENE SHEETS OVER THE ENTIRE TOP OF FOOTING.
- (T03) PLACE MULTIPLE LAYERS (0.03" MIN. TOTAL THK.) OF POLYETHYLENE SHEETS OVER THE ENTIRE TOP OF SUBGRADE BENEATH SLAB.
- ◪ SLOPE TO DRAIN

SEE "NORTH STRUCTURAL APPROACH SLAB" FOR BILL OF BARS.

## DESIGN DATA

CONCRETE STRENGTH:
STRUCTURAL APPROACH SLAB AND PARAPET (HPC) ..... f'c= 4,000 P.S.I.
APPROACH SLAB FOOTING.....f'c= 4,000 P.S.I.
BAR STEEL REINFORCEMENT, GRADE 60, fy: 60,000 P.S.I.
ALLOWABLE SOIL BEARING PRESSURE: 2,000 P.S.F.

Addendum No. 01
ID 1030-11-72
Revised Sheet 599
May 16, 2018

WISCONSIN
BABU D. THENGANAKUNNEL
E-35905
MILWAUKEE, WI
PROFESSIONAL ENGINEER
5-9-2018

| NO. | DATE | REVISION | BY |
|---|---|---|---|
| 1 | 5/8/2018 | CONST. JT. LOCATION REVISED | BDT |

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-51-137

DRAWN BY TAL | PLANS CK'D. BDT

SOUTH STRUCTURAL APPROACH SLAB

SHEET 26 OF 32

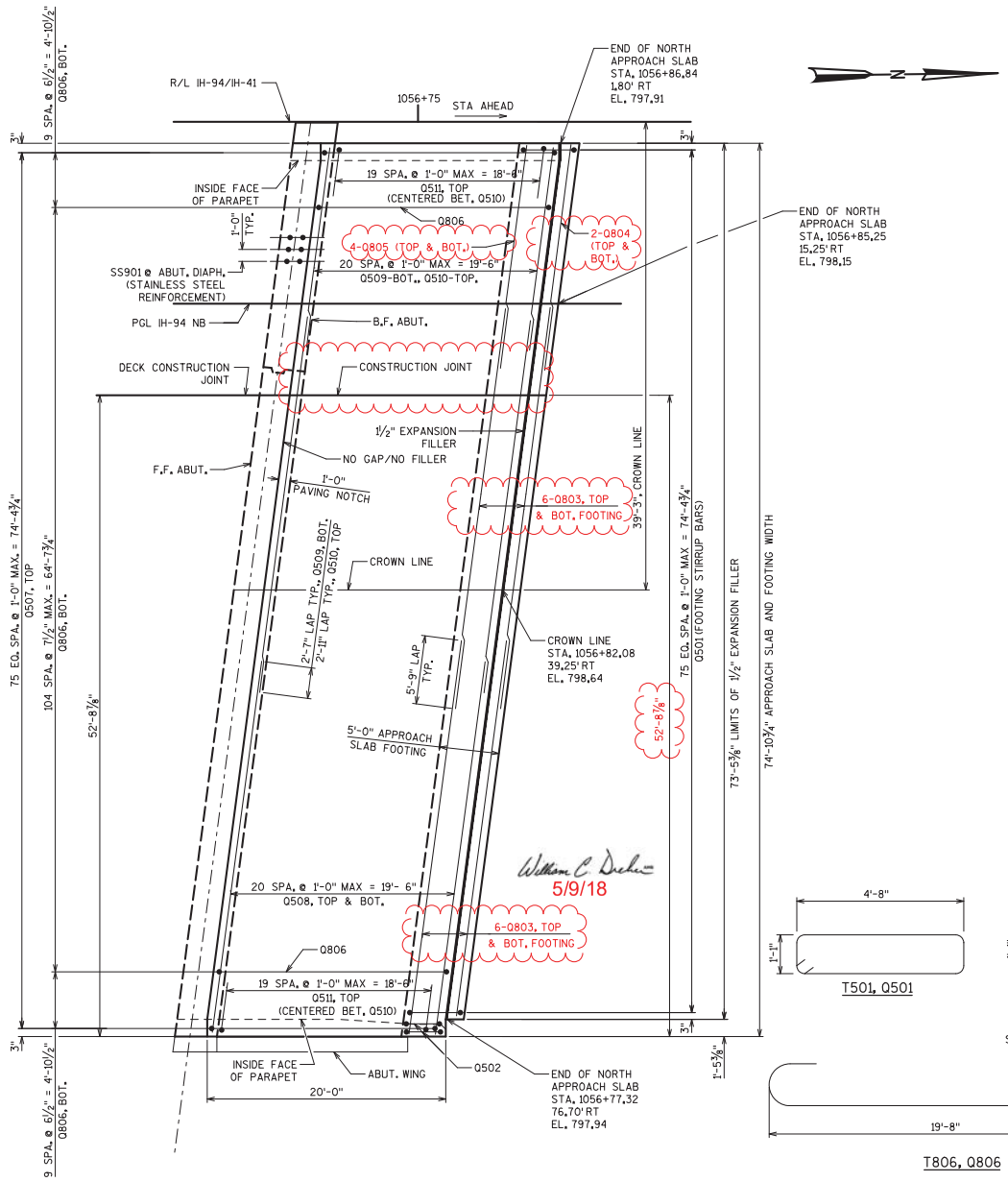
599

FILE NAME: FirstMN-36440 CTH K45\Truck48-51-13\48-137\Current Plans\Current plans_2018\48-51-13\426_137_S. Approach Slab.dgn
DATE: 5/9/2018 12:53:26 PM Plotted by: bthengan PEN TABLES: V8_STRUCTURAL_REV.TBL

8

8

| STATE PROJECT NUMBER |
|---|
| 1030-11-72 |




## BILL OF BARS

### SOUTH APPROACH SLAB

| BAR MARK | COAT | NO. STAGE 2A_B | NO. STAGE 3A_B | LENGTH | BENT | BAR SERIES | LOCATION |
|---|---|---|---|---|---|---|---|
| T501 | X | 54 | 23 | 12'-0" | X | - | APPROACH SLAB FOOTING STIRRUP |
| | | | | | | | |
| T803 | X | 24 | - | 34'-0" | - | - | APPROACH SLAB FOOTING - TRANS. |
| | | | | | | | |
| T805 | X | - | 12 | 18'-9" | - | - | APPROACH SLAB FOOTING - TRANS. |
| T806 | X | 87 | 36 | 21'-6" | X | - | APPROACH SLAB LONG. BOT. |
| T507 | X | 54 | 23 | 19'-8" | - | - | APPROACH SLAB LONG. TOP. |
| T508 | X | 84 | - | 32'-0" | - | - | APPROACH SLAB TRANS. BOT. & TOP. |
| T509 | X | - | 21 | 17'-1" | - | - | APPROACH SLAB TRANS. BOT. |
| T510 | X | - | 21 | 16'-4" | - | - | APPROACH SLAB TRANS. TOP. |
| T511 | X | 40 | - | 4'-1" | X | - | APPROACH SLAB TRANS. TOP - WING |

### NORTH APPROACH SLAB

| BAR MARK | COAT | NO. STAGE 2A_B | NO. STAGE 3A_B | LENGTH | BENT | BAR SERIES | LOCATION |
|---|---|---|---|---|---|---|---|
| Q501 | X | 54 | 23 | 12'-0" | X | - | APPROACH SLAB FOOTING STIRRUP |
| Q502 | X | 2 | 0 | 8'-10" | X | - | APPROACH SLAB FOOTING NE CORNER |
| Q803 | X | 24 | 0 | 34'-0" | - | - | APPROACH SLAB FOOTING - TRANS. |
| Q804 | X | 0 | 4 | 17'-5" | - | - | APPROACH SLAB FOOTING - TRANS. |
| Q805 | X | 0 | 8 | 18'-9" | - | - | APPROACH SLAB FOOTING - TRANS. |
| Q806 | X | 87 | 36 | 21'-6" | X | - | APPROACH SLAB LONG. BOT. |
| Q507 | X | 54 | 23 | 19'-8" | - | - | APPROACH SLAB LONG. TOP. |
| Q508 | X | 84 | 0 | 32'-0" | - | - | APPROACH SLAB TRANS. BOT. & TOP. |
| Q509 | X | 0 | 21 | 17'-1" | - | - | APPROACH SLAB TRANS. BOT. |
| Q510 | X | 0 | 21 | 16'-4" | - | - | APPROACH SLAB TRANS. TOP. |
| Q511 | X | 40 | 0 | 4'-1" | X | - | APPROACH SLAB TRANS. TOP - WING |

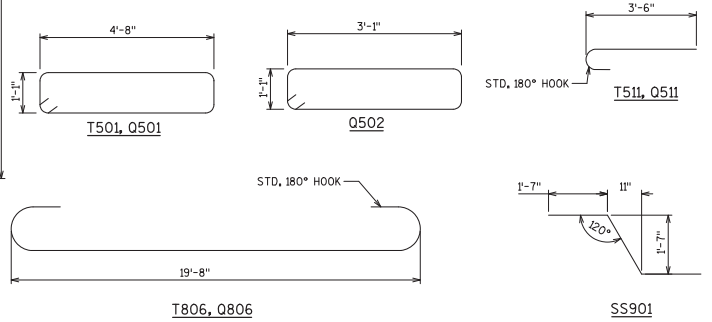
## STAINLESS STEEL BILL OF BARS

(FOR SOUTH AND NORTH APPR. SLABS)

| BAR MARK | COAT | NO. STAGE 2A_B | NO. STAGE 3A_B | LENGTH | BENT | BAR SERIES | LOCATION |
|---|---|---|---|---|---|---|---|
| SS901 | | 114 | 40 | 5'-0" | X | | APPROACH SLAB. AT PAV. NOTCH |
| | | | | | | | |

SEE SHEET " SOUTH STRUCTURAL APPROACH SLAB" FOR SECTION A-A AND LEGEND.

Addendum No. 01
ID 1030-11-72
Revised Sheet 600
May 16, 2018




## BENDING DIAGRAMS

| NO. | DATE | REVISION | BY |
|---|---|---|---|
| 1 | 5/8/2018 | CONST. JT. LOCATION REVISED | BDT |

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

## STRUCTURE B-51-137

DRAWN BY TAL | PLANS CK'D. BDT

NORTH STRUCTURAL APPROACH SLAB

SHEET 27 OF 32

600

FILE NAME: FishBMS-16440 CTH Kds1truck8-51-136&-137xCurrent Plans\Current plans_2018\b8-51-137x27_137_N Approach Slab.dgn
DATE: 5/9/2018 12:45:17 PM Plotted by bthangon PEN TABLES V8_STRUCTURAL_REV.TBL

Project ID: 1030-11-72
Division 1 - IH 94 NB

| STATION | | Distance | AREA (SF) | | | Incremental Vol (CY) (Unadjusted) | | | Cumulative Vol (CY) | | | Mass Ordinate CY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Cut | Fill | EBS | Cut | Fill | EBS | Cut | Fill | EBS | |
| 1024+00 | AH | 0 | 235 | 7 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1024+50 | | 50 | 252 | 6 | 18 | 451 | 12 | 32 | 451 | 12 | 32 | 439 |
| 1025+00 | | 50 | 260 | 5 | 18 | 474 | 10 | 33 | 924 | 22 | 65 | 902 |
| 1025+50 | | 50 | 263 | 3 | 18 | 484 | 8 | 34 | 1,409 | 30 | 99 | 1,379 |
| 1026+00 | | 50 | 272 | 0 | 19 | 495 | 3 | 35 | 1,904 | 33 | 133 | 1,871 |
| 1026+50 | | 50 | 272 | 0 | 19 | 503 | 0 | 35 | 2,407 | 33 | 168 | 2,374 |
| 1027+00 | | 50 | 268 | 1 | 19 | 500 | 0 | 35 | 2,906 | 33 | 203 | 2,873 |
| 1027+50 | | 50 | 264 | 2 | 19 | 493 | 2 | 34 | 3,399 | 36 | 238 | 3,363 |
| 1028+00 | | 50 | 268 | 1 | 19 | 493 | 3 | 35 | 3,892 | 38 | 272 | 3,854 |
| 1028+50 | | 50 | 298 | 0 | 21 | 524 | 1 | 37 | 4,416 | 39 | 309 | 4,377 |
| 1029+00 | | 50 | 279 | 0 | 20 | 534 | 0 | 37 | 4,950 | 39 | 346 | 4,911 |
| 1029+50 | | 50 | 300 | 0 | 21 | 536 | 0 | 38 | 5,486 | 39 | 384 | 5,446 |
| 1030+00 | | 50 | 313 | 0 | 22 | 568 | 0 | 40 | 6,053 | 39 | 424 | 6,014 |
| 1030+50 | | 50 | 277 | 0 | 19 | 546 | 0 | 38 | 6,599 | 39 | 462 | 6,560 |
| 1031+00 | | 50 | 253 | 0 | 18 | 491 | 0 | 34 | 7,090 | 39 | 496 | 7,051 |
| 1031+50 | | 50 | 205 | 0 | 14 | 424 | 0 | 30 | 7,514 | 39 | 526 | 7,475 |
| 1032+00 | | 50 | 170 | 3 | 12 | 347 | 3 | 24 | 7,861 | 42 | 550 | 7,819 |
| 1032+50 | | 50 | 174 | 0 | 12 | 319 | 3 | 22 | 8,180 | 45 | 573 | 8,135 |
| 1033+00 | | 50 | 164 | 0 | 11 | 313 | 0 | 22 | 8,493 | 45 | 595 | 8,448 |
| 1033+50 | | 50 | 168 | 0 | 12 | 307 | 0 | 21 | 8,800 | 45 | 616 | 8,754 |
| 1034+00 | | 50 | 170 | 0 | 12 | 313 | 0 | 22 | 9,113 | 45 | 638 | 9,067 |
| 1034+50 | | 50 | 154 | 0 | 11 | 300 | 0 | 21 | 9,413 | 45 | 659 | 9,367 |
| 1035+00 | | 50 | 151 | 0 | 11 | 282 | 0 | 20 | 9,695 | 45 | 679 | 9,649 |
| 1035+50 | | 50 | 126 | 0 | 9 | 257 | 0 | 18 | 9,952 | 45 | 697 | 9,906 |
| 1036+00 | | 50 | 110 | 0 | 8 | 219 | 0 | 15 | 10,171 | 46 | 712 | 10,125 |
| 1036+50 | | 50 | 92 | 4 | 6 | 187 | 4 | 13 | 10,358 | 50 | 725 | 10,308 |
| 1037+00 | | 50 | 79 | 7 | 6 | 159 | 10 | 11 | 10,517 | 60 | 736 | 10,456 |
| 1037+50 | | 50 | 71 | 13 | 5 | 138 | 19 | 10 | 10,655 | 79 | 746 | 10,576 |
| 1038+00 | | 50 | 66 | 19 | 5 | 127 | 29 | 9 | 10,782 | 108 | 755 | 10,674 |
| 1038+50 | | 50 | 61 | 38 | 4 | 118 | 52 | 8 | 10,900 | 160 | 763 | 10,739 |
| 1039+00 | | 50 | 54 | 35 | 4 | 107 | 67 | 7 | 11,006 | 228 | 770 | 10,779 |
| 1039+50 | | 50 | 119 | 24 | 8 | 160 | 54 | 11 | 11,167 | 282 | 782 | 10,885 |
| 1040+00 | | 50 | 227 | 111 | 16 | 321 | 125 | 22 | 11,487 | 407 | 804 | 11,081 |
| 1040+50 | | 50 | 370 | 26 | 26 | 554 | 127 | 39 | 12,041 | 533 | 843 | 11,507 |
| 1041+00 | | 50 | 245 | 34 | 17 | 569 | 56 | 40 | 12,610 | 589 | 883 | 12,021 |
| 1041+50 | | 50 | 42 | 23 | 3 | 265 | 53 | 19 | 12,876 | 643 | 901 | 12,233 |
| 1042+00 | | 50 | 40 | 11 | 3 | 76 | 32 | 5 | 12,952 | 675 | 907 | 12,277 |
| 1042+50 | | 50 | 39 | 4 | 3 | 73 | 15 | 5 | 13,025 | 690 | 912 | 12,336 |
| 1043+00 | | 50 | 47 | 1 | 3 | 80 | 5 | 6 | 13,105 | 695 | 917 | 12,410 |
| 1043+50 | | 50 | 50 | 9 | 3 | 90 | 10 | 6 | 13,195 | 705 | 924 | 12,490 |
| 1044+00 | | 50 | 29 | 12 | 2 | 73 | 20 | 5 | 13,267 | 724 | 929 | 12,543 |
| 1044+50 | | 50 | 25 | 16 | 2 | 50 | 26 | 3 | 13,317 | 750 | 932 | 12,567 |
| 1045+00 | | 50 | 19 | 1 | 1 | 41 | 16 | 3 | 13,358 | 766 | 935 | 12,591 |
| 1045+50 | | 50 | 14 | 5 | 1 | 30 | 6 | 2 | 13,388 | 772 | 937 | 12,616 |
| 1046+00 | | 50 | 13 | 12 | 1 | 25 | 16 | 2 | 13,413 | 788 | 939 | 12,625 |
| 1046+50 | | 50 | 8 | 34 | 1 | 20 | 43 | 1 | 13,433 | 830 | 940 | 12,603 |
| 1047+00 | | 50 | 6 | 61 | 0 | 13 | 88 | 1 | 13,446 | 918 | 941 | 12,528 |
| 1047+50 | | 50 | 0 | 113 | 0 | 5 | 161 | 0 | 13,452 | 1,079 | 942 | 12,373 |
| 1048+00 | | 50 | 0 | 165 | 0 | 0 | 258 | 0 | 13,452 | 1,337 | 942 | 12,115 |
| 1048+50 | | 50 | 0 | 206 | 0 | 0 | 344 | 0 | 13,452 | 1,680 | 942 | 11,772 |
| 1049+00 | | 50 | 0 | 241 | 0 | 0 | 414 | 0 | 13,453 | 2,094 | 942 | 11,358 |
| 1049+50 | | 50 | 0 | 273 | 0 | 0 | 476 | 0 | 13,453 | 2,570 | 942 | 10,882 |

Addendum No. 01
ID 1030-11-72
Revised Sheet 616
May 16, 2018

9

9

Project ID: 1030-11-72
Division 1 - IH 94 NB

| STATION | | Distance | AREA (SF) | | | Incremental Vol (CY) (Unadjusted) | | | Cumulative Vol (CY) | | | Mass Ordinate CY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Cut | Fill | EBS | Cut | Fill | EBS | Cut | Fill | EBS | |
| 1050+00 | | 50 | 1 | 294 | 0 | 1 | 525 | 0 | 13,454 | 3,095 | 942 | 10,358 |
| 1050+50 | | 50 | 3 | 324 | 0 | 4 | 572 | 0 | 13,457 | 3,668 | 942 | 9,789 |
| 1051+00 | | 50 | 7 | 357 | 0 | 9 | 630 | 1 | 13,466 | 4,298 | 943 | 9,168 |
| 1051+50 | | 50 | 8 | 404 | 1 | 14 | 704 | 1 | 13,480 | 5,002 | 944 | 8,478 |
| 1052+00 | | 50 | 8 | 446 | 1 | 15 | 787 | 1 | 13,495 | 5,789 | 945 | 7,706 |
| 1052+50 | | 50 | 8 | 478 | 1 | 14 | 856 | 1 | 13,510 | 6,645 | 946 | 6,865 |
| 1053+00 | | 50 | 8 | 480 | 1 | 15 | 887 | 1 | 13,524 | 7,532 | 947 | 5,992 |
| 1053+50 | | 50 | 3 | 540 | 0 | 10 | 945 | 1 | 13,535 | 8,477 | 947 | 5,058 |
| 1054+00 | | 50 | 2 | 609 | 0 | 5 | 1,064 | 0 | 13,540 | 9,541 | 948 | 3,999 |
| 1054+50 | | 50 | 2 | 688 | 0 | 4 | 1,201 | 0 | 13,544 | 10,742 | 948 | 2,802 |
| 1055+00 | BK | 50 | 0 | 0 | 0 | 1 | 637 | 0 | 13,545 | 11,379 | 948 | 2,166 |
| TOTALS | | | | | | 13,545 | 11,379 | 948 | | | | |

Project ID: 1030-11-72
Division 1 - IH 94 NB

| STATION | | Distance | AREA (SF) | | | Incremental Vol (CY) (Unadjusted) | | | Cumulative Vol (CY) | | | Mass Ordinate CY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Cut | Fill | EBS | Cut | Fill | EBS | Cut | Fill | EBS | |
| 1056+50 | AH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1057+00 | | 50 | 0 | 776 | 0 | 0 | 718 | 0 | 0 | 718 | 0 | -718 |
| 1057+50 | | 50 | 0 | 696 | 0 | 0 | 1,363 | 0 | 0 | 2,081 | 0 | -2,081 |
| 1058+00 | | 50 | 0 | 660 | 0 | 0 | 1,256 | 0 | 0 | 3,337 | 0 | -3,337 |
| 1058+50 | | 50 | 0 | 665 | 0 | 0 | 1,228 | 0 | 0 | 4,565 | 0 | -4,565 |
| 1059+00 | | 50 | 0 | 680 | 0 | 0 | 1,245 | 0 | 0 | 5,810 | 0 | -5,810 |
| 1059+50 | | 50 | 0 | 708 | 0 | 0 | 1,285 | 0 | 0 | 7,095 | 0 | -7,095 |
| 1060+00 | | 50 | 0 | 716 | 0 | 0 | 1,318 | 0 | 0 | 8,414 | 0 | -8,414 |
| 1060+50 | | 50 | 0 | 704 | 0 | 0 | 1,314 | 0 | 0 | 9,728 | 0 | -9,728 |
| 1061+00 | | 50 | 0 | 710 | 0 | 0 | 1,309 | 0 | 0 | 11,037 | 0 | -11,037 |
| 1061+50 | | 50 | 0 | 710 | 0 | 0 | 1,315 | 0 | 0 | 12,352 | 0 | -12,352 |
| 1062+00 | | 50 | 0 | 690 | 0 | 0 | 1,295 | 0 | 0 | 13,647 | 0 | -13,647 |
| 1062+50 | | 50 | 0 | 685 | 0 | 0 | 1,273 | 0 | 0 | 14,920 | 0 | -14,920 |
| 1063+00 | | 50 | 0 | 650 | 0 | 0 | 1,237 | 0 | 0 | 16,157 | 0 | -16,157 |
| 1063+50 | | 50 | 0 | 614 | 0 | 0 | 1,170 | 0 | 0 | 17,327 | 0 | -17,327 |
| 1064+00 | | 50 | 0 | 568 | 0 | 0 | 1,094 | 0 | 0 | 18,422 | 0 | -18,422 |
| 1064+50 | | 50 | 0 | 506 | 0 | 0 | 994 | 0 | 0 | 19,416 | 0 | -19,416 |
| 1065+00 | | 50 | 0 | 442 | 0 | 0 | 878 | 0 | 0 | 20,293 | 0 | -20,293 |
| 1065+50 | | 50 | 0 | 389 | 0 | 0 | 769 | 0 | 0 | 21,062 | 0 | -21,062 |
| 1066+00 | | 50 | 0 | 291 | 0 | 0 | 629 | 0 | 0 | 21,691 | 0 | -21,691 |
| 1066+50 | | 50 | 0 | 198 | 0 | 0 | 453 | 0 | 0 | 22,144 | 0 | -22,144 |
| 1067+00 | | 50 | 0 | 132 | 0 | 0 | 306 | 0 | 0 | 22,451 | 0 | -22,451 |
| 1067+50 | | 50 | 0 | 95 | 0 | 0 | 211 | 0 | 0 | 22,661 | 0 | -22,661 |
| 1068+00 | | 50 | 0 | 63 | 0 | 0 | 146 | 0 | 0 | 22,808 | 0 | -22,808 |
| 1068+50 | | 50 | 0 | 41 | 0 | 0 | 96 | 0 | 0 | 22,903 | 0 | -22,903 |
| 1069+00 | | 50 | 0 | 27 | 0 | 0 | 63 | 0 | 0 | 22,966 | 0 | -22,966 |
| 1069+50 | | 50 | 0 | 18 | 0 | 1 | 42 | 0 | 1 | 23,008 | 0 | -23,007 |

Addendum No. 01
ID 1030-11-72
Revised Sheet 617
May 16, 2018

9

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Project ID: 1030-11-72
Division 3 - IH 94 NB

| STATION | | Distance | AREA (SF) | | | Incremental Vol (CY) (Unadjusted) | | | Cumulative Vol (CY) | | | Mass Ordinate CY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Cut | Fill | EBS | Cut | Fill | EBS | Cut | Fill | EBS | |
| 1024+00 | AH | 0 | 119 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1024+50 | | 50 | 122 | 0 | 9 | 223 | 0 | 16 | 223 | 0 | 16 | 223 |
| 1025+00 | | 50 | 130 | 0 | 9 | 234 | 0 | 16 | 457 | 0 | 32 | 457 |
| 1025+50 | | 50 | 132 | 0 | 9 | 243 | 0 | 17 | 699 | 0 | 49 | 699 |
| 1026+00 | | 50 | 132 | 0 | 9 | 245 | 0 | 17 | 944 | 0 | 66 | 944 |
| 1026+50 | | 50 | 134 | 0 | 9 | 246 | 0 | 17 | 1,190 | 0 | 83 | 1,190 |
| 1027+00 | | 50 | 133 | 0 | 9 | 247 | 0 | 17 | 1,436 | 0 | 101 | 1,436 |
| 1027+50 | | 50 | 125 | 0 | 9 | 239 | 0 | 17 | 1,675 | 0 | 117 | 1,675 |
| 1028+00 | | 50 | 123 | 0 | 9 | 230 | 0 | 16 | 1,905 | 0 | 133 | 1,905 |
| 1028+50 | | 50 | 125 | 0 | 9 | 230 | 0 | 16 | 2,135 | 0 | 149 | 2,135 |
| 1029+00 | | 50 | 121 | 0 | 8 | 228 | 0 | 16 | 2,363 | 0 | 165 | 2,363 |
| 1029+50 | | 50 | 119 | 0 | 8 | 222 | 0 | 16 | 2,585 | 0 | 181 | 2,585 |
| 1030+00 | | 50 | 115 | 0 | 8 | 216 | 0 | 15 | 2,801 | 0 | 196 | 2,801 |
| 1030+50 | | 50 | 110 | 0 | 8 | 208 | 0 | 15 | 3,009 | 0 | 211 | 3,009 |
| 1031+00 | | 50 | 105 | 0 | 7 | 199 | 0 | 14 | 3,209 | 0 | 225 | 3,209 |
| 1031+50 | | 50 | 101 | 0 | 7 | 191 | 0 | 13 | 3,399 | 0 | 238 | 3,399 |
| 1032+00 | | 50 | 96 | 0 | 7 | 182 | 0 | 13 | 3,581 | 0 | 251 | 3,581 |
| 1032+50 | | 50 | 91 | 0 | 6 | 173 | 0 | 12 | 3,754 | 0 | 263 | 3,754 |
| 1033+00 | | 50 | 82 | 0 | 6 | 160 | 0 | 11 | 3,915 | 0 | 274 | 3,915 |
| 1033+50 | | 50 | 77 | 0 | 5 | 147 | 0 | 10 | 4,061 | 0 | 284 | 4,061 |
| 1034+00 | | 50 | 70 | 0 | 5 | 136 | 0 | 9 | 4,197 | 0 | 294 | 4,197 |
| 1034+50 | | 50 | 67 | 0 | 5 | 127 | 0 | 9 | 4,323 | 0 | 303 | 4,323 |
| 1035+00 | | 50 | 71 | 0 | 5 | 128 | 0 | 9 | 4,451 | 0 | 312 | 4,451 |
| 1035+50 | | 50 | 64 | 0 | 5 | 126 | 0 | 9 | 4,577 | 0 | 320 | 4,577 |
| 1036+00 | | 50 | 58 | 0 | 4 | 114 | 0 | 8 | 4,690 | 0 | 328 | 4,690 |
| 1036+50 | | 50 | 51 | 0 | 4 | 101 | 0 | 7 | 4,792 | 0 | 335 | 4,792 |
| 1037+00 | | 50 | 49 | 0 | 3 | 93 | 0 | 6 | 4,884 | 0 | 342 | 4,884 |
| 1037+50 | | 50 | 47 | 0 | 3 | 89 | 0 | 6 | 4,973 | 0 | 348 | 4,973 |
| 1038+00 | | 50 | 46 | 0 | 3 | 86 | 0 | 6 | 5,059 | 0 | 354 | 5,059 |
| 1038+50 | | 50 | 43 | 0 | 3 | 82 | 0 | 6 | 5,141 | 0 | 360 | 5,141 |
| 1039+00 | | 50 | 35 | 0 | 2 | 72 | 0 | 5 | 5,212 | 0 | 365 | 5,212 |
| 1039+50 | | 50 | 22 | 0 | 2 | 52 | 0 | 4 | 5,265 | 0 | 369 | 5,265 |
| 1040+00 | | 50 | 19 | 2 | 1 | 38 | 2 | 3 | 5,303 | 2 | 371 | 5,301 |
| 1040+50 | | 50 | 18 | 2 | 1 | 35 | 3 | 2 | 5,338 | 5 | 374 | 5,333 |
| 1041+00 | | 50 | 18 | 2 | 1 | 33 | 3 | 2 | 5,372 | 9 | 376 | 5,363 |
| 1041+50 | | 50 | 26 | 2 | 2 | 41 | 3 | 3 | 5,412 | 12 | 379 | 5,400 |
| 1042+00 | | 50 | 22 | 1 | 2 | 45 | 3 | 3 | 5,457 | 15 | 382 | 5,442 |
| 1042+50 | | 50 | 21 | 1 | 1 | 40 | 2 | 3 | 5,498 | 16 | 385 | 5,481 |
| 1043+00 | | 50 | 22 | 0 | 2 | 40 | 1 | 3 | 5,538 | 17 | 388 | 5,520 |
| 1043+50 | | 50 | 19 | 1 | 1 | 38 | 1 | 3 | 5,575 | 18 | 390 | 5,557 |
| 1044+00 | | 50 | 30 | 2 | 2 | 46 | 3 | 3 | 5,621 | 21 | 393 | 5,600 |
| 1044+50 | | 50 | 28 | 3 | 2 | 54 | 4 | 4 | 5,675 | 26 | 397 | 5,649 |
| 1045+00 | | 50 | 20 | 0 | 1 | 44 | 3 | 3 | 5,719 | 28 | 400 | 5,691 |
| 1045+50 | | 50 | 16 | 1 | 1 | 34 | 1 | 2 | 5,753 | 29 | 403 | 5,724 |
| 1046+00 | | 50 | 13 | 1 | 1 | 27 | 2 | 2 | 5,780 | 31 | 405 | 5,749 |
| 1046+50 | | 50 | 10 | 2 | 1 | 21 | 3 | 2 | 5,802 | 34 | 406 | 5,767 |
| 1047+00 | | 50 | 7 | 3 | 0 | 16 | 5 | 1 | 5,817 | 39 | 407 | 5,778 |
| 1047+50 | | 50 | 0 | 4 | 0 | 7 | 7 | 0 | 5,824 | 46 | 408 | 5,778 |
| 1048+00 | | 50 | 0 | 5 | 0 | 0 | 9 | 0 | 5,824 | 55 | 408 | 5,769 |
| 1048+50 | | 50 | 0 | 5 | 0 | 0 | 9 | 0 | 5,825 | 65 | 408 | 5,760 |
| 1049+00 | | 50 | 0 | 5 | 0 | 1 | 10 | 0 | 5,825 | 74 | 408 | 5,751 |
| 1049+50 | | 50 | 0 | 6 | 0 | 1 | 10 | 0 | 5,826 | 85 | 408 | 5,741 |

Addendum No. 01
ID 1030-11-72
Revised Sheet 621
May 16, 2018

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Project ID: 1030-11-72
Division 3 - IH 94 NB

| STATION | | Distance | AREA (SF) | | | Incremental Vol (CY) (Unadjusted) | | | Cumulative Vol (CY) | | | Mass Ordinate CY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Cut | Fill | EBS | Cut | Fill | EBS | Cut | Fill | EBS | |
| 1050+00 | | 50 | 1 | 6 | 0 | 1 | 11 | 0 | 5,827 | 95 | 408 | 5,732 |
| 1050+50 | | 50 | 3 | 5 | 0 | 4 | 10 | 0 | 5,831 | 105 | 408 | 5,725 |
| 1051+00 | | 50 | 6 | 5 | 0 | 8 | 10 | 1 | 5,839 | 115 | 409 | 5,724 |
| 1051+50 | | 50 | 8 | 5 | 1 | 12 | 9 | 1 | 5,851 | 124 | 410 | 5,727 |
| 1052+00 | | 50 | 11 | 4 | 1 | 17 | 9 | 1 | 5,868 | 133 | 411 | 5,735 |
| 1052+50 | | 50 | 15 | 4 | 1 | 24 | 8 | 2 | 5,893 | 141 | 412 | 5,752 |
| 1053+00 | | 50 | 16 | 4 | 1 | 29 | 7 | 2 | 5,922 | 148 | 415 | 5,773 |
| 1053+50 | | 50 | 7 | 5 | 0 | 21 | 8 | 1 | 5,942 | 156 | 416 | 5,786 |
| 1054+00 | | 50 | 5 | 5 | 0 | 11 | 9 | 1 | 5,953 | 166 | 417 | 5,787 |
| 1054+50 | | 50 | 3 | 5 | 0 | 7 | 10 | 0 | 5,960 | 175 | 417 | 5,785 |
| 1055+00 | BK | 50 | 0 | 0 | 0 | 3 | 5 | 0 | 5,963 | 180 | 417 | 5,783 |
| TOTALS | | | | | | 5,963 | 180 | 417 | | | | |

Project ID: 1030-11-72
Division 3 - IH 94 NB

| STATION | | Distance | AREA (SF) | | | Incremental Vol (CY) (Unadjusted) | | | Cumulative Vol (CY) | | | Mass Ordinate CY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Cut | Fill | EBS | Cut | Fill | EBS | Cut | Fill | EBS | |
| 1056+50 | AH | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1057+00 | | 50 | 0 | 6 | 0 | 0 | 11 | 0 | 0 | 11 | 0 | -11 |
| 1057+50 | | 50 | 0 | 11 | 0 | 0 | 16 | 0 | 1 | 27 | 0 | -26 |
| 1058+00 | | 50 | 0 | 16 | 0 | 0 | 25 | 0 | 1 | 52 | 0 | -51 |
| 1058+50 | | 50 | 0 | 24 | 0 | 0 | 36 | 0 | 1 | 88 | 0 | -87 |
| 1059+00 | | 50 | 0 | 36 | 0 | 0 | 55 | 0 | 1 | 143 | 0 | -143 |
| 1059+50 | | 50 | 0 | 50 | 0 | 0 | 79 | 0 | 1 | 223 | 0 | -222 |
| 1060+00 | | 50 | 0 | 57 | 0 | 0 | 99 | 0 | 1 | 321 | 0 | -321 |
| 1060+50 | | 50 | 0 | 61 | 0 | 0 | 109 | 0 | 1 | 431 | 0 | -430 |
| 1061+00 | | 50 | 0 | 64 | 0 | 0 | 116 | 0 | 1 | 546 | 0 | -546 |
| 1061+50 | | 50 | 0 | 70 | 0 | 0 | 124 | 0 | 1 | 670 | 0 | -670 |
| 1062+00 | | 50 | 0 | 75 | 0 | 0 | 134 | 0 | 1 | 804 | 0 | -804 |
| 1062+50 | | 50 | 0 | 76 | 0 | 0 | 140 | 0 | 1 | 945 | 0 | -944 |
| 1063+00 | | 50 | 0 | 77 | 0 | 0 | 142 | 0 | 1 | 1,086 | 0 | -1,086 |
| 1063+50 | | 50 | 0 | 76 | 0 | 0 | 141 | 0 | 1 | 1,227 | 0 | -1,226 |
| 1064+00 | | 50 | 0 | 76 | 0 | 0 | 140 | 0 | 1 | 1,368 | 0 | -1,367 |
| 1064+50 | | 50 | 0 | 73 | 0 | 0 | 138 | 0 | 1 | 1,505 | 0 | -1,505 |
| 1065+00 | | 50 | 0 | 67 | 0 | 0 | 130 | 0 | 1 | 1,635 | 0 | -1,634 |
| 1065+50 | | 50 | 0 | 64 | 0 | 0 | 122 | 0 | 1 | 1,756 | 0 | -1,756 |
| 1066+00 | | 50 | 0 | 56 | 0 | 0 | 112 | 0 | 1 | 1,868 | 0 | -1,868 |
| 1066+50 | | 50 | 0 | 50 | 0 | 0 | 98 | 0 | 1 | 1,966 | 0 | -1,966 |
| 1067+00 | | 50 | 0 | 42 | 0 | 0 | 85 | 0 | 1 | 2,051 | 0 | -2,050 |
| 1067+50 | | 50 | 0 | 35 | 0 | 0 | 70 | 0 | 1 | 2,121 | 0 | -2,121 |
| 1068+00 | | 50 | 0 | 29 | 0 | 0 | 58 | 0 | 1 | 2,180 | 0 | -2,179 |
| 1068+50 | | 50 | 0 | 20 | 0 | 0 | 45 | 0 | 1 | 2,225 | 0 | -2,224 |
| 1069+00 | | 50 | 0 | 15 | 0 | 0 | 32 | 0 | 1 | 2,257 | 0 | -2,256 |
| 1069+50 | | 50 | 0 | 11 | 0 | 0 | 24 | 0 | 1 | 2,280 | 0 | -2,280 |

Addendum No. 01
ID 1030-11-72
Revised Sheet 622
May 16, 2018

Project ID: 1030-11-72
Division 4 - IH 94 SB

| STATION | | Distance | AREA (SF) | | | Incremental Vol (CY) (Unadjusted) | | | Cumulative Vol (CY) | | | Mass Ordinate CY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Cut | Fill | EBS | Cut | Fill | EBS | Cut | Fill | EBS | |
| 1024+00 | AH | 0 | 245 | 50 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1024+50 | | 50 | 257 | 47 | 18 | 465 | 90 | 33 | 465 | 90 | 33 | 374 |
| 1025+00 | | 50 | 266 | 45 | 19 | 484 | 85 | 34 | 949 | 176 | 66 | 773 |
| 1025+50 | | 50 | 271 | 46 | 19 | 497 | 84 | 35 | 1,446 | 260 | 101 | 1,186 |
| 1026+00 | | 50 | 275 | 39 | 19 | 506 | 78 | 35 | 1,952 | 339 | 137 | 1,613 |
| 1026+50 | | 50 | 279 | 28 | 20 | 514 | 62 | 36 | 2,465 | 400 | 173 | 2,065 |
| 1027+00 | | 50 | 283 | 35 | 20 | 520 | 58 | 36 | 2,986 | 459 | 209 | 2,527 |
| 1027+50 | | 50 | 277 | 0 | 19 | 518 | 32 | 36 | 3,504 | 491 | 245 | 3,013 |
| 1028+00 | | 50 | 258 | 40 | 18 | 495 | 37 | 35 | 3,999 | 528 | 280 | 3,471 |
| 1028+50 | | 50 | 253 | 38 | 18 | 473 | 72 | 33 | 4,472 | 600 | 313 | 3,872 |
| 1029+00 | | 50 | 244 | 39 | 17 | 461 | 71 | 32 | 4,933 | 671 | 345 | 4,262 |
| 1029+50 | | 50 | 236 | 33 | 17 | 445 | 67 | 31 | 5,377 | 738 | 376 | 4,639 |
| 1030+00 | | 50 | 229 | 31 | 16 | 430 | 59 | 30 | 5,807 | 797 | 407 | 5,010 |
| 1030+50 | | 50 | 226 | 44 | 16 | 421 | 69 | 29 | 6,228 | 866 | 436 | 5,362 |
| 1031+00 | | 50 | 208 | 36 | 15 | 401 | 74 | 28 | 6,629 | 940 | 464 | 5,689 |
| 1031+50 | | 50 | 200 | 42 | 14 | 378 | 72 | 26 | 7,007 | 1,013 | 490 | 5,994 |
| 1032+00 | | 50 | 194 | 57 | 14 | 365 | 92 | 26 | 7,371 | 1,105 | 516 | 6,266 |
| 1032+50 | | 50 | 185 | 54 | 13 | 350 | 103 | 25 | 7,722 | 1,208 | 541 | 6,514 |
| 1033+00 | | 50 | 184 | 38 | 13 | 342 | 85 | 24 | 8,063 | 1,293 | 564 | 6,770 |
| 1033+50 | | 50 | 169 | 36 | 12 | 327 | 69 | 23 | 8,390 | 1,362 | 587 | 7,028 |
| 1034+00 | | 50 | 161 | 37 | 11 | 306 | 68 | 21 | 8,696 | 1,430 | 609 | 7,266 |
| 1034+50 | | 50 | 143 | 37 | 10 | 282 | 69 | 20 | 8,978 | 1,498 | 628 | 7,479 |
| 1035+00 | | 50 | 121 | 45 | 8 | 245 | 76 | 17 | 9,222 | 1,574 | 646 | 7,648 |
| 1035+50 | | 50 | 109 | 54 | 8 | 213 | 92 | 15 | 9,435 | 1,666 | 660 | 7,769 |
| 1036+00 | | 50 | 103 | 62 | 7 | 196 | 107 | 14 | 9,631 | 1,773 | 674 | 7,858 |
| 1036+50 | | 50 | 94 | 43 | 7 | 182 | 97 | 13 | 9,813 | 1,870 | 687 | 7,944 |
| 1037+00 | | 50 | 131 | 9 | 9 | 208 | 48 | 15 | 10,021 | 1,917 | 701 | 8,104 |
| 1037+50 | | 50 | 225 | 11 | 16 | 330 | 18 | 23 | 10,350 | 1,935 | 725 | 8,415 |
| 1038+00 | | 50 | 369 | 12 | 26 | 550 | 21 | 39 | 10,900 | 1,956 | 763 | 8,944 |
| 1038+50 | | 50 | 568 | 20 | 40 | 867 | 29 | 61 | 11,768 | 1,985 | 824 | 9,783 |
| 1039+00 | | 50 | 448 | 37 | 31 | 941 | 53 | 66 | 12,708 | 2,038 | 890 | 10,670 |
| 1039+50 | | 50 | 443 | 50 | 31 | 825 | 81 | 58 | 13,533 | 2,119 | 947 | 11,415 |
| 1040+00 | | 50 | 413 | 56 | 29 | 793 | 98 | 55 | 14,326 | 2,217 | 1,003 | 12,109 |
| 1040+50 | | 50 | 368 | 67 | 26 | 723 | 114 | 51 | 15,050 | 2,331 | 1,053 | 12,718 |
| 1041+00 | | 50 | 324 | 85 | 23 | 640 | 141 | 45 | 15,690 | 2,472 | 1,098 | 13,218 |
| 1041+50 | | 50 | 248 | 98 | 17 | 530 | 169 | 37 | 16,219 | 2,641 | 1,135 | 13,578 |
| 1042+00 | | 50 | 232 | 107 | 16 | 445 | 189 | 31 | 16,664 | 2,830 | 1,167 | 13,834 |
| 1042+50 | | 50 | 223 | 106 | 16 | 422 | 198 | 30 | 17,086 | 3,028 | 1,196 | 14,058 |
| 1043+00 | | 50 | 281 | 111 | 20 | 467 | 201 | 33 | 17,553 | 3,229 | 1,229 | 14,324 |
| 1043+50 | | 50 | 269 | 99 | 19 | 510 | 194 | 36 | 18,063 | 3,423 | 1,264 | 14,640 |
| 1044+00 | | 50 | 46 | 2 | 3 | 292 | 93 | 20 | 18,356 | 3,516 | 1,285 | 14,840 |
| 1044+50 | | 50 | 46 | 3 | 3 | 85 | 4 | 6 | 18,441 | 3,520 | 1,291 | 14,921 |
| 1045+00 | | 50 | 43 | 5 | 3 | 82 | 8 | 6 | 18,523 | 3,528 | 1,297 | 14,995 |
| 1045+50 | | 50 | 33 | 8 | 2 | 70 | 13 | 5 | 18,593 | 3,541 | 1,302 | 15,052 |
| 1046+00 | | 50 | 26 | 11 | 2 | 55 | 18 | 4 | 18,648 | 3,559 | 1,305 | 15,090 |
| 1046+50 | | 50 | 22 | 17 | 2 | 44 | 26 | 3 | 18,693 | 3,585 | 1,309 | 15,108 |
| 1047+00 | | 50 | 13 | 33 | 1 | 32 | 47 | 2 | 18,725 | 3,632 | 1,311 | 15,094 |
| 1047+50 | | 50 | 6 | 60 | 0 | 18 | 86 | 1 | 18,743 | 3,718 | 1,312 | 15,025 |
| 1048+00 | | 50 | 6 | 78 | 0 | 11 | 128 | 1 | 18,754 | 3,846 | 1,313 | 14,907 |
| 1048+50 | | 50 | 8 | 109 | 1 | 12 | 173 | 1 | 18,766 | 4,019 | 1,314 | 14,746 |
| 1049+00 | | 50 | 17 | 155 | 1 | 23 | 244 | 2 | 18,789 | 4,264 | 1,315 | 14,525 |
| 1049+50 | | 50 | 6 | 207 | 0 | 22 | 336 | 2 | 18,811 | 4,599 | 1,317 | 14,211 |

Addendum No. 01
ID 1030-11-72
Revised Sheet 624
May 16, 2018

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Project ID: 1030-11-72
Division 4 - IH 94 SB

| STATION | | Distance | AREA (SF) | | | Incremental Vol (CY) (Unadjusted) | | | Cumulative Vol (CY) | | | Mass Ordinate CY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Cut | Fill | EBS | Cut | Fill | EBS | Cut | Fill | EBS | |
| 1050+00 | | 50 | 8 | 288 | 1 | 13 | 459 | 1 | 18,823 | 5,058 | 1,318 | 13,765 |
| 1050+50 | | 50 | 14 | 356 | 1 | 20 | 596 | 1 | 18,843 | 5,654 | 1,319 | 13,189 |
| 1051+00 | | 50 | 17 | 402 | 1 | 28 | 702 | 2 | 18,872 | 6,357 | 1,321 | 12,515 |
| 1051+50 | | 50 | 19 | 445 | 1 | 33 | 784 | 2 | 18,905 | 7,141 | 1,323 | 11,764 |
| 1052+00 | | 50 | 21 | 512 | 1 | 37 | 885 | 3 | 18,942 | 8,027 | 1,326 | 10,916 |
| 1052+50 | | 50 | 22 | 569 | 2 | 40 | 1,001 | 3 | 18,982 | 9,027 | 1,329 | 9,955 |
| 1053+00 | | 50 | 22 | 651 | 2 | 41 | 1,130 | 3 | 19,022 | 10,157 | 1,332 | 8,865 |
| 1053+50 | | 50 | 14 | 728 | 1 | 33 | 1,277 | 2 | 19,055 | 11,434 | 1,334 | 7,622 |
| 1054+00 | | 50 | 13 | 783 | 1 | 24 | 1,399 | 2 | 19,079 | 12,833 | 1,336 | 6,247 |
| 1054+50 | | 50 | 10 | 846 | 1 | 21 | 1,508 | 1 | 19,101 | 14,341 | 1,337 | 4,760 |
| 1055+00 | BK | 50 | 0 | 0 | 0 | 10 | 783 | 1 | 19,110 | 15,124 | 1,338 | 3,986 |
| TOTALS | | | | | | 19,110 | 15,124 | 1,338 | | | | |

Project ID: 1030-11-72
Division 4 - IH 94 SB

| STATION | | Distance | AREA (SF) | | | Incremental Vol (CY) (Unadjusted) | | | Cumulative Vol (CY) | | | Mass Ordinate CY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Cut | Fill | EBS | Cut | Fill | EBS | Cut | Fill | EBS | |
| 1056+50 | AH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1057+00 | | 50 | 14 | 592 | 1 | 13 | 548 | 1 | 13 | 548 | 1 | -536 |
| 1057+50 | | 50 | 13 | 619 | 1 | 25 | 1,121 | 2 | 37 | 1,670 | 3 | -1,632 |
| 1058+00 | | 50 | 6 | 872 | 0 | 18 | 1,380 | 1 | 55 | 3,050 | 4 | -2,995 |
| 1058+50 | | 50 | 6 | 911 | 0 | 12 | 1,651 | 1 | 67 | 4,701 | 5 | -4,633 |
| 1059+00 | | 50 | 6 | 1,044 | 0 | 12 | 1,811 | 1 | 79 | 6,511 | 6 | -6,432 |
| 1059+50 | | 50 | 6 | 1,050 | 0 | 12 | 1,939 | 1 | 91 | 8,451 | 6 | -8,360 |
| 1060+00 | | 50 | 6 | 991 | 0 | 12 | 1,889 | 1 | 103 | 10,340 | 7 | -10,237 |
| 1060+50 | | 50 | 6 | 960 | 0 | 12 | 1,806 | 1 | 115 | 12,146 | 8 | -12,031 |
| 1061+00 | | 50 | 6 | 978 | 0 | 12 | 1,795 | 1 | 126 | 13,941 | 9 | -13,814 |
| 1061+50 | | 50 | 6 | 947 | 0 | 12 | 1,783 | 1 | 138 | 15,724 | 10 | -15,586 |
| 1062+00 | | 50 | 6 | 900 | 0 | 12 | 1,711 | 1 | 150 | 17,435 | 11 | -17,285 |
| 1062+50 | | 50 | 6 | 857 | 0 | 12 | 1,627 | 1 | 162 | 19,062 | 11 | -18,900 |
| 1063+00 | | 50 | 6 | 807 | 0 | 12 | 1,540 | 1 | 174 | 20,602 | 12 | -20,428 |
| 1063+50 | | 50 | 6 | 746 | 0 | 12 | 1,438 | 1 | 186 | 22,040 | 13 | -21,855 |
| 1064+00 | | 50 | 6 | 683 | 0 | 12 | 1,323 | 1 | 198 | 23,363 | 14 | -23,166 |
| 1064+50 | | 50 | 6 | 617 | 0 | 12 | 1,203 | 1 | 209 | 24,566 | 15 | -24,357 |
| 1065+00 | | 50 | 6 | 546 | 0 | 12 | 1,076 | 1 | 221 | 25,642 | 15 | -25,421 |
| 1065+50 | | 50 | 6 | 483 | 0 | 12 | 953 | 1 | 233 | 26,595 | 16 | -26,362 |
| 1066+00 | | 50 | 6 | 403 | 0 | 12 | 820 | 1 | 245 | 27,415 | 17 | -27,170 |
| 1066+50 | | 50 | 6 | 317 | 0 | 12 | 667 | 1 | 257 | 28,081 | 18 | -27,825 |
| 1067+00 | | 50 | 6 | 259 | 0 | 12 | 534 | 1 | 269 | 28,615 | 19 | -28,347 |
| 1067+50 | | 50 | 6 | 221 | 0 | 12 | 445 | 1 | 281 | 29,060 | 20 | -28,780 |
| 1068+00 | | 50 | 6 | 173 | 0 | 12 | 365 | 1 | 292 | 29,426 | 20 | -29,133 |
| 1068+50 | | 50 | 814 | 260 | 57 | 759 | 401 | 53 | 1,052 | 29,827 | 74 | -28,775 |
| 1069+00 | | 50 | 933 | 128 | 65 | 1,617 | 359 | 113 | 2,669 | 30,186 | 187 | -27,517 |
| 1069+50 | | 50 | 849 | 70 | 59 | 1,650 | 183 | 116 | 4,319 | 30,369 | 302 | -26,050 |

Addendum No. 01
ID 1030-11-72
Revised Sheet 625
May 16, 2018

Project ID: 1030-11-72
Division 4 - SW Ramp

| STATION | | Distance | AREA (SF) | | | Incremental Vol (CY) (Unadjusted) | | | Cumulative Vol (CY) | | | Mass Ordinate CY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Cut | Fill | EBS | Cut | Fill | EBS | Cut | Fill | EBS | |
| 1044+00 | AH | 0 | 234 | 98 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1044+50 | | 50 | 196 | 85 | 14 | 397 | 169 | 28 | 397 | 169 | 28 | 228 |
| 1045+00 | | 50 | 182 | 75 | 13 | 350 | 148 | 24 | 747 | 317 | 52 | 430 |
| 1045+25 | | 25 | 167 | 73 | 12 | 161 | 69 | 11 | 908 | 386 | 64 | 523 |
| 1045+50 | | 25 | 155 | 70 | 11 | 149 | 66 | 10 | 1,057 | 452 | 74 | 605 |
| 1046+00 | | 50 | 58 | 84 | 4 | 197 | 143 | 14 | 1,254 | 595 | 88 | 660 |
| 1046+50 | | 50 | 54 | 79 | 4 | 103 | 150 | 7 | 1,358 | 745 | 95 | 612 |
| 1047+00 | | 50 | 80 | 104 | 6 | 124 | 169 | 9 | 1,482 | 914 | 104 | 568 |
| 1047+50 | | 50 | 84 | 128 | 6 | 152 | 215 | 11 | 1,634 | 1,129 | 114 | 505 |
| 1048+00 | | 50 | 89 | 158 | 6 | 161 | 264 | 11 | 1,795 | 1,393 | 126 | 402 |
| 1048+50 | | 50 | 86 | 196 | 6 | 163 | 328 | 11 | 1,957 | 1,721 | 137 | 236 |
| 1049+00 | | 50 | 62 | 224 | 4 | 137 | 389 | 10 | 2,095 | 2,110 | 147 | -16 |
| 1049+50 | | 50 | 15 | 243 | 1 | 71 | 432 | 5 | 2,165 | 2,543 | 152 | -377 |
| 1050+00 | | 50 | 14 | 254 | 1 | 26 | 460 | 2 | 2,192 | 3,003 | 153 | -811 |
| 1050+50 | | 50 | 11 | 244 | 1 | 23 | 461 | 2 | 2,215 | 3,464 | 155 | -1,249 |
| 1051+00 | | 50 | 8 | 291 | 1 | 18 | 496 | 1 | 2,233 | 3,960 | 156 | -1,727 |
| 1051+50 | | 50 | 9 | 260 | 1 | 16 | 510 | 1 | 2,249 | 4,470 | 157 | -2,221 |
| 1052+00 | | 50 | 12 | 218 | 1 | 19 | 442 | 1 | 2,268 | 4,912 | 159 | -2,644 |
| 1052+50 | | 50 | 12 | 153 | 1 | 22 | 343 | 2 | 2,290 | 5,255 | 160 | -2,965 |
| 1053+00 | | 50 | 9 | 92 | 1 | 20 | 227 | 1 | 2,310 | 5,482 | 162 | -3,172 |
| 1053+50 | | 50 | 45 | 28 | 3 | 50 | 111 | 3 | 2,360 | 5,593 | 165 | -3,233 |
| 1054+00 | | 50 | 59 | 36 | 4 | 96 | 59 | 7 | 2,456 | 5,652 | 172 | -3,196 |
| 1054+50 | | 50 | 111 | 14 | 8 | 157 | 45 | 11 | 2,613 | 5,697 | 183 | -3,084 |
| 1055+00 | BK | 50 | 299 | 0 | 21 | 380 | 13 | 27 | 2,993 | 5,710 | 210 | -2,717 |
| TOTALS | | | | | | 2,993 | 5,710 | 210 | | | | |

Addendum No. 01
ID 1030-11-72
Revised Sheet 627
May 16, 2018

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| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | EARTHWORK | SHEET NO: 627 | E |
|---|---|---|---|---|---|

Project ID: 1030-11-72
Division 6 - IH 94 SB

| STATION | | Distance | AREA (SF) | | | Incremental Vol (CY) (Unadjusted) | | | Cumulative Vol (CY) | | | Mass Ordinate CY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Cut | Fill | EBS | Cut | Fill | EBS | Cut | Fill | EBS | |
| 1024+00 | AH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1024+50 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1025+00 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1025+50 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1026+00 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1026+50 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1027+00 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1027+50 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1028+00 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1028+50 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1029+00 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1029+50 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1030+00 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1030+50 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1031+00 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1031+50 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1032+00 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1032+50 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1033+00 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1033+50 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1034+00 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1034+50 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1035+00 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1035+50 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1036+00 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1036+50 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1037+00 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1037+50 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1038+00 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1038+50 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1039+00 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1039+50 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1040+00 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1040+50 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | -1 |
| 1041+00 | | 50 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | -2 |
| 1041+50 | | 50 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 4 | 0 | -4 |
| 1042+00 | | 50 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 7 | 0 | -7 |
| 1042+50 | | 50 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 10 | 0 | -10 |
| 1043+00 | | 50 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 13 | 0 | -13 |
| 1043+50 | | 50 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 16 | 0 | -16 |
| 1044+00 | | 50 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 18 | 0 | -18 |
| 1044+50 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 | -18 |
| 1045+00 | | 50 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 19 | 0 | -19 |
| 1045+50 | | 50 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 20 | 0 | -20 |
| 1046+00 | | 50 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 22 | 0 | -22 |
| 1046+50 | | 50 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 24 | 0 | -24 |
| 1047+00 | | 50 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 27 | 0 | -27 |
| 1047+50 | | 50 | 0 | 3 | 0 | 0 | 5 | 0 | 0 | 32 | 0 | -32 |
| 1048+00 | | 50 | 0 | 4 | 0 | 0 | 7 | 0 | 0 | 39 | 0 | -39 |
| 1048+50 | | 50 | 0 | 4 | 0 | 0 | 7 | 0 | 0 | 46 | 0 | -46 |
| 1049+00 | | 50 | 0 | 4 | 0 | 0 | 8 | 0 | 0 | 54 | 0 | -54 |
| 1049+50 | | 50 | 0 | 4 | 0 | 0 | 8 | 0 | 0 | 62 | 0 | -62 |

Addendum No. 01
ID 1030-11-72
Revised Sheet 629
May 16, 2018

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Project ID: 1030-11-72
Division 6 - IH 94 SB

| STATION | | Distance | AREA (SF) | | | Incremental Vol (CY) (Unadjusted) | | | Cumulative Vol (CY) | | | Mass Ordinate CY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Cut | Fill | EBS | Cut | Fill | EBS | Cut | Fill | EBS | |
| 1050+00 | | 50 | 0 | 4 | 0 | 0 | 8 | 0 | 0 | 70 | 0 | -70 |
| 1050+50 | | 50 | 0 | 4 | 0 | 0 | 8 | 0 | 0 | 77 | 0 | -77 |
| 1051+00 | | 50 | 0 | 3 | 0 | 0 | 6 | 0 | 0 | 84 | 0 | -84 |
| 1051+50 | | 50 | 0 | 3 | 0 | 0 | 5 | 0 | 0 | 89 | 0 | -89 |
| 1052+00 | | 50 | 0 | 3 | 0 | 0 | 5 | 0 | 0 | 94 | 0 | -94 |
| 1052+50 | | 50 | 0 | 3 | 0 | 0 | 5 | 0 | 0 | 99 | 0 | -99 |
| 1053+00 | | 50 | 0 | 4 | 0 | 0 | 6 | 0 | 0 | 105 | 0 | -105 |
| 1053+50 | | 50 | 0 | 4 | 0 | 0 | 7 | 0 | 0 | 112 | 0 | -112 |
| 1054+00 | | 50 | 0 | 4 | 0 | 0 | 7 | 0 | 0 | 119 | 0 | -119 |
| 1054+50 | | 50 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 123 | 0 | -123 |
| 1055+00 | BK | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 123 | 0 | -123 |
| TOTALS | | | | | | 0 | 123 | 0 | | | | |

Project ID: 1030-11-72
Division 6 - IH 94 SB

| STATION | | Distance | AREA (SF) | | | Incremental Vol (CY) (Unadjusted) | | | Cumulative Vol (CY) | | | Mass Ordinate CY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Cut | Fill | EBS | Cut | Fill | EBS | Cut | Fill | EBS | |
| 1056+50 | AH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1057+00 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1057+50 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1058+00 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1058+50 | | 50 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | -1 |
| 1059+00 | | 50 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 3 | 0 | -3 |
| 1059+50 | | 50 | 0 | 3 | 0 | 0 | 3 | 0 | 0 | 6 | 0 | -6 |
| 1060+00 | | 50 | 0 | 3 | 0 | 0 | 5 | 0 | 0 | 12 | 0 | -12 |
| 1060+50 | | 50 | 0 | 3 | 0 | 0 | 6 | 0 | 0 | 18 | 0 | -18 |
| 1061+00 | | 50 | 0 | 4 | 0 | 0 | 7 | 0 | 0 | 25 | 0 | -25 |
| 1061+50 | | 50 | 0 | 6 | 0 | 0 | 9 | 0 | 0 | 33 | 0 | -33 |
| 1062+00 | | 50 | 0 | 6 | 0 | 0 | 10 | 0 | 0 | 44 | 0 | -44 |
| 1062+50 | | 50 | 0 | 6 | 0 | 0 | 10 | 0 | 0 | 54 | 0 | -54 |
| 1063+00 | | 50 | 0 | 6 | 0 | 0 | 11 | 0 | 0 | 65 | 0 | -65 |
| 1063+50 | | 50 | 0 | 6 | 0 | 0 | 10 | 0 | 0 | 75 | 0 | -75 |
| 1064+00 | | 50 | 0 | 5 | 0 | 0 | 10 | 0 | 0 | 85 | 0 | -85 |
| 1064+50 | | 50 | 0 | 5 | 0 | 0 | 10 | 0 | 0 | 95 | 0 | -95 |
| 1065+00 | | 50 | 0 | 4 | 0 | 0 | 9 | 0 | 0 | 104 | 0 | -104 |
| 1065+50 | | 50 | 0 | 4 | 0 | 0 | 7 | 0 | 0 | 111 | 0 | -111 |
| 1066+00 | | 50 | 0 | 3 | 0 | 0 | 6 | 0 | 0 | 117 | 0 | -117 |
| 1066+50 | | 50 | 0 | 2 | 0 | 0 | 5 | 0 | 0 | 122 | 0 | -122 |
| 1067+00 | | 50 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 125 | 0 | -125 |
| 1067+50 | | 50 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 128 | 0 | -128 |
| 1068+00 | | 50 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 129 | 0 | -129 |
| 1068+50 | | 50 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 130 | 0 | -130 |
| 1069+00 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130 | 0 | -130 |
| 1069+50 | | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130 | 0 | -130 |

Addendum No. 01
ID 1030-11-72
Revised Sheet 630
May 16, 2018

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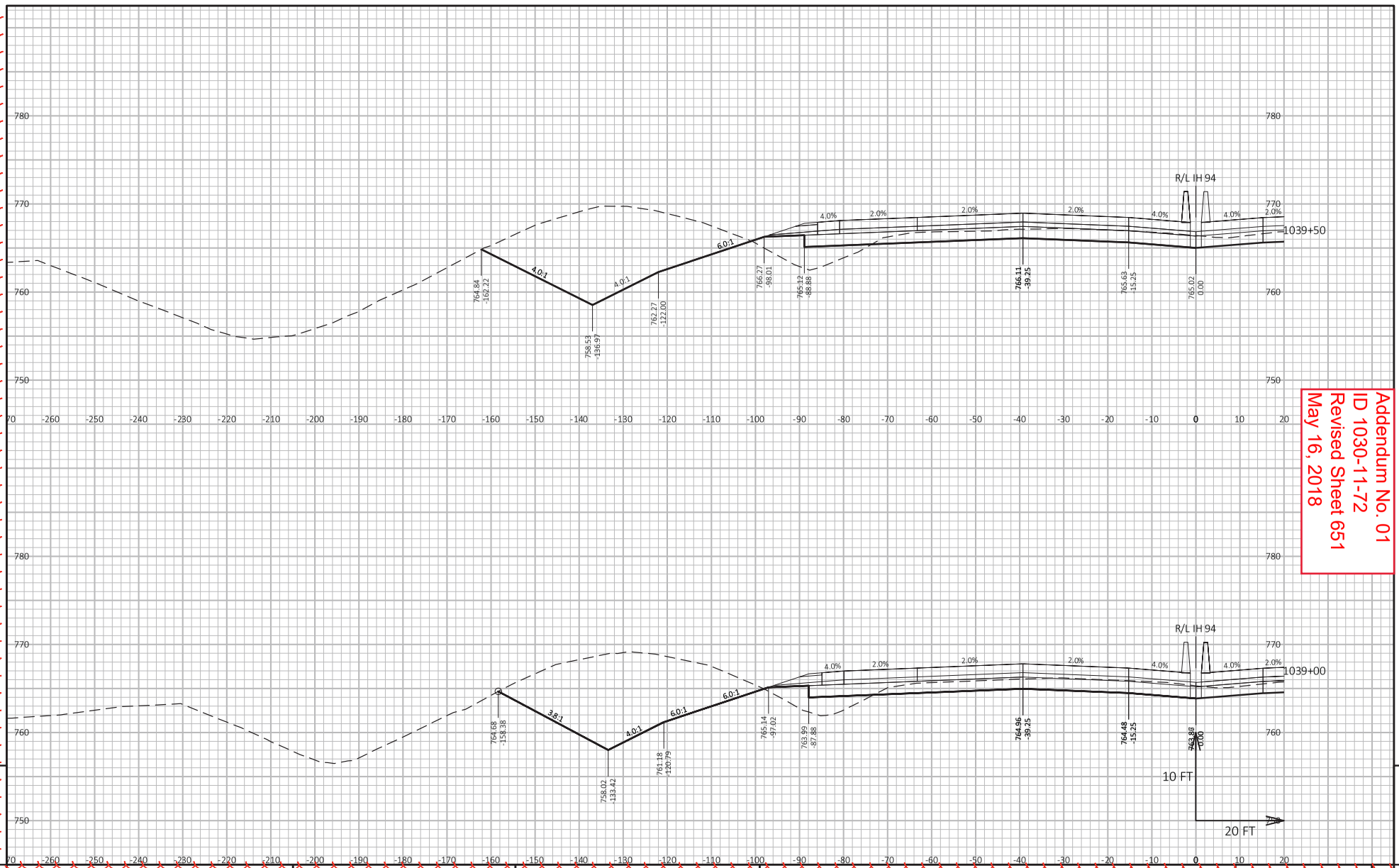
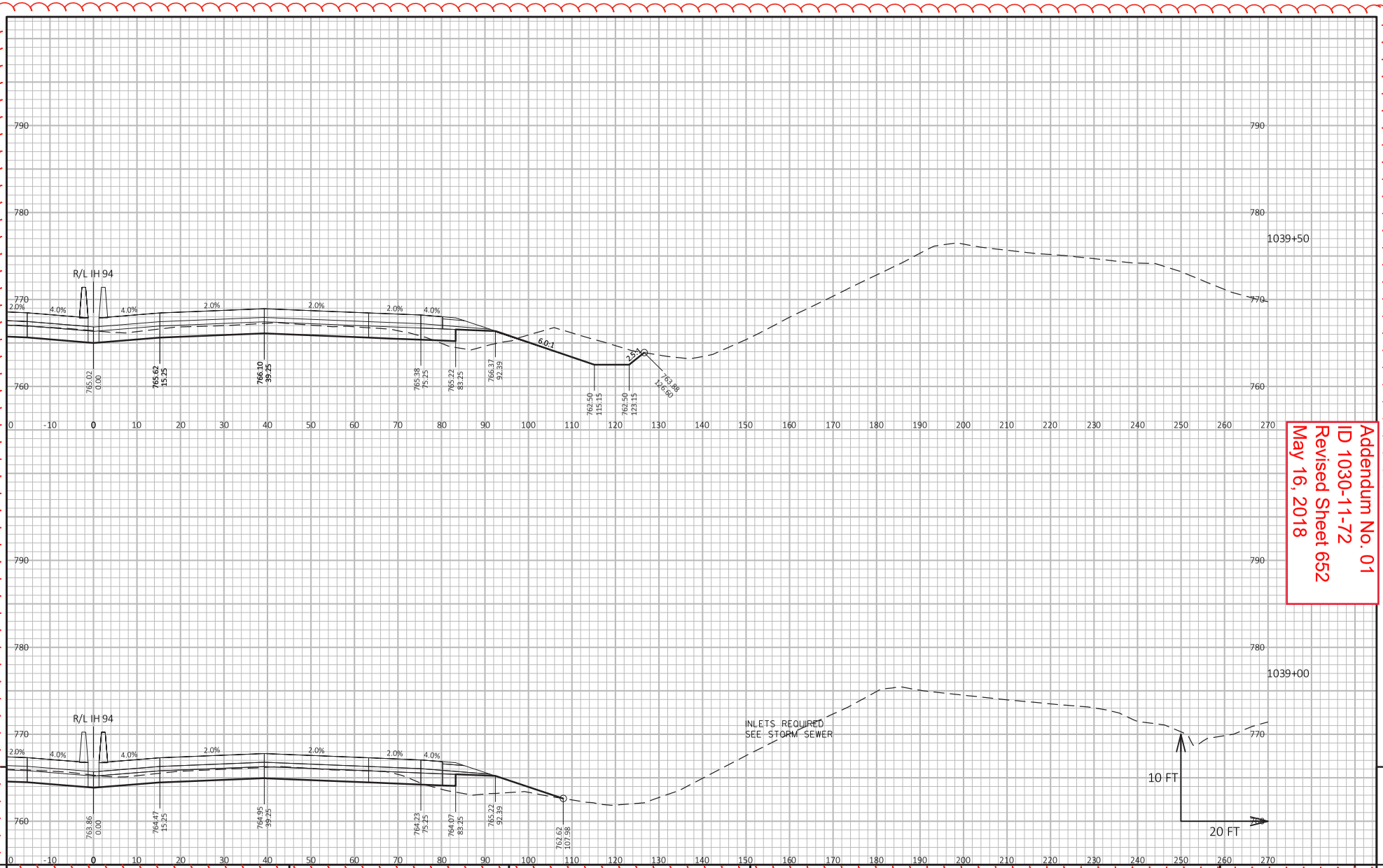



Addendum No. 01
ID 1030-11-72
Revised Sheet 651
May 16, 2018

9 9

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | CROSS SECTIONS: IH 94 S-1024+00 TO 1054+50 | SHEET 651 | E |
|---|---|---|---|---|---|

FILE NAME : X:\BM1-1644D CTH K\S_DESIGN\03_ROADS\10301172\SHEETSPLAN\090201-XS-IH 94 S.DWG
LAYOUT NAME - Section Sheet - (75)
PLOT DATE : 5/14/2018 3:20 PM
PLOT BY : ANTHONY GULAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

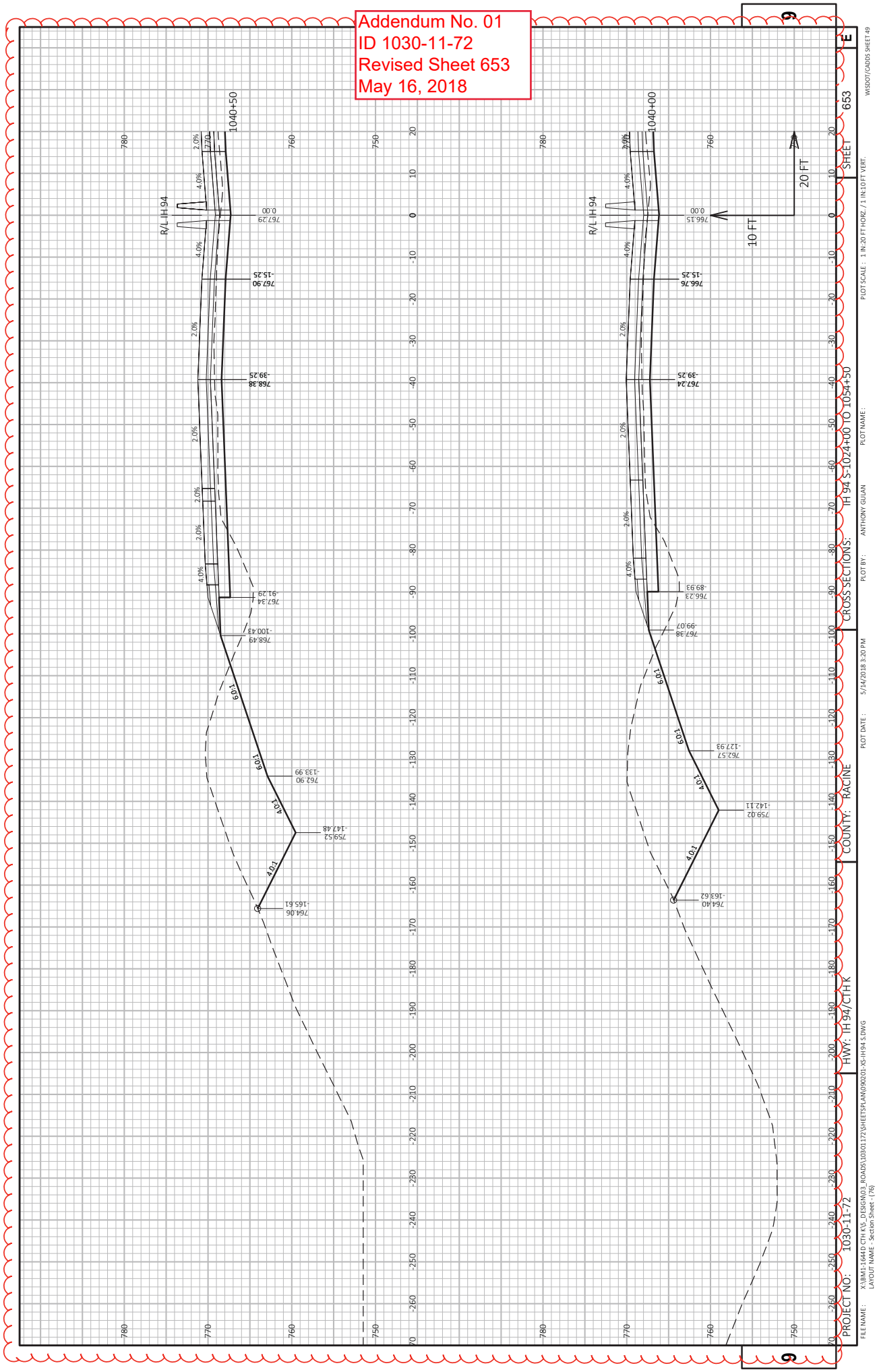



Addendum No. 01
ID 1030-11-72
Revised Sheet 652
May 16, 2018

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | CROSS SECTIONS: IH 94 S 1024+00 TO 1054+50 | SHEET 652 |
|---|---|---|---|---|

FILE NAME : X:\BM1-1644D CTH K\S_DESIGN\03_ROADS\10301172\SHEETSPLAN\090201-XS-IH 94 S.DWG
LAYOUT NAME - Section Sheet - (69)
PLOT DATE : 5/14/2018 3:20 PM
PLOT BY : ANTHONY GULAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

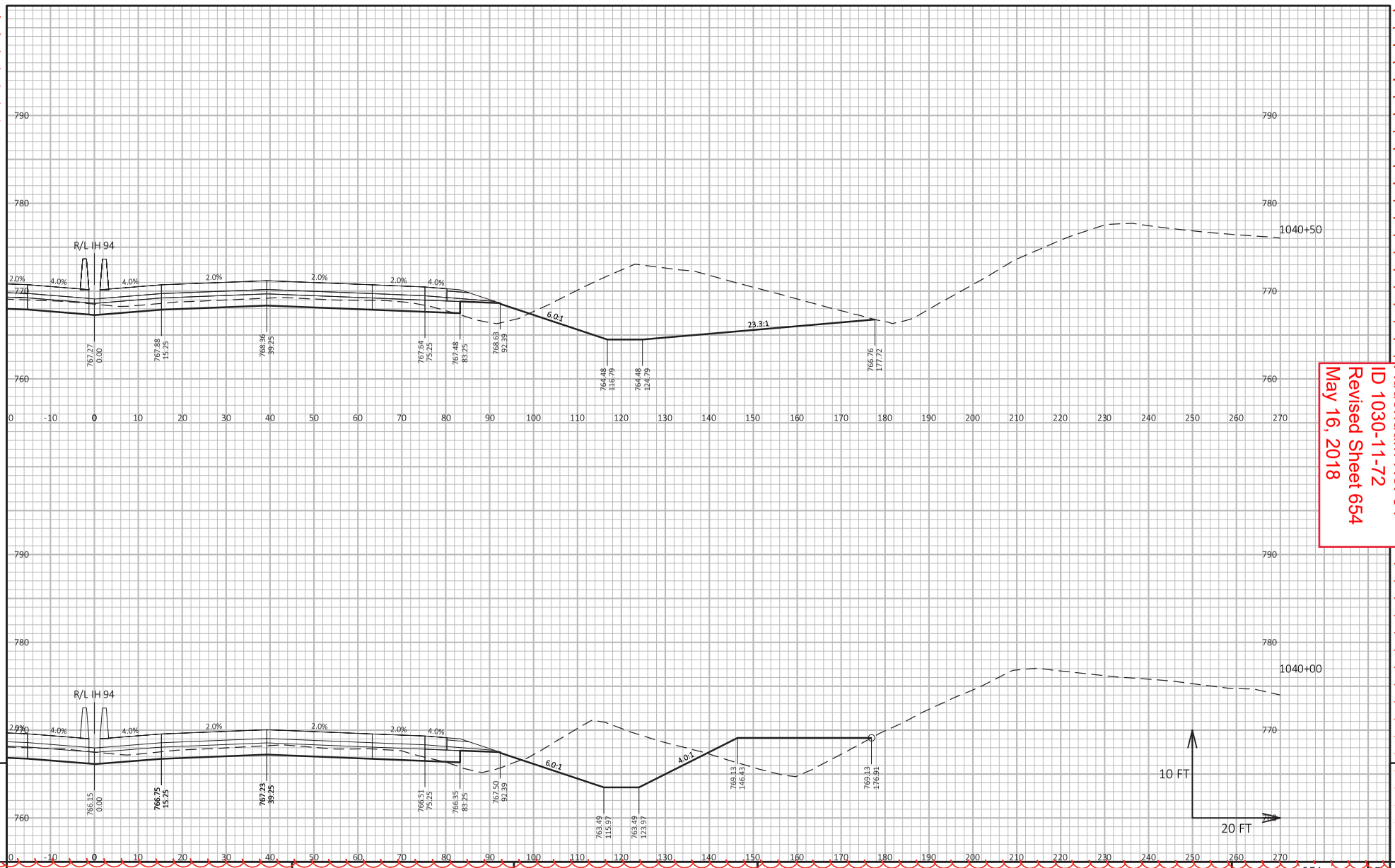
Addendum No. 01
ID 1030-11-72
Revised Sheet 653
May 16, 2018




CROSS SECTIONS: IH 94 S 1024+00 TO 1054+50
COUNTY: RACINE
HWY: IH 94/CTH K
PROJECT NO: 1030-11-72
SHEET 653

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.
PLOT NAME :
PLOT BY : ANTHONY GUAN
PLOT DATE : 5/14/2018 3:20 PM
WISDOT/CADDS SHEET 49

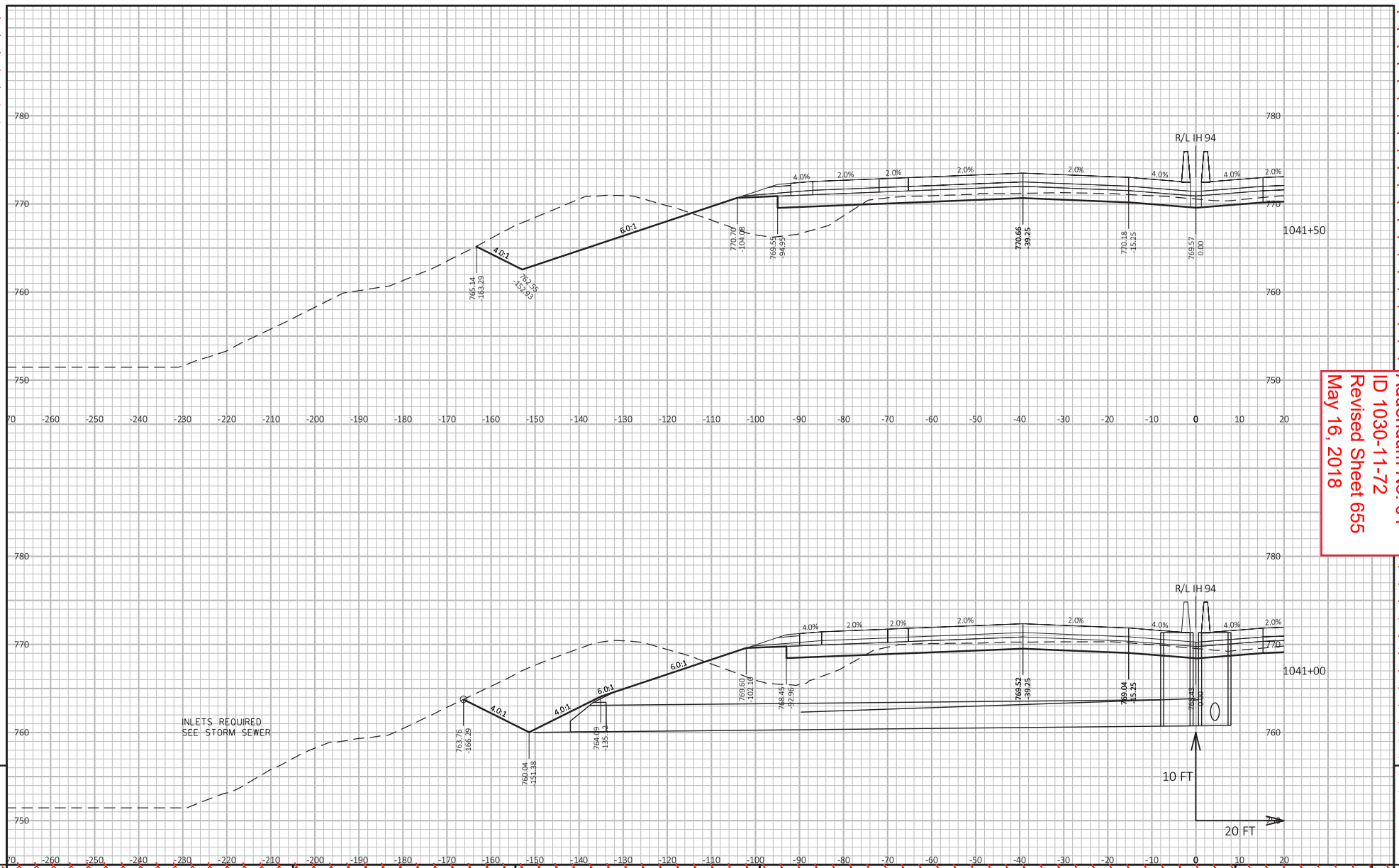
FILE NAME : X:\BM1-16440 CTH K\S_DESIGN\03_ROADS\1030117 2\SHEETSPLAN\090201_XS-IH 94 S.DWG
LAYOUT NAME - Section Sheet - (76)




Addendum No. 01
ID 1030-11-72
Revised Sheet 654
May 16, 2018

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | CROSS SECTIONS: IH 94 S-1024+00 TO 1054+50 | SHEET 654 |
|---|---|---|---|---|

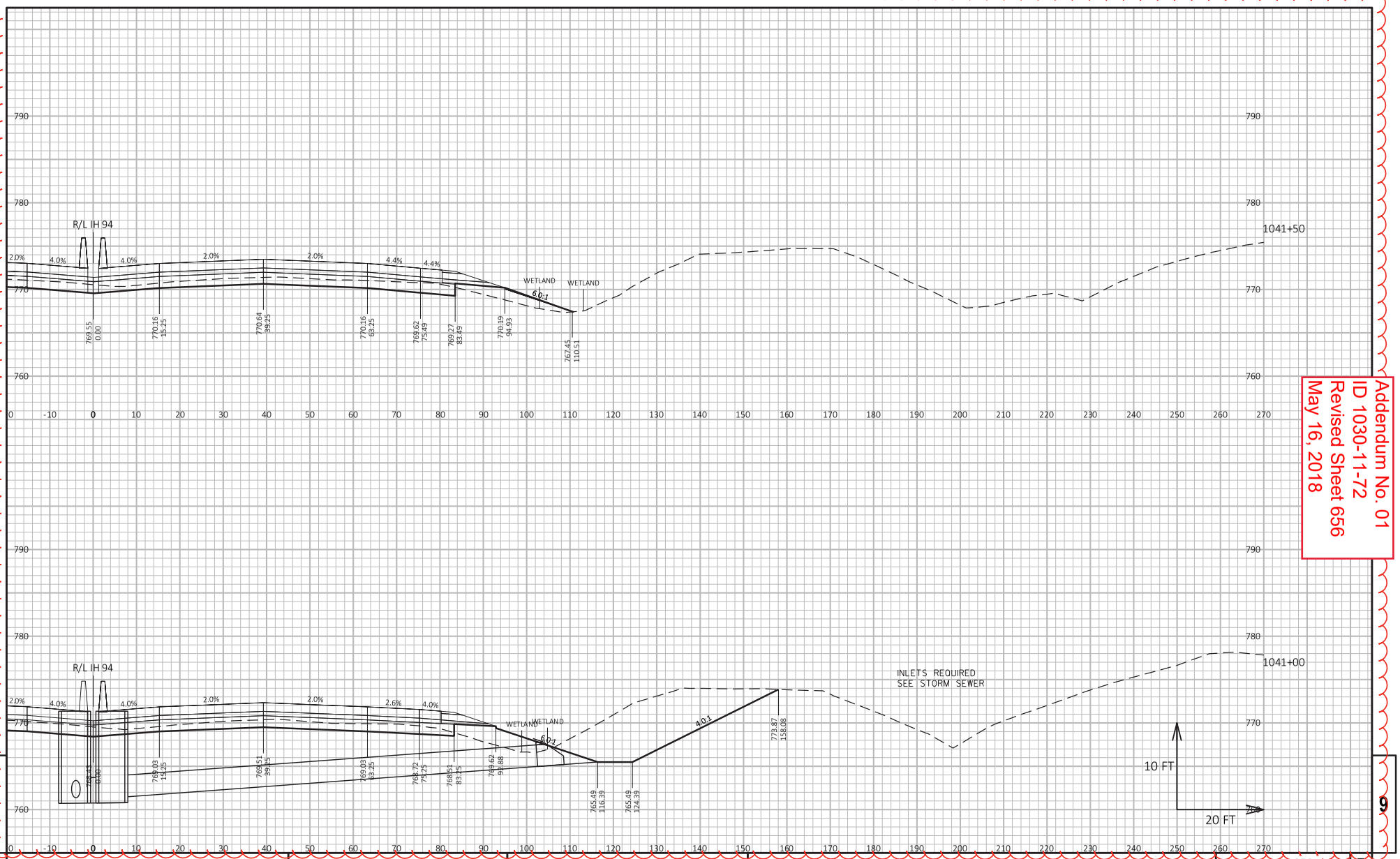
FILE NAME : X:\BM1-1644D CTH K\S_DESIGN\03_ROADS\10301172\SHEETSPLAN\090201-XS-IH 94 S.DWG
LAYOUT NAME - Section Sheet - (70)
PLOT DATE : 5/14/2018 3:20 PM
PLOT BY : ANTHONY GULAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.




Addendum No. 01
ID 1030-11-72
Revised Sheet 655
May 16, 2018

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | CROSS SECTIONS: IH 94 S-1024+00 TO 1054+50 | SHEET 655 |
|---|---|---|---|---|

FILE NAME : X:\BM1-1644D CTH K\S_DESIGN\03_ROADS\10301172\SHEETSPLAN\090201-XS-IH 94 S.DWG
LAYOUT NAME - Section Sheet - (77)
PLOT DATE : 5/14/2018 3:21 PM
PLOT BY : ANTHONY GULAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

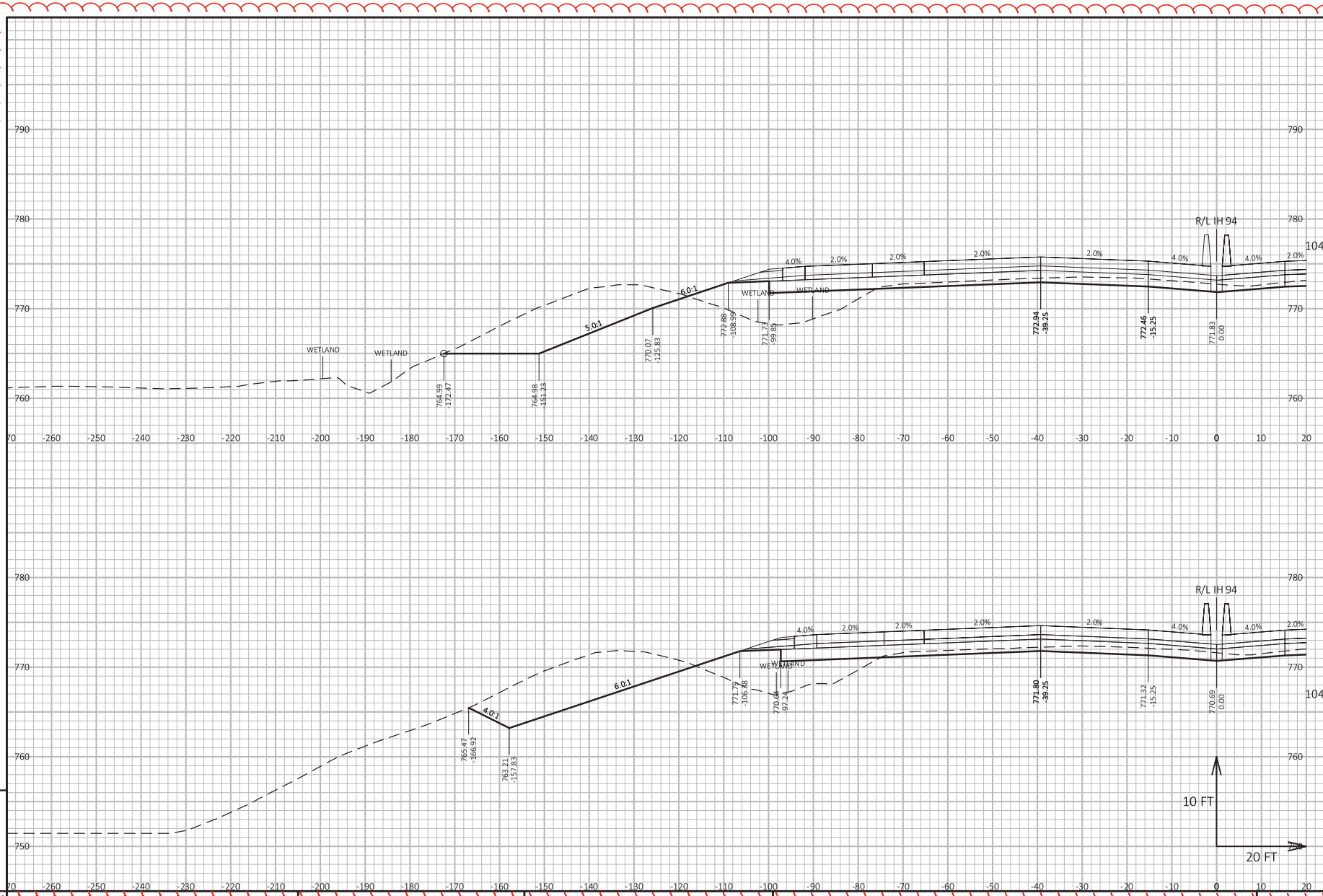



Addendum No. 01
ID 1030-11-72
Revised Sheet 656
May 16, 2018

9 9

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | CROSS SECTIONS: IH 94 S-1024+00 TO 1054+50 | SHEET 656 | E |
|---|---|---|---|---|---|

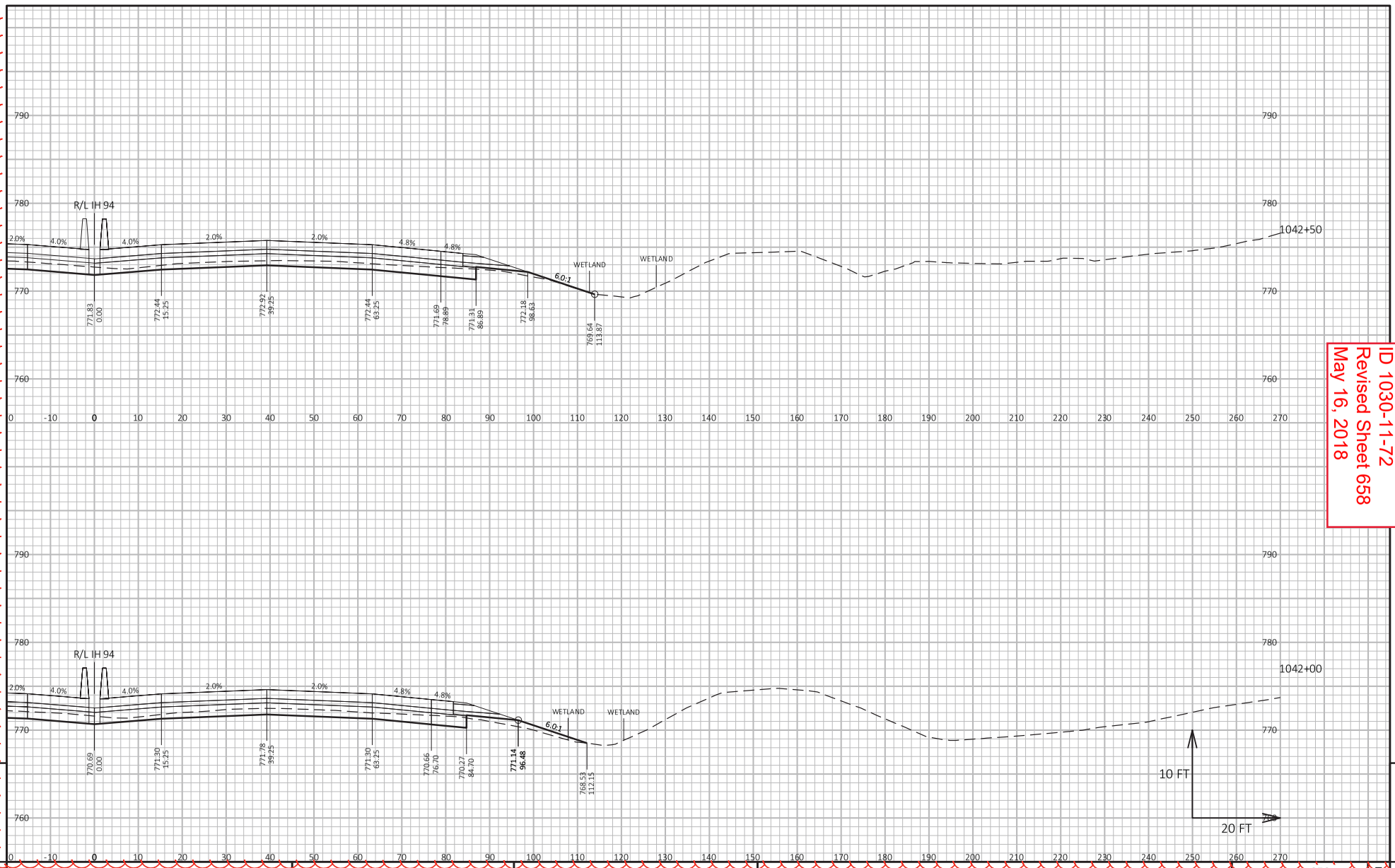
FILE NAME : X:\BM1-1644D CTH K\S_DESIGN\03_ROADS\10301172\SHEETSPLAN\090201-XS-IH 94 S.DWG
LAYOUT NAME - Section Sheet - (71)
PLOT DATE : 5/14/2018 3:21 PM
PLOT BY : ANTHONY GULAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.




Addendum No. 01
ID 1030-11-72
Revised Sheet 657
May 16, 2018

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | CROSS SECTIONS: IH 94 S-1024+00 TO 1054+50 | SHEET 657 E |
|---|---|---|---|---|

FILE NAME : X:\BM1-1644D CTH K\S_DESIGN\03_ROADS\10301172\SHEETSPLAN\090201-XS-IH 94 S.DWG
LAYOUT NAME - Section Sheet - (78)
PLOT DATE : 5/14/2018 3:21 PM
PLOT BY : ANTHONY GULAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.




Addendum No. 01
ID 1030-11-72
Revised Sheet 658
May 16, 2018

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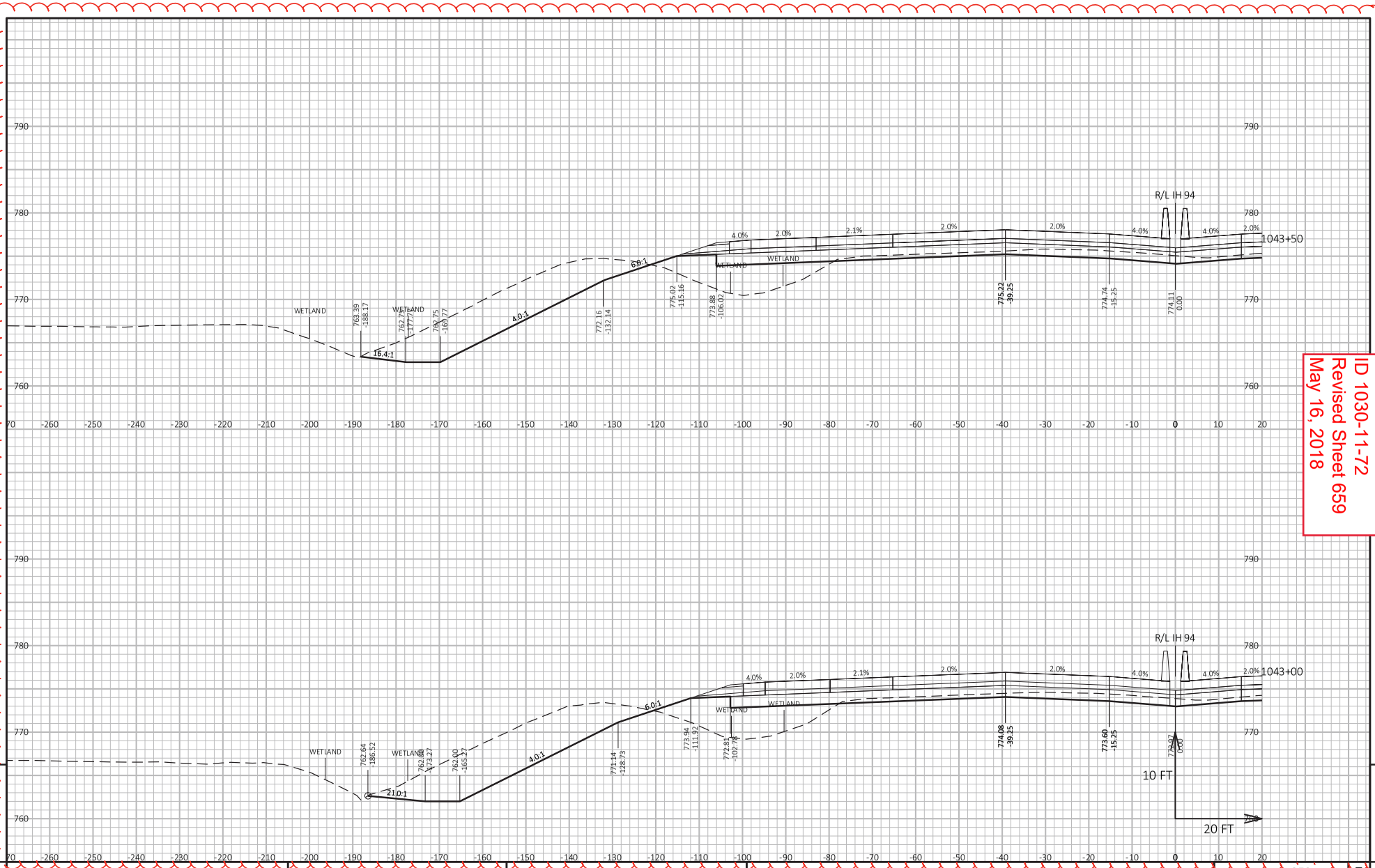
| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | CROSS SECTIONS: IH 94 S-1024+00 TO 1054+50 | SHEET 658 | E |
|---|---|---|---|---|---|

FILE NAME : X:\BM1-1644D CTH K\S_DESIGN\03_ROADS\10301172\SHEETSPLAN\090201-XS-IH 94 S.DWG
LAYOUT NAME - Section Sheet - (72)

PLOT DATE : 5/14/2018 3:21 PM PLOT BY : ANTHONY GULAN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

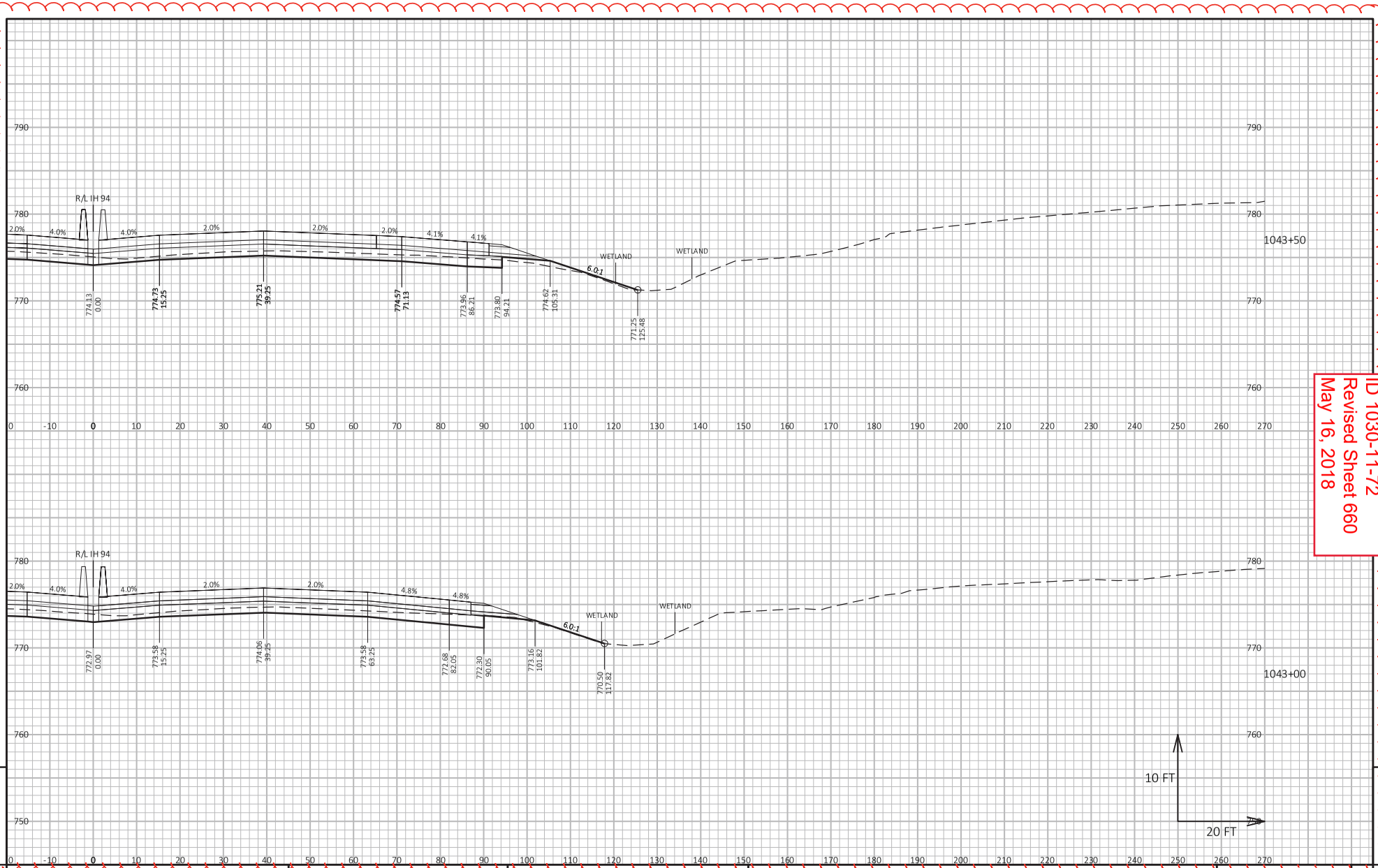



Addendum No. 01
ID 1030-11-72
Revised Sheet 659
May 16, 2018

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | CROSS SECTIONS: IH 94 S-1024+00 TO 1054+50 | SHEET 659 |
|---|---|---|---|---|

FILE NAME : X:\BM1-1644D CTH K\S_DESIGN\03_ROADS\10301172\SHEETSPLAN\090201-XS-IH 94 S.DWG
LAYOUT NAME - Section Sheet - (79)
PLOT DATE : 5/14/2018 3:22 PM
PLOT BY : ANTHONY GULAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

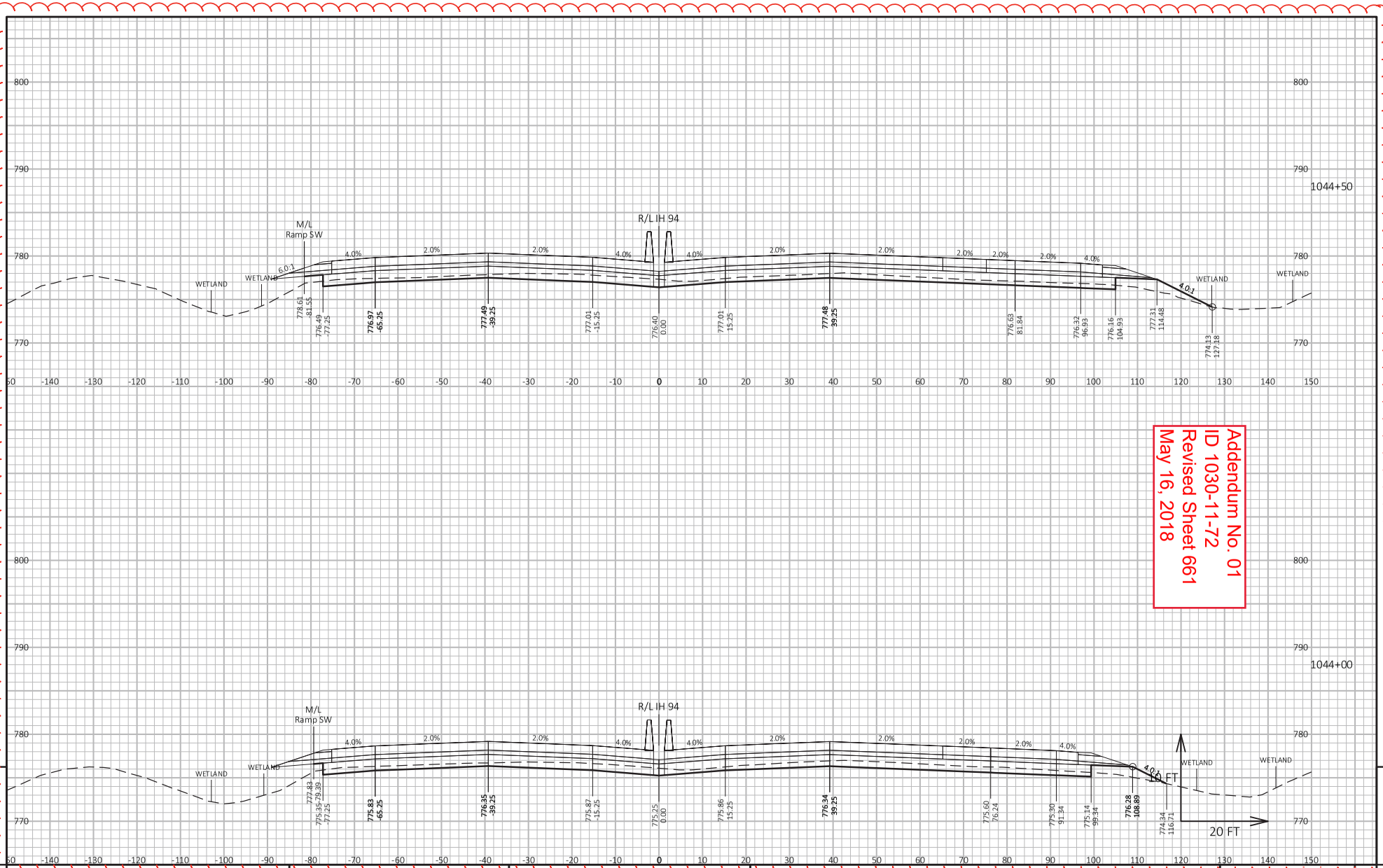
WISDOT/CADDS SHEET 49




Addendum No. 01
ID 1030-11-72
Revised Sheet 660
May 16, 2018

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | CROSS SECTIONS: IH 94 S-1024+00 TO 1054+50 | SHEET 660 |
|---|---|---|---|---|

FILE NAME : X:\BM1-1644D CTH K\S_DESIGN\03_ROADS\10301172\SHEETSPLAN\090201-XS-IH 94 S.DWG
LAYOUT NAME - Section Sheet - (140)
PLOT DATE : 5/14/2018 3:22 PM
PLOT BY : ANTHONY GULAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.



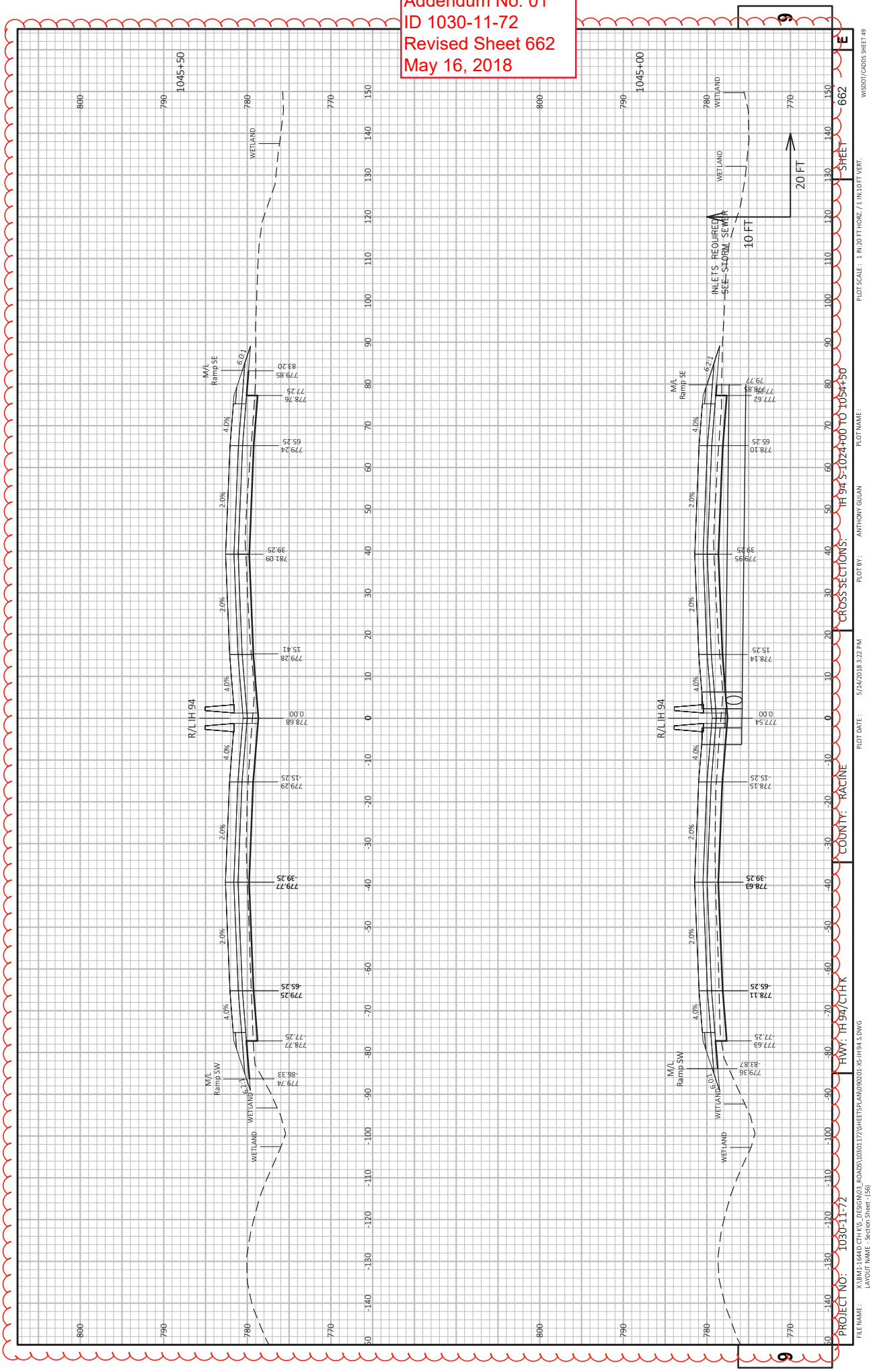

Addendum No. 01
ID 1030-11-72
Revised Sheet 661
May 16, 2018

9 9

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | CROSS SECTIONS: IH 94 S 1024+00 TO 1054+50 | SHEET 661 E |
|---|---|---|---|---|

FILE NAME : X:\BM1-1644D CTH K\S_DESIGN\03_ROADS\10301172\SHEETSPLAN\090201-XS-IH 94 S.DWG
LAYOUT NAME - Section Sheet - (55)
PLOT DATE : 5/14/2018 3:22 PM
PLOT BY : ANTHONY GULAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

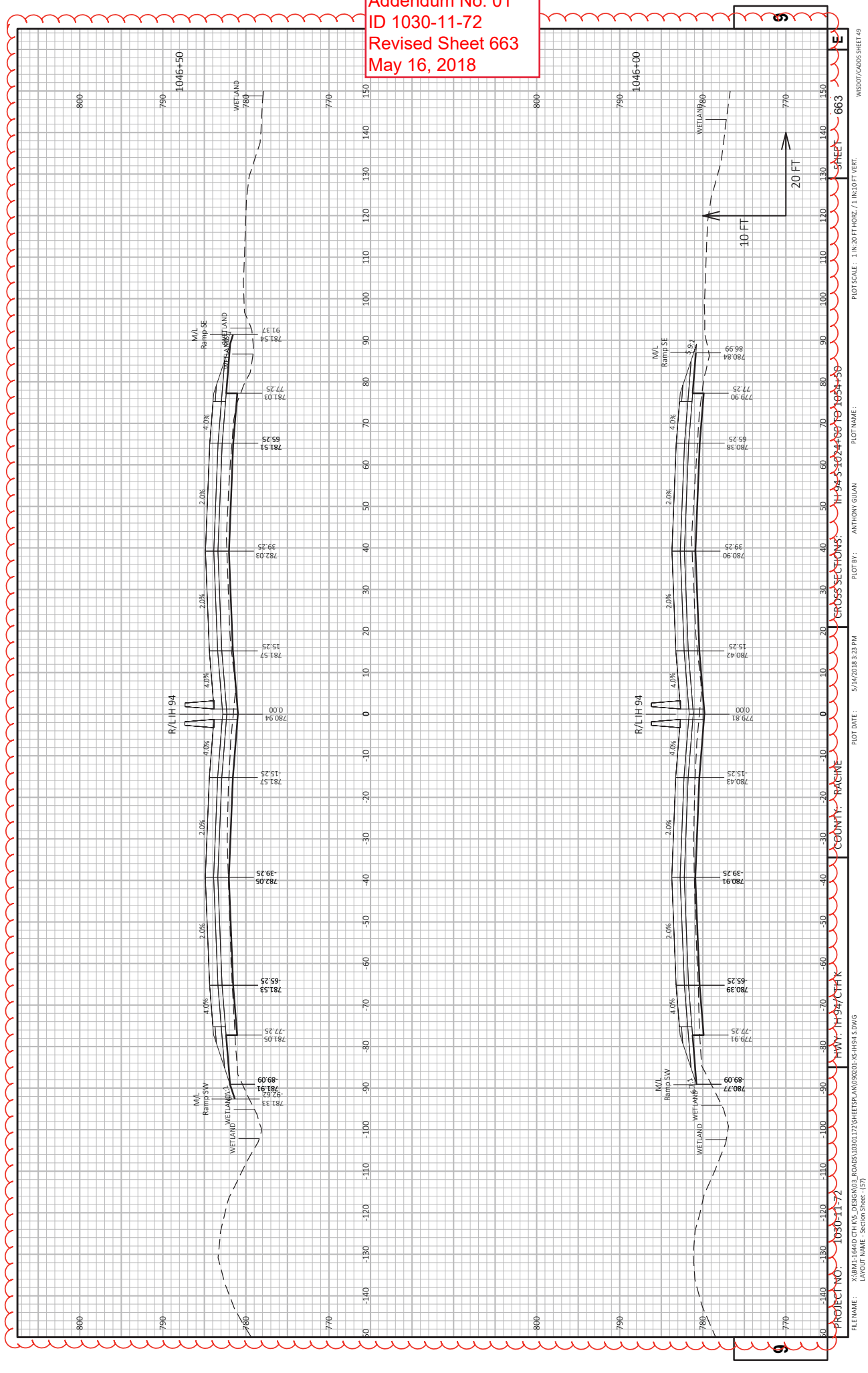
Addendum No. 01
ID 1030-11-72
Revised Sheet 662
May 16, 2018






PLOT DATE : 5/14/2018 3:22 PM
PLOT BY : ANTHONY GUAN
PLOT NAME :
PLOT SCALE : 1 IN/20 FT HORZ. / 1 IN/10 FT VERT.
WISDOT/CADDS SHEET 49
FILE NAME : X:\BM1-16440 CTH K\S_DESIGN\03_ROADS\1030117 2\SHEETSPLAN\090201-XS-IH 94 S.DWG
LAYOUT NAME = Section Sheet - (36)

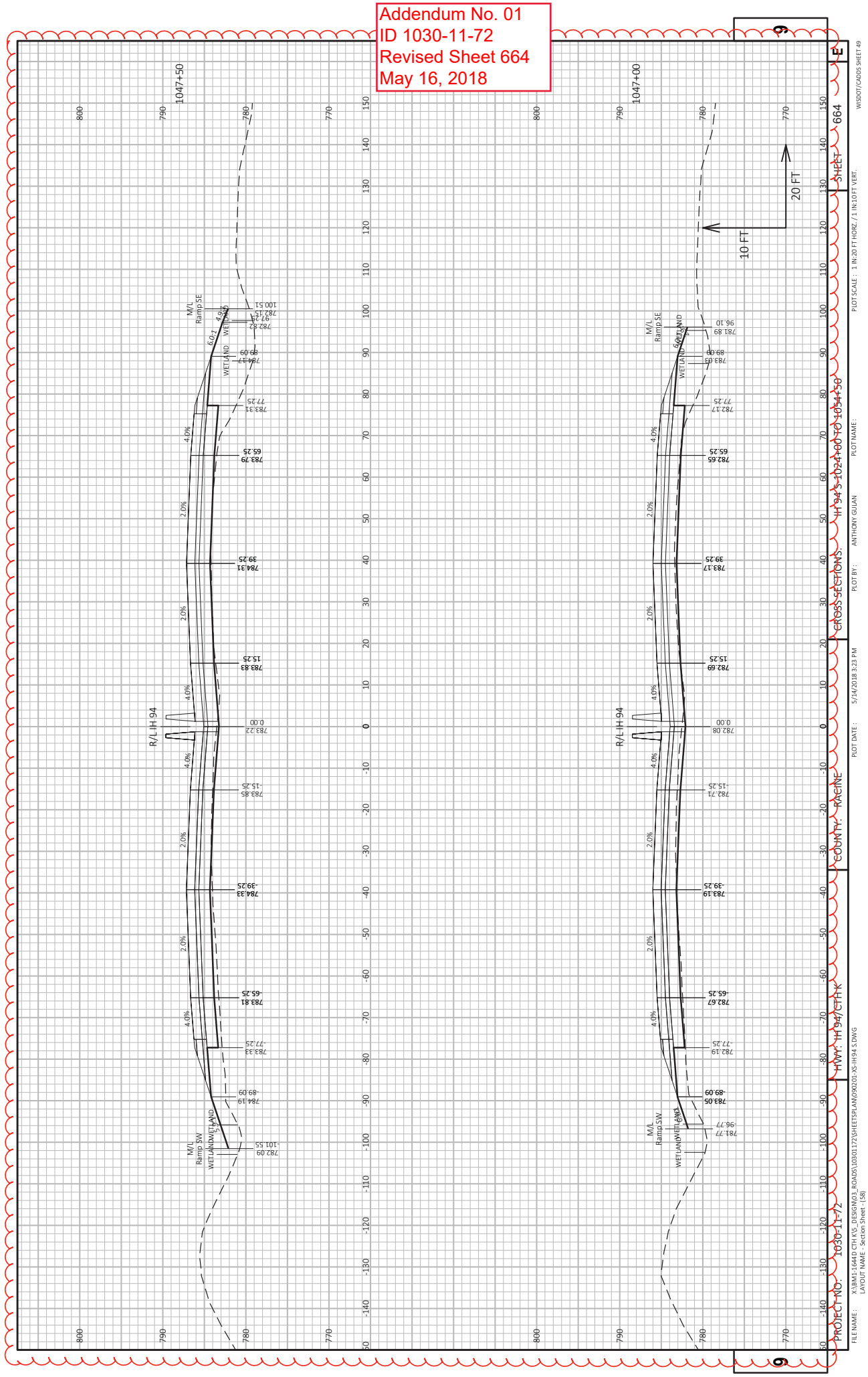
Addendum No. 01
ID 1030-11-72
Revised Sheet 663
May 16, 2018




PROJECT NO. 1030-11-72
HWY: IH 94/CTH K
COUNTY: RACINE
CROSS SECTIONS: IH 94 1024+00 TO 1054+50
SHEET 663

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.
PLOT NAME :
PLOT BY : ANTHONY GUAN
PLOT DATE : 5/14/2018 3:23 PM
FILE NAME : X:\BM1-16440 CTH K\S_DESIGN\03_ROADS\1030117 2\SHEETSPLAN\090201-XS-IH 94 S.DWG
LAYOUT NAME = Section Sheet - (57)
WISDOT/CADDS SHEET 49

Addendum No. 01
ID 1030-11-72
Revised Sheet 664
May 16, 2018

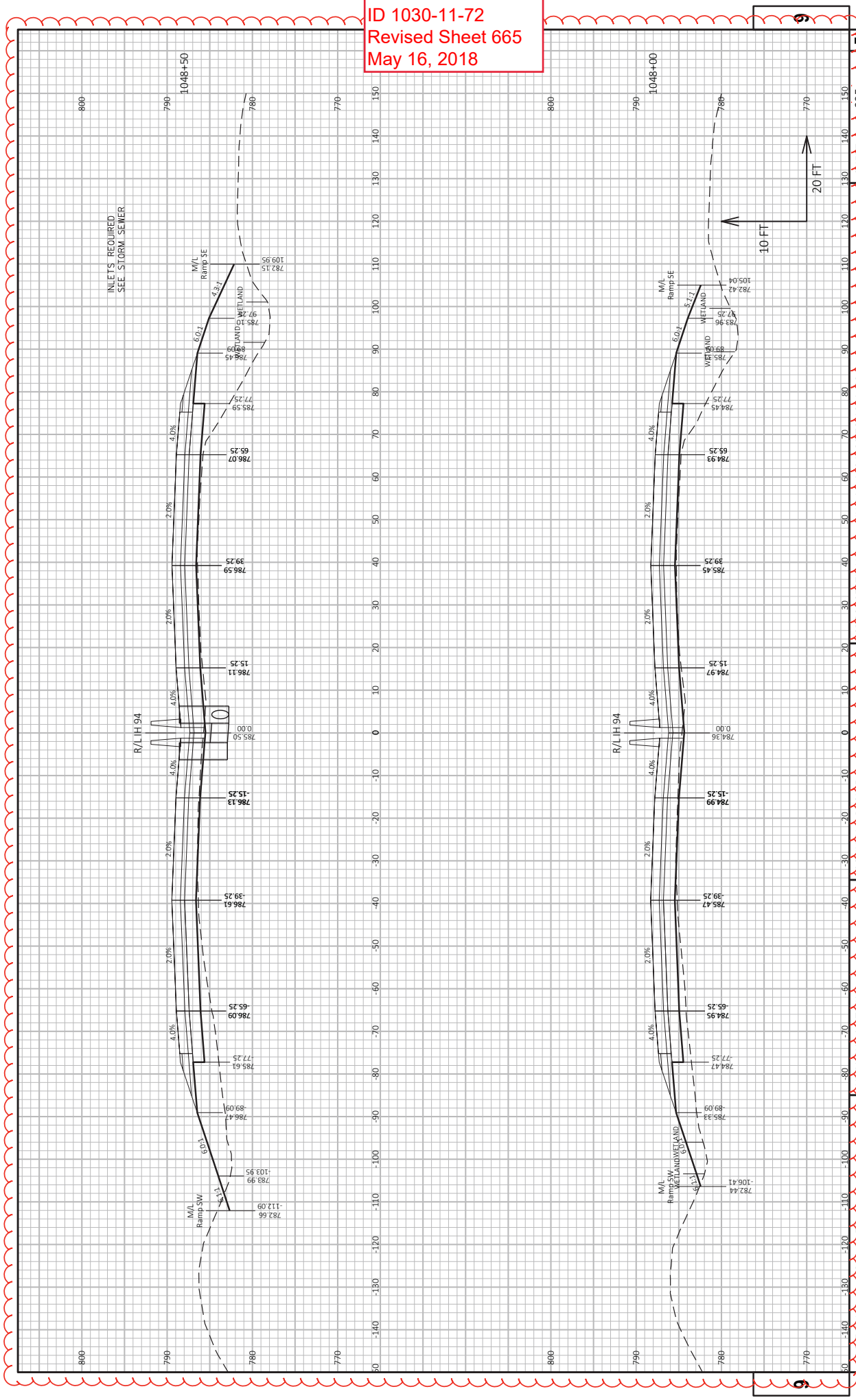


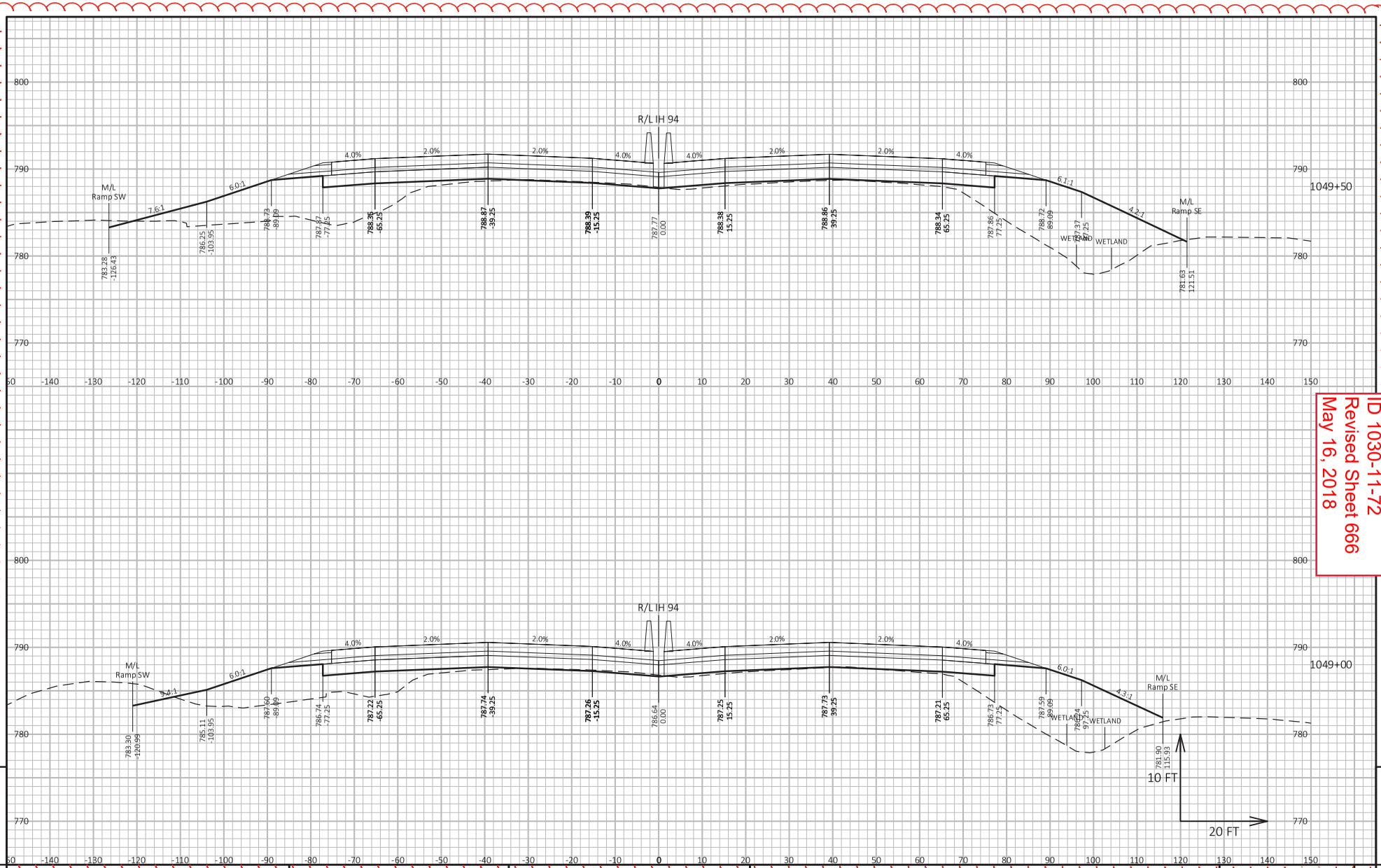




FILE NAME: X:\BM1-16440 CTH K\S_DESIGN\03_ROADS\10301172\SHEETSPLAN\090201-XS-IH94 S.DWG
LAYOUT NAME - Section Sheet - (38)
PLOT DATE : 5/14/2018 3:23 PM
PLOT BY : ANTHONY GUAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

Addendum No. 01
ID 1030-11-72
Revised Sheet 665
May 16, 2018



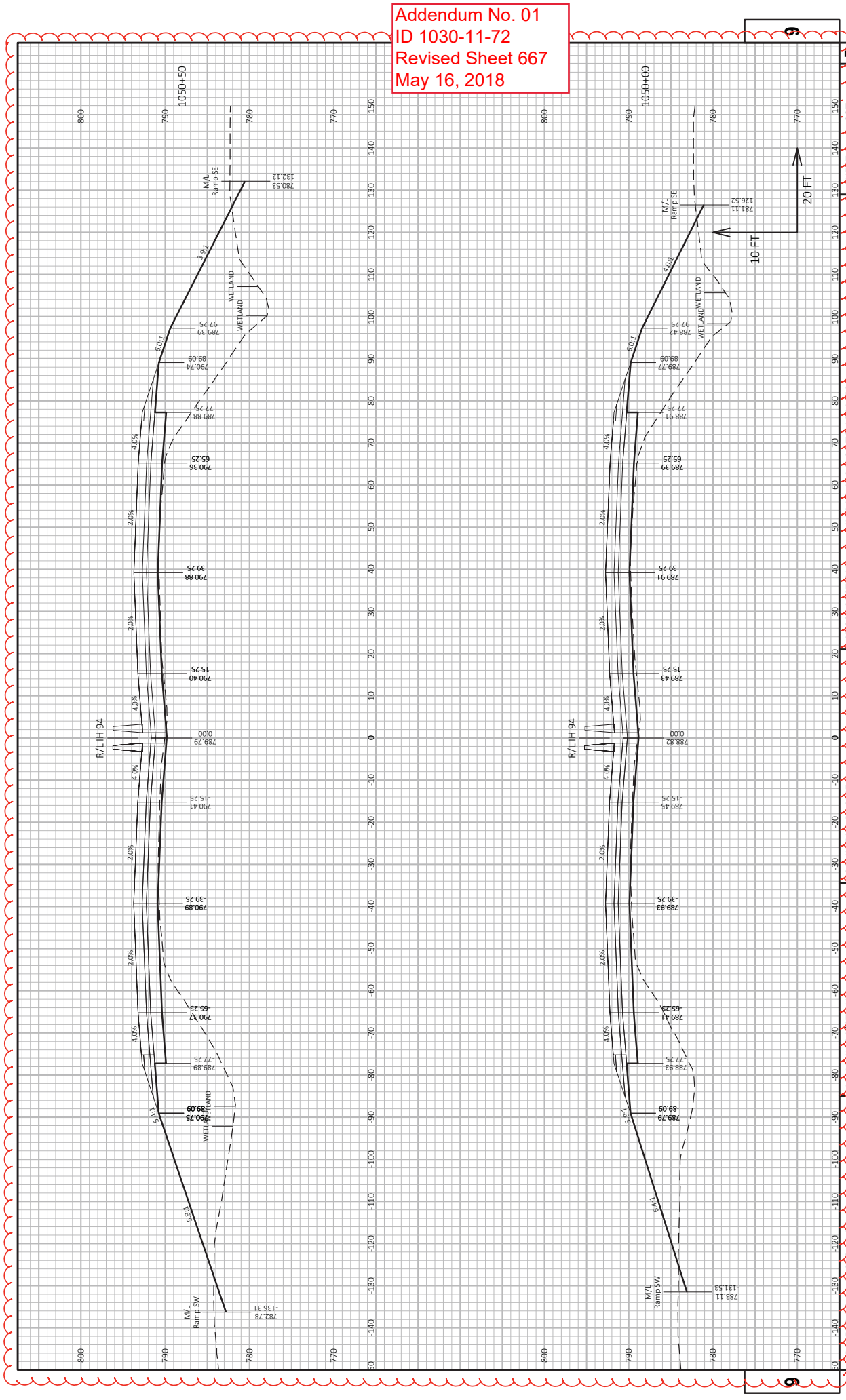



Addendum No. 01
ID 1030-11-72
Revised Sheet 666
May 16, 2018

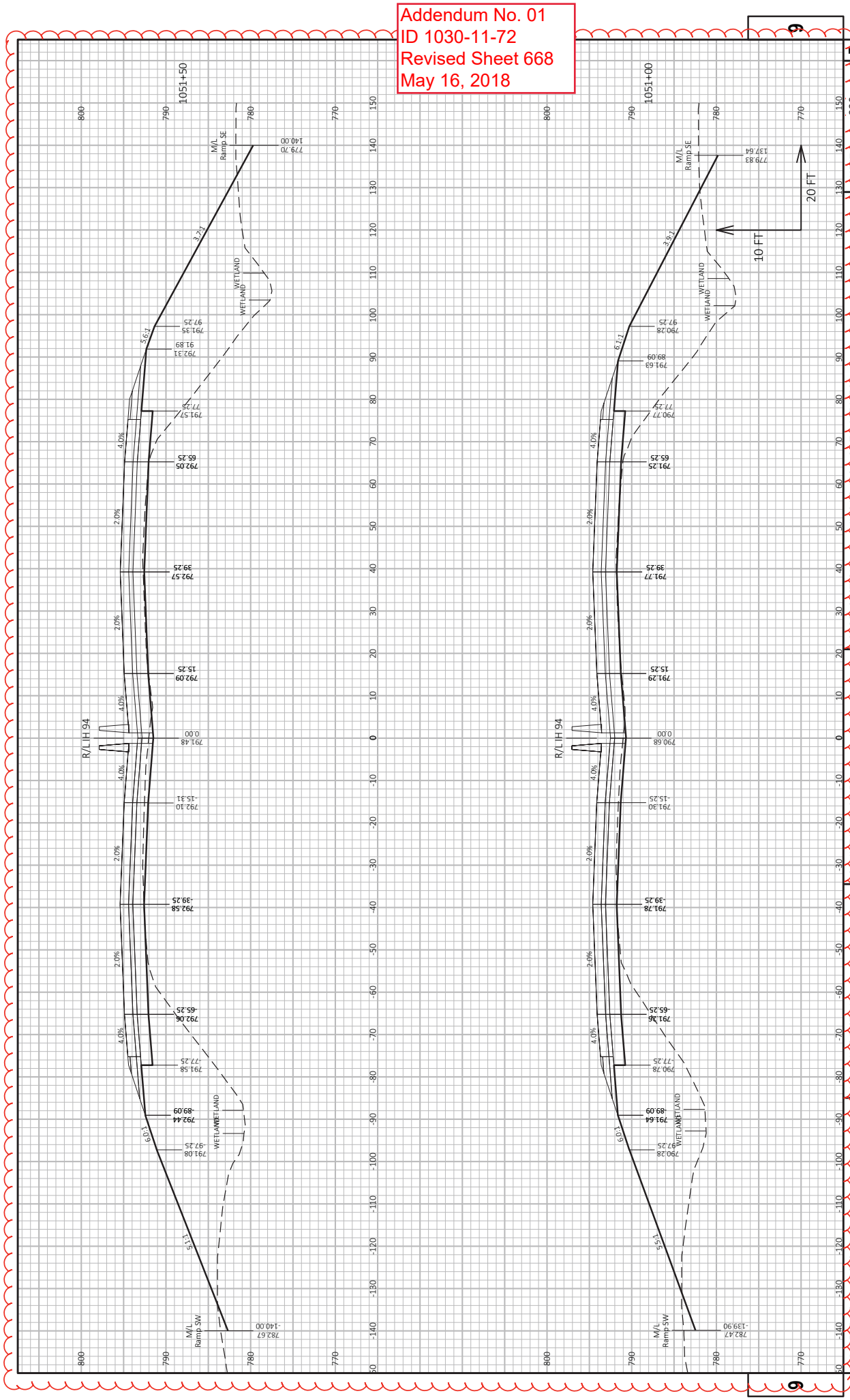
| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | CROSS SECTIONS: IH 94 S-1024+00 TO 1054+50 | SHEET 666 |
|---|---|---|---|---|

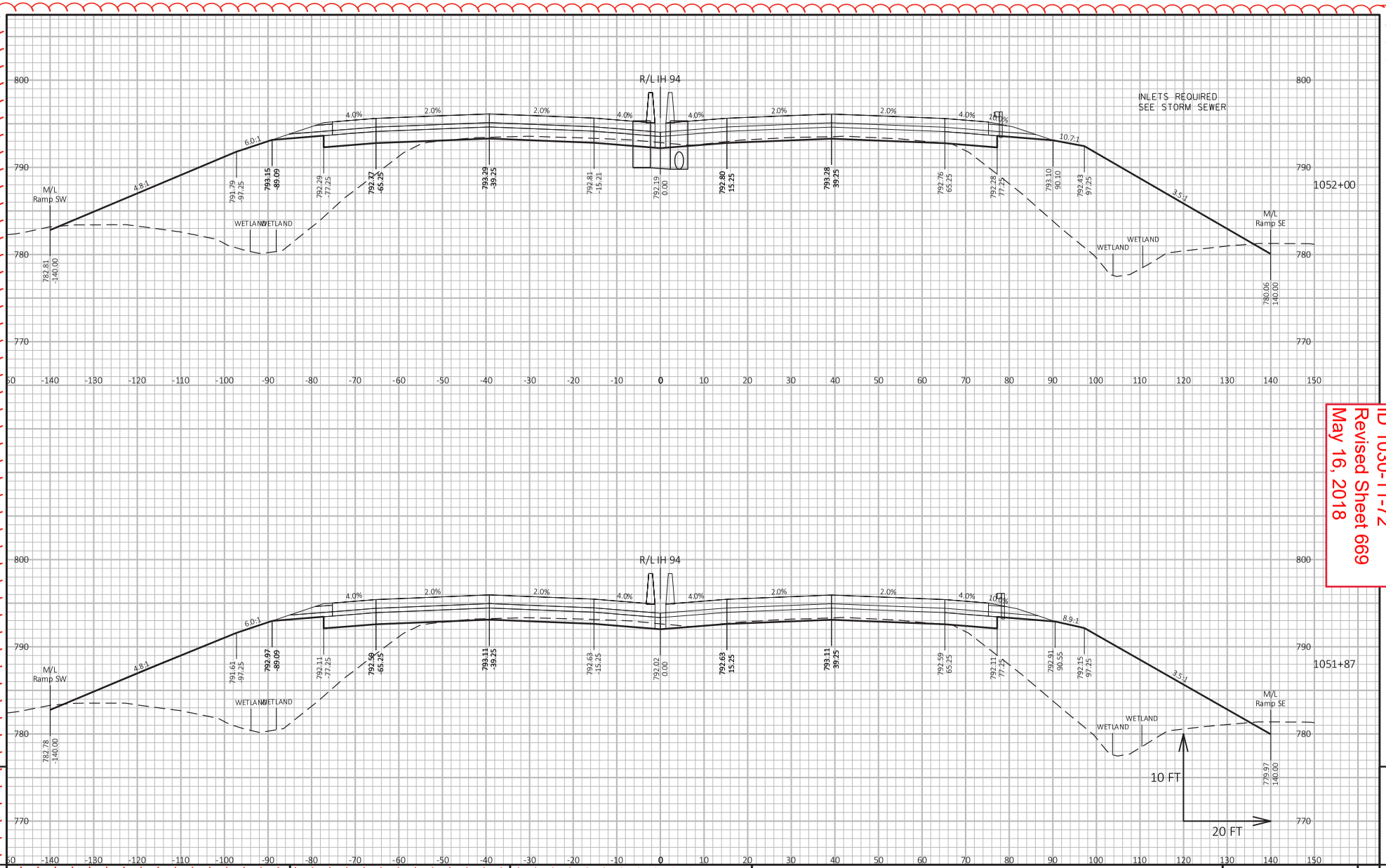
FILE NAME : X:\BM1-1644D CTH K\S_DESIGN\03_ROADS\10301172\SHEETSPLAN\090201-XS-IH 94 S.DWG
LAYOUT NAME - Section Sheet - (60)
PLOT DATE : 5/14/2018 3:23 PM
PLOT BY : ANTHONY GULAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

Addendum No. 01
ID 1030-11-72
Revised Sheet 667
May 16, 2018



Addendum No. 01
ID 1030-11-72
Revised Sheet 668
May 16, 2018






Addendum No. 01
ID 1030-11-72
Revised Sheet 669
May 16, 2018

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| PROJECT NO. | HWY. | COUNTY. | CROSS SECTIONS. | SHEET | |
|---|---|---|---|---|---|
| 1030-11-72 | IH 94/CTH K | RACINE | IH 94 S 1024+00 TO 1054+50 | 669 | E |

FILE NAME : X:\BM1-1644D CTH K\S_DESIGN\03_ROADS\10301172\SHEETSPLAN\090201-XS-IH 94 S.DWG
LAYOUT NAME - Section Sheet - (63)

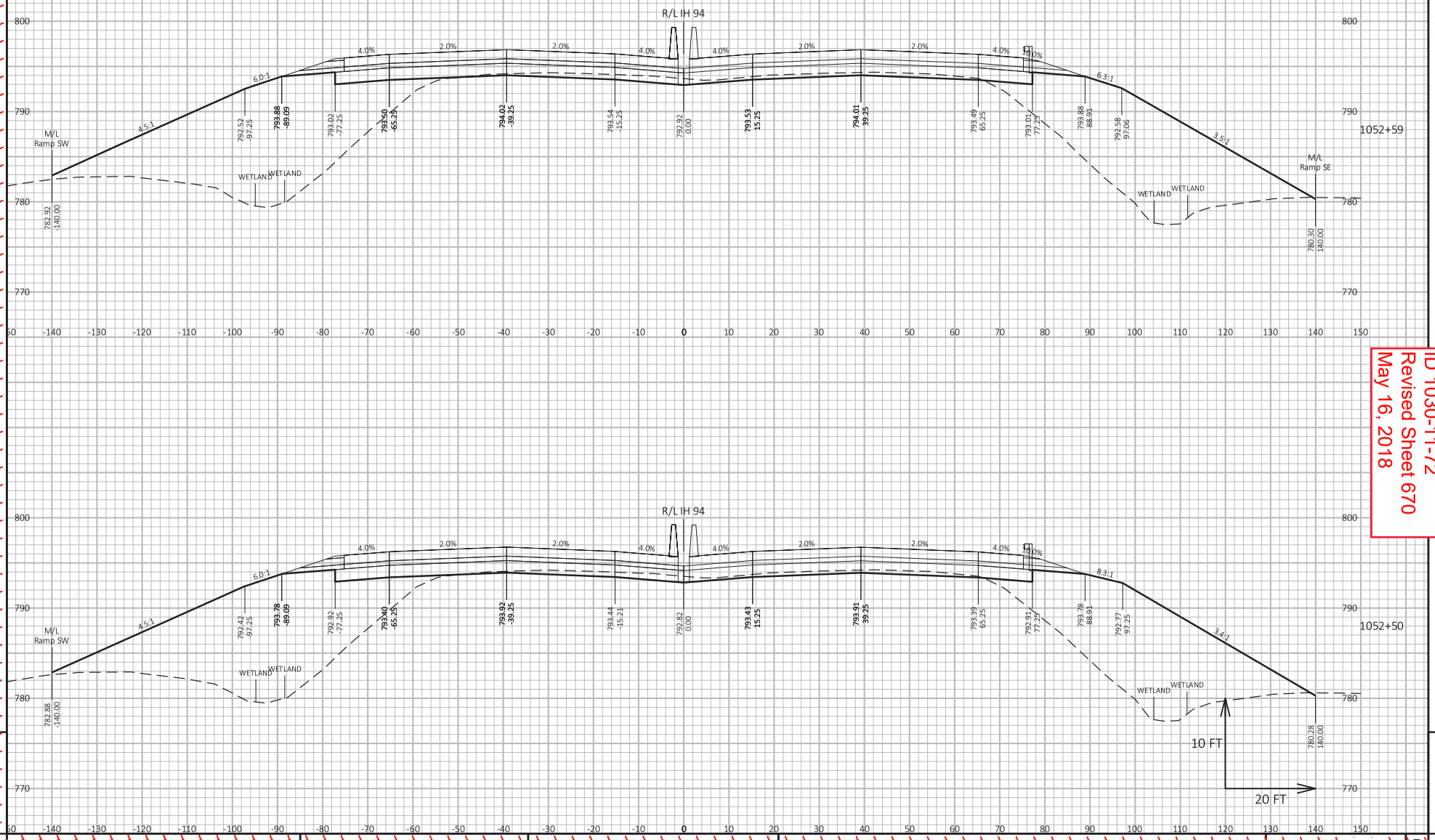
PLOT DATE : 5/14/2018 3:24 PM

PLOT BY : ANTHONY GULAN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

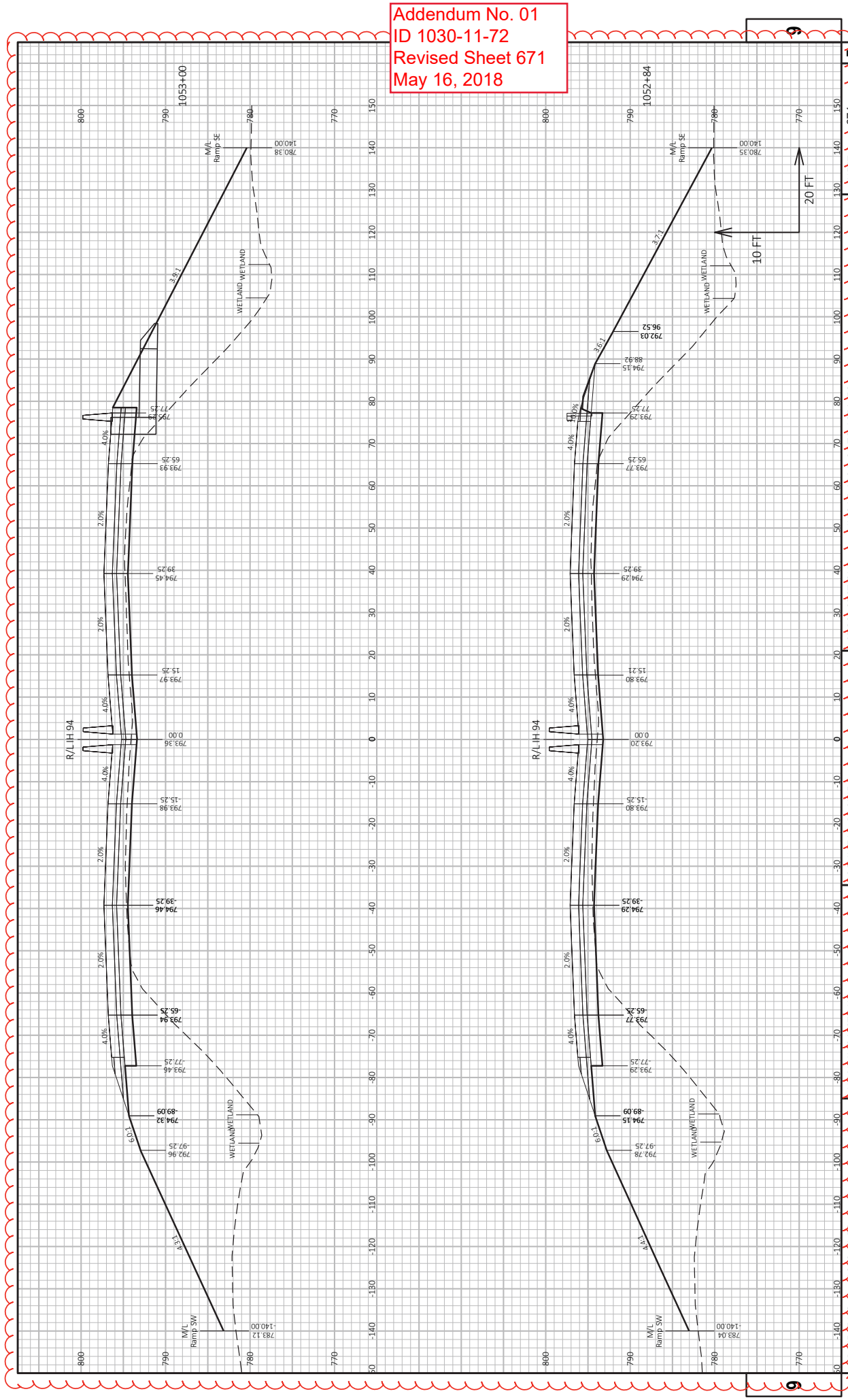


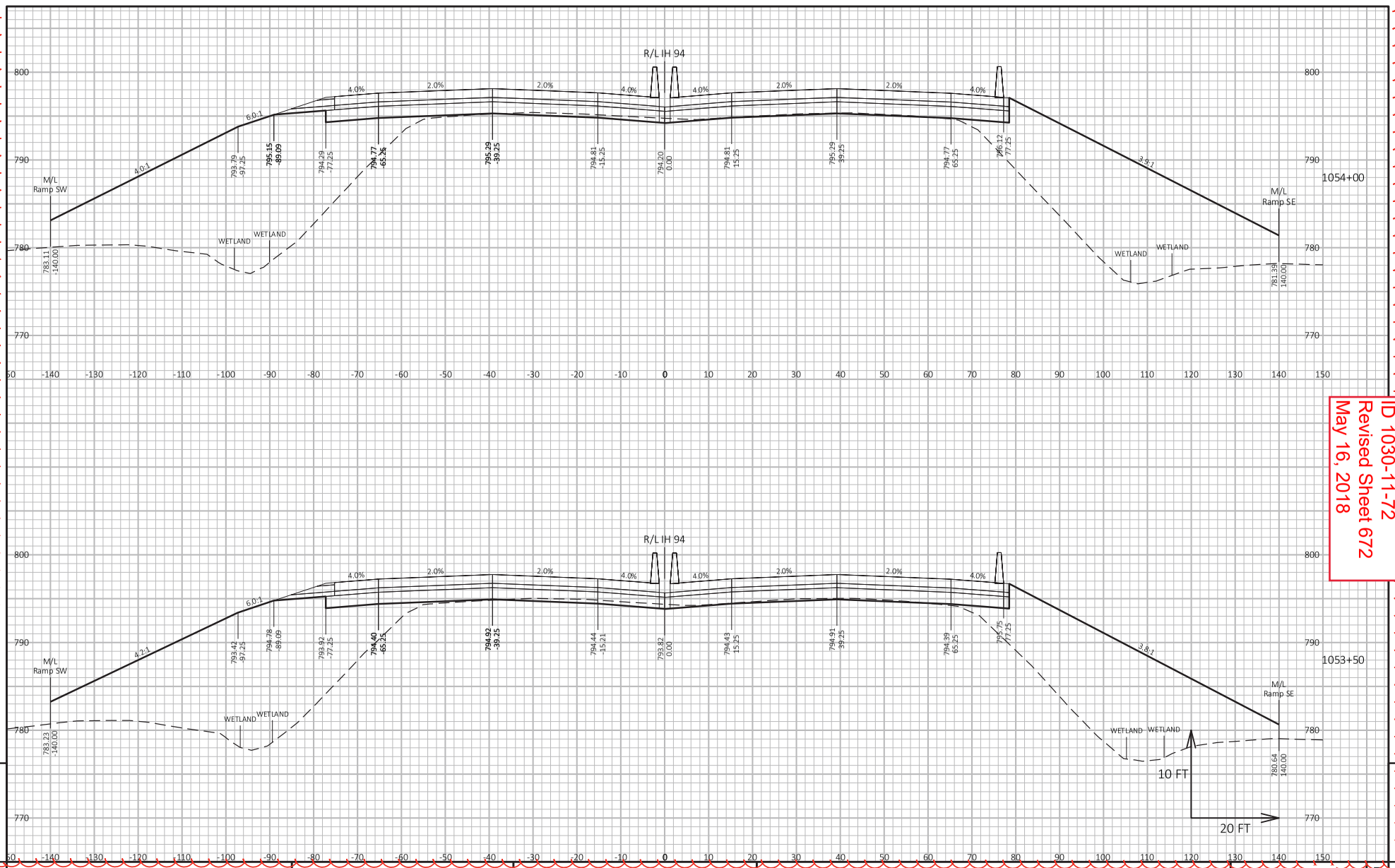

Addendum No. 01
ID 1030-11-72
Revised Sheet 670
May 16, 2018

| PROJECT NO. | HWY. | COUNTY. | CROSS SECTIONS. | SHEET |
|---|---|---|---|---|
| 1030-11-72 | IH 94/CTH K | RACINE | IH 94 S 1024+00 TO 1054+50 | 670 E |

FILE NAME : X:\BM1-1644D CTH K\S_DESIGN\03_ROADS\10301172\SHEETSPLAN\090201-XS-IH 94 S.DWG
LAYOUT NAME - Section Sheet - (64)
PLOT DATE : 5/14/2018 3:24 PM
PLOT BY : ANTHONY GULAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

Addendum No. 01
ID 1030-11-72
Revised Sheet 671
May 16, 2018





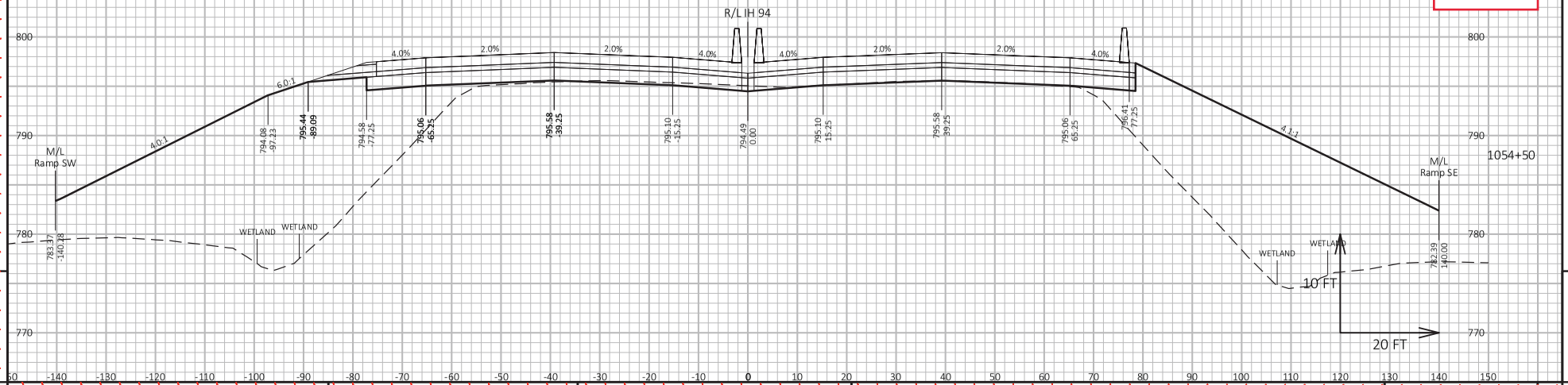

Addendum No. 01
ID 1030-11-72
Revised Sheet 672
May 16, 2018

| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | CROSS SECTIONS: IH 94 S-1024+00 TO 1054+50 | SHEET 672 | E |
|---|---|---|---|---|---|

FILE NAME : X:\BM1-1644D CTH K\S_DESIGN\03_ROADS\10301172\SHEETSPLAN\090201-XS-IH 94 S.DWG
LAYOUT NAME - Section Sheet - (66)
PLOT DATE : 5/14/2018 3:25 PM
PLOT BY : ANTHONY GULAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

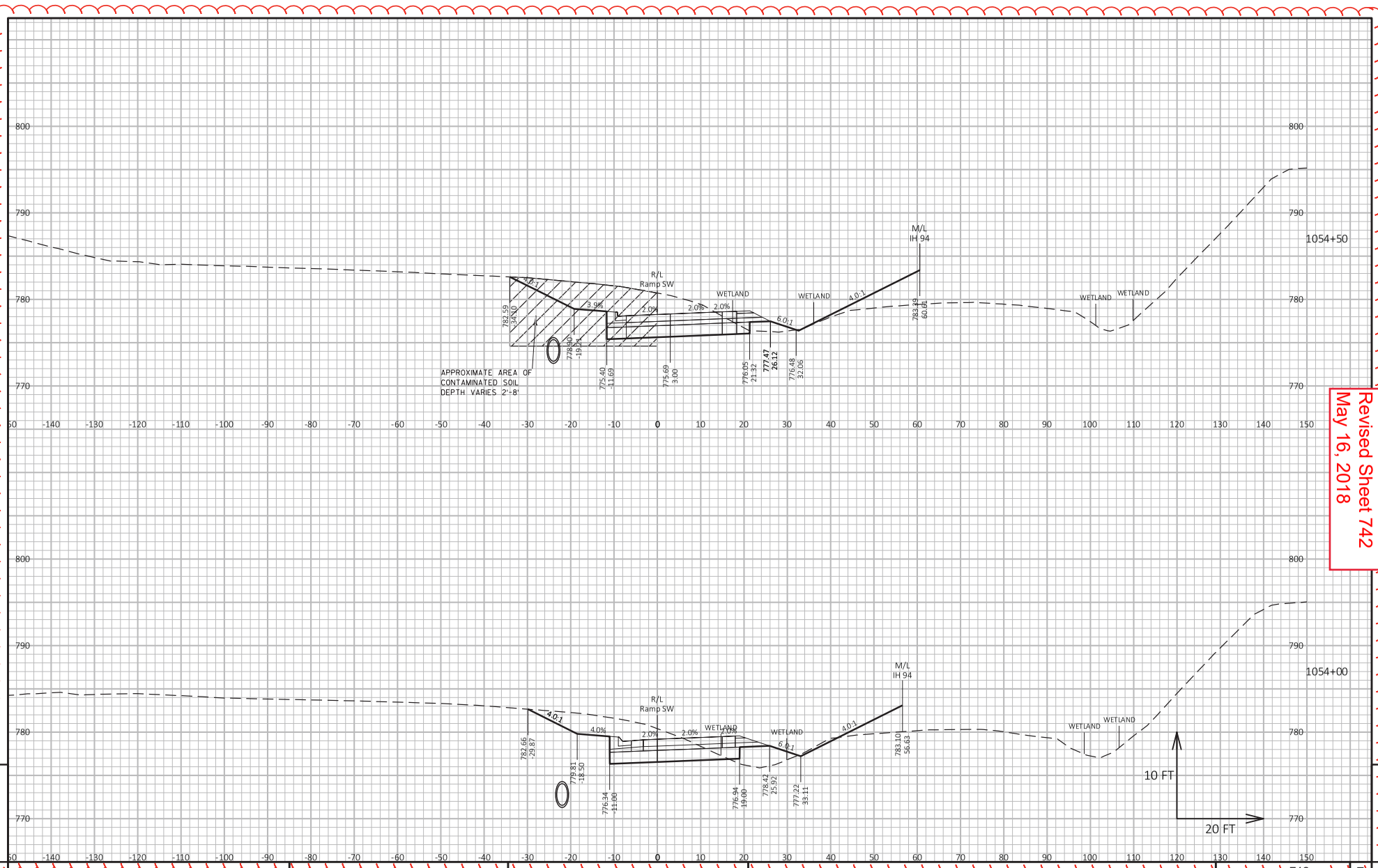
Addendum No. 01
ID 1030-11-72
Revised Sheet 673
May 16, 2018

STA 1054+77
END YARDAGE




| PROJECT NO: 1030-11-72 | HWY: IH 94/CTH K | COUNTY: RACINE | CROSS SECTIONS: IH 94 S 1024+00 TO 1054+50 | SHEET 673 |
|---|---|---|---|---|

FILE NAME : X:\BM1-1644D CTH K\S_DESIGN\03_ROADS\10301172\SHEETSPLAN\090201-XS-IH 94 S.DWG
LAYOUT NAME - Section Sheet - (67)
PLOT DATE : 5/14/2018 3:25 PM
PLOT BY : ANTHONY GULAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

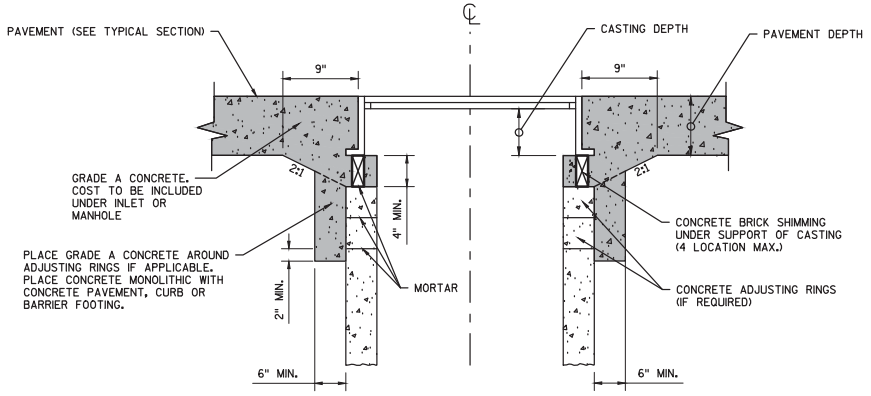



Addendum No. 01
ID 1030-11-72
Revised Sheet 742
May 16, 2018

9 9

| PROJECT NO. 1030-11-72 | HWY. IH 94/CTH K | COUNTY. RACINE | CROSS SECTIONS. RAMP SW | SHEET 742 | E |
|---|---|---|---|---|---|

FILE NAME : X:\BM1-1644D CTH K\S_DESIGN\03_ROADS\10301172\SHEETSPLAN\090201-XS-RAMP SW.DWG
LAYOUT NAME - Section Sheet - (11)
PLOT DATE : 5/14/2018 2:04 PM
PLOT BY : ANTHONY GULAN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



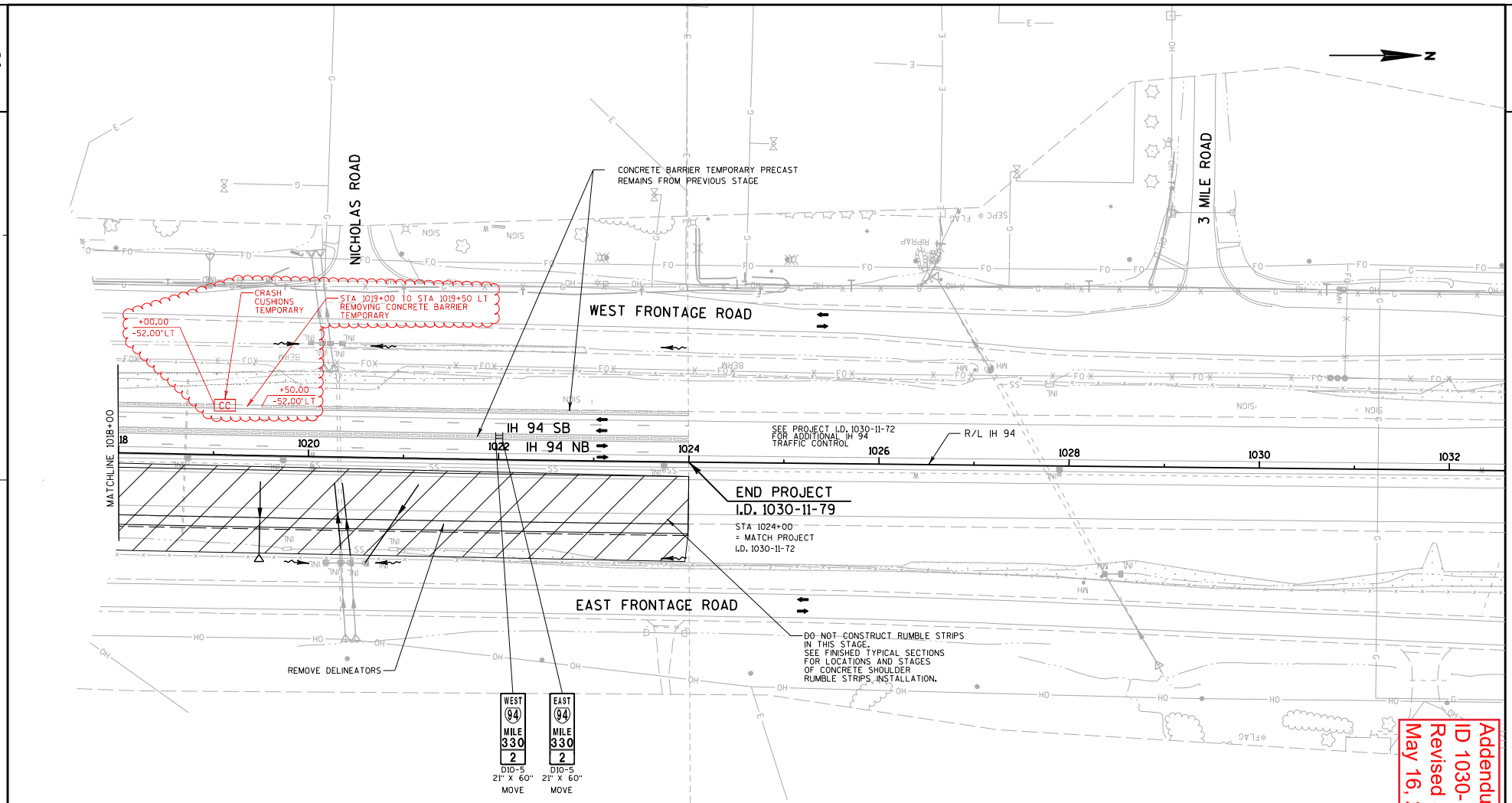

NOTES

(1) PROVIDE MONOLITHIC CONCRETE SHIMMING FOR FINAL ADJUSTMENT OF DRAINAGE STRUCTURES LOCATED WITHIN THE ROADWAY CONCRETE PAVEMENT AND CONCRETE CURB & GUTTER.

MONOLITHIC CONCRETE

## MONOLITHIC CONCRETE SHIMMING DETAIL

Addendum No. 01
ID 1030-11-79
Added Sheet 36A
May 16, 2018

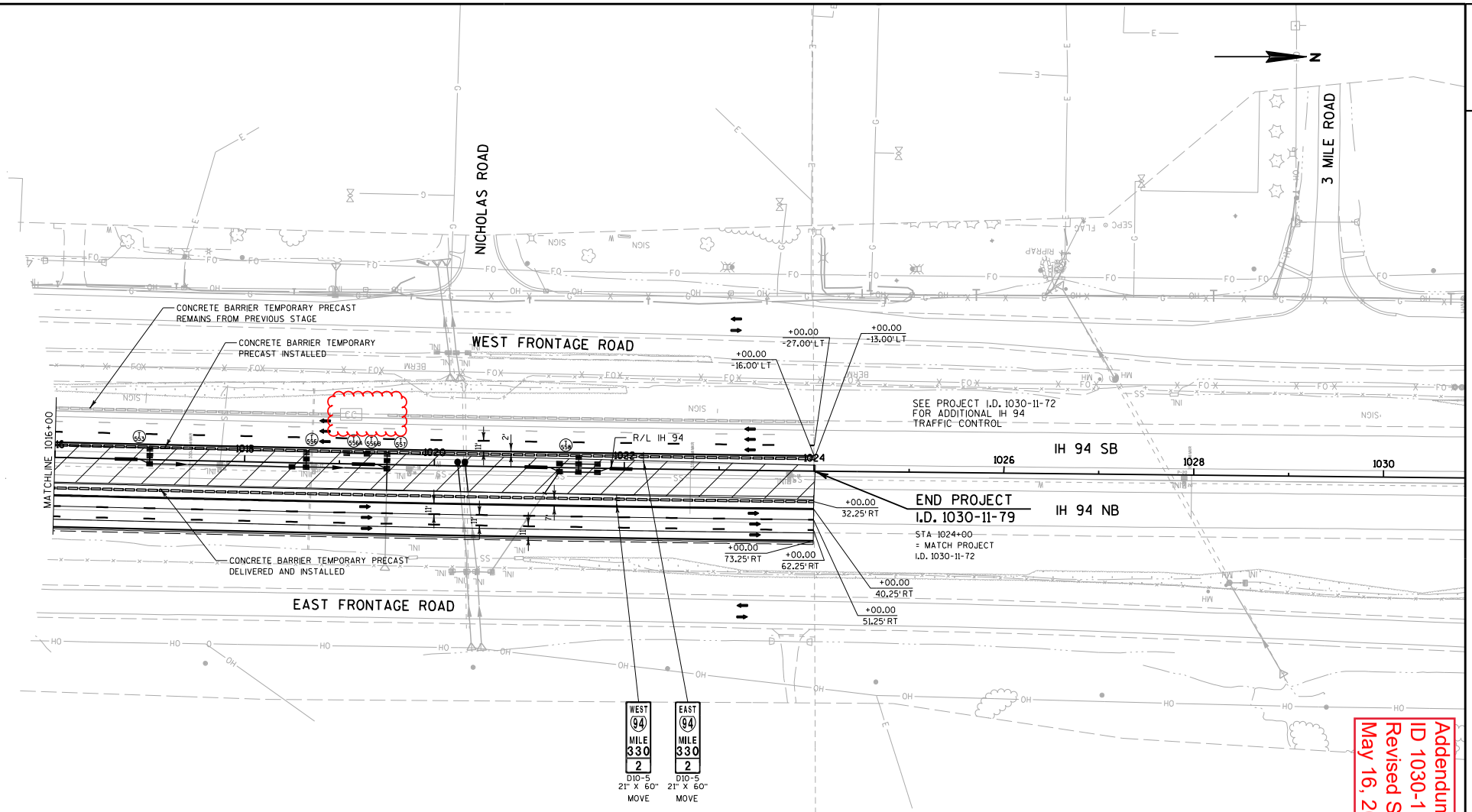



Addendum No. 01
ID 1030-11-79
Revised Sheet 92
May 16, 2018

| PROJECT NO: 1030-11-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL - STAGE 2 | SHEET 92 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\16\16MN\CDS\025032_TC2.dgn PLOT DATE : 5/2/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100

WISDOT/CADDS SHEET 42




Addendum No. 01
ID 1030-11-79
Revised Sheet 99
May 16, 2018

| PROJECT NO: 1030-11-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL - STAGE 3 | SHEET 99 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\16\16MN\CDS\025042_TC3.dgn PLOT DATE : 5/2/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100

WISDOT/CADDS SHEET 42

## CONCRETE BARRIER TEMPORARY ITEMS

| CATEGORY | STAGE | ROADWAY | LOCATION | 603.8000 CONCRETE BARRIER TEMPORARY PRECAST DELIVERED LF | 603.8125 CONCRETE BARRIER TEMPORARY PRECAST INSTALLED LF | SPV.0090.037 CONCRETE BARRIER TEMPORARY PRECAST ANCHORED ON ASPHALTIC BRIDGE OVERLAY LF | ** 204.9090.S.003 REMOVING CONCRETE BARRIER TEMPORARY LF | SPV.0090.018 MAINTAIN CONCRETE BARRIER TEMPORARY PRECAST LF | *** 614.0905 CRASH CUSHIONS TEMPORARY EACH | ** 614.0930 SALVAGED CRASH CUSHIONS EACH | SPV.0060.098 MAINTAIN CRASH CUSHIONS TEMPORARY LEFT IN PLACE EACH | SPV.0090.023 TEMPORARY GLARE SCREEN LF | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1000 | STAGE 2 | IH 94 | | -- | – | – | 7,609 | 7,659 | – | – | – | – | 204.9090.S.003 & SPV.0090.018 APPLY TO ALL TEMP. |
| | | IH 94 SB | 968+86 | -- | – | – | – | – | – | 1 | 1 | | |
| | | IH 94 SB | 1019+00-1019+50, 52' LT | -- | – | – | 50 | – | 1 | | | | |
| | | SUBTOTAL | STAGE 2 | -- | – | – | 7,659 | 7,659 | 1 | 1 | 1 | – | |
| | STAGE 3 | IH 94 | | 5,600 | 11,200 | 110 | – | – | 2 | – | – | – | ANCHOR NB OUTSIDE TEMP. BARRIER TO SB IH 94 BRIDGE B-51-27 OVER GOLF ROAD |
| | | IH 94 SB | | | 11,200 | | | | | | | | MOVE TWICE FOR SB 94 ASPHALT WEDGE |
| | | SUBTOTAL | STAGE 3 | 5,600 | 22,400 | 110 | – | – | 2 | – | – | – | |
| | STAGE 4 | IH 94 | | -- | 5,600 | – | – | – | 2 | – | – | 5,600 | INSTALL ON TEMPORARY MEDIAN BARRIER |
| | | SUBTOTAL | STAGE 4 | -- | 5,600 | – | – | – | 2 | – | – | 5,600 | |
| | STAGE 5 | IH 94 | | 900 | 900 | – | – | – | 1 | – | – | – | |
| | | SUBTOTAL | STAGE 5 | 900 | 900 | – | – | – | 1 | – | – | – | |
| | INGRESS/EGRESS | | | -- | – | – | – | – | 1 | – | – | | PLACED AT CONSTRUCTION ZONE OPENING |
| | | | | -- | – | – | – | – | 1 | – | – | | |
| | UNDISTRIBUTED | | | 650 | 2,890 | – | 766 | 766 | 2 | – | – | 1,000 | |
| | TOTAL (I.D. 1030-11-79) | | | 7,150 | 31,790 | 110 | 8,425 | 8,425 | 9 | 1 | 1 | 6,600 | |

** CATEGORY 8000
*** TL-3 CRASH TEST CONDITION: 2' WIDTH: OM-3C, 3L, OR 3R MARKING PATTERN AS APPROPRIATE

## RESTORATION ITEMS

| CATEGORY | ROADWAY | STATION | | STATION | 625.0100 TOPSOIL SY | 625.0500 SALVAGED TOPSOIL SY | 627.0200 MULCHING SY | SPV.0030.001 FERTILIZER TYPE B SPECIAL CWT | SPV.0085.002 SEEDING MIXTURE NO. 30 SPECIAL LB | 630.0200 SEEDING TEMPORARY LB |
|---|---|---|---|---|---|---|---|---|---|---|
| 1000 | IH 94 SB | | | | | | | | | |
| | | 968+00 | - | 1002+42 | 4,350 | 406 | 2,682 | 3 | 129 | 129 |
| | | 1003+52 | - | 1024+00 | – | 8,843 | 1,000 | 7 | 267 | 267 |
| 1000 | IH 94 NB | | | | | | | | | |
| | | 968+00 | - | 1002+42 | 7,440 | 13,264 | 5,704 | 14 | 560 | 560 |
| | | 1003+52 | - | 1024+00 | 3,840 | 6,349 | 8,088 | 8 | 306 | 306 |
| | UNDISTRIBUTED | | | | 3,910 | 0 | 4,370 | 10 | 320 | 320 |
| | TOTALS (ID 1030-11-79) | | | | 19,540 | 28,862 | 21,824 | 42 | 1,582 | 1,582 |

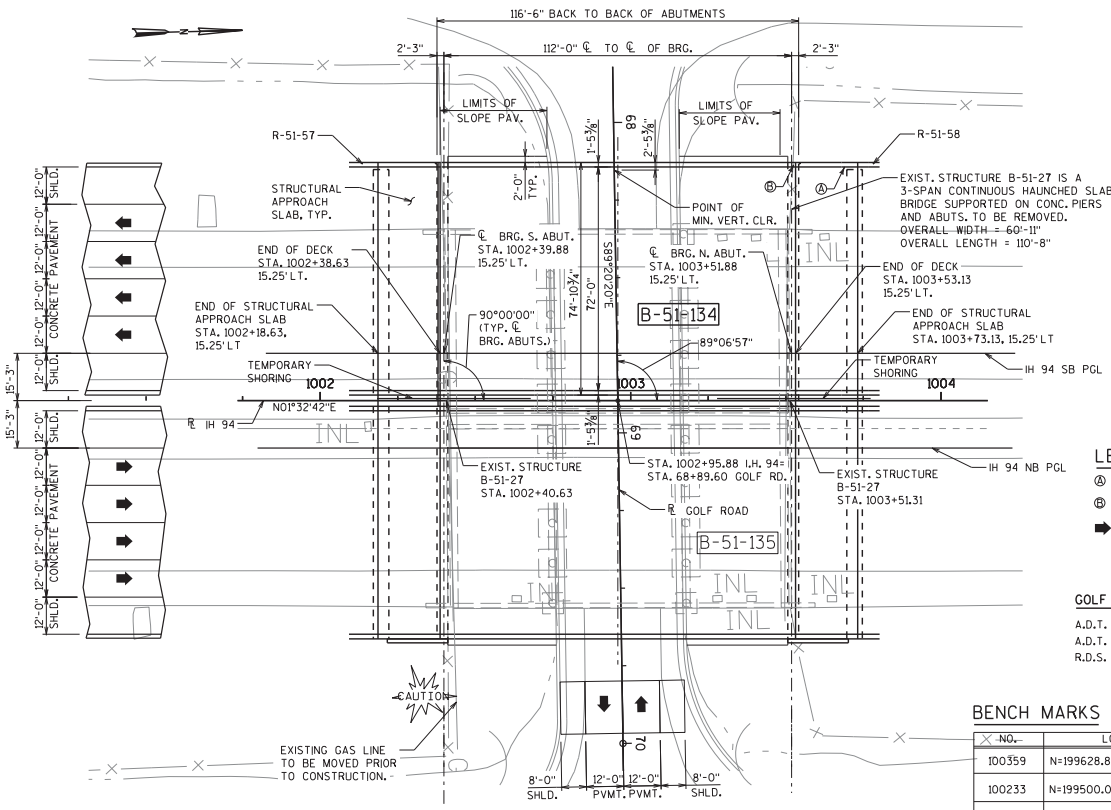
## CONCRETE BARRIER ITEMS

| CATEGORY | ROADWAY | STATION | | STATION | LOCATION | 603.1142 CONCRETE BARRIER TYPE S42 LF | 603.1442 CONCRETE BARRIER TYPE S42C LF |
|---|---|---|---|---|---|---|---|
| 1000 | IH 94 SB | | | | | | |
| | | 968+00 | - | 1002+19 | MEDIAN | 3,419 | -- |
| | | 1003+72 | - | 1024+00 | MEDIAN | 2,028 | -- |
| | | 968+00 | - | 988+58 | OUTSIDE EDGE | 2,058 | -- |
| | | 1007+74 | - | 1013+74 | OUTSIDE EDGE | 600 | -- |
| | IH 94 NB | | | | | | |
| | | 968+00 | - | 1002+19 | MEDIAN | 3,419 | -- |
| | | 1003+72 | - | 1024+00 | MEDIAN | 2,028 | -- |
| | | 968+00 | - | 972+00 | OUTSIDE EDGE | 400 | -- |
| | | 972+00 | - | 985+50 | OUTSIDE EDGE | – | 1,350 |
| | | 985+50 | - | 1002+19 | OUTSIDE EDGE | 1,669 | -- |
| | | 1003+72 | - | 1009+75 | OUTSIDE EDGE | 603 | -- |
| | TOTALS (ID 1030-11-79) | | | | | 16,224 | 1,350 |

Addendum No. 01
ID 1030-11-79
Revised Sheet 243
May 16, 2018

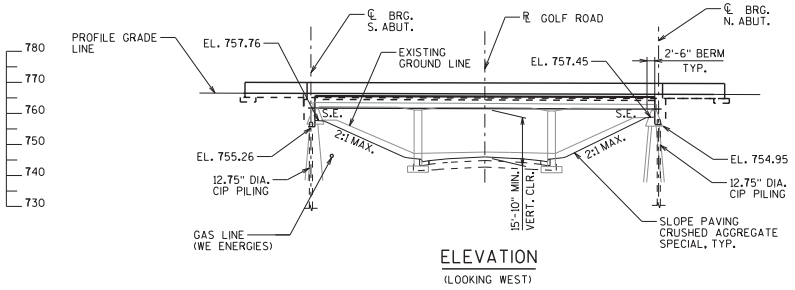
STATE PROJECT NUMBER

1030-11-79




## PLAN

(1 SPAN - 45W" PRESTRESSED GIRDERS)




## ELEVATION

(LOOKING WEST)

## LIST OF DRAWINGS


1. GENERAL PLAN & ELEVATION
2. CROSS SECTION & PROFILE GRADE LINES
3. GENERAL NOTES & QUANTITIES
4. SUBSURFACE EXPLORATION
5. SOUTH ABUTMENT
6. SOUTH ABUTMENT DETAILS (1 OF 2)
7. SOUTH ABUTMENT DETAILS (2 OF 2)
8. NORTH ABUTMENT
9. NORTH ABUTMENT DETAILS (1 OF 2)
10. NORTH ABUTMENT DETAILS (2 OF 2)
11. 45W" PRESTRESSED GIRDER
12. 45W" PRESTRESSED GIRDER DETAILS
13. SUPERSTRUCTURE FRAMING PLAN
14. STEEL DIAPHRAGM
15. PRECAST DECK PANEL PLAN
16. PRECAST DECK PANEL DETAILS (1 OF 2)
17. PRECAST DECK PANEL DETAILS (2 OF 2)
18. SUPERSTRUCTURE REINFORCEMENT PLAN
19. SUPERSTRUCTURE CROSS SECTION
20. SUPERSTRUCTURE DETAILS
21. SINGLE SLOPE PARAPET 42SS MODIFIED
22. STRUCTURAL APPROACH SLAB
23. STRUCTURAL APPROACH SLAB DETAILS
24. AESTHETIC DETAILS
25. SLOPE PAVING DETAILS


## LEGEND

Ⓐ NAME PLATE LOCATION

Ⓑ BENCH MARK CAP LOCATION

➡ DIRECTION OF TRAFFIC

## TRAFFIC DATA

| GOLF RD. | IH 94 |
|---|---|
| A.D.T. = 500 (2005) | A.D.T. = 82,333 (2018) |
| A.D.T. = 650 (2035) | A.D.T. = 110,219 (2038) |
| R.D.S. = 45 MPH | R.D.S. = 70 MPH |

## DESIGN DATA

LIVE LOAD:
DESIGN RATING: HL-93
INVENTORY RATING: RF = 1.25
OPERATIONAL RATING: RF = 2.03
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV) = 250 KIPS

STRUCTURE IS DESIGNED FOR A FUTURE WEARING SURFACE OF 20 POUNDS PER SQUARE FOOT.

MATERIAL PROPERTIES:
CONCRETE MASONRY:
- SUPERSTRUCTURE (HPC) ..... f'c = 4,000 psi
- SUBSTRUCTURE ..... f'c = 4,000 psi
- CIP CONCRETE PILING ..... f'c = 3,500 psi
- 45W-INCH PRESTRESSED GIRDERS ..... f'c = 8,000 psi

BAR STEEL REINFORCEMENT ..... fy = 60,000 psi
STAINLESS STEEL BAR REINFORCEMENT ..... fy = 60,000 psi
0.6" DIA. PRESTRESSING STRANDS ..... ULTIMATE TENSILE STRENGTH = 270,000 psi
CIPC (0.375 INCH WALL) ASTM A252, GR 3 ..... Fy = 45,000 psi

## FOUNDATION DATA

NORTH AND SOUTH ABUTMENTS TO BE SUPPORTED ON 12¾" X 0.375" CIP CONCRETE PILING DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 210* TONS PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA.

*THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN IS THE REQUIRED DRIVING RESISTANCE MULTIPLIED BY A RESISTANCE FACTOR OF 0.50 USING MODIFIED GATES TO DETERMINE DRIVEN PILE CAPACITY.

ESTIMATED PILE LENGTHS:
- SOUTH ABUTMENT ..... 95 FEET
- NORTH ABUTMENT ..... 100 FEET

DRIVE PILING TO PLAN LENGTH UNLESS THE REQUIRED BEARING IS OBTAINED AT A SHORTER LENGTH. IF THE REQUIRED BEARING IS NOT OBTAINED WHEN THE PILE IS DRIVEN TO PLAN LENGTH, CONTACT THE BUREAU OF STRUCTURES.

## BENCH MARKS

| NO. | LOCATION | | ELEVATION | DESCRIPTION |
|---|---|---|---|---|
| 100359 | N=199628.892 | E=593930.389 | 764.347 | CP BM BRIDGE DISK TOP PARAPET WALL NW CORNER I94 BRIDGE 51-28-58 OVER GOLF RD |
| 100233 | N=199500.093 | E=594048.106 | 765.112 | CP BM BRIDGE DISK TOP PARAPET WALL SE CORNER I94 BRIDGE 51-28-58 OVER GOLF RD |
| 100336 | N=199599.301 | E=594187.746 | 747.114 | CP CONC MON WITH WISDOT BRASS DISK |

STRUCTURES DESIGN CONTACTS

BRIDGE OFFICE:
WILLIAM DREHER (608) 266-8489
CONSULTANT:
MOHAMMED ZAGLOUL (414) 751-7200

Addendum No. 01
ID 1030-11-79
Revised Sheet 287
May 16, 2018

WISCONSIN
ANDREW J. ASCHENBRENNER
E-45270
RACINE
WISCONSIN
PROFESSIONAL ENGINEER
2/23/18

5/14/18

| NO. | DATE | REVISION | BY |
|---|---|---|---|

ORIGINAL PLANS PREPARED BY
KAPUR & ASSOCIATES
CONSULTING ENGINEERS
414.751.7200

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED William C. Dreher 2/23/18
CHIEF STRUCTURES DESIGN ENGINEER — DATE

# STRUCTURE B-51-134

IH 94 SOUTHBOUND OVER GOLF ROAD

| COUNTY | TOWN |
|---|---|
| RACINE | RAYMOND |

DESIGN SPEC. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

| DESIGNED BY | DESIGN CK'D. | DRAWN BY | PLANS CK'D. |
|---|---|---|---|
| AJA | MHZ | MM | MHZ |

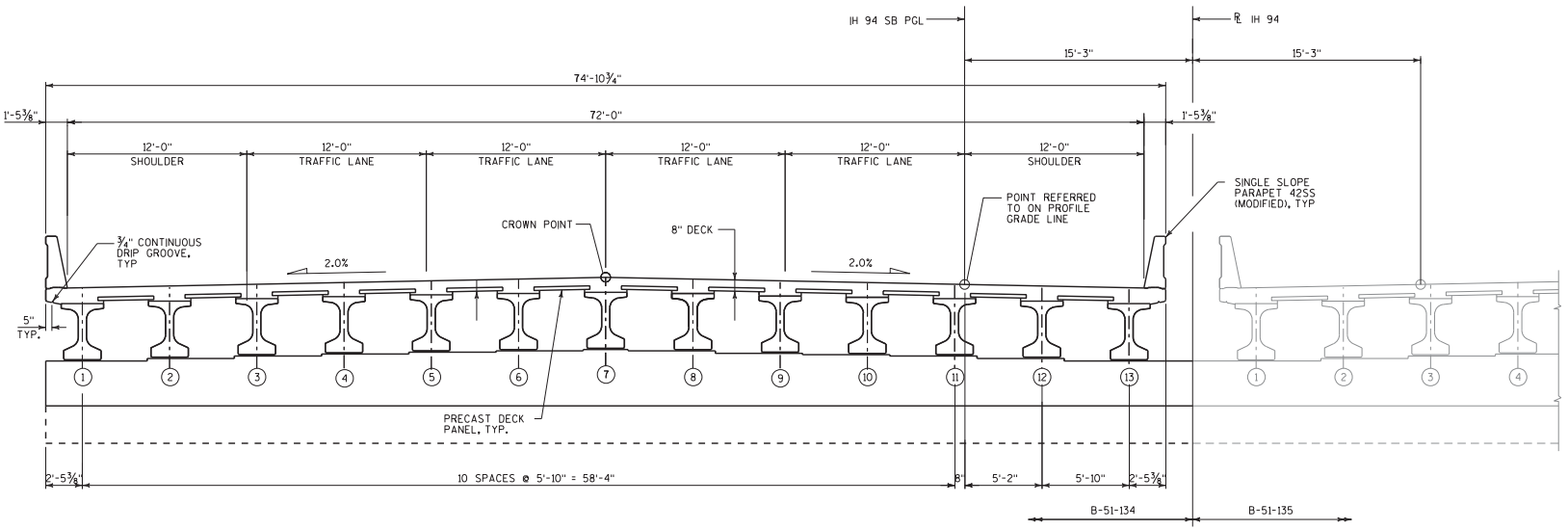
GENERAL PLAN & ELEVATION

SHEET 1 OF 25

287

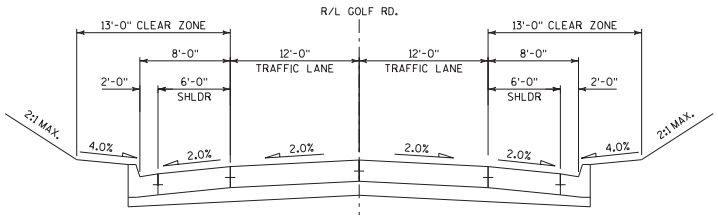
FILE NAME : S:\DOT\DOT_SE\170257_1030-20-15_I-94 N-S Fwy Racine County\Structures\B-51-134\8-Inch Deck\cds\B134-080101_gp.dgn PLOT DATE : 2/23/2018 PLOT BY : aschenbrenner PLOT NAME : $FILE$ PLOT SCALE : 1:40

| STATE PROJECT NUMBER |
|---|
| 1030-11-79 |



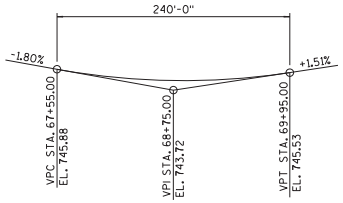

TYPICAL SECTION THRU IH 94 SB

45W" PRESTRESSED CONCRETE GIRDERS (LOOKING NORTH)

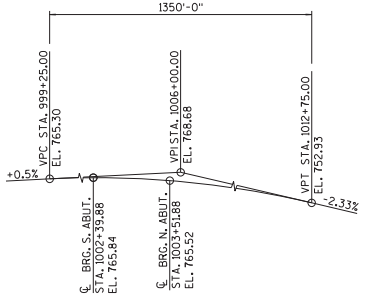



TYPICAL SECTION THRU GOLF ROAD

(LOOKING WEST)




PROFILE GRADE LINE - GOLF RD.




PROFILE GRADE LINE - SB & NB IH 94

Addendum No. 01
ID 1030-11-79
Revised Sheet 288
May 16, 2018

William C. Dachenbrenner
5/14/18

| NO. | DATE | REVISION | BY |
|---|---|---|---|

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-51-134

DRAWN BY AJA | PLANS CK'D. MHZ

CROSS SECTION & PROFILE GRADE LINES

SHEET 2 OF 25

288

8

8

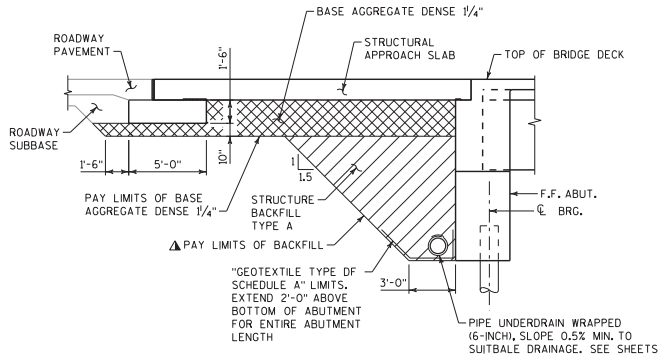
FILE NAME : S:\DOT\DOT_SE\170257_1030-20-15_I-94 N-S Fwy Racine County\Structures\B-51-134\8-Inch Deck\cds\B134-080102_ts.dgn PLOT DATE : 2/23/2018 PLOT BY : daschenbrenner PLOT NAME : $FILE$ PLOT SCALE : 1:8

| STATE PROJECT NUMBER |
|---|
| 1030-11-79 |

## TOTAL ESTIMATED QUANTITIES

| ITEM NO. | BID ITEMS | UNIT | SOUTH APPROACH SLAB | SOUTH ABUTMENT | NORTH ABUTMENT | NORTH APPROACH SLAB | SUPER. | TOTAL |
|---|---|---|---|---|---|---|---|---|
| 203.0200.002 | REMOVING OLD STRUCTURE STA. 1003+00, 15FT LT | LS | - | - | - | - | - | 1 |
| 203.0210.S.001 | ABATEMENT OF ASBESTOS CONTAINING MATERIAL B-51-27 | LS | - | - | - | - | - | 1 |
| 206.1000.001 | EXCAVATION FOR STRUCTURES BRIDGES B-51-134 | LS | - | - | - | - | - | 1 |
| 210.1500 | BACKFILL STRUCTURE TYPE A | TON | - | 326 | 326 | - | - | 652 |
| 305.0125 | BASE AGGREGATE DENSE 1 1/4-INCH | CY | 140 | - | - | 140 | - | 280 |
| 501.1000.S | ICE HOT WEATHER CONCRETING | LB | 758 | 458 | 458 | 758 | 2,220 | 4,652 |
| 502.0100 | CONCRETE MASONRY BRIDGES | CY | 21 | 61 | 61 | 21 | - | 164 |
| 502.3200 | PROTECTIVE SURFACE TREATMENT | SY | 160 | - | - | 160 | 955 | 1,275 |
| 502.3210 | PIGMENTED SURFACE SEALER | SY | 20 | - | - | 20 | 113 | 153 |
| 503.0146 | PRESTRESSED GIRDER TYPE 145W-INCH | LF | - | - | - | - | 1,469 | 1,469 |
| 505.0600 | BAR STEEL REINFORCEMENT HS COATED STRUCTURES | LB | 15,930 | 4,520 | 4,520 | 15,930 | 37,330 | 78,230 |
| 505.0800.S | BAR STEEL REINFORCEMENT HS STAINLESS STRUCTURES | LB | - | - | - | - | 2,580 | 2,580 |
| 506.2605 | BEARING PADS ELASTOMERIC NON-LAMINATED | EACH | - | 13 | 13 | - | - | 26 |
| 506.4000.006 | STEEL DIAPHRAGMS B-51-134 | EACH | - | - | - | - | 24 | 24 |
| 516.0500 | RUBBERIZED MEMBRANE WATERPROOFING | SY | - | 19 | 19 | - | - | 38 |
| 517.1010.S.405 | CONCRETE STAINING B-51-134 | SF | 110 | 354 | 354 | 110 | 1,472 | 2,400 |
| 550.0600 | PILE REDRIVING | EACH | - | 3 | 3 | - | - | 6 |
| 550.2126 | PILING CIP CONCRETE 12 3/4 X 0.375-INCH | LF | - | 1,425 | 1,500 | - | - | 2,925 |
| 612.0206 | PIPE UNDERDRAIN UNPERFORATED 6-INCH | LF | - | 20 | 20 | - | - | 40 |
| 612.0406 | PIPE UNDERDRAIN WRAPPED 6-INCH | LF | - | 80 | 80 | - | - | 160 |
| 645.0111 | GEOTEXTILE TYPE DF SCHEDULE A | SY | - | 73 | 73 | - | - | 146 |
| SPV.0035.400 | HPC MASONRY STRUCTURES | CY | 80 | - | - | 80 | 296 | 456 |
| SPV.0090.403 | CORING TIMBER PILES | LF | - | 15 | 15 | - | - | 30 |
| SPV.0165.401 | LONGITUDINAL GROOVING BRIDGE DECK | SF | 1,440 | - | - | 1,440 | 8,244 | 11,124 |
| SPV.0165.475 | PARTIAL DEPTH PRECAST PRESTRESSED CONCRETE DECK PANEL B-51-134 | SF | - | - | - | - | 4,829 | 4,829 |
| SPV.0180.400 | SLOPE PAVING CRUSHED AGGREGATE SPECIAL | SY | - | 313 | 328 | - | - | 641 |
| | | | | | | | | |
| | NON-BID ITEMS | | | | | | | |
| | PREFORMED JOINT FILLER | SIZE | - | - | - | - | - | ¾", 1", 1½" |
| | NON-BITUMINOUS JOINT FILLER | SIZE | - | - | - | - | - | 1/2" |
| | CORK FILLER | SIZE | - | - | - | - | - | 3/4" |
| | NAME PLATE | EACH | - | - | - | - | - | 1 |

ALL ITEMS ARE CATEGORY 2000




BACKFILL LIMITS

DIMENSIONS ARE MEASURED NORMAL TO ABUTMENT

## GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

BAR STEEL REINFORCEMENT WILL BE PLACED WITH 2" OF CLEAR CONCRETE COVER UNLESS OTHERWISE NOTED.

THE SLOPE OF THE FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH SLOPE PAVING MATERIAL TO THE EXTENT SHOWN ON SHEET 1 AND IN THE SLOPE PAVING DETAILS.

BEVEL EXPOSED EDGES OF CONCRETE ¾" UNLESS OTHERWISE NOTED.

ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED.

COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS), RACINE COUNTY ZONE, NAD 1983 (87). ALL STATIONS AND ELEVATIONS ARE IN FEET. ELEVATIONS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF NAVD 88 (91).

THE UTILITY INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL-INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE. UTILITIES LABELED AS PROPOSED MAY BE INSTALLED BY OTHERS PRIOR TO THIS CONTRACT.

THE FIRST DIGIT OF A THREE DIGIT BAR MARK OR THE FIRST TWO DIGITS OF A FOUR DIGIT BAR MARK SIGNIFY THE BAR SIZE.

THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES BRIDGES B-51-134" SHALL BE THE EXISTING GROUNDLINE.

AT THE BACK FACE OF ABUTMENT ALL VOLUME WHICH CANNOT BE PLACED BEFORE ABUTMENT CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH STRUCTURE BACKFILL.

⚠ BACKFILL BEYOND BACKFILL PAY LIMITS SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES. LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR.

EXCAVATION BELOW THE ABUTMENT AND ABUTMENT BEDDING MATERIALS REQUIRES ENGINEER APPROVAL. GEOTEXTILE SHALL BE SET AT THE BOTTOM OF EXCAVATION AND EXTEND 2'-0" ABOVE BOTTOM OF ABUTMENT.

THE AVERAGE HAUNCH IS SHOWN ON THE PRESTRESSED GIRDER DETAIL SHEET. THE GROUT ON THE TOP FLANGE OF GIRDERS IS TO BE INCLUDED IN THE BID ITEM "PARTIAL DEPTH PRECAST PRESTRESSED CONCRETE DECK PANELS B-51-134".

THE PARAPET CONCRETE QUANTITY FOR SINGLE SLOPE PARAPET 42SS MODIFIED SHALL BE PAID FOR UNDER BID ITEM "HPC MASONRY STRUCTURES".

THE EXISTING BRIDGE B-51-27 IS A 3-SPAN CONTINUOUS HAUNCHED SLAB STRUCTURE. THE EXISTING BRIDGE WILL BE PARTIALLY REMOVED FOR THE CONSTRUCTION OF BRIDGE B-51-135. THE ENTIRE STRUCTURE WILL BE REMOVED IN ACCORDANCE WITH PROJECT CONSTRUCTION STAGING PLANS.

THE CONTRACTOR MUST COORDINATE THE CONSTRUCTION OF BRIDGE B-51-134 ABUTMENTS WITH CONSTRUCTION OF RETAINING WALLS R-51-57 AND R-51-58.

PILE SPLICES SHALL BE MADE BY A CERTIFIED WELDER.

APPLY PIGMENTED SURFACE SEALER TO THE TOP & INSIDE FACE OF PARAPETS ON THE BRIDGE & APPROACH SLAB.

APPLY PROTECTIVE SURFACE TREATMENT TO THE BRIDGE DECK, PAVING NOTCH AND APPROACH SLAB.

EXISTING SOILS SURROUNDING EXISTING PILING MAY BE CONTAMINATED. SEE SPECIAL PROVISIONS "EXCAVATION, HAULING, AND DISPOSAL OF CREOSOTE CONTAMINATED SOIL". REMOVAL OF CONTAMINATED SOIL IS PAID FOR UNDER ROADWAY BID ITEMS.

TEMPORARY SHORING TO BE CONSTRUCTED AND PAID FOR UNDER BRIDGE B-51-135.

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ID 1030-11-79
Revised Sheet 289
May 16, 2018

William C. Dreher
5/14/18

| NO. | DATE | REVISION | BY |
|---|---|---|---|
| | | | |

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-51-134

DRAWN BY AJA | PLANS CK'D. MHZ

GENERAL NOTES & QUANTITIES

SHEET 3 OF 25

289

8

8

FILE NAME : S:\DOT\DOT_SE\170257_1030-20-15_I-94 N-S Fwy Racine County\Structures\B-51-134\8-Inch Deck\cds\B134-080103_qu.dgn PLOT DATE : 2/23/2018 PLOT BY : aschenbrenner PLOT NAME : $FILE$ PLOT SCALE : 1:8

## NOTE:

THE SUBSURFACE INFORMATION PRESENTED HEREIN IS AN ABBREVIATED VERSION OF THE INFORMATION PRESENTED IN THE GEOTECHNICAL ENGINEERING REPORT. REVIEW THE APPROPRIATE GEOTECHNICAL REPORT AND SOIL BORING LOGS FOR ADDITIONAL SUBSURFACE INFORMATION.

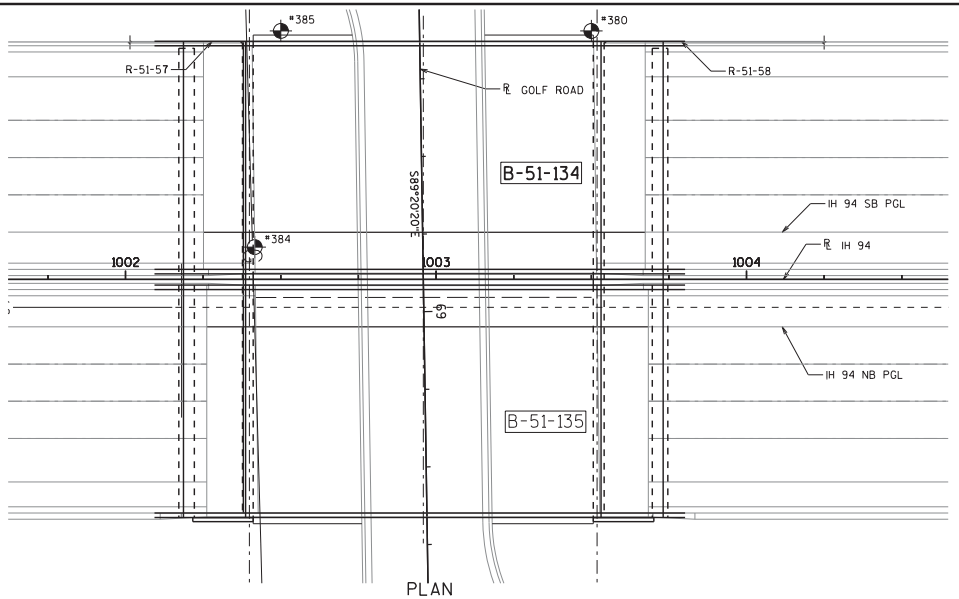
BORING STATIONS AND OFFSETS ARE BASED ON I.H. 94 / U.S.H. 41 ℄.

SOIL BORINGS COMPLETED BY:
GESTRA ENGINEERING, INC.

SOIL BORING TAKEN:
OCTOBER 22, 2008 - BORING R-380
OCTOBER 28, 2008 - BORING R-384
OCTOBER 22, 2008 - BORING R-385

## LEGEND:

DENOTES SOIL BORING LOCATION




PLAN
(1 SPAN - 45W" PRESTRESSED GIRDERS)

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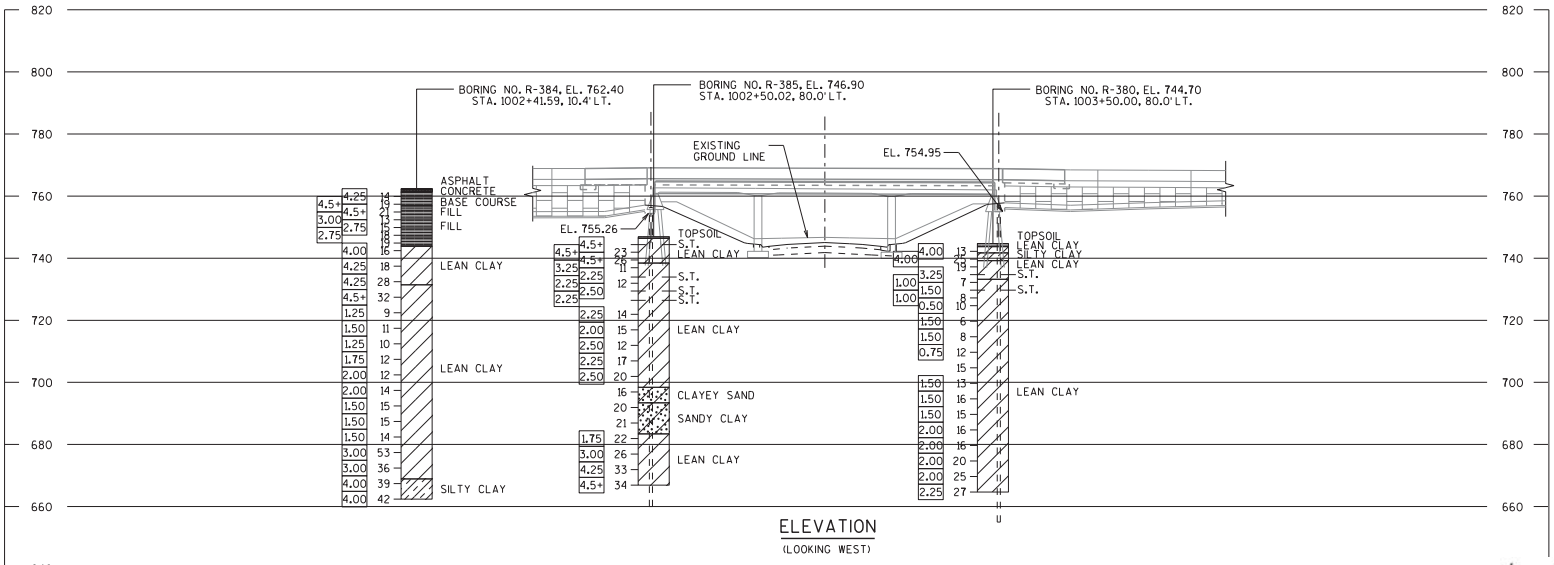



ELEVATION
(LOOKING WEST)

William C. Duchac
5/14/18

STATE PROJECT NUMBER

1030-11-79

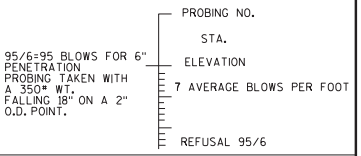
ABBREVIATIONS

F — FINE M — MEDIUM C — COARSE
WS — WEATHERED SO — SOUND

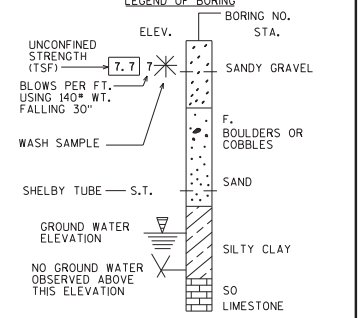
MATERIAL SYMBOLS

TOPSOIL / FILL, SILT, SANDSTONE
SAND, PEAT, LIMESTONE
GRAVEL, CLAY, IGNEOUS ROCK

LEGEND OF PROBING




LEGEND OF BORING




UNLESS OTHERWISE SPECIFIED, THE BLOWS PER FOOT AT THE LOCATIONS INDICATED ARE BASED ON DRIVING A 2" O.D. X 1.4" I.D. SPLIT SPOON SAMPLER WITH A 140# HAMMER HAVING A FREE FALL OF 30". THE BLOW COUNT IS TAKEN IN UNDISTURBED SOIL IMMEDIATELY BELOW A CASED OR OPEN HOLE ELIMINATING SIDE FRICTION ON THE DRIVE PIPE.

SUBSURFACE EXPLORATION FOR FOUNDATION DESIGN AND BIDDERS INFORMATION

TO OBTAIN RELATIVE DATA CONCERNING THE CHARACTER OF MATERIAL IN AND UPON WHICH THE FOUNDATION MIGHT BE BUILT, BORINGS AND/OR SOUNDINGS WERE MADE AT POINTS APPROXIMATELY AS INDICATED ON THIS DRAWING. THE DATA PRESENTED HEREIN REPRESENTS THE FINDINGS OF THE SUBSURFACE EXPLORATIONS MADE. HOWEVER, BECAUSE THE DEPTHS INVESTIGATED ARE LIMITED AND THE AREA OF THE BORINGS AND/OR SOUNDINGS IS VERY SMALL IN RELATION TO THE ENTIRE AREA, THE WISCONSIN DEPARTMENT OF TRANSPORTATION DOES NOT WARRANT CONDITIONS BELOW THE DEPTHS INVESTIGATED OR THAT THE CLASSIFICATION OF MATERIAL ENCOUNTERED IN THESE INVESTIGATIONS IS NECESSARILY TYPICAL OF THE ENTIRE SITE.

| NO. | DATE | REVISION | BY |
|---|---|---|---|

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-51-134

DRAWN BY MM | PLANS CK'D. MHZ

SUBSURFACE EXPLORATION

SHEET 4 OF 25

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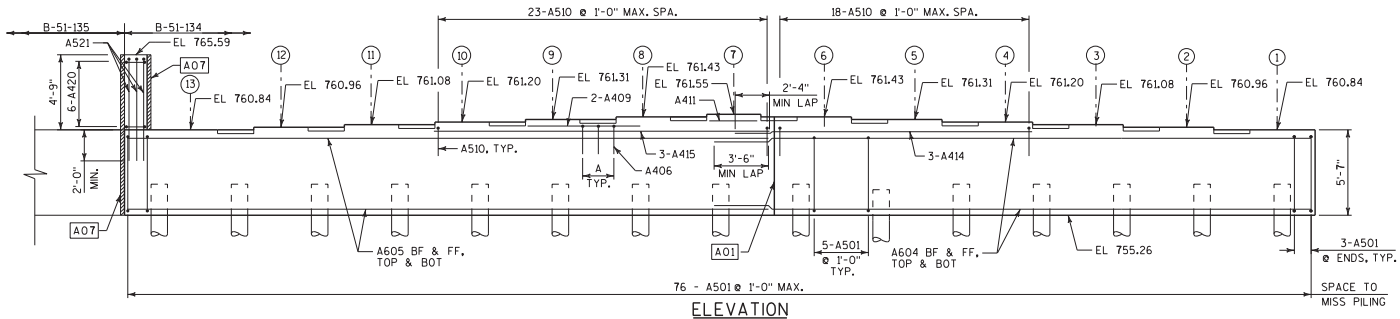
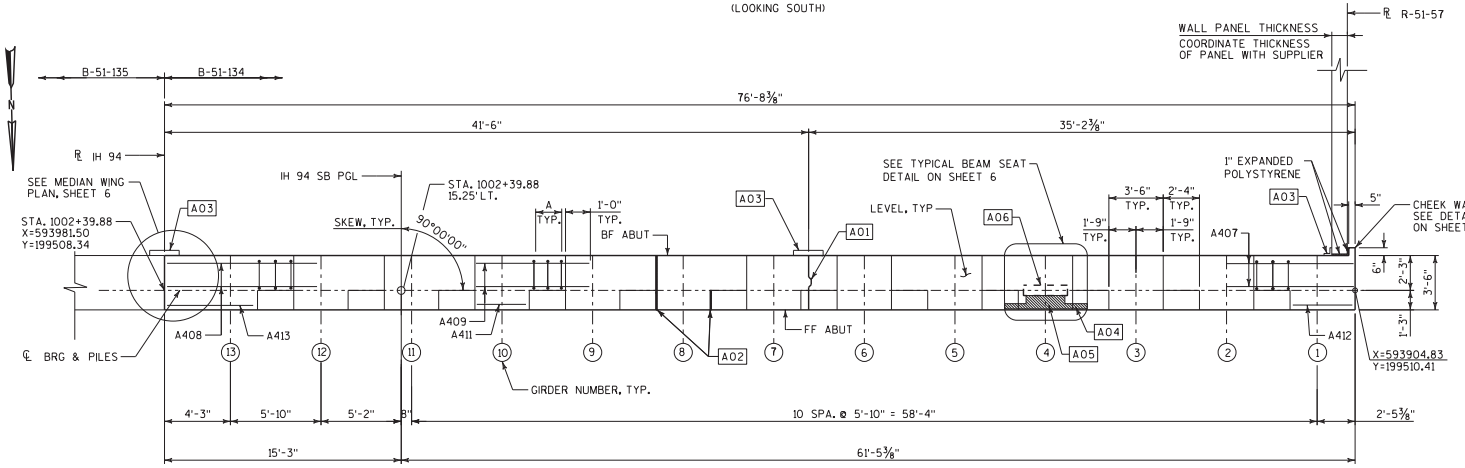
FILE NAME : S:\DOT\DOT_SE\170257_1030-20-15_I-94 N-S Fwy Racine County\Structures\B-51-134\8-Inch Deck\cds\B134-080201_se.dgn PLOT DATE : 2/23/2018 PLOT BY : aschenbrenner PLOT NAME : $FILE$ PLOT SCALE : 1:40

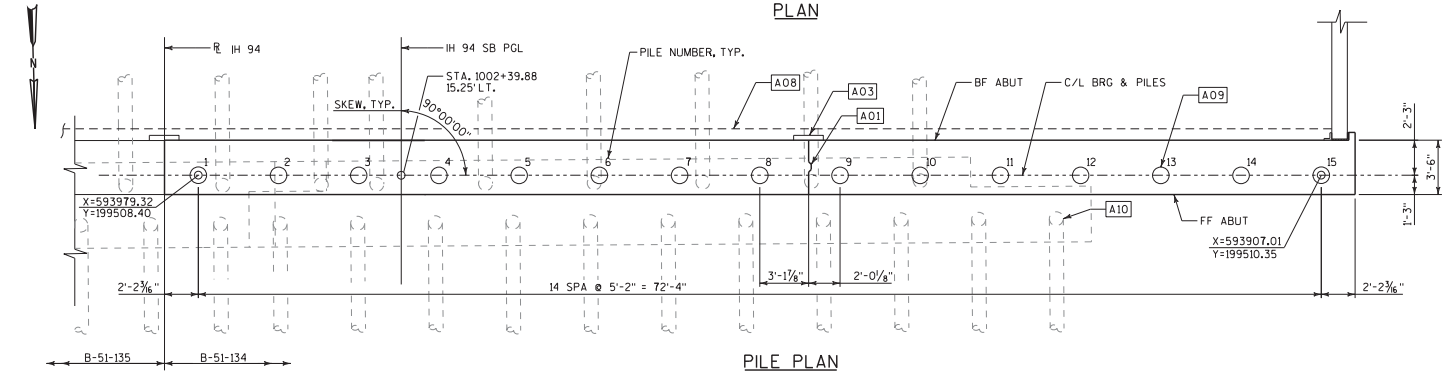
| STATE PROJECT NUMBER |
|---|
| 1030-11-79 |




ELEVATION
(LOOKING SOUTH)




PLAN




PILE PLAN

## LEGEND:

- A01 KEYED CONSTRUCTION JOINT FORMED BY A BEVELED 2" X 8". REINFORCEMENT EXTENDS THROUGH JOINT.
- A02 ¾" CORK FILLER UP VERTICAL FACES OF BEAM SEATS, TYP.
- A03 18" RUBBERIZED MEMBRANE WATERPROOFING. SEAL ALL HORIZONTAL AND VERTICAL JOINTS ON BACKFACE OF ABUTMENTS.
- A04 4" X ¾" FILLER, TYP. RUN FULL LENGTH OF ABUTMENT.
- A05 ¾" FILLER UNDER GIRDERS, TYP.
- A06 ½" THICK X 8" X 2'-10" ELASTOMERIC BEARING PAD, TYP.
- A07 SEAL ALL EXPOSED HORIZ. & VERT. SURFACES OF ½" FILLER NON-BITUMINOUS JOINT SEALER. (1" DEEP AND HOLD ⅛" BELOW SURFACE OF CONCRETE).
- A08 PIPE UNDERDRAIN WRAPPED, 6-INCH. SLOPE 0.5% MIN. CONNECT TO PIPE UNDERDRAIN AT MSE WALL R-51-57.
- A09 SUPPORT ABUTMENT ON 12¾" DIAMETER, 0.375" WALL CIP CONCRETE PILING DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 210 TONS PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA. ESTIMATED PILE LENGTH = 95 FEET
- A10 EXISTING PILES SUPPORTING EXISTING ABUTMENTS ARE SHOWN PER AS-BUILT PLANS. THE INTENT IS TO DRIVE NEW PLAN PILES FOR NEW ABUTMENT WITHOUT REMOVING OR EXTRACTING EXISTING PILES. IF NEEDED, CORE THROUGH THE EXISTING TIMBER PILING IN ACCORDANCE WITH THE SPECIAL PROVISIONS, TO BE PAID FOR UNDER THE BID ITEM "CORING TIMBER PILES." REMOVE ENTIRE EXISTING ABUTMENT AND CUT EXISTING PILES AT BOTTOM OF NEW ABUTMENT ELEVATION.

◯ 12¾" DIAMETER, 0.375" WALL CIP CONCRETE PILING.

Ⓧ GIRDER NUMBER

A - 3 - A406 EQ. SPA. BETWEEN GIRDER SEATS, TYP.

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ID 1030-11-79
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May 16, 2018

## NOTES

FOR TYPICAL SECTION THRU ABUTMENT BODY SEE SHEET 6.

FOR REINFORCEMENT BILL OF BARS SEE SHEET 6.

FOR ALTERNATE CONSTRUCTION JOINT & PILE DETAILS, SEE SHEET 7.

| NO. | DATE | REVISION | BY |
|---|---|---|---|

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-51-134

DRAWN BY AJA | PLANS CK'D. MHZ

William C. Dachel
5/14/18

SOUTH ABUTMENT

SHEET 5 OF 25

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8

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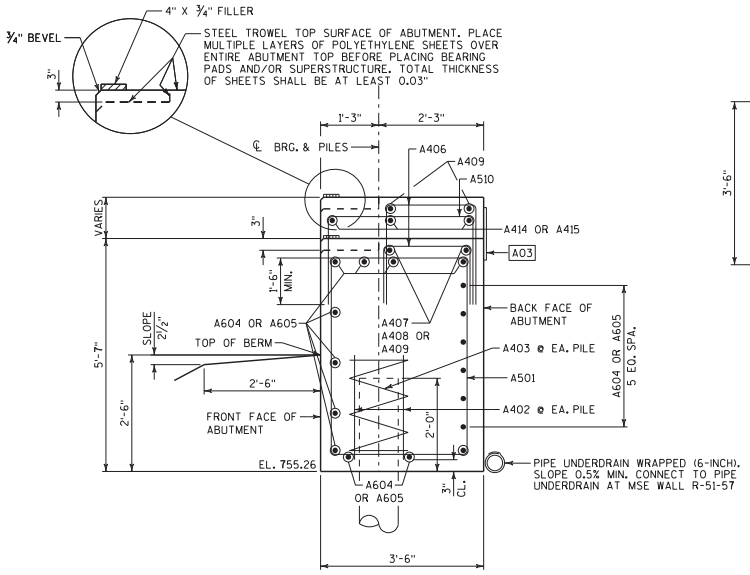
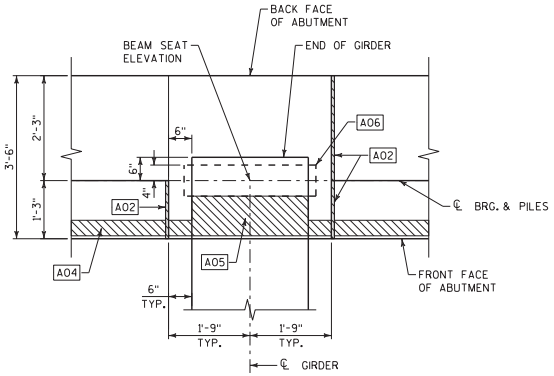
FILE NAME : S:\DOT\DOT_SE\170257_1030-20-15_I-94 N-S Fwy Racine County\Structures\B-51-134\8-Inch Deck\cds\B134-080301_ab.dgn PLOT DATE : 2/23/2018 PLOT BY : daschenbrenner PLOT NAME : $FILE$ PLOT SCALE : 1:8

| STATE PROJECT NUMBER |
|---|
| 1030-11-79 |




SECTION THRU ABUTMENT BODY

(LOOKING EAST)

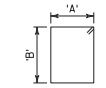



TYPICAL BEAM SEAT DETAIL

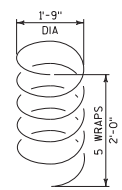
## BILL OF BARS

| BAR MARK | COAT | NO REQ'D | LENGTH | BENT | BAR SERIES | LOCATION |
|---|---|---|---|---|---|---|
| A501 | X | 76 | 16'-9" | X | - | ABUTMENT BODY STIRRUPS |
| A402 | X | 30 | 2'-3" | - | - | ABUTMENT BODY AT PILE - VERT. |
| A403 | X | 15 | 28'-0" | X | - | ABUTMENT BODY AT PILE - SPIRAL |
| A604 | X | 17 | 38'-9" | - | - | ABUTMENT BODY - LONG. |
| A605 | X | 17 | 41'-2" | - | - | ABUTMENT BODY - LONG. |
| A406 | X | 36 | 6'-3" | X | - | ABUTMENT SEAT - VERT. |
| A407 | X | 2 | 7'-5" | -- | - | ABUTMENT SEAT GIRDER 1 - LONG. |
| A408 | X | 2 | 9'-2" | - | - | ABUTMENT SEAT GIRDER 13 - LONG. |
| A409 | X | 22 | 6'-8" | - | - | ABUTMENT SEAT GIRDERS 2 THRU 12 - LONG. |
| A510 | X | 41 | 7'-5" | X | - | ABUTMENT SEAT - VERT. |
| A411 | X | 11 | 3'-2" | - | - | ABUTMENT SEAT GIRDERS 2 THRU 12 - LONG. |
| A412 | X | 1 | 3'-10" | - | - | ABUTMENT SEAT GIRDER 1 - LONG. |
| A413 | X | 1 | 5'-8" | - | - | ABUTMENT SEAT GIRDER 13 - LONG. |
| A414 | X | 3 | 19'-4" | - | - | ABUTMENT SEAT ADDITIONAL - LONG. |
| A415 | X | 3 | 21'-2" | - | - | ABUTMENT SEAT ADDITIONAL - LONG. |
| A516 | X | 1 | 5'-1" | - | - | ABUT BODY END - VERT |
| A617 | X | 6 | 3'-8" | - | - | ABUT BODY END - HORIZ |
| | | | | | | |
| A420 | X | 6 | 9'-4" | X | - | MEDIAN WING - HORIZ |
| A521 | X | 3 | 16'-5" | X | - | MEDIAN WING - VERT |

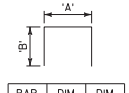
NOTE:
BAR DIMENSIONS ARE OUT TO OUT OF BAR. THE FIRST OR FIRST TWO DIGITS OF A BAR MARK SIGNIFIES THE BAR SIZE




| BAR MARK | DIM. A | DIM. B |
|---|---|---|
| A501 | 3'-2" | 4'-11" |
| A420 | 1'-5" | 3'-0" |

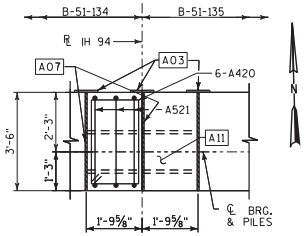



A403

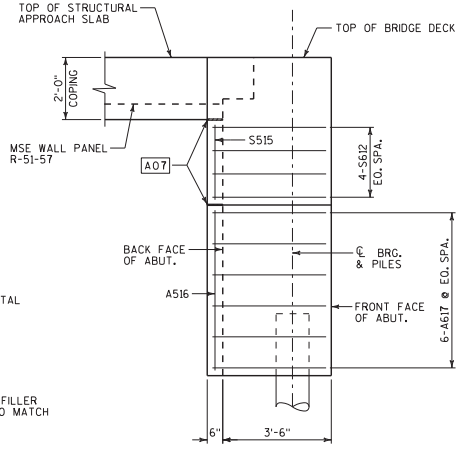



| BAR MARK | DIM. A | DIM. B |
|---|---|---|
| A406 | 1'-11" | 2'-3" |
| A510 | 3'-2" | 2'-3" |
| A521 | 3'-2" | 6'-9" |

BENDING DIAGRAMS

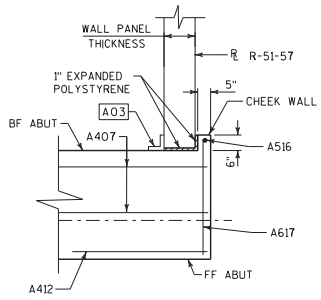



MEDIAN WING PLAN




ELEVATION - CHEEK WALL

(PARAPET NOT SHOWN FOR CLARITY)




PARTIAL PLAN - CHEEK WALL

## LEGEND

| | |
|---|---|
| A02 | ¾" CORK FILLER UP VERTICAL FACES OF BEAM SEATS, TYP. |
| A03 | 18" RUBBERIZED MEMBRANE WATERPROOFING. SEAL ALL HORIZONTAL AND VERTICAL JOINTS ON BACKFACE OF ABUTMENTS. |
| A04 | 4" X ¾" FILLER, TYP. RUN FULL LENGTH OF ABUTMENT. |
| A05 | ¾" FILLER UNDER GIRDERS, TYP. |
| A06 | ½" THICK X 8" X 2'-10" ELASTOMERIC BEARING PAD, TYP. |
| A07 | ½" FILLER. SEAL ALL EXPOSED HORIZ. & VERT. SURFACES OF FILLER WITH NON-STAINING NON-BITUMINOUS JOINT SEALER. COLOR TO MATCH CONCRETE STAIN. (1" DEEP AND HOLD ⅛" BELOW SURFACE OF CONCRETE). |
| A11 | KEYED CONST. JOINT FORMED BY BEVELED 2" X 6" WITH MEMBRANE ON BACKFACE |

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| | | | |

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-51-134

DRAWN BY AJA | PLANS CK'D. MHZ

SOUTH ABUTMENT DETAILS (1 OF 2)

SHEET 6 OF 25

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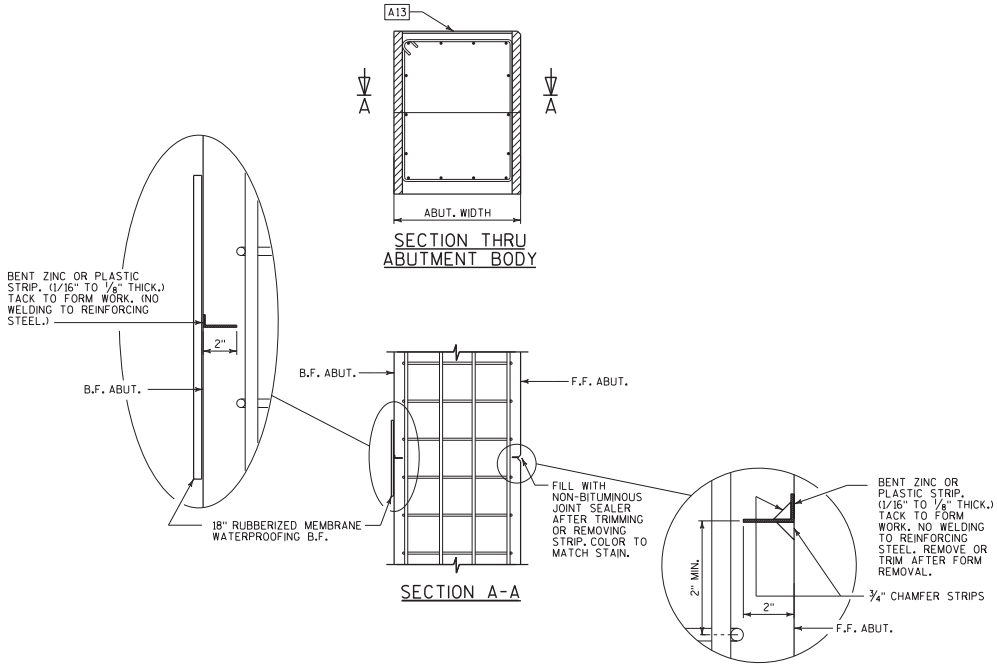
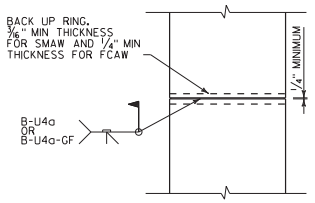
William C. Dreher
5/14/18

FILE NAME : S:\DOT\DOT_SE\170257_1030-20-15_I-94 N-S Fwy Racine County\Structures\B-51-134\8-Inch Deck\cds\B134-080302_ab.dgn PLOT DATE : 2/23/2018 PLOT BY : aschenbrenner PLOT NAME : $FILE$ PLOT SCALE : 1:8

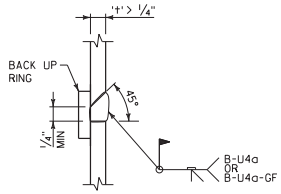
| STATE PROJECT NUMBER |
|---|
| 1030-11-79 |



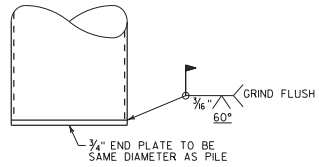

ALTERNATE CONSTRUCTION JOINT AT ABUTMENT




CAST-IN-PLACE 'PIPE PILE'




CIP PILE WELD DETAIL




CIP PILE END PLATE DETAIL

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LEGEND

A13 USE A JOINT TOOL TO CONSTRUCT A CONTRACTION JOINT APPROXIMATELY 1/2" DEEP.

William C. Dochnahl 5/14/18

NOTES

PARTIAL ZINC OR PLASTIC BULKHEAD MAY BE USED AS ALTERNATE CONSTRUCTION JOINT, WITH THE PERMISSION OF THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.

VERTICAL CONSTRUCTION JOINT KEYWAY IS NOT REQUIRED WHEN USING ALTERNATE CONSTRUCTION JOINT.

CARE IS TO BE USED IN CASTING CONCRETE AROUND BULKHEAD TO PREVENT DISLOCATION OR MISALIGNMENT OF THE BULKHEAD.

SAW CUTTING JIONT IS NOT ALLOWED.

| NO. | DATE | REVISION | BY |
|---|---|---|---|

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-51-134

DRAWN BY AJA | PLANS CK'D. MHZ

SOUTH ABUTMENT DETAILS (2 OF 2)

SHEET 7 OF 25

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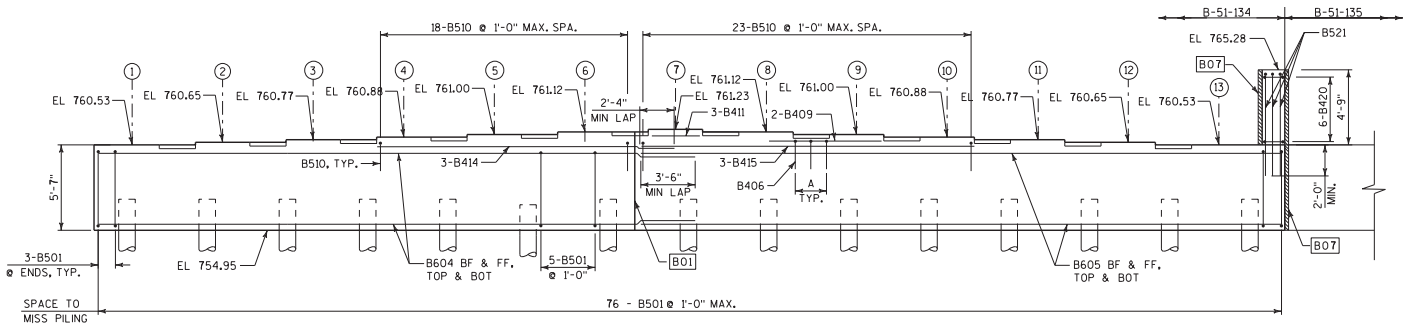
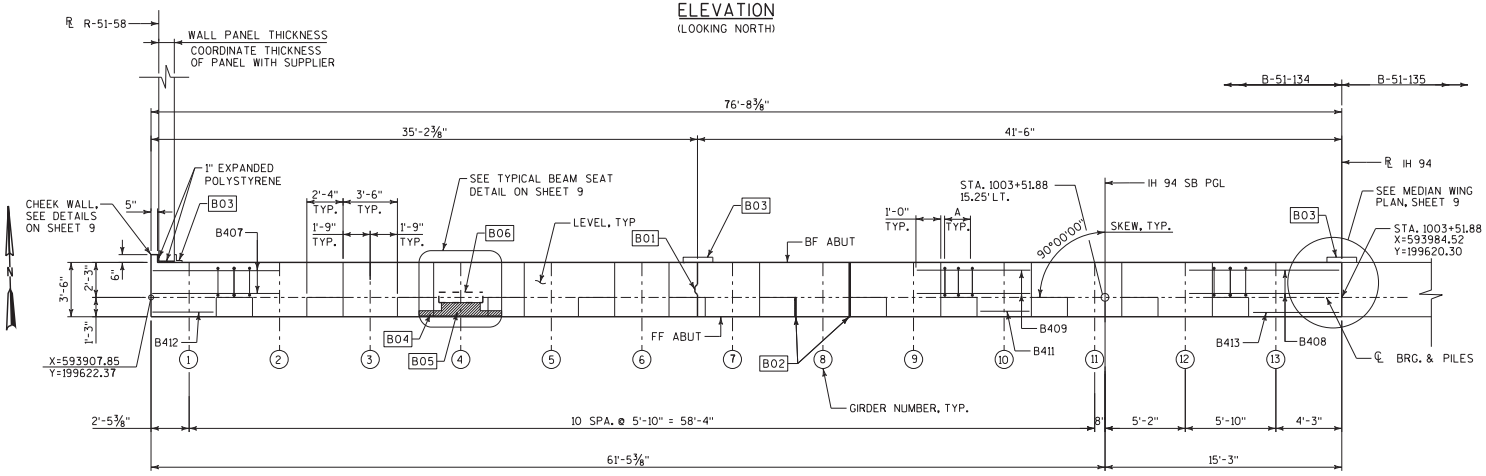
FILE NAME : S:\DOT\DOT_SE\170257_1030-20-15_I-94 N-S Fwy Racine County\Structures\B-51-134\8-Inch Deck\cds\B134-080303_ab.dgn PLOT DATE : 2/23/2018 PLOT BY : aschenbrenner PLOT NAME : $FILE$ PLOT SCALE : 1:8

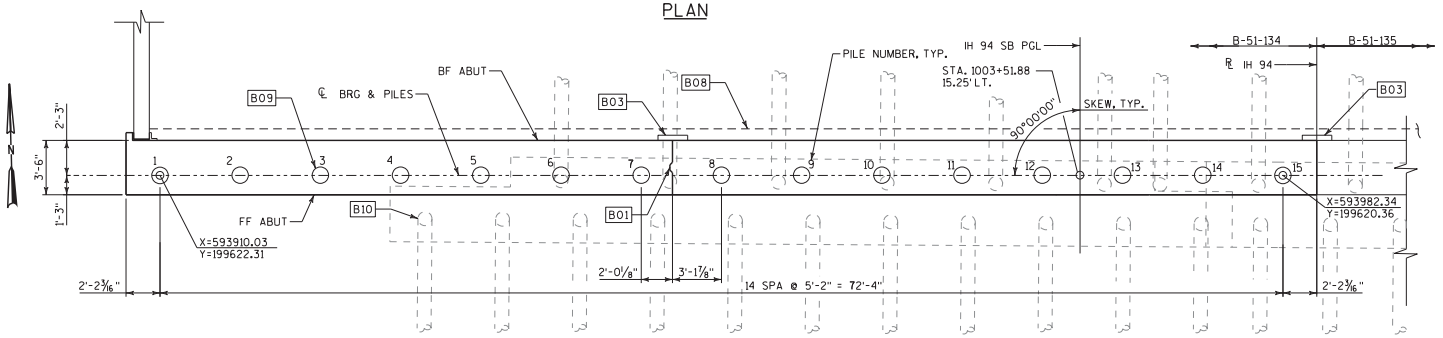
| STATE PROJECT NUMBER |
|---|
| 1030-11-79 |




ELEVATION
(LOOKING NORTH)




PLAN




PILE PLAN

## LEGEND:

- B01 KEYED CONSTRUCTION JOINT FORMED BY A BEVELED 2" X 8". REINFORCEMENT EXTENDS THROUGH JOINT.
- B02 ¾" CORK FILLER UP VERTICAL FACES OF BEAM SEATS, TYP.
- B03 18" RUBBERIZED MEMBRANE WATERPROOFING. SEAL ALL HORIZONTAL AND VERTICAL JOINTS ON BACKFACE OF ABUTMENTS.
- B04 4" X ¾" FILLER, TYP. RUN FULL LENGTH OF ABUTMENT.
- B05 ¾" FILLER UNDER GIRDERS, TYP.
- B06 ½" THICK X 8" X 2'-10" ELASTOMERIC BEARING PAD, TYP.
- B07 SEAL ALL EXPOSED HORIZ. & VERT. SURFACES OF ½" FILLER NON-BITUMINOUS JOINT SEALER. (1" DEEP AND HOLD ⅛" BELOW SURFACE OF CONCRETE).
- B08 PIPE UNDERDRAIN WRAPPED, 6-INCH. SLOPE 0.5%. CONNECT TO PIPE UNDERDRAIN AT MSE WALL R-51-58.
- B09 SUPPORT ABUTMENT ON 12¾" DIAMETER, 0.375" WALL CIP CONCRETE PILING DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 210 TONS PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA. ESTIMATED PILE LENGTH = 100 FEET.
- B10 EXISTING PILES SUPPORTING EXISTING ABUTMENTS ARE SHOWN PER AS-BUILT PLANS. THE INTENT IS TO DRIVE NEW PLAN PILES FOR NEW ABUTMENT WITHOUT REMOVING OR EXTRACTING EXISTING PILES. IF NEEDED, CORE THROUGH THE EXISTING TIMBER PILING IN ACCORDANCE WITH THE SPECIAL PROVISIONS, TO BE PAID FOR UNDER THE BID ITEM "CORING TIMBER PILES." REMOVE ENTIRE EXISTING ABUTMENT AND CUT EXISTING PILES AT BOTTOM OF NEW ABUTMENT ELEVATION.
- ◯ 12¾" DIAMETER, 0.375" WALL CIP CONCRETE PILING.
- (X) GIRDER NUMBER

A - 3 - B406 EQ. SPA. BETWEEN GIRDER SEATS, TYP.

Addendum No. 01
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Revised Sheet 294
May 16, 2018

## NOTES

FOR TYPICAL SECTION THRU ABUTMENT BODY SEE SHEET 9.

FOR REINFORCEMENT BILL OF BARS SEE SHEET 9.

FOR ALTERNATE CONSTRUCTION JOINT & PILE DETAILS, SEE SHEET 10.

| NO. | DATE | REVISION | BY |
|---|---|---|---|

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-51-134

DRAWN BY AJA | PLANS CK'D. MHZ

NORTH ABUTMENT

SHEET 8 OF 25

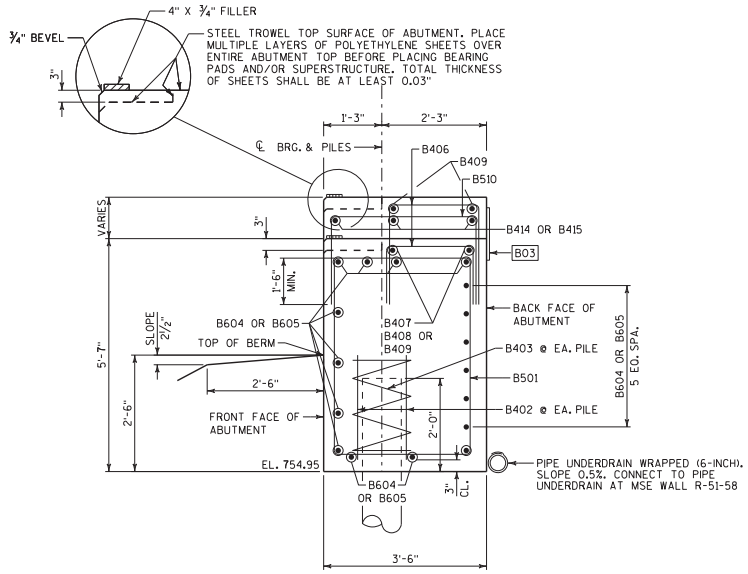
294

William C. Dachenbrenner
5/14/18

FILE NAME : S:\DOT\DOT_SE\170257_1030-20-15_I-94 N-S Fwy Racine County\Structures\B-51-134\8-Inch Deck\cds\B134-080304_ab.dgn PLOT DATE : 2/23/2018 PLOT BY : daschenbrenner PLOT NAME : $FILE$ PLOT SCALE : 1:8

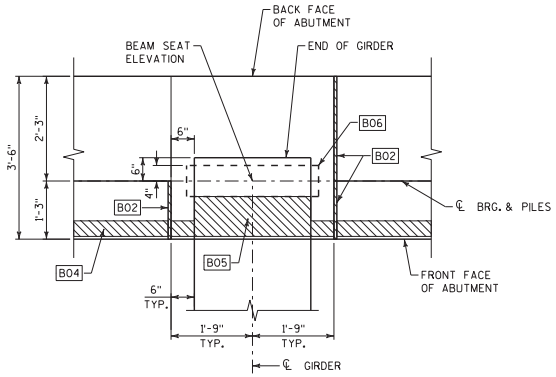
STATE PROJECT NUMBER

1030-11-79




SECTION THRU ABUTMENT BODY

(LOOKING WEST)

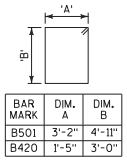



TYPICAL BEAM SEAT DETAIL

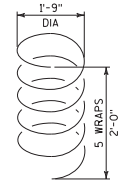
## BILL OF BARS

| BAR MARK | COAT | NO REQ'D | LENGTH | BENT | BAR SERIES | LOCATION |
|---|---|---|---|---|---|---|
| B501 | X | 76 | 16'-9" | X | - | ABUTMENT BODY STIRRUPS |
| B402 | X | 30 | 2'-3" | - | - | ABUTMENT BODY AT PILE - VERT. |
| B403 | X | 15 | 28'-0" | X | - | ABUTMENT BODY AT PILE - SPIRAL |
| B604 | X | 17 | 38'-9" | - | - | ABUTMENT BODY - LONG. |
| B605 | X | 17 | 41'-2" | - | - | ABUTMENT BODY - LONG. |
| B406 | X | 36 | 6'-3" | X | - | ABUTMENT SEAT - VERT. |
| B407 | X | 2 | 7'-5" | -- | - | ABUTMENT SEAT GIRDER 1 - LONG. |
| B408 | X | 2 | 9'-2" | - | - | ABUTMENT SEAT GIRDER 13 - LONG. |
| B409 | X | 22 | 6'-8" | - | - | ABUTMENT SEAT GIRDERS 2 THRU 12 - LONG. |
| B510 | X | 41 | 7'-5" | X | - | ABUTMENT SEAT - VERT. |
| B411 | X | 11 | 3'-2" | - | - | ABUTMENT SEAT GIRDERS 2 THRU 12 - LONG. |
| B412 | X | 1 | 3'-10" | - | - | ABUTMENT SEAT GIRDER 1 - LONG. |
| B413 | X | 1 | 5'-8" | - | - | ABUTMENT SEAT GIRDER 13 - LONG. |
| B414 | X | 3 | 19'-4" | - | - | ABUTMENT SEAT ADDITIONAL - LONG. |
| B415 | X | 3 | 21'-2" | - | - | ABUTMENT SEAT ADDITIONAL - LONG. |
| B516 | X | 1 | 5'-1" | - | - | ABUT BODY END - VERT |
| B617 | X | 6 | 3'-8" | - | - | ABUT BODY END - HORIZ |
| | | | | | | |
| B420 | X | 6 | 9'-4" | X | - | MEDIAN WING - HORIZ |
| B521 | X | 3 | 16'-5" | X | - | MEDIAN WING - VERT |

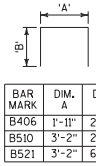
NOTE:
BAR DIMENSIONS ARE OUT TO OUT OF BAR. THE FIRST OR FIRST TWO DIGITS OF A BAR MARK SIGNIFIES THE BAR SIZE




| BAR MARK | DIM. A | DIM. B |
|---|---|---|
| B501 | 3'-2" | 4'-11" |
| B420 | 1'-5" | 3'-0" |

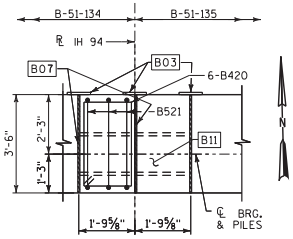



B403

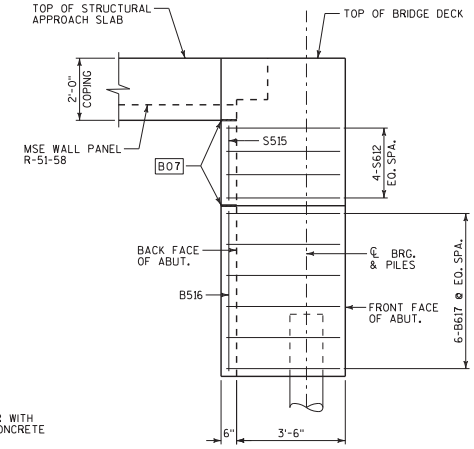



| BAR MARK | DIM. A | DIM. B |
|---|---|---|
| B406 | 1'-11" | 2'-3" |
| B510 | 3'-2" | 2'-3" |
| B521 | 3'-2" | 6'-9" |

BENDING DIAGRAMS

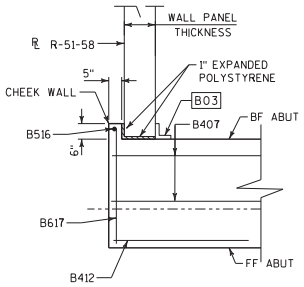



MEDIAN WING PLAN




ELEVATION - CHEEK WALL

(PARAPET NOT SHOWN FOR CLARITY)




ABUTMENT END DETAIL

## LEGEND

- B02 ¾" CORK FILLER UP VERTICAL FACES OF BEAM SEATS, TYP.
- B03 18" RUBBERIZED MEMBRANE WATERPROOFING. SEAL ALL HORIZONTAL AND VERTICAL JOINTS ON BACKFACE OF ABUTMENTS.
- B04 4" X ¾" FILLER, TYP. RUN FULL LENGTH OF ABUTMENT.
- B05 ¾" FILLER UNDER GIRDERS, TYP.
- B06 ½" THICK X 8" X 2'-10" ELASTOMERIC BEARING PAD, TYP.
- B07 ½" FILLER. SEAL ALL EXPOSED HORIZ. & VERT. SURFACES OF FILLER WITH NON-STAINING NON-BITUMINOUS JOINT SEALER. COLOR TO MATCH CONCRETE STAIN. (1" DEEP AND HOLD ⅛" BELOW SURFACE OF CONCRETE).
- B11 KEYED CONST. JOINT FORMED BY BEVELED 2" X 6" WITH MEMBRANE ON BACKFACE

Addendum No. 01
ID 1030-11-79
Revised Sheet 295
May 16, 2018

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|---|---|---|---|
| | | | |

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-51-134

DRAWN BY AJA | PLANS CK'D. MHZ

NORTH ABUTMENT DETAILS (1 OF 2)

SHEET 9 OF 25

295

William C. Dreher
5/14/18

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| STATE PROJECT NUMBER |
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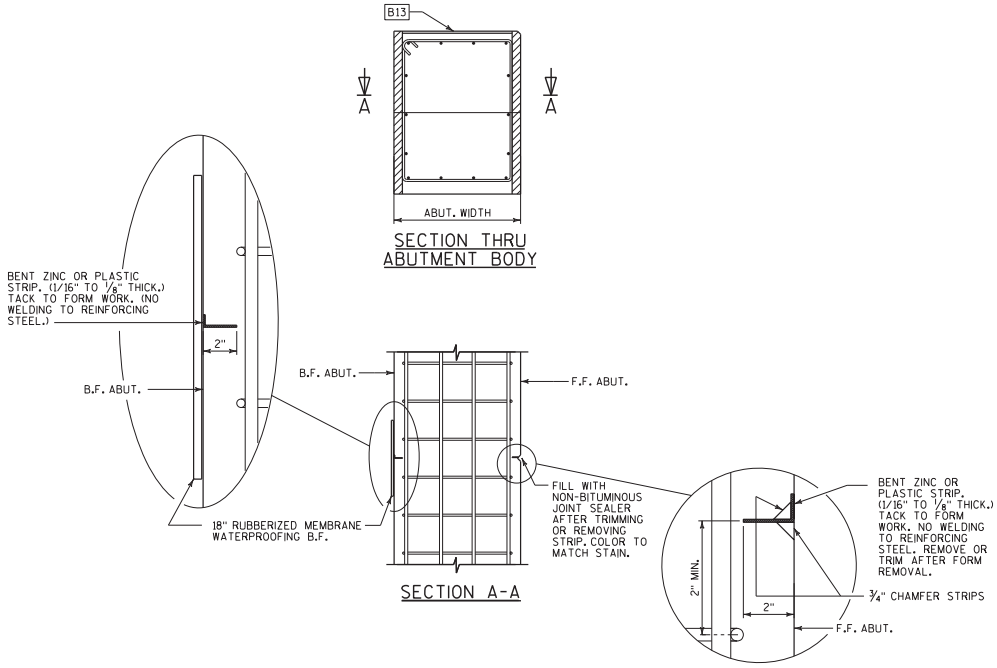
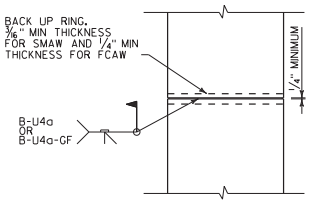
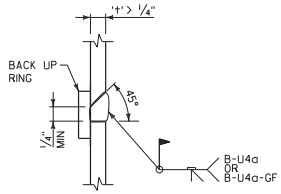
| 1030-11-79 |



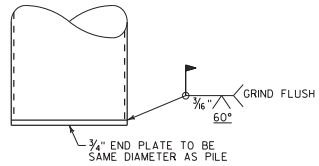

ALTERNATE CONSTRUCTION JOINT AT ABUTMENT




CAST-IN-PLACE 'PIPE PILE'




CIP PILE WELD DETAIL




CIP PILE END PLATE DETAIL

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LEGEND

B13 USE A JOINT TOOL TO CONSTRUCT A CONTRACTION JOINT APPROXIMATELY 1/2" DEEP.

William C. Dachel
5/14/18

NOTES

PARTIAL ZINC OR PLASTIC BULKHEAD MAY BE USED AS ALTERNATE CONSTRUCTION JOINT, WITH THE PERMISSION OF THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.

VERTICAL CONSTRUCTION JOINT KEYWAY IS NOT REQUIRED WHEN USING ALTERNATE CONSTRUCTION JOINT.

CARE IS TO BE USED IN CASTING CONCRETE AROUND BULKHEAD TO PREVENT DISLOCATION OR MISALIGNMENT OF THE BULKHEAD.

SAW CUTTING JOINT IS NOT ALLOWED.

| NO. | DATE | REVISION | BY |
|---|---|---|---|
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STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-51-134

DRAWN BY AJA | PLANS CK'D. MHZ

NORTH ABUTMENT DETAILS (2 OF 2)

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| STATE PROJECT NUMBER |
|---|
| 1030-11-79 |

## GIRDER NOTES

TOP OF GIRDER TO BE ROUGH FLOATED AND BROOMED TRANSVERSELY FOR BONDING TO THE SLAB, EXCEPT THE OUTSIDE 8" OF GIRDER, WHICH SHALL RECEIVE A SMOOTH FINISH. AN APPROVED CONCRETE SEALER SHALL BE APPLIED TO ALL SMOOTH SURFACES INCLUDING THE OUTSIDE 8" OF THE TOP FLANGE.

DO NOT APPLY CONCRETE SEALER OR EPOXY TO SURFACES RECEIVING APPLICATION OF CONCRETE STAINING.

THE GIRDERS SHALL BE PROVIDED WITH A SUITABLE LIFTING DEVICE FOR HANDLING AND ERECTING THE GIRDERS. SEE SECTION 503.3.3 OF STANDARD SPECIFICATIONS FOR GUIDANCE.

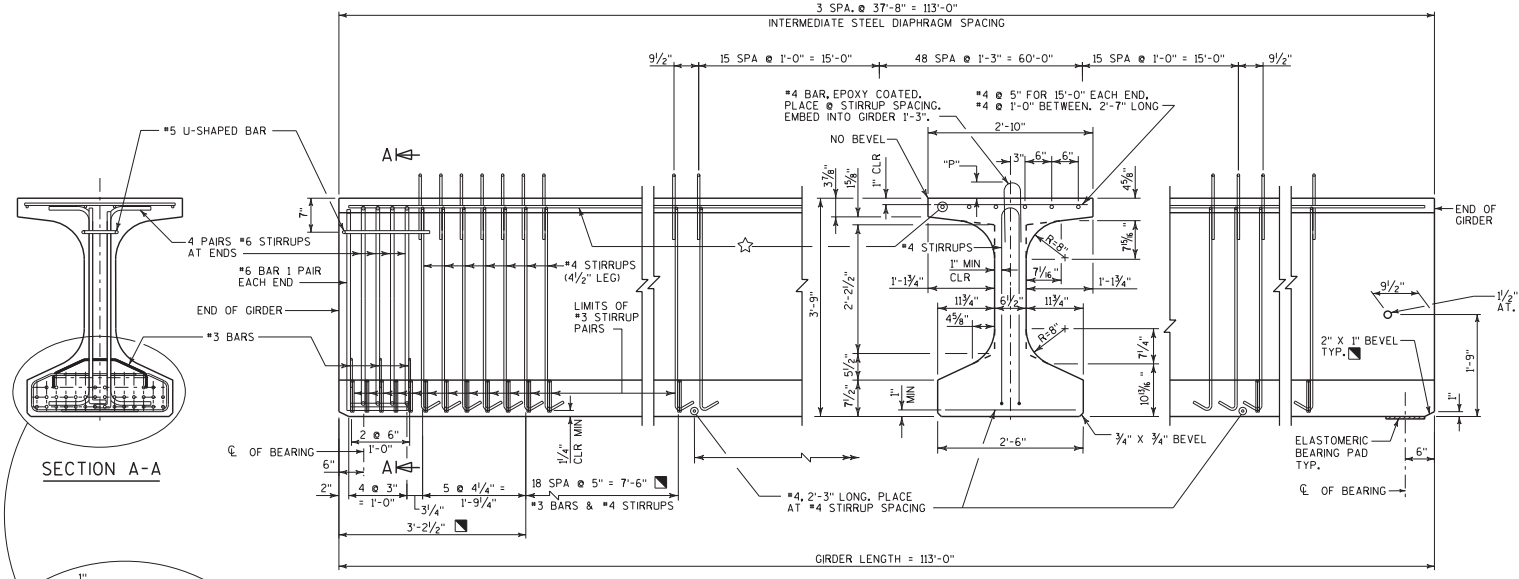
PRESTRESSING STRANDS SHALL BE 0.6"Φ - 7 WIRE LOW-RELAXATION STRANDS WITH AN ULTIMATE STRENGTH OF 270,000 PSI AND SHALL BE FLUSH WITH THE ENDS OF THE GIRDER. FOR GIRDER ENDS EMBEDDED COMPLETELY IN CONCRETE, END OF STRANDS SHALL BE COATED WITH NON-BITUMINOUS JOINT SEALER.

FOR DIAPHRAGM INSERT & CONNECTION DETAILS, SEE SHEET 14.

ALL GIRDERS SHALL BE CAST FULL LENGTH AS SHOWN.

SPACING SHOWN FOR #4 STIRRUPS IS FOR GRADE 60 REINFORCEMENT.

AN ALTERNATE EQUIVALENT OF WELDED WIRE FABRIC (WWF) ASTM A1064 MAY BE SUBSTITUTED FOR THE STIRRUP REINFORCEMENT SHOWN, UPON APPROVAL OF THE STRUCTURES DEVELOPMENT SECTION.

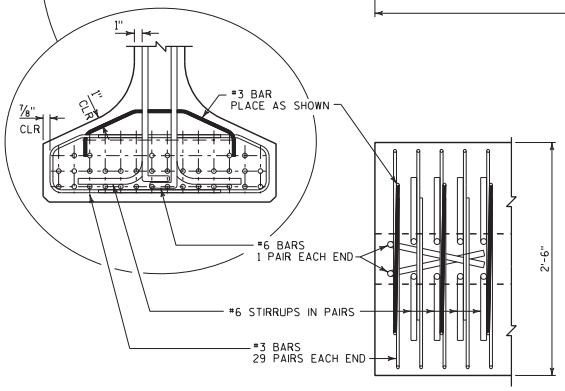



## SIDE VIEW & TYPICAL SECTION IN SPAN

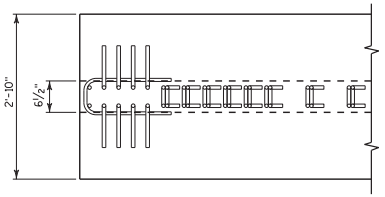
▙ DETAIL TYPICAL AT EACH END

☆ 6 #4 BARS, FULL LENGTH, LAP = 1'-8"

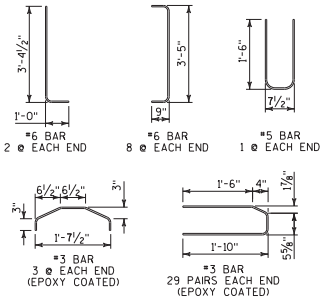
"P" - SEE GIRDER DATA TABLE ON SHEET 12




BOTTOM FLANGE




TOP FLANGE

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May 16, 2018

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STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-51-134

| DRAWN BY | MM | PLANS CK'D. | MHZ |
|---|---|---|---|

45W" PRESTRESSED GIRDER

SHEET 11 OF 25

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William C. Dahm
5/14/18

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FILE NAME : S:\DOT\DOT_SE\170257_1030-20-15_I-94 N-S Fwy Racine County\Structures\B-51-134\8-Inch Deck\cds\B134-080501_gr.dgn PLOT DATE : 2/23/2018 PLOT BY : daschenbrenner PLOT NAME : $FILE$ PLOT SCALE : 1:2

STATE PROJECT NUMBER

1030-11-79

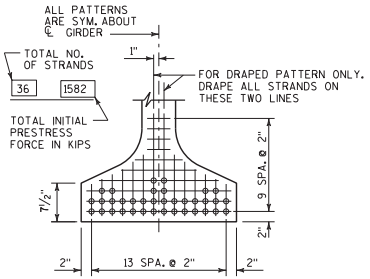
## GIRDER DATA

| SPAN | GIRDER LOCATION | GIRDER LENGTH "L" | TOTAL DEAD LOAD DEFL. (IN.) *** 1/10 | 2/10 | 3/10 | 4/10 | 5/10 | CONC. STRGTH. f'c (p.s.i.) | f'ci (P.S.I.) * | "P" IST 1/3 OF GIRDER | "P" MID 1/3 OF GIRDER | "P" END 1/3 OF GIRDER | DIA. OF STRAND (IN.) | TOTAL NO. OF STRANDS | DRAPED PATTERN NO. OF DRAPED STRANDS | ( IN.) "A" | "B" MIN. | "B" MAX. | "C" |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | EXTERIOR | 113'-0" | 5/8" | 1 1/4" | 1 3/4" | 2 1/8" | 2 1/4" | 8000 | 6800 | 8" | 7 3/4" | 8" | 0.6 | 36 | 8 | 40 | 13 3/4" | 16 3/4" | 5 |
| 1 | INTERIOR | 113'-0" | 5/8" | 1 3/8" | 1 7/8" | 2 1/8" | 2 3/8" | 8000 | 6800 | 8" | 7 3/4" | 8" | 0.6 | 36 | 8 | 40 | 13 3/4" | 16 3/4" | 5 |

| SPAN | GIRDER LOCATION | GIRDER LENGTH "L" | PRECAST PANEL DEAD LOAD DEFL. (IN.) 1/10 | 2/10 | 3/10 | 4/10 | 5/10 |
|---|---|---|---|---|---|---|---|
| 1 | EXTERIOR | 113'-0" | 1/8" | 1/4" | 1/4" | 1/4" | 3/8" |
| 1 | INTERIOR | 113'-0" | 1/8" | 3/8" | 1/2" | 1/2" | 1/2" |

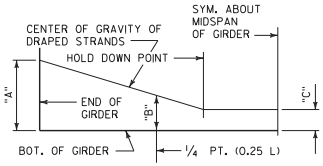
*** SEE DEAD LOAD DEFLECTION DIAGRAM. DEAD LOAD DEFLECTIONS ARE SYMMETRICAL ON GIRDERS.

* MINIMUM CYLINDER STRENGTH OF CONCRETE AT TIME OF TRANSFER OF PRESTRESS FORCE.

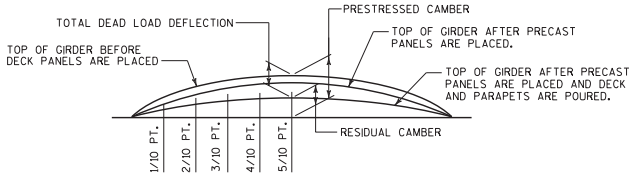



STRAND PATTERN

0.6" DIA. STRANDS




DRAPED STRAND PROFILE



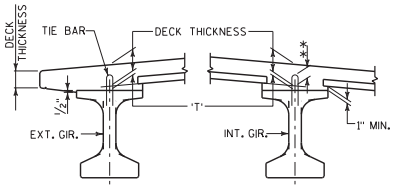

DEAD LOAD DEFLECTION DIAGRAM

| SPAN | GIRDER LOCATION | PRESTRESS CAMBER* (IN.) | TOTAL DEAD LOAD DEFLECTION (IN.) | RESIDUAL CAMBER (IN.) |
|---|---|---|---|---|
| 1 | EXTERIOR | 4 1/8" | 2 1/4" | 1 7/8" |
| 1 | INTERIOR | 4 1/8" | 2 3/8" | 1 3/4" |

* THE THEORETICAL INITIAL CAMBER VALUE AT THE TIME OF STRAND RELEASE AT MIDSPAN MULTIPLIED BY A FACTOR OF 1.4 TO ACCOUNT FOR CAMBER GROWTH FROM THE TIME OF STRAND RELEASE TO JOBSITE PLACEMENT.

THESE VALUES ARE NOT TO BE USED IN DETERMINING HAUNCH HEIGHT 'T'. USE ACTUAL GIRDER SHOTS.

THESE VALUES ARE FOR INFORMATIONAL PURPOSES ONLY.




DECK HAUNCH DETAIL

IF 1" MINIMUM HAUNCH HEIGHT AT EDGE OF GIRDER CANNOT BE MAINTAINED, THE GRADE LINE MAY BE REVISED BY THE ENGINEER AT THE OPTION OF THE CONTRACTOR. THE PLAN DECK THICKNESS SHALL BE HELD. NOTIFY THE STRUCTURES SECTION IF THE GRADE LINE IS RAISED FROM THE PLAN PROFILE BY MORE THAN 1/2" OR.

** IF 3" MINIMUM DECK EMBEDMENT OF TIE BAR CANNOT BE OBTAINED.

TO DETERMINE 'T', ELEV. OF TOP OF GIR'S. AT ℄ OF SUBSTRUCTURE UNITS & AT 1/10 POINTS OF EACH SPAN SHALL BE TAKEN. THEN FOLLOW THIS PROCESS:

TOP OF DECK ELEV. AT FINAL GRADE
- TOP OF GIRDER ELEVATION
+ TOTAL DEAD LOAD DEFLECTION
- DECK THICKNESS
= HAUNCH HEIGHT 'T'

NOTE: AN AVERAGE HAUNCH ('T') OF 2 7/8" WAS CALCULATED. THE GROUT IS INCLUDED IN THE BID ITEM "PARTIAL DEPTH PRECAST PRESTRESSED CONCRETE DECK PANEL B-51-134"

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| NO. | DATE | REVISION | BY |
|---|---|---|---|

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-51-134

DRAWN BY MM | PLANS CK'D. MHZ

45W" PRESTRESSED GIRDER DETAILS

SHEET 12 OF 25

298

William C. Dreher
5/14/18

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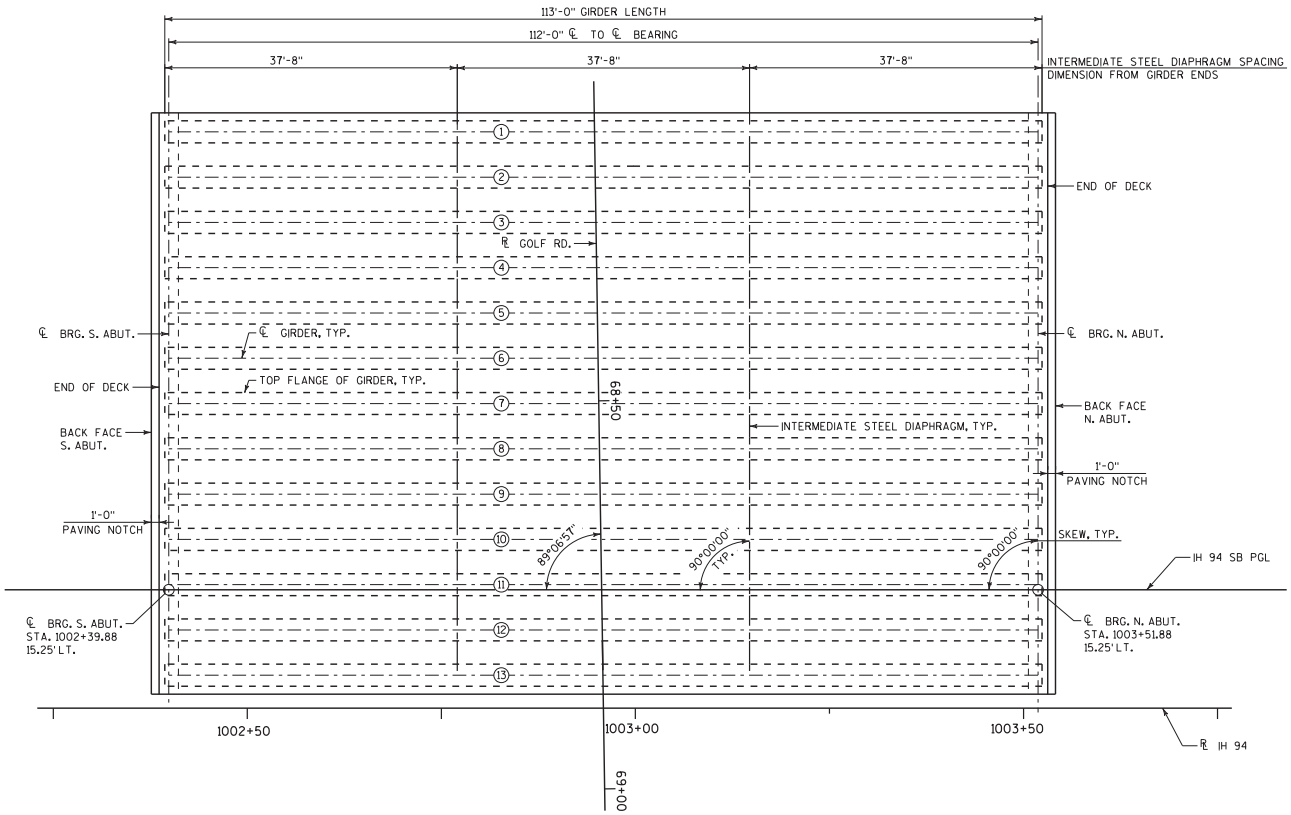
FILE NAME : S:\DOT\DOT_SE\170257_1030-20-15_I-94 N-S Fwy Racine County\Structures\B-51-134\8-Inch Deck\cds\B134-080502_gr.dgn PLOT DATE : 2/23/2018 PLOT BY : aschenbrenner PLOT NAME : $FILE$ PLOT SCALE : 1:2

| STATE PROJECT NUMBER |
|---|
| 1030-11-79 |




FRAMING PLAN

(PARAPET NOT SHOWN FOR CLARITY)

## TOP OF DECK ELEVATIONS

| LOCATION | S. ABUT. | 0.1L | 0.2L | 0.3L | 0.4L | 0.5L | 0.6L | 0.7L | 0.8L | 0.9L | N. ABUT. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| W. EDGE OF DECK | 765.60 | 765.58 | 765.55 | 765.53 | 765.50 | 765.47 | 765.44 | 765.41 | 765.37 | 765.33 | 765.28 |
| C/L GIRDER 1 | 765.62 | 765.60 | 765.57 | 765.55 | 765.52 | 765.49 | 765.46 | 765.43 | 765.39 | 765.35 | 765.30 |
| C/L GIRDER 2 | 765.73 | 765.71 | 765.69 | 765.67 | 765.64 | 765.61 | 765.58 | 765.54 | 765.50 | 765.46 | 765.42 |
| C/L GIRDER 3 | 765.85 | 765.83 | 765.81 | 765.78 | 765.76 | 765.73 | 765.69 | 765.66 | 765.62 | 765.58 | 765.54 |
| C/L GIRDER 4 | 765.97 | 765.95 | 765.92 | 765.90 | 765.87 | 765.84 | 765.81 | 765.78 | 765.74 | 765.70 | 765.65 |
| C/L GIRDER 5 | 766.08 | 766.06 | 766.04 | 766.02 | 765.99 | 765.96 | 765.93 | 765.89 | 765.85 | 765.81 | 765.77 |
| C/L GIRDER 6 | 766.20 | 766.18 | 766.16 | 766.13 | 766.11 | 766.08 | 766.04 | 766.01 | 765.97 | 765.93 | 765.89 |
| C/L GIRDER 7/CROWN | 766.32 | 766.30 | 766.27 | 766.25 | 766.22 | 766.19 | 766.16 | 766.13 | 766.09 | 766.05 | 766.00 |
| C/L GIRDER 8 | 766.20 | 766.18 | 766.16 | 766.13 | 766.11 | 766.08 | 766.04 | 766.01 | 765.97 | 765.93 | 765.89 |
| C/L GIRDER 9 | 766.08 | 766.06 | 766.04 | 766.02 | 765.99 | 765.96 | 765.93 | 765.89 | 765.85 | 765.81 | 765.77 |
| C/L GIRDER 10 | 765.97 | 765.95 | 765.92 | 765.90 | 765.87 | 765.84 | 765.81 | 765.78 | 765.74 | 765.70 | 765.65 |
| C/L GIRDER 11 | 765.83 | 765.83 | 765.81 | 765.78 | 765.76 | 765.73 | 765.69 | 765.66 | 765.62 | 765.58 | 765.54 |
| IH 94 SB PGL | 765.84 | 765.82 | 765.79 | 765.77 | 765.74 | 765.71 | 765.68 | 765.65 | 765.61 | 765.57 | 765.52 |
| C/L GIRDER 12 | 765.73 | 765.71 | 765.69 | 765.67 | 765.64 | 765.61 | 765.58 | 765.54 | 765.50 | 765.46 | 765.42 |
| C/L GIRDER 13 | 765.62 | 765.60 | 765.57 | 765.55 | 765.52 | 765.49 | 765.46 | 765.43 | 765.39 | 765.35 | 765.30 |
| E. EDGE OF DECK | 765.60 | 765.58 | 765.55 | 765.53 | 765.50 | 765.47 | 765.44 | 765.41 | 765.37 | 765.33 | 765.28 |

Addendum No. 01
ID 1030-11-79
Revised Sheet 299
May 16, 2018

| NO. | DATE | REVISION | BY |
|---|---|---|---|

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-51-134

DRAWN BY AJA | PLANS CK'D. MHZ

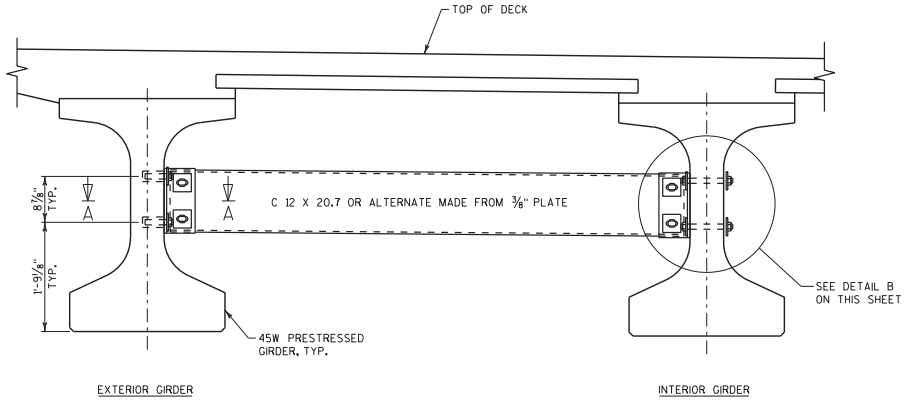
SUPERSTRUCTURE FRAMING PLAN

SHEET 13 OF 25

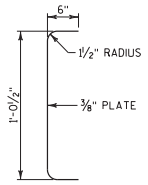
299

William C. Dreher
5/14/18

| STATE PROJECT NUMBER |
|---|
| 1030-11-79 |




PART TRANSVERSE SECTION AT DIAPHRAGM




SECTION THRU
ALTERNATE DIAPHRAGM

* 2½" FOR ALTERNATE PLATE DIAPHRAGM

## NOTES

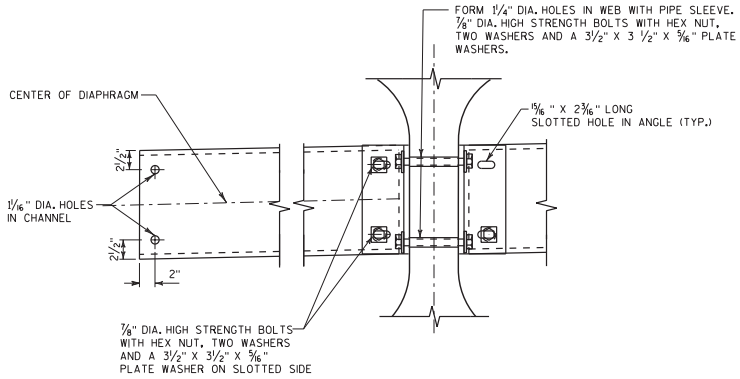
ALL DIAPHRAGM MATERIAL NOT EMBEDDED IN THE CONCRETE GIRDER SHALL BE PAID FOR AT THE UNIT PRICE BID FOR "STEEL DIAPHRAGMS B-51-134", EACH.

EACH DIAPHRAGM BETWEEN GIRDERS SHALL CONSTITUTE ONE UNIT.

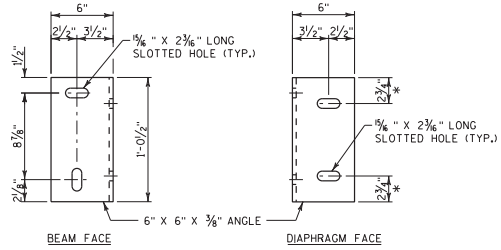
ALL DIAPHRAGM STRUCTURAL STEEL SHALL BE ASTM A709 GRADE 36.

ALL DIAPHRAGM MATERIAL INCLUDING BOLTS, NUTS AND WASHERS SHALL BE GALVANIZED AFTER FABRICATION.

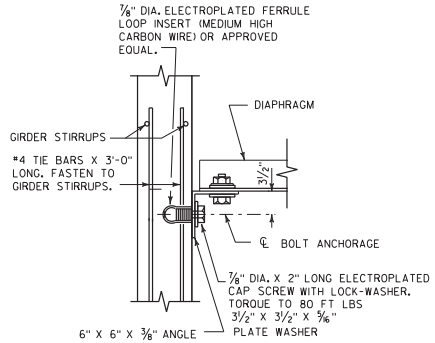
STEEL DIAPHRAGM TO CONCRETE WEB CONNECTION SHALL BE SNUG-TIGHT PLUS 1/4 TURN, UNLESS NOTED OTHERWISE. HIGH STRENGTH BOLTS FOR WEB CONNECTION SHALL MEET THE REQUIREMENTS FOR ASTM A325 OR ASTM A449.




DETAIL B




DIAPHRAGM SUPPORT




SECTION A-A

(FOR EXTERIOR ATTACHMENT)

Addendum No. 01
ID 1030-11-79
Revised Sheet 300
May 16, 2018

| NO. | DATE | REVISION | BY |
|---|---|---|---|
| | | | |

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-51-134

DRAWN BY MM | PLANS CK'D. MHZ

William C. Dickie
5/14/18

STEEL DIAPHRAGM

SHEET 14 OF 25

300

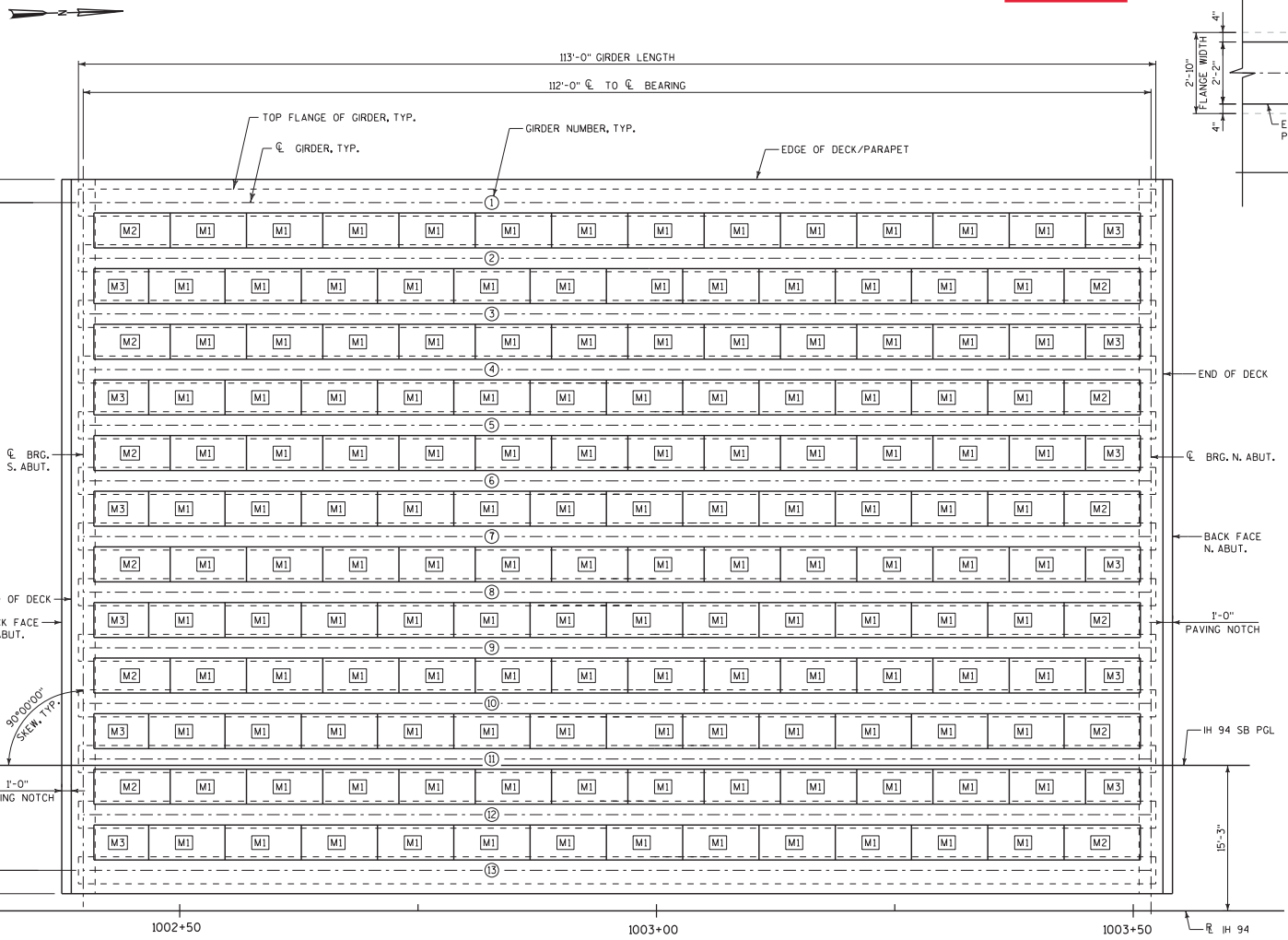
8

8

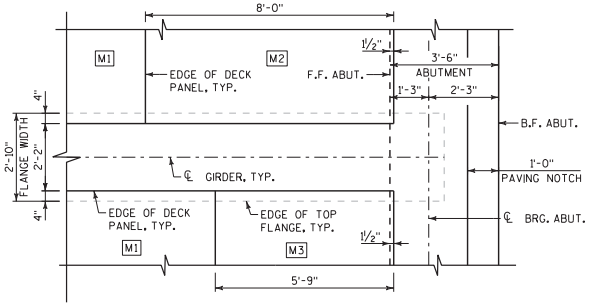
FILE NAME : S:\DOT\DOT_SE\170257_1030-20-15_I-94 N-S Fwy Racine County\Structures\B-51-134\8-Inch Deck\cds\B134-080512_ss.dgn PLOT DATE : 2/23/2018 PLOT BY : aschenbrenner PLOT NAME : $FILE$ PLOT SCALE : 1:2

Addendum No. 01
ID 1030-11-79
Revised Sheet 301
May 16, 2018

| STATE PROJECT NUMBER |
|---|
| 1030-11-79 |




DECK PANEL PLAN
(PARAPET NOT SHOWN FOR CLARITY)




ABUTMENT PARTIAL PLAN

## LEGEND

M1 PRECAST DECK PANEL SIZE = 8'-0" X 3'-8" X 3" IN SPAN WITH NOTCH ON BOTH SIDES.
NUMBER OF PANELS REQUIRED - 144

M2 PRECAST DECK PANEL SIZE = 8'-0" X 3'-8" X 3" AT SUBSTRUCTURES WITH NOTCH ON ONE SIDE.
NUMBER OF PANELS REQUIRED - 12

M3 PRECAST DECK PANEL SIZE = 5'-9" X 3'-8" X 3" AT SUBSTRUCTURES WITH NOTCH ON ONE SIDE.
NUMBER OF PANELS REQUIRED - 12

(X) GIRDER NUMBER

## NOTES

DECK PANELS TO BE STAGGERED AS SHOWN IN PLAN.

FOR SUPERSTRUCTURE FRAMING PLAN, SEE SHEET 13.

FOR PRECAST DECK PANEL DETAILS, SEE SHEETS 16 & 17.

| NO. | DATE | REVISION | BY |
|---|---|---|---|

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-51-134

| DRAWN BY | MM | PLANS CK'D. | MHZ |
|---|---|---|---|

PRECAST DECK PANEL PLAN

SHEET 15 OF 25

301

William C. Dreher
5/14/18

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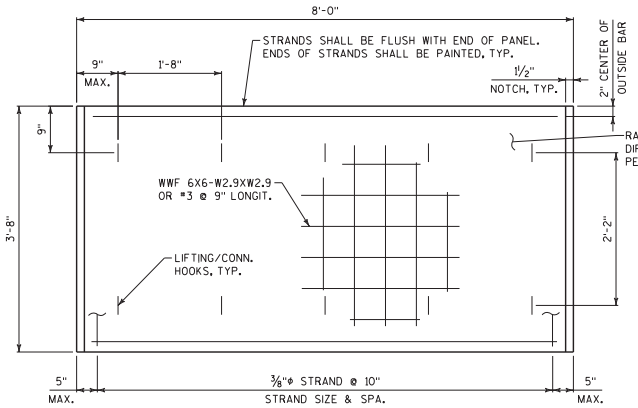
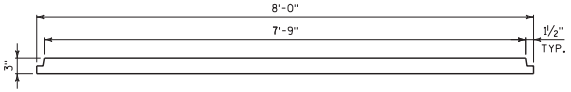
8

FILE NAME : S:\DOT\DOT_SE\170257_1030-20-15_I-94 N-S Fwy Racine County\Structures\B-51-134\8-Inch Deck\cds\B134-080513_ss.dgn PLOT DATE : 2/23/2018 PLOT BY : aschenbrenner PLOT NAME : $FILE$ PLOT SCALE : 1:12

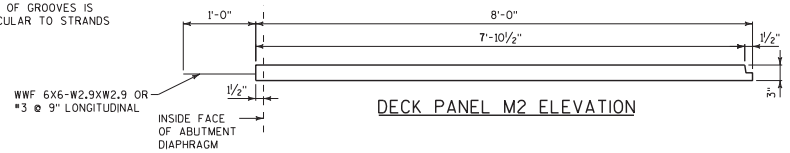
| STATE PROJECT NUMBER |
|---|
| 1030-11-79 |



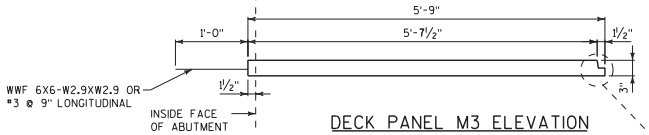

DECK PANEL M1 PLAN



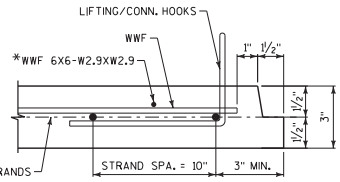

DECK PANEL M1 ELEVATION




DECK PANEL M2 ELEVATION

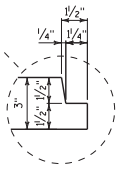


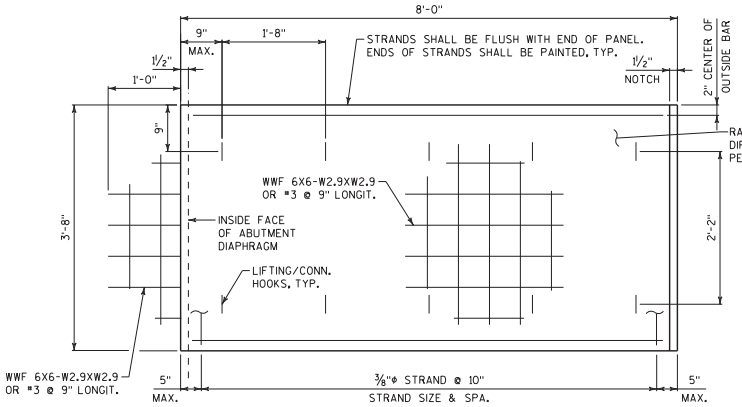

DECK PANEL M3 ELEVATION



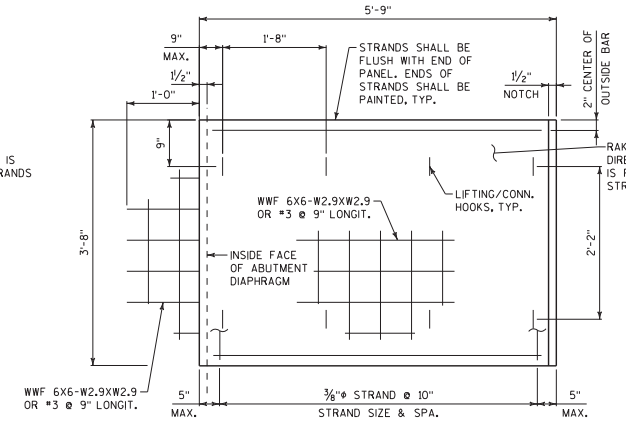

PART SECTION

* BARS IN WWF WHICH ARE PARALLEL TO THE STRANDS MUST BE A MINIMUM OF 1" CLEAR FROM THE STRANDS




DECK PANEL M2 PLAN




DECK PANEL M3 PLAN

## DESIGN DATA

INITIAL PRESTRESSED FORCE / STRAND = 13.80 KIPS

CONCRETE FOR DECK PANELS
f'ci = 4,400 psi
f'c = 6,000 psi

## NOTES

FOR PRECAST DECK PANEL PLAN, SEE SHEET 15.

FOR SUPERSTRUCTURE REINFORCEMENT DETAILS, SEE SHEETS 18, 19 & 20.

Addendum No. 01
ID 1030-11-79
Revised Sheet 302
May 16, 2018

| NO. | DATE | REVISION | BY |
|---|---|---|---|
| | | | |

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-51-134

DRAWN BY MM | PLANS CK'D. MHZ

PRECAST DECK PANEL DETAILS (1 OF 2)

SHEET 16 OF 25

302

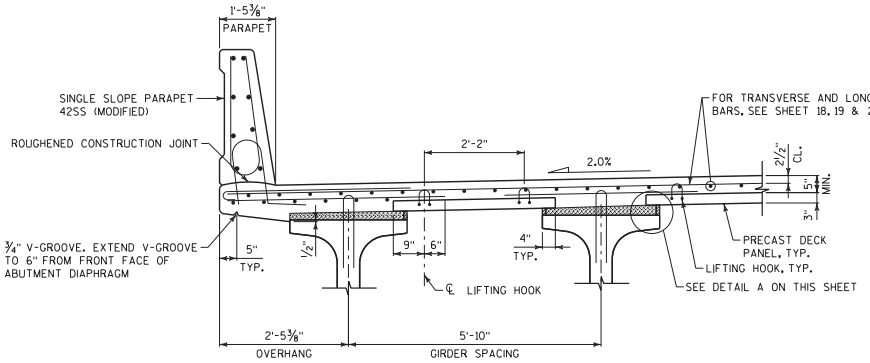
William C. Dreher
5/14/18

8

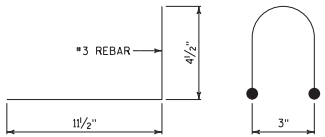
8

FILE NAME : S:\DOT\DOT_SE\170257_1030-20-15_I-94 N-S Fwy Racine County\Structures\B-51-134\8-Inch Deck\cds\B134-080514_ss.dgn PLOT DATE : 2/23/2018 PLOT BY : aschenbrenner PLOT NAME : $FILE$ PLOT SCALE : 1:6

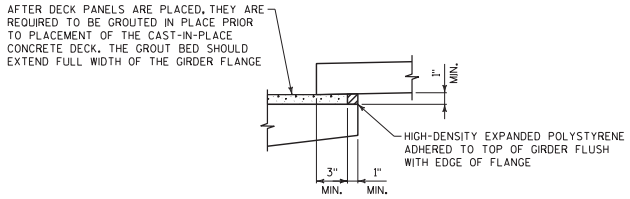
| STATE PROJECT NUMBER |
|---|
| 1030-11-79 |




TRANSVERSE SECTION
(LOOKING NORTH)




LIFTING/CONN. HOOK DETAIL




DETAIL A

## DESIGN DATA

INITIAL PRESTRESSED
FORCE / STRAND = 13.80 KIPS

CONCRETE FOR DECK PANELS
f'ci = 4,400 psi
f'c = 6,000 psi

## NOTES

FOR PRECAST DECK PANEL PLAN, SEE SHEET 15.

FOR SUPERSTRUCTURE REINFORCEMENT DETAILS,
SEE SHEETS 18, 19, & 20.

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May 16, 2018

| NO. | DATE | REVISION | BY |
|---|---|---|---|
| | | | |

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-51-134

DRAWN BY MM | PLANS CK'D. MHZ

William C. Dickinson
5/14/18

PRECAST DECK
PANEL DETAILS
(2 OF 2)

SHEET 17 OF 25

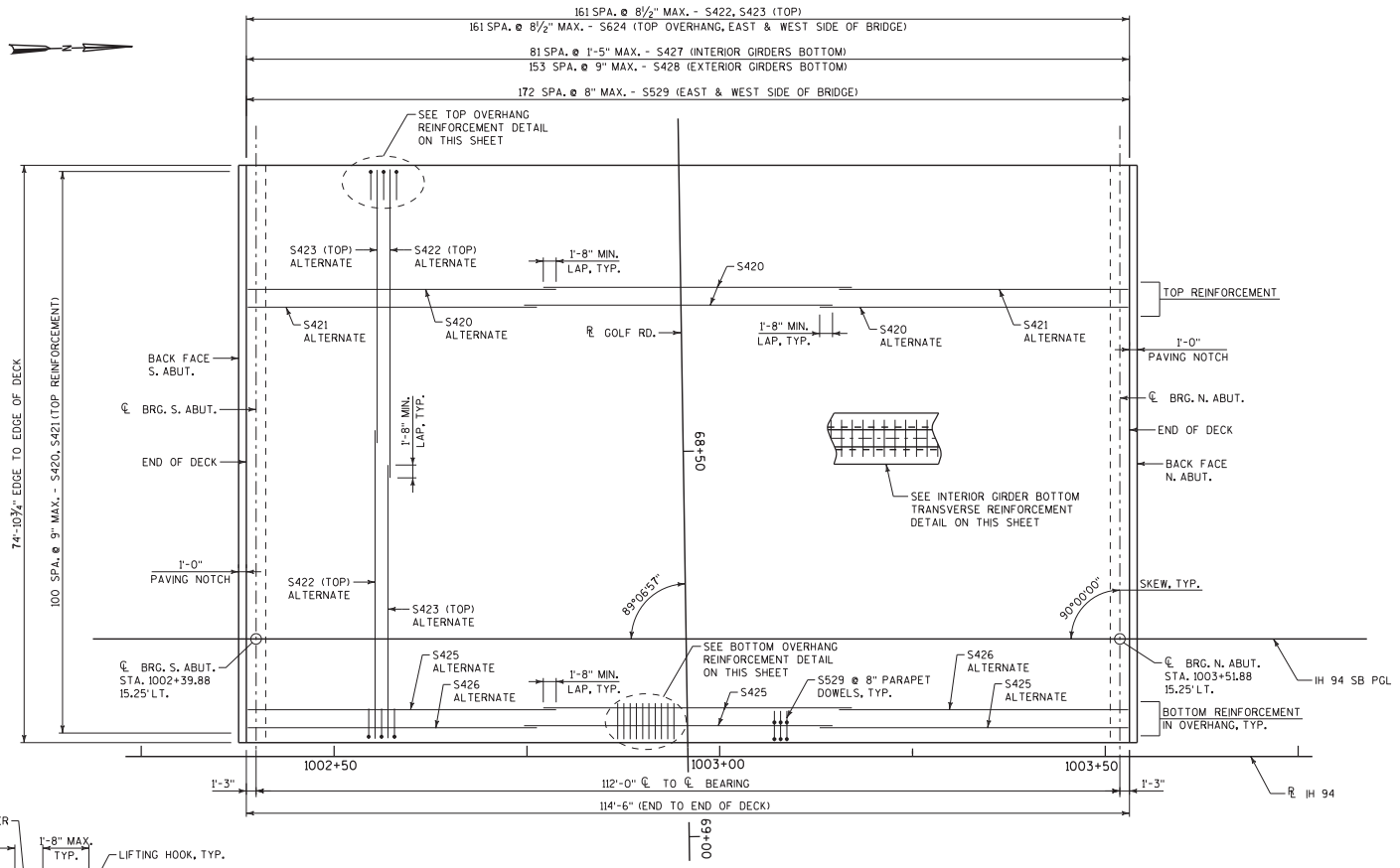
303

8

8

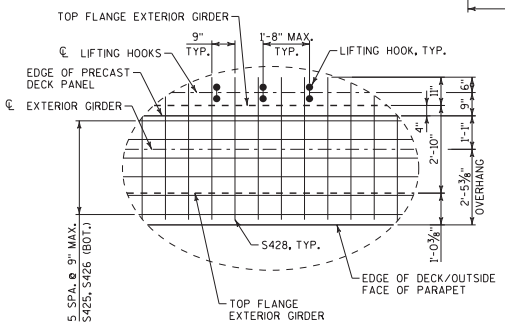
FILE NAME : S:\DOT\DOT_SE\170257_1030-20-15_I-94 N-S Fwy Racine County\Structures\B-51-134\8-Inch Deck\cds\B134-080515_ss.dgn PLOT DATE : 2/23/2018 PLOT BY : aschenbrenner PLOT NAME : $FILE$ PLOT SCALE : 1:6

| STATE PROJECT NUMBER |
|---|
| 1030-11-79 |



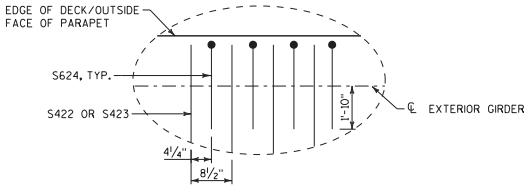

## DECK REINFORCEMENT PLAN

(PARAPET NOT SHOWN FOR CLARITY)



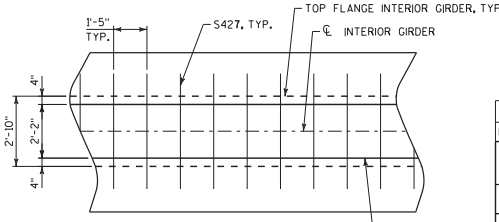

### BOTTOM OVERHANG REINFORCEMENT DETAIL

(PARAPET NOT SHOWN FOR CLARITY)
(S529 PARAPET DOWELS NOT SHOWN FOR CLARITY)




### TOP OVERHANG REINFORCEMENT DETAIL

(LONGITUDINAL BARS NOT SHOWN FOR CLARITY)
(S529 PARAPET DOWELS NOT SHOWN FOR CLARITY)




### INTERIOR GIRDER BOTTOM TRANSVERSE REINFORCEMENT DETAIL

## NOTES

SEE SHEET 19 FOR SUPERSTRUCTURE CROSS SECTION THRU DECK AND DETAILS.

SEE SHEET 20 FOR SUPERSTRUCTURE SECTION THRU DIAPHRAGM AND BILL OF BARS.

SEE SHEET 21 FOR PARAPET REINFORCEMENT.

SEE SHEETS 22 & 23 FOR APPROACH SLAB REINFORCEMENT.

Addendum No. 01
ID 1030-11-79
Revised Sheet 304
May 16, 2018

William C. Dreher
5/14/18

| NO. | DATE | REVISION | BY |
|---|---|---|---|
| | | | |

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-51-134

DRAWN BY AJA | PLANS CK'D. MHZ

SUPERSTRUCTURE REINFORCEMENT PLAN

SHEET 18 OF 25

304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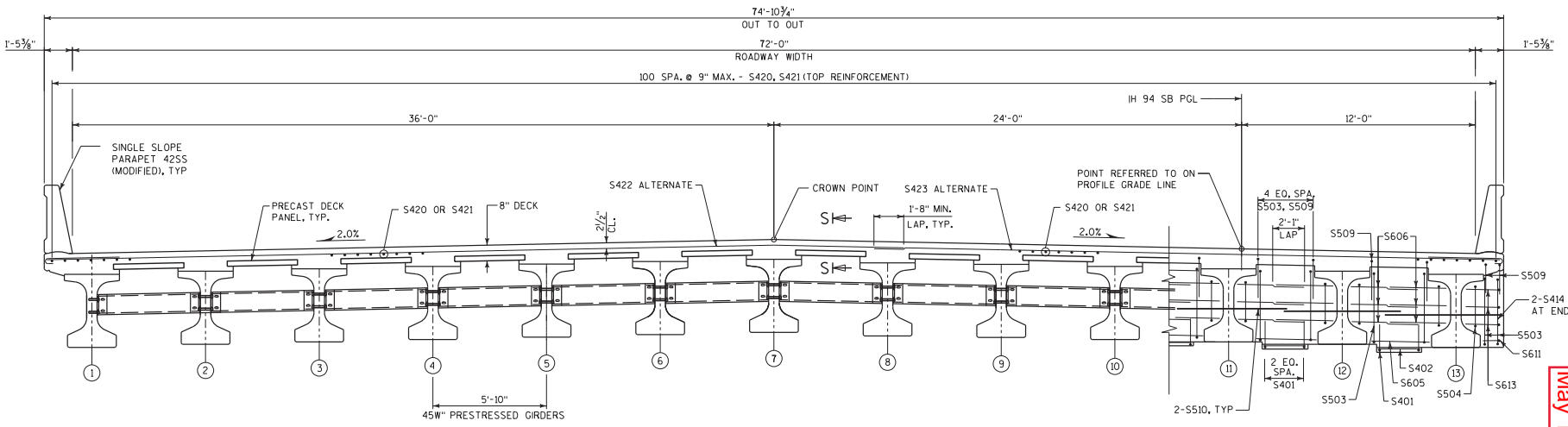
FILE NAME : S:\DOT\DOT_SE\170257_1030-20-15_I-94 N-S Fwy Racine County\Structures\B-51-134\8-Inch Deck\cds\B134-080516_ss.dgn PLOT DATE : 2/23/2018 PLOT BY : daschenbrenner PLOT NAME : $FILE$ PLOT SCALE : 1:16

| STATE PROJECT NUMBER |
|---|
| 1030-11-79 |



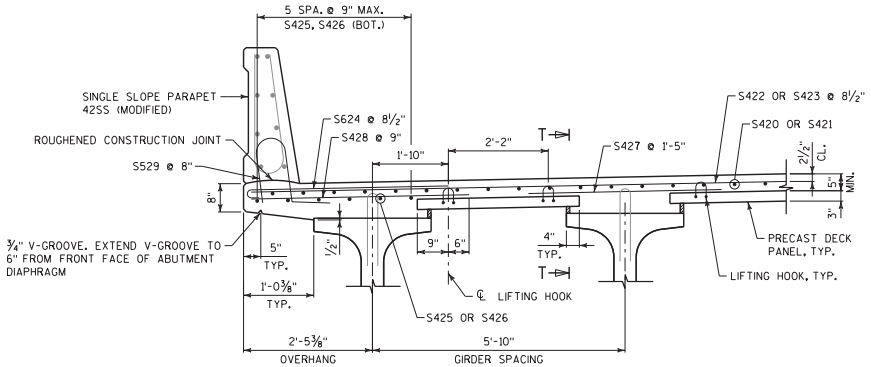

## CONC. DIAPH. AT ABUT

(TYPICAL)

(LONGITUDINAL BACK FACE REINFORCEMENT NOT SHOWN FOR CLARITY)
(PRECAST DECK PANEL NOT SHOWN FOR CLARITY)

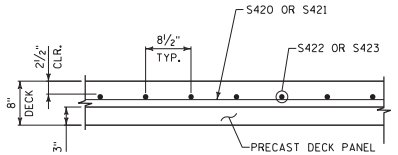
## CROSS SECTION THRU DECK

(LOOKING NORTH)
(TOP MAT REINFORCEMENT SHOWN ONLY)

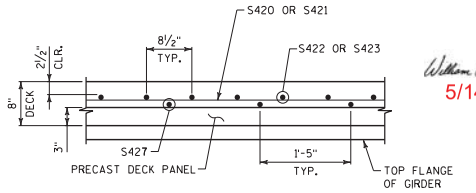



## TRANSVERSE SECTION

(LOOKING NORTH)




## SECTION S-S




## SECTION T-T

## NOTES

SEE SHEET 15 FOR PRECAST DECK PANEL PLAN.

SEE SHEETS 16 & 17 FOR PRECAST DECK PANEL DETAILS.

SEE SHEET 18 FOR SUPERSTRUCTURE REINFORCEMENT PLAN.

SEE SHEET 20 FOR SUPERSTRUCTURE SECTION THRU DIAPHRAGM AND BILL OF BARS.

SEE SHEET 21 FOR PARAPET REINFORCEMENT.

SEE SHEETS 22 & 23 FOR APPROACH SLAB REINFORCEMENT.

William C. Dreher
5/14/18

| NO. | DATE | REVISION | BY |
|---|---|---|---|
| | | | |

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-51-134

DRAWN BY AJA | PLANS CK'D. MHZ

SUPERSTRUCTURE CROSS SECTION

SHEET 19 OF 25

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Addendum No. 01
ID 1030-11-79
Revised Sheet 305
May 16, 2018

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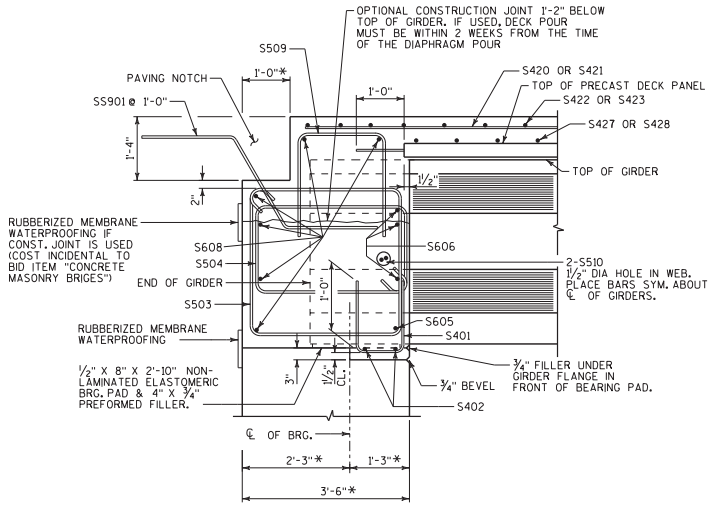
FILE NAME : S:\DOT\DOT_SE\170257_1030-20-15_I-94 N-S Fwy Racine County\Structures\B-51-134\8-Inch Deck\cds\B134-080517_ss.dgn PLOT DATE : 2/23/2018 PLOT BY : daschenbrenner PLOT NAME : $FILE$ PLOT SCALE : 1:5.50014

| STATE PROJECT NUMBER |
|---|
| 1030-11-79 |




## PART LONGITUDINAL SECTION AT ABUTMENT

(CONC. DIAPHRAGM TO EXTEND BETWEEN END TO END OF DECK)
(SEE SHEETS 5, 6, 8 & 9 FOR ABUTMENT BEAM SEAT DETAILS)

Addendum No. 01
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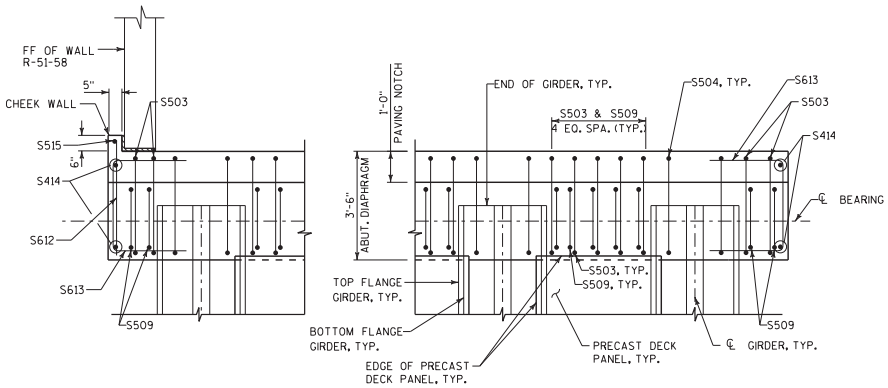
Revised Sheet 306
May 16, 2018

## BILL OF BARS

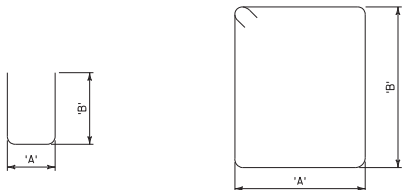
| BAR MARK | COAT | NO. REQ'D. | LENGTH | BENT | BAR SERIES | LOCATION |
|---|---|---|---|---|---|---|
| S401 | X | 72 | 3'-5" | X | - | ABUTMENT DIAPHRAGM - VERT. |
| S402 | X | 48 | 2'-0" | - | - | ABUTMENT DIAPHRAGM - HORIZ. |
| S503 | X | 128 | 13'-4" | X | - | ABUTMENT DIAPHRAGM - STIRRUP |
| S504 | X | 52 | 11'-0" | X | - | ABUTMENT DIAPHRAGM - STIRRUP |
| S605 | X | 24 | 3'-0" | - | - | ABUTMENT DIAPHRAGM F.F. - LONG. |
| S606 | X | 144 | 3'-6" | - | - | ABUTMENT DIAPHRAGM F.F. - LONG. |
| | | | | | | |
| S608 | X | 24 | 39'-1" | - | - | ABUTMENT DIAPHRAGM B.F. - LONG. |
| S509 | X | 128 | 9'-3" | X | - | ABUTMENT DIAPHRAGM - VERT. |
| S510 | X | 52 | 6'-0" | - | - | ABUTMENT DIAPHRAGM THRU GIRDERS - LONG. |
| S611 | X | 4 | 7'-2" | X | - | ABUTMENT DIAPHRAGM END - HORIZ. |
| S612 | X | 8 | 3'-8" | - | - | ABUTMENT DIAPHRAGM CHEEK WALL - HORIZ. |
| S613 | X | 12 | 8'-2" | X | - | ABUTMENT DIAPHRAGM END - HORIZ. |
| S414 | X | 8 | 3'-6" | - | - | ABUTMENT DIAPHRAGM END - VERT. |
| S515 | X | 2 | 3'-6" | - | - | ABUTMENT DIAPHRAGM CHEEK WALL - VERT. |
| | | | | | | |
| S420 | X | 202 | 40'-0" | - | - | DECK TOP - LONG. |
| S421 | X | 101 | 37'-6" | - | - | DECK TOP - LONG. |
| S422 | X | 162 | 40'-0" | - | - | DECK TOP - TRANS. |
| S423 | X | 162 | 36'-3" | - | - | DECK TOP - TRANS. |
| S624 | X | 324 | 4'-10" | X | - | DECK TOP OVERHANG - TRANS. |
| S425 | X | 24 | 40'-0" | - | - | DECK BOTTOM - LONG. |
| S426 | X | 12 | 37'-6" | - | - | DECK BOTTOM - LONG. |
| S427 | X | 869 | 4'-8" | - | - | DECK BOTTOM - TRANS. INTERIOR GIRDERS |
| S428 | X | 296 | 4'-8" | - | - | DECK BOTTOM - TRANS. EXTERIOR GIRDERS |
| S529 | X | 346 | 4'-5" | X | - | PARAPET DOWELS |
| | | | | | | |
| SS901 | - | 152 | 5'-0" | X | - | ABUTMENT DIAPHRAGM TO APPROACH SLAB (STAINLESS STEEL) |

NOTE:
BAR DIMENSIONS ARE OUT TO OUT OF BAR. THE FIRST OR FIRST TWO DIGITS OF A BAR MARK SIGNIFIES THE BAR SIZE




## PARTIAL PLAN ABUTMENT DIAPHRAGM

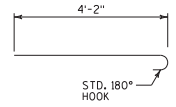
(LONGITUDINAL BARS NOT SHOWN FOR CLARITY)
(NORTH ABUTMENT SHOWN, SOUTH ABUTMENT SIMILAR)



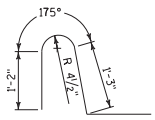

| BAR MARK | DIM. 'A' | DIM. 'B' |
|---|---|---|
| S401 | 0'-11" | 1'-4" |
| S509 | 2'-0" | 3'-9" |

| BAR MARK | DIM. 'A' | DIM. 'B' |
|---|---|---|
| S503 | 3'-2" | 3'-2" |
| S504 | 3'-2" | 2'-0" |

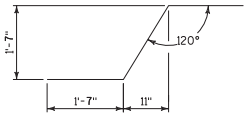
| BAR MARK | DIM. 'A' | DIM. 'B' | DIM. 'C' |
|---|---|---|---|
| S611 | 3'-2" | 3'-6" | 0'-10" |
| S613 | 3'-2" | 3'-6" | 1'-10" |




S624




S529




SS901

## BENDING DIAGRAMS

## NOTES

ALL VERTICAL BAR STEEL REINFORCEMENT IN CONCRETE DIAPHRAGMS SHALL BE PLACED PARALLEL TO THE GIRDERS.

SEE 'SINGLE SLOPE PARAPET 42SS MODIFIED' SHEET FOR PARAPET REINFORCEMENT DETAILS.

William C. Dochnahl
5/14/18

| NO. | DATE | REVISION | BY |
|---|---|---|---|
| | | | |

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-51-134

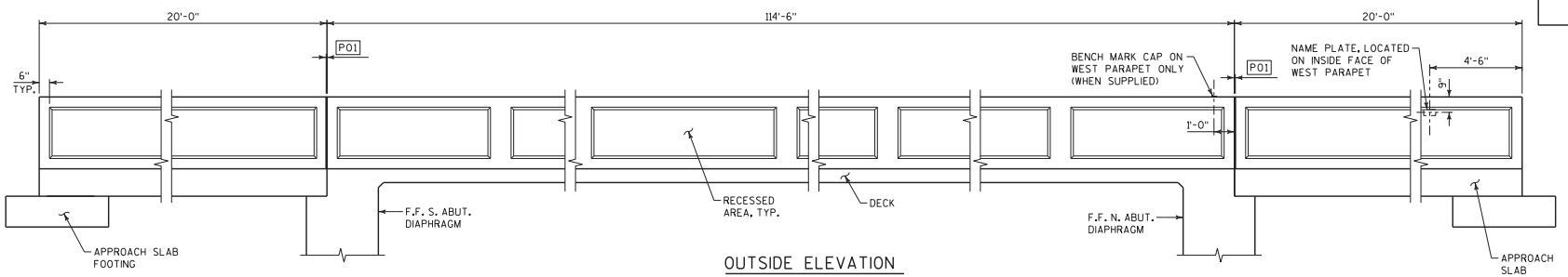
DRAWN BY AJA | PLANS CK'D. MHZ

SUPERSTRUCTURE DETAILS

SHEET 20 OF 25

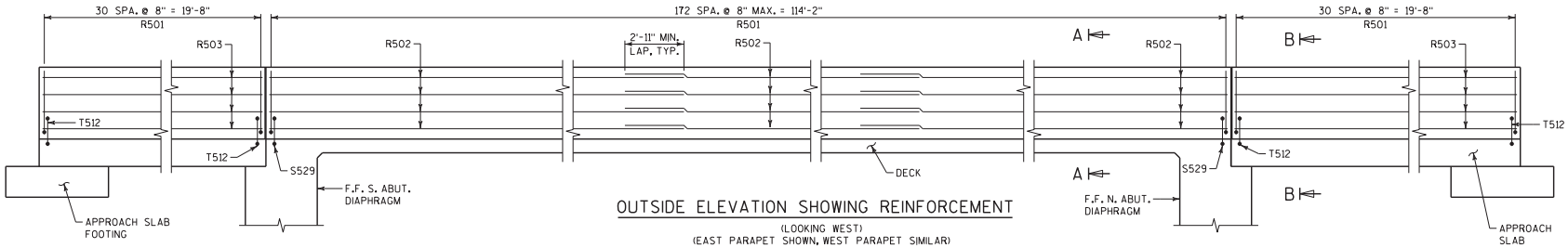
306

| STATE PROJECT NUMBER |
|---|
| 1030-11-79 |



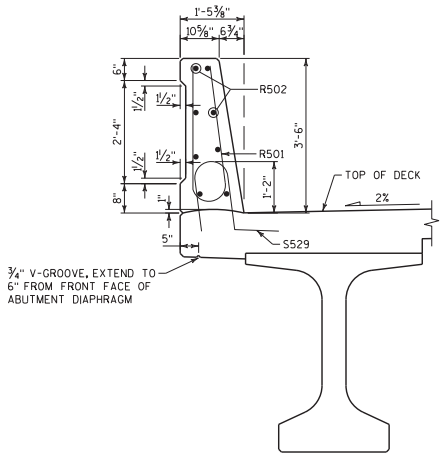

OUTSIDE ELEVATION

(LOOKING WEST)
(EAST PARAPET SHOWN, WEST PARAPET SIMILAR)

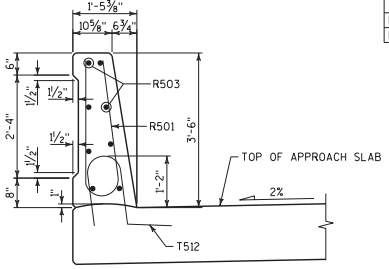



OUTSIDE ELEVATION SHOWING REINFORCEMENT

(LOOKING WEST)
(EAST PARAPET SHOWN, WEST PARAPET SIMILAR)



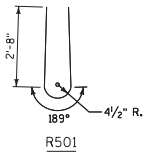

SECTION A-A




SECTION B-B

## BILL OF BARS

| BAR MARK | COAT | NO REQ'D | LENGTH | BENT | BAR SERIES | LOCATION |
|---|---|---|---|---|---|---|
| R501 | X | 470 | 6'-8" | X | - | PARAPET - VERTICAL |
| R502 | X | 48 | 40'-0" | - | - | PARAPET - LONG. OVER DECK |
| R503 | X | 32 | 19'-8" | - | - | PARAPET - LONG. OVER APPROACH SLAB |




R501

BENDING DIAGRAM

## LEGEND

P01 SEAL ALL EXPOSED HORIZONTAL AND VERTICAL SURFACES OF ½" FILLER WITH NON-BITUMINOUS JOINT SEALER. (1" DEEP AND HOLD ⅛" BELOW SURFACE OF CONCRETE). EXTEND SEALER 3" BELOW GUTTER LINE AT INSIDE FACE.

## NOTE

FOR PARAPET AESTHETIC DETAILS, SEE SHEET 24.

Addendum No. 01
ID 1030-11-79
Revised Sheet 307
May 16, 2018

| NO. | DATE | REVISION | BY |
|---|---|---|---|
| | | | |

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-51-134

DRAWN BY MM | PLANS CK'D. MHZ

SINGLE SLOPE PARAPET 42SS MODIFIED

SHEET 21 OF 25

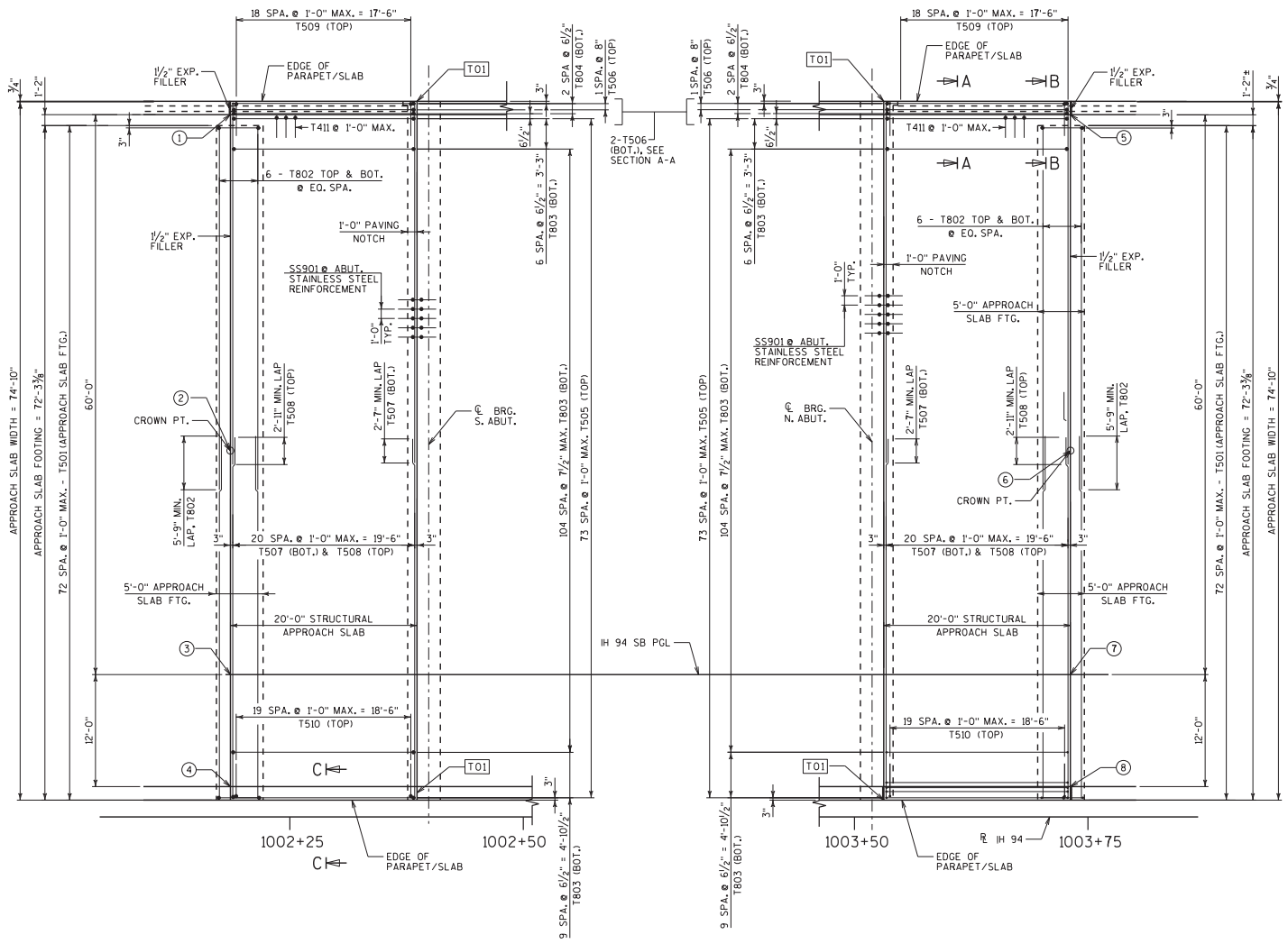
307

William C. Dreher
5/14/18

8

8

| STATE PROJECT NUMBER |
|---|
| 1030-11-79 |




STRUCTURAL APPROACH SLAB PLAN

## LEGEND

1. STA. 1002+18.63, 75.25' LT., EL. 765.62
2. STA. 1002+18.63, 39.25' LT., EL. 766.34
3. STA. 1002+18.63, 15.25' LT., EL. 765.86
4. STA. 1002+18.63, 3.25' LT., EL. 765.62
5. STA. 1003+73.13, 75.25' LT., EL. 765.20
6. STA. 1003+73.13, 39.25' LT., EL. 765.92
7. STA. 1003+73.13, 15.25' LT., EL. 765.44
8. STA. 1003+73.13, 3.25' LT., EL. 765.20

T01 SEAL ALL EXPOSED HORIZONTAL AND VERTICAL SURFACES OF ½" FILLER WITH NON-STAINING NON-BITUMINOUS JOINT SEALER. (1" DEEP AND HOLD ⅛" BELOW SURFACE OF CONCRETE. EXTEND SEALER 3" BELOW GUTTER LINE AT INSIDE FACE. COLOR TO MATCH CONCRETE STAIN.

## NOTES

FOR SECTIONS A-A, B-B & C-C, SEE SHEET 23.

FOR REINFORCEMENT BILL OF BARS, SEE SHEET 23.

FOR STAINLESS STEEL REINFORCEMENT, SEE SHEETS 20 & 23.

FOR PARAPET REINFORCEMENT, SEE SHEET 21.

IN ADDITION TO THE AREAS OUTLINED IN THE STANDARD SPECIFICATIONS, APPLY PROTECTIVE SURFACE TREATMENT TO THE TOP OF APPROACH SLAB SURFACE. APPLY PIGMENTED SURFACE SEALER TO THE TOP OF PARAPET, INSIDE FACES OF PARAPETS, AND AREAS SHOWN IN THE APPROACH SLAB SECTION.

THE APPROACH SLAB SHALL HAVE LONGITUDINAL GROOVING. SEE SPECIAL PROVISIONS.

Addendum No. 01
ID 1030-11-79
Revised Sheet 308
May 16, 2018

| NO. | DATE | REVISION | BY |
|---|---|---|---|
| | | | |

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-51-134

DRAWN BY MM | PLANS CK'D. MHZ

STRUCTURAL APPROACH SLAB

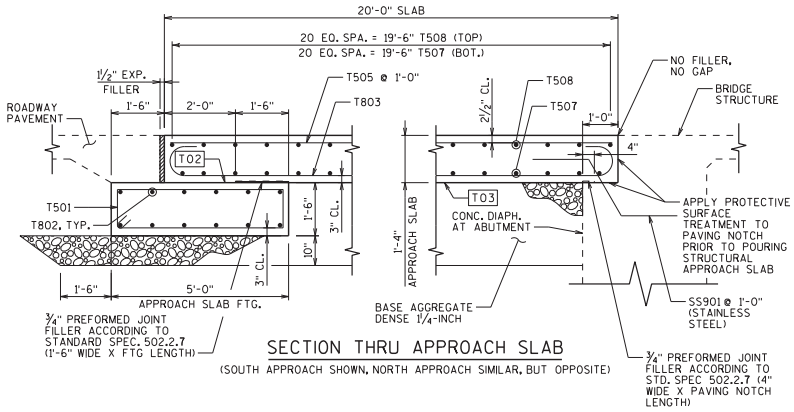
SHEET 22 OF 25

308

William C. Dachenbrenner 5/14/18

FILE NAME : S:\DOT\DOT_SE\170257_1030-20-15_I-94 N-S Fwy Racine County\Structures\B-51-134\8-Inch Deck\cds\B134-080701_as.dgn PLOT DATE : 2/23/2018 PLOT BY : aschenbrenner PLOT NAME : $FILE$ PLOT SCALE : 1:12

| STATE PROJECT NUMBER |
|---|
| 1030-11-79 |




SECTION THRU APPROACH SLAB

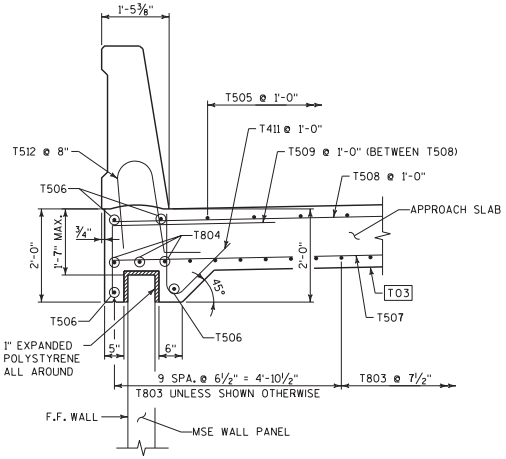
(SOUTH APPROACH SHOWN, NORTH APPROACH SIMILAR, BUT OPPOSITE)

Addendum No. 01
ID 1030-11-79
Added Sheet 308A
May 16, 2018

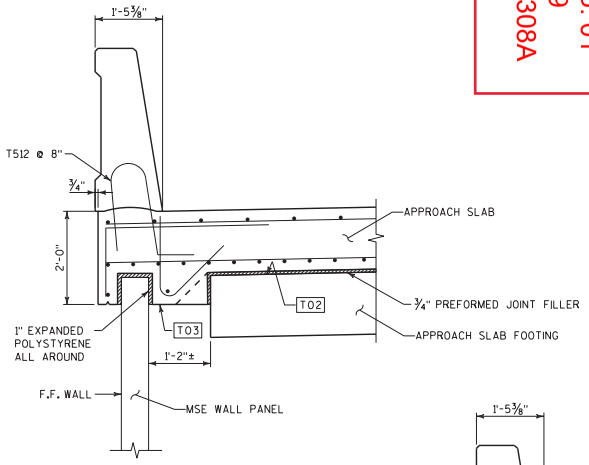
## BILL OF BARS

| BAR MARK | COAT | NO. | LENGTH | BENT | SERIES | LOCATION |
|---|---|---|---|---|---|---|
| T501 | X | 148 | 12'-0" | X | - | APPROACH SLAB FOOTING - STIRRUP |
| T802 | X | 48 | 39'-1" | - | - | APPROACH SLAB FOOTING - TRANS. |
| T803 | X | 240 | 21'-5" | X | - | APPORACH SLAB BOTTOM - LONG. |
| T804 | X | 6 | 19'-7" | - | - | APPORACH SLAB WALL - LONG. |
| T505 | X | 148 | 19'-7" | - | - | APPORACH SLAB TOP - LONG. |
| T506 | X | 8 | 18'-7" | - | - | APPORACH SLAB WALL - LONG. |
| T507 | X | 84 | 38'-7" | - | - | APPROACH SLAB BOTTOM - TRANS. |
| T508 | X | 84 | 38'-9" | - | - | APPROACH SLAB TOP - TRANS. |
| T509 | X | 38 | 4'-10" | X | - | APPROACH SLAB TOP WALL - TRANS. |
| T510 | X | 40 | 4'-1" | X | - | APPROACH SLAB TOP - TRANS. |
| T411 | X | 42 | 3'-0" | X | - | APPROACH SLAB WALL - TRANS. |
| T512 | X | 124 | 4'-5" | X | - | APPROACH SLAB PARAPET DOWELS |

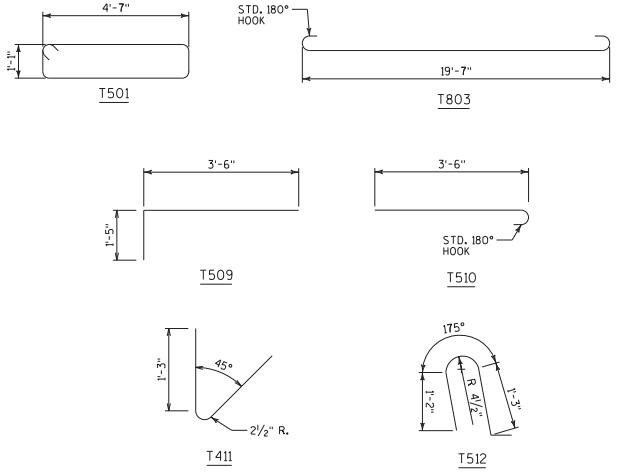
NOTE:
BAR DIMENSIONS ARE OUT TO OUT OF BAR. THE FIRST OR FIRST TWO DIGITS OF A BAR MARK SIGNIFIES THE BAR SIZE



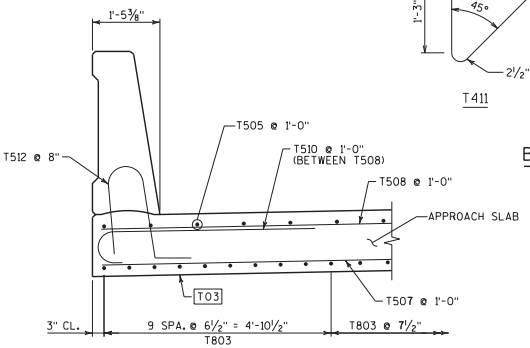

SECTION A-A




SECTION B-B




## BENDING DIAGRAMS




SECTION C-C

## NOTES

SEE SHEET "SUPERSTRUCTURE DETAILS" FOR BILL OF BARS REINFORCING QUANTITIES AND DETAILS.

SEE SHEET "SINGLE SLOPE PARAPET 42SS MODIFIED" FOR PARAPET REINFORCING TIE PLACEMENT REQUIRED IN THE APPROACH SLABS.

IN ADDITION TO THE AREAS OUTLINED IN THE STANDARD SPECIFICATIONS, APPLY PROTECTIVE SURFACE TREATMENT TO THE TOP OF APPROACH SLAB SURFACE. APPLY PIGMENTED SURFACE SEALER TO THE TOP OF PARAPET, INSIDE FACES OF PARAPETS, AND AREAS SHOWN IN THE APPROACH SLAB SECTION.

THE APPROACH SLAB SHALL HAVE LONGITUDINAL GROOVING. SEE SPECIAL PROVISIONS.

## LEGEND

T02 STEEL TROWEL TOP SURFACE OF FOOTING AND PLACE MULTIPLE LAYERS (0.03" MIN. TOTAL THK.) OF POLYETHYLENE SHEETS OVER THE ENTIRE TOP OF FOOTING.

T03 PLACE MULTIPLE LAYERS (0.03" MIN. TOTAL THK.) OF POLYETHYLENE SHEETS OVER THE ENTIRE SUBGRADE BENEATH SLAB. INCIDENTAL TO "HPC MASONRY STRUCTURES".

William C. Dudenhoeffer
5/14/18

| NO. | DATE | REVISION | BY |
|---|---|---|---|
| | | | |

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-51-134

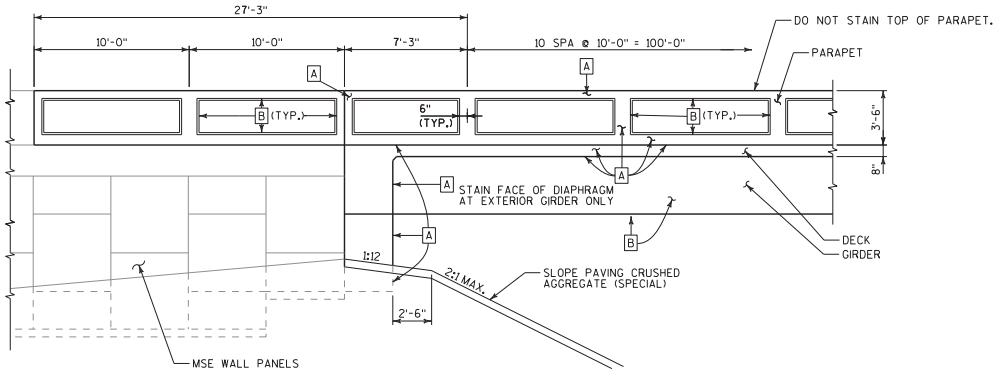
DRAWN BY MM | PLANS CK'D. MHZ

STRUCTURAL APPROACH SLAB DETAILS

SHEET 23 OF 25

308A

| STATE PROJECT NUMBER |
|---|
| 1030-11-79 |




ELEVATION OF ABUTMENT & PARAPET

## CONCRETE STAINING SCHEDULE

| MARK | COLOR | LOCATION | NOTES |
|---|---|---|---|
| A | BASE COLOR | SINGLE SLOPE PARAPET | EXTERIOR SIDE, EXCEPT AS NOTED FOR ACCENT COLORS |
| | | DECK | FASCIA & EXPOSED UNDERSIDE TO EXTERIOR GIRDER FLANGE |
| | | ABUTMENTS | EXTERIOR ENDS OF ABUTMENT TO 1'-0" BELOW FINAL GRADE, FRONT FACE FROM BEAM SEAT TO 1'-0" BELOW FINAL GRADE |
| | | DIAPHRAGMS | UNDERSIDE OF DECK TO TOP OF ABUTMENT AT EXTERIOR GIRDERS ONLY |
| B | ACCENT COLOR #1 | SINGLE SLOPE PARAPET | RECESSED PANELS ON EXTERIOR SIDES |
| | | GIRDERS | EXTERIOR FACE AND UNDERSIDE OF EXTERIOR GIRDERS |

## STAIN COLORS:

THE FINAL COLOR OF THE CONCRETE FOLLOWING APPLICATION OF THE STAIN SYSTEM SHALL MATCH THE FEDERAL STANDARD COLOR SYSTEM LISTED BELOW:

BASE COLOR : 33564
ACCENT COLOR #1: 33448

Addendum No. 01
ID 1030-11-79
Added Sheet 308B
May 16, 2018

| NO. | DATE | REVISION | BY |
|---|---|---|---|
| | | | |

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-51-134

DRAWN BY MM | PLANS CK'D. MHZ

William C. Duchac
5/14/18

AESTHETIC DETAILS

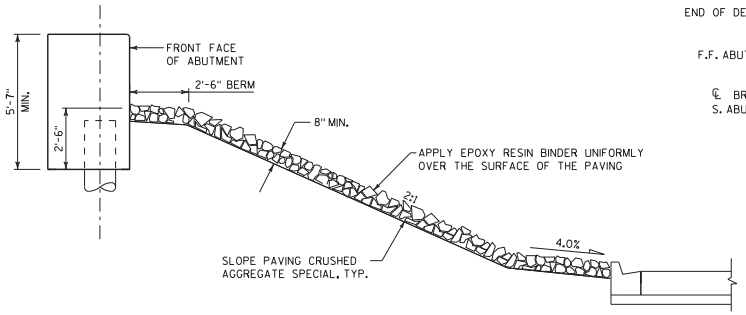
SHEET 24 OF 25

308B

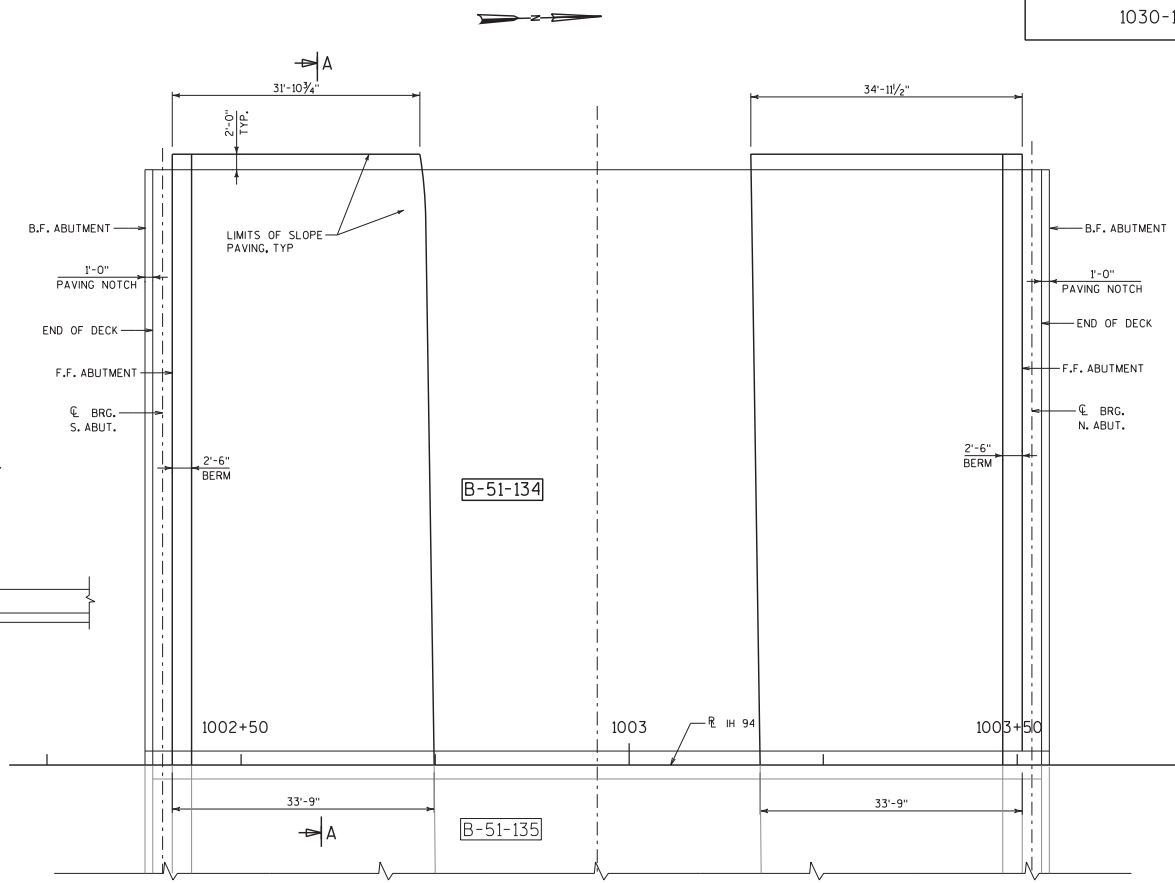
8

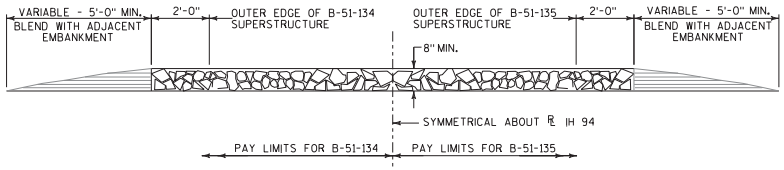
8

| STATE PROJECT NUMBER |
|---|
| 1030-11-79 |




TYPICAL SECTION




SECTION A-A

Addendum No. 01
ID 1030-11-79
Added Sheet 308C
May 16, 2018

William C. Dachel
5/14/18

| NO. | DATE | REVISION | BY |
|---|---|---|---|
| | | | |

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-51-134

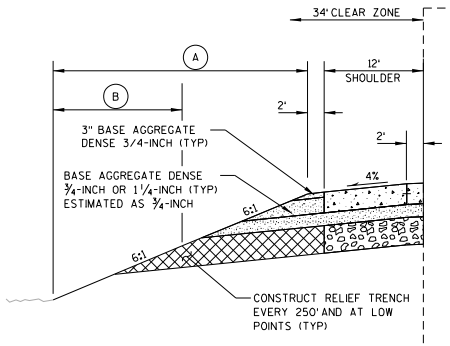
DRAWN BY AJA | PLANS CK'D. MHZ

SLOPE PAVING DETAILS

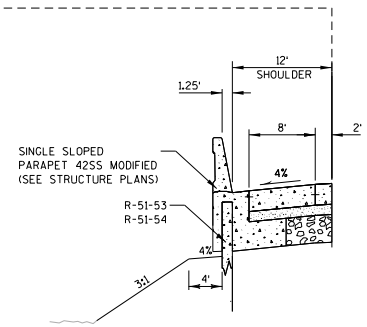
SHEET 25 OF 25

308C

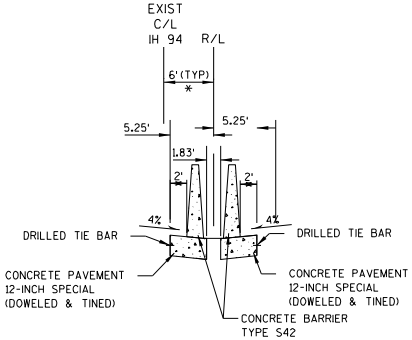
FILE NAME : S:\DOT\DOT_SE\170257_1030-20-15_I-94 N-S Fwy Racine County\Structures\B-51-134\8-Inch Deck\cds\B134-080802_sp.dgn PLOT DATE : 2/23/2018 PLOT BY : aschenbrenner PLOT NAME : $FILE$ PLOT SCALE : 1:16



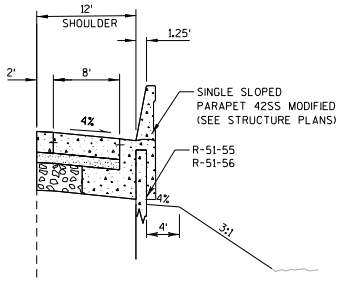

STA 895+00.00 TO STA 904+70.00
STA 937+25.00 TO STA 956+00.00



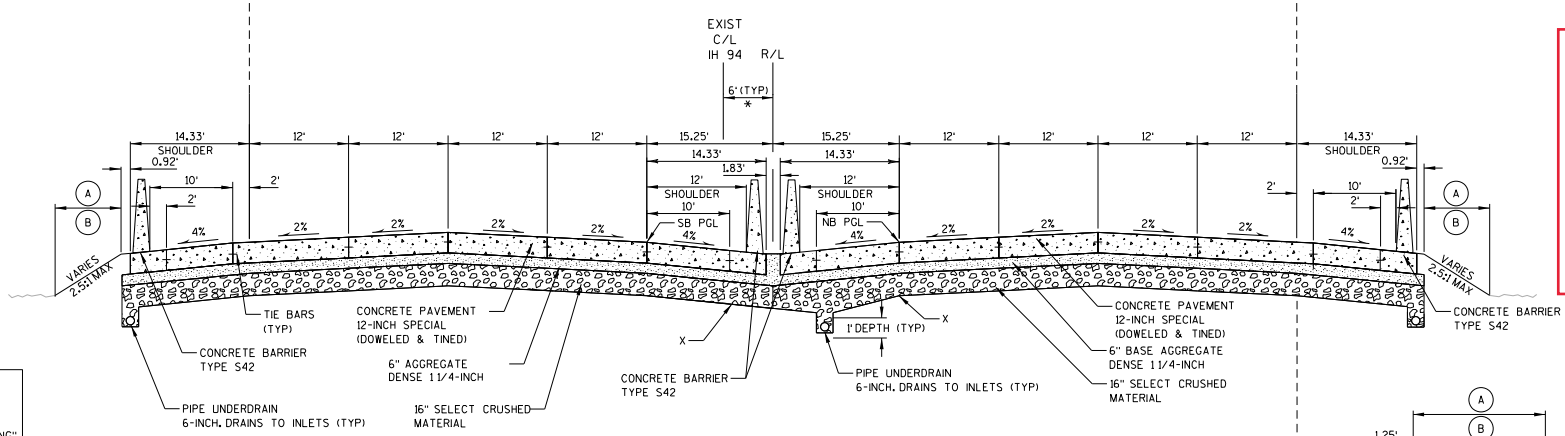

STA 910+47.61 TO STA 922+96.94
STA 924+12.78 TO STA 934+82.11




TYPICAL FINISHED SECTION
IH 94
STA 880+00.00 TO STA 889+00.00




STA 904+96.61 TO STA 923+26.94
STA 923+87.78 TO STA 935+53.11




CONCRETE SHOULDER RUMBLE STRIPS

(SEE STANDARD DETAIL DRAWING "SHOULDER RUMBLE STRIP - MILLING" FOR CONCRETE SHOULDER RUMBLE STRIP DETAILS)

SOUTHBOUND

OUTSIDE SHOULDER
STA 895+00 TO STA 922+62
STA 924+47 TO STA 968+00
(MILL IN STAGE 4)

MEDIAN SHOULDER
STA 895+00 TO STA 922+62
STA 924+47 TO STA 968+00
(MILL IN STAGE 5A)

NORTHBOUND

OUTSIDE SHOULDER
STA 895+00 TO STA 922+62
STA 924+47 TO STA 968+00
(MILL IN STAGE 5B)

MEDIAN SHOULDER
STA 895+00 TO STA 922+62
STA 924+47 TO STA 968+00
(MILL IN STAGE 5A)

NOTE:

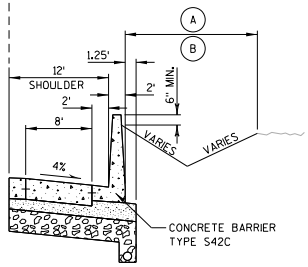
PGL = POINT REFERRED TO ON PROFILE
X = POINT REFERRED TO ON CROSS SECTION

EBS DEPTH SHALL BE ONE-FOOT BELOW BOTTOM OF THE NORTHBOUND 16-INCH SELECT CRUSHED MATERIAL FROM STA. 962+00 TO STA. 966+00

*FROM STA 930+00 TO 968+00, EXISTING C/L VARIES FROM 6'LT TO 6'RT OF PROPOSED R/L

TYPICAL FINISHED SECTION
IH 94

STA 895+00.00 TO STA 923+00.00
STA 924+10.00 TO STA 968+00.00




STA 895+00.00 TO STA 897+50.00

LEGEND:

(A) SEEDING MIXTURE NO. 30 SPECIAL AND FERTILIZER TYPE B SPECIAL

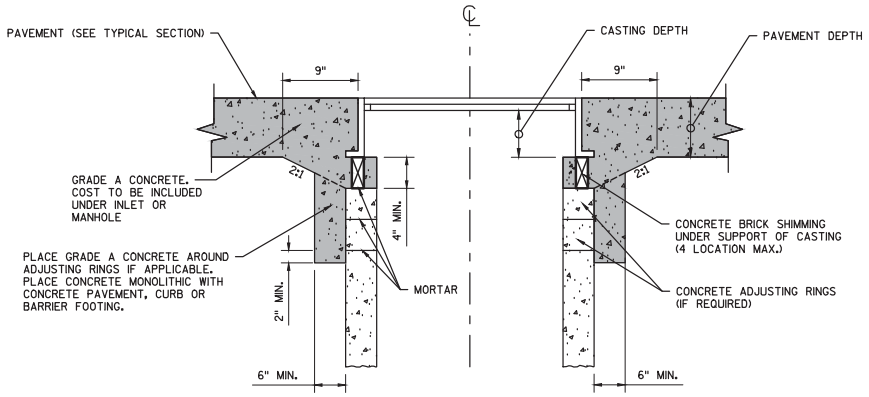
(B) 4" SALVAGED TOPSOIL AND MULCHING OR EROSION MAT

Addendum No. 01
ID 1030-11-80
Revised Sheet 9
May 16, 2018

| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | TYPICAL SECTIONS | SHEET 9 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\16\16MS\16S Rubblizing Removal\CDS\020302_ts.dgn | PLOT DATE : 5/11/2018 | PLOT BY : dks | PLOT NAME : $FILE$ | PLOT SCALE : 1:15

WISDOT/CADDS SHEET 42




NOTES

(1) PROVIDE MONOLITHIC CONCRETE SHIMMING FOR FINAL ADJUSTMENT OF DRAINAGE STRUCTURES LOCATED WITHIN THE ROADWAY CONCRETE PAVEMENT AND CONCRETE CURB & GUTTER.

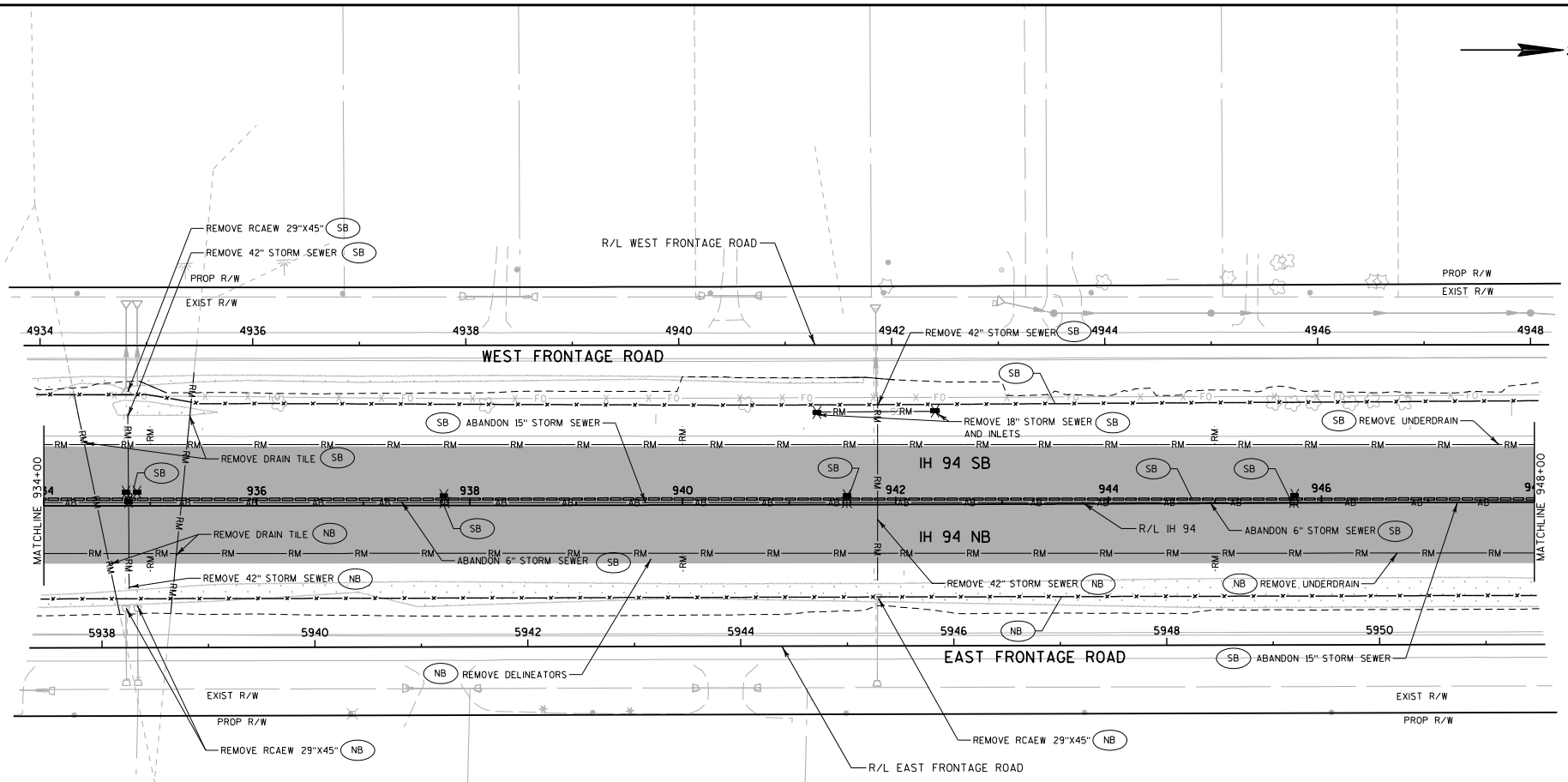
MONOLITHIC CONCRETE

MONOLITHIC CONCRETE SHIMMING DETAIL

Addendum No. 01
ID 1030-11-80
Added Sheet 43A
May 16, 2018

| PROJECT NO:1030-11-80 | HWY:IH 94 (20-K) S. LEG | COUNTY:RACINE | CONSTRUCTION DETAILS | SHEET 43A | E |
|---|---|---|---|---|---|

FILE NAME : C:\USERS\AKS\APPDATA\LOCAL\MICROSOFT\WINDOWS\TEMPORARY INTERNET FILES\CONTENT.OUTLOOK\7MBNHBVR\13600971_CD.DWG
LAYOUT NAME - ****
PLOT DATE : 5/9/2018 1:06 PM PLOT BY : AARON SCHRAMM PLOT NAME : PLOT SCALE : 1 IN:2 FT
WISDOT/CADDS SHEET 42




Addendum No. 01
ID 1030-11-80
Revised Sheet 48
May 16, 2018

REMOVAL LEGEND

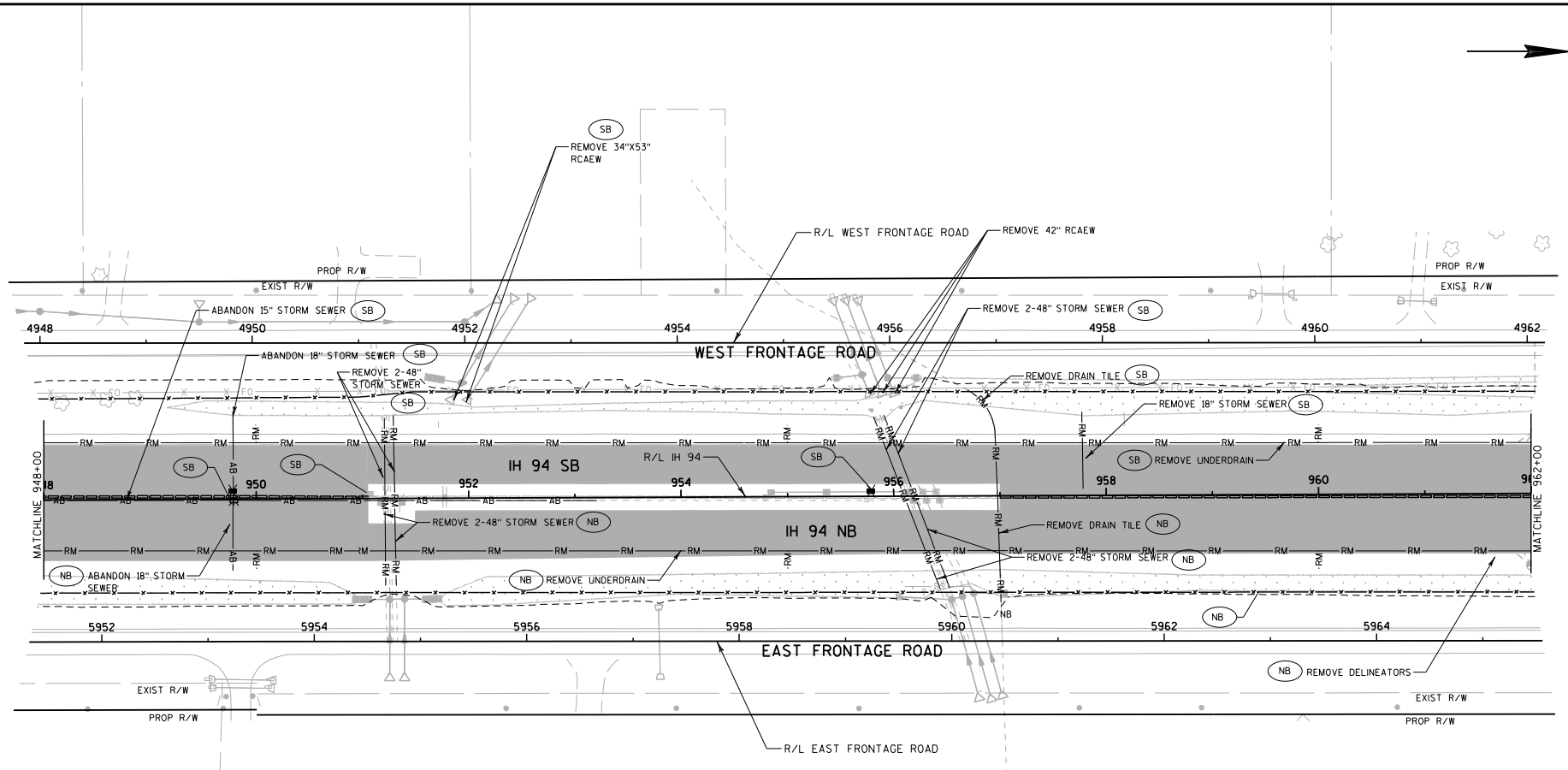
- CLEARING AND GRUBBING (I.D.)
- CLEARING AND GRUBBING (STA.)
- REMOVING PAVEMENT
- REMOVING CURB AND GUTTER
- REMOVING CONCRETE BARRIER
- REMOVING FENCE
- REMOVING GUARDRAIL
- REMOVING INLETS
- ABANDONING INLETS
- REMOVING MANHOLES
- SLOPE INTERCEPT
- RM – REMOVING STORM SEWER, CULVERTS, OR DRAIN TILE
- AB – ABANDON STORM SEWER, CULVERTS, OR DRAIN TILE

STAGING LEGEND

- NB – NB CONSTRUCTION
- SB – SB CONSTRUCTION

| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | REMOVAL PLANS: MAINLINE | SHEET 48 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\16\16MS\16S Rubblizing Removal\CDS\021104_RM.dgn PLOT DATE : 5/11/2018 PLOT BY : aks PLOT NAME : PLOT SCALE : 1:100.002




REMOVAL LEGEND

- CLEARING AND GRUBBING (L.D.)
- CLEARING AND GRUBBING (STA.)
- REMOVING PAVEMENT
- REMOVING CURB AND GUTTER
- REMOVING CONCRETE BARRIER
- REMOVING FENCE
- REMOVING GUARDRAIL
- REMOVING INLETS
- ABANDONING INLETS
- REMOVING MANHOLES
- SLOPE INTERCEPT
- RM – REMOVING STORM SEWER, CULVERTS, OR DRAIN TILE
- AB – ABANDON STORM SEWER, CULVERTS, OR DRAIN TILE

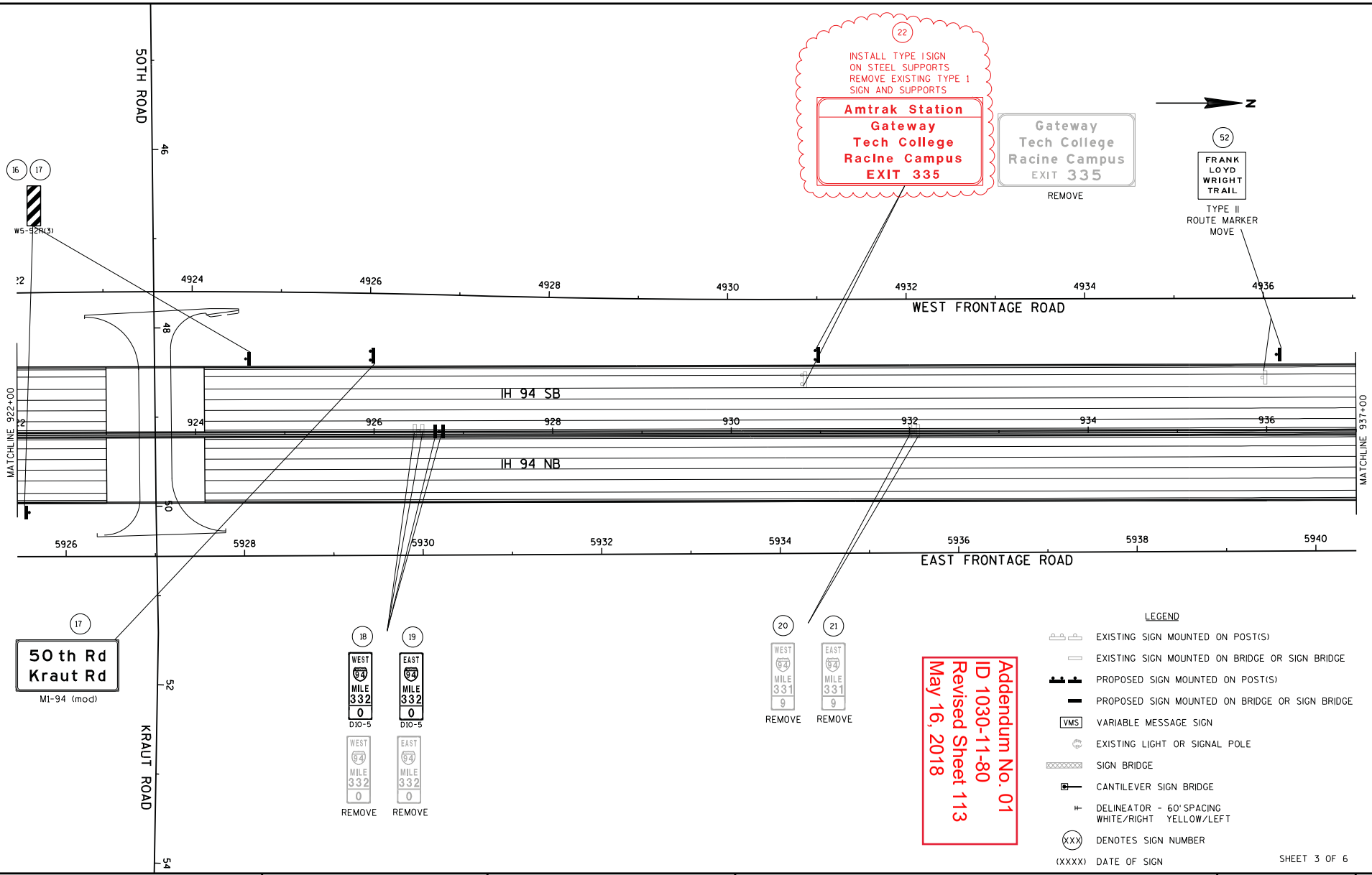
STAGING LEGEND

- NB – NB CONSTRUCTION
- SB – SB CONSTRUCTION

Addendum No. 01
ID 1030-11-80
Revised Sheet 49
May 16, 2018

| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | REMOVAL PLANS: MAINLINE | SHEET 49 | E |
|---|---|---|---|---|---|

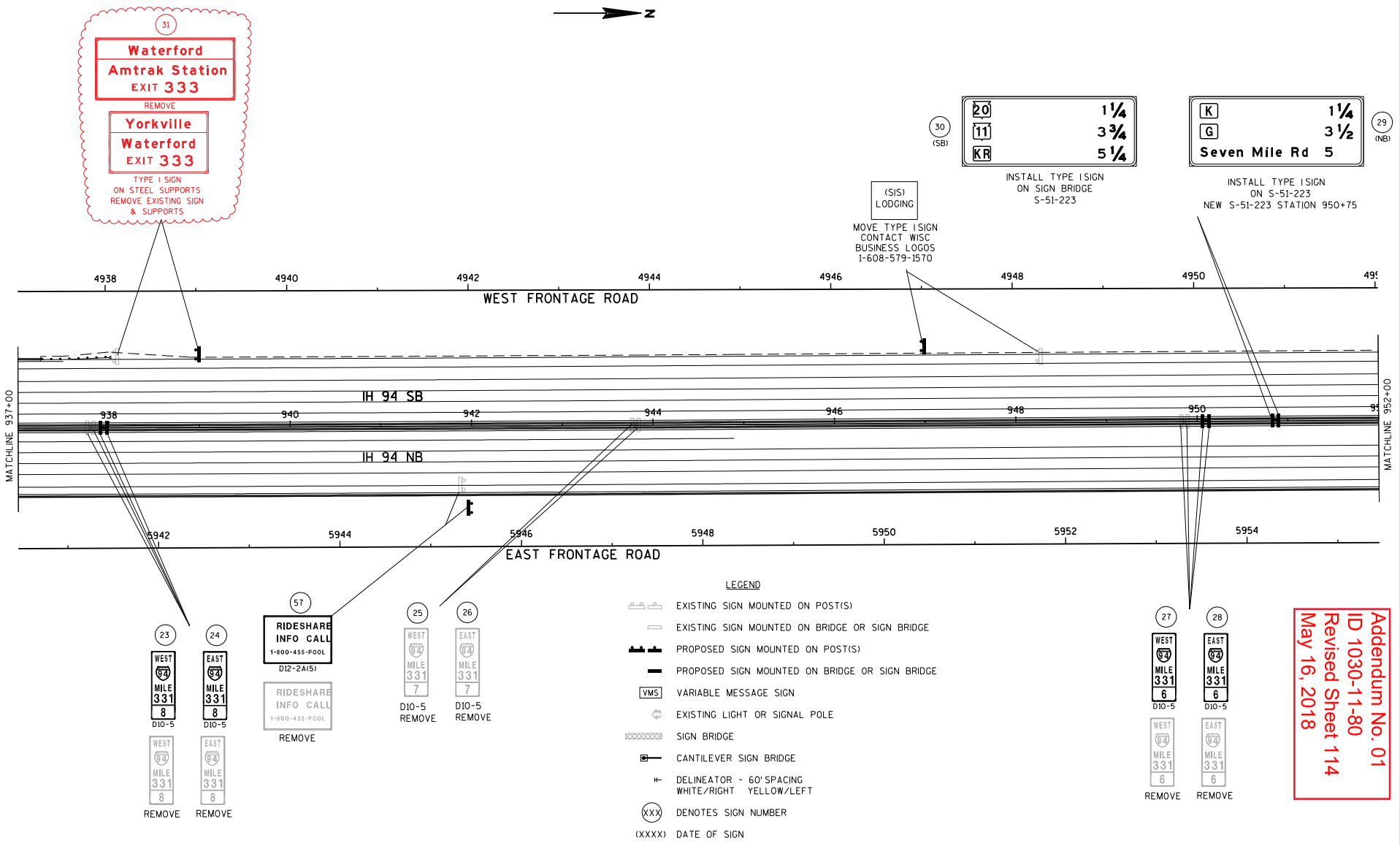
FILE NAME : Z:\Racine\CADDS\16\16MS\16S Rubblizing Removal\CDS\021105_RM.dgn PLOT DATE : 5/11/2018 PLOT BY : dks PLOT NAME : PLOT SCALE : 1:100.002 WISDOT/CADDS SHEET 43




| PROJECT NO: 1030-11-80 | HWY: IH 94 (20-K) S. LEG | COUNTY: RACINE | PERMANENT SIGNING: MAINLINE | SHEET 113 | E |
|---|---|---|---|---|---|

FILE NAME : J:\projects\d2_10301194\80\023223_ps.dgn PLOT DATE : 01-MAY-2018 15:34 PLOT BY : dotshw PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42



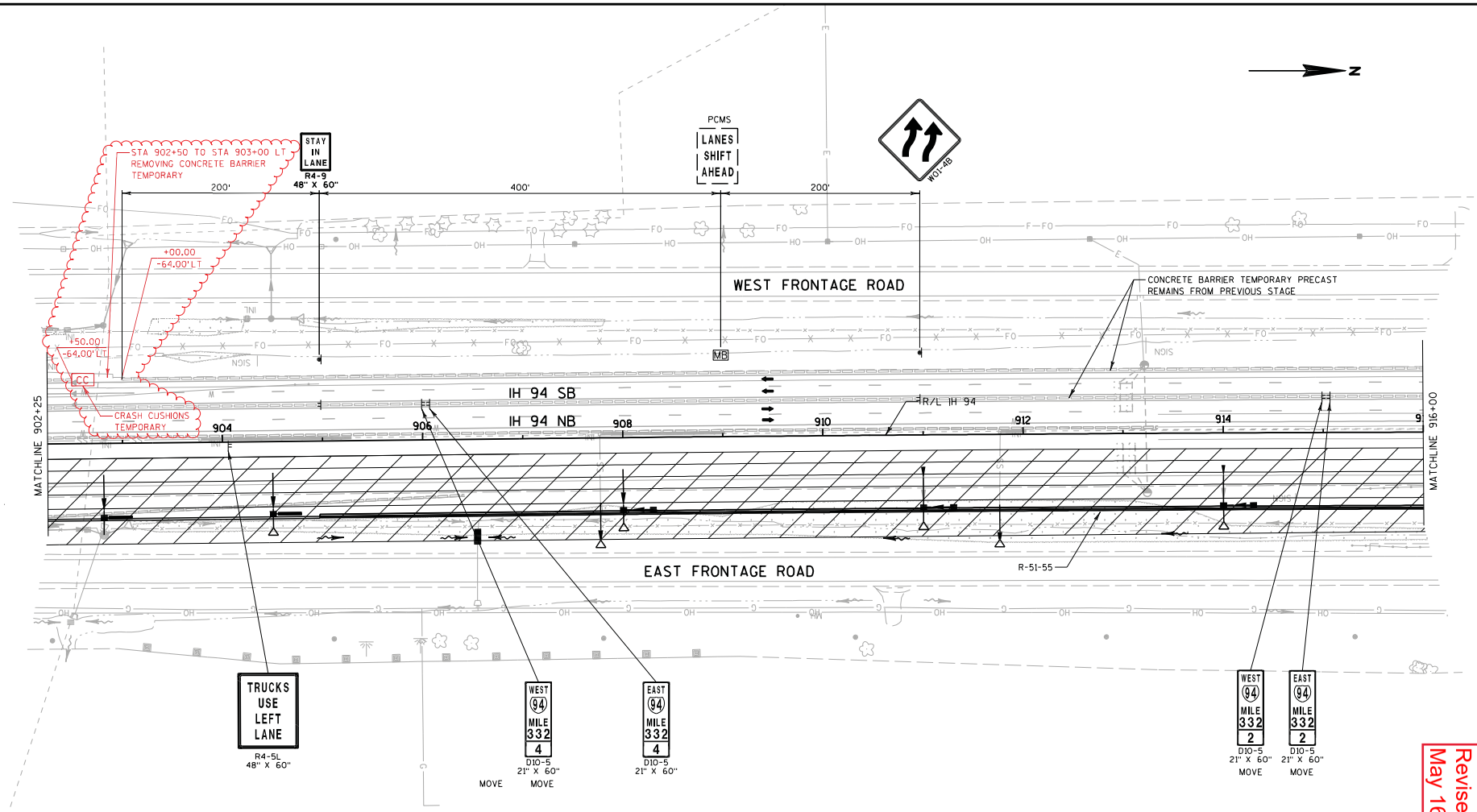

Addendum No. 01
ID 1030-11-80
Revised Sheet 114
May 16, 2018

SHEET 4 OF 6

| PROJECT NO: 1030-11-80 | HWY: IH 94 (20-K) S. LEG | COUNTY: RACINE | PERMANENT SIGNING: MAINLINE | SHEET 114 | E |
|---|---|---|---|---|---|

FILE NAME : J:\projects\d2_10301194\80\023224_ps.dgn PLOT DATE : 01-MAY-2018 15:34 PLOT BY : dotshw PLOT NAME : PLOT SCALE : 100:1

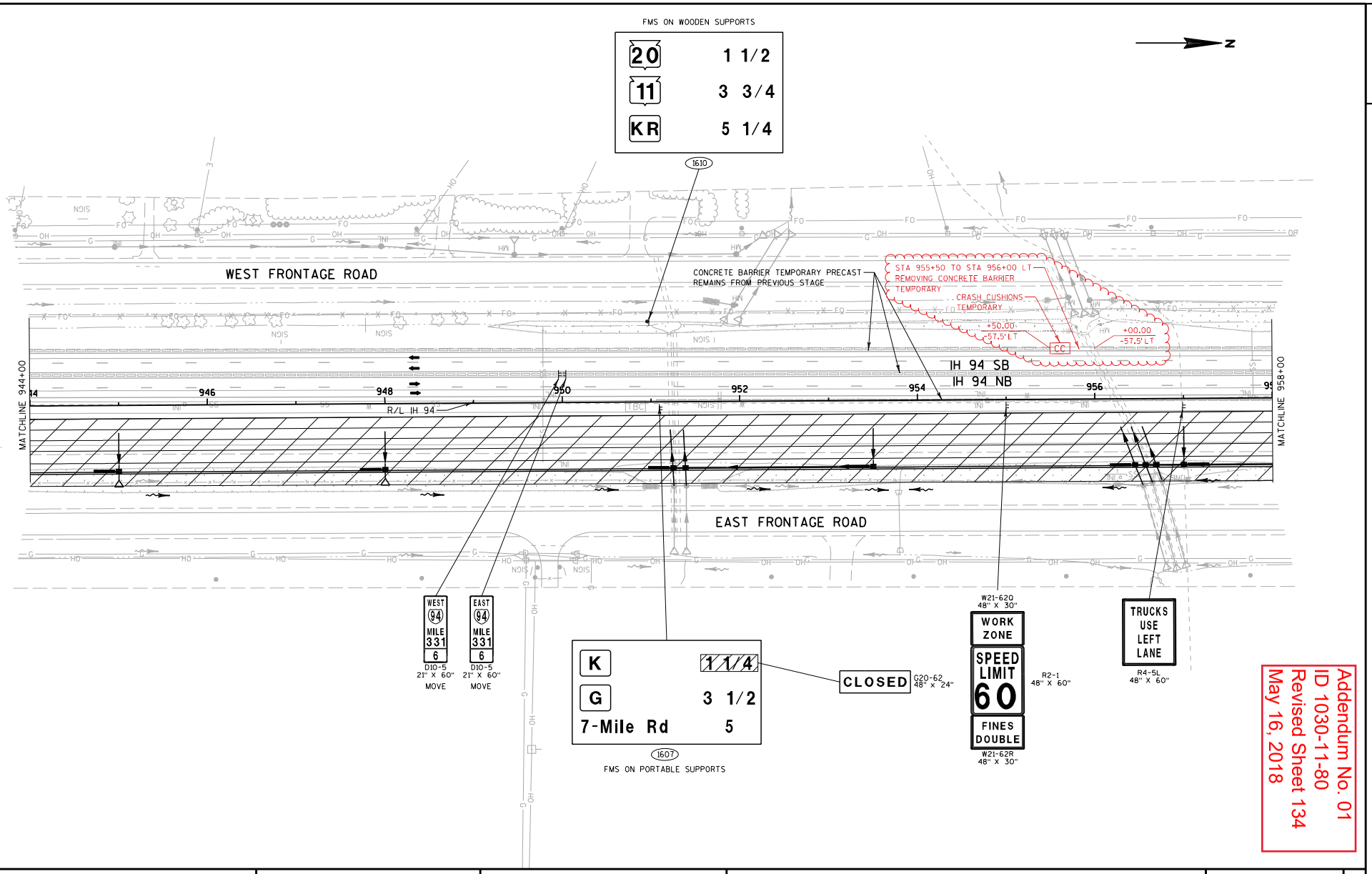
WISDOT/CADDS SHEET 42




Addendum No. 01
ID 1030-11-80
Revised Sheet 131
May 16, 2018

| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL - STAGE 2 | SHEET 131 | E |
|---|---|---|---|---|---|

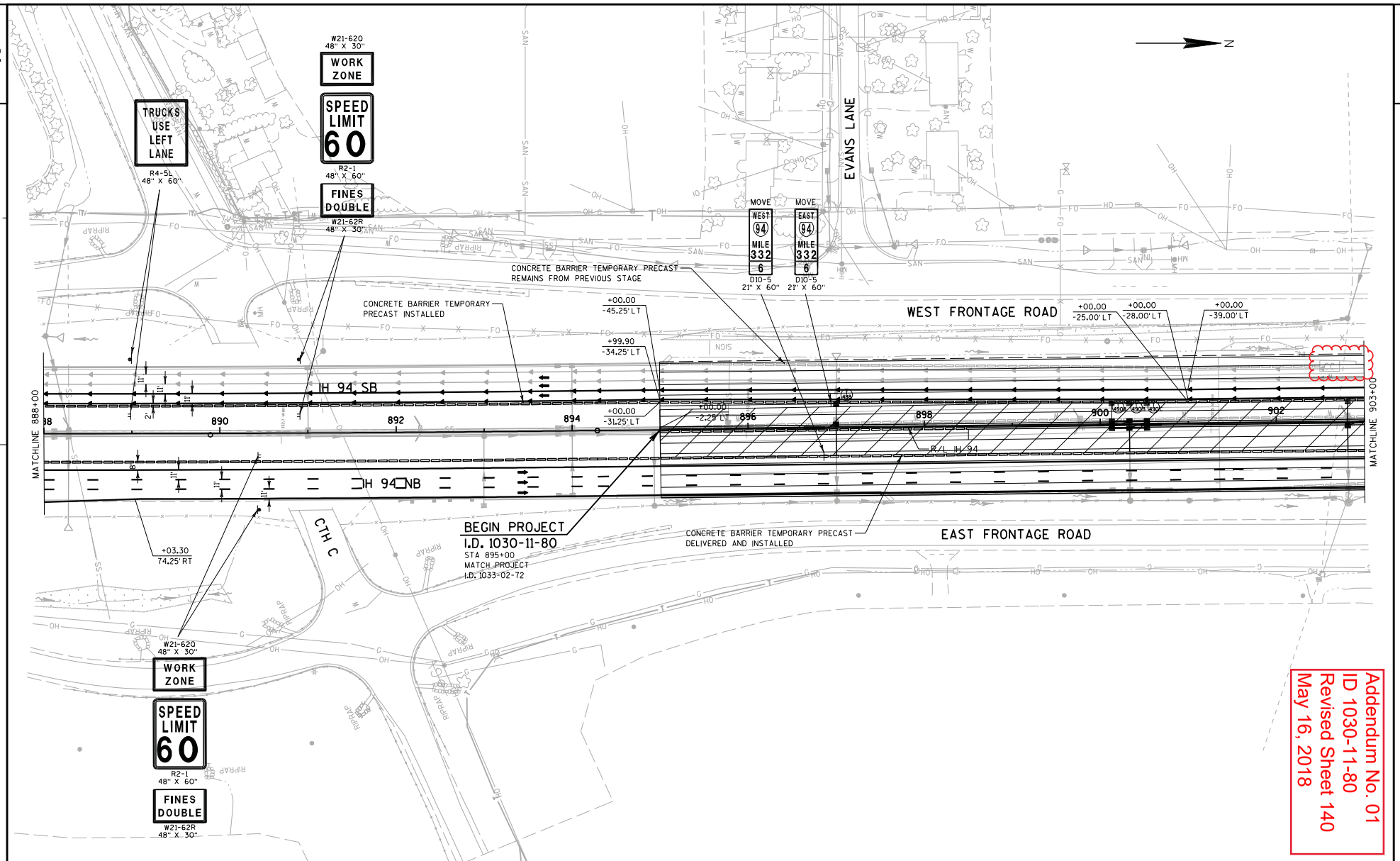
FILE NAME : Z:\Racine\CADDS\16\16MS\CDS\025016f_tc2.dgn PLOT DATE : 5/2/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100




Addendum No. 01
ID 1030-11-80
Revised Sheet 134
May 16, 2018

| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL - STAGE 2 | SHEET 134 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\16\16MS\CDS\025016i_tc2.dgn PLOT DATE : 5/2/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100

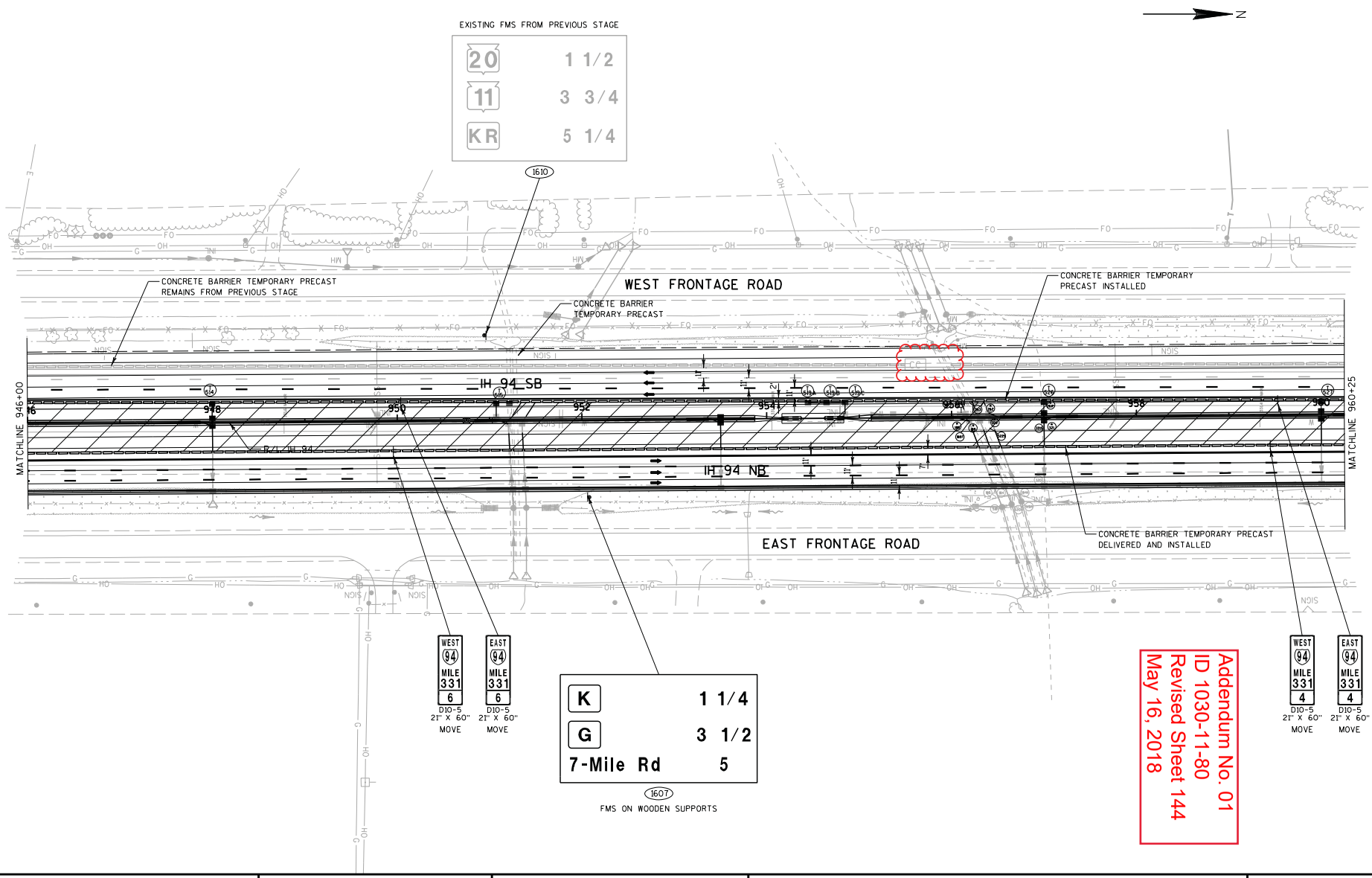



Addendum No. 01
ID 1030-11-80
Revised Sheet 140
May 16, 2018

| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL - STAGE 3 | SHEET 140 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\16\16MS\CDS\025019_tc3.dgn PLOT DATE : 5/2/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100

WISDOT/CADDS SHEET 42




| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL - STAGE 3 | SHEET 144 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\16\16MS\CDS\025023_tc3.dgn PLOT DATE : 5/2/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100

WISDOT/CADDS SHEET 42

## REMOVING GUARDRAIL

| CATEGORY | STAGE | ROADWAY | STA | TO | STA | LOCATION | 614.0920 SALVAGED RAIL LF | 614.0925 SALVAGED GUARDRAIL END TREATMENTS EACH |
|---|---|---|---|---|---|---|---|---|
| 1000 | NB | IH 94 NB | | | | | | |
| | | | 915+32 | - | 916+14 | RT | 83 | 1 |
| | | SUBTOTAL NB | | | | | 83 | 1 |
| | SB | IH 94 SB | | | | | | |
| | | | 932+78 | - | 933+62 | LT | 84 | 1 |
| | | SUBTOTAL SB | | | | | 84 | 1 |
| | | TOTAL (ID 1030-11-80) | | | | | 170 | 2 |

## REMOVING SLOTTED VANE DRAIN

| CATEGOR | STAGE | ROADWAY | STA | TO | STA | LOCATION | 204.9060.S.003 REMOVING SLOTTED VANE DRAIN EACH | COMMENTS |
|---|---|---|---|---|---|---|---|---|
| 1000 | NB | IH 94 NB | | | | | | |
| | | | 881+30 | - | 883+55 | MEDIAN | 1 | 225' LENGTH |
| | | | 883+87 | | 884+67 | MEDIAN | 1 | 80' LENGTH |
| | | TOTAL (ID 1030-11-80) | | | | | 2 | |

## REMOVING FENCE

| CATEGORY | STAGE | ROADWAY | STA | TO | STA | LOCATION | 204.0170 REMOVING FENCE LF |
|---|---|---|---|---|---|---|---|
| 1000 | NB | IH 94 NB | | | | | |
| | | | 878+50 | - | 889+50 | RT | 1,100 |
| | | | 895+00 | - | 923+00 | RT | 2,800 |
| | | | 924+10 | - | 968+00 | RT | 4,500 |
| | SB | IH 94 SB | | | | | |
| | | | 895+00 | - | 923+00 | LT | 2,700 |
| | | | 924+10 | - | 968+00 | LT | 4,500 |
| | | TOTAL (ID 1030-11-80) | | | | | 15,600 |

## REMOVING TEMPORARY COVER PLATES

| CATEGORY | ROADWAY | STATION | 204.0260 ABANDONING INLETS EACH |
|---|---|---|---|
| 1000 | IH 94 | | |
| | | TOTAL (ID 1030-11-80) | 0 |

TABLE CREATED 5/8/18 BY KLN

Addendum No. 01
ID 1030-11-80
Revised Sheet 187
May 16, 2018

## REMOVING INLETS

| CATEGORY | STAGE | ROADWAY | STATION | OFFSET | LOC. | 204.0220* REMOVING INLETS EACH |
|---|---|---|---|---|---|---|
| 1000 | NB | IH 94 | | | | |
| | | | 897+00 | | RT | 1 |
| 1000 | SB | IH 94 | | | | |
| | | | 895+78 | 8' | LT | 1 |
| | | | 897+00 | 8' | LT | 1 |
| | | | 897+00 | | CL | 1 |
| | | | 899+80 | | CL | 1 |
| | | | 902+80 | | CL | 1 |
| | | | 903+80 | | CL | 1 |
| | | | 907+77 | | CL | 1 |
| | | | 907+77 | 8' | LT | 1 |
| | | | 911+77 | | CL | 1 |
| | | | 911+77 | 8' | LT | 1 |
| | | | 917+76 | 8' | LT | 1 |
| | | | 928+71 | 8' | LT | 1 |
| | | | 934+80 | | CL | 1 |
| | | | 934+80 | 8' | LT | 1 |
| | | | 934+85 | 8' | LT | 1 |
| | | | 937+77 | 8' | LT | 1 |
| | | | 941+26 | 87' | LT | 1 |
| | | | 941+54 | 8' | LT | 1 |
| | | | 942+38 | 87' | LT | 1 |
| | | | 945+75 | 8' | LT | 1 |
| | | | 949+79 | 8' | LT | 1 |
| | | | 955+78 | 8' | LT | 1 |
| | | | 957+78 | | LT | 1 |
| | | TOTAL (ID 1030-11-80) | | | | 24 |

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

## REMOVING PAVEMENT ITEMS

| CATEGORY | STAGE | ROADWAY | STATION | | STATION | 204.0100 REMOVING PAVEMENT SY |
|---|---|---|---|---|---|---|
| 1000 | NB | IH 94 NB | | | | |
| | | | 895+00 | - | 968+00 | 36,074 |
| | SB | IH 94 SB | | | | |
| | | | 895+00 | - | 968+00 | 37,794 |
| | | TOTALS (ID 1030-11-80) | | | | 73,868 |

| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | MISCELLANEOUS QUANTITIES | SHEET 187 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\16\16MS\CDS\030201_mq.dgn PLOT DATE : 5/11/2018 PLOT BY : aks PLOT NAME : PLOT SCALE : 1:200

## ABANDONING SEWER

| CATEGORY | STATION | 204.0291.S ABANDONING SEWER CY | COMMENTS |
|---|---|---|---|
| 1000 | IH 94 NORTHBOUND | | |
| | 907+77 | 4 | 18" CMP |
| | 911+77 | 5 | 18" CMP |
| | 917+73 | 18 | 30" CMP |
| | 949+79 | 4 | 18" CMP |
| | UNDISTRIBUTED | 3 | |
| | SUBTOTAL | 34 | |
| | IH 94 SOUTHBOUND | | |
| | 903+78 - 907+77 | 3 | 6" UNDERDRAIN (SS) |
| | 907+77 - 911+77 | 3 | 6" UNDERDRAIN (SS) |
| | 911+77 - 917+73 | 4 | 6" UNDERDRAIN (SS) |
| | 917+73 | 18 | 30" CMP |
| | 917+73 - 923+00 | 4 | 6" UNDERDRAIN (SS) |
| | 924+50 - 928+70 | 3 | 6" UNDERDRAIN (SS) |
| | 928+71 | 4 | 15" CMP |
| | 928+70 - 934+79 | 4 | 6" UNDERDRAIN (SS) |
| | 934+79 - 937+25 | 2 | 6" UNDERDRAIN (SS) |
| | 937+25 - 941+55 | 17 | 15" SSPRC |
| | 942+00 - 945+74 | 3 | 6" UNDERDRAIN (SS) |
| | 945+74 - 949+79 | 18 | 15" SSPRC |
| | 949+79 | 4 | 18" CMP |
| | 949+79 - 954+50 | 3 | 6" UNDERDRAIN (SS) |
| | UNDISTRIBUTED | 9 | |
| | SUBTOTAL | 101 | |
| | TOTAL (ID 1030-11-80) | 135 | |

## REMOVING STORM SEWER

| CATEGORY | ROADWAY | STA | | STA | | 204.0245.002 6-INCH LF | 204.0245.004* 12-INCH LF | 204.0245.006 15-INCH LF | 204.0245.008 18-INCH LF | 204.0245.011 19X30-INCH LF | 204.0245.020 42-INCH LF | 204.0245.018 48-INCH LF | 204.0245.022 29X45-INCH LF | 204.0245.023 34X53-INCH LF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1000 | IH 94 | | | | | | | | | | | | | |
| | NB STAGE | | | | | | | | | | | | | |
| | | 902+82 | | | RT | – | – | – | – | – | – | 78 | – | 14 |
| | | 934+79 | | | | – | – | – | – | – | 82 | – | – | – |
| | | 941+82 | | | | – | – | – | – | – | 74 | – | – | – |
| | | 951+20 | | | | – | – | – | – | – | – | 78 | – | – |
| | | 951+25 | | | | – | – | – | – | – | 12 | – | – | – |
| | | 951+30 | | | | – | – | – | – | – | – | 78 | – | – |
| | | 956+08 | | | | – | – | – | – | – | – | 83 | – | – |
| | | 956+18 | | | | – | – | – | – | – | – | 83 | – | – |
| | SB STAGE | | | | | | | | | | | | | |
| | | 895+00 | - | 895+77 | CL | – | 77 | – | – | – | – | – | – | – |
| | | 895+77 | | | | – | – | – | 93 | – | – | – | – | – |
| | | 895+77 | - | 899+77 | CL | 400 | – | – | – | – | – | – | – | – |
| | | 899+77 | - | 902+82 | CL | – | – | 305 | – | – | – | – | – | – |
| | | 902+82 | | | | – | – | – | – | – | – | 150 | – | – |
| | | 902+82 | - | 903+77 | CL | – | 95 | – | – | – | – | – | – | – |
| | | 922+83 | | | RT | – | – | – | – | 10 | – | – | – | – |
| | | 934+77 | | | AEW | – | – | – | – | – | – | – | 21 | – |
| | | 934+79 | | | | – | – | – | – | – | 82 | – | – | – |
| | | 941+26 | - | 941+82 | | – | – | – | 56 | – | – | – | – | – |
| | | 941+82 | | | AEW | – | – | – | – | – | – | – | 7 | – |
| | | 941+82 | - | 942+38 | | – | – | – | 56 | – | – | – | – | – |
| | | 941+82 | | | | – | – | – | – | – | 100 | – | – | – |
| | | 951+20 | | | | – | – | – | – | – | – | 78 | – | – |
| | | 951+30 | | | | – | – | – | – | – | – | 78 | – | – |
| | | 951+80 | - | 952+00 | AEW | – | – | – | – | – | – | – | – | 16 |
| | | 955+75 | - | 956+00 | AEW | – | – | – | – | – | 24 | – | – | – |
| | | 956+08 | | | | – | – | – | – | – | – | 92 | – | – |
| | | 956+18 | | | | – | – | – | – | – | – | 92 | – | – |
| | | 957+80 | | | | – | – | – | 76 | – | – | – | – | – |
| | KRAUT ROAD | | | | | | | | | | | | | |
| | NB STAGE | 50+03 | - | 50+06 | RT/LT | – | – | – | – | 62 | – | – | – | – |
| | TOTALS (ID 1030-11-80) | | | | | 400 | 172 | 305 | 281 | 72 | 374 | 890 | 28 | 30 |

*ADDITIONAL QUANTITIES SHOWN ELSEWEHERE

## REMOVING COVER PLATES

| CATEGORY | ROADWAY | STATION | 204.9060.S.004 REMOVING COVER PLATES EACH |
|---|---|---|---|
| 1000 | IH 94 | 837+99 - 884+72 | 14 |
| | | TOTAL (ID 1030-11-80) | 14 |

Addendum No. 01
ID 1030-11-80
Revised Sheet 188
May 16, 2018

## EARTHWORK

| CATEGORY | STAGE | | 205.0100 EXCAVATION COMMON (1) CY | SPV.0035.008 EBS EXCAVATION (2) (5) CY | SPV.0035.009 EBS BACKFILL CY | SPV.0035.006 ROADWAY EMBANKMENT (3) CY | SPV.0195.011 SOIL DRYING TREATMENT TON | SPV.0195.012 SUBGRADE STRENGTHENING TREATMENT TON | MASS ORDINATE +/- (4) | |
|---|---|---|---|---|---|---|---|---|---|---|
| NB TEMP WIDENING AT STH 20 NB ONRAMP | 2 | 879+00 to 889+00 | 1,040 | 0 | 0 | 0 | 0 | 0 | 1,040 | |
| SUBTOTAL | | | 1,040 | 0 | 0 | 0 | 0 | 0 | 1,040 | |
| EBS AT DITCH FILLS | | 895+00 to 968+00 | 0 | 11,635 | 11,635 | 0 | 0 | 384 | 0 | |
| EBS NORTHBOUND | | 962+00 to 966+00 | 0 | 1,111 | 1,111 | 0 | 0 | 37 | 0 | |
| *IH 94 NORTHBOUND | 2 | 895+00 to 968+00 | 13,953 | 698 | 698 | 36,454 | 461 | 24 | -22,501 | |
| R-51-55 (SEE NOTE 14) | | 904+97 to 923+27 | 0 | 0 | 0 | -4,279 | 0 | 0 | 4,279 | |
| R-51-56 (SEE NOTE 14) | | 923+88 to 935+53 | 0 | 0 | 0 | -2,715 | 0 | 0 | 2,715 | |
| SUBTOTAL | | | 13,953 | 13,443 | 13,443 | 29,460 | 461 | 445 | -15,507 | |
| IH 94 NORTHBOUND & SOUTHBOUN | 3 | 880+00 to 888+00 | 311 | 0 | 0 | 0 | 0 | 0 | 311 | RESTORATION OF TEMPORARY CROSSOVER UNDER ID 1035-04-71 |
| | | 895+00 to 968+00 | 10,645 | 532 | 532 | 12,278 | 32 | 0 | -1,633 | |
| SUBTOTAL | | | 10,956 | 532 | 532 | 12,278 | 32 | 0 | -1,322 | |
| EBS AT DITCH FILLS | | 895+00 to 968+00 | 0 | 8,358 | 8,358 | 0 | 0 | 276 | 0 | |
| *IH 94 SOUTHBOUND | 4 | 895+00 to 968+00 | 14,747 | 737 | 737 | 39,271 | 568 | 25 | -24,524 | VOLUMES REFLECT TEMP. WIDENING COMPLETED UNDER I.D. 1035-04-71 |
| R-51-53 (SEE NOTE 14) | | 910+47 to 922+97 | 0 | 0 | 0 | -1,711 | 0 | 0 | 1,711 | |
| R-51-54 (SEE NOTE 14) | | 924+13 to 934+93 | 0 | 0 | 0 | -1,307 | 0 | 0 | 1,307 | |
| SUBTOTAL | | | 14,747 | 9,095 | 9,095 | 36,253 | 568 | 301 | -21,506 | |
| *KRAUT ROAD | | 48+00 to 50+30 | 1,338 | 268 | 268 | 33 | 0 | 9 | 1,305 | |
| EBS AT DITCH FILLS | | 48+00 to 50+31 | 0 | 32 | 32 | 0 | 0 | 1 | 0 | |
| SUBTOTAL | | | 1,338 | 300 | 300 | 33 | 0 | 10 | 1,305 | |
| GRAND TOTALS (I.D. 1030-11-80) | | | 42,034 | 23,370 | 23,370 | 78,024 | 1,061 | 756 | -35,989 | |
| | TOTAL EXCAVATION COMMON | | | | | | | | | |

1) Cut Volume Includes Concrete and Asphaltic Surface Material.

2) EBS Excavation to be backfilled with EBS Backfill. All EBS material is assumed to be wasted offsite.

3) Roadway Embankment = Unexpanded Fill

4) The Mass Ordinate + or - quantity is calculated by Division. A positive quantity indicates an excess of material within the division and a negative number indicates a shortage of material within

5) Geogrid Type SR is to be used in locations of EBS backfill. Quantity is listed elsewhere.

6) THE STRUCTURAL FILL NEEDED TO CONSTRUCT RETAINING WALLS IS PAID UNDER THE ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH SPECIAL" AND IS SUBTRACTED FROM THE FILL VOLUMES. THE WIDTH OF STRUCTURAL BACKFILL OFF OF THE BACK OF THE WALL HAS BEEN ESTIMATED AT 0.7 TIMES THE WALL HEIGHT.

7) STRUCTURAL EXCAVATION PAID UNDER THE ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH" IS ESTIMATED AT 7100 CY AND SHOULD BE CONSIDERED EXTRA WASTE.

* EBS EXCAVATION IS ESTIMATED AT 5% OF EXCAVATION COMMON.

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## BASE AGGREGATE ITEMS

| CATEGORY | STAGE | ROADWAY | STA | TO | STA | 305.0115 BASE AGGREGATE DENSE 3/4-INCH CY | 305.0125* BASE AGGREGATE DENSE 1 1/4-INCH CY | 312.0115* SELECT CRUSHED MATERIAL CY | SPV.0195.006 SELECT SUBBASE TON |
|---|---|---|---|---|---|---|---|---|---|
| 1000 | NB | IH 94 NB | 878+50 | - | 889+50 | – | 840 | 490 | – |
| | | | 895+00 | - | 922+78 | – | 3,773 | 10,304 | – |
| | | | 924+32 | - | 940+00 | – | 2,109 | 5,761 | – |
| | | | 940+00 | - | 956+00 | – | 2,359 | 6,429 | – |
| | | | 956+00 | - | 968+00 | – | 1,770 | 4,825 | – |
| | | RELIEF TRENCHES | 895+00 | | 968+00 | – | – | 41 | – |
| | | SUBTOTAL NB | | | | 0 | 10,851 | 27,850 | 0 |
| | SB | IH 94 SB | 895+00 | - | 922+78 | 214 | 4,061 | 10,118 | – |
| | | | 924+32 | - | 940+00 | 61 | 2,185 | 5,582 | – |
| | | | 940+00 | - | 956+00 | 353 | 2,672 | 6,208 | – |
| | | | 956+00 | - | 968+00 | 113 | 1,869 | 4,622 | – |
| | | KRAUT ROAD | 47+82 | - | 50+31 | 10 | 570 | – | 720 |
| | | SUBTOTAL SB | | | | 750 | 11,357 | 26,530 | 720 |
| | TEMPORARY ACCESS | NB & SB IH 94 | 895+00 | - | 968+00 | – | 1,724 | – | – |
| | UNDISTRIBUTED | NB & SB IH 94 | 895+00 | - | 968+00 | – | – | – | 40 |
| | | | TOTALS (ID 1030-11-80) | | | 750 | 23,932 | 54,380 | 760 |

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

## DRILLED TIE BARS/DRILLED DOWEL BARS

| CATEGORY | STAGE | LOCATION | 416.0610 DRILLED TIE BARS EACH | 416.0620 DRILLED DOWEL BARS EACH |
|---|---|---|---|---|
| 1000 | NB | IH 94 NORTHBOUND | | |
| | | 895+00 | – | 66 |
| | SB | IH 94 SOUTHBOUND | | |
| | | 895+00 | – | 70 |
| | NB/SB | IH 94 NORTHBOUND AND SOUTHBOUND | | |
| | | 968+00 TO 987+00 | – | 12 |
| | NB/SB | IH 94 NOTHBOUND AND SOUTHBOUND CROSSOVER CLOSURE 880+00 TO 888+00 | 640 | 8 |
| | | TOTALS (ID 1030-11-80) | 640 | 156 |

## CONCRETE RUMBLE STRIPS

| CATEGORY | STAGE | STATION | - | STATION | LOCATION | 416.1110 CONCRETE SHOULDER RUMBLE STRIPS LF |
|---|---|---|---|---|---|---|
| 1000 | SB | 895+00 | - | 968+00 | SB OUTSIDE SHOULDER | 7,115 |
| | | 895+00 | - | 968+00 | SB MEDIAN SHOULDER | 7,115 |
| | | SUBTOTAL | | | | 14,230 |
| | NB | 895+00 | - | 968+00 | NB MEDIAN SHOULDER | 7,115 |
| | | 895+00 | - | 968+00 | NB OUTSIDE SHOULDER | 7,115 |
| | | SUBTOTAL | | | | 14,230 |
| | | | | | TOTAL (ID 1030-11-80) | 28,460 |

## TRACKING PAD

| CATEGORY | STAGE | ROADWAY | LOCATION | 628.7560 TRACKING PADS EACH |
|---|---|---|---|---|
| 1000 | NB | IH 94 NB | | |
| | | | NORTH PROJECT LIMITS | 2 |
| | | | SOUTH PROJECT LIMITS | 2 |
| | SB | IH 94 SB | | |
| | | | NORTH PROJECT LIMITS | 2 |
| | | | SOUTH PROJECT LIMITS | 2 |
| | | | TOTAL (ID 1030-11-80) | 8 |

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## PAVEMENT ITEMS AT STORM SEWER CROSSINGS

| CATEGORY | STAGE | ROADWAY | LOCATION | 305.0125* BASE AGGREGATE DENSE 1 1/4-INCH CY | 312.0115* SELECT CRUSHED MATERIAL CY | 455.0605* TACK COAT GAL | 460.6223* HMA PAVEMENT 3 MT 58-28 S TON | 690.0250* SAWING CONCRETE LF | SPV.0035.005* BACKFILL SLURRY CY |
|---|---|---|---|---|---|---|---|---|---|
| 1000 | STAGE 3 | IH 94 SB | 951+25 | 40 | 40 | 15 | 50 | 100 | 150 |
| | | TOTAL | | 40 | 40 | 15 | 50 | 100 | 150 |

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

## CURB AND GUTTER ITEMS

| CATEGORY | STAGE | ROADWAY | STA | T | STA | OFFSET | 601.0553 CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D LF |
|---|---|---|---|---|---|---|---|
| 1000 | 6 | KRAUT ROAD | | | | | |
| | | | 47+86 | - | 50+27 | LT | 296 |
| | | | 47+89 | - | 50+31 | RT | 321 |
| | | TOTALS (ID 1030-11-80) | | | | | 617 |

## ASPHALT WEDGE

| CATEGORY | STAGE | STATION | 204.0120 REMOVING ASPHALTIC SURFACE MILLING SY | 204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY | 455.0605* TACK COAT GAL | 465.0125* ASPHALTIC SURFACE TEMPORARY TON |
|---|---|---|---|---|---|---|
| 1000 | 3 | IH 94 SOUTHBOUND | | | | |
| | | 895+00 - 923+00 | 1,250 | 380 | 690 | 1,380 |
| | | 924+10 - 968+00 | 1,960 | 190 | 1,080 | 2,200 |
| | | TOTAL | 3,210 | 570 | 1,770 | 3,580 |

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

## CONCRETE BARRIER TEMPORARY ITEMS

| CATEGORY | STAGE | ROADWAY | LOCATION | 603.8000 CONCRETE BARRIER TEMPORARY PRECAST DELIVERED LF | 603.8125 CONCRETE BARRIER TEMPORARY PRECAST DELIVERED LF | ** 204.9090.S.003 REMOVING CONCRETE BARRIER TEMPORARY LF | SPV.0090.018 MAINTAIN CONCRETE BARRIER TEMPORARY PRECAST LF | *** 614.0905 CRASH CUSHIONS TEMPORARY EACH | SPV.0090.023 TEMPORARY GLARE SCREEN LF | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1000 | STAGE 2 | IH 94 | | 1,454 | 1,454 | 16,128 | 16,228 | 1 | – | 204.9090.S.003 & SPV.0090.018 APPLY TO ALL |
| | | IH 94 SB | 902+50-903+00, 64' LT | – | -- | 50 | – | 1 | – | TEMP. BARRIER ON PROJECT AT PROJECT STARTUP |
| | | IH 94 SB | 955+50-956+00, 57' LT | – | -- | 50 | – | 1 | – | |
| | | SUBTOTAL STAGE 2 | | 1,454 | 1,454 | 16,228 | 16,228 | 3 | – | |
| | STAGE 3 | IH 94 | | 8,100 | 17,000 | – | – | 2 | – | |
| | | IH 94 SB | | – | 14,600 | – | – | -- | – | MOVE TWICE FOR SB 94 ASPHALT WEDGE |
| | | SUBTOTAL STAGE 3 | | 8,100 | 31,600 | – | – | 2 | – | |
| | STAGE 4 | IH 94 | | 1,401 | 9,300 | – | – | 1 | 7,300 | |
| | | SUBTOTAL STAGE 4 | | 1,401 | 9,300 | – | – | 1 | 7,300 | |
| | STAGE 5 | IH 94 | | 4,704 | 4,704 | – | – | 4 | – | |
| | | SUBTOTAL STAGE 5 | | 4,704 | 4,704 | – | – | 4 | – | |
| | INGRESS/EGRESS | | | – | -- | – | – | 2 | – | PLACED AT CONSTRUCTION ZONE OPENING |
| | | | | – | -- | – | – | 2 | – | |
| | UNDISTRIBUTED | | | 1,566 | 4,706 | 1,623 | 1,623 | 2 | 1,000 | |
| | | TOTAL (I.D. 1033-02-79) | | 17,225 | 51,764 | 17,851 | 17,851 | 14 | 8,300 | |

** CATEGORY 8000
*** TL-3 CRASH TEST CONDITION; 2' WIDTH: OM-3C, 3L, OR 3R MARKING PATTERN AS APPROPRIATE

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## EROSION CONTROL ITEMS

| CATEGORY | STAGE | ROADWAY | 606.0200 RIPRAP MEDIUM CY | 606.0300 RIPRAP HEAVY CY | 628.1104 EROSION BALES EACH | 628.1504 SILT FENCE LF | 628.1520 SILT FENCE MAINTENANCE LF | 628.1905 MOBILIZATION EROSION CONTROL EACH | 628.1910 MOBILIZATION EMERGENCY EROSION CONTROL EACH | 628.2004 EROSION MAT CLASS I TYPE B SY | 628.2008 EROSION MAT URBAN CLASS I TYPE B SY | 628.6505 SOIL STABILIZER TYPE A ACRE | 628.6510 SOIL STABILIZER TYPE B ACRE | 628.7005 INLET PROTECTION TYPE A EACH | 628.7010 INLET PROTECTION TYPE B EACH | 628.7015 INLET PROTECTION TYPE C EACH | 628.7020 INLET PROTECTION TYPE D EACH | 628.7504 TEMPORARY DITCH CHECKS LF | 628.7555 CULVERT PIPE CHECKS EACH | 645.0120 GEOTEXTILE TYPE HR SY | SPV.0060.032 SAND BAGS EACH | 628.7570 ROCK BAGS EACH | SPV.0060.096 TEMPORARY SEDIMENT TRAPS EACH | SPV.0090.084 HEAVY DUTY SILT FENCE LF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1000 | 2/3 | IH 94 NB | 28 | – | – | 1,326 | 1,326 | 4 | 7 | 14,600 | 30 | 1 | 5 | 66 | 70 | – | 8 | 350 | 30 | 90 | – | 160 | 5 | 405 |
| | 3/4 | IH 94 SB | – | 18 | – | – | – | 4 | 7 | 12,000 | 30 | – | – | 60 | 36 | 4 | 11 | 340 | 70 | 39 | – | 160 | 4 | 1,210 |
| | 3 | TEMP DRAINAGE | – | – | – | – | – | – | – | – | – | – | – | 25 | – | – | – | – | -- | – | – | – | – | – |
| | | UNDISTRIBUTED | 18 | 5 | 46 | 200 | 200 | – | – | 4,000 | 10 | 1 | 2 | 19 | 20 | 1 | 20 | 105 | 25 | 39 | 100 | 80 | 1 | 90 |
| | | TOTALS (ID 1030-11-80) | 46 | 23 | 46 | 1,526 | 1,526 | 8 | 14 | 30,600 | 70 | 2 | 7 | 170 | 126 | 5 | 39 | 795 | 125 | 168 | 100 | 400 | 10 | 1,705 |

## EFR PIPE ITEMS

| CATEGOR | STAGE | STATION | 305.0125* BASE AGGREGATE DENSE 1 1/4-INCH CY | 455.0605* TACK COAT GAL | 460.5223* HMA PAVEMENT 3 LT 58-28 S TON | 460.5224* HMA PAVEMENT 4 LT 58-28 S TON | 522.1012 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 12-INCH EACH | 608.0312 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH LF | 611.0420* RECONSTRUCTING MANHOLES EACH | 625.0500* SALVAGED TOPSOIL SY | 628.1504* SILT FENCE LF | 628.1520* SILT FENCE MAINTENANCE LF | 628.2004* EROSION MAT CLASS I TYPE B SY | 628.7570* ROCK BAGS EACH | 633.5200* MARKERS CULVERT END EACH | 646.0106* MARKING LINE EPOXY 4-INCH YELLOW LF | 690.0150* SAWING ASPHALT LF | SPV.0085.002* SEEDING MIX NO. 30 SPECIAL LB | SPV.0195.006* SELECT SUBBASE TON |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1000 | 2 | EAST FRONTAGE ROAD | | | | | | | | | | | | | | | | | |
| | | 5904+59 - 5904+95 | 65 | 8 | 26 | 18 | 1 | 96 | 1 | 85 | 40 | 40 | 85 | 20 | 1 | 72 | 68 | 4 | 78 |
| | | TOTAL | 65 | 8 | 26 | 18 | 1 | 96 | 1 | 85 | 40 | 40 | 85 | 20 | 1 | 72 | 68 | 4 | 78 |

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | MISCELLANEOUS QUANTITIES | SHEET 194 | E |
|---|---|---|---|---|---|

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**TRAFFIC CONTROL ITEMS**

| CATEGORY | STAGE | STAGE DURATION DAYS | 643.1055.S TRUCK OR TRAILER - MOUNTED ATTENUATOR DAY | SPV.0060.043 TRAFFIC CONTROL CLOSE-OPEN FREEWAY ENTRANCE RAMP EACH |
|---|---|---|---|---|
| 1000 | STAGE 2 | 153 | – | 10 |
| | STAGE 3 | 182 | – | 10 |
| | STAGE 4 | 167 | – | 10 |
| | STAGE 5 | 41 | – | 10 |
| | INGRESS | 543 | – | – |
| | EGRESS | 543 | – | – |
| | UNDISTRIBUTED | 543 | 50 | – |
| | TOTALS (I.D. 1033-02-79) | | 50 | 40 |

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**SAW CUTTING ITEMS**

| CATEGORY | ROADWAY | STAGE | STA | LOCATION | 690.0150 SAWING ASPHALT LF | *690.0250 SAWING CONCRETE LF | DESCRIPTION |
|---|---|---|---|---|---|---|---|
| 1000 | IH-94 MAINLINE | | | | | | |
| | | NB | 895+00 | RT | – | 74 | MATCH EXISTING |
| | | | SUBTOTAL NB | | – | 80 | |
| | IH 94 MAINLINE | | | | | | |
| | | SB | 895+00 | LT | – | 74 | MATCH EXISTING |
| | | | 895+00 to 968+00 | LT | – | 7,300 | STAGE 3 |
| | KRAUT ROAD | | | | | | |
| | | | 47+82 | LT/RT | 173 | – | |
| | | | 50+32 | LT/RT | 171 | – | |
| | | | SUBTOTAL SB | | 344 | 7,380 | |
| | | | TOTALS (ID 1030-11-80) | | 344 | 7,460 | |

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

**PAVEMENT REPAIR**

| CATEGORY | STAGE | ROADWAY | STATION | 209.0200.S* BACKFILL CONTROLLED LOW STRENGTH CY | 305.0125* BASE AGGREGATE DENSE 1 1/4-INCH CY | 390.0203 BASE PATCHING ASPHALTIC SY | 450.1100.S ASPHALTIC MIXTURE FOR EXTREME CONDITIONS TON | 465.0125* ASPHALTIC SURFACE TEMPORARY TON | 495.1000.S COLD PATCH TON | 690.0250* SAWING CONCRETE LF | SPV.0195.004 HMA LONGITUDINAL JOINT REPAIR TON | SPV.0195.015 HMA TRANSVERSE JOINT REPAIR TON | SPV.0060.016 MOBILIZATIONS EMERGENCY PAVEMENT REPAIR EACH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1000 | | IH-94 SB | | | | | | | | | | | |
| | | UNDISTRIBUTED | | 20 | 20 | 975 | 200 | 400 | 20 | 4390 | 870 | 350 | 3 |
| | | SUBTOTAL | | 20 | 20 | 975 | 200 | 400 | 20 | 4390 | 870 | 350 | 3 |
| | | TOTALS (ID 1030-11-80) | | 20 | 20 | 975 | 200 | 400 | 20 | 4390 | 870 | 350 | 3 |

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

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| SIGN NO. | SIGN CODE | SIGN TYPE | SIGN MESSAGE | TYPE II SIGN SIZE W x H [IN.] x [IN.] | 637.2210 SIGNS TYPE II REFLECTIVE H [SF] | 638.2602 REM SIGNS TYPE II (EA) | 638.3000 REM SMALL SIGN SUP (EA) | 634.0618 WOOD POSTS 4"X 6"x18' [EA] | 634.0685 SIGN SUPP GALVANIZED POSTS 8.5' [EA] | MOUNT ON SAME POST AS SIGN # | REMARKS | TYPE I SIGN SIZE W x H [FT.] x [FT.] | 637.1220 SIGNS TYPE I REFLECTIVE SH [SF] | 637.1230 SIGNS TYPE I REFLECTIVE F [SF] | 638.2601 REM SIGNS TYPE I [EA] | 638.3100 REM STR STEEL SIGN SUP [EA] | STEEL POST TYPE | 636.0100 SIGN NO. SUPPORTS CONCRETE MASONRY [CY] | 636.0500 SIGN SUPPORTS STEEL REINF. [LBS] | 635.0200 SIGN SUPPORTS STRUCTURAL STEEL HS [EST.LBS] | 638.2101 MOVING SIGNS TYPE I [EA] | 638.2102 MOVING SIGNS TYPE II [EA] | 638.2230 SIGNS TYPE II REFLECTIVE F [SF] | INFO ONLY-POST LENGTHS TO BE VERIFIED BY CONTRACTOR: POST NO 1 LENGTH [FT] | POST NO 2 LENGTH [FT] | OFF SET DISTANCE [FT] | DIST BTWN POSTS "S" [FT] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | M1-94(MOD) | II | 50TH RD<br>KRAUT RD | 72 x 36 | 18.000 | -- | -- | 2 | -- | -- | -- | x | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 17 | M1-94(MOD) | II | 50TH RD<br>KRAUT RD | 72 x 36 | 18.000 | -- | -- | 2 | -- | -- | -- | x | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 18 | D10-5(5) | II | W(94 SHIELD)<br>332/0 | 21 x 60<br>-- x -- | 8.750<br>-- | 1<br>-- | 1<br>-- | --<br>-- | 1<br>-- | --<br>-- | --<br>-- | x<br>x | 0.00<br>0.00 | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- |
| 19 | D10-5(5) | II | E(94 SHIELD)<br>332/0 | 21 x 60<br>-- x -- | 8.750<br>-- | 1<br>-- | --<br>-- | --<br>-- | --<br>-- | #18<br>-- | --<br>-- | x<br>x | 0.00<br>0.00 | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- |
| 20 | D10-5 | II | W(94 SHIELD)<br>331/9 | -- x --<br>-- x -- | --<br>-- | 1<br>-- | 1<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | x<br>x | 0.00<br>0.00 | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- |
| 21 | D10-5 | II | E(94 SHIELD)<br>331/9 | -- x --<br>-- x -- | --<br>-- | 1<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | x<br>x | 0.00<br>0.00 | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- |
| 22 | E3-1 | I | AMTRAK STATION<br>GATEWAY TECH COLLEGE<br>RACINE CAMPUS<br>EXIT 335 | -- x -- | -- | -- | -- | -- | -- | -- | -- | 16 x 11 | 176.00 | -- | 1 | 2 | C | 1.8 | 100 | 1200 | -- | -- | -- | -- | -- | 17.5 | |
| 23 | D10-5(5) | II | W(94 SHIELD)<br>331/8 | 21 x 60<br>-- x -- | 8.750<br>-- | 1<br>-- | 1<br>-- | --<br>-- | 1<br>-- | --<br>-- | --<br>-- | x<br>x | 0.00<br>0.00 | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- |
| 24 | D10-5(5) | II | E(94 SHIELD)<br>331/8 | 21 x 60<br>-- x -- | 8.750<br>-- | 1<br>-- | --<br>-- | --<br>-- | --<br>-- | #23<br>-- | --<br>-- | x<br>x | 0.00<br>0.00 | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- |
| 25 | D10-5 | II | W(94 SHIELD)<br>331/7 | -- x --<br>-- x -- | --<br>-- | 1<br>-- | 1<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | x<br>x | 0.00<br>0.00 | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- |
| 26 | D10-5 | II | E(94 SHIELD)<br>331/7 | -- x --<br>-- x -- | --<br>-- | 1<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | x<br>x | 0.00<br>0.00 | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- |
| 27 | D10-5(5) | II | W(94 SHIELD)<br>331/6 | 21 x 60<br>-- x -- | 8.750<br>-- | 1<br>-- | 1<br>-- | --<br>-- | 1<br>-- | --<br>-- | --<br>-- | x<br>x | 0.00<br>0.00 | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- |
| 28 | D10-5(5) | II | E(94 SHIELD)<br>331/6 | 21 x 60<br>-- x -- | 8.750<br>-- | 1<br>-- | --<br>-- | --<br>-- | --<br>-- | #27<br>-- | --<br>-- | x<br>x | 0.00<br>0.00 | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- |
| 29 | E8-1 | I | [K] 1 1/4<br>[G] 3 1/2<br>SEVEN MILE RD 5 | -- x -- | -- | -- | -- | -- | -- | -- | INSTALL ON S-51-223 | 20 x 8 | 160.00 | -- | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 30 | E8-1 | I | [20] 1 1/4<br>[11] 3 1/2<br>[KR] 5 1/4 | -- x -- | -- | -- | -- | -- | -- | -- | INSTALL ON S-51-223 | 15 x 8 | 120.00 | -- | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

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Revised Sheet 219
May 16, 2018

TYPE I&II PERMANENT SIGNING - | CATEGORY CODE 1000 | I94 ( STH 20-CTH K STH LEG) 1030-11-80

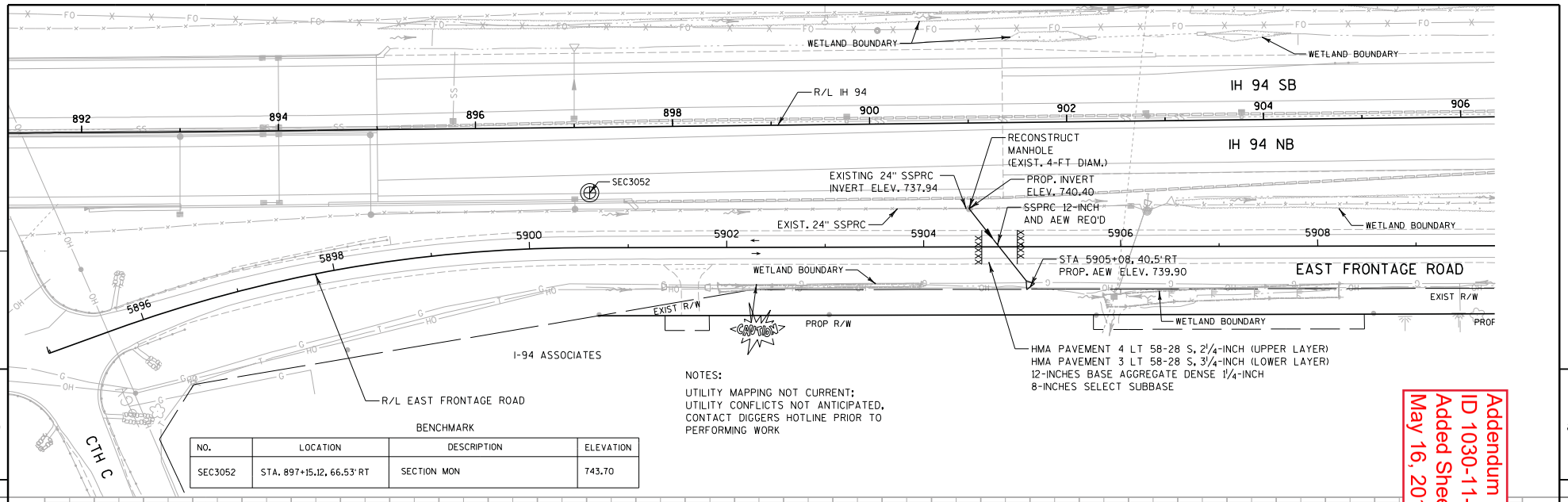
| SIGN NO. | SIGN CODE | SIGN TYPE | SIGN MESSAGE | TYPE II SIGN SIZE W x H [IN.] x [IN.] | 637.2210 SIGNS TYPE II REFLECTIVE H [SF] | 638.2602 REM SIGNS TYPE II [EA] | 638.3000 REM SMALL SIGN SUP [EA] | 634.0618 WOOD POSTS 4"X 6"x18' [EA] | 634.0885 SIGN SUPP GALVANIZED POSTS 8.5' [EA] | MOUNT ON SAME POST AS SIGN # | REMARKS | TYPE I SIGN SIZE W x H [FT.] x [FT.] | 637.1220 SIGNS TYPE I REFLECTIVE SH [SF] | 637.1230 SIGNS TYPE I REFLECTIVE F [SF] | 638.2601 REM SIGNS TYPE I [EA] | 638.3100 REM STR STEEL SIGN SUP [EA] | STEEL POST TYPE | 636.0100 SIGN NO. SUPPORTS CONCRETE MASONRY [CY] | 636.0500 SIGN SUPPORTS STEEL REINF. [LBS] | 635.0200 SIGN SUPPORTS STRUCTURAL STEEL HS [EST.LBS] | 638.2101 MOVING SIGNS TYPE I [EA] | 638.2102 MOVING SIGNS TYPE II [EA] | 638.2230 SIGNS TYPE II REFLECTIVE F [SF] | INFO ONLY-POST LENGTHS TO BE VERIFIED BY CONTRACTOR: POST NO 1 LENGTH [FT] | POST NO 2 LENGTH [FT] | OFF SET DISTANCE [FT] | DIST BTWN POSTS "S" [FT] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31 | E3-1 | I | YORKVILLE WATERFORD EXIT 333 | -- x -- | -- | -- | -- | -- | -- | -- | -- | 10 x 7.5 | 75.00 | -- | 1 | 2 | B | 1.6 | 98 | 1000 | | -- | -- | -- | -- | 17.5 | |
| 32 | R3-4(5) | II | | 36 x 36 | 9.000 | 1 | 1 | 1 | -- | -- | -- | x | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 33 | R3-4A(5) | II | | 36 x 12 | 3.000 | 1 | -- | -- | -- | #32 | -- | x | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 34 | D10-5(5) | II | W(94 SHIELD) | 21 x 60 | 8.750 | 1 | 1 | -- | 1 | -- | -- | x | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | | 331/4 | -- x -- | -- | -- | -- | -- | -- | -- | -- | x | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 35 | D10-5(5) | II | E(94 SHIELD) | 21 x 60 | 8.750 | 1 | -- | -- | -- | #34 | -- | x | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | | 331/4 | -- x -- | -- | -- | -- | -- | -- | -- | -- | x | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 36 | D10-5 | II | W(94 SHIELD) | -- x -- | -- | 1 | 1 | -- | -- | -- | -- | x | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | | 331/3 | -- x -- | -- | -- | -- | -- | -- | -- | -- | x | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 37 | D10-5 | II | E(94 SHIELD) | -- x -- | -- | 1 | -- | -- | -- | -- | -- | x | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | | 331/3 | -- x -- | -- | -- | -- | -- | -- | -- | -- | x | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 38 | E1-1A | I | [20] RACINE WATERFORD 1 1/2 MILES | -- x -- | -- | -- | -- | -- | -- | -- | -- | -- x -- | -- | -- | -- | 2 | C | 1.8 | 100 | 1200 | 1 | -- | -- | -- | -- | -- | |
| 38A | E1-5 | I | EXIT 333 | -- x -- | -- | -- | -- | -- | -- | -- | -- | 11 x 2.5 | 27.50 | -- | 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 39 | E3-1 | I | TOURIST INFO EXIT 333 | -- x -- | -- | -- | -- | -- | -- | -- | -- | -- x -- | -- | -- | -- | 2 | A | 1.2 | 68 | 600 | 1 | -- | -- | -- | -- | -- | |
| 40 | D10-5 | II | W(94 SHIELD) | -- x -- | -- | 1 | 1 | -- | -- | -- | -- | x | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | | 331/5 | -- x -- | -- | -- | -- | -- | -- | -- | -- | x | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 41 | D10-5 | II | E(94 SHIELD) | -- x -- | -- | 1 | -- | -- | -- | -- | -- | x | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | | 331/5 | -- x -- | -- | -- | -- | -- | -- | -- | -- | x | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 42 | D10-5(5) | II | W(94 SHIELD) | 21 x 60 | 8.750 | 1 | 1 | -- | 1 | -- | -- | x | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | | 332/4 | -- x -- | -- | -- | -- | -- | -- | -- | -- | x | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 43 | D10-5(5) | II | E(94 SHIELD) | 21 x 60 | 8.750 | 1 | -- | -- | -- | #42 | -- | x | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | | 332/4 | -- x -- | -- | -- | -- | -- | -- | -- | -- | x | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 44 | NOT USED | -- | -- | -- x -- | -- | -- | -- | -- | -- | -- | -- | x | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 45 | NOT USED | -- | -- | -- x -- | -- | -- | -- | -- | -- | -- | -- | x | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 46 | NOT USED | -- | -- | -- x -- | -- | -- | -- | -- | -- | -- | -- | x | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 47 | NOT USED | -- | -- | -- x -- | -- | -- | -- | -- | -- | -- | -- | x | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 48 | R3-4(5) | II | | 36 x 36 | 9.000 | 1 | 1 | 1 | -- | -- | -- | x | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 49 | R3-4A(5) | II | | 36 x 12 | 3.000 | 1 | -- | -- | -- | #48 | -- | x | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 50 | W5-52R(3) | -- | -- | 18 x 54 | -- | -- | -- | 1 | -- | -- | -- | x | 0.00 | 6.75 | -- | -- | -- | -- | -- | -- | -- | -- | 6.75 | -- | -- | -- | -- |
| 51 | W5-52R(3) | -- | -- | 18 x 54 | -- | -- | -- | 1 | -- | -- | -- | x | 0.00 | 6.75 | -- | -- | -- | -- | -- | -- | -- | -- | 6.75 | -- | -- | -- | -- |
| 52 | NONE | -- | FRANK LOYD WRIGHT | -- x -- | -- | -- | -- | -- | -- | -- | -- | x | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | 1 | -- | -- | -- | -- | -- |
| 53 | | -- | CALEDONIA NEXT 2 EXITS | -- x -- | -- | -- | -- | -- | -- | -- | -- | 11 x 4.5 | 49.50 | -- | -- | -- | A | 1.2 | 68 | 600 | -- | -- | -- | -- | -- | -- | -- |
| 54 | NOT USED | -- | -- | -- x -- | -- | -- | -- | -- | -- | -- | -- | x | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 55 | NOT USED | -- | -- | | | -- | -- | -- | -- | -- | -- | x | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 56 | NOT USED | -- | -- | | -- | -- | -- | -- | -- | -- | -- | x | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 57 | D12-2A(5) | -- | -- | 78 x 54 | 29.250 | 1 | 2 | 2 | -- | -- | -- | x | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | TOTALS | | | | 243.750 | 35 | 22 | 14 | 7 | | | | 773.000 | 13.5 | 4 | 12 | -- | 10.400 | 600 | 6200 | 3 | 2 | 13.5 | -- | -- | -- | -- |

Addendum No. 01
ID 1030-11-80
Revised Sheet 220
May 16, 2018

SHEET 3 OF 3

| PROJECT NO: 1030-11-80 | HWY: IH 94 (20-K) S. LEG | COUNTY: RACINE | MISCELLANEOUS QUANTITIES – PERMANENT SIGNING | SHEET: 220 | E |
|---|---|---|---|---|---|

FILE NAME : N:\SPO\Operations\Signing\Miscellaneous Quantities\1030-11-80\030501_mq.pptx | PLOT DATE : 4/24/2018 | PLOT BY : mscbxd | PLOT NAME : 030501_MQ.pdf | PLOT SC



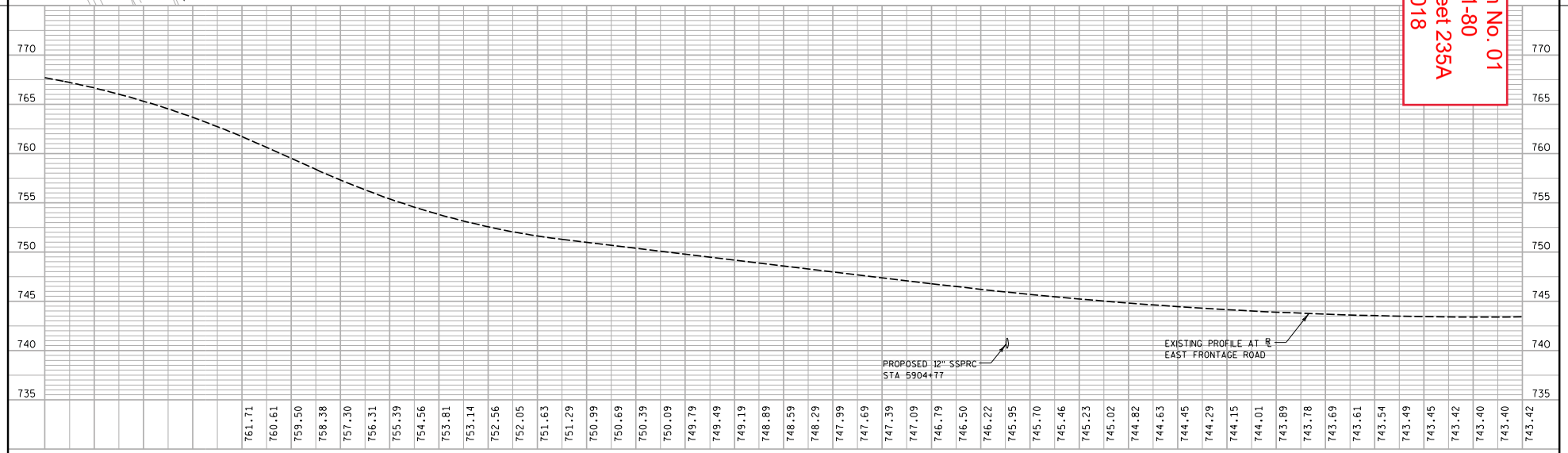

NOTES:

UTILITY MAPPING NOT CURRENT;
UTILITY CONFLICTS NOT ANTICIPATED,
CONTACT DIGGERS HOTLINE PRIOR TO
PERFORMING WORK

BENCHMARK

| NO. | LOCATION | DESCRIPTION | ELEVATION |
|---|---|---|---|
| SEC3052 | STA. 897+15.12, 66.53' RT | SECTION MON | 743.70 |

Addendum No. 01
ID 1030-11-80
Added Sheet 235A
May 16, 2018




| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | PLAN & PROFILE: EAST FRONTAGE RD - STH 20 TO CTH K | SHEET 235A | E |
|---|---|---|---|---|---|

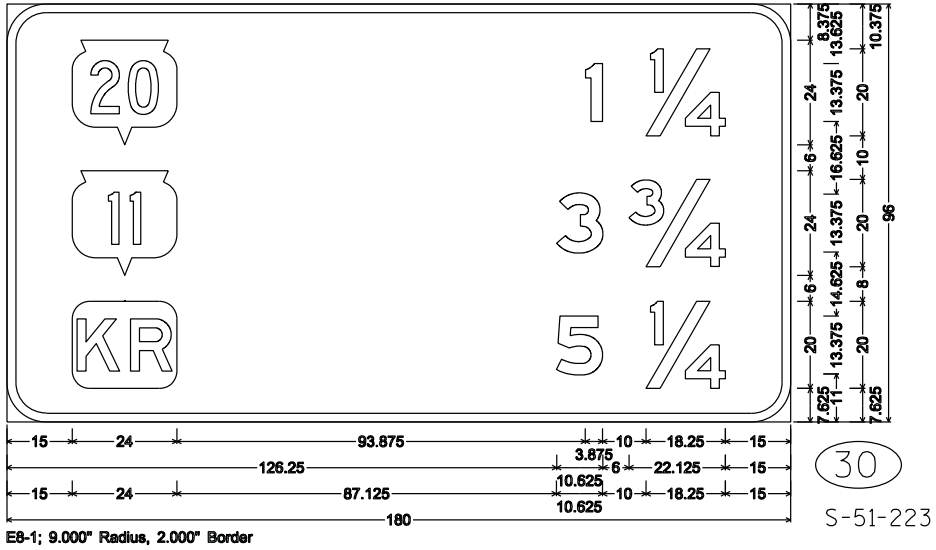
FILE NAME : Z:\Racine\CADDS\16\16E-pipe\050101_pp.dgn PLOT DATE : 5/9/2018 PLOT BY : kld PLOT NAME : $FILE$ PLOT SCALE : 1:100

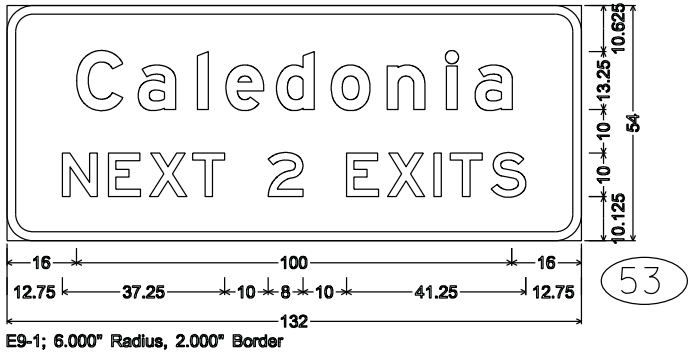
WISDOT/CADDS SHEET 40

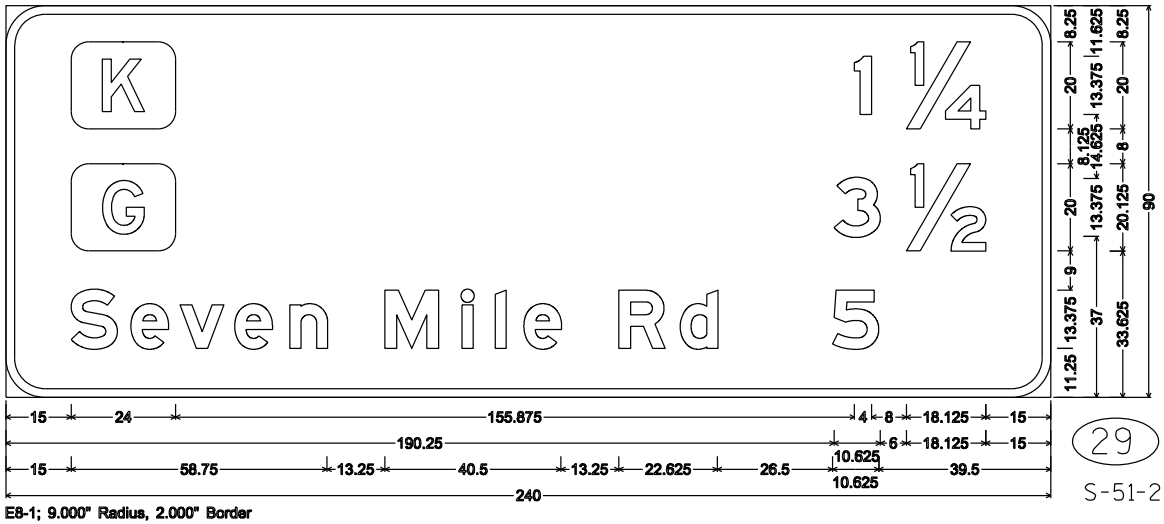
Addendum No. 01
ID 1030-11-80
Revised Sheet 352
May 16, 2018

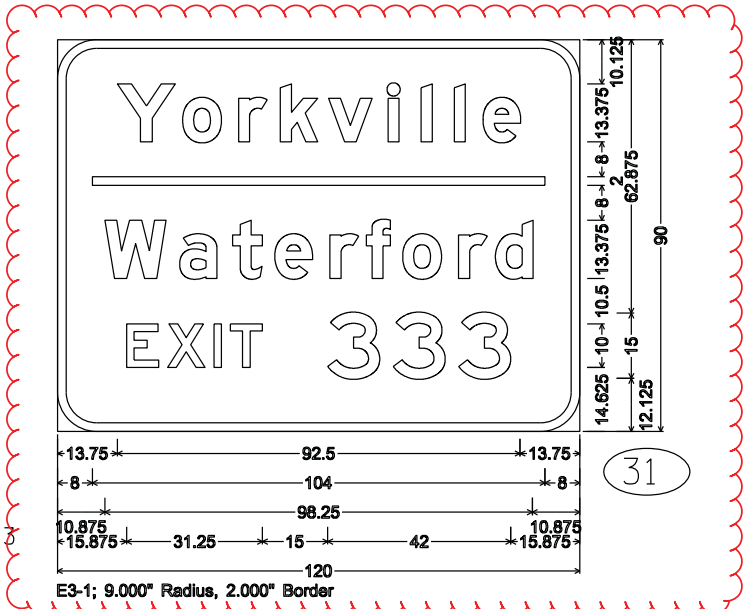
NOTES

1. All Signs Type I - Type SH Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E Modified except all Caps Words Series E or as noted




7

7

| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | PERMANENT SIGNING | SHEET NO: 352 | E |
|---|---|---|---|---|---|

(CONTINUED FROM PREVIOUS SHEET)

| | | STAGE 2 IH 94 NORTHBOUND | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | AREA (SF) | | Incremental Vol (CY) (Unadjusted) | | Cumulative Vol (CY)(Unadjusted) | | |
| | | Cut | Fill | Cut | Fill | Cut | Fill | Mass |
| STATION | Distance | | | | | 1.00 | 1 | Ordinate |
| 930+50 | 50.00 | 19 | 203 | 42 | 357 | 9297 | 18566 | -9269 |
| 931+00 | 50.00 | 9 | 226 | 26 | 397 | 9323 | 18963 | -9640 |
| 931+50 | 50.00 | 2 | 258 | 10 | 448 | 9333 | 19411 | -10079 |
| 932+00 | 50.00 | 0 | 301 | 2 | 518 | 9335 | 19929 | -10595 |
| 932+50 | 50.00 | 0 | 333 | 0 | 587 | 9335 | 20517 | -11182 |
| 933+00 | 50.00 | 0 | 355 | 0 | 637 | 9335 | 21154 | -11819 |
| 933+50 | 50.00 | 0 | 378 | 0 | 679 | 9335 | 21832 | -12498 |
| 934+00 | 50.00 | 0 | 382 | 0 | 704 | 9335 | 22537 | -13202 |
| 934+50 | 50.00 | 0 | 385 | 0 | 710 | 9335 | 23247 | -13912 |
| 934+83 | 33.00 | 0 | 392 | 0 | 475 | 9335 | 23722 | -14387 |
| 935+00 | 50.00 | 0 | 375 | 0 | 710 | 9335 | 24431 | -15097 |
| 935+50 | 50.00 | 0 | 360 | 0 | 680 | 9335 | 25111 | -15777 |
| 936+00 | 50.00 | 0 | 295 | 0 | 606 | 9335 | 25717 | -16383 |
| 936+50 | 50.00 | 0 | 253 | 0 | 508 | 9335 | 26225 | -16891 |
| 937+00 | 50.00 | 0 | 200 | 0 | 419 | 9335 | 26645 | -17310 |
| 937+50 | 50.00 | 0 | 215 | 0 | 384 | 9335 | 27028 | -17694 |
| 938+00 | 50.00 | 0 | 196 | 0 | 380 | 9335 | 27408 | -18073 |
| 938+50 | 50.00 | 0 | 182 | 0 | 350 | 9335 | 27758 | -18423 |
| 939+00 | 50.00 | 1 | 167 | 1 | 323 | 9335 | 28081 | -18746 |
| 939+50 | 50.00 | 2 | 156 | 3 | 299 | 9338 | 28380 | -19041 |
| 940+00 | 50.00 | 8 | 154 | 9 | 287 | 9347 | 28666 | -19319 |
| 940+50 | 50.00 | 12 | 149 | 18 | 281 | 9365 | 28947 | -19581 |
| 941+00 | 50.00 | 11 | 139 | 21 | 267 | 9387 | 29213 | -19826 |
| 941+50 | 50.00 | 12 | 130 | 21 | 249 | 9408 | 29462 | -20054 |
| 941+81 | 31.00 | 11 | 132 | 13 | 150 | 9421 | 29612 | -20191 |
| 942+00 | 50.00 | 11 | 113 | 21 | 227 | 9442 | 29839 | -20396 |
| 942+50 | 50.00 | 13 | 132 | 22 | 226 | 9465 | 30065 | -20601 |
| 943+00 | 50.00 | 14 | 127 | 24 | 240 | 9489 | 30305 | -20816 |
| 943+50 | 50.00 | 16 | 116 | 27 | 225 | 9516 | 30530 | -21014 |
| 944+00 | 50.00 | 14 | 112 | 27 | 211 | 9543 | 30741 | -21198 |
| 944+50 | 50.00 | 12 | 110 | 24 | 206 | 9567 | 30947 | -21379 |
| 945+00 | 50.00 | 10 | 92 | 21 | 187 | 9588 | 31134 | -21545 |
| 945+50 | 50.00 | 13 | 93 | 21 | 172 | 9610 | 31305 | -21696 |
| 946+00 | 50.00 | 14 | 96 | 25 | 175 | 9634 | 31480 | -21846 |
| 946+50 | 50.00 | 16 | 98 | 27 | 180 | 9662 | 31660 | -21998 |
| 947+00 | 50.00 | 14 | 98 | 27 | 182 | 9689 | 31841 | -22153 |
| 947+50 | 50.00 | 14 | 103 | 26 | 186 | 9715 | 32027 | -22313 |
| 948+00 | 50.00 | 15 | 97 | 27 | 185 | 9742 | 32212 | -22471 |
| 948+50 | 50.00 | 15 | 97 | 28 | 179 | 9770 | 32392 | -22622 |
| 949+00 | 50.00 | 15 | 88 | 28 | 171 | 9798 | 32562 | -22765 |
| 949+50 | 50.00 | 15 | 89 | 28 | 164 | 9825 | 32726 | -22901 |
| 950+00 | 50.00 | 12 | 88 | 24 | 164 | 9850 | 32890 | -23040 |
| 950+50 | 50.00 | 9 | 92 | 19 | 167 | 9869 | 33057 | -23188 |
| 951+00 | 50.00 | 10 | 79 | 18 | 158 | 9887 | 33216 | -23329 |
| 951+50 | 50.00 | 9 | 41 | 18 | 111 | 9905 | 33327 | -23422 |
| 952+00 | 50.00 | 9 | 78 | 17 | 110 | 9921 | 33436 | -23515 |
| 952+50 | 50.00 | 10 | 73 | 17 | 140 | 9939 | 33577 | -23638 |
| 953+00 | 50.00 | 12 | 70 | 20 | 133 | 9959 | 33710 | -23751 |
| 953+50 | 50.00 | 11 | 64 | 21 | 125 | 9980 | 33834 | -23854 |
| 954+00 | 50.00 | 12 | 66 | 21 | 120 | 10001 | 33954 | -23954 |
| 954+50 | 50.00 | 14 | 58 | 24 | 115 | 10025 | 34069 | -24044 |
| 955+00 | 50.00 | 21 | 58 | 32 | 107 | 10057 | 34176 | -24119 |
| 955+50 | 50.00 | 29 | 57 | 46 | 106 | 10103 | 34282 | -24179 |
| 956+00 | 50.00 | 35 | 63 | 59 | 111 | 10163 | 34393 | -24230 |
| 956+22 | 22.00 | 38 | 75 | 30 | 56 | 10193 | 34449 | -24256 |
| 956+50 | 50.00 | 39 | 25 | 71 | 92 | 10264 | 34541 | -24277 |
| 957+00 | 50.00 | 40 | 42 | 74 | 62 | 10337 | 34603 | -24266 |
| 957+50 | 50.00 | 46 | 37 | 80 | 73 | 10417 | 34677 | -24259 |
| 958+00 | 50.00 | 48 | 38 | 87 | 69 | 10505 | 34746 | -24241 |
| 958+50 | 50.00 | 50 | 35 | 91 | 67 | 10595 | 34813 | -24217 |

Addendum No. 01
ID 1030-11-80
Revised Sheet 494
May 16, 2018

(CONTINUED ON NEXT SHEET)

(CONTINUED FROM PREVIOUS SHEET)

| | | STAGE 2 IH 94 NORTHBOUND | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | AREA (SF) | | Incremental Vol (CY) (Unadjusted) | | Cumulative Vol (CY)(Unadjusted) | | |
| STATION | Distance | Cut | Fill | Cut | Fill | Cut 1.00 | Fill 1 | Mass Ordinate |
| 959+00 | 50.00 | 50 | 38 | 93 | 67 | 10688 | 34880 | -24192 |
| 959+50 | 50.00 | 51 | 45 | 94 | 76 | 10782 | 34956 | -24174 |
| 960+00 | 50.00 | 48 | 49 | 92 | 87 | 10874 | 35043 | -24169 |
| 960+50 | 50.00 | 45 | 51 | 86 | 93 | 10960 | 35136 | -24175 |
| 961+00 | 50.00 | 46 | 51 | 84 | 95 | 11044 | 35231 | -24186 |
| 961+50 | 50.00 | 50 | 51 | 89 | 95 | 11133 | 35326 | -24192 |
| 962+00 | 50.00 | 103 | 45 | 142 | 89 | 11275 | 35414 | -24139 |
| 962+50 | 50.00 | 106 | 45 | 193 | 83 | 11469 | 35497 | -24029 |
| 963+00 | 50.00 | 110 | 44 | 199 | 83 | 11668 | 35580 | -23912 |
| 963+50 | 50.00 | 114 | 44 | 207 | 82 | 11874 | 35662 | -23788 |
| 964+00 | 50.00 | 120 | 50 | 216 | 87 | 12090 | 35749 | -23659 |
| 964+50 | 50.00 | 125 | 49 | 226 | 91 | 12316 | 35840 | -23523 |
| 965+00 | 50.00 | 131 | 47 | 237 | 88 | 12553 | 35928 | -23375 |
| 965+50 | 50.00 | 140 | 50 | 251 | 90 | 12804 | 36018 | -23214 |
| 966+00 | 50.00 | 145 | 54 | 264 | 96 | 13068 | 36114 | -23046 |
| 966+50 | 50.00 | 103 | 53 | 230 | 99 | 13298 | 36212 | -22914 |
| 967+00 | 50.00 | 114 | 47 | 201 | 93 | 13499 | 36305 | -22806 |
| 967+50 | 50.00 | 121 | 41 | 218 | 82 | 13717 | 36387 | -22670 |
| 968+00 | 50.00 | 135 | 31 | 236 | 67 | 13953 | 36454 | -22501 |
| **IH 94 NORTHBOUND** | | | | **13953** | **36454** | **13953** | **36454** | **-22501** |

Addendum No. 01
ID 1030-11-80
Revised Sheet 495
May 16, 2018

9

9

| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | EARTHWORK: NORTHBOUND | SHEET 495 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\16\16MS\CDS\090101_ew.dgn PLOT DATE : 5/11/2018 PLOT BY : dks PLOT NAME : PLOT SCALE : 1:200

WISDOT/CADDS SHEET 49

(CONTINUED FROM PREVIOUS SHEET)

| | | STAGE 3 IH 94 NORTHBOUND & SOUTHBOUND | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | AREA (SF) | | Incremental Vol (CY) (Unadjusted) | | Cumulative Vol (CY)(Unadjusted) | | |
| STATION | Distance | Cut | Fill | Cut | Fill | Cut 1.00 | Fill 1 | Mass Ordinate |
| 930+50 | 50.00 | 0 | 115 | 0 | 205 | 4806 | 9148 | -4342 |
| 931+00 | 50.00 | 0 | 125 | 0 | 222 | 4806 | 9370 | -4564 |
| 931+50 | 50.00 | 0 | 134 | 0 | 240 | 4806 | 9610 | -4804 |
| 932+00 | 50.00 | 0 | 143 | 0 | 256 | 4806 | 9867 | -5060 |
| 932+50 | 50.00 | 0 | 149 | 0 | 270 | 4806 | 10137 | -5331 |
| 933+00 | 50.00 | 0 | 152 | 0 | 279 | 4806 | 10416 | -5609 |
| 933+50 | 50.00 | 0 | 149 | 0 | 279 | 4806 | 10695 | -5888 |
| 934+00 | 50.00 | 0 | 142 | 0 | 269 | 4806 | 10964 | -6158 |
| 934+50 | 50.00 | 0 | 129 | 0 | 250 | 4806 | 11214 | -6408 |
| 934+83 | 33.00 | 0 | 121 | 0 | 152 | 4806 | 11367 | -6560 |
| 935+00 | 50.00 | 0 | 111 | 0 | 215 | 4806 | 11582 | -6775 |
| 935+50 | 50.00 | 0 | 89 | 0 | 186 | 4806 | 11767 | -6961 |
| 936+00 | 50.00 | 0 | 67 | 0 | 145 | 4806 | 11912 | -7106 |
| 936+50 | 50.00 | 0 | 52 | 0 | 110 | 4806 | 12023 | -7216 |
| 937+00 | 50.00 | 0 | 37 | 0 | 83 | 4806 | 12105 | -7299 |
| 937+50 | 50.00 | 0 | 25 | 0 | 58 | 4806 | 12163 | -7357 |
| 938+00 | 50.00 | 1 | 14 | 1 | 36 | 4807 | 12199 | -7392 |
| 938+50 | 50.00 | 4 | 5 | 5 | 18 | 4811 | 12216 | -7405 |
| 939+00 | 50.00 | 8 | 3 | 11 | 7 | 4822 | 12223 | -7401 |
| 939+50 | 50.00 | 19 | 0 | 25 | 2 | 4847 | 12225 | -7378 |
| 940+00 | 50.00 | 29 | 0 | 44 | 0 | 4891 | 12225 | -7334 |
| 940+50 | 50.00 | 33 | 0 | 57 | 0 | 4948 | 12225 | -7277 |
| 941+00 | 50.00 | 33 | 0 | 61 | 0 | 5009 | 12225 | -7216 |
| 941+50 | 50.00 | 29 | 0 | 58 | 0 | 5067 | 12225 | -7158 |
| 941+81 | 31.00 | 27 | 35 | 32 | 20 | 5099 | 12246 | -7146 |
| 942+00 | 50.00 | 37 | 0 | 59 | 33 | 5159 | 12278 | -7120 |
| 942+50 | 50.00 | 38 | 0 | 70 | 0 | 5228 | 12278 | -7050 |
| 943+00 | 50.00 | 38 | 0 | 70 | 0 | 5298 | 12278 | -6980 |
| 943+50 | 50.00 | 35 | 0 | 67 | 0 | 5365 | 12278 | -6913 |
| 944+00 | 50.00 | 37 | 0 | 66 | 0 | 5431 | 12278 | -6847 |
| 944+50 | 50.00 | 35 | 0 | 66 | 0 | 5497 | 12278 | -6781 |
| 945+00 | 50.00 | 31 | 0 | 61 | 0 | 5559 | 12278 | -6719 |
| 945+50 | 50.00 | 34 | 0 | 60 | 0 | 5619 | 12278 | -6659 |
| 946+00 | 50.00 | 35 | 0 | 64 | 0 | 5683 | 12278 | -6595 |
| 946+50 | 50.00 | 34 | 0 | 64 | 0 | 5747 | 12278 | -6531 |
| 947+00 | 50.00 | 31 | 0 | 61 | 0 | 5808 | 12278 | -6470 |
| 947+50 | 50.00 | 31 | 0 | 57 | 0 | 5865 | 12278 | -6413 |
| 948+00 | 50.00 | 31 | 0 | 57 | 0 | 5922 | 12278 | -6356 |
| 948+50 | 50.00 | 31 | 0 | 57 | 0 | 5979 | 12278 | -6299 |
| 949+00 | 50.00 | 31 | 0 | 57 | 0 | 6037 | 12278 | -6242 |
| 949+50 | 50.00 | 29 | 0 | 55 | 0 | 6092 | 12278 | -6187 |
| 950+00 | 50.00 | 27 | 0 | 52 | 0 | 6143 | 12278 | -6135 |
| 950+50 | 50.00 | 24 | 0 | 47 | 0 | 6191 | 12278 | -6088 |
| 951+00 | 50.00 | 25 | 0 | 46 | 0 | 6236 | 12278 | -6042 |
| 951+50 | 50.00 | 27 | 0 | 49 | 0 | 6285 | 12278 | -5993 |
| 952+00 | 50.00 | 28 | 0 | 51 | 0 | 6336 | 12278 | -5942 |
| 952+50 | 50.00 | 27 | 0 | 51 | 0 | 6387 | 12278 | -5892 |
| 953+00 | 50.00 | 29 | 0 | 52 | 0 | 6438 | 12278 | -5840 |
| 953+50 | 50.00 | 29 | 0 | 54 | 0 | 6492 | 12278 | -5786 |
| 954+00 | 50.00 | 30 | 0 | 54 | 0 | 6546 | 12278 | -5732 |
| 954+50 | 50.00 | 32 | 0 | 57 | 0 | 6603 | 12278 | -5675 |
| 955+00 | 50.00 | 36 | 0 | 63 | 0 | 6666 | 12278 | -5612 |
| 955+50 | 50.00 | 43 | 0 | 74 | 0 | 6740 | 12278 | -5538 |
| 956+00 | 50.00 | 51 | 0 | 87 | 0 | 6827 | 12278 | -5451 |
| 956+22 | 22.00 | 52 | 0 | 42 | 0 | 6869 | 12278 | -5409 |
| 956+50 | 50.00 | 57 | 0 | 101 | 0 | 6970 | 12278 | -5308 |
| 957+00 | 50.00 | 62 | 0 | 110 | 0 | 7080 | 12278 | -5198 |
| 957+50 | 50.00 | 62 | 0 | 114 | 0 | 7194 | 12278 | -5084 |
| 958+00 | 50.00 | 64 | 0 | 116 | 0 | 7310 | 12278 | -4968 |
| 958+50 | 50.00 | 67 | 0 | 121 | 0 | 7431 | 12278 | -4847 |

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ID 1030-11-80
Revised Sheet 497
May 16, 2018

(CONTINUED ON NEXT SHEET)

(CONTINUED FROM PREVIOUS SHEET)

| | | STAGE 3 IH 94 NORTHBOUND & SOUTHBOUND | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | AREA (SF) | | Incremental Vol (CY) (Unadjusted) | | Cumulative Vol (CY)(Unadjusted) | | |
| | | Cut | Fill | Cut | Fill | Cut | Fill | Mass |
| STATION | Distance | | | | | 1.00 | 1 | Ordinate |
| 959+00 | 50.00 | 66 | 0 | 123 | 0 | 7554 | 12278 | -4724 |
| 959+50 | 50.00 | 65 | 0 | 121 | 0 | 7675 | 12278 | -4603 |
| 960+00 | 50.00 | 62 | 0 | 118 | 0 | 7793 | 12278 | -4485 |
| 960+50 | 50.00 | 61 | 0 | 114 | 0 | 7906 | 12278 | -4372 |
| 961+00 | 50.00 | 59 | 0 | 110 | 0 | 8017 | 12278 | -4261 |
| 961+50 | 50.00 | 61 | 0 | 111 | 0 | 8128 | 12278 | -4150 |
| 962+00 | 50.00 | 90 | 0 | 140 | 0 | 8268 | 12278 | -4011 |
| 962+50 | 50.00 | 93 | 0 | 169 | 0 | 8437 | 12278 | -3841 |
| 963+00 | 50.00 | 94 | 0 | 173 | 0 | 8609 | 12278 | -3669 |
| 963+50 | 50.00 | 95 | 0 | 175 | 0 | 8784 | 12278 | -3494 |
| 964+00 | 50.00 | 99 | 0 | 180 | 0 | 8965 | 12278 | -3313 |
| 964+50 | 50.00 | 105 | 0 | 190 | 0 | 9154 | 12278 | -3124 |
| 965+00 | 50.00 | 110 | 0 | 199 | 0 | 9353 | 12278 | -2925 |
| 965+50 | 50.00 | 115 | 0 | 208 | 0 | 9561 | 12278 | -2717 |
| 966+00 | 50.00 | 123 | 0 | 221 | 0 | 9782 | 12278 | -2496 |
| 966+50 | 50.00 | 106 | 0 | 212 | 0 | 9994 | 12278 | -2284 |
| 967+00 | 50.00 | 113 | 0 | 203 | 0 | 10196 | 12278 | -2082 |
| 967+50 | 50.00 | 119 | 0 | 215 | 0 | 10411 | 12278 | -1867 |
| 968+00 | 50.00 | 133 | 0 | 233 | 0 | 10645 | 12278 | -1633 |
| **IH 94** | | | | **10645** | **12278** | **10645** | **12278** | **-1633** |

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May 16, 2018

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| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | EARTHWORK: SOUTHBOUND | SHEET 498 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\16\16MS\CDS\090101_ew.dgn PLOT DATE : 5/11/2018 PLOT BY : aks PLOT NAME : PLOT SCALE : 1:200

(CONTINUED FROM PREVIOUS SHEET)

| | | STAGE 4 IH 94 SOUTHBOUND | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | AREA (SF) | | Incremental Vol (CY) (Unadjusted) | | Cumulative Vol (CY)(Unadjusted) | | |
| STATION | Distance | Cut | Fill | Cut | Fill | Cut 1.00 | Fill 1 | Mass Ordinate |
| 930+50 | 50.00 | 28 | 206 | 59 | 364 | 10036 | 19643 | -9606 |
| 931+00 | 50.00 | 24 | 240 | 48 | 413 | 10084 | 20056 | -9972 |
| 931+50 | 50.00 | 17 | 261 | 38 | 463 | 10122 | 20519 | -10397 |
| 932+00 | 50.00 | 11 | 278 | 26 | 498 | 10148 | 21017 | -10870 |
| 932+50 | 50.00 | 3 | 317 | 13 | 550 | 10161 | 21568 | -11407 |
| 933+00 | 50.00 | 0 | 339 | 3 | 607 | 10163 | 22175 | -12012 |
| 933+50 | 50.00 | 0 | 362 | 0 | 650 | 10163 | 22825 | -12661 |
| 934+00 | 50.00 | 0 | 386 | 0 | 693 | 10163 | 23517 | -13354 |
| 934+50 | 50.00 | 0 | 423 | 0 | 749 | 10163 | 24266 | -14103 |
| 934+83 | 33.00 | 0 | 426 | 0 | 519 | 10163 | 24785 | -14622 |
| 935+00 | 50.00 | 0 | 393 | 0 | 756 | 10163 | 25541 | -15378 |
| 935+50 | 50.00 | 0 | 316 | 0 | 656 | 10163 | 26197 | -16034 |
| 936+00 | 50.00 | 0 | 279 | 0 | 551 | 10163 | 26747 | -16584 |
| 936+50 | 50.00 | 4 | 230 | 4 | 471 | 10167 | 27218 | -17051 |
| 937+00 | 50.00 | 0 | 203 | 4 | 401 | 10171 | 27619 | -17448 |
| 937+50 | 50.00 | 0 | 166 | 0 | 342 | 10172 | 27961 | -17789 |
| 937+68 | 17.53 | 0 | 165 | 0 | 107 | 10172 | 28069 | -17897 |
| 937+93 | 25.01 | 0 | 152 | 0 | 164 | 10172 | 28233 | -18061 |
| 938+00 | 7.46 | 0 | 149 | 0 | 44 | 10172 | 28277 | -18105 |
| 938+18 | 17.55 | 0 | 143 | 0 | 100 | 10172 | 28376 | -18204 |
| 938+50 | 32.45 | 0 | 130 | 0 | 168 | 10172 | 28545 | -18373 |
| 939+00 | 50.00 | 0 | 118 | 0 | 230 | 10172 | 28775 | -18602 |
| 939+50 | 50.00 | 9 | 108 | 8 | 210 | 10180 | 28984 | -18804 |
| 940+00 | 50.00 | 24 | 98 | 31 | 191 | 10211 | 29175 | -18965 |
| 940+50 | 50.00 | 29 | 100 | 50 | 184 | 10260 | 29359 | -19099 |
| 941+00 | 50.00 | 28 | 129 | 53 | 212 | 10313 | 29571 | -19258 |
| 941+50 | 50.00 | 29 | 65 | 52 | 179 | 10366 | 29750 | -19385 |
| 941+81 | 31.00 | 28 | 58 | 33 | 70 | 10398 | 29821 | -19422 |
| 942+00 | 19.00 | 33 | 59 | 22 | 44 | 10420 | 29864 | -19444 |
| 942+50 | 50.00 | 31 | 86 | 59 | 135 | 10480 | 29999 | -19519 |
| 943+00 | 50.00 | 30 | 89 | 57 | 162 | 10536 | 30161 | -19625 |
| 943+50 | 50.00 | 29 | 85 | 55 | 162 | 10592 | 30323 | -19731 |
| 944+00 | 50.00 | 28 | 80 | 53 | 153 | 10645 | 30476 | -19831 |
| 944+50 | 50.00 | 27 | 83 | 51 | 152 | 10696 | 30628 | -19932 |
| 945+00 | 50.00 | 25 | 86 | 48 | 157 | 10744 | 30785 | -20041 |
| 945+50 | 50.00 | 29 | 86 | 50 | 160 | 10794 | 30945 | -20151 |
| 946+00 | 50.00 | 30 | 90 | 55 | 163 | 10849 | 31108 | -20259 |
| 946+50 | 50.00 | 31 | 90 | 57 | 166 | 10906 | 31274 | -20368 |
| 947+00 | 50.00 | 28 | 95 | 55 | 172 | 10961 | 31446 | -20485 |
| 947+50 | 50.00 | 24 | 98 | 48 | 179 | 11009 | 31625 | -20616 |
| 948+00 | 50.00 | 25 | 100 | 45 | 184 | 11054 | 31809 | -20756 |
| 948+50 | 50.00 | 23 | 104 | 44 | 190 | 11098 | 31999 | -20901 |
| 949+00 | 50.00 | 23 | 109 | 42 | 198 | 11140 | 32197 | -21057 |
| 949+50 | 50.00 | 21 | 115 | 41 | 207 | 11180 | 32404 | -21223 |
| 950+00 | 50.00 | 22 | 126 | 40 | 223 | 11220 | 32627 | -21406 |
| 950+50 | 50.00 | 20 | 137 | 39 | 244 | 11259 | 32870 | -21611 |
| 951+00 | 50.00 | 18 | 144 | 36 | 260 | 11295 | 33130 | -21835 |
| 951+50 | 50.00 | 21 | 134 | 36 | 257 | 11331 | 33387 | -22056 |
| 952+00 | 50.00 | 21 | 125 | 38 | 239 | 11369 | 33626 | -22257 |
| 952+50 | 50.00 | 20 | 123 | 38 | 229 | 11407 | 33855 | -22448 |
| 953+00 | 50.00 | 20 | 117 | 38 | 222 | 11445 | 34077 | -22632 |
| 953+50 | 50.00 | 25 | 113 | 42 | 213 | 11487 | 34290 | -22803 |
| 954+00 | 50.00 | 27 | 106 | 48 | 203 | 11535 | 34494 | -22959 |
| 954+50 | 50.00 | 30 | 99 | 53 | 191 | 11587 | 34684 | -23097 |
| 955+00 | 50.00 | 35 | 100 | 60 | 184 | 11647 | 34869 | -23221 |
| 955+50 | 50.00 | 41 | 100 | 71 | 184 | 11718 | 35053 | -23335 |
| 956+00 | 50.00 | 44 | 136 | 79 | 218 | 11797 | 35271 | -23475 |
| 956+22 | 22.00 | 45 | 131 | 36 | 109 | 11833 | 35380 | -23547 |
| 956+50 | 50.00 | 47 | 106 | 84 | 224 | 11917 | 35604 | -23687 |
| 957+00 | 50.00 | 52 | 94 | 92 | 185 | 12009 | 35790 | -23780 |

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(CONTINUED ON NEXT SHEET)

(CONTINUED FROM PREVIOUS SHEET)

| | | STAGE 4 IH 94 SOUTHBOUND | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | AREA (SF) | | Incremental Vol (CY) (Unadjusted) | | Cumulative Vol (CY)(Unadjusted) | | |
| STATION | Distance | Cut | Fill | Cut | Fill | Cut 1.00 | Fill 1 | Mass Ordinate |
| 957+50 | 50.00 | 57 | 88 | 101 | 169 | 12111 | 35958 | -23848 |
| 958+00 | 50.00 | 60 | 86 | 108 | 161 | 12219 | 36119 | -23900 |
| 958+50 | 50.00 | 59 | 87 | 110 | 160 | 12328 | 36279 | -23951 |
| 959+00 | 50.00 | 58 | 87 | 109 | 162 | 12437 | 36441 | -24004 |
| 959+50 | 50.00 | 55 | 92 | 105 | 166 | 12542 | 36607 | -24065 |
| 960+00 | 50.00 | 55 | 96 | 102 | 175 | 12644 | 36781 | -24137 |
| 960+50 | 50.00 | 50 | 90 | 97 | 173 | 12741 | 36954 | -24213 |
| 961+00 | 50.00 | 48 | 98 | 91 | 174 | 12832 | 37128 | -24297 |
| 961+50 | 50.00 | 51 | 109 | 92 | 192 | 12923 | 37320 | -24397 |
| 962+00 | 50.00 | 55 | 113 | 98 | 205 | 13022 | 37525 | -24504 |
| 962+50 | 50.00 | 59 | 110 | 105 | 206 | 13126 | 37732 | -24605 |
| 963+00 | 50.00 | 56 | 114 | 106 | 207 | 13232 | 37939 | -24707 |
| 963+50 | 50.00 | 61 | 114 | 108 | 211 | 13340 | 38149 | -24810 |
| 964+00 | 50.00 | 66 | 103 | 117 | 201 | 13457 | 38351 | -24894 |
| 964+50 | 50.00 | 69 | 84 | 125 | 173 | 13582 | 38524 | -24942 |
| 965+00 | 50.00 | 72 | 78 | 131 | 150 | 13712 | 38673 | -24961 |
| 965+50 | 50.00 | 74 | 73 | 136 | 140 | 13848 | 38813 | -24965 |
| 966+00 | 50.00 | 82 | 64 | 145 | 127 | 13993 | 38940 | -24947 |
| 966+50 | 50.00 | 88 | 56 | 158 | 111 | 14151 | 39052 | -24901 |
| 967+00 | 50.00 | 100 | 47 | 175 | 96 | 14325 | 39147 | -24822 |
| 967+50 | 50.00 | 114 | 33 | 199 | 74 | 14524 | 39222 | -24698 |
| 968+00 | 50.00 | 127 | 20 | 223 | 49 | 14747 | 39271 | -24524 |
| IH 94 SOUTHBOUND | | | | 14747 | 39271 | 14747 | 39271 | -24524 |

| | | KRAUT ROAD | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | AREA (SF) | | Incremental Vol (CY) (Unadjusted) | | Cumulative Vol (CY)(Unadjusted) | | |
| STATION | Distance | Cut | Fill | Cut | Fill | Cut 1.00 | Fill 1 | Mass Ordinate |
| 48+00 | 0.00 | 153 | 13 | 0 | 0 | 0 | 0 | 0 |
| 48+50 | 50.00 | 158 | 0 | 288 | 13 | 288 | 13 | 275 |
| 49+00 | 50.00 | 183 | 0 | 315 | 1 | 603 | 13 | 590 |
| 49+50 | 50.00 | 151 | 2 | 309 | 2 | 912 | 16 | 897 |
| 50+00 | 50.00 | 93 | 10 | 226 | 11 | 1139 | 27 | 1112 |
| 50+30 | 30.00 | 266 | 0 | 199 | 6 | 1338 | 33 | 1305 |
| KRAUT ROAD | | | | 1338 | 33 | 1338 | 33 | 1305 |

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Revised Sheet 501
May 16, 2018

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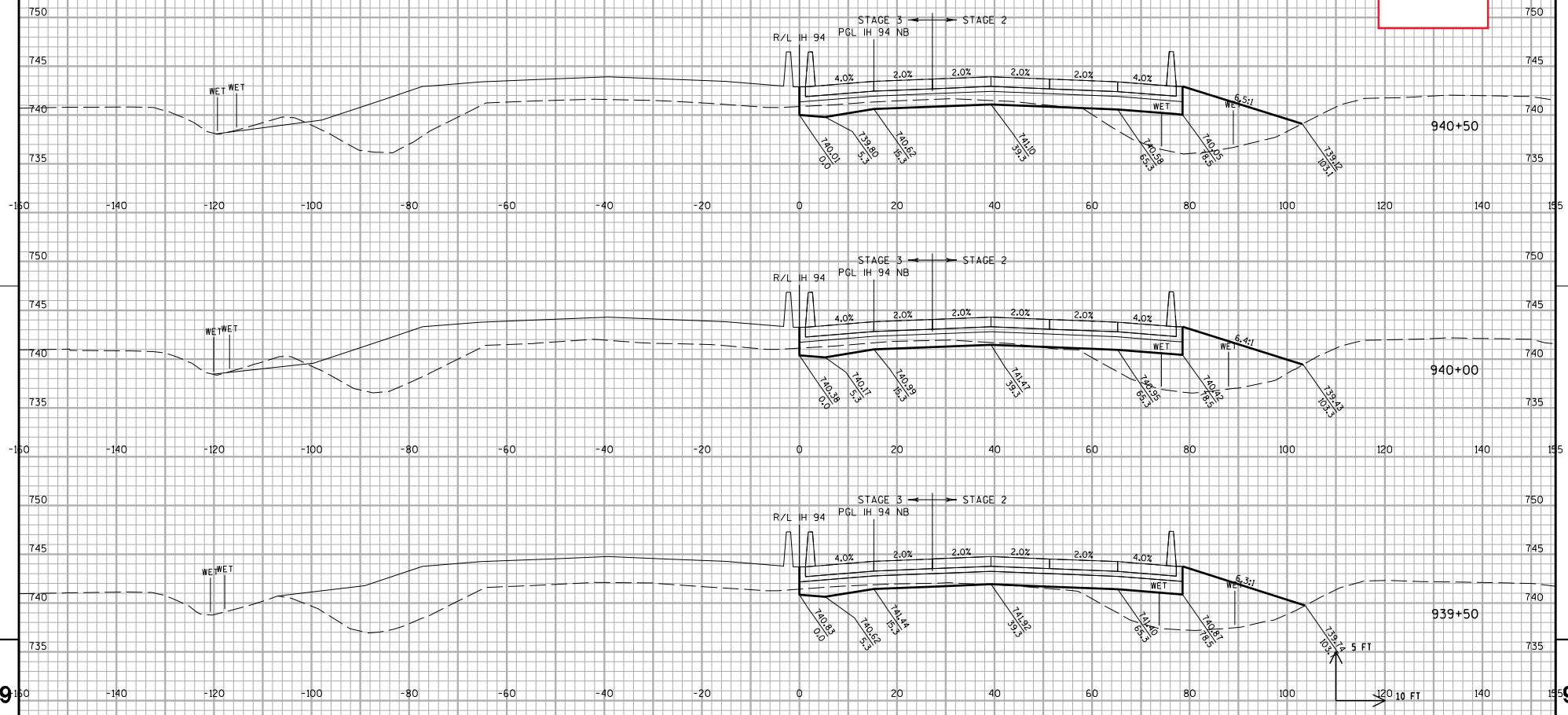
PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | EARTHWORK: SOUTHBOUND/KRAUT ROAD | SHEET 501 | E

FILE NAME : Z:\Racine\CADDS\16\16MS\CDS\090101_ew.dgn PLOT DATE : 5/11/2018 PLOT BY : aks PLOT NAME : PLOT SCALE : 1:200

WISDOT/CADDS SHEET 49

Addendum No. 01
ID 1030-11-80
Revised Sheet 545
May 16, 2018



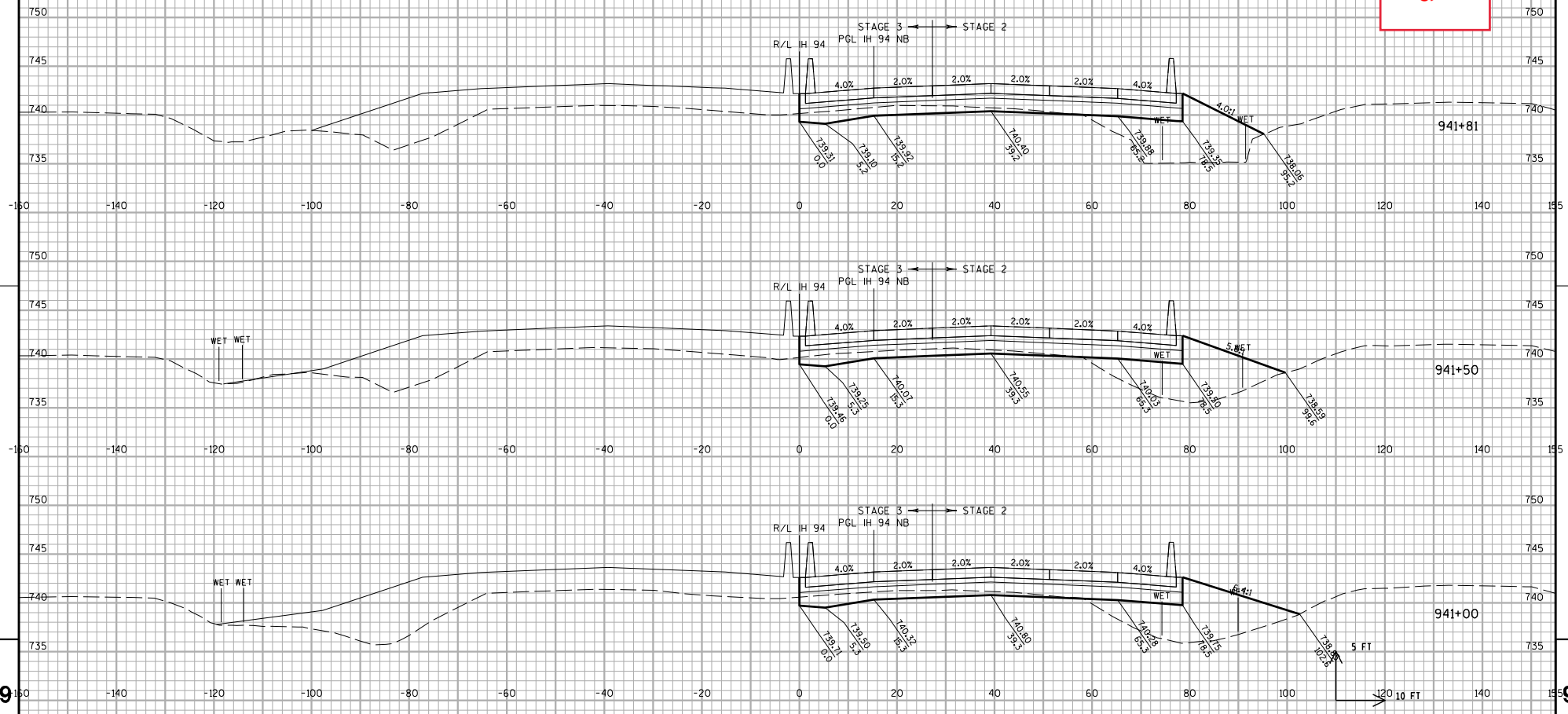

STA 939+50 TO 940+50

| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 NB | SHEET 545 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\16\16MS\16S Rubblizing Removal\CDS\090202_xs_IH94NB_MS.dgn
PLOT DATE : 5/11/2018
PLOT BY : plr
PLOT NAME : $FILE$
PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21

Addendum No. 01
ID 1030-11-80
Revised Sheet 546
May 16, 2018



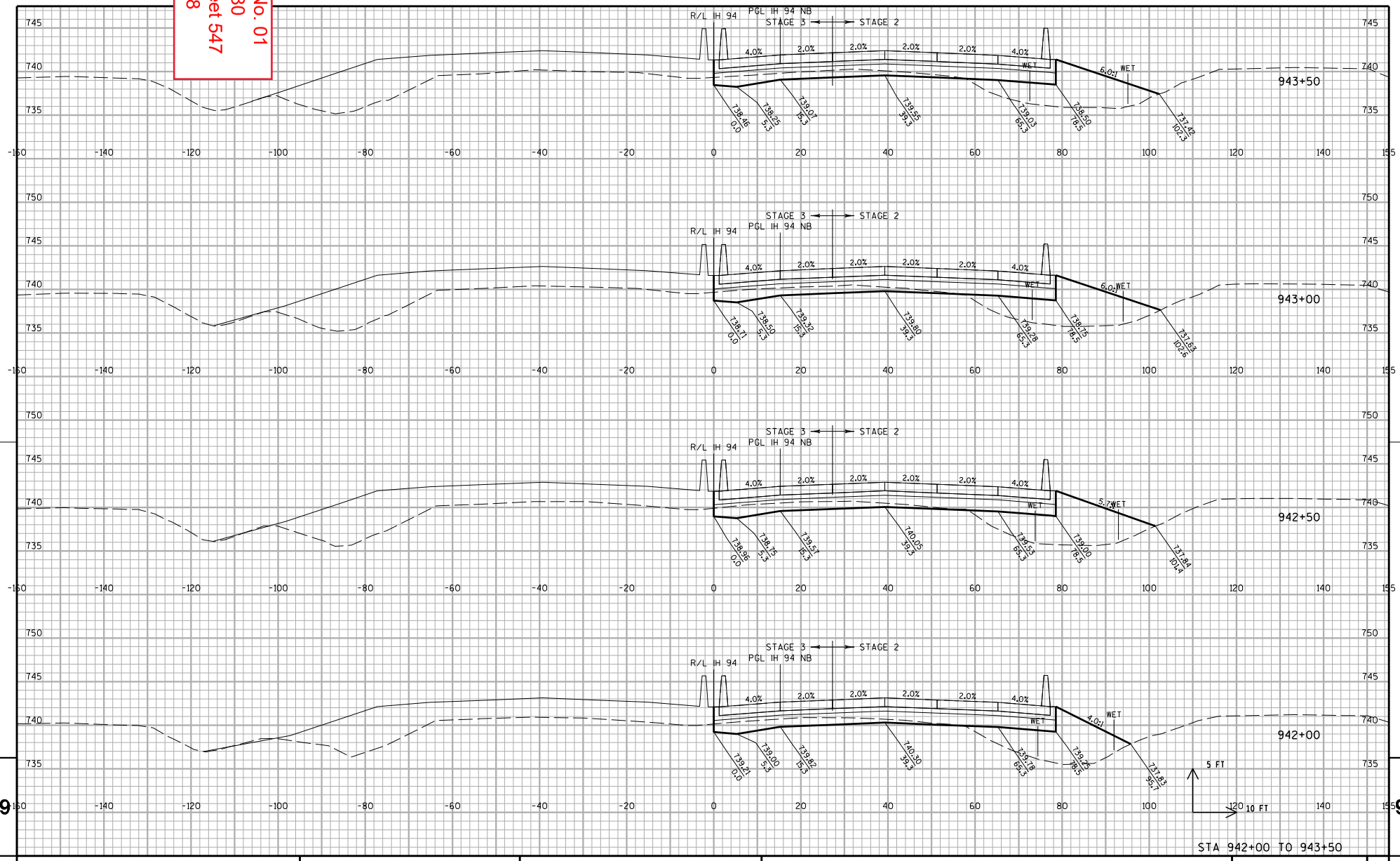

STA 941+00 TO 941+81

| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 NB | SHEET 546 | E |
|---|---|---|---|---|---|



FILE NAME : Z:\Racine\CADDS\16\16MS\16S Rubblizing Removal\CDS\090202_xs_IH94NB_MS.dgn
PLOT DATE : 5/11/2018
PLOT BY : plr
PLOT NAME : $FILE$
PLOT SCALE : 1:20
WISDOT/CADDS SHEET 21

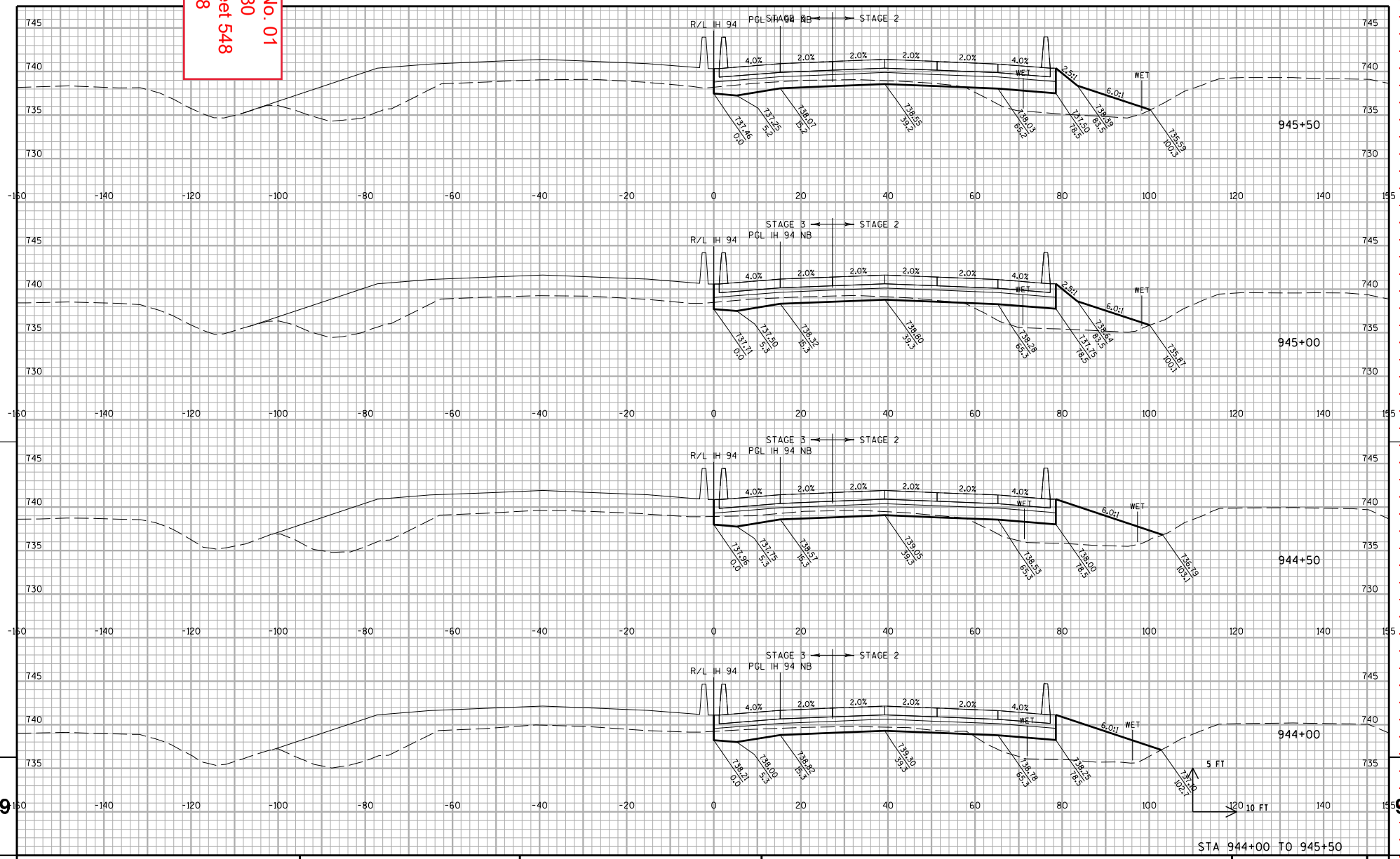
Addendum No. 01
ID 1030-11-80
Revised Sheet 547
May 16, 2018




| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 NB | SHEET 547 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\16\16MS\16S Rubblizing Removal\CDS\090202_xs_IH94NB_MS.dgn
PLOT DATE : 5/11/2018
PLOT BY : plr
PLOT NAME : $FILE$
PLOT SCALE : 1:20
WISDOT/CADDS SHEET 21

Addendum No. 01
ID 1030-11-80
Revised Sheet 548
May 16, 2018




9 9

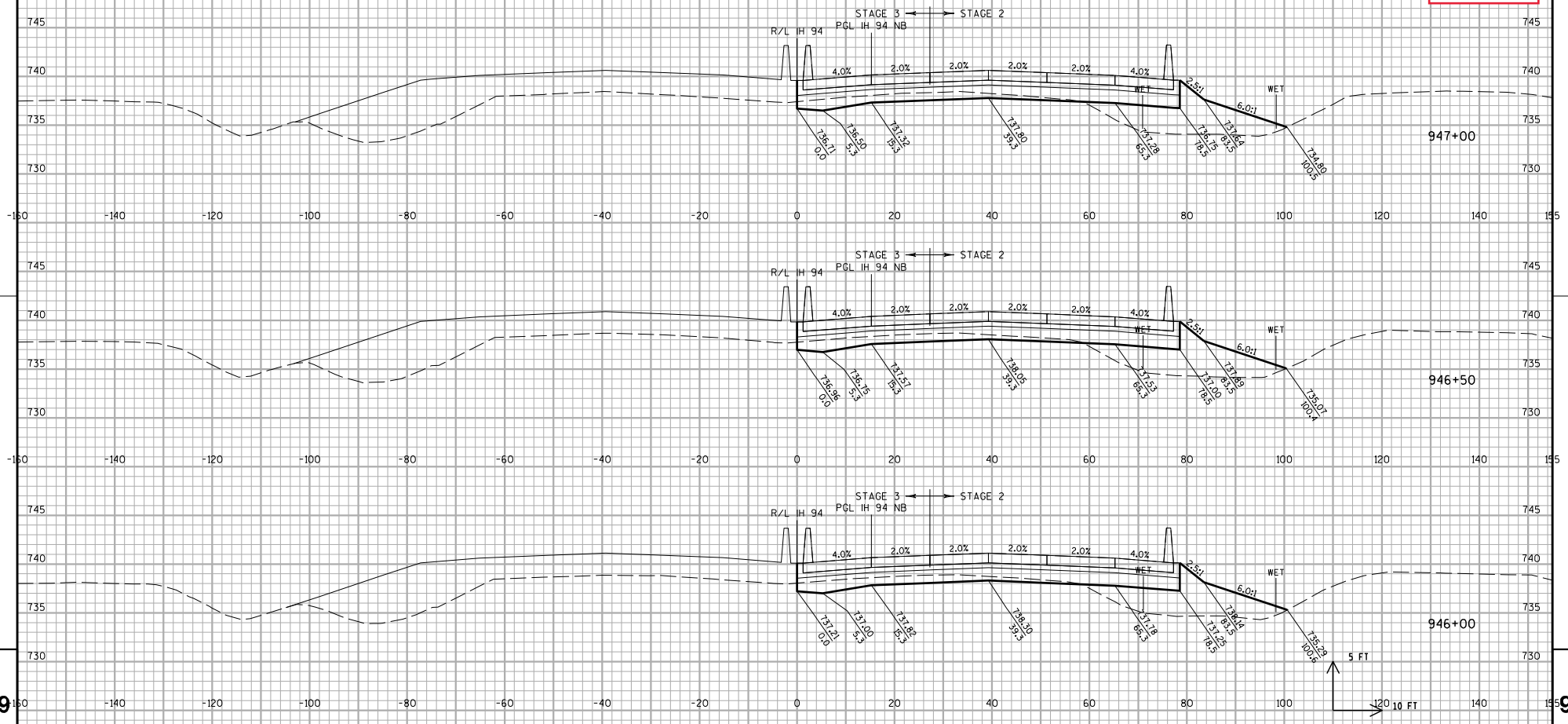
STA 944+00 TO 945+50

| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 NB | SHEET 548 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\16\16MS\16S Rubblizing Removal\CDS\090202_xs_IH94NB_MS.dgn PLOT DATE : 5/11/2018 PLOT BY : plr PLOT NAME : $FILE$ PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21

Addendum No. 01
ID 1030-11-80
Revised Sheet 549
May 16, 2018




9

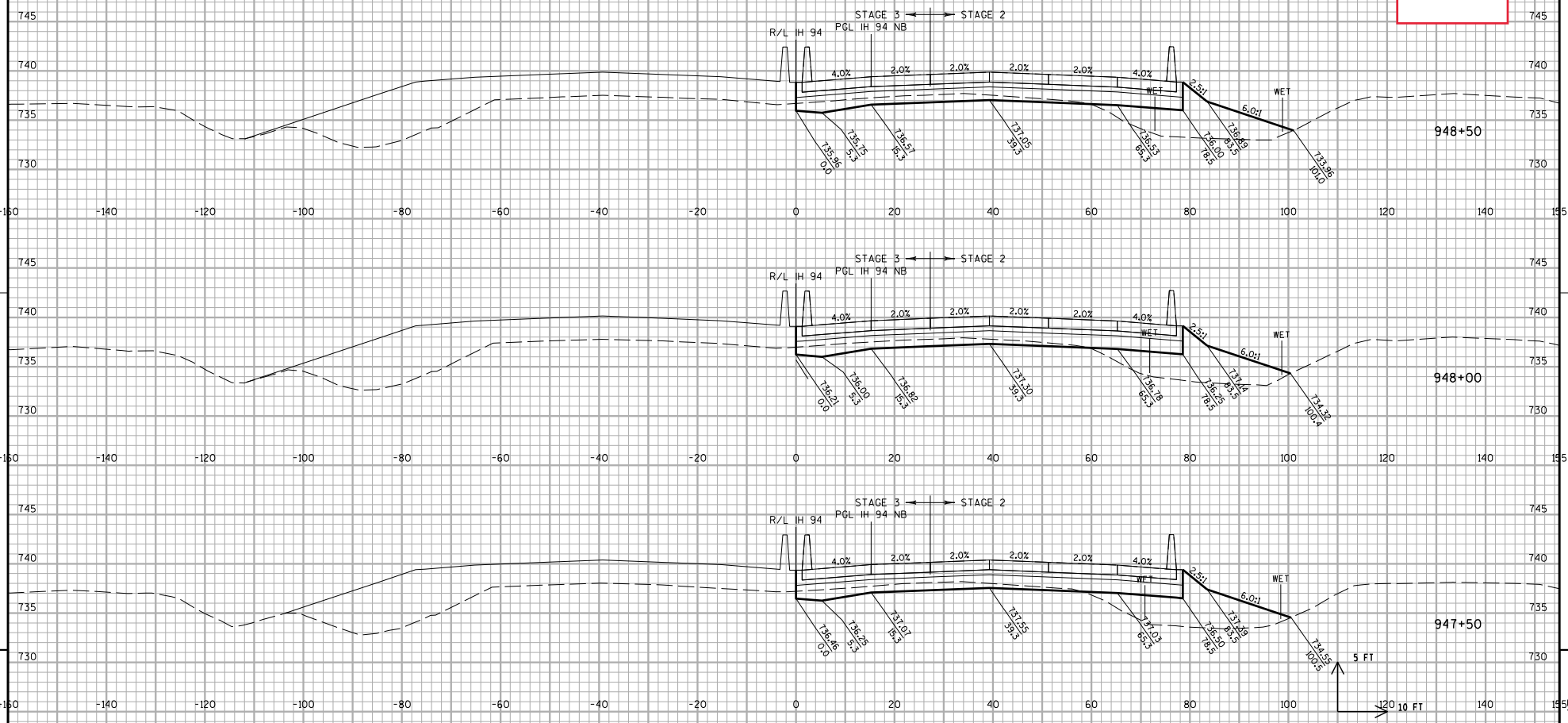
STA 946+00 TO 947+00

9

| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 NB | SHEET 549 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\16\16MS\16S Rubblizing Removal\CDS\090202_xs_IH94NB_MS.dgn PLOT DATE : 5/11/2018 PLOT BY : plr PLOT NAME : $FILE$ PLOT SCALE : 1:20 WISDOT/CADDS SHEET 21

Addendum No. 01
ID 1030-11-80
Revised Sheet 550
May 16, 2018

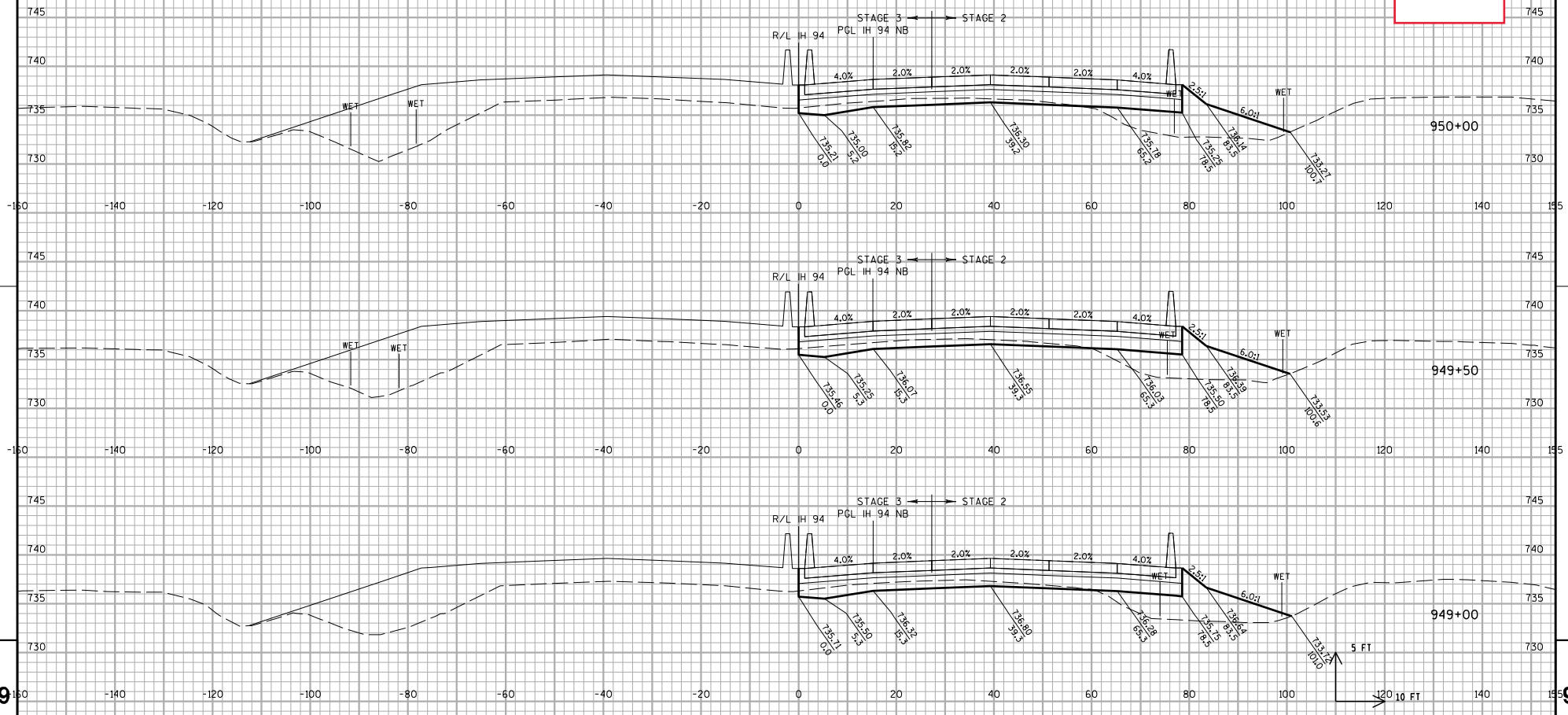



STA 947+50 TO 948+50

| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 NB | SHEET 550 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\16\16MS\16S Rubblizing Removal\CDS\090202_xs_IH94NB_MS.dgn PLOT DATE : 5/11/2018 PLOT BY : plr PLOT NAME : $FILE$ PLOT SCALE : 1:20 WISDOT/CADDS SHEET 21

Addendum No. 01
ID 1030-11-80
Revised Sheet 551
May 16, 2018




STA 949+00 TO 950+00

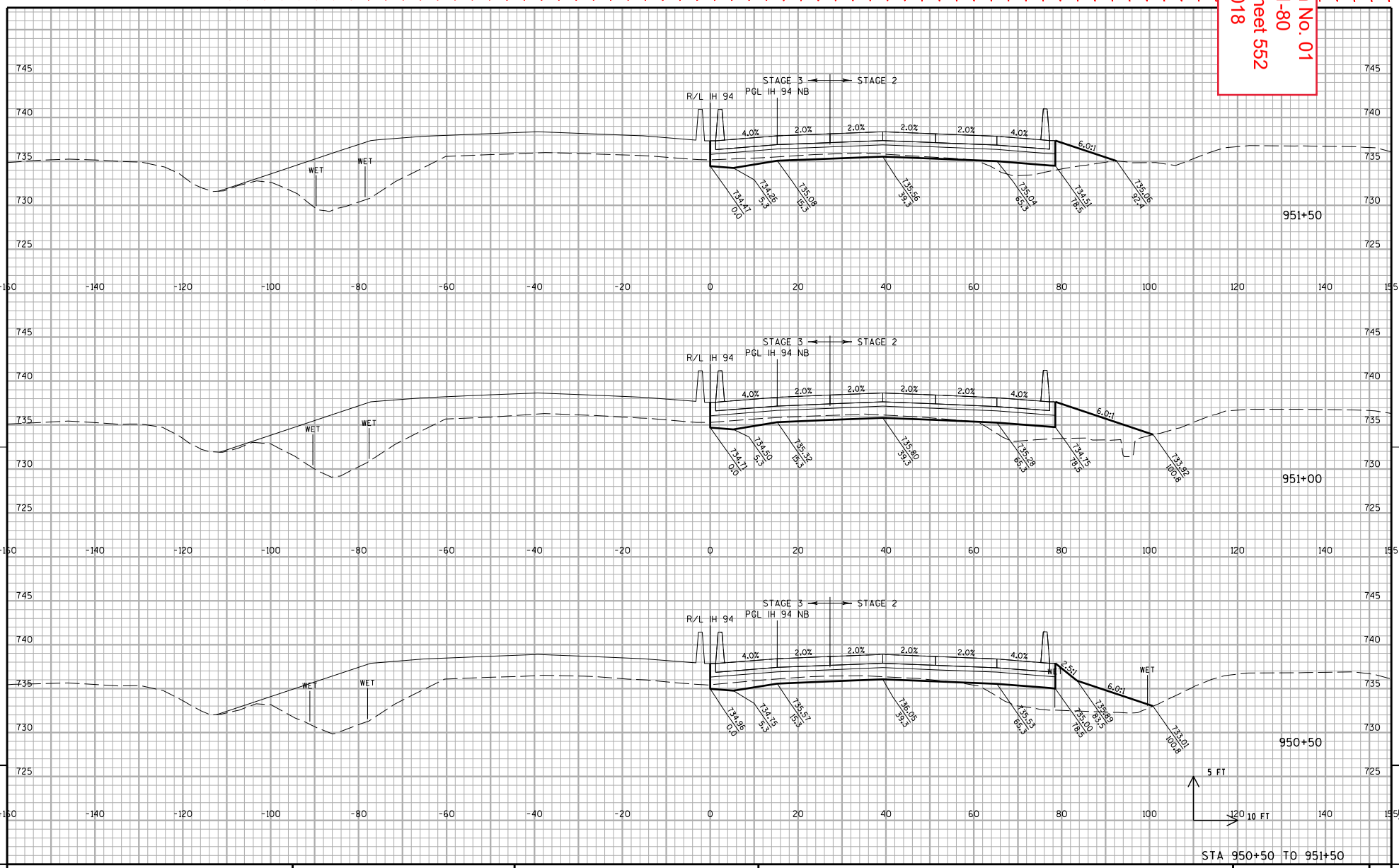
| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 NB | SHEET 551 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\16\16MS\16S Rubblizing Removal\CDS\090202_xs_IH94NB_MS.dgn PLOT DATE : 5/11/2018 PLOT BY : plr PLOT NAME : $FILE$ PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21

9 9

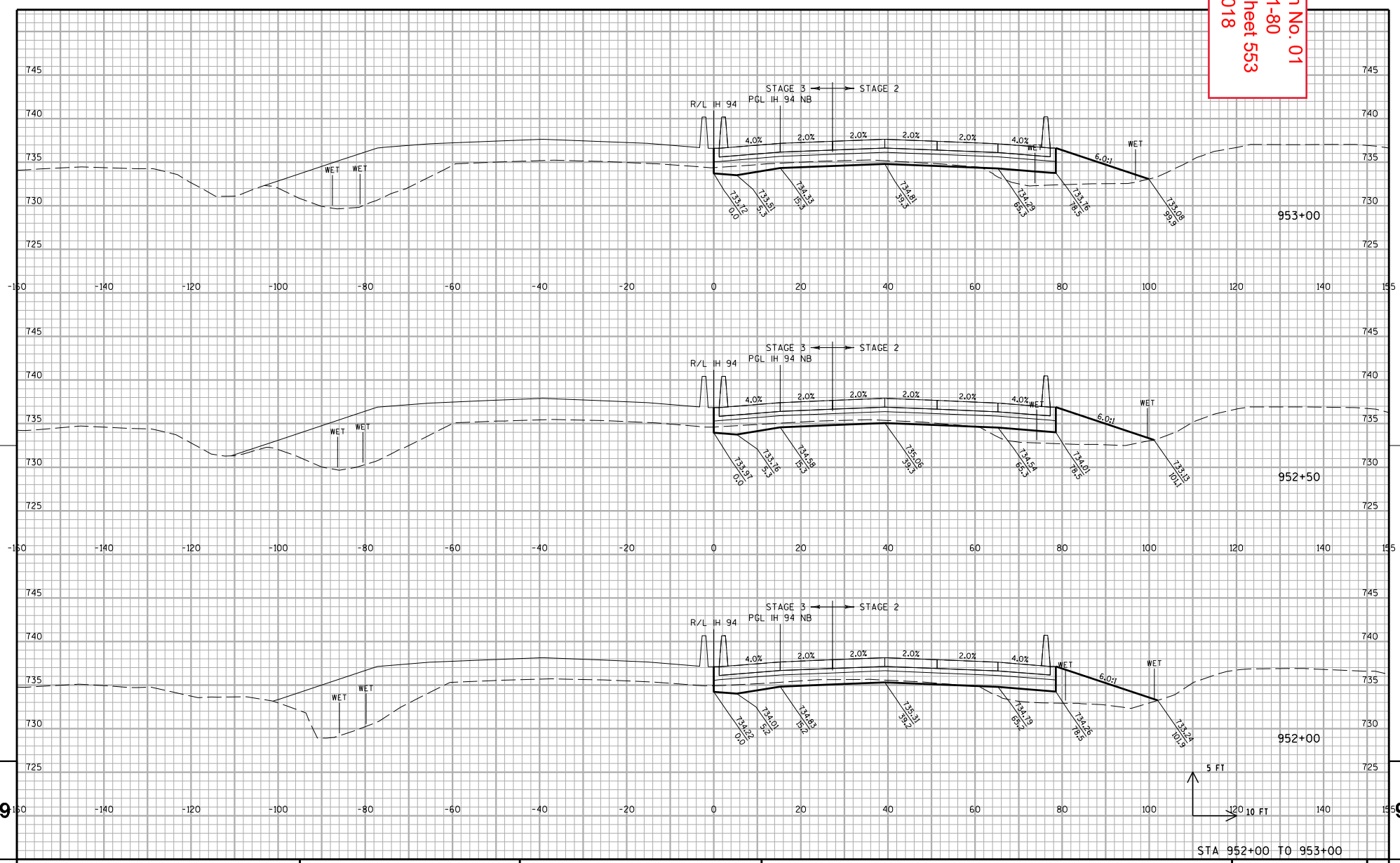
Addendum No. 01
ID 1030-11-80
Revised Sheet 552
May 16, 2018




| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 NB | SHEET 552 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\16\16MS\16S Rubblizing Removal\CDS\090202_xs_IH94NB_MS.dgn PLOT DATE : 5/11/2018 PLOT BY : plr PLOT NAME : $FILE$ PLOT SCALE : 1:20 WISDOT/CADDS SHEET 21

Addendum No. 01
ID 1030-11-80
Revised Sheet 553
May 16, 2018

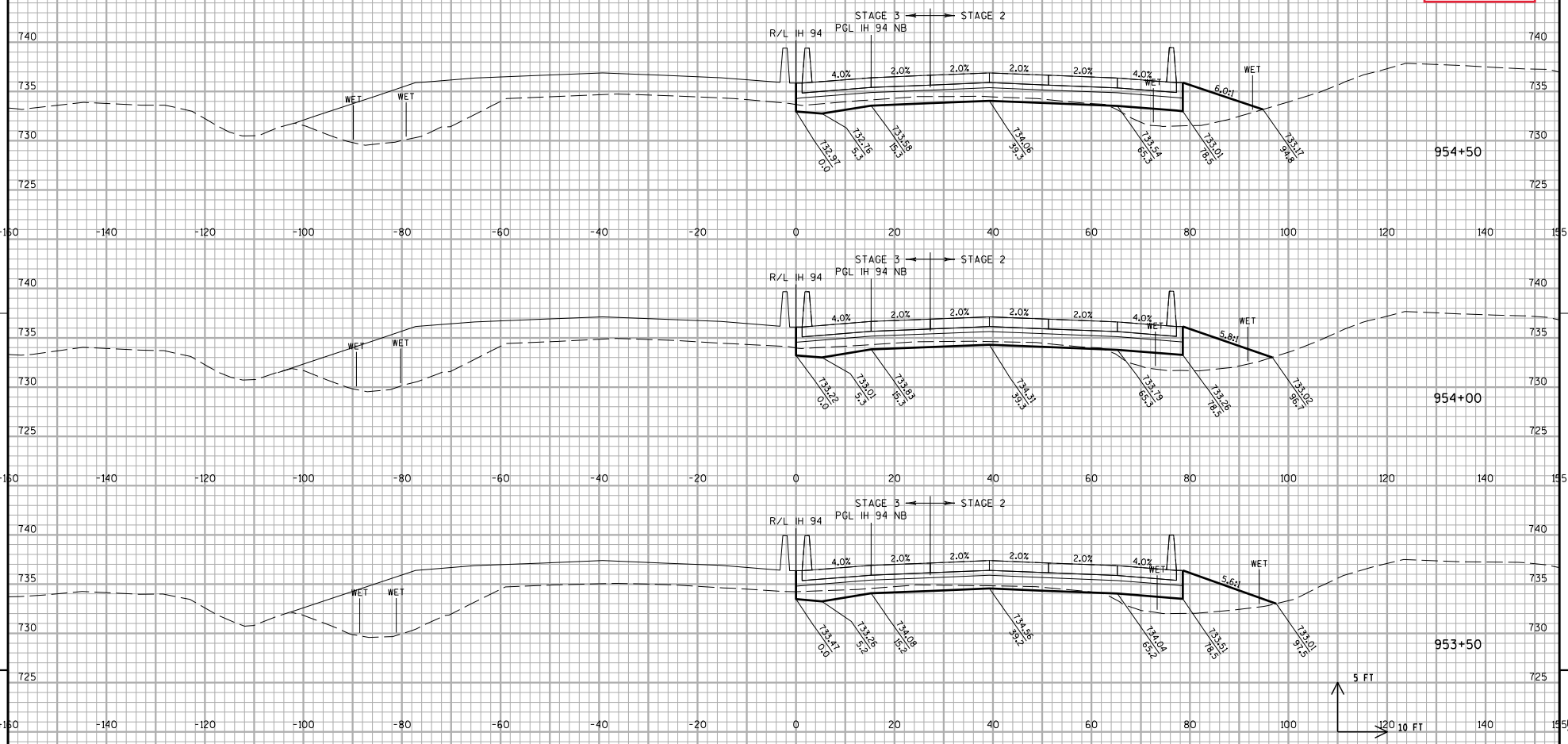



| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 NB | SHEET 553 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\16\16MS\16S Rubblizing Removal\CDS\090202_xs_IH94NB_MS.dgn PLOT DATE : 5/11/2018 PLOT BY : plr PLOT NAME : $FILE$ PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21

Addendum No. 01
ID 1030-11-80
Revised Sheet 554
May 16, 2018



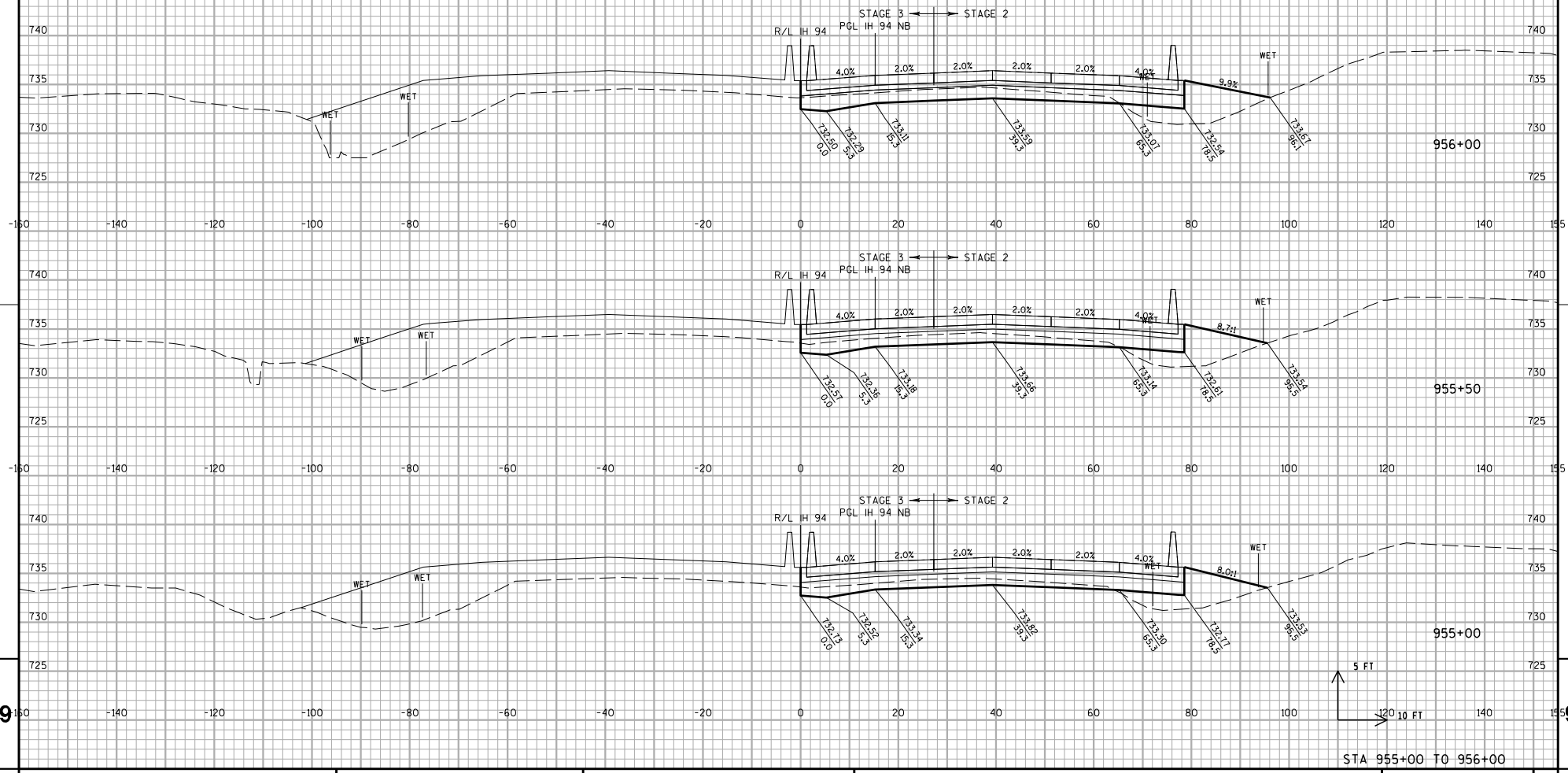

STA 953+50 TO 954+50

| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 NB | SHEET 554 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\16\16MS\16S Rubblizing Removal\CDS\090202_xs_IH94NB_MS.dgn PLOT DATE : 5/11/2018 PLOT BY : plr PLOT NAME : $FILE$ PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21

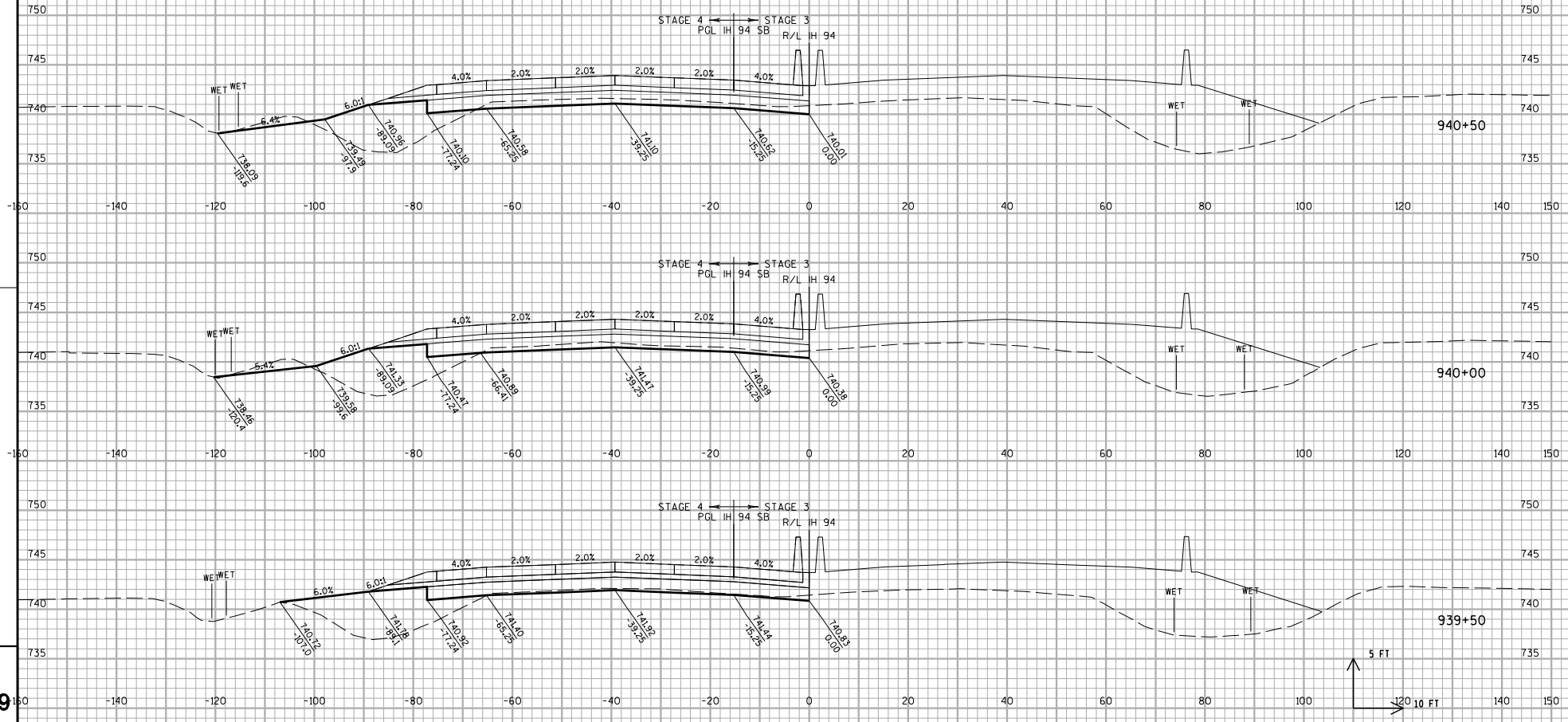
Addendum No. 01
ID 1030-11-80
Revised Sheet 555
May 16, 2018




STA 955+00 TO 956+00

| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 NB | SHEET 555 | E |
|---|---|---|---|---|---|

Addendum No. 01
ID 1030-11-80
Revised Sheet 600
May 16, 2018



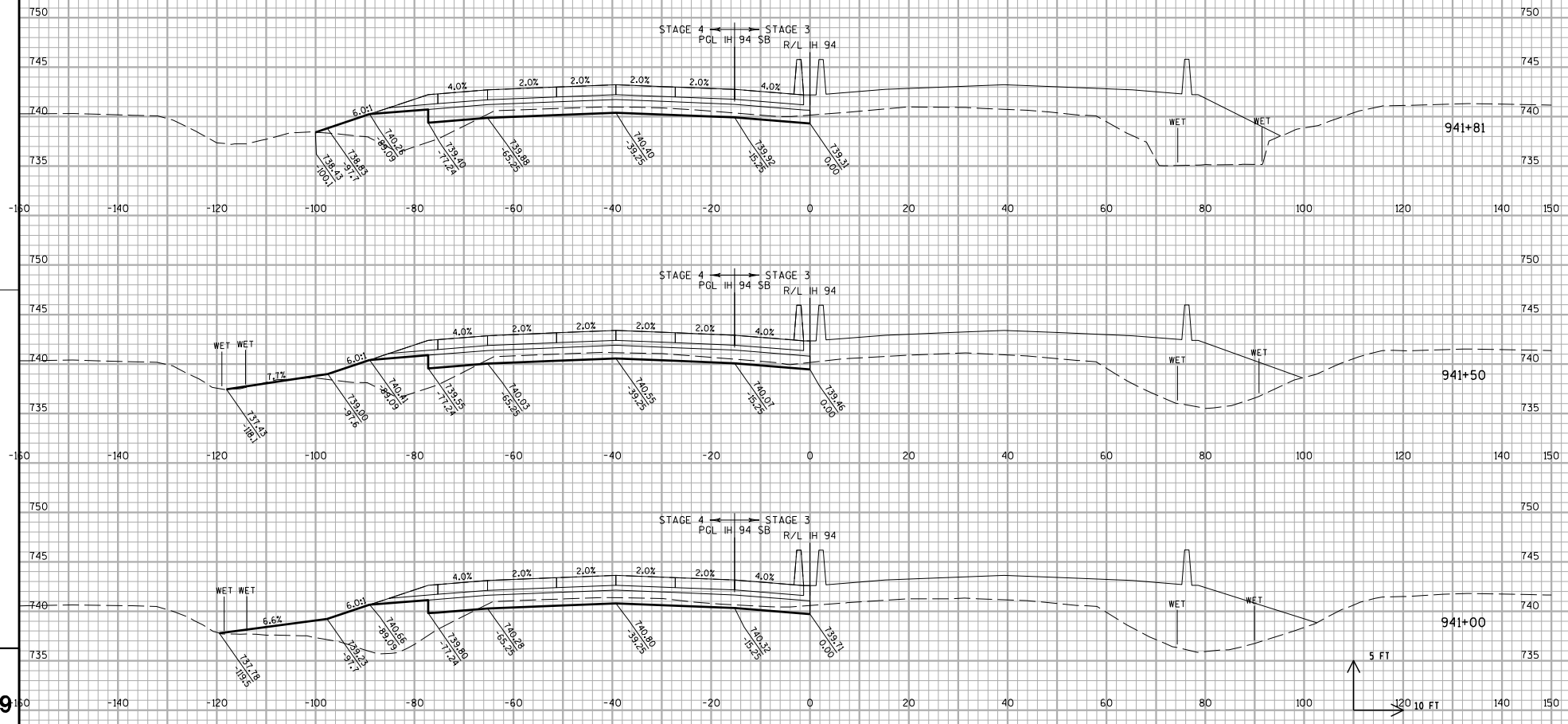

STA 939+50 TO 940+50

| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 SB | SHEET 600 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\16\16MS\16S Rubblizing Removal\CDS\090203_xs_IH94SB_MS.dgn
PLOT DATE : 5/11/2018
PLOT BY : kld
PLOT NAME : $FILE$
PLOT SCALE : 1:20
WSDOT/CADDS SHEET 21

9 9

Addendum No. 01
ID 1030-11-80
Revised Sheet 601
May 16, 2018



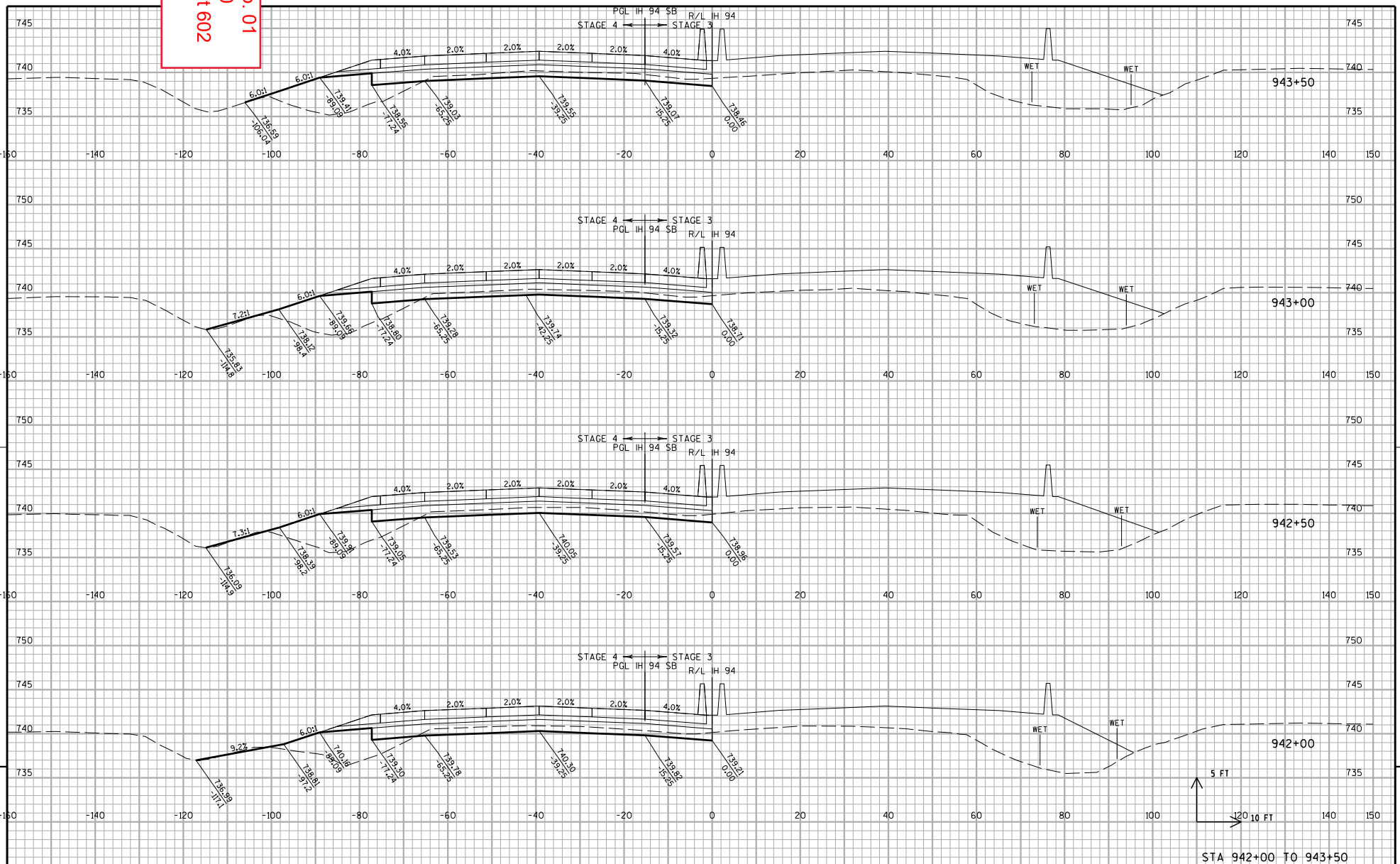

STA 941+00 TO 941+81

| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 SB | SHEET 601 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\16\16MS\16S Rubblizing Removal\CDS\090203_xs_IH94SB_MS.dgn PLOT DATE : 5/11/2018 PLOT BY : Kld PLOT NAME : $FILE$ PLOT SCALE : 1:20 WISDOT/CADDS SHEET 21

9 9

Addendum No. 01
ID 1030-11-80
Revised Sheet 602
May 16, 2018




STA 942+00 TO 943+50

| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 SB | SHEET 602 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\16\16MS\16S Rubblizing Removal\CDS\090203_xs_IH94SB_MS.dgn
PLOT DATE : 5/11/2018 PLOT BY : kld PLOT NAME : $FILE$ PLOT SCALE : 1:20
WISDOT/CADDS SHEET 21

9 9

Addendum No. 01
ID 1030-11-80
Revised Sheet 603
May 16, 2018

STA 944+00 TO 945+50

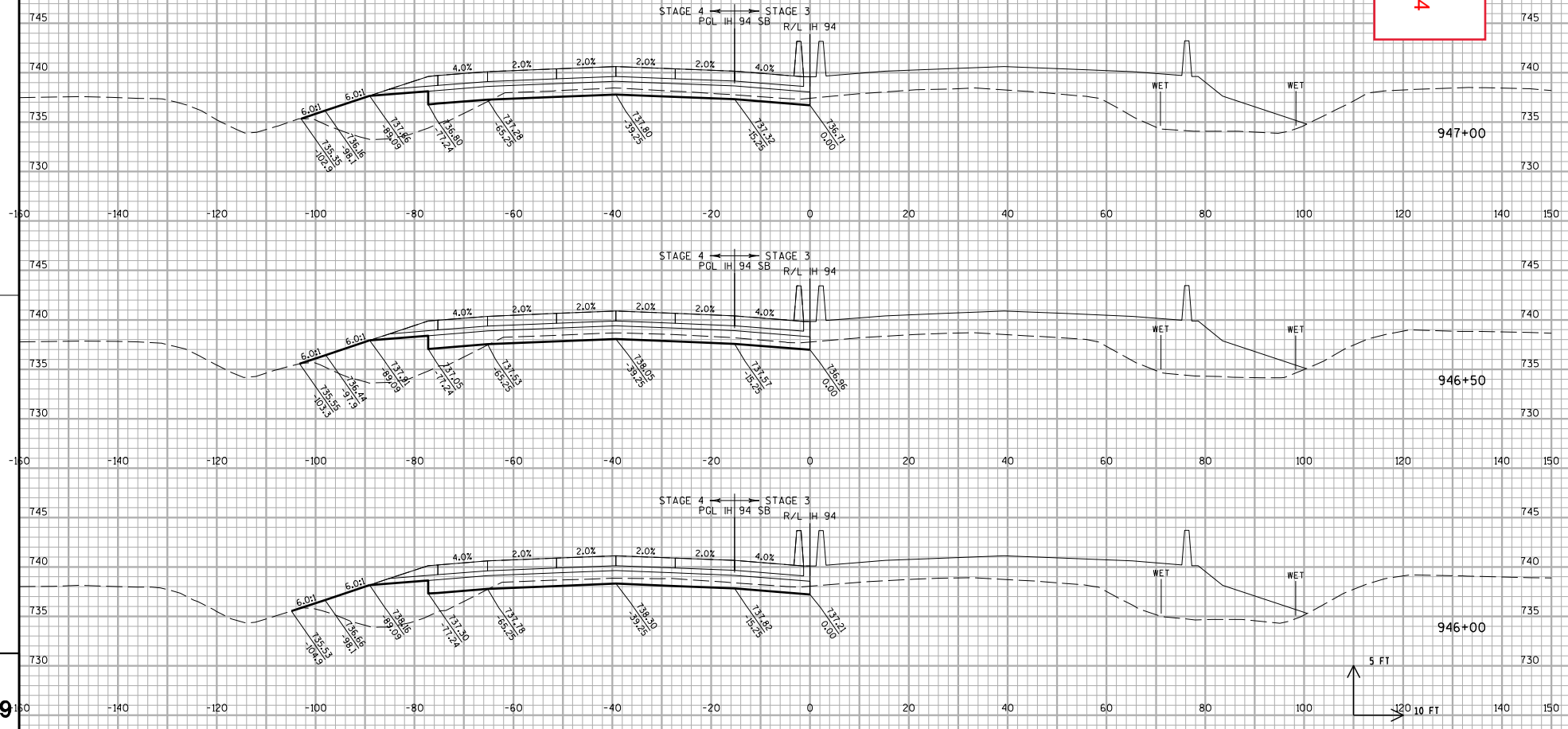
| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 SB | SHEET 603 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\16\16MS\16S Rubblizing Removal\CDS\090203_xs_IH94SB_MS.dgn | PLOT DATE : 5/11/2018 | PLOT BY : kld | PLOT NAME : $FILE$ | PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21

9 9

Addendum No. 01
ID 1030-11-80
Revised Sheet 604
May 16, 2018



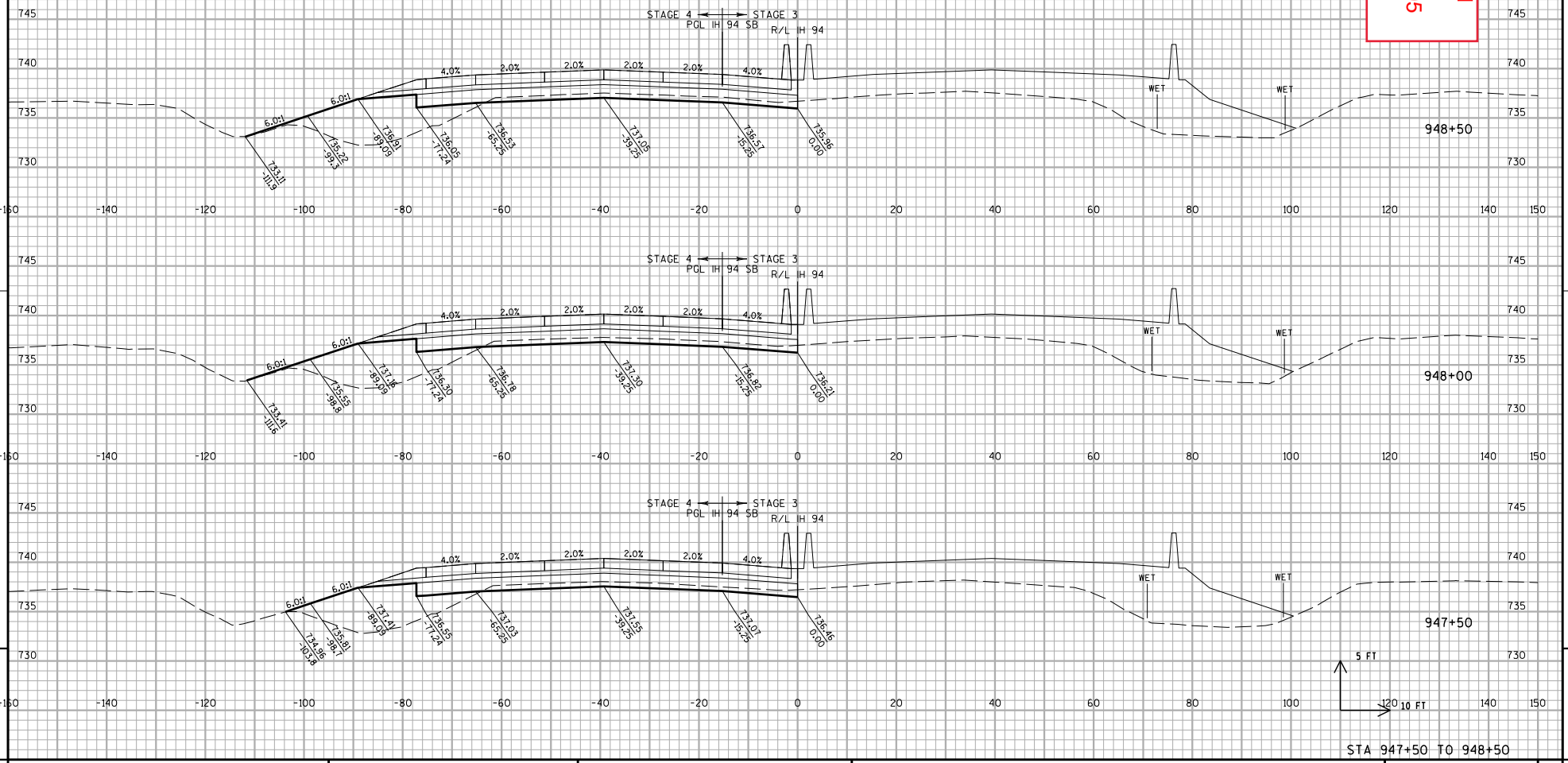

| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 SB | SHEET 604 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\16\16MS\16S Rubblizing Removal\CDS\090203_xs_IH94SB_MS.dgn PLOT DATE : 5/11/2018 PLOT BY : kld PLOT NAME : $FILE$ PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21

9 9

Addendum No. 01
ID 1030-11-80
Revised Sheet 605
May 16, 2018



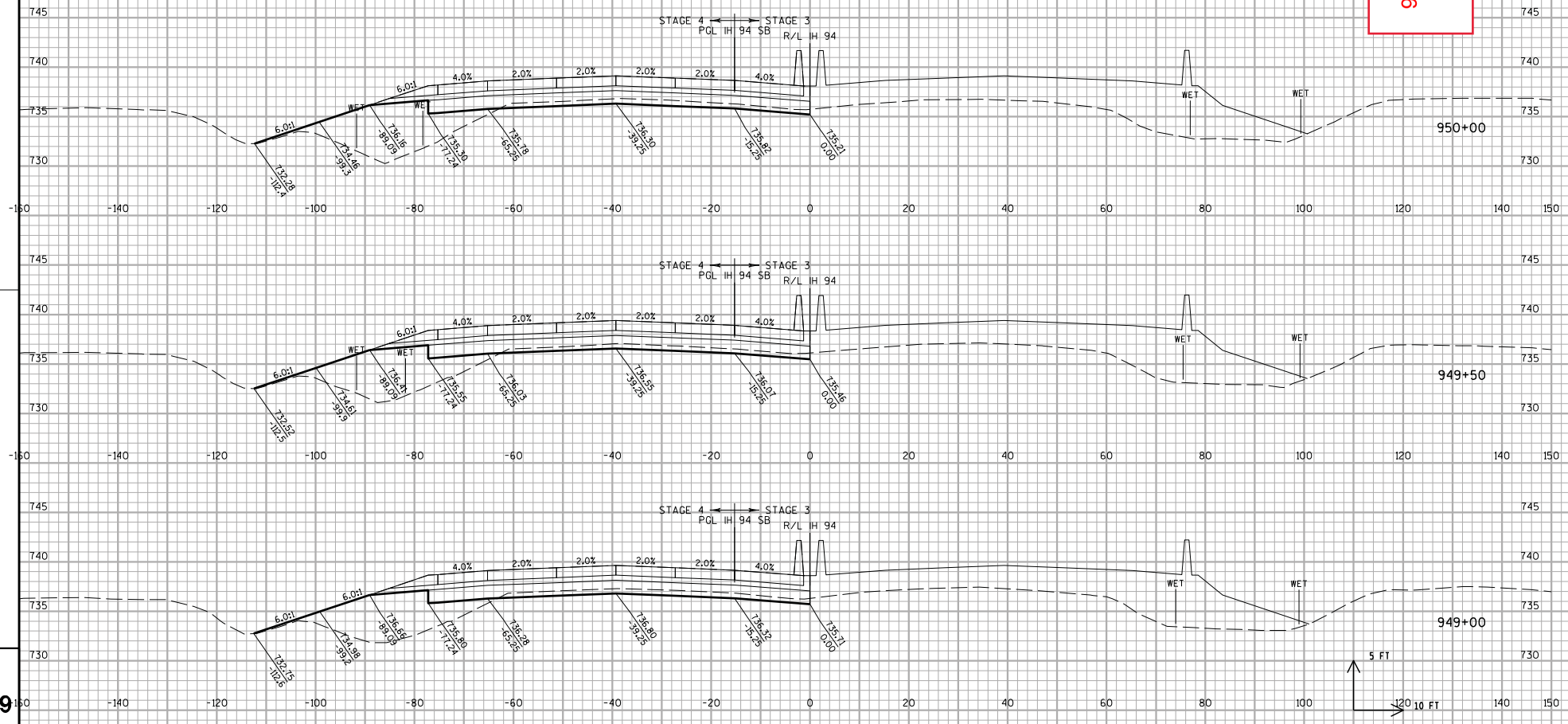

STA 947+50 TO 948+50

| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 SB | SHEET 605 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\16\16MS\16S Rubblizing Removal\CDS\090203_xs_IH94SB_MS.dgn
PLOT DATE : 5/11/2018
PLOT BY : kld
PLOT NAME : $FILE$
PLOT SCALE : 1:20
WISDOT/CADDS SHEET 21

9 9

Addendum No. 01
ID 1030-11-80
Revised Sheet 606
May 16, 2018

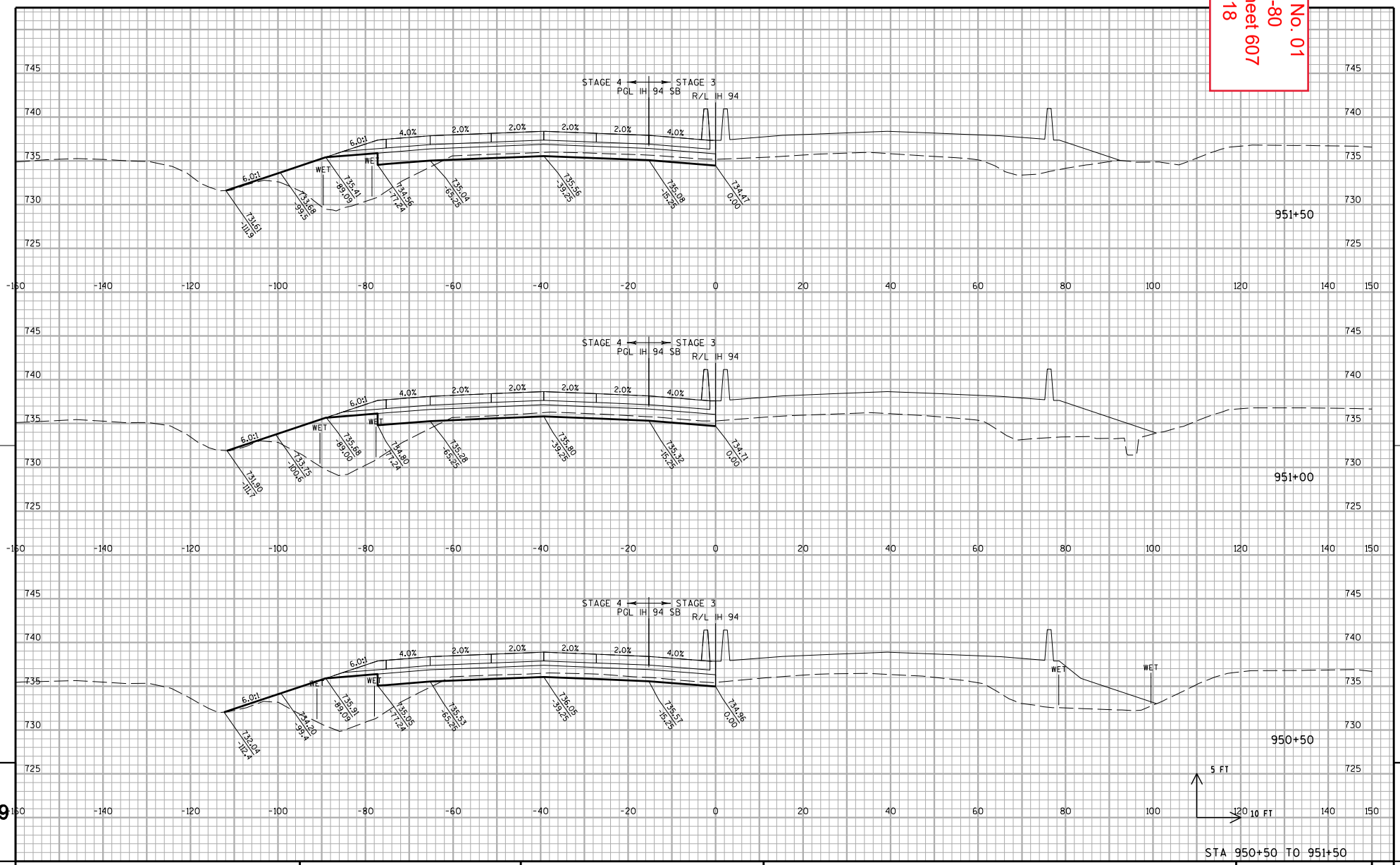



STA 949+00 TO 950+00

| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 SB | SHEET 606 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\16\16MS\16S Rubblizing Removal\CDS\090203_xs_IH94SB_MS.dgn
PLOT DATE : 5/11/2018
PLOT BY : kld
PLOT NAME : $FILE$
PLOT SCALE : 1:20
WISDOT/CADDS SHEET 21

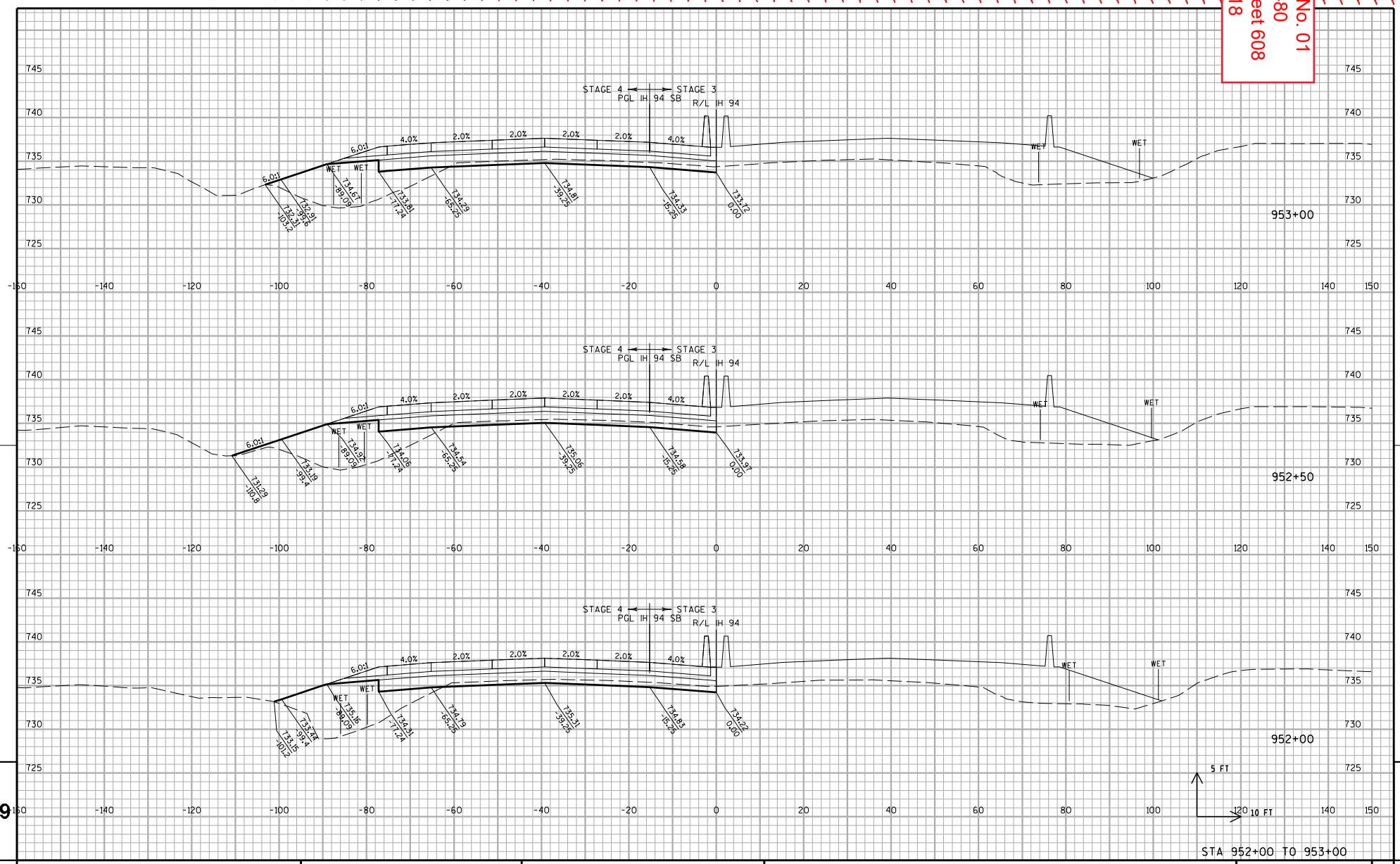
Addendum No. 01
ID 1030-11-80
Revised Sheet 607
May 16, 2018




| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 SB | SHEET 607 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\16\16MS\16S Rubblizing Removal\CDS\090203_xs_IH94SB_MS.dgn PLOT DATE : 5/11/2018 PLOT BY : kld PLOT NAME : $FILE$ PLOT SCALE : 1:20 WISDOT/CADDS SHEET 21

Addendum No. 01
ID 1030-11-80
Revised Sheet 608
May 16, 2018

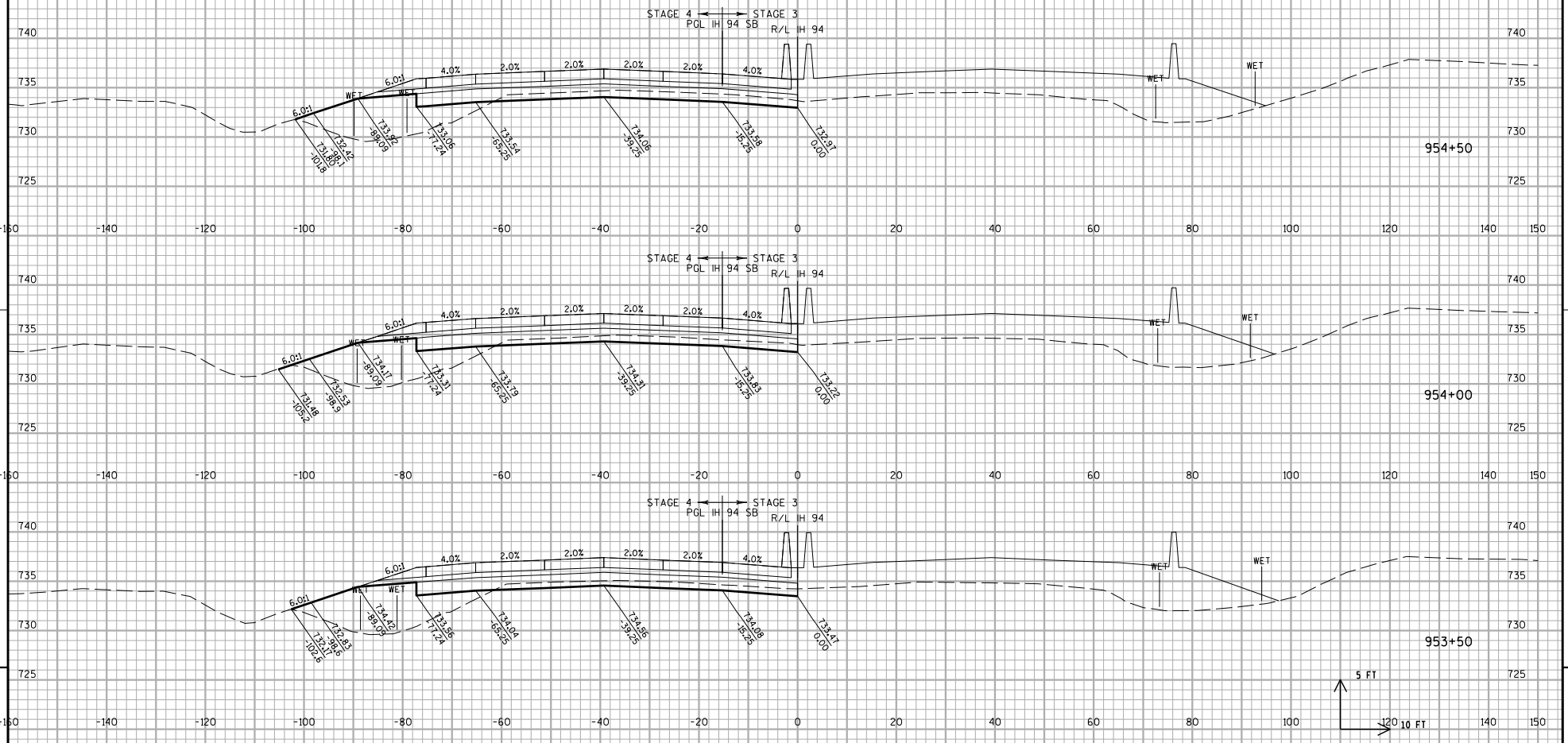



STA 952+00 TO 953+00

| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 SB | SHEET 608 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\16\16MS\16S Rubblizing Removal\CDS\090203_xs_IH94SB_MS.dgn PLOT DATE : 5/11/2018 PLOT BY : kld PLOT NAME : $FILE$ PLOT SCALE : 1:20 WISDOT/CADDS SHEET 21

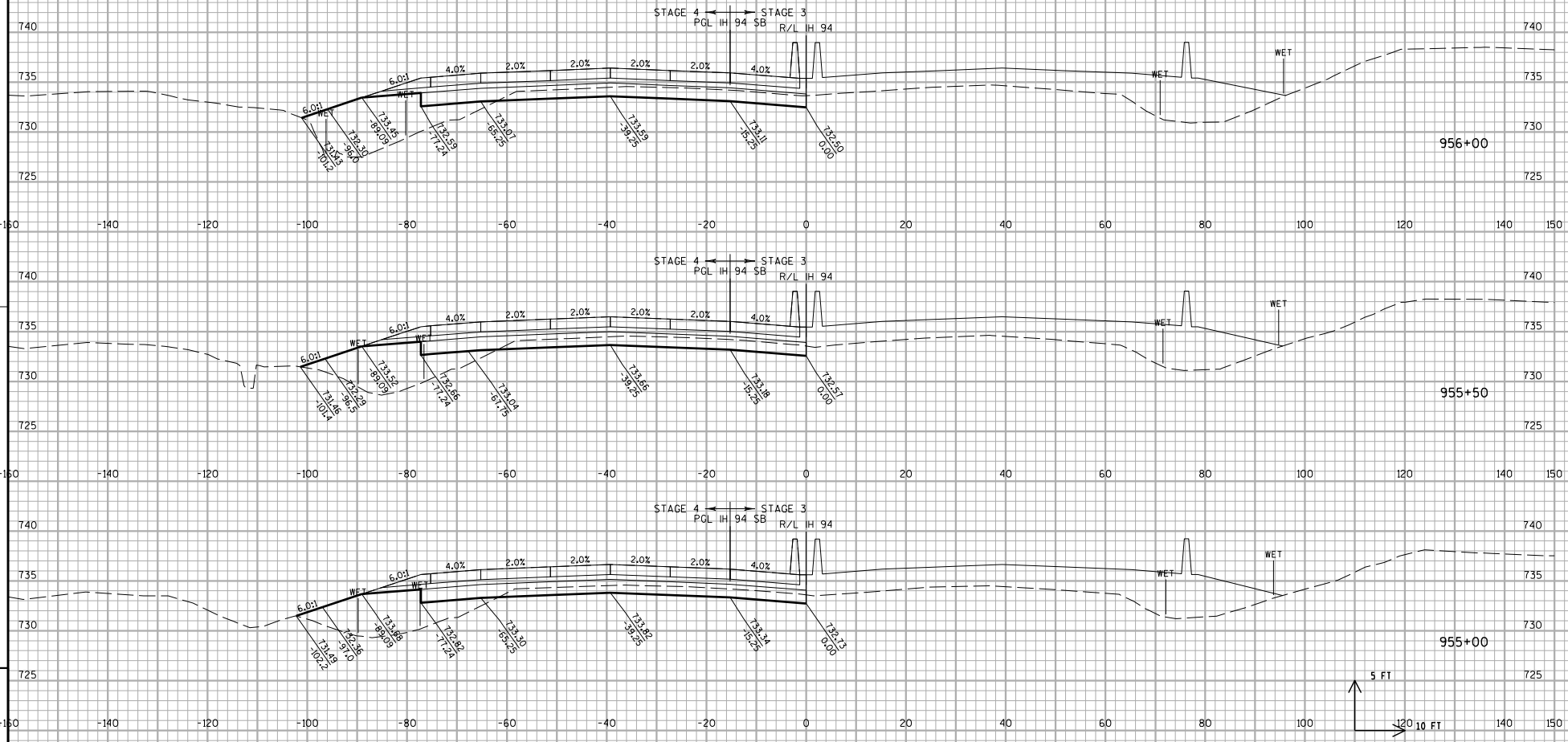
Addendum No. 01
ID 1030-11-80
Revised Sheet 609
May 16, 2018




| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 SB | SHEET 609 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\16\16MS\16S Rubblizing Removal\CDS\090203_xs_IH94SB_MS.dgn PLOT DATE : 5/11/2018 PLOT BY : kld PLOT NAME : $FILE$ PLOT SCALE : 1:20 WISDOT/CADDS SHEET 21

Addendum No. 01
ID 1030-11-80
Revised Sheet 610
May 16, 2018



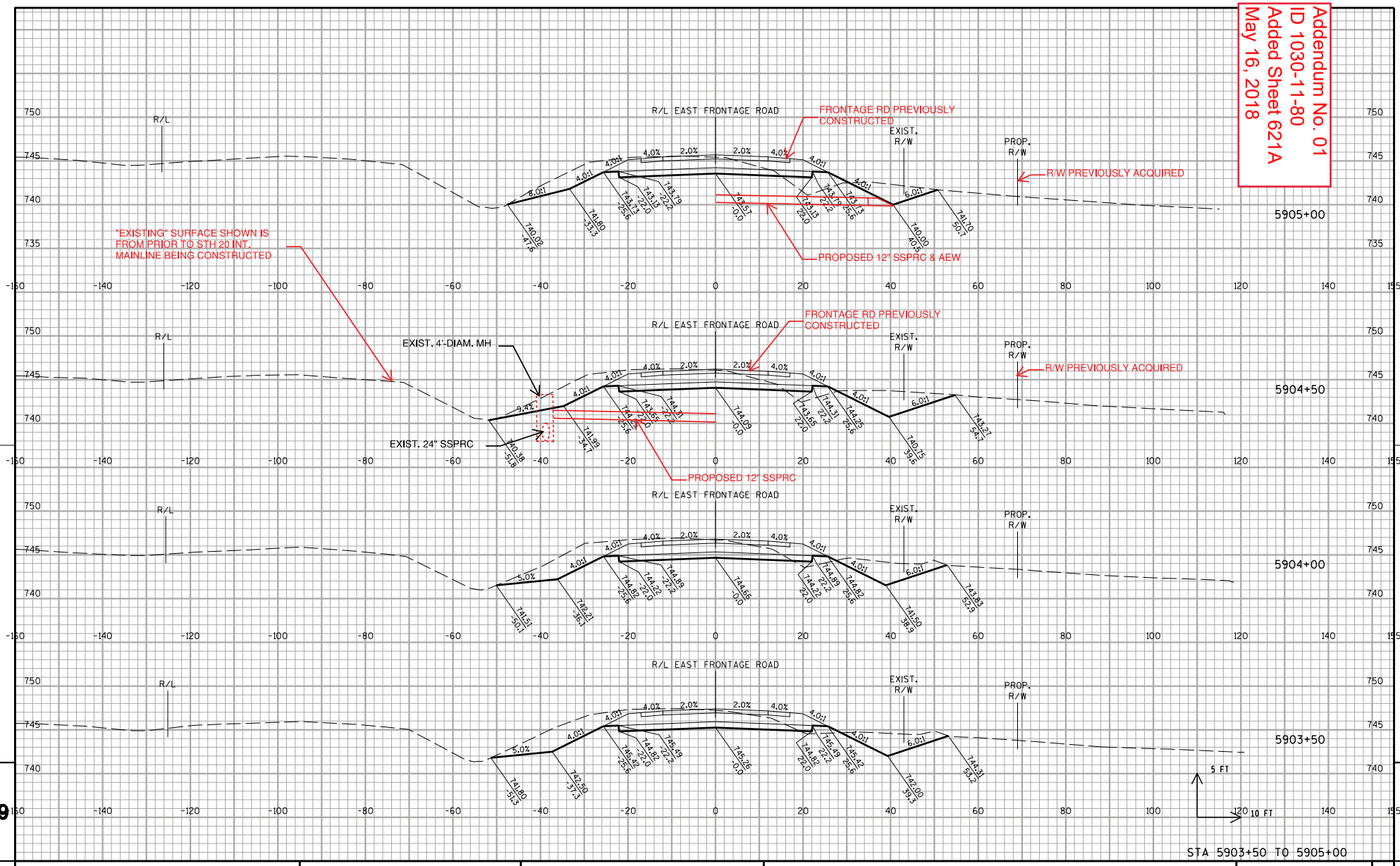

| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 SB | SHEET 610 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\16\16MS\16S Rubblizing Removal\CDS\090203_xs_IH94SB_MS.dgn PLOT DATE : 5/11/2018 PLOT BY : kld PLOT NAME : $FILE$ PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21


9

Addendum No. 01
ID 1030-11-80
Added Sheet 621A
May 16, 2018

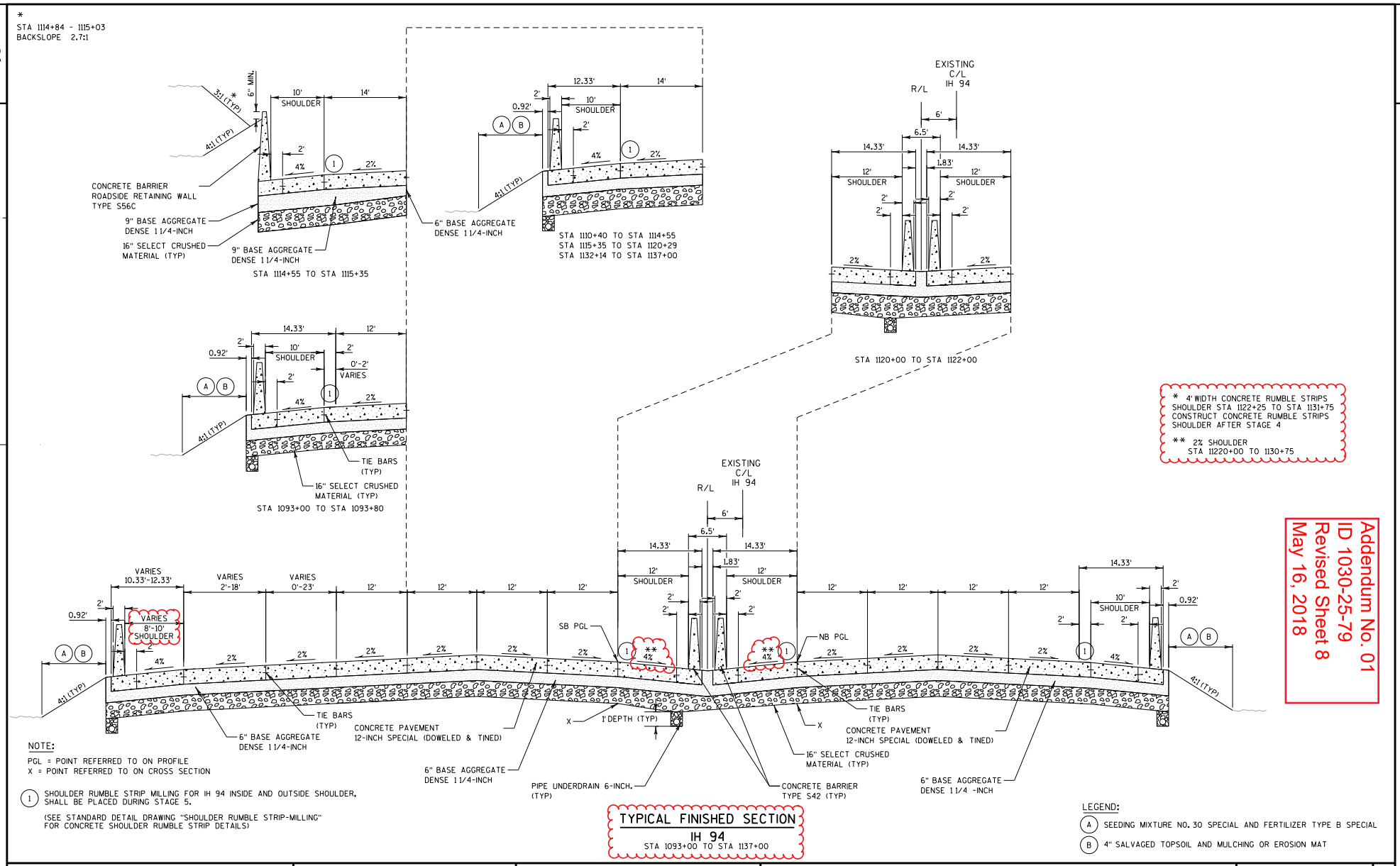



STA 5903+50 TO 5905+00

| PROJECT NO: 1030-11-80 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: EAST FRONTAGE ROAD | SHEET 621A | E |
|---|---|---|---|---|---|

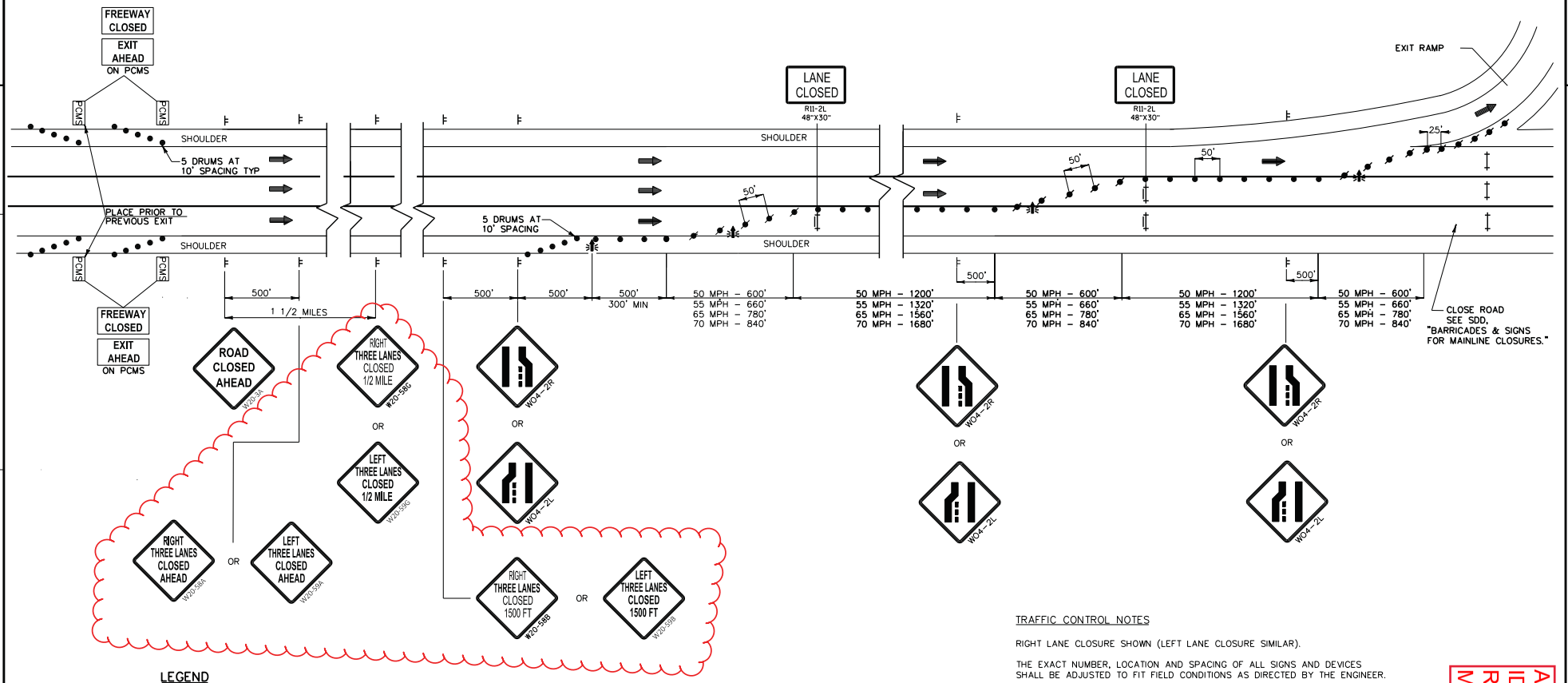
FILE NAME : Z:\Racine\CADDS\16\16E\CDS\090201_xs_efr.dgn PLOT DATE : 8/29/2012 PLOT BY : k1d PLOT NAME : $FILE$ PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21




| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | TYPICAL SECTIONS | SHEET 8 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\020302_ts.dgn PLOT DATE : 5/11/2018 PLOT BY : eric.handler PLOT NAME : $FILE$ PLOT SCALE : 1:15




## LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH TWO (2) TYPE "A" WARNING LIGHTS (FLASHING)
- TYPE III BARRICADE WITH SIGN WITH TWO (2) TYPE "A" WARNING LIGHTS (FLASHING)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- FLASHING ARROW BOARD
- DIRECTION OF TRAFFIC
- PCMS TRAFFIC CONTROL SIGN PORTABLE CHANGEABLE MESSAGE BOARD
- WORK AREA

## THREE LANE FULL FREEWAY CLOSURE

### TRAFFIC CONTROL NOTES

RIGHT LANE CLOSURE SHOWN (LEFT LANE CLOSURE SIMILAR).

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

FOR NIGHTTIME OPERATION ALL DRUMS IN TAPERS SHALL HAVE A WARNING LIGHT, TYPE C (STEADY BURN).

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROL SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.

IF LANE CLOSURE IS MORE THAN 1 MILE, PLACE A TYPE III BARRICADE APPROXIMATELY EVERY 1000' ACROSS EACH CLOSED LANE TO HELP ENFORCE THE DRUM LINE.

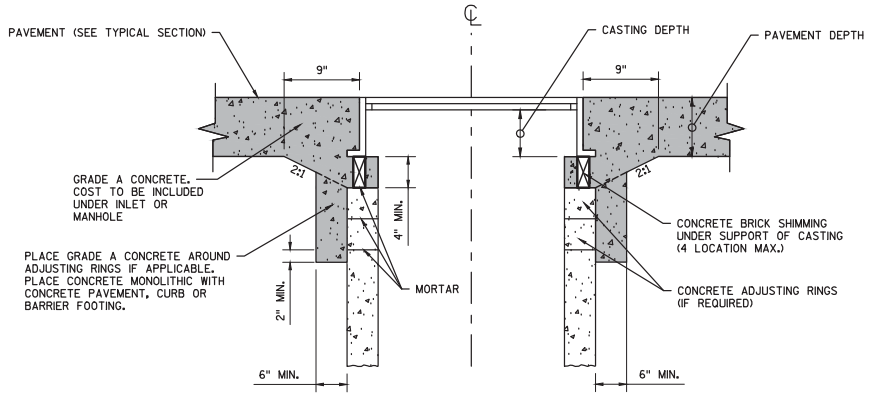
CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS FOR A MINIMUM 1500' IN FRONT OF DRUMS, WITH LANE CLOSED SIGN.

REFER TO DETOUR ROUTES FOR TRAFFIC CLOSING SIGNS.

Addendum No. 01
ID 1030-25-79
Revised Sheet 31
May 16, 2018

| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CONSTRUCTION DETAILS | SHEET 31 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\021003_cd.dgn PLOT DATE : 5/2/2018 PLOT BY : heather.stabo PLOT NAME : PLOT SCALE : 1:200




NOTES

(1) PROVIDE MONOLITHIC CONCRETE SHIMMING FOR FINAL ADJUSTMENT OF DRAINAGE STRUCTURES LOCATED WITHIN THE ROADWAY CONCRETE PAVEMENT AND CONCRETE CURB & GUTTER.

MONOLITHIC CONCRETE

## MONOLITHIC CONCRETE SHIMMING DETAIL

Addendum No. 01
ID 1030-25-79
Added Sheet 41A
May 16, 2018

APPLICABLE TO ALL TRAFFIC CONTROL SHEETS IN THIS PLAN SET.

## LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA THIS STAGE
- TEMPORARY RAISED PAVEMENT MARKERS TYPE I (ONE WAY REFLECTOR)
- DIRECTION OF TRAFFIC
- CC — CRASH CUSHION TEMPORARY
- TBC — TEMPORARY THRIE BEAM CONNECTION (INCIDENTAL)
- TEMPORARY WIDENING
- (GS) — GLARE SCREEN TEMPORARY
- (SC) — RUMBLE STRIPS (SAWED IN)
- TEMPORARY RAISED PAVEMENT MARKERS TYPE II (TWO WAY REFLECTOR)
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- (A) — TYPE A WARNING LIGHT (FLASHING)
- (C) — TYPE C WARNING LIGHT (STEADY BURN)
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

## PAVEMENT MARKING LEGEND

(225) TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
(226) TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
(227) TEMPORARY MARKING LINE PAINT 4-INCH (DASHED WHITE) (12.5-FT LINE, 37.5-FT SKIP)
(228) TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
(229) TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)
(230) TEMPORARY MARKING LINE EPOXY 4-INCH (DASHED WHITE) (12.5-FT LINE, 37.5-FT SKIP)
(231) TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
(232) TEMPORARY MARKING LINE PAINT 8-INCH (DOT PATTERN WHITE) (3-FT LINE, 12-FT SKIP)
(233) TEMPORARY MARKING LINE EPOXY 8-INCH (WHITE)
(234) TEMPORARY MARKING LINE EPOXY 8-INCH (DOT PATTERN WHITE) (3-FT LINE, 12-FT SKIP)
(235) TEMPORARY MARKING DIAGONAL EPOXY 12-INCH (WHITE)
(236) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
(237) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
(238) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DASHED WHITE) (12.5-FT LINE, 37.5-FT SKIP)
(239) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW) (WET REFLECTIVE)
(240) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE) (WET REFLECTIVE)
(241) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
(242) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE) (WET REFLECTIVE)
(243) TEMPORARY MARKING ARROW PAINT
(244) TEMPORARY MARKING ARROW EPOXY
(245) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE) (WET REFLECTIVE) (3-FT LINE, 12-FT SKIP)
(246) MARKING LINE EPOXY 4-INCH (WHITE)
(247) MARKING LINE EPOXY 4-INCH (DASHED WHITE) (12.5-FT LINE, 37.5-FT SKIP)
(248) MARKING LINE EPOXY 4-INCH (YELLOW)
(249) MARKING LINE EPOXY 8-INCH (WHITE)

## GENERAL NOTES FOR CONSTRUCTION STAGING AND TRAFFIC CONTROL

1. ALL TRAFFIC CONTROL SIGNS SHALL BE 48" X 48' UNLESS OTHERWISE NOTED IN THE PLANS.

2. "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.

3. TRAFFIC CONTROL DRUMS IN TAPERS, SHALL BE EQUIPPED WITH TRAFFIC CONTROL WARNING LIGHTS, TYPE "C", ONE WAY LIGHTS IN TAPERS ONLY, UNLESS OTHERWISE SHOWN, DRUMS SHALL BE SPACED AT 25-FT OC IN TAPERS AND 50-FT OC ON TANGENTS OR AS OTHERWISE SHOWN.

4. SIGN LOCATIONS ARE APPROXIMATE. THE ACTUAL LOCATION SPACING MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER TO MEET FIELD CONDITIONS.

5. ALL SIGNS, TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE COVERED OR REMOVED AS NEEDED AND/OR AS DIRECTED BY THE ENGINEER. IN LIEU OF COVERING WOOD POST MOUNTED SIGNS, THE CONTRACTOR MAY CHOOSE TO REMOVE AND REINSTALL THEM.

6. ALL EXISTING CONFLICTING PAVEMENT MARKING SHALL BE REMOVED.

7. CONTRACTOR SHALL INSTALL PERMANENT SIGNS AND PERMANENT PAVEMENT MARKING WHEN APPROPRIATE DURING CONSTRUCTION STAGING AS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER

8. BARRICADE STRIPES ARE TO BE SLOPED DOWNWARD IN THE DIRECTION OF TRAFFIC FLOW.

9. ALL TRAFFIC CONTROL SIGNS LOCATED IN MEDIAN ARE TO BE MOUNTED ON MEDIAN BARRIER, SEE CONSTRUCTION DETAILS.

10. THE MOVING OF FIXED MESSAGE SIGNS TO/FROM WOOD POSTS AND PORTABLE SUPPORTS, INCLUDING ALL ASSOCIATED LABOR AND MATERIALS, IS INCLUDED IN THE COST OF THE 643.5000 "TRAFFIC CONTROL" ITEM.

11. OFFSETS TO CONCRETE BARRIER TEMPORARY PRECAST ARE TO CENTER OF BARRIER.

12. PAVEMENT MARKINGS ARE AS SHOWN ON STAGING TYPICAL SECTIONS UNLESS OTHERWISE SHOWN ON STAGING DETAIL SHEETS.

13. ANCHORING FOR CONCRETE BARRIER TEMPORARY PRECAST IS INCIDENTAL TO THE CONCRETE BARRIER TEMPORARY PRECAST BID ITEMS.

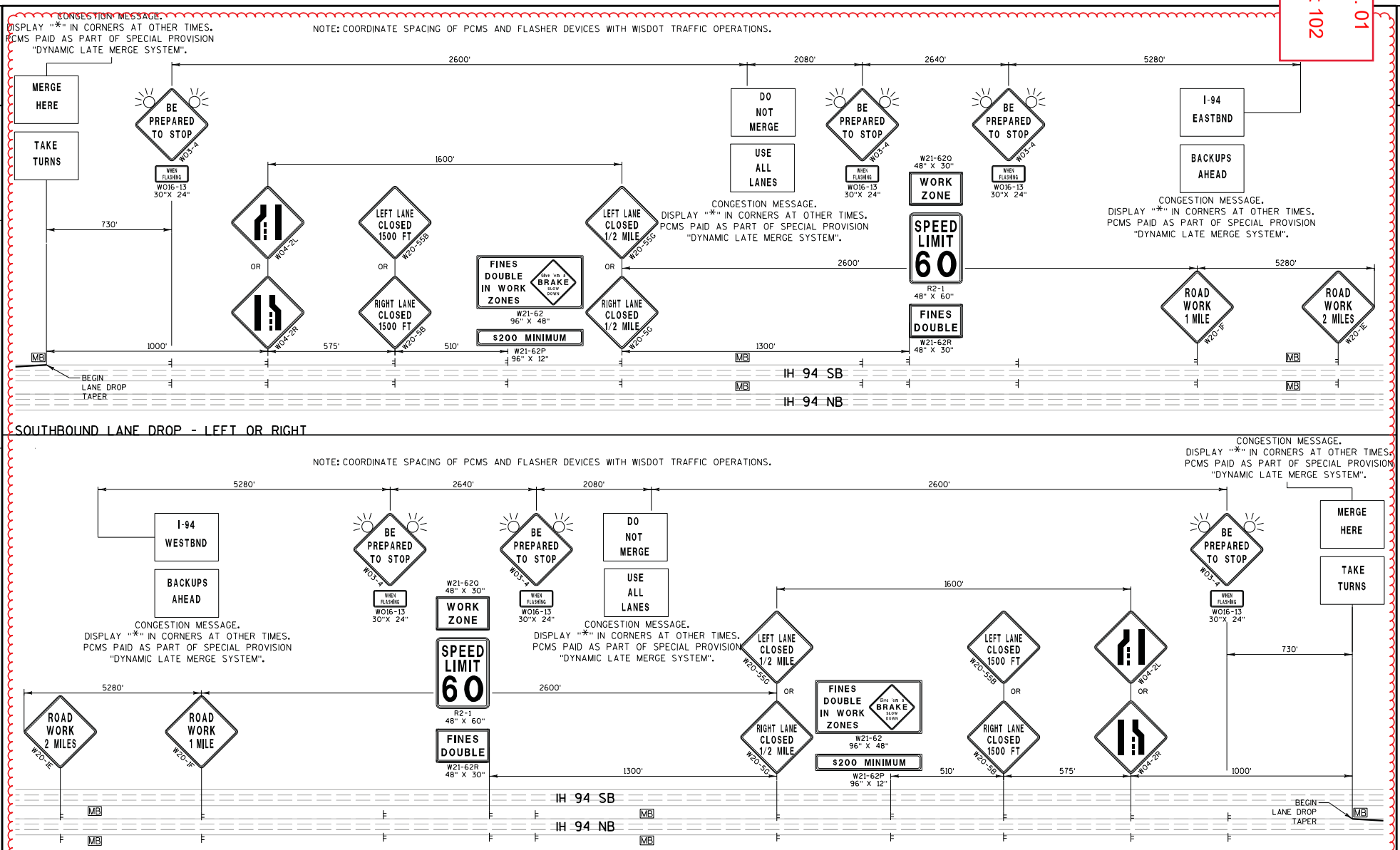
14. GRADING TO ACCOMMODATE CRASH CUSHIONS TEMPORARY IS INCIDENTAL TO THE CRASH CUSHION BID ITEMS.

Addendum No. 01
ID 1030-25-79
Revised Sheet 101
May 16, 2018

| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL: LEGENDS | SHEET 101 | E |
|---|---|---|---|---|---|

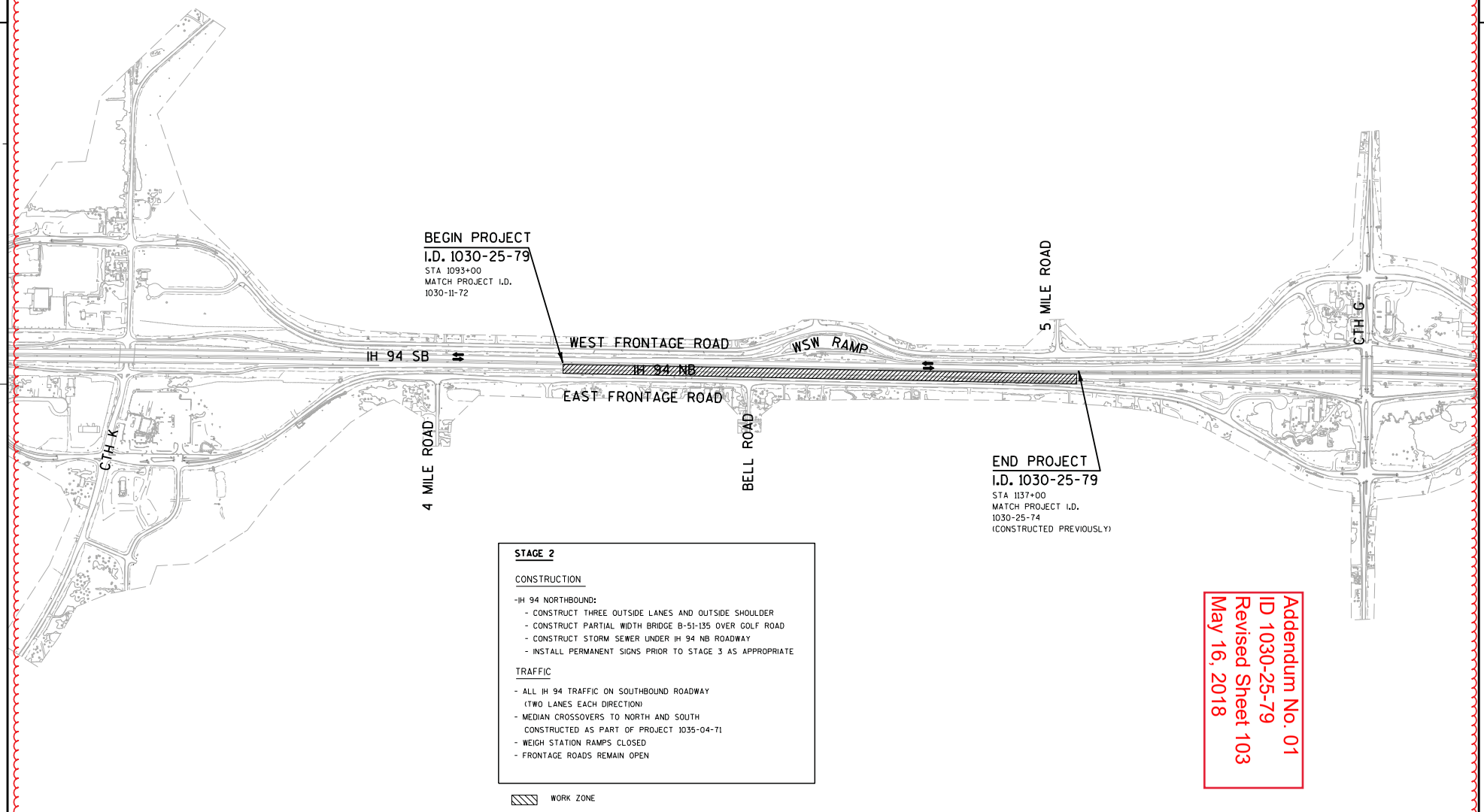
FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025000_TC.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100

Addendum No. 01
ID 1030-25-79
Revised Sheet 102
May 16, 2018




| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL: DYNAMIC LATE MERGE SYSTEM & ADV. SIGNING | SHEET 102 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025000a_TC.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100




**STAGE 2**

CONSTRUCTION

-IH 94 NORTHBOUND:
- CONSTRUCT THREE OUTSIDE LANES AND OUTSIDE SHOULDER
- CONSTRUCT PARTIAL WIDTH BRIDGE B-51-135 OVER GOLF ROAD
- CONSTRUCT STORM SEWER UNDER IH 94 NB ROADWAY
- INSTALL PERMANENT SIGNS PRIOR TO STAGE 3 AS APPROPRIATE

TRAFFIC

- ALL IH 94 TRAFFIC ON SOUTHBOUND ROADWAY (TWO LANES EACH DIRECTION)
- MEDIAN CROSSOVERS TO NORTH AND SOUTH CONSTRUCTED AS PART OF PROJECT 1035-04-71
- WEIGH STATION RAMPS CLOSED
- FRONTAGE ROADS REMAIN OPEN

WORK ZONE

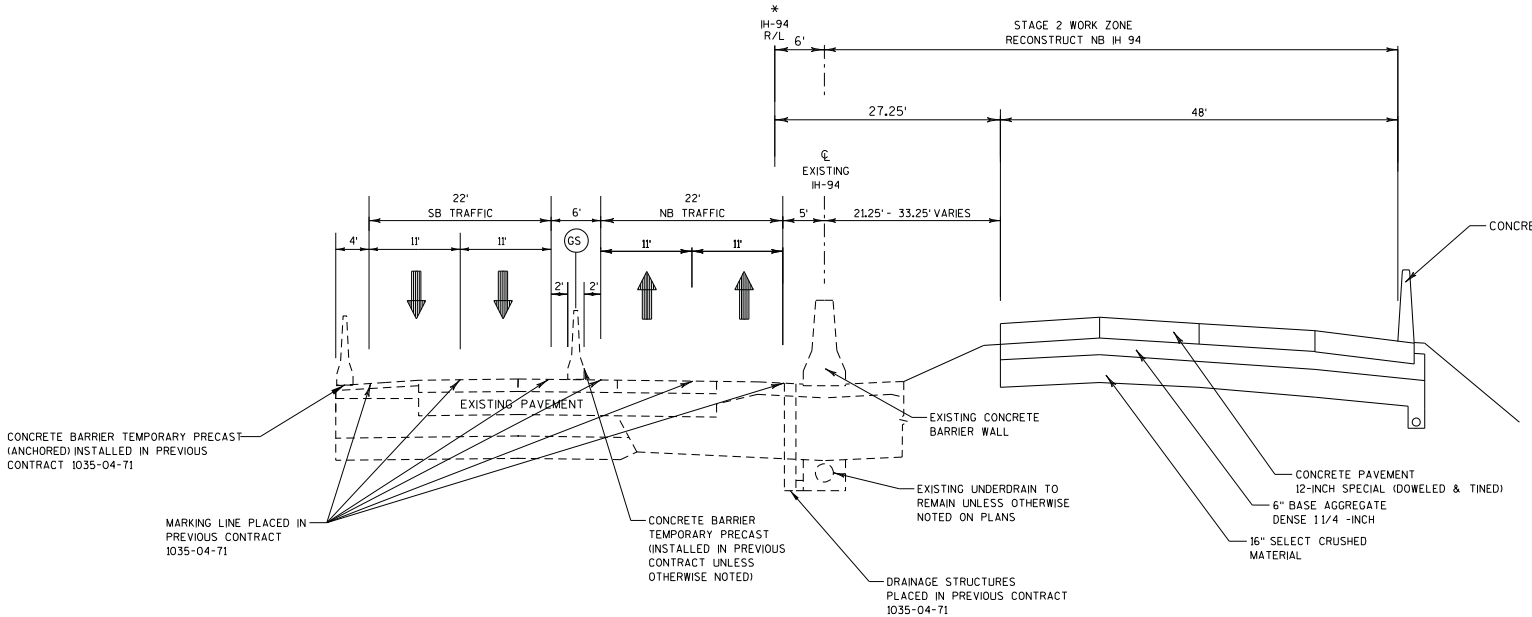
Addendum No. 01
ID 1030-25-79
Revised Sheet 103
May 16, 2018

| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CONSTRUCTION STAGING OVERVIEW - STAGE 2 | SHEET 103 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025013_tc2A.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:800

WISDOT/CADDS SHEET 42

2




## TYPICAL SECTION STAGE 2

### IH 41/94

STA 1093+00 TO STA 1137+00

Addendum No. 01
ID 1030-25-79
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* FROM STA 930+00 TO 968+00
EXISTING C/L VARIES FROM 6'LT TO 6'RT OF PROPOSED R/L

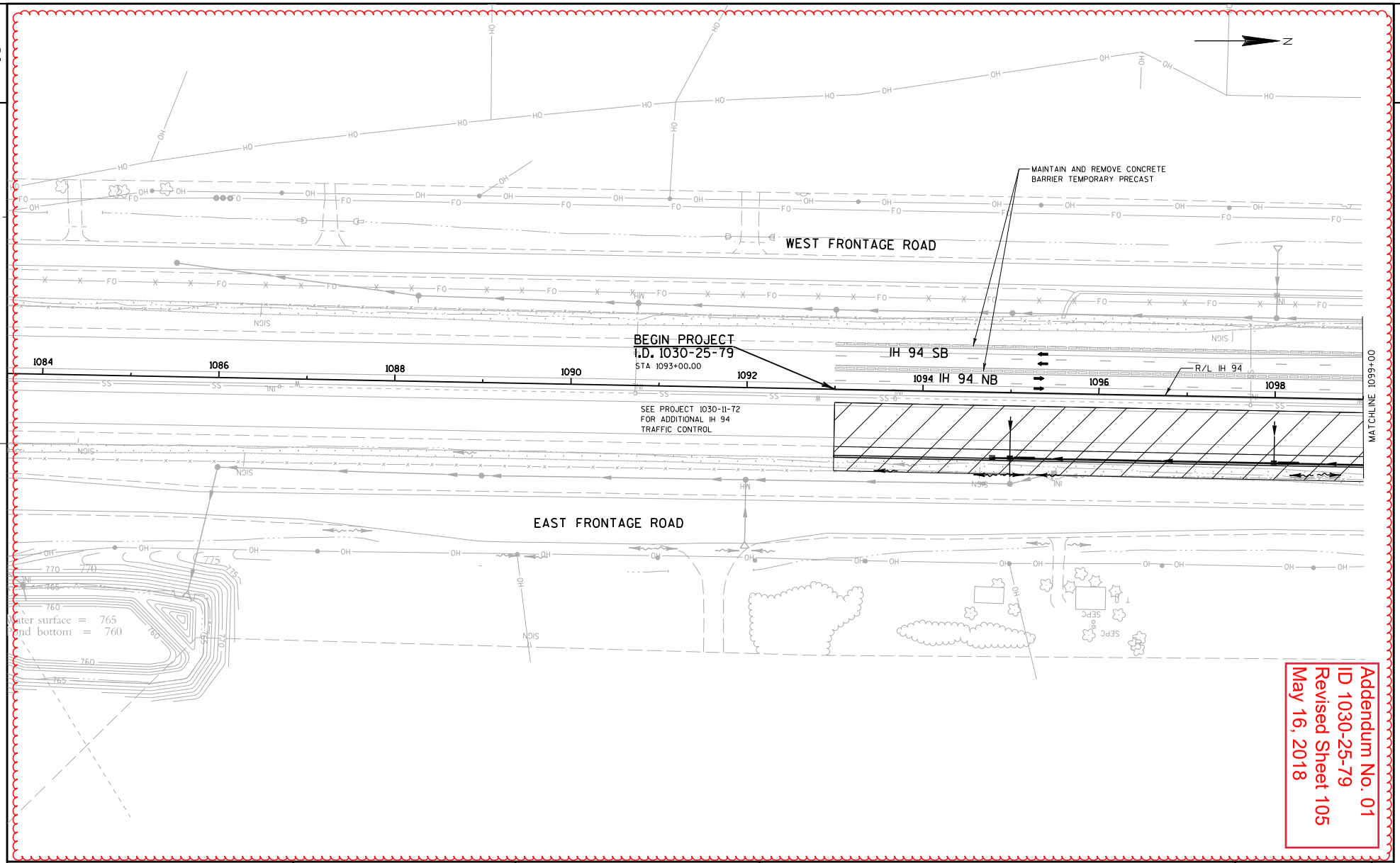
** MOVE MILE MARKER SIGNS FROM MEDIAN BARRIER TO TEMPORARY BARRIER OR OTHER LOCATIONS SHOWN ON STAGING DETAILS (EVEN 2/10 MILE ONLY).

NOTE: SEE FINISHED TYPICAL SECTIONS FOR LOCATIONS AND STAGES TO INSTALL CONCRETE SHOULDER RUMBLE STRIPS.

**LEGEND**

- (225) TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
- (226) TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
- (227) TEMPORARY MARKING LINE PAINT 4-INCH (DASHED WHITE) (12.5-FT LINE, 37.5-FT SKIP)
- (228) TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
- (229) TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)
- (230) TEMPORARY MARKING LINE EPOXY 4-INCH (DASHED WHITE) (12.5-FT LINE, 37.5-FT SKIP)
- (GS) TEMPORARY GLARE SCREEN

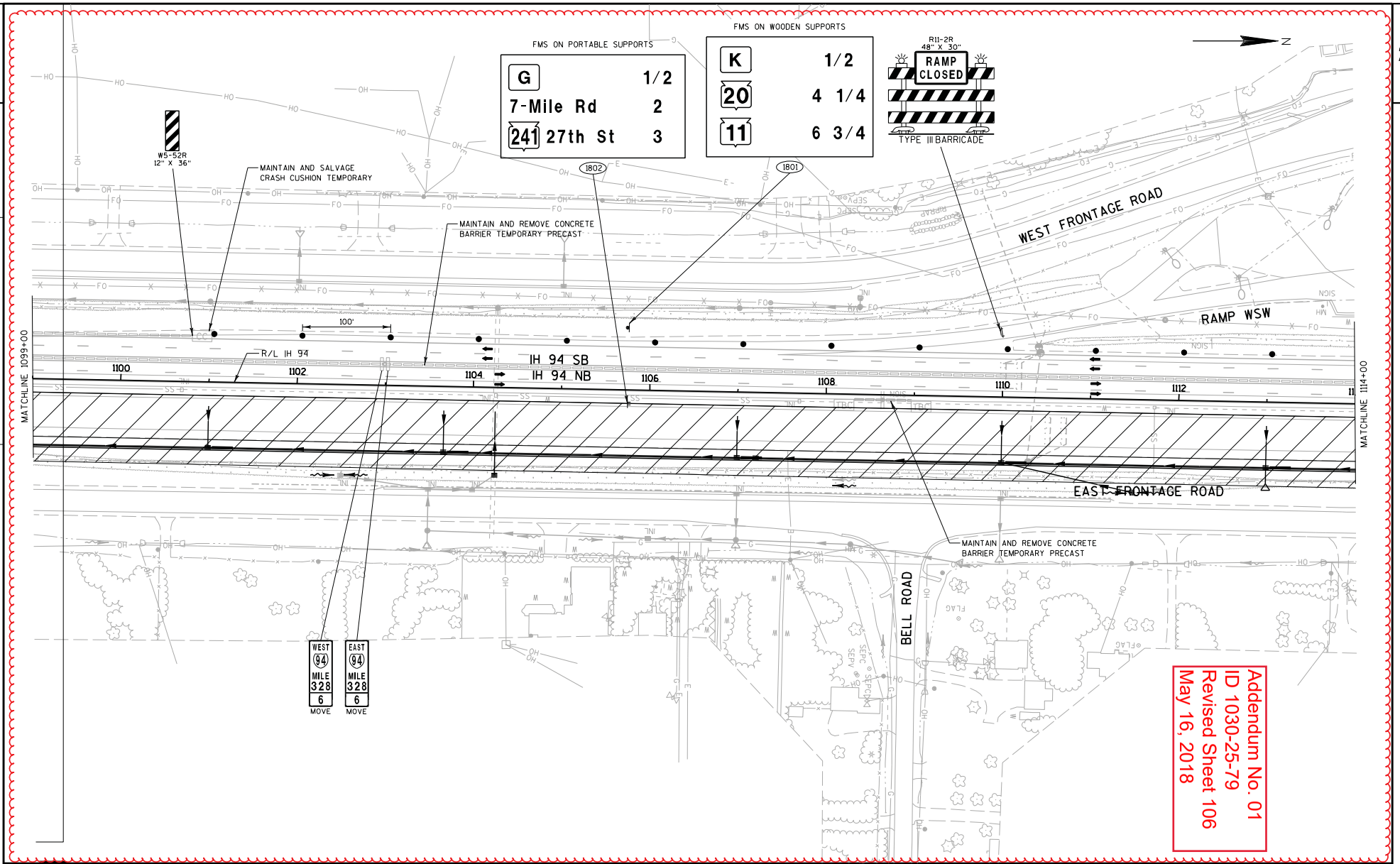
| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL: TYPICAL SECTIONS - STAGE 2 | SHEET 104 | E |
|---|---|---|---|---|---|




Addendum No. 01
ID 1030-25-79
Revised Sheet 105
May 16, 2018

| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL STAGE 2 | SHEET 105 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025015_tc2.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100

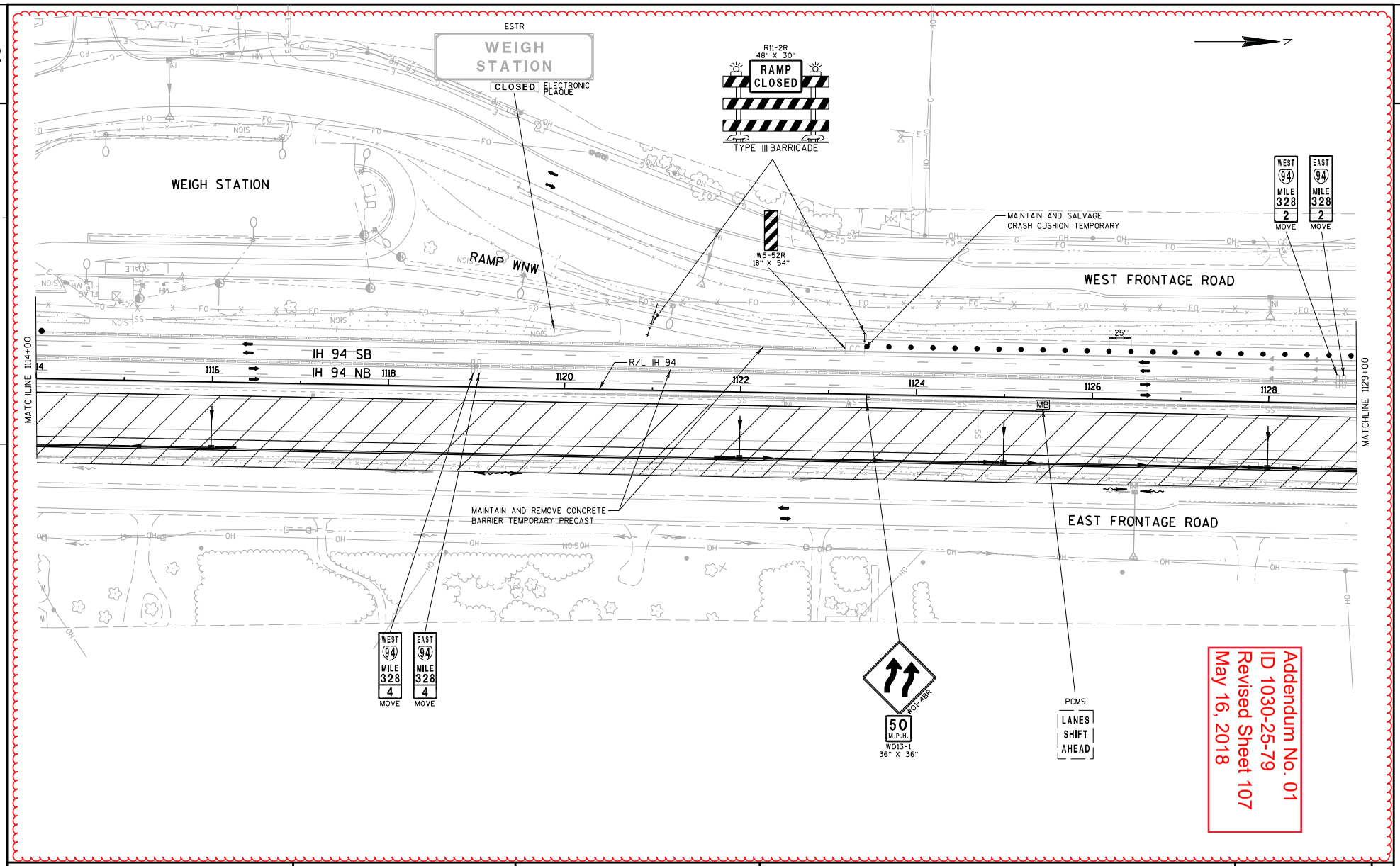



Addendum No. 01
ID 1030-25-79
Revised Sheet 106
May 16, 2018

| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL STAGE 2 | SHEET 106 | E |
|---|---|---|---|---|---|

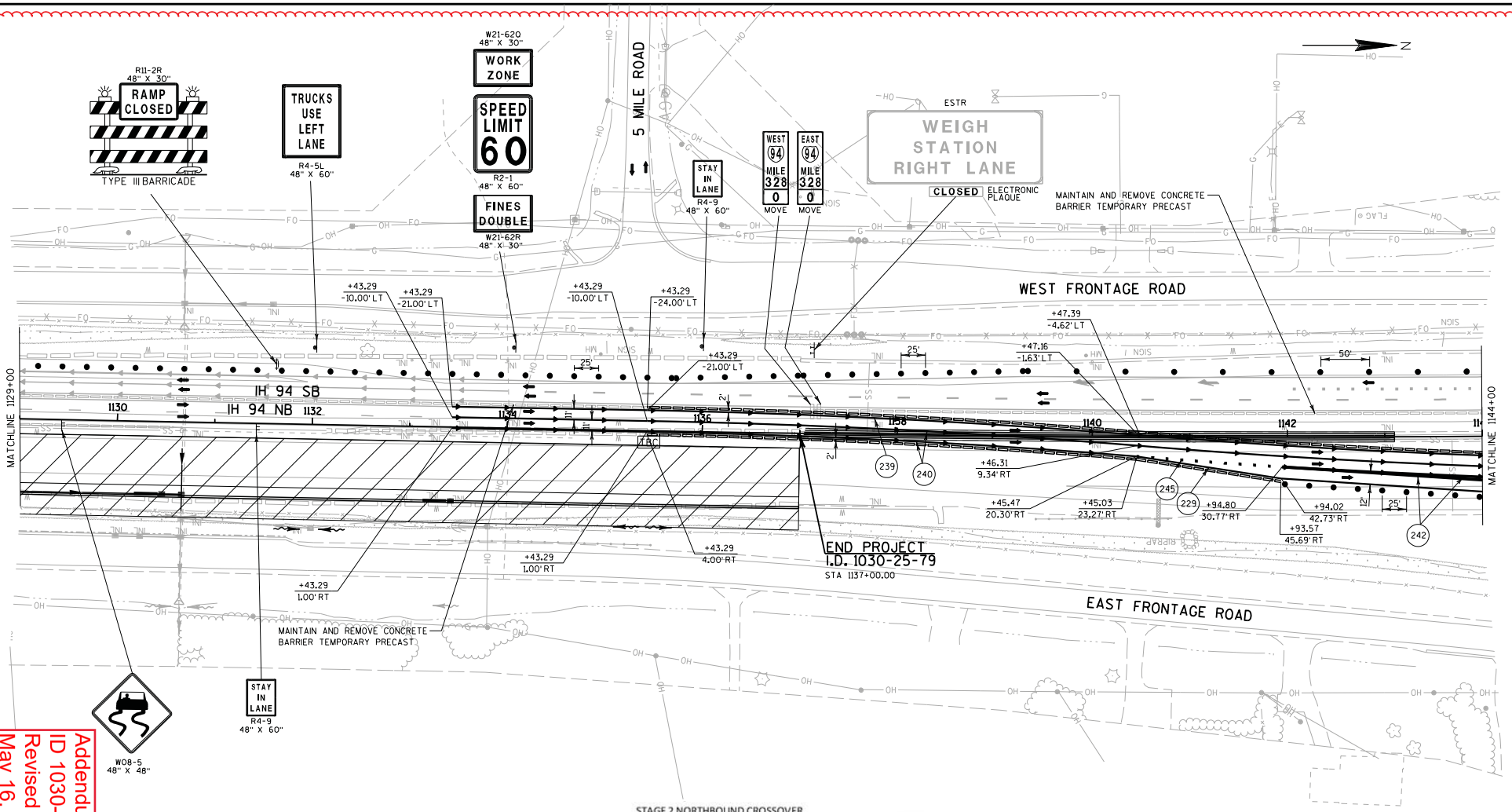
FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025016_tc2.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100

WISDOT/CADDS SHEET 42




| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL STAGE 2 | SHEET 107 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025017_tc2.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100




STAGE 2 NORTHBOUND CROSSOVER

| CURVE NO. | PI | | PI COODINATES | | CURVE DATA | | | | | | PC | | PC COORDINATES | | PRC | | PRC COORDINATES | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | STATION | OFFSET | X | Y | Δ | D | T | L | E | R | STATION | OFFSET | X | Y | STATION | OFFSET | X | Y |
| 1 | 1137+95.45 | 16.17' LT | 594193.27 | 213062.14 | 3^34'26.78" | 0^42'32.15" | 252.16 | 504.15 | 3.93 | 8082 | 1135+43.29 | 21.00' LT | 594188.46 | 212810.02 | 1140+47.44 | 1.63' LT | 594213.78 | 213313.46 |

| CURVE NO. | PI | | PI COODINATES | | CURVE DATA | | | | | | PRC | | PRC COORDINATES | | PT | | PT COORDINATES | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | STATION | OFFSET | X | Y | Δ | D | T | L | E | R | STATION | OFFSET | X | Y | STATION | OFFSET | X | Y |
| 2 | 1143+99.79 | 19.56' RT | 594242.44 | 213664.64 | 5^00'22.39" | 0^42'39.11" | 352.35 | 704.24 | 7.7 | 8060 | 1140+47.44 | 1.63' LT | 594213.78 | 213313.46 | 1147+51.68 | 27.25' RT | 594240.35 | 214016.98 |

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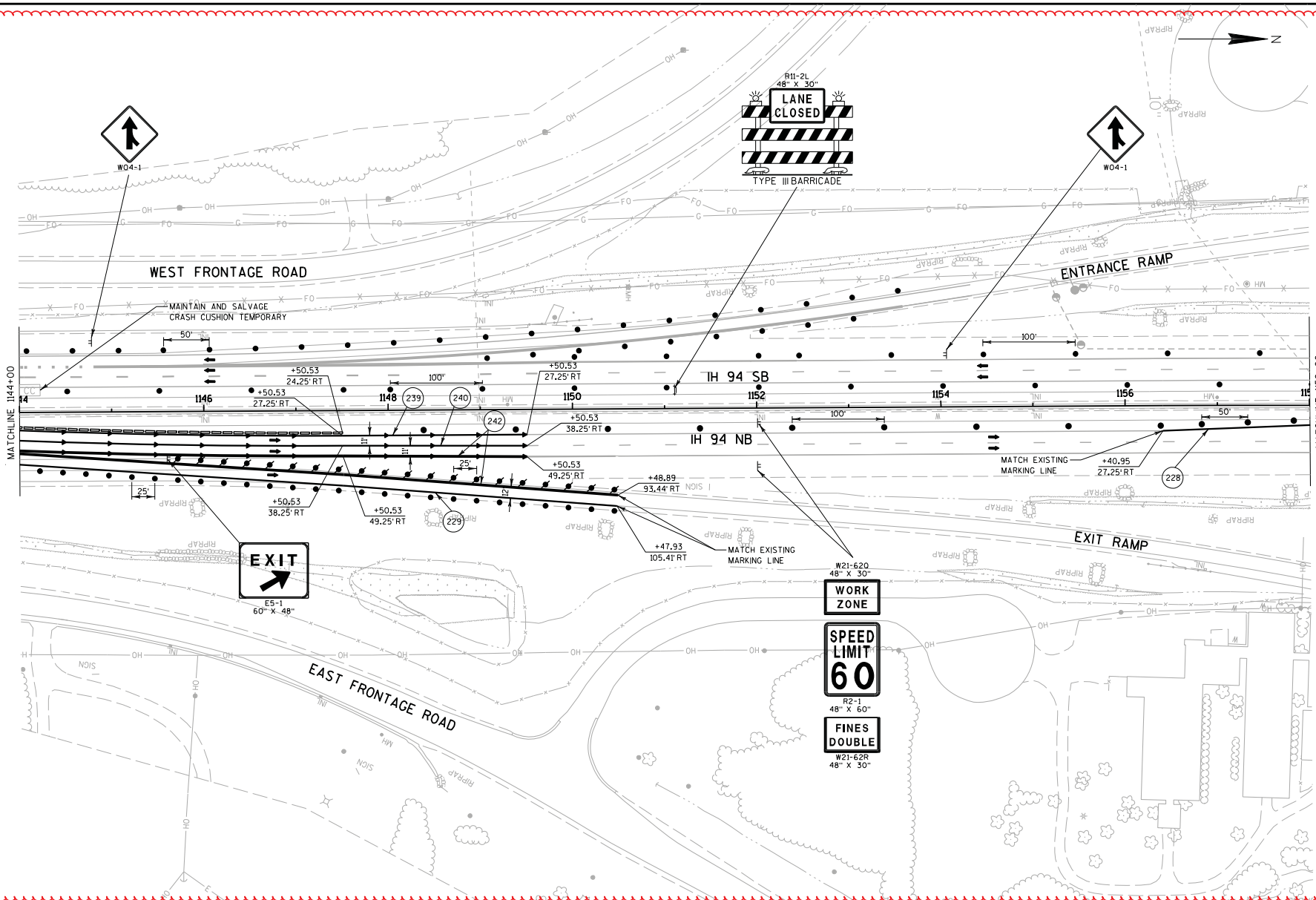
ID 1030-25-79
Revised Sheet 108
May 16, 2018

| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL STAGE 2 | SHEET 108 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025018_tc2.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100

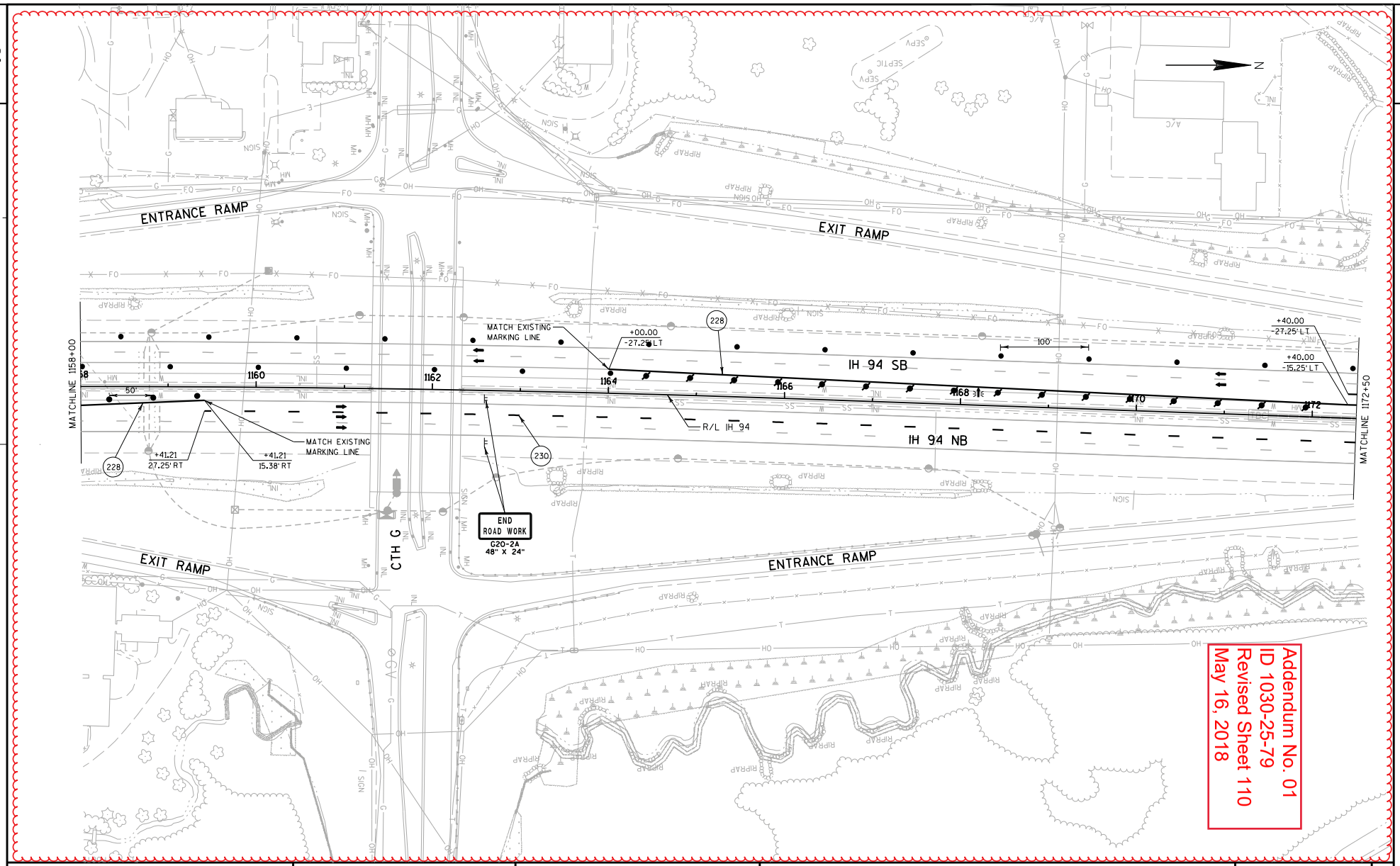



Addendum No. 01
ID 1030-25-79
Revised Sheet 109
May 16, 2018

| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL STAGE 2 | SHEET 109 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025019_tc2.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100

WISDOT/CADDS SHEET 42

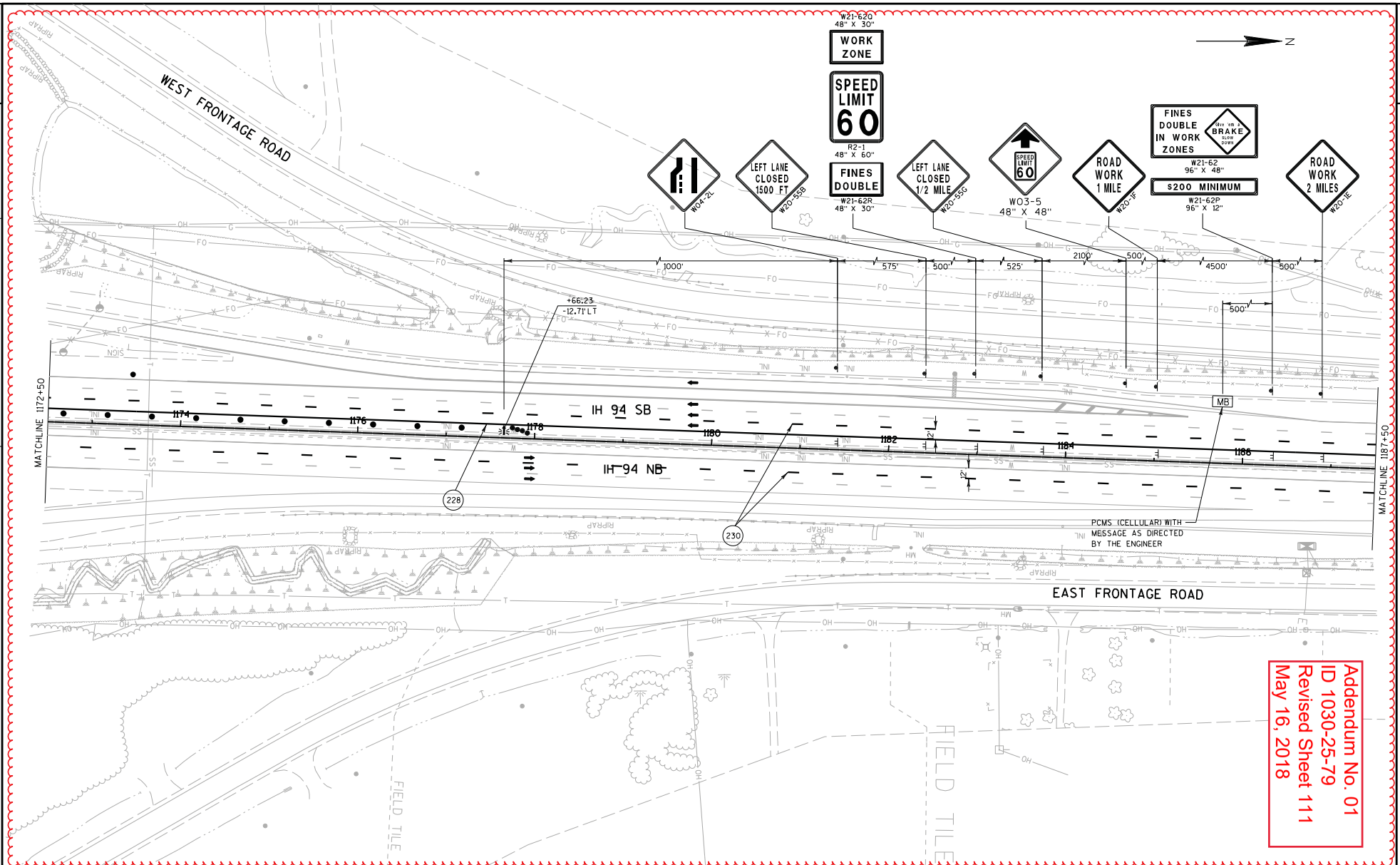



Addendum No. 01
ID 1030-25-79
Revised Sheet 110
May 16, 2018

| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL STAGE 2 | SHEET 110 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025020_tc2.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100

WISDOT/CADDS SHEET 42




Addendum No. 01
ID 1030-25-79
Revised Sheet 111
May 16, 2018

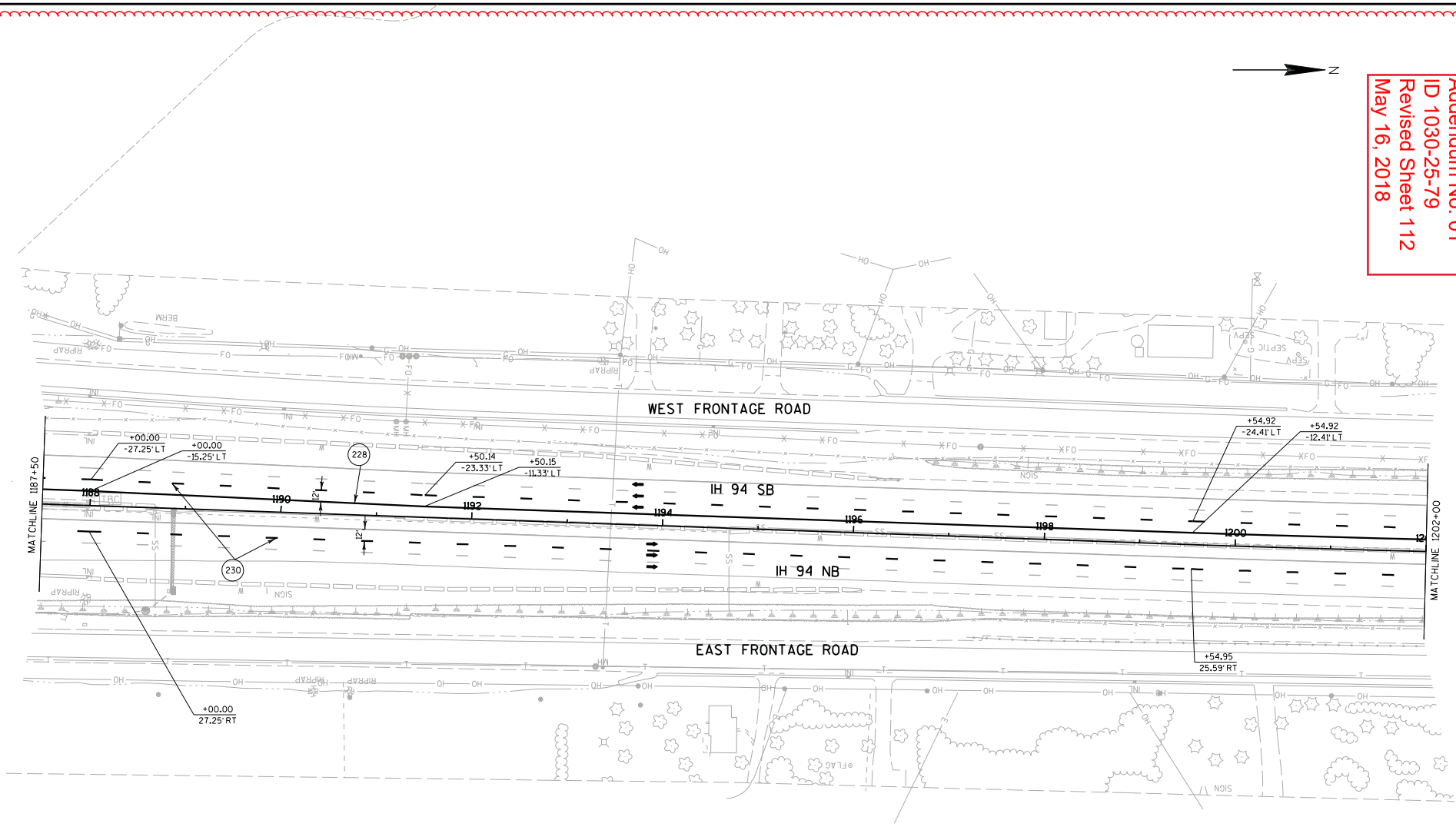
| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL STAGE 2 | SHEET 111 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025021_tc2.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100

2

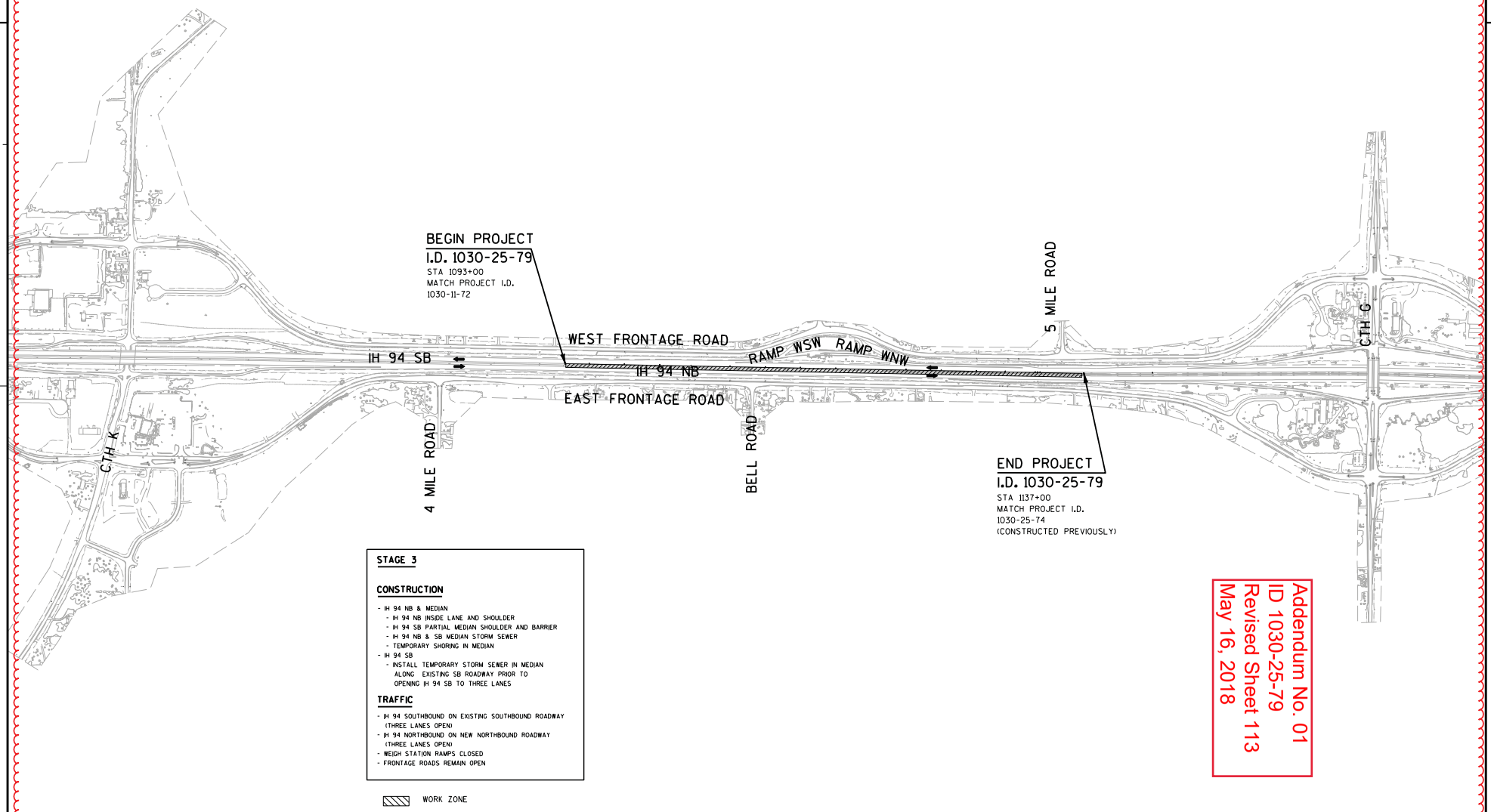
2

Addendum No. 01
ID 1030-25-79
Revised Sheet 112
May 16, 2018




| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL STAGE 2 | SHEET 112 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025022_tc2.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100




**STAGE 3**

**CONSTRUCTION**

- IH 94 NB & MEDIAN
  - IH 94 NB INSIDE LANE AND SHOULDER
  - IH 94 SB PARTIAL MEDIAN SHOULDER AND BARRIER
  - IH 94 NB & SB MEDIAN STORM SEWER
  - TEMPORARY SHORING IN MEDIAN
- IH 94 SB
  - INSTALL TEMPORARY STORM SEWER IN MEDIAN ALONG EXISTING SB ROADWAY PRIOR TO OPENING IH 94 SB TO THREE LANES

**TRAFFIC**

- IH 94 SOUTHBOUND ON EXISTING SOUTHBOUND ROADWAY (THREE LANES OPEN)
- IH 94 NORTHBOUND ON NEW NORTHBOUND ROADWAY (THREE LANES OPEN)
- WEIGH STATION RAMPS CLOSED
- FRONTAGE ROADS REMAIN OPEN

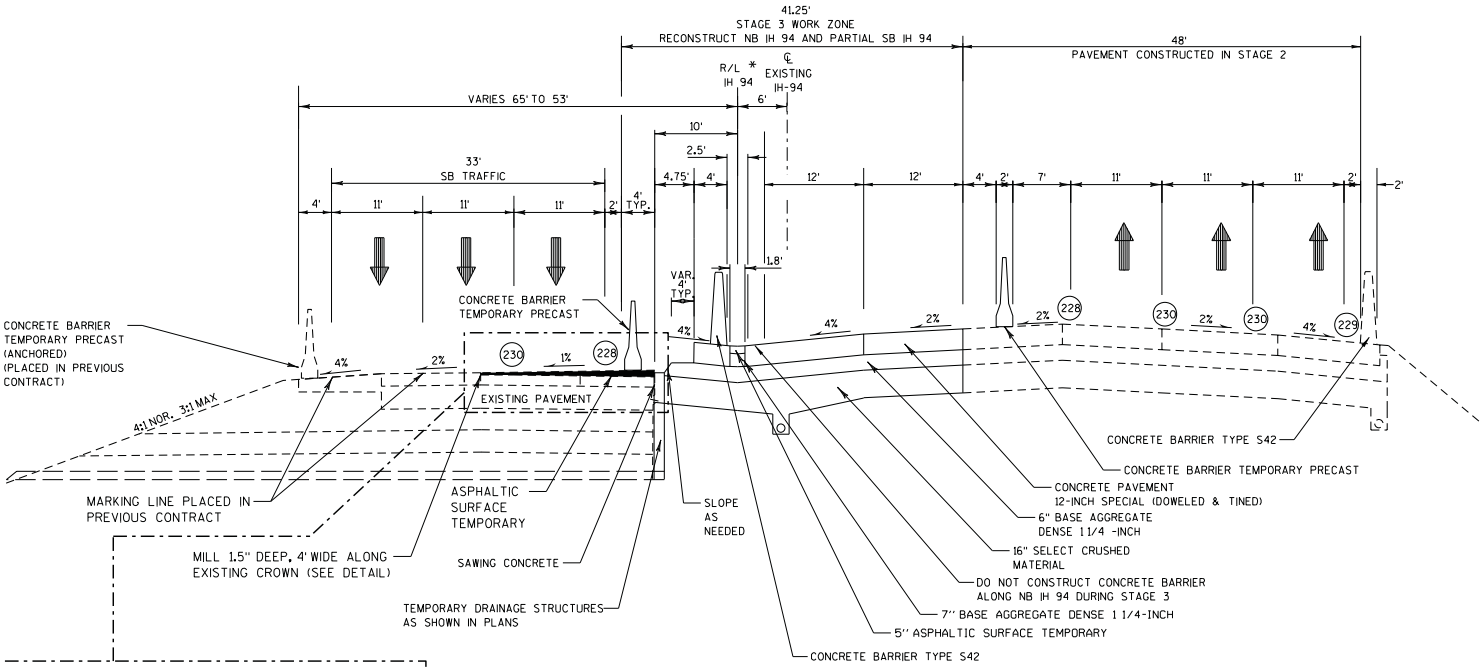
WORK ZONE

Addendum No. 01
ID 1030-25-79
Revised Sheet 113
May 16, 2018

| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CONSTRUCTION STAGING OVERVIEW - STAGE 3 | SHEET 113 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025028_tc3.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:800

WISDOT/CADDS SHEET 42



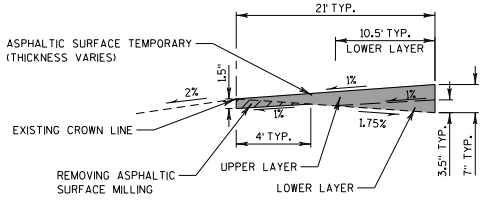

## TYPICAL SECTION STAGE 3

IH 41/94

STA 1093+00 TO STA 1137+00

### ASPHALTIC SURFACE WEDGE DETAILS

(NOT TO SCALE)



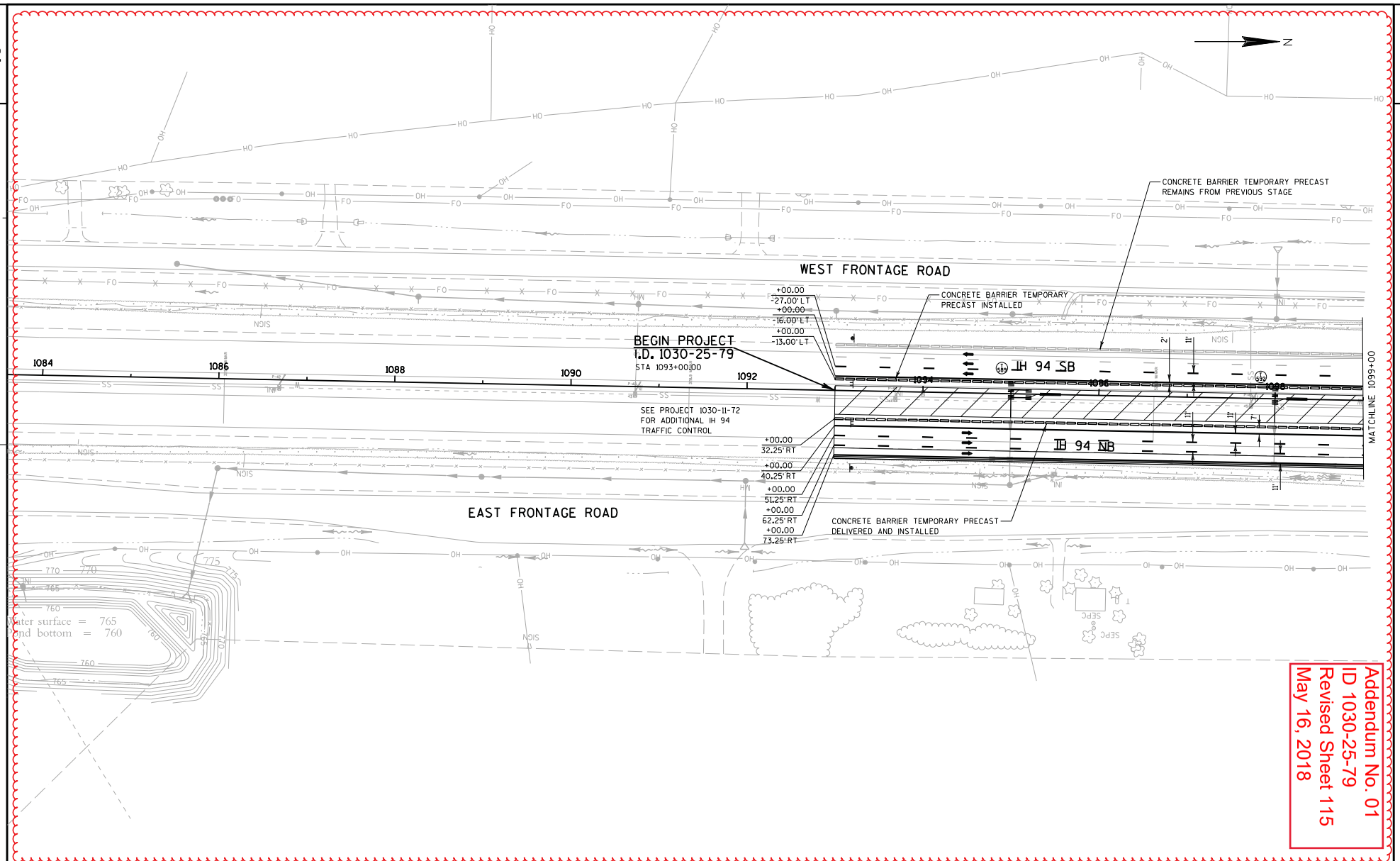

**LEGEND**

- (225) TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
- (226) TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
- (227) TEMPORARY MARKING LINE PAINT 4-INCH (DASHED WHITE) (12.5-FT LINE, 37.5-FT SKIP)
- (228) TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
- (229) TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)
- (230) TEMPORARY MARKING LINE EPOXY 4-INCH (DASHED WHITE) (12.5-FT LINE, 37.5-FT SKIP)
- (GS) TEMPORARY GLARE SCREEN

Addendum No. 01
ID 1030-25-79
Revised Sheet 114
May 16, 2018

| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL: TYPICAL SECTIONS - STAGE 3 | SHEET 114 | E |
|---|---|---|---|---|---|

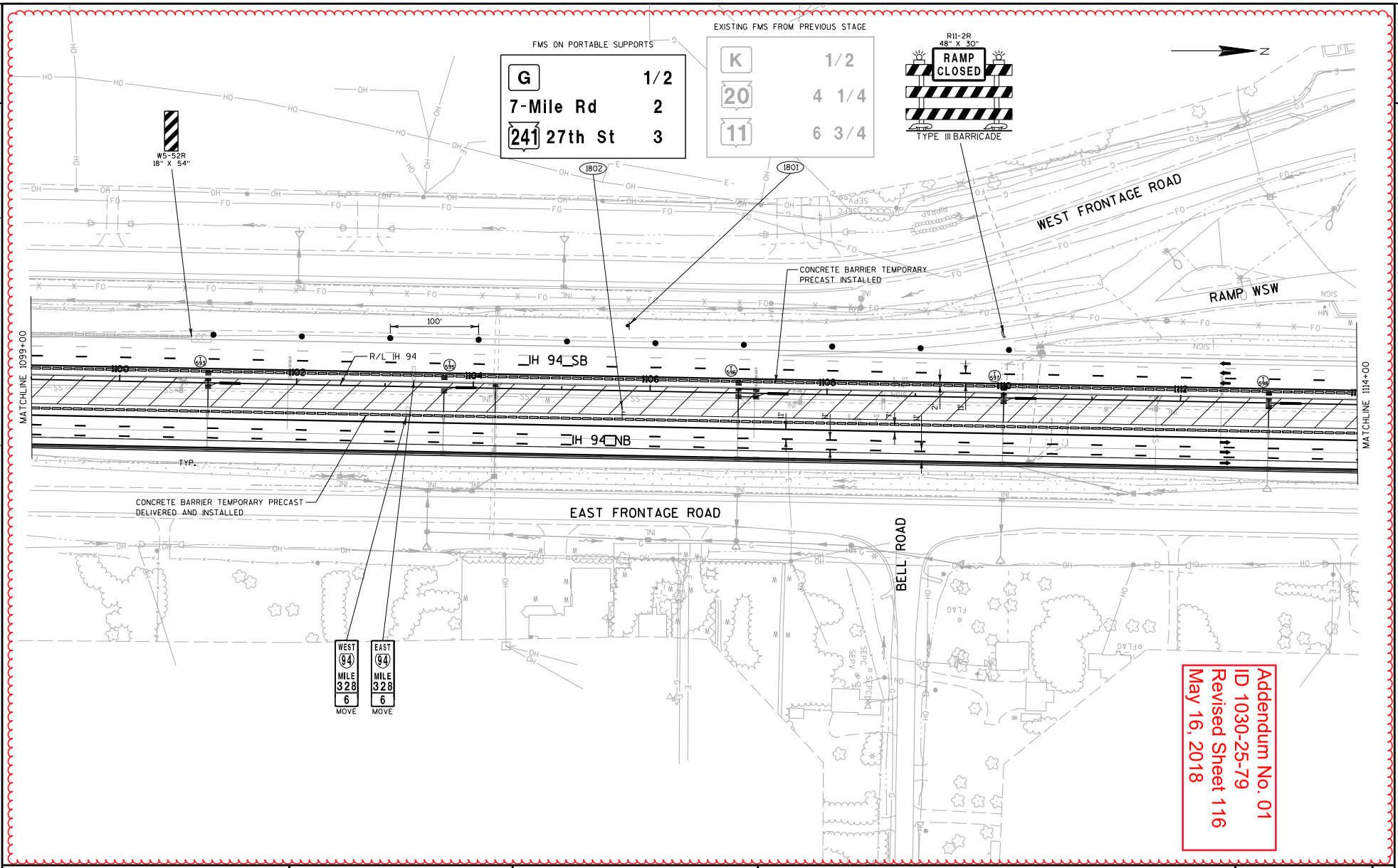
FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025029_tc3.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : $FILE$ PLOT SCALE : 1:15




Addendum No. 01
ID 1030-25-79
Revised Sheet 115
May 16, 2018

| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL - STAGE 3 | SHEET 115 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025029a_tc3.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100

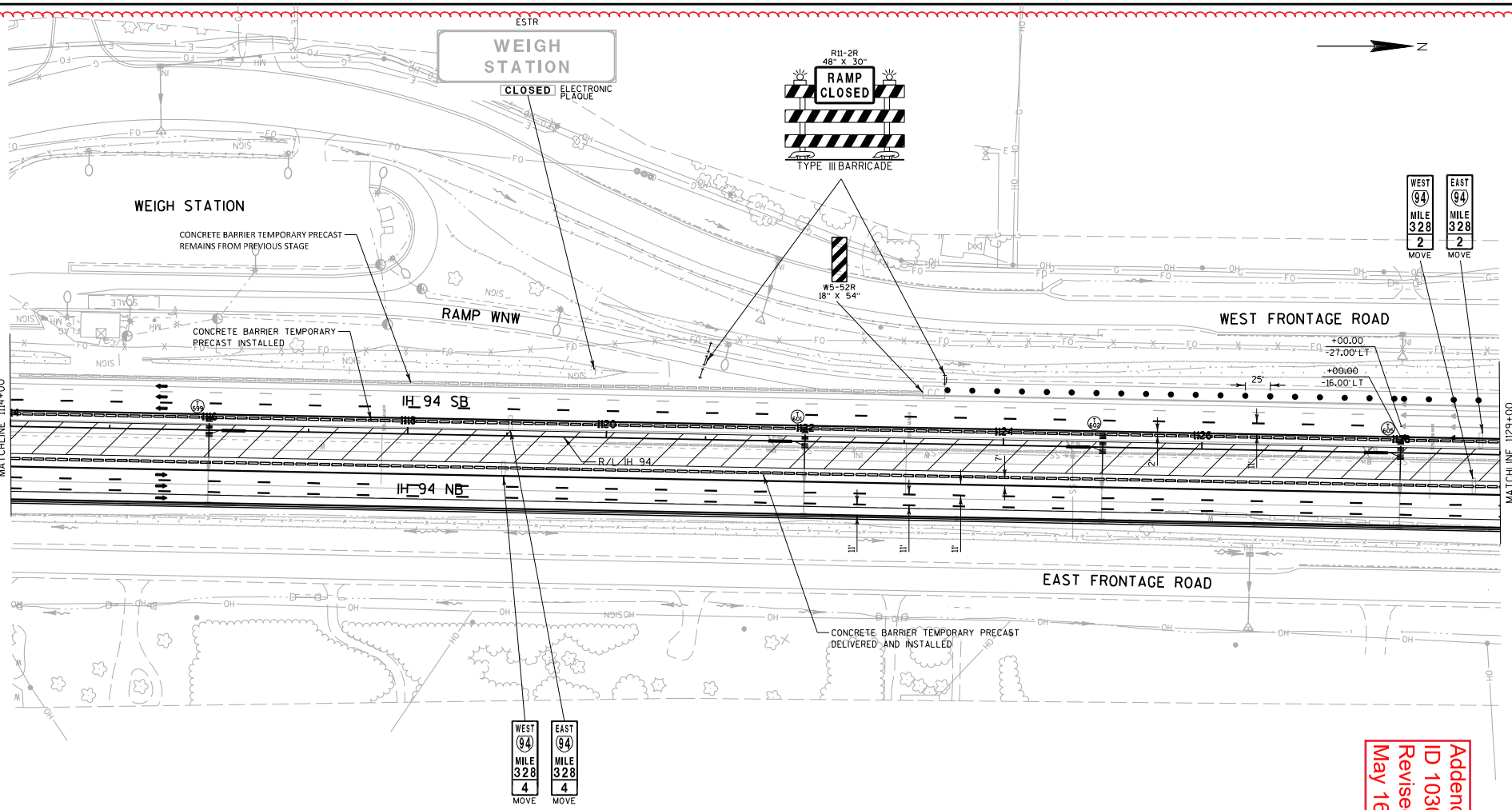



Addendum No. 01
ID 1030-25-79
Revised Sheet 116
May 16, 2018

| PROJECT NO:1030-25-79 | HWY:IH 94 | COUNTY:RACINE | TRAFFIC CONTROL - STAGE 3 | SHEET 116 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025030_tc3.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100

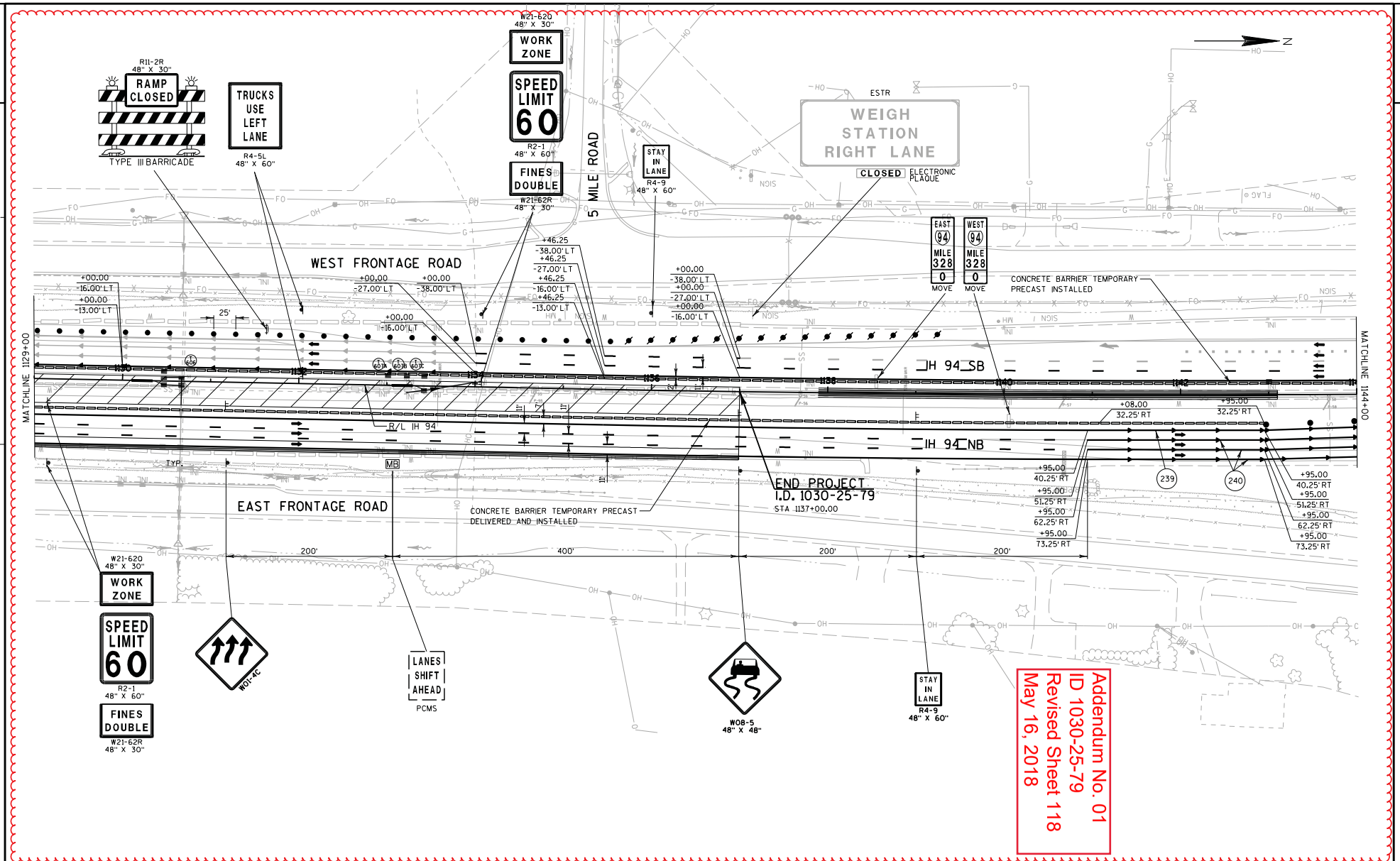
WISDOT/CADDS SHEET 42




Addendum No. 01
ID 1030-25-79
Revised Sheet 117
May 16, 2018

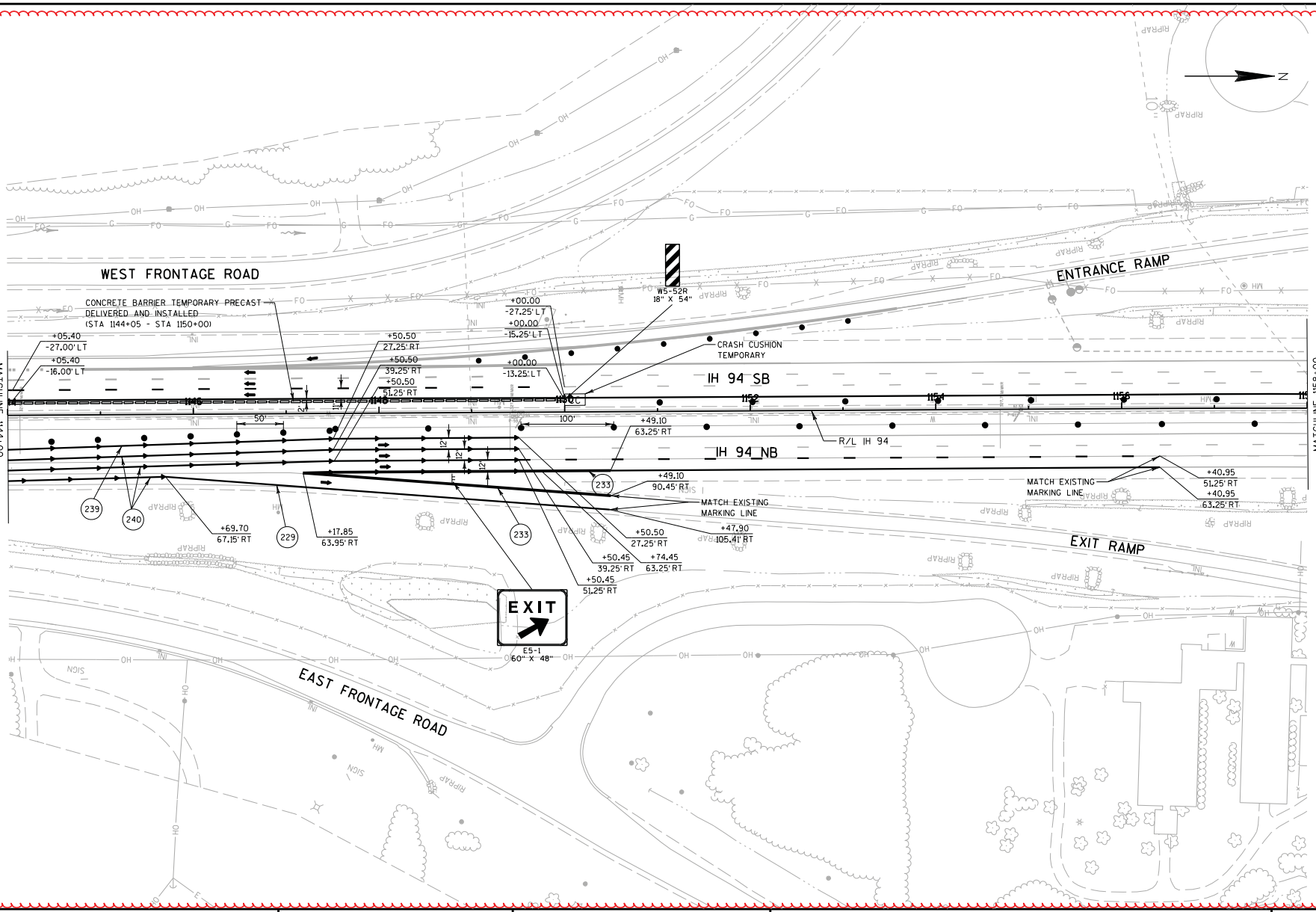
| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL - STAGE 3 | SHEET 117 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025031_tc3.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100




| PROJECT NO:1030-25-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL - STAGE 3 | SHEET 118 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025032_tc3.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100

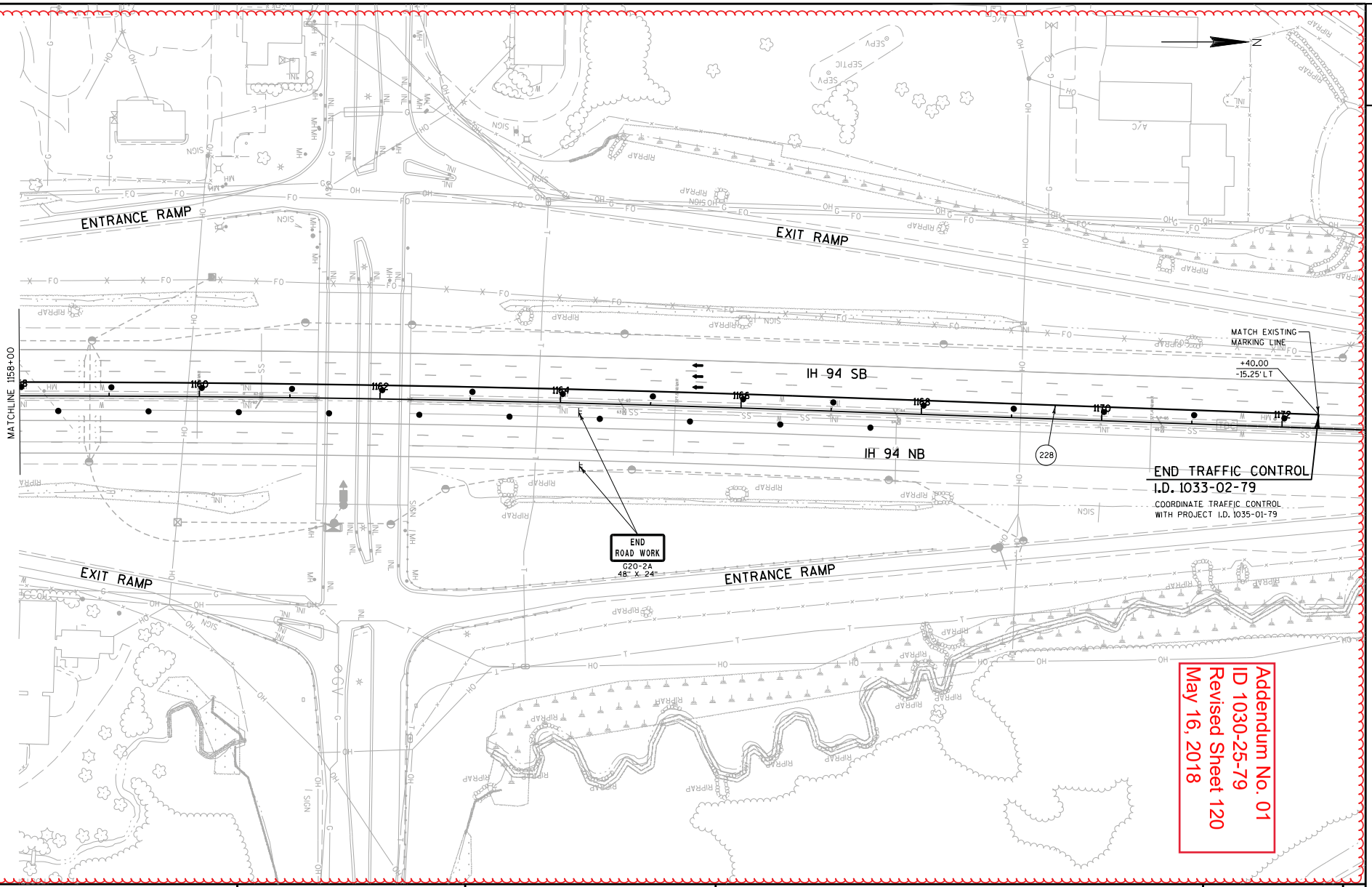



Addendum No. 01
ID 1030-25-79
Revised Sheet 119
May 16, 2018

| PROJECT NO:1030-25-79 | HWY:IH 94 | COUNTY:RACINE | TRAFFIC CONTROL - STAGE 3 | SHEET 119 | E |
|---|---|---|---|---|---|

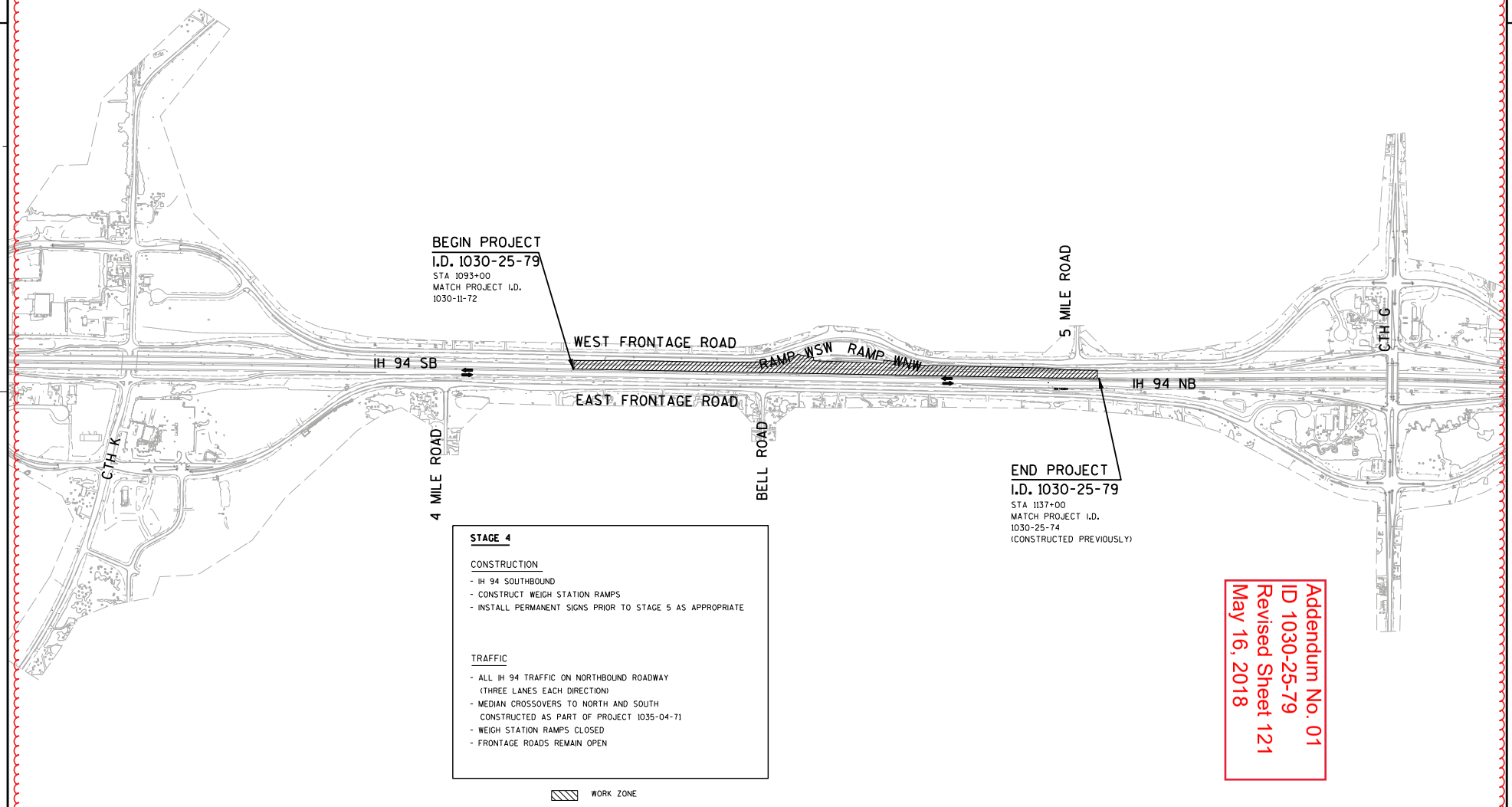
FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025033_tc3.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100

WISDOT/CADDS SHEET 42




| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL - STAGE 3 | SHEET 120 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025033a_tc3.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100




**STAGE 4**

CONSTRUCTION

- IH 94 SOUTHBOUND
- CONSTRUCT WEIGH STATION RAMPS
- INSTALL PERMANENT SIGNS PRIOR TO STAGE 5 AS APPROPRIATE

TRAFFIC

- ALL IH 94 TRAFFIC ON NORTHBOUND ROADWAY (THREE LANES EACH DIRECTION)
- MEDIAN CROSSOVERS TO NORTH AND SOUTH CONSTRUCTED AS PART OF PROJECT 1035-04-71
- WEIGH STATION RAMPS CLOSED
- FRONTAGE ROADS REMAIN OPEN

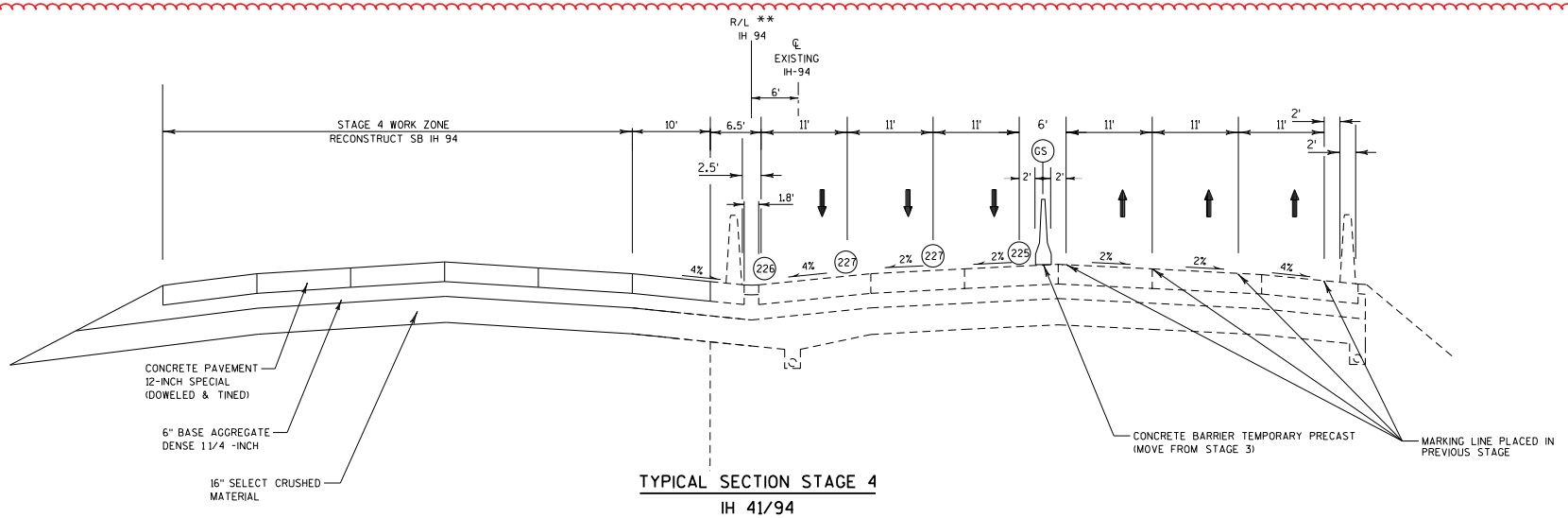
WORK ZONE

Addendum No. 01
ID 1030-25-79
Revised Sheet 121
May 16, 2018

| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CONSTRUCTION STAGING OVERVIEW - STAGE 4 | SHEET 121 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025034_tc4.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:800

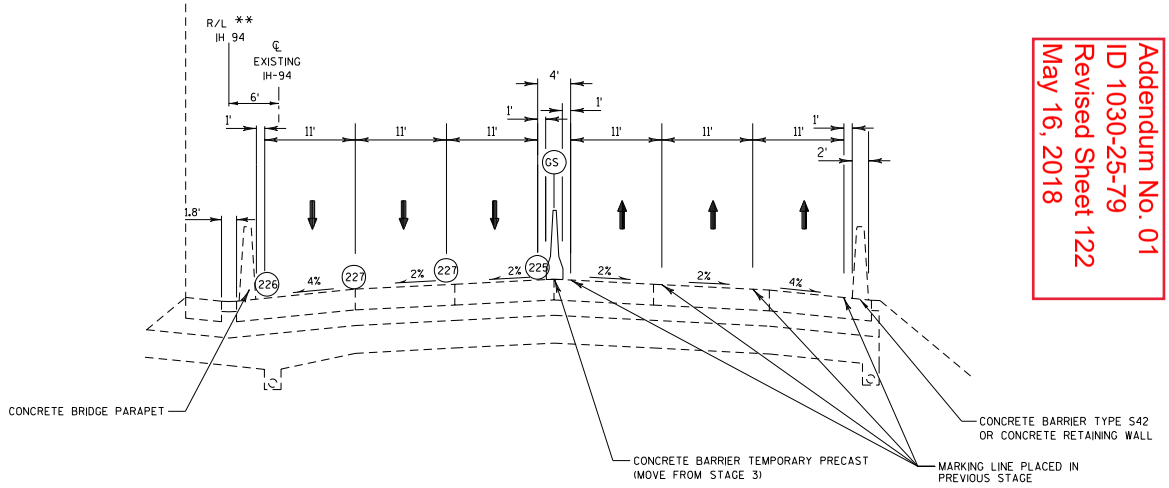
WISDOT/CADDS SHEET 42




## TYPICAL SECTION STAGE 4

### IH 41/94

STA 1093+00 TO STA 1137+00




## TYPICAL SECTION STAGE 4 AT MEDIAN BRIDGE PARAPET

### IH 41/94

SEE TRAFFIC CONTROL DETAIL SHEETS

**LEGEND**

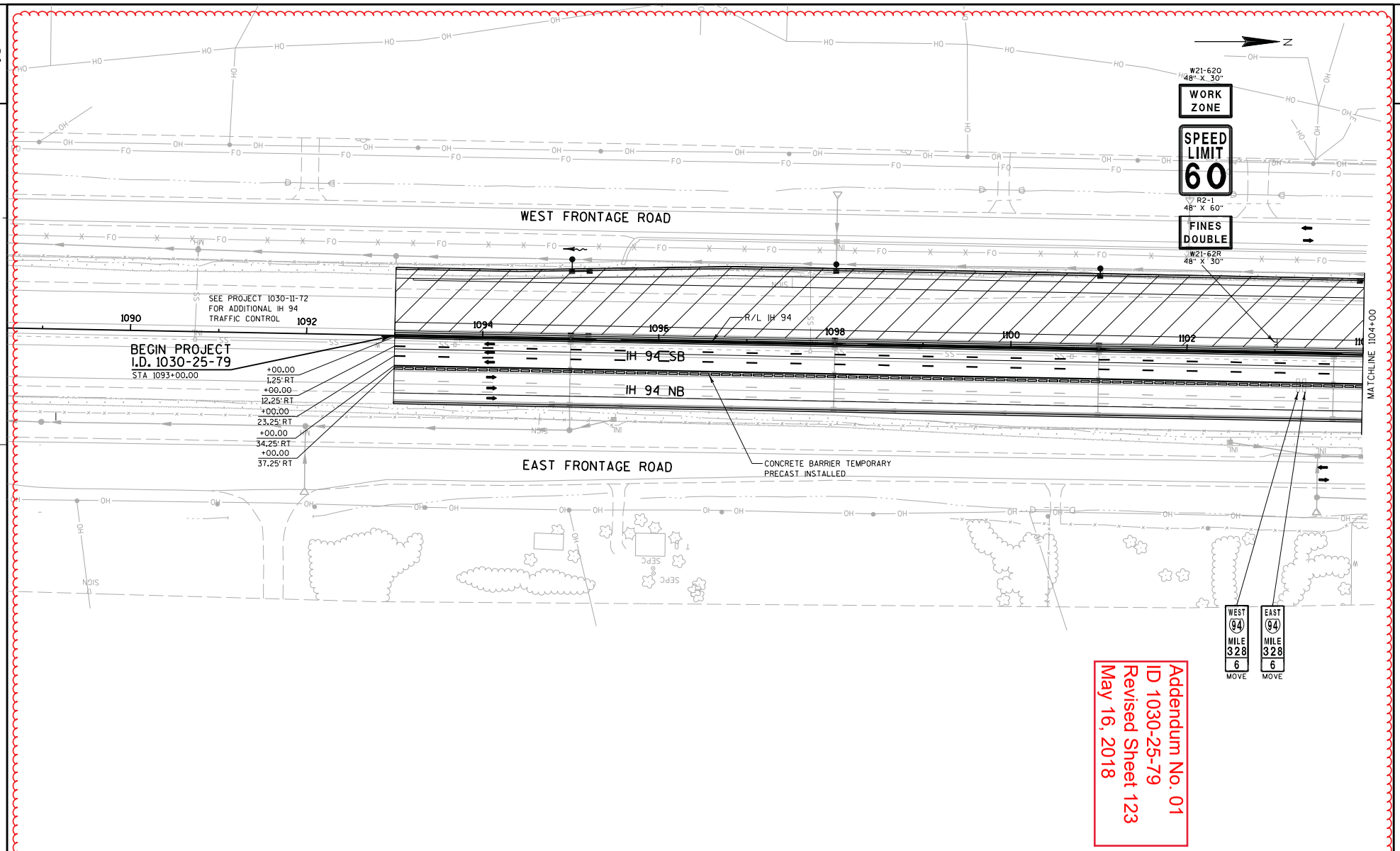
- (225) TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
- (226) TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
- (227) TEMPORARY MARKING LINE PAINT 4-INCH (DASHED WHITE) (12.5-FT LINE, 37.5-FT SKIP)
- (228) TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
- (229) TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)
- (230) TEMPORARY MARKING LINE EPOXY 4-INCH (DASHED WHITE) (12.5-FT LINE, 37.5-FT SKIP)
- (GS) TEMPORARY GLARE SCREEN

** FROM STA 930+00 TO 968+00
EXISTING C/L VARIES FROM 6'LT
TO 6'RT OF PROPOSED R/L

NOTE: SEE FINISHED TYPICAL SECTIONS FOR LOCATIONS AND STAGES TO INSTALL CONCRETE SHOULDER RUMBLE STRIPS.

Addendum No. 01
ID 1030-25-79
Revised Sheet 122
May 16, 2018

| PROJECT NO: 1035-01-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL: TYPICAL SECTIONS - STAGE 4 | SHEET 122 | E |
|---|---|---|---|---|---|

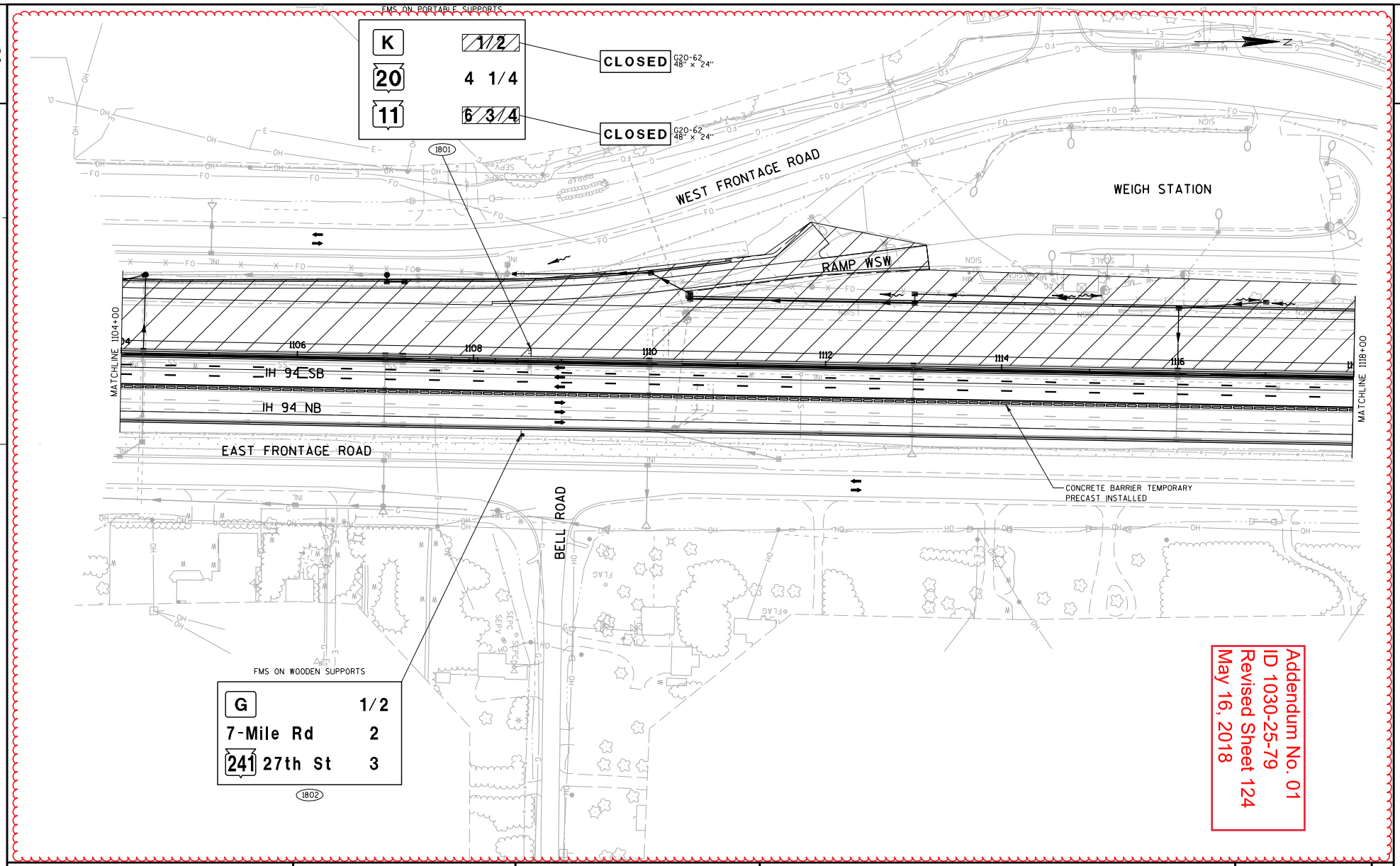



Addendum No. 01
ID 1030-25-79
Revised Sheet 123
May 16, 2018

| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL - STAGE 4 | SHEET 123 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025036_tc4.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100

WISDOT/CADDS SHEET 42

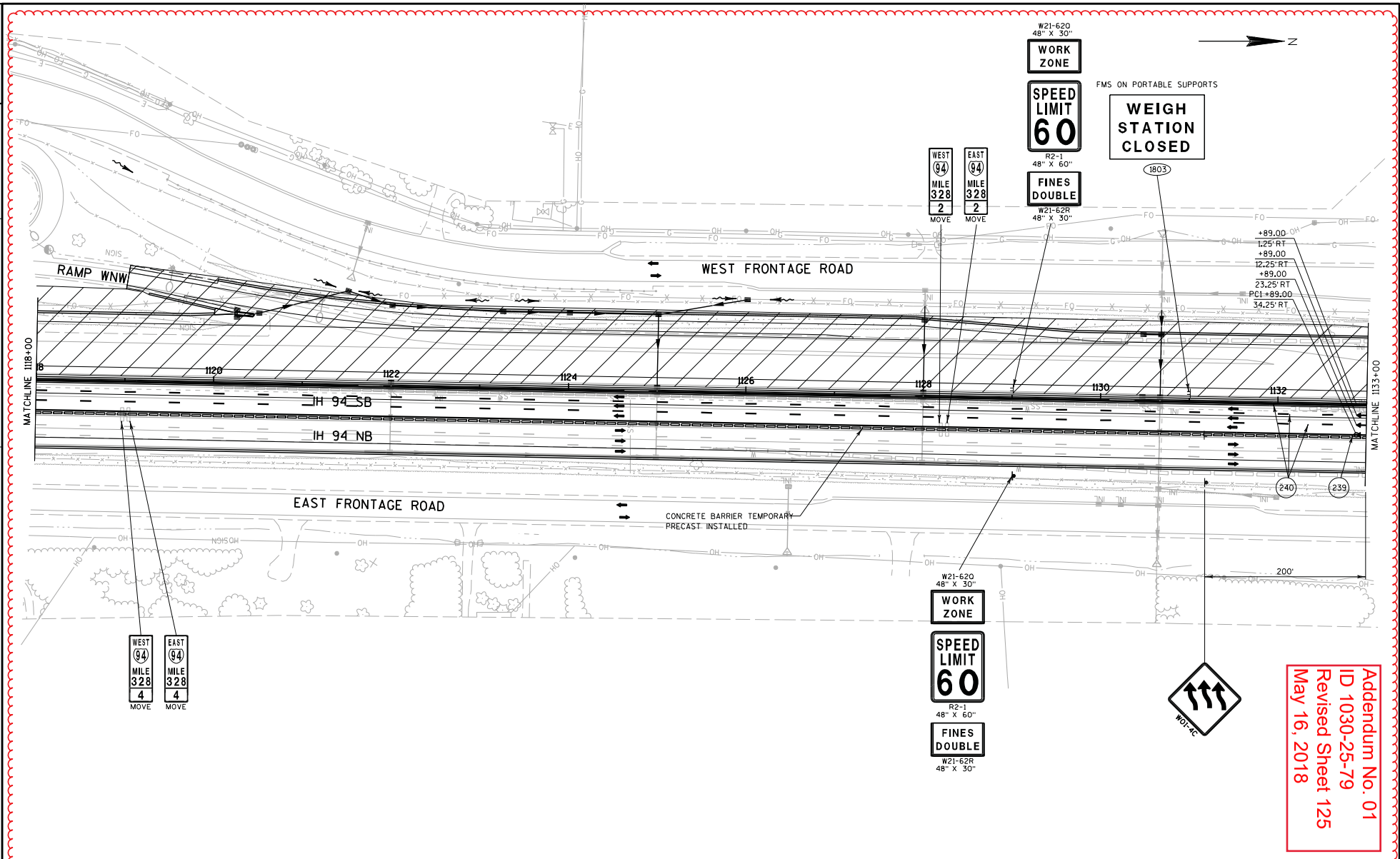



Addendum No. 01
ID 1030-25-79
Revised Sheet 124
May 16, 2018

| PROJECT NO:1030-25-79 | HWY:IH 94 | COUNTY:RACINE | TRAFFIC CONTROL - STAGE 4 | SHEET 124 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025037_tc4.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100

WISDOT/CADDS SHEET 42




Addendum No. 01
ID 1030-25-79
Revised Sheet 125
May 16, 2018

| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL - STAGE 4 | SHEET 125 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025038_tc4.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100

## STAGE 4 SOUTHBOUND CROSSOVER

| CURVE NO. | PI STATION | PI OFFSET | PI COODINATES X | PI COODINATES Y | CURVE DATA Δ | CURVE DATA D | CURVE DATA T | CURVE DATA L | CURVE DATA E | CURVE DATA R | PC STATION | PC OFFSET | PC CORDINATES X | PC CORDINATES Y | PT STATION | PT OFFSET | PT COORDINATES X | PT COORDINATES Y |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1137+79.25 | 34.00' RT | 594248.20 | 213044.91 | 4°06'29" | 0°42'29" | 250.25 | 580.25 | 5.2 | 8093 | 1134+89.00 | 34.25' RT | 594242.67 | 212754.72 | 1140+69.25 | 17.43' RT | 594232.93 | 513334.76 |

| CURVE NO. | PI STATION | PI OFFSET | PI COODINATES X | PI COODINATES Y | CURVE DATA Δ | CURVE DATA D | CURVE DATA T | CURVE DATA L | CURVE DATA E | CURVE DATA R | PC STATION | PC OFFSET | PC CORDINATES X | PC CORDINATES Y | PT STATION | PT OFFSET | PT COORDINATES X | PT COORDINATES Y |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 1149+90.87 | 27.25' LT | 594184.44 | 214255.10 | 2°40'33" | 0°42'39" | 188.24 | 376.42 | 2.2 | 8060 | 1148+02.62 | 18.46' LT | 594194.34 | 214067.12 | 1151+79.04 | 27.25' LT | 594183.32 | 214443.34 |

N

5 MILE ROAD

R11-2 48" X 30" ROAD CLOSED
TYPE III BARRICADE

WEST FRONTAGE ROAD

END PROJECT I.D. 1030-25-79
STA 1137+00.00

360' RAMP TAPER

600' RAMP

R11-2L 48" X 30" LANE CLOSED
TYPE III BARRICADE

CRASH CUSHION TEMPORARY

MATCHLINE 1133+00

MATCHLINE 1147+75

IH 94 SB

IH 94 NB

+67.29 -4.54' LT
+67.91 6.45' RT
PT1 +68.53 17.43' RT
+37.30 -9.00' LT
+96.55 -39.75' LT
+96.90 -41.96' LT
+68.75 20.40' RT
+89.00 12.25' RT
+89.00 23.25' RT
+89.00 34.25' RT
+46.25 37.25' RT
+95.00 37.25' RT
+79.45 4.25' RT

CONCRETE BARRIER TEMPORARY PRECAST DELIVERED AND INSTALLED

CONCRETE BARRIER TEMPORARY PRECAST INSTALLED

WEST 94 MILE 328 0 MOVE

EAST 94 MILE 328 0 MOVE

400' 200' 200'

EAST FRONTAGE ROAD

LANES SHIFT AHEAD PCMS

W08-5 48" X 48"

STAY IN LANE R4-9 48" X 60"

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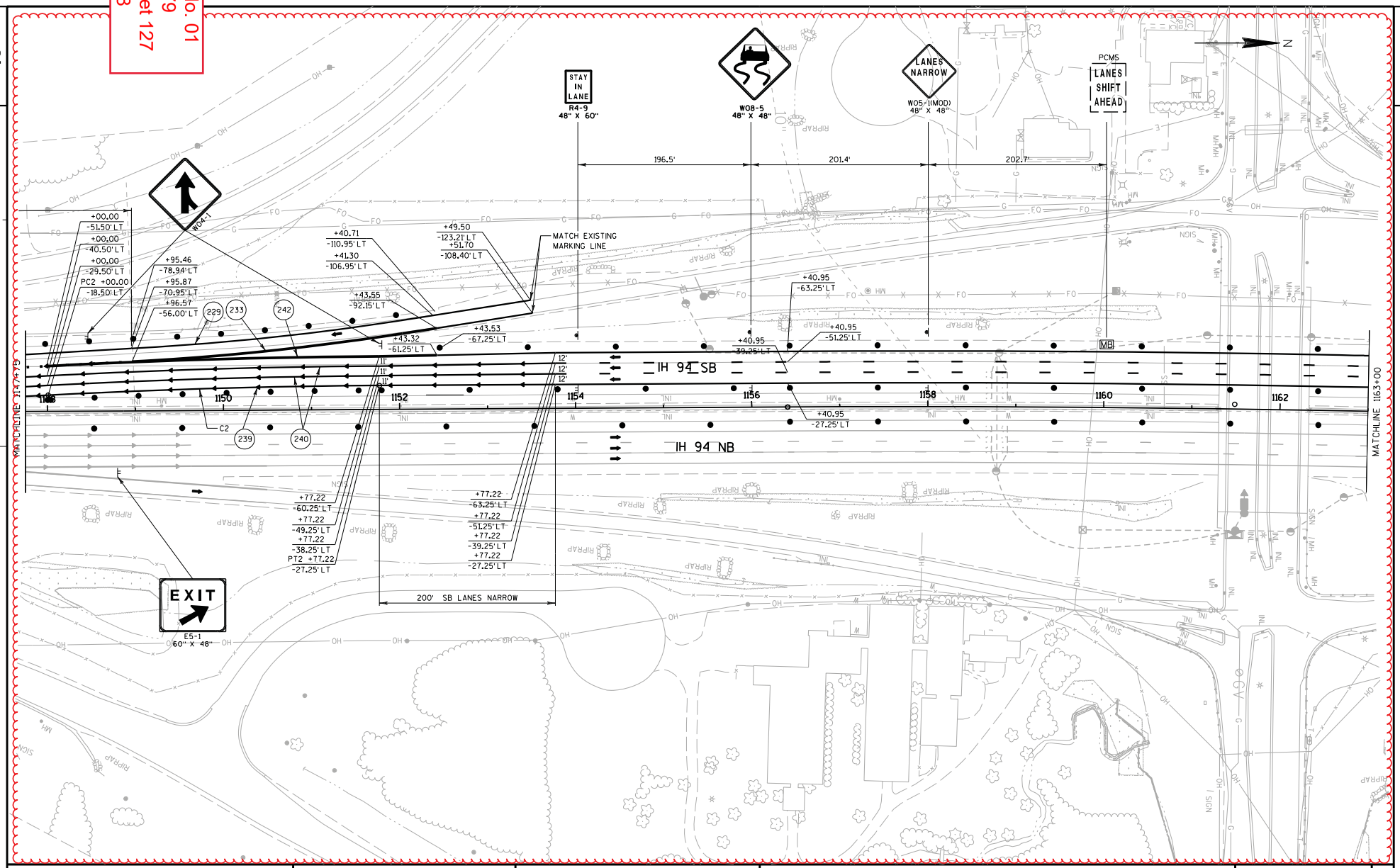
| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL - STAGE 4 | SHEET 126 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025039_tc4.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100

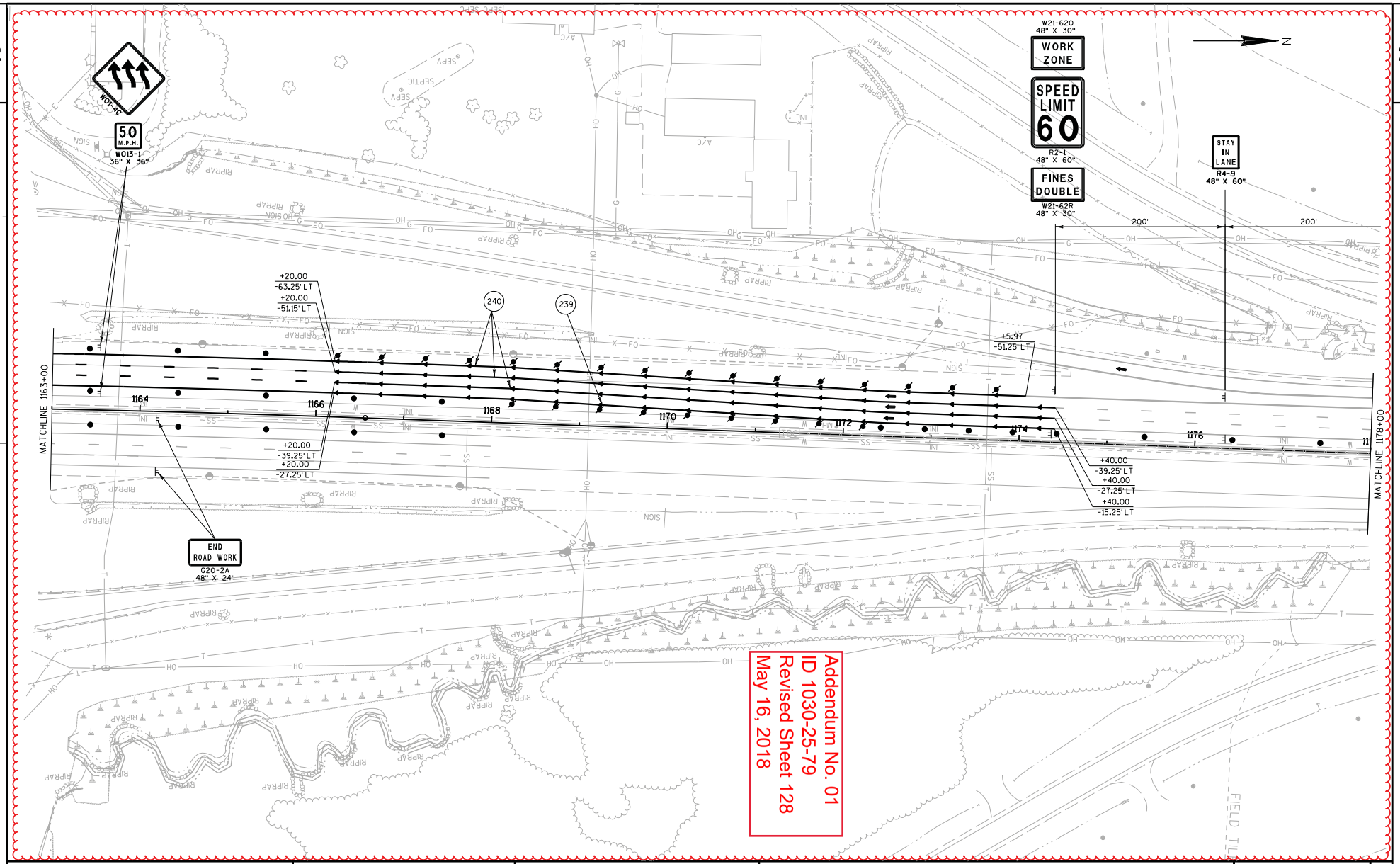
Addendum No. 01
ID 1030-25-79
Revised Sheet 127
May 16, 2018




| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL - STAGE 4 | SHEET 127 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025040_tc4.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100

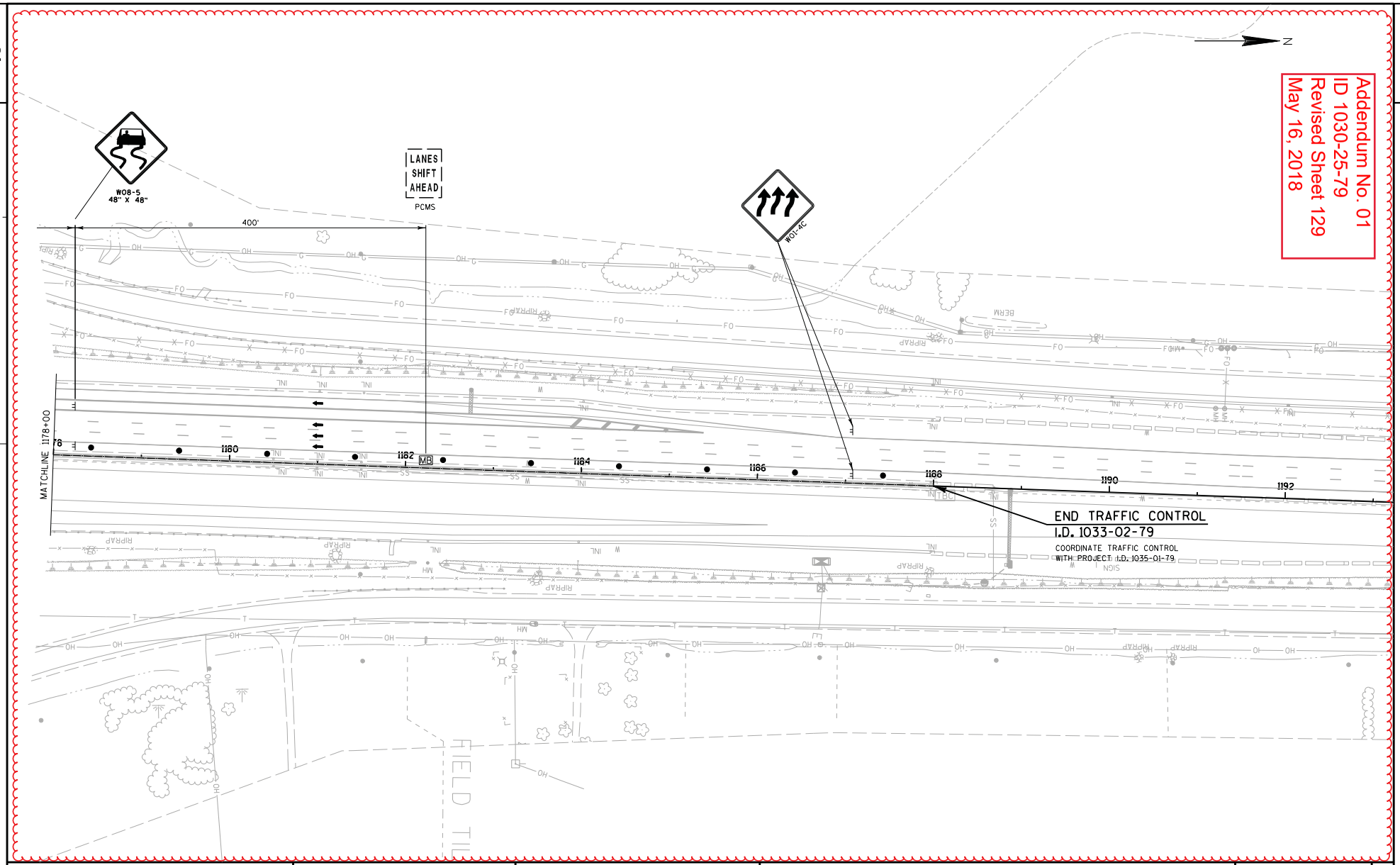
WISDOT/CADDS SHEET 42




| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL - STAGE 4 | SHEET 128 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025041_tc4.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100

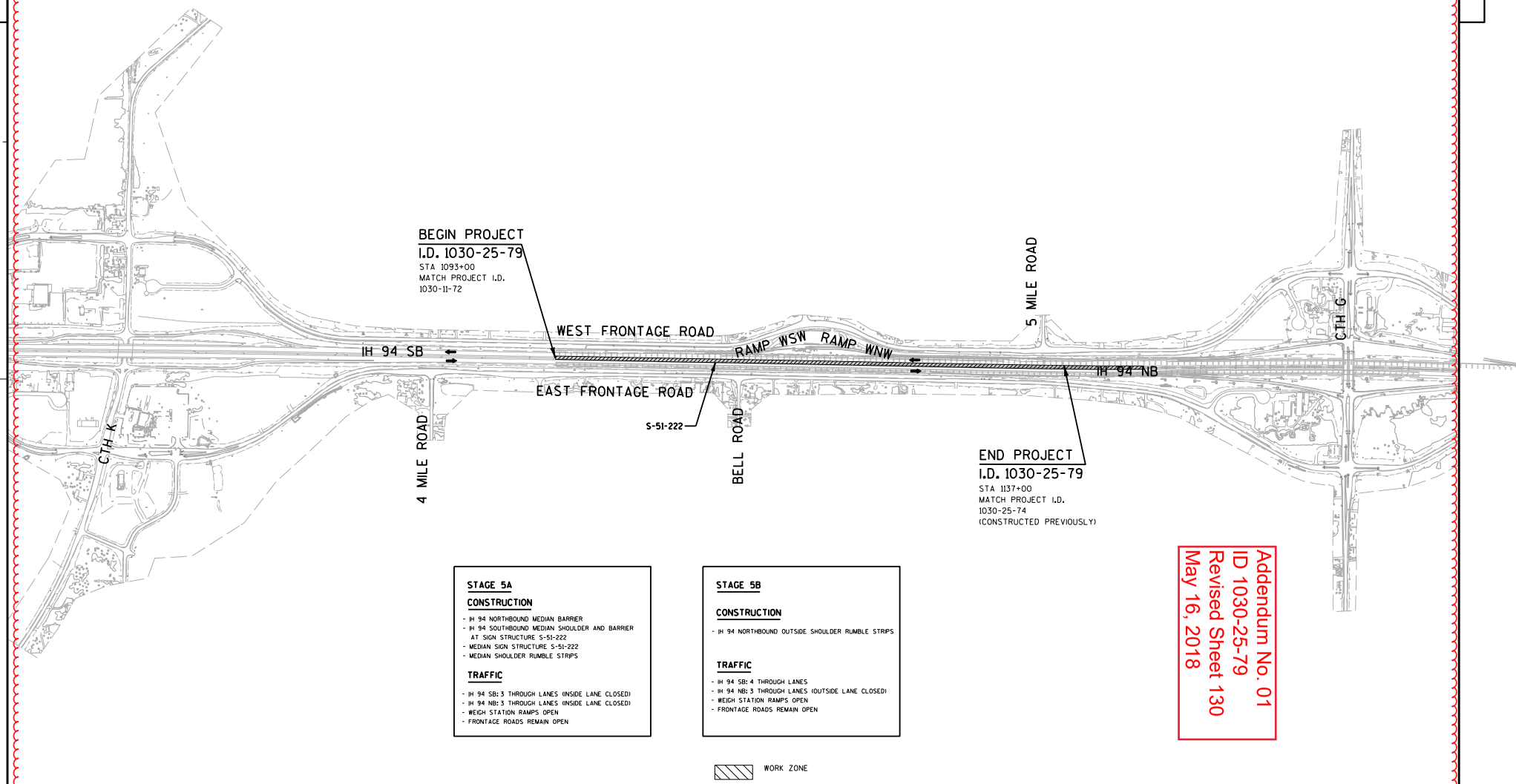
WISDOT/CADDS SHEET 42




Addendum No. 01
ID 1030-25-79
Revised Sheet 129
May 16, 2018

| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL - STAGE 4 | SHEET 129 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025042_tc4.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100




**STAGE 5A**

**CONSTRUCTION**

- IH 94 NORTHBOUND MEDIAN BARRIER
- IH 94 SOUTHBOUND MEDIAN SHOULDER AND BARRIER AT SIGN STRUCTURE S-51-222
- MEDIAN SIGN STRUCTURE S-51-222
- MEDIAN SHOULDER RUMBLE STRIPS

**TRAFFIC**

- IH 94 SB: 3 THROUGH LANES (INSIDE LANE CLOSED)
- IH 94 NB: 3 THROUGH LANES (INSIDE LANE CLOSED)
- WEIGH STATION RAMPS OPEN
- FRONTAGE ROADS REMAIN OPEN

**STAGE 5B**

**CONSTRUCTION**

- IH 94 NORTHBOUND OUTSIDE SHOULDER RUMBLE STRIPS

**TRAFFIC**

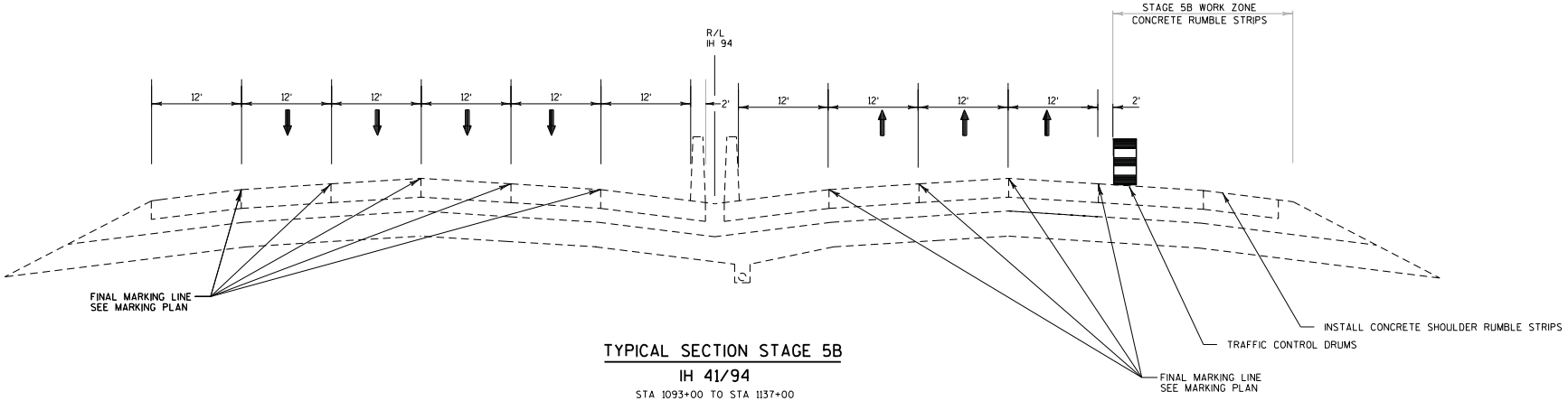
- IH 94 SB: 4 THROUGH LANES
- IH 94 NB: 3 THROUGH LANES (OUTSIDE LANE CLOSED)
- WEIGH STATION RAMPS OPEN
- FRONTAGE ROADS REMAIN OPEN

WORK ZONE

Addendum No. 01
ID 1030-25-79
Revised Sheet 130
May 16, 2018

| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL: OVERVIEW - STAGE 5A - 5B | SHEET 130 | E |
|---|---|---|---|---|---|

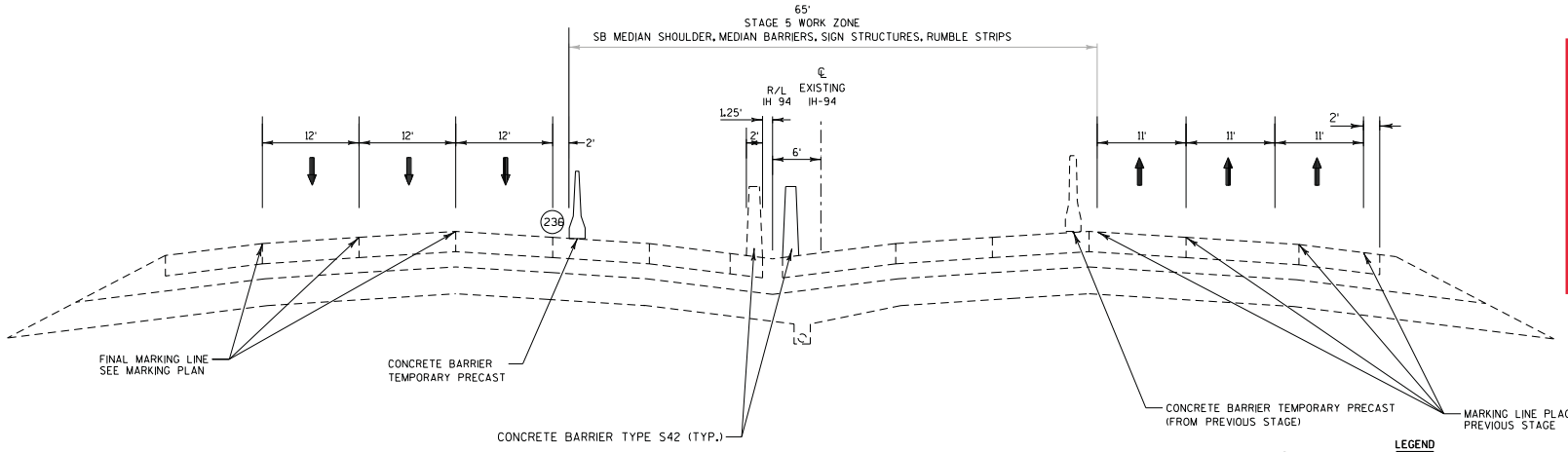
FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025047_tc5.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:800




## TYPICAL SECTION STAGE 5B

IH 41/94

STA 1093+00 TO STA 1137+00




## TYPICAL SECTION STAGE 5A

IH 41/94

STA 1093+00 TO STA 1137+00

Addendum No. 01
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Revised Sheet 131
May 16, 2018

NOTES

1. REFER TO STANDARD DETAIL DRAWING "TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 40 M.P.H. WITH BARRIER" WHERE BARRIER IS USED IN PLACE OF DRUMS DURING MEDIAN SIGN STRUCTURE CONSTRUCTION.

NOTE: SEE FINISHED TYPICAL SECTIONS FOR LOCATIONS AND STAGES TO INSTALL CONCRETE SHOULDER RUMBLE STRIPS.

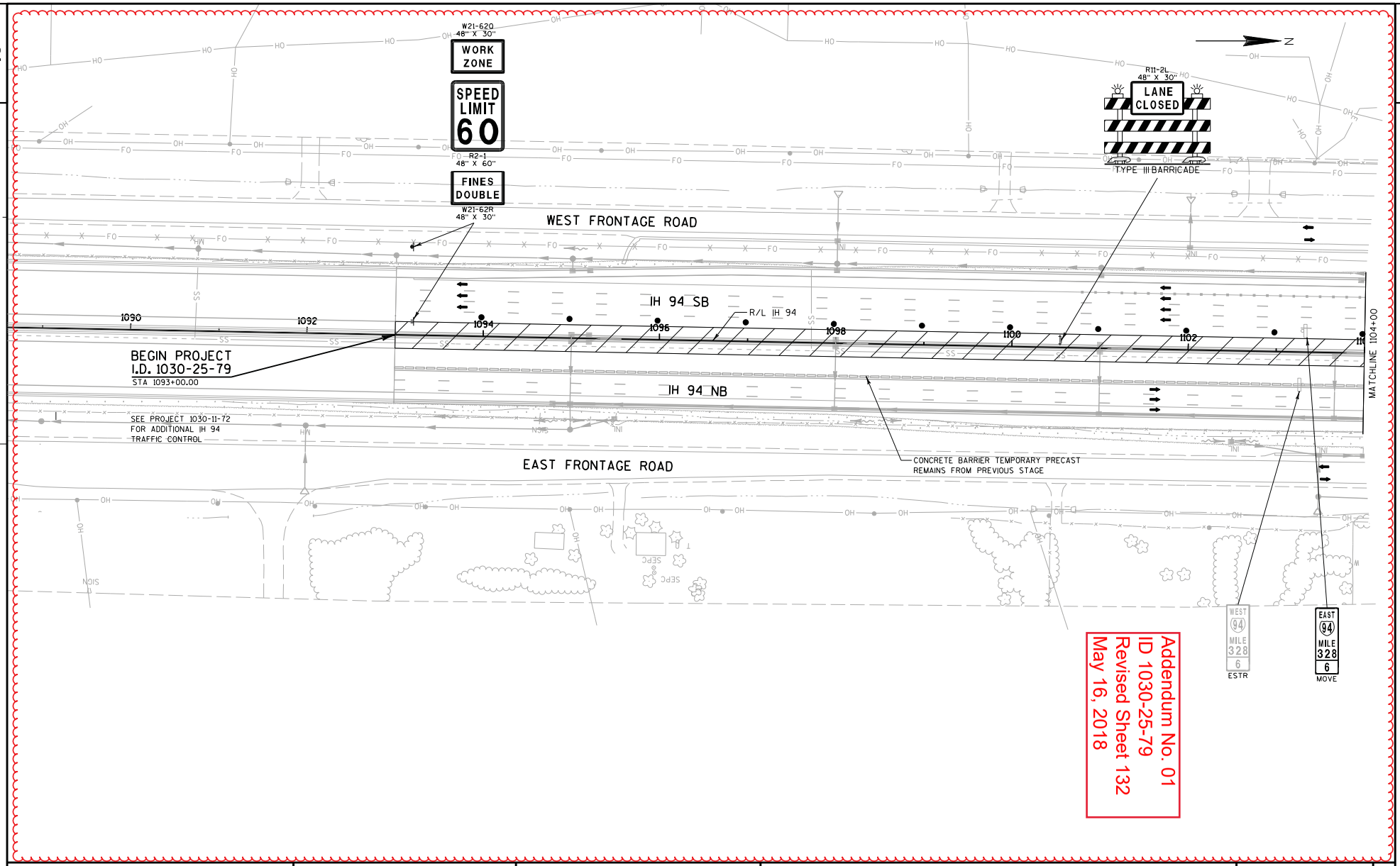
LEGEND

- 225 TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
- 226 TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
- 227 TEMPORARY MARKING LINE PAINT 4-INCH (DASHED WHITE) (12.5-FT LINE, 37.5-FT SKIP)
- 228 TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
- 229 TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)
- 230 TEMPORARY MARKING LINE EPOXY 4-INCH (DASHED WHITE) (12.5-FT LINE, 37.5-FT SKIP)
- 236 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
- GS TEMPORARY GLARE SCREEN

| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL: TYPICAL SECTIONS - STAGE 5A & 5B | SHEET 131 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025061_tc5.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : $FILE$ PLOT SCALE : 1:15

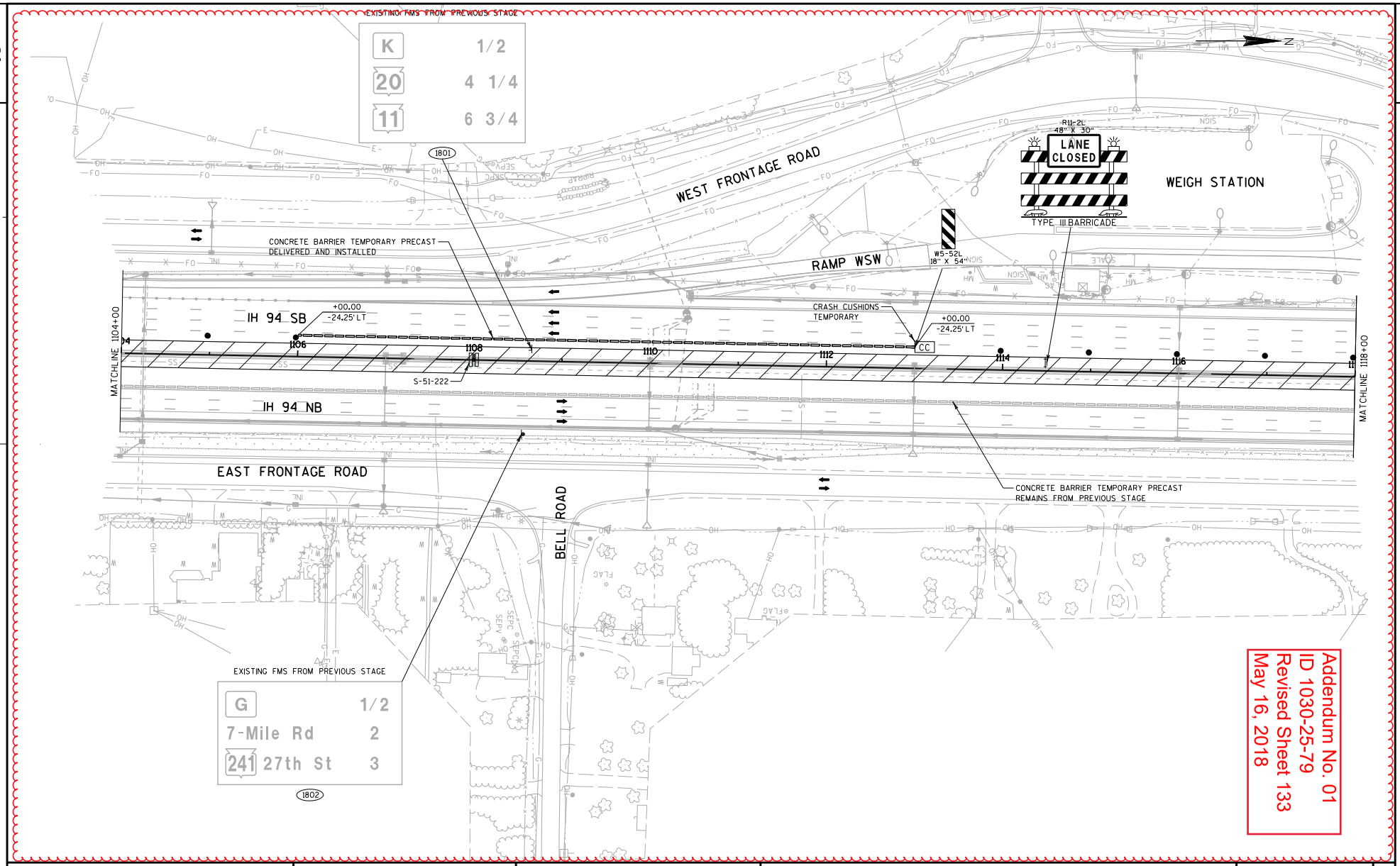
WISDOT/CADDS SHEET 42




Addendum No. 01
ID 1030-25-79
Revised Sheet 132
May 16, 2018

| PROJECT NO:1030-25-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL - STAGE 5A | SHEET 132 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025062_tc5.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100

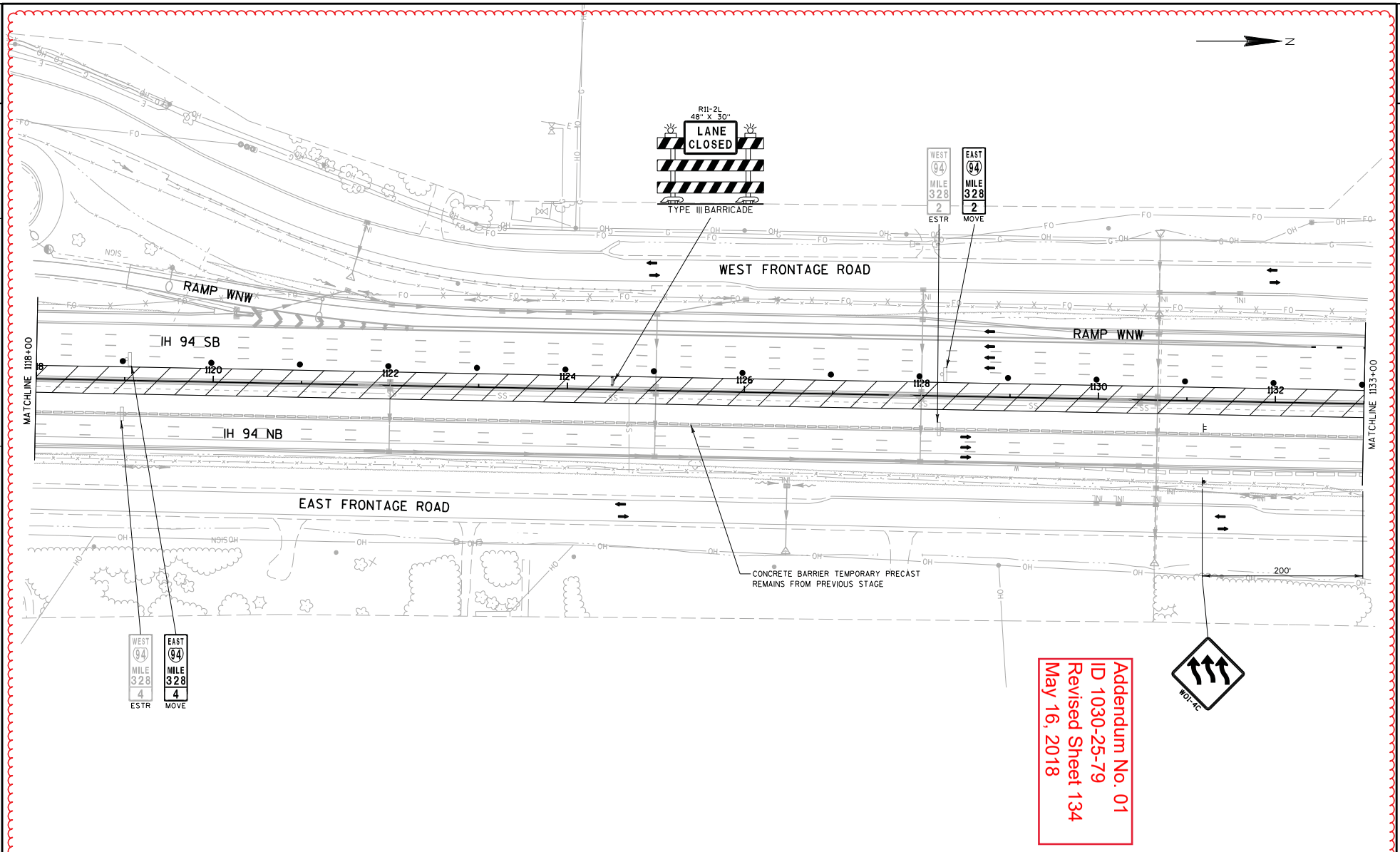



Addendum No. 01
ID 1030-25-79
Revised Sheet 133
May 16, 2018

| PROJECT NO:1030-25-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL - STAGE 5A | SHEET 133 | E |
|---|---|---|---|---|---|

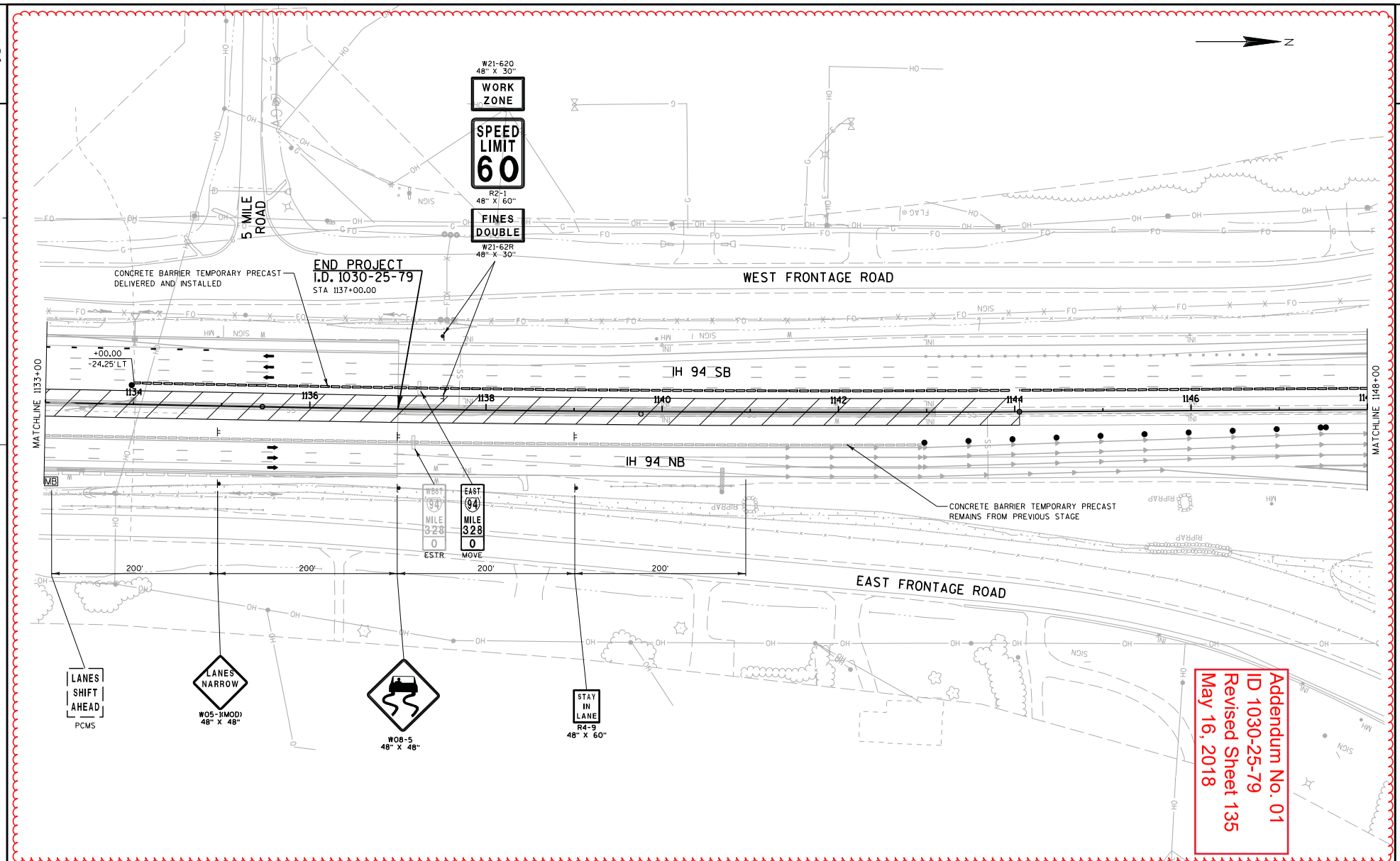
FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025063_tc5.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100

WISDOT/CADDS SHEET 42




| PROJECT NO:1030-25-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL - STAGE 5A | SHEET 134 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025064_tc5.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100



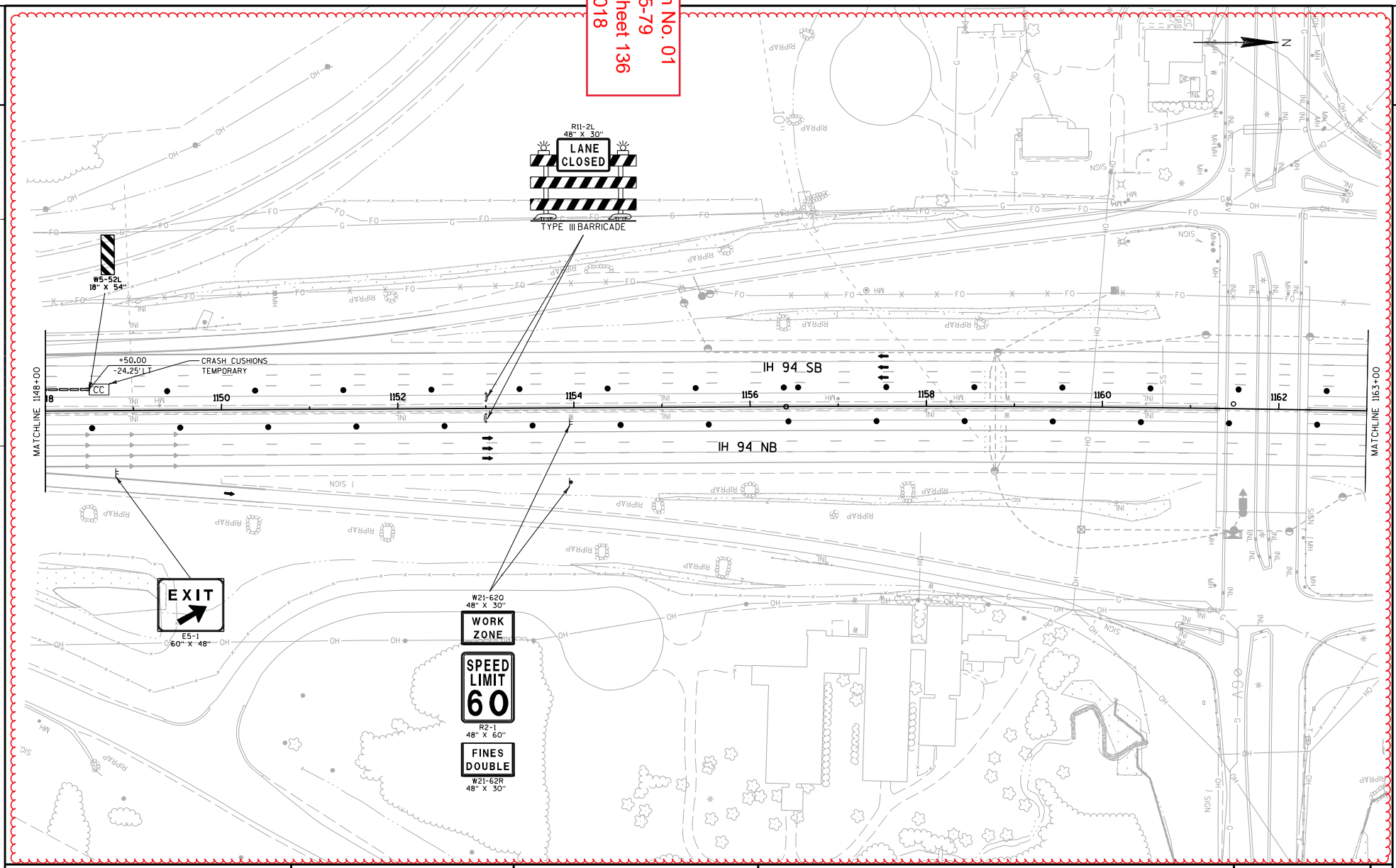

Addendum No. 01
ID 1030-25-79
Revised Sheet 135
May 16, 2018

| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL - STAGE 5A | SHEET 135 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025065_tc5.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100

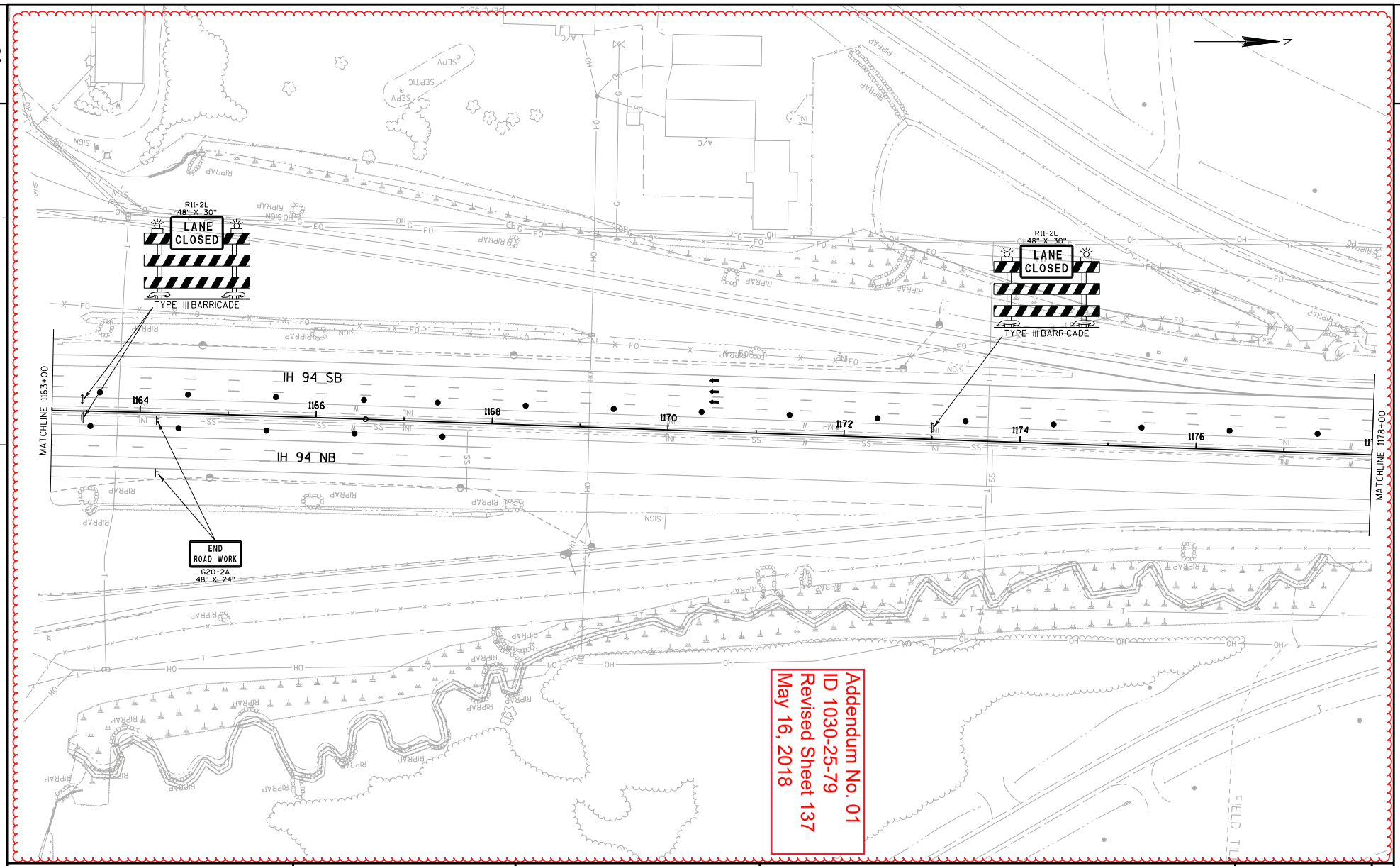
WISDOT/CADDS SHEET 42

Addendum No. 01
ID 1030-25-79
Revised Sheet 136
May 16, 2018




| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL - STAGE 5A | SHEET 136 | E |
|---|---|---|---|---|---|

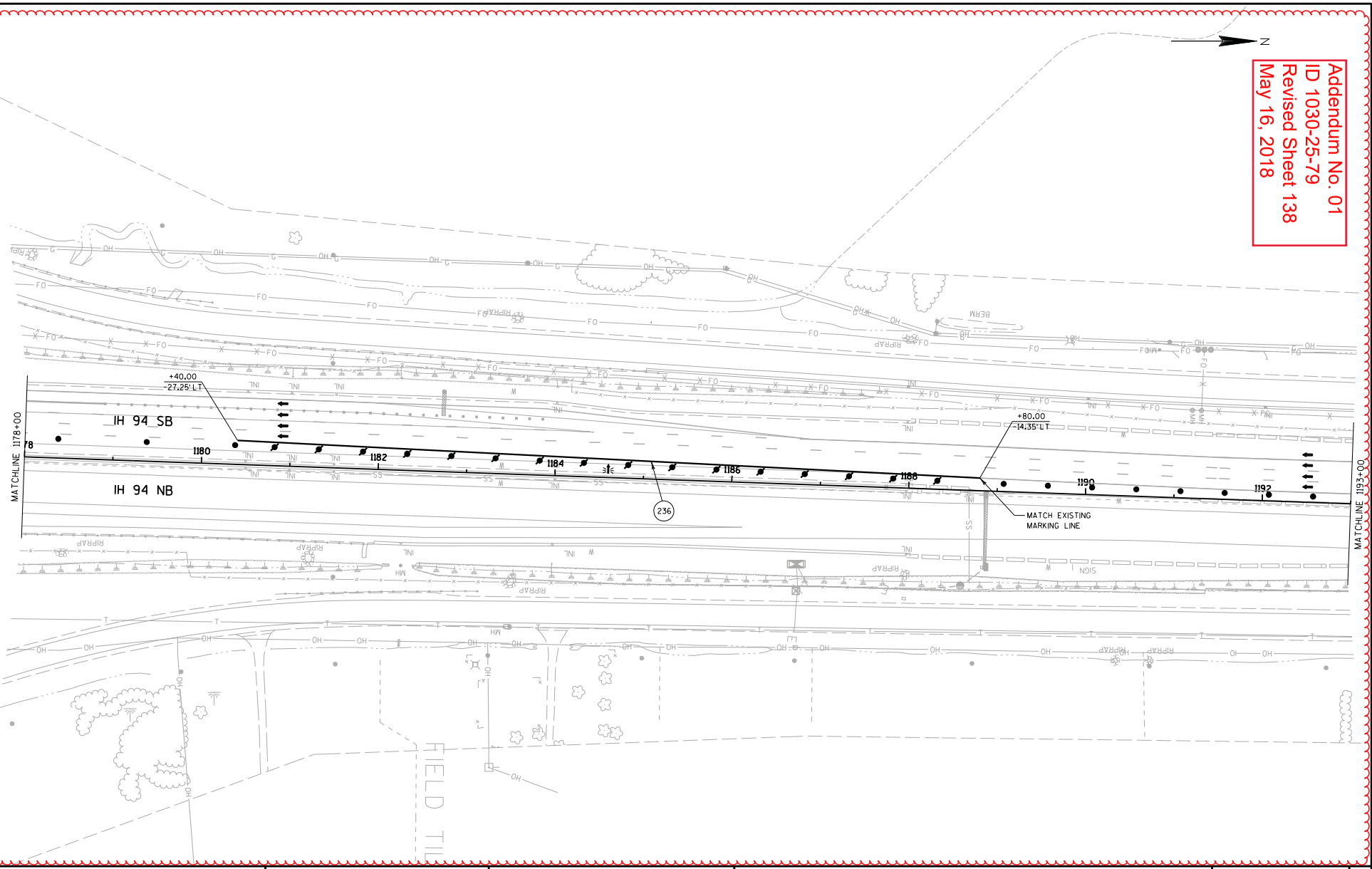
FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025066_tc5.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100




| PROJECT NO:1030-25-79 | HWY:IH 94 | COUNTY:RACINE | TRAFFIC CONTROL - STAGE 5A | SHEET 137 | E |
|---|---|---|---|---|---|

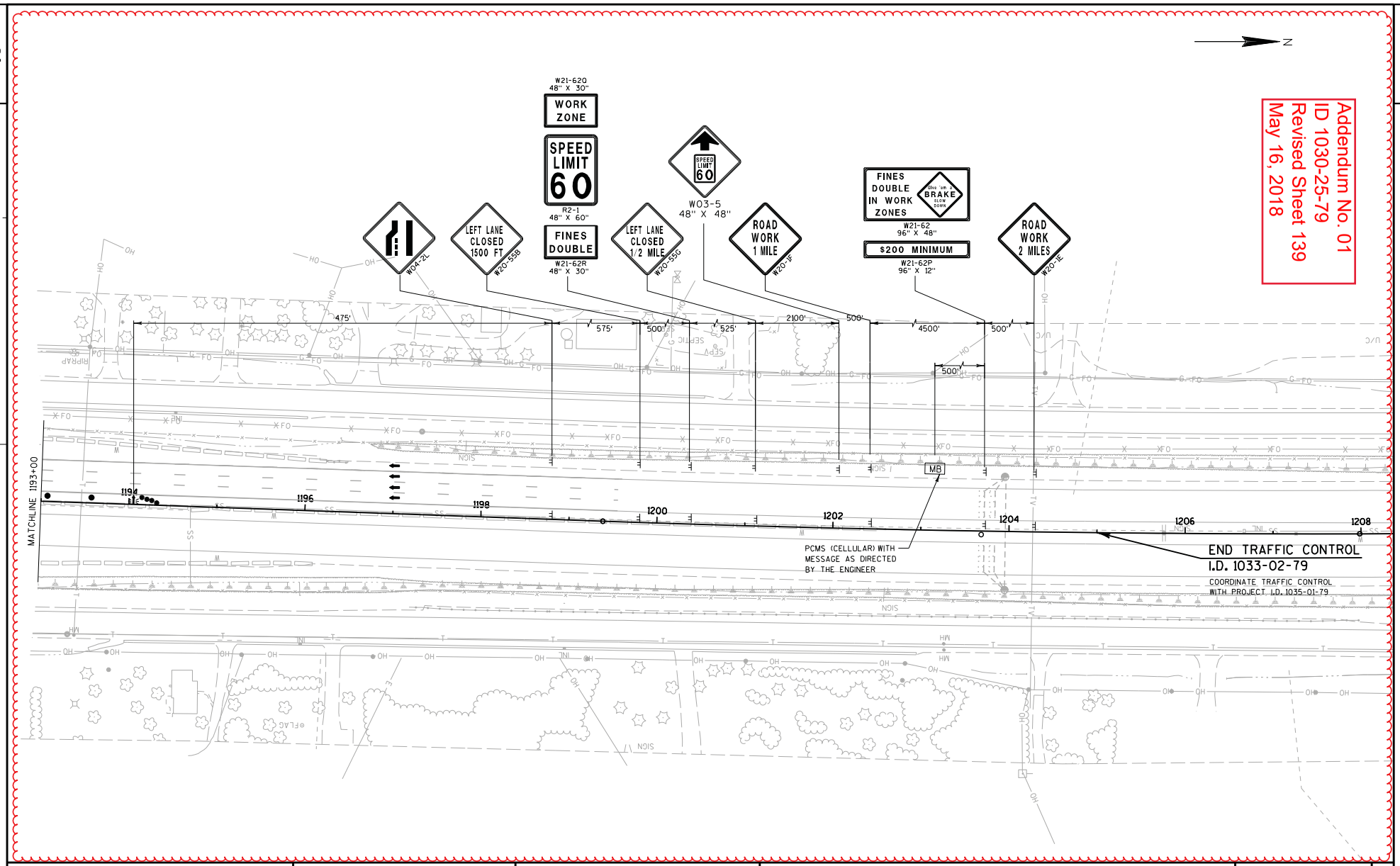
FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025067_tc5.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100

Addendum No. 01
ID 1030-25-79
Revised Sheet 138
May 16, 2018




| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL - STAGE 5A | SHEET 138 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025068_tc5.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100




Addendum No. 01
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| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | TRAFFIC CONTROL - STAGE 5A | SHEET 139 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\025069_tc5.dgn PLOT DATE : 5/7/2018 PLOT BY : james.buggs PLOT NAME : PLOT SCALE : 1:100

WISDOT/CADDS SHEET 42

## REMOVING SMALL PIPE CULVERT

| CATEGORY | STAGE | STATION | SIZE (INCH) | LENGTH (FEET) | TYPE | 203.0100 REMOVING SMALL CULVERT PIPES EACH |
|---|---|---|---|---|---|---|
| 1000 | 4 | RAMP WNW | | | | |
| | | 1119+75 | 24 | 93 | CPRC | 1 |
| | | RAMP WSW | | | | |
| | | 1111+30 | 24 | 86 | CPRC | 1 |
| | | TOTAL | | | | 2 |

## REMOVING OLD STRUCTURE

| CATEGORY | STAGE | STATION | 203.0200.001 REMOVING OLD STRUCTURE STA 1130+68 LS | 203.0200.045 REMOVING OLD STRUCTURE STA 1104+26 LS | DESCRIPTION |
|---|---|---|---|---|---|
| 1000 | 2 | IH 94 NORTHBOUND | | | |
| | | 1104+26 | -- | 0.5 | 30-INCH CPRC. LENGTH 100' |
| | | 1130+68 | 0.5 | -- | 30-INCH CPRC. LENGTH 100' |
| | 4 | IH 94 SOUTHBOUND | | | |
| | | 1104+26 | -- | 0.5 | 30-INCH CPRC. LENGTH 100' |
| | | 1130+68 | 0.5 | -- | 30-INCH CPRC. LENGTH 100' |
| | | TOTAL | 1 | 1 | |

## REMOVING PAVEMENT

| CATEGORY | STAGE | STATION | 204.0100 REMOVING PAVEMENT SY | 204.0120* REMOVING ASPHALTIC SURFACE MILLING SY |
|---|---|---|---|---|
| 1000 | 2 | IH 94 NORTHBOUND | | |
| | | 1093+00 - 1122+00 | 16,120 | -- |
| | | 1122+00 1132+00 | 5,560 | 0 |
| | | 1132+00 - 1137+00 | 2,780 | -- |
| | | SUBTOTAL | 24,460 | 0 |
| | 3 | IH 94 MEDIAN | | |
| | | 1093+00 - 1122+00 | 8,060 | -- |
| | | 1122+00 1132+00 | 2,780 | -- |
| | | 1132+00 - 1137+00 | 1,390 | -- |
| | | SUBTOTAL | 12,230 | -- |
| | 4 | IH 94 SOUTHBOUND | | |
| | | 1093+00 - 1122+00 | 13,860 | -- |
| | | 1122+00 1132+00 | 4,780 | 0 |
| | | 1132+00 - 1137+00 | 2,390 | -- |
| | | RAMP WNW | | |
| | | 1119+00 - 1133+00 | 2,180 | -- |
| | | SUBTOTAL | 23,210 | 0 |
| | | TOTAL | 59,900 | 0 |

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

## REMOVING BARRIER

| CATEGORY | STAGE | STATION | LOCATION | 204.0157 REMOVING CONCRETE BARRIER LF |
|---|---|---|---|---|
| 1000 | 3 | IH 94 Median | | |
| | | 1093+00 - 1120+00 | MEDIAN | 2,700 |
| | | 1130+70 - 1132+15 | MEDIAN | 145 |
| | | TOTAL | | 2,845 |

## REMOVING FENCE

| CATEGORY | STAGE | STATION | LOCATION | 204.0170 REMOVING FENCE LF |
|---|---|---|---|---|
| 1000 | 2 | IH 94 NORTHBOUND | | |
| | | 1093+00 - 1137+00 | RT | 4,406 |
| | 4 | IH 94 SOUTHBOUND | | |
| | | 1093+00 - 1113+00 | LT | 1,981 |
| | | 1117+00 - 1137+00 | LT | 2,017 |
| | | TOTAL | | 8,404 |

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## REMOVING UNDERDRAIN

| CATEGORY | STAGE | STATION | | LOCATION | 204.9090.S.001 REMOVING UNDERDRAIN LF |
|---|---|---|---|---|---|
| 1000 | 2 | IH 94 NORTHBOUND | | | |
| | | 1093+00 | - 1094+00 | RT | 100 |
| | | 1094+00 | - 1099+00 | RT | 515 |
| | | 1099+00 | - 1103+75 | RT | 490 |
| | | 1103+75 | - 1108+25 | RT | 465 |
| | | 1108+25 | - 1112+75 | RT | 465 |
| | | 1112+75 | - 1117+75 | RT | 515 |
| | | 1117+75 | - 1121+75 | RT | 415 |
| | | 1121+75 | - 1126+25 | RT | 465 |
| | | 1126+25 | - 1130+25 | RT | 415 |
| | | 1130+25 | - 1134+50 | RT | 440 |
| | 4 | IH 94 SOUTHBOUND | | | |
| | | 1093+00 | - 1093+75 | LT | 75 |
| | | 1093+75 | - 1099+25 | LT | 565 |
| | | 1110+75 | - 1114+25 | LT | 365 |
| | | 1114+25 | - 1117+75 | LT | 365 |
| | | 1117+75 | - 1120+25 | LT | 265 |
| | | 1123+75 | - 1128+25 | LT | 465 |
| | | 1128+25 | - 1133+25 | LT | 515 |
| | | 1133+25 | - 1137+00 | LT | 375 |
| | | TOTAL | | | 7,275 |

## REMOVING COVER PLATES

| CATEGORY | STATION | | 204.9060.S.004 REMOVING COVER PLATES EACH |
|---|---|---|---|
| 1000 | 1187+97 | LT | 1 |
| | 1187+97 | RT | 1 |
| | 1184+00 | LT | 1 |
| | 1184+00 | RT | 1 |
| | 1181+50 | LT | 1 |
| | 1181+50 | RT | 1 |
| | 1181+00 | LT | 1 |
| | 1181+00 | RT | 1 |
| | 1180+50 | LT | 1 |
| | 1180+50 | RT | 1 |
| | 1177+00 | LT | 1 |
| | 1177+00 | RT | 1 |
| | 1172+98 | LT | 1 |
| | 1172+99 | RT | 1 |
| | 1143+00 | LT | 1 |
| | 1143+00 | RT | 1 |
| | 1140+00 | LT | 1 |
| | 1140+00 | RT | 1 |
| | 1137+75 | LT | 1 |
| | 1137+76 | RT | 1 |
| | TOTAL | | 20 |

## REMOVING STORM SEWER

| CATEGORY | STAGE | STATION | | 204.0245.002 REMOVING STORM SEWER 6-INCH LF | 204.0245.004* REMOVING STORM SEWER 12-INCH LF | 204.0245.006 REMOVING STORM SEWER 15-INCH LF | 204.0245.008 REMOVING STORM SEWER 18-INCH LF | 204.0245.010 REMOVING STORM SEWER 24-INCH LF | 204.9060.S.209 CONCRETE APRON ENDWALLS EACH |
|---|---|---|---|---|---|---|---|---|---|
| 1000 | 2 | IH 94 NORTHBOUND | | | | | | | |
| | | 1111+70 | | -- | -- | -- | 113 | -- | -- |
| | | 1124+70 | | -- | -- | -- | 123 | -- | -- |
| | 3 | IH 94 MEDIAN | | | | | | | |
| | | 1093+00 | - 1093+70 | -- | -- | 70 | -- | 6 | -- |
| | | 1093+70 | - 1097+70 | 400 | -- | -- | -- | 6 | -- |
| | | 1097+70 | - 1100+70 | -- | -- | 300 | -- | 6 | -- |
| | | 1100+70 | - 1104+26 | 360 | -- | -- | -- | 6 | -- |
| | | 1104+26 | - 1107+70 | -- | -- | 350 | -- | 6 | -- |
| | | 1114+65 | - 1115+37 | -- | -- | -- | -- | 75 | -- |
| | | 1107+70 | - 1121+70 | 1,400 | -- | -- | -- | 6 | -- |
| | | 1121+70 | - 1124+70 | -- | -- | 300 | -- | 6 | -- |
| | | 1124+70 | - 1127+70 | 300 | -- | -- | -- | 6 | -- |
| | | 1127+70 | - 1130+68 | -- | 300 | -- | -- | 6 | -- |
| | | 1130+68 | - 1132+00 | 130 | -- | -- | -- | -- | 1 |
| | 4 | IH 94 SOUTHBOUND | | | | | | | |
| | | 1097+70 | | -- | -- | -- | 90 | -- | -- |
| | | TOTAL | | 2,590 | 300 | 1,020 | 326 | 129 | 1 |

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Revised Sheet 154
May 16, 2018

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Revised Sheet 155
May 16, 2018

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3

## EARTHWORK SUMMARY

| CATEGORY | DIVISION | ROADWAY | STAGE | STATION TO STATION | 205.0100 (1) EXCAVATION COMMON CY | SPV.0035.008 (2)(5) EBS EXCAVATION CY | SPV.0035.0098 EBS BACKFILL CY | SPV.0035.006 (3) ROADWAY EMBANKMENT CY | SPV.0195.011 SOIL DRYING TREATMENT TON | SPV.0195.012 SUBGRADE STRENGTHENING TREATMENT TON | (4) MASS ORDINATE +/- |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1000 | | | | | | | | | | | |
| | 2 | IH 94 NORTHBOUND | 2 | 1093+00 to 1137+00 | 11,924 | 2,386 | 2,386 | 9,906 | 50 | 4 | 2,018 |
| | | EBS AT NB DITCH FILLS | 2 | 1093+00 to 1137+00 | 0 | 978 | 978 | 0 | 0 | 0 | 0 |
| | | SUBTOTALS DIVISION 2 | | | 11,924 | 3,364 | 3,364 | 9,906 | 50 | 4 | 2,018 |
| | 3 | IH 94 NORTHBOUND MEDIAN | 3 | 1093+00 to 1137+00 | 6,355 | 0 | 0 | 0 | 0 | 20 | 6,355 |
| | | IH 94 SOUTHBOUND MEDIAN | 3 | 1093+00 to 1137+00 | 3,474 | 0 | 0 | 0 | 0 | 20 | 3,474 |
| | | SUBTOTALS DIVISION 3 | | | 9,829 | 0 | 0 | 0 | 0 | 40 | 9,829 |
| | 4 | IH 94 SOUTHBOUND | 4 | 1093+00 to 1137+00 | 15,545 | 3,110 | 3,110 | 15,691 | 52 | 5 | -146 |
| | | EBS AT SB DITCH FILLS | 4 | 1093+00 to 1137+00 | 0 | 978 | 978 | 0 | 0 | 0 | 0 |
| | | SUBTOTALS DIVISION 4 | | | 15,545 | 4,088 | 4,088 | 15,691 | 52 | 5 | -146 |
| | | GRAND TOTALS | | | 37,298 | 7,452 | 7,452 | 25,597 | 102 | 49 | 11,701 |

1) Cut Volume Includes Concrete and Asphaltic Surface Material.
2) EBS Excavation to be backfilled with EBS Backfill. All EBS material is assumed to be wasted offsite.
3) Roadway Embankment = Unexpanded Fill
4) The Mass Ordinate + or - quantity is calculated by Division. A positive quantity indicates an excess of material within the division and a negative number indicates a shortage of material within the divisio
Mass Ordinate = Cut-Embankment. The Mass Ordinate is for information purposes only as Common Excavation and Roadway Embankment

## BACKFILL ITEMS

| CATEGORY | LOCATION | 209.0200.S* BACKFILL CONTROLLED LOW STRENGTH SPECIAL CY | 209.2500** BACKFILL GRANULAR GRADE 2 TON | SPV.0035.005 BACKFILL SLURRY CY | 210.2100*** BACKFILL STRUCTURE TYPE B CY |
|---|---|---|---|---|---|
| 1000 | UNDISTRIBUTED | 10 | 150 | 20 | 50 |
| | TOTAL | 10 | 150 | 20 | 50 |

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

**TO BE USED AT RETAINING WALL INLETS, HOLES FROM REMOVALS OR ABANDONMENT OF STRUCTURES AND ANY OTHER LOCATION AT THE DIRECTION OF THE ENGINEER.

***TO BE USED BY FOR S56C BARRIER WALL

## FINISHING ROADWAY PROJECT ID 1030-25-79

| CATEGORY | STAGE | | 213.0100.008 FINISHING ROADWAY EACH |
|---|---|---|---|
| 1000 | ALL | PROJECT 1030-25-79 | 1 |
| | TOTAL | | 1 |

## BASE AGGREGATE ITEMS

| CATEGORY | STAGE | LOCATION | 305.0115 BASE AGGREGATE DENSE 3/4-INCH CY | 305.0125* BASE AGGREGATE DENSE 1 1/4-INCH CY | 312.0115* SELECT CRUSHED MATERIAL CY | 335.0100 RUBBLIZING SY |
|---|---|---|---|---|---|---|
| 1000 | 2 | IH 94 NB | | | | |
| | | 1093+00 - 1122+00 | -- | 2,850 | 7,580 | -- |
| | | 1122+00 - 1132+00 | -- | 990 | 1,480 | 0 |
| | | 1132+00 - 1137+00 | -- | 500 | 1,310 | -- |
| | | SUBTOTAL: | 0 | 4,340 | 10,370 | 0 |
| | 3 | IH 94 MEDIAN | | | | |
| | | 1093+00 - 1122+00 | -- | 2,390 | 6,360 | -- |
| | | 1122+00 - 1132+00 | -- | 830 | 2,200 | -- |
| | | 1132+00 - 1137+00 | -- | 420 | 1,100 | -- |
| | | SUBTOTAL: | 0 | 3,640 | 9,660 | 0 |
| | 4 | IH 94 SB | | | | |
| | | 1093+00 - 1122+00 | -- | 3,870 | 10,290 | -- |
| | | 1122+00 - 1132+00 | -- | 1,300 | 1,680 | 0 |
| | | 1132+00 - 1137+00 | -- | 650 | 1,730 | -- |
| | | RAMP WNW | 40 | 340 | 200 | -- |
| | | RAMP WSW | 70 | 580 | 360 | -- |
| | | SUBTOTAL: | 110 | 6,740 | 14,260 | 0 |
| | | USE FOR TEMPORARY ACCESS POINTS | -- | 1,000 | -- | -- |
| | | RELIEF TRENCHES | -- | -- | 20 | -- |
| | | TOTAL | 110 | 15,720 | 34,310 | 0 |

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

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| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | MISCELLANEOUS QUANTITIES | SHEET 156 | E |
|---|---|---|---|---|---|

FILE NAME : PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ ORG DATE : _____ ORIGINATOR : DIST _ PLOT SCALE : 1:1

| | | IH 94 NORTHBOUND STAGE 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | AREA (SF) | | Incremental Vol (CY) (Unadjusted) | | Cumulative Vol (CY) (Unadjusted) | | |
| STATION | Distance | Cut | Fill | Cut | Fill | Cut 1.00 | Fill 1.00 | Mass Ordinate |
| 1092+50 | 0.00 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| 1093+00 | 50.00 | 114.0 | 15.6 | 106 | 14 | 106 | 14 | 91 |
| 1093+50 | 50.00 | 113.6 | 16.7 | 211 | 30 | 316 | 44 | 272 |
| 1094+00 | 50.00 | 110.0 | 27.1 | 207 | 41 | 523 | 85 | 438 |
| 1094+50 | 50.00 | 108.3 | 27.7 | 202 | 51 | 725 | 136 | 590 |
| 1095+00 | 50.00 | 106.8 | 23.3 | 199 | 47 | 925 | 183 | 742 |
| 1095+50 | 50.00 | 106.3 | 29.8 | 197 | 49 | 1,122 | 232 | 890 |
| 1096+00 | 50.00 | 102.4 | 22.6 | 193 | 49 | 1,315 | 281 | 1,035 |
| 1096+50 | 50.00 | 103.6 | 9.9 | 191 | 30 | 1,506 | 311 | 1,195 |
| 1097+00 | 50.00 | 101.9 | 10.1 | 190 | 19 | 1,696 | 329 | 1,367 |
| 1097+50 | 50.00 | 101.3 | 10.8 | 188 | 19 | 1,884 | 349 | 1,536 |
| 1098+00 | 50.00 | 103.3 | 9.8 | 189 | 19 | 2,074 | 368 | 1,706 |
| 1098+50 | 50.00 | 106.6 | 9.3 | 194 | 18 | 2,268 | 385 | 1,883 |
| 1099+00 | 50.00 | 103.8 | 15.1 | 195 | 23 | 2,463 | 408 | 2,055 |
| 1099+50 | 50.00 | 99.5 | 52.9 | 188 | 63 | 2,651 | 471 | 2,180 |
| 1100+00 | 50.00 | 96.1 | 48 | 181 | 93 | 2,832 | 564 | 2,268 |
| 1100+50 | 50.00 | 95.5 | 52.6 | 177 | 93 | 3,010 | 657 | 2,352 |
| 1101+00 | 50.00 | 91.1 | 59.6 | 173 | 104 | 3,183 | 761 | 2,421 |
| 1101+50 | 50.00 | 82.3 | 63.4 | 161 | 114 | 3,343 | 875 | 2,468 |
| 1102+00 | 50.00 | 75.7 | 58.8 | 146 | 113 | 3,489 | 988 | 2,501 |
| 1102+50 | 50.00 | 74.9 | 69.2 | 139 | 119 | 3,629 | 1,107 | 2,522 |
| 1103+00 | 50.00 | 78.5 | 111.5 | 142 | 167 | 3,771 | 1,274 | 2,497 |
| 1103+50 | 50.00 | 80.2 | 105.6 | 147 | 201 | 3,918 | 1,475 | 2,443 |
| 1104+00 | 50.00 | 84.7 | 105.3 | 153 | 195 | 4,070 | 1,670 | 2,400 |
| 1104+50 | 50.00 | 90.5 | 103.6 | 162 | 193 | 4,233 | 1,864 | 2,369 |
| 1105+00 | 50.00 | 94.8 | 100.7 | 172 | 189 | 4,404 | 2,053 | 2,351 |
| 1105+50 | 50.00 | 100.3 | 96.3 | 181 | 182 | 4,585 | 2,235 | 2,349 |
| 1106+00 | 50.00 | 100.2 | 95.6 | 186 | 178 | 4,771 | 2,413 | 2,357 |
| 1106+50 | 50.00 | 98.9 | 92.1 | 184 | 174 | 4,955 | 2,587 | 2,368 |
| 1107+00 | 50.00 | 94.3 | 91 | 179 | 170 | 5,134 | 2,756 | 2,377 |
| 1107+50 | 50.00 | 88.3 | 89.3 | 169 | 167 | 5,303 | 2,923 | 2,379 |
| 1108+00 | 50.00 | 78.7 | 87.2 | 155 | 163 | 5,458 | 3,087 | 2,371 |
| 1108+50 | 50.00 | 71.7 | 90.9 | 139 | 165 | 5,597 | 3,252 | 2,345 |
| 1109+00 | 50.00 | 72.1 | 89.1 | 133 | 167 | 5,730 | 3,418 | 2,311 |
| 1109+50 | 50.00 | 73.9 | 90.1 | 135 | 166 | 5,865 | 3,584 | 2,281 |
| 1110+00 | 50.00 | 79.2 | 91.7 | 142 | 168 | 6,007 | 3,753 | 2,254 |
| 1110+50 | 50.00 | 85.8 | 92.5 | 153 | 171 | 6,160 | 3,923 | 2,236 |
| 1111+00 | 50.00 | 87.5 | 99.2 | 160 | 178 | 6,320 | 4,101 | 2,219 |
| 1111+50 | 50.00 | 90.3 | 59.8 | 165 | 147 | 6,485 | 4,248 | 2,237 |
| 1112+00 | 50.00 | 90.1 | 56.9 | 167 | 108 | 6,652 | 4,356 | 2,296 |
| 1112+50 | 50.00 | 90.5 | 63 | 167 | 111 | 6,819 | 4,467 | 2,352 |
| 1113+00 | 50.00 | 89.1 | 58.8 | 166 | 113 | 6,985 | 4,580 | 2,405 |
| 1113+50 | 50.00 | 87.4 | 52.6 | 163 | 103 | 7,149 | 4,683 | 2,466 |
| 1114+00 | 50.00 | 84.4 | 61.1 | 159 | 105 | 7,308 | 4,788 | 2,520 |
| 1114+50 | 50.00 | 83.3 | 56.2 | 155 | 109 | 7,463 | 4,897 | 2,566 |

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| | | IH 94 NORTHBOUND STAGE 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | AREA (SF) | | Incremental Vol (CY) (Unadjusted) | | Cumulative Vol (CY) (Unadjusted) | | |
| STATION | Distance | Cut | Fill | Cut | Fill | Cut 1.00 | Fill 1.00 | Mass Ordinate |
| 1115+00 | 50.00 | 84.8 | 51.1 | 156 | 99 | 7,619 | 4,996 | 2,623 |
| 1115+50 | 50.00 | 81.1 | 56.3 | 154 | 99 | 7,772 | 5,096 | 2,677 |
| 1116+00 | 50.00 | 76.7 | 50.3 | 146 | 99 | 7,918 | 5,194 | 2,724 |
| 1116+50 | 50.00 | 69.5 | 48 | 135 | 91 | 8,054 | 5,285 | 2,768 |
| 1117+00 | 50.00 | 63.6 | 51.8 | 123 | 92 | 8,177 | 5,378 | 2,799 |
| 1117+50 | 50.00 | 57.7 | 52.8 | 112 | 97 | 8,289 | 5,475 | 2,815 |
| 1118+00 | 50.00 | 52.6 | 57 | 102 | 102 | 8,391 | 5,576 | 2,815 |
| 1118+50 | 50.00 | 47.3 | 63.5 | 93 | 112 | 8,484 | 5,688 | 2,796 |
| 1119+00 | 50.00 | 42.5 | 65.9 | 83 | 120 | 8,567 | 5,808 | 2,759 |
| 1119+50 | 50.00 | 34.4 | 71 | 71 | 127 | 8,638 | 5,934 | 2,704 |
| 1120+00 | 50.00 | 25.9 | 65 | 56 | 126 | 8,694 | 6,060 | 2,634 |
| 1120+50 | 50.00 | 23.1 | 61.7 | 45 | 117 | 8,740 | 6,178 | 2,562 |
| 1121+00 | 50.00 | 26.2 | 62.4 | 46 | 115 | 8,785 | 6,293 | 2,493 |
| 1121+50 | 50.00 | 28.1 | 66.9 | 50 | 120 | 8,835 | 6,412 | 2,423 |
| 1122+00 | 50.00 | 28.7 | 67.3 | 53 | 124 | 8,888 | 6,537 | 2,351 |
| 1122+50 | 50.00 | 33.3 | 67.8 | 57 | 125 | 8,945 | 6,662 | 2,284 |
| 1123+00 | 50.00 | 34.1 | 74.6 | 62 | 132 | 9,008 | 6,794 | 2,214 |
| 1123+50 | 50.00 | 33.9 | 61.3 | 63 | 126 | 9,071 | 6,919 | 2,151 |
| 1124+00 | 50.00 | 33.3 | 65.7 | 62 | 118 | 9,133 | 7,037 | 2,096 |
| 1124+50 | 50.00 | 34.4 | 64.4 | 63 | 120 | 9,196 | 7,157 | 2,038 |
| 1125+00 | 50.00 | 34.0 | 73.5 | 63 | 128 | 9,259 | 7,285 | 1,974 |
| 1125+50 | 50.00 | 31.5 | 78.5 | 61 | 141 | 9,320 | 7,426 | 1,894 |
| 1126+00 | 50.00 | 31.3 | 69.8 | 58 | 137 | 9,378 | 7,563 | 1,815 |
| 1126+50 | 50.00 | 32.0 | 63.2 | 59 | 123 | 9,436 | 7,686 | 1,750 |
| 1127+00 | 50.00 | 32.6 | 126.8 | 60 | 176 | 9,496 | 7,862 | 1,634 |
| 1127+50 | 50.00 | 31.5 | 121.2 | 59 | 230 | 9,556 | 8,092 | 1,464 |
| 1128+00 | 50.00 | 30.7 | 116.8 | 58 | 220 | 9,613 | 8,312 | 1,301 |
| 1128+50 | 50.00 | 31.3 | 112.1 | 57 | 212 | 9,671 | 8,524 | 1,146 |
| 1129+00 | 50.00 | 32.0 | 111.8 | 59 | 207 | 9,729 | 8,731 | 998 |
| 1129+50 | 50.00 | 32.0 | 104 | 59 | 200 | 9,789 | 8,931 | 857 |
| 1130+00 | 50.00 | 30.9 | 107.5 | 58 | 196 | 9,847 | 9,127 | 720 |
| 1130+50 | 50.00 | 33.2 | 112.5 | 59 | 204 | 9,906 | 9,331 | 575 |
| 1131+00 | 50.00 | 35.6 | 102.9 | 64 | 199 | 9,970 | 9,530 | 440 |
| 1131+50 | 50.00 | 36.9 | 90.2 | 67 | 179 | 10,037 | 9,709 | 328 |
| 1132+00 | 50.00 | 32.4 | 20.2 | 64 | 102 | 10,101 | 9,811 | 290 |
| 1132+50 | 50.00 | 32.9 | 18.3 | 60 | 36 | 10,162 | 9,847 | 315 |
| 1133+00 | 50.00 | 43.9 | 9.1 | 71 | 25 | 10,233 | 9,872 | 360 |
| 1133+50 | 50.00 | 64.2 | 6.1 | 100 | 14 | 10,333 | 9,886 | 446 |
| 1134+00 | 50.00 | 81.3 | 4.8 | 135 | 10 | 10,468 | 9,896 | 571 |
| 1134+50 | 50.00 | 104.3 | 1.8 | 172 | 6 | 10,639 | 9,903 | 737 |

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| | | IH 94 NORTHBOUND STAGE 2 | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | AREA (SF) | | Incremental Vol (CY) (Unadjusted) | | Cumulative Vol (CY) (Unadjusted) | | |
| | | Cut | Fill | Cut | Fill | Cut | Fill | Mass |
| STATION | Distance | | | | | 1.00 | 1.00 | Ordinate |
| 1135+00 | 50.00 | 123.7 | 0.8 | 211 | 2 | 10,850 | 9,905 | 945 |
| 1135+50 | 50.00 | 138.2 | 0.2 | 243 | 1 | 11,093 | 9,906 | 1,187 |
| 1136+00 | 50.00 | 146.8 | 0.1 | 264 | 0 | 11,357 | 9,906 | 1,451 |
| 1136+50 | 50.00 | 154.6 | 0.1 | 279 | 0 | 11,636 | 9,906 | 1,730 |
| 1137+00 | 50.00 | 156.6 | 0 | 288 | 0 | 11,924 | 9,906 | 2,018 |
| IH 94 NORTHBOUND | | | | 11,924 | 9,906 | 11,924 | 9,906 | 2,018 |

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| | | IH 94 NORTHBOUND STAGE 3 | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | AREA (SF) | | Incremental Vol (CY) (Unadjusted) | | Cumulative Vol (CY) (Unadjusted) | | |
| STATION | Distance | Cut | Fill | Cut | Fill | Cut 1.00 | Fill 1.00 | Mass Ordinate |
| 1092+50 | 0.00 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| 1093+00 | 50.00 | 58.5 | 0.0 | 54 | 0 | 54 | 0 | 54 |
| 1093+50 | 50.00 | 58.1 | 0.0 | 108 | 0 | 162 | 0 | 162 |
| 1094+00 | 50.00 | 59.0 | 0.0 | 108 | 0 | 271 | 0 | 271 |
| 1094+50 | 50.00 | 59.0 | 0.0 | 109 | 0 | 380 | 0 | 380 |
| 1095+00 | 50.00 | 58.7 | 0.0 | 109 | 0 | 489 | 0 | 489 |
| 1095+50 | 50.00 | 58.6 | 0.0 | 109 | 0 | 597 | 0 | 597 |
| 1096+00 | 50.00 | 55.6 | 0.0 | 106 | 0 | 703 | 0 | 703 |
| 1096+50 | 50.00 | 55.7 | 0.0 | 103 | 0 | 806 | 0 | 806 |
| 1097+00 | 50.00 | 55.2 | 0.0 | 103 | 0 | 909 | 0 | 909 |
| 1097+50 | 50.00 | 55.2 | 0.0 | 102 | 0 | 1,011 | 0 | 1,011 |
| 1098+00 | 50.00 | 55.1 | 0.0 | 102 | 0 | 1,113 | 0 | 1,113 |
| 1098+50 | 50.00 | 56.4 | 0.0 | 103 | 0 | 1,216 | 0 | 1,216 |
| 1099+00 | 50.00 | 57.3 | 0.0 | 105 | 0 | 1,322 | 0 | 1,322 |
| 1099+50 | 50.00 | 56.6 | 0.0 | 105 | 0 | 1,427 | 0 | 1,427 |
| 1100+00 | 50.00 | 54.1 | 0.0 | 103 | 0 | 1,530 | 0 | 1,530 |
| 1100+50 | 50.00 | 52.0 | 0.0 | 98 | 0 | 1,628 | 0 | 1,628 |
| 1101+00 | 50.00 | 50.3 | 0.0 | 95 | 0 | 1,723 | 0 | 1,723 |
| 1101+50 | 50.00 | 46.8 | 0.0 | 90 | 0 | 1,813 | 0 | 1,813 |
| 1102+00 | 50.00 | 45.8 | 0.0 | 86 | 0 | 1,898 | 0 | 1,898 |
| 1102+50 | 50.00 | 45.2 | 0.0 | 84 | 0 | 1,983 | 0 | 1,983 |
| 1103+00 | 50.00 | 44.8 | 0.0 | 83 | 0 | 2,066 | 0 | 2,066 |
| 1103+50 | 50.00 | 45.9 | 0.0 | 84 | 0 | 2,150 | 0 | 2,150 |
| 1104+00 | 50.00 | 48.0 | 0.0 | 87 | 0 | 2,237 | 0 | 2,237 |
| 1104+50 | 50.00 | 50.8 | 0.0 | 91 | 0 | 2,328 | 0 | 2,328 |
| 1105+00 | 50.00 | 53.9 | 0.0 | 97 | 0 | 2,425 | 0 | 2,425 |
| 1105+50 | 50.00 | 56.0 | 0.0 | 102 | 0 | 2,527 | 0 | 2,527 |
| 1106+00 | 50.00 | 56.0 | 0.0 | 104 | 0 | 2,631 | 0 | 2,631 |
| 1106+50 | 50.00 | 54.6 | 0.0 | 102 | 0 | 2,733 | 0 | 2,733 |
| 1107+00 | 50.00 | 53.6 | 0.0 | 100 | 0 | 2,833 | 0 | 2,833 |
| 1107+50 | 50.00 | 51.6 | 0.0 | 97 | 0 | 2,931 | 0 | 2,931 |
| 1108+00 | 50.00 | 45.9 | 0.0 | 90 | 0 | 3,021 | 0 | 3,021 |
| 1108+50 | 50.00 | 41.9 | 0.0 | 81 | 0 | 3,102 | 0 | 3,102 |
| 1109+00 | 50.00 | 40.5 | 0.0 | 76 | 0 | 3,179 | 0 | 3,179 |
| 1109+50 | 50.00 | 42.2 | 0.0 | 77 | 0 | 3,255 | 0 | 3,255 |
| 1110+00 | 50.00 | 45.3 | 0.0 | 81 | 0 | 3,336 | 0 | 3,336 |
| 1110+50 | 50.00 | 49.3 | 0.0 | 88 | 0 | 3,424 | 0 | 3,424 |
| 1111+00 | 50.00 | 50.2 | 0.0 | 92 | 0 | 3,516 | 0 | 3,516 |
| 1111+50 | 50.00 | 50.7 | 0.0 | 93 | 0 | 3,609 | 0 | 3,609 |
| 1112+00 | 50.00 | 51.7 | 0.0 | 95 | 0 | 3,704 | 0 | 3,704 |
| 1112+50 | 50.00 | 52.0 | 0.0 | 96 | 0 | 3,800 | 0 | 3,800 |
| 1113+00 | 50.00 | 51.3 | 0.0 | 96 | 0 | 3,896 | 0 | 3,896 |
| 1113+50 | 50.00 | 50.0 | 0.0 | 94 | 0 | 3,990 | 0 | 3,990 |
| 1114+00 | 50.00 | 47.6 | 0.0 | 90 | 0 | 4,080 | 0 | 4,080 |
| 1114+50 | 50.00 | 45.8 | 0.0 | 86 | 0 | 4,166 | 0 | 4,166 |

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| | | IH 94 NORTHBOUND STAGE 3 | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | AREA (SF) | | Incremental Vol (CY) (Unadjusted) | | Cumulative Vol (CY) (Unadjusted) | | |
| STATION | Distance | Cut | Fill | Cut | Fill | Cut 1.00 | Fill 1.00 | Mass Ordinate |
| 1115+00 | 50.00 | 47.0 | 0.0 | 86 | 0 | 4,252 | 0 | 4,252 |
| 1115+50 | 50.00 | 45.7 | 0.0 | 86 | 0 | 4,338 | 0 | 4,338 |
| 1116+00 | 50.00 | 43.1 | 0.0 | 82 | 0 | 4,420 | 0 | 4,420 |
| 1116+50 | 50.00 | 38.3 | 0.0 | 75 | 0 | 4,496 | 0 | 4,496 |
| 1117+00 | 50.00 | 34.4 | 0.0 | 67 | 0 | 4,563 | 0 | 4,563 |
| 1117+50 | 50.00 | 30.4 | 0.0 | 60 | 0 | 4,623 | 0 | 4,623 |
| 1118+00 | 50.00 | 27.5 | 0.0 | 54 | 0 | 4,677 | 0 | 4,677 |
| 1118+50 | 50.00 | 24.6 | 0.0 | 48 | 0 | 4,725 | 0 | 4,725 |
| 1119+00 | 50.00 | 21.8 | 0.0 | 43 | 0 | 4,768 | 0 | 4,768 |
| 1119+50 | 50.00 | 17.0 | 0.0 | 36 | 0 | 4,804 | 0 | 4,804 |
| 1120+00 | 50.00 | 12.4 | 0.0 | 27 | 0 | 4,831 | 0 | 4,831 |
| 1120+50 | 50.00 | 13.0 | 0.0 | 24 | 0 | 4,855 | 0 | 4,855 |
| 1121+00 | 50.00 | 14.1 | 0.0 | 25 | 0 | 4,880 | 0 | 4,880 |
| 1121+50 | 50.00 | 15.9 | 0.0 | 28 | 0 | 4,908 | 0 | 4,908 |
| 1122+00 | 50.00 | 16.0 | 0.0 | 30 | 0 | 4,937 | 0 | 4,937 |
| 1122+50 | 50.00 | 16.8 | 0.0 | 30 | 0 | 4,967 | 0 | 4,967 |
| 1123+00 | 50.00 | 18.8 | 0.0 | 33 | 0 | 5,000 | 0 | 5,000 |
| 1123+50 | 50.00 | 18.7 | 0.0 | 35 | 0 | 5,035 | 0 | 5,035 |
| 1124+00 | 50.00 | 19.0 | 0.0 | 35 | 0 | 5,070 | 0 | 5,070 |
| 1124+50 | 50.00 | 20.6 | 0.0 | 37 | 0 | 5,107 | 0 | 5,107 |
| 1125+00 | 50.00 | 20.7 | 0.0 | 38 | 0 | 5,145 | 0 | 5,145 |
| 1125+50 | 50.00 | 19.6 | 0.0 | 37 | 0 | 5,182 | 0 | 5,182 |
| 1126+00 | 50.00 | 18.9 | 0.0 | 36 | 0 | 5,218 | 0 | 5,218 |
| 1126+50 | 50.00 | 16.4 | 0.0 | 33 | 0 | 5,251 | 0 | 5,251 |
| 1127+00 | 50.00 | 16.1 | 0.0 | 30 | 0 | 5,281 | 0 | 5,281 |
| 1127+50 | 50.00 | 16.4 | 0.0 | 30 | 0 | 5,311 | 0 | 5,311 |
| 1128+00 | 50.00 | 17.1 | 0.0 | 31 | 0 | 5,342 | 0 | 5,342 |
| 1128+50 | 50.00 | 15.0 | 0.0 | 30 | 0 | 5,371 | 0 | 5,371 |
| 1129+00 | 50.00 | 14.5 | 0.0 | 27 | 0 | 5,399 | 0 | 5,399 |
| 1129+50 | 50.00 | 13.9 | 0.0 | 26 | 0 | 5,425 | 0 | 5,425 |
| 1130+00 | 50.00 | 12.7 | 0.0 | 25 | 0 | 5,450 | 0 | 5,450 |
| 1130+50 | 50.00 | 12.8 | 0.0 | 24 | 0 | 5,473 | 0 | 5,473 |
| 1131+00 | 50.00 | 12.3 | 0.0 | 23 | 0 | 5,497 | 0 | 5,497 |
| 1131+50 | 50.00 | 11.5 | 0.0 | 22 | 0 | 5,519 | 0 | 5,519 |
| 1132+00 | 50.00 | 11.1 | 0.0 | 21 | 0 | 5,540 | 0 | 5,540 |
| 1132+50 | 50.00 | 12.1 | 0.0 | 21 | 0 | 5,561 | 0 | 5,561 |
| 1133+00 | 50.00 | 14.6 | 0.0 | 25 | 0 | 5,586 | 0 | 5,586 |
| 1133+50 | 50.00 | 23.1 | 0.0 | 35 | 0 | 5,621 | 0 | 5,621 |
| 1134+00 | 50.00 | 33.6 | 0.0 | 53 | 0 | 5,673 | 0 | 5,673 |
| 1134+50 | 50.00 | 45.5 | 0.0 | 73 | 0 | 5,746 | 0 | 5,746 |

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| | | IH 94 NORTHBOUND STAGE 3 | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | AREA (SF) | | Incremental Vol (CY) (Unadjusted) | | Cumulative Vol (CY) (Unadjusted) | | |
| | | Cut | Fill | Cut | Fill | Cut | Fill | Mass |
| STATION | Distance | | | | | 1.00 | 1.00 | Ordinate |
| 1135+00 | 50.00 | 56.5 | 0.0 | 94 | 0 | 5,841 | 0 | 5,841 |
| 1135+50 | 50.00 | 64.1 | 0.0 | 112 | 0 | 5,953 | 0 | 5,953 |
| 1136+00 | 50.00 | 70.2 | 0.0 | 124 | 0 | 6,077 | 0 | 6,077 |
| 1136+50 | 50.00 | 75.9 | 0.0 | 135 | 0 | 6,212 | 0 | 6,212 |
| 1137+00 | 50.00 | 78.7 | 0.0 | 143 | 0 | 6,355 | 0 | 6,355 |
| **IH 94 NORTHBOUND** | | | | **6,355** | **0** | **6,355** | **0** | **6,355** |

Addendum No. 01
ID 1030-25-79
Revised Sheet 344
May 16, 2018


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| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | EARTHWORK | SHEET 344 | E |
|---|---|---|---|---|---|

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ ORG DATE : _____ ORIGINATOR : DIST _ PLOT SCALE : 1:1

| | | IH 94 SOUTHBOUND STAGE 3 | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | AREA (SF) | | Incremental Vol (CY) (Unadjusted) | | Cumulative Vol (CY)(Unadjusted) | | |
| | | Cut | Fill | Cut | Fill | Cut | Fill | Mass |
| STATION | Distance | | | | | 1.00 | 1.00 | Ordinate |
| 1092+50 | 0.00 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| 1093+00 | 50.00 | 29.7 | 0.0 | 28 | 0 | 28 | 0 | 28 |
| 1093+50 | 50.00 | 29.5 | 0.0 | 55 | 0 | 82 | 0 | 82 |
| 1094+00 | 50.00 | 29.9 | 0.0 | 55 | 0 | 137 | 0 | 137 |
| 1094+50 | 50.00 | 29.7 | 0.0 | 55 | 0 | 193 | 0 | 193 |
| 1095+00 | 50.00 | 29.8 | 0.0 | 55 | 0 | 248 | 0 | 248 |
| 1095+50 | 50.00 | 29.4 | 0.0 | 55 | 0 | 302 | 0 | 302 |
| 1096+00 | 50.00 | 27.9 | 0.0 | 53 | 0 | 355 | 0 | 355 |
| 1096+50 | 50.00 | 28.1 | 0.0 | 52 | 0 | 407 | 0 | 407 |
| 1097+00 | 50.00 | 28.1 | 0.0 | 52 | 0 | 459 | 0 | 459 |
| 1097+50 | 50.00 | 28.1 | 0.0 | 52 | 0 | 511 | 0 | 511 |
| 1098+00 | 50.00 | 27.7 | 0.0 | 52 | 0 | 563 | 0 | 563 |
| 1098+50 | 50.00 | 29.6 | 0.0 | 53 | 0 | 616 | 0 | 616 |
| 1099+00 | 50.00 | 28.6 | 0.0 | 54 | 0 | 670 | 0 | 670 |
| 1099+50 | 50.00 | 28.2 | 0.0 | 53 | 0 | 723 | 0 | 723 |
| 1100+00 | 50.00 | 27.8 | 0.0 | 52 | 0 | 774 | 0 | 774 |
| 1100+50 | 50.00 | 26.5 | 0.0 | 50 | 0 | 825 | 0 | 825 |
| 1101+00 | 50.00 | 25.6 | 0.0 | 48 | 0 | 873 | 0 | 873 |
| 1101+50 | 50.00 | 25.4 | 0.0 | 47 | 0 | 920 | 0 | 920 |
| 1102+00 | 50.00 | 25.6 | 0.0 | 47 | 0 | 967 | 0 | 967 |
| 1102+50 | 50.00 | 24.9 | 0.0 | 47 | 0 | 1,014 | 0 | 1,014 |
| 1103+00 | 50.00 | 24.0 | 0.0 | 45 | 0 | 1,059 | 0 | 1,059 |
| 1103+50 | 50.00 | 23.4 | 0.0 | 44 | 0 | 1,103 | 0 | 1,103 |
| 1104+00 | 50.00 | 23.8 | 0.0 | 44 | 0 | 1,147 | 0 | 1,147 |
| 1104+50 | 50.00 | 25.5 | 0.0 | 46 | 0 | 1,193 | 0 | 1,193 |
| 1105+00 | 50.00 | 25.5 | 0.0 | 47 | 0 | 1,240 | 0 | 1,240 |
| 1105+50 | 50.00 | 26.7 | 0.0 | 48 | 0 | 1,288 | 0 | 1,288 |
| 1106+00 | 50.00 | 27.6 | 0.0 | 50 | 0 | 1,339 | 0 | 1,339 |
| 1106+50 | 50.00 | 27.2 | 0.0 | 51 | 0 | 1,389 | 0 | 1,389 |
| 1107+00 | 50.00 | 26.4 | 0.0 | 50 | 0 | 1,439 | 0 | 1,439 |
| 1107+50 | 50.00 | 26.7 | 0.0 | 49 | 0 | 1,488 | 0 | 1,488 |
| 1108+00 | 50.00 | 24.9 | 0.0 | 48 | 0 | 1,536 | 0 | 1,536 |
| 1108+50 | 50.00 | 23.3 | 0.0 | 45 | 0 | 1,580 | 0 | 1,580 |
| 1109+00 | 50.00 | 23.4 | 0.0 | 43 | 0 | 1,624 | 0 | 1,624 |
| 1109+50 | 50.00 | 23.7 | 0.0 | 44 | 0 | 1,667 | 0 | 1,667 |
| 1110+00 | 50.00 | 25.5 | 0.0 | 46 | 0 | 1,713 | 0 | 1,713 |
| 1110+50 | 50.00 | 26.0 | 0.0 | 48 | 0 | 1,761 | 0 | 1,761 |
| 1111+00 | 50.00 | 26.5 | 0.0 | 49 | 0 | 1,809 | 0 | 1,809 |
| 1111+50 | 50.00 | 26.6 | 0.0 | 49 | 0 | 1,858 | 0 | 1,858 |
| 1112+00 | 50.00 | 26.1 | 0.0 | 49 | 0 | 1,907 | 0 | 1,907 |
| 1112+50 | 50.00 | 25.8 | 0.0 | 48 | 0 | 1,955 | 0 | 1,955 |
| 1113+00 | 50.00 | 25.8 | 0.0 | 48 | 0 | 2,003 | 0 | 2,003 |
| 1113+50 | 50.00 | 25.6 | 0.0 | 48 | 0 | 2,051 | 0 | 2,051 |
| 1114+00 | 50.00 | 24.8 | 0.0 | 47 | 0 | 2,097 | 0 | 2,097 |
| 1114+50 | 50.00 | 24.4 | 0.0 | 46 | 0 | 2,143 | 0 | 2,143 |

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| | | IH 94 SOUTHBOUND STAGE 3 | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | AREA (SF) | | Incremental Vol (CY) (Unadjusted) | | Cumulative Vol (CY)(Unadjusted) | | |
| | | Cut | Fill | Cut | Fill | Cut | Fill | Mass |
| STATION | Distance | | | | | 1.00 | 1.00 | Ordinate |
| 1115+00 | 50.00 | 24.4 | 0.0 | 45 | 0 | 2,188 | 0 | 2,188 |
| 1115+50 | 50.00 | 24.2 | 0.0 | 45 | 0 | 2,233 | 0 | 2,233 |
| 1116+00 | 50.00 | 23.2 | 0.0 | 44 | 0 | 2,277 | 0 | 2,277 |
| 1116+50 | 50.00 | 21.3 | 0.0 | 41 | 0 | 2,318 | 0 | 2,318 |
| 1117+00 | 50.00 | 20.1 | 0.0 | 38 | 0 | 2,356 | 0 | 2,356 |
| 1117+50 | 50.00 | 18.5 | 0.0 | 36 | 0 | 2,392 | 0 | 2,392 |
| 1118+00 | 50.00 | 16.9 | 0.0 | 33 | 0 | 2,425 | 0 | 2,425 |
| 1118+50 | 50.00 | 15.0 | 0.0 | 30 | 0 | 2,454 | 0 | 2,454 |
| 1119+00 | 50.00 | 14.2 | 0.0 | 27 | 0 | 2,481 | 0 | 2,481 |
| 1119+50 | 50.00 | 13.7 | 0.0 | 26 | 0 | 2,507 | 0 | 2,507 |
| 1120+00 | 50.00 | 10.0 | 0.0 | 22 | 0 | 2,529 | 0 | 2,529 |
| 1120+50 | 50.00 | 10.4 | 0.0 | 19 | 0 | 2,548 | 0 | 2,548 |
| 1121+00 | 50.00 | 10.6 | 0.0 | 19 | 0 | 2,568 | 0 | 2,568 |
| 1121+50 | 50.00 | 11.0 | 0.0 | 20 | 0 | 2,588 | 0 | 2,588 |
| 1122+00 | 50.00 | 12.3 | 0.0 | 22 | 0 | 2,609 | 0 | 2,609 |
| 1122+50 | 50.00 | 12.7 | 0.0 | 23 | 0 | 2,632 | 0 | 2,632 |
| 1123+00 | 50.00 | 12.7 | 0.0 | 24 | 0 | 2,656 | 0 | 2,656 |
| 1123+50 | 50.00 | 13.3 | 0.0 | 24 | 0 | 2,680 | 0 | 2,680 |
| 1124+00 | 50.00 | 13.7 | 0.0 | 25 | 0 | 2,705 | 0 | 2,705 |
| 1124+50 | 50.00 | 13.9 | 0.0 | 26 | 0 | 2,730 | 0 | 2,730 |
| 1125+00 | 50.00 | 13.7 | 0.0 | 26 | 0 | 2,756 | 0 | 2,756 |
| 1125+50 | 50.00 | 13.4 | 0.0 | 25 | 0 | 2,781 | 0 | 2,781 |
| 1126+00 | 50.00 | 13.1 | 0.0 | 25 | 0 | 2,806 | 0 | 2,806 |
| 1126+50 | 50.00 | 12.7 | 0.0 | 24 | 0 | 2,830 | 0 | 2,830 |
| 1127+00 | 50.00 | 12.6 | 0.0 | 23 | 0 | 2,853 | 0 | 2,853 |
| 1127+50 | 50.00 | 12.6 | 0.0 | 23 | 0 | 2,876 | 0 | 2,876 |
| 1128+00 | 50.00 | 12.2 | 0.0 | 23 | 0 | 2,899 | 0 | 2,899 |
| 1128+50 | 50.00 | 11.3 | 0.0 | 22 | 0 | 2,921 | 0 | 2,921 |
| 1129+00 | 50.00 | 11.2 | 0.0 | 21 | 0 | 2,942 | 0 | 2,942 |
| 1129+50 | 50.00 | 11.5 | 0.0 | 21 | 0 | 2,963 | 0 | 2,963 |
| 1130+00 | 50.00 | 10.9 | 0.0 | 21 | 0 | 2,984 | 0 | 2,984 |
| 1130+50 | 50.00 | 11.7 | 0.0 | 21 | 0 | 3,005 | 0 | 3,005 |
| 1131+00 | 50.00 | 12.0 | 0.0 | 22 | 0 | 3,026 | 0 | 3,026 |
| 1131+50 | 50.00 | 12.1 | 0.0 | 22 | 0 | 3,049 | 0 | 3,049 |
| 1132+00 | 50.00 | 9.1 | 0.0 | 20 | 0 | 3,068 | 0 | 3,068 |
| 1132+50 | 50.00 | 11.4 | 0.0 | 19 | 0 | 3,087 | 0 | 3,087 |
| 1133+00 | 50.00 | 12.5 | 0.0 | 22 | 0 | 3,110 | 0 | 3,110 |
| 1133+50 | 50.00 | 14.0 | 0.0 | 25 | 0 | 3,134 | 0 | 3,134 |
| 1134+00 | 50.00 | 17.9 | 0.0 | 30 | 0 | 3,164 | 0 | 3,164 |
| 1134+50 | 50.00 | 23.4 | 0.0 | 38 | 0 | 3,202 | 0 | 3,202 |

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| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | EARTHWORK | SHEET 346 | E |
|---|---|---|---|---|---|

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ ORG DATE : _____ ORIGINATOR : DIST _ PLOT SCALE : 1:1

| | | IH 94 SOUTHBOUND STAGE 3 | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | AREA (SF) | | Incremental Vol (CY) (Unadjusted) | | Cumulative Vol (CY)(Unadjusted) | | |
| | | Cut | Fill | Cut | Fill | Cut | Fill | Mass |
| STATION | Distance | | | | | 1.00 | 1.00 | Ordinate |
| 1135+00 | 50.00 | 27.7 | 0.0 | 47 | 0 | 3,249 | 0 | 3,249 |
| 1135+50 | 50.00 | 29.8 | 0.0 | 53 | 0 | 3,302 | 0 | 3,302 |
| 1136+00 | 50.00 | 30.5 | 0.0 | 56 | 0 | 3,358 | 0 | 3,358 |
| 1136+50 | 50.00 | 31.3 | 0.0 | 57 | 0 | 3,415 | 0 | 3,415 |
| 1137+00 | 50.00 | 31.9 | 0.0 | 59 | 0 | 3,474 | 0 | 3,474 |
| **IH 94 SOUTHBOUND** | | | | **3,474** | **0** | **3,474** | **0** | **3,474** |

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Revised Sheet 347
May 16, 2018

| | | IH 94 SOUTHBOUND STAGE 4 | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | AREA (SF) | | Incremental Vol (CY) (Unadjusted) | | Cumulative Vol (CY)(Unadjusted) | | |
| | | Cut | Fill | Cut | Fill | Cut | Fill | Mass |
| STATION | Distance | | | | | 1.00 | 1.00 | Ordinate |
| 1092+50 | 0.00 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| 1093+00 | 50.00 | 106.7 | 136.8 | 99 | 127 | 99 | 127 | -28 |
| 1093+50 | 50.00 | 106.4 | 139.3 | 197 | 256 | 296 | 382 | -86 |
| 1094+00 | 50.00 | 106.9 | 133.9 | 198 | 253 | 494 | 635 | -142 |
| 1094+50 | 50.00 | 109.9 | 131.6 | 201 | 246 | 694 | 881 | -187 |
| 1095+00 | 50.00 | 109.3 | 129.7 | 203 | 242 | 897 | 1,123 | -226 |
| 1095+50 | 50.00 | 107.3 | 137.8 | 201 | 248 | 1,098 | 1,371 | -273 |
| 1096+00 | 50.00 | 105.4 | 185.3 | 197 | 299 | 1,295 | 1,670 | -375 |
| 1096+50 | 50.00 | 104.8 | 181.1 | 195 | 339 | 1,489 | 2,009 | -520 |
| 1097+00 | 50.00 | 105.6 | 182.2 | 195 | 336 | 1,684 | 2,346 | -661 |
| 1097+50 | 50.00 | 105.3 | 181.7 | 195 | 337 | 1,880 | 2,683 | -803 |
| 1098+00 | 50.00 | 106.8 | 171.8 | 196 | 327 | 2,076 | 3,010 | -934 |
| 1098+50 | 50.00 | 109.2 | 162.0 | 200 | 309 | 2,276 | 3,319 | -1,043 |
| 1099+00 | 50.00 | 113.1 | 162.8 | 206 | 301 | 2,482 | 3,620 | -1,138 |
| 1099+50 | 50.00 | 113.5 | 155.7 | 210 | 295 | 2,692 | 3,915 | -1,223 |
| 1100+00 | 50.00 | 114.4 | 149.0 | 211 | 282 | 2,903 | 4,197 | -1,294 |
| 1100+50 | 50.00 | 113.8 | 141.3 | 211 | 269 | 3,114 | 4,465 | -1,352 |
| 1101+00 | 50.00 | 116.2 | 144.4 | 213 | 265 | 3,327 | 4,730 | -1,403 |
| 1101+50 | 50.00 | 113.3 | 143.3 | 213 | 266 | 3,539 | 4,996 | -1,457 |
| 1102+00 | 50.00 | 114.0 | 135.6 | 210 | 258 | 3,750 | 5,255 | -1,505 |
| 1102+50 | 50.00 | 112.7 | 136.6 | 210 | 252 | 3,960 | 5,507 | -1,547 |
| 1103+00 | 50.00 | 110.1 | 138.0 | 206 | 254 | 4,166 | 5,761 | -1,595 |
| 1103+50 | 50.00 | 106.0 | 140.8 | 200 | 258 | 4,366 | 6,019 | -1,653 |
| 1104+00 | 50.00 | 107.5 | 140.7 | 198 | 261 | 4,564 | 6,280 | -1,716 |
| 1104+50 | 50.00 | 116.3 | 128.1 | 207 | 249 | 4,771 | 6,529 | -1,758 |
| 1105+00 | 50.00 | 122.3 | 87.7 | 221 | 200 | 4,992 | 6,728 | -1,736 |
| 1105+50 | 50.00 | 127.9 | 90.1 | 232 | 165 | 5,224 | 6,893 | -1,669 |
| 1106+00 | 50.00 | 130.4 | 76.0 | 239 | 154 | 5,463 | 7,047 | -1,584 |
| 1106+50 | 50.00 | 128.5 | 86.0 | 240 | 150 | 5,703 | 7,197 | -1,494 |
| 1107+00 | 50.00 | 129.8 | 87.0 | 239 | 160 | 5,942 | 7,357 | -1,415 |
| 1107+50 | 50.00 | 127.5 | 96.1 | 238 | 170 | 6,180 | 7,527 | -1,347 |
| 1108+00 | 50.00 | 118.8 | 75.3 | 228 | 159 | 6,408 | 7,685 | -1,277 |
| 1108+50 | 50.00 | 117.6 | 102.9 | 219 | 165 | 6,627 | 7,850 | -1,223 |
| 1109+00 | 50.00 | 117.4 | 103.7 | 218 | 191 | 6,844 | 8,042 | -1,197 |
| 1109+50 | 50.00 | 127.7 | 99.6 | 227 | 188 | 7,071 | 8,230 | -1,158 |
| 1110+00 | 50.00 | 153.5 | 98.5 | 260 | 183 | 7,332 | 8,413 | -1,081 |
| 1110+50 | 50.00 | 168.5 | 84.9 | 298 | 170 | 7,630 | 8,583 | -953 |
| 1111+00 | 50.00 | 118.9 | 1.2 | 266 | 80 | 7,896 | 8,663 | -767 |
| 1111+50 | 50.00 | 106.8 | 8.2 | 209 | 9 | 8,105 | 8,671 | -566 |
| 1112+00 | 50.00 | 97.2 | 15.8 | 189 | 22 | 8,294 | 8,694 | -400 |
| 1112+50 | 50.00 | 96.8 | 17.9 | 180 | 31 | 8,474 | 8,725 | -251 |
| 1113+00 | 50.00 | 94.3 | 16.4 | 177 | 32 | 8,650 | 8,757 | -106 |
| 1113+50 | 50.00 | 94.2 | 32.0 | 175 | 45 | 8,825 | 8,801 | 24 |
| 1114+00 | 50.00 | 91.8 | 24.6 | 172 | 52 | 8,997 | 8,854 | 143 |
| 1114+50 | 50.00 | 92.4 | 10.6 | 171 | 33 | 9,168 | 8,886 | 281 |

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| | | IH 94 SOUTHBOUND STAGE 4 | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | AREA (SF) | | Incremental Vol (CY) (Unadjusted) | | Cumulative Vol (CY)(Unadjusted) | | |
| | | Cut | Fill | Cut | Fill | Cut | Fill | Mass |
| STATION | Distance | | | | | 1.00 | 1.00 | Ordinate |
| 1115+00 | 50.00 | 201.2 | 0.0 | 272 | 10 | 9,440 | 8,896 | 543 |
| 1115+50 | 50.00 | 90.2 | 30.8 | 270 | 29 | 9,709 | 8,925 | 785 |
| 1116+00 | 50.00 | 82.4 | 20.2 | 160 | 47 | 9,869 | 8,972 | 897 |
| 1116+50 | 50.00 | 77.4 | 21.6 | 148 | 39 | 10,017 | 9,011 | 1,006 |
| 1117+00 | 50.00 | 68.9 | 22.4 | 135 | 41 | 10,153 | 9,051 | 1,101 |
| 1117+50 | 50.00 | 64.0 | 16.5 | 123 | 36 | 10,276 | 9,088 | 1,188 |
| 1118+00 | 50.00 | 55.4 | 23.7 | 111 | 37 | 10,386 | 9,125 | 1,262 |
| 1118+50 | 50.00 | 48.7 | 31.0 | 96 | 51 | 10,483 | 9,175 | 1,307 |
| 1119+00 | 50.00 | 44.5 | 33.3 | 86 | 60 | 10,569 | 9,235 | 1,334 |
| 1119+50 | 50.00 | 38.9 | 37.0 | 77 | 65 | 10,646 | 9,300 | 1,346 |
| 1120+00 | 50.00 | 76.6 | 198.4 | 107 | 218 | 10,753 | 9,518 | 1,235 |
| 1120+50 | 50.00 | 59.0 | 137.2 | 126 | 311 | 10,879 | 9,829 | 1,050 |
| 1121+00 | 50.00 | 49.0 | 138.9 | 100 | 256 | 10,979 | 10,084 | 894 |
| 1121+50 | 50.00 | 68.0 | 118.7 | 108 | 239 | 11,087 | 10,323 | 764 |
| 1122+00 | 50.00 | 76.8 | 132.0 | 134 | 232 | 11,221 | 10,555 | 666 |
| 1122+50 | 50.00 | 71.8 | 126.1 | 138 | 239 | 11,359 | 10,794 | 565 |
| 1123+00 | 50.00 | 76.5 | 125.1 | 137 | 233 | 11,496 | 11,027 | 469 |
| 1123+50 | 50.00 | 77.4 | 9.5 | 143 | 125 | 11,639 | 11,151 | 487 |
| 1124+00 | 50.00 | 78.8 | 8.7 | 145 | 17 | 11,783 | 11,168 | 615 |
| 1124+50 | 50.00 | 67.4 | 10.4 | 135 | 18 | 11,919 | 11,186 | 733 |
| 1125+00 | 50.00 | 59.6 | 14.2 | 118 | 23 | 12,036 | 11,209 | 828 |
| 1125+50 | 50.00 | 52.1 | 36.1 | 103 | 47 | 12,140 | 11,255 | 884 |
| 1126+00 | 50.00 | 50.0 | 72.7 | 95 | 101 | 12,234 | 11,356 | 878 |
| 1126+50 | 50.00 | 48.4 | 93.7 | 91 | 154 | 12,325 | 11,510 | 815 |
| 1127+00 | 50.00 | 51.3 | 107.8 | 92 | 187 | 12,418 | 11,696 | 721 |
| 1127+50 | 50.00 | 50.0 | 123.3 | 94 | 214 | 12,511 | 11,910 | 601 |
| 1128+00 | 50.00 | 49.3 | 141.8 | 92 | 245 | 12,603 | 12,156 | 447 |
| 1128+50 | 50.00 | 47.0 | 157.6 | 89 | 277 | 12,692 | 12,433 | 259 |
| 1129+00 | 50.00 | 43.5 | 176.2 | 84 | 309 | 12,776 | 12,742 | 34 |
| 1129+50 | 50.00 | 40.7 | 192.8 | 78 | 342 | 12,854 | 13,084 | -230 |
| 1130+00 | 50.00 | 40.8 | 192.9 | 75 | 357 | 12,930 | 13,441 | -511 |
| 1130+50 | 50.00 | 40.7 | 185.1 | 75 | 350 | 13,005 | 13,791 | -786 |
| 1131+00 | 50.00 | 38.5 | 181.4 | 73 | 339 | 13,078 | 14,130 | -1,052 |
| 1131+50 | 50.00 | 35.9 | 169.0 | 69 | 324 | 13,147 | 14,455 | -1,308 |
| 1132+00 | 50.00 | 31.1 | 171.8 | 62 | 316 | 13,209 | 14,770 | -1,561 |
| 1132+50 | 50.00 | 42.8 | 149.8 | 68 | 298 | 13,278 | 15,068 | -1,790 |
| 1133+00 | 50.00 | 59.7 | 120.4 | 95 | 250 | 13,373 | 15,318 | -1,946 |
| 1133+50 | 50.00 | 78.8 | 102.2 | 128 | 206 | 13,501 | 15,524 | -2,024 |
| 1134+00 | 50.00 | 108.7 | 23.2 | 174 | 116 | 13,675 | 15,641 | -1,966 |
| 1134+50 | 50.00 | 136.3 | 7.5 | 227 | 28 | 13,901 | 15,669 | -1,768 |

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| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | EARTHWORK | SHEET 349 | E |
|---|---|---|---|---|---|

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ ORG DATE : _____ ORIGINATOR : DIST _ PLOT SCALE : 1:1

| | | IH 94 SOUTHBOUND STAGE 4 | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | AREA (SF) | | Incremental Vol (CY) (Unadjusted) | | Cumulative Vol (CY)(Unadjusted) | | |
| | | Cut | Fill | Cut | Fill | Cut | Fill | Mass |
| STATION | Distance | | | | | 1.00 | 1.00 | Ordinate |
| 1135+00 | 50.00 | 160.9 | 3.9 | 275 | 11 | 14,177 | 15,680 | -1,503 |
| 1135+50 | 50.00 | 174.5 | 2.8 | 311 | 6 | 14,487 | 15,686 | -1,199 |
| 1136+00 | 50.00 | 187.9 | 0.9 | 336 | 3 | 14,823 | 15,689 | -866 |
| 1136+50 | 50.00 | 195.7 | 0.3 | 355 | 1 | 15,178 | 15,690 | -512 |
| 1137+00 | 50.00 | 200.3 | 0.0 | 367 | 0 | 15,545 | 15,691 | -146 |
| **IH 94 SOUTHBOUND** | | | | **15,545** | **15,691** | **15,545** | **15,691** | **-146** |

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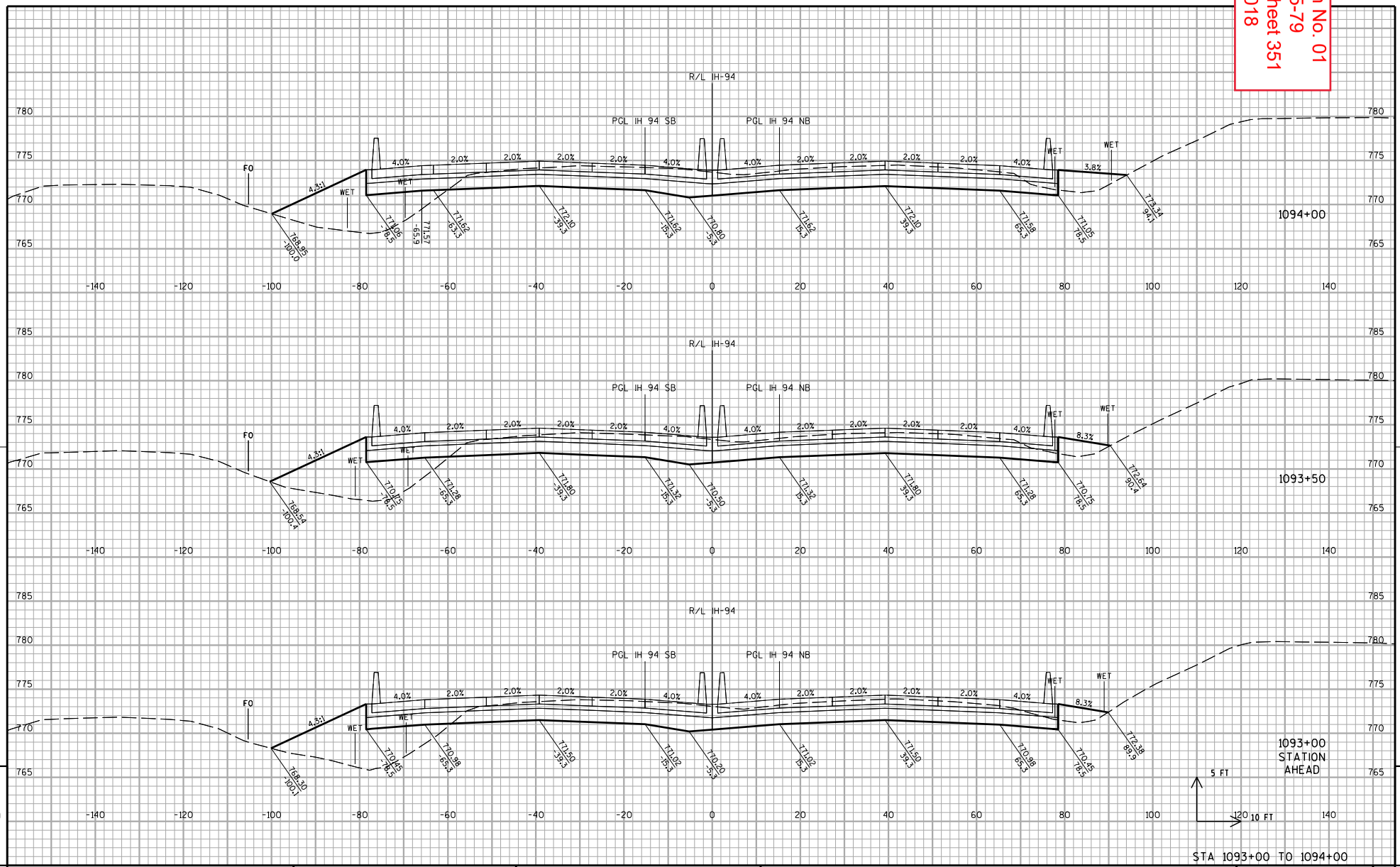
May 16, 2018

Addendum No. 01
ID 1030-25-79
Revised Sheet 351
May 16, 2018

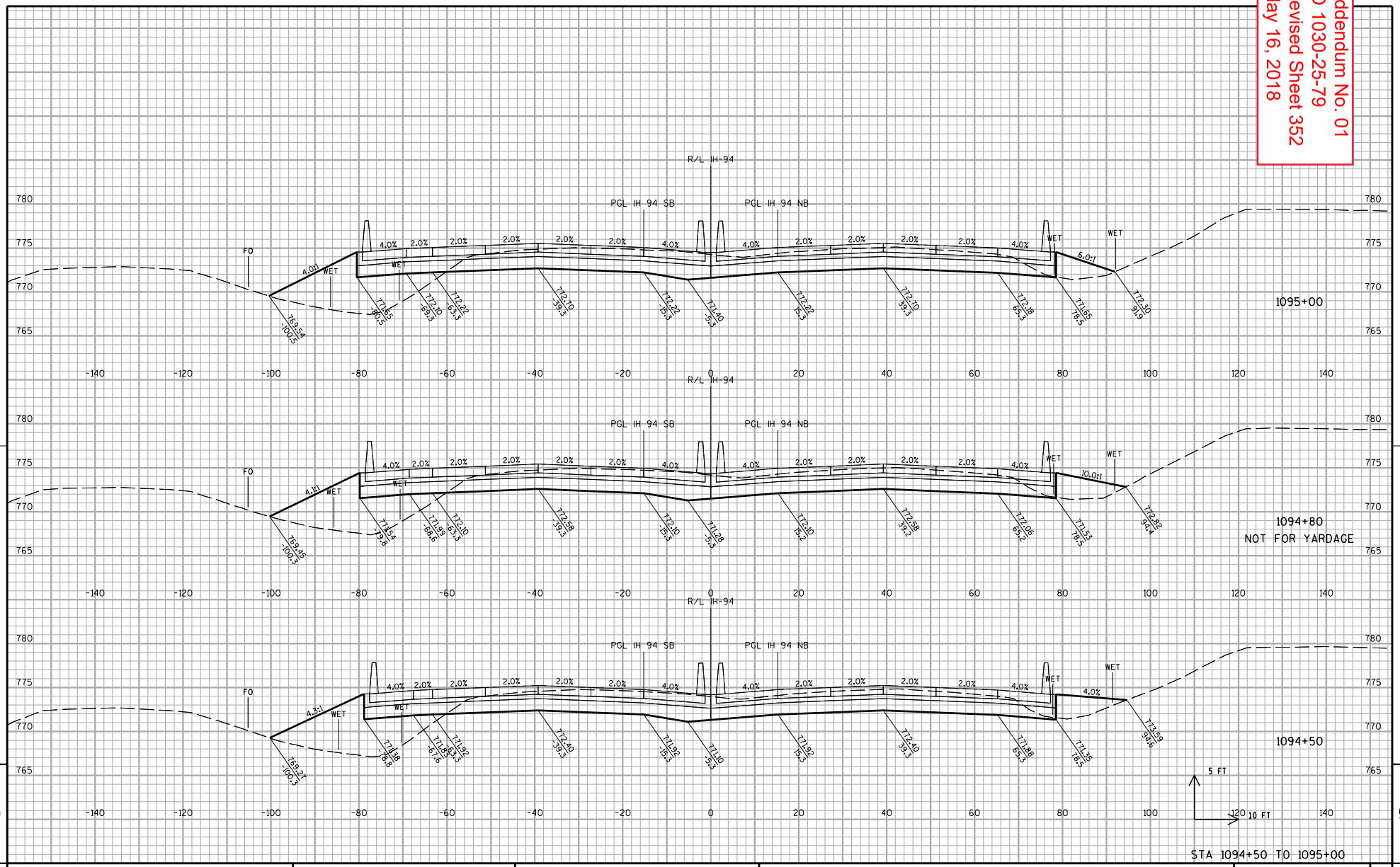



| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 351 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\090201b_xs_IH94.dgn | PLOT DATE : 5/14/2018 | PLOT BY : heather.stabo | PLOT NAME : $FILE$ | PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21

Addendum No. 01
ID 1030-25-79
Revised Sheet 352
May 16, 2018

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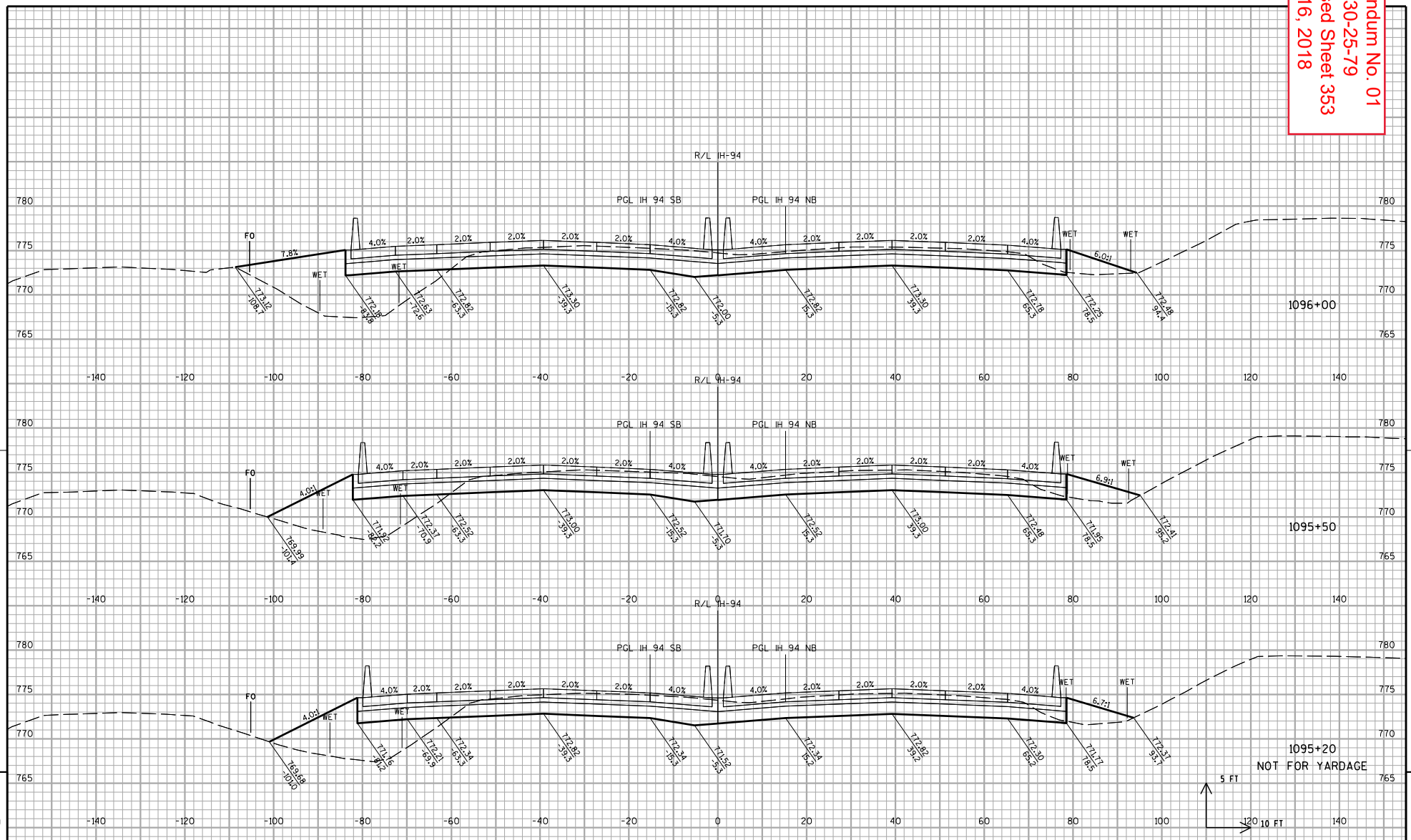
| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 352 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\090201b_xs_IH94.dgn | PLOT DATE : 5/14/2018 | PLOT BY : heather.stabo | PLOT NAME : $FILE$ | PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21

Addendum No. 01
ID 1030-25-79
Revised Sheet 353
May 16, 2018



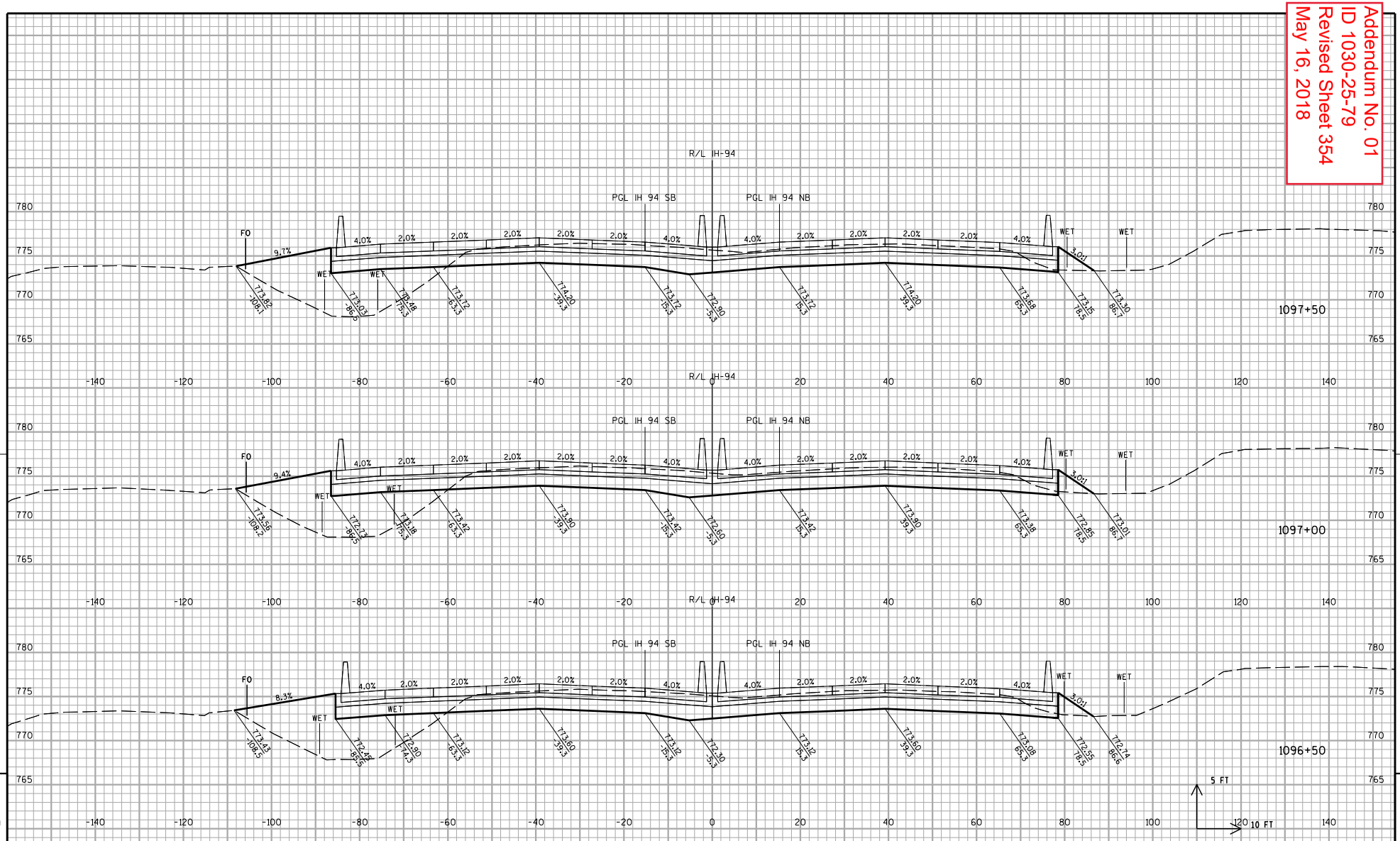

| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 353 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\090201b_xs_IH94.dgn | PLOT DATE : 5/14/2018 | PLOT BY : heather.stabo | PLOT NAME : $FILE$ | PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21

9 9

Addendum No. 01
ID 1030-25-79
Revised Sheet 354
May 16, 2018



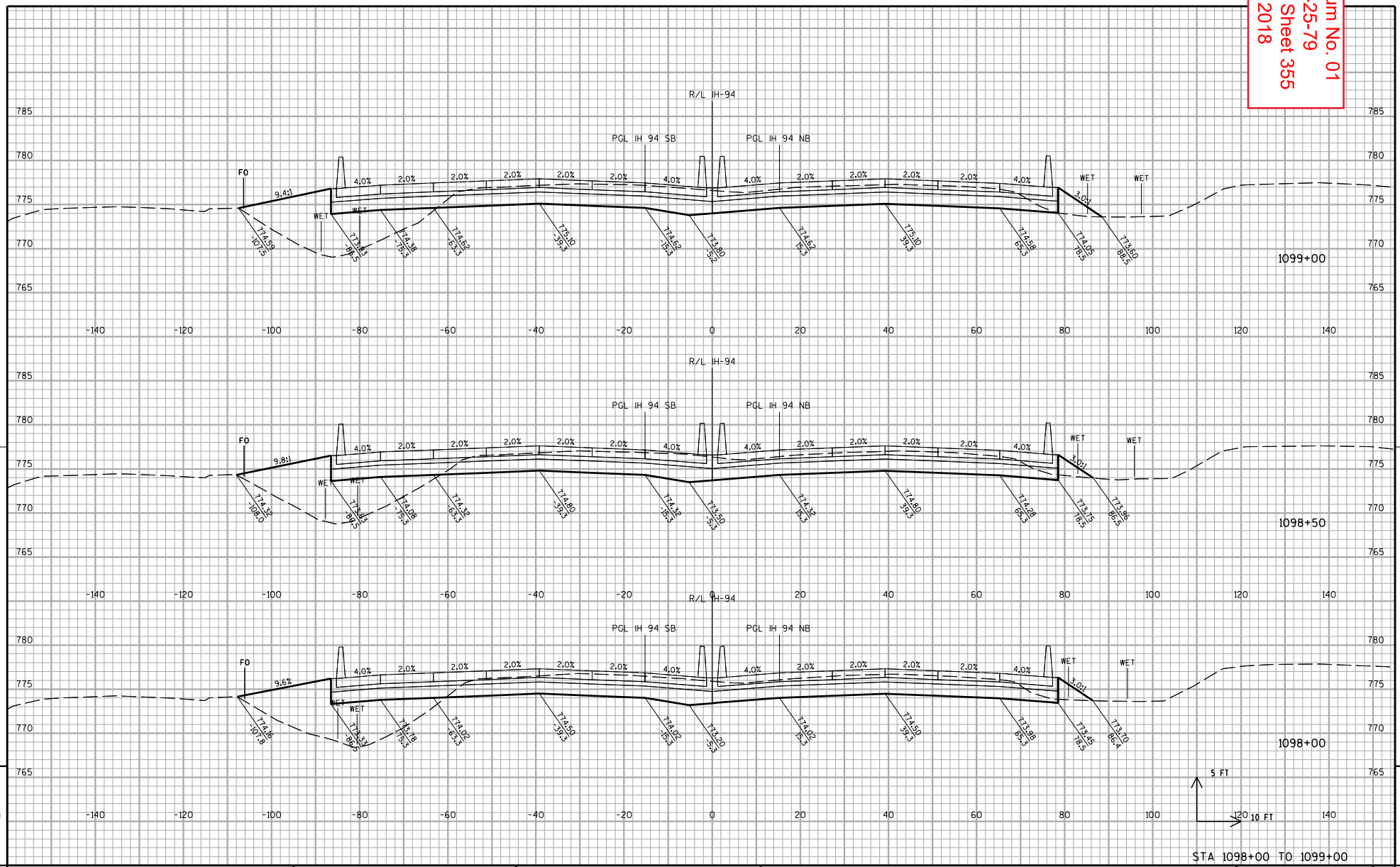

| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 354 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\090201b_xs_IH94.dgn | PLOT DATE : 5/14/2018 | PLOT BY : heather.stabo | PLOT NAME : $FILE$ | PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21

9 9

Addendum No. 01
ID 1030-25-79
Revised Sheet 355
May 16, 2018

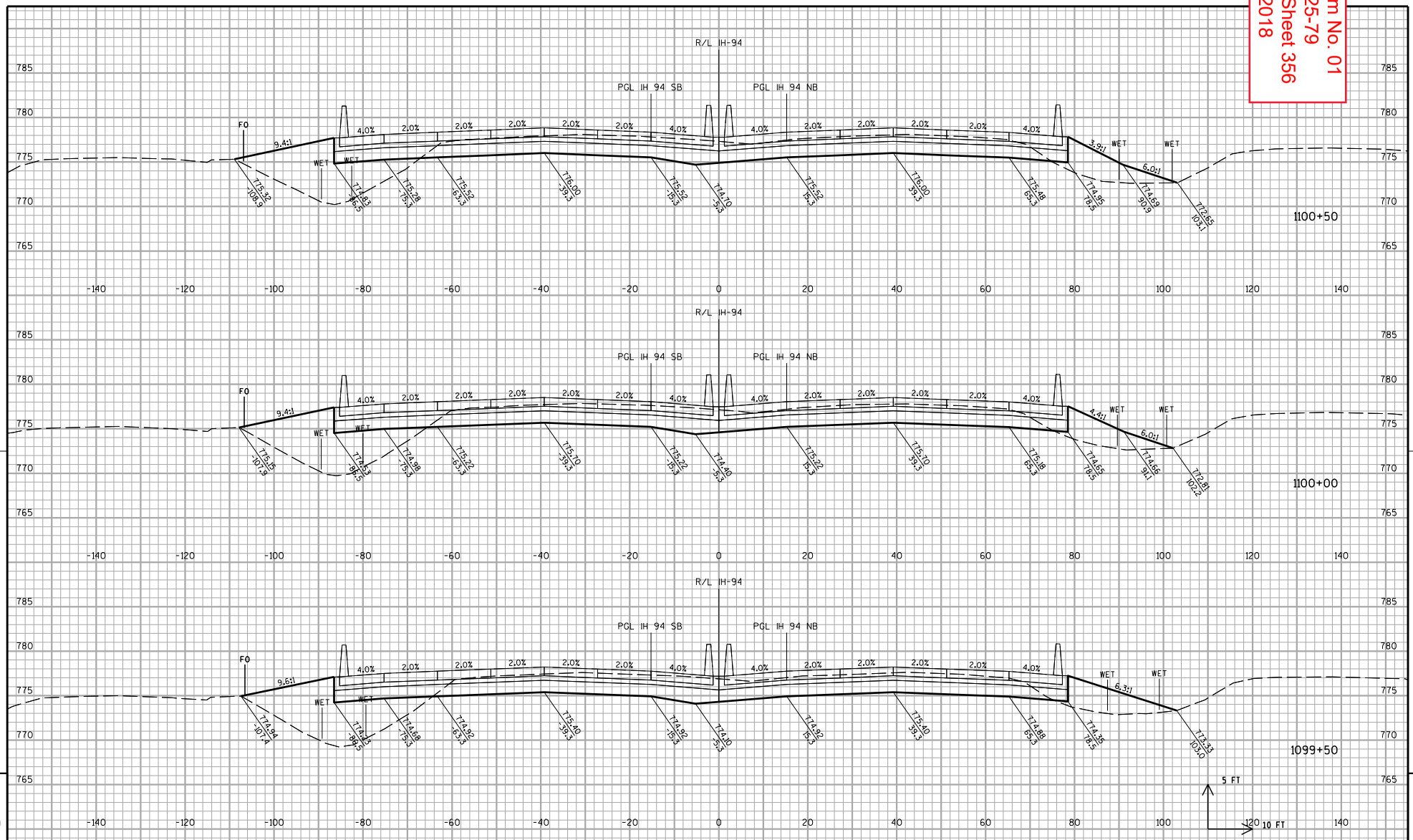



| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 355 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\090201b_xs_IH94.dgn PLOT DATE : 5/14/2018 PLOT BY : heather.stabo PLOT NAME : $FILE$ PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21

Addendum No. 01
ID 1030-25-79
Revised Sheet 356
May 16, 2018

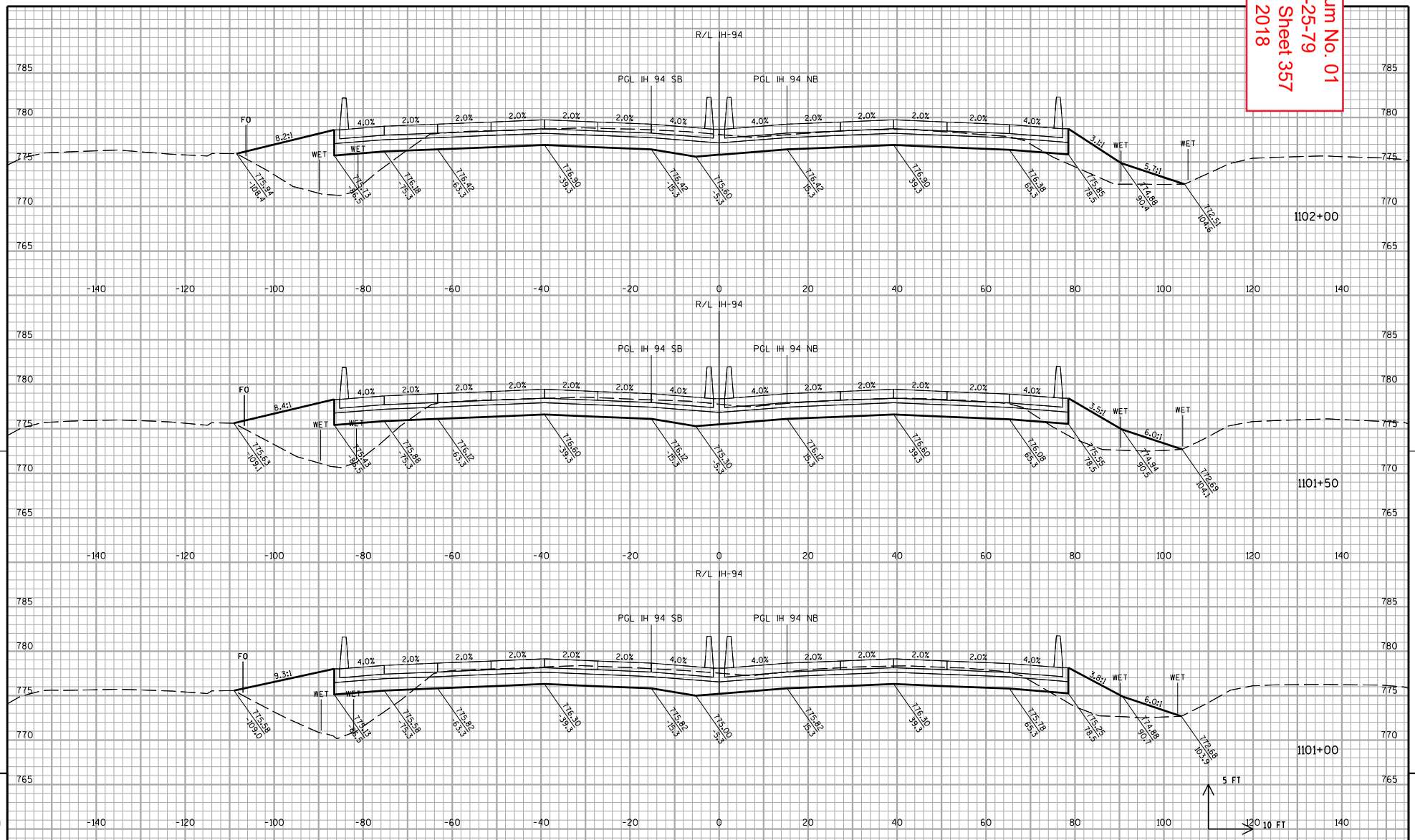



| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 356 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\090201b_xs_IH94.dgn PLOT DATE : 5/14/2018 PLOT BY : heather.stabo PLOT NAME : $FILE$ PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21

Addendum No. 01
ID 1030-25-79
Revised Sheet 357
May 16, 2018

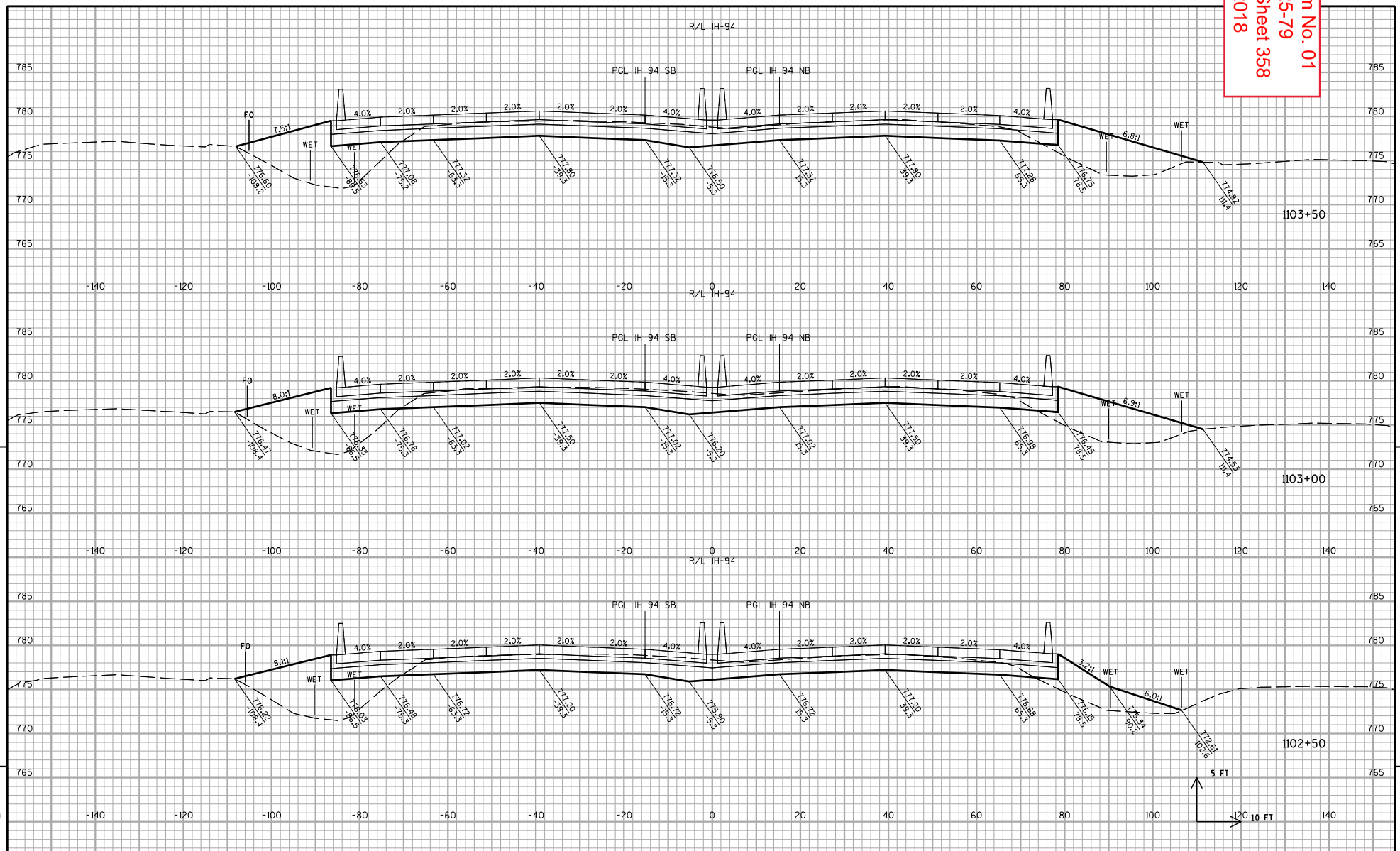



| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 357 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\090201b_xs_IH94.dgn | PLOT DATE : 5/14/2018 | PLOT BY : heather.stabo | PLOT NAME : $FILE$ | PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21

Addendum No. 01
ID 1030-25-79
Revised Sheet 358
May 16, 2018




| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 358 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\090201b_xs_IH94.dgn | PLOT DATE : 5/14/2018 | PLOT BY : heather.stabo | PLOT NAME : $FILE$ | PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21

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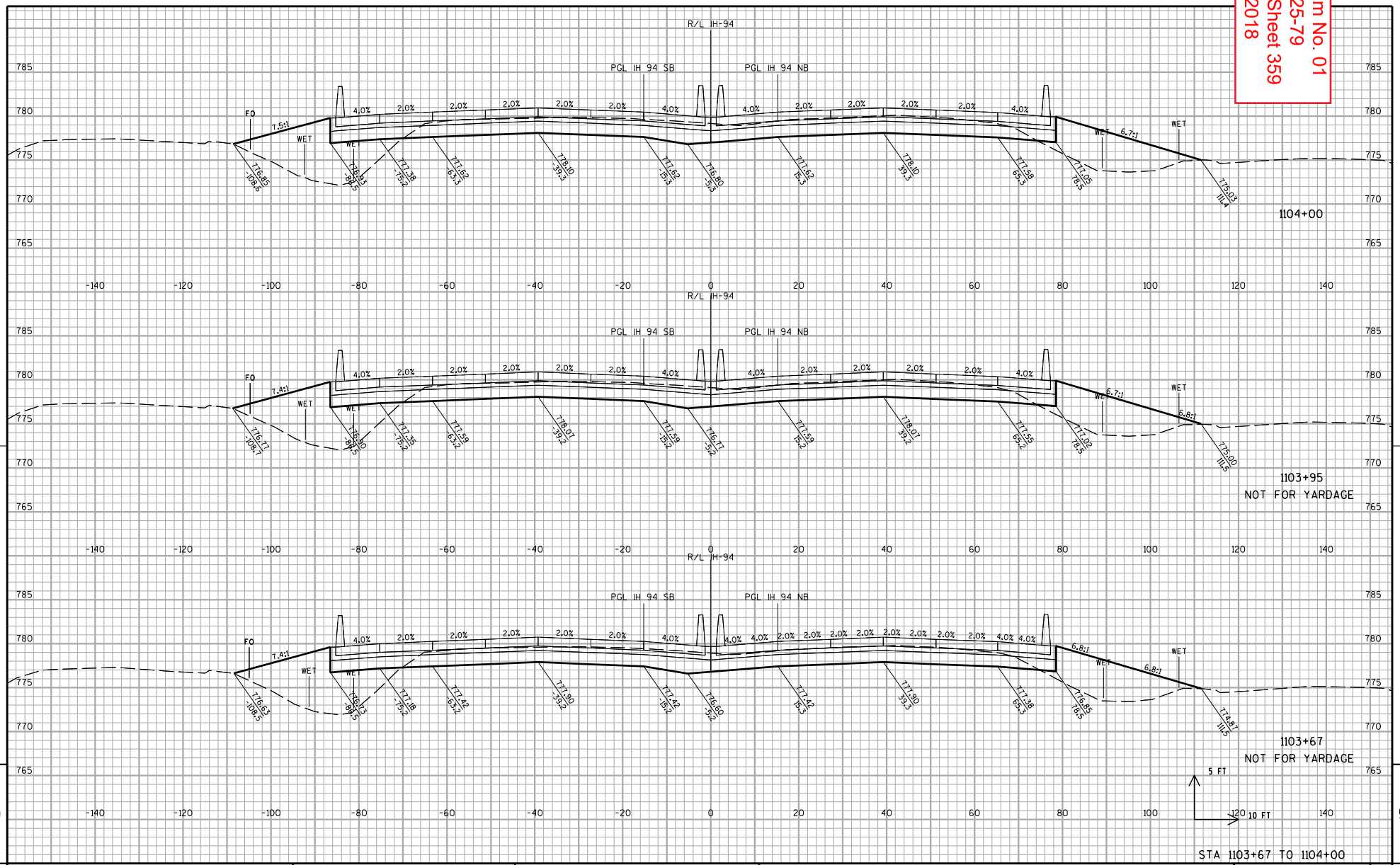
Addendum No. 01
ID 1030-25-79
Revised Sheet 359
May 16, 2018

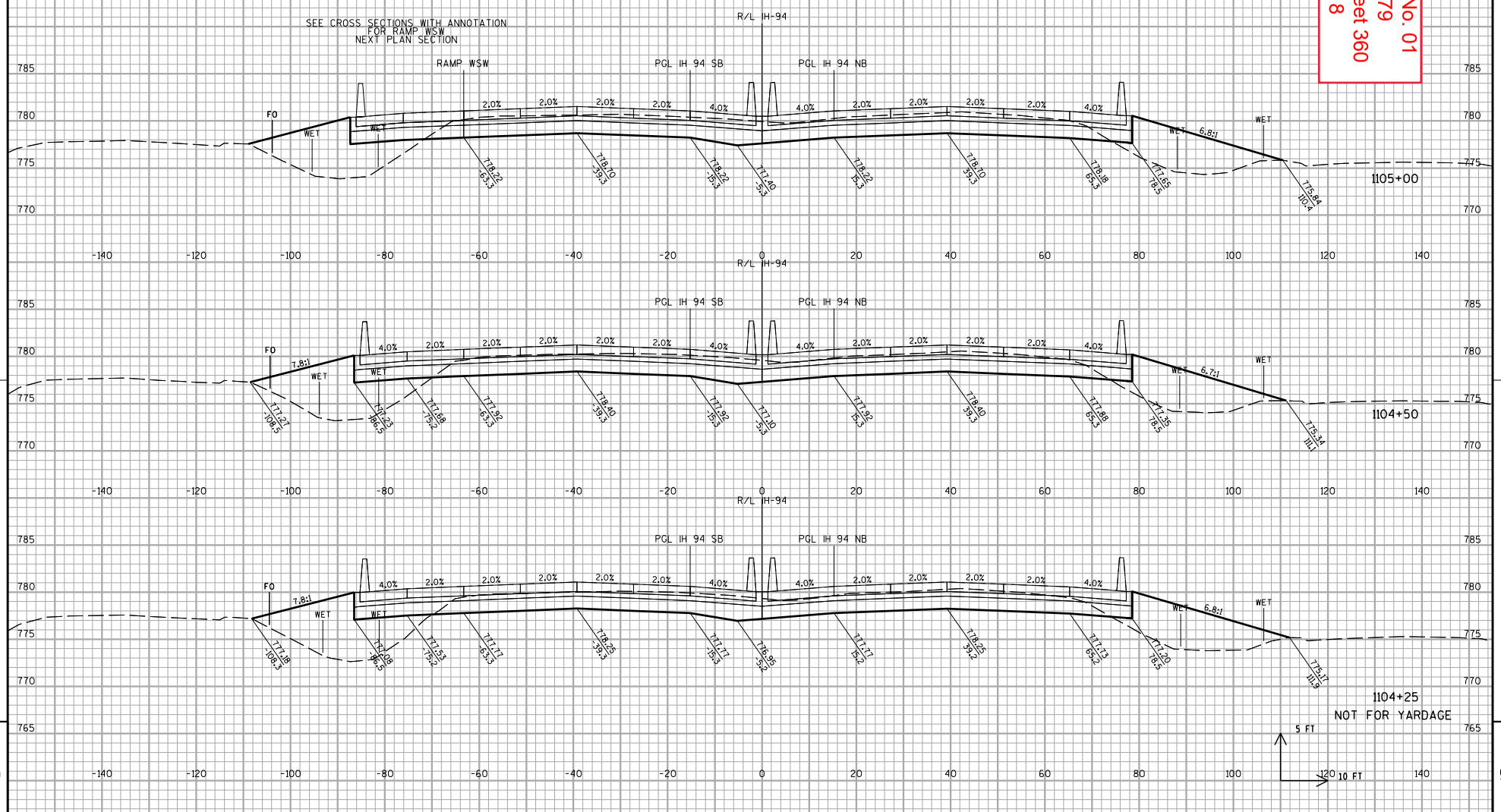



| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 359 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\090201b_xs_IH94.dgn PLOT DATE : 5/14/2018 PLOT BY : heather.stabo PLOT NAME : $FILE$ PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21

Addendum No. 01
ID 1030-25-79
Revised Sheet 360
May 16, 2018

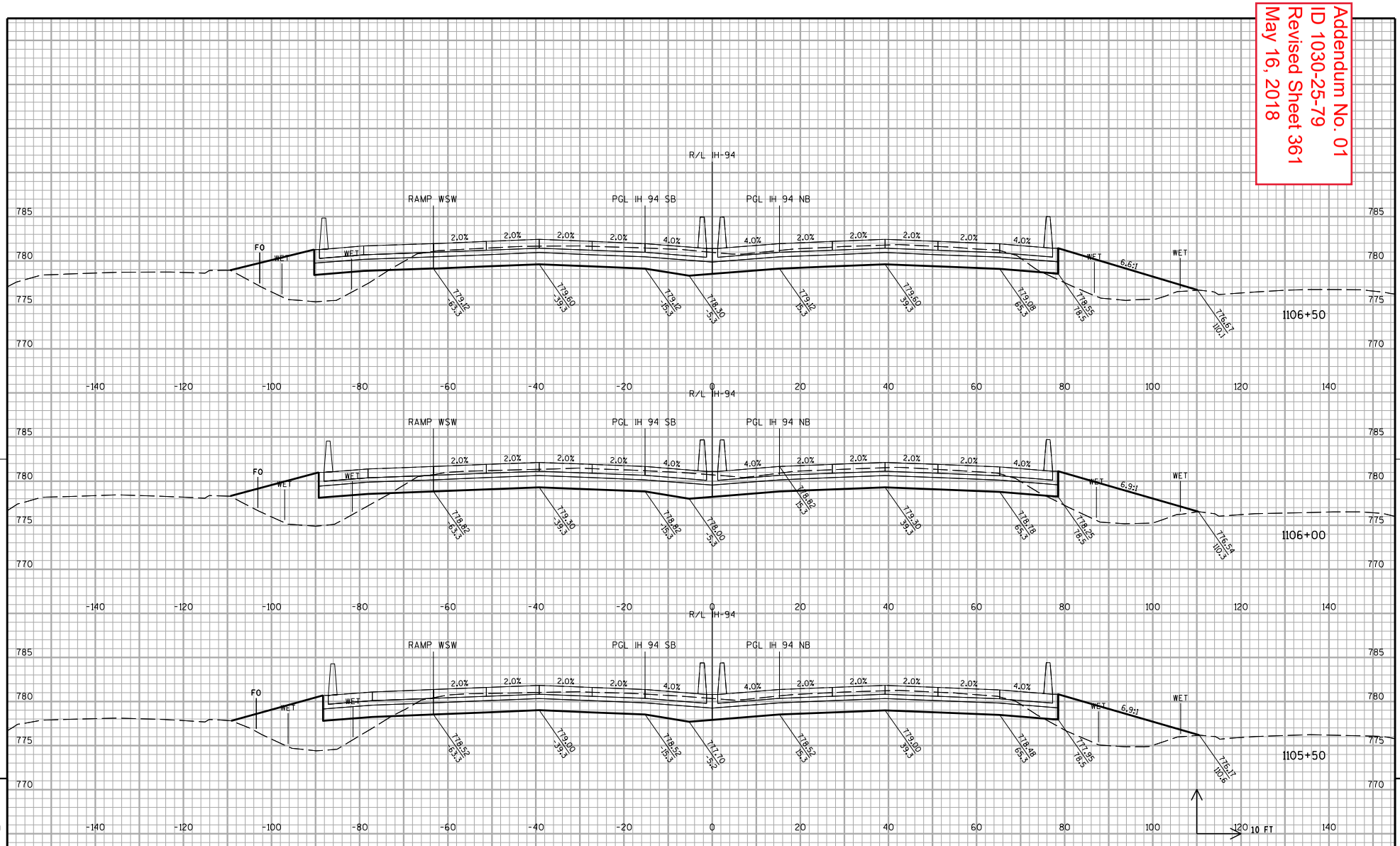



| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 360 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\090201b_xs_IH94.dgn PLOT DATE : 5/14/2018 PLOT BY : heather.stabo PLOT NAME : $FILE$ PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21

Addendum No. 01
ID 1030-25-79
Revised Sheet 361
May 16, 2018




STA 1105+50 TO 1106+50

| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 361 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\090201b_xs_IH94.dgn PLOT DATE : 5/14/2018 PLOT BY : heather.stabo PLOT NAME : $FILE$ PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21

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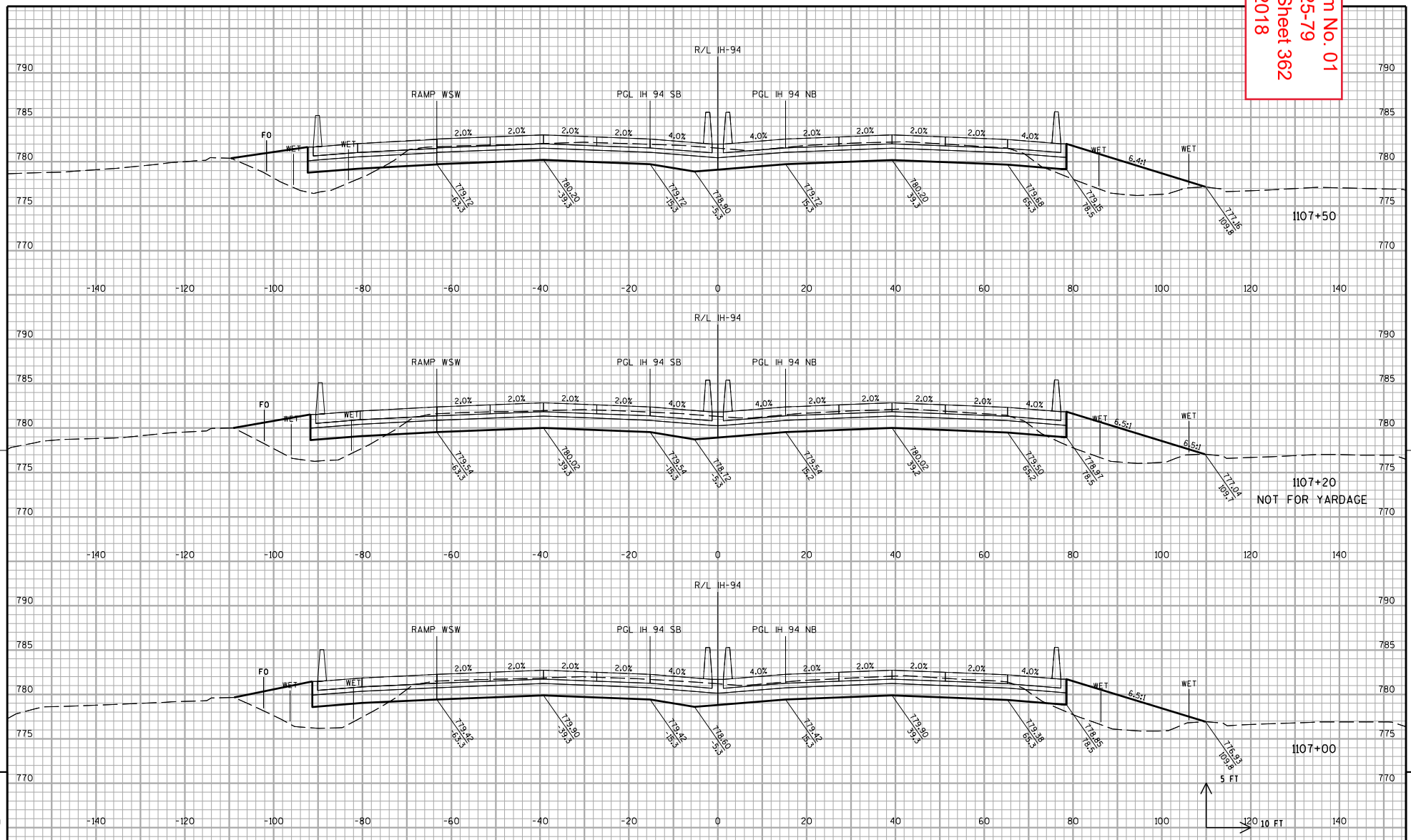
Addendum No. 01
ID 1030-25-79
Revised Sheet 362
May 16, 2018

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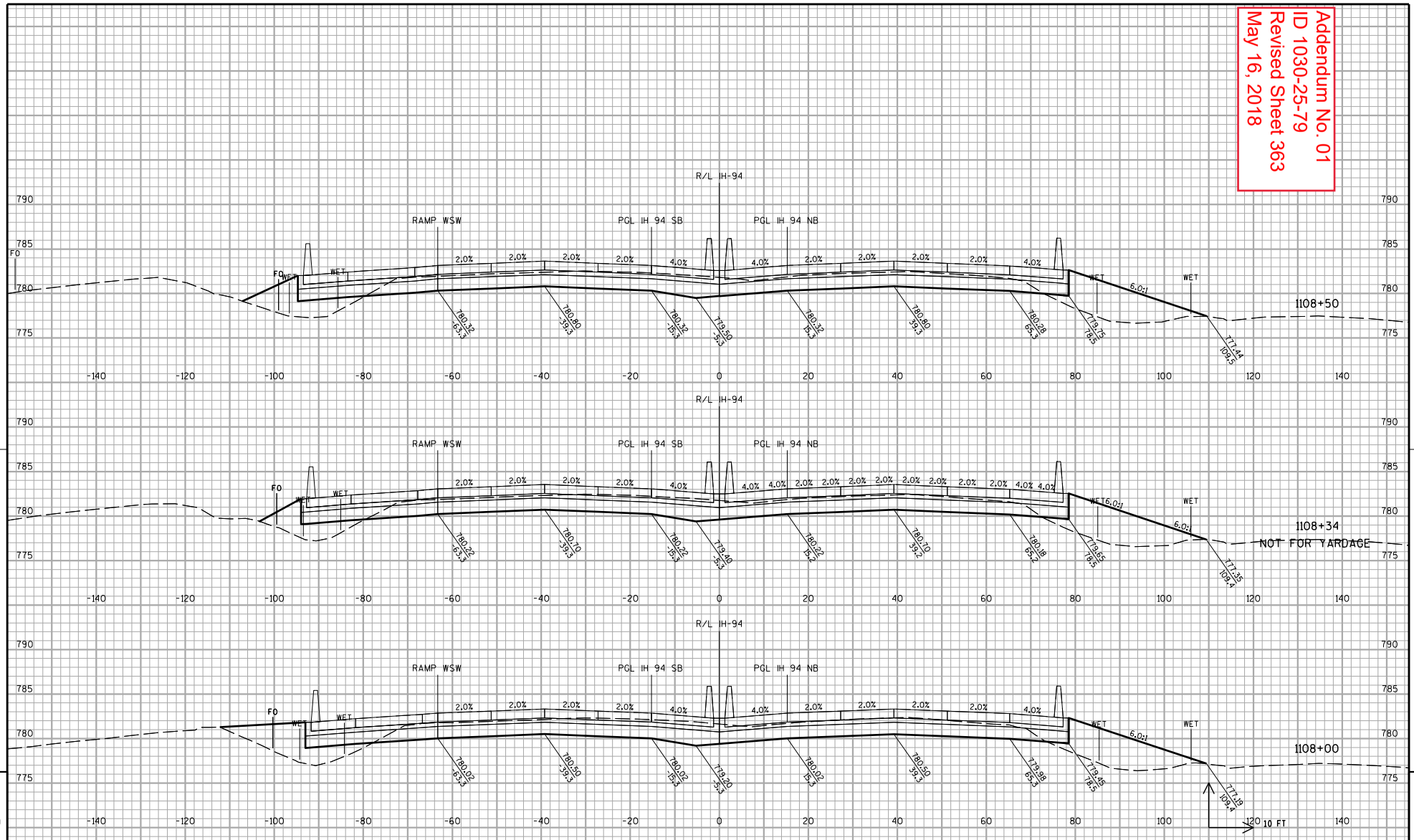
| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 362 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\090201b_xs_IH94.dgn PLOT DATE : 5/14/2018 PLOT BY : heather.stabo PLOT NAME : $FILE$ PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21

Addendum No. 01
ID 1030-25-79
Revised Sheet 363
May 16, 2018

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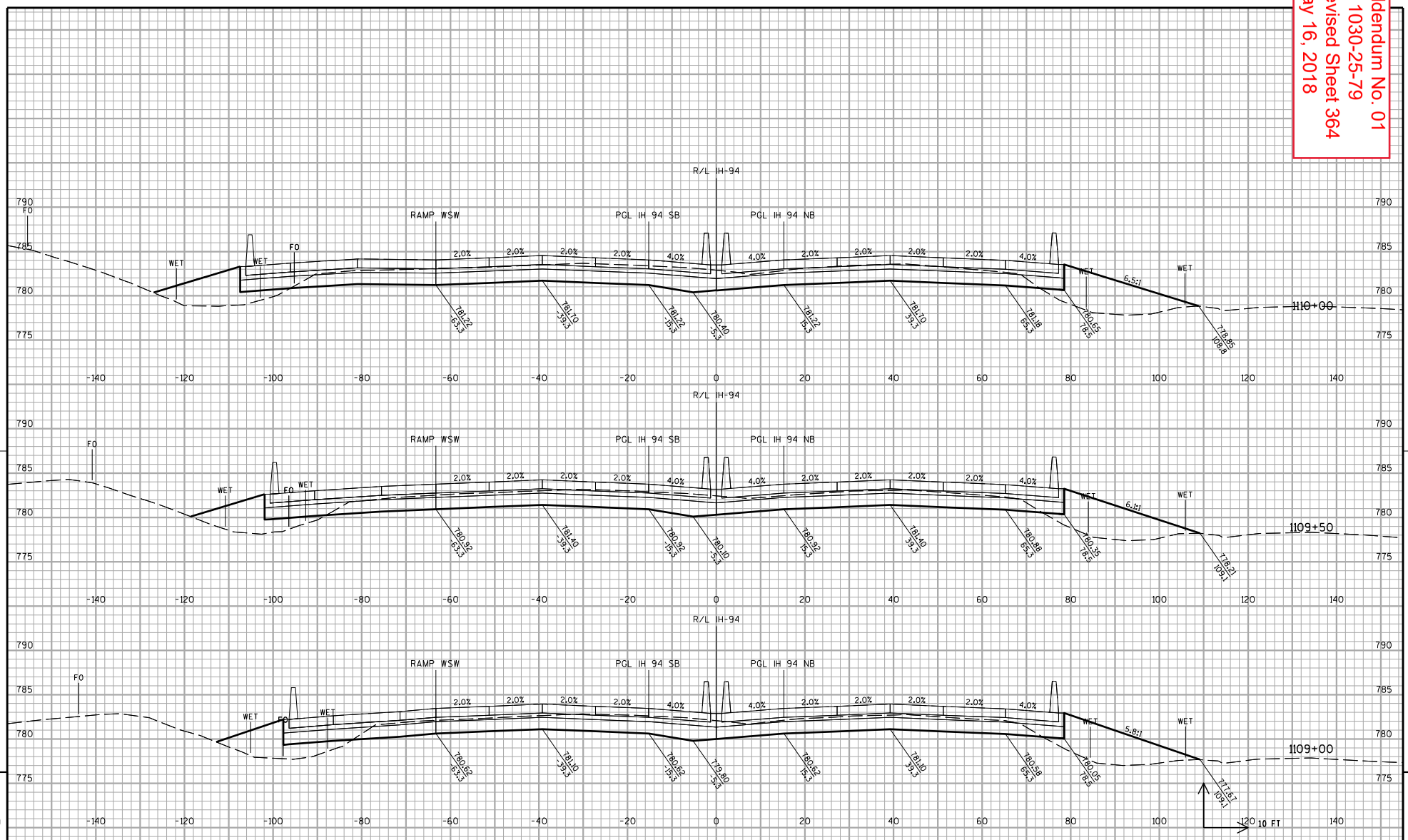
| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 363 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\090201b_xs_IH94.dgn PLOT DATE : 5/14/2018 PLOT BY : heather.stabo PLOT NAME : $FILE$ PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21

Addendum No. 01
ID 1030-25-79
Revised Sheet 364
May 16, 2018




STA 1109+00 TO 1110+00

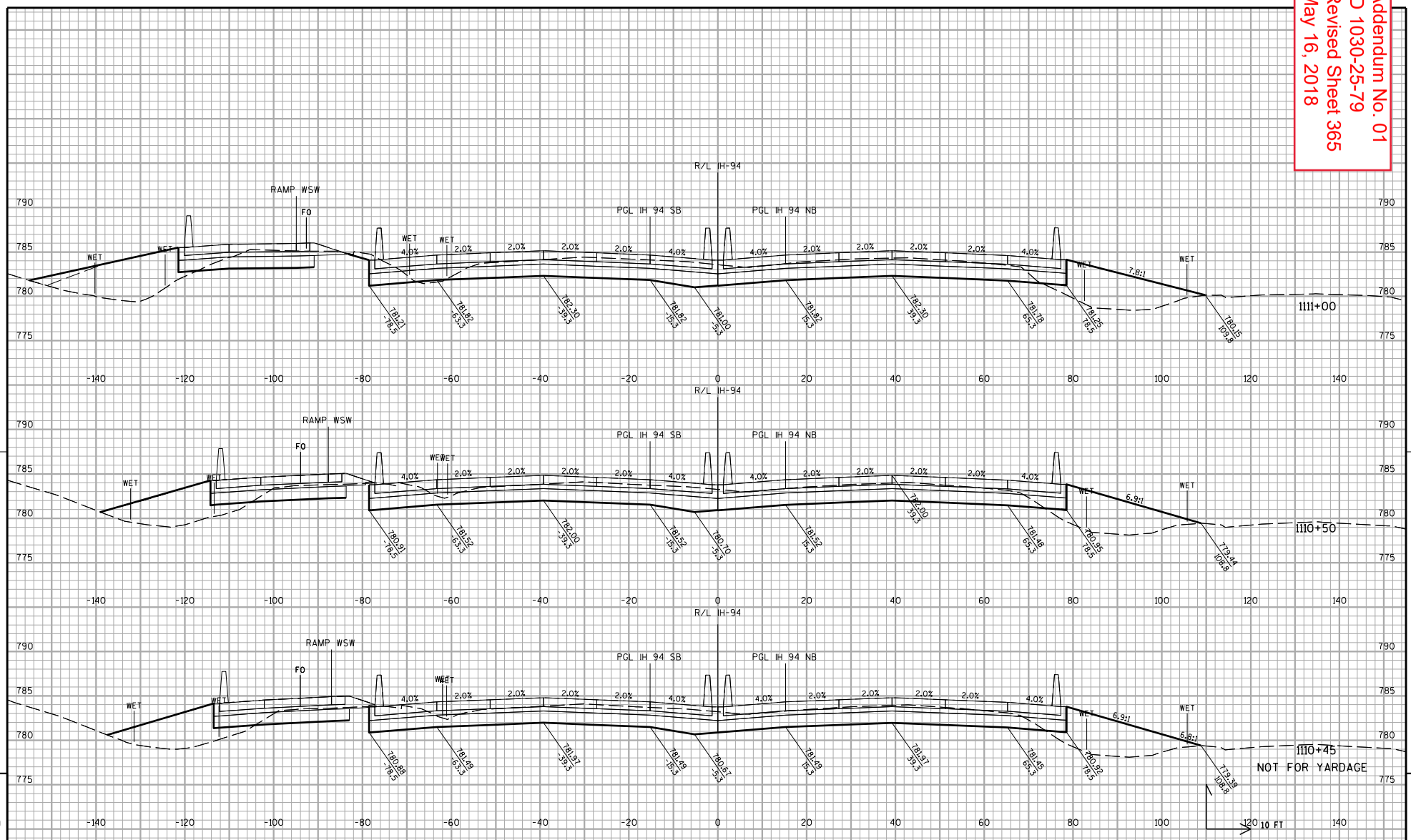
| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 364 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\090201b_xs_IH94.dgn | PLOT DATE : 5/14/2018 | PLOT BY : heather.stabo | PLOT NAME : $FILE$ | PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21

9 9

Addendum No. 01
ID 1030-25-79
Revised Sheet 365
May 16, 2018




STA 1110+45 TO 1111+00

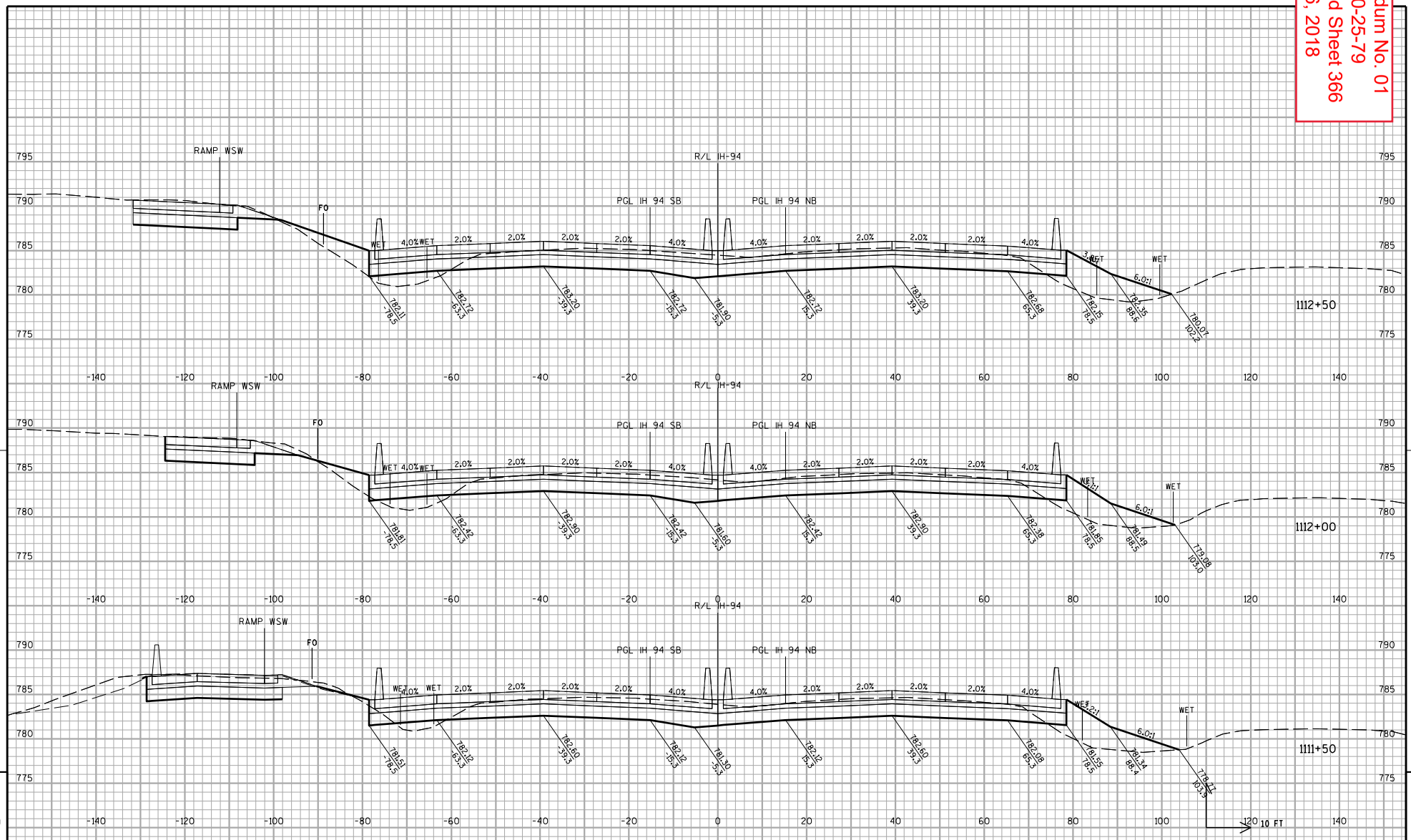
| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 365 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\090201b_xs_IH94.dgn PLOT DATE : 5/14/2018 PLOT BY : heather.stabo PLOT NAME : $FILE$ PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21

9 9

Addendum No. 01
ID 1030-25-79
Revised Sheet 366
May 16, 2018




STA 1111+50 TO 1112+50

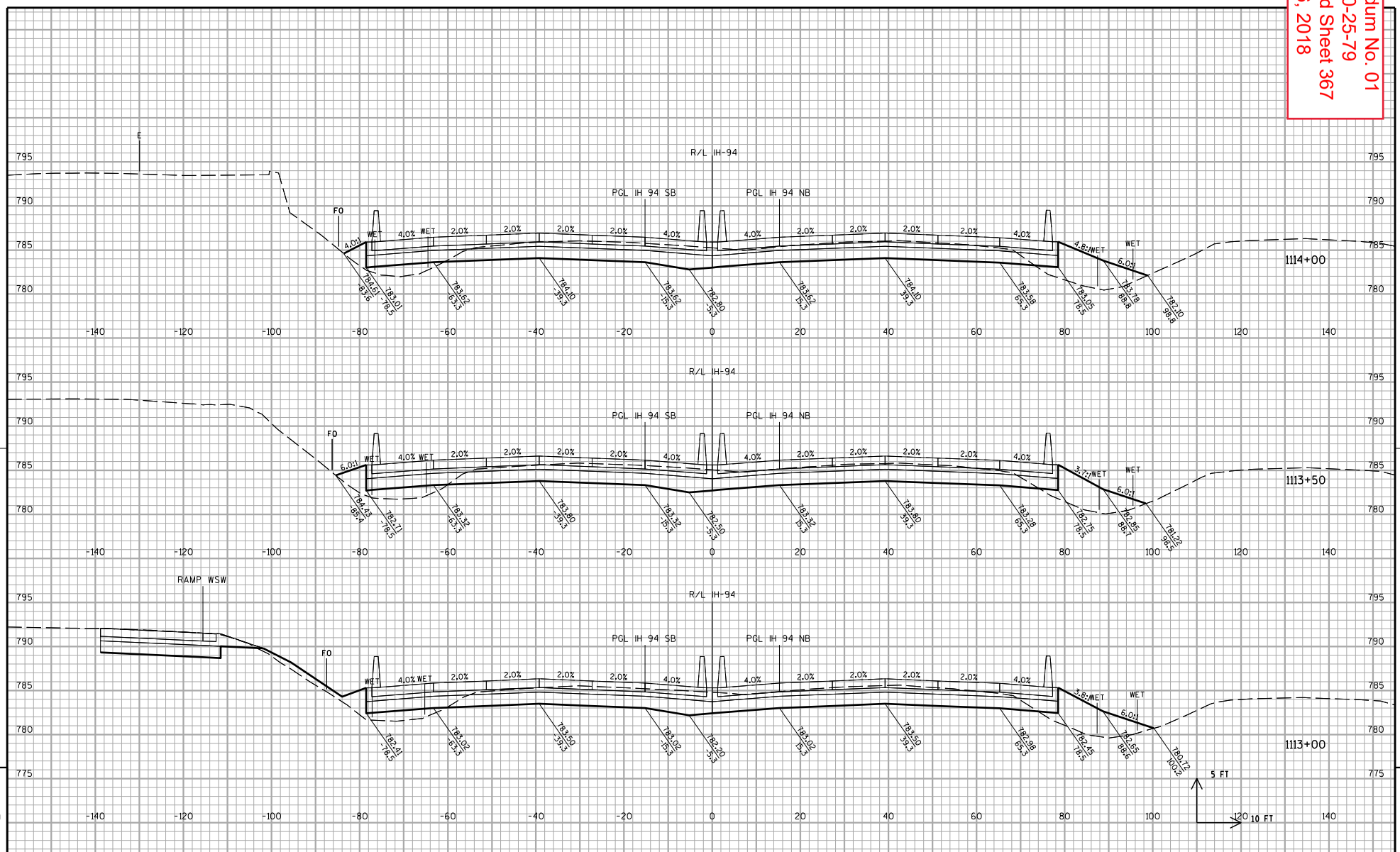
| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 366 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\090201b_xs_IH94.dgn | PLOT DATE : 5/14/2018 | PLOT BY : heather.stabo | PLOT NAME : $FILE$ | PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21

9 9

Addendum No. 01
ID 1030-25-79
Revised Sheet 367
May 16, 2018

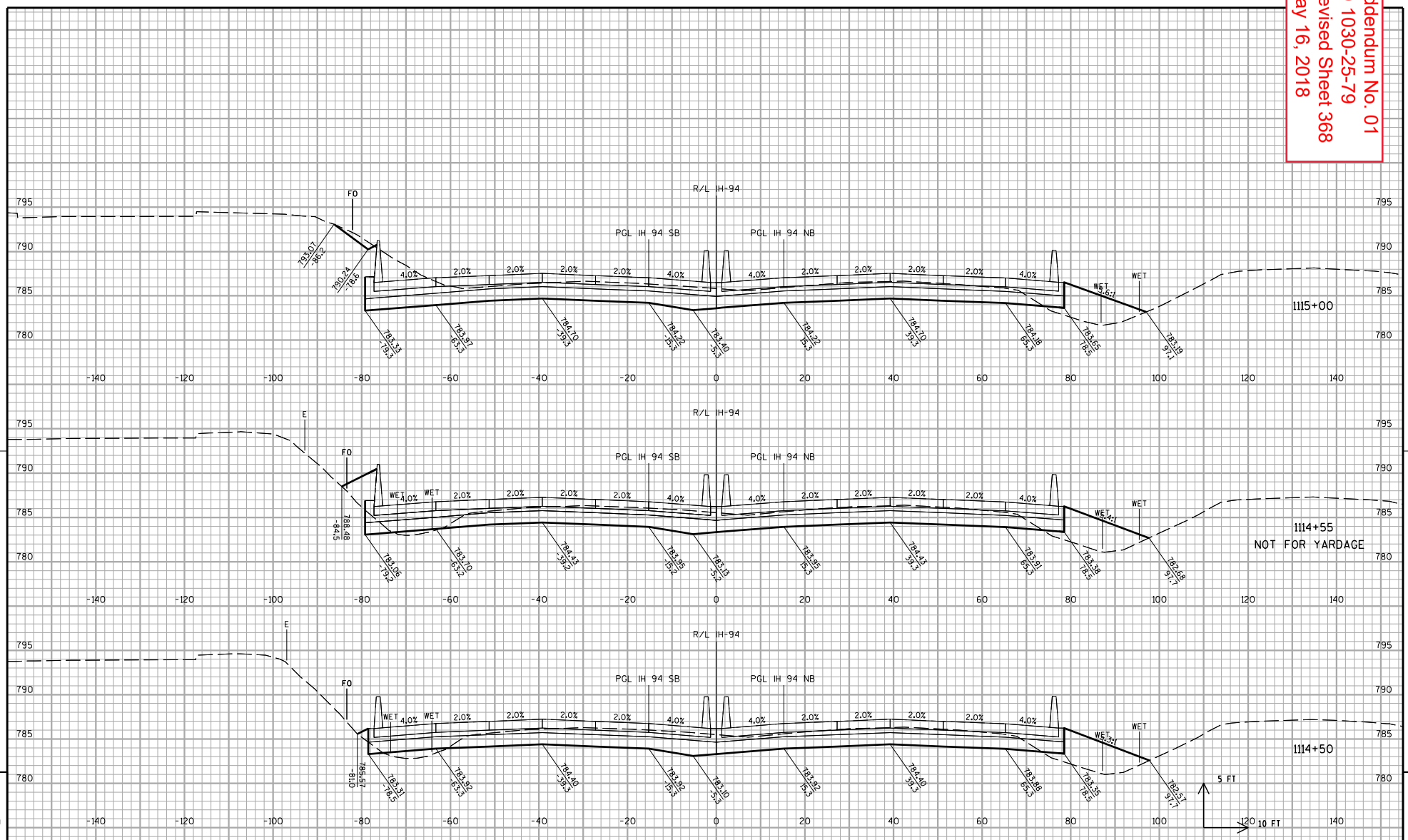



| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 367 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\090201b_xs_IH94.dgn PLOT DATE : 5/14/2018 PLOT BY : heather.stabo PLOT NAME : $FILE$ PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21

Addendum No. 01
ID 1030-25-79
Revised Sheet 368
May 16, 2018




STA 1114+50 TO 1115+00

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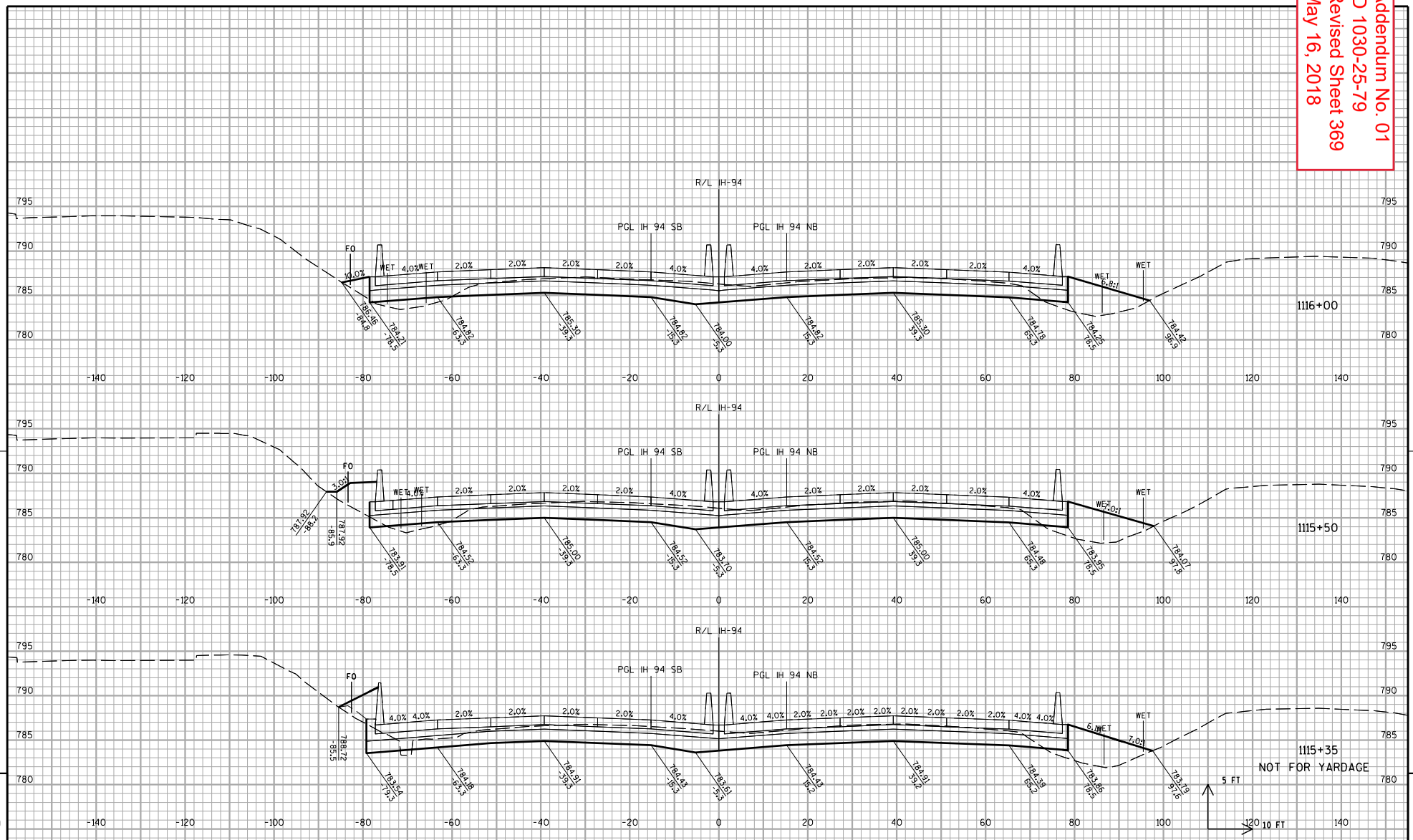
| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 368 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\090201b_xs_IH94.dgn PLOT DATE : 5/14/2018 PLOT BY : heather.stabo PLOT NAME : $FILE$ PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21

Addendum No. 01
ID 1030-25-79
Revised Sheet 369
May 16, 2018

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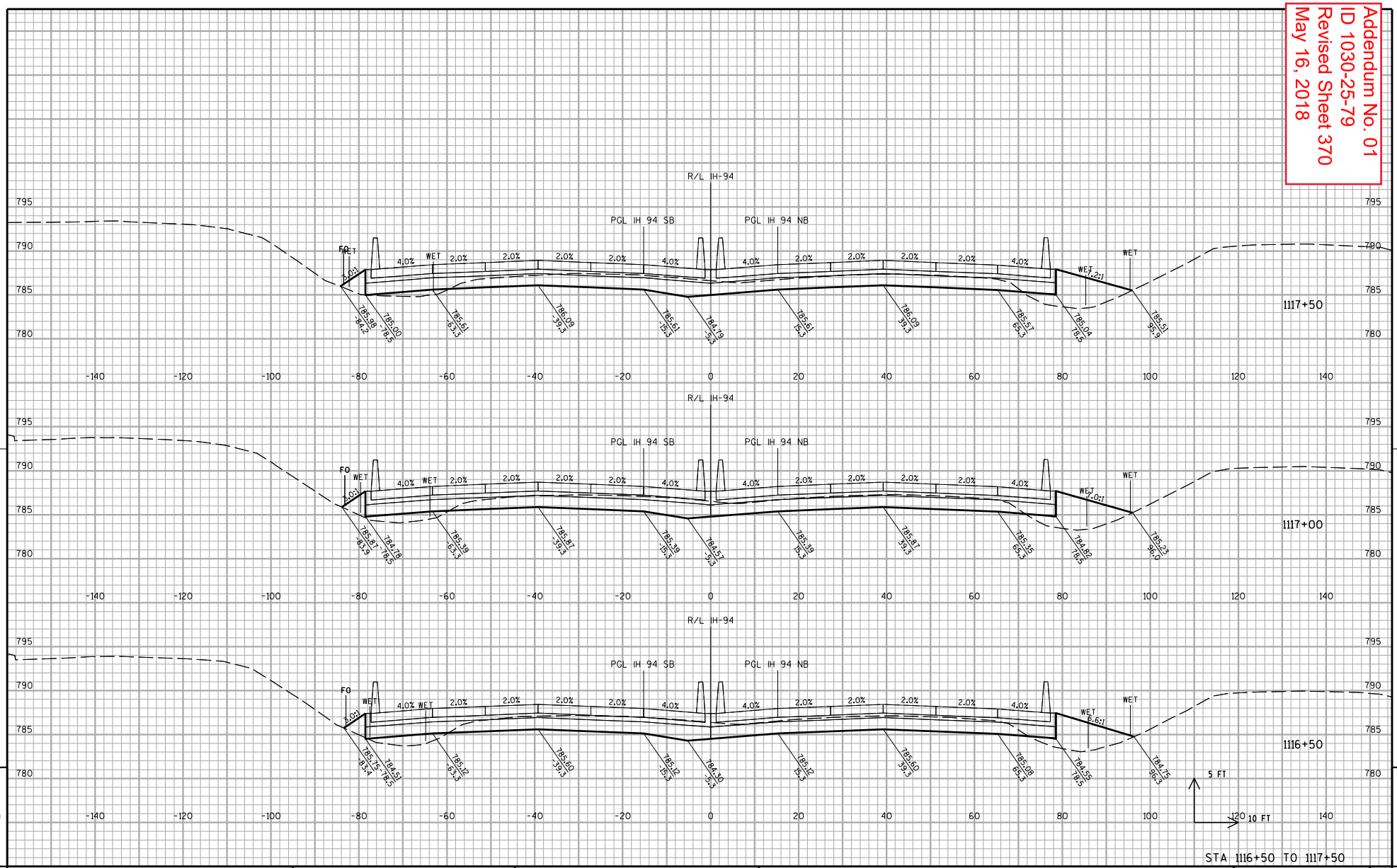
| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 369 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\090201b_xs_IH94.dgn PLOT DATE : 5/14/2018 PLOT BY : heather.stabo PLOT NAME : $FILE$ PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21

Addendum No. 01
ID 1030-25-79
Revised Sheet 370
May 16, 2018




STA 1116+50 TO 1117+50

| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 370 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\090201b_xs_IH94.dgn | PLOT DATE : 5/14/2018 | PLOT BY : heather.stabo | PLOT NAME : $FILE$ | PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21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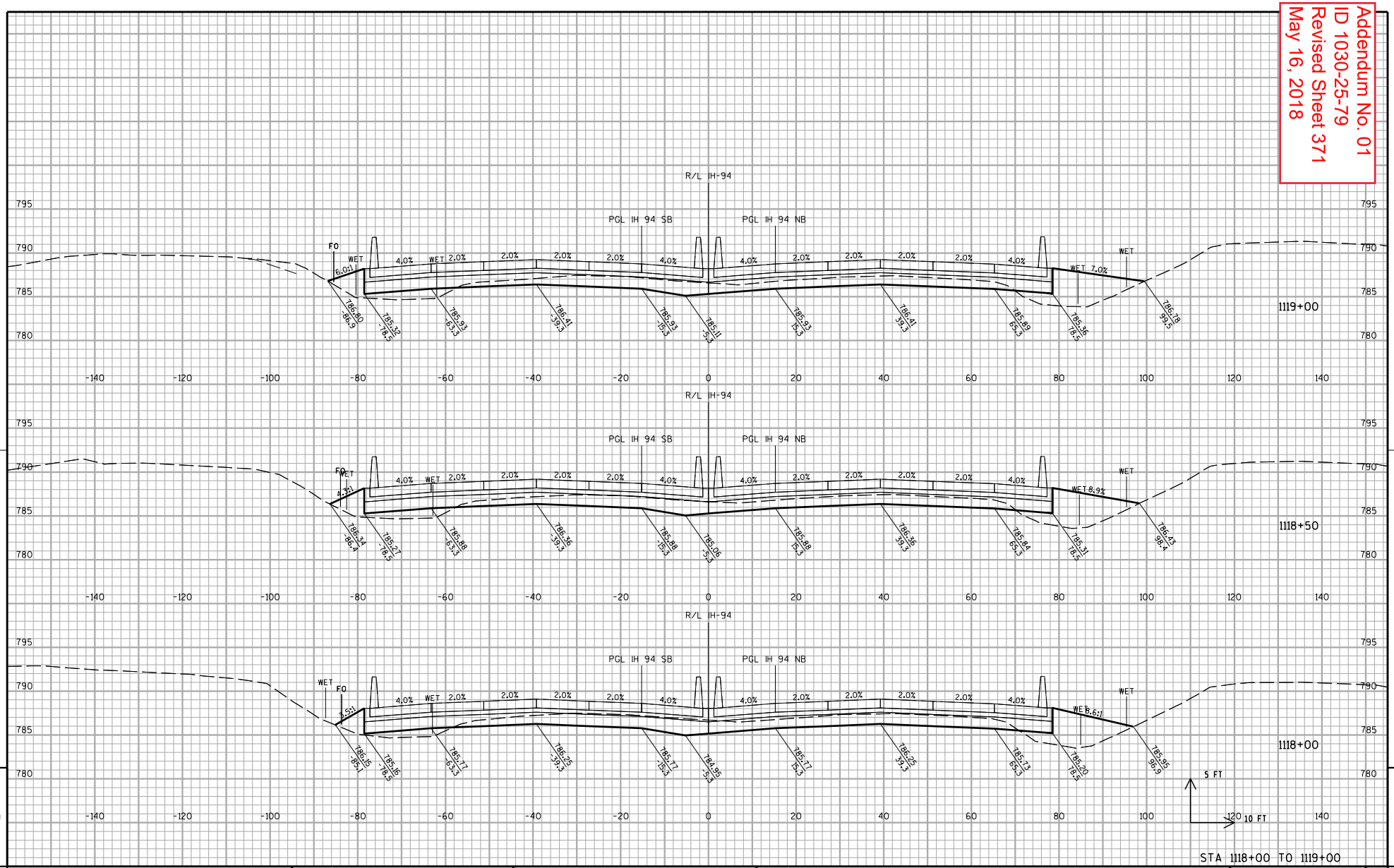
Addendum No. 01
ID 1030-25-79
Revised Sheet 371
May 16, 2018

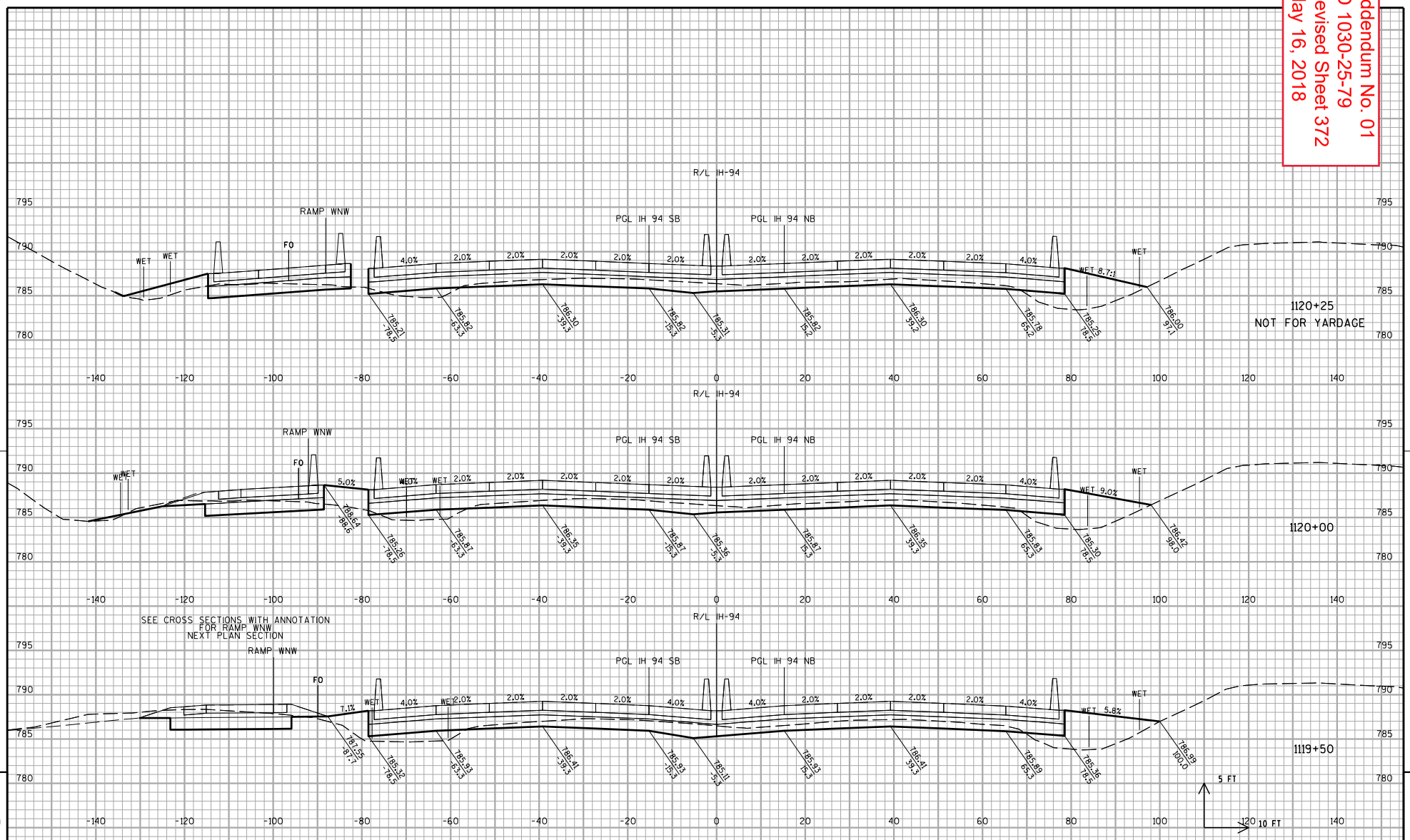



| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 371 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\090201b_xs_IH94.dgn PLOT DATE : 5/14/2018 PLOT BY : heather.stabo PLOT NAME : $FILE$ PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21

Addendum No. 01
ID 1030-25-79
Revised Sheet 372
May 16, 2018

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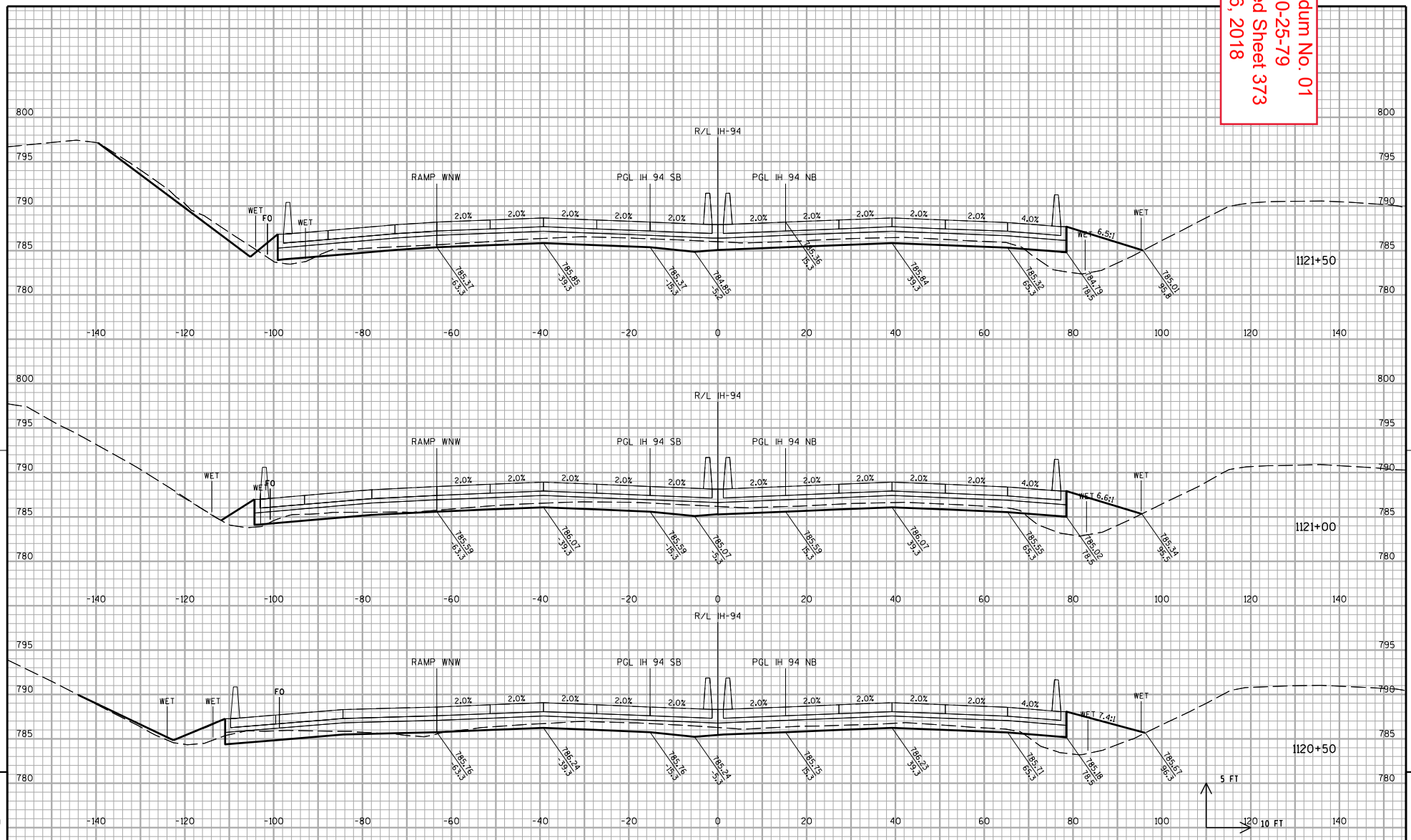
| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 372 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\090201b_xs_IH94.dgn PLOT DATE : 5/14/2018 PLOT BY : heather.stabo PLOT NAME : $FILE$ PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21

Addendum No. 01
ID 1030-25-79
Revised Sheet 373
May 16, 2018




STA 1120+50 TO 1121+50

| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 373 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\090201b_xs_IH94.dgn
PLOT DATE : 5/14/2018
PLOT BY : heather.stabo
PLOT NAME : $FILE$
PLOT SCALE : 1:20
WISDOT/CADDS SHEET 21

9

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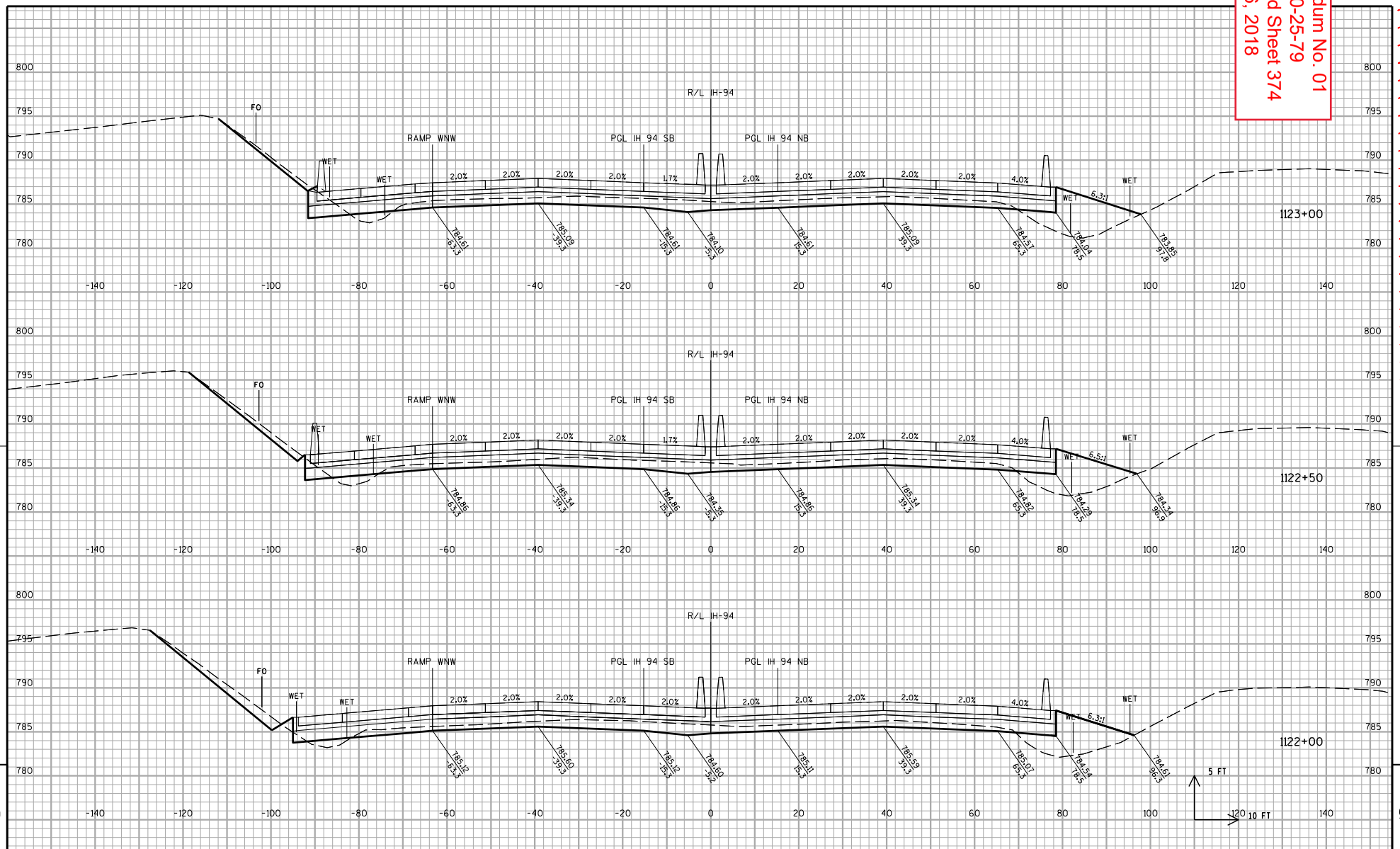
Addendum No. 01
ID 1030-25-79
Revised Sheet 374
May 16, 2018




STA 1122+00 TO 1123+00

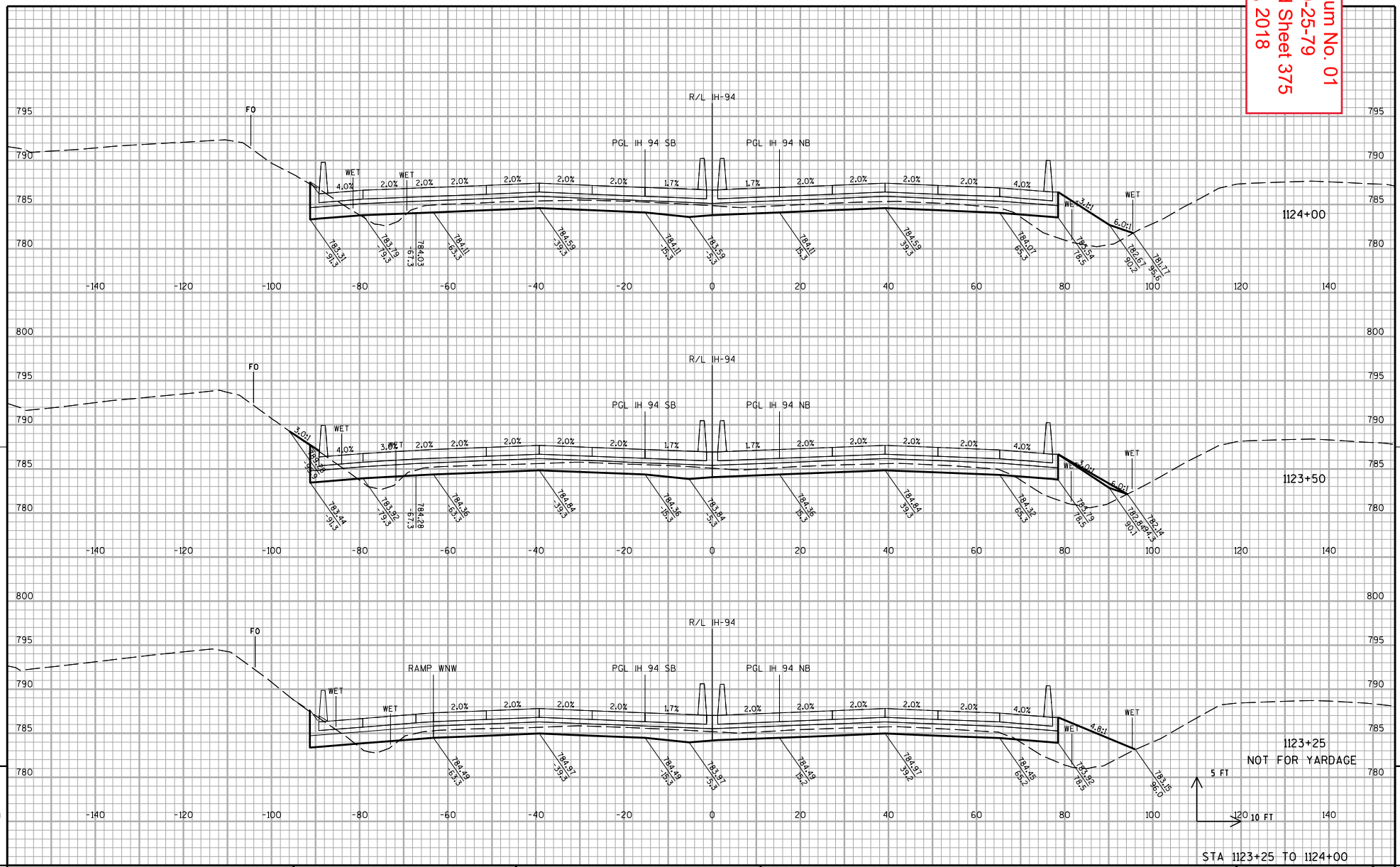
| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 374 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\090201b_xs_IH94.dgn | PLOT DATE : 5/14/2018 | PLOT BY : heather.stabo | PLOT NAME : $FILE$ | PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21

9 9

Addendum No. 01
ID 1030-25-79
Revised Sheet 375
May 16, 2018



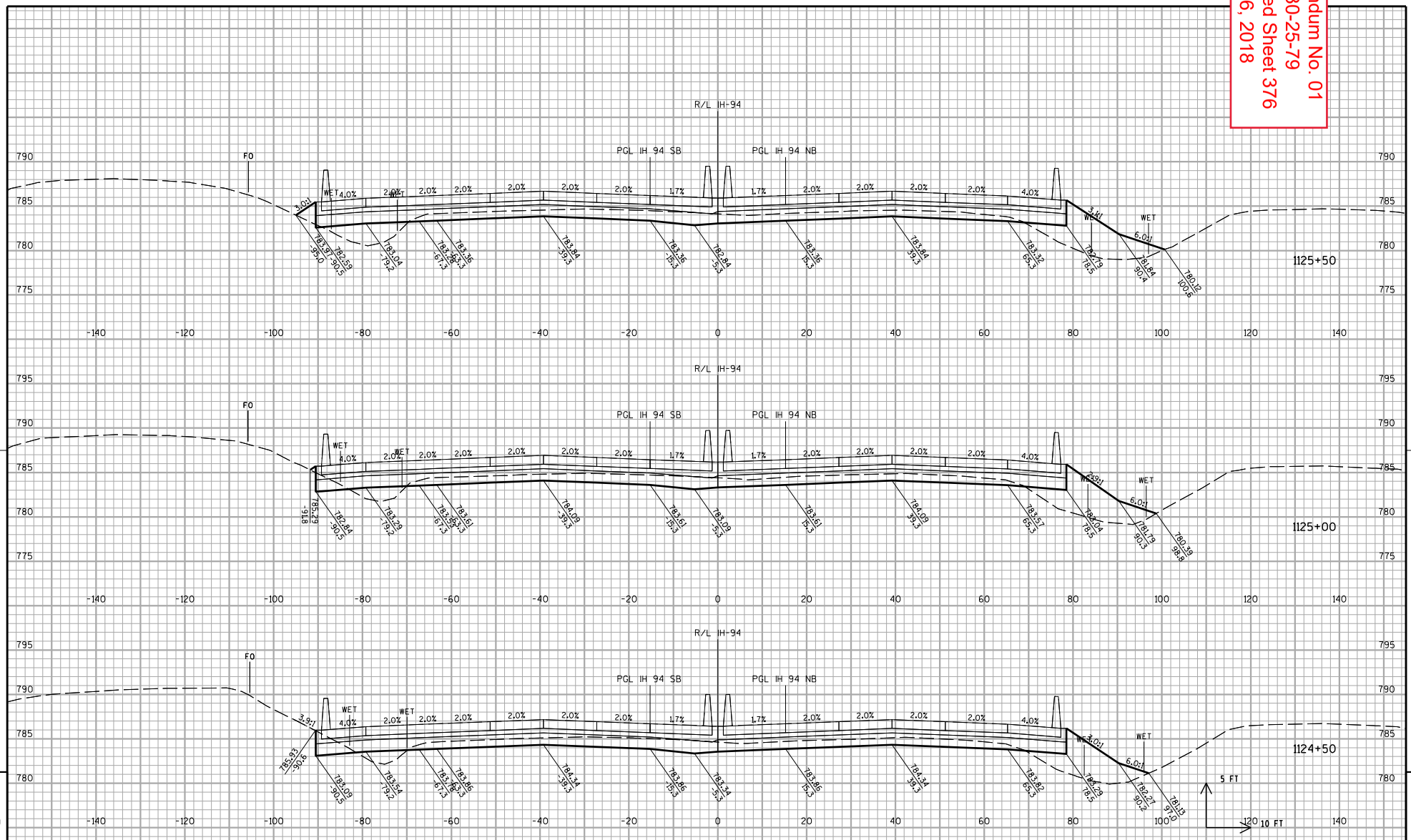

| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 375 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\090201b_xs_IH94.dgn PLOT DATE : 5/14/2018 PLOT BY : heather.stabo PLOT NAME : $FILE$ PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21

9 9

Addendum No. 01
ID 1030-25-79
Revised Sheet 376
May 16, 2018




STA 1124+50 TO 1125+50

| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 376 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\090201b_xs_IH94.dgn | PLOT DATE : 5/14/2018 | PLOT BY : heather.stabo | PLOT NAME : $FILE$ | PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21

9

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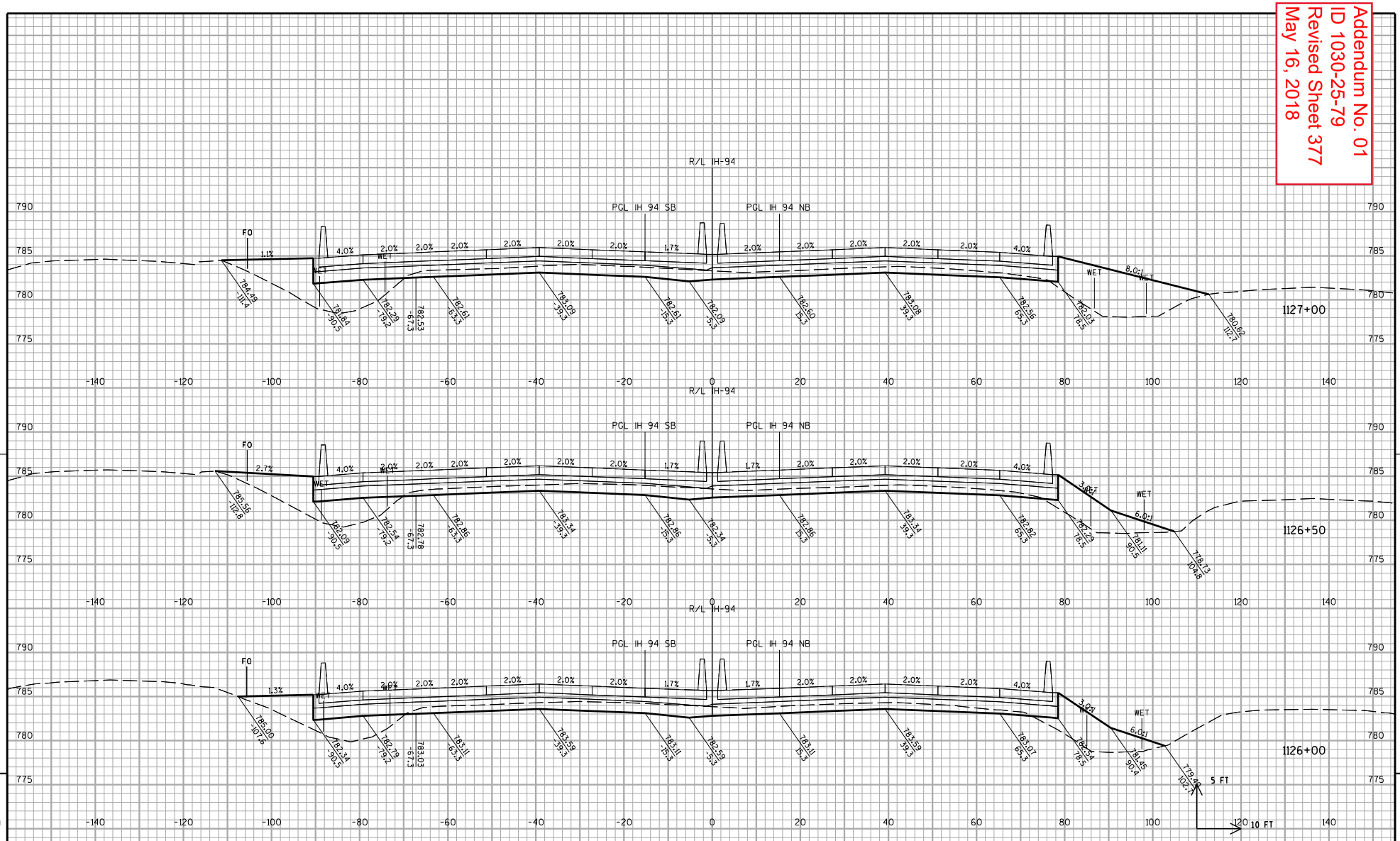
Addendum No. 01
ID 1030-25-79
Revised Sheet 377
May 16, 2018

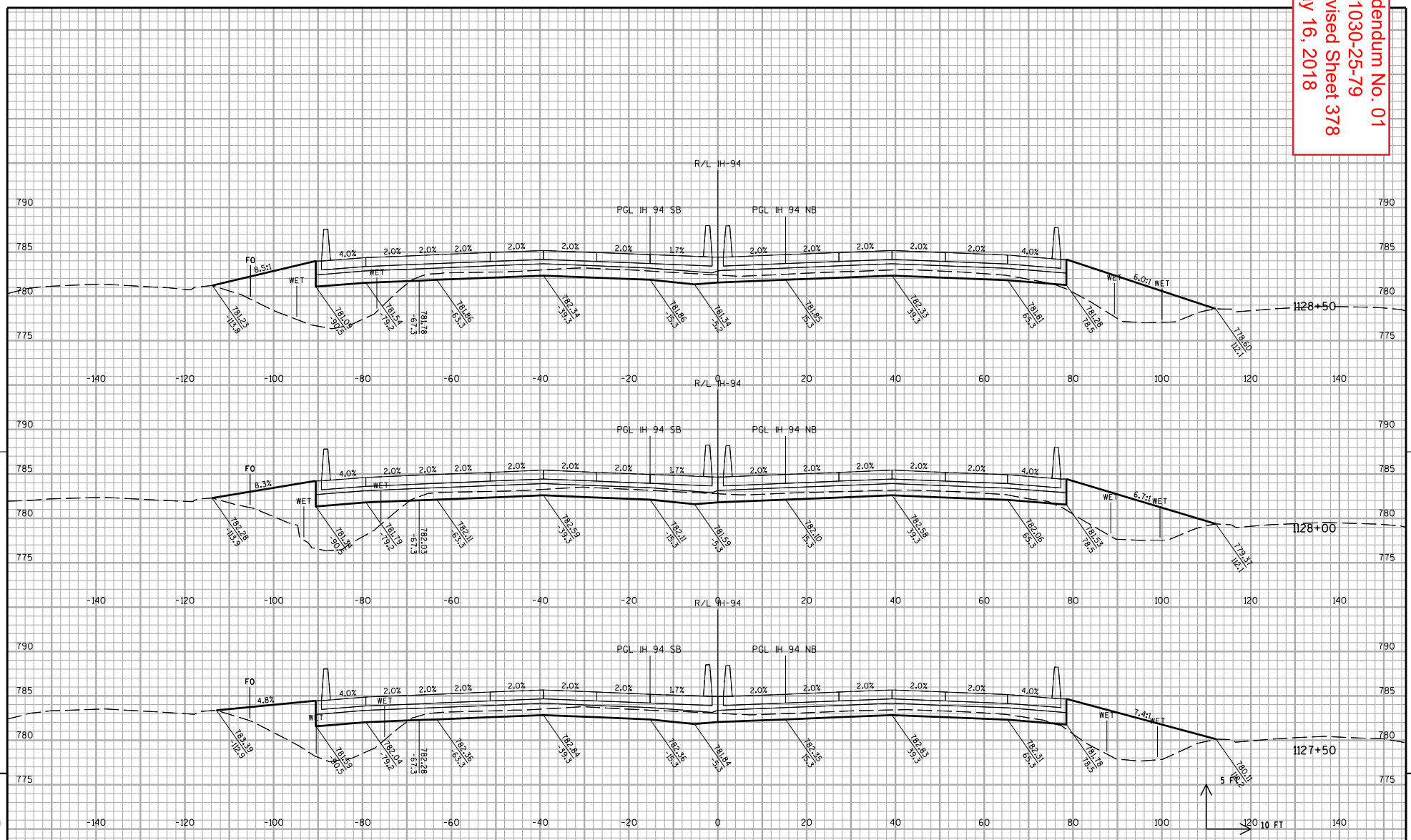



| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 377 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\090201b_xs_IH94.dgn | PLOT DATE : 5/14/2018 | PLOT BY : heather.stabo | PLOT NAME : $FILE$ | PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21

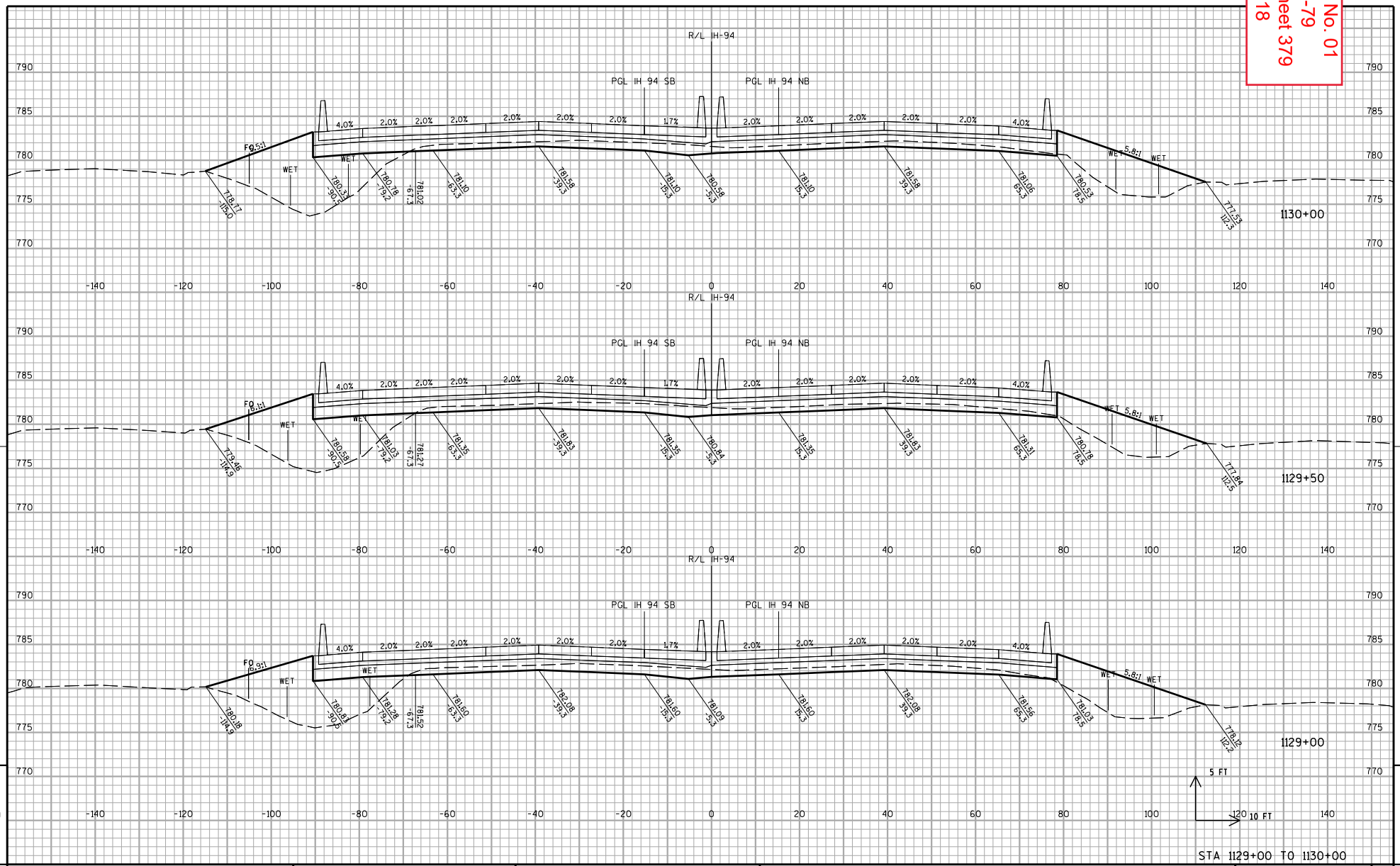
Addendum No. 01
ID 1030-25-79
Revised Sheet 378
May 16, 2018




| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 378 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\090201b_xs_IH94.dgn PLOT DATE : 5/14/2018 PLOT BY : heather.stabo PLOT NAME : $FINAL$ PLOT SCALE : 1:20 WISDOT/CADDS SHEET 24

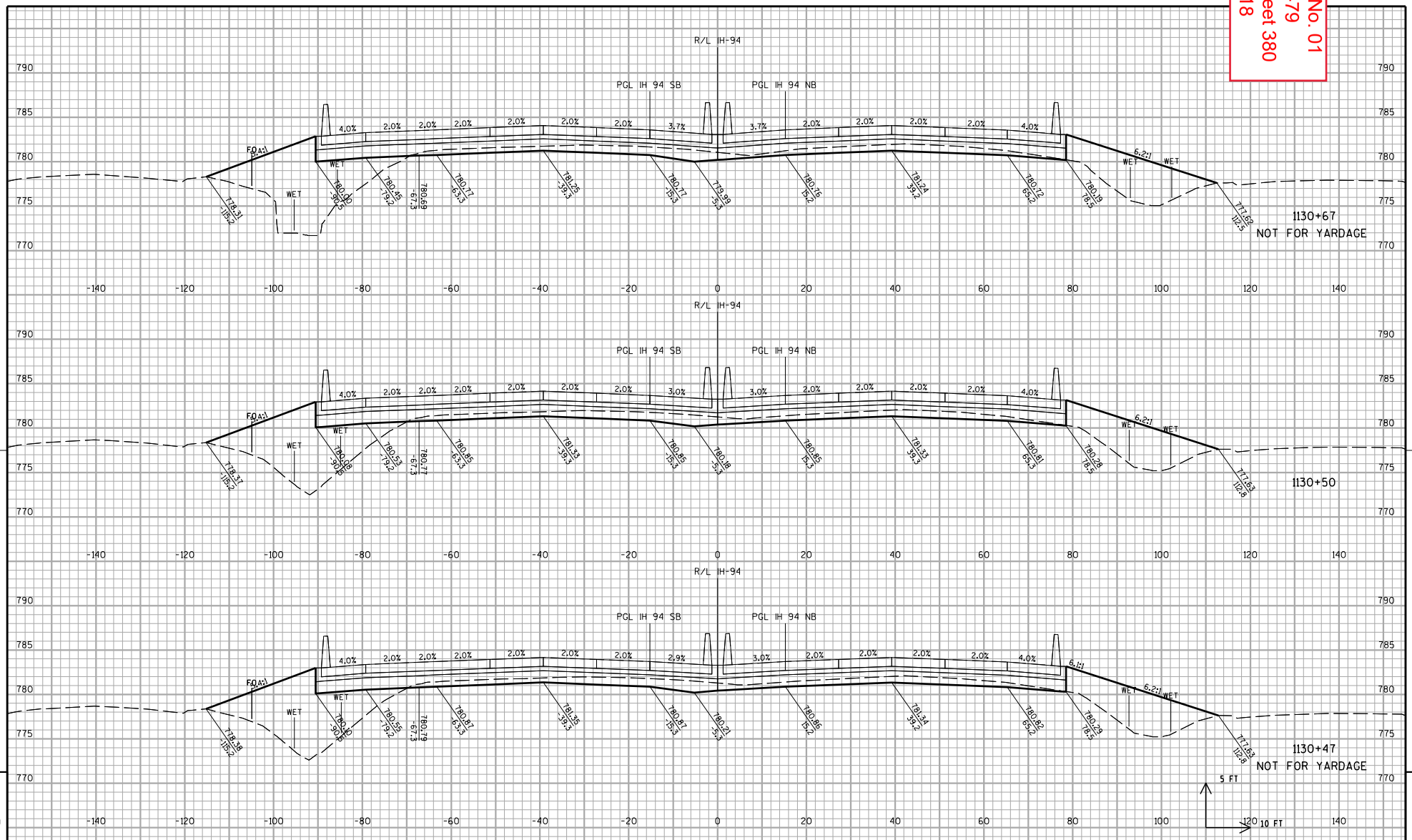
Addendum No. 01
ID 1030-25-79
Revised Sheet 379
May 16, 2018




| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 379 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\090201b_xs_IH94.dgn
PLOT DATE : 5/14/2018
PLOT BY : heather.stabo
PLOT NAME : $FILE$
PLOT SCALE : 1:20
WISDOT/CADDS SHEET 21

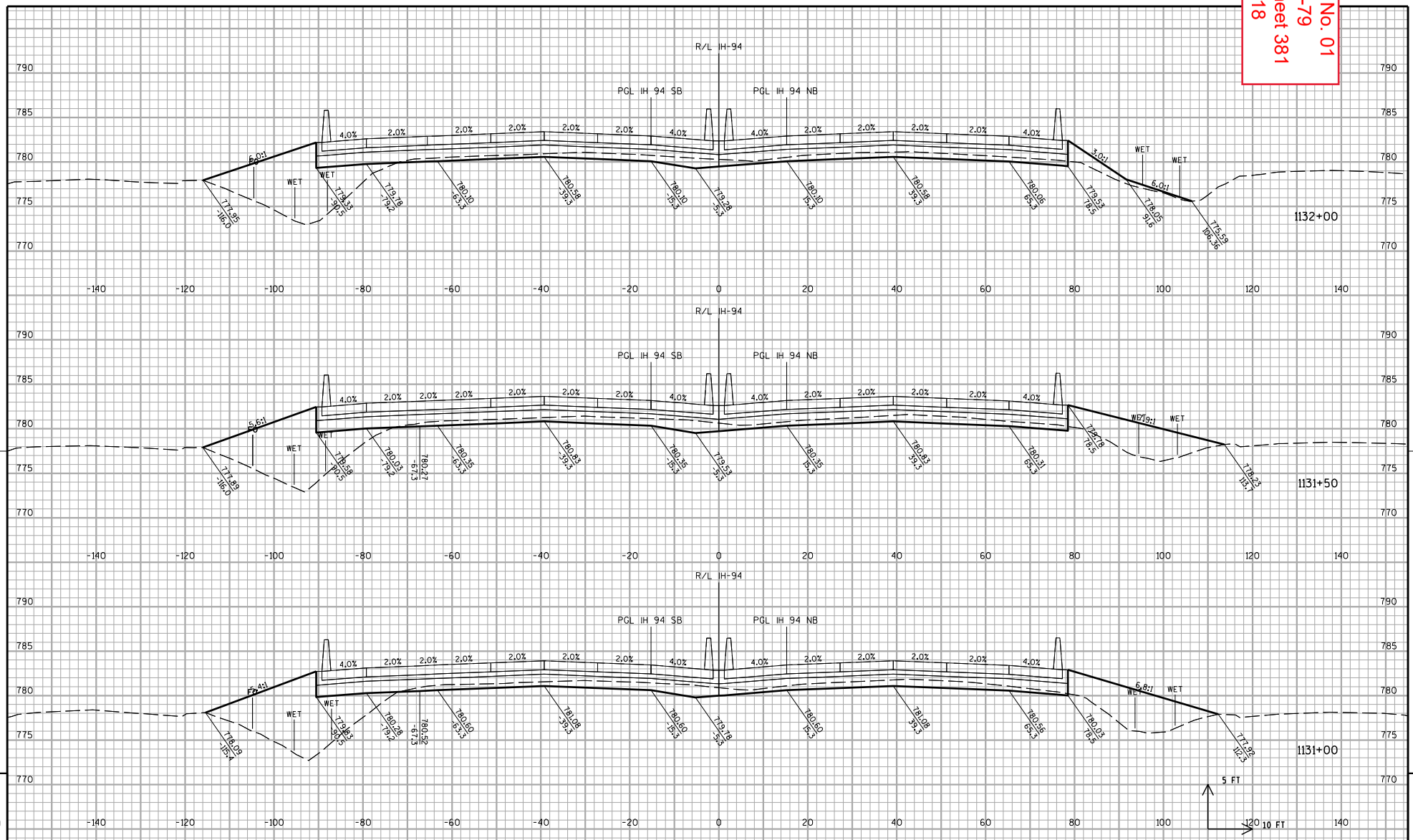
Addendum No. 01
ID 1030-25-79
Revised Sheet 380
May 16, 2018




| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 380 | E |
|---|---|---|---|---|---|

FILE NAME = Z:\Racine\CADDS\18\18M\CDS\090201b_xs_IH94.dgn PLOT DATE = 5/14/2018 PLOT BY = heather.stabo PLOT NAME = $FILE$ PLOT SCALE = 1:20 WISDOT/CADDS SHEET 21

Addendum No. 01
ID 1030-25-79
Revised Sheet 381
May 16, 2018




STA 1131+00 TO 1132+00

| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 381 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\090201b_xs_IH94.dgn PLOT DATE : 5/14/2018 PLOT BY : heather.stabo PLOT NAME : $FILE$ PLOT SCALE : 1:20

WISDOT/CADDS SHEET 21

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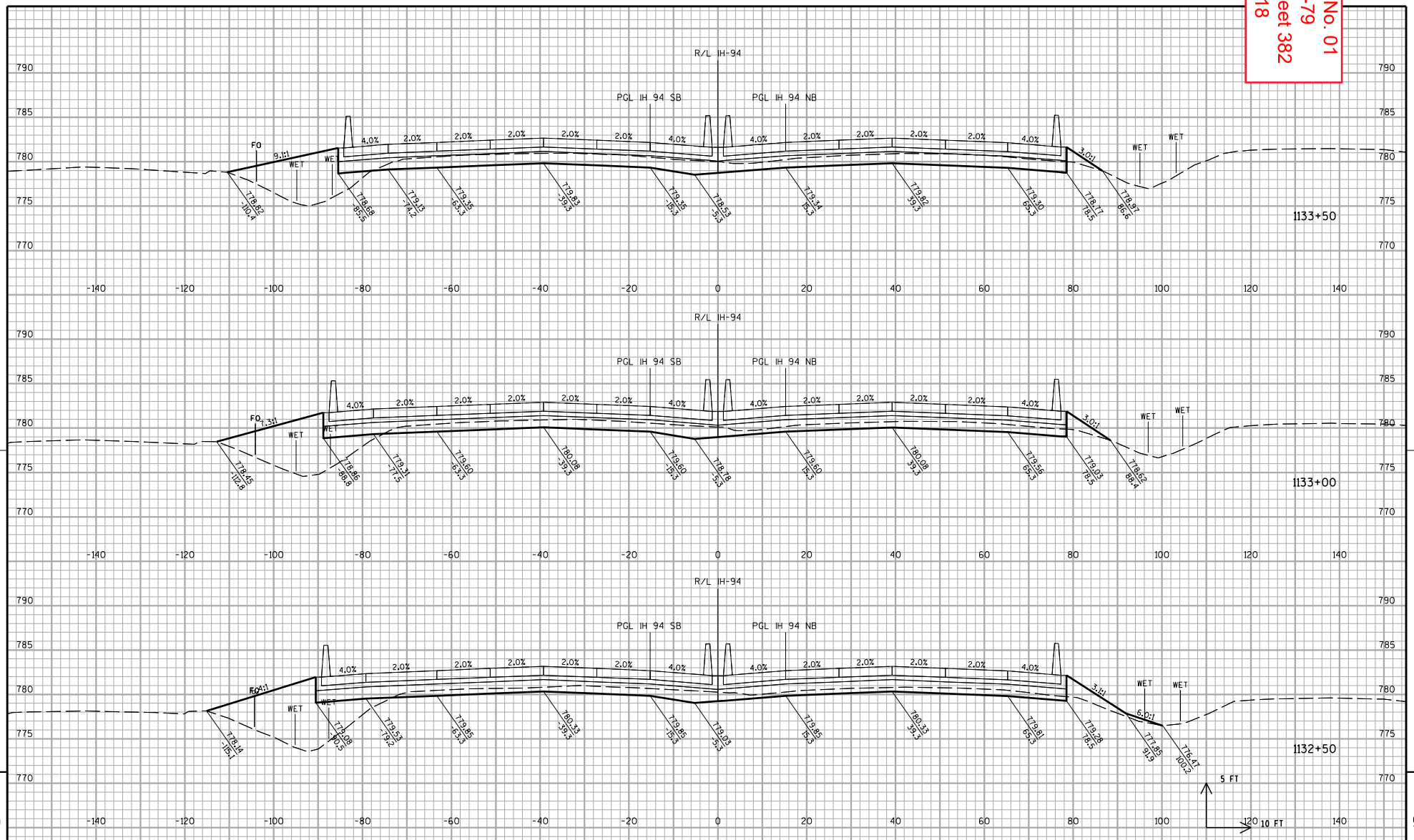
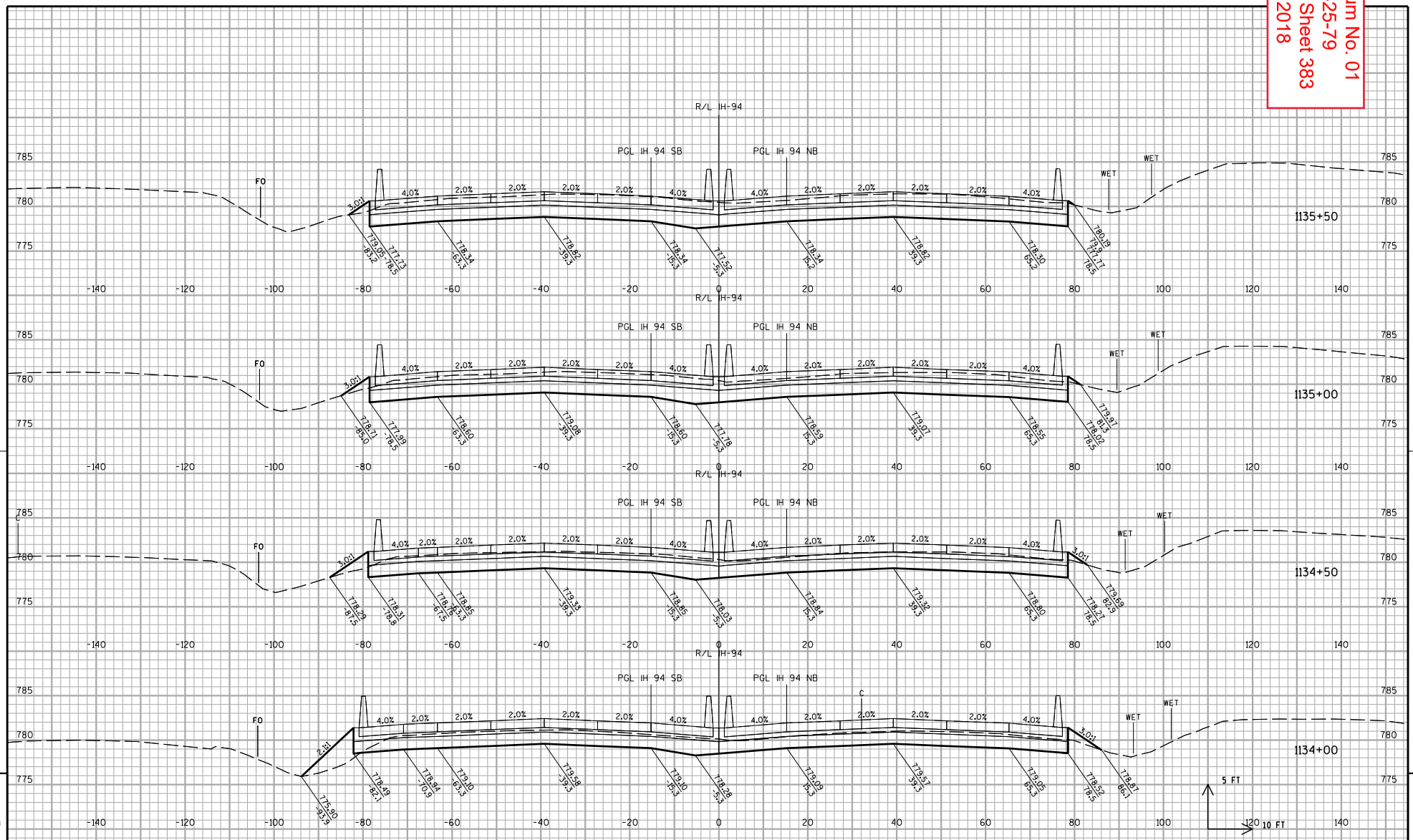
Addendum No. 01
ID 1030-25-79
Revised Sheet 382
May 16, 2018




| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 382 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\0902016_xs_IH94.dgn | PLOT DATE : 5/14/2018 | PLOT BY : heather.stabo | PLOT NAME : $FILE$ | PLOT SCALE : 1:20 | WISDOT/CADDS SHEET 21

Addendum No. 01
ID 1030-25-79
Revised Sheet 383
May 16, 2018

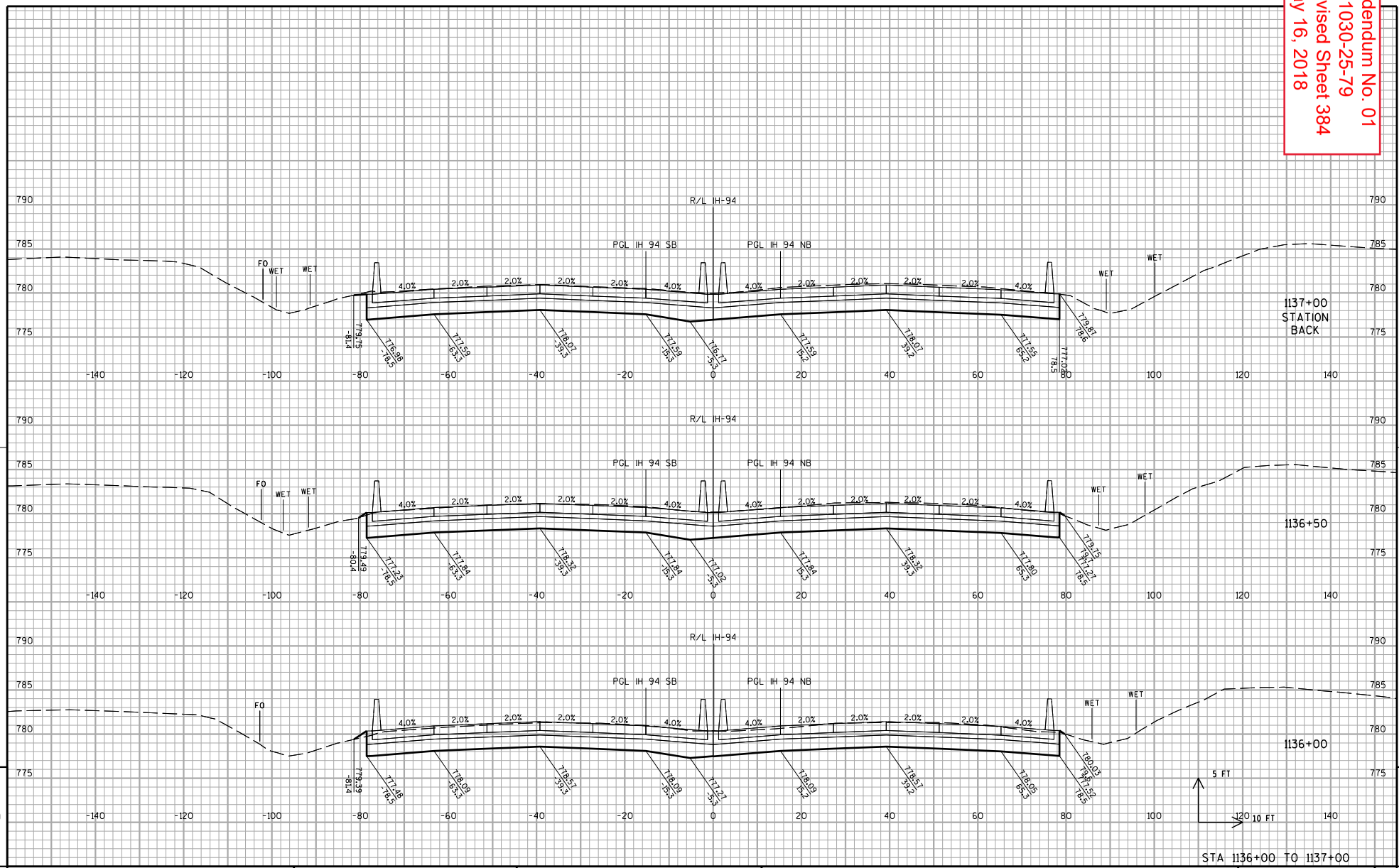



| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 383 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\090201b_xs_IH94.dgn | PLOT DATE : 5/14/2018 | PLOT BY : heather.stabo | PLOT NAME : $FILE$ | PLOT SCALE : 1:20 | WISDOT/CADDS SHEET 21

9 9

Addendum No. 01
ID 1030-25-79
Revised Sheet 384
May 16, 2018




STA 1136+00 TO 1137+00

| PROJECT NO: 1030-25-79 | HWY: IH 94 | COUNTY: RACINE | CROSS SECTIONS: IH 94 | SHEET 384 | E |
|---|---|---|---|---|---|

FILE NAME : Z:\Racine\CADDS\18\18M\CDS\090201b_xs_IH94.dgn | PLOT DATE : 5/14/2018 | PLOT BY : heather.stabo | PLOT NAME : $FILE$ | PLOT SCALE : 1:20 | WISDOT/CADDS SHEET 21

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Proposal ID: 20180522002 Project(s): 1030-11-72, 1030-11-79, 1030-11-80, 1030-25-79

Federal ID(s): WISC 2018335, WISC 2018327, WISC 2018328, WISC 2018329

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 0002 | 108.3100.S<br>Incentive/Disincentive for Interim Completion of Work | 1.000<br>CD | 25,000.00000 | 25,000.00 |
| 0004 | 201.0105<br>Clearing | 3.000<br>STA | _____._____ | _____._____ |
| 0006 | 201.0120<br>Clearing | 6.000<br>ID | _____._____ | _____._____ |
| 0008 | 201.0205<br>Grubbing | 3.000<br>STA | _____._____ | _____._____ |
| 0010 | 201.0220<br>Grubbing | 6.000<br>ID | _____._____ | _____._____ |
| 0012 | 203.0100<br>Removing Small Pipe Culverts | 10.000<br>EACH | _____._____ | _____._____ |
| 0014 | 203.0200<br>Removing Old Structure (station) 001. 1130+68.00 | LS | LUMP SUM | _____._____ |
| 0016 | 203.0200<br>Removing Old Structure (station) 002. 1003+00, 15' LT | LS | LUMP SUM | _____._____ |
| 0018 | 203.0200<br>Removing Old Structure (station) 003. 1003+00 15' RT | LS | LUMP SUM | _____._____ |
| 0020 | 203.0200<br>Removing Old Structure (station) 006. 923+00.00 LT | LS | LUMP SUM | _____._____ |
| 0022 | 203.0200<br>Removing Old Structure (station) 007. 923+00.00 RT | LS | LUMP SUM | _____._____ |
| 0024 | 203.0200<br>Removing Old Structure (station) 045. 1104+26.00 | LS | LUMP SUM | _____._____ |
| 0026 | 203.0200<br>Removing Old Structure (station) 051. 1055+75 | LS | LUMP SUM | _____._____ |
| 0028 | 203.0200<br>Removing Old Structure (station) 052. 1055+75 | LS | LUMP SUM | _____._____ |

Proposal ID: 20180522002 Project(s): 1030-11-72, 1030-11-79, 1030-11-80, 1030-25-79

Federal ID(s): WISC 2018335, WISC 2018327, WISC 2018328, WISC 2018329

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 0030 | 203.0210.S<br>Abatement of Asbestos Containing Material (structure) 001. B-51-27 | LS | LUMP SUM | _____.____ |
| 0032 | 203.0210.S<br>Abatement of Asbestos Containing Material (structure) 002. B-51-28 | LS | LUMP SUM | _____.____ |
| 0034 | 203.0210.S<br>Abatement of Asbestos Containing Material (structure) 003. B-51-29 | LS | LUMP SUM | _____.____ |
| 0036 | 203.0210.S<br>Abatement of Asbestos Containing Material (structure) 004. B-51-30 | LS | LUMP SUM | _____.____ |
| 0038 | 203.0210.S<br>Abatement of Asbestos Containing Material (structure) 009. B-51-25 | LS | LUMP SUM | _____.____ |
| 0040 | 203.0210.S<br>Abatement of Asbestos Containing Material (structure) 010. B-51-26 | LS | LUMP SUM | _____.____ |
| 0042 | 204.0100<br>Removing Pavement **P** | 290,458.000<br>SY | _____.____ | _____.____ |
| 0044 | 204.0115<br>Removing Asphaltic Surface Butt Joints | 1,520.000<br>SY | _____.____ | _____.____ |
| 0046 | 204.0120<br>Removing Asphaltic Surface Milling **P** | 10,600.000<br>SY | _____.____ | _____.____ |
| 0048 | 204.0150<br>Removing Curb & Gutter **P** | 1,095.000<br>LF | _____.____ | _____.____ |
| 0050 | 204.0157<br>Removing Concrete Barrier **P** | 27,669.000<br>LF | _____.____ | _____.____ |
| 0052 | 204.0170<br>Removing Fence **P** | 44,536.000<br>LF | _____.____ | _____.____ |
| 0054 | 204.0180<br>Removing Delineators and Markers | 164.000<br>EACH | _____.____ | _____.____ |
| 0056 | 204.0195<br>Removing Concrete Bases | 3.000<br>EACH | _____.____ | _____.____ |
| 0058 | 204.0210<br>Removing Manholes | 3.000<br>EACH | _____.____ | _____.____ |

Proposal ID: 20180522002 Project(s): 1030-11-72, 1030-11-79, 1030-11-80, 1030-25-79

Federal ID(s): WISC 2018335, WISC 2018327, WISC 2018328, WISC 2018329

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 0060 | 204.0220<br>Removing Inlets | 245.000<br>EACH | _____._____ | _____._____ |
| 0062 | 204.0245<br>Removing Storm Sewer (size) 002. 6-Inch | 4,698.000<br>LF | _____._____ | _____._____ |
| 0064 | 204.0245<br>Removing Storm Sewer (size) 004. 12-Inch | 3,369.000<br>LF | _____._____ | _____._____ |
| 0066 | 204.0245<br>Removing Storm Sewer (size) 006. 15-Inch | 3,716.000<br>LF | _____._____ | _____._____ |
| 0068 | 204.0245<br>Removing Storm Sewer (size) 008. 18-Inch | 1,609.000<br>LF | _____._____ | _____._____ |
| 0070 | 204.0245<br>Removing Storm Sewer (size) 010. 24-Inch | 695.000<br>LF | _____._____ | _____._____ |
| 0072 | 204.0245<br>Removing Storm Sewer (size) 011. 19 X 30-Inch | 72.000<br>LF | _____._____ | _____._____ |
| 0074 | 204.0245<br>Removing Storm Sewer (size) 012. 30-Inch | 375.000<br>LF | _____._____ | _____._____ |
| 0076 | 204.0245<br>Removing Storm Sewer (size) 018. 48-Inch | 890.000<br>LF | _____._____ | _____._____ |
| 0078 | 204.0245<br>Removing Storm Sewer (size) 019. 54-Inch | 300.000<br>LF | _____._____ | _____._____ |
| 0080 | 204.0245<br>Removing Storm Sewer (size) 020. 42-Inch | 554.000<br>LF | _____._____ | _____._____ |
| 0082 | 204.0245<br>Removing Storm Sewer (size) 022. 29 X 45-Inch | 28.000<br>LF | _____._____ | _____._____ |
| 0084 | 204.0245<br>Removing Storm Sewer (size) 023. 34 X 53-Inch | 30.000<br>LF | _____._____ | _____._____ |

Proposal ID: 20180522002 Project(s): 1030-11-72, 1030-11-79, 1030-11-80, 1030-25-79

Federal ID(s): WISC 2018335, WISC 2018327, WISC 2018328, WISC 2018329

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 0086 | 204.0250<br>Abandoning Manholes | 1.000<br>EACH | _____.____ | _____.____ |
| 0088 | 204.0260<br>Abandoning Inlets | 20.000<br>EACH | _____.____ | _____.____ |
| 0090 | 204.0280<br>Sealing Pipes | 58.000<br>EACH | _____.____ | _____.____ |
| 0092 | 204.0291.S<br>Abandoning Sewer | 390.700<br>CY | _____.____ | _____.____ |
| 0094 | 204.9060.S<br>Removing (item description) 003. Slotted Vane Drain | 16.000<br>EACH | _____.____ | _____.____ |
| 0096 | 204.9060.S<br>Removing (item description) 006. Traffic Control Barricades Permanent Type III | 6.000<br>EACH | _____.____ | _____.____ |
| 0098 | 204.9060.S<br>Removing (item description) 100. Luminaires | 8.000<br>EACH | _____.____ | _____.____ |
| 0100 | 204.9060.S<br>Removing (item description) 101. Lighting Units | 7.000<br>EACH | _____.____ | _____.____ |
| 0102 | 204.9060.S<br>Removing (item description) 201. Controller Cabinet | 1.000<br>EACH | _____.____ | _____.____ |
| 0104 | 204.9060.S<br>Removing (item description) 202. Controller Cabinet Base | 1.000<br>EACH | _____.____ | _____.____ |
| 0106 | 204.9060.S<br>Removing (item description) 203. On-Ramp Closure Gate | 2.000<br>EACH | _____.____ | _____.____ |
| 0108 | 204.9060.S<br>Removing (item description) 204. Electrical Service Meter Breaker Pedestal | 1.000<br>EACH | _____.____ | _____.____ |
| 0110 | 204.9060.S<br>Removing (item description) 205. Temporary Vehicle Detector Assembly | 2.000<br>EACH | _____.____ | _____.____ |

Proposal ID: 20180522002 Project(s): 1030-11-72, 1030-11-79, 1030-11-80, 1030-25-79

Federal ID(s): WISC 2018335, WISC 2018327, WISC 2018328, WISC 2018329

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 0112 | 204.9060.S<br>Removing (item description) 207. Temporary Traffic Camera Assembly | 1.000<br>EACH | _____._____ | _____._____ |
| 0114 | 204.9060.S<br>Removing (item description) 209. Concrete Apron Endwalls | 1.000<br>EACH | _____._____ | _____._____ |
| 0116 | 204.9090.S<br>Removing (item description) 001. Underdrain | 38,542.000<br>LF | _____._____ | _____._____ |
| 0118 | 204.9090.S<br>Removing (item description) 002. Draintile | 882.000<br>LF | _____._____ | _____._____ |
| 0120 | 204.9090.S<br>Removing (item description) 003. Concrete Barrier Temporary | 49,880.000<br>LF | _____._____ | _____._____ |
| 0124 | 205.0100<br>Excavation Common **P** | 261,094.000<br>CY | _____._____ | _____._____ |
| 0126 | 205.0501.S<br>Excavation, Hauling, and Disposal of Petroleum Contaminated Soil | 1,400.000<br>TON | _____._____ | _____._____ |
| 0128 | 205.3000.S<br>Temporary Emergency Pullouts | 8.000<br>EACH | _____._____ | _____._____ |
| 0130 | 206.1000<br>Excavation for Structures Bridges (structure) 001. B-51-134 | LS | LUMP SUM | _____._____ |
| 0132 | 206.1000<br>Excavation for Structures Bridges (structure) 002. B-51-135 | LS | LUMP SUM | _____._____ |
| 0134 | 206.1000<br>Excavation for Structures Bridges (structure) 003. B-51-136 | LS | LUMP SUM | _____._____ |
| 0136 | 206.1000<br>Excavation for Structures Bridges (structure) 004. B-51-137 | LS | LUMP SUM | _____._____ |
| 0138 | 206.1000<br>Excavation for Structures Bridges (structure) 015. B-51-132 | LS | LUMP SUM | _____._____ |

Proposal ID: 20180522002 Project(s): 1030-11-72, 1030-11-79, 1030-11-80, 1030-25-79

Federal ID(s): WISC 2018335, WISC 2018327, WISC 2018328, WISC 2018329

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 0140 | 206.1000<br>Excavation for Structures Bridges (structure) 016. B-51-133 | LS | LUMP SUM | _____.____ |
| 0142 | 209.0200.S<br>Backfill Controlled Low Strength | 240.000<br>CY | _____.____ | _____.____ |
| 0144 | 209.2500<br>Backfill Granular Grade 2 | 1,450.000<br>TON | _____.____ | _____.____ |
| 0146 | 210.1500<br>Backfill Structure Type A **P** | 3,363.000<br>TON | _____.____ | _____.____ |
| 0148 | 210.2100<br>Backfill Structure Type B | 50.000<br>CY | _____.____ | _____.____ |
| 0150 | 213.0100<br>Finishing Roadway (project) 004. 1030-11-72 | 1.000<br>EACH | _____.____ | _____.____ |
| 0152 | 213.0100<br>Finishing Roadway (project) 006. 1030-11-79 | 1.000<br>EACH | _____.____ | _____.____ |
| 0154 | 213.0100<br>Finishing Roadway (project) 008. 1030-25-79 | 1.000<br>EACH | _____.____ | _____.____ |
| 0156 | 213.0100<br>Finishing Roadway (project) 010. 1030-11-80 | 1.000<br>EACH | _____.____ | _____.____ |
| 0158 | 305.0115<br>Base Aggregate Dense 3/4-Inch **P** | 4,394.000<br>CY | _____.____ | _____.____ |
| 0160 | 305.0125<br>Base Aggregate Dense 1 1/4-Inch **P** | 90,558.000<br>CY | _____.____ | _____.____ |
| 0162 | 311.0110<br>Breaker Run | 3,700.000<br>TON | _____.____ | _____.____ |
| 0164 | 312.0115<br>Select Crushed Material **P** | 197,660.000<br>CY | _____.____ | _____.____ |
| 0168 | 390.0203<br>Base Patching Asphaltic | 3,345.000<br>SY | _____.____ | _____.____ |
| 0170 | 415.0090<br>Concrete Pavement 9-Inch **P** | 78.000<br>SY | _____.____ | _____.____ |

Proposal ID: 20180522002 Project(s): 1030-11-72, 1030-11-79, 1030-11-80, 1030-25-79

Federal ID(s): WISC 2018335, WISC 2018327, WISC 2018328, WISC 2018329

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 0172 | 415.0095<br>Concrete Pavement 9 1/2-Inch **P** | 16,380.000<br>SY | _____._____ | _____._____ |
| 0174 | 415.0105<br>Concrete Pavement 10 1/2-Inch **P** | 9,300.000<br>SY | _____._____ | _____._____ |
| 0176 | 415.0110<br>Concrete Pavement 11-Inch **P** | 1,280.000<br>SY | _____._____ | _____._____ |
| 0178 | 415.0410<br>Concrete Pavement Approach Slab **P** | 1,393.000<br>SY | _____._____ | _____._____ |
| 0180 | 415.5110.S<br>Concrete Pavement Joint Layout 002. 1030-11-72 | 1.000<br>LS | _____._____ | _____._____ |
| 0182 | 415.5110.S<br>Concrete Pavement Joint Layout 004. 1030-11-79 | 1.000<br>LS | _____._____ | _____._____ |
| 0184 | 415.5110.S<br>Concrete Pavement Joint Layout 006. 1030-11-80 | 1.000<br>LS | _____._____ | _____._____ |
| 0186 | 415.5110.S<br>Concrete Pavement Joint Layout 008. 1030-25-79 | 1.000<br>LS | _____._____ | _____._____ |
| 0188 | 416.0610<br>Drilled Tie Bars | 1,130.000<br>EACH | _____._____ | _____._____ |
| 0190 | 416.0620<br>Drilled Dowel Bars | 474.000<br>EACH | _____._____ | _____._____ |
| 0192 | 416.1010<br>Concrete Surface Drains | 38.000<br>CY | _____._____ | _____._____ |
| 0194 | 416.1110<br>Concrete Shoulder Rumble Strips **P** | 89,288.000<br>LF | _____._____ | _____._____ |
| 0196 | 440.4410<br>Incentive IRI Ride | 139,890.000<br>DOL | 1.00000 | 139,890.00 |
| 0198 | 450.1100.S<br>Asphaltic Mixture For Extreme Conditions | 500.000<br>TON | _____._____ | _____._____ |
| 0200 | 450.4000<br>HMA Cold Weather Paving | 1,604.000<br>TON | _____._____ | _____._____ |

Proposal ID: 20180522002 Project(s): 1030-11-72, 1030-11-79, 1030-11-80, 1030-25-79

Federal ID(s): WISC 2018335, WISC 2018327, WISC 2018328, WISC 2018329

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 0202 | 455.0605<br>Tack Coat | 6,858.000<br>GAL | _____.____ | _____.____ |
| 0204 | 460.2000<br>Incentive Density HMA Pavement | 790.000<br>DOL | 1.00000 | 790.00 |
| 0206 | 460.5223<br>HMA Pavement 3 LT 58-28 S | 627.000<br>TON | _____.____ | _____.____ |
| 0208 | 460.5224<br>HMA Pavement 4 LT 58-28 S | 441.000<br>TON | _____.____ | _____.____ |
| 0210 | 460.6223<br>HMA Pavement 3 MT 58-28 S | 530.000<br>TON | _____.____ | _____.____ |
| 0212 | 460.6224<br>HMA Pavement 4 MT 58-28 S | 20.000<br>TON | _____.____ | _____.____ |
| 0214 | 465.0125<br>Asphaltic Surface Temporary | 15,054.000<br>TON | _____.____ | _____.____ |
| 0216 | 465.0310<br>Asphaltic Curb | 245.000<br>LF | _____.____ | _____.____ |
| 0218 | 495.1000.S<br>Cold patch | 160.000<br>TON | _____.____ | _____.____ |
| 0220 | 501.1000.S<br>Ice Hot Weather Concreting | 62,847.000<br>LB | _____.____ | _____.____ |
| 0222 | 502.0100<br>Concrete Masonry Bridges **P** | 1,297.000<br>CY | _____.____ | _____.____ |
| 0224 | 502.3200<br>Protective Surface Treatment **P** | 10,401.000<br>SY | _____.____ | _____.____ |
| 0226 | 502.3210<br>Pigmented Surface Sealer | 4,712.000<br>SY | _____.____ | _____.____ |
| 0228 | 503.0146<br>Prestressed Girder Type I 45W-Inch **P** | 8,880.000<br>LF | _____.____ | _____.____ |
| 0230 | 504.0500<br>Concrete Masonry Retaining Walls **P** | 4,121.000<br>CY | _____.____ | _____.____ |
| 0232 | 505.0400<br>Bar Steel Reinforcement HS Structures | 3,920.000<br>LB | _____.____ | _____.____ |

Proposal ID: 20180522002 Project(s): 1030-11-72, 1030-11-79, 1030-11-80, 1030-25-79

Federal ID(s): WISC 2018335, WISC 2018327, WISC 2018328, WISC 2018329

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 0234 | 505.0600<br>Bar Steel Reinforcement HS Coated Structures | 1,189,300.000<br>LB | _____.____ | _____.____ |
| 0236 | 505.0800.S<br>Bar Steel Reinforcement HS Stainless Structures | 15,520.000<br>LB | _____.____ | _____.____ |
| 0238 | 506.2605<br>Bearing Pads Elastomeric Non-Laminated **P** | 168.000<br>EACH | _____.____ | _____.____ |
| 0240 | 506.4000<br>Steel Diaphragms (structure) 006. B-51-134 **P** | 24.000<br>EACH | _____.____ | _____.____ |
| 0242 | 506.4000<br>Steel Diaphragms (structure) 008. B-51-135 **P** | 24.000<br>EACH | _____.____ | _____.____ |
| 0244 | 506.4000<br>Steel Diaphragms (structure) 009. B-51-136 **P** | 28.000<br>EACH | _____.____ | _____.____ |
| 0246 | 506.4000<br>Steel Diaphragms (structure) 010. B-51-137 **P** | 28.000<br>EACH | _____.____ | _____.____ |
| 0248 | 506.4000<br>Steel Diaphragms (structure) 030. B-51-132 **P** | 24.000<br>EACH | _____.____ | _____.____ |
| 0250 | 506.4000<br>Steel Diaphragms (structure) 032. B-51-133 **P** | 24.000<br>EACH | _____.____ | _____.____ |
| 0252 | 511.1100<br>Temporary Shoring | 21,330.000<br>SF | _____.____ | _____.____ |
| 0254 | 511.1200<br>Temporary Shoring (structure) 009. B-51-135 | 1,100.000<br>SF | _____.____ | _____.____ |
| 0256 | 511.1200<br>Temporary Shoring (structure) 010. B-51-136 | 880.000<br>SF | _____.____ | _____.____ |
| 0258 | 511.1200<br>Temporary Shoring (structure) 011. B-51-137 | 3,498.000<br>SF | _____.____ | _____.____ |

Proposal ID: 20180522002 Project(s): 1030-11-72, 1030-11-79, 1030-11-80, 1030-25-79

Federal ID(s): WISC 2018335, WISC 2018327, WISC 2018328, WISC 2018329

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 0260 | 511.1200<br>Temporary Shoring (structure) 012. B-51-133 | 280.000<br>SF | _____.____ | _____.____ |
| 0262 | 513.4091<br>Railing Tubular Screening (structure) 402. R-51-55 | 27.000<br>LF | _____.____ | _____.____ |
| 0264 | 513.4091<br>Railing Tubular Screening (structure) 403. R-51-56 | 43.000<br>LF | _____.____ | _____.____ |
| 0266 | 516.0500<br>Rubberized Membrane Waterproofing **P** | 778.000<br>SY | _____.____ | _____.____ |
| 0268 | 517.1010.S<br>Concrete Staining (structure) 405. B-51-134 **P** | 2,400.000<br>SF | _____.____ | _____.____ |
| 0270 | 517.1010.S<br>Concrete Staining (structure) 406. B-51-135 **P** | 2,486.000<br>SF | _____.____ | _____.____ |
| 0272 | 517.1010.S<br>Concrete Staining (structure) 407. B-51-136 **P** | 4,906.000<br>SF | _____.____ | _____.____ |
| 0274 | 517.1010.S<br>Concrete Staining (structure) 408. B-51-137 **P** | 4,931.000<br>SF | _____.____ | _____.____ |
| 0276 | 517.1010.S<br>Concrete Staining (structure) 419. B-51-132 **P** | 2,370.000<br>SF | _____.____ | _____.____ |
| 0278 | 517.1010.S<br>Concrete Staining (structure) 420. B-51-133 **P** | 2,370.000<br>SF | _____.____ | _____.____ |
| 0280 | 517.1010.S<br>Concrete Staining (structure) 430. R-51-57 **P** | 18,370.000<br>SF | _____.____ | _____.____ |
| 0282 | 517.1010.S<br>Concrete Staining (structure) 431. R-51-58 **P** | 4,960.000<br>SF | _____.____ | _____.____ |
| 0284 | 517.1010.S<br>Concrete Staining (structure) 440. R-51-53 **P** | 15,920.000<br>SF | _____.____ | _____.____ |

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Federal ID(s): WISC 2018335, WISC 2018327, WISC 2018328, WISC 2018329

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 0286 | 517.1010.S<br>Concrete Staining (structure) 441. R-51-54 **P** | 12,610.000<br>SF | _____.____ | _____.____ |
| 0288 | 517.1010.S<br>Concrete Staining (structure) 442. R-51-55 **P** | 25,679.000<br>SF | _____.____ | _____.____ |
| 0290 | 517.1010.S<br>Concrete Staining (structure) 443. R-51-56 **P** | 16,502.000<br>SF | _____.____ | _____.____ |
| 0292 | 517.1010.S<br>Concrete Staining (structure) 449. S-51-222 **P** | 180.000<br>SF | _____.____ | _____.____ |
| 0294 | 517.1010.S<br>Concrete Staining (structure) 450. S-51-223 **P** | 180.000<br>SF | _____.____ | _____.____ |
| 0296 | 517.1050.S<br>Architectural Surface Treatment (structure) 406. B-51-135 **P** | 32.000<br>SF | _____.____ | _____.____ |
| 0298 | 517.1050.S<br>Architectural Surface Treatment (structure) 407. B-51-136 **P** | 32.000<br>SF | _____.____ | _____.____ |
| 0300 | 517.1050.S<br>Architectural Surface Treatment (structure) 408. B-51-137 **P** | 32.000<br>SF | _____.____ | _____.____ |
| 0302 | 517.1050.S<br>Architectural Surface Treatment (structure) 430. R-51-57 **P** | 1,700.000<br>SF | _____.____ | _____.____ |
| 0304 | 517.1050.S<br>Architectural Surface Treatment (structure) 440. R-51-53 **P** | 1,100.000<br>SF | _____.____ | _____.____ |
| 0306 | 517.1050.S<br>Architectural Surface Treatment (structure) 441. R-51-54 **P** | 900.000<br>SF | _____.____ | _____.____ |
| 0308 | 517.1050.S<br>Architectural Surface Treatment (structure) 442. R-51-55 **P** | 1,200.000<br>SF | _____.____ | _____.____ |
| 0310 | 517.1050.S<br>Architectural Surface Treatment (structure) 443. R-51-56 **P** | 900.000<br>SF | _____.____ | _____.____ |

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Federal ID(s): WISC 2018335, WISC 2018327, WISC 2018328, WISC 2018329

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 0312 | 520.8000<br>Concrete Collars for Pipe | 4.000<br>EACH | _____.____ | _____.____ |
| 0314 | 520.8700<br>Cleaning Culvert Pipes | 4.000<br>EACH | _____.____ | _____.____ |
| 0316 | 521.1012<br>Apron Endwalls for Culvert Pipe Steel 12-Inch | 2.000<br>EACH | _____.____ | _____.____ |
| 0318 | 522.1012<br>Apron Endwalls for Culvert Pipe Reinforced Concrete 12-Inch | 3.000<br>EACH | _____.____ | _____.____ |
| 0320 | 522.1015<br>Apron Endwalls for Culvert Pipe Reinforced Concrete 15-Inch | 1.000<br>EACH | _____.____ | _____.____ |
| 0322 | 522.1024<br>Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch | 30.000<br>EACH | _____.____ | _____.____ |
| 0324 | 522.1030<br>Apron Endwalls for Culvert Pipe Reinforced Concrete 30-Inch | 5.000<br>EACH | _____.____ | _____.____ |
| 0326 | 522.1036<br>Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch | 3.000<br>EACH | _____.____ | _____.____ |
| 0328 | 522.2619<br>Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 19x30-Inch | 4.000<br>EACH | _____.____ | _____.____ |
| 0330 | 524.0624<br>Apron Endwalls for Culvert Pipe Salvaged 24-Inch | 3.000<br>EACH | _____.____ | _____.____ |
| 0332 | 550.0500<br>Pile Points **P** | 98.000<br>EACH | _____.____ | _____.____ |
| 0334 | 550.0600<br>Pile Redriving | 36.000<br>EACH | _____.____ | _____.____ |
| 0336 | 550.2126<br>Piling CIP Concrete 12 3/4 X 0.375-Inch | 19,810.000<br>LF | _____.____ | _____.____ |
| 0338 | 601.0409<br>Concrete Curb & Gutter 30-Inch Type A **P** | 3,845.000<br>LF | _____.____ | _____.____ |

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Federal ID(s): WISC 2018335, WISC 2018327, WISC 2018328, WISC 2018329

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 0340 | 601.0553<br>Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type D **P** | 1,313.000<br>LF | _____.____ | _____.____ |
| 0342 | 601.0555<br>Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type A **P** | 860.000<br>LF | _____.____ | _____.____ |
| 0344 | 602.0410<br>Concrete Sidewalk 5-Inch **P** | 3,475.000<br>SF | _____.____ | _____.____ |
| 0346 | 602.2400<br>Concrete Safety Islands **P** | 4,105.000<br>SF | _____.____ | _____.____ |
| 0348 | 603.1142<br>Concrete Barrier Type S42 **P** | 74,801.000<br>LF | _____.____ | _____.____ |
| 0350 | 603.1156<br>Concrete Barrier Type S56 **P** | 256.000<br>LF | _____.____ | _____.____ |
| 0352 | 603.1442<br>Concrete Barrier Type S42C **P** | 1,600.000<br>LF | _____.____ | _____.____ |
| 0354 | 603.1456<br>Concrete Barrier Type S56C **P** | 75.000<br>LF | _____.____ | _____.____ |
| 0356 | 603.2156<br>Concrete Barrier Fixed Object Protection Type S56 **P** | 44.000<br>LF | _____.____ | _____.____ |
| 0358 | 603.3559<br>Concrete Barrier Transition Type S42 to S56 | 13.000<br>EACH | _____.____ | _____.____ |
| 0360 | 603.8000<br>Concrete Barrier Temporary Precast Delivered | 43,822.000<br>LF | _____.____ | _____.____ |
| 0362 | 603.8125<br>Concrete Barrier Temporary Precast Installed | 144,591.000<br>LF | _____.____ | _____.____ |
| 0364 | 606.0100<br>Riprap Light | 240.000<br>CY | _____.____ | _____.____ |
| 0366 | 606.0200<br>Riprap Medium | 980.000<br>CY | _____.____ | _____.____ |
| 0368 | 606.0300<br>Riprap Heavy | 27.000<br>CY | _____.____ | _____.____ |

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Federal ID(s): WISC 2018335, WISC 2018327, WISC 2018328, WISC 2018329

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 0370 | 608.0312<br>Storm Sewer Pipe Reinforced Concrete Class III 12-Inch | 963.000<br>LF | _____.____ | _____.____ |
| 0372 | 608.0315<br>Storm Sewer Pipe Reinforced Concrete Class III 15-Inch | 47.000<br>LF | _____.____ | _____.____ |
| 0374 | 608.0318<br>Storm Sewer Pipe Reinforced Concrete Class III 18-Inch | 387.000<br>LF | _____.____ | _____.____ |
| 0376 | 608.0324<br>Storm Sewer Pipe Reinforced Concrete Class III 24-Inch | 2,396.000<br>LF | _____.____ | _____.____ |
| 0378 | 608.0330<br>Storm Sewer Pipe Reinforced Concrete Class III 30-Inch | 759.000<br>LF | _____.____ | _____.____ |
| 0380 | 608.0336<br>Storm Sewer Pipe Reinforced Concrete Class III 36-Inch | 160.000<br>LF | _____.____ | _____.____ |
| 0382 | 608.0342<br>Storm Sewer Pipe Reinforced Concrete Class III 42-Inch | 179.000<br>LF | _____.____ | _____.____ |
| 0384 | 608.0412<br>Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch | 1,419.000<br>LF | _____.____ | _____.____ |
| 0386 | 608.0415<br>Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch | 1,230.000<br>LF | _____.____ | _____.____ |
| 0388 | 608.0418<br>Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch | 821.000<br>LF | _____.____ | _____.____ |
| 0390 | 608.0424<br>Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch | 12,931.000<br>LF | _____.____ | _____.____ |
| 0392 | 608.0430<br>Storm Sewer Pipe Reinforced Concrete Class IV 30-Inch | 1,733.000<br>LF | _____.____ | _____.____ |
| 0394 | 608.0436<br>Storm Sewer Pipe Reinforced Concrete Class IV 36-Inch | 1,052.000<br>LF | _____.____ | _____.____ |

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Federal ID(s): WISC 2018335, WISC 2018327, WISC 2018328, WISC 2018329

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 0396 | 608.0442<br>Storm Sewer Pipe Reinforced Concrete Class IV 42-Inch | 3,405.000<br>LF | _____.____ | _____.____ |
| 0398 | 608.0448<br>Storm Sewer Pipe Reinforced Concrete Class IV 48-Inch | 162.000<br>LF | _____.____ | _____.____ |
| 0400 | 608.0512<br>Storm Sewer Pipe Reinforced Concrete Class V 12-Inch | 1,200.000<br>LF | _____.____ | _____.____ |
| 0402 | 608.2319<br>Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 19x30-Inch | 378.000<br>LF | _____.____ | _____.____ |
| 0404 | 608.2329<br>Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 29x45-Inch | 1,410.000<br>LF | _____.____ | _____.____ |
| 0406 | 608.2334<br>Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 34x53-Inch | 799.000<br>LF | _____.____ | _____.____ |
| 0408 | 608.2338<br>Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 38x60-Inch | 303.000<br>LF | _____.____ | _____.____ |
| 0410 | 608.2414<br>Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 14x23-Inch | 86.000<br>LF | _____.____ | _____.____ |
| 0412 | 608.2419<br>Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 19x30-Inch | 1,293.000<br>LF | _____.____ | _____.____ |
| 0414 | 608.2434<br>Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 34x53-Inch | 11.000<br>LF | _____.____ | _____.____ |
| 0416 | 611.0420<br>Reconstructing Manholes | 36.000<br>EACH | _____.____ | _____.____ |

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SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 0418 | 611.0430<br>Reconstructing Inlets | 6.000<br>EACH | _____.____ | _____.____ |
| 0420 | 611.0535<br>Manhole Covers Type J-Special | 38.000<br>EACH | _____.____ | _____.____ |
| 0422 | 611.0606<br>Inlet Covers Type B | 10.000<br>EACH | _____.____ | _____.____ |
| 0424 | 611.0610<br>Inlet Covers Type BW | 335.000<br>EACH | _____.____ | _____.____ |
| 0426 | 611.0624<br>Inlet Covers Type H | 32.000<br>EACH | _____.____ | _____.____ |
| 0428 | 611.0627<br>Inlet Covers Type HM | 11.000<br>EACH | _____.____ | _____.____ |
| 0430 | 611.0642<br>Inlet Covers Type MS | 53.000<br>EACH | _____.____ | _____.____ |
| 0432 | 611.0651<br>Inlet Covers Type S | 60.000<br>EACH | _____.____ | _____.____ |
| 0434 | 611.0654<br>Inlet Covers Type V | 4.000<br>EACH | _____.____ | _____.____ |
| 0436 | 611.2004<br>Manholes 4-FT Diameter | 13.000<br>EACH | _____.____ | _____.____ |
| 0438 | 611.2005<br>Manholes 5-FT Diameter | 98.000<br>EACH | _____.____ | _____.____ |
| 0440 | 611.2006<br>Manholes 6-FT Diameter | 34.000<br>EACH | _____.____ | _____.____ |
| 0442 | 611.2008<br>Manholes 8-FT Diameter | 16.000<br>EACH | _____.____ | _____.____ |
| 0444 | 611.3003<br>Inlets 3-FT Diameter | 61.000<br>EACH | _____.____ | _____.____ |
| 0446 | 611.3004<br>Inlets 4-FT Diameter | 223.000<br>EACH | _____.____ | _____.____ |
| 0448 | 611.3220<br>Inlets 2x2-FT | 2.000<br>EACH | _____.____ | _____.____ |

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SECTION: 0001 Contract Items

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|---|---|---|---|---|
| 0450 | 611.3225<br>Inlets 2x2.5-FT | 7.000<br>EACH | _____.____ | _____.____ |
| 0452 | 611.3230<br>Inlets 2x3-FT | 18.000<br>EACH | _____.____ | _____.____ |
| 0454 | 611.3901<br>Inlets Median 1 Grate | 16.000<br>EACH | _____.____ | _____.____ |
| 0456 | 611.3902<br>Inlets Median 2 Grate | 10.000<br>EACH | _____.____ | _____.____ |
| 0458 | 611.3903<br>Inlets Median 3 Grate | 4.000<br>EACH | _____.____ | _____.____ |
| 0460 | 611.3904<br>Inlets Median 4 Grate | 2.000<br>EACH | _____.____ | _____.____ |
| 0462 | 611.8110<br>Adjusting Manhole Covers | 1.000<br>EACH | _____.____ | _____.____ |
| 0464 | 611.8115<br>Adjusting Inlet Covers | 7.000<br>EACH | _____.____ | _____.____ |
| 0466 | 611.8120.S<br>Cover Plates Temporary | 14.000<br>EACH | _____.____ | _____.____ |
| 0468 | 611.9710<br>Salvaged Inlet Covers | 5.000<br>EACH | _____.____ | _____.____ |
| 0470 | 612.0106<br>Pipe Underdrain 6-Inch | 53,424.000<br>LF | _____.____ | _____.____ |
| 0472 | 612.0206<br>Pipe Underdrain Unperforated 6-Inch | 1,142.000<br>LF | _____.____ | _____.____ |
| 0474 | 612.0406<br>Pipe Underdrain Wrapped 6-Inch | 8,248.000<br>LF | _____.____ | _____.____ |
| 0476 | 612.0700<br>Drain Tile Exploration | 2,450.000<br>LF | _____.____ | _____.____ |
| 0478 | 612.0806<br>Apron Endwalls for Underdrain Reinforced Concrete 6-Inch | 25.000<br>EACH | _____.____ | _____.____ |
| 0480 | 614.0010<br>Barrier System Grading Shaping Finishing | 8.000<br>EACH | _____.____ | _____.____ |

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|---|---|---|---|---|
| 0482 | 614.0150<br>Anchor Assemblies for Steel Plate Beam Guard | 2.000<br>EACH | _____.____ | _____.____ |
| 0484 | 614.0396<br>Guardrail Mow Strip Asphalt | 443.000<br>SY | _____.____ | _____.____ |
| 0486 | 614.0805<br>Crash Cushions Permanent Low Maintenance | 3.000<br>EACH | _____.____ | _____.____ |
| 0488 | 614.0905<br>Crash Cushions Temporary | 39.000<br>EACH | _____.____ | _____.____ |
| 0490 | 614.0920<br>Salvaged Rail **P** | 524.000<br>LF | _____.____ | _____.____ |
| 0492 | 614.0925<br>Salvaged Guardrail End Treatments | 6.000<br>EACH | _____.____ | _____.____ |
| 0494 | 614.0930<br>Salvaged Crash Cushions | 6.000<br>EACH | _____.____ | _____.____ |
| 0496 | 614.2300<br>MGS Guardrail 3 | 439.000<br>LF | _____.____ | _____.____ |
| 0498 | 614.2500<br>MGS Thrie Beam Transition | 280.000<br>LF | _____.____ | _____.____ |
| 0500 | 614.2610<br>MGS Guardrail Terminal EAT | 10.000<br>EACH | _____.____ | _____.____ |
| 0502 | 614.2620<br>MGS Guardrail Terminal Type 2 | 3.000<br>EACH | _____.____ | _____.____ |
| 0504 | 616.0100<br>Fence Woven Wire (height) 001. 4-FT | 42,572.000<br>LF | _____.____ | _____.____ |
| 0506 | 616.0700.S<br>Fence Safety | 7,352.000<br>LF | _____.____ | _____.____ |
| 0508 | 618.0100<br>Maintenance And Repair of Haul Roads (project) 004. 1030-11-80 | 1.000<br>EACH | _____.____ | _____.____ |
| 0510 | 618.0100<br>Maintenance And Repair of Haul Roads (project) 005. 1030-11-79 | 1.000<br>EACH | _____.____ | _____.____ |

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SECTION: 0001 Contract Items

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|---|---|---|---|---|
| 0512 | 618.0100<br>Maintenance And Repair of Haul Roads (project) 020. 1030-11-72 | 1.000<br>EACH | _____._____ | _____._____ |
| 0514 | 618.0100<br>Maintenance And Repair of Haul Roads (project) 021. 1030-25-79 | 1.000<br>EACH | _____._____ | _____._____ |
| 0516 | 619.1000<br>Mobilization | 1.000<br>EACH | _____._____ | _____._____ |
| 0518 | 620.0300<br>Concrete Median Sloped Nose **P** | 865.000<br>SF | _____._____ | _____._____ |
| 0520 | 623.0200<br>Dust Control Surface Treatment | 520,750.000<br>SY | _____._____ | _____._____ |
| 0522 | 624.0100<br>Water | 6,820.000<br>MGAL | _____._____ | _____._____ |
| 0524 | 625.0100<br>Topsoil | 45,820.000<br>SY | _____._____ | _____._____ |
| 0526 | 625.0500<br>Salvaged Topsoil | 179,810.000<br>SY | _____._____ | _____._____ |
| 0528 | 627.0200<br>Mulching | 78,244.000<br>SY | _____._____ | _____._____ |
| 0530 | 628.1104<br>Erosion Bales | 346.000<br>EACH | _____._____ | _____._____ |
| 0532 | 628.1504<br>Silt Fence | 8,988.000<br>LF | _____._____ | _____._____ |
| 0534 | 628.1520<br>Silt Fence Maintenance | 8,988.000<br>LF | _____._____ | _____._____ |
| 0536 | 628.1905<br>Mobilizations Erosion Control | 60.000<br>EACH | _____._____ | _____._____ |
| 0538 | 628.1910<br>Mobilizations Emergency Erosion Control | 74.000<br>EACH | _____._____ | _____._____ |
| 0540 | 628.2004<br>Erosion Mat Class I Type B | 144,972.000<br>SY | _____._____ | _____._____ |
| 0542 | 628.2008<br>Erosion Mat Urban Class I Type B | 10,341.000<br>SY | _____._____ | _____._____ |

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Federal ID(s): WISC 2018335, WISC 2018327, WISC 2018328, WISC 2018329

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 0544 | 628.2027<br>Erosion Mat Class II Type C | 6,740.000<br>SY | _____.____ | _____.____ |
| 0546 | 628.5505<br>Polyethylene Sheeting | 2,000.000<br>SY | _____.____ | _____.____ |
| 0548 | 628.6505<br>Soil Stabilizer Type A | 4.790<br>ACRE | _____.____ | _____.____ |
| 0550 | 628.6510<br>Soil Stabilizer Type B | 18.400<br>ACRE | _____.____ | _____.____ |
| 0552 | 628.7005<br>Inlet Protection Type A | 542.000<br>EACH | _____.____ | _____.____ |
| 0554 | 628.7010<br>Inlet Protection Type B | 337.000<br>EACH | _____.____ | _____.____ |
| 0556 | 628.7015<br>Inlet Protection Type C | 24.000<br>EACH | _____.____ | _____.____ |
| 0558 | 628.7020<br>Inlet Protection Type D | 164.000<br>EACH | _____.____ | _____.____ |
| 0560 | 628.7504<br>Temporary Ditch Checks | 3,442.000<br>LF | _____.____ | _____.____ |
| 0562 | 628.7555<br>Culvert Pipe Checks | 178.000<br>EACH | _____.____ | _____.____ |
| 0564 | 628.7560<br>Tracking Pads | 40.000<br>EACH | _____.____ | _____.____ |
| 0566 | 628.7570<br>Rock Bags | 993.000<br>EACH | _____.____ | _____.____ |
| 0568 | 630.0160<br>Seeding Mixture No. 60 | 85.000<br>LB | _____.____ | _____.____ |
| 0570 | 630.0200<br>Seeding Temporary | 3,847.000<br>LB | _____.____ | _____.____ |
| 0572 | 633.0100<br>Delineator Posts Steel | 86.000<br>EACH | _____.____ | _____.____ |
| 0574 | 633.0500<br>Delineator Reflectors | 288.000<br>EACH | _____.____ | _____.____ |

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Federal ID(s): WISC 2018335, WISC 2018327, WISC 2018328, WISC 2018329

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 0576 | 633.1000<br>Delineator Brackets | 776.000<br>EACH | _____.____ | _____.____ |
| 0578 | 633.5200<br>Markers Culvert End | 42.000<br>EACH | _____.____ | _____.____ |
| 0580 | 634.0618<br>Posts Wood 4x6-Inch X 18-FT | 141.000<br>EACH | _____.____ | _____.____ |
| 0582 | 634.0622<br>Posts Wood 4x6-Inch X 22-FT | 25.000<br>EACH | _____.____ | _____.____ |
| 0584 | 634.0816<br>Posts Tubular Steel 2x2-Inch X 16-FT | 8.000<br>EACH | _____.____ | _____.____ |
| 0586 | 634.0885<br>Posts Tubular Steel 2x2-Inch X 8.5-FT | 13.000<br>EACH | _____.____ | _____.____ |
| 0588 | 635.0200<br>Sign Supports Structural Steel HS | 13,600.000<br>LB | _____.____ | _____.____ |
| 0590 | 635.0300<br>Sign Supports Replacing Base Connection Bolts | 2.000<br>EACH | _____.____ | _____.____ |
| 0592 | 636.0100<br>Sign Supports Concrete Masonry **P** | 83.200<br>CY | _____.____ | _____.____ |
| 0594 | 636.0500<br>Sign Supports Steel Reinforcement **P** | 1,362.000<br>LB | _____.____ | _____.____ |
| 0596 | 636.1500<br>Sign Supports Steel Coated Reinforcement HS **P** | 11,920.000<br>LB | _____.____ | _____.____ |
| 0598 | 637.1220<br>Signs Type I Reflective SH | 2,007.500<br>SF | _____.____ | _____.____ |
| 0600 | 637.1230<br>Signs Type I Reflective F | 18.500<br>SF | _____.____ | _____.____ |
| 0602 | 637.2210<br>Signs Type II Reflective H | 1,547.070<br>SF | _____.____ | _____.____ |
| 0604 | 637.2215<br>Signs Type II Reflective H Folding | 84.760<br>SF | _____.____ | _____.____ |
| 0606 | 637.2230<br>Signs Type II Reflective F | 249.500<br>SF | _____.____ | _____.____ |

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Federal ID(s): WISC 2018335, WISC 2018327, WISC 2018328, WISC 2018329

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 0608 | 637.5453<br>Barricades Permanent Type III | 8.000<br>EACH | _____.____ | _____.____ |
| 0610 | 638.2101<br>Moving Signs Type I | 10.000<br>EACH | _____.____ | _____.____ |
| 0612 | 638.2102<br>Moving Signs Type II | 164.000<br>EACH | _____.____ | _____.____ |
| 0614 | 638.2601<br>Removing Signs Type I | 9.000<br>EACH | _____.____ | _____.____ |
| 0616 | 638.2602<br>Removing Signs Type II | 176.000<br>EACH | _____.____ | _____.____ |
| 0618 | 638.3000<br>Removing Small Sign Supports | 147.000<br>EACH | _____.____ | _____.____ |
| 0620 | 638.3100<br>Removing Structural Steel Sign Supports | 32.000<br>EACH | _____.____ | _____.____ |
| 0622 | 638.4000<br>Moving Small Sign Supports | 147.000<br>EACH | _____.____ | _____.____ |
| 0624 | 640.1303.S<br>Pond Liner Clay | 1,500.000<br>CY | _____.____ | _____.____ |
| 0626 | 641.0600<br>Sign Bridge Single Pole Sign Support Two Signs (structure) 006. S-51-222 | LS | LUMP SUM | _____.____ |
| 0628 | 641.0600<br>Sign Bridge Single Pole Sign Support Two Signs (structure) 008. S-51-223 | LS | LUMP SUM | _____.____ |
| 0630 | 641.1200<br>Sign Bridge Cantilevered (structure) 001. S-51-20 | LS | LUMP SUM | _____.____ |
| 0632 | 641.1200<br>Sign Bridge Cantilevered (structure) 002. S-51-21 | LS | LUMP SUM | _____.____ |
| 0636 | 641.8100<br>Overhead Sign Support (structure) 003. S-51-218 | LS | LUMP SUM | _____.____ |
| 0638 | 641.8100<br>Overhead Sign Support (structure) 004. S-51-234 | LS | LUMP SUM | _____.____ |

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Federal ID(s): WISC 2018335, WISC 2018327, WISC 2018328, WISC 2018329

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 0640 | 643.0300<br>Traffic Control Drums | 400,756.000<br>DAY | _____.____ | _____.____ |
| 0642 | 643.0420<br>Traffic Control Barricades Type III | 62,981.000<br>DAY | _____.____ | _____.____ |
| 0644 | 643.0500<br>Traffic Control Flexible Tubular Marker Posts | 194.000<br>EACH | _____.____ | _____.____ |
| 0646 | 643.0600<br>Traffic Control Flexible Tubular Marker Bases | 194.000<br>EACH | _____.____ | _____.____ |
| 0648 | 643.0705<br>Traffic Control Warning Lights Type A | 119,118.000<br>DAY | _____.____ | _____.____ |
| 0650 | 643.0715<br>Traffic Control Warning Lights Type C | 69,786.000<br>DAY | _____.____ | _____.____ |
| 0652 | 643.0800<br>Traffic Control Arrow Boards | 1,553.000<br>DAY | _____.____ | _____.____ |
| 0654 | 643.0900<br>Traffic Control Signs | 410,614.000<br>DAY | _____.____ | _____.____ |
| 0656 | 643.0910<br>Traffic Control Covering Signs Type I | 60.000<br>EACH | _____.____ | _____.____ |
| 0658 | 643.0920<br>Traffic Control Covering Signs Type II | 207.000<br>EACH | _____.____ | _____.____ |
| 0660 | 643.1000<br>Traffic Control Signs Fixed Message | 2,229.500<br>SF | _____.____ | _____.____ |
| 0662 | 643.1050<br>Traffic Control Signs PCMS | 5,560.000<br>DAY | _____.____ | _____.____ |
| 0664 | 643.1051<br>Traffic Control Signs PCMS with Cellular Communications | 2,400.000<br>DAY | _____.____ | _____.____ |
| 0666 | 643.1055.S<br>Truck or Trailer Mounted Attenuator | 215.000<br>DAY | _____.____ | _____.____ |
| 0668 | 643.4100.S<br>Traffic Control Interim Lane Closure 001. IH 94 | 400.000<br>EACH | _____.____ | _____.____ |

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Federal ID(s): WISC 2018335, WISC 2018327, WISC 2018328, WISC 2018329

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 0670 | 643.5000<br>Traffic Control | 1.000<br>EACH | _____.____ | _____.____ |
| 0672 | 645.0111<br>Geotextile Type DF Schedule A **P** | 30,605.000<br>SY | _____.____ | _____.____ |
| 0674 | 645.0120<br>Geotextile Type HR | 2,125.000<br>SY | _____.____ | _____.____ |
| 0676 | 645.0130<br>Geotextile Type R | 1,035.000<br>SY | _____.____ | _____.____ |
| 0678 | 645.0220<br>Geogrid Type SR | 19,000.000<br>SY | _____.____ | _____.____ |
| 0680 | 646.1020<br>Marking Line Epoxy 4-Inch **P** | 6,208.000<br>LF | _____.____ | _____.____ |
| 0682 | 646.1040<br>Marking Line Grooved Wet Ref Epoxy 4-Inch **P** | 133,733.000<br>LF | _____.____ | _____.____ |
| 0684 | 646.1545<br>Marking Line Grooved Wet Ref Contrast Epoxy 4-Inch **P** | 1,215.000<br>LF | _____.____ | _____.____ |
| 0686 | 646.1555<br>Marking Line Grooved Contrast Permanent Tape 4-Inch **P** | 46,370.000<br>LF | _____.____ | _____.____ |
| 0688 | 646.3545<br>Marking Line Grooved Wet Ref Contrast Epoxy 8-Inch **P** | 1,670.000<br>LF | _____.____ | _____.____ |
| 0690 | 646.3555<br>Marking Line Grooved Contrast Permanent Tape 8-Inch **P** | 15,148.000<br>LF | _____.____ | _____.____ |
| 0692 | 646.5020<br>Marking Arrow Epoxy | 2.000<br>EACH | _____.____ | _____.____ |
| 0694 | 646.5520<br>Marking Outfall Epoxy | 168.000<br>EACH | _____.____ | _____.____ |
| 0696 | 646.6120<br>Marking Stop Line Epoxy 18-Inch **P** | 222.000<br>LF | _____.____ | _____.____ |
| 0698 | 646.6464.S<br>Cold Weather Marking Epoxy 4-Inch | 13,200.000<br>LF | _____.____ | _____.____ |

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SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 0700 | 646.6468.S<br>Cold Weather Marking Epoxy 8-Inch | 1,850.000<br>LF | _____.____ | _____.____ |
| 0702 | 646.7220<br>Marking Chevron Epoxy 24-Inch **P** | 758.000<br>LF | _____.____ | _____.____ |
| 0704 | 646.8120<br>Marking Curb Epoxy **P** | 40.000<br>LF | _____.____ | _____.____ |
| 0706 | 646.8220<br>Marking Island Nose Epoxy | 4.000<br>EACH | _____.____ | _____.____ |
| 0708 | 646.9000<br>Marking Removal Line 4-Inch | 32,225.000<br>LF | _____.____ | _____.____ |
| 0710 | 646.9010<br>Marking Removal Line Water Blasting 4-Inch | 85,479.000<br>LF | _____.____ | _____.____ |
| 0712 | 646.9110<br>Marking Removal Line Water Blasting 8-Inch | 10,519.000<br>LF | _____.____ | _____.____ |
| 0714 | 649.0105<br>Temporary Marking Line Paint 4-Inch | 98,269.000<br>LF | _____.____ | _____.____ |
| 0716 | 649.0120<br>Temporary Marking Line Epoxy 4-Inch | 121,729.000<br>LF | _____.____ | _____.____ |
| 0718 | 649.0150<br>Temporary Marking Line Removable Tape 4-Inch | 79,525.000<br>LF | _____.____ | _____.____ |
| 0720 | 649.0205<br>Temporary Marking Line Paint 8-Inch | 1,449.000<br>LF | _____.____ | _____.____ |
| 0722 | 649.0220<br>Temporary Marking Line Epoxy 8-Inch | 4,496.000<br>LF | _____.____ | _____.____ |
| 0724 | 649.0250<br>Temporary Marking Line Removable Tape 8-Inch | 8,974.000<br>LF | _____.____ | _____.____ |
| 0726 | 649.0520<br>Temporary Marking Arrow Epoxy | 2.000<br>EACH | _____.____ | _____.____ |
| 0728 | 649.0760<br>Temporary Marking Raised Pavement Marker Type I | 990.000<br>EACH | _____.____ | _____.____ |

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Federal ID(s): WISC 2018335, WISC 2018327, WISC 2018328, WISC 2018329

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 0730 | 649.0820<br>Temporary Marking Stop Line Epoxy 18-Inch | 112.000<br>LF | _____._____ | _____._____ |
| 0732 | 652.0125<br>Conduit Rigid Metallic 2-Inch | 30.000<br>LF | _____._____ | _____._____ |
| 0734 | 652.0225<br>Conduit Rigid Nonmetallic Schedule 40 2-Inch | 11,527.000<br>LF | _____._____ | _____._____ |
| 0736 | 652.0235<br>Conduit Rigid Nonmetallic Schedule 40 3-Inch | 1,348.000<br>LF | _____._____ | _____._____ |
| 0738 | 652.0700.S<br>Install Conduit into Existing Item | 4.000<br>EACH | _____._____ | _____._____ |
| 0740 | 652.0800<br>Conduit Loop Detector | 703.000<br>LF | _____._____ | _____._____ |
| 0742 | 653.0135<br>Pull Boxes Steel 24x36-Inch | 4.000<br>EACH | _____._____ | _____._____ |
| 0744 | 653.0140<br>Pull Boxes Steel 24x42-Inch | 44.000<br>EACH | _____._____ | _____._____ |
| 0746 | 653.0905<br>Removing Pull Boxes | 27.000<br>EACH | _____._____ | _____._____ |
| 0748 | 654.0102<br>Concrete Bases Type 2 | 1.000<br>EACH | _____._____ | _____._____ |
| 0750 | 654.0105<br>Concrete Bases Type 5 | 5.000<br>EACH | _____._____ | _____._____ |
| 0752 | 654.0106<br>Concrete Bases Type 6 | 2.000<br>EACH | _____._____ | _____._____ |
| 0754 | 654.0107<br>Concrete Bases Type 7 | 10.000<br>EACH | _____._____ | _____._____ |
| 0756 | 654.0110<br>Concrete Bases Type 10 | 1.000<br>EACH | _____._____ | _____._____ |
| 0758 | 654.0113<br>Concrete Bases Type 13 | 2.000<br>EACH | _____._____ | _____._____ |

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Federal ID(s): WISC 2018335, WISC 2018327, WISC 2018328, WISC 2018329

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 0760 | 654.0217<br>Concrete Control Cabinet Bases Type 9 Special | 1.000<br>EACH | _____.____ | _____.____ |
| 0762 | 654.1150<br>Concrete Bases Camera Pole 50-FT | 1.000<br>EACH | _____.____ | _____.____ |
| 0764 | 655.0230<br>Cable Traffic Signal 5-14 AWG | 308.000<br>LF | _____.____ | _____.____ |
| 0766 | 655.0240<br>Cable Traffic Signal 7-14 AWG | 577.000<br>LF | _____.____ | _____.____ |
| 0768 | 655.0270<br>Cable Traffic Signal 15-14 AWG | 335.000<br>LF | _____.____ | _____.____ |
| 0770 | 655.0320<br>Cable Type UF 2-10 AWG Grounded | 537.000<br>LF | _____.____ | _____.____ |
| 0772 | 655.0510<br>Electrical Wire Traffic Signals 12 AWG | 31,900.000<br>LF | _____.____ | _____.____ |
| 0774 | 655.0515<br>Electrical Wire Traffic Signals 10 AWG | 1,460.000<br>LF | _____.____ | _____.____ |
| 0776 | 655.0525<br>Electrical Wire Traffic Signals 6 AWG | 27,375.000<br>LF | _____.____ | _____.____ |
| 0778 | 655.0610<br>Electrical Wire Lighting 12 AWG | 3,399.000<br>LF | _____.____ | _____.____ |
| 0780 | 655.0620<br>Electrical Wire Lighting 8 AWG | 5,189.000<br>LF | _____.____ | _____.____ |
| 0782 | 655.0630<br>Electrical Wire Lighting 4 AWG | 498.000<br>LF | _____.____ | _____.____ |
| 0784 | 655.0700<br>Loop Detector Lead In Cable | 3,934.000<br>LF | _____.____ | _____.____ |
| 0786 | 655.0800<br>Loop Detector Wire | 2,006.000<br>LF | _____.____ | _____.____ |
| 0788 | 656.0200<br>Electrical Service Meter Breaker Pedestal (location) 002. MB-SDS-51-0016 | LS | LUMP SUM | _____.____ |

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Federal ID(s): WISC 2018335, WISC 2018327, WISC 2018328, WISC 2018329

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 0790 | 656.0200<br>Electrical Service Meter Breaker Pedestal (location) 006. IH 94 EB - CTH K | LS | LUMP SUM | _____._____ |
| 0792 | 656.0200<br>Electrical Service Meter Breaker Pedestal (location) 008. MBDP968 | LS | LUMP SUM | _____._____ |
| 0794 | 656.0200<br>Electrical Service Meter Breaker Pedestal (location) 010. MB-CCTV-51-0064 | LS | LUMP SUM | _____._____ |
| 0796 | 656.0500<br>Electrical Service Breaker Disconnect Box (location) 001. SDS-51-0016 | LS | LUMP SUM | _____._____ |
| 0798 | 656.0500<br>Electrical Service Breaker Disconnect Box (location) 008. DP968 | LS | LUMP SUM | _____._____ |
| 0800 | 656.0500<br>Electrical Service Breaker Disconnect Box (location) 010. CCTV-51-0064 | LS | LUMP SUM | _____._____ |
| 0802 | 657.0100<br>Pedestal Bases | 1.000<br>EACH | _____._____ | _____._____ |
| 0804 | 657.0210<br>Transformer Bases Breakaway 15-17 Inch Bolt Circle | 10.000<br>EACH | _____._____ | _____._____ |
| 0806 | 657.0255<br>Transformer Bases Breakaway 11 1/2-Inch Bolt Circle | 7.000<br>EACH | _____._____ | _____._____ |
| 0808 | 657.0310<br>Poles Type 3 | 1.000<br>EACH | _____._____ | _____._____ |
| 0810 | 657.0322<br>Poles Type 5-Aluminum | 7.000<br>EACH | _____._____ | _____._____ |
| 0812 | 657.0327<br>Poles Type 6-Aluminum | 2.000<br>EACH | _____._____ | _____._____ |
| 0814 | 657.0330<br>Poles Type 7 | 8.000<br>EACH | _____._____ | _____._____ |

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SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 0816 | 657.0605<br>Luminaire Arms Single Member 4 1/2-Inch Clamp 4-FT | 3.000<br>EACH | _____._____ | _____._____ |
| 0818 | 657.0640<br>Luminaire Arms Single Member 6-Inch Clamp 15-FT | 8.000<br>EACH | _____._____ | _____._____ |
| 0820 | 657.0720<br>Luminaire Arms Truss Type 6-Inch Clamp 20-FT | 4.000<br>EACH | _____._____ | _____._____ |
| 0822 | 657.1350<br>Install Poles Type 10 | 1.000<br>EACH | _____._____ | _____._____ |
| 0824 | 657.1355<br>Install Poles Type 12 | 1.000<br>EACH | _____._____ | _____._____ |
| 0826 | 657.1360<br>Install Poles Type 13 | 1.000<br>EACH | _____._____ | _____._____ |
| 0828 | 657.1530<br>Install Monotube Arms 30-FT | 1.000<br>EACH | _____._____ | _____._____ |
| 0830 | 657.1535<br>Install Monotube Arms 35-FT | 1.000<br>EACH | _____._____ | _____._____ |
| 0832 | 657.1550<br>Install Monotube Arms 50-FT | 1.000<br>EACH | _____._____ | _____._____ |
| 0834 | 657.1815<br>Install Luminaire Arms Steel 15-FT | 3.000<br>EACH | _____._____ | _____._____ |
| 0836 | 658.0173<br>Traffic Signal Face 3S 12-Inch | 9.000<br>EACH | _____._____ | _____._____ |
| 0838 | 658.0174<br>Traffic Signal Face 4S 12-Inch | 3.000<br>EACH | _____._____ | _____._____ |
| 0840 | 658.5069<br>Signal Mounting Hardware (location) 302. IH 94 EB - CTH K | LS | LUMP SUM | _____._____ |
| 0842 | 659.1125<br>Luminaires Utility LED C | 15.000<br>EACH | _____._____ | _____._____ |
| 0844 | 659.1130<br>Luminaires Utility LED D | 11.000<br>EACH | _____._____ | _____._____ |

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SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 0846 | 670.0100<br>Field System Integrator 002. 1030-11-72 Signals | LS | LUMP SUM | _____.____ |
| 0848 | 670.0100<br>Field System Integrator 003. 1030-11-72 FTMS | LS | LUMP SUM | _____.____ |
| 0850 | 670.0100<br>Field System Integrator 004. 1030-11-79 | LS | LUMP SUM | _____.____ |
| 0852 | 670.0100<br>Field System Integrator 006. 1030-11-80 | LS | LUMP SUM | _____.____ |
| 0854 | 670.0100<br>Field System Integrator 008. 1030-25-79 | LS | LUMP SUM | _____.____ |
| 0856 | 670.0200<br>ITS Documentation 002. 1030-11-72 Signals | LS | LUMP SUM | _____.____ |
| 0858 | 670.0200<br>ITS Documentation 003. 1030-11-72 FTMS | LS | LUMP SUM | _____.____ |
| 0860 | 670.0200<br>ITS Documentation 004. 1030-11-79 | LS | LUMP SUM | _____.____ |
| 0862 | 670.0200<br>ITS Documentation 006. 1030-11-80 | LS | LUMP SUM | _____.____ |
| 0864 | 670.0200<br>ITS Documentation 008. 1030-25-79 | LS | LUMP SUM | _____.____ |
| 0866 | 671.0132<br>Conduit HDPE 3-Duct 2-Inch | 23,405.000<br>LF | _____.____ | _____.____ |
| 0868 | 671.0232<br>Conduit HDPE Directional Bore 3-Duct 2-Inch | 245.000<br>LF | _____.____ | _____.____ |
| 0870 | 671.0300<br>Fiber Optic Cable Marker | 41.000<br>EACH | _____.____ | _____.____ |
| 0872 | 673.0105<br>Communication Vault Type 1 | 21.000<br>EACH | _____.____ | _____.____ |
| 0874 | 673.0200<br>Tracer Wire Marker Posts | 3.000<br>EACH | _____.____ | _____.____ |

Proposal ID: 20180522002 Project(s): 1030-11-72, 1030-11-79, 1030-11-80, 1030-25-79

Federal ID(s): WISC 2018335, WISC 2018327, WISC 2018328, WISC 2018329

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 0876 | 673.0225.S<br>Install Pole Mounted Cabinet | 3.000<br>EACH | _____.____ | _____.____ |
| 0878 | 674.0200<br>Cable Microwave Detector | 5,880.000<br>LF | _____.____ | _____.____ |
| 0880 | 674.0300<br>Remove Cable | 8,405.000<br>LF | _____.____ | _____.____ |
| 0882 | 675.0300<br>Install Mounted Controller Microwave Detector Assembly | 10.000<br>EACH | _____.____ | _____.____ |
| 0884 | 677.0150<br>Install Camera Pole 50-FT | 1.000<br>EACH | _____.____ | _____.____ |
| 0886 | 677.0200<br>Install Camera Assembly | 1.000<br>EACH | _____.____ | _____.____ |
| 0888 | 677.9051.S<br>Removing 50-FT Camera Pole | 1.000<br>EACH | _____.____ | _____.____ |
| 0890 | 677.9200.S<br>Removing CCTV Camera | 1.000<br>EACH | _____.____ | _____.____ |
| 0892 | 678.0006<br>Install Fiber Optic Cable Outdoor Plant 6-CT | 1,420.000<br>LF | _____.____ | _____.____ |
| 0894 | 678.0024<br>Install Fiber Optic Cable Outdoor Plant 24-CT | 30,020.000<br>LF | _____.____ | _____.____ |
| 0896 | 678.0072<br>Install Fiber Optic Cable Outdoor Plant 72-CT | 30,020.000<br>LF | _____.____ | _____.____ |
| 0898 | 678.0300<br>Fiber Optic Splice | 312.000<br>EACH | _____.____ | _____.____ |
| 0900 | 678.0400<br>Fiber Optic Termination | 28.000<br>EACH | _____.____ | _____.____ |
| 0902 | 678.0500<br>Communication System Testing 002. 1030-11-72 Signals | LS | LUMP SUM | _____.____ |
| 0904 | 678.0500<br>Communication System Testing 003. 1030-11-72 FTMS | LS | LUMP SUM | _____.____ |

Proposal ID: 20180522002 Project(s): 1030-11-72, 1030-11-79, 1030-11-80, 1030-25-79

Federal ID(s): WISC 2018335, WISC 2018327, WISC 2018328, WISC 2018329

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 0906 | 678.0500<br>Communication System Testing 004. 1030-11-79 | LS | LUMP SUM | _____.____ |
| 0908 | 678.0500<br>Communication System Testing 006. 1030-11-80 | LS | LUMP SUM | _____.____ |
| 0910 | 678.0500<br>Communication System Testing 008. 1030-25-79 | LS | LUMP SUM | _____.____ |
| 0912 | 678.0600<br>Install Ethernet Switches | 5.000<br>EACH | _____.____ | _____.____ |
| 0914 | 690.0150<br>Sawing Asphalt | 2,405.000<br>LF | _____.____ | _____.____ |
| 0916 | 690.0250<br>Sawing Concrete | 41,203.000<br>LF | _____.____ | _____.____ |
| 0918 | 715.0710<br>Optimized Aggregate Gradation Incentive | 342,917.000<br>DOL | 1.00000 | 342,917.00 |
| 0920 | ASP.1T0A<br>On-the-Job Training Apprentice at $5.00/HR | 7,560.000<br>HRS | 5.00000 | 37,800.00 |
| 0922 | ASP.1T0G<br>On-the-Job Training Graduate at $5.00/HR | 16,200.000<br>HRS | 5.00000 | 81,000.00 |
| 0924 | SPV.0030<br>Special 001. Fertilizer Type B Special | 226.000<br>CWT | _____.____ | _____.____ |
| 0926 | SPV.0035<br>Special 005. Backfill Slurry | 1,020.000<br>CY | _____.____ | _____.____ |
| 0928 | SPV.0035<br>Special 006. Roadway Embankment **P** | 293,930.000<br>CY | _____.____ | _____.____ |
| 0930 | SPV.0035<br>Special 007. Excavation, Hauling, and Potential Reuse of Solid Waste Soil | 820.000<br>CY | _____.____ | _____.____ |
| 0932 | SPV.0035<br>Special 008. EBS Excavation | 74,514.000<br>CY | _____.____ | _____.____ |

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Federal ID(s): WISC 2018335, WISC 2018327, WISC 2018328, WISC 2018329

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 0934 | SPV.0035<br>Special 009. EBS Backfill | 74,514.000<br>CY | _____.____ | _____.____ |
| 0936 | SPV.0035<br>Special 400. HPC Masonry Structures **P** | 2,956.000<br>CY | _____.____ | _____.____ |
| 0938 | SPV.0045<br>Special 001. Portable Speed Trailer | 788.000<br>DAY | _____.____ | _____.____ |
| 0940 | SPV.0045<br>Special 002. Dynamic Late Merge System | 153.000<br>DAY | _____.____ | _____.____ |
| 0942 | SPV.0055<br>Special 002. Dispute Resolution Board | 20,000.000<br>DOL | 1.00000 | 20,000.00 |
| 0944 | SPV.0060<br>Special 001. Box Spillway 5' X 5' | 1.000<br>EACH | _____.____ | _____.____ |
| 0946 | SPV.0060<br>Special 002. Rootstock Vegetation | 510.000<br>EACH | _____.____ | _____.____ |
| 0948 | SPV.0060<br>Special 004. Salvaging Existing Barricade Rack | 2.000<br>EACH | _____.____ | _____.____ |
| 0950 | SPV.0060<br>Special 012. Temporary Stone Ditch Checks | 20.000<br>EACH | _____.____ | _____.____ |
| 0952 | SPV.0060<br>Special 013. Fixed Message Sign Portable Support Special | 22.000<br>EACH | _____.____ | _____.____ |
| 0954 | SPV.0060<br>Special 016. Mobilizations Emergency Pavement Repair | 13.000<br>EACH | _____.____ | _____.____ |
| 0956 | SPV.0060<br>Special 018. Barricade Rack | 2.000<br>EACH | _____.____ | _____.____ |
| 0958 | SPV.0060<br>Special 027. Manhole 10-Feet | 1.000<br>EACH | _____.____ | _____.____ |
| 0960 | SPV.0060<br>Special 028. Sign Support Galvanized Posts, 8.5-FT | 4.000<br>EACH | _____.____ | _____.____ |

Proposal ID: 20180522002 Project(s): 1030-11-72, 1030-11-79, 1030-11-80, 1030-25-79

Federal ID(s): WISC 2018335, WISC 2018327, WISC 2018328, WISC 2018329

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 0962 | SPV.0060<br>Special 030. Exposing Existing Infrastructure Unpaved Area | 3.000<br>EACH | _____.____ | _____.____ |
| 0964 | SPV.0060<br>Special 031. Exposing Existing Infrastructure Paved Area | 3.000<br>EACH | _____.____ | _____.____ |
| 0966 | SPV.0060<br>Special 032. Sand Bags | 363.000<br>EACH | _____.____ | _____.____ |
| 0968 | SPV.0060<br>Special 042. Traffic Control Local Road Lane Closures | 3.000<br>EACH | _____.____ | _____.____ |
| 0970 | SPV.0060<br>Special 043. Traffic Control Close-Open Freeway Entrance Ramp | 120.000<br>EACH | _____.____ | _____.____ |
| 0972 | SPV.0060<br>Special 052. Fastening Sewer Access Covers | 120.000<br>EACH | _____.____ | _____.____ |
| 0974 | SPV.0060<br>Special 060. Surface Settlement Markers | 3.000<br>EACH | _____.____ | _____.____ |
| 0976 | SPV.0060<br>Special 062. Abandonment of Geotechnical Instrumentation | 1.000<br>EACH | _____.____ | _____.____ |
| 0978 | SPV.0060<br>Special 063. Apron Endwalls for Culvert Pipe HE Salvaged 19x30-Inch | 4.000<br>EACH | _____.____ | _____.____ |
| 0980 | SPV.0060<br>Special 070. Baseline CPM Progress Schedule | 1.900<br>EACH | _____.____ | _____.____ |
| 0982 | SPV.0060<br>Special 071. Monthly CPM Progress Schedule Updates | 84.000<br>EACH | _____.____ | _____.____ |
| 0984 | SPV.0060<br>Special 077. Pavement Marking Contrast Epoxy Special Marking Words | 16.000<br>EACH | _____.____ | _____.____ |
| 0986 | SPV.0060<br>Special 081. Pavement Marking Contrast Epoxy Special Marking Arrows Type 2 | 18.000<br>EACH | _____.____ | _____.____ |

Proposal ID: 20180522002 Project(s): 1030-11-72, 1030-11-79, 1030-11-80, 1030-25-79

Federal ID(s): WISC 2018335, WISC 2018327, WISC 2018328, WISC 2018329

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 0988 | SPV.0060<br>Special 082. Pavement Marking Contrast Epoxy Special Marking Arrows Type 3 | 5.000<br>EACH | _____.____ | _____.____ |
| 0990 | SPV.0060<br>Special 085. Pavement Marking Contrast Epoxy Special Marking Arrows Type 4 | 2.000<br>EACH | _____.____ | _____.____ |
| 0992 | SPV.0060<br>Special 086. Pavement Marking Contrast Epoxy Special Marking Arrows Type 5 | 6.000<br>EACH | _____.____ | _____.____ |
| 0994 | SPV.0060<br>Special 091. Section Corner Monuments | 9.000<br>EACH | _____.____ | _____.____ |
| 0996 | SPV.0060<br>Special 092. Reconnect Storm Sewer | 172.000<br>EACH | _____.____ | _____.____ |
| 0998 | SPV.0060<br>Special 093. Concrete Barrier Transition Type G1 | 1.000<br>EACH | _____.____ | _____.____ |
| 1000 | SPV.0060<br>Special 094. Concrete Barrier Transition Type M1 | 1.000<br>EACH | _____.____ | _____.____ |
| 1002 | SPV.0060<br>Special 095. Concrete Barrier Transition Type M2 | 1.000<br>EACH | _____.____ | _____.____ |
| 1004 | SPV.0060<br>Special 096. Temporary Sediment Traps | 25.000<br>EACH | _____.____ | _____.____ |
| 1006 | SPV.0060<br>Special 098. Maintain Crash Cushions Temporary Left In Place | 5.000<br>EACH | _____.____ | _____.____ |
| 1008 | SPV.0060<br>Special 235. 40-Foot Temporary Wood Post | 3.000<br>EACH | _____.____ | _____.____ |
| 1010 | SPV.0060<br>Special 236. Temporary Vehicle Detector Assembly | 2.000<br>EACH | _____.____ | _____.____ |
| 1012 | SPV.0060<br>Special 237. Refocusing Vehicle Detector Assembly | 13.000<br>EACH | _____.____ | _____.____ |

Proposal ID: 20180522002 Project(s): 1030-11-72, 1030-11-79, 1030-11-80, 1030-25-79

Federal ID(s): WISC 2018335, WISC 2018327, WISC 2018328, WISC 2018329

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 1014 | SPV.0060<br>Special 240. Install Temporary Traffic Camera Assembly | 1.000<br>EACH | _____.____ | _____.____ |
| 1016 | SPV.0060<br>Special 251. Ground Rod | 5.000<br>EACH | _____.____ | _____.____ |
| 1018 | SPV.0060<br>Special 254. Relocating Temporary Traffic Camera Assembly | 2.000<br>EACH | _____.____ | _____.____ |
| 1020 | SPV.0060<br>Special 255. Install Terminal Server | 1.000<br>EACH | _____.____ | _____.____ |
| 1022 | SPV.0075<br>Special 002. Boulder Obstructions | 5.000<br>HRS | _____.____ | _____.____ |
| 1024 | SPV.0075<br>Special 005. Pavement Cleanup Project 1030-11-72 | 500.000<br>HRS | _____.____ | _____.____ |
| 1026 | SPV.0075<br>Special 007. Pavement Cleanup Project 1030-11-79 | 300.000<br>HRS | _____.____ | _____.____ |
| 1028 | SPV.0075<br>Special 009. Pavement Cleanup Project 1030-25-79 | 400.000<br>HRS | _____.____ | _____.____ |
| 1030 | SPV.0075<br>Special 011. Pavement Cleanup Project 1030-11-80 | 300.000<br>HRS | _____.____ | _____.____ |
| 1032 | SPV.0075<br>Special 401. Obstructions Sign Supports Concrete Masonry | 4.000<br>HRS | _____.____ | _____.____ |
| 1034 | SPV.0085<br>Special 002. Seeding Mixture No. 30 Special | 9,036.000<br>LB | _____.____ | _____.____ |
| 1036 | SPV.0090<br>Special 018. Maintain Concrete Barrier Temporary Precast | 49,880.000<br>LF | _____.____ | _____.____ |
| 1038 | SPV.0090<br>Special 023. Temporary Glare Screen | 27,800.000<br>LF | _____.____ | _____.____ |

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Federal ID(s): WISC 2018335, WISC 2018327, WISC 2018328, WISC 2018329

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 1040 | SPV.0090<br>Special 037. Concrete Barrier Temporary Precast Anchored On Asphaltic Bridge Overlay | 110.000<br>LF | _____._____ | _____._____ |
| 1042 | SPV.0090<br>Special 052. Drain Slotted Vane Longitudinal | 4,019.000<br>LF | _____._____ | _____._____ |
| 1044 | SPV.0090<br>Special 074. Micro Tunneling Storm Sewer Reinforced Concrete Pipe Class V 36-Inch | 219.000<br>LF | _____._____ | _____._____ |
| 1046 | SPV.0090<br>Special 084. Heavy Duty Silt Fence | 9,080.000<br>LF | _____._____ | _____._____ |
| 1048 | SPV.0090<br>Special 101. Removing Overhead Lighting Cable | 173.000<br>LF | _____._____ | _____._____ |
| 1050 | SPV.0090<br>Special 403. Coring Timber Piles | 180.000<br>LF | _____._____ | _____._____ |
| 1052 | SPV.0105<br>Special 004. Survey Project 1030-11-72 | LS | LUMP SUM | _____._____ |
| 1054 | SPV.0105<br>Special 006. Survey Project 1030-11-79 | LS | LUMP SUM | _____._____ |
| 1056 | SPV.0105<br>Special 008. Survey Project 1030-25-79 | LS | LUMP SUM | _____._____ |
| 1058 | SPV.0105<br>Special 010. Survey Project 1030-11-80 | LS | LUMP SUM | _____._____ |
| 1060 | SPV.0105<br>Special 103. Underdeck Lighting Special Cth K | LS | LUMP SUM | _____._____ |
| 1062 | SPV.0105<br>Special 114. Freeway Lighting Integrator ID 1030-11-72 | LS | LUMP SUM | _____._____ |
| 1064 | SPV.0105<br>Special 120. Lighting System Survey | LS | LUMP SUM | _____._____ |
| 1066 | SPV.0105<br>Special 121. Maintenance of Lighting Systems | LS | LUMP SUM | _____._____ |

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Federal ID(s): WISC 2018335, WISC 2018327, WISC 2018328, WISC 2018329

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 1068 | SPV.0105<br>Special 301. Install State Furnished Traffic Signal Cabinet, IH 94 EB Ramps - CTH K | LS | LUMP SUM | _____.____ |
| 1070 | SPV.0105<br>Special 310. Transport Traffic Signal and Intersection Ltg Mtrls, IH 94 EB-CT | LS | LUMP SUM | _____.____ |
| 1072 | SPV.0105<br>Special 311. Install State Furnished Traffic Signal Equipment, IH 94 EB - CTH K | LS | LUMP SUM | _____.____ |
| 1074 | SPV.0105<br>Special 354. Transport and Install State Furnished FO Cable Pigtail 8-Ct, CB1 S51-1285 | LS | LUMP SUM | _____.____ |
| 1076 | SPV.0105<br>Special 355. Transport and Install State Furnished FO Cable Pigtail 8-Ct, CB1 S51-1438 | LS | LUMP SUM | _____.____ |
| 1078 | SPV.0135<br>Special 001. Vibration Monitoring | 6.000<br>MON | _____.____ | _____.____ |
| 1080 | SPV.0135<br>Special 002. Field Office Special | 22.000<br>MON | _____.____ | _____.____ |
| 1082 | SPV.0165<br>Special 401. Longitudinal Grooving Bridge Deck **P** | 77,556.000<br>SF | _____.____ | _____.____ |
| 1084 | SPV.0165<br>Special 453. Wall Concrete Panel Mechanically Stabilized Earth R-51-53 **P** | 12,234.000<br>SF | _____.____ | _____.____ |
| 1086 | SPV.0165<br>Special 454. Wall Concrete Panel Mechanically Stabilized Earth R-51-54 **P** | 9,468.000<br>SF | _____.____ | _____.____ |
| 1088 | SPV.0165<br>Special 455. Wall Concrete Panel Mechanically Stabilized Earth R-51-55 **P** | 19,477.000<br>SF | _____.____ | _____.____ |

Proposal ID: 20180522002 Project(s): 1030-11-72, 1030-11-79, 1030-11-80, 1030-25-79

Federal ID(s): WISC 2018335, WISC 2018327, WISC 2018328, WISC 2018329

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 1090 | SPV.0165<br>Special 456. Wall Concrete Panel Mechanically Stabilized Earth R-51-56 **P** | 12,604.000<br>SF | _____.____ | _____.____ |
| 1092 | SPV.0165<br>Special 457. Wall Concrete Panel Mechanically Stabilized Earth R-51-57 **P** | 13,515.000<br>SF | _____.____ | _____.____ |
| 1094 | SPV.0165<br>Special 458. Wall Concrete Panel Mechanically Stabilized Earth R-51-58 **P** | 3,562.000<br>SF | _____.____ | _____.____ |
| 1096 | SPV.0165<br>Special 473. Partial Depth Precast Prestressed Concrete Deck Panel B-51-132 | 4,840.000<br>SF | _____.____ | _____.____ |
| 1098 | SPV.0165<br>Special 474. Partial Depth Precast Prestressed Concrete Deck Panel B-51-133 | 4,840.000<br>SF | _____.____ | _____.____ |
| 1100 | SPV.0165<br>Special 475. Partial Depth Precast Prestressed Concrete Deck Panel B-51-134 | 4,829.000<br>SF | _____.____ | _____.____ |
| 1102 | SPV.0165<br>Special 476. Partial Depth Precast Prestressed Concrete Deck Panels B-51-135 | 4,829.000<br>SF | _____.____ | _____.____ |
| 1104 | SPV.0165<br>Special 477. Partial Depth Precast Prestressed Concrete Deck Panels B-51-136 | 10,111.000<br>SF | _____.____ | _____.____ |
| 1106 | SPV.0165<br>Special 478. Partial Depth Precast Prestressed Concrete Deck Panels B-51-137 | 10,111.000<br>SF | _____.____ | _____.____ |
| 1108 | SPV.0170<br>Special 002. Removal and Disposal of Invasive Plant Species | 81.000<br>STA | _____.____ | _____.____ |
| 1110 | SPV.0180<br>Special 005. Rootstock Protection | 1,100.000<br>SY | _____.____ | _____.____ |

Proposal ID: 20180522002 Project(s): 1030-11-72, 1030-11-79, 1030-11-80, 1030-25-79

Federal ID(s): WISC 2018335, WISC 2018327, WISC 2018328, WISC 2018329

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID<br>Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|---|---|---|---|---|
| 1112 | SPV.0180<br>Special 012. Concrete Pavement 12-Inch Special **P** | 404,472.000<br>SY | _____.____ | _____.____ |
| 1114 | SPV.0180<br>Special 400. Slope Paving Crushed Aggregate Special | 3,868.000<br>SY | _____.____ | _____.____ |
| 1116 | SPV.0195<br>Special 004. HMA Longitudinal Joint Repair | 1,990.000<br>TON | _____.____ | _____.____ |
| 1118 | SPV.0195<br>Special 006. Select Subbase | 1,782.000<br>TON | _____.____ | _____.____ |
| 1120 | SPV.0195<br>Special 009. Excavation, Hauling, and Disposal of Creosote Contaminated Soil | 4,215.000<br>TON | _____.____ | _____.____ |
| 1122 | SPV.0195<br>Special 011. Soil Drying Treatment | 3,667.000<br>TON | _____.____ | _____.____ |
| 1124 | SPV.0195<br>Special 012. Subgrade Strengthening Treatment | 2,350.000<br>TON | _____.____ | _____.____ |
| 1126 | SPV.0195<br>Special 015. HMA Transverse Joint Repair | 820.000<br>TON | _____.____ | _____.____ |
| 1128 | SPV.0200<br>Special 002. Manholes 4-FT Diameter Special | 82.000<br>VF | _____.____ | _____.____ |
| 1130 | 204.9060.S<br>Removing (item description) 004. Removing Cover Plates | 34.000<br>EACH | _____.____ | _____.____ |
| 1132 | SPV.0060<br>Special 258. Relocating Temporary Vehicle Detector Assembly | 1.000<br>EACH | _____.____ | _____.____ |
| | Section: 0001 | | Total: | _____.____ |

Total Bid: _____.____