



Wisconsin Department of Transportation

February 25, 2022

Division of Transportation Systems Development

Bureau of Project Development
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Madison, WI 53705

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NOTICE TO ALL CONTRACTORS:

Proposal #09: 5992-11-31/32/33, WISC 2022233
City of Madison, University Avenue
Shorewood Blvd to University Bay Drive
Local Street
Dane County

5992-11-32
City of Madison, University Avenue
Shorewood Blvd to University Bay Drive
Local Street
Dane County

5992-11-33
City of Madison, University Avenue
Shorewood Blvd to University Bay Drive
Local Street
Dane County

Letting of March 8, 2022

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

Special Provisions:

| Revised Special Provisions | |
|----------------------------|--|
| Article No. | Description |
| 4 | Traffic |
| 6 | Utilities |
| 17 | Coordination with Business and Residents |
| 22 | General Provisions for City of Madison Storm Sewer |
| 50 | Rock Excavation for Sanitary Sewer, Item SPV.0035.002 |
| 51 | Rock Excavation for Water Main, Item SPV.0035.003 |
| 64 | Storm Sewer Pipe 96-Inch Bend, Item SPV.0060.014 |
| 67 | Storm Sewer Tap, Item SPV.0060.018 |
| 70 | Construction Staking Project 5992-11-31, Item SPV.0060.021, Construction Staking Project 5992-11-33, Item SPV.0060.022 |
| 76 | Sanitary Lateral Reconnect, Item SPV.0060.032 |

| | |
|-----|--|
| 77 | Sanitary Sewer Tap, Item SPV.0060.033 |
| 96 | Rock Excavation for Concrete Bases, Item SPV.0060.061 |
| 115 | Temporary Traffic Signals (Hill), Item SPV.0060.106; Temporary Traffic Signals (Ridge), Item SPV/0060.107; Temporary Traffic Signals (Farley), Item SPV.0060.108 |
| 116 | Temporary Street Lighting System Maintenance and Operations, Item SPV.0060.109 |
| 130 | Sanitary Sewer Lateral, Item SPV.0090.020 |

| Added Special Provisions | |
|---------------------------------|--|
| Article No. | Description |
| 150 | Rock Excavation |
| 151 | Temporary Crosswalk Access Shorewood Blvd/Hill St, Item SPV.0045.001; Marshall Ct/Ridge St, Item SPV.0045.002; University Bay Dr/Farley Ave, Item SPV.0045.003 |
| 152 | External Sewer Access Structure Joint Seal, Item SPV.0060.038 |
| 153 | Private Storm Sewer Connection, Item SPV.0060.047 |
| 154 | Sanitary Sewer Pressure Pipe (C900), 10-Inch, Item SPV.0090.037; 12-Inch, Item SPV.0090.038 |
| 155 | Precast Concrete Box Culvert 12 FT x 4 FT, Item 504.2000.S.001; 15 FT x 6 FT, Item 504.2000.S.003 |
| 156 | Construction Staking Project 5992-11-31, Item SPV.0060.021, Construction Staking Project 5992-11-33, Item SPV.0060.022 |
| 157 | Construct Inside Drop 10-Inch, Item SPV.0200.002 |

| Deleted Special Provisions | |
|-----------------------------------|--|
| Article No. | Description |
| 33 | General Requirements for Blasting Rock |
| 37 | Precast Concrete Box Culvert 12 FT x 4 FT, Item 504.2000.S.001; 12 FT x 6 FT, Item 504.2000.S.002 |
| 59 | Construction Staking Sanitary Sewer, Item SPV.0060.008. |
| 60 | Construction Staking Water Main, Item SPV.0060.009. |
| 70 | Construction Staking Project 5992-11-31, Item SPV.0060.021, Construction Staking Project 5992-11-33, Item SPV.0060.022 |
| 149 | Construct Inside Drop 8-Inch, Item SPV.0200.001 |

Schedule of Items:

| Revised Bid Item Quantities | | | | | |
|------------------------------------|---|------|--------------|------------------|----------------|
| Bid Item | Item Description | Unit | Old Quantity | Revised Quantity | Proposal Total |
| 643.0900 | Traffic Control Signs | DAY | 20,300 | 1,750 | 22,050 |
| 643.1050 | Traffic Control Signs PCMS | DAY | 900 | 400 | 1,300 |
| 644.1810 | Temporary Pedestrian Barricade | LF | 400 | 400 | 800 |
| SPV.0060.027 | Furnish and Install Fluorocarbon Gaskets, 16-Inch | EACH | 13 | 29 | 36 |
| SPV.0060.056 | Clay Trench Plug | EACH | 2 | 5 | 7 |
| SPV.0090.021 | Sanitary Sewer Pipe PVC, 8-Inch | LF | 576 | 563 | 563 |
| SPV.0090.023 | Sanitary Sewer Pipe PVC, 12-Inch | LF | 697 | 460 | 460 |

| Added Bid Item Quantities | | | | | |
|----------------------------------|------------------------------------|------|--------------|------------------|----------------|
| Bid Item | Item Description | Unit | Old Quantity | Revised Quantity | Proposal Total |
| 204.0120 | Removing Asphaltic Surface Milling | SY | 0 | 8660 | 8660 |

| | | | | | |
|----------------|---|------|---|------|------|
| 504.2000.S.003 | Precast Concrete Box Culvert (15 FT X 6 FT) | LF | 0 | 50 | 50 |
| 628.7560 | Tracking Pads | EACH | 0 | 8 | 8 |
| 642.5401 | Field Office Type D | EACH | 0 | 1 | 1 |
| 644.1420 | Temporary Pedestrian Surface Plywood | SF | 0 | 1365 | 1365 |
| SPV.0045.001 | Temporary Crosswalk Access Shorewood Blvd/Hill St | DAYS | 0 | 247 | 247 |
| SPV.0045.002 | Temporary Crosswalk Access Marshall Ct/Ridge St | DAYS | 0 | 247 | 247 |
| SPV.0045.003 | Temporary Crosswalk Access University Bay Dr/Farley Ave | DAYS | 0 | 247 | 247 |
| SPV.0060.008 | Construction Staking Project 5992-11-32 | EACH | 0 | 1 | 1 |
| SPV.0060.038 | External Sewer Access Structure Joint Seal | EACH | 0 | 2 | 2 |
| SPV.0060.047 | Private Storm Sewer Connection | EACH | 0 | 8 | 8 |
| SPV.0090.037 | Sanitary Sewer Pressure Pipe (C900), 10-Inch | LF | 0 | 13 | 13 |
| SPV.0090.038 | Sanitary Sewer Pressure Pipe (C900), 12-Inch | LF | 0 | 237 | 237 |
| SPV.0200.002 | Construct Inside Drop 10-Inch | VF | 0 | 2.3 | 2.3 |

| Deleted Bid Item Quantities | | | | | |
|-----------------------------|---|------|--------------|------------------|----------------|
| Bid Item | Item Description | Unit | Old Quantity | Revised Quantity | Proposal Total |
| 204.0115 | Removing Asphaltic Surface Butt Joints | SY | 8,660 | -8,660 | 0 |
| 504.2000.S.002 | Precast Concrete Box Culvert (15 FT X 6 FT) | LF | 50 | -50 | 0 |
| 642.5201 | Field Office Type C | EACH | 1 | -1 | 0 |
| SPV.0060.008 | Construction Staking Sanitary Sewer | EACH | 1 | -1 | 0 |
| SPV.0060.009 | Construction Staking Water Main | EACH | 1 | -1 | 0 |
| SPV.0200.001 | Construct Inside Drop 8-Inch | VF | 2.3 | -2.3 | 0 |

Plan Sheets:

| Revised Plan Sheets | |
|---|---|
| Plan Sheet | Plan Sheet Title (brief description of changes to sheet) |
| 18 | Traffic Control Wedge Detail. Revise note on paying for removal |
| 57-61 | Monotube Cantilever Detail. Update stationing and add elevations |
| 64 | Plan Detail. Add note for sidewalk replacement |
| 137-138 | Utility Plan. Add clay plugs and fluorocarbon gaskets and revise note for sanitary sewer material |
| 142 | Utility Plan. Update water main crossing over sanitary sewer |
| 143 | Utility Plan. Revise note for sanitary sewer material |
| 236, 238, 240-241, 245, 247, 253, 255-256, 258, 268, 271-273, 278, 281-283, 289, 292-293, 295, 299, 303 | Traffic Control. Add Hospital Signing |

| | |
|---------|---|
| 308 | Alternate Route. Add additional signing |
| 328 | MQ. Revise Removing Asphaltic Surface Butt Joints to Removing Asphaltic Surface Milling |
| 335 | MQ. Revise Box Culvert Size |
| 338 | MQ. Add Private Storm Sewer Connections |
| 342 | MQ. Add Tracking Pads |
| 343 | MQ. Revise Temporary Pedestrian items |
| 344 | MQ. Revise Traffic Control Items |
| 364-366 | MQ. Revise Sanitary Sewer |
| 617 | R-13-360. Update coursing note |
| 625 | R-13-361. Update coursing note |

| Added Plan Sheets | |
|--------------------------|---|
| Plan Sheet | Plan Sheet Title (brief description of why sheet was added) |
| 307A | Traffic Control Detour – University Bay Drive |

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 5992-11-31/32/33
February 25, 2022

Special Provisions

4. Traffic.

Add the following section:

I Madison Metro Transit Access and Bus Stops

Maintain pedestrian access, according to current ADAAG, within the project limits to all Madison Metro Transit bus stop locations as shown in the plans. Place Temporary Bus Stop Pad as shown in the plans and as directed by the engineer. Closures of bus stops shall be according to the plans. Do not close a bus stop without approval of the engineer. Notify Madison Metro Transit a minimum of one week prior to closing a bus stop.

6. Utilities.

*Replace entire section titled **AT&T (Communication)** with the following:*

AT&T (Communication). AT&T has underground communications facilities at the following locations:
University Avenue: Along the westbound lanes from west of the beginning of the project to 147+05'EB', then shifting to the median from 147+05'EB' to 165+00'EB', then shifting to the eastbound lanes from 165+00'EB' to east of the project limits.

Shorewood: along the east side of the roadway from University Avenue to north of the project limits.

Schmitt Place: along the west side of the roadway from University Avenue to south of the project limits.

Pedestrian Path: along the path from west of the path limits to 55+05.

University Bay Drive: along the west side of the roadway from 21+45'BD' to north of the project limits with a crossing at 23+15'BD'

The AT&T facilities will be adjusted as follows:

- AT&T will need to be on site for any construction operations completed underneath the AT&T facilities. Contact AT&T at least one week prior to needing staff on site.
- The existing underground duct at the following locations will be lowered to avoid conflict with the proposed storm sewer:
 - Station 139+05'WB' to Station 139+85'WB'
 - Station 140+85'WB' to Station 141+70'WB'
 - Station 145+35'WB' to Station 146+05'WB'
 - Station 148+65'WB' to Station 149+45'WB'

This work is anticipated to take two (2) weeks during Stage 2 to complete after the existing pavement is removed. Contact AT&T at least one week prior to needing this work completed.

- The pedestal at Station 140+38'WB' will be removed.
- The existing underground duct crossing at Station 144+70'EB' will be lowered to avoid conflict with the proposed storm sewer. This duct crossing will be braced during the 96-inch storm sewer operations. This work is anticipated to take one (1) week during Stage 2 to complete after the existing pavement is removed. Contact AT&T at least one week prior to needing this work completed.

- The manhole at Station 151+55'WB', LT will be adjusted to final grade during construction. This work is anticipated to take one (1) day during Stage 2 to complete. Contact AT&T at least one week prior to needing this work completed.
- The manhole at Station 158+95'EB' and Station 159+20'EB' will be adjusted to final grade during construction. This work is anticipated to take one (1) day during Stage 5 to complete. Contact AT&T at least one week prior to needing this work completed.
- The manhole at Station 166+10'EB', RT will be adjusted to final grade during construction. This work is anticipated to take one (1) day during Stage 5 to complete. Contact AT&T at least one week prior to needing this work completed.
- A new underground facility will be installed under the south side of Catafalque Court from Station 50+25 to Station 54+00 then extend along the northern right-of-way line to University Bay Drive. This work will be completed prior to construction.
- A new underground facility will be installed from Station 59+60 to Station 55+90 along the new north right-of-way line then extend northern along University Bay Drive under the east sidewalk, then cross University Bay Drive at Station 22+80'BD' to the west terrace. This work will be completed prior to construction.

17. Coordination with Businesses and Residents.

Replace entire article language with the following:

The contractor shall arrange and conduct a meeting between the contractor, the department, affected residents, local officials and business people to discuss the project schedule of operations including vehicular and pedestrian access during construction operations. Hold the first meeting at least one week

before the start of work under this contract and hold one meeting per month thereafter. The contractor shall arrange for a suitable location for meetings that provides reasonable accommodation for public involvement. The department will prepare and coordinate publication of the meeting notices and mailings for meetings. The contractor shall schedule meetings with at least 2 weeks' prior notice to the engineer to allow for these notifications.

stp-108-060 (20141107)

22. General Provisions for City of Madison Storm Sewer.

Replace paragraph three with the following:

Seal the joints for reinforced concrete pipe with internal rubber gaskets as described in section 608.2 of the standard specifications. The use of mastic joint sealer or mortar as a pipe joint method is prohibited.

Replace paragraphs seven, eight, and nine with the following

Bid all structures (manholes and inlets) as field poured, and construct all structures as field-poured unless the contractor receives approval of the City of Madison design engineer to precast the structures. This approval will not be given until it can be confirmed that the proposed design will fit existing conditions including possible utility conflicts.

No precast approval shall be authorized for any structure until such time as all ULO's that could affect the structure/structures in question have been completed and the City of Madison design engineer has had a minimum of three working days to review all the relevant information.

Upon completion of the ULO information, the design engineer shall provide the information for revision of the storm sewer design. Once the design has been proposed any revisions to the precast submittal shall be provided to the City for review and approval. The precast submittals shall include any revised designs as necessary for consideration. The city design engineer shall have three days to approve or reject shop

drawings. Under no circumstances shall a precast structure be brought to or used on construction without written approval of shop drawings for that structure prior to its use on site. The contractor may choose to field pour structures and no additional compensation shall be provided.

33. DELETED

37. DELETED

50. Rock Excavation for Sanitary Sewer, Item SPV.0035.002.

Replace entire section titled A Description with the following:

A Description

This special provision describes providing rock excavation in accordance with the Rock Excavation article of these special provisions.

51. Rock Excavation for Water Main, Item SPV.0035.003.

Replace entire section titled A Description with the following:

A Description

This special provision describes providing rock excavation in accordance with the Rock Excavation article of these special provisions.

59. DELETED

60. DELETED

64. Storm Sewer Pipe 96-Inch Bend, Item SPV.0060.014.

Add the following to the section titled B Materials:

Submit shop drawings, sealed by a structural engineer, to the engineer in accordance with standard specification 105.2. Review does not relieve the contractor from responsibility for errors or omissions on shop drawings.

67. Storm Sewer Tap, Item SPV.0060.018.

Add the following to the section titled B Materials:

Submit shop drawings, sealed by a structural engineer, to the engineer in accordance with standard specification 105.2 for the 96-inch precast storm sewer tap. Review does not relieve the contractor from responsibility for errors or omissions on shop drawings.

Add the following to Section C Construction:

Precast any storm sewer taps for the 96-inch storm sewer pipe.

70. DELETED

76. Sanitary Lateral Reconnect, Item SPV.0060.032.

Add the following to the section titled B Materials:

Provide fittings conforming to the requirements of the American National Standard for Ductile-Iron and Gray-Iron fittings for Water and other liquids, ASA A21.10 (AWWA C110) where the sewer main being installed is Pressure Sanitary Sewer Pipe. Both long body and short body wye ductile iron fittings are acceptable for PVC Pressure Sanitary Sewer Pipe installations where there is less than 8 feet of horizontal separation from water main measured from center of each pipe and/ or where there is encroachment to a City of Madison Well (Franklin Ave.).

77. Sanitary Sewer Tap, Item SPV.0060.033.

Replace paragraph two under section titled C.2 Existing Pipe to New Structure with the following:

Provide PVC (SDR-26, SDR-35, AWWA C900) that matches the existing pipe's diameter, or the next larger diameter, to reconnect the existing sewer main or lateral. The PVC (SDR-26, SDR-35, AWWA C900) sanitary sewer pipe is considered incidental to this bid item.

96. Rock Excavation for Concrete Bases, Item SPV.0060.061.

Replace entire section titled A Description with the following:

A Description

This special provision describes providing rock excavation in accordance with the Rock Excavation article of these special provisions.

115. Temporary Traffic Signals (Hill), Item SPV.0060.106; Temporary Traffic Signals (Ridge), Item SPV/0060.107; Temporary Traffic Signals (Farley), Item SPV.0060.108.

Add the following to section titled C.1 General:

Hydro-excavation for temporary signal pole installation maybe required due to the location of various private utilities and is included in the temporary traffic signal item.

116. Temporary Street Lighting System Maintenance and Operations, Item SPV.0060.109.

Add the following to section titled C.1 General:

Hydro-excavation for temporary lighting pole installation maybe required due to the location of various private utilities and is included in the temporary traffic signal item.

130. Sanitary Sewer Lateral, Item SPV.0090.020.

Add the following to section titled B Materials:

Install AWWA C900 Class 150, DR-18 Pipe type will be installed for laterals where the sewer main being installed is Sanitary Sewer Pressure Pipe (C900).

149. DELETED

150. Rock Excavation.

Replace section 205.2.3 (1) with the following:

Weathered to increasingly more competent bedrock was encountered in the borings and the depth and consistency of these materials should be expected to vary across the site. Final rock excavation quantities shall be determined and paid in accordance with the rock excavation following definition.

Under the associated rock excavation bid items, excavate hard, solid rock in ledges, bedded deposits, and unstratified masses, and conglomerate deposits or any other material so firmly cemented they present the characteristics of solid rock, and the engineer determines it is impracticable to excavate this material without using the use of special equipment such as a pneumatic hammer, hydraulic breakers, grinders (trenchers) or single tooth rippers. Rock excavation also includes removing rock boulders having a volume of one cubic yard or more. Rock excavation shall not apply to plain or asphaltic bound bases or surface courses of macadam, gravel, or broken stone.

Due to the variability of rock depth and compression strength it is encouraged for the contractor to perform independent investigations prior to bidding.

151. Temporary Crosswalk Access Shorewood Blvd/Hill St, Item SPV.0045.001; Marshall Ct/Ridge St, Item SPV.0045.002; University Bay Dr/Farley Ave, Item SPV.0045.003.

A Description

This special provision describes maintaining accessible marked crosswalks and their sidewalk approaches across the construction zone at the intersections, to provide continuous pedestrian access as shown in the plans.

B Materials

Furnish a hard temporary pedestrian surface of asphalt, plywood, or plate according to standard spec 644.2, and SDD 15D30. Gravel or base course material is not acceptable. Asphalt cold-patch to anchor plate may only be placed outside the area intended for use by pedestrians.

Furnish temporary pedestrian barricade according to standard spec 644.2, and SDD 15D30.

Furnish temporary curb ramps accommodating drainage, according to standard spec 644.2, and SDD 15D30. Instead of the metal fixture shown in detail b of SDD 15D30, curb ramps may be constructed with temporary pedestrian surface asphalt, accommodating drainage with 4-inch diameter polyvinyl chloride drainage pipe conforming to AASHTO M 278. If the asphalt abuts pavement or curb and gutter to remain after construction, furnish a protective layer to allow easy and thorough removal of the asphalt while avoiding damage to the permanent feature. Obtain approval from the engineer for the protective layer material.

Provide white 4-inch minimum width paint lines for crosswalk pavement marking according to standard spec 649.2.

C Construction

At a minimum, maintain pedestrian access at all times across University Avenue.

Maintain accessible hard temporary pedestrian surface on existing pavement or sidewalk, new pavement or sidewalk, or temporary surface material where shown on the plans or directed by the engineer.

For temporary surface, curb ramps, and crosswalks, meet the requirements of Americans with Disabilities Act Accessibility Guidelines (ADA).

Construct temporary pedestrian surface, barricade, and curb ramps accommodating drainage according to standard spec 644.3, and SDD 15D30. In areas not already paved, form the foundation by excavating at least 3 inches, and level and compact the foundation to ensure stability.

For each crosswalk, place two 4-inch minimum-width white pavement marking lines between 4-feet and 5-feet apart. Where the marking type transitions, closely match the existing or permanent pavement marking. Remove temporary features once permanent curb ramps and crosswalks are in service and restore the site.

C.1 Temporary Crosswalks

Install, maintain, relocate (if necessary to accommodate work or operations), and remove hard temporary pedestrian surface material for crosswalks at the intersections as shown on the plans or as approved by the engineer.

The temporary crosswalk shall have a clear width between 4-feet and 5-feet, identified by pavement marking. Locate the crosswalk outside the immediate work area, as approved by the engineer.

Meet the requirements of ADA.

Where vehicular traffic does not cross, install temporary pedestrian barricade along both sides of the temporary crosswalk.

C.2 Temporary Curb Ramps

Install, maintain, and relocate (if necessary to accommodate work or operations) temporary pedestrian curb ramps for crosswalks at the intersections as shown on the plans or as approved by the engineer.

Meet the requirements of ADA.

If curb ramps are temporary pedestrian surface asphalt, place 4-inch PVC drainage pipe in the flow line of the curb and gutter to maintain storm water drainage. If the asphalt curb ramp abuts pavement or curb and gutter to remain after construction, place a protective layer between the two surfaces.

Maintain temporary curb ramps until permanent curb ramps and crosswalks are in place and open to pedestrian traffic as directed by the engineer.

C.3 Sidewalk Approaches to Temporary Curb Ramps and Crosswalks

Install, maintain, relocate (if necessary to accommodate work or operations), and remove hard temporary pedestrian surface material for sidewalk approaches to crosswalks to the intersections as shown on the plans or as approved by the engineer.

At a minimum, continually maintain access through the sidewalk and crosswalk approaches across University Avenue.

Level and compact the surface prior to placing hard temporary pedestrian surface material. The temporary surface shall have a clear width between 4-feet and 5-feet. Locate the temporary pedestrian surface outside the immediate work area, as approved by the engineer.

Meet the requirements of ADA.

Install temporary pedestrian barricade along both sides of the temporary pedestrian surface.

D Measurement

The department will measure Temporary Crosswalk Access (Intersection) by the day in service, acceptably completed. The measured quantity will equal the number of calendar days the crosswalks and their sidewalk approaches through the work area are open to pedestrian traffic. Each day any portion of crosswalk, or curb ramp, or section of sidewalk identified in this article is out of service more than one hour will result in one day being deducted from the quantity measured for payment.

E Payment

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

| ITEM NUMBER | DESCRIPTION | UNIT |
|--------------|---|------|
| SPV.0045.001 | Temporary Crosswalk Access Shorewood Blvd/Hill St | DAYS |
| SPV.0045.002 | Temporary Crosswalk Access Marshall Ct/Ridge St | DAYS |
| SPV.0045.003 | Temporary Crosswalk Access University Bay Dr/Farley Ave | DAYS |

Payment for this item is full compensation for the following, located in the work zone, at crosswalks, at curb ramps and terraces, and along sidewalk approaches to curb ramps, up to 10' outside the limits of sidewalk replacement: maintaining temporary pedestrian access to the intersection, including associated curb ramps and sidewalk approaches; for temporary pedestrian surface, temporary pedestrian barricade, temporary curb ramps accommodating drainage, including preparing the foundation, furnishing, loading, hauling, installing, maintaining, moving or relaying, and removing and disposing of the temporary white crosswalk pavement marking lines.

The following are not included with this item but will instead be measured and paid for separately: temporary pedestrian barrier more than 10' outside the area of sidewalk replacement; temporary crosswalk pavement marking after completion of lower layer HMA pavement, curb ramps, and medians; temporary traffic signals; temporary traffic control devices or signs required to maintain vehicular traffic.

152. External Sewer Access Structure Joint Seal, Item SPV.0060.038.

A Description

Furnish and install sealed barrel joints on sanitary sewer structures around the outside circumference of the Sewer Access Structure.

B Materials

Provide barrel joint seals consisting of flexible rubberized seal conforming to ASTM C923 held in place with stainless steel compression bands or butyl adhesive tape conforming to ASTM C877 or heat shrink sleeve over visco-elastic adhesive sealant. Manhole joint seals shall be a minimum of nine (9) inches wide. Acceptable products and manufacturers are the following: 1. Mac Wrap, Mar Mac Manufacturing Company, Inc. 2. NPC External Joint Seal, NPC, Inc. 3. EZ-Wrap, Press-Seal Gasket Corporation 4. Riser-Wrap, Pipeline Seal and Insulator, or equal.

C Construction

Install sealed barrel joints according to the manufacturer's instructions.

D Measurement

The department will measure External Sewer Access Structure Joint Seal by each structure acceptably completed.

E Payment

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

| ITEM NUMBER | DESCRIPTION | UNIT |
|--------------|--|------|
| SPV.0060.038 | External Sewer Access Structure Joint Seal | EACH |

Payment is full compensation for the installation of the external sewer access structure joint seal. Payment shall be for each structure where joint seals are called.

153. Private Storm Sewer Connection, Item SPV.0060.047.

A Description

Furnish and install storm sewer connection for private drainage pipes.

B Materials

Provide materials conforming to the plans and Section 507.3 (d) of the City of Madison Standard Specifications for Public Work Construction – Latest Edition.

C Construction

Use construction methods conforming to the plans and Section 507.3 (d) of the City of Madison Standard Specifications for Public Work Construction – Latest Edition.

D Measurement

The department will measure Private Storm Sewer Connection by each connection acceptably completed.

E Payment

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

| ITEM NUMBER | DESCRIPTION | UNIT |
|--------------|--------------------------------|------|
| SPV.0060.047 | Private Storm Sewer Connection | EACH |

Payment is full compensation for providing all excavation and backfilling; for proving and installing pipe and connections and incidental necessary to complete the work.

154. Sanitary Sewer Pressure Pipe (C900), 10-Inch, Item SPV.0090.037; 12-Inch, Item SPV.0090.038.

A Description

Work under this item will include installing Pressure sewer pipe (10-Inch and 12-Inch) at the alignment and grades shown on the plan set. Conduct a low pressure air test as specified in Article 501.3(b) of the City of Madison Standard Specifications for Public Works Construction – Latest Edition on all sections of the sewer mainline. A passing test is required in order to be acceptable. Include all costs associated with the testing of the gravity main in the contract unit price bid for this item. Maintain the normal flow of wastewater at all times during replacement of the existing sanitary sewer main with the new sanitary sewer main. Payment for furnishing all bypass pumping, temporary piping, and/or temporary connections, which are required to maintain the normal flow of wastewater throughout the sewer construction, is under SPV.0060.007 Wastewater Control.

B Materials

Provide all sewer pipe and fittings of solid-wall Poly (Vinyl Chloride) (PVC) conforming to the requirements of the Specification for Poly (Vinyl Chloride) (PVC) Sewer Pipe and Fittings, AWWA C900 Class 150, DR-18

Provide fittings conforming to the requirements of the American National Standard for Ductile- Iron and Gray-Iron fittings for Water and other liquids, ASA A21.10 (AWWA C110) payable separately under Sanitary Lateral Reconnect, Item SPV.0060.032

Provide joints with integral bell with elastomeric gaskets, or couplings with elastomeric gaskets. Make solvent cement as recommended by the manufacturer.

C Construction

Install sewer pipe in accordance to all applicable provisions of the City of Madison Standard Specifications for Public Works Construction – Latest Edition. Remove all abandon or existing material located within 3’ of the new sanitary sewer alignment. Removal of material (including existing sanitary sewer/water main/etc) is incidental to this bid item. Use Ductile Iron Wye pressure rated fittings to install new laterals to the new main as called for on the plans; provide and place in accordance to Article 503 of Standard Specifications for Public Works Construction – Latest Edition.

D Measurement

The department will measure Sanitary Sewer Pressure Pipe (C900), (Inch) by the linear foot, acceptably completed, to the nearest whole foot of each of the various types, classes and sizes of pipe installed at the various depths, measured along the centerline of the pipe center to center of junctions and fittings. The quantity to be paid for includes construction through Sewer Access Structures, from center of Sewer Access Structure casting to center of Sewer Access Structure casting. Main extensions continuing through Sewer Access Structures will be measured from center of Sewer Access Structure casting to the end of pipe. The

depths of installation will be measured in feet from the invert of the sewer pipe to the elevation of the existing ground. There will be no deductions from the measured lengths for wye installations.

E Payment

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

| ITEM NUMBER | DESCRIPTION | UNIT |
|--------------|--|------|
| SPV.0090.037 | Sanitary Sewer Pressure Pipe (C900), 10-Inch | LF |
| SPV.0090.038 | Sanitary Sewer Pressure Pipe (C900), 12-Inch | LF |

Payment is full compensation for furnishing all materials, except wyes, necessary to perform the work; excavation of the trench, except tunneling and jacking; installation and removal of sheeting and bracing; removal of water from the trench; disposal of surplus material from the trench; backfilling the trench and compaction of the backfill material; embankment over the sewer using surplus material from the excavation of the trench bedding the pipe; laying the pipe and installing the fittings and accessories; jointing and sealing of joints in pipe, fittings and accessories; encasement, where specified; connections to existing structures; cleaning out the sewer; restoring the site; and all other work incidental to the installation of sanitary sewers.

155. Precast Concrete Box Culvert 12 FT x 4 FT, Item 504.2000.S.001; 15 FT x 6 FT, Item 504.2000.S.003.

A Description

This special provision describes furnishing and installing precast concrete box culverts of the size and length the plans show.

B Materials

Provide materials and fabricate Precast Concrete Box Culvert according to ASTM C1577, except that the concrete mixture shall contain not less than 565 pounds of Portland cement, blended cement or Portland cement plus pozzolanic admixture per cubic yard. Slab thickness, areas of reinforcement, and other details shall be as the plans show.

Submit shop drawings of the removal and reconnections, sealed by a professional engineer, to the engineer in accordance with standard specification 105.2. Review does not relieve the contractor from responsibility for errors or omissions on shop drawings.

C (Vacant)

D Measurement

The department will measure Precast Concrete Box Culvert (size), completed according to the contract and accepted, in length by the linear foot in place. The box culvert will be measured on the centerline of the box along the flow line.

E Payment

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

| ITEM NUMBER | DESCRIPTION | UNIT |
|----------------|--|------|
| 504.2000.S.001 | Precast Concrete Box Culvert, 12 FT x 4 FT | LF |
| 504.2000.S.003 | Precast Concrete Box Culvert, 15 FT x 6 FT | LF |

Payment is full compensation for furnishing, hauling and placing the box, including joint ties, and joint sealer.

156. Construction Staking Project 5992-11-32, Item SPV.0060.008, Construction Staking Project 5992-11-31, Item SPV.0060.021, Construction Staking Project 5992-11-33, Item SPV.0060.022

A Description

Standard spec 105.6 and 650 are supplemented as noted below to define the requirements for construction staking for this contract.

Supplement standard spec 105.6.2 with the following:

The department will not perform any construction staking for this contract. The contractor shall perform all survey required to layout and construct the work under this contract, subject to engineer's approval. The survey includes establishing horizontal and vertical position for all aspects of construction including but not limited to storm sewer, sanitary sewer, watermain, subgrade, base, curb, gutter, curb and gutter, pipe culverts, structure layout, pavement (temporary and permanent), barriers (temporary and permanent), sawcut locations, pavement markings (temporary and permanent), electrical installations, supplemental control, slope stakes, curb ramps, ponds, parking lots, utilities, landscaping elements, irrigation system layout, installation of community sensitive design elements, traffic control items, fencing, etc.

Delete standard spec 650.1.

B (Vacant)

C Construction

Survey required under this item shall be according to all pertinent requirements of standard spec 650 and shall include all other miscellaneous survey required to layout and construct all work under this contract. Verify existing field conditions and adjust stakes to ensure compatibility with existing field conditions. Notify the engineer immediately if discrepancies between the proposed grades and existing field conditions are discovered.

D Measurement

The department will measure Construction Staking (project) once for the contract acceptably completed.

E Payment

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

| ITEM NUMBER | DESCRIPTION | UNIT |
|--------------|---|------|
| SPV.0060.008 | Construction Staking Project 5992-11-32 | EACH |
| SPV.0060.021 | Construction Staking Project 5992-11-31 | EACH |
| SPV.0060.022 | Construction Staking Project 5992-11-33 | EACH |

Payment is full compensation for performing all survey work required to layout and construct all work under this contract.

157. Construct Inside Drop 10-Inch, Item SPV.0200.002.

A Description

This special provision describes constructing inside drop structures on sanitary sewer access structures where shown in the drawings, or as directed by the City of Madison. Inside Drops are required if the elevation difference between the flow line of the incoming pipe and the springline of the outgoing pipe is greater than two feet.

B Materials

Provide all materials associated with this item according to Standard Detail Drawing 5.7.30 and section 507.3(d)1 of the City of Madison Standard Specifications.

C Construction

Construct Inside Drop according to section 507.3(d)1 of the City of Madison Standard Specifications.

Maintain the normal flow of wastewater at all times during installation of the sanitary sewer access structure, construction of the outside drop structure, and when connecting new and existing pipes to the structure. Complete any necessary temporary wastewater control according to the City of Madison Standard Specifications, and as described under bid item Wastewater Control item.

The department will be measure Construct Inside Drop 10-Inch by the vertical foot measured from the invert of the entree tee to the springline of the outgoing sewer according to City of Madison Standard Detail Drawing 5.7.30. If the manhole has a bench above the spring line of the outgoing sewer, the inside drop should be measured from the invert of the tee to the top of the manhole structure bench. Sanitary tap connections for the inside drop shall be considered incidental to this bid item.

Revise Section E Payment to the following:

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

| ITEM NUMBER | DESCRIPTION | UNIT |
|--------------|-------------------------------|------|
| SPV.0200.001 | Construct Inside Drop 10-Inch | VF |

Payment is full compensation for excavating, backfilling and disposing of surplus materials; for making connections; and for furnishing all tools, materials, labor and incidentals necessary to complete the work.

Schedule of Items

Attached, dated February 25, 2022, are the revised Schedule of Items Pages 1 – 28.

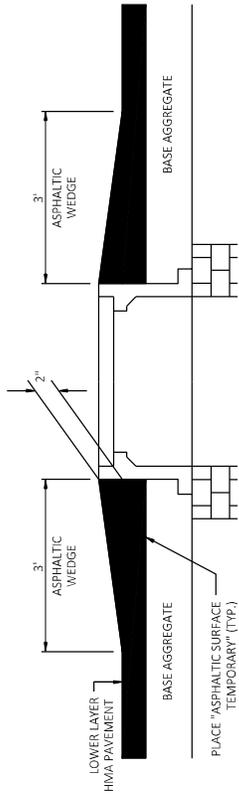
Plan Sheets

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

Revised: 18, 57-61, 64, 137-138, 142-143, 236, 238, 240-241, 245, 247, 253, 255-256, 258, 268, 271-273, 278, 281-283, 289, 292-293, 295, 299, 303, 308, 328, 335, 338, 342-344, 364-366, 617 and 625.

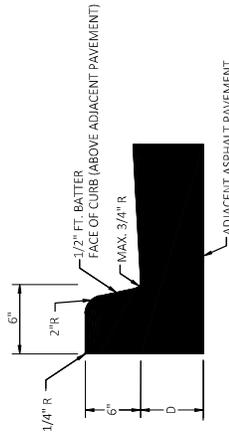
Added: 307A.

END OF ADDENDUM



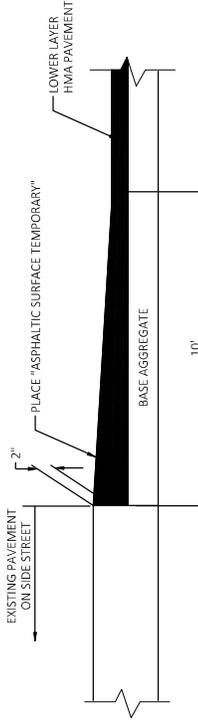
NOTES:
 REMOVAL OF ASPHALTIC WEDGES WILL BE PAID FOR AS "REMOVING ASPHALTIC SURFACE MILLING."
 PROVIDE ASPHALTIC WEDGE DEPTH TO BEING LAMINATED TO TRAFFIC.

TEMPORARY WEDGES DETAIL (MANHOLES)



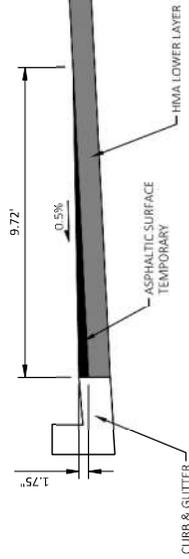
TEMPORARY ASPHALTIC CURB DETAIL

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 ID 5992-11-31/32/33
 Revised Sheet 18
 February 25, 2022



NOTES:
 REMOVAL OF ASPHALTIC WEDGES WILL BE PAID FOR AS "REMOVING ASPHALTIC SURFACE MILLING."
 PROVIDE ASPHALTIC WEDGE DEPTH TO BEING LAMINATED TO TRAFFIC.

TEMPORARY WEDGES DETAIL (MATCH POINTS)

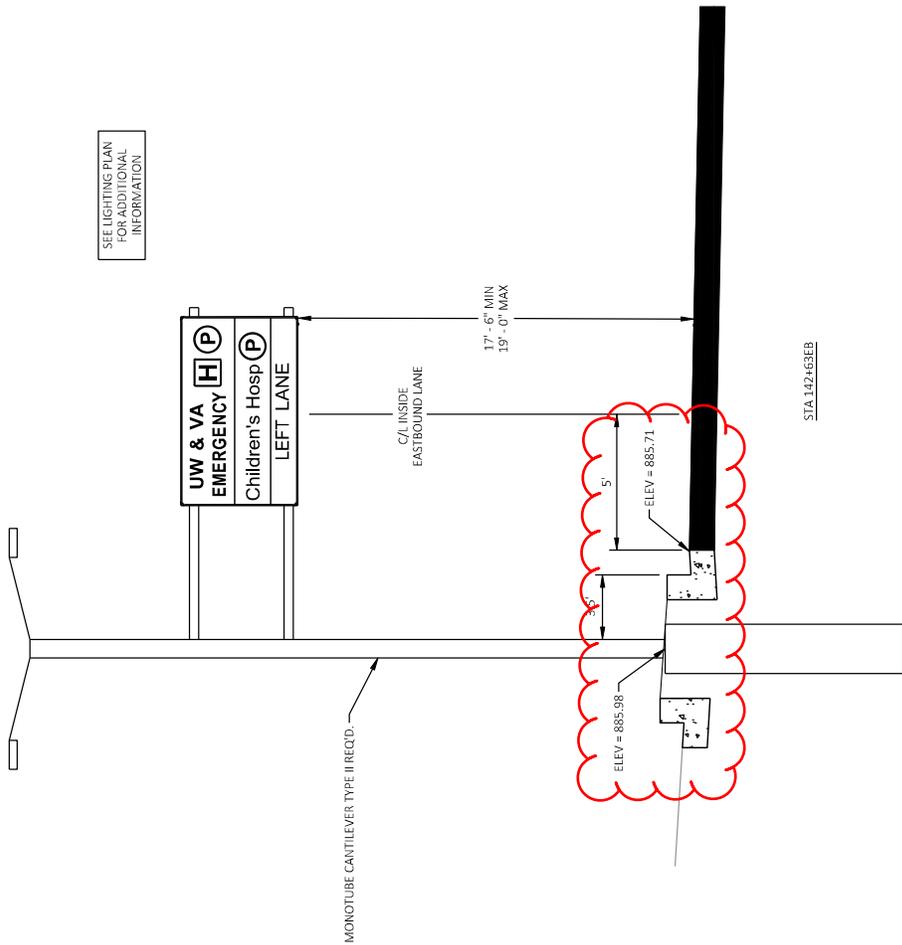


TRAFFIC CONTROL WEDGE DETAIL

NOTES:
 WEDGES WILL BE PAID FOR AS "REMOVING ASPHALTIC SURFACE MILLING."
 PROVIDE ASPHALTIC WEDGE DEPTH TO BEING LAMINATED TO TRAFFIC.

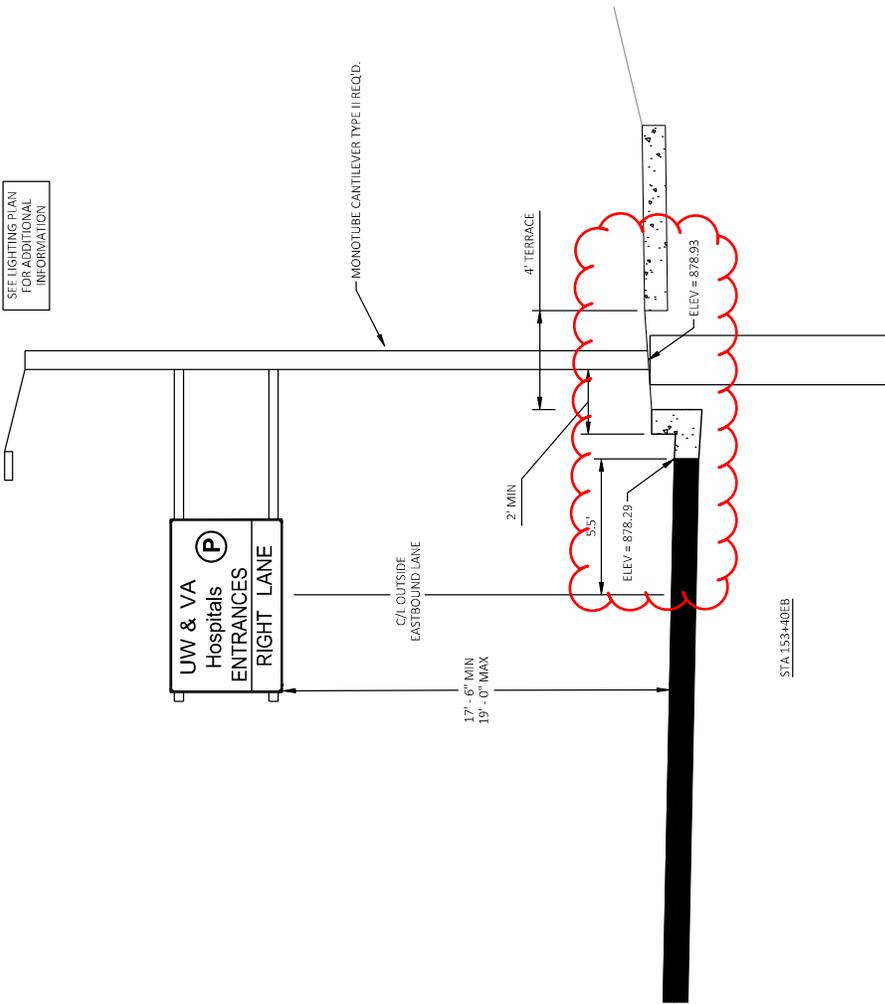
Addendum No. 01
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SEE LIGHTING PLAN
FOR ADDITIONAL
INFORMATION



Addendum No. 01
ID 5992-11-31/32/33
Revised Sheet 59
February 25, 2022

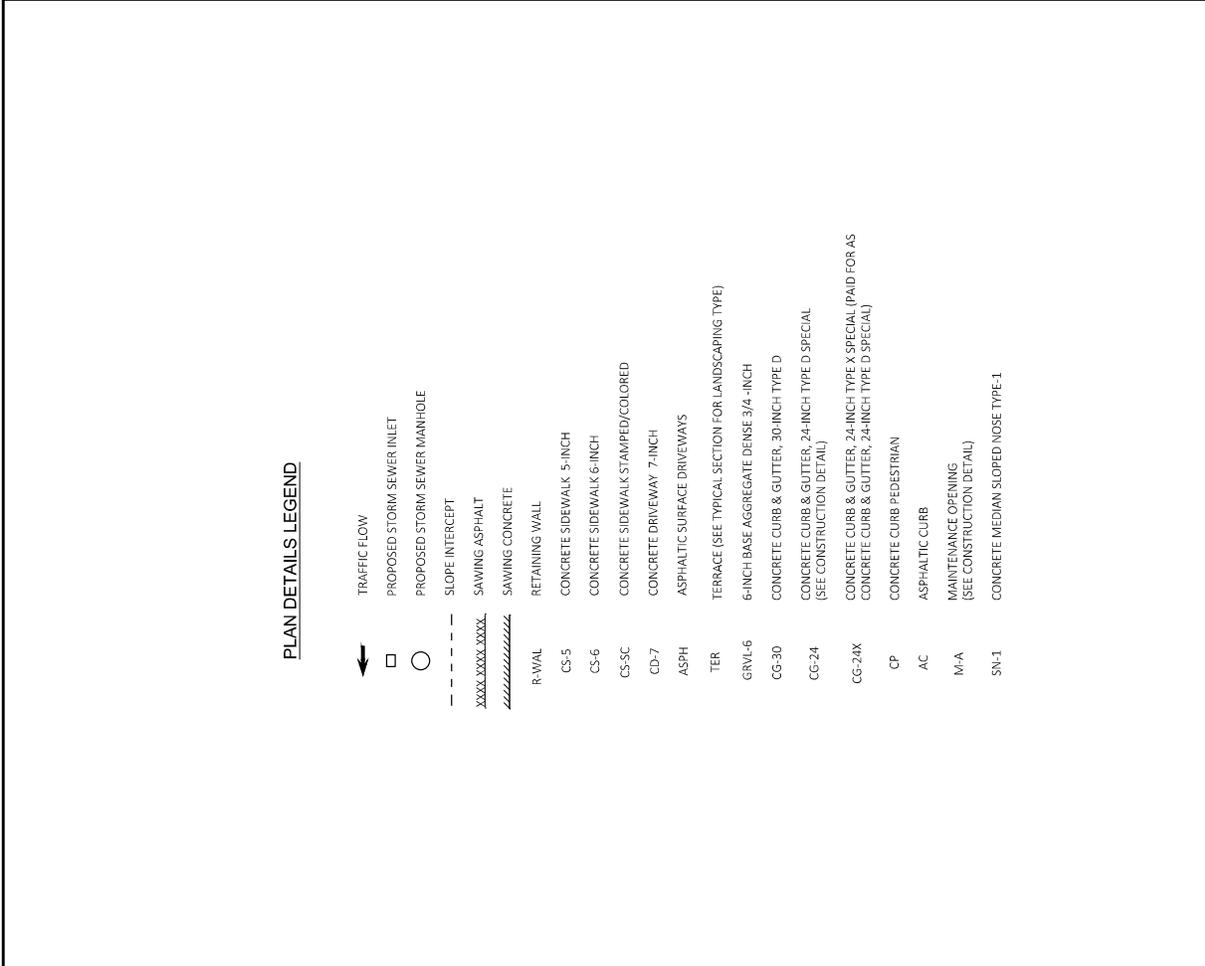
SEE LIGHTING PLAN
FOR ADDITIONAL
INFORMATION





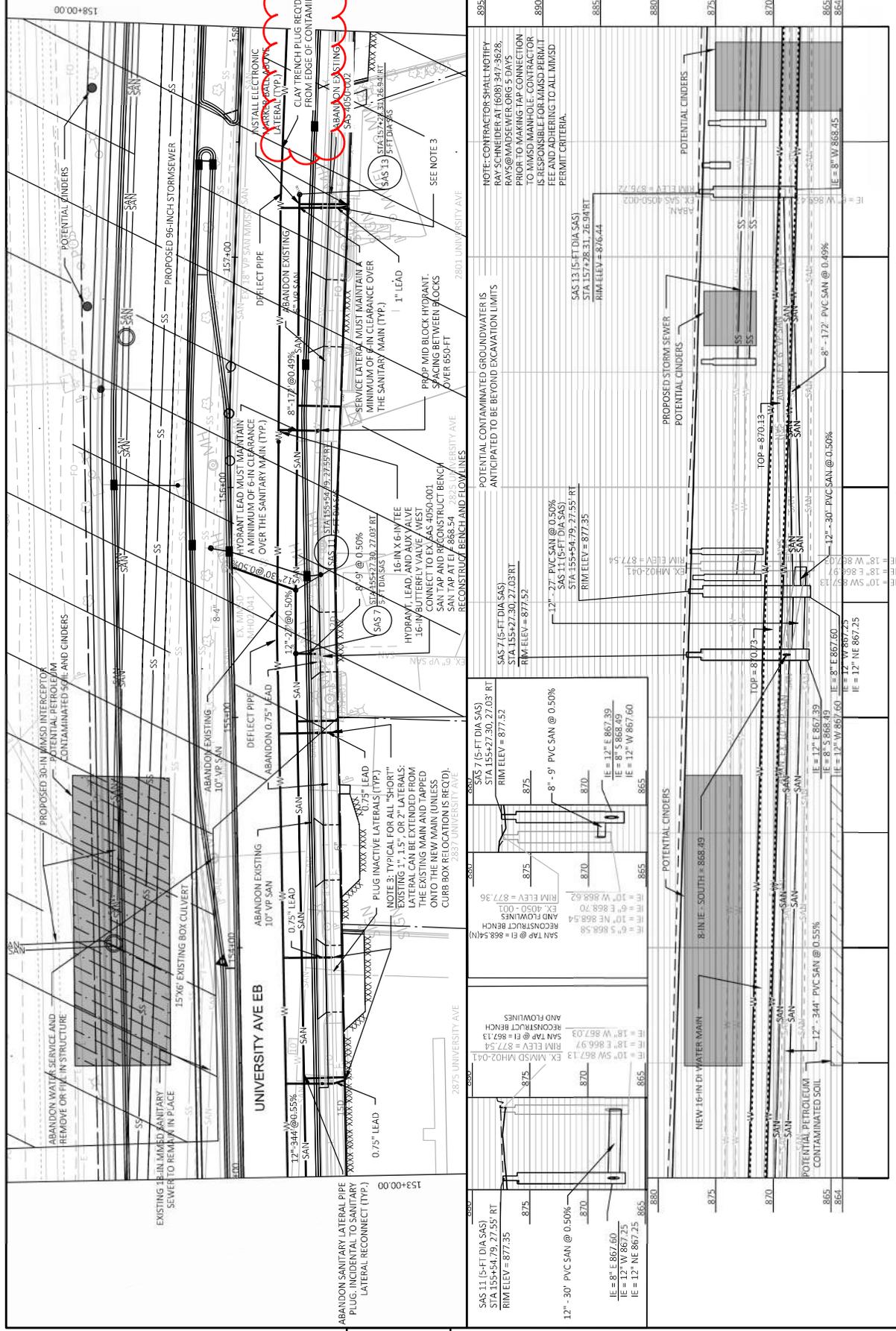
PLAN DETAILS LEGEND

- TRAFFIC FLOW
- PROPOSED STORM SEWER INLET
- PROPOSED STORM SEWER MANHOLE
- - - SLOPE INTERCEPT
- XXXX XXXX XXXX SAWING ASPHALT
- ////// SAWING CONCRETE
- R-WAL RETAINING WALL
- CS-5 CONCRETE SIDEWALK 5-INCH
- CS-6 CONCRETE SIDEWALK 6-INCH
- CS-5C CONCRETE SIDEWALK STAMPED/COLORED
- CD-7 CONCRETE DRIVEWAY 7-INCH
- ASPH ASPHALTIC SURFACE DRIVEWAYS
- TER TERRACE (SEE TYPICAL SECTION FOR LANDSCAPING TYPE)
- GRVL-6 6-INCH BASE AGGREGATE DENSE 3/4-INCH
- CG-30 CONCRETE CURB & GUTTER, 30-INCH TYPE D
- CG-24 CONCRETE CURB & GUTTER, 24-INCH TYPE D SPECIAL (SEE CONSTRUCTION DETAIL)
- CG-24X CONCRETE CURB & GUTTER, 24-INCH TYPE X SPECIAL (PAID FOR AS CONCRETE CURB & GUTTER, 24-INCH TYPE D SPECIAL)
- CP CONCRETE CURB PEDESTRIAN
- AC ASPHALTIC CURB
- M-A MAINTENANCE OPENING (SEE CONSTRUCTION DETAIL)
- SN-1 CONCRETE MEDIAN SLOPED NOSE TYPE-1



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REPLACE CONCRETE SIDEWALK
AS NEEDED FROM TEMPORARY
SIGNAL POLE INSTALLATION.

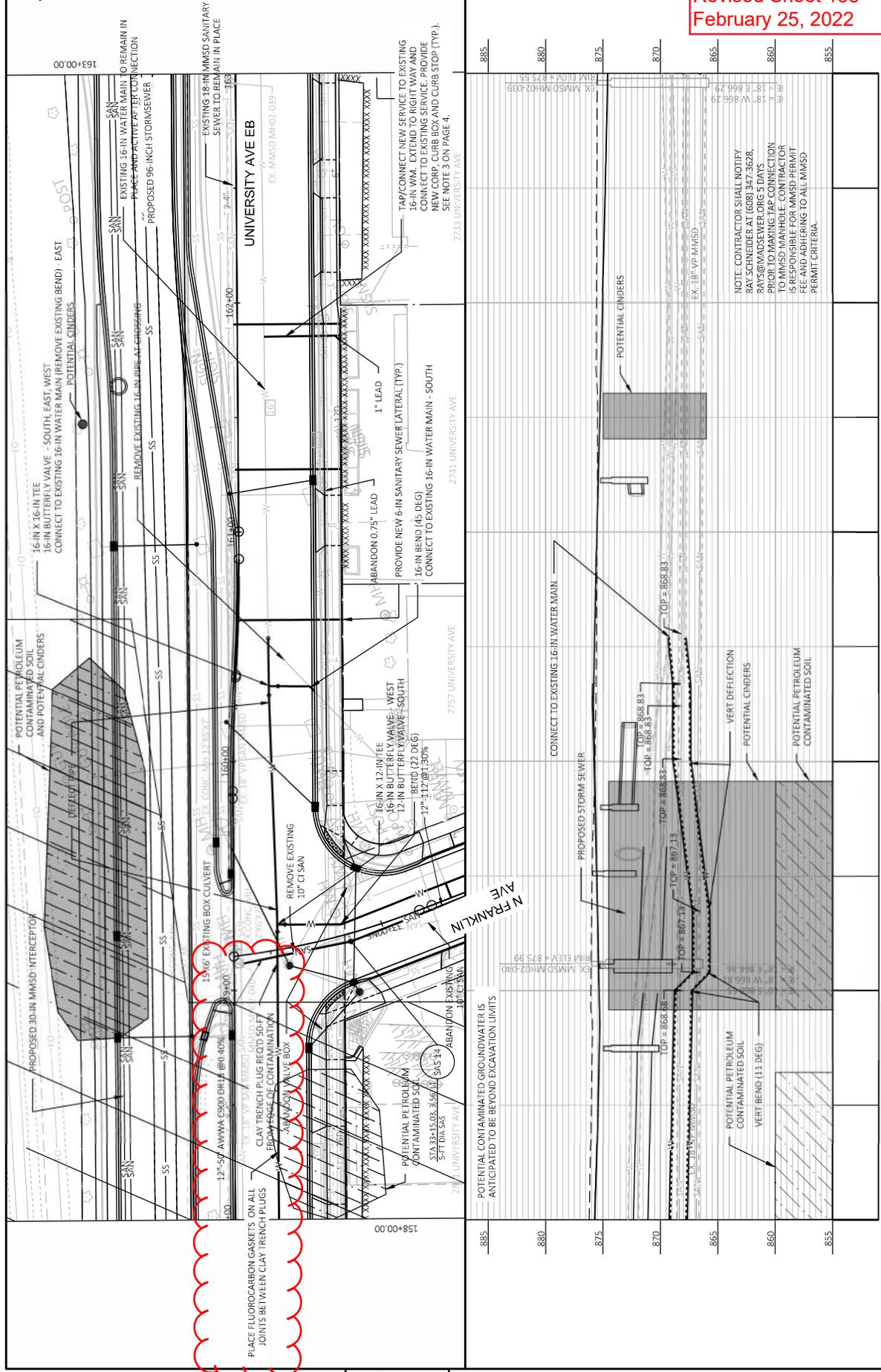


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 ID 5992-11-31/32/33
 Revised Sheet 137
 February 25, 2022

5

5

| | | | | |
|---|----------------------------------|-------------------------|---|-------------------|
| PROJECT NO: 5992-11-31 | HWY: UNIVERSITY AVENUE | COUNTY: DANE | PLAN AND PROFILE: UNIVERSITY AVENUE UTILITIES | SHEET 137 E |
| FILE NAME: G:\MMSD\1806-001 UNIV AVE (BORWOOD - UNIVERSITY BAY)\30\SHEETS\PLAN\UTILITIES\PLAN AND PROFILE.DWG | LAYOUT NAME: LA\Utility-89- (11) | DATE: 2/22/2022 9:25 AM | ENGINEER: KE ENGINEERING | SCALE: 1 IN=40 FT |

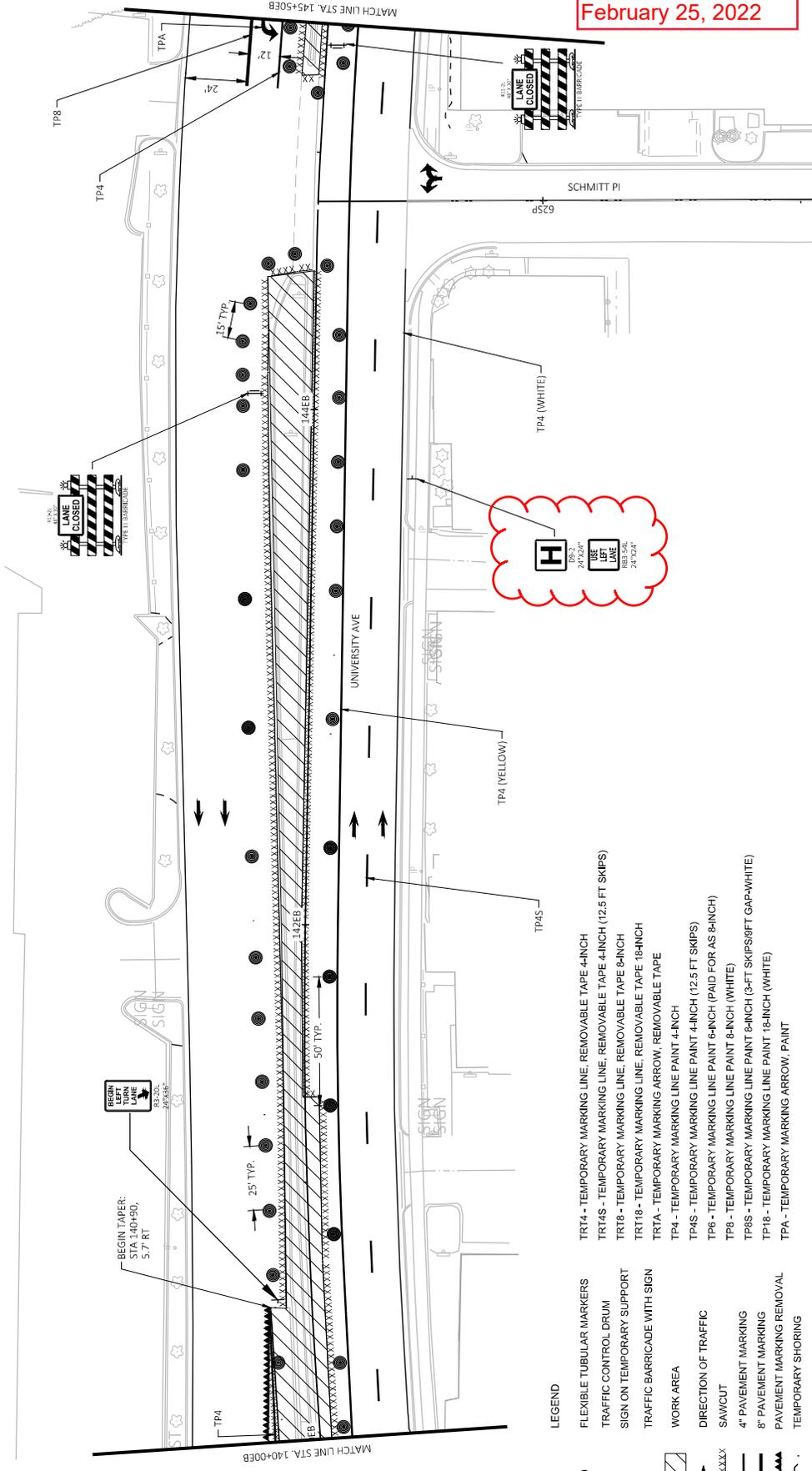


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 ID 5992-11-31/32/33
 Revised Sheet 138
 February 25, 2022

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



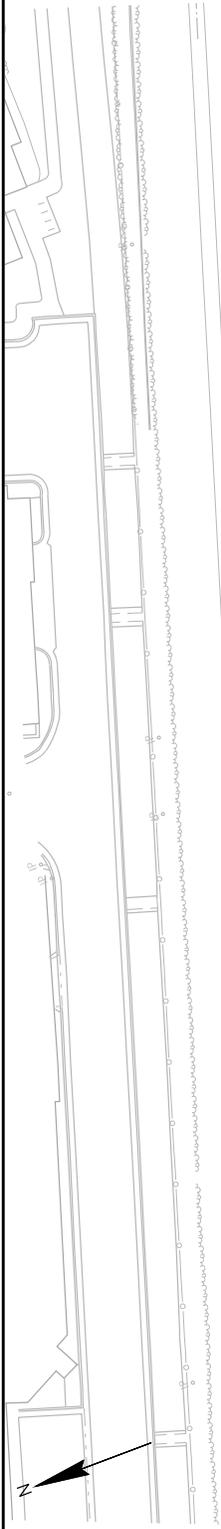
Addendum No. 01
ID 5992-11-31/32/33
Revised Sheet 236
February 25, 2022



LEGEND

- FLEXIBLE TUBULAR MARKERS
- TRAFFIC CONTROL DRUM
- ⊥ SIGN ON TEMPORARY SUPPORT
- ⊥ TRAFFIC BARRICADE WITH SIGN
- ▨ WORK AREA
- ➔ DIRECTION OF TRAFFIC
- XXXXXXX SAWCUT
- 4" PAVEMENT MARKING
- 8" PAVEMENT MARKING
- ▲▲▲▲▲ PAVEMENT MARKING REMOVAL
- TEMPORARY SHORING
- TRT4 - TEMPORARY MARKING LINE, REMOVABLE TAPE 4-INCH
- TRT4S - TEMPORARY MARKING LINE, REMOVABLE TAPE 4-INCH (12.5 FT SKIPS)
- TRT8 - TEMPORARY MARKING LINE, REMOVABLE TAPE 8-INCH
- TRT18 - TEMPORARY MARKING LINE, REMOVABLE TAPE 18-INCH
- TRT18 - TEMPORARY MARKING LINE, REMOVABLE TAPE 18-INCH
- TRT18 - TEMPORARY MARKING LINE, REMOVABLE TAPE 18-INCH
- TP4 - TEMPORARY MARKING LINE PAINT 4-INCH
- TP4S - TEMPORARY MARKING LINE PAINT 4-INCH (12.5 FT SKIPS)
- TP8 - TEMPORARY MARKING LINE PAINT 8-INCH (PAID FOR AS 6-INCH)
- TP8 - TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
- TP8S - TEMPORARY MARKING LINE PAINT 8-INCH (3-FT SKIPS/8FT GAP-WHITE)
- TP18 - TEMPORARY MARKING LINE PAINT 18-INCH (WHITE)
- TPA - TEMPORARY MARKING ARROW, PAINT

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MAINTAIN ACCESS TO EXISTING
 BUS STOP DURING CONSTRUCTION

END TAPER:
 STA. 161+24,
 9.85' LT

BEGIN TAPER:
 STA. 162+47,
 12.09' LT

50' TYP.

MATCH LINE STA. 165+00EB

INSTALL WATER VALVE AFTER
 INSTALLING UNIVERSITY BAY
 DRIVE WATER VALVE

UNIVERSITY AVE WB

UNIVERSITY AVE EB

END TAPER:
 STA. 162+47,
 1.11' LT

BEGIN TAPER:
 STA. 161+52,
 13.0' RT

25' TYP.

MATCH LINE STA. 160+00EB

TP8

TP4S

TP4

TP4

TP4

TP4

TP8

TP8

TP4

TP4S

TP4

TP4

TP4

TP4

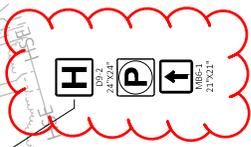
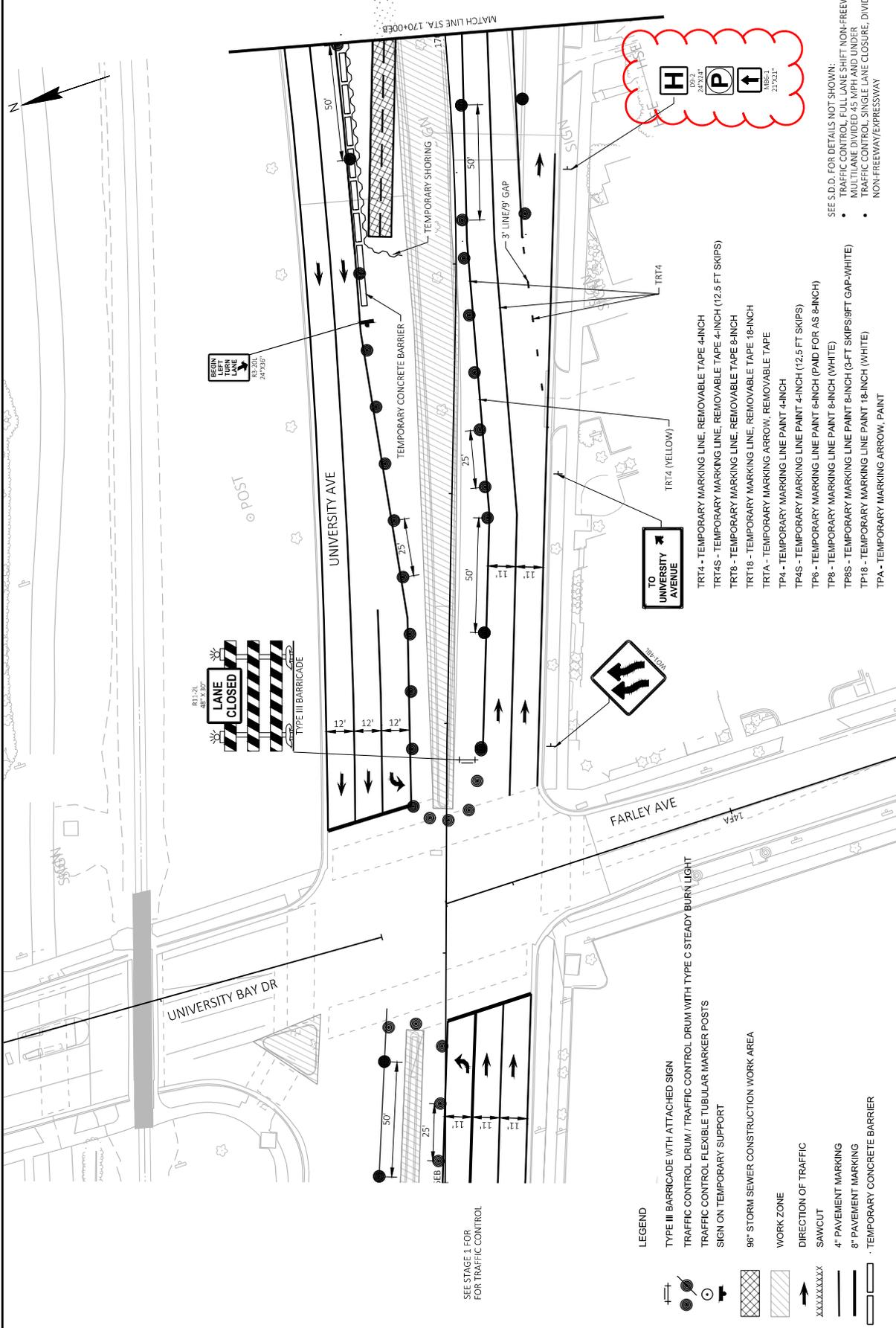
TP8

TP8

- LEGEND**
- FLEXIBLE TUBULAR MARKERS
 - TRAFFIC CONTROL DRUM
 - SIGN ON TEMPORARY SUPPORT
 - TRAFFIC BARRICADE WITH SIGN
 - WORK AREA
 - DIRECTION OF TRAFFIC
 - SAWCUT
 - 4" PAVEMENT MARKING
 - 8" PAVEMENT MARKING
 - PAVEMENT MARKING REMOVAL
 - TEMPORARY SHORING

- TRT4 - TEMPORARY MARKING LINE, REMOVABLE TAPE 4-INCH
- TRT4S - TEMPORARY MARKING LINE, REMOVABLE TAPE 4-INCH (12.5 FT SKIPS)
- TRT8 - TEMPORARY MARKING LINE, REMOVABLE TAPE 8-INCH
- TRT18 - TEMPORARY MARKING LINE, REMOVABLE TAPE 18-INCH
- TRT18 - TEMPORARY MARKING LINE, REMOVABLE TAPE 18-INCH
- TRT18 - TEMPORARY MARKING LINE, REMOVABLE TAPE 18-INCH
- TP4 - TEMPORARY MARKING LINE PAINT 4-INCH
- TP4S - TEMPORARY MARKING LINE PAINT 4-INCH (12.5 FT SKIPS)
- TP8 - TEMPORARY MARKING LINE PAINT 8-INCH (PAID FOR AS 8-INCH)
- TP8S - TEMPORARY MARKING LINE PAINT 8-INCH (3-FT SKIPS/9FT GAP-WHITE)
- TP18 - TEMPORARY MARKING LINE PAINT 18-INCH (WHITE)
- TPA - TEMPORARY MARKING ARROW, PAINT

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Revised Sheet 247
February 25, 2022



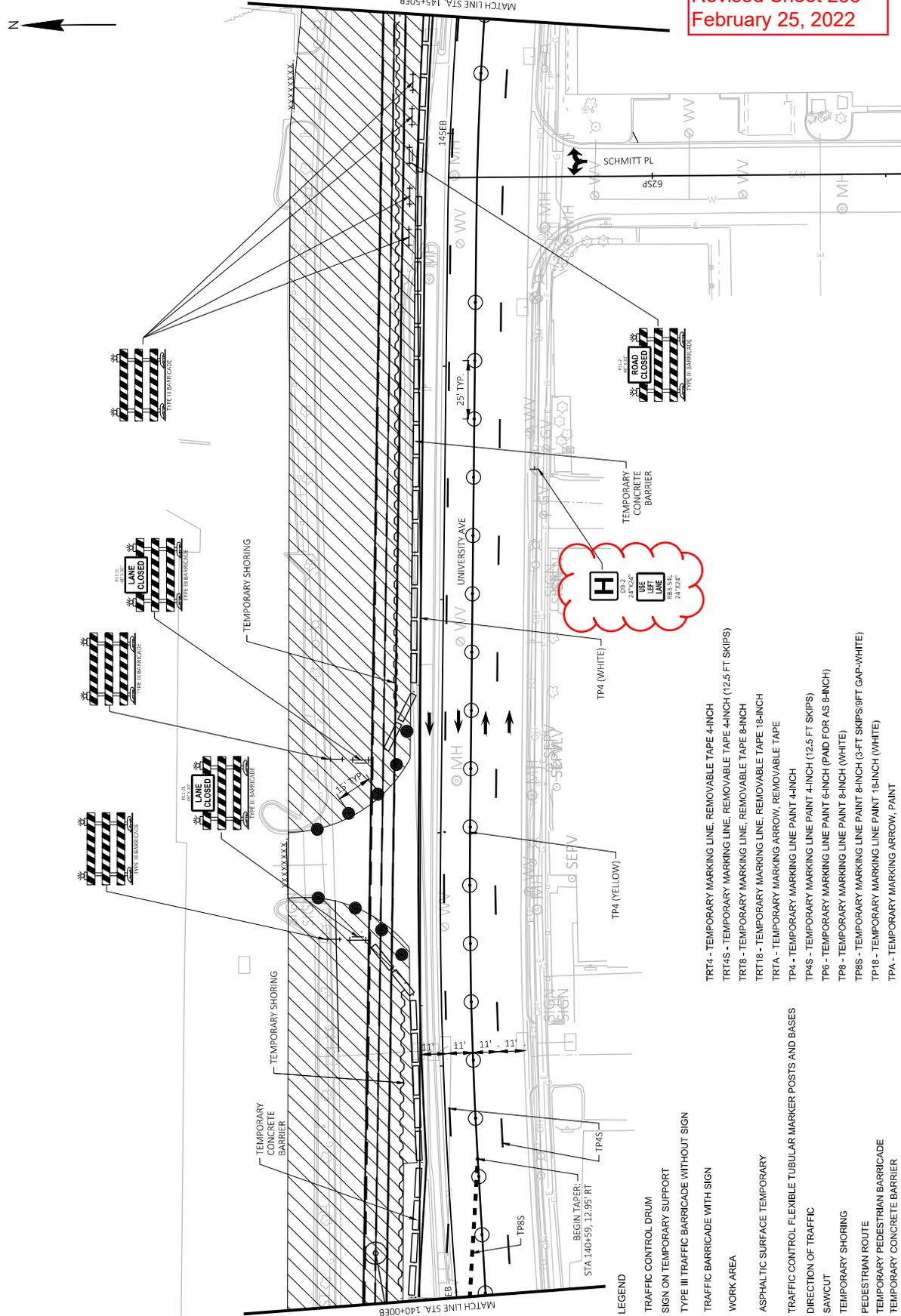
- TRT4 - TEMPORARY MARKING LINE, REMOVABLE TAPE 4-INCH
- TRT4S - TEMPORARY MARKING LINE, REMOVABLE TAPE 4-INCH (12.5 FT SKIPS)
- TRT8 - TEMPORARY MARKING LINE, REMOVABLE TAPE 8-INCH
- TRT18 - TEMPORARY MARKING LINE, REMOVABLE TAPE 18-INCH
- TRT4 - TEMPORARY MARKING ARROW, REMOVABLE TAPE
- TP4 - TEMPORARY MARKING LINE PAINT 4-INCH
- TP4S - TEMPORARY MARKING LINE PAINT 4-INCH (12.5 FT SKIPS)
- TP6 - TEMPORARY MARKING LINE PAINT 6-INCH (PAID FOR AS 6-INCH)
- TP8 - TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
- TP8S - TEMPORARY MARKING LINE PAINT 8-INCH (3-FT SKIPS/9FT GAP-WHITE)
- TP18 - TEMPORARY MARKING LINE PAINT 18-INCH (WHITE)
- TPA - TEMPORARY MARKING ARROW, PAINT

- LEGEND**
- TYPE III BARRICADE WITH ATTACHED SIGN
 - TRAFFIC CONTROL DRUM / TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
 - TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS
 - SIGN ON TEMPORARY SUPPORT
 - 96" STORM SEWER CONSTRUCTION WORK AREA
 - WORK ZONE
 - DIRECTION OF TRAFFIC
 - SAWCUT
 - 4" PAVEMENT MARKING
 - 8" PAVEMENT MARKING
 - TEMPORARY CONCRETE BARRIER

SEE S.D.D. FOR DETAILS NOT SHOWN:

- TRAFFIC CONTROL FULL LANE SHIFT NON-FREEWAY/EXPRESSWAY OR MULTILANE DIVIDED 45 MPH AND UNDER
- TRAFFIC CONTROL SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY

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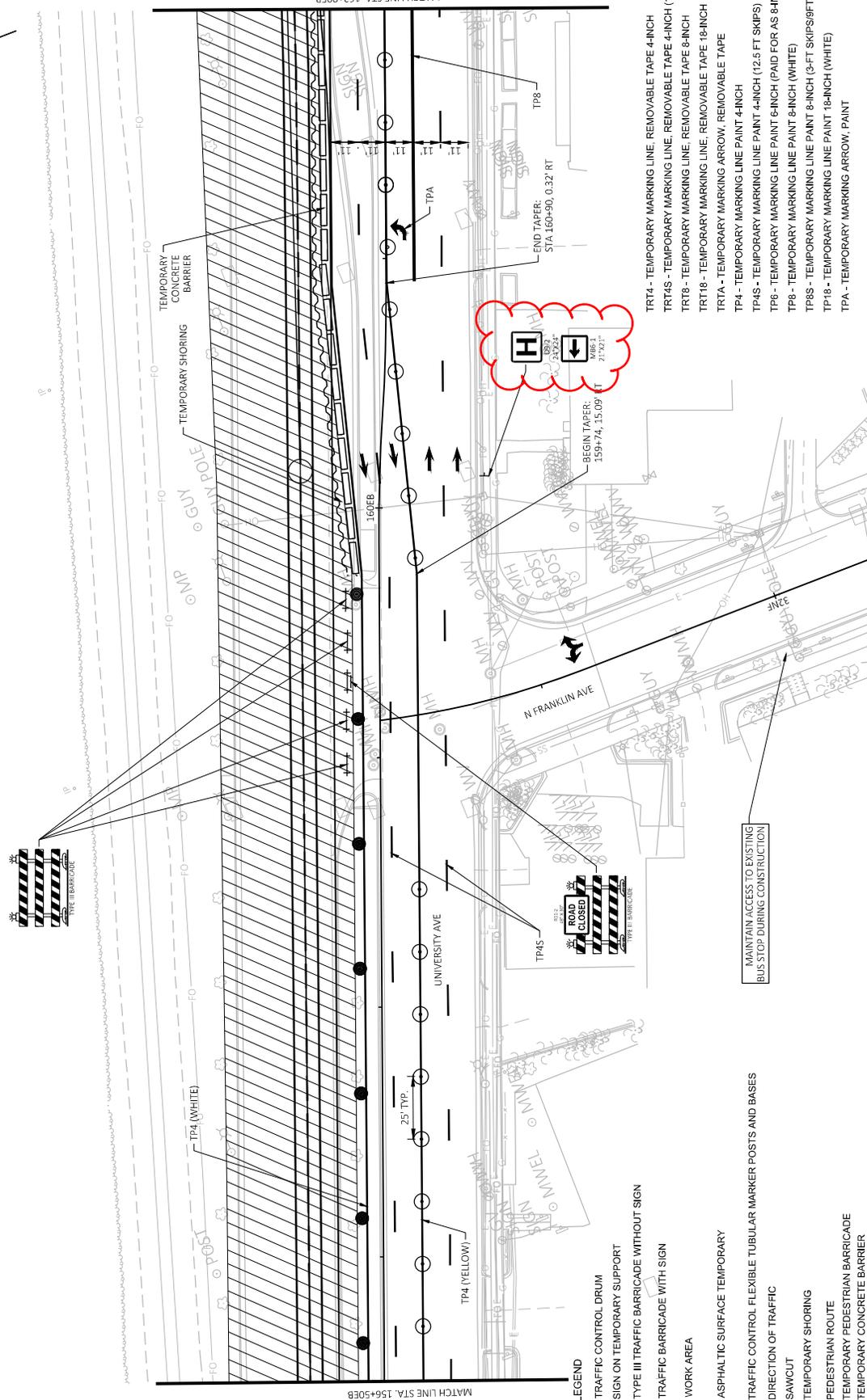


- LEGEND**
- TRAFFIC CONTROL DRUM
 - ⊥ SIGN ON TEMPORARY SUPPORT
 - ⊥ TYPE III TRAFFIC BARRICADE WITHOUT SIGN
 - ⊥ TRAFFIC BARRICADE WITH SIGN
 - ▨ WORK AREA
 - ▨ ASPHALTIC SURFACE TEMPORARY
 - TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS AND BASES
 - ➔ DIRECTION OF TRAFFIC
 - SAWCUT
 - ⋯ TEMPORARY SHORING
 - ⋯ PEDESTRIAN ROUTE
 - ▭ TEMPORARY PEDESTRIAN BARRICADE
 - ▭ TEMPORARY CONCRETE BARRIER

- TRT4 - TEMPORARY MARKING LINE, REMOVABLE TAPE 4-INCH
- TRT4S - TEMPORARY MARKING LINE, REMOVABLE TAPE 4-INCH (12.5 FT SKIPS)
- TRT8 - TEMPORARY MARKING LINE, REMOVABLE TAPE 8-INCH
- TRT18 - TEMPORARY MARKING LINE, REMOVABLE TAPE 18-INCH
- TRTA - TEMPORARY MARKING ARROW, REMOVABLE TAPE
- TP4 - TEMPORARY MARKING LINE PAINT 4-INCH
- TP4S - TEMPORARY MARKING LINE PAINT 4-INCH (12.5 FT SKIPS)
- TP8 - TEMPORARY MARKING LINE PAINT 8-INCH (PAID FOR AS 8-INCH)
- TP8S - TEMPORARY MARKING LINE PAINT 8-INCH (8-FT SKIPS/9FT GAP-WHITE)
- TP18 - TEMPORARY MARKING LINE PAINT 18-INCH (WHITE)
- TP18S - TEMPORARY MARKING LINE PAINT 18-INCH (WHITE)
- TPA - TEMPORARY MARKING ARROW, PAINT

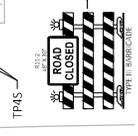


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February 25, 2022



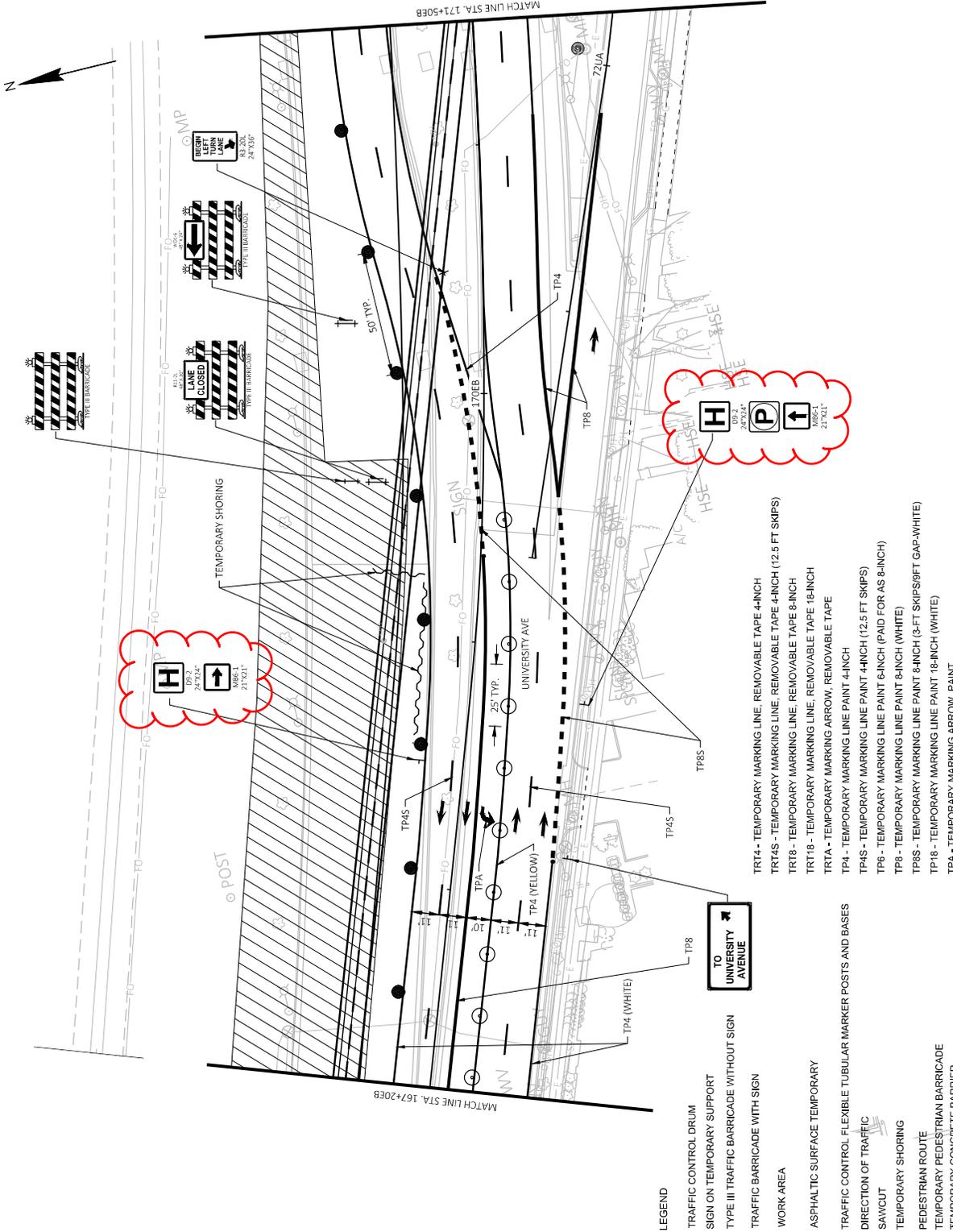
- LEGEND**
- TRAFFIC CONTROL DRUM
 - ⊥ SIGN ON TEMPORARY SUPPORT
 - ↑ TYPE III TRAFFIC BARRICADE WITHOUT SIGN
 - ↑ TRAFFIC BARRICADE WITH SIGN
 - ▨ WORK AREA
 - ▨ ASPHALTIC SURFACE TEMPORARY
 - ▨ TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS AND BASES
 - DIRECTION OF TRAFFIC
 - XXXXXXX SAWCUT
 - ~ TEMPORARY SHORING
 - PEDESTRIAN ROUTE
 - ▨ TEMPORARY PEDESTRIAN BARRICADE
 - ▨ TEMPORARY CONCRETE BARRIER

- TRT4 - TEMPORARY MARKING LINE, REMOVABLE TAPE 4-INCH
- TRT4S - TEMPORARY MARKING LINE, REMOVABLE TAPE 4-INCH (12.5 FT SKIPS)
- TRT8 - TEMPORARY MARKING LINE, REMOVABLE TAPE 8-INCH
- TRT18 - TEMPORARY MARKING LINE, REMOVABLE TAPE 18-INCH
- TP4 - TEMPORARY MARKING LINE, REMOVABLE TAPE
- TP4 - TEMPORARY MARKING LINE PAINT 4-INCH
- TP4S - TEMPORARY MARKING LINE PAINT 4-INCH (12.5 FT SKIPS)
- TP8 - TEMPORARY MARKING LINE PAINT 8-INCH (PAID FOR AS 8-INCH)
- TP8 - TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
- TP8S - TEMPORARY MARKING LINE PAINT 8-INCH (3-FT SKIPS/8FT GAP-WHITE)
- TP18 - TEMPORARY MARKING LINE PAINT 18-INCH (WHITE)
- TPA - TEMPORARY MARKING ARROW, PAINT



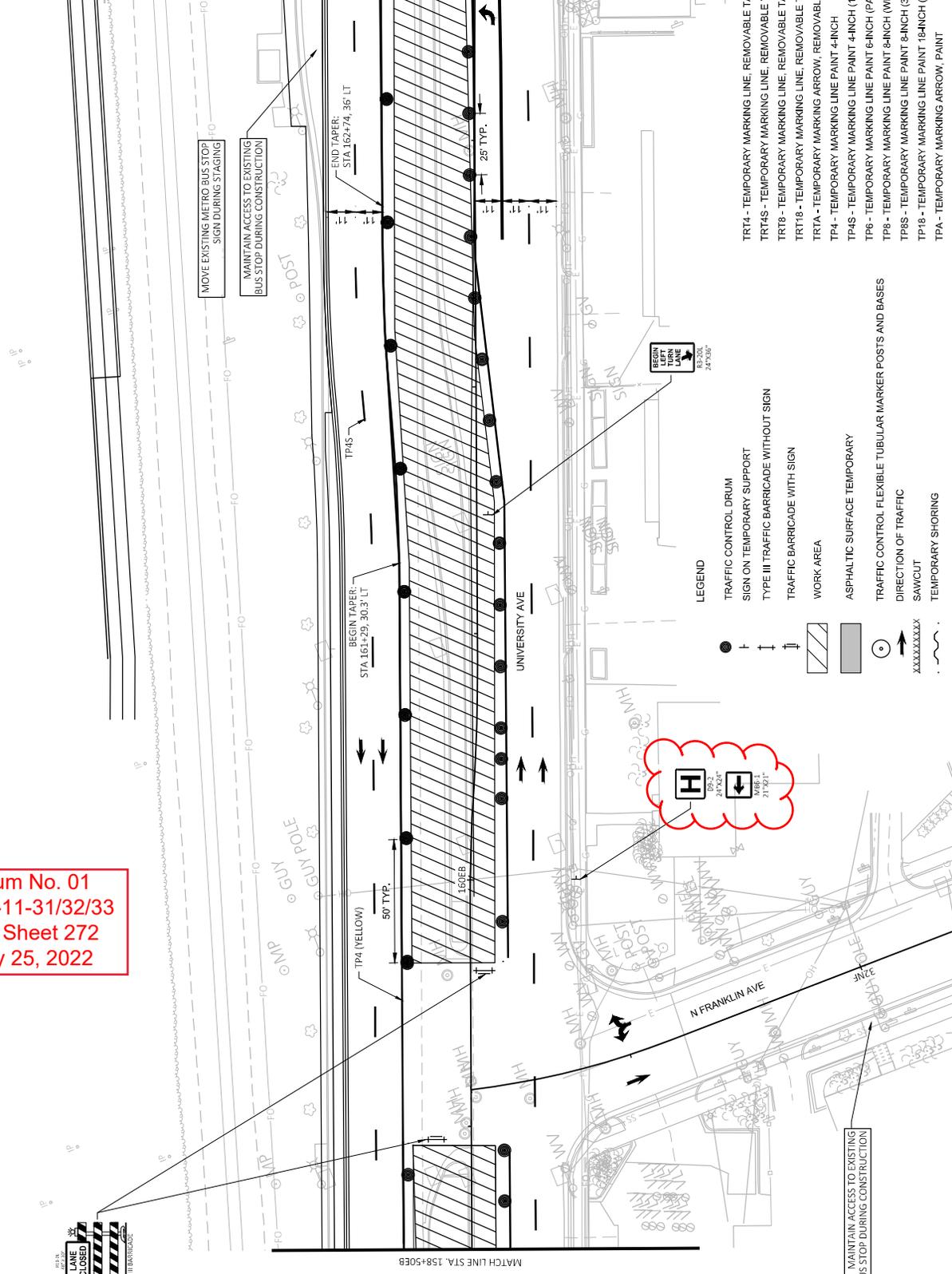
MAINTAIN ACCESS TO EXISTING
BUS STOP DURING CONSTRUCTION

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 ID 5992-11-31/32/33
 Revised Sheet 258
 February 25, 2022



- LEGEND**
- TRAFFIC CONTROL DRUM
 - ↑ SIGN ON TEMPORARY SUPPORT
 - ↑ TYPE III TRAFFIC BARRICADE WITHOUT SIGN
 - ↑ TRAFFIC BARRICADE WITH SIGN
 - ▨ WORK AREA
 - ▨ ASPHALTIC SURFACE TEMPORARY
 - ▨ TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS AND BASES
 - DIRECTION OF TRAFFIC
 - XXXXXXX SAWCUT
 - ~ TEMPORARY SHORING
 - PEDESTRIAN ROUTE
 - ▨ TEMPORARY PEDESTRIAN BARRICADE
 - ▨ TEMPORARY CONCRETE BARRIER

- TR14 - TEMPORARY MARKING LINE, REMOVABLE TAPE 4-INCH
- TR14S - TEMPORARY MARKING LINE, REMOVABLE TAPE 4-INCH (12.5 FT SKIPS)
- TR18 - TEMPORARY MARKING LINE, REMOVABLE TAPE 8-INCH
- TR18S - TEMPORARY MARKING LINE, REMOVABLE TAPE 8-INCH
- TR14A - TEMPORARY MARKING ARROW, REMOVABLE TAPE
- TP4 - TEMPORARY MARKING LINE PAINT 4-INCH
- TP4S - TEMPORARY MARKING LINE PAINT 4-INCH (12.5 FT SKIPS)
- TP8 - TEMPORARY MARKING LINE PAINT 8-INCH (PAID FOR AS 8-INCH)
- TP8S - TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
- TP18 - TEMPORARY MARKING LINE PAINT 18-INCH (WHITE)
- TPA - TEMPORARY MARKING ARROW, PAINT



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MOVE EXISTING METRO BUS STOP SIGN DURING STAGING
 MAINTAIN ACCESS TO EXISTING BUS STOP DURING CONSTRUCTION

END TAPER: STA 162+74, 36' LT

BEGIN TAPER: STA 161+29, 30.3' LT

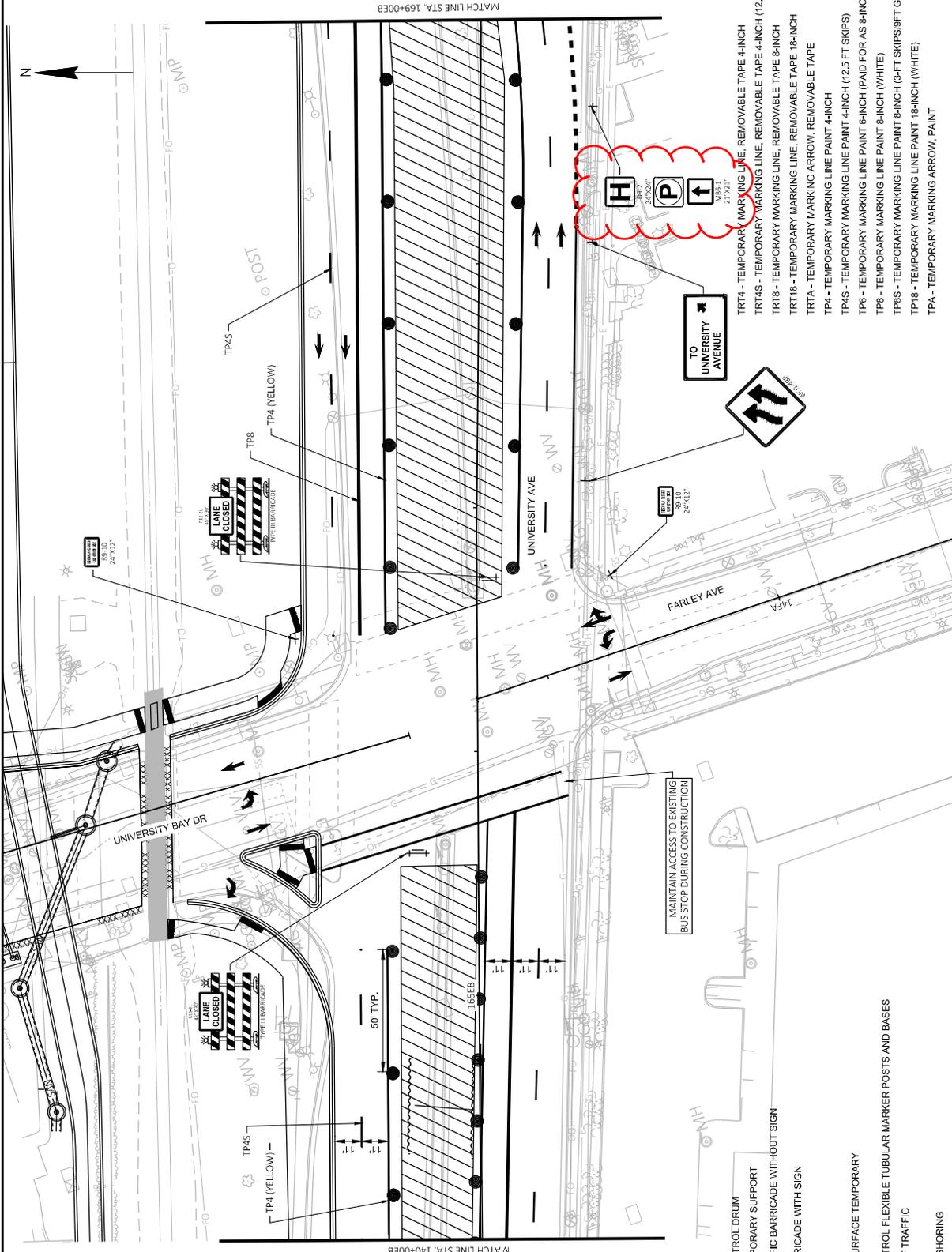
BEGIN TURN LANE STA 163+00 24'73/80'

LEGEND

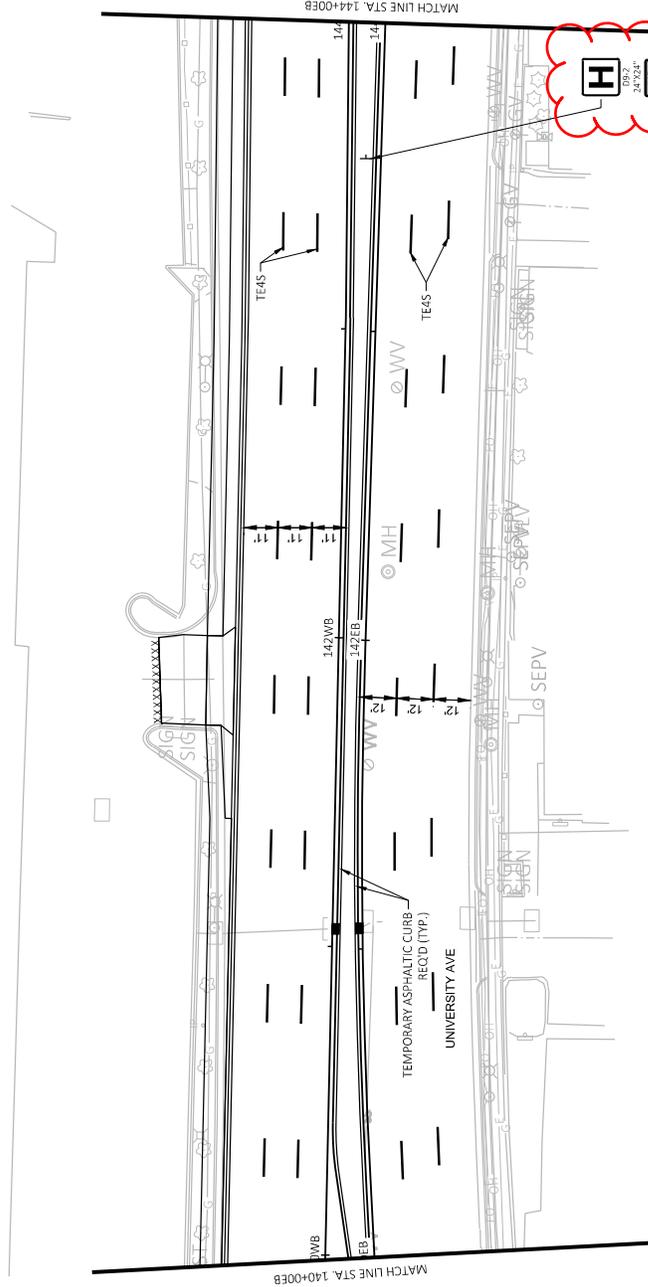
- TRAFFIC CONTROL DRUM
 - ⊥ SIGN ON TEMPORARY SUPPORT
 - ⊥ TYPE III TRAFFIC BARRICADE WITHOUT SIGN
 - ⊥ TRAFFIC BARRICADE WITH SIGN
 - ▨ WORK AREA
 - ▨ ASPHALTIC SURFACE TEMPORARY
 - TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS AND BASES
 - DIRECTION OF TRAFFIC
 - XXXXXXX SAWCUT
 - TEMPORARY SHORING
- TRT4 - TEMPORARY MARKING LINE, REMOVABLE TAPE 4-INCH
 - TRT4S - TEMPORARY MARKING LINE, REMOVABLE TAPE 4-INCH (12.5 FT SKIPS)
 - TRT8 - TEMPORARY MARKING LINE, REMOVABLE TAPE 8-INCH
 - TRT18 - TEMPORARY MARKING LINE, REMOVABLE TAPE 18-INCH
 - TRTA - TEMPORARY MARKING ARROW, REMOVABLE TAPE
 - TP4 - TEMPORARY MARKING LINE PAINT 4-INCH
 - TP4S - TEMPORARY MARKING LINE PAINT 4-INCH (12.5 FT SKIPS)
 - TP8 - TEMPORARY MARKING LINE PAINT 8-INCH (PAID FOR AS 8-INCH)
 - TP8 - TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
 - TP8S - TEMPORARY MARKING LINE PAINT 8-INCH (3-FT SKIPS/9FT GAP-WHITE)
 - TP18 - TEMPORARY MARKING LINE PAINT 18-INCH (WHITE)
 - TPA - TEMPORARY MARKING ARROW, PAINT

MAINTAIN ACCESS TO EXISTING BUS STOP DURING CONSTRUCTION

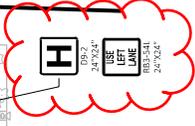
Addendum No. 01
ID 5992-11-31/32/33
Revised Sheet 273
February 25, 2022



- LEGEND**
- TRAFFIC CONTROL DRUM
 - ↑ SIGN ON TEMPORARY SUPPORT
 - ↑↓ TYPE III TRAFFIC BARRICADE WITHOUT SIGN
 - ↑↓ TRAFFIC BARRICADE WITH SIGN
 - ▨ WORK AREA
 - ▨ ASPHALTIC SURFACE TEMPORARY
 - TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS AND BASES
 - DIRECTION OF TRAFFIC
 - XXXXXXX SAWCUT
 - TEMPORARY SHORING
- TRT4 - TEMPORARY MARKING LINE, REMOVABLE TAPE 4-INCH
 - TRT4S - TEMPORARY MARKING LINE, REMOVABLE TAPE 4-INCH (12.5 FT SKIPS)
 - TRT8 - TEMPORARY MARKING LINE, REMOVABLE TAPE 8-INCH
 - TRT18 - TEMPORARY MARKING LINE, REMOVABLE TAPE 18-INCH
 - TP4 - TEMPORARY MARKING LINE, REMOVABLE TAPE
 - TP4S - TEMPORARY MARKING LINE PAINT 4-INCH
 - TP8 - TEMPORARY MARKING LINE PAINT 8-INCH (12.5 FT SKIPS)
 - TP8S - TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
 - TP18 - TEMPORARY MARKING LINE PAINT 18-INCH (5-FT SKIPS) (GT GAP-WHITE)
 - TPA - TEMPORARY MARKING LINE PAINT 18-INCH (WHITE)

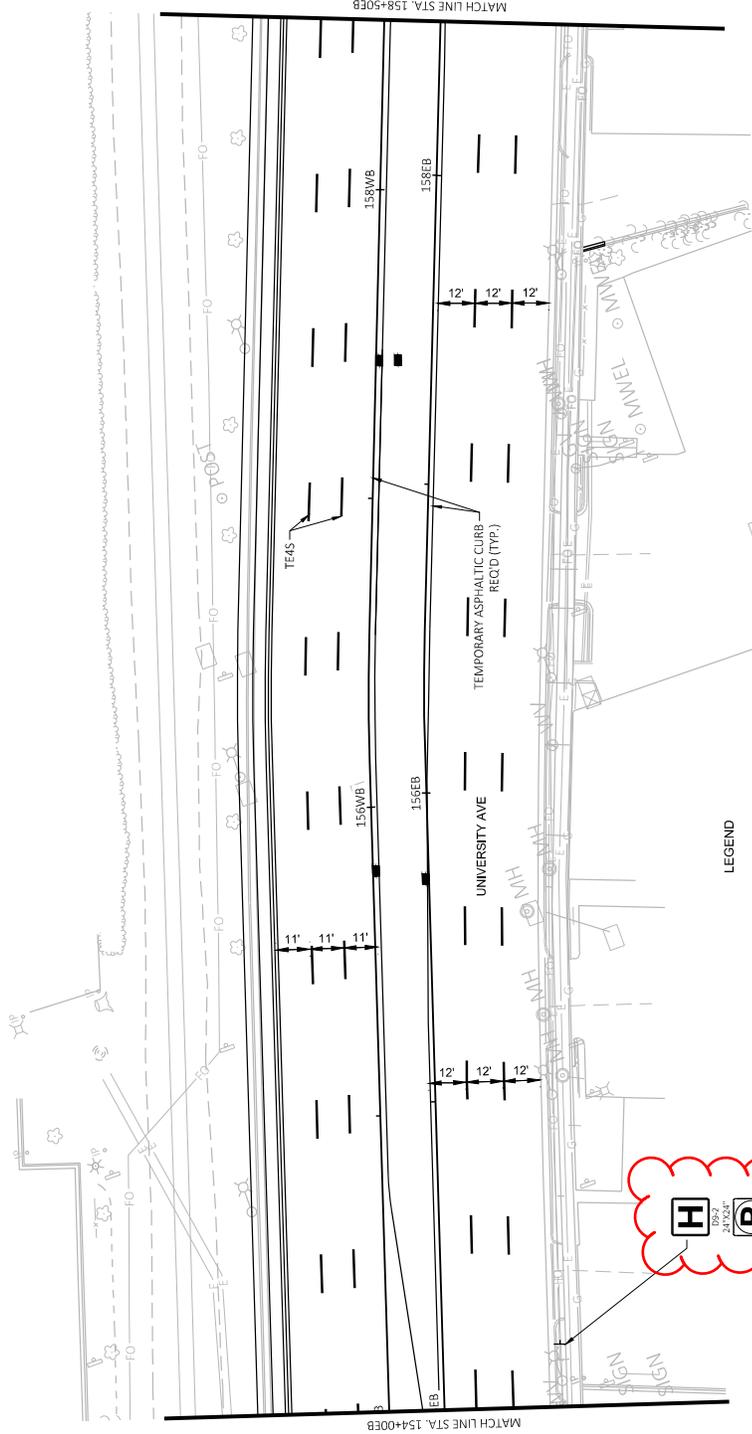


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LEGEND

- ASPHALTIC SURFACE TEMPORARY
- TE4 - TEMPORARY MARKING LINE EPOXY 4-INCH
- TE4S - TEMPORARY MARKING LINE EPOXY 4-INCH (12.5 FT SKIPS)
- TE6 - TEMPORARY MARKING LINE EPOXY 6-INCH (PAID FOR AS 8-INCH)
- TE8 - TEMPORARY MARKING LINE EPOXY 8-INCH
- TE8S - TEMPORARY MARKING EPOXY 8-INCH (3 FT SKIPS)
- TE18 - TEMPORARY MARKING LINE EPOXY 18-INCH
- TEA - TEMPORARY MARKING ARROW
- TEW - TEMPORARY MARKING WORD

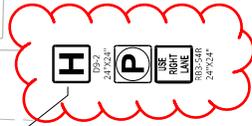


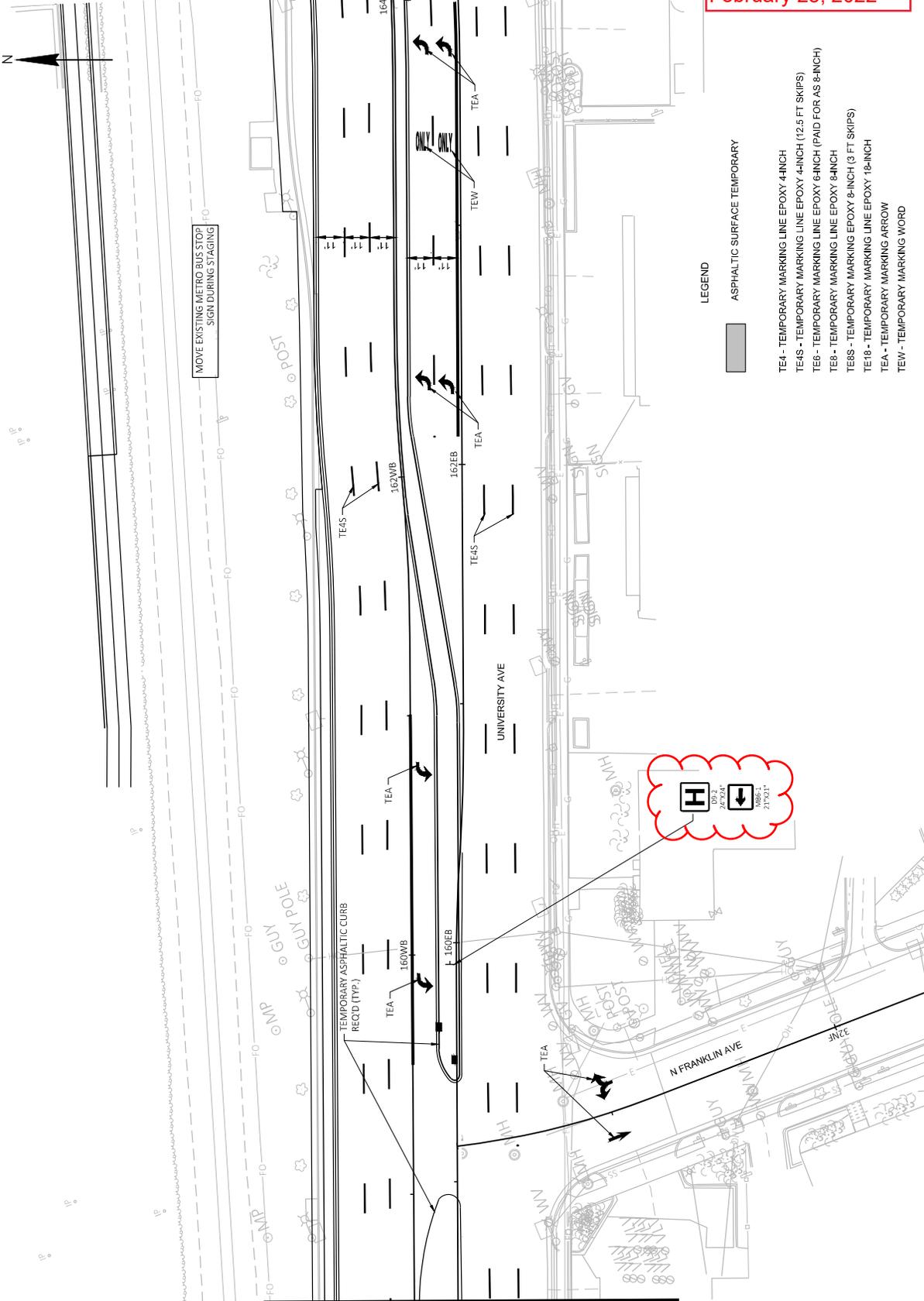
Addendum No. 01
 ID 5992-11-31/32/33
 Revised Sheet 281
 February 25, 2022

LEGEND

ASPHALTIC SURFACE TEMPORARY

- TE4 - TEMPORARY MARKING LINE EPOXY 4-INCH
- TE4S - TEMPORARY MARKING LINE EPOXY 4-INCH (12.5 FT SKIPS)
- TE6 - TEMPORARY MARKING LINE EPOXY 6-INCH (PAID FOR AS 8-INCH)
- TE6S - TEMPORARY MARKING LINE EPOXY 6-INCH
- TE8S - TEMPORARY MARKING EPOXY 8-INCH (3 FT SKIPS)
- TE18 - TEMPORARY MARKING EPOXY 18-INCH
- TEA - TEMPORARY MARKING ARROW
- TEW - TEMPORARY MARKING WORD





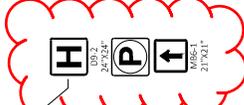
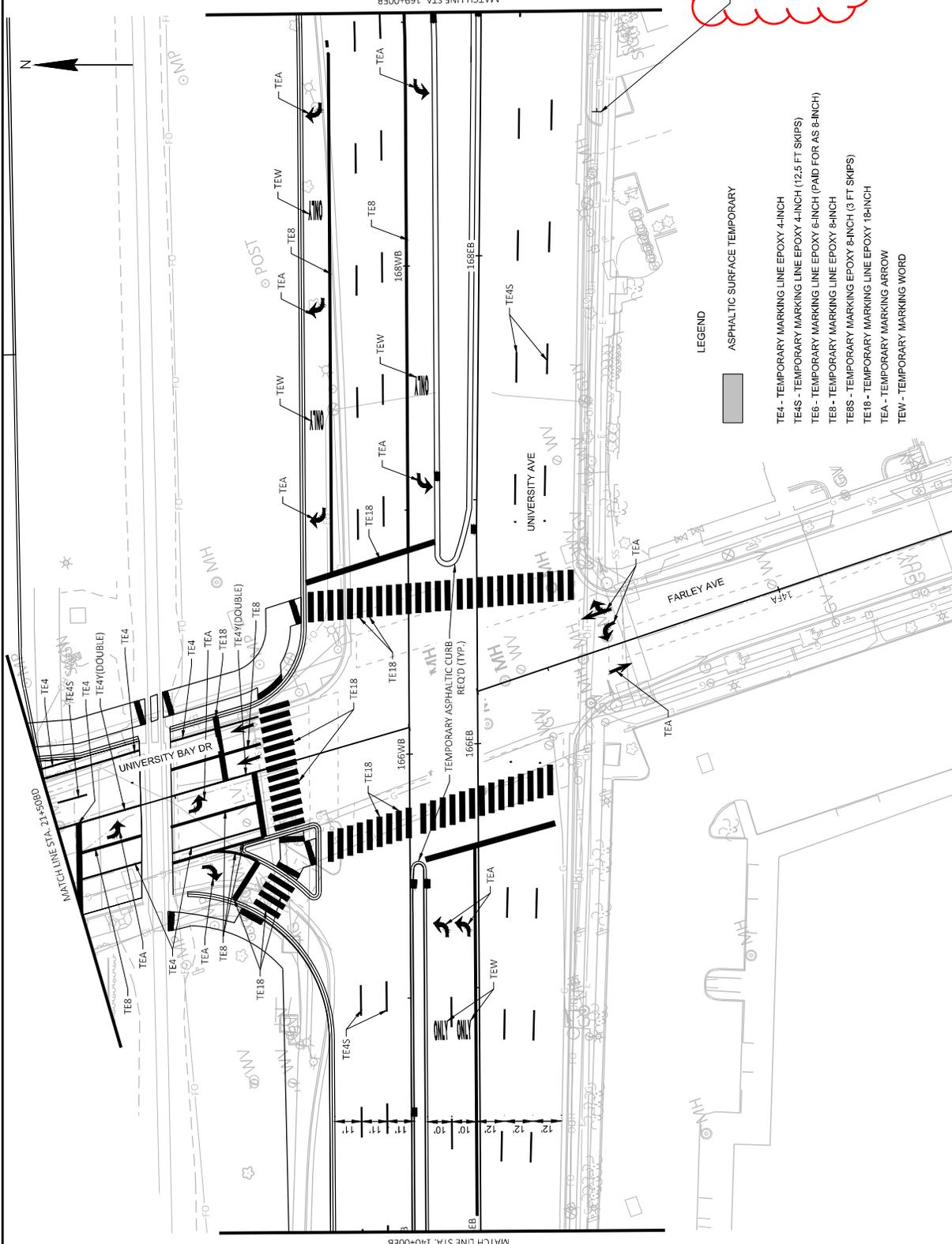
Addendum No. 01
 ID 5992-11-31/32/33
 Revised Sheet 282
 February 25, 2022

- LEGEND**
- ASPHALTIC SURFACE TEMPORARY
 - TE4 - TEMPORARY MARKING LINE EPOXY 4-INCH
 - TE4S - TEMPORARY MARKING LINE EPOXY 4-INCH (12.5 FT SKIPS)
 - TE6 - TEMPORARY MARKING LINE EPOXY 6-INCH (PAID FOR AS 8-INCH)
 - TE6S - TEMPORARY MARKING LINE EPOXY 6-INCH (12.5 FT SKIPS)
 - TE8 - TEMPORARY MARKING LINE EPOXY 8-INCH
 - TE8S - TEMPORARY MARKING LINE EPOXY 8-INCH (3 FT SKIPS)
 - TE16 - TEMPORARY MARKING LINE EPOXY 16-INCH
 - TEA - TEMPORARY MARKING ARROW
 - TEW - TEMPORARY MARKING WORD

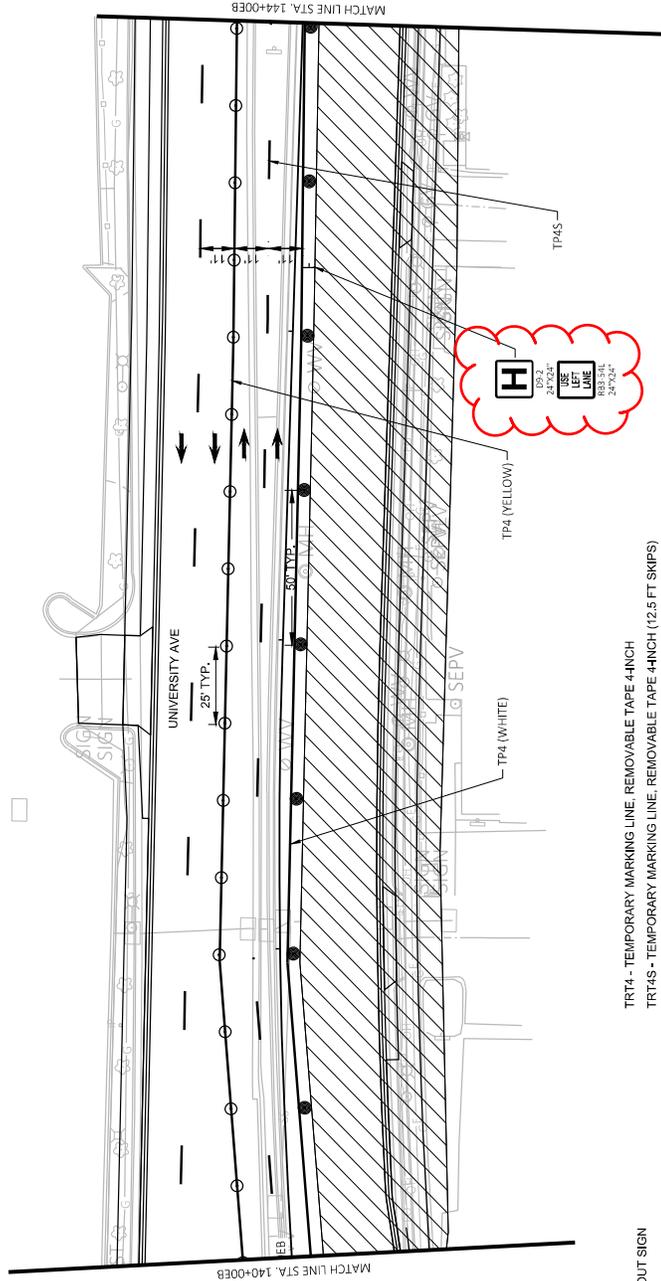
MOVE EXISTING METRO BUS STOP SIGN DURING STAGING



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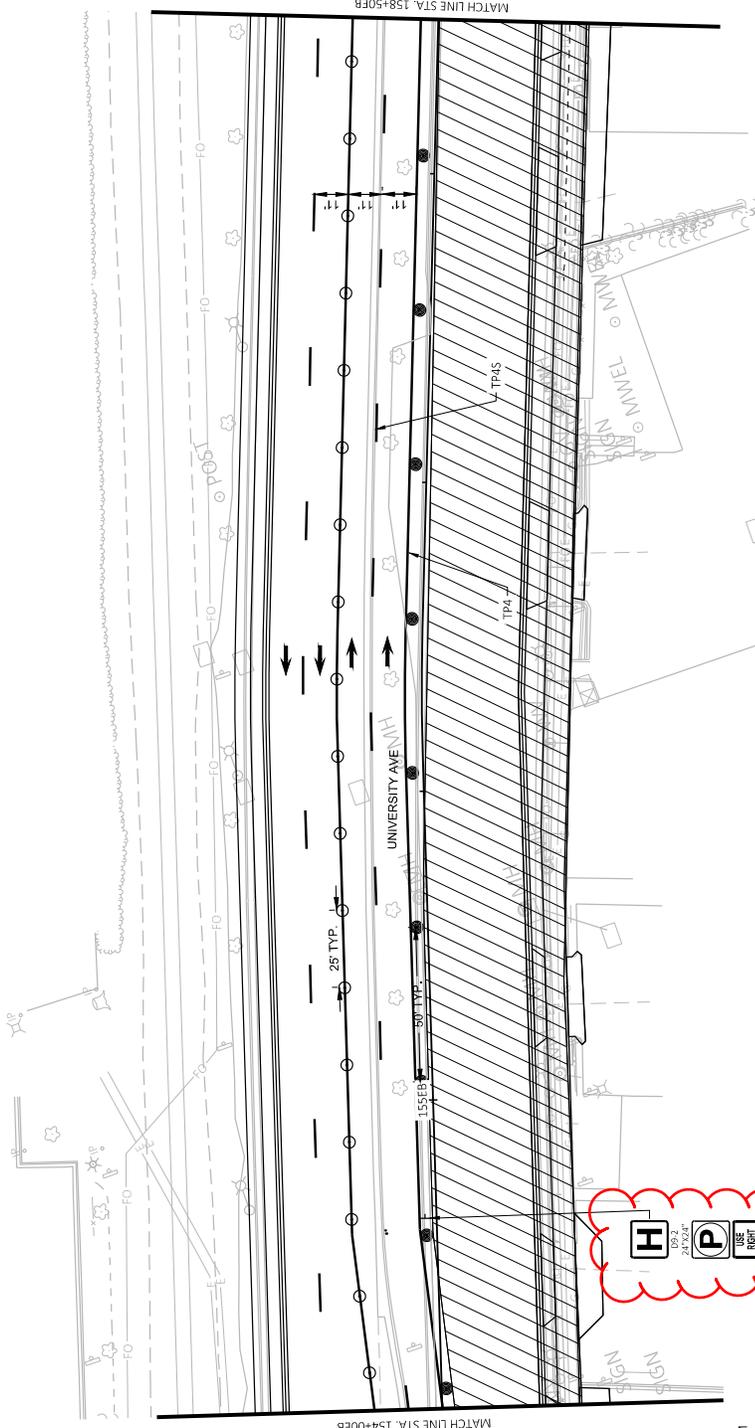
- LEGEND**
- ASPHALTIC SURFACE TEMPORARY
 - TE4 - TEMPORARY MARKING LINE EPOXY 4-INCH
 - TE4S - TEMPORARY MARKING LINE EPOXY 4-INCH (12.5 FT SKIPS)
 - TE8 - TEMPORARY MARKING LINE EPOXY 6-INCH (PAID FOR AS 8-INCH)
 - TE8S - TEMPORARY MARKING LINE EPOXY 8-INCH
 - TE18 - TEMPORARY MARKING EPOXY 8-INCH (3 FT SKIPS)
 - TEA - TEMPORARY MARKING LINE EPOXY 18-INCH
 - TEW - TEMPORARY MARKING WORD



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 Revised Sheet 289
 February 25, 2022

- LEGEND**
- TRAFFIC CONTROL DRUM
 - † SIGN ON TEMPORARY SUPPORT
 - ↑ TYPE III TRAFFIC BARRICADE WITHOUT SIGN
 - ↑↑ TRAFFIC BARRICADE WITH SIGN
 - ▭ WORK AREA
 - ▨ ASPHALTIC SURFACE TEMPORARY
 - ▭ TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS AND BASES
 - DIRECTION OF TRAFFIC
 - XXXXXXX SAWCUT
 - PEDESTRIAN ROUTE
 - - - - - TEMPORARY PEDESTRIAN BARRICADE

- TRT4 - TEMPORARY MARKING LINE, REMOVABLE TAPE 4-INCH
- TRT4S - TEMPORARY MARKING LINE, REMOVABLE TAPE 4-INCH (12.5 FT SKIPS)
- TRT8 - TEMPORARY MARKING LINE, REMOVABLE TAPE 8-INCH
- TRT18 - TEMPORARY MARKING LINE, REMOVABLE TAPE 18-INCH
- TRTA - TEMPORARY MARKING ARROW, REMOVABLE TAPE
- TP4 - TEMPORARY MARKING LINE PAINT 4-INCH
- TP4S - TEMPORARY MARKING LINE PAINT 4-INCH (12.5 FT SKIPS)
- TP6 - TEMPORARY MARKING LINE PAINT 6-INCH (PAID FOR AS 8-INCH)
- TP8S - TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
- TP18 - TEMPORARY MARKING LINE PAINT 18-INCH (WHITE)
- TPA - TEMPORARY MARKING ARROW, PAINT



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LEGEND

- TRAFFIC CONTROL DRUM
- ⊥ SIGN ON TEMPORARY SUPPORT
- ⊥ TYPE III TRAFFIC BARRICADE WITHOUT SIGN
- ⊥ TRAFFIC BARRICADE WITH SIGN
- ▨ WORK AREA
- ▨ ASPHALTIC SURFACE TEMPORARY
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS AND BASES
- DIRECTION OF TRAFFIC
- XXXXXXX SAWCUT
- PEDESTRIAN ROUTE
- TEMPORARY PEDESTRIAN BARRICADE

- TRT4 - TEMPORARY MARKING LINE, REMOVABLE TAPE 4-INCH
- TRT4S - TEMPORARY MARKING LINE, REMOVABLE TAPE 4-INCH (12.5 FT SKIPS)
- TRT8 - TEMPORARY MARKING LINE, REMOVABLE TAPE 8-INCH
- TRT8S - TEMPORARY MARKING LINE, REMOVABLE TAPE 8-INCH
- TRT8A - TEMPORARY MARKING LINE, REMOVABLE TAPE 18-INCH
- TRT8B - TEMPORARY MARKING LINE, REMOVABLE TAPE 18-INCH
- TP4 - TEMPORARY MARKING LINE PAINT 4-INCH
- TP4S - TEMPORARY MARKING LINE PAINT 4-INCH (12.5 FT SKIPS)
- TP8 - TEMPORARY MARKING LINE PAINT 8-INCH (PAID FOR AS 8-INCH)
- TP8S - TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
- TP18 - TEMPORARY MARKING LINE PAINT 18-INCH (3-FT SKIPS/9FT GAP-WHITE)
- TPA - TEMPORARY MARKING ARROW, PAINT

PROJECT NO: 5992-11-31

HWY: UNIVERSITY AVENUE

COUNTY: DANE

TRAFFIC CONTROL STAGE 4

SHEET

292

E

FILE NAME: G:\WADSON\18026-001\UNIV AVE (BORWOOD - UNIVERSITY BAY)\001\30SHEETS\PLAN\06 TRAFFIC CONTROL\02601-TC-STAGE 4.DWG

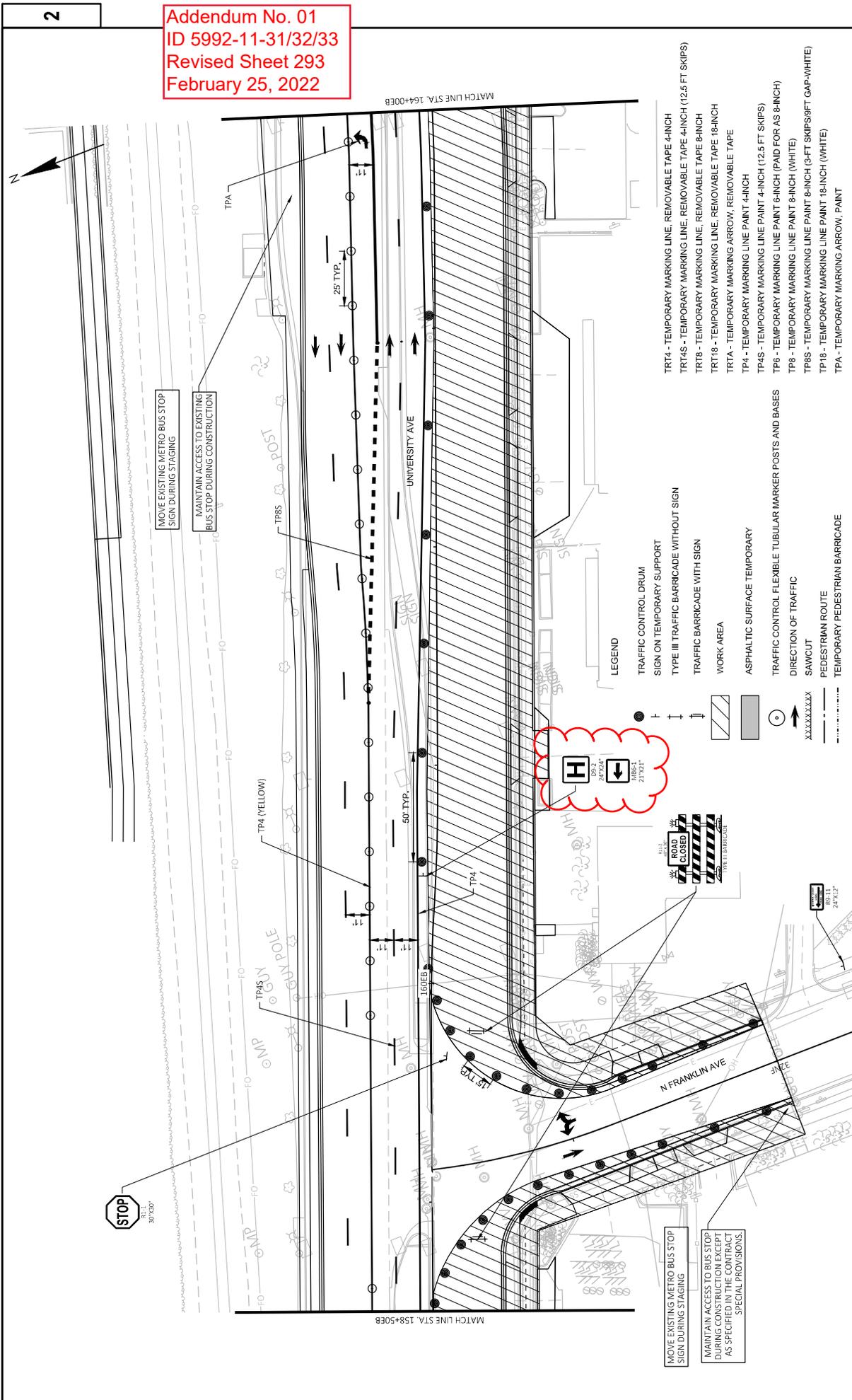
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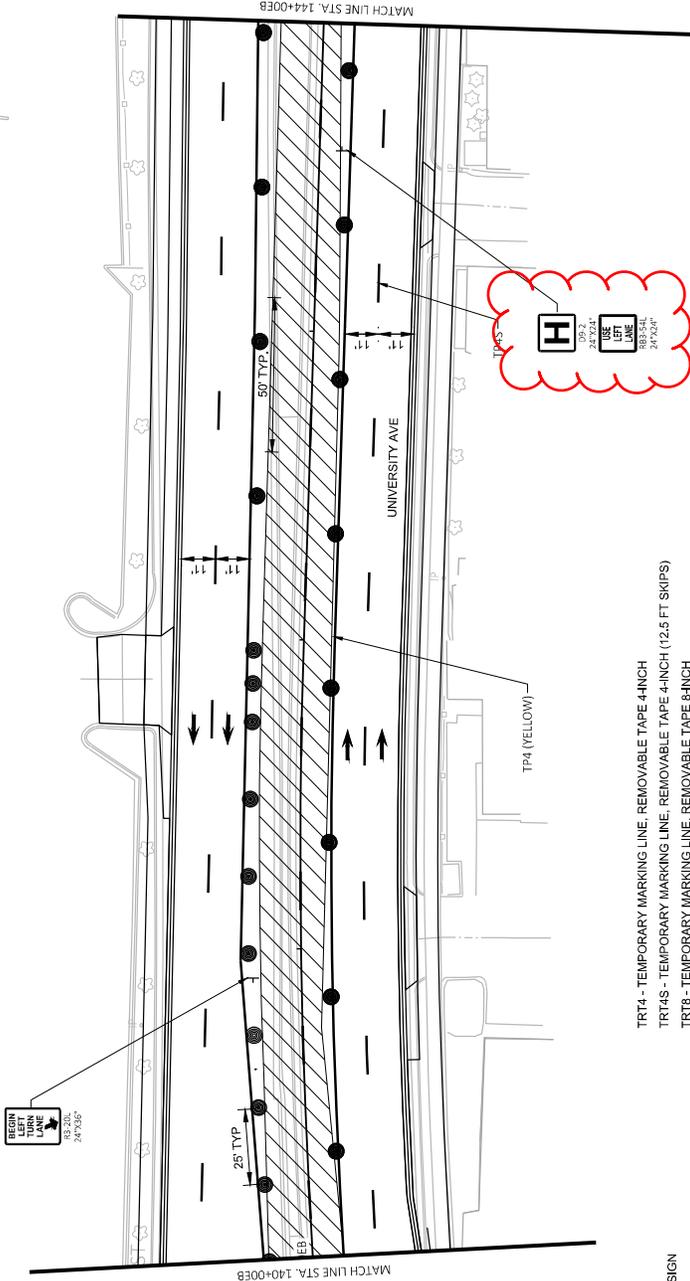
PLANT BY: KL ENGINEERING

PLANT SCALE: 1 IN=40 FT

W6507/CADDS SHEET 42

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ID 5992-11-31/32/33
Revised Sheet 293
February 25, 2022





Addendum No. 01
 ID 5992-11-31/32/33
 Revised Sheet 299
 February 25, 2022

LEGEND

- TRAFFIC CONTROL DRUM
- ⊥ SIGN ON TEMPORARY SUPPORT
- ⊥ TYPE III TRAFFIC BARRICADE WITHOUT SIGN
- ⊥ TRAFFIC BARRICADE WITH SIGN
- ▨ WORK AREA
- ▭ ASPHALTIC SURFACE TEMPORARY
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS AND BASES
- DIRECTION OF TRAFFIC
- XXXXXXX SAWCUT
- PEDESTRIAN ROUTE
- - - - - TEMPORARY PEDESTRIAN BARRICADE

- TR14 - TEMPORARY MARKING LINE, REMOVABLE TAPE 4-INCH
- TR14S - TEMPORARY MARKING LINE, REMOVABLE TAPE 4-INCH (12.5 FT SKIPS)
- TR18 - TEMPORARY MARKING LINE, REMOVABLE TAPE 8-INCH
- TR18 - TEMPORARY MARKING LINE, REMOVABLE TAPE 8-INCH
- TR18 - TEMPORARY MARKING LINE, REMOVABLE TAPE 18-INCH
- TRTA - TEMPORARY MARKING ARROW, REMOVABLE TAPE
- TP4 - TEMPORARY MARKING LINE PAINT 4-INCH
- TP4S - TEMPORARY MARKING LINE PAINT 4-INCH (12.5 FT SKIPS)
- TP8 - TEMPORARY MARKING LINE PAINT 8-INCH (PAID FOR AS 8-INCH)
- TP8S - TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
- TP18 - TEMPORARY MARKING LINE PAINT 18-INCH (6-FT SKIPS/9FT GAP-WHITE)
- TPA - TEMPORARY MARKING LINE PAINT 18-INCH (WHITE)
- TPA - TEMPORARY MARKING ARROW, PAINT

PROJECT NO: 5992-11-31

HWY: UNIVERSITY AVENUE

COUNTY: DANE

TRAFFIC CONTROL STAGE 5

SHEET

299

E

FILE NAME: G:\WADSON\18026-001\UNIV AVE (HOREWOOD - UNIVERSITY BAY)\001\30\SHETS\PLAN\06 TRAFFIC CONTROL\02501-TC-STAGE 5.DWG

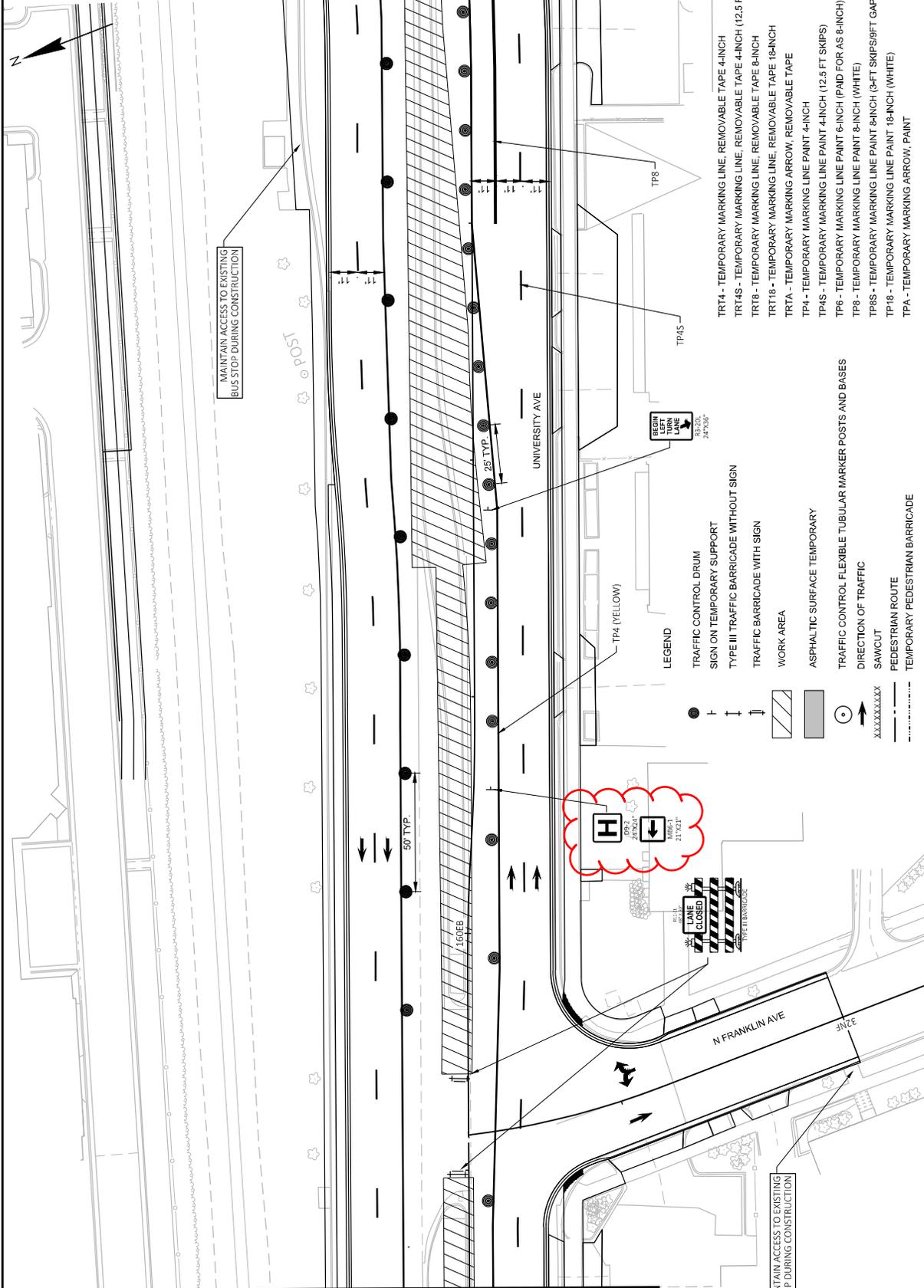
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PLOT BY: KL ENGINEERING

PLOT SCALE: 1 IN=40 FT

W6507\CAD05 SHEET 42

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- TR14 - TEMPORARY MARKING LINE, REMOVABLE TAPE 4-INCH
- TR14S - TEMPORARY MARKING LINE, REMOVABLE TAPE 4-INCH (12.6 FT SKIPS)
- TR18 - TEMPORARY MARKING LINE, REMOVABLE TAPE 8-INCH
- TR18S - TEMPORARY MARKING LINE, REMOVABLE TAPE 8-INCH
- TP4 - TEMPORARY MARKING LINE PAINT 4-INCH
- TP4S - TEMPORARY MARKING LINE PAINT 4-INCH (12.5 FT SKIPS)
- TP6 - TEMPORARY MARKING LINE PAINT 6-INCH (PAID FOR AS 8-INCH)
- TP6S - TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
- TP8 - TEMPORARY MARKING LINE PAINT 8-INCH (3-FT SKIPS/9FT GAP-WHITE)
- TP8S - TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
- TPA - TEMPORARY MARKING LINE PAINT 18-INCH (WHITE)
- TPA - TEMPORARY MARKING ARROW, PAINT

- LEGEND**
- TRAFFIC CONTROL DRUM
 - SIGN ON TEMPORARY SUPPORT
 - TYPE III TRAFFIC BARRICADE WITHOUT SIGN
 - TRAFFIC BARRICADE WITH SIGN
 - WORK AREA
 - ASPHALTIC SURFACE TEMPORARY
 - TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS AND BASES
 - DIRECTION OF TRAFFIC
 - SAWCUT
 - PEDESTRIAN ROUTE
 - TEMPORARY PEDESTRIAN BARRICADE



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LEGEND

- ↑ TYPE III BARRICADE TYPE III WITH ATTACHED SIGN
- ▨ WORK AREA
- ALTERNATE ROUTE

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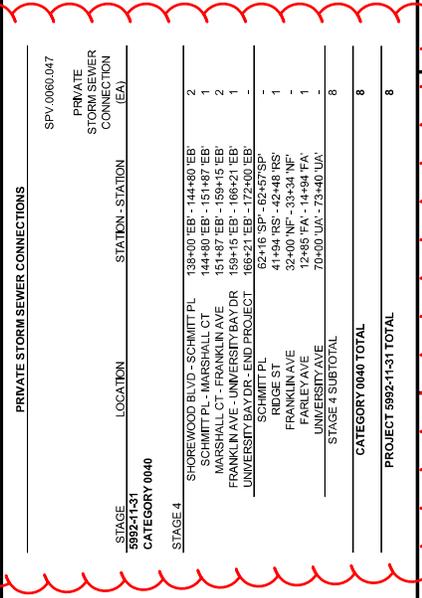
| REMOVING CURB & GUTTER | | | 204.0150 |
|---|-----------------------|-------------------|-----------------------------|
| STATION | LOCATION | STATION - STATION | REMOVING CURB & GUTTER (LF) |
| 5992-11-31 CATEGORY 0010 | | | |
| STAGE 1 | | | |
| BEGIN PROJECT - SHOREWOOD BLVD | 135+88 EB - 139+00 EB | | 450 |
| SHOREWOOD BLVD - SCHMITT PL | 138+00 EB - 144+80 EB | | 1120 |
| SCHMITT PL - MARSHALL CT | 144+80 EB - 151+87 EB | | 640 |
| MARSHALL CT - FRANKLIN AVE | 151+87 EB - 159+15 EB | | 1300 |
| FRANKLIN AVE - UNIVERSITY BAY DR | 159+15 EB - 166+21 EB | | 1280 |
| UNIVERSITY BAY DR - END PROJECT | 166+21 EB - 172+00 EB | | 1820 |
| STAGE 1 SUBTOTAL | | | 7170 |
| STAGE 2 | | | |
| SHOREWOOD BLVD - SCHMITT PL | 138+00 EB - 144+80 EB | | 80 |
| UNIVERSITY BAY DR - END PROJECT | 166+21 EB - 172+00 EB | | 280 |
| STAGE 2 SUBTOTAL | | | 360 |
| STAGE 4 | | | |
| UNIVERSITY BAY DR - END PROJECT | 166+21 EB - 172+00 EB | | 190 |
| SCHMITT PL | 62+16 SP - 62+57 SP | | 20 |
| RDGE ST | 41+94 RS - 42+48 RS | | 50 |
| FRANKLIN AVE | 32+00 NF - 33+34 NF | | 160 |
| FARLEY AVE | 12+85 FA - 14+94 FA | | 360 |
| UNIVERSITY AVE | 71+00 UA - 73+40 UA | | 680 |
| STAGE 4 SUBTOTAL | | | 8750 |
| 5992-11-31 CATEGORY 0080 | | | |
| STAGE 2 | | | |
| UNIVERSITY AVE - HIGHLAND AVE | 20+30 BD - 28+35 BD | | 750 |
| STAGE 2 SUBTOTAL | | | 750 |
| STAGE 2A | | | |
| UNIVERSITY AVE - HIGHLAND AVE | 20+30 BD - 28+35 BD | | 60 |
| STAGE 2A SUBTOTAL | | | 60 |
| PROJECT 5992-11-31 TOTAL | | | |
| CATEGORY 0010 TOTAL | | | 810 |
| CATEGORY 0080 TOTAL | | | 9560 |
| REMOVING ASPHALTIC SURFACE MILLING | | | |
| 204.0120 | | | |
| REMOVING ASPHALTIC SURFACE MILLING (SY) | | | |
| STAGE 6 | | | |
| BEGIN PROJECT - SHOREWOOD BLVD | 135+88 EB - 139+00 EB | | 300 |
| SHOREWOOD BLVD - SCHMITT PL | 138+00 EB - 144+80 EB | | 1230 |
| SCHMITT PL - MARSHALL CT | 144+80 EB - 151+87 EB | | 1007 |
| MARSHALL CT - FRANKLIN AVE | 151+87 EB - 159+15 EB | | 1138 |
| FRANKLIN AVE - UNIVERSITY BAY DR | 159+15 EB - 166+21 EB | | 1175 |
| UNIVERSITY BAY DR - END PROJECT | 166+21 EB - 172+00 EB | | 1070 |
| STAGE 6 SUBTOTAL | | | 5920 |
| 5992-11-31 CATEGORY 0080 | | | |
| STAGE 6 | | | |
| UNIVERSITY AVE - HIGHLAND AVE | 20+30 BD - 28+35 BD | | 2740 |
| STAGE 6 SUBTOTAL | | | 2740 |
| PROJECT 5992-11-31 TOTAL | | | |
| CATEGORY 0080 TOTAL | | | 2740 |
| PROJECT 5992-11-31 TOTAL | | | 8660 |

| REMOVING MANHOLES & INLETS | | | 204.0210 | 204.0220 | SPV.0060.020 |
|---------------------------------|--------|---------|--------------------------|------------------------|-------------------------|
| STATION | OFFSET | STATION | REMOVING MANHOLES (EACH) | REMOVING INLETS (EACH) | CLOSE CONNECTION (EACH) |
| 5992-11-31 CATEGORY 0040 | | | | | |
| STAGE 1A | | | | | |
| 171+35 EB | 11 LT | | 1 | | |
| 171+35 EB | 18 LT | | 1 | | |
| 171+35 EB | 11 LT | | 1 | | |
| STAGE 1A SUBTOTAL | | | 0 | 3 | 0 |
| STAGE 1B | | | | | |
| 170+13 EB | 0 RT | | 1 | | |
| 170+13 EB | 21 LT | | 1 | | |
| STAGE 1B SUBTOTAL | | | 0 | 2 | 1 |
| STAGE 2 | | | | | |
| 139+02 WB | 36 LT | | 1 | | |
| 141+03 WB | 36 LT | | 1 | | |
| 149+04 WB | 39 LT | | 1 | | |
| 156+06 WB | 39 LT | | 1 | | |
| 158+85 WB | 39 LT | | 1 | | |
| 160+99 WB | 39 LT | | 1 | | |
| 164+01 WB | 43 LT | | 1 | | |
| 166+50 WB | 25 LT | | 1 | | |
| 170+15 WB | 39 LT | | 1 | | |
| 170+15 WB | 39 LT | | 1 | | |
| 50+50 MC | 31 LT | | 1 | | |
| 50+50 MC | 47 LT | | 1 | | |
| 50+50 MC | 32 RT | | 1 | | |
| 50+50 MC | 11 RT | | 1 | | |
| STAGE 2 SUBTOTAL | | | 0 | 14 | 0 |
| STAGE 3 | | | | | |
| 139+04 WB | 4 RT | | 1 | | |
| 139+04 WB | 3 RT | | 1 | | |
| 139+83 EB | 3 LT | | 1 | | |
| 140+16 EB | 3 LT | | 1 | | |
| 141+06 WB | 2 RT | | 1 | | |
| 141+09 EB | 3 LT | | 1 | | |
| 141+09 EB | 3 RT | | 1 | | |
| 144+27 WB | 4 LT | | 1 | | |
| 145+41 EB | 7 LT | | 1 | | |
| 149+05 WB | 0 RT | | 1 | | |
| 149+05 WB | 0 RT | | 1 | | |
| 151+02 WB | 1 LT | | 1 | | |
| 151+09 WB | 5 RT | | 1 | | |
| 152+55 EB | 8 LT | | 1 | | |
| 152+55 EB | 3 LT | | 1 | | |
| 155+72 EB | 2 LT | | 1 | | |
| 156+05 WB | 0 RT | | 1 | | |
| 158+80 EB | 11 LT | | 1 | | |
| 158+80 EB | 0 LT | | 1 | | |
| 160+95 EB | 13 LT | | 1 | | |
| 160+95 EB | 13 LT | | 1 | | |
| 161+48 EB | 5 LT | | 1 | | |
| 163+97 WB | 12 LT | | 1 | | |
| 164+01 WB | 6 RT | | 1 | | |
| 164+96 EB | 12 LT | | 1 | | |
| 165+71 EB | 2 RT | | 1 | | |
| 165+71 EB | 5 LT | | 1 | | |
| STAGE 3 SUBTOTAL | | | 0 | 27 | 6 |
| STAGE 4 | | | | | |
| CATEGORY 0040 SUBTOTAL | | | 0 | 46 | 7 |
| 5992-11-31 CATEGORY 0100 | | | | | |
| STAGE 2 | | | | | |
| 20+61 BD | 22 RT | | 1 | | |
| 23+69 BD | 18 RT | | 1 | | |
| 20+53 BD | 63 RT | | 1 | | |
| 23+48 BD | 37 RT | | 1 | | |
| 23+20 BD | 35 RT | | 1 | | |
| STAGE 2 SUBTOTAL | | | 0 | 5 | 0 |
| STAGE 2A | | | | | |
| 20+71 BD | 48 LT | | 1 | | |
| 20+72 BD | 51 LT | | 1 | | |
| STAGE 2A SUBTOTAL | | | 0 | 2 | 0 |
| PROJECT 5992-11-31 TOTAL | | | | | |
| CATEGORY 0100 TOTAL | | | 0 | 7 | 0 |
| PROJECT 5992-11-31 TOTAL | | | 1 | 72 | 8 |

STORM SEWER STRUCTURES

| STAGE | STRUCTURE | STATION | OFFSET* | LOCATION | FOR CIPRC | | 12-INCH MANHOLES | | COVERS | | MANHOLES | | INLETS | | ADJUSTING INLET COVERS | STORM SEWER TAP | CONCRETE COLLARS | DEPTH** | | |
|------------------|-----------|-----------|----------|----------|-----------|-----------|------------------|-----------|--------|-----------|----------|-----------|--------|-----------|------------------------|-----------------|------------------|---------|--------|-----------|
| | | | | | EACH | LOCATIONS | EACH | LOCATIONS | EACH | LOCATIONS | EACH | LOCATIONS | EACH | LOCATIONS | | | | | EACH | LOCATIONS |
| STAGE 3 | D | 139+63.85 | 10.9 RT | WB | - | - | - | - | - | - | - | - | - | - | - | - | - | 875.11 | 875.00 | 3.28 |
| | E | 139+64.56 | 1' LT | EB | - | - | - | - | - | - | - | - | - | - | - | - | - | 876.89 | 875.20 | 2.66 |
| | F | 141+05.72 | 1' RT | WB | - | - | - | - | - | - | - | - | - | - | - | - | - | 890.88 | 875.84 | 4.01 |
| STAGE 4 | 1 | 145+40.41 | 4.3 RT | WB | - | - | - | - | - | - | - | - | - | - | - | - | - | 892.51 | 888.37 | 5.02 |
| | 3 | 144+26.09 | 2.8 RT | WB | - | - | - | - | - | - | - | - | - | - | - | - | - | 890.60 | 887.49 | 2.28 |
| | 5 | 144+26.30 | 1' LT | EB | - | - | - | - | - | - | - | - | - | - | - | - | - | 890.80 | 887.57 | 2.40 |
| STAGE 5 | 9 | 149+05.18 | 1' RT | WB | - | - | - | - | - | - | - | - | - | - | - | - | - | 886.88 | 883.00 | 3.09 |
| | 10 | 149+06.69 | 2.8' LT | EB | - | - | - | - | - | - | - | - | - | - | - | - | - | 887.46 | 883.25 | 3.42 |
| | 17 | 151+25.00 | 1' RT | WB | - | - | - | - | - | - | - | - | - | - | - | - | - | 880.87 | 876.62 | 3.41 |
| STAGE 6 | 18 | 152+03.82 | 1' LT | WB | - | - | - | - | - | - | - | - | - | - | - | - | - | 890.37 | 876.77 | 3.77 |
| | 21 | 152+45.89 | 1' LT | WB | - | - | - | - | - | - | - | - | - | - | - | - | - | 876.86 | 874.57 | 3.50 |
| | 28 | 155+72.14 | 1' LT | EB | - | - | - | - | - | - | - | - | - | - | - | - | - | 877.22 | 871.50 | 4.93 |
| STAGE 7 | 31.1 | 157+39.87 | 1' LT | WB | - | - | - | - | - | - | - | - | - | - | - | - | - | 876.16 | - | - |
| | 31.2 | 157+44.69 | 1' RT | WB | - | - | - | - | - | - | - | - | - | - | - | - | - | 876.89 | - | - |
| | 33.1 | 158+85.43 | 5.4' RT | WB | - | - | - | - | - | - | - | - | - | - | - | - | - | 876.11 | - | - |
| STAGE 8 | 33.2 | 159+80.26 | 1' LT | WB | - | - | - | - | - | - | - | - | - | - | - | - | - | 875.35 | - | - |
| | 36 | 159+45.00 | 1' LT | EB | - | - | - | - | - | - | - | - | - | - | - | - | - | 875.30 | - | - |
| | 27A | 156+05.33 | 4.8' LT | WB | - | - | - | - | - | - | - | - | - | - | - | - | - | 875.45 | - | - |
| STAGE 9 | 29A | 155+77.77 | 9' RT | WB | - | - | - | - | - | - | - | - | - | - | - | - | - | 874.96 | 870.95 | 3.18 |
| | 32A | 158+85.32 | 0' RT | WB | - | - | - | - | - | - | - | - | - | - | - | - | - | 872.03 | - | - |
| | 37A | 159+62.87 | 1.2' LT | EB | - | - | - | - | - | - | - | - | - | - | - | - | - | 875.94 | 871.90 | 3.11 |
| STAGE 10 | 40A | 160+16.96 | 3.2' LT | EB | - | - | - | - | - | - | - | - | - | - | - | - | - | 872.81 | - | - |
| | 41A | 161+16.96 | 3.8' RT | WB | - | - | - | - | - | - | - | - | - | - | - | - | - | 875.96 | 872.80 | 2.16 |
| | 43A | 161+16.71 | 3.8' LT | WB | - | - | - | - | - | - | - | - | - | - | - | - | - | 875.96 | 872.80 | 2.16 |
| STAGE 11 | 45 | 163+96.81 | 2' LT | EB | - | - | - | - | - | - | - | - | - | - | - | - | - | 875.45 | - | - |
| | 48A | 163+96.29 | 3.2' LT | WB | - | - | - | - | - | - | - | - | - | - | - | - | - | 874.96 | 870.95 | 3.18 |
| | 46 | 164+53.24 | 1' RT | WB | - | - | - | - | - | - | - | - | - | - | - | - | - | 872.03 | - | - |
| STAGE 12 | 54 | 165+42.80 | 2' LT | EB | - | - | - | - | - | - | - | - | - | - | - | - | - | 875.94 | 871.90 | 3.11 |
| | 54A | 165+42.78 | 1.5' LT | EB | - | - | - | - | - | - | - | - | - | - | - | - | - | 872.81 | - | - |
| | 55 | 167+13.80 | 1.2' RT | WB | - | - | - | - | - | - | - | - | - | - | - | - | - | 875.96 | 872.80 | 2.16 |
| STAGE 13 | 500X | 166+45.10 | 12.5' LT | EB | - | - | - | - | - | - | - | - | - | - | - | - | - | 876.47 | - | - |
| | 56A | 167+14.80 | 16' RT | WB | - | - | - | - | - | - | - | - | - | - | - | - | - | 876.47 | - | - |
| | 57 | 166+87.91 | 1' LT | EB | - | - | - | - | - | - | - | - | - | - | - | - | - | 877.03 | 873.99 | 2.20 |
| STAGE 14 | 64A | 169+01.28 | 1.2' RT | WB | - | - | - | - | - | - | - | - | - | - | - | - | - | 877.03 | 873.99 | 2.20 |
| | 64B | 168+96.13 | 7.8' LT | EB | - | - | - | - | - | - | - | - | - | - | - | - | - | 877.49 | - | - |
| | 85 | 169+00.00 | 1' LT | EB | - | - | - | - | - | - | - | - | - | - | - | - | - | 877.49 | - | - |
| STAGE 3 SUBTOTAL | | | | | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 877.49 | - | - |

Addendum No. 01
 ID 5992-11-31/32/33
 Revised Sheet 338
 February 25, 2022



Addendum No. 01
ID 5992-11-31/32/33
Revised Sheet 342
February 25, 2022

| LANDSCAPING ITEMS | | | | | | | | | | | |
|--------------------------|----------------------------------|---------------------------|--------------|-------------------------------|-------------------------|--------------------------|------------------------|------------------|-------------------|---|---|
| STAGE | LOCATION | STATION-STATION | TOPSOIL (CY) | EROSION MAT URBAN TYPE B (SY) | FERTILIZER TYPE B (CWT) | SEEDING INCHES (NO./40') | SEEDING TEMPORARY (LB) | SOD WATER (MGAL) | SEED WATER (MGAL) | SPY/0650.013 COVER PLATE TEMPORARY INLET COVER (EACH) | SPY/0650.013 COVER PLATE TEMPORARY INLET COVER (EACH) |
| 5992-11-31 CATEGORY 0010 | | | | | | | | | | | |
| STAGE 2 | | | | | | | | | | | |
| | SHOREWOOD BLVD - SCHMITT PL | 139+00' EB' - 144+80' EB' | 348 | 348 | 0.3 | 6.3 | 9.4 | 3 | 6 | | 3 |
| | SCHMITT PL - MARSHALL CT | 144+80' EB' - 151+87' EB' | 772 | 772 | 0.6 | 13.9 | 20.8 | 4 | 15 | | 6 |
| | MARSHALL CT - UNIVERSITY BAY DR | 159+15' EB' - 166+21' EB' | 672 | 672 | 0.5 | 10.2 | 15.3 | 6 | 10 | | 3 |
| | FRANKLIN AVE - UNIVERSITY BAY DR | 166+21' EB' - 172+00' EB' | 568 | 568 | 0.3 | 10.3 | 15.9 | 12 | 1 | | 4 |
| | UNIVERSITY BAY DR - END PROJECT | 166+21' EB' - 172+00' EB' | 71 | 71 | 0.5 | 1.9 | 1.9 | 12 | 1 | | 5 |
| | MARSHALL CT | 50+33' MC - 50+61' MC | 52 | 52 | 0.1 | 0.9 | 1.4 | 1 | 1 | | 25 |
| | STAGE 2 SUBTOTAL | | 2438 | 2438 | 2.4 | 43.9 | 65.8 | 28 | 43 | | 55 |
| STAGE 4 | | | | | | | | | | | |
| | SHOREWOOD BLVD - SCHMITT PL | 139+00' EB' - 144+80' EB' | | | 0.1 | | | 2 | | | 7 |
| | SCHMITT PL - MARSHALL CT | 144+80' EB' - 151+87' EB' | 310 | 310 | 0.4 | 5.6 | 6.4 | 5 | 5 | | 4 |
| | MARSHALL CT - UNIVERSITY BAY DR | 159+15' EB' - 166+21' EB' | 208 | 208 | 0.2 | 3.7 | 5.6 | 4 | 3 | | 6 |
| | FRANKLIN AVE - UNIVERSITY BAY DR | 166+21' EB' - 172+00' EB' | 50 | 50 | 0.2 | 0.9 | 1.4 | 7 | 1 | | 6 |
| | UNIVERSITY BAY DR - END PROJECT | 166+21' EB' - 172+00' EB' | 60 | 60 | 0.1 | 1.1 | 1.6 | 2 | 1 | | 7 |
| | ROGE ST | 41+94' RS - 42+48' RS | | | | | | | | | 30 |
| | FRANKLIN AVE | 32+00' NF - 33+34' NF | | | | | | | | | 0 |
| | FARLEY AVE | 12+85' FA - 14+94' FA | 80 | 80 | 0.1 | 1.4 | 2.2 | 3 | 1 | | 0 |
| | UNIVERSITY AVE | 70+00' UA - 73+40' UA | | | | | | 5 | | | 20 |
| | STAGE 4 SUBTOTAL | | 741 | 741 | 1.6 | 13.3 | 20.0 | 32 | 12 | | 55 |
| STAGE 5 | | | | | | | | | | | |
| | SCHMITT PL - MARSHALL CT | 144+80' EB' - 151+87' EB' | | | 0.2 | | | 4 | | | 20 |
| | MARSHALL CT - FRANKLIN AVE | 151+87' EB' - 159+15' EB' | | | 0.4 | | | 6 | | | 20 |
| | UNIVERSITY BAY DR - END PROJECT | 166+21' EB' - 172+00' EB' | | | 0.5 | | | 8 | | | 20 |
| | STAGE 5 SUBTOTAL | | | | 1.0 | | | 19 | | | 55 |
| CATEGORY 0010 TOTAL | | | | | | | | | | | |
| | | | 3180 | 3180 | 5.0 | 57.2 | 85.8 | 79 | 55 | | 4930 |
| 5992-11-31 CATEGORY 0080 | | | | | | | | | | | |
| STAGE 2A | | | | | | | | | | | |
| | UNIVERSITY AVE - HIGHLAND AVE | 20+30' BD - 28+35' BD | 2578 | 2578 | 1.7 | 46.4 | 69.6 | 1 | 30 | | 127 |
| | STAGE 2A SUBTOTAL | | 2578 | 2578 | 1.7 | 46.4 | 69.6 | 1 | 30 | | 127 |
| STAGE 2B | | | | | | | | | | | |
| | UNIVERSITY AVE - HIGHLAND AVE | 20+30' BD - 28+35' BD | 22 | 22 | 0.1 | 0.4 | 0.6 | 1 | 0 | | 18 |
| | STAGE 2B SUBTOTAL | | 22 | 22 | 0.1 | 0.4 | 0.6 | 1 | 0 | | 18 |
| CATEGORY 0080 TOTAL | | | | | | | | | | | |
| | | | 2600 | 2600 | 1.8 | 46.8 | 70.2 | 2 | 30 | | 145 |
| PROJECT 5992-11-31 TOTAL | | | | | | | | | | | |
| | | | 5780 | 5780 | 6.8 | 104.0 | 156.0 | 80 | 85 | | 5075 |

| TRACKING PADS | |
|--------------------------|---|
| 628,7560 | |
| TRACKING PADS | |
| LOCATION | |
| PROJECT WIDE | 4 |
| STAGE 2 SUBTOTAL | 4 |
| PROJECT WIDE | 4 |
| STAGE 4 SUBTOTAL | 4 |
| CATEGORY 0010 TOTAL | 8 |
| PROJECT 5992-11-31 TOTAL | 8 |

| TEMPORARY INLET COVER | | | | | | | | | | | |
|--------------------------|----------------------------------|---------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| STAGE | LOCATION | STATION | PROJECT |
| 5992-11-31 CATEGORY 0040 | | | | | | | | | | | |
| STAGE 1 | | | | | | | | | | | |
| | BEGN PROJECT - SHOREWOOD BLVD | 135+58' EB' - 139+00' EB' | | | | | | | | | 3 |
| | SHOREWOOD BLVD - SCHMITT PL | 139+00' EB' - 144+80' EB' | | | | | | | | | 6 |
| | SCHMITT PL - MARSHALL CT | 144+80' EB' - 151+87' EB' | | | | | | | | | 3 |
| | MARSHALL CT - FRANKLIN AVE | 151+87' EB' - 159+15' EB' | | | | | | | | | 4 |
| | FRANKLIN AVE - UNIVERSITY BAY DR | 159+15' EB' - 166+21' EB' | | | | | | | | | 5 |
| | UNIVERSITY BAY DR - END PROJECT | 166+21' EB' - 172+00' EB' | | | | | | | | | 25 |
| | STAGE 1 SUBTOTAL | | | | | | | | | | 55 |
| STAGE 3 | | | | | | | | | | | |
| | SHOREWOOD BLVD - SCHMITT PL | 139+00' EB' - 144+80' EB' | | | | | | | | | 7 |
| | SCHMITT PL - MARSHALL CT | 144+80' EB' - 151+87' EB' | | | | | | | | | 4 |
| | MARSHALL CT - FRANKLIN AVE | 151+87' EB' - 159+15' EB' | | | | | | | | | 6 |
| | FRANKLIN AVE - UNIVERSITY BAY DR | 159+15' EB' - 166+21' EB' | | | | | | | | | 6 |
| | UNIVERSITY BAY DR - END PROJECT | 166+21' EB' - 172+00' EB' | | | | | | | | | 7 |
| | STAGE 3 SUBTOTAL | | | | | | | | | | 30 |
| CATEGORY 0040 TOTAL | | | | | | | | | | | |
| | | | | | | | | | | | 20 |
| PROJECT 5992-11-31 TOTAL | | | | | | | | | | | |
| | | | | | | | | | | | 55 |

| ADJUST MMMSD SPECIAL | |
|--------------------------|---------------|
| SPY/0650.056 | |
| ADJUST MMMSD SPECIAL | |
| LOCATION | |
| STATION - STATION | |
| CATALEQUE CT | 50+00 - 54+00 |
| STAGE 2 SUBTOTAL | 2 |
| CATEGORY 0010 TOTAL | 2 |
| PROJECT 5992-11-31 TOTAL | 2 |

| TRAFFIC CONTROL ITEMS | | | | | | | | | | | | | | | SAWING | | | | | | |
|-----------------------|---|------------|-----------------------|----------------------------|----------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|----------------------|-----------------------------|--------------------------------|--------------------------|---------------------------------|-------------------------|-------------------|---------------------|----------------------|---------------------|--|
| STAGE | LOCATION | DAYS | 643,0300 | 643,0410 | 643,0420 | 643,0500 | 643,0600 | 643,0705 | 643,0715 | 643,0800 | 643,1050 | SPV,0045,001 | SPV,0045,002 | SPV,0045,003 | STAGE | LOCATION | STATION - STATION | SAWING ASPHALT (LF) | SAWING CONCRETE (LF) | SAWING SAVINGS (LF) | |
| 5992-11-31 | 5992-11-31 | 5992-11-31 | TRAFFIC CONTROL DRUMS | TRAFFIC CONTROL BARRICADES | TRAFFIC CONTROL BARRICADES | TRAFFIC CONTROL POSTS | TRAFFIC CONTROL BASES | TRAFFIC CONTROL LIGHTS | TRAFFIC CONTROL LIGHTS | TRAFFIC CONTROL LIGHTS | TRAFFIC CONTROL FCMS | TRAFFIC CONTROL HILL STREET | TRAFFIC CONTROL SHOREWOOD BLVD | TRAFFIC CONTROL RIDGE ST | SPV,0045,003 | 5992-11-31 | 5992-11-31 | 5992-11-31 | 5992-11-31 | 5992-11-31 | |
| STAGE 1 | STAGE 1A | 14 | 3854 | 185 | 185 | 22 | 22 | 168 | 280 | 28 | 42 | 14 | 14 | 14 | BEGIN PROJECT - SHOREWOOD BLVD | 135+68' EB - 139+00' EB | 491 | 0 | 0 | 0 | |
| | STAGE 1B | 16 | 3576 | 112 | 112 | 22 | 22 | 224 | 320 | 32 | 48 | 16 | 16 | 16 | SHOREWOOD BLVD - SCHMITT PL | 138+00' EB - 144+80' EB | 0 | 1158 | 0 | 0 | |
| | STAGE 2 | 12 | 1020 | 72 | 72 | 22 | 22 | 144 | 240 | 24 | 36 | 12 | 12 | 12 | MARSHALL CT - FRANKLIN AVE | 151+87' EB - 159+11' EB | 0 | 1428 | 0 | 0 | |
| | STAGE 2 PED DETOUR | 80 | 11399 | 645 | 2568 | 106 | 106 | 4,362 | 800 | 168 | 6640 | 80 | 80 | 80 | FRANKLIN AVE - UNIVERSITY BAYDR | 159+15' EB - 166+21' EB | 0 | 1217 | 0 | 0 | |
| | STAGE 3 | 25 | 4400 | 75 | 400 | 12 | 12 | 800 | 250 | 50 | 75 | 25 | 25 | 25 | UNIVERSITY BAYDR - END PROJECT | 166+21' EB - 172+00' EB | 0 | 753 | 0 | 0 | |
| | STAGE 3A | 14* | 2436 | 112 | 112 | 22 | 22 | 224 | 140 | 28 | 42 | 14 | 14 | 14 | SHOREWOOD BLVD - SCHMITT PL | 138+00' EB - 144+80' EB | 225 | 14 | 0 | 0 | |
| | STAGE 4 | 70 | 9240 | 700 | 1120 | 115 | 115 | 630 | 700 | 140 | 6320 | 210 | 70 | 70 | SCHMITT PL - MARSHALL CT | 144+80' EB - 151+87' EB | 57 | 0 | 0 | 0 | |
| | STAGE 5 | 30 | 6540 | 460 | 390 | 60 | 60 | 780 | 300 | 60 | 90 | 30 | 30 | 30 | MARSHALL CT - FRANKLIN AVE | 159+15' EB - 166+21' EB | 33 | 0 | 0 | 0 | |
| | HOSPITAL ALT ROUTE | 10 | 1700 | 120 | 120 | 22 | 22 | 240 | 200 | 20 | 30 | 20 | 20 | 20 | UNIVERSITY BAYDR - END PROJECT | 166+21' EB - 172+00' EB | 308 | 0 | 0 | 0 | |
| | CATEGORY 0010 TOTAL | | 41715 | 2270 | 5090 | 255 | 255 | 7600 | 3230 | 550 | 1225 | 247 | 247 | 247 | MARSHALL CT - FRANKLIN AVE | 50+33' MC - 50+61' MC | 0 | 5 | 0 | 0 | |
| | STAGE 2 SUBTOTAL | | | | | | | | | | | | | | CATAFOUQUE CT | 50+10 - 53+80 | 180 | 821 | 30 | 30 | |
| | STAGE 3 | | | | | | | | | | | | | | SHOREWOOD BLVD - SCHMITT PL | 138+00' EB - 144+80' EB | 1240 | 0 | 0 | 0 | |
| | STAGE 3A | 50 | 1650 | 100 | 250 | 14 | 14 | 500 | -- | -- | 400 | 50 | -- | -- | SCHMITT PL - MARSHALL CT | 144+80' EB - 151+87' EB | 0 | 689 | 0 | 0 | |
| | STAGE 2A | 25 | 475 | 50 | 100 | 11 | 11 | 200 | -- | -- | 150 | 25 | -- | -- | MARSHALL CT - FRANKLIN AVE | 151+87' EB - 159+11' EB | 1474 | 0 | 0 | 0 | |
| | CATEGORY 0080 TOTAL | | 2125 | 150 | 350 | 25 | 25 | 700 | 0 | 0 | 550 | 75 | 0 | 0 | UNIVERSITY BAYDR - END PROJECT | 166+21' EB - 172+00' EB | 845 | 0 | 0 | 0 | |
| | PROJECT 5992-11-31 TOTAL | | 43400 | 2420 | 5440 | 280 | 280 | 8300 | 3230 | 550 | 1300 | 247 | 247 | 247 | SCHMITT PL | 82+16' SP - 82+57' SP | 44 | 8 | 0 | 0 | |
| | *14 DAYS TO BE USED TO COMPLETE WORK PRIOR TO STAGE 4 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | RIDGE ST | 41+94' RS - 42+48' RS | 32 | 37 | 0 | 0 | |
| | | | | | | | | | | | | | | | FRANKLIN AVE | 32+00' NF - 33+34' NF | 36 | 214 | 0 | 0 | |
| | | | | | | | | | | | | | | | FARLEY AVE | 12+85' FA - 14+94' FA | 32 | 68 | 0 | 0 | |
| | | | | | | | | | | | | | | | UNIVERSITY AVE | 71+00' UA - 73+40' UA | 15 | 5 | 0 | 0 | |
| | | | | | | | | | | | | | | | STAGE 4 SUBTOTAL | | 878 | 603 | 0 | 0 | |
| | | | | | | | | | | | | | | | SHOREWOOD BLVD - SCHMITT PL | 138+00' EB - 144+80' EB | 0 | -- | 0 | 0 | |
| | | | | | | | | | | | | | | | SCHMITT PL - MARSHALL CT | 144+80' EB - 151+87' EB | 0 | -- | 0 | 0 | |
| | | | | | | | | | | | | | | | MARSHALL CT - FRANKLIN AVE | 151+87' EB - 159+11' EB | 0 | -- | 0 | 0 | |
| | | | | | | | | | | | | | | | FRANKLIN AVE - UNIVERSITY BAYDR | 159+15' EB - 166+21' EB | 0 | -- | 0 | 0 | |
| | | | | | | | | | | | | | | | UNIVERSITY BAYDR - END PROJECT | 166+21' EB - 172+00' EB | 0 | -- | 0 | 0 | |
| | | | | | | | | | | | | | | | STAGE 5 SUBTOTAL | | 0 | 0 | 0 | 0 | |
| | | | | | | | | | | | | | | | CATEGORY 0010 TOTAL | | 8730 | 6685 | 0 | 0 | |
| | | | | | | | | | | | | | | | PROJECT 5992-11-31 TOTAL | | 9615 | 6720 | 0 | 0 | |

Addendum No. 01
 ID 5992-11-31/32/33
 Revised Sheet 344
 February 25, 2022

SANITARY SEWER STRUCTURES SUMMARY

| STRUCTURE NO. | STATION | LOCATION (OFFSET) | RIM ELEV. | EXISTING TOP OF CASTING | ESTIMATED BOTTOM OF STRUCTURE | DEPTH | SANITARY TAP | SANITARY SEWER ACCESS STRUCTURE | 4-FT DIAMETER | 5-FT DIAMETER | ABANDON SANITARY ACCESS STRUCTURE | ABANDON SANITARY PIPE PLUG | SANITARY SEWER CHIMNEY SEAL | INTERNAL MANHOLE COVERS | MANHOLE COVER SPECIAL | MANHOLE COVER TYPE | ABANDON SANITARY ACCESS STRUCTURE | ABANDON SANITARY PIPE PLUG | EXTERNAL SEWER STRUCTURE JOINT SEAL | EXTERNAL SEWER ACCESS STRUCTURE | REMOVE SANITARY ACCESS STRUCTURE | RECONSTRUCT MANHOLE AND FLOWLINES | RECONSTRUCT BAND AND DRCP | CONSTRUCT 10-INCH VPI | | |
|----------------------------------|-------------|-------------------|-----------|-------------------------|-------------------------------|--------|--------------|---------------------------------|---------------|---------------|-----------------------------------|----------------------------|-----------------------------|-------------------------|-----------------------|--------------------|-----------------------------------|----------------------------|-------------------------------------|---------------------------------|----------------------------------|-----------------------------------|---------------------------|-----------------------|---|---|
| EX. SAS 3850-022 | 138+22.51 | 17.89 RT | - | 879.51 | 872.03 | 7.98 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| EX. SAS 3850-005 | 138+21.83 | 2.78 LT | - | 879.49 | 872.27 | 7.72 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SAS 1A | 138+81.33 | 879.25 | - | 879.25 | 872.03 | 7.16 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SAS 1 | 138+81.33 | 879.25 | - | 879.25 | 872.03 | 7.16 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SAS 2 | 138+65.75 | 20.70 RT | - | 878.98 | 872.88 | 6.84 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EX. SAS 3850-004 | 139+86.97 | 0.87 LT | - | 878.99 | 872.38 | 872.88 | 6.61 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SAS 3 | 142+00.36 | 27.07 RT | - | 883.51 | 873.27 | 10.24 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EX. SAS 3850-003 | 142+22.35 | 6.59 RT | - | 884.29 | 873.52 | 10.77 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EX. SAS 3850-002 | 144+81.88 | 2.41 RT | - | 892.67 | 883.53 | 884.03 | 9.14 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SAS 4 | 144+82.96 | 27.51 RT | - | 892.13 | 882.15 | 882.65 | 9.98 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EX. SAS 3850-001 | 146+05.14 | 2.22 LT | - | 893.78 | 884.15 | 884.65 | 9.63 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SAS 5 | 144+16.43 | 69.73 RT | - | 892.70 | 883.50 | 883.70 | 9.50 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SAS 6 | 144+16.43 | 69.73 RT | - | 892.70 | 883.50 | 883.70 | 9.50 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SAS 12 | 148+26.76 | 26.55 RT | - | 890.26 | 878.50 | 879.00 | 11.76 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EX. SAS 3850-012 | 148+31.80 | 5.89 LT | - | 890.79 | 878.90 | 879.40 | 11.89 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SAS 9 | 149+19.45 | 27.02 RT | - | 887.24 | 875.50 | 876.00 | 11.74 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EX. SAS 3850-013 | 149+80.99 | 7.71 RT | - | 885.45 | 873.71 | 874.21 | 11.74 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EX. SAS MH02-042 | 151+66.30 | 24.51 LT | - | 880.27 | 867.60 | 868.10 | 12.67 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EX. SAS 3850-014 | 151+80.29 | 17.89 RT | - | 879.85 | 870.07 | 870.57 | 9.78 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SAS 8 | 151+82.96 | 27.18 RT | - | 879.88 | 869.00 | 869.50 | 10.68 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SAS 10 | 152+01.51 | 86.45 RT | - | 879.30 | 870.50 | 871.00 | 8.60 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SAS 11 | 152+01.51 | 86.45 RT | - | 879.30 | 870.50 | 871.00 | 8.60 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EX. SAS 4050-001 | 155+27.12 | 35.78 RT | - | 877.35 | 868.64 | 869.54 | 9.32 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SAS 7 | 155+27.30 | 27.03 RT | - | 877.52 | 868.89 | 867.39 | 10.63 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EX. SAS 4050-002 | 157+27.09 | 41.31 RT | - | 876.72 | 868.97 | 868.47 | 7.75 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EX. MMSD MH02-041 | 155+65.59 | 2.26 LT | - | 877.54 | 866.47 | 866.97 | 11.07 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SAS 13 | 157+28.31 | 26.94 RT | - | 876.44 | 867.95 | 868.45 | 8.49 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SAS 14 | 33+15.03 NF | 3.56 LT | - | 875.15 | 866.35 | 866.85 | 6.80 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EX. MMSD MH02-040 | 139+11.76 | 1.92 RT | - | 875.99 | 868.15 | 868.65 | 7.84 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EX. MMSD MH02-038 | 152+56.86 | 2.18 LT | - | 876.35 | 868.79 | 869.29 | 8.76 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EX. SAS 4050-007 | 32+41.84 NF | 12.50 LT | - | 876.93 | 869.03 | 869.53 | 7.90 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SAS 15 | 31+27.88 NF | 0.83 LT | - | 883.11 | 872.00 | 872.50 | 11.11 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EX. SAS 4050-008 | 31+27.75 NF | 16.15 LT | - | 882.77 | 874.63 | 875.13 | 8.14 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EX. SAS 4051-001 | 12+88.00 FA | 0.00 LT | - | 881.99 | 873.60 | 874.10 | 8.39 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EX. SAS 4150-010 | 14+84.98 FA | 1.29 LT | - | 876.12 | 866.62 | 867.12 | 9.50 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SAS 16 | 12+86.00 FA | 0.00 LT | - | 881.99 | 872.50 | 873.00 | 9.49 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PROJECT 5992-11-32 TOTALS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.3 | | | | | | | | | | | | | | | | | | | | | | | | | | |

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 ID 5992-11-31/32/33
 Revised Sheet 364
 February 25, 2022

SANITARY SEWER ABANDONMENT SUMMARY

| LOCATION (DOWNSTREAM) | LOCATION (UPSTREAM) | PIPE SIZE (INCH DIAMETER) | PIPE LENGTH (FT) | ABANDON SANITARY SEWERS-SLURRY (CY) | PIPE PLUG (EACH) |
|----------------------------------|----------------------------------|---------------------------|------------------|-------------------------------------|------------------|
| SAS 3850-022 | SAS 3850-005 | 12 | 21 | 0.81 | - |
| SAS 3850-005 | SAS 3850-004 | 12 | 145 | 4.22 | - |
| SAS 3850-004 | SAS 3850-003 | 12 | 256 | 7.45 | - |
| SAS 3850-003 | SAS 3850-002 | 6 | 260 | 1.89 | - |
| SAS 3850-002 | SAS 4050-007 | 10 | 125 | 0.94 | - |
| SAS 4050-007 | SAS 4050-008 | 8 | 114 | 1.47 | - |
| SAS 4050-008 | SAS 4 (STA. 144+82.96, 27.51 RT) | 6 | 25 | 0.18 | - |
| SAS 4 (STA. 144+82.96, 27.51 RT) | STA 154+27.35 RT | 10 | 104 | 2.10 | - |
| STA 154+27.35 RT | SAS 3850-013 | 6 | 199 | 1.45 | - |
| SAS 3850-013 | SAS 3850-012 | 6 | 150 | 1.09 | - |
| SAS 3850-012 | STA. 139+86.20, 20.7 RT | 10 | - | - | 9 |
| STA. 139+86.20, 20.7 RT | MISCELLANEOUS | - | - | - | - |
| PROJECT 5992-11-32 TOTALS | | | | | 22.86 |
| | | | | | 10 |

Addendum No. 01
 ID 5992-11-31/32/33
 Revised Sheet 366
 February 25, 2022

3

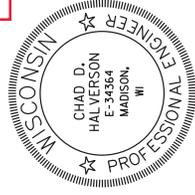
| FURNISH AND INSTALL WATERMAIN PIPE & FITTINGS | | | | | | | | | | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------------|-----------------------------------|-----------------------------------|------------------------------------|------------------------------------|--------------------------------------|
| SPV,0090.025 | SPV,0090.026 | SPV,0090.027 | SPV,0090.028 | SPV,0090.029 | SPV,0090.030 | SPV,0090.031 | SPV,0090.032 | SPV,0090.033 | SPV,0090.034 | SPV,0090.035 | SPV,0090.036 |
| 6-INCH (LF) | 8-INCH (LF) | 10-INCH (LF) | 12-INCH (LF) | 16-INCH (LF) | FOR WATER MAIN (CY) | CLAY TRENCH PLUS (EACH) | FLUOROCARBON GASKET 6-INCH (EACH) | FLUOROCARBON GASKET 8-INCH (EACH) | FLUOROCARBON GASKET 12-INCH (EACH) | FLUOROCARBON GASKET 16-INCH (EACH) | SPV,0060.027 FLOOD CARBON BOX (EACH) |
| STATION - STATION | STATION - STATION | STATION - STATION | STATION - STATION | STATION - STATION | STATION - STATION | STATION - STATION | STATION - STATION | STATION - STATION | STATION - STATION | STATION - STATION | STATION - STATION |
| UNIVERSITY AVENUE | UNIVERSITY AVENUE | UNIVERSITY AVENUE | UNIVERSITY AVENUE | UNIVERSITY AVENUE | UNIVERSITY AVENUE | UNIVERSITY AVENUE | UNIVERSITY AVENUE | UNIVERSITY AVENUE | UNIVERSITY AVENUE | UNIVERSITY AVENUE | UNIVERSITY AVENUE |
| 139-91'EB - 144-83'EB | 139-91'EB - 144-83'EB | 139-91'EB - 144-83'EB | 139-91'EB - 144-83'EB | 139-91'EB - 144-83'EB | 139-91'EB - 144-83'EB | 139-91'EB - 144-83'EB | 139-91'EB - 144-83'EB | 139-91'EB - 144-83'EB | 139-91'EB - 144-83'EB | 139-91'EB - 144-83'EB | 139-91'EB - 144-83'EB |
| 144-83'EB - 151-94'EB | 144-83'EB - 151-94'EB | 144-83'EB - 151-94'EB | 144-83'EB - 151-94'EB | 144-83'EB - 151-94'EB | 144-83'EB - 151-94'EB | 144-83'EB - 151-94'EB | 144-83'EB - 151-94'EB | 144-83'EB - 151-94'EB | 144-83'EB - 151-94'EB | 144-83'EB - 151-94'EB | 144-83'EB - 151-94'EB |
| 151-94'EB - 159-34'EB | 151-94'EB - 159-34'EB | 151-94'EB - 159-34'EB | 151-94'EB - 159-34'EB | 151-94'EB - 159-34'EB | 151-94'EB - 159-34'EB | 151-94'EB - 159-34'EB | 151-94'EB - 159-34'EB | 151-94'EB - 159-34'EB | 151-94'EB - 159-34'EB | 151-94'EB - 159-34'EB | 151-94'EB - 159-34'EB |
| 159-34'EB - 166-20'EB | 159-34'EB - 166-20'EB | 159-34'EB - 166-20'EB | 159-34'EB - 166-20'EB | 159-34'EB - 166-20'EB | 159-34'EB - 166-20'EB | 159-34'EB - 166-20'EB | 159-34'EB - 166-20'EB | 159-34'EB - 166-20'EB | 159-34'EB - 166-20'EB | 159-34'EB - 166-20'EB | 159-34'EB - 166-20'EB |
| 166-20'EB - 173-30'EB | 166-20'EB - 173-30'EB | 166-20'EB - 173-30'EB | 166-20'EB - 173-30'EB | 166-20'EB - 173-30'EB | 166-20'EB - 173-30'EB | 166-20'EB - 173-30'EB | 166-20'EB - 173-30'EB | 166-20'EB - 173-30'EB | 166-20'EB - 173-30'EB | 166-20'EB - 173-30'EB | 166-20'EB - 173-30'EB |
| SCHMITT PLACE | SCHMITT PLACE | SCHMITT PLACE | SCHMITT PLACE | SCHMITT PLACE | SCHMITT PLACE | SCHMITT PLACE | SCHMITT PLACE | SCHMITT PLACE | SCHMITT PLACE | SCHMITT PLACE | SCHMITT PLACE |
| RIDGE STREET | RIDGE STREET | RIDGE STREET | RIDGE STREET | RIDGE STREET | RIDGE STREET | RIDGE STREET | RIDGE STREET | RIDGE STREET | RIDGE STREET | RIDGE STREET | RIDGE STREET |
| FRANKLIN AVE | FRANKLIN AVE | FRANKLIN AVE | FRANKLIN AVE | FRANKLIN AVE | FRANKLIN AVE | FRANKLIN AVE | FRANKLIN AVE | FRANKLIN AVE | FRANKLIN AVE | FRANKLIN AVE | FRANKLIN AVE |
| FARLEY | FARLEY | FARLEY | FARLEY | FARLEY | FARLEY | FARLEY | FARLEY | FARLEY | FARLEY | FARLEY | FARLEY |
| UNINDISTRIBUTED | UNINDISTRIBUTED | UNINDISTRIBUTED | UNINDISTRIBUTED | UNINDISTRIBUTED | UNINDISTRIBUTED | UNINDISTRIBUTED | UNINDISTRIBUTED | UNINDISTRIBUTED | UNINDISTRIBUTED | UNINDISTRIBUTED | UNINDISTRIBUTED |
| 250 | 340 | 0 | 191 | 2153 | 2934 | 11 | 30 | 4 | 1 | 3 | 4 |
| CATEGORY 0010 TOTAL | | | | | | | | | | | |
| CATEGORY 0030 | | | | | | | | | | | |
| UNIVERSITY BAY DRIVE | UNIVERSITY BAY DRIVE | UNIVERSITY BAY DRIVE | UNIVERSITY BAY DRIVE | UNIVERSITY BAY DRIVE | UNIVERSITY BAY DRIVE | UNIVERSITY BAY DRIVE | UNIVERSITY BAY DRIVE | UNIVERSITY BAY DRIVE | UNIVERSITY BAY DRIVE | UNIVERSITY BAY DRIVE | UNIVERSITY BAY DRIVE |
| 22 | -- | 160 | 25 | 115 | 322 | -- | -- | 3 | 4 | -- | 8 |
| CATEGORY 0030 TOTAL | | | | | | | | | | | |
| 22 | 0 | 160 | 25 | 115 | 322 | 0 | 3 | 4 | 4 | 2 | 8 |
| PROJECT 5992-11-32 TOTALS | | | | | | | | | | | |
| 272 | 340 | 160 | 216 | 2268 | 3256 | 11 | 30 | 7 | 5 | 5 | 12 |

| FURNISH AND INSTALL WATER VALVE | | | | | | | | | | | |
|---------------------------------|-----------------------|-----------------------|-----------------------|----------------------------------|--------------------------|--|--|--|--|--|--|
| SPV,0090.041 | SPV,0090.042 | SPV,0090.043 | SPV,0090.044 | SPV,0090.054 | SPV,0090.051 | | | | | | |
| 6-INCH VALVE (EACH) | 8-INCH VALVE (EACH) | 12-INCH VALVE (EACH) | 16-INCH VALVE (EACH) | ADJUST VALVE BOX SECTIONS (EACH) | WATER ABANDON BOX (EACH) | | | | | | |
| STATION - STATION | STATION - STATION | STATION - STATION | STATION - STATION | STATION - STATION | STATION - STATION | | | | | | |
| UNIVERSITY AVENUE | UNIVERSITY AVENUE | UNIVERSITY AVENUE | UNIVERSITY AVENUE | UNIVERSITY AVENUE | UNIVERSITY AVENUE | | | | | | |
| 138-50'EB - 144-83'EB | 138-50'EB - 144-83'EB | 138-50'EB - 144-83'EB | 138-50'EB - 144-83'EB | 138-50'EB - 144-83'EB | 138-50'EB - 144-83'EB | | | | | | |
| 144-83'EB - 151-94'EB | 144-83'EB - 151-94'EB | 144-83'EB - 151-94'EB | 144-83'EB - 151-94'EB | 144-83'EB - 151-94'EB | 144-83'EB - 151-94'EB | | | | | | |
| 151-94'EB - 159-34'EB | 151-94'EB - 159-34'EB | 151-94'EB - 159-34'EB | 151-94'EB - 159-34'EB | 151-94'EB - 159-34'EB | 151-94'EB - 159-34'EB | | | | | | |
| 159-34'EB - 166-20'EB | 159-34'EB - 166-20'EB | 159-34'EB - 166-20'EB | 159-34'EB - 166-20'EB | 159-34'EB - 166-20'EB | 159-34'EB - 166-20'EB | | | | | | |
| 166-20'EB - 173-30'EB | 166-20'EB - 173-30'EB | 166-20'EB - 173-30'EB | 166-20'EB - 173-30'EB | 166-20'EB - 173-30'EB | 166-20'EB - 173-30'EB | | | | | | |
| SCHMITT PLACE | SCHMITT PLACE | SCHMITT PLACE | SCHMITT PLACE | SCHMITT PLACE | SCHMITT PLACE | | | | | | |
| RIDGE STREET | RIDGE STREET | RIDGE STREET | RIDGE STREET | RIDGE STREET | RIDGE STREET | | | | | | |
| FRANKLIN AVE | FRANKLIN AVE | FRANKLIN AVE | FRANKLIN AVE | FRANKLIN AVE | FRANKLIN AVE | | | | | | |
| FARLEY | FARLEY | FARLEY | FARLEY | FARLEY | FARLEY | | | | | | |
| UNINDISTRIBUTED | UNINDISTRIBUTED | UNINDISTRIBUTED | UNINDISTRIBUTED | UNINDISTRIBUTED | UNINDISTRIBUTED | | | | | | |
| 14 | 9 | 2 | 16 | 1 | 4 | | | | | | |
| CATEGORY 0010 TOTAL | | | | | | | | | | | |
| CATEGORY 0030 | | | | | | | | | | | |
| UNIVERSITY BAY DRIVE | UNIVERSITY BAY DRIVE | UNIVERSITY BAY DRIVE | UNIVERSITY BAY DRIVE | UNIVERSITY BAY DRIVE | UNIVERSITY BAY DRIVE | | | | | | |
| 1 | -- | 2 | 1 | -- | -- | | | | | | |
| CATEGORY 0030 TOTAL | | | | | | | | | | | |
| 1 | 0 | 2 | 1 | 0 | 0 | | | | | | |
| PROJECT 5992-11-32 TOTALS | | | | | | | | | | | |
| 15 | 9 | 4 | 17 | 1 | 16 | | | | | | |

| FURNISH AND INSTALL HYDRANT/SALVAGE EXISTING HYDRANT | | | | | | | | | | | |
|--|--------------------------|-----------------------|---|--|--|--|--|--|--|--|--|
| SPV,0060.049 | SPV,0060.046 | SPV,0060.048 | SPV,0060.052 | | | | | | | | |
| CUT-IN OR CONNECT TO EXISTING WATER SYSTEM (EACH) | RECONNECT LATERAL (EACH) | WATER SERVICE (EACH) | ABANDON WATER VALVE ACCESS STRUCTURE (EACH) | | | | | | | | |
| STATION - STATION | STATION - STATION | STATION - STATION | STATION - STATION | | | | | | | | |
| UNIVERSITY AVENUE | UNIVERSITY AVENUE | UNIVERSITY AVENUE | UNIVERSITY AVENUE | | | | | | | | |
| 141-59'EB - 146-98'EB | 141-59'EB - 146-98'EB | 141-59'EB - 146-98'EB | 141-59'EB - 146-98'EB | | | | | | | | |
| 146-98'EB - 156-24'EB | 146-98'EB - 156-24'EB | 146-98'EB - 156-24'EB | 146-98'EB - 156-24'EB | | | | | | | | |
| 156-24'EB - 167-02'EB | 156-24'EB - 167-02'EB | 156-24'EB - 167-02'EB | 156-24'EB - 167-02'EB | | | | | | | | |
| 167-02'EB - 167-16'EB | 167-02'EB - 167-16'EB | 167-02'EB - 167-16'EB | 167-02'EB - 167-16'EB | | | | | | | | |
| SCHMITT PLACE | SCHMITT PLACE | SCHMITT PLACE | SCHMITT PLACE | | | | | | | | |
| RIDGE STREET | RIDGE STREET | RIDGE STREET | RIDGE STREET | | | | | | | | |
| UNINDISTRIBUTED | UNINDISTRIBUTED | UNINDISTRIBUTED | UNINDISTRIBUTED | | | | | | | | |
| 7 | 2 | 2 | -- | | | | | | | | |
| CATEGORY 0010 TOTAL | | | | | | | | | | | |
| 20 | 17 | 2 | 2 | | | | | | | | |
| CATEGORY 0030 | | | | | | | | | | | |
| UNIVERSITY BAY DRIVE | UNIVERSITY BAY DRIVE | UNIVERSITY BAY DRIVE | UNIVERSITY BAY DRIVE | | | | | | | | |
| 6 | -- | -- | -- | | | | | | | | |
| CATEGORY 0030 TOTAL | | | | | | | | | | | |
| 6 | -- | -- | -- | | | | | | | | |
| PROJECT 5992-11-32 TOTALS | | | | | | | | | | | |
| 26 | 17 | 2 | 2 | | | | | | | | |

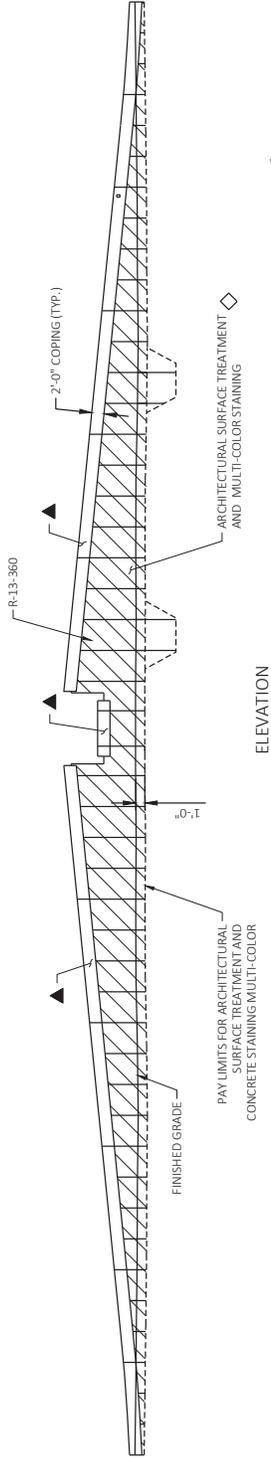
| CONSTRUCTION STAKING | | | | | | | | | | | |
|---------------------------|-------------------|--|--|--|--|--|--|--|--|--|--|
| SPV,0060.008 | SPV,0060.009 | | | | | | | | | | |
| UNDISTRIBUTED | UNDISTRIBUTED | | | | | | | | | | |
| STATION - STATION | STATION - STATION | | | | | | | | | | |
| UNINDISTRIBUTED | UNINDISTRIBUTED | | | | | | | | | | |
| 0 | 1 | | | | | | | | | | |
| CATEGORY 0020 TOTAL | | | | | | | | | | | |
| 1 | 1 | | | | | | | | | | |
| PROJECT 5992-11-32 TOTALS | | | | | | | | | | | |
| 1 | 1 | | | | | | | | | | |

Addendum No. 01
ID 5992-11-31/32/33
Revised Sheet 617
February 25, 2022



Chad Halverson
February 23, 2022

[Signature]
02/23/22



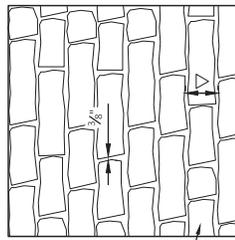
ELEVATION

LEGEND

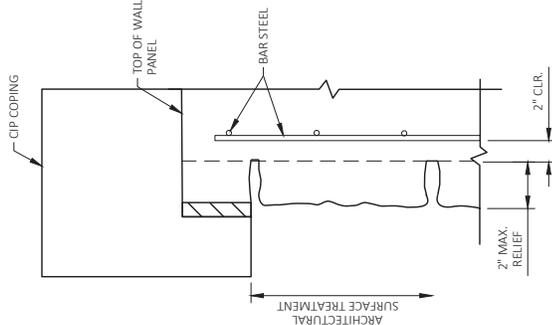
- ▲ CIP CONCRETE, RUBBER FINISH ON ALL SIDES EXCEPT TOP, TYP. STAIN COLOR NUMBER AMS-STD 23448.
- ◆ CUSTOM-ROCK FORMLINER NUMBER #2411, "RANDOM CUT STONE (12" COURSING)" OR APPROVED EQUAL (INCLUDING 15" COURSING). SPLIT FACE FINISH ALL EXPOSED SURFACES AND EDGES UNLESS NOTED OTHERWISE. MULTI-STAIN COLOR NUMBERS AMS-STD 20400, 23564 AND 23722. COURSE HEIGHT TO BE 1".
- ▽ MORTAR STAIN COLOR NUMBER AMS-STD 23564.

NOTES

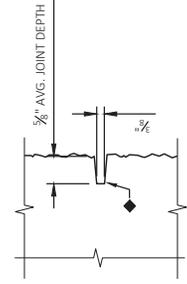
- FORMLINER PATTERN SHALL BE LEVEL AND CONTINUOUS AROUND ALL CORNERS. THE COST OF FORMLINER TREATMENTS IS PAID FOR UNDER SPECIAL PROVISIONS "ARCHITECTURAL SURFACE TREATMENT". MAX. ALLOWED RELIEF IS 2".
- ARCHITECTURAL SURFACE TREATMENT AND STAIN SHALL EXTEND 1'-0" BELOW FINISHED GRADE.
- CONTRACTOR TO PROVIDE FULL HEIGHT MOCK-UP FOR REVIEW OF AESTHETIC DETAILS AND CONCRETE COLOR STAINING SELECTION.



FORMLINER DETAIL



SECTION THRU FORMLINER



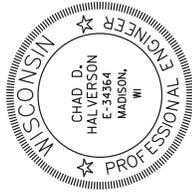
"MORTAR JOINT" DETAIL
APPLIES TO HORIZONTAL & VERTICAL JOINTS

| | | | | | |
|-----|-----------|----------|---------------|-----|----|
| NO. | DATE | INCREASE | COURSING SIZE | CDH | BY |
| 1 | 2/23/2022 | | | | |

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION
STRUCTURE R-13-360
DRAWN BY: PKAS
CHECKED BY: CAH

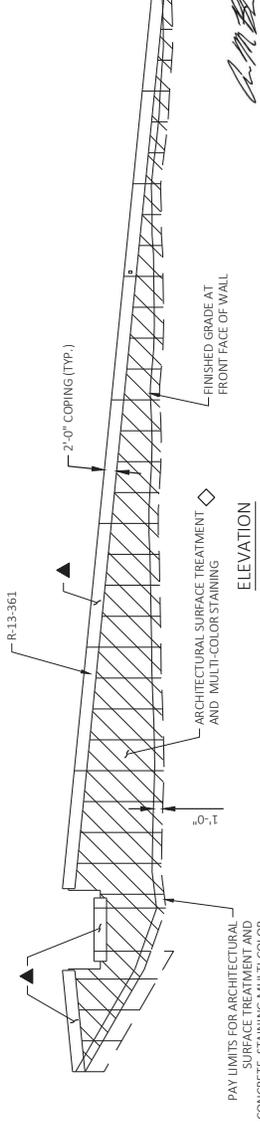
AESTHETIC DETAILS
SHEET B OF 9
617

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ID 5992-11-31/32/33
Revised Sheet 625
February 25, 2022

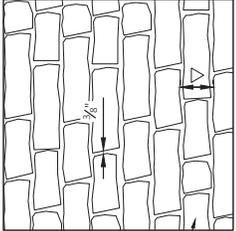


Chad Halverson
February 23, 2022

[Signature]
02/23/22



ELEVATION



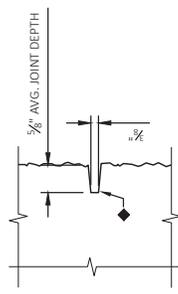
FORMLINER DETAIL

LEGEND

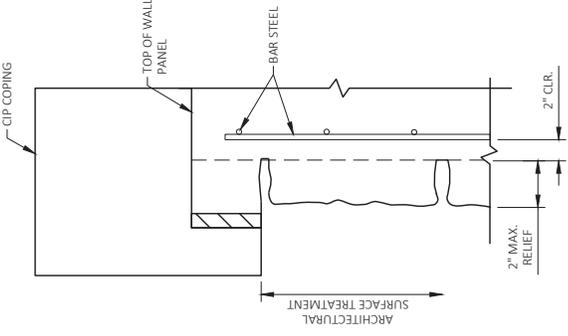
- ▲ CIP CONCRETE, RUBBER FINISH ON ALL SIDES EXCEPT TOP, TYP. STAIN COLOR NUMBER AMS-STD 23564.
- ◇ CUSTOM-ROCK FORMLINER NUMBER #2411 "RANDOM CUT STONE (12" COURSING)" OR APPROVED EQUAL (INCLUDING 15" COURSING). SPLIT FACE FINISH ALL EXPOSED SURFACES AND EDGES UNLESS NOTED OTHERWISE. MULTI-STAIN COLOR NUMBERS AMS-STD 20400, 23564 AND 23722. COURSE HEIGHT TO BE 1'.
- ▽ MORTAR STAIN COLOR NUMBER AMS-STD 23564.

NOTES

- FORMLINER PATTERN SHALL BE LEVEL AND CONTINUOUS AROUND ALL CORNERS.
- THE COST OF FORMLINER TREATMENTS IS PAID FOR UNDER SPECIAL PROVISIONS "ARCHITECTURAL SURFACE TREATMENT". MAX. ALLOWED RELIEF IS 2".
- ARCHITECTURAL SURFACE TREATMENT AND STAIN SHALL EXTEND TO 1'-0" BELOW FINISHED GRADE.
- CONTRACTOR TO PROVIDE FULL HEIGHT MOCK-UP FOR REVIEW OF AESTHETIC DETAILS AND CONCRETE COLOR STAINING SELECTION.



"MORTAR JOINT" DETAIL
APPLIES TO HORIZONTAL & VERTICAL JOINTS



SECTION THRU FORMLINER

| NO. | DATE | INCREASE | COURSING SIZE | CDP | REVISION | BY |
|-----|-----------|----------|---------------|-----|----------|----|
| 1 | 2/23/2022 | | | | | |

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION
STRUCTURE R-13-361
DRAWN BY: CAH
CHECKED BY: STD

AESTHETIC DETAILS
SHEET 7 OF 8
625



Proposal Schedule of Items

Proposal ID: 20220308009 Project(s): 5992-11-31, 5992-11-32, 5992-11-33

Federal ID(s): WISC 2022233, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|---|--------------------------------|------------|------------|
| 0002 | 201.0105 Clearing | 19.000 STA | _____. | _____. |
| 0004 | 201.0120 Clearing | 45.000 ID | _____. | _____. |
| 0006 | 201.0205 Grubbing | 19.000 STA | _____. | _____. |
| 0008 | 201.0220 Grubbing | 45.000 ID | _____. | _____. |
| 0010 | 204.0100 Removing Concrete Pavement | 29,835.000 SY | _____. | _____. |
| 0014 | 204.0150 Removing Curb & Gutter | 9,560.000 LF | _____. | _____. |
| 0016 | 204.0155 Removing Concrete Sidewalk | 3,370.000 SY | _____. | _____. |
| 0018 | 204.0165 Removing Guardrail | 240.000 LF | _____. | _____. |
| 0020 | 204.0195 Removing Concrete Bases | 82.000 EACH | _____. | _____. |
| 0022 | 204.0210 Removing Manholes | 2.000 EACH | _____. | _____. |
| 0024 | 204.0220 Removing Inlets | 72.000 EACH | _____. | _____. |
| 0026 | 204.0245 Removing Storm Sewer (size) 001. 12'X4' Box | 44.000 LF | _____. | _____. |
| 0028 | 204.0245 Removing Storm Sewer (size) 002. 12-Inch | 1,360.000 LF | _____. | _____. |
| 0030 | 204.0245 Removing Storm Sewer (size) 003. 15-Inch | 408.000 LF | _____. | _____. |
| 0032 | 204.0245 Removing Storm Sewer (size) 004. 18-Inch | 172.000 LF | _____. | _____. |



Proposal Schedule of Items

Proposal ID: 20220308009 Project(s): 5992-11-31, 5992-11-32, 5992-11-33

Federal ID(s): WISC 2022233, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|---|--------------------------------|------------|------------|
| 0034 | 204.0245 Removing Storm Sewer (size) 005. 24-Inch | 111.000 LF | _____. | _____. |
| 0036 | 204.0245 Removing Storm Sewer (size) 006. 30-Inch | 118.000 LF | _____. | _____. |
| 0038 | 204.0246 Removing Ancillary Structure (structure) 001. Sta 147+70 | 1.000 EACH | _____. | _____. |
| 0040 | 204.0246 Removing Ancillary Structure (structure) 002. Sta 154+20 | 1.000 EACH | _____. | _____. |
| 0042 | 204.0246 Removing Ancillary Structure (structure) 003. Sta 161+20 | 1.000 EACH | _____. | _____. |
| 0044 | 204.0246 Removing Ancillary Structure (structure) 004. Sta 169+55 | 1.000 EACH | _____. | _____. |
| 0046 | 204.9060.S Removing (item description) 001. Removing Street Light Assembly | 66.000 EACH | _____. | _____. |
| 0048 | 204.9060.S Removing (item description) 002. Traffic Signal | 49.000 EACH | _____. | _____. |
| 0050 | 204.9090.S Removing (item description) 001. Railing | 425.000 LF | _____. | _____. |
| 0052 | 205.0100 Excavation Common | 43,698.000 CY | _____. | _____. |
| 0054 | 206.1000 Excavation for Structures Bridges (structure) 001. B-13-891 | LS | LUMP SUM | _____. |
| 0056 | 213.0100 Finishing Roadway (project) 001. 5992-11-31 | 1.000 EACH | _____. | _____. |
| 0058 | 305.0110 Base Aggregate Dense 3/4-Inch | 1,711.000 TON | _____. | _____. |
| 0060 | 305.0120 Base Aggregate Dense 1 1/4-Inch | 29,165.000 TON | _____. | _____. |



Proposal Schedule of Items

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Federal ID(s): WISC 2022233, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|--|--------------------------------|------------|------------|
| 0062 | 305.0130 Base Aggregate Dense 3-Inch | 20,100.000 TON | _____. | _____. |
| 0064 | 310.0110 Base Aggregate Open-Graded | 56.000 TON | _____. | _____. |
| 0066 | 312.0110 Select Crushed Material | 7,349.000 TON | _____. | _____. |
| 0068 | 371.2000.S QMP Base Aggregate Dense 1 1/4-Inch Compaction | 10.000 EACH | _____. | _____. |
| 0070 | 405.0100 Coloring Concrete WisDOT Red | 155.000 CY | _____. | _____. |
| 0072 | 405.1000 Stamping Colored Concrete | 155.000 CY | _____. | _____. |
| 0074 | 415.0090 Concrete Pavement 9-Inch | 120.000 SY | _____. | _____. |
| 0076 | 416.0170 Concrete Driveway 7-Inch | 540.000 SY | _____. | _____. |
| 0078 | 416.0270 Concrete Driveway HES 7-Inch | 320.000 SY | _____. | _____. |
| 0080 | 455.0605 Tack Coat | 4,749.000 GAL | _____. | _____. |
| 0082 | 460.2000 Incentive Density HMA Pavement | 8,700.000 DOL | 1.00000 | 8,700.00 |
| 0084 | 460.6223 HMA Pavement 3 MT 58-28 S | 9,891.000 TON | _____. | _____. |
| 0086 | 460.6424 HMA Pavement 4 MT 58-28 H | 3,695.000 TON | _____. | _____. |
| 0088 | 465.0105 Asphaltic Surface | 140.000 TON | _____. | _____. |
| 0090 | 465.0120 Asphaltic Surface Driveways and Field Entrances | 75.000 TON | _____. | _____. |
| 0092 | 465.0125 Asphaltic Surface Temporary | 3,930.000 TON | _____. | _____. |



Proposal Schedule of Items

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Federal ID(s): WISC 2022233, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|--|--------------------------------|------------|------------|
| 0094 | 465.0315 Asphaltic Flumes | 18.000 SY | _____. | _____. |
| 0096 | 502.0100 Concrete Masonry Bridges | 427.000 CY | _____. | _____. |
| 0098 | 502.3101 Expansion Device | 28.000 LF | _____. | _____. |
| 0100 | 502.3200 Protective Surface Treatment | 629.000 SY | _____. | _____. |
| 0102 | 504.2000.S Precast Concrete Box Culvert (ft X ft) 001. 12 FT X 4 FT | 107.000 LF | _____. | _____. |
| 0106 | 505.0400 Bar Steel Reinforcement HS Structures | 6,580.000 LB | _____. | _____. |
| 0108 | 505.0600 Bar Steel Reinforcement HS Coated Structures | 64,720.000 LB | _____. | _____. |
| 0110 | 506.2605 Bearing Pads Elastomeric Non-Laminated | 3.000 EACH | _____. | _____. |
| 0112 | 506.8006.S Prefabricated Steel Truss Pedestrian Bridge LRFD (structure) 001. B-13-891 | 1.000 EACH | _____. | _____. |
| 0114 | 511.1100 Temporary Shoring | 19,642.000 SF | _____. | _____. |
| 0116 | 511.2300 Temp Shoring Left in Place (location) 001. Stage 2 | 2,000.000 SF | _____. | _____. |
| 0118 | 513.8016 Railing Steel Pedestrian Type C3 | 1,182.000 LF | _____. | _____. |
| 0120 | 516.0500 Rubberized Membrane Waterproofing | 7.000 SY | _____. | _____. |
| 0122 | 517.1000 Painting Epoxy System Steel Truss (structure) 001. B-13-891 | LS | LUMP SUM | _____. |
| 0124 | 517.1010.S Concrete Staining (structure) 001. B-13-891 | 3,072.000 SF | _____. | _____. |



Proposal Schedule of Items

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Federal ID(s): WISC 2022233, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|--|--------------------------------|------------|------------|
| 0126 | 517.1010.S Concrete Staining (structure) 002. R-13-360 | 1,142.000 SF | _____. | _____. |
| 0128 | 517.1010.S Concrete Staining (structure) 003. R-13-361 | 849.000 SF | _____. | _____. |
| 0130 | 517.1015.S Concrete Staining Multi-Color (structure) 001. B-13-891 | 829.000 SF | _____. | _____. |
| 0132 | 517.1015.S Concrete Staining Multi-Color (structure) 002. R-13-360 | 2,470.000 SF | _____. | _____. |
| 0134 | 517.1015.S Concrete Staining Multi-Color (structure) 003. R-13-061 | 2,680.000 SF | _____. | _____. |
| 0136 | 517.1050.S Architectural Surface Treatment (structure) 001. B-13-891 | 1,521.000 SF | _____. | _____. |
| 0138 | 517.1050.S Architectural Surface Treatment (structure) 002. R-13-360 | 2,470.000 SF | _____. | _____. |
| 0140 | 517.1050.S Architectural Surface Treatment (structure) 003. R-13-361 | 2,680.000 SF | _____. | _____. |
| 0142 | 520.8000 Concrete Collars for Pipe | 19.000 EACH | _____. | _____. |
| 0144 | 522.1012 Apron Endwalls for Culvert Pipe Reinforced Concrete 12-Inch | 1.000 EACH | _____. | _____. |
| 0146 | 531.2030 Drilling Shaft 30-Inch | 26.000 LF | _____. | _____. |
| 0148 | 531.5220 Foundation Single-Shaft Type MF-II (structure) 001. S-13-586 | 2.000 EACH | _____. | _____. |
| 0150 | 532.5120 Monotube Cantilever Type II (structure) 001. Sta. 143+10 | 1.000 EACH | _____. | _____. |



Proposal Schedule of Items

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Federal ID(s): WISC 2022233, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|---|--------------------------------|------------|------------|
| 0152 | 532.5120 Monotube Cantilever Type II (structure) 002. Sta. 142+63 | 1.000 EACH | _____. | _____. |
| 0154 | 532.5120 Monotube Cantilever Type II (structure) 003. Sta. 153+40 | 1.000 EACH | _____. | _____. |
| 0156 | 532.5120 Monotube Cantilever Type II (structure) 004. Sta. 154+06 | 1.000 EACH | _____. | _____. |
| 0158 | 532.5120 Monotube Cantilever Type II (structure) 005. Sta. 160+47 | 1.000 EACH | _____. | _____. |
| 0160 | 532.5220 Monotube Full Span Type II (structure) 001. S-13-856 | 1.000 EACH | _____. | _____. |
| 0162 | 550.1100 Piling Steel HP 10-Inch X 42 Lb | 2,070.000 LF | _____. | _____. |
| 0164 | 550.1120 Piling Steel HP 12-Inch X 53 Lb | 360.000 LF | _____. | _____. |
| 0166 | 601.0407 Concrete Curb & Gutter 18-Inch Type D | 160.000 LF | _____. | _____. |
| 0168 | 601.0411 Concrete Curb & Gutter 30-Inch Type D | 1,200.000 LF | _____. | _____. |
| 0170 | 601.0600 Concrete Curb Pedestrian | 445.000 LF | _____. | _____. |
| 0172 | 602.0410 Concrete Sidewalk 5-Inch | 58,870.000 SF | _____. | _____. |
| 0174 | 602.0415 Concrete Sidewalk 6-Inch | 2,010.000 SF | _____. | _____. |
| 0176 | 602.0515 Curb Ramp Detectable Warning Field Natural Patina | 455.000 SF | _____. | _____. |
| 0178 | 602.0615 Curb Ramp Detectable Warning Field Radial Natural Patina | 275.000 SF | _____. | _____. |
| 0180 | 603.8000 Concrete Barrier Temporary Precast Delivered | 1,800.000 LF | _____. | _____. |



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Federal ID(s): WISC 2022233, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|--|--------------------------------|------------|------------|
| 0182 | 603.8125 Concrete Barrier Temporary Precast Installed | 2,100.000 LF | _____. | _____. |
| 0184 | 604.0400 Slope Paving Concrete | 10.000 SY | _____. | _____. |
| 0186 | 608.0005 Storm Sewer Rock Excavation | 150.000 CY | _____. | _____. |
| 0188 | 608.0312 Storm Sewer Pipe Reinforced Concrete Class III 12-Inch | 1,100.000 LF | _____. | _____. |
| 0190 | 608.0315 Storm Sewer Pipe Reinforced Concrete Class III 15-Inch | 22.000 LF | _____. | _____. |
| 0192 | 608.0318 Storm Sewer Pipe Reinforced Concrete Class III 18-Inch | 97.000 LF | _____. | _____. |
| 0194 | 608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch | 190.000 LF | _____. | _____. |
| 0196 | 608.0396 Storm Sewer Pipe Reinforced Concrete Class III 96-Inch | 2,522.000 LF | _____. | _____. |
| 0198 | 608.0412 Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch | 768.000 LF | _____. | _____. |
| 0200 | 608.0415 Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch | 562.000 LF | _____. | _____. |
| 0202 | 608.0418 Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch | 134.000 LF | _____. | _____. |
| 0204 | 608.0430 Storm Sewer Pipe Reinforced Concrete Class IV 30-Inch | 112.000 LF | _____. | _____. |
| 0206 | 608.0436 Storm Sewer Pipe Reinforced Concrete Class IV 36-Inch | 16.000 LF | _____. | _____. |
| 0208 | 611.0420 Reconstructing Manholes | 5.000 EACH | _____. | _____. |



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SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|---|--------------------------------|------------|------------|
| 0210 | 611.0430 Reconstructing Inlets | 4.000 EACH | _____. | _____. |
| 0212 | 611.0530 Manhole Covers Type J | 2.000 EACH | _____. | _____. |
| 0214 | 611.0642 Inlet Covers Type MS | 3.000 EACH | _____. | _____. |
| 0216 | 611.2004 Manholes 4-FT Diameter | 3.000 EACH | _____. | _____. |
| 0218 | 611.2005 Manholes 5-FT Diameter | 8.000 EACH | _____. | _____. |
| 0220 | 611.2006 Manholes 6-FT Diameter | 3.000 EACH | _____. | _____. |
| 0222 | 611.3004 Inlets 4-FT Diameter | 8.000 EACH | _____. | _____. |
| 0224 | 611.3230 Inlets 2x3-FT | 66.000 EACH | _____. | _____. |
| 0226 | 611.3901 Inlets Median 1 Grate | 3.000 EACH | _____. | _____. |
| 0228 | 611.8110 Adjusting Manhole Covers | 6.000 EACH | _____. | _____. |
| 0230 | 611.8115 Adjusting Inlet Covers | 11.000 EACH | _____. | _____. |
| 0232 | 611.8120.S Cover Plates Temporary | 20.000 EACH | _____. | _____. |
| 0234 | 612.0106 Pipe Underdrain 6-Inch | 700.000 LF | _____. | _____. |
| 0236 | 612.0108 Pipe Underdrain 8-Inch | 18.000 LF | _____. | _____. |
| 0238 | 612.0110 Pipe Underdrain 10-Inch | 9.000 LF | _____. | _____. |
| 0240 | 612.0112 Pipe Underdrain 12-Inch | 333.000 LF | _____. | _____. |
| 0242 | 612.0206 Pipe Underdrain Unperforated 6-Inch | 15.000 LF | _____. | _____. |



Proposal Schedule of Items

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Federal ID(s): WISC 2022233, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

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|----------------------|---|--------------------------------|------------|------------|
| 0244 | 612.0406 Pipe Underdrain Wrapped 6-Inch | 850.000 LF | _____. | _____. |
| 0246 | 616.0700.S Fence Safety | 5,000.000 LF | _____. | _____. |
| 0248 | 618.0100 Maintenance And Repair of Haul Roads (project) 001. 5992-11-31 | 1.000 EACH | _____. | _____. |
| 0250 | 619.1000 Mobilization | 1.000 EACH | _____. | _____. |
| 0252 | 620.0200 Concrete Median Blunt Nose | 12.000 SF | _____. | _____. |
| 0254 | 620.0300 Concrete Median Sloped Nose | 669.000 SF | _____. | _____. |
| 0256 | 624.0100 Water | 1,475.000 MGAL | _____. | _____. |
| 0258 | 625.0100 Topsoil | 5,780.000 SY | _____. | _____. |
| 0260 | 628.1504 Silt Fence | 2,560.000 LF | _____. | _____. |
| 0262 | 628.1520 Silt Fence Maintenance | 4,570.000 LF | _____. | _____. |
| 0264 | 628.1905 Mobilizations Erosion Control | 21.000 EACH | _____. | _____. |
| 0266 | 628.1910 Mobilizations Emergency Erosion Control | 14.000 EACH | _____. | _____. |
| 0268 | 628.2008 Erosion Mat Urban Class I Type B | 5,780.000 SY | _____. | _____. |
| 0270 | 628.7010 Inlet Protection Type B | 61.000 EACH | _____. | _____. |
| 0272 | 628.7015 Inlet Protection Type C | 149.000 EACH | _____. | _____. |
| 0274 | 629.0210 Fertilizer Type B | 6.800 CWT | _____. | _____. |



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| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|---|--------------------------------|------------|------------|
| 0276 | 630.0140 Seeding Mixture No. 40 | 104.000 LB | _____. | _____. |
| 0278 | 630.0200 Seeding Temporary | 156.000 LB | _____. | _____. |
| 0280 | 630.0500 Seed Water | 85.000 MGAL | _____. | _____. |
| 0282 | 631.0300 Sod Water | 81.000 MGAL | _____. | _____. |
| 0284 | 631.1000 Sod Lawn | 5,075.000 SY | _____. | _____. |
| 0286 | 637.1220 Signs Type I Reflective SH | 410.000 SF | _____. | _____. |
| 0288 | 637.2210 Signs Type II Reflective H | 810.050 SF | _____. | _____. |
| 0290 | 637.2215 Signs Type II Reflective H Folding | 88.060 SF | _____. | _____. |
| 0292 | 637.2230 Signs Type II Reflective F | 55.250 SF | _____. | _____. |
| 0294 | 638.2102 Moving Signs Type II | 20.000 EACH | _____. | _____. |
| 0296 | 638.2601 Removing Signs Type I | 2.000 EACH | _____. | _____. |
| 0298 | 638.2602 Removing Signs Type II | 100.000 EACH | _____. | _____. |
| 0300 | 638.3000 Removing Small Sign Supports | 26.000 EACH | _____. | _____. |
| 0302 | 638.4000 Moving Small Sign Supports | 4.000 EACH | _____. | _____. |
| 0306 | 643.0300 Traffic Control Drums | 43,400.000 DAY | _____. | _____. |
| 0308 | 643.0410 Traffic Control Barricades Type II | 2,420.000 DAY | _____. | _____. |
| 0310 | 643.0420 Traffic Control Barricades Type III | 5,440.000 DAY | _____. | _____. |



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|----------------------|---|--------------------------------|------------|------------|
| 0312 | 643.0500 Traffic Control Flexible Tubular Marker Posts | 280.000 EACH | _____. | _____. |
| 0314 | 643.0600 Traffic Control Flexible Tubular Marker Bases | 280.000 EACH | _____. | _____. |
| 0316 | 643.0705 Traffic Control Warning Lights Type A | 8,300.000 DAY | _____. | _____. |
| 0318 | 643.0715 Traffic Control Warning Lights Type C | 3,230.000 DAY | _____. | _____. |
| 0320 | 643.0800 Traffic Control Arrow Boards | 550.000 DAY | _____. | _____. |
| 0322 | 643.0900 Traffic Control Signs | 22,050.000 DAY | _____. | _____. |
| 0324 | 643.1000 Traffic Control Signs Fixed Message | 34.500 SF | _____. | _____. |
| 0326 | 643.1050 Traffic Control Signs PCMS | 1,300.000 DAY | _____. | _____. |
| 0328 | 643.5000 Traffic Control | 1.000 EACH | _____. | _____. |
| 0330 | 644.1410 Temporary Pedestrian Surface Asphalt | 400.000 SF | _____. | _____. |
| 0332 | 644.1601 Temporary Pedestrian Curb Ramp | 1,195.000 DAY | _____. | _____. |
| 0334 | 644.1810 Temporary Pedestrian Barricade | 800.000 LF | _____. | _____. |
| 0336 | 646.1020 Marking Line Epoxy 4-Inch | 6,625.000 LF | _____. | _____. |
| 0338 | 646.3020 Marking Line Epoxy 8-Inch | 3,080.000 LF | _____. | _____. |
| 0340 | 646.5020 Marking Arrow Epoxy | 42.000 EACH | _____. | _____. |
| 0342 | 646.5120 Marking Word Epoxy | 12.000 EACH | _____. | _____. |



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|----------------------|--|--------------------------------|------------|------------|
| 0344 | 646.5220 Marking Symbol Epoxy | 13.000 EACH | _____. | _____. |
| 0346 | 646.5320 Marking Railroad Crossings Epoxy | 4.000 EACH | _____. | _____. |
| 0348 | 646.6120 Marking Stop Line Epoxy 18-Inch | 550.000 LF | _____. | _____. |
| 0350 | 646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch | 330.000 LF | _____. | _____. |
| 0352 | 646.7520 Marking Crosswalk Epoxy Block Style 24-Inch | 1,765.000 LF | _____. | _____. |
| 0354 | 646.8120 Marking Curb Epoxy | 240.000 LF | _____. | _____. |
| 0356 | 646.8220 Marking Island Nose Epoxy | 13.000 EACH | _____. | _____. |
| 0358 | 646.9000 Marking Removal Line 4-Inch | 3,065.000 LF | _____. | _____. |
| 0360 | 646.9100 Marking Removal Line 8-Inch | 790.000 LF | _____. | _____. |
| 0362 | 646.9300 Marking Removal Special Marking | 6.000 EACH | _____. | _____. |
| 0364 | 649.0105 Temporary Marking Line Paint 4-Inch | 23,855.000 LF | _____. | _____. |
| 0366 | 649.0120 Temporary Marking Line Epoxy 4-Inch | 5,950.000 LF | _____. | _____. |
| 0368 | 649.0150 Temporary Marking Line Removable Tape 4-Inch | 7,675.000 LF | _____. | _____. |
| 0370 | 649.0205 Temporary Marking Line Paint 8-Inch | 2,660.000 LF | _____. | _____. |
| 0372 | 649.0220 Temporary Marking Line Epoxy 8-Inch | 3,610.000 LF | _____. | _____. |
| 0374 | 649.0250 Temporary Marking Line Removable Tape 8-Inch | 1,060.000 LF | _____. | _____. |



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|----------------------|--|--------------------------------|------------|------------|
| 0376 | 649.0505 Temporary Marking Arrow Paint | 14.000 EACH | _____. | _____. |
| 0378 | 649.0520 Temporary Marking Arrow Epoxy | 52.000 EACH | _____. | _____. |
| 0380 | 649.0550 Temporary Marking Arrow Removable Tape | 10.000 EACH | _____. | _____. |
| 0382 | 649.0620 Temporary Marking Word Epoxy | 9.000 EACH | _____. | _____. |
| 0384 | 649.0805 Temporary Marking Stop Line Paint 18-Inch | 560.000 LF | _____. | _____. |
| 0386 | 649.0820 Temporary Marking Stop Line Epoxy 18-Inch | 1,620.000 LF | _____. | _____. |
| 0388 | 649.0850 Temporary Marking Stop Line Removable Tape 18-Inch | 70.000 LF | _____. | _____. |
| 0390 | 652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch | 8,575.000 LF | _____. | _____. |
| 0392 | 652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch | 6,050.000 LF | _____. | _____. |
| 0394 | 652.0325 Conduit Rigid Nonmetallic Schedule 80 2-Inch | 3,140.000 LF | _____. | _____. |
| 0396 | 652.0335 Conduit Rigid Nonmetallic Schedule 80 3-Inch | 2,850.000 LF | _____. | _____. |
| 0398 | 652.0900 Loop Detector Slots | 70.000 LF | _____. | _____. |
| 0400 | 653.0900 Adjusting Pull Boxes | 1.000 EACH | _____. | _____. |
| 0402 | 653.0905 Removing Pull Boxes | 24.000 EACH | _____. | _____. |
| 0404 | 654.0110 Concrete Bases Type 10 | 5.000 EACH | _____. | _____. |



Proposal Schedule of Items

Proposal ID: 20220308009 Project(s): 5992-11-31, 5992-11-32, 5992-11-33

Federal ID(s): WISC 2022233, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|---|--------------------------------|------------|------------|
| 0406 | 655.0230 Cable Traffic Signal 5-14 AWG | 1,975.000 LF | _____. | _____. |
| 0408 | 655.0240 Cable Traffic Signal 7-14 AWG | 4,615.000 LF | _____. | _____. |
| 0410 | 655.0250 Cable Traffic Signal 9-14 AWG | 2,029.000 LF | _____. | _____. |
| 0412 | 655.0260 Cable Traffic Signal 12-14 AWG | 1,910.000 LF | _____. | _____. |
| 0414 | 655.0615 Electrical Wire Lighting 10 AWG | 14,608.000 LF | _____. | _____. |
| 0416 | 655.0620 Electrical Wire Lighting 8 AWG | 24,420.000 LF | _____. | _____. |
| 0418 | 655.0630 Electrical Wire Lighting 4 AWG | 8,140.000 LF | _____. | _____. |
| 0420 | 655.0800 Loop Detector Wire | 9,292.000 LF | _____. | _____. |
| 0422 | 656.0200 Electrical Service Meter Breaker Pedestal (location) 001. Ridge & University | LS | LUMP SUM | _____. |
| 0424 | 656.0200 Electrical Service Meter Breaker Pedestal (location) 002. University Bay & University | LS | LUMP SUM | _____. |
| 0426 | 656.0200 Electrical Service Meter Breaker Pedestal (location) 003. University Bay & Marshall | LS | LUMP SUM | _____. |
| 0428 | 656.0200 Electrical Service Meter Breaker Pedestal (location) 004. Ridge & University | LS | LUMP SUM | _____. |
| 0430 | 656.0200 Electrical Service Meter Breaker Pedestal (location) 005. University Bay & University | LS | LUMP SUM | _____. |
| 0432 | 657.0100 Pedestal Bases | 21.000 EACH | _____. | _____. |



Proposal Schedule of Items

Proposal ID: 20220308009 Project(s): 5992-11-31, 5992-11-32, 5992-11-33

Federal ID(s): WISC 2022233, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|---|--------------------------------|------------|------------|
| 0434 | 657.0255 Transformer Bases Breakaway 11 1/2-Inch Bolt Circle | 43.000 EACH | _____. | _____. |
| 0436 | 657.0346 Poles Type 9-Over Height | 1.000 EACH | _____. | _____. |
| 0438 | 657.0420 Traffic Signal Standards Aluminum 13-FT | 16.000 EACH | _____. | _____. |
| 0440 | 657.0425 Traffic Signal Standards Aluminum 15-FT | 2.000 EACH | _____. | _____. |
| 0442 | 657.0430 Traffic Signal Standards Aluminum 10-FT | 5.000 EACH | _____. | _____. |
| 0444 | 657.0515 Monotube Arms 15-FT | 2.000 EACH | _____. | _____. |
| 0446 | 658.0500 Pedestrian Push Buttons | 29.000 EACH | _____. | _____. |
| 0448 | 658.5069 Signal Mounting Hardware (location) 001. Hill | LS | LUMP SUM | _____. |
| 0450 | 658.5069 Signal Mounting Hardware (location) 002. Ridge | LS | LUMP SUM | _____. |
| 0452 | 658.5069 Signal Mounting Hardware (location) 003. Farley | LS | LUMP SUM | _____. |
| 0454 | 658.5069 Signal Mounting Hardware (location) 004. Marshall | LS | LUMP SUM | _____. |
| 0456 | 690.0150 Sawing Asphalt | 9,615.000 LF | _____. | _____. |
| 0458 | 690.0250 Sawing Concrete | 6,720.000 LF | _____. | _____. |
| 0460 | 715.0502 Incentive Strength Concrete Structures | 500.000 DOL | 1.00000 | 500.00 |
| 0462 | 715.0720 Incentive Compressive Strength Concrete Pavement | 500.000 DOL | 1.00000 | 500.00 |



Proposal Schedule of Items

Proposal ID: 20220308009 Project(s): 5992-11-31, 5992-11-32, 5992-11-33

Federal ID(s): WISC 2022233, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|---|--------------------------------|------------|------------|
| 0464 | 740.0440 Incentive IRI Ride | 7,600.000 DOL | 1.00000 | 7,600.00 |
| 0466 | 801.0117 Railroad Flagging Reimbursement | 110,000.000 DOL | 1.00000 | 110,000.00 |
| 0468 | 999.1001.S Seismograph | 1.000 EACH | _____ | _____ |
| 0470 | 999.1501.S Crack and Damage Survey | 1.000 EACH | _____ | _____ |
| 0472 | ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR | 2,100.000 HRS | 5.00000 | 10,500.00 |
| 0474 | ASP.1T0G On-the-Job Training Graduate at \$5.00/HR | 6,480.000 HRS | 5.00000 | 32,400.00 |
| 0476 | SPV.0035 Special 001. Abandon Sanitary Sewer-Slurry | 22.860 CY | _____ | _____ |
| 0478 | SPV.0035 Special 002. Rock Excavation For Sanitary Sewer | 50.000 CY | _____ | _____ |
| 0480 | SPV.0035 Special 003. Rock Excavation For Water Main | 30.000 CY | _____ | _____ |
| 0482 | SPV.0060 Special 001. Settlement Monitoring | 2.000 EACH | _____ | _____ |
| 0484 | SPV.0060 Special 002. Locate and Reference Property Corners | 27.000 EACH | _____ | _____ |
| 0486 | SPV.0060 Special 003. Reset Property Corners | 27.000 EACH | _____ | _____ |
| 0488 | SPV.0060 Special 004. Precast Sign Post Base | 46.000 EACH | _____ | _____ |
| 0490 | SPV.0060 Special 005. Sign Post Base For Concrete Installation | 7.000 EACH | _____ | _____ |
| 0492 | SPV.0060 Special 006. Project Dewatering | 1.000 EACH | _____ | _____ |



Proposal Schedule of Items

Proposal ID: 20220308009 Project(s): 5992-11-31, 5992-11-32, 5992-11-33

Federal ID(s): WISC 2022233, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|--|--------------------------------|------------|------------|
| 0494 | SPV.0060 Special 007. Wastewater Control | 1.000 EACH | _____. | _____. |
| 0500 | SPV.0060 Special 010. Inlet Cover Type H Special | 82.000 EACH | _____. | _____. |
| 0502 | SPV.0060 Special 011. Inlet Cover Type H-S Special | 12.000 EACH | _____. | _____. |
| 0504 | SPV.0060 Special 012. Manhole Cover Type J Special | 24.000 EACH | _____. | _____. |
| 0506 | SPV.0060 Special 013. Temporary Inlet Cover | 55.000 EACH | _____. | _____. |
| 0508 | SPV.0060 Special 014. Storm Sewer Pipe 96-Inch Bend | 9.000 EACH | _____. | _____. |
| 0510 | SPV.0060 Special 015. Wastewater Control MMSD | 1.000 EACH | _____. | _____. |
| 0512 | SPV.0060 Special 016. Inlet 2x3-Ft Special | 9.000 EACH | _____. | _____. |
| 0514 | SPV.0060 Special 017. Manhole Special | 1.000 EACH | _____. | _____. |
| 0516 | SPV.0060 Special 018. Storm Sewer Tap | 27.000 EACH | _____. | _____. |
| 0518 | SPV.0060 Special 019. MMSD Sanitary Sewer Bypassing | 1.000 EACH | _____. | _____. |
| 0520 | SPV.0060 Special 020. Close Storm Sewer Connection | 8.000 EACH | _____. | _____. |
| 0522 | SPV.0060 Special 021. Construction Staking Project 5992-11-31 | 1.000 EACH | _____. | _____. |
| 0524 | SPV.0060 Special 022. Construction Staking Project 5992-11-33 | 1.000 EACH | _____. | _____. |
| 0526 | SPV.0060 Special 023. Implement Tree Protection Plan | 1.000 EACH | _____. | _____. |



Proposal Schedule of Items

Proposal ID: 20220308009 Project(s): 5992-11-31, 5992-11-32, 5992-11-33

Federal ID(s): WISC 2022233, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|--|--------------------------------|------------|------------|
| 0528 | SPV.0060 Special 024. Furnish and Install Fluorocarbon Gaskets, 6-Inch | 5.000 EACH | _____. | _____. |
| 0530 | SPV.0060 Special 025. Furnish and Install Fluorocarbon Gaskets, 8-Inch | 5.000 EACH | _____. | _____. |
| 0532 | SPV.0060 Special 026. Furnish and Install Fluorocarbon Gaskets, 12-Inch | 12.000 EACH | _____. | _____. |
| 0534 | SPV.0060 Special 027. Furnish and Install Fluorocarbon Gaskets, 16-Inch | 36.000 EACH | _____. | _____. |
| 0536 | SPV.0060 Special 028. MMSD Sanitary Sewer Manhole (6-Foot Diameter) | 3.000 EACH | _____. | _____. |
| 0538 | SPV.0060 Special 029. MMSD Sanitary Sewer Manhole (7-Foot Diameter) | 1.000 EACH | _____. | _____. |
| 0540 | SPV.0060 Special 030. Utility Line Opening (ULO) | 42.000 EACH | _____. | _____. |
| 0542 | SPV.0060 Special 031. Sewer Electronic Markers | 41.000 EACH | _____. | _____. |
| 0544 | SPV.0060 Special 032. Sanitary Lateral Reconnect | 21.000 EACH | _____. | _____. |
| 0546 | SPV.0060 Special 033. Sanitary Sewer Tap | 13.000 EACH | _____. | _____. |
| 0548 | SPV.0060 Special 034. Sanitary Sewer Access Structure (4-Foot Diameter) | 9.000 EACH | _____. | _____. |
| 0550 | SPV.0060 Special 035. Sanitary Sewer Access Structure (5-Foot Diameter) | 8.000 EACH | _____. | _____. |
| 0552 | SPV.0060 Special 036. Sanitary Sewer Internal Chimney Seal | 3.000 EACH | _____. | _____. |
| 0554 | SPV.0060 Special 037. Remove Sanitary Sewer Access Structure | 3.000 EACH | _____. | _____. |



Proposal Schedule of Items

Proposal ID: 20220308009 Project(s): 5992-11-31, 5992-11-32, 5992-11-33

Federal ID(s): WISC 2022233, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|---|--------------------------------|------------|------------|
| 0556 | SPV.0060 Special 039. Abandon Sanitary Sewer Access Structure | 9.000 EACH | _____. | _____. |
| 0558 | SPV.0060 Special 040. Abandon Sanitary Sewer-Pipe Plug | 14.000 EACH | _____. | _____. |
| 0560 | SPV.0060 Special 041. Furnish & Install 6-Inch Water Valve, 6-Inch | 15.000 EACH | _____. | _____. |
| 0562 | SPV.0060 Special 042. Furnish & Install 8-Inch Water Valve, 8-Inch | 9.000 EACH | _____. | _____. |
| 0564 | SPV.0060 Special 043. Furnish & Install 12-Inch Water Valve, 12-Inch | 4.000 EACH | _____. | _____. |
| 0566 | SPV.0060 Special 044. Furnish & Install 16-Inch Water Valve, 16-Inch | 17.000 EACH | _____. | _____. |
| 0568 | SPV.0060 Special 045. Furnish And Install Hydrant / Salvage Existing Hydrant | 6.000 EACH | _____. | _____. |
| 0570 | SPV.0060 Special 045. Furnish And Install Hydrant/Salvage Existing Hydrant | 1.000 EACH | _____. | _____. |
| 0572 | SPV.0060 Special 046. Reconnect Water Service Lateral, 1-Inch | 17.000 EACH | _____. | _____. |
| 0574 | SPV.0060 Special 048. Reconnect Water Service Lateral, 2-Inch | 2.000 EACH | _____. | _____. |
| 0576 | SPV.0060 Special 049. Cut-In Or Connect-To Existing Water System | 26.000 EACH | _____. | _____. |
| 0578 | SPV.0060 Special 051. Abandon Water Valve Box | 16.000 EACH | _____. | _____. |
| 0580 | SPV.0060 Special 052. Abandon Water Valve Access Structure | 2.000 EACH | _____. | _____. |



Proposal Schedule of Items

Proposal ID: 20220308009 Project(s): 5992-11-31, 5992-11-32, 5992-11-33

Federal ID(s): WISC 2022233, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|---|--------------------------------|------------|------------|
| 0582 | SPV.0060 Special 053. Furnish and Install Insulation | 11.000 EACH | _____. | _____. |
| 0584 | SPV.0060 Special 054. Adjust Water Valve Box Sections | 4.000 EACH | _____. | _____. |
| 0586 | SPV.0060 Special 055. Furnish And Install Anode | 1.000 EACH | _____. | _____. |
| 0588 | SPV.0060 Special 056. Clay Trench Plug | 7.000 EACH | _____. | _____. |
| 0590 | SPV.0060 Special 057. Interceptor Sewer Manhole, (6-Foot Diameter) | 5.000 EACH | _____. | _____. |
| 0592 | SPV.0060 Special 058. Interceptor Manhole Lining System | 5.000 EACH | _____. | _____. |
| 0594 | SPV.0060 Special 059. Adjust MMSD Special | 2.000 EACH | _____. | _____. |
| 0596 | SPV.0060 Special 060. MMSD Manhole 02-048 Flat Top Replacement | 1.000 EACH | _____. | _____. |
| 0598 | SPV.0060 Special 061. Rock Excavation for Concrete Bases | 6.000 EACH | _____. | _____. |
| 0600 | SPV.0060 Special 062. Electrical Pull Box Type I | 34.000 EACH | _____. | _____. |
| 0602 | SPV.0060 Special 063. Electrical Pull Box Type III | 5.000 EACH | _____. | _____. |
| 0604 | SPV.0060 Special 064. Electrical Pull Box Type V | 19.000 EACH | _____. | _____. |
| 0606 | SPV.0060 Special 065. Electrical Pull Box Type VII | 12.000 EACH | _____. | _____. |
| 0608 | SPV.0060 Special 066. Concrete Bases Type G | 16.000 EACH | _____. | _____. |
| 0610 | SPV.0060 Special 067. Concrete Bases Type LB-3 | 39.000 EACH | _____. | _____. |



Proposal Schedule of Items

Proposal ID: 20220308009 Project(s): 5992-11-31, 5992-11-32, 5992-11-33

Federal ID(s): WISC 2022233, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|---|--------------------------------|------------|------------|
| 0612 | SPV.0060 Special 068. Concrete Bases Type LB-8 | 15.000 EACH | _____. | _____. |
| 0614 | SPV.0060 Special 069. Concrete Bases Type P | 5.000 EACH | _____. | _____. |
| 0616 | SPV.0060 Special 070. Concrete Bases Type G Spread Footing | 1.000 EACH | _____. | _____. |
| 0618 | SPV.0060 Special 071. Transformer Base 16-Inch Steel | 13.000 EACH | _____. | _____. |
| 0620 | SPV.0060 Special 072. Pole 20-Ft 7 Gauge | 6.000 EACH | _____. | _____. |
| 0622 | SPV.0060 Special 073. Pole 30-Foot, 7 Gauge Single Mount | 2.000 EACH | _____. | _____. |
| 0624 | SPV.0060 Special 074. Pole 30-Foot, 7 Gauge Twin Mount | 3.000 EACH | _____. | _____. |
| 0626 | SPV.0060 Special 075. Pole 30-Foot, 11 Gauge Single Mount | 37.000 EACH | _____. | _____. |
| 0628 | SPV.0060 Special 076. Pole 30-Foot, 11 Gauge Twin Mount | 9.000 EACH | _____. | _____. |
| 0630 | SPV.0060 Special 077. Monotube Pole, Type 9 | 4.000 EACH | _____. | _____. |
| 0632 | SPV.0060 Special 079. LED Luminaire and Mounting Bracket Type V | 5.000 EACH | _____. | _____. |
| 0634 | SPV.0060 Special 080. Monotube Arm, 25-Foot | 2.000 EACH | _____. | _____. |
| 0636 | SPV.0060 Special 081. Monotube Arm, 30-Foot | 2.000 EACH | _____. | _____. |
| 0638 | SPV.0060 Special 082. LED Luminaire And Mounting Bracket Type I | 17.000 EACH | _____. | _____. |



Proposal Schedule of Items

Proposal ID: 20220308009 Project(s): 5992-11-31, 5992-11-32, 5992-11-33

Federal ID(s): WISC 2022233, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|---|--------------------------------|------------|------------|
| 0640 | SPV.0060 Special 083. LED Luminaire And Mounting Bracket Type II | 24.000 EACH | _____. | _____. |
| 0642 | SPV.0060 Special 084. LED Luminaire And Mounting Bracket Type III | 8.000 EACH | _____. | _____. |
| 0644 | SPV.0060 Special 085. LED Luminaire And Mounting Bracket Type IV | 11.000 EACH | _____. | _____. |
| 0646 | SPV.0060 Special 086. Traffic Signal Trombone Arm Aluminum 12-Foot | 1.000 EACH | _____. | _____. |
| 0648 | SPV.0060 Special 087. Traffic Signal Trombone Arm Aluminum 15-Foot | 3.000 EACH | _____. | _____. |
| 0650 | SPV.0060 Special 088. Traffic Signal Trombone Arm Aluminum 18-Foot | 2.000 EACH | _____. | _____. |
| 0652 | SPV.0060 Special 089. Traffic Signal Trombone Arm Aluminum 20-Foot | 3.000 EACH | _____. | _____. |
| 0654 | SPV.0060 Special 090. Traffic Signal Trombone Arm Aluminum 22-Foot | 2.000 EACH | _____. | _____. |
| 0656 | SPV.0060 Special 091. Traffic Signal Heads 12-Inch, 3-Section Vertical | 71.000 EACH | _____. | _____. |
| 0658 | SPV.0060 Special 092. Traffic Signal Heads 12-Inch, 4-Section Vertical | 7.000 EACH | _____. | _____. |
| 0660 | SPV.0060 Special 093. Traffic Signal Heads 12-Inch, 5-Section Vertical | 2.000 EACH | _____. | _____. |
| 0662 | SPV.0060 Special 094. Traffic Signal Heads 16-Inch Pedestrian with Countdown | 39.000 EACH | _____. | _____. |
| 0664 | SPV.0060 Special 095. Backplates Signal Face, 3-Section 12-Inch | 71.000 EACH | _____. | _____. |



Proposal Schedule of Items

Proposal ID: 20220308009 Project(s): 5992-11-31, 5992-11-32, 5992-11-33

Federal ID(s): WISC 2022233, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|--|--------------------------------|------------|------------|
| 0666 | SPV.0060 Special 096. Backplates Signal Face, 4-Section 12-Inch | 7.000 EACH | _____. | _____. |
| 0668 | SPV.0060 Special 097. Backplates Signal Face, 5-Section 12-Inch | 2.000 EACH | _____. | _____. |
| 0670 | SPV.0060 Special 098. NEMA TS2 Type 1 Traffic Signal Control Cabinet | 4.000 EACH | _____. | _____. |
| 0672 | SPV.0060 Special 099. Traffic Signal Controller | 4.000 EACH | _____. | _____. |
| 0674 | SPV.0060 Special 100. Optical Signal Preempt | 4.000 EACH | _____. | _____. |
| 0676 | SPV.0060 Special 101. Traffic Signal Ethernet Switch | 4.000 EACH | _____. | _____. |
| 0678 | SPV.0060 Special 102. Malfunction Management Unit (MMU) | 4.000 EACH | _____. | _____. |
| 0680 | SPV.0060 Special 103. Lighting Control Cabinet | 2.000 EACH | _____. | _____. |
| 0682 | SPV.0060 Special 104. Vehicular Detection System Programming Unit | 4.000 EACH | _____. | _____. |
| 0684 | SPV.0060 Special 105. No Right Turn Blank Out Signal | 4.000 EACH | _____. | _____. |
| 0686 | SPV.0060 Special 106. Temporary Traffic Signals (Hill) | 1.000 EACH | _____. | _____. |
| 0688 | SPV.0060 Special 107. Temporary Traffic Signals (Ridge) | 1.000 EACH | _____. | _____. |
| 0690 | SPV.0060 Special 108. Temporary Traffic Signals (Farley) | 1.000 EACH | _____. | _____. |
| 0692 | SPV.0060 Special 109. Temporary Street Lighting System Maintenance and Operations | 1.000 EACH | _____. | _____. |



Proposal Schedule of Items

Proposal ID: 20220308009 Project(s): 5992-11-31, 5992-11-32, 5992-11-33

Federal ID(s): WISC 2022233, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|--|--------------------------------|------------|------------|
| 0694 | SPV.0060 Special 110. Temporary Wood Poles | 37.000 EACH | _____. | _____. |
| 0696 | SPV.0060 Special 111. Temporary Lighting Arms | 18.000 EACH | _____. | _____. |
| 0698 | SPV.0060 Special 112. Temporary Luminaires Utility | 18.000 EACH | _____. | _____. |
| 0700 | SPV.0060 Special 113. Reconstruct Bench And Flowlines | 5.000 EACH | _____. | _____. |
| 0702 | SPV.0060 Special 115. Salvage Hydrant | 4.000 EACH | _____. | _____. |
| 0704 | SPV.0090 Special 001. Concrete Curb And Gutter 24-Inch Type D Special | 14,010.000 LF | _____. | _____. |
| 0706 | SPV.0090 Special 002. Concrete Curb 24-Inch Type D Special | 205.000 LF | _____. | _____. |
| 0708 | SPV.0090 Special 003. Pedestrian Railing | 550.000 LF | _____. | _____. |
| 0710 | SPV.0090 Special 004. Sign Post | 276.000 LF | _____. | _____. |
| 0712 | SPV.0090 Special 005. Reflective Sign Post | 238.000 LF | _____. | _____. |
| 0714 | SPV.0090 Special 006. Loop Detector Lead-In Cable Special | 8,886.000 LF | _____. | _____. |
| 0716 | SPV.0090 Special 007. Concrete Curb and Gutter 24-Inch Type A Special | 240.000 LF | _____. | _____. |
| 0718 | SPV.0090 Special 008. Temporary Asphaltic Curb | 6,800.000 LF | _____. | _____. |
| 0720 | SPV.0090 Special 011. Storm Sewer Pipe Reinforced Concrete Class IV 96-Inch | 92.000 LF | _____. | _____. |



Proposal Schedule of Items

Proposal ID: 20220308009 Project(s): 5992-11-31, 5992-11-32, 5992-11-33

Federal ID(s): WISC 2022233, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|---|--------------------------------|------------|------------|
| 0722 | SPV.0090 Special 012. Storm Sewer Pipe Reinforced Concrete Class IV 96-Inch Rock Cut | 900.000 LF | _____. | _____. |
| 0724 | SPV.0090 Special 019. Remove Pipe Sanitary | 144.000 LF | _____. | _____. |
| 0726 | SPV.0090 Special 020. Sanitary Sewer Lateral | 423.000 LF | _____. | _____. |
| 0728 | SPV.0090 Special 021. Sanitary Sewer Pipe PVC, 8-Inch | 563.000 LF | _____. | _____. |
| 0730 | SPV.0090 Special 022. Sanitary Sewer Pipe PVC, 10-Inch | 1,079.000 LF | _____. | _____. |
| 0732 | SPV.0090 Special 023. Sanitary Sewer Pipe PVC, 12-Inch | 460.000 LF | _____. | _____. |
| 0734 | SPV.0090 Special 024. Select Fill for Sanitary Sewer | 2,755.000 LF | _____. | _____. |
| 0736 | SPV.0090 Special 025. Furnish And Install Watermain Pipe & Fittings, 6-Inch | 272.000 LF | _____. | _____. |
| 0738 | SPV.0090 Special 026. Furnish And Install Watermain Pipe & Fittings, 8-Inch | 340.000 LF | _____. | _____. |
| 0740 | SPV.0090 Special 027. Furnish And Install Watermain Pipe & Fittings, 12-Inch | 216.000 LF | _____. | _____. |
| 0742 | SPV.0090 Special 028. Furnish And Install Watermain Pipe & Fittings, 16-Inch | 2,268.000 LF | _____. | _____. |
| 0744 | SPV.0090 Special 029. Furnish And Install Watermain Pipe & Fittings, 10-Inch | 160.000 LF | _____. | _____. |
| 0746 | SPV.0090 Special 030. Select Fill For Water Main | 3,256.000 LF | _____. | _____. |
| 0748 | SPV.0090 Special 031. Interceptor Sewer, 30-Inch | 1,363.000 LF | _____. | _____. |



Proposal Schedule of Items

Proposal ID: 20220308009 Project(s): 5992-11-31, 5992-11-32, 5992-11-33

Federal ID(s): WISC 2022233, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|---|--------------------------------|------------|------------|
| 0750 | SPV.0090 Special 032. Trenchless Casing Pipe, 48-Inch Steel Minimum | 45.000 LF | _____. | _____. |
| 0752 | SPV.0090 Special 033. Fiber Optic Cable 12-Count | 3,867.000 LF | _____. | _____. |
| 0754 | SPV.0090 Special 034. Fiber Optic Cable 288-Count | 2,923.000 LF | _____. | _____. |
| 0756 | SPV.0090 Special 035. Electrical Wire Lighting, 14-3 Grounded | 2,079.000 LF | _____. | _____. |
| 0758 | SPV.0090 Special 036. Temporary Overhead Span Wire | 3,769.000 LF | _____. | _____. |
| 0760 | SPV.0090 Special 037. MMSD Sanitary Sewer, 36-Inch | 167.600 LF | _____. | _____. |
| 0762 | SPV.0090 Special 041. Railing Steel Pedestrian Ornamental | 311.000 LF | _____. | _____. |
| 0764 | SPV.0165 Special 001. Wall Concrete Panel Mechanically Stabilized Earth R-13-360 | 3,810.000 SF | _____. | _____. |
| 0766 | SPV.0165 Special 002. Wall Concrete Panel Mechanically Stabilized Earth R-13-361 | 3,610.000 SF | _____. | _____. |
| 0768 | SPV.0165 Special 003. Wall Modular Block Gravity Landscape | 435.000 SF | _____. | _____. |
| 0770 | SPV.0165 Special 004. High Friction Colored Surface - Bike Box Green | 710.000 SF | _____. | _____. |
| 0772 | SPV.0170 Special 001. Pavement Cleanup Project 5992-11-31 | 82.000 STA | _____. | _____. |
| 0774 | SPV.0195 Special 001. Stabilization Clear Stone, 3-Inch | 100.000 TON | _____. | _____. |



Proposal Schedule of Items

Proposal ID: 20220308009 Project(s): 5992-11-31, 5992-11-32, 5992-11-33

Federal ID(s): WISC 2022233, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|--|--------------------------------|------------|------------|
| 0776 | SPV.0195 Special 002. Granular Backfill, Interceptor Sewer | 4,000.000 TON | _____. | _____. |
| 0778 | SPV.0195 Special 003. Excavation, Hauling, and Disposal of Petroleum Contaminated Soil | 4,250.000 TON | _____. | _____. |
| 0780 | SPV.0195 Special 004. Excavating, Loading, Hauling, and Landfill Disposal of Cinder-Contaminated Soil | 2,125.000 TON | _____. | _____. |
| 0784 | 204.0120 Removing Asphaltic Surface Milling | 8,660.000 SY | _____. | _____. |
| 0786 | 504.2000.S Precast Concrete Box Culvert (ft X ft) 003. 15FT X 6 FT | 50.000 LF | _____. | _____. |
| 0788 | 628.7560 Tracking Pads | 8.000 EACH | _____. | _____. |
| 0790 | 642.5401 Field Office Type D | 1.000 EACH | _____. | _____. |
| 0792 | 644.1420 Temporary Pedestrian Surface Plywood | 1,365.000 SF | _____. | _____. |
| 0794 | SPV.0045 Special 001. Temporary Crosswalk Access Shorewood Blvd/Hill Street | 247.000 DAY | _____. | _____. |
| 0796 | SPV.0045 Special 002. Temporary Crosswalk Access Marshall Ct/Ridge St | 247.000 DAY | _____. | _____. |
| 0798 | SPV.0045 Special 003. Temporary Crosswalk Access University Bay Drive/Farley Ave | 247.000 DAY | _____. | _____. |
| 0800 | SPV.0060 Special 008. Construction Staking Project 5992-11-32 | 1.000 EACH | _____. | _____. |
| 0802 | SPV.0060 Special 038. External Sewer Access Structure Joint Seal | 2.000 EACH | _____. | _____. |
| 0804 | SPV.0060 Special 047. Private Storm Sewer Connection | 8.000 EACH | _____. | _____. |



Proposal Schedule of Items

Proposal ID: 20220308009 Project(s): 5992-11-31, 5992-11-32, 5992-11-33

Federal ID(s): WISC 2022233, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|---|--------------------------------|-------------------|------------|
| 0806 | SPV.0090 Special 037. Sanitary Sewer Pressure Pipe (C900), 10-Inch | 13.000 LF | _____. | _____. |
| 0808 | SPV.0090 Special 038. Sanitary Sewer Pressure Pipe (C900), 12-Inch | 237.000 LF | _____. | _____. |
| 0810 | SPV.0200 Special 002. Construct Inside Drop 10-Inch | 2.300 VF | _____. | _____. |
| Section: 0001 | | | Total: | _____. |
| | | | Total Bid: | _____. |

