Wisconsin Department of Transportation

August 17, 2015

Division of Transportation Systems Development
Bureau of Project Development
4802 Sheboygan Avenue, Rm 601
P O Box 7916
Madison, WI 53707-7916

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

NOTICE TO ALL CONTRACTORS:

Proposal #01: 1060-33-81, WISC 2015 473
Zoo IC – Zoo Interchange Phase 2
Lincoln – Bluemound, 121st to 70th
USH 45
Milwaukee County

1060-34-82
Zoo IC – IH 894 NB Auxiliary Lane
Oklahoma Ave to National Ave
IH 894
Milwaukee County

1060-43-81, WISC 2015 474
East West Freeway
Underwood Cr Prkwy & 121st St Brdg
IH 94
Milwaukee County

Letting of September 29, 2015

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

Special Provisions

Revised Special Provisions	
Article No.	Description
40	Contract Award and Execution
43	Contractor Document Submittals

Added Special Provisions	
Article No.	Description
405	Expansion Device, B-40-869 & B-40-870
406	Steel Sign Bridges

Schedule of Items

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
205.0100	Excavation Common	CY	1070089	1066067	1076127
312.0115	Select Crushed Material	CY	254837	253455	256930
628.2004	Erosion Mat Class I Type B	SY	442901	441776	444336
628.2023	Erosion Mat Class II Type B	SY	68614	67610	67610
628.2027	Erosion Mat Class II Type C	SY	14853	9258	9258
629.0205	Fertilizer Type A	CWT	17.9	15.5	15.5
629.0210	Fertilizer Type B	CWT	242.6	242.2	244.2
630.0130	Seeding Mixture No. 30	LB	6202	4740	4790
630.0180	Seeding Mixture No. 80	LB	468	194	194
630.0200	Seeding Temporary	LB	5518	5457	5492
631.0300	Sod Water	MGAL	181.8	191.6	191.6
631.1000	Sod Lawn	SY	8087	8523	8523
SPV.0035.0100	EBS Excavation	CY	13277	13221	14736
SPV.0035.0101	EBS Backfill	CY	13277	13221	14736
SPV.0165.4785	Concrete Staining Previously Constructed Structure	SF	500000	536900	622565
SPV.0180.0200	Topsoil Special	SY	376080	372415	372415

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
630.0171	Seeding Mixture No. 70A	LB	0	439	439

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
203.0200.0024	Removing Old Structure 180HA+50	LUMP	1	0	0

Plan Sheets

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
112-113	Seeding mix in indicated areas is changing from mix 30 or 80 to mix 70A.
129-130	Seeding mix in indicated areas is changing from mix 30 or 80 to mix 70A.
134	Seeding mix in indicated areas is changing from mix 30 or 80 to mix 70A.
138-140	Seeding mix in indicated areas is changing from mix 30 or 80 to mix 70A.
143	Seeding mix in indicated areas is changing from mix 30 or 80 to mix 70A.
147-148	Seeding mix in indicated areas is changing from mix 30 or 80 to mix 70A.
159	Seeding mix in indicated areas is changing from mix 30 or 80 to mix 70A.
167	Seeding mix in indicated areas is changing from mix 30 or 80 to mix 70A.
170	Seeding mix in indicated areas is changing from mix 30 or 80 to mix 70A.
189-190	Seeding mix in indicated areas is changing from mix 30 or 80 to mix 70A.
193-194	Seeding mix in indicated areas is changing from mix 30 or 80 to mix 70A.
198-199	Seeding mix in indicated areas is changing from mix 30 or 80 to mix 70A.
208	Seeding mix in indicated areas is changing from mix 30 or 80 to mix 70A.
216-217	Seeding mix in indicated areas is changing from mix 30 or 80 to mix 70A.
219-220	Seeding mix in indicated areas is changing from mix 30 or 80 to mix 70A.
234	Seeding mix in indicated areas is changing from mix 30 or 80 to mix 70A.

272	Seeding mix in indicated areas is changing from mix 30 or 80 to mix 70A.
317	Confirms bid item for removal of precast concrete arch
329	Added another variation of detailing for dowel bars in concrete shoulders
385	Removed incorrect bid item callout for removal of precast concrete arch
388	Existing ground surface was updated resulting in grading limit and quantity revisions
393-394	Existing ground surface was updated resulting in grading limit and quantity revisions
400	Existing ground surface was updated resulting in grading limit and quantity revisions
654-655	Existing ground surface was updated resulting in grading limit and quantity revisions
659-661	Existing ground surface was updated resulting in grading limit and quantity revisions
665	Existing ground surface was updated resulting in grading limit and quantity revisions
685	Seeding mix in indicated areas is changing from mix 30 or 80 to mix 70A.
715-716	Seeding mix in indicated areas is changing from mix 30 or 80 to mix 70A.
718	Existing ground surface was updated resulting in grading limit and quantity revisions
720	Seeding mix in indicated areas is changing from mix 30 or 80 to mix 70A.
722	Seeding mix in indicated areas is changing from mix 30 or 80 to mix 70A.
725-727	Seeding mix in indicated areas is changing from mix 30 or 80 to mix 70A.
730	Seeding mix in indicated areas is changing from mix 30 or 80 to mix 70A.
731-732	Existing ground surface was updated resulting in grading limit and quantity revisions
1621	Removed incorrect bid item for removal of precast concrete arch
1661-1665	Existing ground surface was updated resulting in grading limit and quantity revisions. Other minor revisions also included.
1667	Existing ground surface was updated resulting in grading limit and quantity revisions. Other minor revisions also included.
1671-1672	Existing ground surface was updated resulting in grading limit and quantity revisions
1806-1808	Existing ground surface was updated resulting in grading limit and quantity revisions
1811	Existing ground surface was updated resulting in grading limit and quantity revisions
1812-1815	Seeding mix in indicated areas is changing from mix 30 or 80 to mix 70A. Existing ground surface was updated resulting in grading limit and quantity revisions.
2074	Existing ground surface was updated resulting in grading limit and quantity revisions
2082	Existing ground surface was updated resulting in grading limit and quantity revisions
2135-2137	Existing ground surface was updated resulting in grading limit and quantity revisions
2151	Existing ground surface was updated resulting in grading limit and quantity revisions
2154-2155	Existing ground surface was updated resulting in grading limit and quantity revisions
3934-3935	Staining of additional structures added to the contract.
4642-4643	Existing ground surface was updated resulting in grading limit and quantity revisions. Other minor revisions also included.
4648-4649	Existing ground surface was updated resulting in grading limit and quantity revisions. Other minor revisions also included.
4653-4654	Existing ground surface was updated resulting in grading limit and quantity revisions. Other minor revisions also included.
4661-4662	Existing ground surface was updated resulting in grading limit and quantity revisions. Other minor revisions also included.
4706-4707	Existing ground surface was updated resulting in grading limit and quantity revisions. Other minor revisions also included.
4710	Existing ground surface was updated resulting in grading limit and quantity revisions. Other minor revisions also included.
4728-4729	Existing ground surface was updated resulting in grading limit and quantity revisions. Other minor revisions also included.
4735-4737	Existing ground surface was updated resulting in grading limit and quantity revisions. Other minor revisions also included.
4741	Existing ground surface was updated resulting in grading limit and quantity revisions. Other minor revisions also included.
4751-4758	Existing ground surface was updated resulting in grading limit and quantity revisions. Other minor revisions also included.

4765-4767	Existing ground surface was updated resulting in grading limit and quantity revisions. Other minor revisions also included.
4786-4787	Existing ground surface was updated resulting in grading limit and quantity revisions. Other minor revisions also included.
4827-4829	Existing ground surface was updated resulting in grading limit and quantity revisions. Other minor revisions also included.
4840-4841	Existing ground surface was updated resulting in grading limit and quantity revisions. Other minor revisions also included.
5218-5224	Existing ground surface was updated resulting in grading limit and quantity revisions
5236-5244	Existing ground surface was updated resulting in grading limit and quantity revisions
5473-5480	Existing ground surface was updated resulting in grading limit and quantity revisions
5802-5813	Existing ground surface was updated resulting in grading limit and quantity revisions
5875-5884	Existing ground surface was updated resulting in grading limit and quantity revisions
5904-5916	Existing ground surface was updated resulting in grading limit and quantity revisions
5922-5931	Existing ground surface was updated resulting in grading limit and quantity revisions
6072-6075	Existing ground surface was updated resulting in grading limit and quantity revisions
6199-6202	Revised earthwork in area of precast concrete arch removal
6308-6319	Existing ground surface was updated resulting in grading limit and quantity revisions

Added Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
6680A-6680AC	Existing structures shown for info only. Staining of additional structures added to the contract.

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

1060-33-81

August 17, 2015

Special Provisions

40. Contract Award and Execution

Replace the seventh paragraph with the following:

The low bidder shall present authentic copies of their BED at the department's office, located at 2424 S. 102nd Street, West Allis, WI by October 2, 2015, at 10:00 AM.

43. Contractor Document Submittals

Replace the first paragraph with the following:

This special provision describes minimum requirements for submitting project documents to the department.

405. Expansion Device, B-40-869 & B-40-870.

A Description
This special provision describes furnishing and installing an expansion device in accordance to standard spec 502, as shown on the plans, and as hereinafter provided.

B Materials
The minimum thickness of the polychloroprene strip seal shall be ¼-inch for non-reinforced elastomeric glands and 1/8-inch for reinforced glands. Furnish the strip seal gland in lengths suitable for a continuous one-piece installation at each individual expansion joint location. Provide preformed polychloroprene strip seals that conform to the requirements ASTM D3542, and have the following physical properties:

Property Requirements	**Value**	**Test Method**
Tensile Strength, min.	2000 psi	ASTM D412
Elongation @ Break, min	250%	ASTM D412
Hardness, Type A, Durometer	60 ± 5 pts.	ASTM D2240
Compression Set, 70 hours @212˚F, max.	35%	D395 Method B Modified
Ozone Resistance, after 70 hrs. at 100˚F under 20% Strain with 100 pphm ozone	No Cracks	ASTM D1149 Method A
Mass Change in Oil 3 after 70 hr. 212˚F Mass Change, max.	45%	ASTM D471

Install the elastomeric strip seal gland with tools recommended by the manufacturer, and with a lubricant adhesive conforming to the requirements of ASTM D4070.

The manufacturer and model number shall be one of the following approved strip seal expansion device products:

Manufacturer	Model Number Strip Seal Gland Size* 4-Inch	5-Inch	6-Inch
D.S. Brown	SSA2-A2R-400	SSA2-A2R-XTRA	SSA2-A2R-XTRA
R.J. Watson	RJA-RJ400	RJA-RJ500	RJA-RJ600
Watson Bowman Acme	A-SE400	A-SE500	A-SE800
Commercial Fabricators	A-AS400	-----	-----

*Expansion device strip seal gland size requirement of 4", 5", and 6" shall be as shown on the plans.

Furnish manufacturer's certification for production of polychloroprene represented showing test results for the cured material supplied, and certifying that it meets all specified requirements.

The steel extrusion or retainer shall conform to ASTM designation A 709 grade 36 steel. After fabrication, steel shall be galvanized conforming to the requirements ASTM A123.

Manufacturer's certifications for adhesive and steel shall attest that the materials meet the specification requirements.
502-020 (20110615)

406. Steel Sign Bridges

Supplement standard spec 641.2.8 with the following:

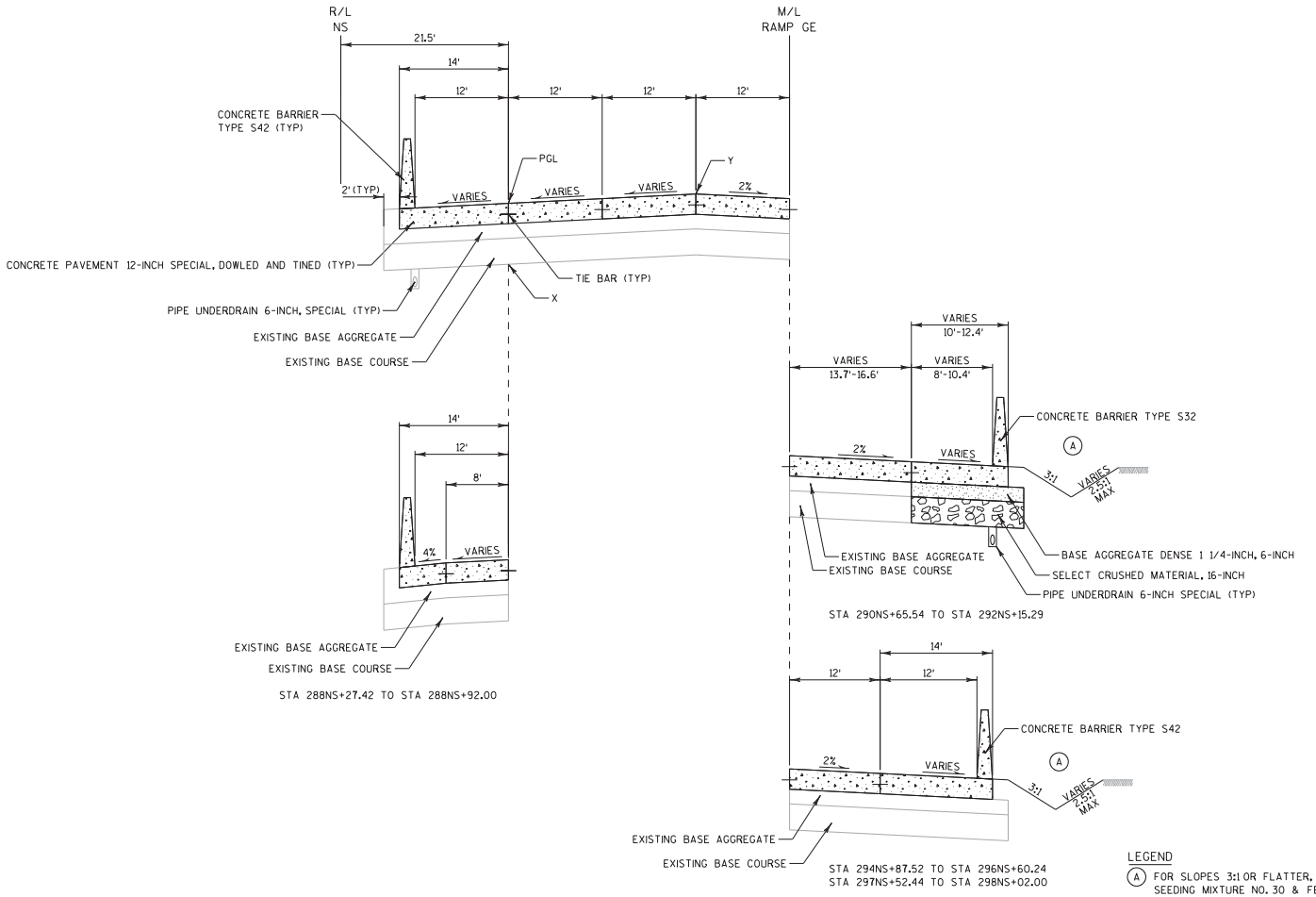
Submit shop drawings identified by structure number, design computations, and material specifications, to the engineer before fabrication of steel sign bridges. Provide tightening procedures for mast arm or luminaries arm to pole shaft connections on the shop drawings.

Schedule of Items
Attached, dated August 17, 2015, are the revised Schedule of Items Pages 1 – 142.

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

Revised: 112-113, 129-130, 134, 138-140, 143, 147-148, 159, 167, 170, 189-190, 193-194, 198-199, 208, 216-217, 219-220, 234, 272, 317, 329, 385, 388, 393-394, 400, 654-655, 659-661, 665, 685, 715-716, 718, 720, 722, 725-727, 730-732, 1621, 1661-1665, 1667, 1671-1672, 1806-1808, 1811-1815, 2074, 2082, 2135-2137, 2151, 2154-2155, 3934-3935, 4642-4643, 4648-4649, 4653-4654, 4661-4662, 4706-4707, 4710, 4728-4729, 4735-4737, 4741, 4751-4758, 4765-4767, 4786-4787, 4827-4829, 4840-4841, 5218-5224, 5236-5244, 5473-5480, 5802-5813, 5875-5884, 5904-5916, 5922-5931, 6072-6075, 6199-6202, 6308-6319.
Added: 6680A – 6680AC

END OF ADDENDUM



TYPICAL FINISHED SECTION

IH 894 WB / USH 45 NB

STA 288NS+27.42 TO STA 289NS+83.00
STA 290NS+65.54 TO STA 292NS+15.29
STA 294NS+87.52 TO STA 296NS+60.24
STA 297NS+52.44 TO STA 298NS+02.00

NOTES

PGL = POINT REFERRED TO ON PROFILE AND PIVOT POINT FOR SUPERELEVATION
X = POINT REFERRED TO ON CROSS SECTION
Y = CROWN POINT

LEGEND

(A) FOR SLOPES 3:1 OR FLATTER, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 30 & FERTILIZER TYPE B

FOR SLOPES STEEPER THAN 3:1, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 80 & FERTILIZER TYPE B

1 FOR ALL SLOPES, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 70A
STA 290NS+65.54 TO STA 292NS+15.29
STA 294NS+87.52 TO STA 296NS+60.24
STA 297NS+52.44 TO STA 298NS+02.00

(B) 6" TOPSOIL SPECIAL, SEEDING MIXTURE NATIVE SEED BUTTERFLY MIX & NURSE CROP

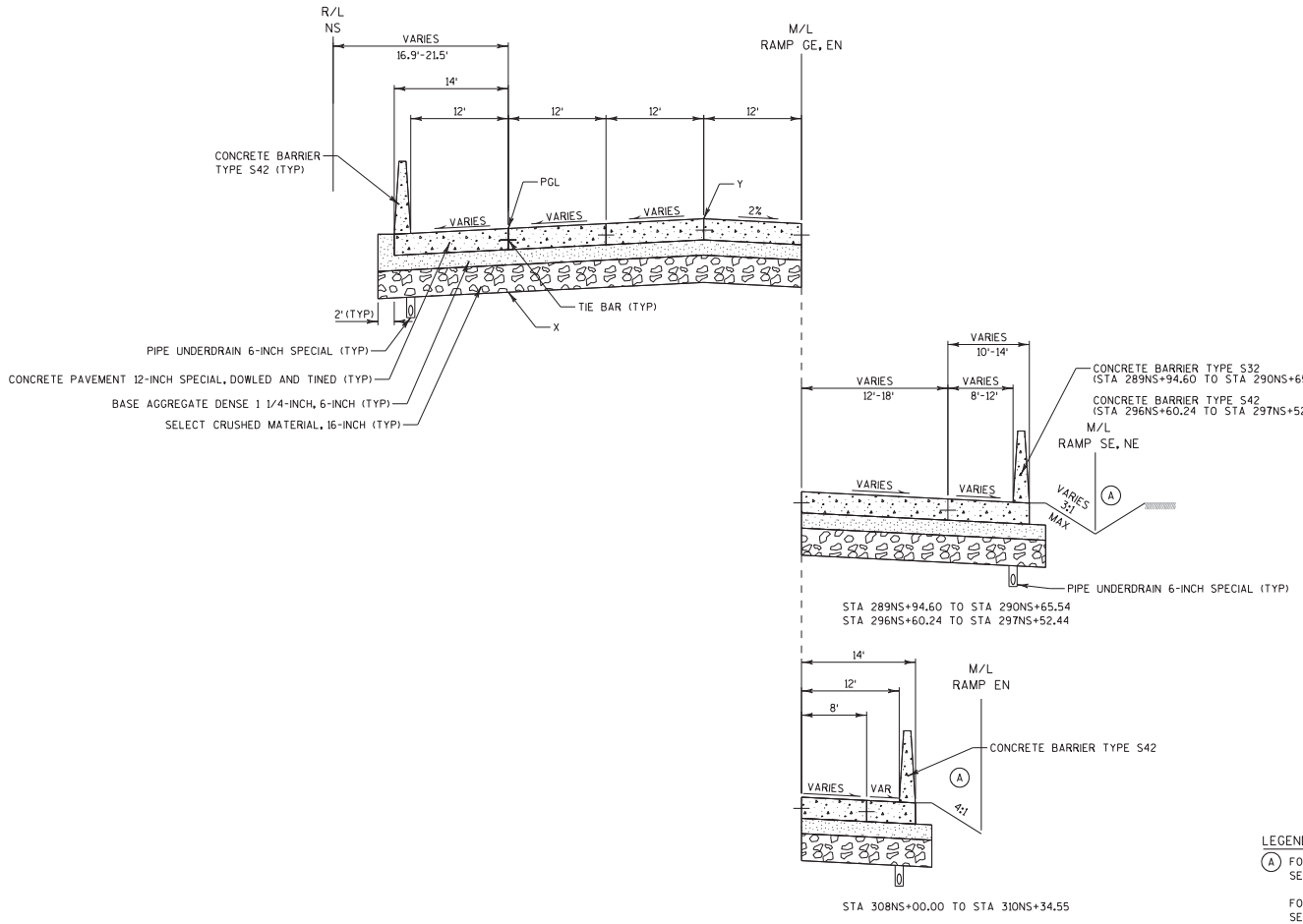
(C) 6" TOPSOIL SPECIAL, SOD LAWN & FERTILIZER TYPE B

NOTE

LOCATIONS OF EROSION MAT ARE SHOWN ON EROSION CONTROL PLANS

Addendum No. 01
ID 1060-33-81
Revised Sheet 112
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 112	E



TYPICAL FINISHED SECTION

IH 894 WB / USH 45 NB

STA 289NS+83.00 TO STA 290NS+65.54
STA 296NS+60.24 TO STA 297NS+52.44
STA 308NS+00.00 TO STA 314NS+33.80

NOTES

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

X = POINT REFERRED TO ON CROSS SECTION

Y = CROWN POINT

LEGEND

(A) FOR SLOPES 3:1 OR FLATTER, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 30 & FERTILIZER TYPE B

FOR SLOPES STEEPER THAN 3:1, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 80 & FERTILIZER TYPE B

(1) FOR ALL SLOPES, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 70A
STA 289NS+94.60 TO STA 290NS+65.54
STA 296NS+60.24 TO STA 297NS+52.44

(B) 6" TOPSOIL SPECIAL, SEEDING MIXTURE NATIVE SEED BUTTERFLY MIX & NURSE CROP

(C) 6" TOPSOIL SPECIAL, SOD LAWN & FERTILIZER TYPE B

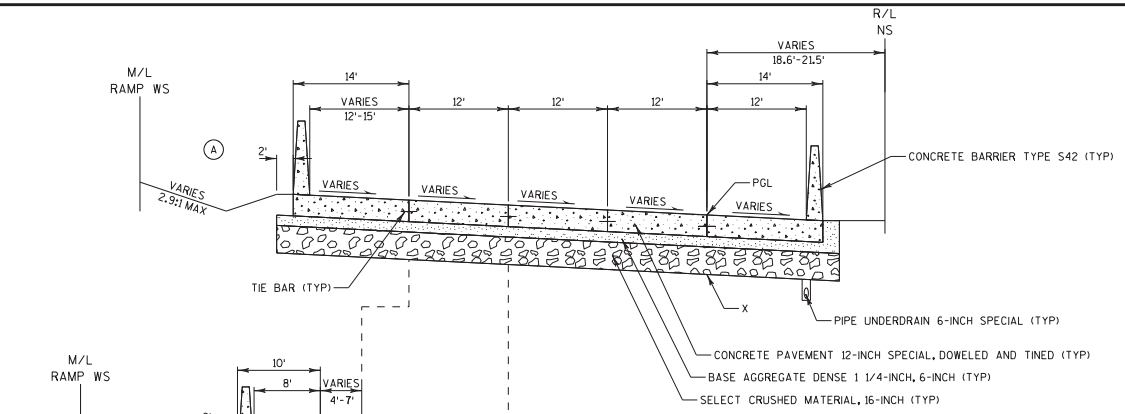
NOTE

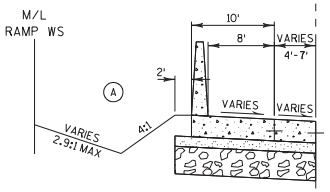
LOCATIONS OF EROSION MAT ARE SHOWN ON EROSION CONTROL PLANS

Addendum No. 01
ID 1060-33-81
Revised Sheet 113
August 17, 2015

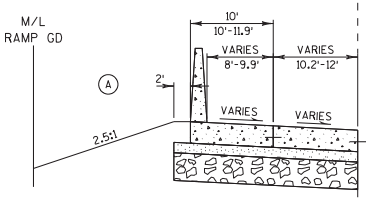
PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 113	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\020401_ts_NS_NB_S.dgn PLOT DATE : 12-AUG-2015 16:30 PLOT BY : MSCD1S PLOT NAME : 020401_ts_NS_NB_S12 PLOT SCALE : 15:1

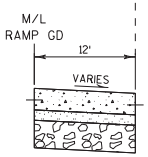




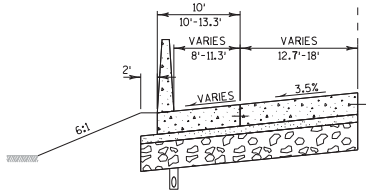
STA 283NS+37.37 TO STA 284NS+86.42



STA 286NS+35.75 TO STA 287NS+73.46



STA 287NS+73.46 TO STA 290NS+39.33



STA 290NS+39.33 TO STA 291NS+62.52

TYPICAL FINISHED SECTION

IH 894 EB/ USH 45 SB

STA 280NS+68.91 TO STA 291NS+62.52

NOTES

PGL = POINT REFERRED TO ON PROFILE AND PIVOT POINT FOR SUPERELEVATION
X = POINT REFERRED TO ON CROSS-SECTION
Y = CROWN POINT

LEGEND

(A) FOR SLOPES 3:1 OR FLATTER, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 30 & FERTILIZER TYPE B

FOR SLOPES STEEPER THAN 3:1, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 80 & FERTILIZER TYPE B

FOR ALL SLOPES, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 70A STA 290NS+39.33 TO STA 291NS+62.52 (1)

(B) 6" TOPSOIL SPECIAL, SEEDING MIXTURE NATIVE SEED BUTTERFLY MIX & NURSE CROP

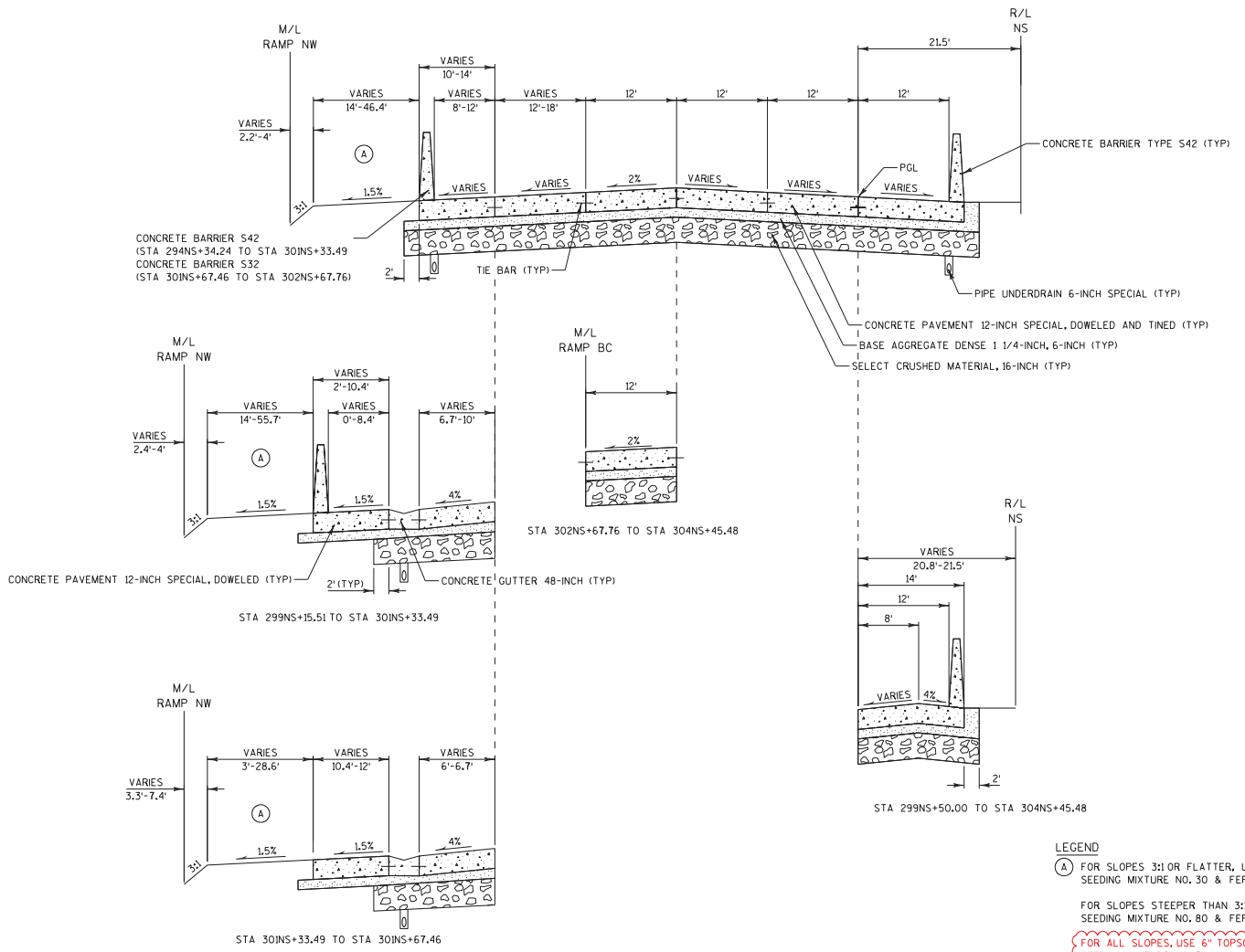
(C) 6" TOPSOIL SPECIAL, SOD LAWN & FERTILIZER TYPE B

NOTE

LOCATIONS OF EROSION MAT ARE SHOWN ON EROSION CONTROL PLANS

Addendum No. 01
ID 1060-33-81
Revised Sheet 129
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 129	E



Addendum No. 01
ID 1060-33-81
Revised Sheet 130
August 17, 2015

TYPICAL FINISHED SECTION

IH 894 EB/ USH 45 SB

STA 294NS+34.24 TO STA 304NS+45.48

NOTES

PGL = POINT REFERRED TO ON PROFILE AND PIVOT POINT FOR SUPERELEVATION
X = POINT REFERRED TO ON CROSS-SECTION
Y = CROWN POINT

LEGEND

(A) FOR SLOPES 3:1 OR FLATTER, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 30 & FERTILIZER TYPE B

FOR SLOPES STEEPER THAN 3:1, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 80 & FERTILIZER TYPE B

(1) FOR ALL SLOPES, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 70A STA 294NS+34.24 TO STA 302NS+67.76

(B) 6" TOPSOIL SPECIAL, SEEDING MIXTURE NATIVE SEED BUTTERFLY MIX & NURSE CROP

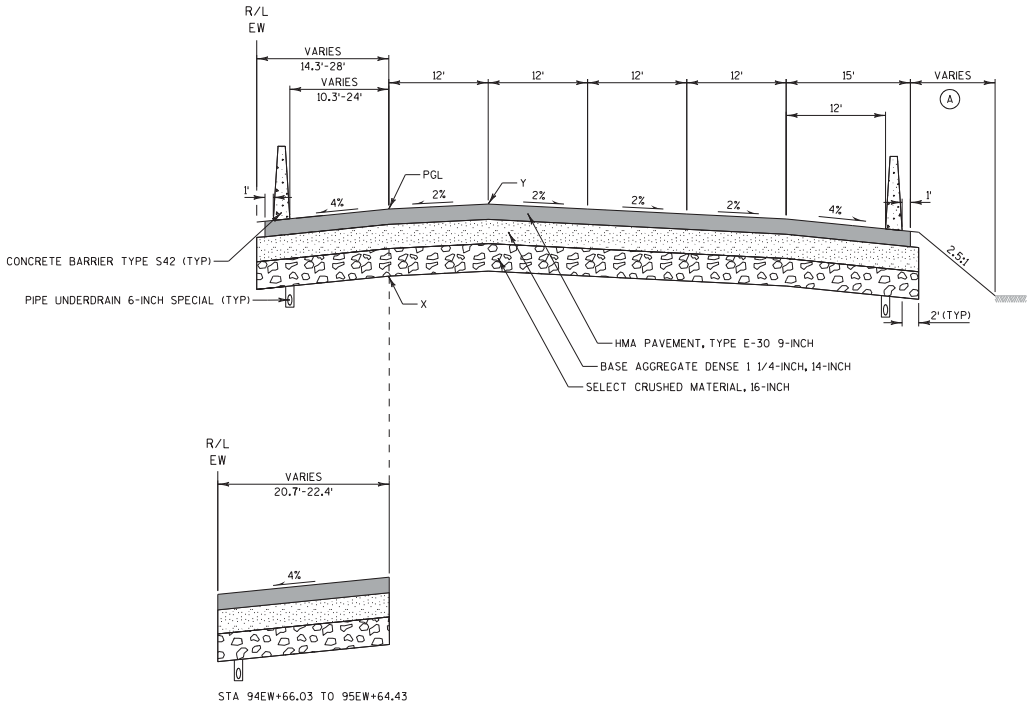
(C) 6" TOPSOIL SPECIAL, SOD LAWN & FERTILIZER TYPE B

NOTE

LOCATIONS OF EROSION MAT ARE SHOWN ON EROSION CONTROL PLANS

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 130	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\020403_ts_NS_SB_S.dgn PLOT DATE : 12-AUG-2015 16:30 PLOT BY : MSCD1S PLOT NAME : 020403_ts_NS_SB_S9 PLOT SCALE : 15:1



TYPICAL FINISHED SECTION

IH 94 EB

STA 88EW+00.00 TO STA 99EW+25.59

NOTES

PGL = POINT REFERRED TO ON PROFILE AND PIVOT POINT FOR SUPERELEVATION
X = POINT REFERRED TO ON CROSS-SECTION
Y = CROWN POINT

LEGEND

(A) FOR SLOPES 3:1 OR FLATTER, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 30 & FERTILIZER TYPE B

FOR SLOPES STEEPER THAN 3:1, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 80 & FERTILIZER TYPE B

FOR ALL SLOPES, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 70A STA 88EW+00.00 TO STA 99EW+25.59 (1)

(B) 6" TOPSOIL SPECIAL, SEEDING MIXTURE NATIVE SEED BUTTERFLY MIX & NURSE CROP

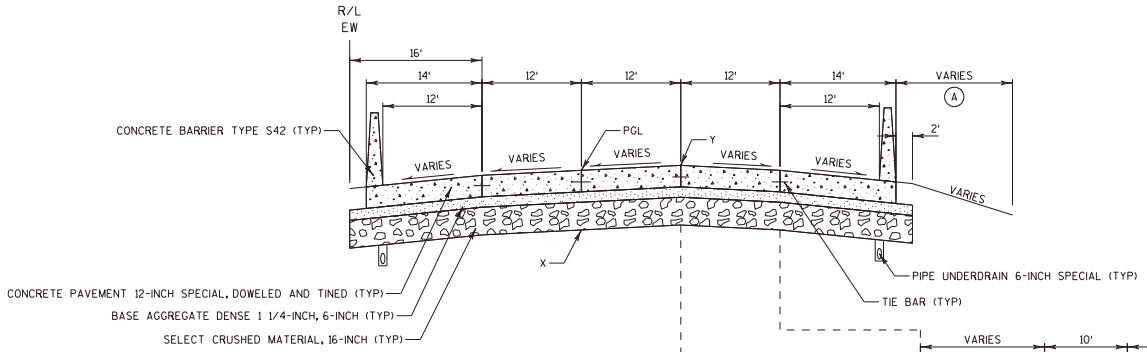
(C) 6" TOPSOIL SPECIAL, SOD LAWN & FERTILIZER TYPE B

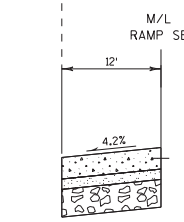
NOTE

LOCATIONS OF EROSION MAT ARE SHOWN ON EROSION CONTROL PLANS

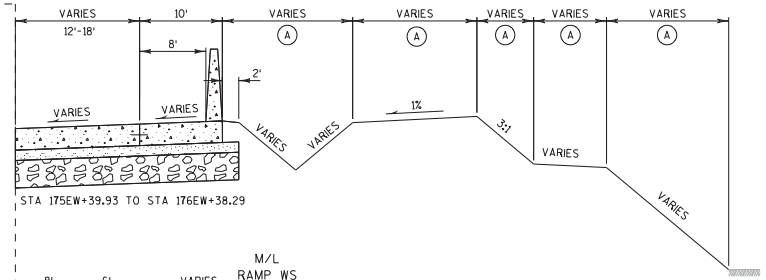
Addendum No. 01
ID 1060-33-81
Revised Sheet 134
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 134	E

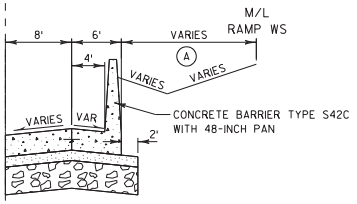




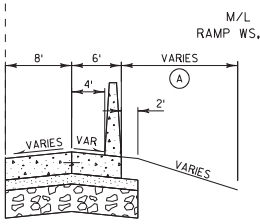
STA 173EW+09.66 TO STA 175EW+39.93



STA 175EW+39.93 TO STA 176EW+38.29



STA 163EW+00.00 TO STA 166EW+61.00



STA 162EW+50.00 TO STA 163EW+00.00
STA 166EW+61.00 TO STA 173EW+09.66

TYPICAL FINISHED SECTION

IH 94 EB

STA 162EW+00.00 TO STA 176EW+38.30

NOTES

PGL = POINT REFERRED TO ON PROFILE AND PIVOT POINT FOR SUPERELEVATION
X = POINT REFERRED TO ON CROSS-SECTION
Y = CROWN POINT

LEGEND

(A) FOR SLOPES 3:1 OR FLATTER, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 30 & FERTILIZER TYPE B

FOR SLOPES STEEPER THAN 3:1, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 80 & FERTILIZER TYPE B

(1) FOR ALL SLOPES, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 70A STA 175EW+39.93 TO STA 176EW+38.30

(B) 6" TOPSOIL SPECIAL, SEEDING MIXTURE NATIVE SEED BUTTERFLY MIX & NURSE CROP

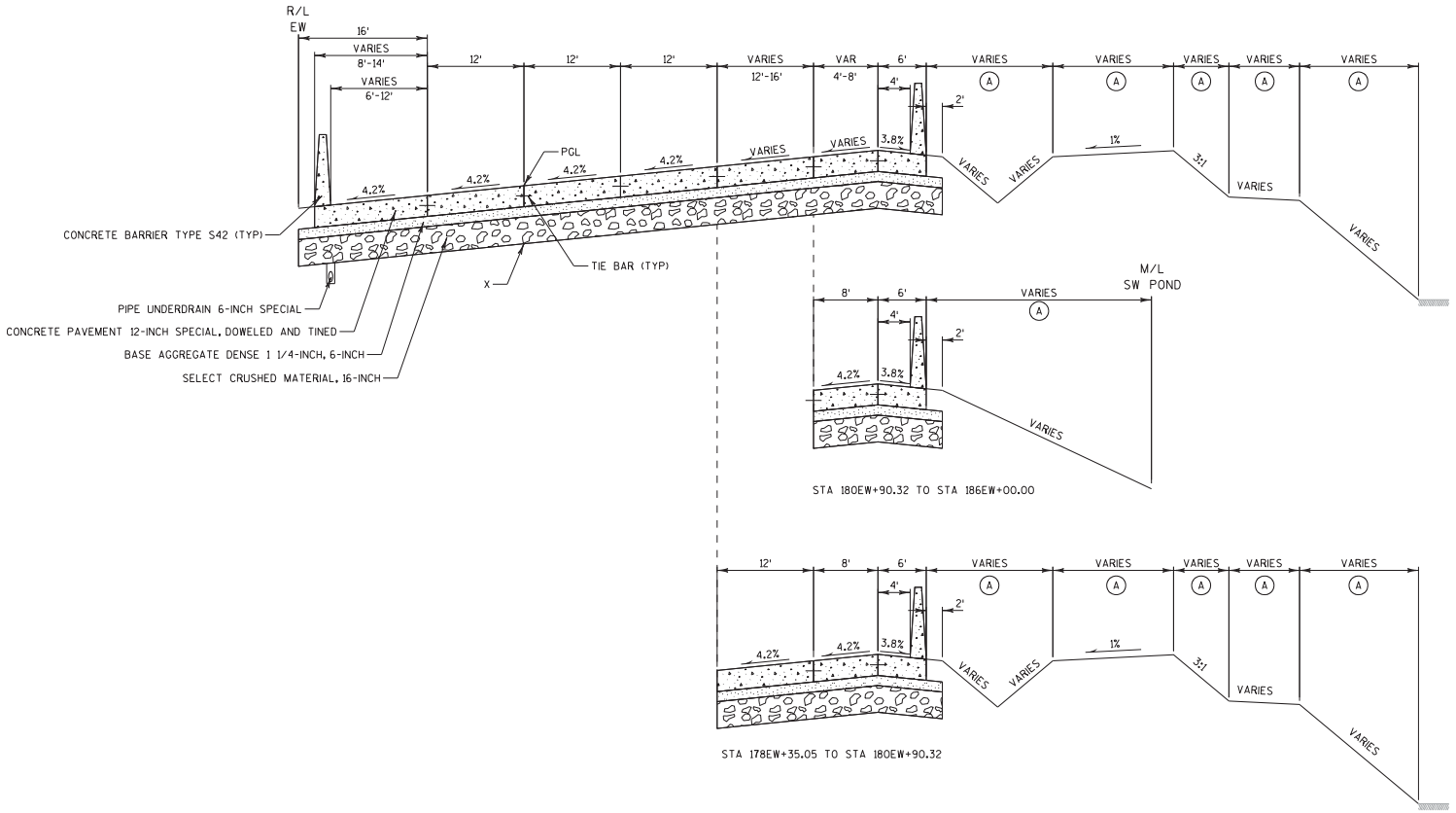
(C) 6" TOPSOIL SPECIAL, SOD LAWN & FERTILIZER TYPE B

NOTE

LOCATIONS OF EROSION MAT ARE SHOWN ON EROSION CONTROL PLANS

Addendum No. 01
ID 1060-33-81
Revised Sheet 138
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 138	E



Addendum No. 01
ID 1060-33-81
Revised Sheet 139
August 17, 2015

LEGEND

(A) FOR SLOPES 3:1 OR FLATTER, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 30 & FERTILIZER TYPE B

FOR SLOPES STEEPER THAN 3:1, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 80 & FERTILIZER TYPE B

FOR ALL SLOPES, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 70A STA 176EW+38.30 TO STA 186EW+00.00 (1)

(B) 6" TOPSOIL SPECIAL, SEEDING MIXTURE NATIVE SEED BUTTERFLY MIX & NURSE CROP

(C) 6" TOPSOIL SPECIAL, SOD LAWN & FERTILIZER TYPE B

NOTE

LOCATIONS OF EROSION MAT ARE SHOWN ON EROSION CONTROL PLANS

NOTES

PGL = POINT REFERRED TO ON PROFILE AND PIVOT POINT FOR SUPERELEVATION
X = POINT REFERRED TO ON CROSS-SECTION
Y = CROWN POINT

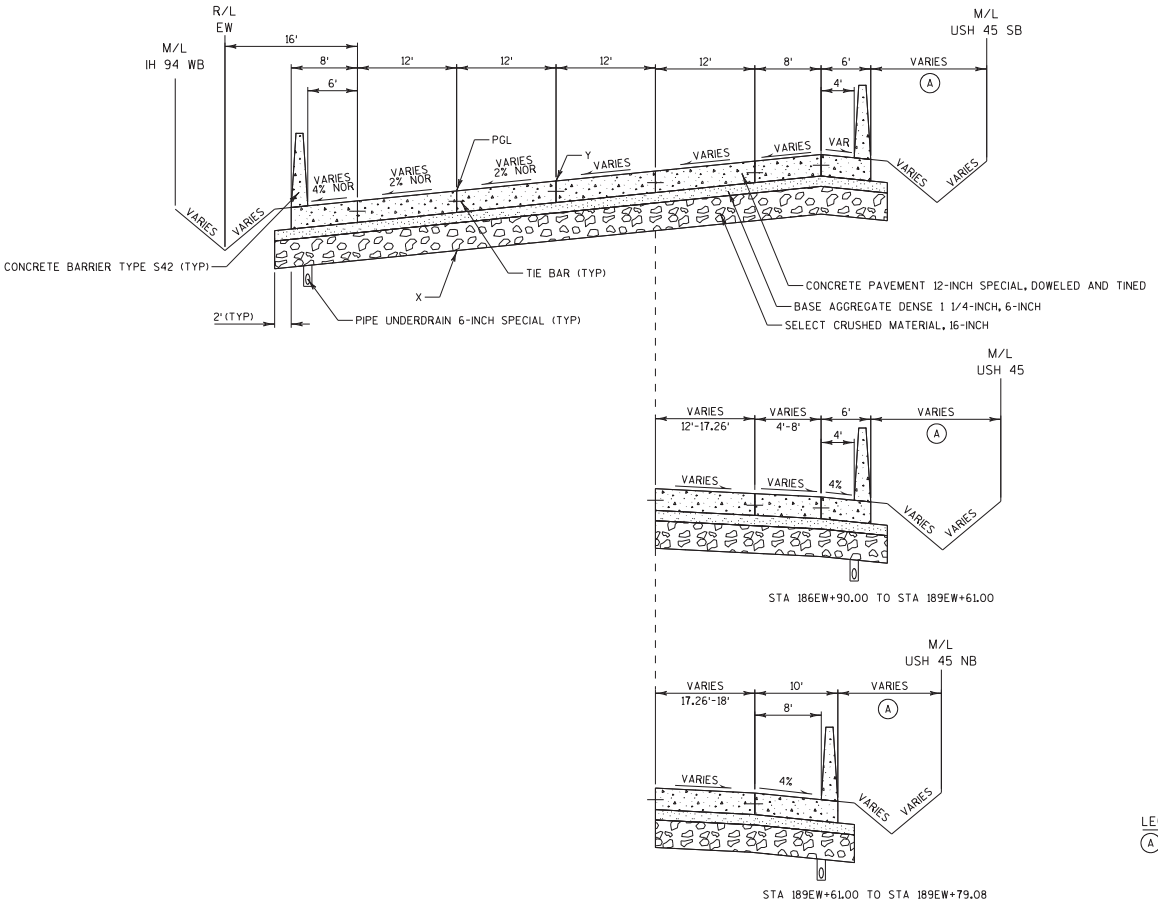
TYPICAL FINISHED SECTION

IH 94 EB

STA 176EW+38.30 TO STA 186EW+00.00

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 139	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\020405_ts_EW_EB.dgn PLOT DATE : 12-AUG-2015 16:30 PLOT BY : MSCD1S PLOT NAME : 020405_ts_EW_EB5 PLOT SCALE : 15.000003:1



TYPICAL FINISHED SECTION

IH 94 EB

STA 186EW+00.00 TO STA 189EW+79.08

NOTES

PGL = POINT REFERRED TO ON PROFILE AND PIVOT POINT FOR SUPERELEVATION
X = POINT REFERRED TO ON CROSS-SECTION
Y = CROWN POINT

LEGEND

(A) FOR SLOPES 3:1 OR FLATTER, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 30 & FERTILIZER TYPE B

FOR SLOPES STEEPER THAN 3:1, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 80 & FERTILIZER TYPE B

FOR ALL SLOPES, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 70A STA 186EW+00.00 TO STA 189EW+79.08 (1)

(B) 6" TOPSOIL SPECIAL, SEEDING MIXTURE NATIVE SEED BUTTERFLY MIX & NURSE CROP

(C) 6" TOPSOIL SPECIAL, SOD LAWN & FERTILIZER TYPE B

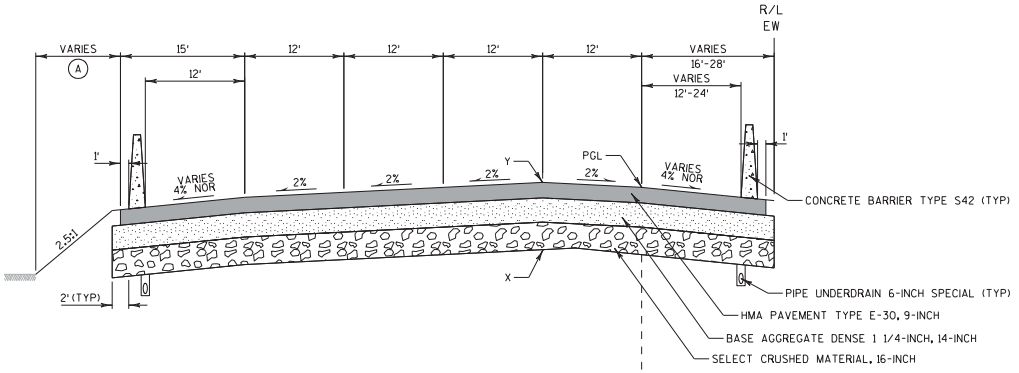
NOTE

LOCATIONS OF EROSION MAT ARE SHOWN ON EROSION CONTROL PLANS

Addendum No. 01
ID 1060-33-81
Revised Sheet 140
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 140	E

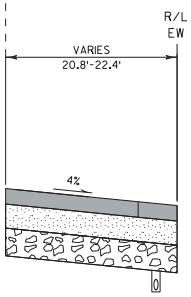
FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\020405_ts_EW_EB.dgn PLOT DATE : 12-AUG-2015 16:30 PLOT BY : MSCD1S PLOT NAME : 020405_ts_EW_EB6 PLOT SCALE : 15.000003:1



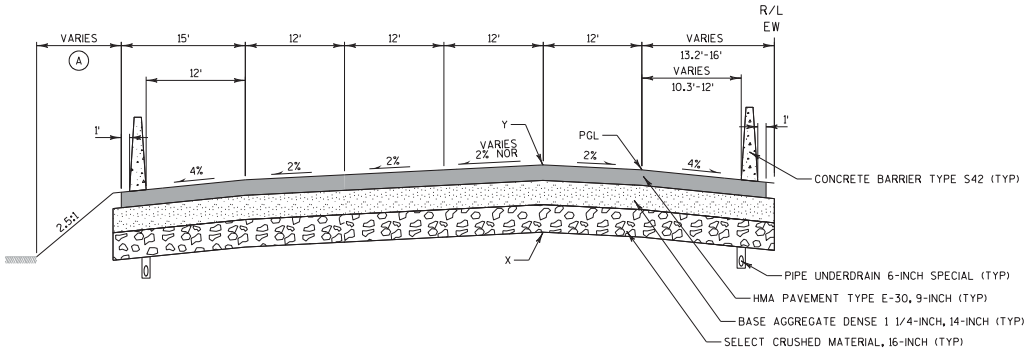
TYPICAL FINISHED SECTION

IH 94 WB

STA 91EW+80.00TO STA 99EW+19.76



STA 99EW+66.03 TO 95EW+64.43



TYPICAL FINISHED SECTION

IH 94 WB

STA 88EW+00.00 TO STA 91EW+80.00

NOTES

PGL = POINT REFERRED TO ON PROFILE AND PIVOT POINT FOR SUPERELEVATION
X = POINT REFERRED TO ON CROSS-SECTION
Y = CROWN POINT

LEGEND

(A) FOR SLOPES 3:1 OR FLATTER, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 30 & FERTILIZER TYPE B

FOR SLOPES STEEPER THAN 3:1, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 80 & FERTILIZER TYPE B

(1) FOR ALL SLOPES, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 70A STA 88EW+00.00 TO STA 99EW+25.59

(B) 6" TOPSOIL SPECIAL, SEEDING MIXTURE NATIVE SEED BUTTERFLY MIX & NURSE CROP

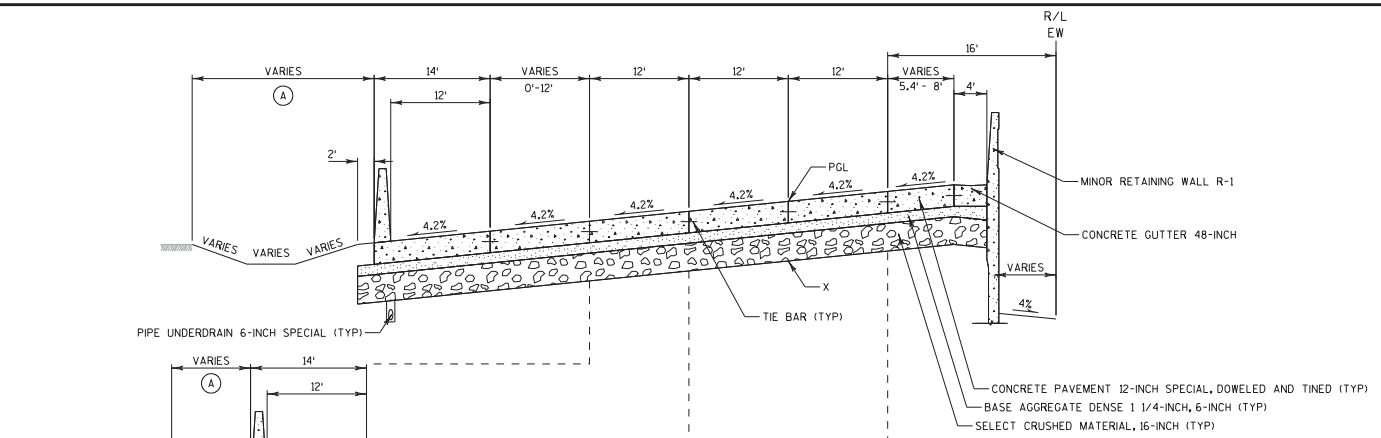
(C) 6" TOPSOIL SPECIAL, SOD LAWN & FERTILIZER TYPE B

NOTE

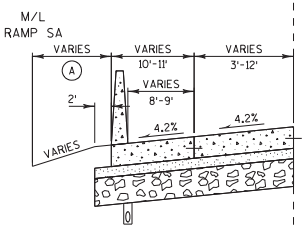
LOCATIONS OF EROSION MAT ARE SHOWN ON EROSION CONTROL PLANS

Addendum No. 01
ID 1060-33-81
Revised Sheet 143
August 17, 2015

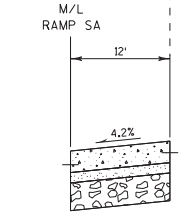
PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 143	E



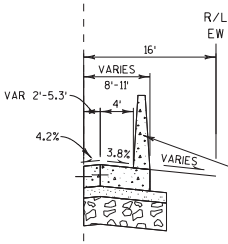
STA 164EW+81.89 TO STA 170EW+08.77



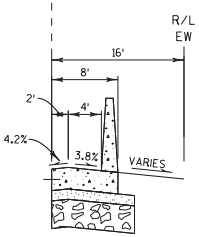
STA 170EW+08.77 TO STA 175EW+10.46



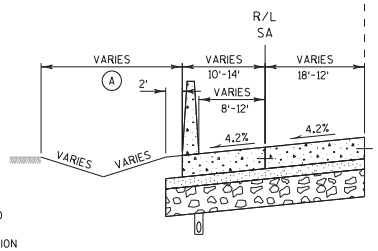
STA 175EW+10.46 TO STA 177EW+83.50



STA 182EW+13.80 TO STA 183EW+14.04



STA 183EW+14.04 TO STA 186EW+00.00



STA 177EW+83.50 TO STA 179EW+72.11

TYPICAL FINISHED SECTION
IH 94 WB

STA 165EW+20.00 TO STA 186EW+00.00

NOTES

PGL = POINT REFERRED TO ON PROFILE AND PIVOT POINT FOR SUPERELEVATION
X = POINT REFERRED TO ON CROSS-SECTION
Y = CROWN POINT

LEGEND

(A) FOR SLOPES 3:1 OR FLATTER, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 30 & FERTILIZER TYPE B

FOR SLOPES STEEPER THAN 3:1, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 80 & FERTILIZER TYPE B

(1) FOR ALL SLOPES, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 70A STA 177EW+83.50 TO STA 186EW+00.00

(B) 6" TOPSOIL SPECIAL, SEEDING MIXTURE NATIVE SEED BUTTERFLY MIX & NURSE CROP

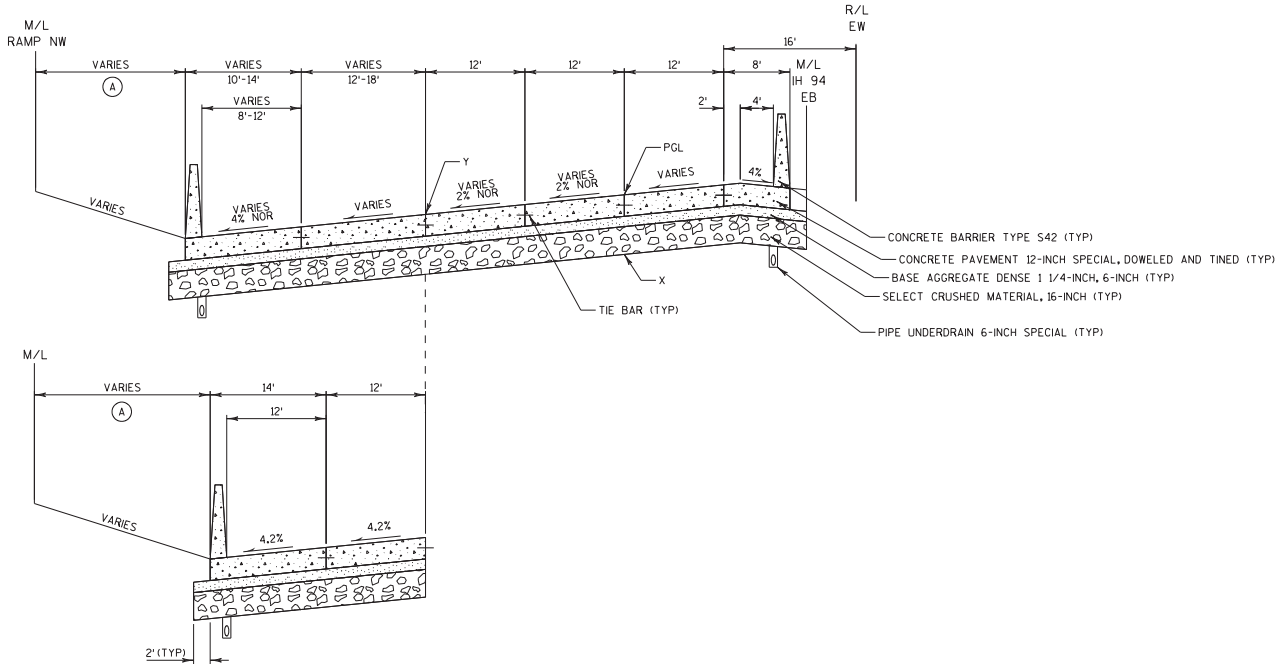
(C) 6" TOPSOIL SPECIAL, SOD LAWN & FERTILIZER TYPE B

NOTE

LOCATIONS OF EROSION MAT ARE SHOWN ON EROSION CONTROL PLANS

Addendum No. 01
ID 1060-33-81
Revised Sheet 147
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 147	E



STA 186EW+00.00 TO STA 186EW+56.23

TYPICAL FINISHED SECTION

IH 94 WB

STA 186EW+00.00 TO STA 189EW+58.50

NOTES

PGL = POINT REFERRED TO ON PROFILE AND PIVOT POINT FOR SUPERELEVATION
X = POINT REFERRED TO ON CROSS-SECTION
Y = CROWN POINT

LEGEND

(A) FOR SLOPES 3:1 OR FLATTER, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 30 & FERTILIZER TYPE B

FOR SLOPES STEEPER THAN 3:1, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 80 & FERTILIZER TYPE B

(1) FOR ALL SLOPES, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 70A STA 186EW+00.00 TO STA 188EW+40.33

(B) 6" TOPSOIL SPECIAL, SEEDING MIXTURE NATIVE SEED BUTTERFLY MIX & NURSE CROP

(C) 6" TOPSOIL SPECIAL, SOD LAWN & FERTILIZER TYPE B

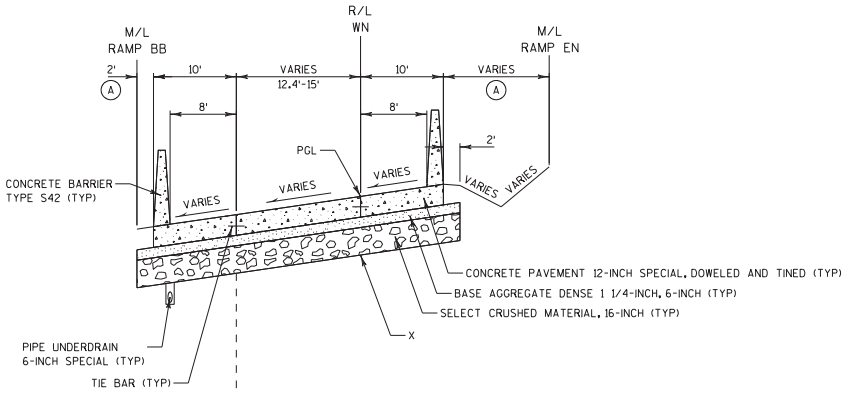
NOTE

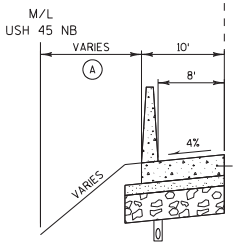
LOCATIONS OF EROSION MAT ARE SHOWN ON EROSION CONTROL PLANS

Addendum No. 01
ID 1060-33-81
Revised Sheet 148
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 148	E

2





STA 602WN+20.15 TO STA 602WN+87.52

TYPICAL FINISHED SECTION
RAMP WN

STA 598WN+38.59 TO STA 602WN+87.52

NOTES

PGL = POINT REFERRED TO ON PROFILE AND PIVOT POINT FOR SUPERELEVATION
X = POINT REFERRED TO ON CROSS-SECTION
Y = CROWN POINT

LEGEND

(A) FOR SLOPES 3:1 OR FLATTER, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 30 & FERTILIZER TYPE B

FOR SLOPES STEEPER THAN 3:1, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 80 & FERTILIZER TYPE B

(1) FOR ALL SLOPES, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 70A STA 598WN+38.59 TO STA 602WN+87.52

(B) 6" TOPSOIL SPECIAL, SEEDING MIXTURE NATIVE SEED BUTTERFLY MIX & NURSE CROP

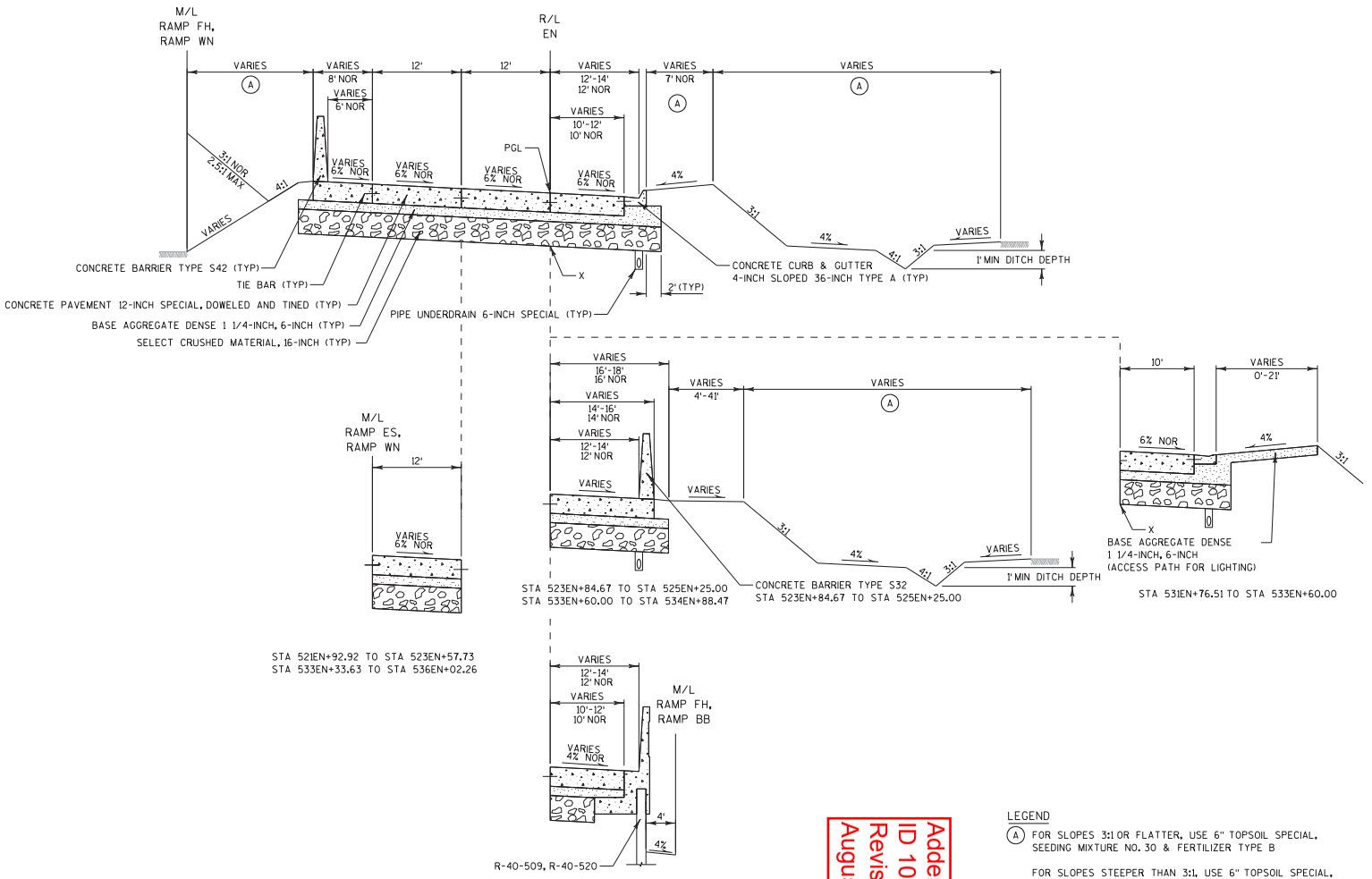
(C) 6" TOPSOIL SPECIAL, SOD LAWN & FERTILIZER TYPE B

NOTE

LOCATIONS OF EROSION MAT ARE SHOWN ON EROSION CONTROL PLANS

Addendum No. 01
ID 1060-33-81
Revised Sheet 159
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 159	E



TYPICAL FINISHED SECTION
RAMP EN

STA 521EN+92.92 TO STA 536EN+02.26

NOTES

PGL = POINT REFERRED TO ON PROFILE AND PIVOT POINT FOR SUPERELEVATION
X = POINT REFERRED TO ON CROSS-SECTION
Y = CROWN POINT

Addendum No. 01
ID 1060-33-81
Revised Sheet 167
August 17, 2015

LEGEND

(A) FOR SLOPES 3:1 OR FLATTER, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 30 & FERTILIZER TYPE B

FOR SLOPES STEEPER THAN 3:1, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 80 & FERTILIZER TYPE B

1 FOR ALL SLOPES, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 70A STA 525EN+74.79 TO STA 533EN+33.63 (LEFT)

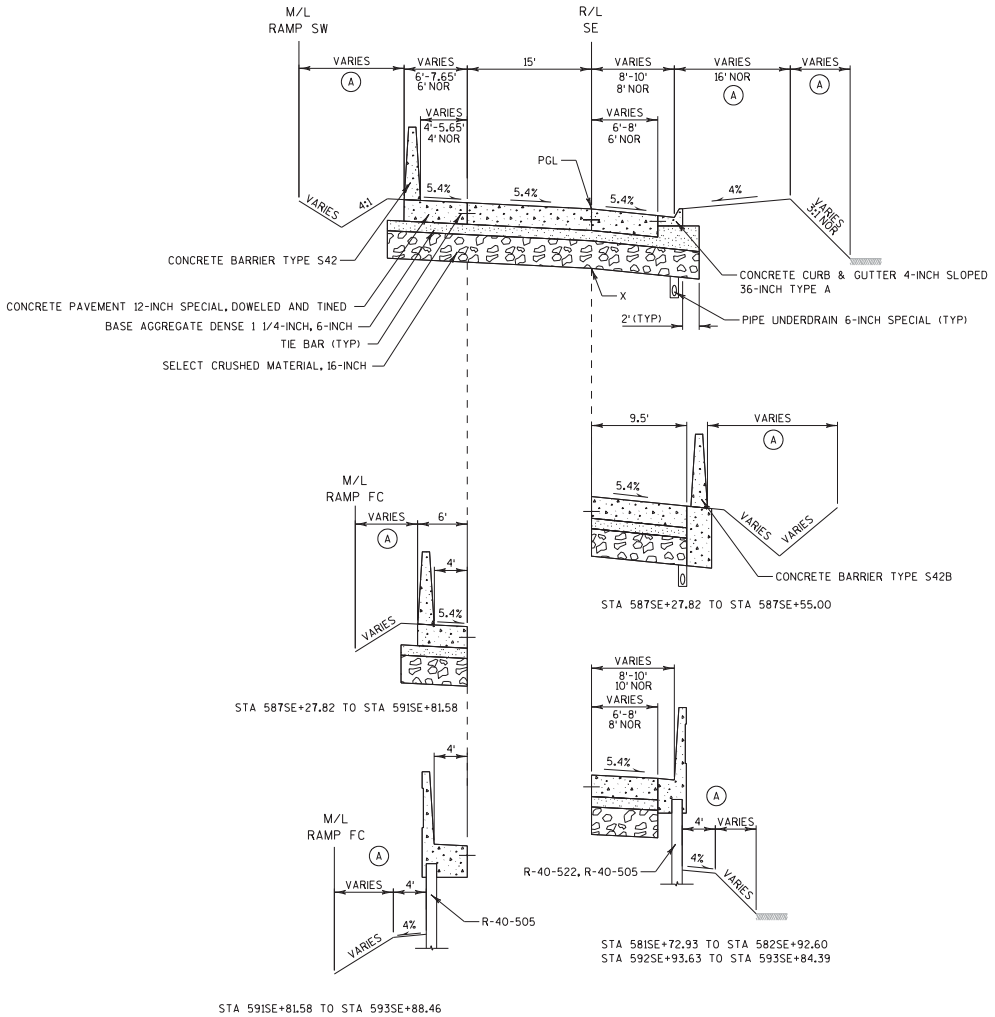
(B) 6" TOPSOIL SPECIAL, SEEDING MIXTURE NATIVE SEED BUTTERFLY MIX & NURSE CROP

(C) 6" TOPSOIL SPECIAL, SOD LAWN & FERTILIZER TYPE B

NOTE

LOCATIONS OF EROSION MAT ARE SHOWN ON EROSION CONTROL PLANS

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 167	E



TYPICAL FINISHED SECTION

RAMP SE

STA 581SE+72.93 TO STA 582SE+92.60
STA 587SE+27.82 TO STA 593SE+88.46

NOTES

PGL = POINT REFERRED TO ON PROFILE AND PIVOT POINT FOR SUPERELEVATION
X = POINT REFERRED TO ON CROSS-SECTION
Y = CROWN POINT

LEGEND

(A) FOR SLOPES 3:1 OR FLATTER, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 30 & FERTILIZER TYPE B

FOR SLOPES STEEPER THAN 3:1, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 80 & FERTILIZER TYPE B

(1) FOR ALL SLOPES, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 70A STA 587SE+27.82 TO STA 593SE+88.46 (LEFT)

(B) 6" TOPSOIL SPECIAL, SEEDING MIXTURE NATIVE SEED BUTTERFLY MIX & NURSE CROP

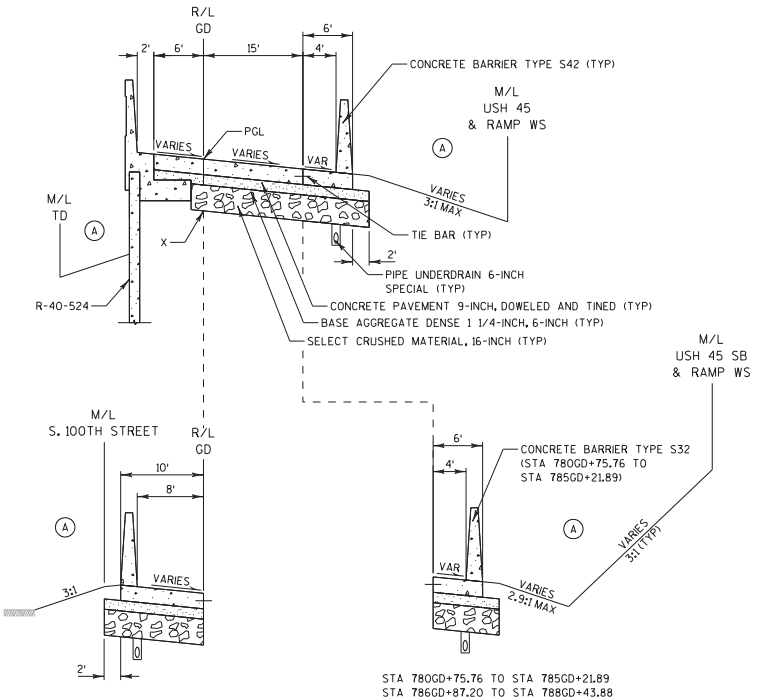
(C) 6" TOPSOIL SPECIAL, SOD LAWN & FERTILIZER TYPE B

NOTE

LOCATIONS OF EROSION MAT ARE SHOWN ON EROSION CONTROL PLANS

Addendum No. 01
ID 1060-33-81
Revised Sheet 170
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 170	E



STA 784GD+12.15 TO STA 785GD+14.66
STA 786GD+80.35 TO STA 788GD+43.88

STA 780GD+75.76 TO STA 785GD+21.89
STA 786GD+87.20 TO STA 788GD+43.88

TYPICAL FINISHED SECTION

RAMP GD

STA 780GD+75.76 TO STA 785GD+21.89
STA 786GD+80.35 TO STA 788GD+43.88

NOTES

PGL = POINT REFERRED TO ON PROFILE AND PIVOT POINT FOR SUPERELEVATION
X = POINT REFERRED TO ON CROSS-SECTION
Y = CROWN POINT

LEGEND

(A) FOR SLOPES 3:1 OR FLATTER, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 30 & FERTILIZER TYPE B

FOR SLOPES STEEPER THAN 3:1, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 80 & FERTILIZER TYPE B

(1) FOR ALL SLOPES, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 70A STA 786GD+80.35 TO STA 788GD+43.88 (LEFT)

(B) 6" TOPSOIL SPECIAL, SEEDING MIXTURE NATIVE SEED BUTTERFLY MIX & NURSE CROP

(C) 6" TOPSOIL SPECIAL, SOD LAWN & FERTILIZER TYPE B

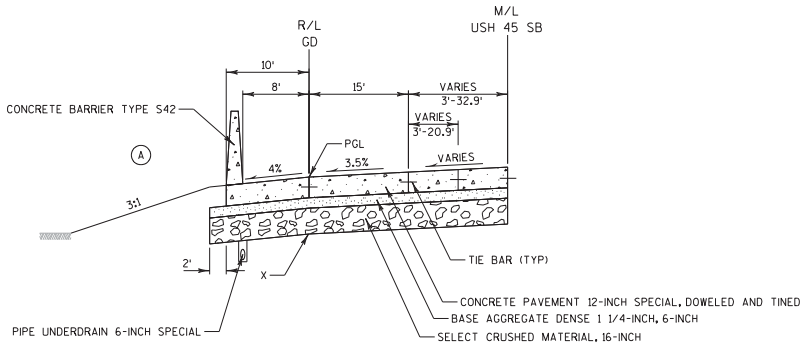
NOTE

LOCATIONS OF EROSION MAT ARE SHOWN ON EROSION CONTROL PLANS

Addendum No. 01
ID 1060-33-81
Revised Sheet 189
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 189	E

2



Addendum No. 01
ID 1060-33-81
Revised Sheet 190
August 17, 2015

LEGEND

(A) FOR SLOPES 3:1 OR FLATTER, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 30 & FERTILIZER TYPE B

FOR SLOPES STEEPER THAN 3:1, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 80 & FERTILIZER TYPE B

FOR ALL SLOPES, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 70A STA 788GD+43.88 TO STA 791GD+08.37 (LEFT) (1)

(B) 6" TOPSOIL SPECIAL, SEEDING MIXTURE NATIVE SEED BUTTERFLY MIX & NURSE CROP

(C) 6" TOPSOIL SPECIAL, SOD LAWN & FERTILIZER TYPE B

NOTE

LOCATIONS OF EROSION MAT ARE SHOWN ON EROSION CONTROL PLANS

NOTES

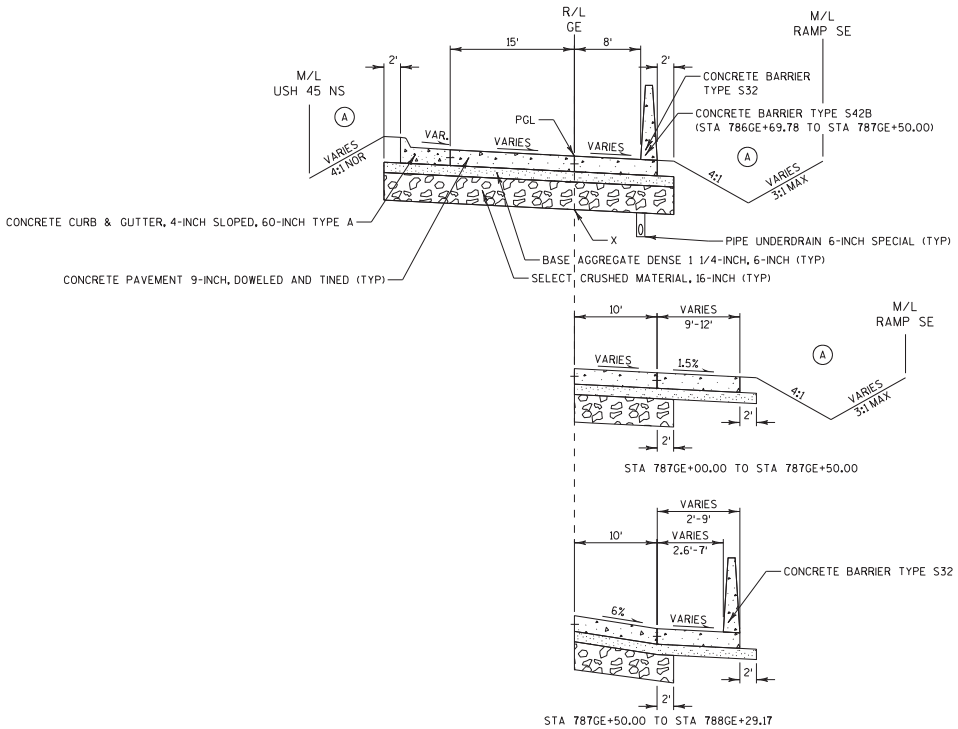
PGL = POINT REFERRED TO ON PROFILE AND PIVOT POINT FOR SUPERELEVATION
X = POINT REFERRED TO ON CROSS-SECTION
Y = CROWN POINT

TYPICAL FINISHED SECTION

RAMP GD

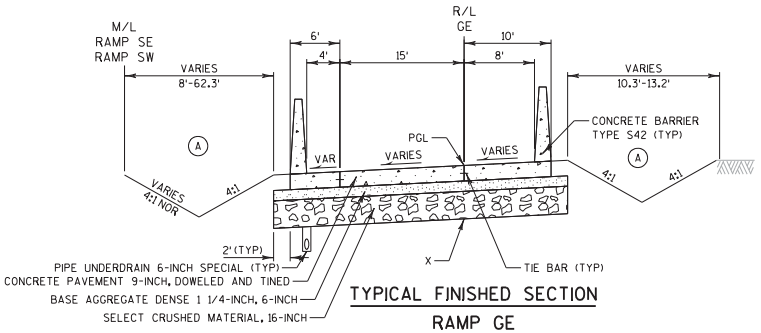
STA 788GD+43.88 TO STA 791GD+08.37

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 190	E



TYPICAL FINISHED SECTION
RAMP GE

STA 786GE+69.78 TO STA 788GE+29.17



TYPICAL FINISHED SECTION
RAMP GE

STA 782GE+32.90 TO STA 785GE+32.06

NOTES

PGL = POINT REFERRED TO ON PROFILE AND PIVOT POINT FOR SUPERELEVATION
X = POINT REFERRED TO ON CROSS SECTION
Y = CROWN POINT

LEGEND

(A) FOR SLOPES 3:1 OR FLATTER, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 30 & FERTILIZER TYPE B

FOR SLOPES STEEPER THAN 3:1, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 80 & FERTILIZER TYPE B

FOR ALL SLOPES, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 70A STA 786GE+69.78 TO STA 788GE+29.17 (RIGHT) (1)

(B) 6" TOPSOIL SPECIAL, SEEDING MIXTURE NATIVE SEED BUTTERFLY MIX & NURSE CROP

(C) 6" TOPSOIL SPECIAL, SOD LAWN & FERTILIZER TYPE B

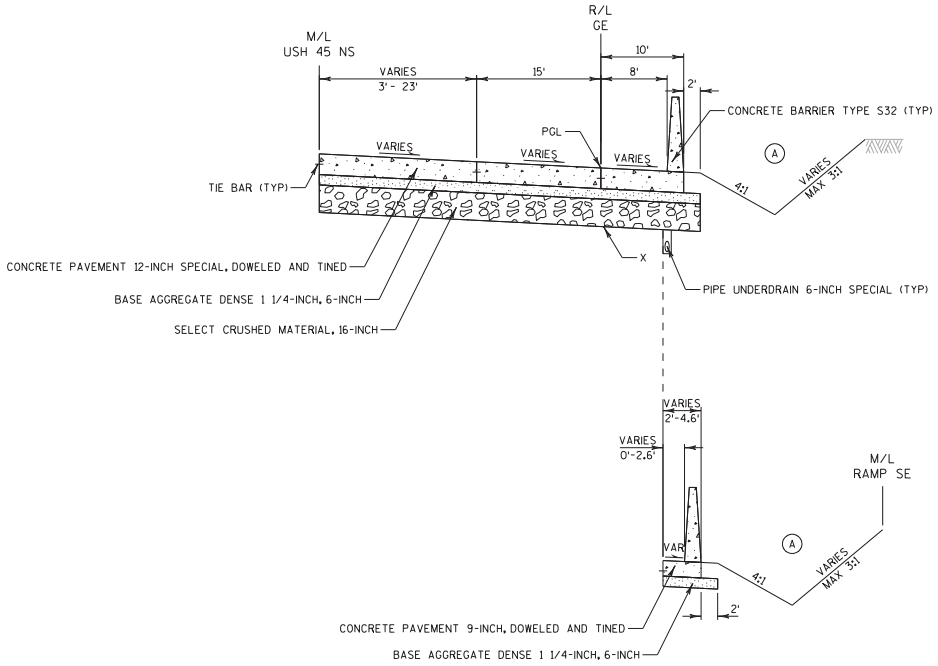
NOTE

LOCATIONS OF EROSION MAT ARE SHOWN ON EROSION CONTROL PLANS

Addendum No. 01
ID 1060-33-81
Revised Sheet 193
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 193	E

2



STA 788GE+29.17 TO STA 788GE+72.77

TYPICAL FINISHED SECTION

RAMP GE

STA 788GE+29.17 TO STA 789GE+94.84

NOTES

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

X = POINT REFERRED TO ON CROSS SECTION

Y = CROWN POINT

LEGEND

(A) FOR SLOPES 3:1 OR FLATTER, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 30 & FERTILIZER TYPE B

FOR SLOPES STEEPER THAN 3:1, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 80 & FERTILIZER TYPE B

FOR ALL SLOPES, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 70A STA 788GE+29.17 TO STA 789GE+94.84 (1)

(B) 6" TOPSOIL SPECIAL, SEEDING MIXTURE NATIVE SEED BUTTERFLY MIX & NURSE CROP

(C) 6" TOPSOIL SPECIAL, SOD LAWN & FERTILIZER TYPE B

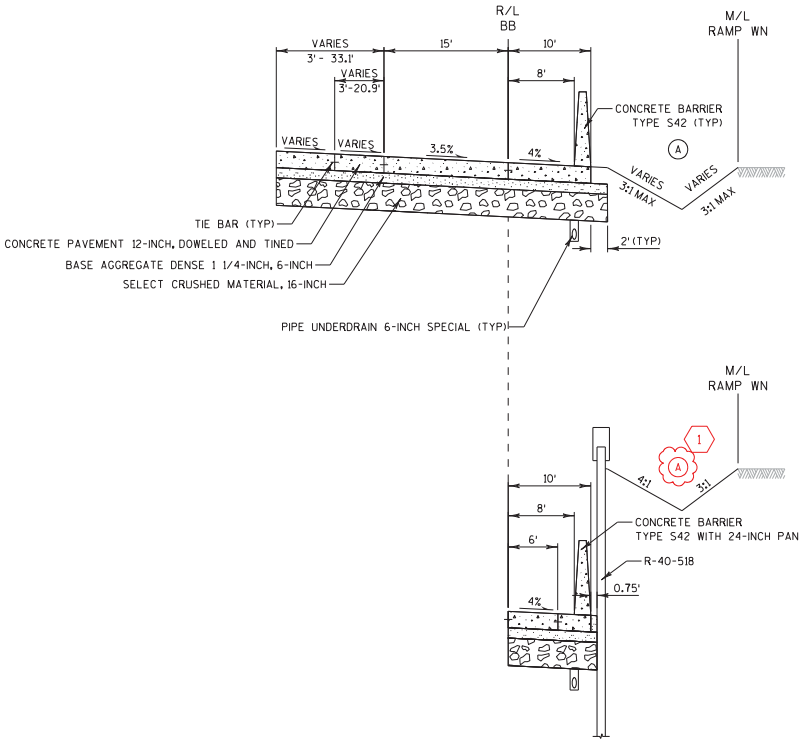
NOTE

LOCATIONS OF EROSION MAT ARE SHOWN ON EROSION CONTROL PLANS

Addendum No. 01
ID 1060-33-81
Revised Sheet 194
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 194	E

2



STA 800BB+73.54 TO STA 802BB+24.41

TYPICAL FINISHED SECTION

RAMP BB

STA 799BB+61.09 TO STA 802BB+24.41

Addendum No. 01
ID 1060-33-81
Revised Sheet 198
August 17, 2015

LEGEND

(A) FOR SLOPES 3:1 OR FLATTER, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 30 & FERTILIZER TYPE B

FOR SLOPES STEEPER THAN 3:1, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 80 & FERTILIZER TYPE B

FOR ALL SLOPES, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 70A STA 799BB+61.09 TO STA 802BB+24.41 (1)

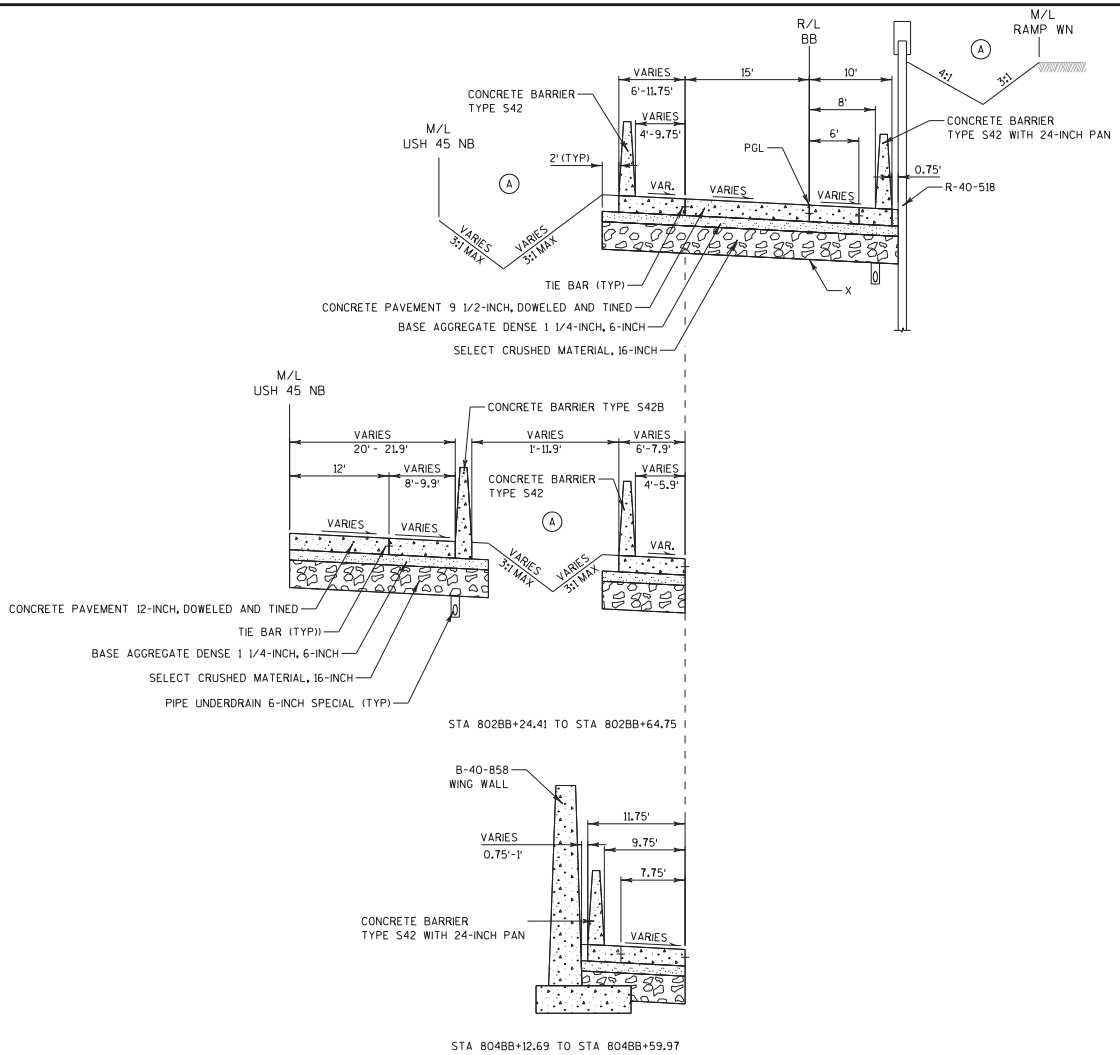
(B) 6" TOPSOIL SPECIAL, SEEDING MIXTURE NATIVE SEED BUTTERFLY MIX & NURSE CROP

(C) 6" TOPSOIL SPECIAL, SOD LAWN & FERTILIZER TYPE B

NOTE

LOCATIONS OF EROSION MAT ARE SHOWN ON EROSION CONTROL PLANS

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 198	E



TYPICAL FINISHED SECTION
RAMP BB

STA 802BB+24.41 TO STA 804BB+59.97

NOTES

PGL = POINT REFERRED TO ON PROFILE AND PIVOT POINT FOR SUPERELEVATION
X = POINT REFERRED TO ON CROSS SECTION
Y = CROWN POINT

LEGEND

(A) FOR SLOPES 3:1 OR FLATTER, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 30 & FERTILIZER TYPE B

(A) FOR SLOPES STEEPER THAN 3:1, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 80 & FERTILIZER TYPE B

(1) FOR ALL SLOPES, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 70A STA 802BB+24.41 TO STA 804BB+59.97

(B) 6" TOPSOIL SPECIAL, SEEDING MIXTURE NATIVE SEED BUTTERFLY MIX & NURSE CROP

(C) 6" TOPSOIL SPECIAL, SOD LAWN & FERTILIZER TYPE B

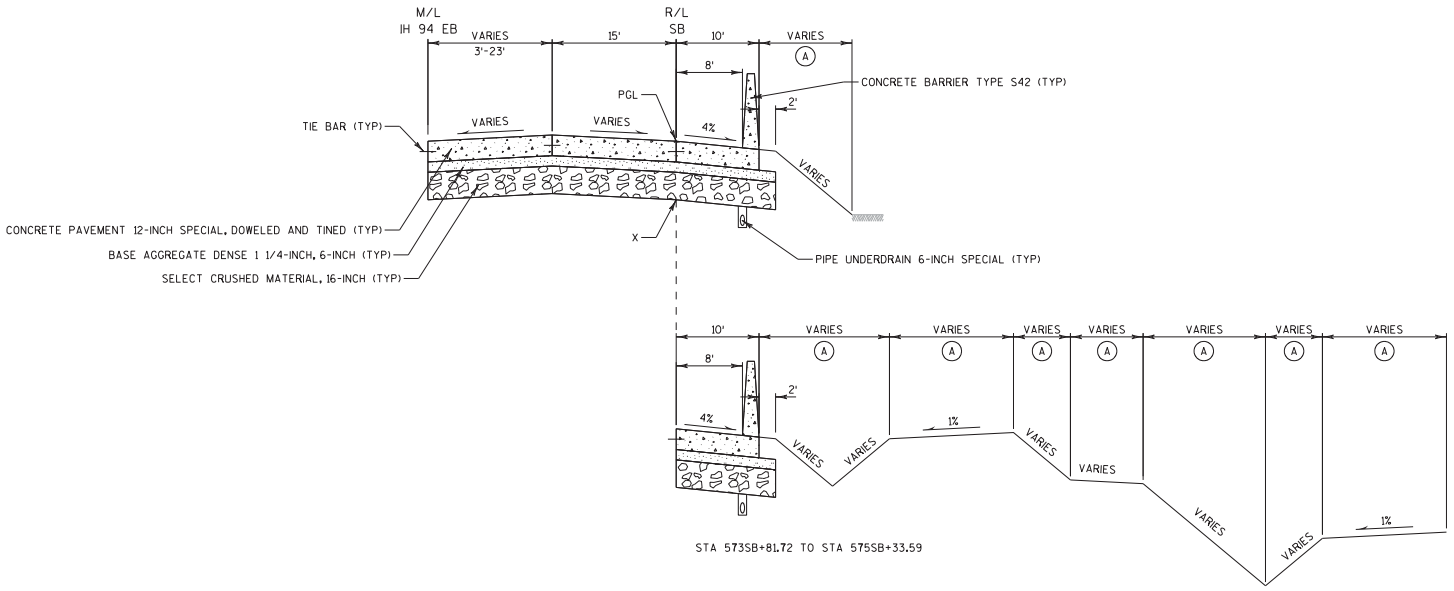
NOTE

LOCATIONS OF EROSION MAT ARE SHOWN ON EROSION CONTROL PLANS

Addendum No. 01
ID 1060-33-81
Revised Sheet 199
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 199	E

2



STA 573SB+81.72 TO STA 575SB+33.59

TYPICAL FINISHED SECTION

RAMP SB

STA 572SB+99.35 TO STA 575SB+33.59

Addendum No. 01
ID 1060-33-81
Revised Sheet 208
August 17, 2015

LEGEND

(A) FOR SLOPES 3:1 OR FLATTER, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 30 & FERTILIZER TYPE B

FOR SLOPES STEEPER THAN 3:1, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 80 & FERTILIZER TYPE B

(1) FOR ALL SLOPES, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 70A
STA 574SB+03.79 TO STA 575SB+33.59

(B) 6" TOPSOIL SPECIAL, SEEDING MIXTURE NATIVE SEED BUTTERFLY MIX & NURSE CROP

(C) 6" TOPSOIL SPECIAL, SOD LAWN & FERTILIZER TYPE B

NOTE

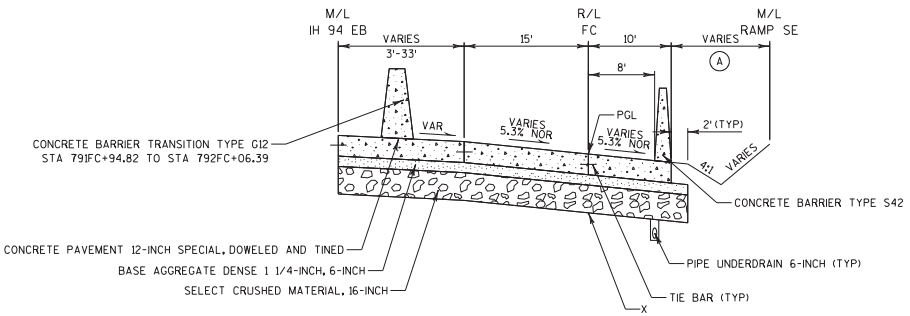
LOCATIONS OF EROSION MAT ARE SHOWN ON EROSION CONTROL PLANS

NOTES

PGL = POINT REFERRED TO ON PROFILE AND PIVOT POINT FOR SUPERELEVATION
X = POINT REFERRED TO ON CROSS-SECTION
Y = CROWN POINT

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 208	E

2



TYPICAL FINISHED SECTION

RAMP FC

STA 789FC+80.66 TO STA 792FC+06.42

NOTES

PGL = POINT REFERRED TO ON PROFILE AND PIVOT POINT FOR SUPERELEVATION
X = POINT REFERRED TO ON CROSS-SECTION
Y = CROWN POINT

LEGEND

(A) FOR SLOPES 3:1 OR FLATTER, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 30 & FERTILIZER TYPE B

FOR SLOPES STEEPER THAN 3:1, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 80 & FERTILIZER TYPE B

(1) FOR ALL SLOPES, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 70A STA 789FC+80.66 TO STA 792FC+06.42 (RIGHT)

(B) 6" TOPSOIL SPECIAL, SEEDING MIXTURE NATIVE SEED BUTTERFLY MIX & NURSE CROP

(C) 6" TOPSOIL SPECIAL, SOD LAWN & FERTILIZER TYPE B

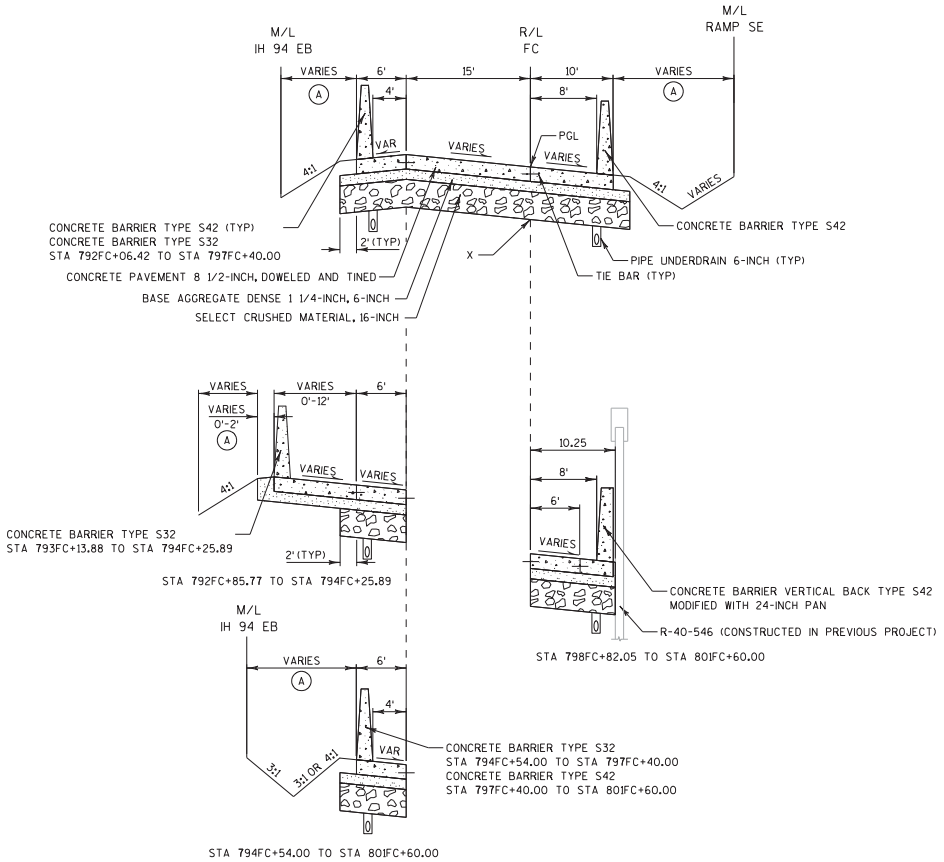
NOTE

LOCATIONS OF EROSION MAT ARE SHOWN ON EROSION CONTROL PLANS

Addendum No. 01
ID 1060-33-81
Revised Sheet 216
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 216	E

2



TYPICAL FINISHED SECTION

RAMP FC

STA 792FC+06.42 TO STA 801FC+60.00

NOTES

PGL = POINT REFERRED TO ON PROFILE AND PIVOT POINT FOR SUPERELEVATION
X = POINT REFERRED TO ON CROSS-SECTION
Y = CROWN POINT

LEGEND

(A) FOR SLOPES 3:1 OR FLATTER, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 30 & FERTILIZER TYPE B

FOR SLOPES STEEPER THAN 3:1, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 80 & FERTILIZER TYPE B

(1) FOR ALL SLOPES, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 70A STA 792FC+06.42 TO STA 795FC+47.70 (RIGHT)

(B) 6" TOPSOIL SPECIAL, SEEDING MIXTURE NATIVE SEED BUTTERFLY MIX & NURSE CROP

(C) 6" TOPSOIL SPECIAL, SOD LAWN & FERTILIZER TYPE B

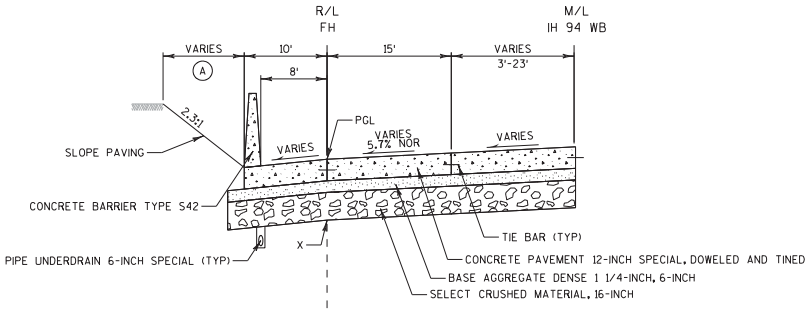
NOTE

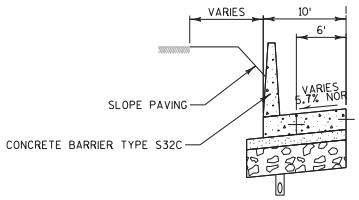
LOCATIONS OF EROSION MAT ARE SHOWN ON EROSION CONTROL PLANS

Addendum No. 01
ID 1060-33-81
Revised Sheet 217
August 17, 2015

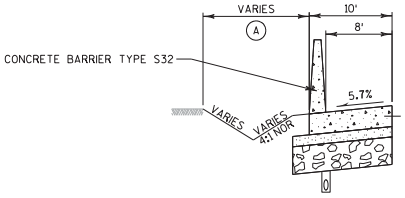
PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 217	E

2





STA 789+80.00 TO STA 791FH+15.00



STA 791+15.00 TO STA 791FH+45.16

TYPICAL FINISHED SECTION

RAMP FH

STA 789FH+56.15 TO STA 791FH+45.16

NOTES

PGL = POINT REFERRED TO ON PROFILE AND PIVOT POINT FOR SUPERELEVATION
X = POINT REFERRED TO ON CROSS-SECTION
Y = CROWN POINT

LEGEND

(A) FOR SLOPES 3:1 OR FLATTER, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 30 & FERTILIZER TYPE B

FOR SLOPES STEEPER THAN 3:1, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 80 & FERTILIZER TYPE B

FOR ALL SLOPES, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 70A STA 790FH+35.95 TO STA 791FH+45.16 (LEFT) (1)

(B) 6" TOPSOIL SPECIAL, SEEDING MIXTURE NATIVE SEED BUTTERFLY MIX & NURSE CROP

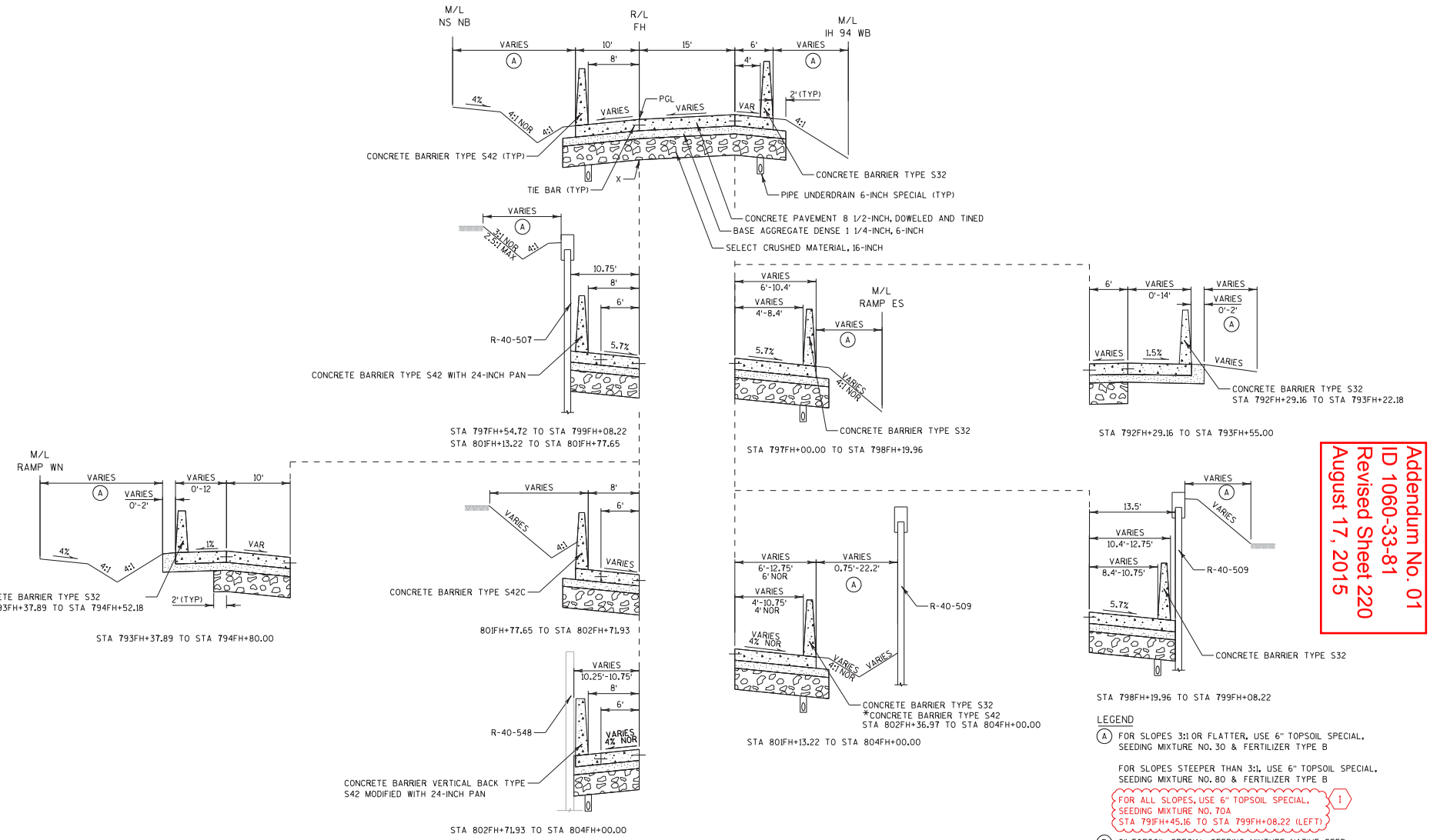
(C) 6" TOPSOIL SPECIAL, SOD LAWN & FERTILIZER TYPE B

NOTE

LOCATIONS OF EROSION MAT ARE SHOWN ON EROSION CONTROL PLANS

Addendum No. 01
ID 1060-33-81
Revised Sheet 219
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 219	E



TYPICAL FINISHED SECTION

RAMP FH

STA 791FH+45.16 TO STA 799FH+08.22
STA 801FH+13.22 TO STA 804FH+00.00

NOTES

PGL = POINT REFERRED TO ON PROFILE AND PIVOT POINT FOR SUPERELEVATION
X = POINT REFERRED TO ON CROSS-SECTION
Y = CROWN POINT

LEGEND

(A) FOR SLOPES 3:1 OR FLATTER, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 30 & FERTILIZER TYPE B

FOR SLOPES STEEPER THAN 3:1, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 80 & FERTILIZER TYPE B

FOR ALL SLOPES, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 70A STA 791FH+45.16 TO STA 799FH+08.22 (LEFT) (1)

(B) 6" TOPSOIL SPECIAL, SEEDING MIXTURE NATIVE SEED BUTTERFLY MIX & NURSE CROP

(C) 6" TOPSOIL SPECIAL, SOD LAWN & FERTILIZER TYPE B

NOTE

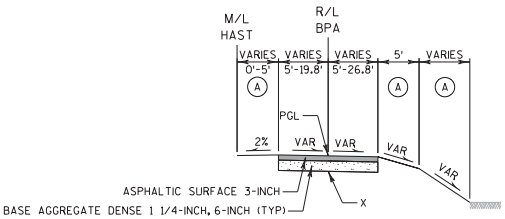
LOCATIONS OF EROSION MAT ARE SHOWN ON EROSION CONTROL PLANS

Addendum No. 01
ID 1060-33-81
Revised Sheet 220
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 220	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\020458_ts_FH.dgn PLOT DATE : 12-AUG-2015 16:31 PLOT BY : MSCD1S PLOT NAME : 020458_ts_FH1 PLOT SCALE : 15:1

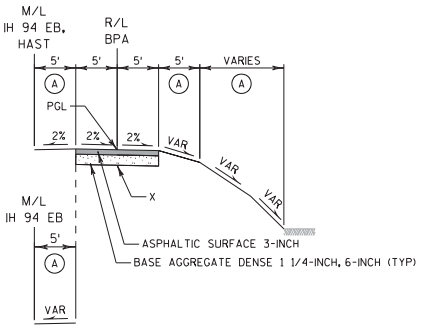
WISDOT/CADDS SHEET 42



TYPICAL FINISHED SECTION

BIKE PATH A

STA 12BPA+77.39 TO STA 13BPA+19.05

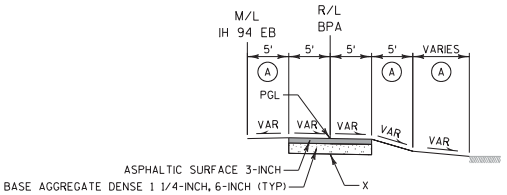


STA 10BPA+25.00 TO STA 10BPA+75.00

TYPICAL FINISHED SECTION

BIKE PATH A

STA 10BPA+25.00 TO STA 12BPA+77.39



TYPICAL FINISHED SECTION

BIKE PATH A

STA 10BPA+10.29 TO STA 10BPA+25.00

NOTES

PGL = POINT REFERRED TO ON PROFILE AND PIVOT POINT FOR SUPERELEVATION
X = POINT REFERRED TO ON CROSS-SECTION
Y = CROWN POINT

LEGEND

(A) FOR SLOPES 3:1 OR FLATTER, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 30 & FERTILIZER TYPE B

FOR SLOPES STEEPER THAN 3:1, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 80 & FERTILIZER TYPE B

(1) FOR ALL SLOPES, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 70A
STA 10BPA+10.29 TO STA 13BPA+19.05

(B) 6" TOPSOIL SPECIAL, SEEDING MIXTURE NATIVE SEED BUTTERFLY MIX & NURSE CROP

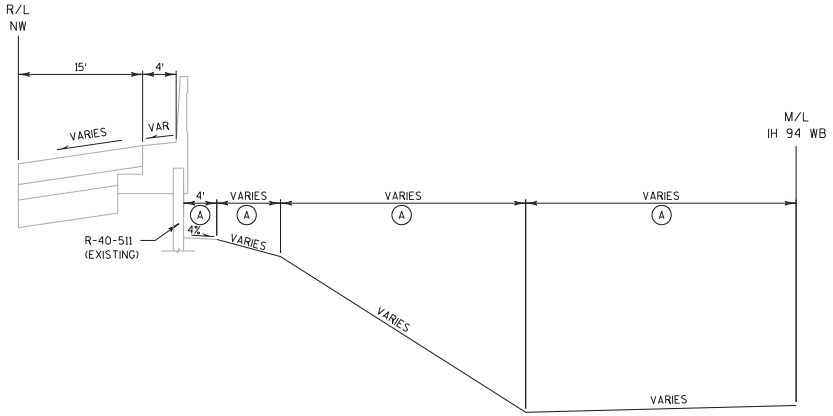
(C) 6" TOPSOIL SPECIAL, SOD LAWN & FERTILIZER TYPE B

NOTE

LOCATIONS OF EROSION MAT ARE SHOWN ON EROSION CONTROL PLANS

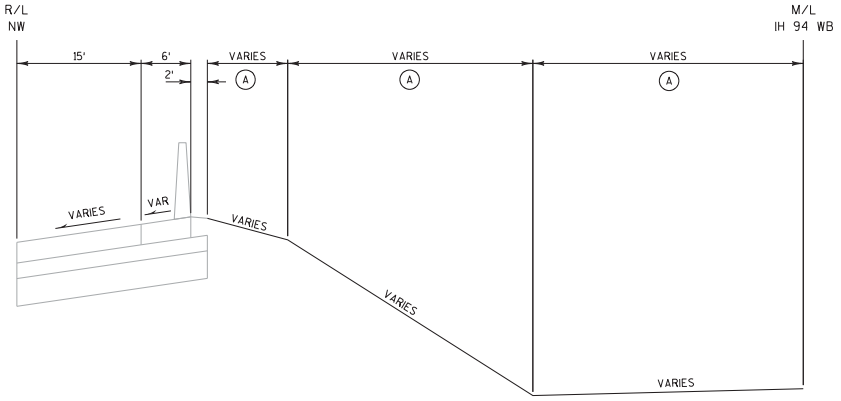
Addendum No. 01
ID 1060-33-81
Revised Sheet 234
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 234	E



TYPICAL FINISHED SECTION
NW INFIELD GRADING

STA 490NW+13.51 TO 491NW+60.45



TYPICAL FINISHED SECTION
NW INFIELD GRADING

STA 484NW+16.48 TO 490NW+13.51

NOTES

PGL = POINT REFERRED TO ON PROFILE AND PIVOT POINT FOR SUPERELEVATION
X = POINT REFERRED TO ON CROSS-SECTION
Y = CROWN POINT

LEGEND

(A) FOR SLOPES 3:1 OR FLATTER, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 30 & FERTILIZER TYPE B

FOR SLOPES STEEPER THAN 3:1, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 80 & FERTILIZER TYPE B

FOR ALL SLOPES, USE 6" TOPSOIL SPECIAL, SEEDING MIXTURE NO. 70A STA 484NW+16.48 TO STA 491NW+60.45 (1)

(B) 6" TOPSOIL SPECIAL, SEEDING MIXTURE NATIVE SEED BUTTERFLY MIX & NURSE CROP

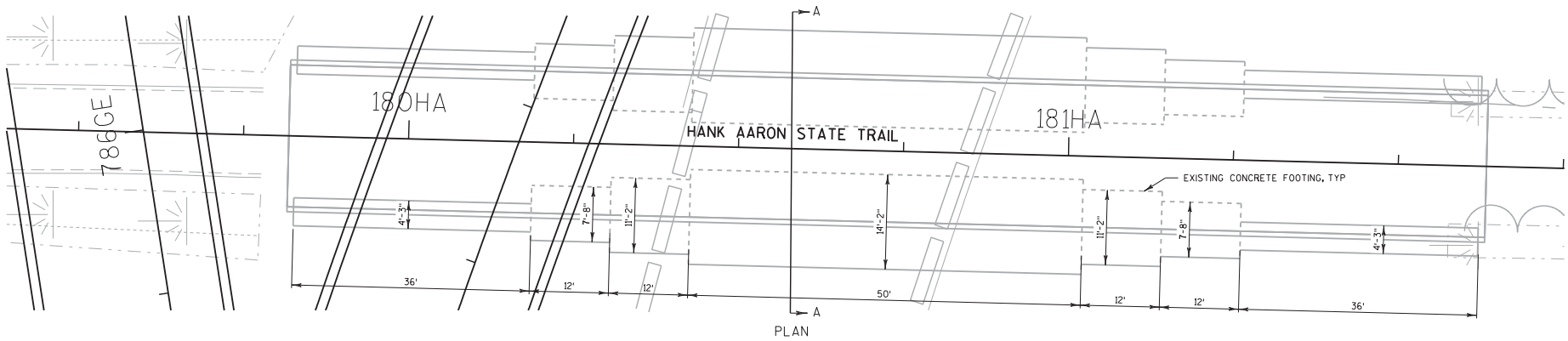
(C) 6" TOPSOIL SPECIAL, SOD LAWN & FERTILIZER TYPE B

NOTE

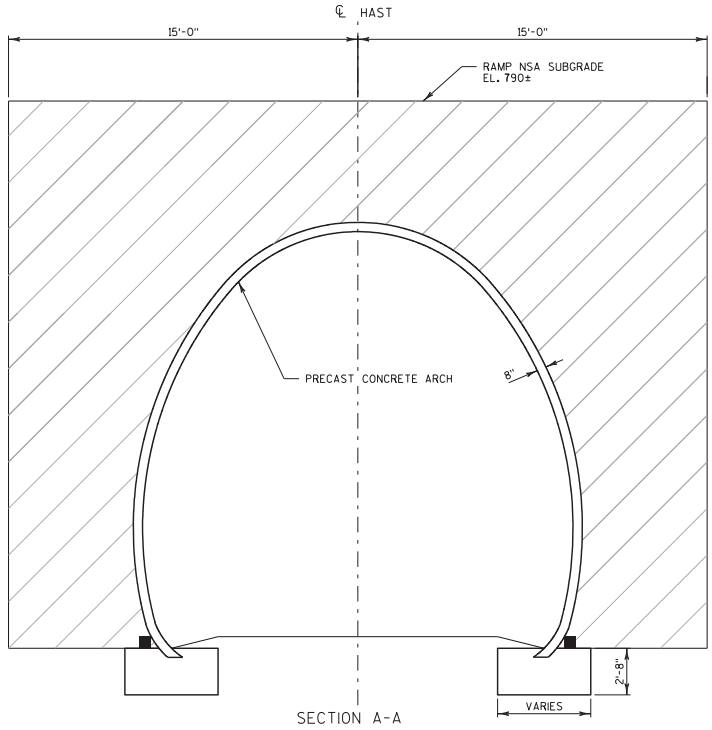
LOCATIONS OF EROSION MAT ARE SHOWN ON EROSION CONTROL PLANS

Addendum No. 01
ID 1060-33-81
Revised Sheet 272
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 272	E



PLAN



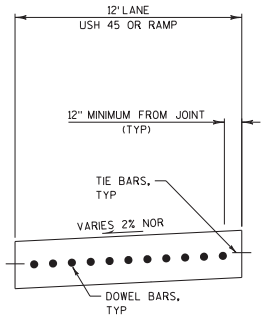
SECTION A-A

TEMPORARY UNDERPASS TO BE REMOVED

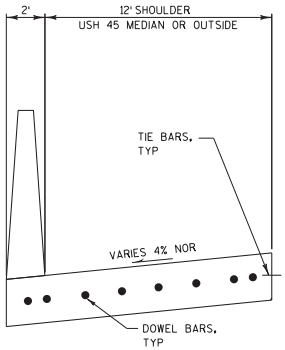
REMOVING OLD STRUCTURE 786GE+00 (1)

Addendum No. 01
ID 1060-33-81
Revised Sheet 317
August 17, 2015

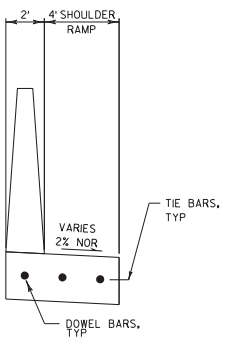
PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 317	E



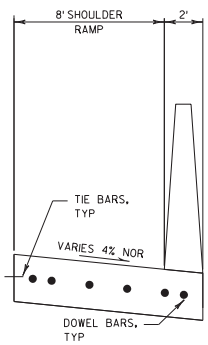
ELEVATION VIEW



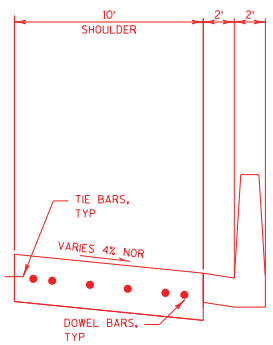
ELEVATION VIEW



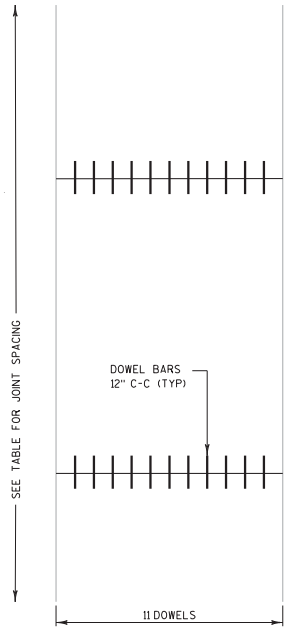
ELEVATION VIEW



ELEVATION VIEW

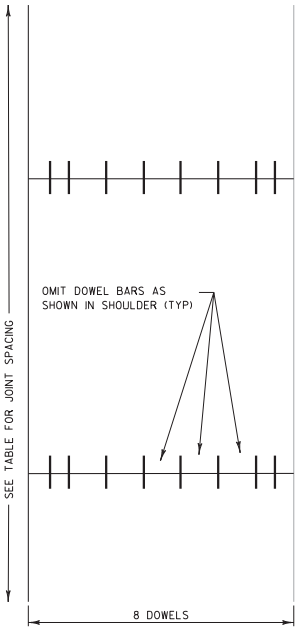


ELEVATION VIEW



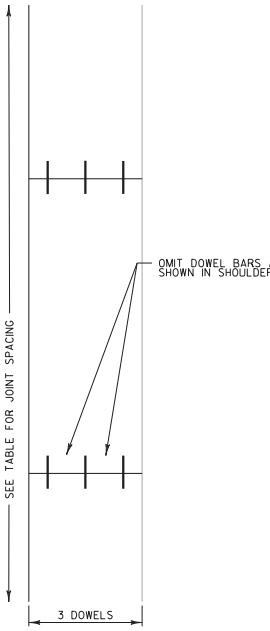
PLAN VIEW

HPC PAVEMENT JOINT DETAIL
12-FT LANE



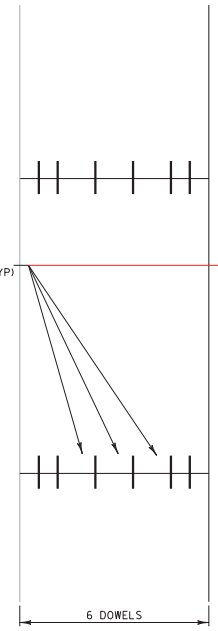
PLAN VIEW

HPC PAVEMENT JOINT DETAIL
12-FT SHOULDER



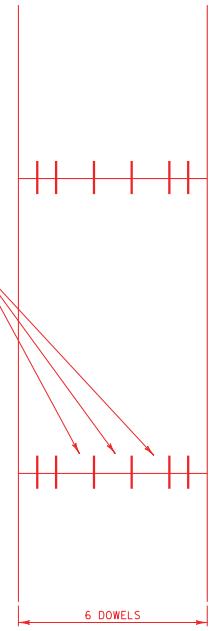
PLAN VIEW

HPC PAVEMENT JOINT DETAIL
4-FT SHOULDER



PLAN VIEW

HPC PAVEMENT JOINT DETAIL
8-FT SHOULDER



PLAN VIEW

HPC PAVEMENT JOINT DETAIL
10-FT SHOULDER

1

Addendum No. 01
ID 1060-33-81
Revised Sheet 329
August 17, 2015

NOTES

1) ALL DRIVING LANES TO HAVE DOWEL BARS SPACED 12 INCHES FROM CENTER TO CENTER.

2) DETAILS NOT SHOWN SHALL CONFORM TO STANDARD DETAIL DRAWINGS.

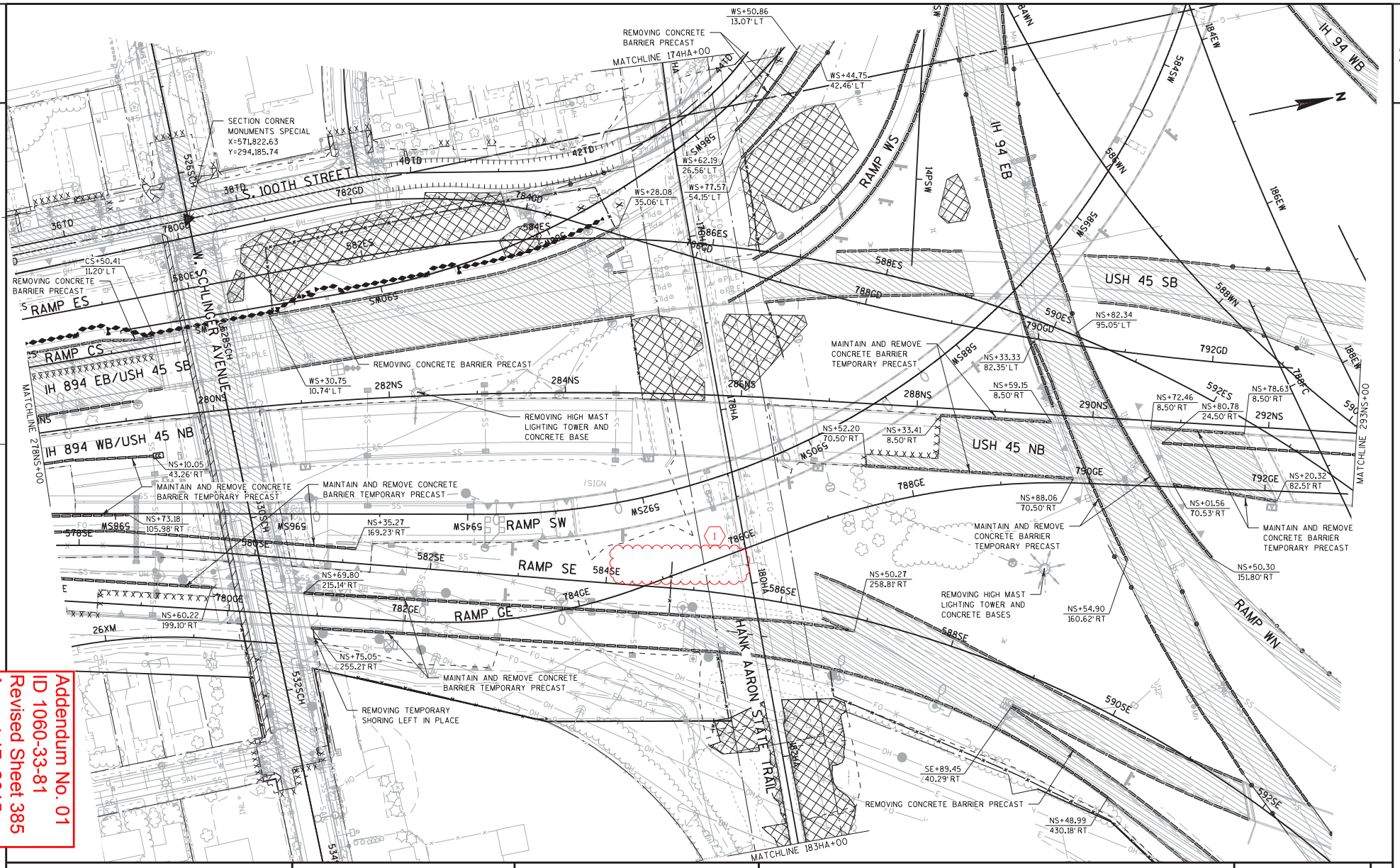
3) LOCATE OUTER MOST DOWEL BAR SO THAT THE CENTER OF THE BAR IS 12 INCHES FROM THE EDGE OF PAVEMENT OR LONGITUDINAL JOINT.

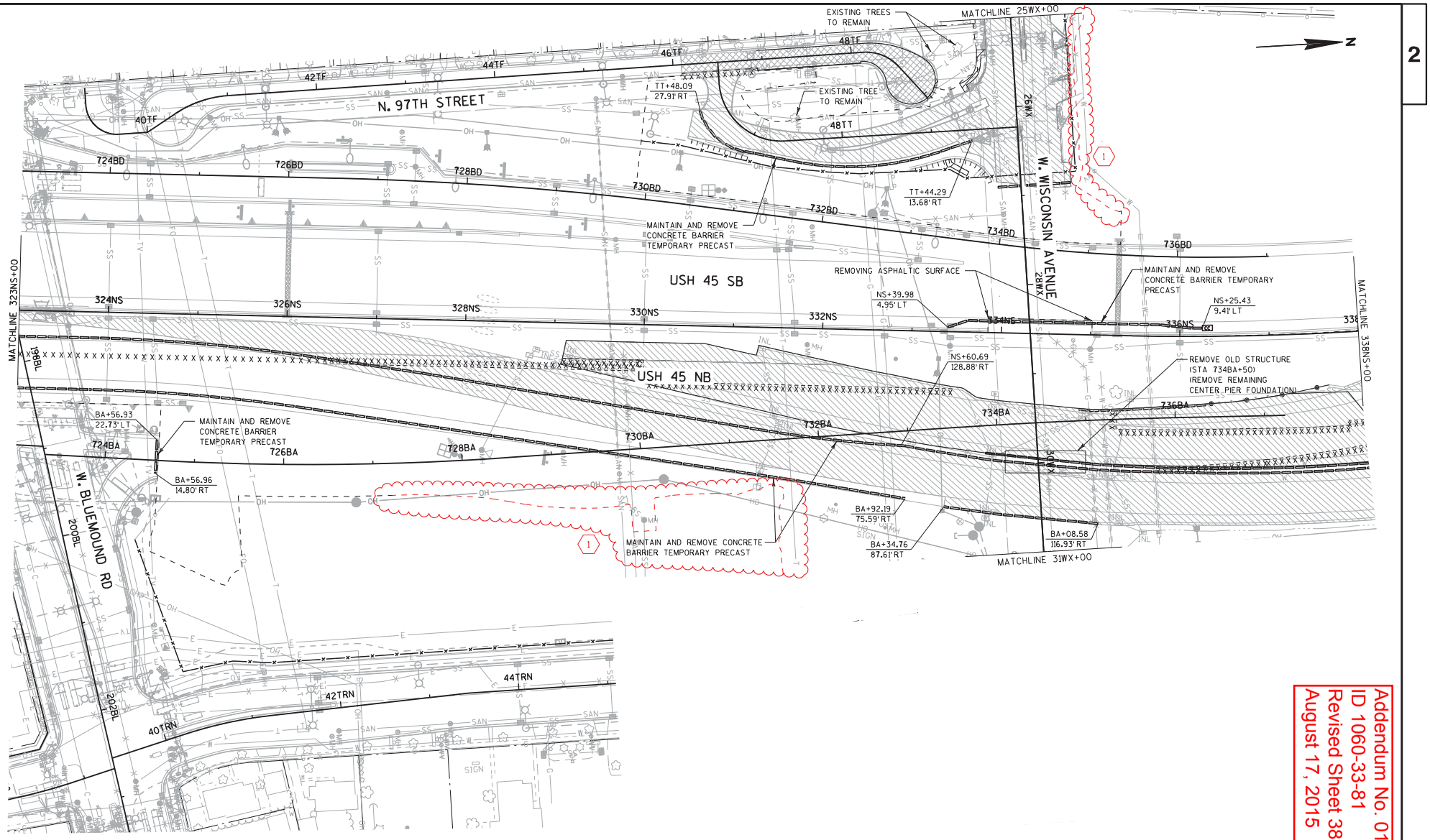
4) TREAT SAWED SURFACES OF TRANSVERSE AND LONGITUDINAL JOINTS WITH SILANE SEALANT.

PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
12"	1 1/2"	15'

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 329	E

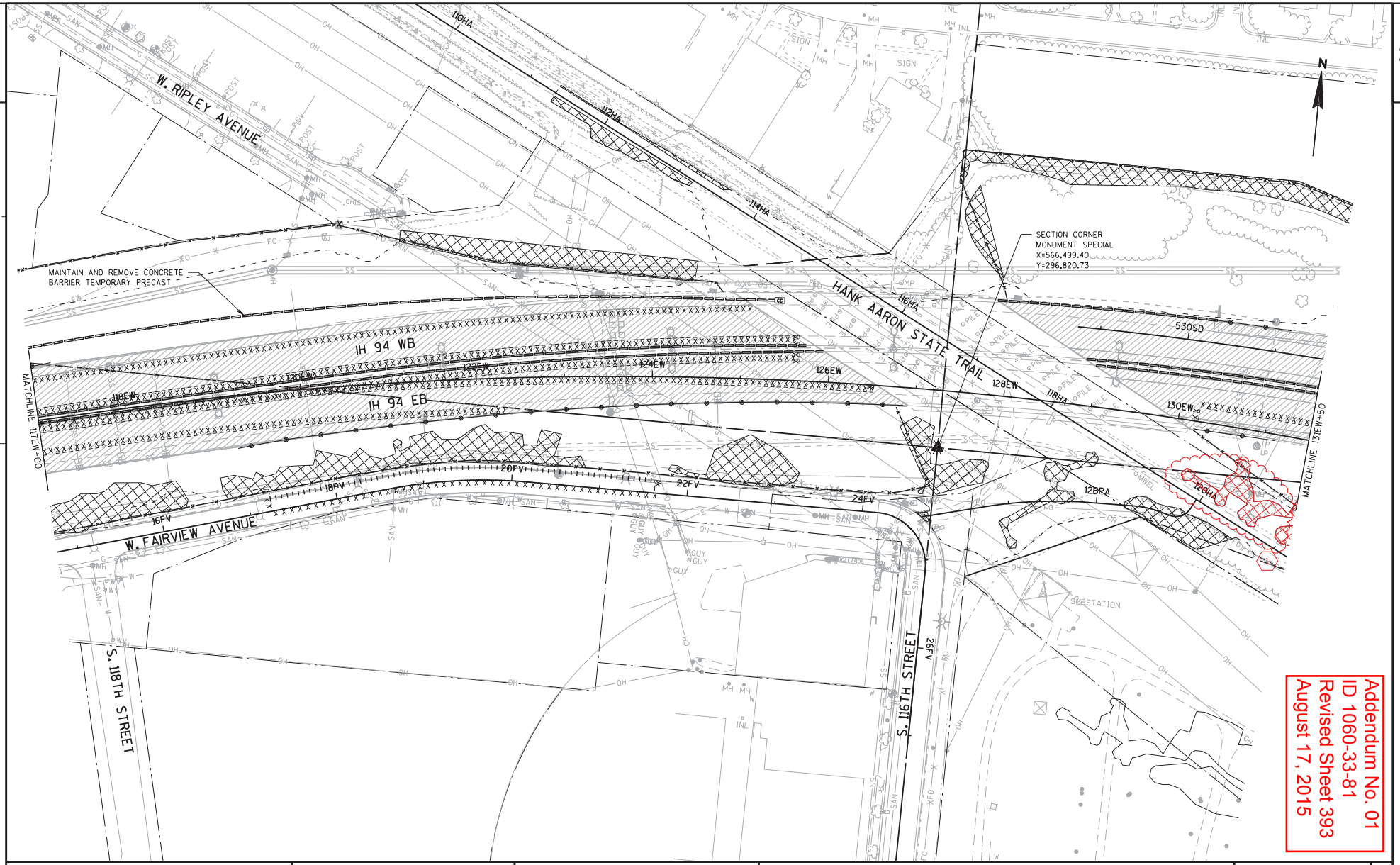

2
2
IH 94 WB
IH 94 EB
USH 45 SB
USH 45 NB
RAMP WS
RAMP SW
RAMP SE
RAMP GE
RAMP WN
RAMP ES
RAMP CS
IH 894 EB/USH 45 SB
IH 894 WB/USH 45 NB
S. 100TH STREET
W. SCHLINGER AVENUE
HANK AARON STATE TRAIL
MATCHLINE 174HA+00
MATCHLINE 178NS+00
MATCHLINE 183HA+00
MATCHLINE 293NS+00
SECTION CORNER MONUMENTS SPECIAL X=571,822.63 Y=294,185.74
REMOVING CONCRETE BARRIER PRECAST
REMOVING HIGH MAST LIGHTING TOWER AND CONCRETE BASE
REMOVING HIGH MAST LIGHTING TOWER AND CONCRETE BASES
MAINTAIN AND REMOVE CONCRETE BARRIER TEMPORARY PRECAST
REMOVING TEMPORARY SHORING LEFT IN PLACE
WS+50.86 13.07' LT
WS+44.75 42.46' LT
WS+62.19 26.56' LT
WS+77.57 54.15' LT
WS+28.08 35.06' LT
WS+30.75 10.74' LT
CS+50.41 11.20' LT
NS+10.05 43.26' RT
NS+73.18 105.98' RT
NS+35.27 169.23' RT
NS+69.80 215.14' RT
NS+60.22 199.10' RT
NS+75.05 255.21' RT
NS+82.34 95.05' LT
NS+33.33 82.35' LT
NS+59.15 8.50' RT
NS+52.20 70.50' RT
NS+33.41 8.50' RT
NS+72.46 8.50' RT
NS+78.63 8.50' RT
NS+80.78 24.50' RT
NS+20.32 82.51' RT
NS+88.06 70.50' RT
NS+01.56 70.53' RT
NS+50.30 151.80' RT
NS+50.27 258.81' RT
NS+54.90 160.62' RT
SE+89.45 40.29' RT
NS+48.99 430.18' RT
Addendum No. 01
ID 1060-33-81
Revised Sheet 385
August 17, 2015
PROJECT NO: 1060-33-81
HWY: IH 894/IH 94/USH 45
COUNTY: MILWAUKEE
REMOVAL PLANS
SHEET 385
E
FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\021107_rm.dgn
PLOT DATE : 10-AUG-2015 14:17
PLOT BY : MSCD1S
PLOT NAME : 021107_rm
PLOT SCALE : 100:1
WISDOT/CADDS SHEET 42



Addendum No. 01
ID 1060-33-81
Revised Sheet 388
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 388	E

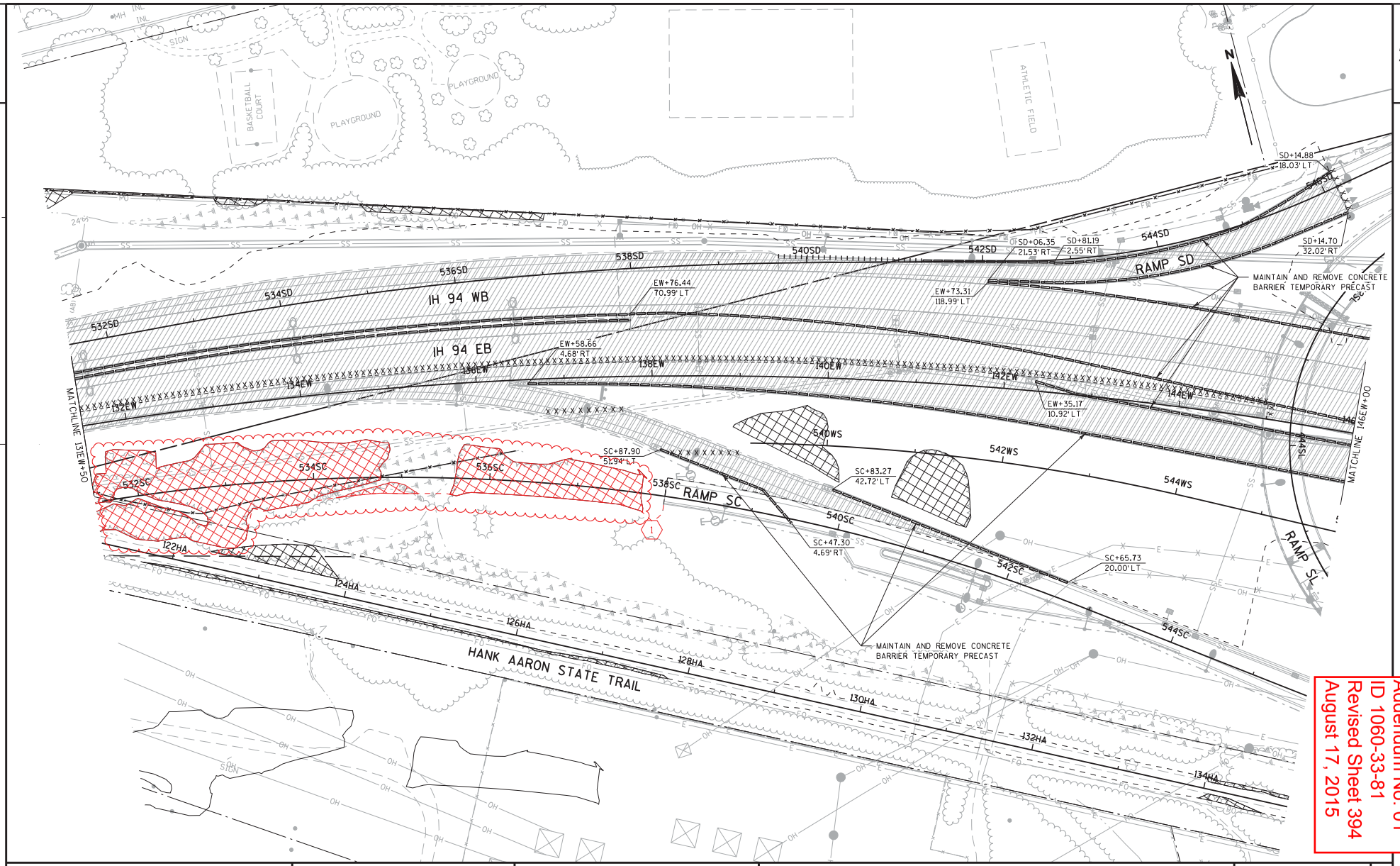
FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\021110_rm.dgn PLOT DATE : 12-AUG-2015 17:45 PLOT BY : MSCDMY PLOT NAME : 021110_rm PLOT SCALE : 100:1



Addendum No. 01
ID 1060-33-81
Revised Sheet 393
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 393	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\021115_rm.dgn PLOT DATE : 12-AUG-2015 12:22 PLOT BY : MSCD1S PLOT NAME : 021115_rm PLOT SCALE : 100:1

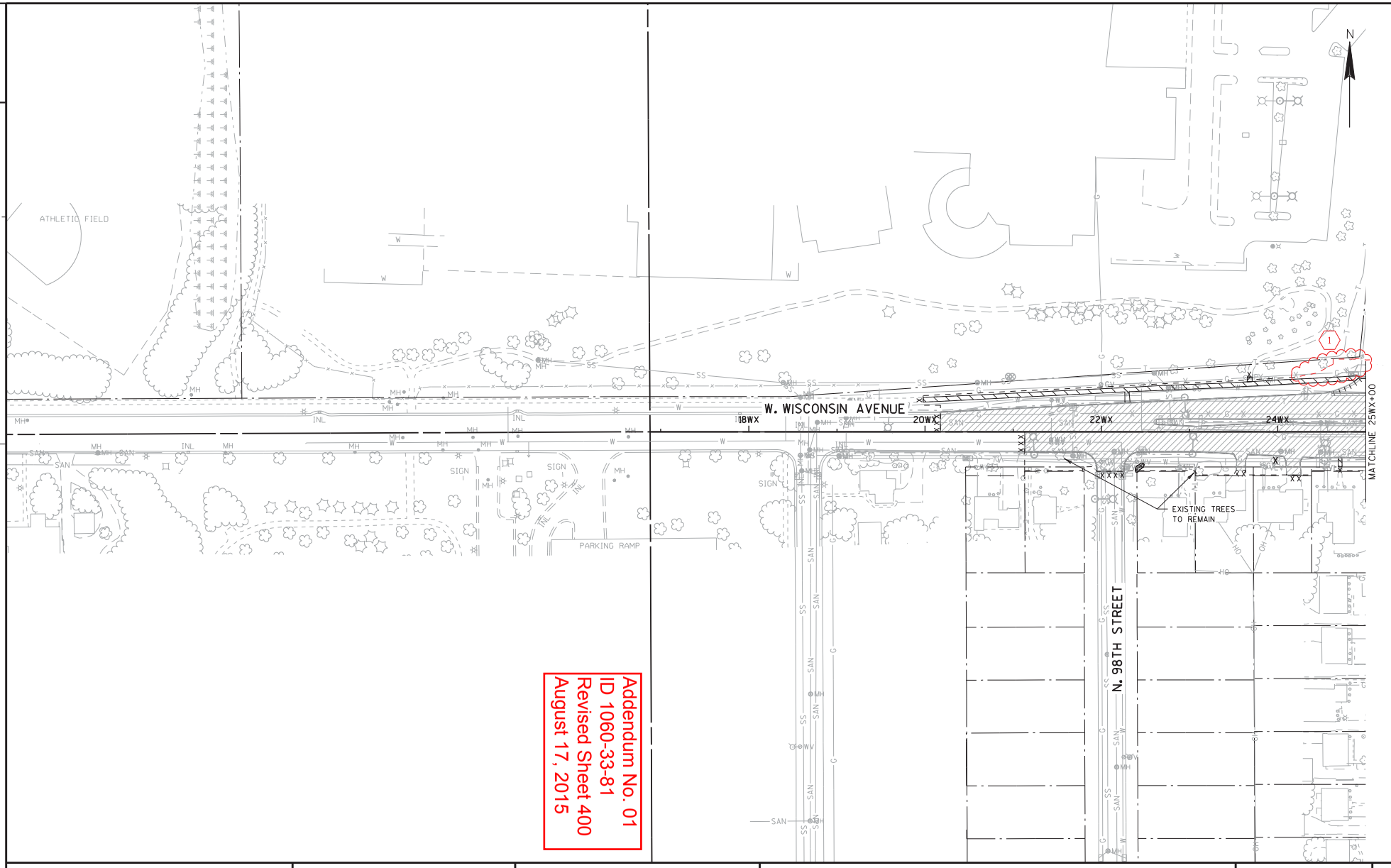


Addendum No. 01
ID 1060-33-81
Revised Sheet 394
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 394	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\021116_rm.dgn PLOT DATE : 12-AUG-2015 12:25 PLOT BY : MSCD1S PLOT NAME : 021116_rm PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

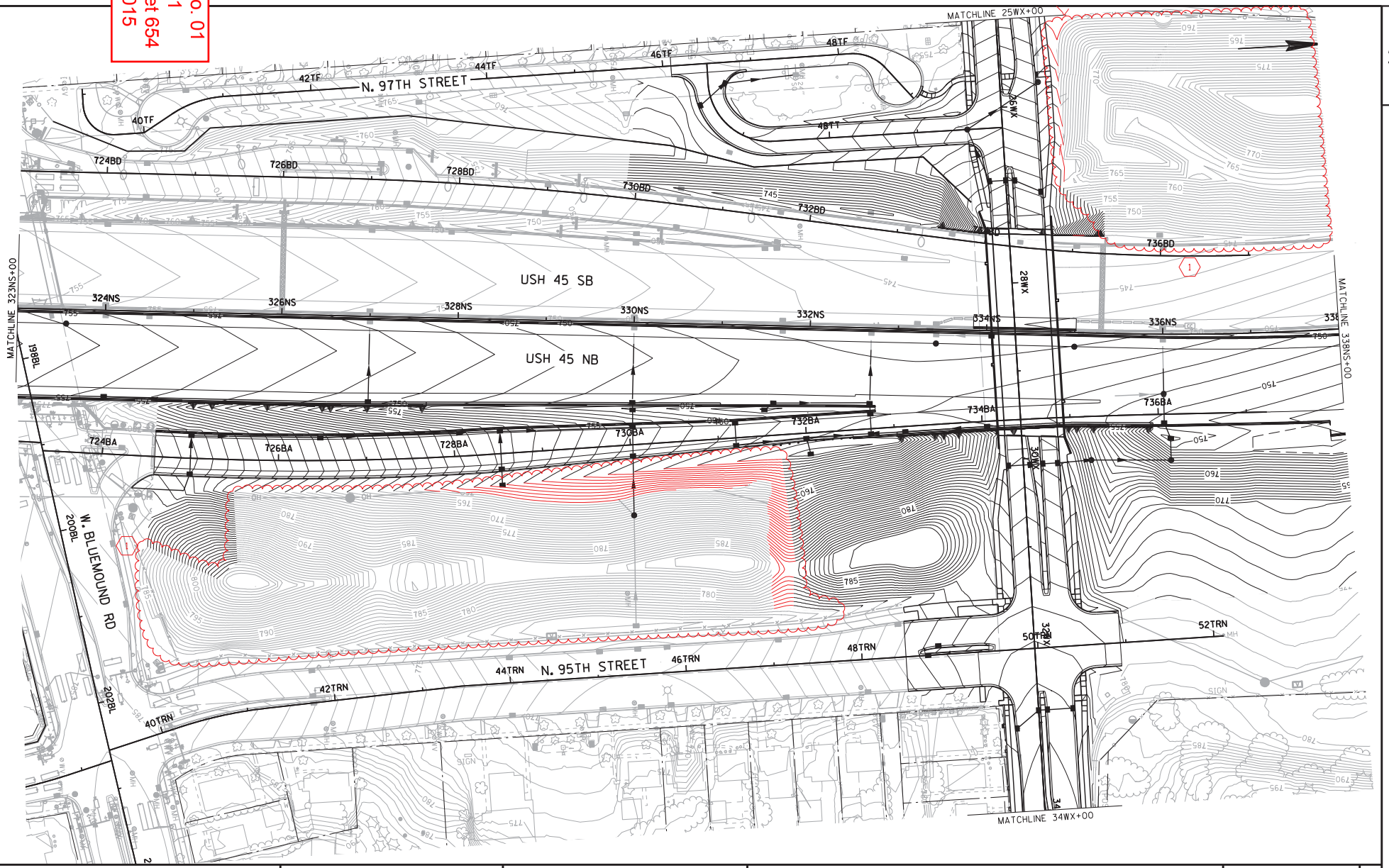


PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 400	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\021122_rm.dgn PLOT DATE : 12-AUG-2015 17:49 PLOT BY : MSCDMY PLOT NAME : 021122_rm PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

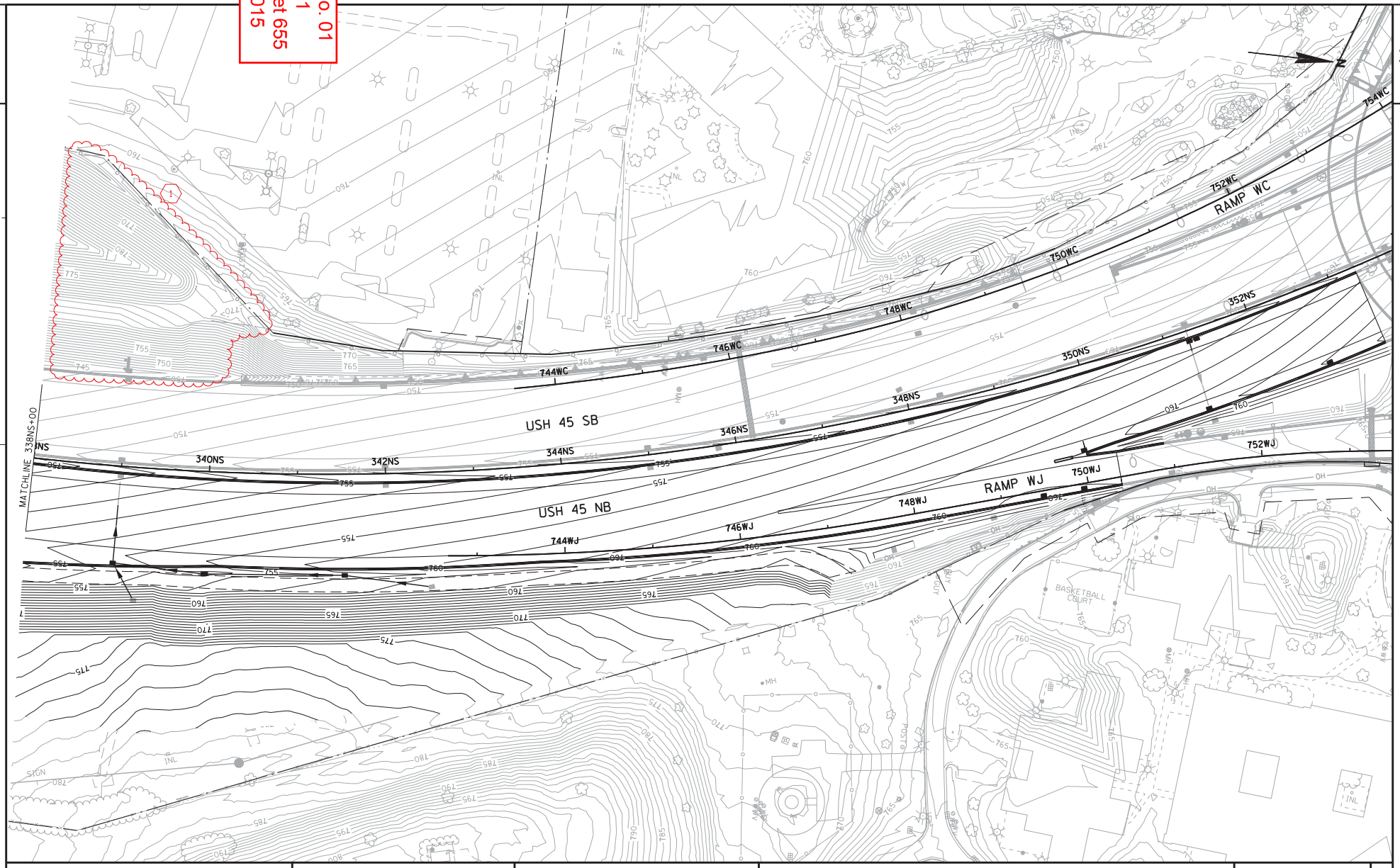
Addendum No. 01
ID 1060-33-81
Revised Sheet 654
August 17, 2015



PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CONTOUR MAP	SHEET 654	E

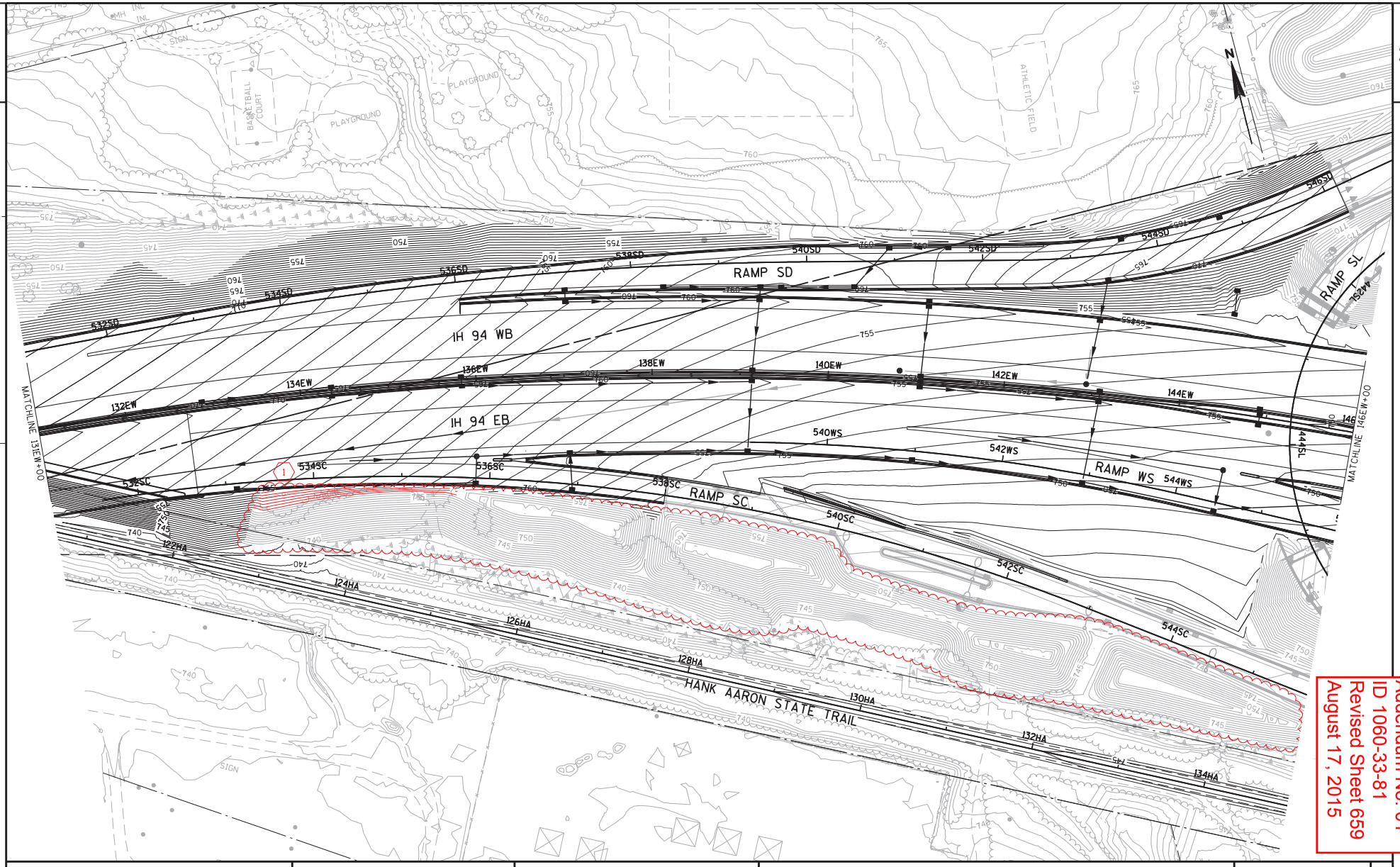
FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\021610_cm.dgn PLOT DATE : 13-AUG-2015 14:04 PLOT BY : MSCDMY PLOT NAME : 021610_cm PLOT SCALE : 100:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 655
August 17, 2015



PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CONTOUR MAP	SHEET 655	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\021611_cm.dgn PLOT DATE : 13-AUG-2015 14:04 PLOT BY : MSCDMY PLOT NAME : 021611_cm PLOT SCALE : 100:1

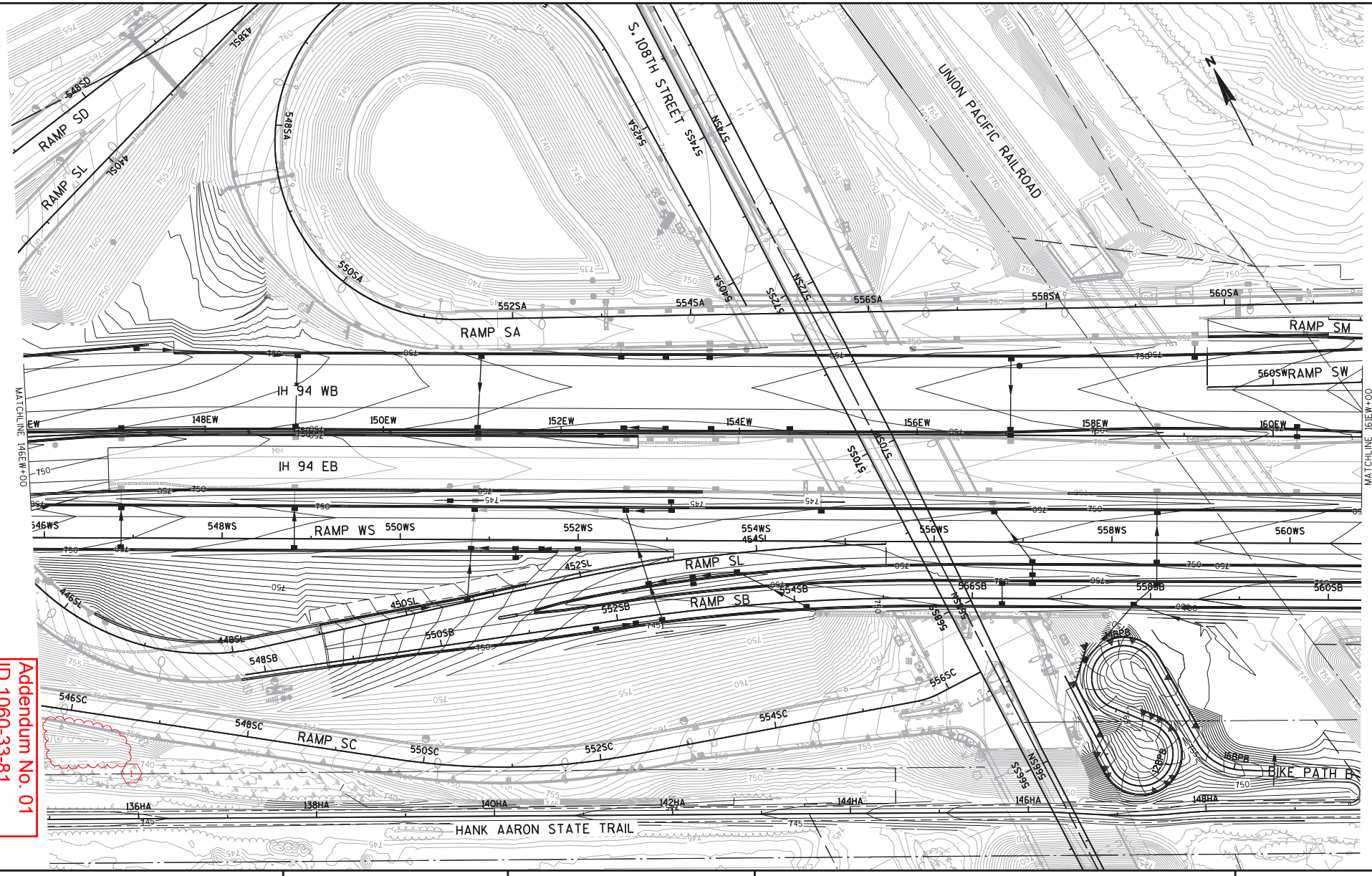


Addendum No. 01
ID 1060-33-81
Revised Sheet 659
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CONTOUR MAP	SHEET 659	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\021615_cm.dgn PLOT DATE : 13-AUG-2015 14:04 PLOT BY : MSCDMY PLOT NAME : 021615_cm PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42



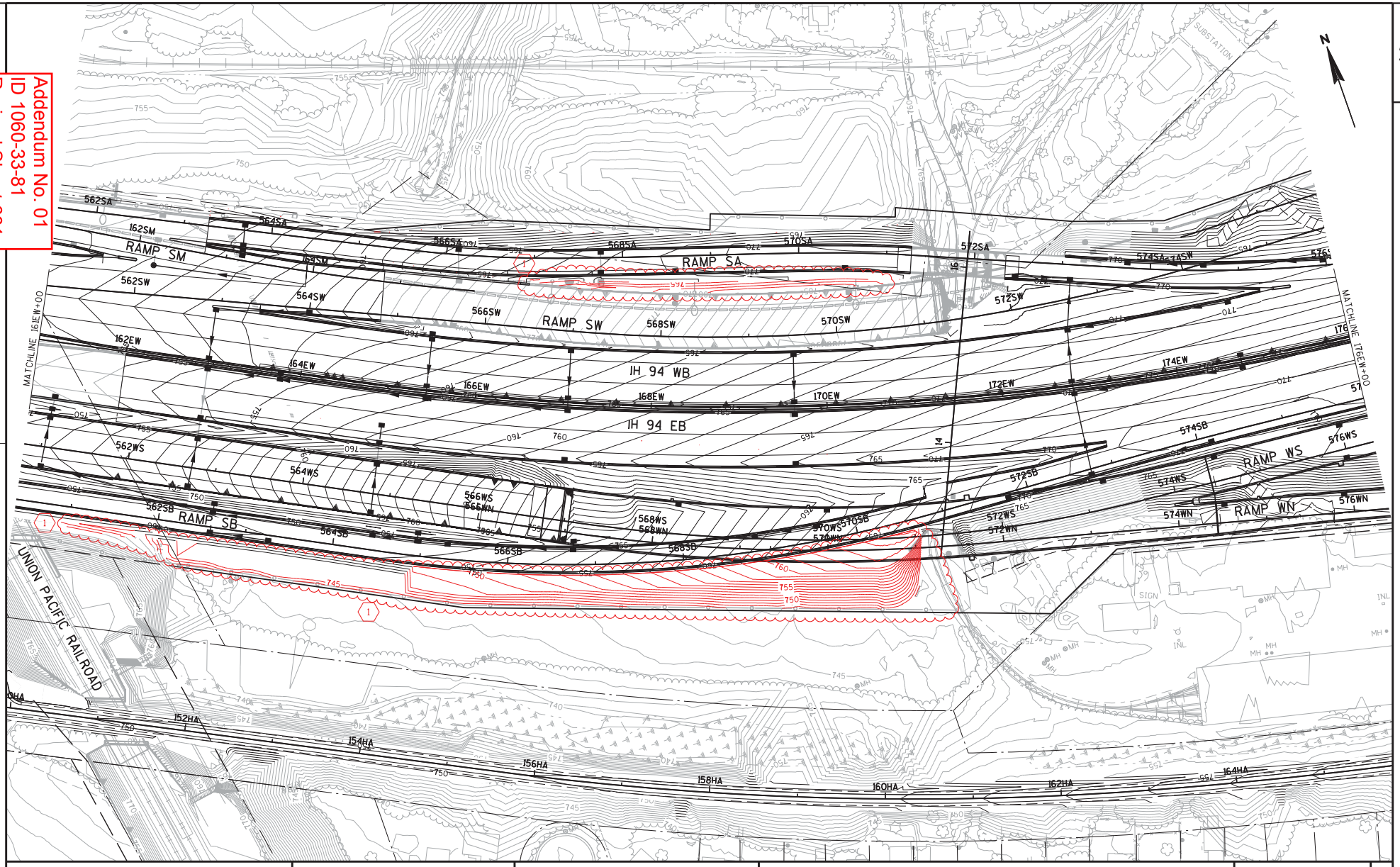
Addendum No. 01
ID 1060-33-81
Revised Sheet 660
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CONTOUR MAP	SHEET 660	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\021616_cm.dgn PLOT DATE : 13-AUG-2015 14:04 PLOT BY : MSCDMY PLOT NAME : 021616_cm PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

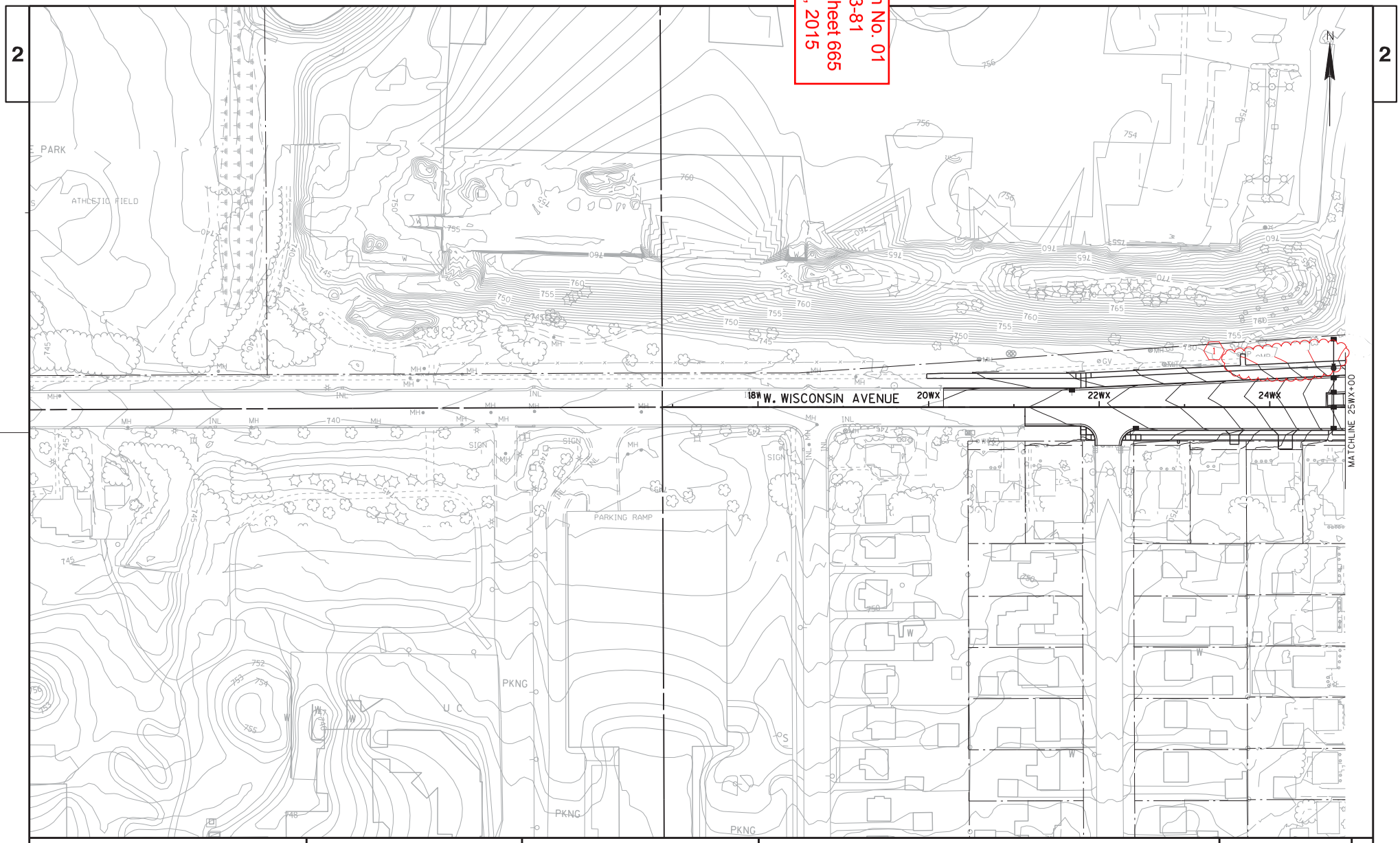
Addendum No. 01
ID 1060-33-81
Revised Sheet 661
August 17, 2015



PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CONTOUR MAP	SHEET 661	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\021617_cm.dgn PLOT DATE : 12-AUG-2015 16:11 PLOT BY : mscgz1 PLOT NAME : 021617_cm PLOT SCALE : 100:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 665
August 17, 2015



PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CONTOUR MAP	SHEET 665	E

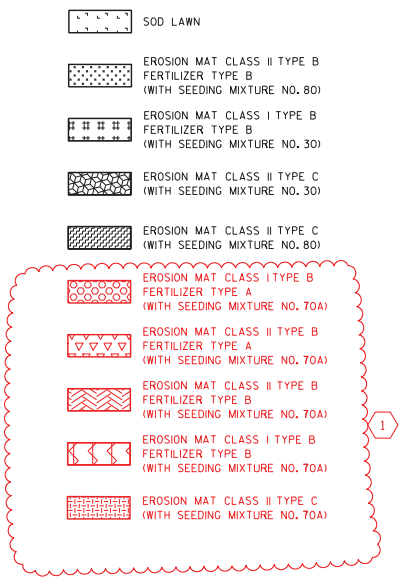
FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\021622_cm.dgn PLOT DATE : 13-AUG-2015 14:13 PLOT BY : MSCDMY PLOT NAME : 021622_cm PLOT SCALE : 100:1

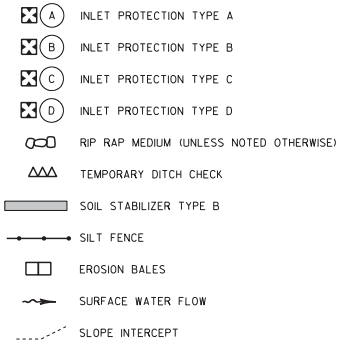
WISDOT/CADDS SHEET 42

2

2

LEGEND





NOTES

PLACE INLET PROTECTION TYPE A AT ALL NEW INLET LOCATIONS DURING GRADING STAGES.

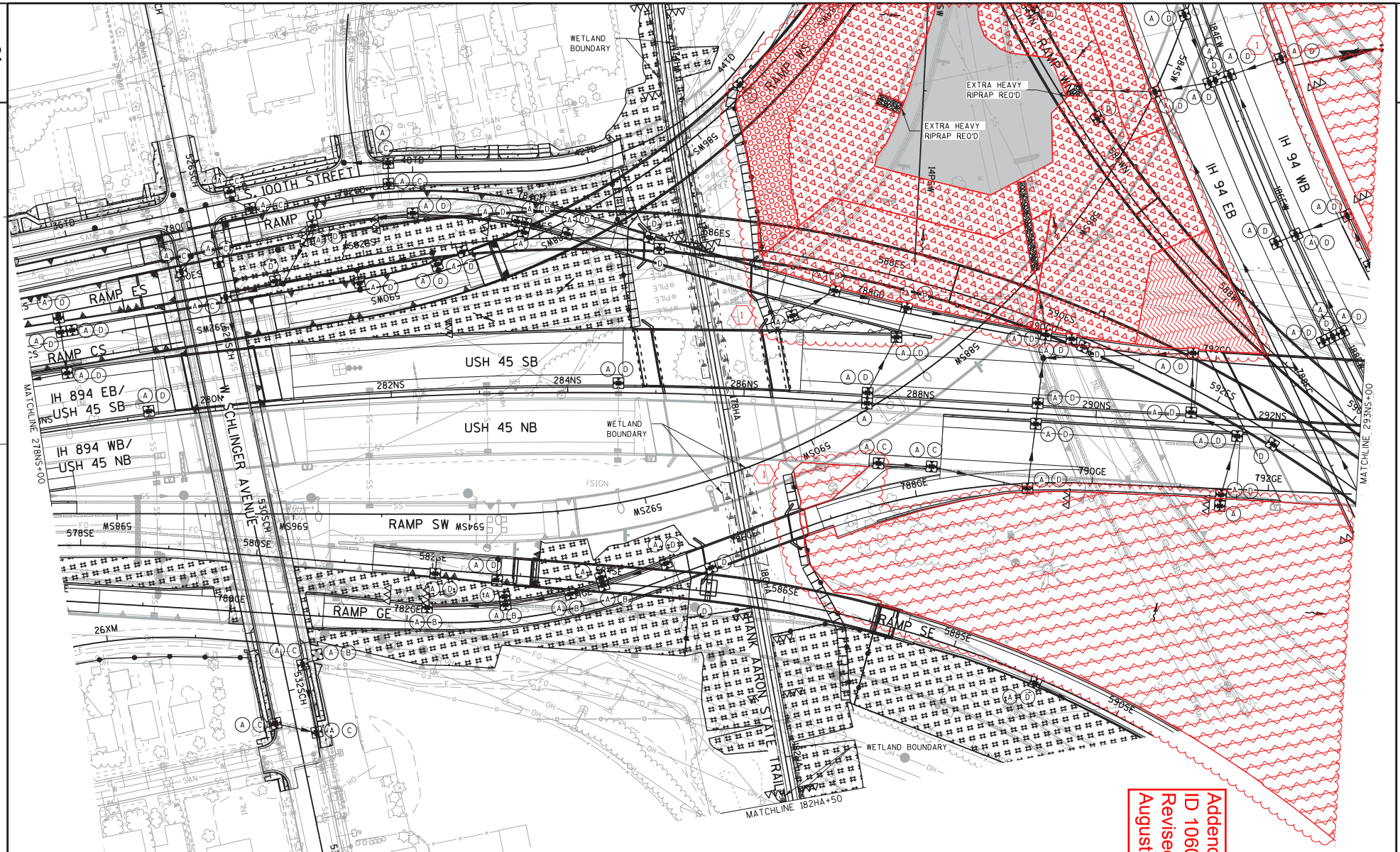
PLACE INLET PROTECTION TYPE B, C, OR D UNDER INLET COVERS LOCATED IN CURB AND GUTTER UNTIL COMPLETION OF THE PROJECT.

DO NOT STORE MATERIALS OR OPERATE EQUIPMENT WITHIN THE WETLAND LIMITS OUTSIDE THE SLOPE INTERCEPTS.

Addendum No. 01
ID 1060-33-81
Revised Sheet 685
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 685	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\022000_ec.dgn PLOT DATE : 12-AUG-2015 16:32 PLOT BY : mscgz1 PLOT NAME : 022000_ec PLOT SCALE : 100:1



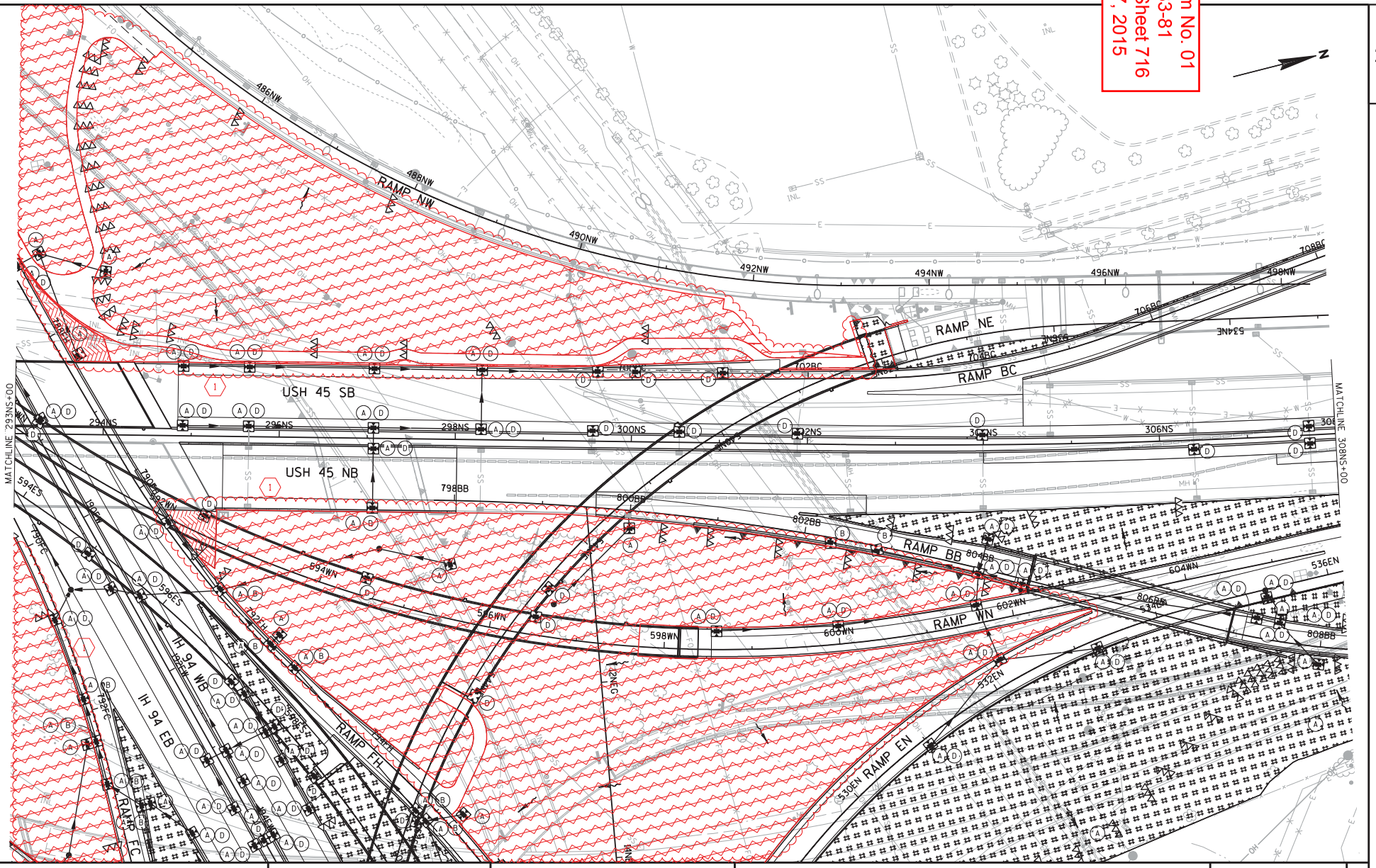
Addendum No. 01
ID 1060-33-81
Revised Sheet 715
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 715	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\022036_ec.dgn PLOT DATE : 12-AUG-2015 17:47 PLOT BY : mscgzl PLOT NAME : 022036_ec PLOT S

WISDOT/CADDS SHEET 42

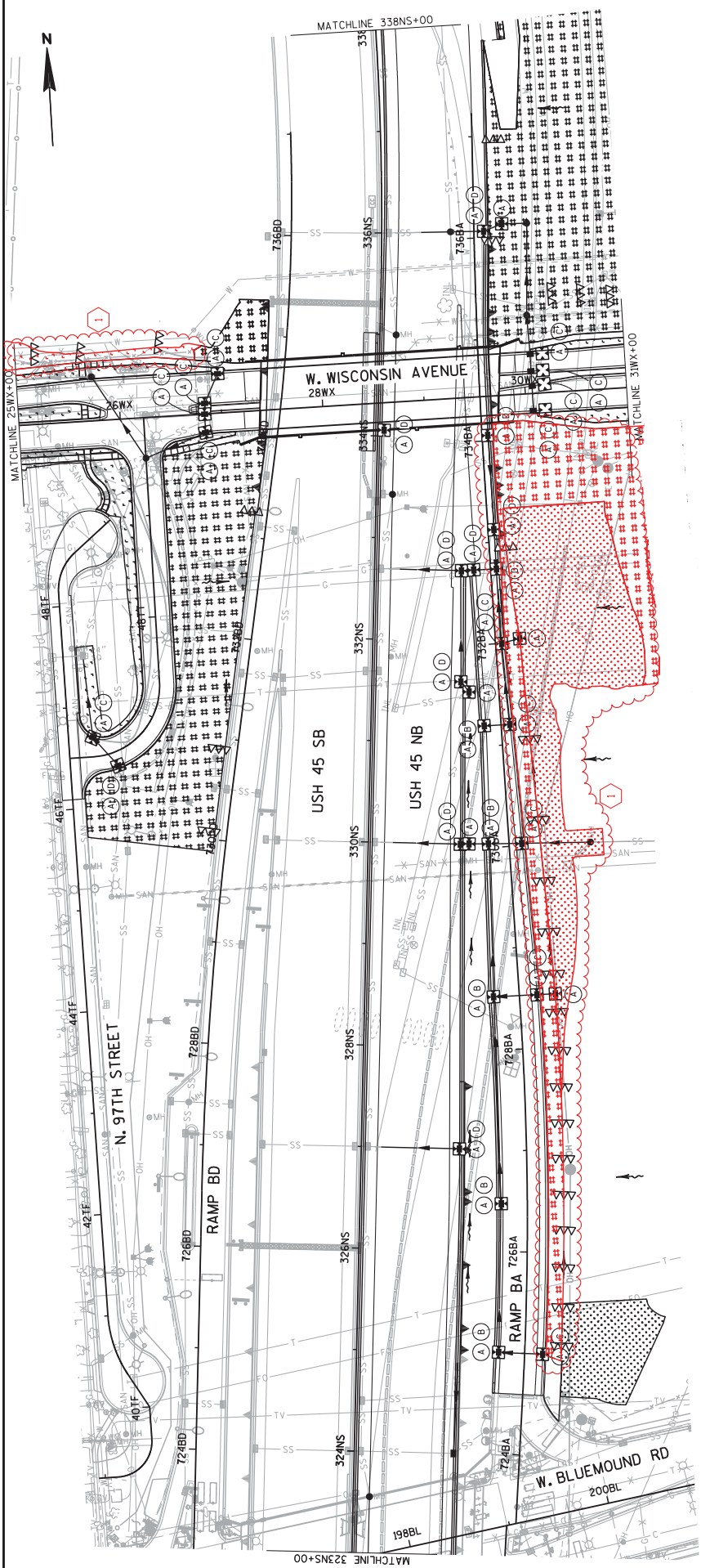
Addendum No. 01
ID 1060-33-81
Revised Sheet 716
August 17, 2015



PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 716	E

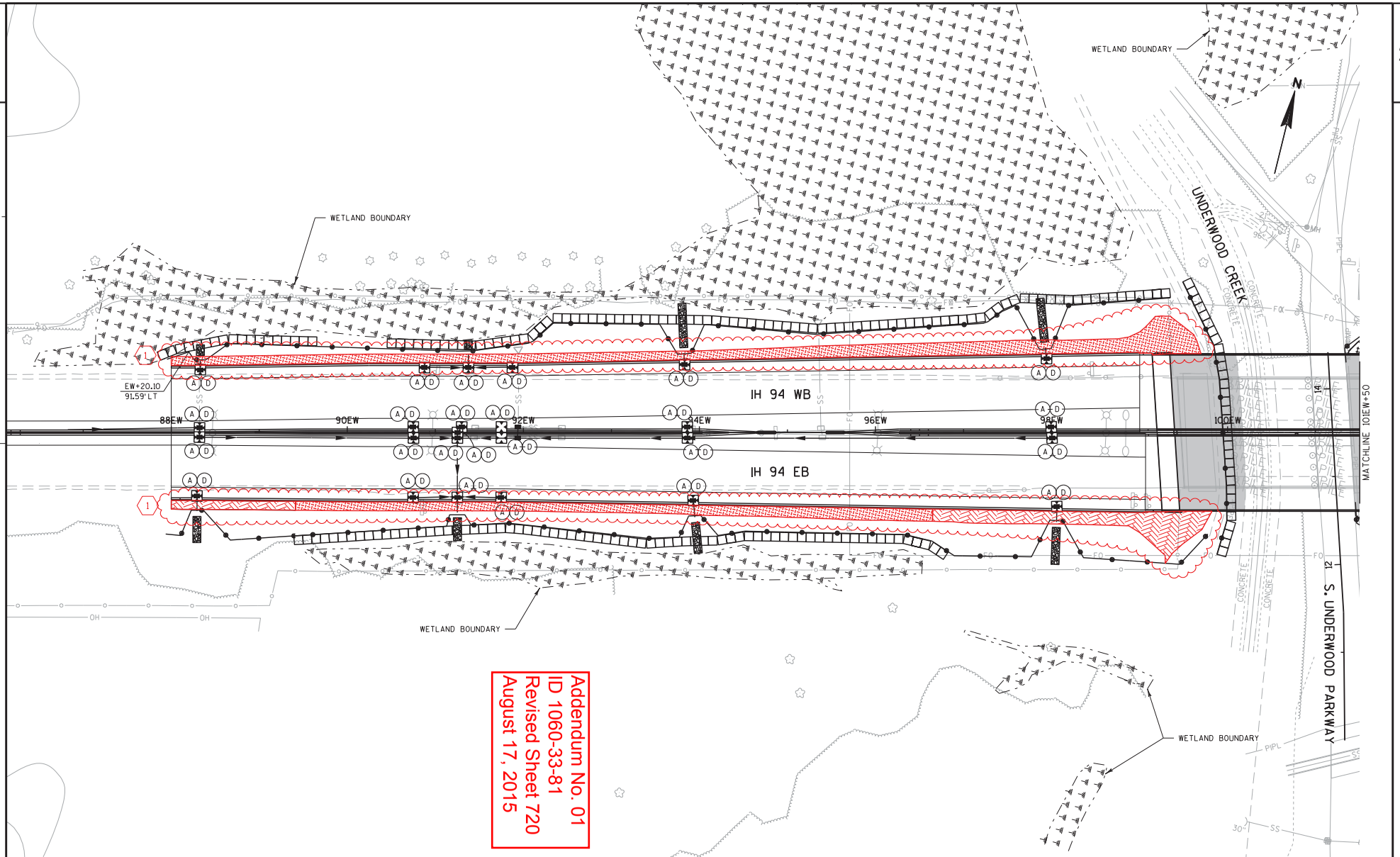
FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\022037_ec.dgn PLOT DATE : 12-AUG-2015 17:49 PLOT BY : mscgzl PLOT NAME : 022037_ec PLOT SCALE : 100:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 718
August 17, 2015



PROJECT NO:1060-33-81 | HWY:IH 894/IH 94/USH 45 | COUNTY:MILWAUKEE | EROSION CONTROL | SHEET 718 | E

FILE NAME : W:\CaddFiles\10603381.ZZ\Roads\cds\022039_ec.dgn
PLOT DATE : 12-AUG-2015 18:00 PLOT BY : MSCDMY PLOT NAME : 022039_ec PLOT SCALE : 100:1
WISDOT/CADDS SHEET 42



Addendum No. 01
ID 1060-33-81
Revised Sheet 720
August 17, 2015

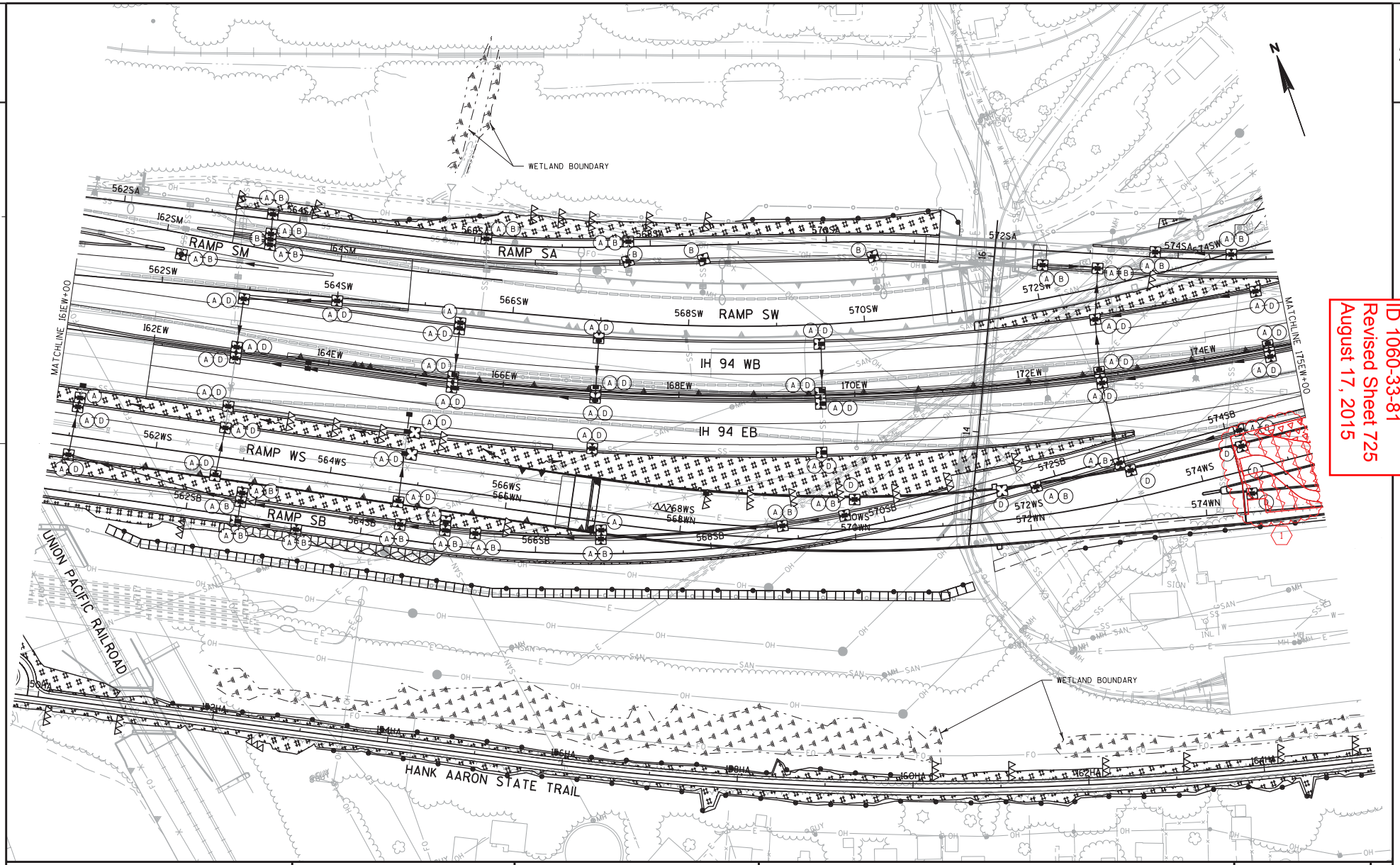
PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 720	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\022041_ec.dgn PLOT DATE : 12-AUG-2015 15:02 PLOT BY : mscgzl PLOT NAME : 022041_ec PLOT SCALE : 100:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 722
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 722	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\022043_ec.dgn PLOT DATE : 12-AUG-2015 15:02 PLOT BY : mscgzl PLOT NAME : 022043_ec PLOT SCALE : 100:1



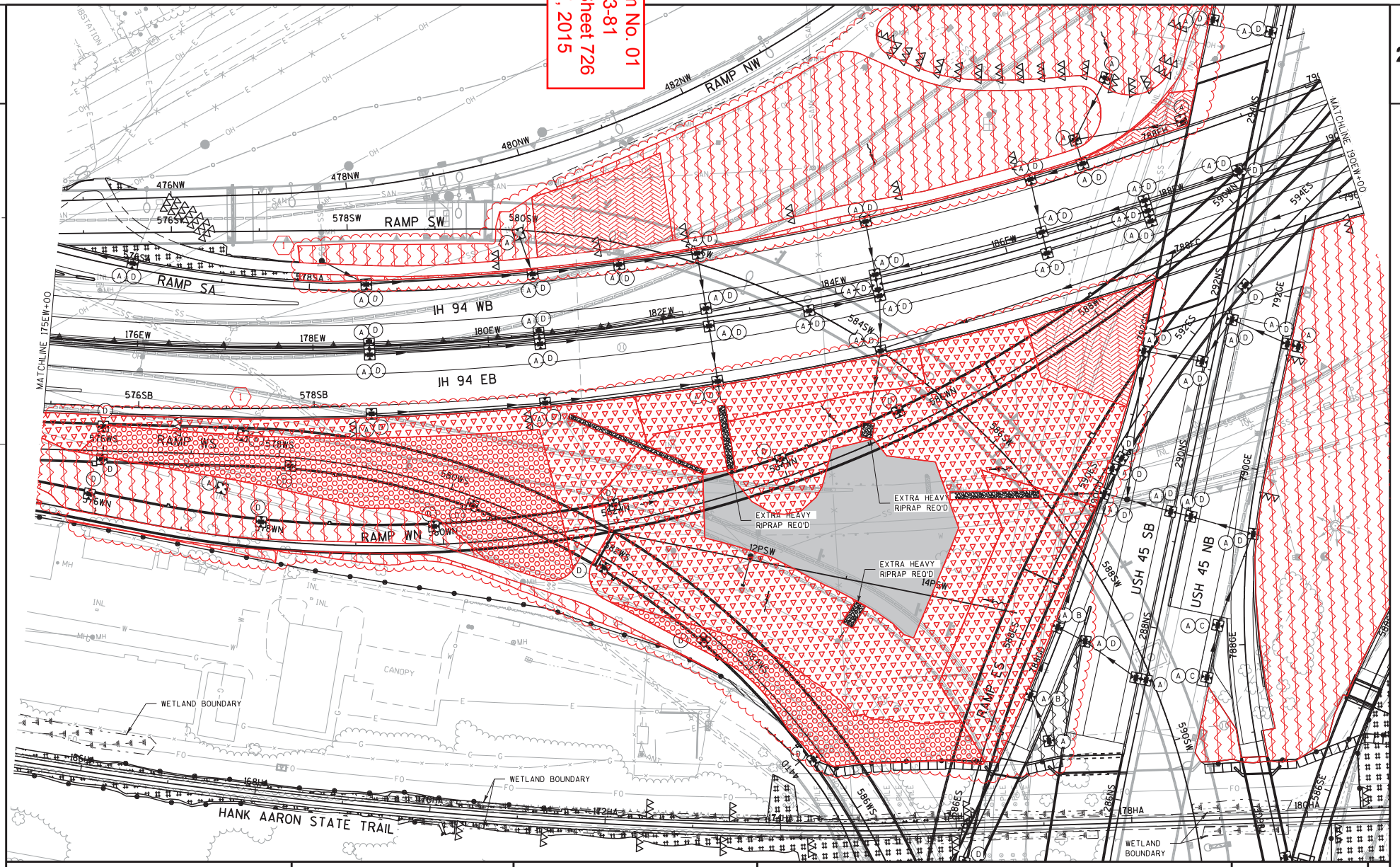
Addendum No. 01
ID 1060-33-81
Revised Sheet 725
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 725	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\022046_ec.dgn PLOT DATE : 12-AUG-2015 17:51 PLOT BY : mscgzl PLOT NAME : 022046_ec PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

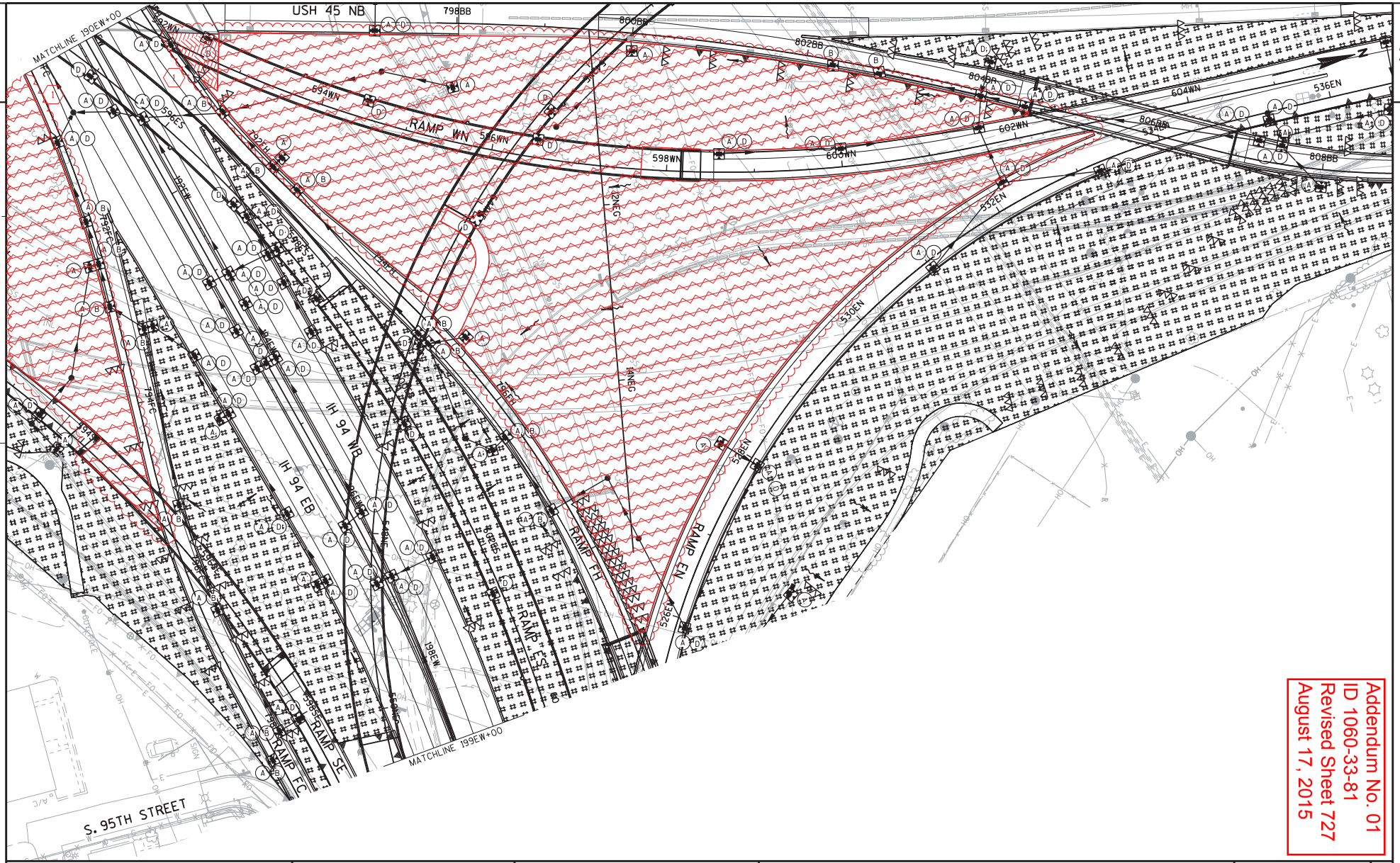
Addendum No. 01
ID 1060-33-81
Revised Sheet 726
August 17, 2015



PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 726	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\022047_ec.dgn PLOT DATE : 12-AUG-2015 17:54 PLOT BY : mscgzl PLOT NAME : 022047_ec PLOT SCALE : 100:1

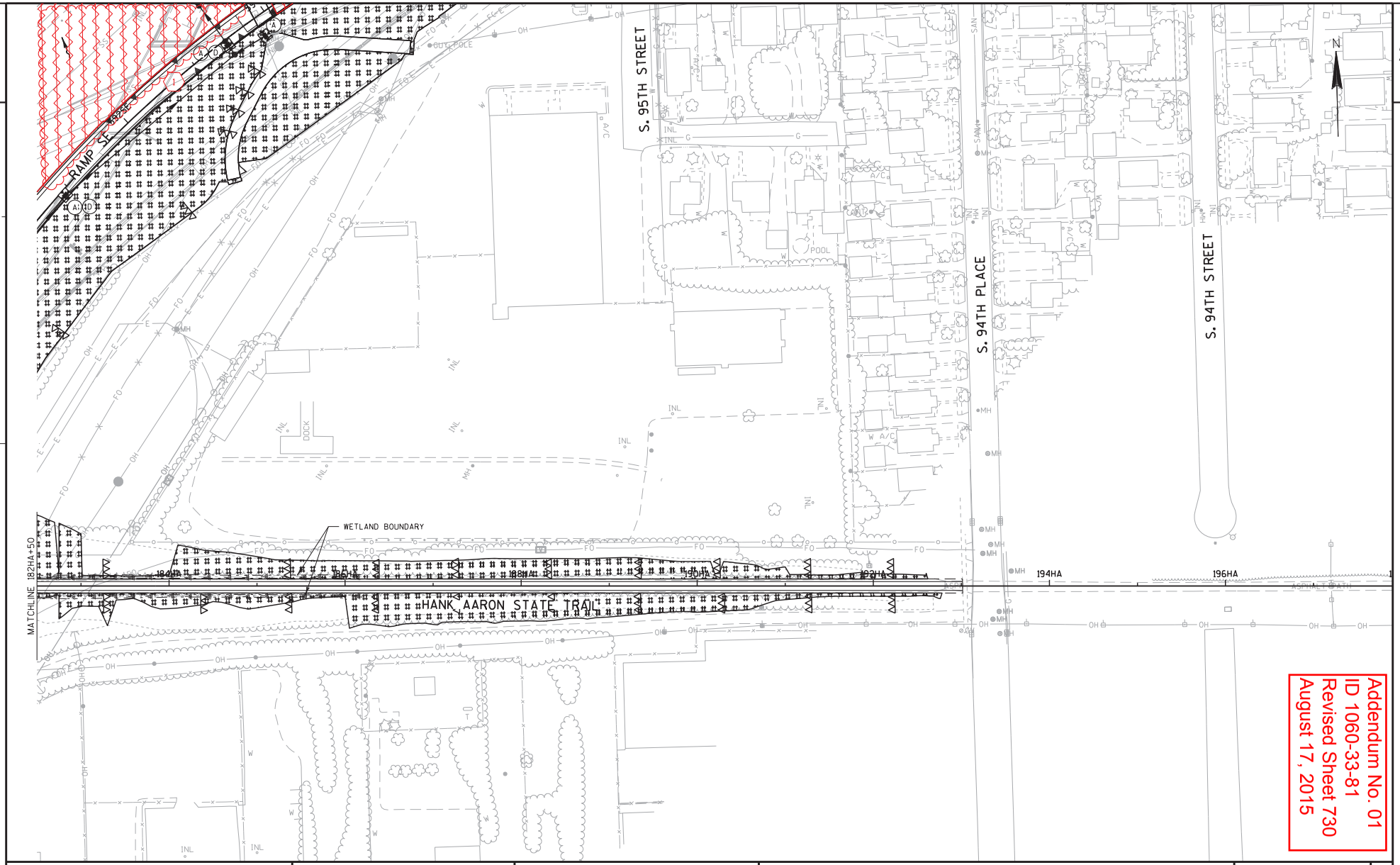
WISDOT/CADDS SHEET 42



Addendum No. 01
ID 1060-33-81
Revised Sheet 727
August 17, 2015

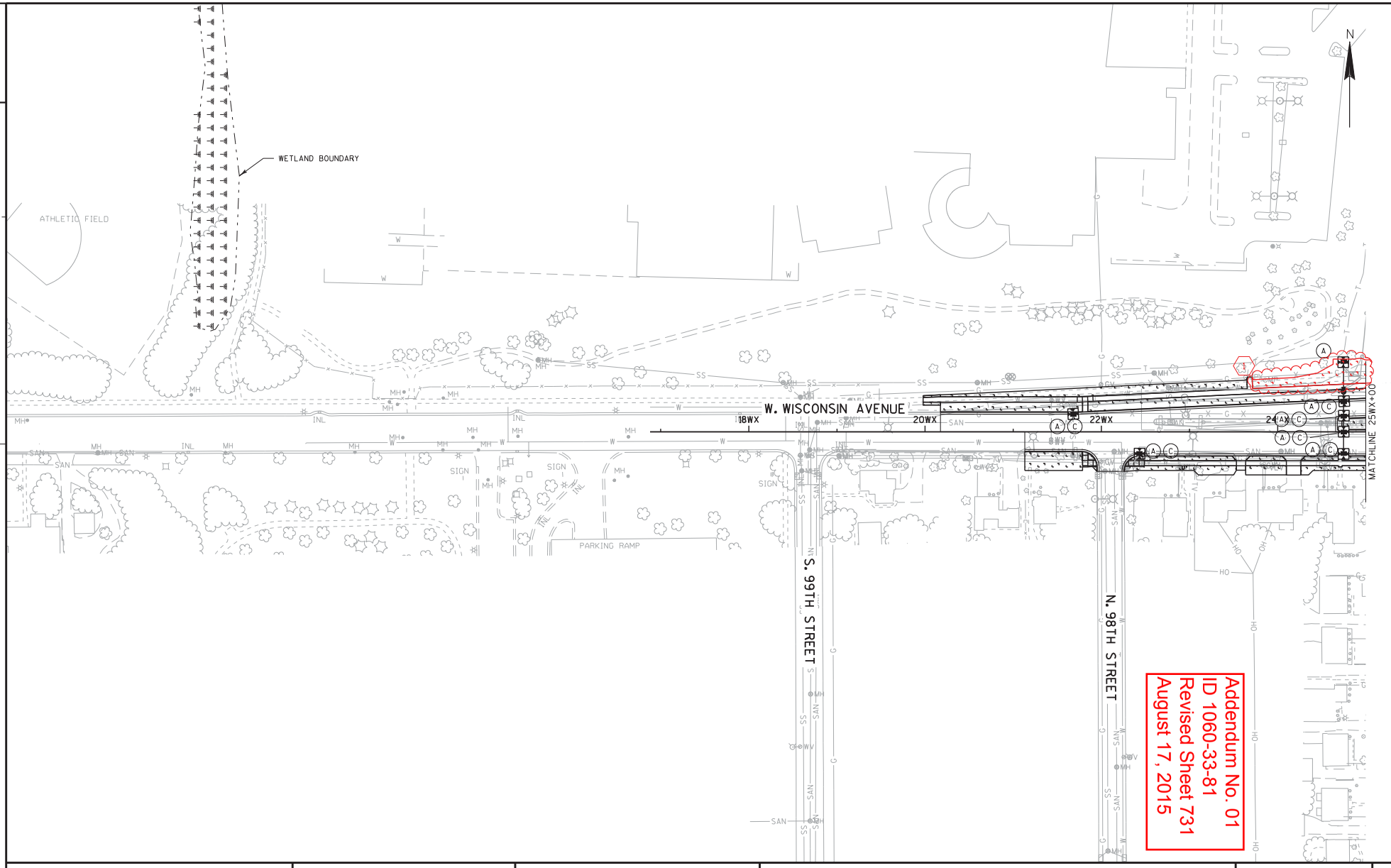
PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 727	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\022048_ec.dgn PLOT DATE : 12-AUG-2015 17:56 PLOT BY : mscgzl PLOT NAME : 022048_ec PLOT SCALE : 100:1



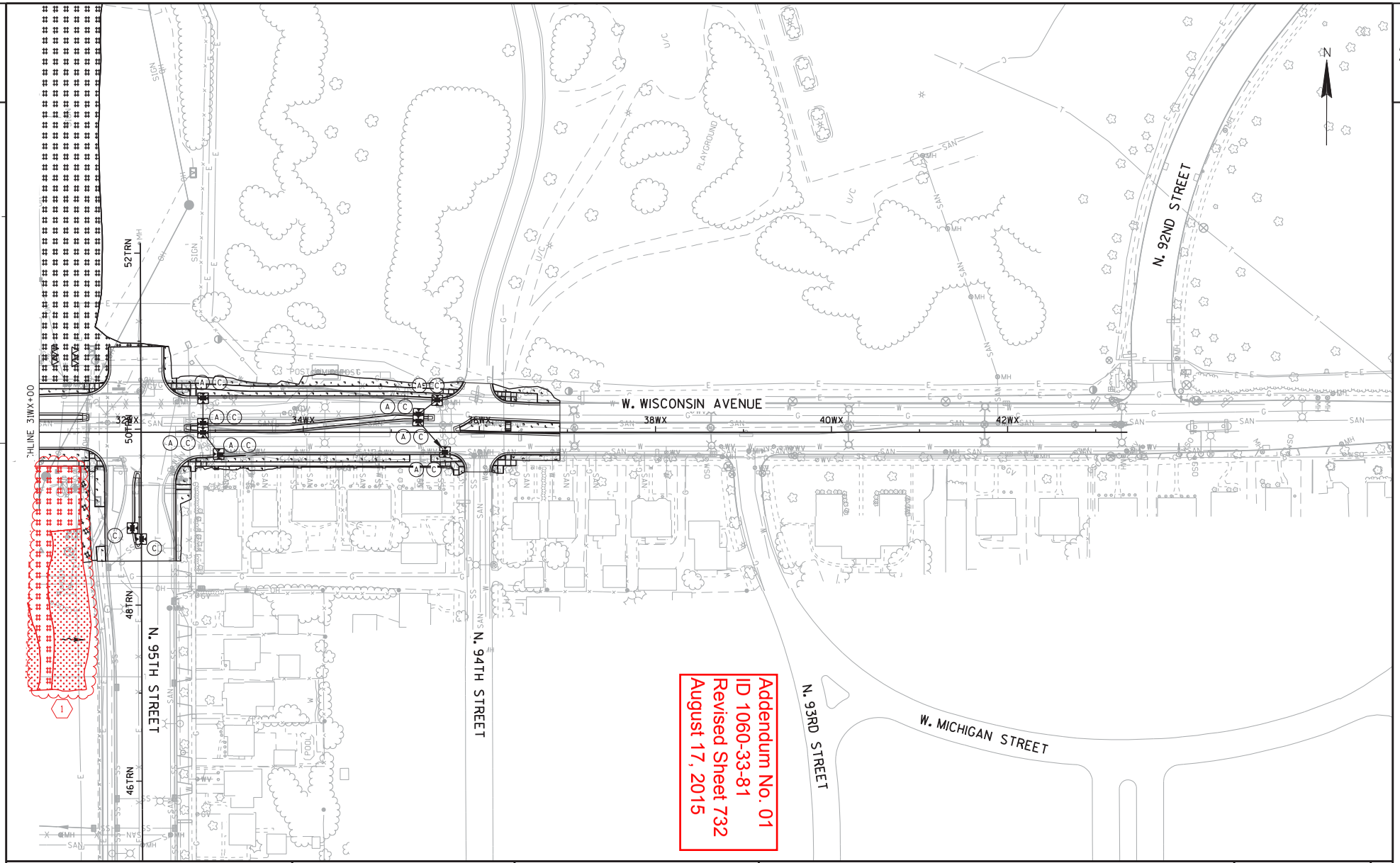
PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 730	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\022051_ec.dgn PLOT DATE : 13-AUG-2015 12:05 PLOT BY : MSCD1S PLOT NAME : 022051_ec PLOT SCALE : 100:1



PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 731	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\022052_ec.dgn PLOT DATE : 12-AUG-2015 18:03 PLOT BY : MSCDMY PLOT NAME : 022052_ec PLOT SCALE : 100:1



PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 732	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\022053_ec.dgn PLOT DATE : 12-AUG-2015 18:06 PLOT BY : mscgzl PLOT NAME : 022053_ec PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

REMOVING OLD STRUCTURE

CATEGORY	ROADWAY	STATION	OFFSET	203.0200.0021 REMOVING OLD STRUCTURE (STA 236NS+00) LS	203.0200.0022 REMOVING OLD STRUCTURE (STA 252NS+65) LS	203.0200.0023 REMOVING OLD STRUCTURE (STA 253NS+50) LS	203.0200.0025 REMOVING OLD STRUCTURE (STA 155EW+25) LS	203.0200.0026 REMOVING OLD STRUCTURE (STA 159EW+00) LS	203.0200.0027 REMOVING OLD STRUCTURE (STA 556NE+00) LS	203.0200.0028 REMOVING OLD STRUCTURE (STA 734BA+50) LS	203.0200.0029 REMOVING OLD STRUCTURE (STA 345NS+00) LS	COMMENTS
	MAINLINE											
1000	IH 894/ USH 45 NS											
		236NS+00	LT	1	--	--	--	--	--	--	--	REMOVE REMAINING FOUNDATIONS OF S-40-44
		252NS+65	LT	--	1	--	--	--	--	--	--	REMOVE REMAINING FOUNDATION OF S-40-156
		253NS+50	LT	--	--	1	--	--	--	--	--	REMOVE REMAINING PIERS OF B-40-128
		345NS+00	LT	--	--	--	--	--	--	--	1	REMOVE SIGN STRUCTURE FOUNDATION
	IH 94 WB											
		155EW+50	LT/RT	--	--	--	1	--	--	--	--	REMOVE REMAINING FOUNDATION OF B-40-109 AND B-40-110
		159EW+00	LT	--	--	--	--	1	--	--	--	REMOVE REMAINING PIERS AND FOUNDATION OF B-40-106
	RAMPS											
	RAMP NE											
		556NE+00		--	--	--	--	--	1	--	--	REMOVE REMAINING RETAINING WALL FOUNDATION
	RAMP BA											
		734BA+50		--	--	--	--	--	--	1	--	REMOVE REMAINING CENTER PIER FOUNDATION
	LOCAL ROADS						1					
	HANK AARON STATE TRAIL											
		180HA+50	LT	--	--	--	--	--	--	--	--	BOX CULVERT AT HANK AARON STATE TRAIL
	TOTAL			1	1	1	1	1	1	1	1	

REMOVING CONCRETE SURFACE PARTIAL DEPTH

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	OFFSET	204.0109.S REMOVING CONCRETE SURFACE PARTIAL DEPTH SF
		LOCAL ROADS					
1000	3	N. 97TH STREET					
			46TF+09	-	49TF+05	RT/LT	7,771
		TOTAL					7,771

Addendum No. 01
ID 1060-33-81
Revised Sheet 1621
August 17, 2015

REMOVING PAVEMENT

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	OFFSET	204.0100 REMOVING PAVEMENT SY
		MAINLINE					
1000	1	IH 894/ USH 45 SB					
			286NS+20	-	288NS+58	LT	1,231
			289NS+79	-	295NS+46	LT	3,111
			296NS+82	-	300NS+31	LT	1,433
		IH 94 EB					
			113EW+10	-	125EW+66	LT/RT	1,537
		IH 94 WB					
			113EW+02	-	125EW+73	LT	2,891
		RAMPS					
		RAMP WS					
			580WS+24	-	585WS+78	LT/RT	1,703
		RAMP ES					
			592ES+30		593SE+52	LT	394
		SUBTOTAL					12,300
		MAINLINE					
1000	2	IH 894/ USH 45 NB					
			203NS+29	-	219NS+00	RT	2,603
			227NS+00	-	228NS+66	RT	210

REMOVING PAVEMENT

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	OFFSET	204.0100 REMOVING PAVEMENT SY
			231NS+03	-	236NS+61	RT	371
		IH 894/ USH 45 SB					
			268NS+00	-	279NS+39	LT/RT	1,636
			280NS+80	-	284NS+77	LT	733
			327NS+00	-	333NS+60	RT	1,437
			335NS+31	-	349NS+45	RT	7,618
		IH 94 EB					
			88EW+00	-	99EW+49	RT	2,184
			101EW+72	-	111EW+43	RT	1,033
			113EW+02	-	122EW+32	RT	1,222
		RAMPS					
		RAMP LA					
			703LA+32	-	710LA+03	LT/RT	2,184
		RAMP GA					
			756GA+45	-	762GA+09	LT/RT	1,611
		RAMP GB					
			740GB+67	-	743GB+31	LT	397

(CONTINUED ON NEXT SHEET)

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\030201_mq_pav.ppt PLOT DATE : 8/10/2015 1:13:05 PM PLOT BY : MSCCEJ PLOT NAME : 030201_mq_pav3 PLOT SCALE : 1:1

EARTH WORK SUMMARY

Division	From/To Station	Location	205.0100 Excavation Common (CY) (1)	SPV. 0035.0100 EBS Excavation (CY) (3)	Salvaged/ Unusable Pavement Material (CY)	Available Material (4)	SPV. 0035.0101 EBS Backfill (CY) (3)	Unexpanded Fill (5)	Expanded Fill (6)	Mass Ordinate +/- (7)	Waste (8)	Borrow	Comment:
			Cut (2)				Factor 1.00		Factor 1.20			Item 208.0100	
1	11+29 TO 23+90	TEMPORARY RAMP EWG	1,795	25	1,005	790	25	0	0	790	790	0	
Division 1 Subtotal Stage 1			1,795	25	1,005	790	25	0	0	790	790	0	
2		MAINLINE											
	190+31 TO 265+07	USH 45 NB	34,602	484	1,063	33,539	484	33,638	40,366	-6,827	-6,827	0	
	308+00 TO 353+31	USH 45 NB	46,393	650	3,018	43,375	650	7	8	43,367	43,367	0	
	333+42 TO 335+31	USH 45 SB	199	3	11	188	3	858	1,029	-841	-841	0	
	88+00 TO 143+00	IH 94 EB	2,114	30	83	2,031	30	59,262	71,115	-69,084	-69,084	0	
	180+00 TO 192+00	IH 94 EB	22,857	320	520	22,337	320	3,417	4,100	18,237	18,237	0	
	185+00 TO 193+00	IH 94 WB	20,605	288	218	20,387	288	9,535	11,442	8,945	8,945	0	
		RAMPS											
	540+89 TO 591+47	WS	1,471	21	55	1,416	21	15,681	15,681	-14,264	-14,264	0	
	571+00 TO 575+00	CS	0	0	0	0	0	733	879	-879	-879	0	
	598+16 TO 605+61	WN	1,740	24	0	1,740	24	11,741	14,089	-12,349	-12,349	0	
	536+02 TO 538+65	EN	4,305	60	0	4,305	60	0	0	4,305	4,305	0	
	703+32 TO 717+90	LA	9,648	135	302	9,346	135	5,331	6,397	2,949	2,949	0	
	755+64 TO 762+38	GA	2,829	40	254	2,575	40	251	301	2,274	2,274	0	
	740+36 TO 752+03	GB	13,453	188	0	13,453	188	315	379	13,074	13,074	0	
	761+86 TO 769+45	GE	1,774	25	0	1,774	25	76	91	1,683	1,683	0	
	804+60 TO 806+95	RAMP BB TUNNEL	0	0	0	0	0	5,085	6,103	-6,103	-6,103	0	
	548+70 TO 566+13	SB	470	7	0	470	7	2,699	3,238	-2,769	-2,769	0	
	533+83 TO 540+74	SC	127	2	0	127	2	2,251	2,701	-2,575	-2,575	0	
	449+02 TO 455+46	SL	131	2	0	131	2	811	973	-842	-842	0	
	789+56 TO 791+45	FH	2,641	37	0	2,641	37	13	16	2,625	2,625	0	
		LOCAL											
	21+13 TO 26+23	W. WISCONSIN AVENUE	702	10	561	142	10	12	14	128	128	0	
	46+13 TO 49+71	N. 97TH STREET (TT)	179	3	46	132	3	162	194	-62	-62	0	
	17+26 TO 21+63	W. FAIRVIEW AVE	372	5	0	372	5	18	22	350	350	0	
	9+80 TO 16+93	XM	1,450	20	0	1,450	20	327	393	1,057	1,057	0	
	10+08 TO 13+19	BIKE PATH A	217	3	0	217	3	75	90	128	128	0	
	10+15 TO 17+79	BIKE PATH B	554	8	0	554	8	9,540	11,449	-10,895	-10,895	0	
		TEMPORARY											
	1+55 TO 23+15	RAMP NSD	8,465	119	0	8,465	119	3,517	4,220	4,245	4,245	0	
	315+32 TO 328+67	RAMP NSJ	223	3	0	223	3	104	125	98	98	0	
	11+11 TO 16+41	RAMP EWQ	408	6	154	254	6	180	216	38	38	0	
	10+84 TO 15+98	RAMP EWR	98	1	0	98	1	225	270	-172	-172	0	

1

Addendum No. 01
ID 1060-33-81
Revised Sheet 1661
August 17, 2015

(CONTINUED ON NEXT SHEET)

EARTH WORK SUMMARY (CONTINUED)

Division	From/To Station			Location	205.0100 Excavation Common (CY) (1)	SPV. 0035.0100 EBS Excavation (CY) (3)	Salvaged/ Unusable Pavement Material (CY)	Available Material (4)	SPV. 0035.0101 EBS Backfill (CY) (3)	Unexpanded Fill (5)	Expanded Fill (6)	Mass Ordinate +/- (7)	Waste (8)	Borrow	Comment:
					Cut (2)				Factor 1.00		Factor 1.20			Item 208.0100	
	10+89	TO	13+36	RAMP SWC	50	1	0	50	1	172	206	-156	-156	0	
	11+04	TO	14+54	RAMP SLC	44	1	0	44	1	370	444	-399	-399	0	
2				GRADING											
	730+00	TO	733+36	RAMP BD GRADING	80	1	0	80	1	418	502	-421	-421	0	
	10+00	TO	11+77	MINOR RETAINING WALL R-2	0	0	0	0	0	86	103	-103	-103	0	
Division 2 Subtotal Stage 2					178,200	2,495	6,284	171,916	2,495	166,910	197,156	-25,240	-25,240	0	
3				MAINLINE											
	206+00	TO	278+30	USH 45 NB	22,545	316	3,973	18,572	316	14,230	17,076	1,496	1,496	0	
	312+00	TO	320+50	USH 45 NB	8,358	117	561	7,797	117	0	0	7,797	7,797	0	
	320+50	TO	353+31	USH 45 NB	8,409	118	575	7,834	118	0	0	7,834	7,834	0	
	319+80	TO	322+00	USH 45 SB	424	6	113	311	6	0	0	311	311	0	
	88+00	TO	147+00	IH 94 EB	3,133	44	30	3,103	44	37,440	44,928	-41,826	-41,826	0	
	196+19	TO	208+00	IH 94 EB	68,705	962	353	68,352	962	0	0	68,352	68,352	0	
	129+84	TO	145+00	IH 94 WB	571	8	0	571	8	1,950	2,340	-1,769	-1,769	0	
	198+98	TO	209+83	IH 94 WB	18,704	262	110	18,594	262	156	187	18,407	18,407	0	1
				RAMPS											
	598+46	TO	605+19	SW	1,028	14	0	1,028	14	434	521	507	507	0	
	549+30	TO	552+30	WS	1,233	17	0	1,233	17	1,270	1,524	-291	-291	0	
	537+60	TO	561+55	NE	2,904	41	35	2,869	41	6,895	8,274	-5,404	-5,404	0	
	538+65	TO	542+66	EN	3,431	48	10	3,420	48	0	0	3,420	3,420	0	
	765+08	TO	768+17	GA	437	6	0	437	6	101	121	317	317	0	
	566+13	TO	570+86	SB	130	2	0	130	2	467	561	-430	-430	0	
				LOCAL											
	20+17	TO	27+42	W. WISCONSIN AVENUE	1,089	15	810	280	15	2,234	2,680	-2,401	-2,401	0	
	46+13	TO	49+71	N. 97TH STREET (TT)	178	2	118	59	2	58	70	-10	-10	0	
				TEMPORARY											
	11+58	TO	20+00	RAMP NSH	937	13	350	587	13	11	14	573	573	0	
	10+62	TO	23+85	RAMP EWP	571	8	0	571	8	1,935	2,322	-1,751	-1,751	0	
	13+30	TO	15+47	RAMP EWS	0	0	0	0	0	57	69	-69	-69	0	
	11+05	TO	14+15	RAMP EWT	209	3	0	209	3	58	70	140	140	0	
	11+00	TO	14+00	RAMP WSB	126	2	76	50	2	274	329	-279	-279	0	
	11+00	TO	13+70	RAMP WSC	214	3	88	126	3	0	0	126	126	0	
	12+98	TO	15+21	RAMP WJA	253	4	62	191	4	0	0	191	191	0	
	10+00	TO	11+36	RAMP SBA	1	0	62	-61	0	245	295	-356	-356	0	
Division 3 Subtotal Stage 3					143,591	2,010	7,326	136,265	2,010	67,816	81,379	54,886	54,886	0	

(CONTINUED ON NEXT SHEET)

Addendum No. 01
ID 1060-33-81
Revised Sheet 1662
August 17, 2015

EARTH WORK SUMMARY (CONTINUED)

Division	From/To Station	Location	205.0100 Excavation Common (CY) (1)	SPV. 0035.0100 EBS Excavation (CY) (3)	Salvaged/ Unusable Pavement Material (CY)	Available Material (4)	SPV. 0035.0101 EBS Backfill (CY) (3)	Unexpanded Fill (5)	Expanded Fill (6)	Mass Ordinate +/- (7)	Waste (8)	Borrow	Comment:
			Cut (2)				Factor 1.00		Factor 1.20			Item 208.0100	
4		MAINLINE											
	314+34 TO 353+31	USH 45 NB	22,943	321	2,923	20,020	321	51,170	61,404	-41,384	-41,384	0	
	162+00 TO 184+00	IH 94 EB	12,506	175	0	12,506	175	661	794	11,712	11,712	0	
	192+00 TO 196+19	IH 94 EB	66,183	927	1,167	65,016	927	0	0	65,016	65,016	0	
	193+00 TO 199+00	IH 94 WB	69,401	972	445	68,957	972	4,932	5,919	63,038	63,038	0	
		RAMPS											
	598+95 TO 603+68	SW	964	13	0	964	13	13	16	948	948	0	
	556+10 TO 558+60	WS	452	6	0	452	6	3	4	448	448	0	
	598+50 TO 601+00	WN	0	0	0	0	0	21,744	26,092	-26,092	-26,092	0	
	527+00 TO 542+66	EN	1,095	15	46	1,049	15	21,549	25,859	-24,809	-24,809	0	
	724+59 TO 735+35	BA	12,305	172	851	11,454	172	17,880	21,456	-10,003	-10,003	0	
	746+47 TO 750+38	WJ	1,421	20	0	1,421	20	432	518	903	903	0	
	789+81 TO 792+86	FC	17,483	245	397	17,086	245	15,687	18,824	-1,738	-1,738	0	
		LOCAL											
	29+72 TO 36+92	W. WISCONSIN AVENUE	1,699	24	859	841	24	9,093	10,911	-10,070	-10,070	0	1
	48+50 TO 50+94	N. 95TH STREET	411	6	0	411	6	140	168	244	244	0	
		GRADING											
	179+41 TO 185+95	SW CORE POND (EW)	14,169	198	0	14,169	198	498	598	13,571	13,571	0	
Division 4 Subtotal Stage 4			221,032	3,094	6,687	214,345	3,094	143,802	172,562	41,783	41,783	0	

Addendum No. 01
ID 1060-33-81
Revised Sheet 1663
August 17, 2015

(CONTINUED ON NEXT SHEET)

EARTH WORK SUMMARY (CONTINUED)

Division	From/To Station	Location	205.0100 Excavation Common (CY) (1)	SPV. 0035.0100 EBS Excavation (CY) (3)	Salvaged/ Unusable Pavement Material (CY)	Available Material (4)	SPV. 0035.0101 EBS Backfill (CY) (3)	Unexpanded Fill (5)	Expanded Fill (6)	Mass Ordinate +/- (7)	Waste (8)	Borrow	Comment:
			Cut (2)				Factor 1.00		Factor 1.20			Item 208.0100	
4		MAINLINE											
	314+34 TO 353+31	USH 45 NB	22,943	321	2,923	20,020	321	51,170	61,404	-41,384	-41,384	0	
	162+00 TO 184+00	IH 94 EB	12,506	175	0	12,506	175	661	794	11,712	11,712	0	
	192+00 TO 196+19	IH 94 EB	66,183	927	1,167	65,016	927	0	0	65,016	65,016	0	
	193+00 TO 199+00	IH 94 WB	69,401	972	445	68,957	972	4,932	5,919	63,038	63,038	0	
		RAMPS											
	598+95 TO 603+68	SW	964	13	0	964	13	13	16	948	948	0	
	556+10 TO 558+60	WS	452	6	0	452	6	3	4	448	448	0	
	598+50 TO 601+00	WN	0	0	0	0	0	21,744	26,092	-26,092	-26,092	0	
	527+00 TO 542+66	EN	1,095	15	46	1,049	15	21,549	25,859	-24,809	-24,809	0	
	724+59 TO 735+35	BA	12,305	172	851	11,454	172	17,880	21,456	-10,003	-10,003	0	
	746+47 TO 750+38	WJ	1,421	20	0	1,421	20	432	518	903	903	0	
	789+81 TO 792+86	FC	17,483	245	397	17,086	245	15,687	18,824	-1,738	-1,738	0	
		LOCAL											
	29+72 TO 36+92	W. WISCONSIN AVENUE	1,699	24	859	841	24	9,093	10,911	-10,070	-10,070	0	1
	48+50 TO 50+94	N. 95TH STREET	411	6	0	411	6	140	168	244	244	0	
		GRADING											
	179+41 TO 185+95	SW CORE POND (EW)	14,169	198	0	14,169	198	498	598	13,571	13,571	0	
Division 4 Subtotal Stage 4			221,032	3,094	6,687	214,345	3,094	143,802	172,562	41,783	41,783	0	

Addendum No. 01
ID 1060-33-81
Revised Sheet 1664
August 17, 2015

(CONTINUED ON NEXT SHEET)

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\030201_mq_pav.ppt PLOT DATE : 8/12/2015 4:31:14 PM PLOT BY : MSCCEJ PLOT NAME : 030201_mq_pav45 PLOT SCALE : 1:1

EARTH WORK SUMMARY (CONTINUED)

Division	From/To Station			Location	205.0100 Excavation Common (CY) (1)	SPV. 0035.0100 EBS Excavation (CY) (3)	Salvaged/ Unusable Pavement Material (CY)	Available Material (4)	SPV. 0035.0101 EBS Backfill (CY) (3)	Unexpanded Fill (5)	Expanded Fill (6)	Mass Ordinate +/- (7)	Waste (8)	Borrow	Comment:
					Cut (2)				Factor 1.00		Factor 1.20			Item 208.0100	
6				MAINLINE											
	289+95	TO	292+14	USH 45 NB	0	0	0	0	0	41,314	49,577	-49,577	-49,577	0	
	192+00	TO	304+45	USH 45 SB	48,051	673	6,860	41,191	673	60,887	73,064	-31,873	-31,873	0	
	180+00	TO	185+50	IH 94 EB	4,573	64	0	4,573	64	52	62	4,511	4,511	0	
	88+00	TO	185+00	IH 94 WB	51,888	726	3,082	48,806	726	65,243	78,291	-29,485	-29,485	0	
				RAMPS											
	559+26	TO	564+81	SW	4,872	68	713	4,159	68	0	0	4,159	4,159	0	
	556+53	TO	572+02	CS	6,185	87	1,745	4,440	87	810	973	3,468	3,468	0	
	514+22	TO	542+00	EN	13,239	185	190	13,048	185	29,790	35,748	-22,700	-22,700	0	
	581+32	TO	594+05	SE	154	2	0	154	2	32,119	38,543	-38,389	-38,389	0	
	572+01	TO	579+43	ES	1,421	20	0	1,421	20	1,414	1,697	-276	-276	0	
	604+12	TO	607+16	ES	87	1	0	87	1	9,250	11,100	-11,013	-11,013	0	
	711+00	TO	712+62	LD	959	13	0	959	13	0	0	959	959	0	
	738+46	TO	751+71	GC	8,906	125	249	8,657	125	2,206	2,647	6,010	6,010	0	
	755+28	TO	791+09	GD	26,811	375	91	26,721	375	19,558	23,469	3,251	3,251	0	
	787+50	TO	789+95	GE	0	0	0	0	0	16,336	19,604	-19,604	-19,604	0	
	561+12	TO	564+28	GH	177	2	0	177	2	392	471	-293	-293	0	
	702+68	TO	720+92	BC	9,809	137	0	9,809	137	200	240	9,568	9,568	0	1
	559+81	TO	577+88	SA	2,476	35	159	2,317	35	3,322	3,987	-1,670	-1,670	0	
	531+74	TO	546+15	SD	919	13	0	919	13	12,828	15,394	-14,476	-14,476	0	
	160+64	TO	163+93	SM	1,309	18	0	1,309	18	0	0	1,309	1,309	0	
	792+86	TO	796+00	FC	30,824	432	0	30,824	432	1,136	1,363	29,461	29,461	0	
	791+45	TO	801+14	FH	17,984	252	228	17,757	252	3,664	4,396	13,360	13,360	0	
				LOCAL											
	12+42	TO	18+66	S. 100TH STREET (TD)	552	8	0	552	8	319	383	169	169	0	
	17+00	TO	21+10	S. 100TH STREET (TE)	429	6	0	429	6	6	7	423	423	0	
				TEMPORARY											
	11+44	TO	19+24	RAMP NSQ	1,771	25	154	1,617	25	10	12	1,604	1,604	0	
	10+24	TO	14+90	RAMP EWW	113	2	0	113	2	45	54	59	59	0	
	12+28	TO	14+47	RAMP ENB	50	1	0	50	1	86	104	-54	-54	0	
	10+52	TO	14+40	RAMP WSD	0	0	0	0	0	710	852	-852	-852	0	
				GRADING											
	487+00	TO	491+60	NW INFIELD (NW)	2,174	0	0	2,174	0	4,986	5,983	-3,810	-3,810	0	
	793+90	TO	799+50	NE INFIELD GRADING (NEG)	12,255	0	0	12,255	0	25,047	30,056	-17,801	-17,801	0	
	10+01	TO	14+95	SW CORE POND (PSW)	103,759	0	673	103,086	0	426	511	102,575	102,575	0	
Division 6 Subtotal Stage 6					351,748	3,270	14,144	337,604	3,270	332,159	398,590	-60,986	-60,986	0	

(CONTINUED ON NEXT SHEET)

Addendum No. 01
ID 1060-33-81
Revised Sheet 1665
August 17, 2015

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\030201_mq_pav.ppt PLOT DATE : 8/12/2015 4:31:14 PM PLOT BY : MSCCEJ PLOT NAME : 030201_mq_pav47 PLOT SCALE : 1:1

EARTH WORK SUMMARY (CONTINUED)

Division	From/To Station	Location	205.0100 Excavation Common (CY) (1)	SPV. 0035.0100 EBS Excavation (CY) (3)	Salvaged/ Unusable Pavement Material (CY)	Available Material (4)	SPV. 0035.0101 EBS Backfill (CY) (3)	Unexpanded Fill (5)	Expanded Fill (6)	Mass Ordinate +/- (7)	Waste (8)	Borrow	Comment:
			Cut (2)				Factor 1.00		Factor 1.20			Item 208.0100	
8		MAINLINE											
	255+25 TO 265+06	USH 45 NB	304	4	0	304	4	1,921	2,305	-2,001	-2,001	0	
	287+46 TO 299+40	USH 45 NB	1,844	26	0	1,844	26	14,517	17,420	-15,576	-15,576	0	
		RAMPS											
	561+06 TO 568+26	NE	814	11	0	814	11	1	1	813	813	0	
	523+58 TO 525+00	EN	0	0	0	0	0	599	718	-718	-718	0	
	587+07 TO 590+00	SE	31	0	0	31	0	13,454	16,145	-16,114	-16,114	0	
	708+10 TO 712+62	LD	1,792	25	99	1,693	25	310	372	1,321	1,321	0	
	761+00 TO 766+50	GA	1,183	17	0	1,183	17	75	89	1,094	1,094	0	
	764+53 TO 789+95	GE	11,464	160	0	11,464	160	5,993	7,191	4,272	4,272	0	
	799+61 TO 804+60	BB	7,868	110	76	7,792	110	14,138	16,966	-9,174	-9,174	0	
	796+00 TO 818+73	FC	13,887	194	125	13,763	194	53	64	13,699	13,699	0	
		LOCAL											
	525+60 TO 533+10	W. SCHLINGER AVENUE	3,193	45	0	3,193	45	7	8	3,185	3,185	0	
	30+51 TO 42+33	S. 100TH STREET	2,850	40	0	2,850	40	274	329	2,521	2,521	0	1
	16+93 TO 24+70	XM	1,358	19	0	1,358	19	237	284	1,073	1,073	0	
	111+34 TO 193+01	HA	14,347	201	0	14,347	201	3,251	3,902	10,445	10,445	0	
Division 8 Subtotal Stage 8			60,936	853	300	60,636	853	54,829	65,795	-5,159	-5,159	0	
9		MAINLINE											
	304+00 TO 311+70	USH 45 NB	1,997	28	0	1,997	28	0	0	1,997	1,997	0	
	304+00 TO 311+20	USH 45 SB	1,131	16	0	1,131	16	22	26	1,104	1,104	0	
Division 9 Subtotal Stage 9			3,128	44	0	3,128	44	22	26	3,102	3,102	0	
Total			1,066,067	13,221	40,670	1,025,397	13,221	814,107	973,793	51,604	51,604	0	

NOTES:

1) Salvaged/Unsuable Pavement Material is included in Cut.
3) EBS Excavation SPV.00350100 (CY) to be backfilled with EBS Backfill SPV.0035.0101 (CY). EBS Excavation volume assumed as 5% of total roadway area at an average depth of 18-inches, in addition to locations shown in plans. All EBS Excavation to be wasted offsite. EBS Backfill Factor = 1.00.
Actual extents and depths of EBS Excavation will be determined by the engineer in the field.
4) Available Material = Cut - Salvaged/Unusable Pavement Material
5) The backfill needed to construct the mechanically stabilized earth walls has been estimated. The MSE backfill quantity has been subtracted from the fill volume in all end area calculations. The width of the MSE backfill off of the back of the MSE wall has been estimated as 0.8 times the height of the retaining walls.
6) Expanded Fill. Factor = 1.20 Expanded Fill = Unexpanded Fill * Fill Factor
7) The Mass Ordinate + or - Qty calculated for the Division. Plus quantity indicates an excess of material within the Division. Minus indicates a shortage of material within the Division.
8) The storm sewer excavation is estimated to be between 75,000 and 125,000 cubic yards and total structural excavation from all structures is estimated to be between 75,000 and 100,000 cubic yards dependant on the means and methods used for construction. These quantities are not included in this table and should be considered additional waste that is incidental to the storm sewer and structure items.
9) A soil expansion factor of 1.2 was used to generate estimated earthwork quantities. Due to potential soil variability, actual quantities may vary. No quantity adjustments will be made for differing soil expansion factors encountered in the field.

Addendum No. 01
ID 1060-33-81
Revised Sheet 1667
August 17, 2015

BASE AGGREGATE ITEMS (CONTINUED)

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	312.0115 SELECT CRUSHED MATERIAL CY
1000	6	RAMP EN						
			514EN+22	-	519EN+99	--	965	1,284
			523EN+58	-	542EN+00	--	2,922	3,654
			525EN+45	-	533EN+60	--	344	--
		RAMP SE						
			581SE+73	-	582SE+94	--	133	177
			587SE+27	-	593SE+88	--	681	824
			592SE+41	-	595SE+29	--	197	--
		RAMP ES						
			572ES+00	-	579ES+22	--	578	771
			604ES+32	-	607ES+16	--	479	573
		RAMP GC						
			738GC+46	-	751GC+71	--	2,308	2,981
		RAMP GD						
			755GD+28	-	779GD+54	--	3,291	3,561
			780GD+76	-	785GD+22	--	494	560
			786GD+80	-	791GD+07	--	629	839
		RAMP GH						
			561GH+12	-	564GH+27	--	355	462
		RAMP BC						
			702BC+67	-	720BC+92	--	2,724	3,633
		RAMP SA						
			559SA+81	-	561SA+17	--	121	161
			563SA+28	-	571SA+28	--	1,036	-- (1)
			572SA+36	-	577SA+88	--	781	1,041
			575SA+18	-	577SA+86	--	157	--
		RAMP SD						
			531SD+74	-	546SD+15	--	2,556	3,408
		RAMP SM						
			160SM+64	-	163SM+93	--	374	498
		RAMP FH						
			791FH+45	-	799FH+00	--	1,108	1,433
			794FH+13	-	795FH+15	--	100	--
		LOCAL ROADS						
		S. 100TH STREET						
			17TE+00	-	21TE+10	--	429	--
			24TD+90	-	25TD+20	--	11	--

BASE AGGREGATE ITEMS (CONTINUED)

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	312.0115 SELECT CRUSHED MATERIAL CY
		TEMPORARY ROADS						
1000	6	RAMP NSN						
			255NS+28	-	256NS+52	--	37	--
			261NS+00	-	263NS+43	--	72	--
			263NS+43	-	268NS+00	--	136	--
		RAMP NSQ						
			11NSQ+44	-	19NSQ+24	--	1,349	--
		RAMP EWW						
			10EWW+24	-	14EWW+90	--	457	--
		RAMP ENB						
			12ENB+28	-	14ENB+47	--	148	--
		RAMP WSD						
			10WSD+52	-	14WSD+40	--	359	--
		SUBTOTAL				--	89,021	99,416
		MAINLINE						
1000	7	IH 894/ USH 45 NB						
			191NS+50	-	208NS+50	--	1,847	1,056
			314NS+34	-	320NS+00	--	847	1,087
		IH 894/ USH 45 SB						
			191NS+50	-	208NS+05	--	1,028	1,371
			208NS+05	-	217NS+00	--	1,412	1,706
			269NS+00	-	273NS+22	--	226	301
		IH 94 EB						
			117EW+00	-	126EW+52	--	283	378
			147EW+00	-	152EW+95	--	358	478
		IH 94 WB						
			88EW+00	-	94EW+00	--	525	699
			148EW+65	-	154EW+74	--	361	481
		RAMPS						
		RAMP CS						
			569CS+00	-	573CS+23	--	181	242
		RAMP EN						
			516EN+05	-	525EN+25	--	831	1,002
			541EN+00	-	542EN+66	--	157	207
		RAMP BB						
			806BB+96	-	822BB+48	--	2,132	2,795

Addendum No. 01
ID 1060-33-81
Revised Sheet 1671
August 17, 2015

(CONTINUED ON NEXT SHEET)

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\030201_mq_pav.ppt PLOT DATE : 8/12/2015 11:53:32 AM PLOT BY : MSCCEJ PLOT NAME : 030201_mq_pav53 PLOT SCALE : 1:1

BASE AGGREGATE ITEMS (CONTINUED)

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	312.0115 SELECT CRUSHED MATERIAL CY
1000	7	RAMP FH						
			799FH+00	-	804FH+00	--	689	919
		LOCAL ROADS						
		S. CURTIS ROAD						
			11CT+75	-	14CT+19	--	1,140	--
		TEMPORARY ROADS						
		RAMP NSP						
			11NSP+00	-	18NSP+79	--	1,343	--
		SUBTOTAL				--	13,360	12,722
		MAINLINE						
1000	8	IH 894/USH 45 NB						
			289NS+52	-	292NS+16	--	593	510
			296NS+39	-	297NS+74	--	510	447
		RAMPS						
		RAMP NE						
			561NE+06	-	561NE+55	--	29	39
		RAMP EN						
			523EN+58	-	525EN+00	--	65	86
		RAMP SE						
			587SE+27	-	590SE+00	--	139	154
		RAMP LD						
			708LD+10	-	712LD+62	--	672	884
		RAMP GA						
			761GA+00	-	768GA+00	--	656	820
		RAMP GE						
			764GE+53	-	769GE+45	--	148	197
			769GE+45	-	779GE+81	--	1,041	1,220
			780GE+83	-	785GE+32	--	596	795
			786GE+70	-	789GE+94	--	515	641
		RAMP BB						
			799BB+61	-	804BB+60	--	781	1,042
		RAMP FC						
			792FC+86	-	801FC+60	--	1,152	1,536
			809FC+22	-	818FC+73		282	377
		LOCAL ROADS						
		W. SCHLINGER AVENUE						
			525SCH+60	-	526SCH+32	--	122	--
			526SCH+56	-	533SCH+10	--	1,598	--

BASE AGGREGATE ITEMS (CONTINUED)

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	312.0115 SELECT CRUSHED MATERIAL CY
1000	8	S. 100TH STREET						
			12TD+43	-	18TD+66	--	281	--
			30TD+51	-	42TD+33	--	1,850	--
		UTILITY ACCESS PATH						
			16XM+93	-	24XM+42	--	555	--
		HANK AARON STATE TRAIL						
			111HA+34	-	193HA+13	903	4,886	--
		BIKE PATH B						
			10BPB+15	-	17BPB+41	--	586	--
		SUBTOTAL				903	17,057	8,748
		MAINLINE						
1000	9	IH 894/ USH 45 NB						
			304NS+00	-	311NS+70	--	853	709
		IH 894/ USH 45 SB						
			304NS+45	-	311NS+20	--	729	544
		SUBTOTAL				--	1,582	1,253
		TOTAL				903	256,866	253,455

1

Addendum No. 01
ID 1060-33-81
Revised Sheet 1672
August 17, 2015

EROSION CONTROL ITEMS

CATEGORY	STAGE	LOCATION	STATION	TO	STATION	OFFSET	628.1104 EROSION BALES EACH	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH	628.2004 EROSION MAT CLASS I TYPE B SY	628.2023 EROSION MAT CLASS II TYPE B SY	628.2027 EROSION MAT CLASS II TYPE C SY	628.7504 TEMPORARY DITCH CHECKS LF	628.7570 ROCK BAGS EACH
		MAINLINE														
1000	2	IH 894 WB/ USH 45 NB														
			190NS+31	-	206NS+69	RT	--	393	393	--	--	3,977	--	--	48	--
			217NS+91	-	229NS+68	RT	--	90	90	--	--	4,968	759	--	144	--
			230NS+47	-	240NS+29	RT	--	182	182	--	--	3,289	248	--	72	--
			242NS+28	-	252NS+71	RT	--	--	--	--	--	9,889	--	--	72	--
			254NS+09	-	265NS+06	RT	--	--	--	--	--	8,084	--	--	72	--
		IH 94 EB														
			88EW+00	-	99EW+45	RT	297	1,474	1,474	--	--	--	852	882	--	--
			102EW+17	-	111EW+66	RT	--	1,089	1,089	--	--	136	1,446	--	--	--
			112EW+73	-	128EW+60	RT	--	1,568	1,568	--	--	908	4,052	--	--	--
			132EW+30	-	133EW+89	RT	--	157	157	--	--	--	505 (1)	--	12	--
			136EW+53	-	140EW+93	RT	--	--	--	--	--	1,605	--	--	60	--
			179EW+99	-	189EW+78	RT	--	294	294	--	--	2,359	9,101	--	12	--
		IH 94 WB														
			185EW+00	-	188EW+73	LT	--	--	--	--	--	2,688	706	--	12	--
		RAMPS														
		RAMP WS														
			540WS+90	-	553WS+08	RT	--	--	--	--	--	9,613	--	--	96	--
			560WS+02	-	562WS+32	LT	--	--	--	--	--	369	--	--	--	--
			566WS+10	-	567WS+05	RT	--	--	--	--	--	267	--	--	--	--
		RAMP WN														
			598WN+17	-	602WN+88	RT	--	--	--	--	--	5,391	--	--	--	--
			602WN+20	-	605WN+60	LT	--	--	--	--	--	2,343	--	--	12	--
		RAMP EN														
			536EN+02	-	538EN+82	LT	--	--	--	--	--	584	--	--	12	--
		RAMP LA														
			703LA+25	-	717LA+90	RT	90	306	306	--	--	3,799	--	809	240	8
			703LA+50	-	714LA+46	LT	--	--	--	--	--	5,354	--	--	--	--
		RAMP GA														
			755GA+64	-	762GA+38	RT	--	679	679	--	--	1,424	--	--	144	--
		RAMP GB														
			740GB+36	-	752GB+03	RT	--	--	--	--	--	6,032	--	--	60	--
		RAMP SB														
			548SB+71	-	566SB+11	RT	167	502	502	--	--	1,844	--	351 (1)	60	--
			551SB+09	-	554SB+87	LT	--	--	--	--	--	491	--	--	--	10
			556SB+56	-	559SB+52	LT	--	--	--	--	--	544	--	--	--	--
			560SB+18	-	566SB+66	LT	--	--	--	--	--	1,125	--	--	24	--
		RAMP SC														
			533SC+89	-	538SC+00	RT	127	401	401	--	--	--	--	388 (1)	12	--

Addendum No. 01
ID 1060-33-81
Revised Sheet 1806
August 17, 2015

(CONTINUED ON NEXT SHEET)

EROSION CONTROL ITEMS (CONTINUED)

CATEGORY	STAGE	LOCATION	STATION	TO	STATION	OFFSET	628.1104 EROSION BALES EACH	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH	628.2004 EROSION MAT CLASS I TYPE B SY	628.2023 EROSION MAT CLASS II TYPE B SY	628.2027 EROSION MAT CLASS II TYPE C SY	628.7504 TEMPORARY DITCH CHECKS LF	628.7570 ROCK BAGS EACH
1000	2	RAMP FH														
			789FH+56	-	791FH+25	LT	--	--	--	--	--	--	666	--	12	--
		LOCAL ROADS														
		W. WISCONSIN AVENUE														
			26WX+77	-	27WX+62	LT	--	--	--	--	--	329	--	--	36	--
		UTILITY ACCESS PATH														
			10XM+12	-	16XM+93	LT/RT	--	682	682	--	--	1,539	122	--	--	--
		BIKE PATH A														
			10BPA+08	-	13BPA+17	LT/RT	--	278	278	--	--	1,240	--	--	--	--
		RAMP BD GRADING														
			729BD+89	-	733BD+98	LT	--	--	--	--	--	3,702	--	--	36	--
		NW INFIELD														
			484NW+14	-	486NW+35	RT	--	--	--	--	--	5,084	--	--	216	--
		SUBTOTAL					681	8,095	8,095	--	--	88,977	18,457	2,430	1,464	18
														1		
		MAINLINE														
1000	3	IH 894 WB/ USH 45 NB														
			349NS+80	-	353NS+31	RT	--	--	--	--	--	486	--	--	--	--
		IH 94 EB														
			196EW+17	-	198EW+65	RT	--	--	--	--	--	2,302	--	--	12	--
		IH 94 WB														
			198EW+97	-	204EW+34	LT	--	--	--	--	--	1,345	--	--	--	--
		SUBTOTAL					--	--	--	--	--	4,133	--	--	12	--
		MAINLINE														
1000	4	IH 894 WB/ USH 45 NB														
			324NS+61	-	332NS+76	RT	--	--	--	--	--	--	--	--	132	--
			334NS+91	-	346NS+34	RT	--	--	--	--	--	19,092	--	--	132	--
		IH 94 EB														
			192EW+07	-	196EW+17	RT	--	--	--	--	--	2,667	--	--	24	--
		IH 94 WB														
			193EW+92	-	198EW+97	LT	--	--	--	--	--	7,121	--	--	48	--
		RAMPS														
		RAMP EN														
			523EN+75	-	525EN+25	RT	--	--	--	--	--	2,236	--	--	--	--
		RAMP BA												1		
			724BA+59	-	734BA+18	RT	--	--	--	--	--	3,493	5,033	--	192	--

Addendum No. 01
ID 1060-33-81
Revised Sheet 1807
August 17, 2015

(CONTINUED ON NEXT SHEET)

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\030203_mq_misc.ppt PLOT DATE : 8/12/2015 4:43:49 PM PLOT BY : MSCCEJ PLOT NAME : 030203_mq_misc17 PLOT SCALE : 1:1

EROSION CONTROL ITEMS (CONTINUED)

CATEGORY	STAGE	LOCATION	STATION	TO	STATION	OFFSET	628.1104 EROSION BALES EACH	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH	628.2004 EROSION MAT CLASS I TYPE B SY	628.2023 EROSION MAT CLASS II TYPE B SY	628.2027 EROSION MAT CLASS II TYPE C SY	628.7504 TEMPORARY DITCH CHECKS LF	628.7570 ROCK BAGS EACH
1000	4	RAMP WJ														
			746WJ+48	-	750WJ+38	RT	--	--	--	--	--	894	--	--	--	--
		RAMP FC														
			789FC+81	-	792FC+86	RT	--	--	--	--	--	5,537	--	--	24	--
		LOCAL ROADS														
		W. WISCONSIN AVENUE														
			29WX+67	-	31WX+79	LT	--	--	--	--	--	576	--	--	--	--
		SUBTOTAL					--	--	--	--	--	41,616	5,033	--	552	--
														1		
		MAINLINE														
1000	5	IH 94 EB														
			175EW+40	-	179EW+99	RT	--	504	504	--	--	7,616	--	--	24	--
		RAMPS														
		RAMP WS														
			562WS+32	-	566WS+10	LT	--	--	--	--	--	711	--	--	48	--
		RAMP SB														
			566SB+66	-	573SB+00	LT	--	--	--	--	--	2,203	--	--	96	--
			566SB+12	-	575SB+30	RT	163	826	826	--	--	1,196	--	77	--	--
															1	
		LOCAL ROADS														
		TEMP CHANNEL														
			11PSW+14	-	13PSW+34	LT/RT	--	--	--	--	--	--	--	--	10	--
		SUBTOTAL					163	1,330	1,330	--	--	11,726	--	77	178	--
		MAINLINE														
1000	6	IH 894 EB/ USH 45 SB														
			192NS+00	-	196NS+50	LT	--	--	--	--	--	661	--	--	--	--
			197NS+26	-	208NS+00	LT	--	--	--	--	--	2,273	--	--	60	--
			212NS+63	-	229NS+39	LT	--	720	720	--	--	5,391	1,044	--	60	--
			230NS+36	-	238NS+48	LT	--	822	822	--	--	3,773	248	--	--	--
			280NS+43	-	284NS+72	LT	27	85	85	--	--	2,226	--	--	12	--
			290NS+39	-	291NS+19	LT	--	--	--	--	--	605	239	--	--	--
			294NS+00	-	302NS+70	LT	--	--	--	--	--	791	--	--	--	--
		IH 94 WB														
			88EW+00	-	99EW+34	LT	449	1,452	1,452	--	--	--	--	1,709	--	--
			102EW+08	-	111EW+62	LT	--	1,146	1,146	--	--	140	1,501	--	--	--
			112EW+73	-	124EW+91	LT	--	1,233	1,233	--	--	644	3,423	--	12	--
			127EW+96	-	131EW+68	LT	--	450	450	--	--	954	84	--	--	--
			135EW+87	-	154EW+16	LT	--	--	--	--	--	5,957	--	--	36	--
			171EW+42	-	175EW+11	LT	--	--	--	--	--	625	--	--	12	--
			177EW+88	-	185EW+00	LT	--	--	--	--	--	5,455	1,434	--	60	--

Addendum No. 01
ID 1060-33-81
Revised Sheet 1808
August 17, 2015

(CONTINUED ON NEXT SHEET)

EROSION CONTROL ITEMS (CONTINUED)

CATEGORY	STAGE	LOCATION	STATION	TO	STATION	OFFSET	628.1104 EROSION BALES EACH	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH	628.2004 EROSION MAT CLASS I TYPE B SY	628.2023 EROSION MAT CLASS II TYPE B SY	628.2027 EROSION MAT CLASS II TYPE C SY	628.7504 TEMPORARY DITCH CHECKS LF	628.7570 ROCK BAGS EACH
		LOCAL ROADS														
1000	8	S. 100TH STREET														
			37TD+76	-	42TD+33	RT	20	62	62	--	--	816	--	--	--	--
		UTILITY ACCESS PATH														
			16XM+93	-	27XM+63	RT	--	1,070	1,070	--	--	167	--	--	--	--
			16XM+93	-	24XM+70	LT	--	--	--	--	--	2,209	--	--	--	--
		HANK AARON STATE TRAIL														
			111HA+34	-	193HA+13	LT/RT	48	8,080	8,080	--	--	16,716	--	--	624	--
		BIKE PATH B														
			10BPB+15	-	17BPB+33	LT/RT	--	--	--	--	--	3,185	1,291	--	204	20
		SUBTOTAL					146	9,476	9,476	--	--	59,454	1,291	--	1,164	20
		UNDISTRIBUTED					665	10,392	10,392	60	30	126,222	19,317	2,645	2,068	750
		TOTALS					2,326	36,372	36,372	60	30	441,776	67,610	9,258	7,238	788

* ADDITIONAL QUANTITIES FOUND ELSEWHERE

1

Addendum No. 01
ID 1060-33-81
Revised Sheet 1811
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES	SHEET: 1811	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\030203_mq_misc.ppt PLOT DATE : 8/12/2015 4:43:49 PM PLOT BY : MSCCEJ PLOT NAME : 030203_mq_misc21 PLOT SCALE : 1:1

RESTORATION ITEMS

CATEGORY	LOCATION	STATION	TO	STATION	628.6505 SOIL STABILIZER TYPE A ACRE	628.6510 SOIL STABILIZER TYPE B ACRE	629.0205 FERTILIZER TYPE A CWT	629.0210 FERTILIZER TYPE B CWT	630.0130 SEEDING MIXTURE NO. 30 LB	630.0171 SEEDING MIXTURE NO. 70A LB	630.0180 SEEDING MIXTURE NO. 80 LB	630.0200 SEEDING TEMPORARY LB	631.0300 SOD WATER MGAL	631.1000 SOD LAWN SY	SPV.0180.0200 TOPSOIL SPECIAL SY
	MAINLINE														
1000	IH 894 WB/ USH 45 NB														
		190NS+31	-	206NS+69	--	--	--	2.5	72	--	--	54	--	--	3,977
		217NS+91	-	229NS+68	--	--	--	3.6	90	--	6	78	--	--	5,727
		230NS+47	-	240NS+29	--	--	--	2.2	60	--	2	48	--	--	3,536
		242NS+28	-	252NS+71	--	--	--	6.2	178	--	--	134	--	--	9,889
		254NS+09	-	265NS+06	--	--	--	5.1	146	--	--	110	--	--	8,084
		289NS+95	-	292NS+14	--	--	--	3.5	--	20	--	75	--	--	5,498
		295NS+29	-	299NS+59	--	--	--	3.0	--	18	--	65	--	--	4,807
		334NS+91	-	346NS+34	--	--	--	12.0	344	--	--	258	--	--	19,092
		349NS+80	-	353NS+31	--	--	--	.3	9	--	--	7	--	--	486
	IH 894 EB/ USH 45 SB														
		197NS+26	-	208NS+00	--	--	--	1.8	53	--	--	40	--	--	2,934
		212NS+63	-	229NS+39	--	--	--	4.1	98	--	8	87	--	--	6,435
		230NS+36	-	238NS+48	--	--	--	2.5	68	--	2	55	--	--	4,020
		280NS+43	-	284NS+72	--	--	--	1.4	41	--	--	31	--	--	2,226
		290NS+39	-	291NS+19	--	--	.5	--	--	4	--	12	--	--	845
		294NS+00	-	302NS+70	--	--	--	.5	--	3	--	11	--	--	791
	IH 94 EB														
		88EW+00	-	99EW+45	--	.2	--	1.1	--	7	--	24	--	--	1,735
		102EW+17	-	111EW+66	--	.2	--	1.0	3	--	11	22	--	--	1,582
		112EW+73	-	128EW+60	--	--	--	3.1	17	--	30	67	--	--	4,960
		132EW+30	-	133EW+89	--	--	--	.3	--	--	4	7	--	--	505
		136EW+53	-	140EW+93	--	--	--	1.0	29	--	--	22	--	--	1,602
		175EW+40	-	189EW+78	--	--	3.0	5.5	--	49	--	183	--	--	13,505
		192EW+07	-	198EW+65	--	--	--	3.1	90	--	--	68	--	--	4,969
	IH 94 WB														
		88EW+00	-	99EW+34	--	.2	--	1.1	--	7	--	24	--	--	1,709
		102EW+08	-	111EW+62	--	.2	--	1.0	3	--	11	23	--	--	1,641
		112EW+73	-	124EW+91	--	--	--	3.1	12	--	31	66	--	--	4,867
		127EW+00	-	131EW+68	--	--	--	.7	18	--	1	15	--	--	1,038
		135EW+87	-	154EW+16	--	--	--	3.7	106	--	--	80	--	--	5,873
		171EW+42	-	175EW+11	--	--	--	.4	12	--	--	9	--	--	627
		177EW+88	-	189EW+58	--	--	--	6.2	--	36	--	134	--	--	9,866
		193EW+92	-	204EW+34	--	--	--	5.3	153	--	--	115	--	--	8,466
	RAMPS														
	RAMP WS														
		540WS+90	-	553WS+08	--	--	--	6.0	173	--	--	130	--	--	9,560
		560WS+02	-	566WS+05	--	--	--	.8	25	--	--	19	--	--	1,346
	RAMP WN														
		598WN+17	-	605WN+60	--	--	--	4.9	43	20	--	105	--	--	7,734
	RAMP EN														
		523EN+58	-	534EN+71	--	--	--	12.9	339	7	--	278	--	--	20,538
		536EN+02	-	538EN+82	--	--	--	.4	11	--	--	8	--	--	584
	RAMP SE														
		587SE+07	-	594SE+10	--	--	--	4.6	132	--	--	99	--	--	7,328

1

Addendum No. 01
ID 1060-33-81
Revised Sheet 1812
August 17, 2015

(CONTINUED ON NEXT SHEET)

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\030203_mq_misc.ppt PLOT DATE : 8/12/2015 11:39:20 AM PLOT BY : MSCCEJ PLOT NAME : 030203_mq_misc22 PLOT SCALE : 1:1

RESTORATION ITEMS (CONTINUED)

CATEGORY	LOCATION	STATION	TO	STATION	628.6505 SOIL STABILIZER TYPE A ACRE	628.6510 SOIL STABILIZER TYPE B ACRE	629.0205 FERTILIZER TYPE A CWT	629.0210 FERTILIZER TYPE B CWT	630.0130 SEEDING MIXTURE NO. 30 LB	630.0171 SEEDING MIXTURE NO. 70A LB	630.0180 SEEDING MIXTURE NO. 80 LB	630.0200 SEEDING TEMPORARY LB	631.0300 SOD WATER MGAL	631.1000 SOD LAWN SY	SPV.0180.0200 TOPSOIL SPECIAL SY
1000	RAMP LA	703LA+25	-	717LA+90	--	--	--	6.3	180	--	--	135	.1	4	9,966
	RAMP LD	708LD+03	-	712LD+62	--	--	--	1.4	42	--	--	31	--	--	2,296
	RAMP GA	755GA+64	-	762GA+38	--	--	--	.9	26	--	--	20	--	--	1,424
	RAMP GB	740GB+36	-	752GB+03	--	--	--	3.8	109	--	--	82	--	--	6,032
	RAMP GC	738GC+46	-	751GC+72	--	--	--	2.5	71	--	--	54	--	--	3,935
	RAMP GD	755GD+28	-	761GD+58	--	--	--	.8	22	--	--	17	--	--	1,198
		764GD+66	-	774GD+00	--	--	--	1.2	32	--	--	24	3.2	141	1,869
		780GD+50	-	784GD+71	--	--	--	1.4	41	--	--	31	--	--	2,241
		786GD+67	-	791GD+07	--	--	3.3	.2	--	21	--	76	--	--	5,588
	RAMP GE	764GE+53	-	780GE+15	--	--	--	3.2	91	--	--	69	--	--	5,054
		780GE+68	-	785GE+46	--	--	--	2.2	63	--	--	47	--	--	3,463
		786GE+58	-	789GE+95	--	--	--	3.1	--	18	--	67	--	--	4,914
	RAMP BA	724BA+59	-	734BA+18	--	--	--	5.4	63	--	37	116	--	--	8,526
	RAMP BB	799BB+60	-	804BB+61	--	--	--	3.4	14	34	--	74	--	--	5,461
		806BB+93	-	822BB+48	--	--	--	6.3	181	--	--	136	--	--	10,040
	RAMP BC	702BC+52	-	720BC+92	--	--	--	1.5	44	--	--	33	--	--	2,416
	RAMP WJ	746WJ+48	-	750WJ+38	--	--	--	.6	17	--	--	13	--	--	894
	RAMP SA	563SA+28	-	571SA+28	--	--	--	.9	25	--	--	19	--	--	1,367
		573SA+03	-	577SA+88	--	--	--	.3	8	--	--	6	--	--	432
	RAMP SB	548SB+71	-	575SB+30	--	--	--	5.0	121	5	--	107	--	--	7,883
	RAMP SC	533SC+89	-	538SC+00	--	--	--	.2	4	--	2	6	--	--	388
	RAMP SD	531SD+76	-	546SD+15	--	--	--	3.5	51	--	20	75	--	--	5,535

1

Addendum No. 01
ID 1060-33-81
Revised Sheet 1813
August 17, 2015

(CONTINUED ON NEXT SHEET)

RESTORATION ITEMS (CONTINUED)

CATEGORY	LOCATION	STATION	TO	STATION	628.6505 SOIL STABILIZER TYPE A ACRE	628.6510 SOIL STABILIZER TYPE B ACRE	629.0205 FERTILIZER TYPE A CWT	629.0210 FERTILIZER TYPE B CWT	630.0130 SEEDING MIXTURE NO. 30 LB	630.0171 SEEDING MIXTURE NO. 70A LB	630.0180 SEEDING MIXTURE NO. 80 LB	630.0200 SEEDING TEMPORARY LB	631.0300 SOD WATER MGAL	631.1000 SOD LAWN SY	SPV.0180.0200 TOPSOIL SPECIAL SY
1000	RAMP FC														
		789FC+81	-	802FC+15	--	--	--	6.9	199	--	--	149	--	--	11,025
	RAMP FH														
		789FH+56	-	806FH+55	--	--	--	10.4	48	51	--	224	--	--	16,582 (1)
	LOCAL ROADS														
	W. SCHLINGER AVENUE														
		525SCH+60	-	533SCH+10	--	--	--	.2	--	--	--	--	6.2	276	276
	S. 100TH STREET														
		12TD+42	-	19TD+27	--	--	--	.6	--	--	--	--	20.0	889	889
		30TD+49	-	37TD+07	--	--	--	.5	--	--	--	--	17.6	782	782
		37TD+76	-	42TD+33	--	--	--	.7	15	--	--	12	8.1	359	1,175
		17TE+00	-	21TE+10	--	--	--	.1	--	--	--	--	3.2	141	141
	W. WISCONSIN AVENUE														
		19WX+98	-	27WX+13	--	--	--	1.7	6	--	--	5	53.3	2,372	2,701 (1)
		30WX+07	-	36WX+92	--	--	--	1.2	11	--	--	8	29.2	1,301	1,876
	N. 97TH STREET														
		46TT+13		49TT+58	--	--	--	.4	--	--	--	--	12.6	561	561
	N. 95TH STREET														
		48TRN+50		49TRN+59	--	--	--	.1	--	--	--	--	4.0	176	176
		50TRN+52	-	50TRN+94	--	--	--	--	--	--	--	--	.8	37	37
	S.CURTIS ROAD														
		11CT+33		13CT+98	--	--	--	.1	3	--	--	3	--	--	148
	UTILITY ACCESS PATH														
		10XM+12	-	24XM+70	--	--	--	2.5	71	--	1	55	--	--	4,037
	HANK AARON STATE TRAIL														
		111HA+34	-	193HA+13	--	--	--	10.5	301	--	--	226	--	--	16,716
	BIKE PATH A														
		10BPA+08	-	13BPA+17	--	--	--	.8	--	5	--	17	--	--	1,239
	BIKE PATH B														
		10BPB+15	-	17BPB+33	--	--	--	2.8	58	--	10	61	--	--	4,476
	RAMP BD GRADING														
		729BD+89	-	733BD+98	--	--	--	2.3	67	--	--	50	--	--	3,702
	BURLEIGH BOOSTER STATION														
		UTILITY WORK			--	--	--	.4	--	--	--	--	15.9	709	709
	NW INFIELD														
		484NW+14	-	491NW+70	--	--	--	9.0	--	52	--	194	--	--	14,322

(1)

Addendum No. 01
ID 1060-33-81
Revised Sheet 1814
August 17, 2015

(CONTINUED ON NEXT SHEET)

RESTORATION ITEMS (CONTINUED)

CATEGORY	LOCATION	STATION	TO	STATION	628.6505 SOIL STABILIZER TYPE A ACRE	628.6510 SOIL STABILIZER TYPE B ACRE	629.0205 FERTILIZER TYPE A CWT	629.0210 FERTILIZER TYPE B CWT	630.0130 SEEDING MIXTURE NO. 30 LB	630.0171 SEEDING MIXTURE NO. 70A LB	630.0180 SEEDING MIXTURE NO. 80 LB	630.0200 SEEDING TEMPORARY LB	631.0300 SOD WATER MGAL	631.1000 SOD LAWN SY	SPV.0180.0200 TOPSOIL SPECIAL SY
1000	SW CORE POND	10PSW+00	-	14PSW+98	--	.8	7.3	--	--	42	--	156	--	--	11,541
	TEMP POND	180EW+50	-	185EW+96	--	1.4	--	--	--	--	--	--	--	--	--
	TEMP CHANNEL	11PSW+14	-	13PSW+34	--	.9	--	--	--	--	--	--	--	--	--
	SUBTOTALS				--	3.7	14.1	220.2	4,309	399	176	4,961	174.2	7,748	372,415
	UNDISTRIBUTED				1.0	15.0	1.4	22.0	431	40	18	496	17.4	775	--
	TOTALS				1.0	18.7	15.5	242.2	4,740	439	194	5,457	191.6	8,523	372,415

1

ROOT STOCK

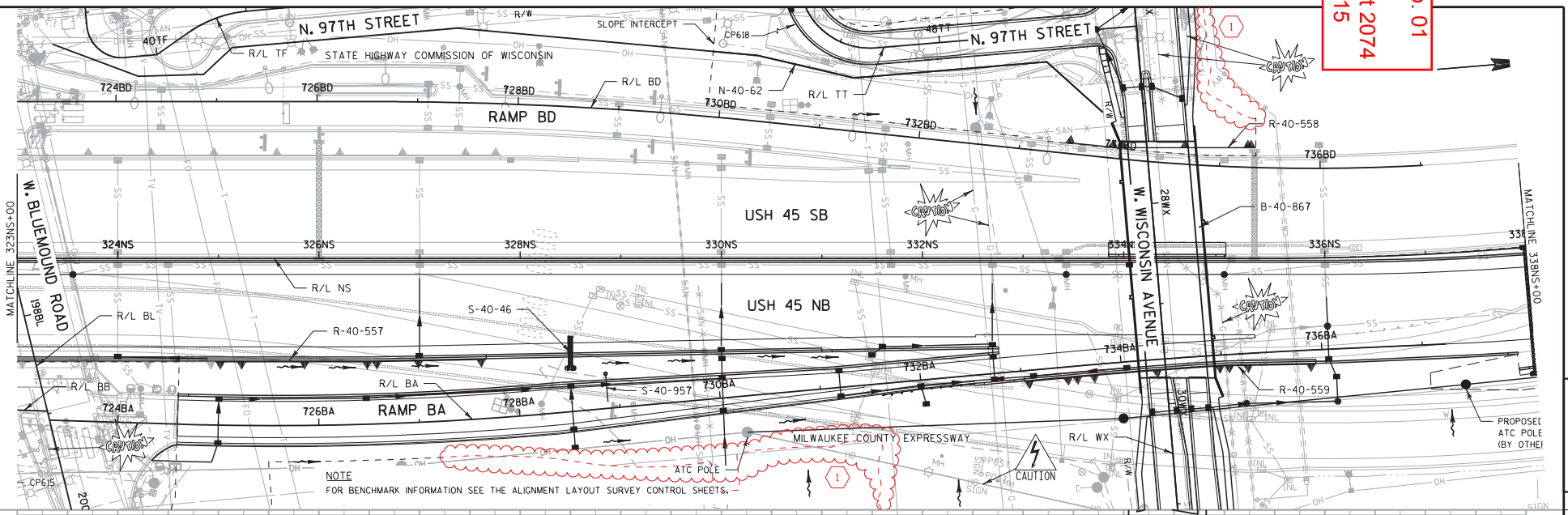
CATEGORY	LOCATION	SPV.0005.0001 ROOT STOCK PROTECTION ACRE	SPV.0060.0013 SHALLOW MARSH ROOTSTOCK EACH
	MAINLINE		
1000	SW CORE POND	0.1	130
	TOTAL	0.1	130

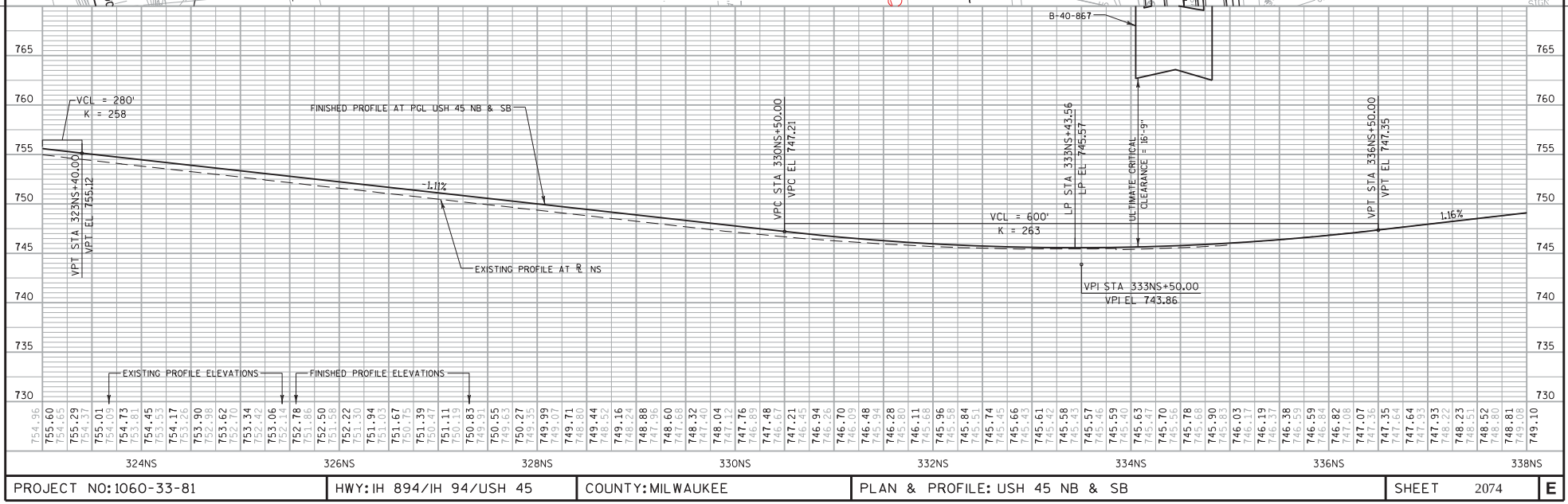
Addendum No. 01
ID 1060-33-81
Revised Sheet 1815
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES	SHEET: 1815	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\030203_mq_misc.ppt PLOT DATE : 8/12/2015 4:43:49 PM PLOT BY : MSCCEJ PLOT NAME : 030203_mq_misc25 PLOT SCALE : 1:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 2074
August 17, 2015



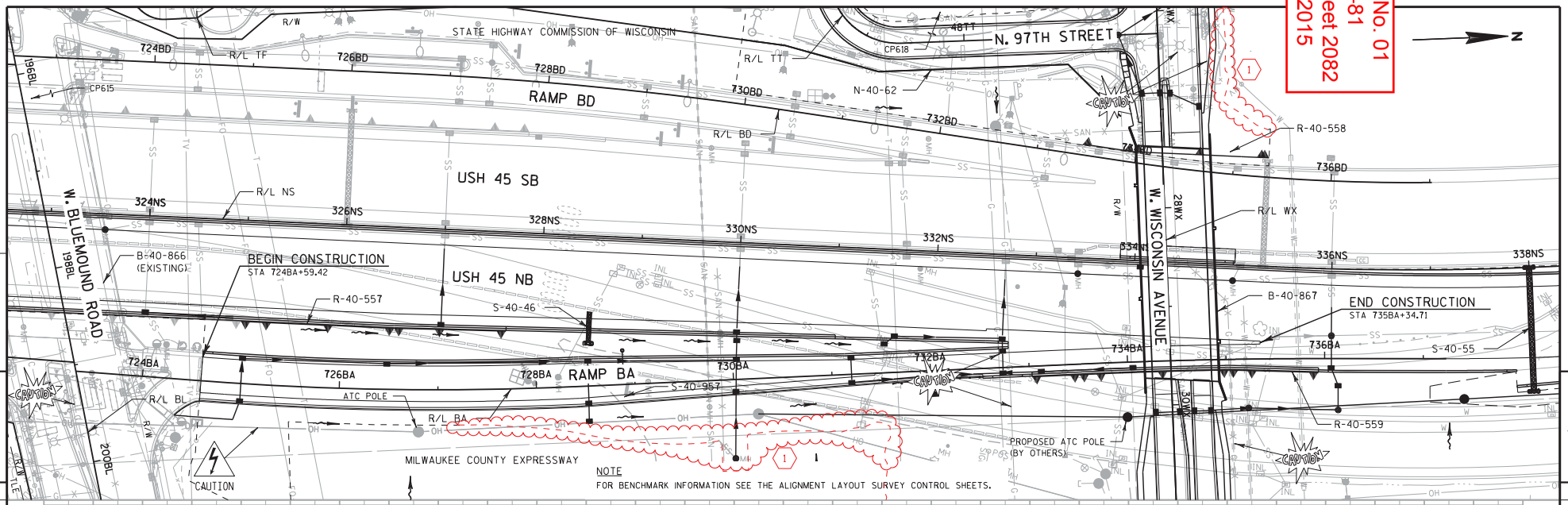


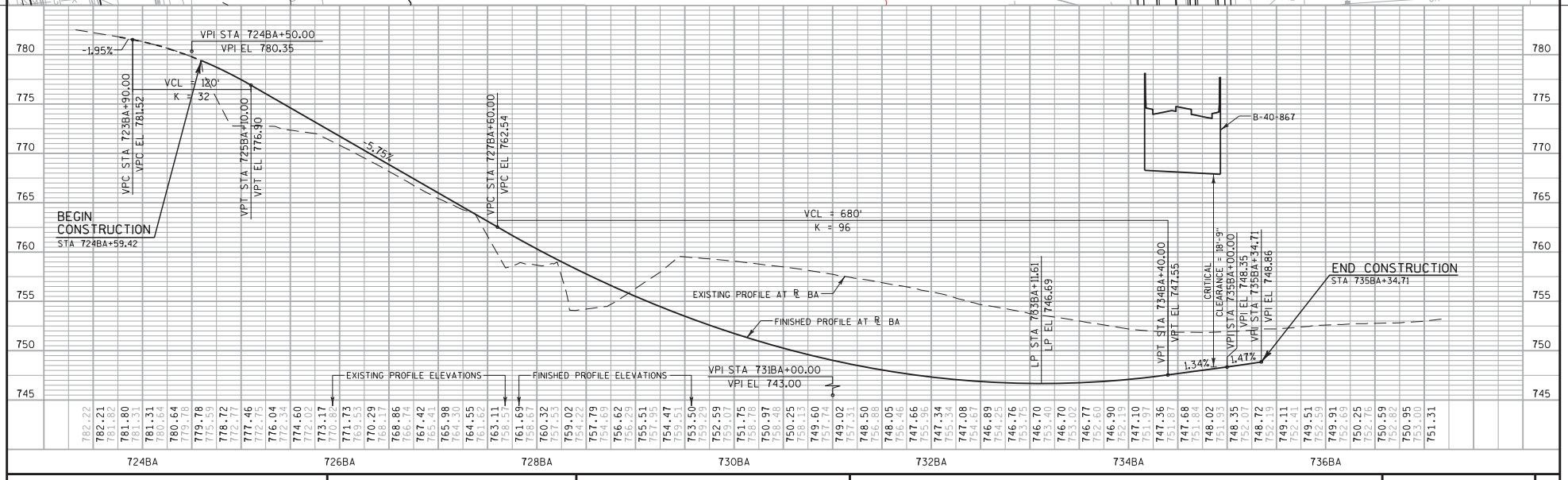
PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	PLAN & PROFILE: USH 45 NB & SB	SHEET 2074	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\050110_pp.dgn PLOT DATE : 12-AUG-2015 18:28 PLOT BY : MSCD1S PLOT NAME : 050110_pp PLOT SCALE : 100:1

WISDOT/CADDS SHEET 40

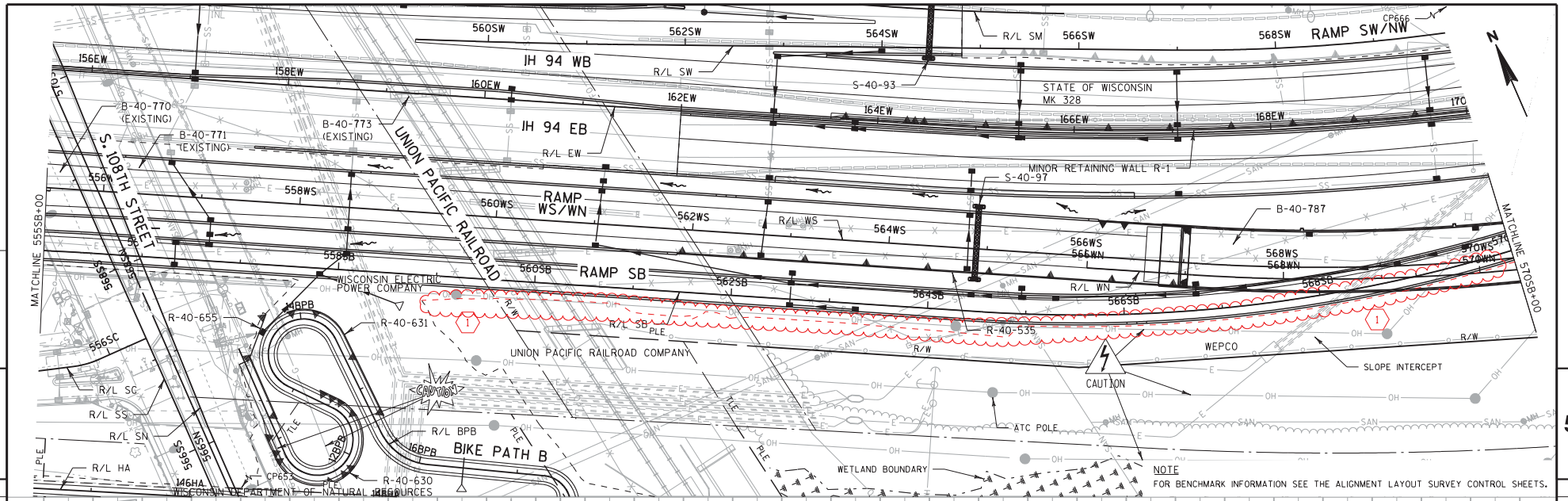
Addendum No. 01
ID 1060-33-81
Revised Sheet 2082
August 17, 2015

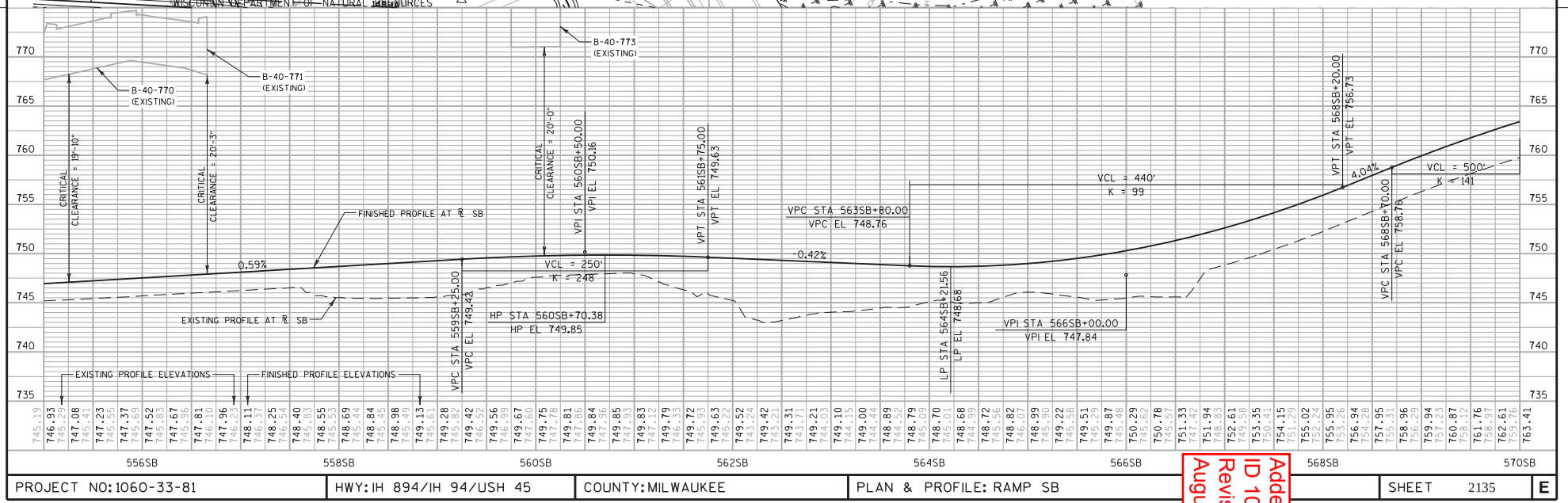




PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	PLAN & PROFILE: RAMP BA	SHEET 2082	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\050316_pp.dgn PLOT DATE : 12-AUG-2015 18:28 PLOT BY : MSCD1S PLOT NAME : 050316_pp PLOT SCALE : 100:1



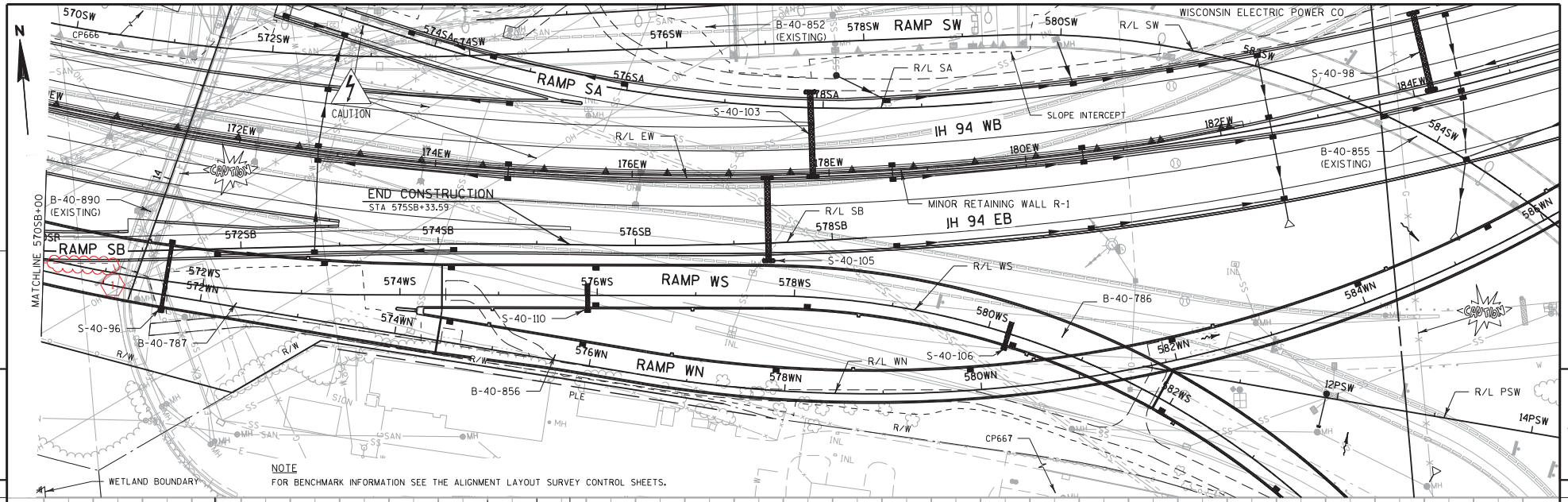


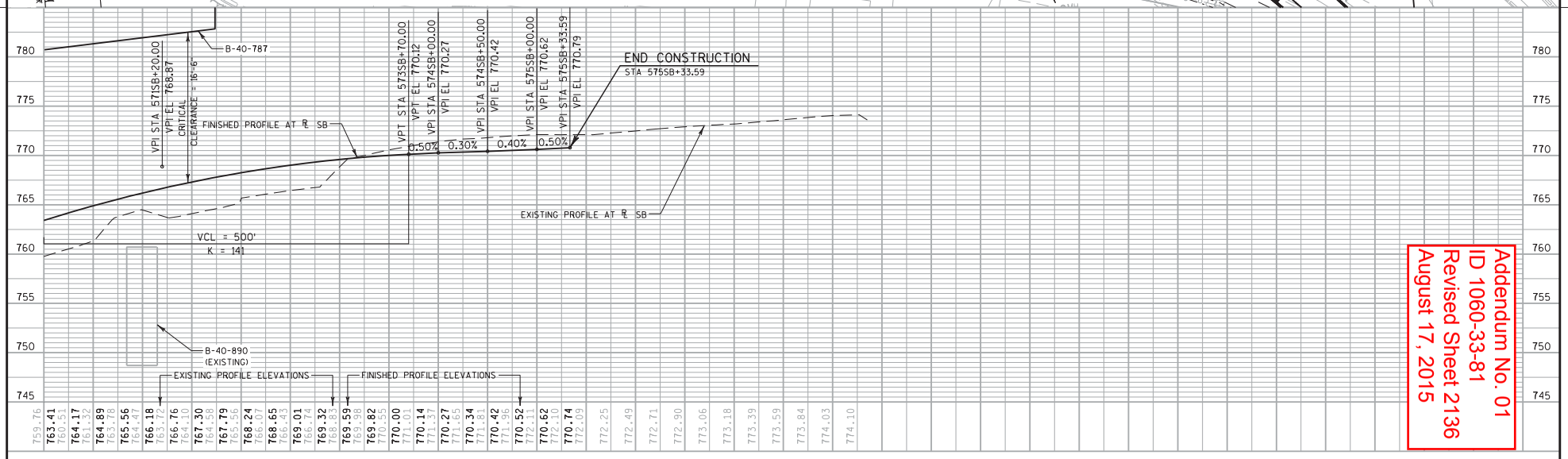
PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	PLAN & PROFILE: RAMP SB	SHEET 2135	E

FILE NAME : W:\CADD\Final\10603381_Z2\Roads\cds\050328_pp.dgn PLOT DATE : 11-AUG-2015 13:50 PLOT BY : MSCD1S PLOT NAME : 050328_pp 100:1

WISDOT/CADDS SHEET 40

Addendum No. 01
ID 1060-33-81
Revised Sheet 2135
August 17, 2015

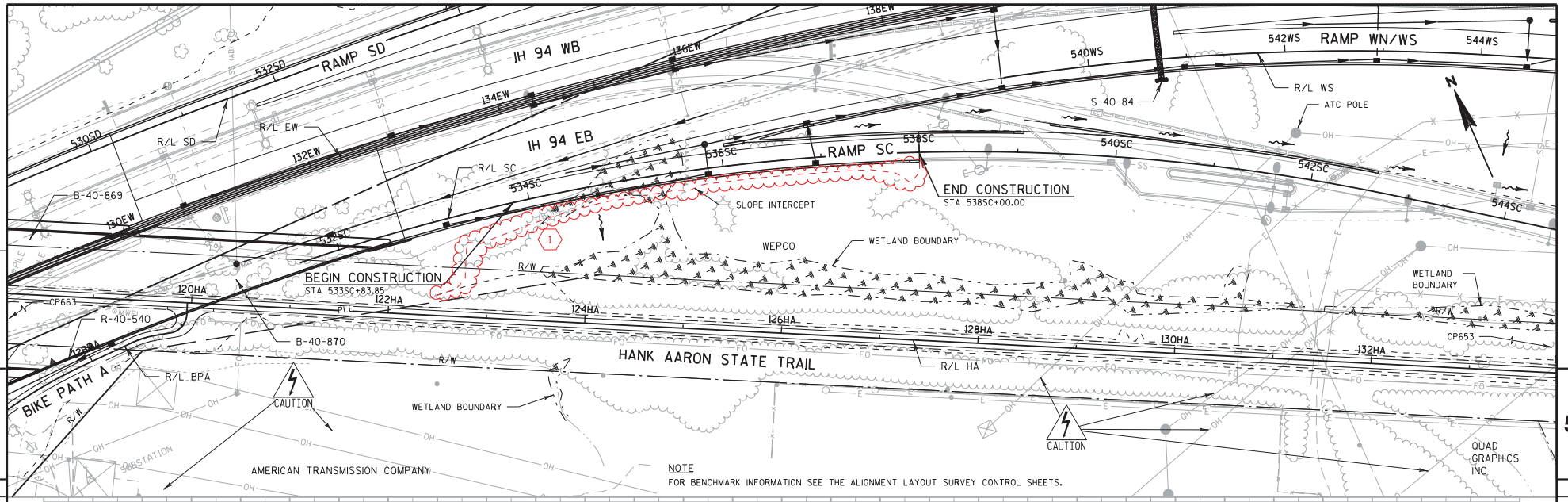


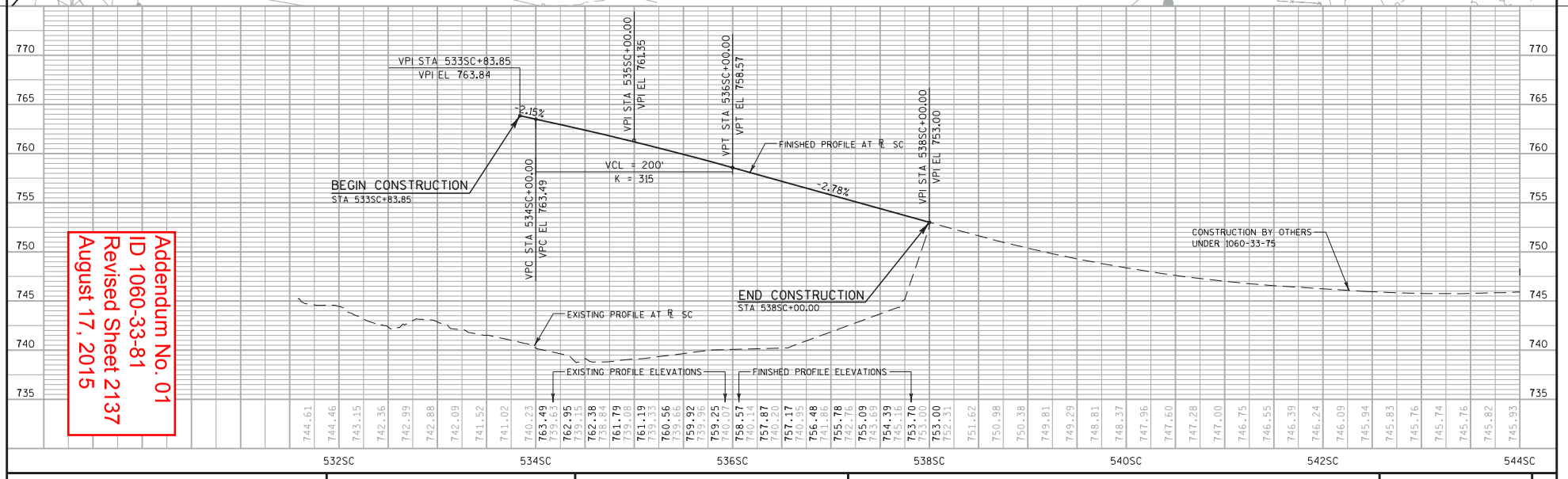


Addendum No. 01
ID 1060-33-81
Revised Sheet 2136
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	PLAN & PROFILE: RAMP SB	SHEET 2136	E

FILE NAME : W:\CADD\Final\10603381_Z2\Roads\cds\050329_pp.dgn
PLOT DATE : 11-AUG-2015 13:53
PLOT BY : MSCD1S
PLOT NAME : 050329_pp
PLOT SCALE : 100:1



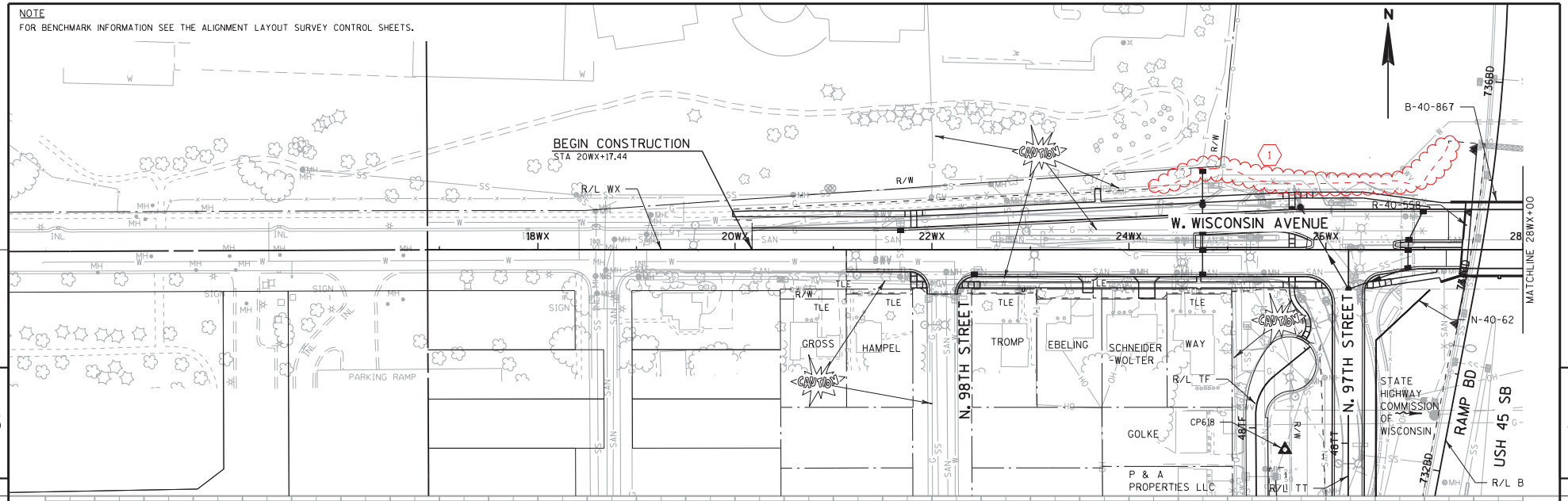


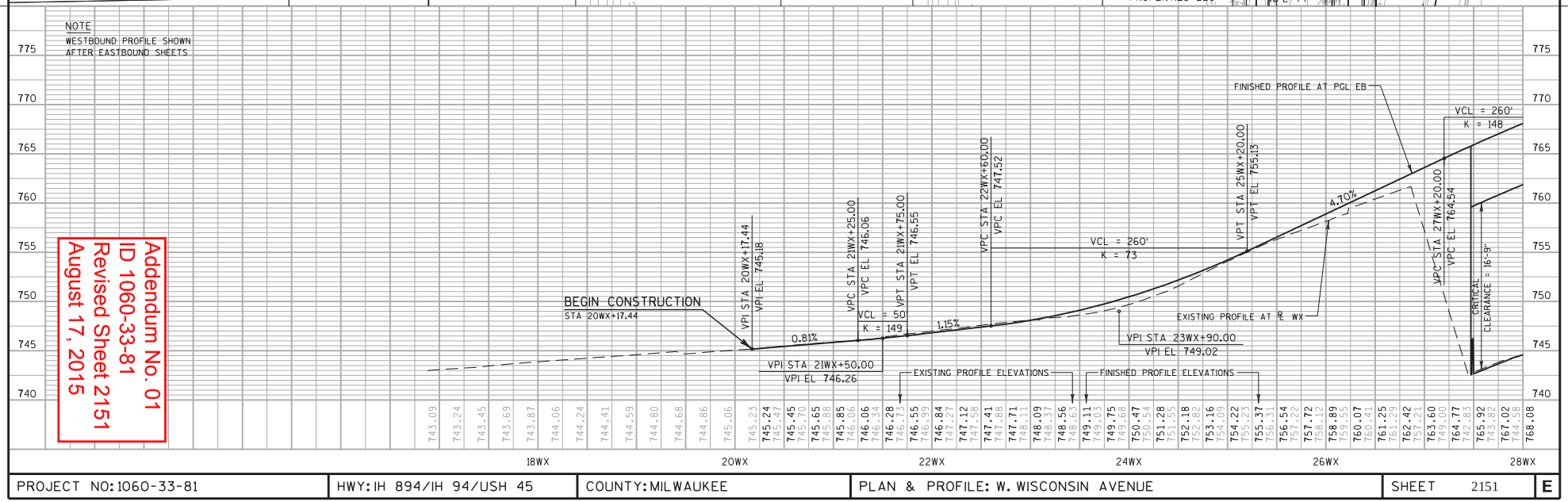
Addendum No. 01
ID 1060-33-81
Revised Sheet 2137
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	PLAN & PROFILE: RAMP SC	SHEET 2137	E

FILE NAME : W:\CADD\Final\10603381_Z2\Roads\cds\050330_pp.dgn PLOT DATE : 11-AUG-2015 13:57 PLOT BY : MSCD1S PLOT NAME : 050330_pp PLOT SCALE : 100:1

NOTE
FOR BENCHMARK INFORMATION SEE THE ALIGNMENT LAYOUT SURVEY CONTROL SHEETS.





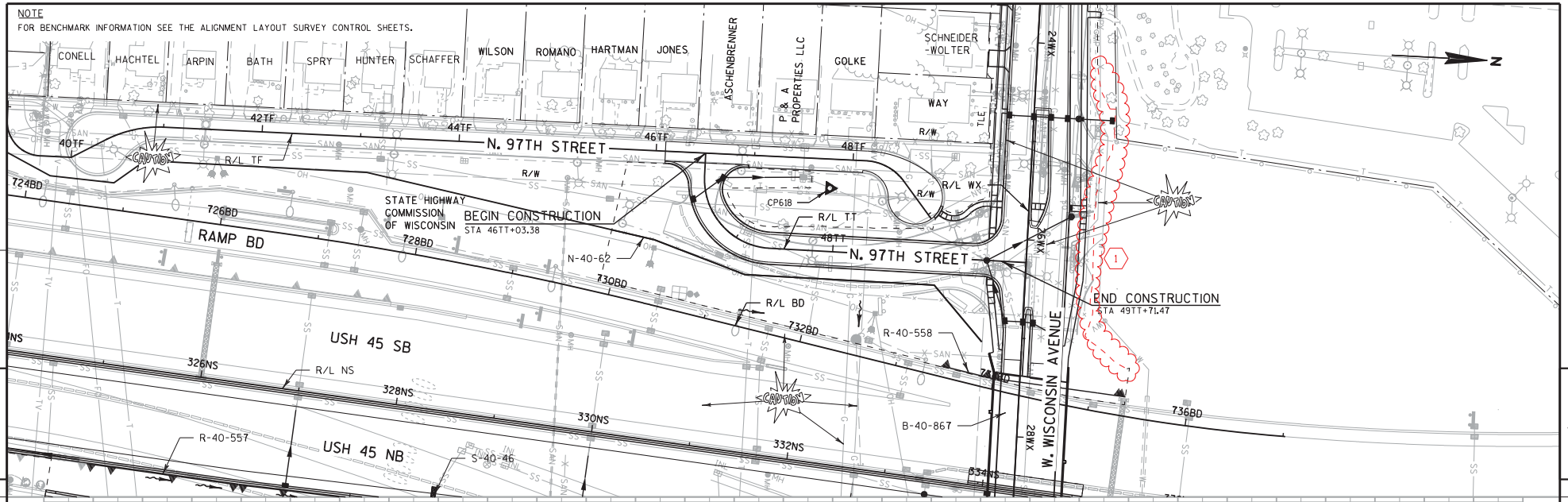
Addendum No. 01
ID 1060-33-81
Revised Sheet 2151
August 17, 2015

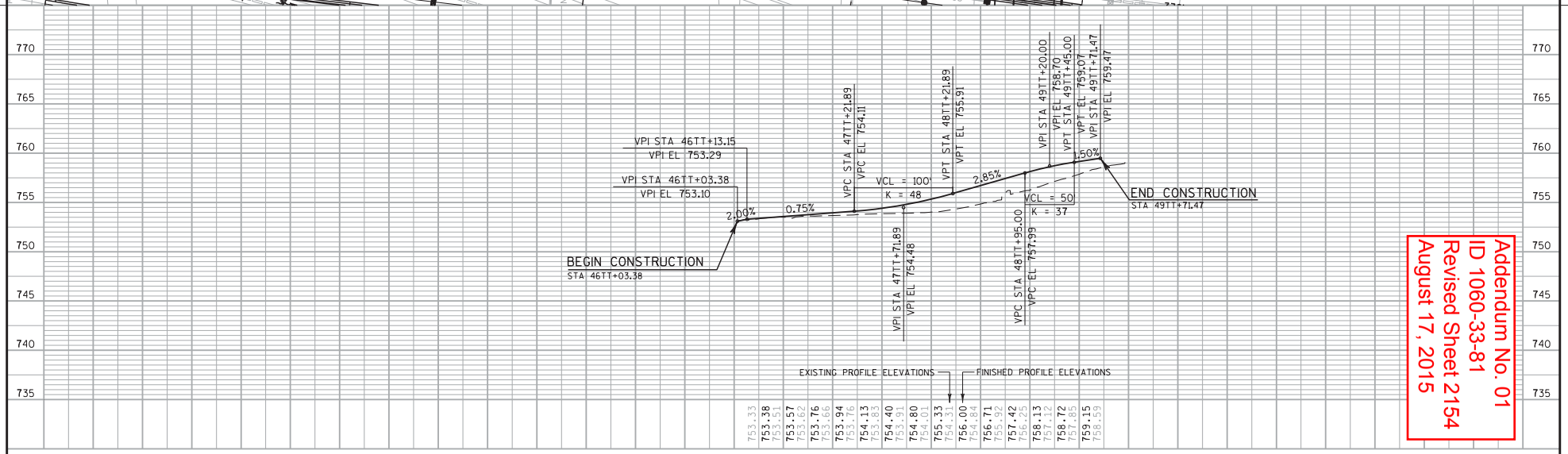
PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	PLAN & PROFILE: W. WISCONSIN AVENUE	SHEET 2151	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\050405_pp.dgn PLOT DATE : 12-AUG-2015 18:24 PLOT BY : MSCD1S PLOT NAME : 050405_pp PLOT SCALE : 100:1

WISDOT/CADDS SHEET 40

NOTE
FOR BENCHMARK INFORMATION SEE THE ALIGNMENT LAYOUT SURVEY CONTROL SHEETS.

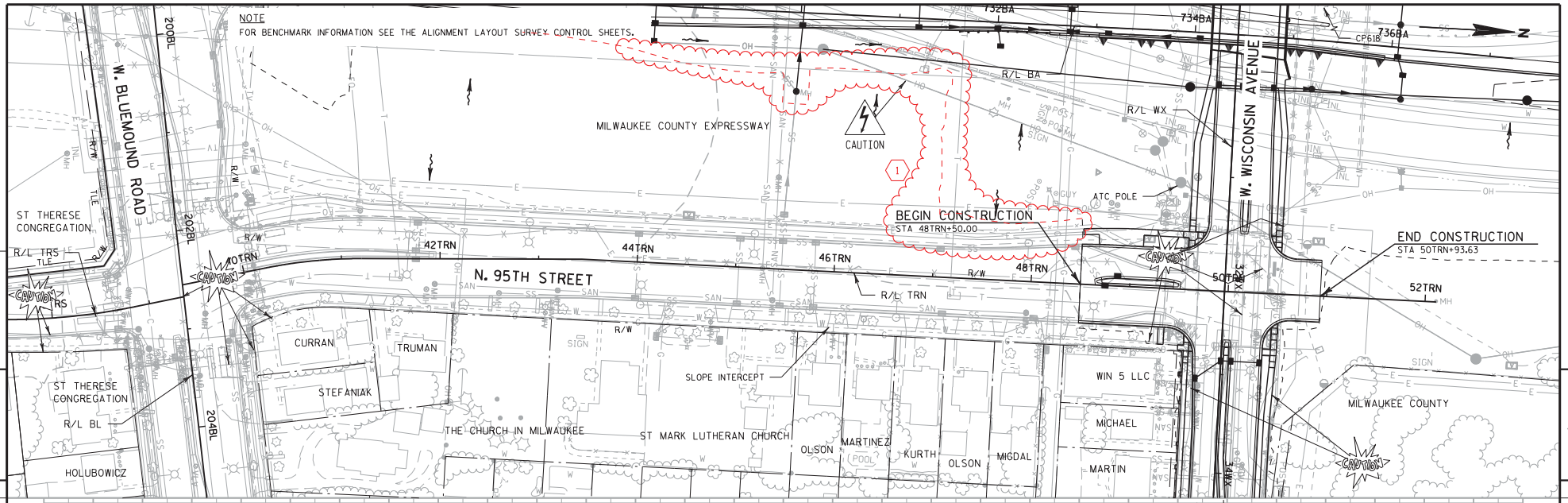


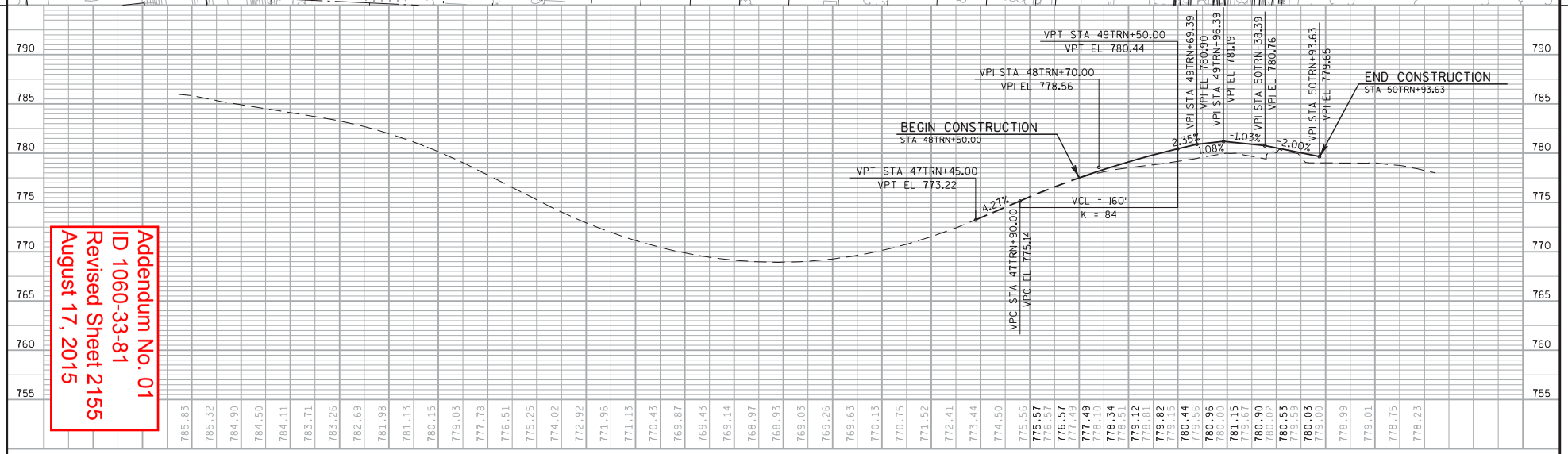


Addendum No. 01
ID 1060-33-81
Revised Sheet 2154
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	PLAN & PROFILE: N. 97TH STREET	SHEET 2154	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\050408_pp.dgn PLOT DATE : 12-AUG-2015 18:28 PLOT BY : MSCD1S PLOT NAME : 050408_pp PLOT SCALE : 100:1





Addendum No. 01
ID 1060-33-81
Revised Sheet 2155
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	PLAN & PROFILE: N. 95TH STREET	SHEET 2155	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\050409_pp.dgn PLOT DATE : 12-AUG-2015 18:29 PLOT BY : MSCD1S PLOT NAME : 050409_pp PLOT SCALE : 100:1

WISDOT/CADDS SHEET 40

STATE PROJECT NUMBER
1060-33-81

TOTAL ESTIMATED QUANTITIES

SPV.0165.4785 CONCRETE STAINING PREVIOUSLY CONSTRUCTED STRUCTURE

STRUCTURE NUMBER	PREVIOUS PROJECT ID	QUANTITY (SF)	STRUCTURE NUMBER	PREVIOUS PROJECT ID	QUANTITY (SF)
B-40-770	1060-33-75	17,100	S-40-22	1060-33-80	1,080
B-40-771	1060-33-75	22,200	S-40-27	1060-33-80	970
B-40-773	1060-33-75	14,900	S-40-28	1060-33-80	410
B-40-774	1060-33-75	6,400	S-40-44	1060-33-80	690
B-40-868	1060-33-75	8,000	S-40-47	1060-33-80	740
R-40-471	1060-33-75	5,300	S-40-50	1060-33-80	950
R-40-472	1060-33-75	4,600	S-40-51	1060-33-80	830
R-40-482	1060-33-75	10,400	S-40-65	1060-33-80	430
R-40-537	1060-33-75	6,490	S-40-85	1060-33-80	460
R-40-538	1060-33-75	2,500	S-40-87	1060-33-80	930
S-40-89	1060-33-75	1,000	S-40-116	1060-33-80	720
S-40-90	1060-33-75	1,590	S-40-117	1060-33-80	530
B-40-769	1060-33-77	14,650	S-40-118	1060-33-80	420
B-40-799	1060-33-78	2,560	S-40-119	1060-33-80	400
B-40-789	1060-33-80	2,240	S-40-121	1060-33-80	490
B-40-791	1060-33-80	10,160	S-40-122	1060-33-80	1,340
B-40-798	1060-33-80	3,015	S-40-124	1060-33-80	390
B-40-849	1060-33-80	3,165	S-40-129	1060-33-80	400
B-40-852	1060-33-80	15,915	S-40-130	1060-33-80	470
B-40-855	1060-33-80	38,700	S-40-131	1060-33-80	400
B-40-857	1060-33-80	10,150	S-40-132	1060-33-80	900
B-40-862	1060-33-80	18,485	S-40-134	1060-33-80	410
B-40-863	1060-33-80	3,065	S-40-135	1060-33-80	650
B-40-864	1060-33-80	3,245	S-40-136	1060-33-80	720
B-40-866	1060-33-80	11,740	S-40-137	1060-33-80	260
B-40-891	1060-33-80	2,530	S-40-146	1060-33-80	420
R-40-501	1060-33-80	1,390	S-40-788	1060-33-80	290
R-40-504	1060-33-80	44,480	S-40-789	1060-33-80	280
R-40-514	1060-33-80	9,280	S-40-790	1060-33-80	290
R-40-522	1060-33-80	2,230	B-40-884	1090-07-73	8,300
R-40-523	1060-33-80	840	R-40-580	1090-07-73	860
R-40-536	1060-33-80	23,340	R-40-581	1090-07-73	800
R-40-546	1060-33-80	46,870	B-40-889	1100-03-79	23,600
R-40-548	1060-33-80	45,910	R-40-614	1100-03-79	870
R-40-551	1060-33-80	15,030	R-40-615	1100-03-79	640
R-40-552	1060-33-80	34,900	R-40-616	1100-03-79	1,060
R-40-556	1060-33-80	18,360	R-40-617	1100-03-79	770

(1)

TOTAL ESTIMATED QUANTITY SUMMARY

BID ITEM NO.	BID ITEMS	UNIT	TOTAL (1)
SPV.0165.4785	CONCRETE STAINING PREVIOUSLY CONSTRUCTED STRUCTURE	SF	536,900
SPV.0165.4786	CONCRETE STAINING MULTI-COLOR PREVIOUSLY CONSTRUCTED STRUCTURE	SF	4,380

ALL BID ITEMS ARE CATEGORY 4800

TOTAL ESTIMATED QUANTITIES

SPV.0165.4786 CONCRETE STAINING MULTI-COLOR PREVIOUSLY CONSTRUCTED STRUCTURE

STRUCTURE NUMBER	PREVIOUS PROJECT ID	QUANTITY (SF)
R-40-618	1060-33-80	830
R-40-619	1060-33-80	1,090
R-40-620	1060-33-80	1,350
MINOR RETAINING WALL R-1	1060-33-80	1,110

Addendum No. 01
ID 1060-33-81
Revised Sheet 3934
August 17, 2015

GENERAL NOTES

THESE PLANS ARE FOR THE CONCRETE STAINING OF PREVIOUSLY CONSTRUCTED STRUCTURES.

ALL WORK SHALL BE PERFORMED IN ACCORANCE WITH THE SPECIAL PROVISIONS "CONCRETE STAINING PREVIOUSLY CONSTRUCTED STRUCTURE" AND "CONCRETE STAINING MULTI-COLOR PREVIOUSLY CONSTRUCTED STRUCTURE"

FOR STRUCTURE AESTHETIC SHEETS OF PREVIOUSLY CONSTRUCTED STRUCTURES, SEE "FOR INFORMATION ONLY" PLAN SHEETS LOCATED AFTER THE ROADWAY CROSS SECTION SHEETS.

LIST OF DRAWINGS

1. CONCRETE STAINING QUANTITIES
2. STAINING EXISTING STRUCTURES (OVERVIEW 1 OF 3)
3. STAINING EXISTING STRUCTURES (OVERVIEW 2 OF 3)
4. STAINING EXISTING STRUCTURES (OVERVIEW 3 OF 3)

William C. Dreher SDR
08/13/15

WISCONSIN
KARL E. SCHMID
E-30812
MILWAUKEE, WI
PROFESSIONAL ENGINEER
8/12/2015

STRUCTURES DESIGN CONTACTS

BRIDGE OFFICE:
WILLIAM DREHER (608) 266-8489
CONSULTANT:
KARL SCHMID (414) 272-2426

NO.	DATE	REVISION	BY
(1)	8/13/15	STAINING ADD'L STRUCTURES	KES

FORWARD 45

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ _____
CHIEF STRUCTURES DESIGN ENGINEER DATE

CONC STAIN EXST STRUCTURES

ZOO INTERCHANGE

COUNTY	TOWN/CITY/~~VILLAGE~~
MILWAUKEE	WAUWATOSA/WEST ALLIS

DESIGN SPEC. N/A

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
KES	EKM	KES	KES

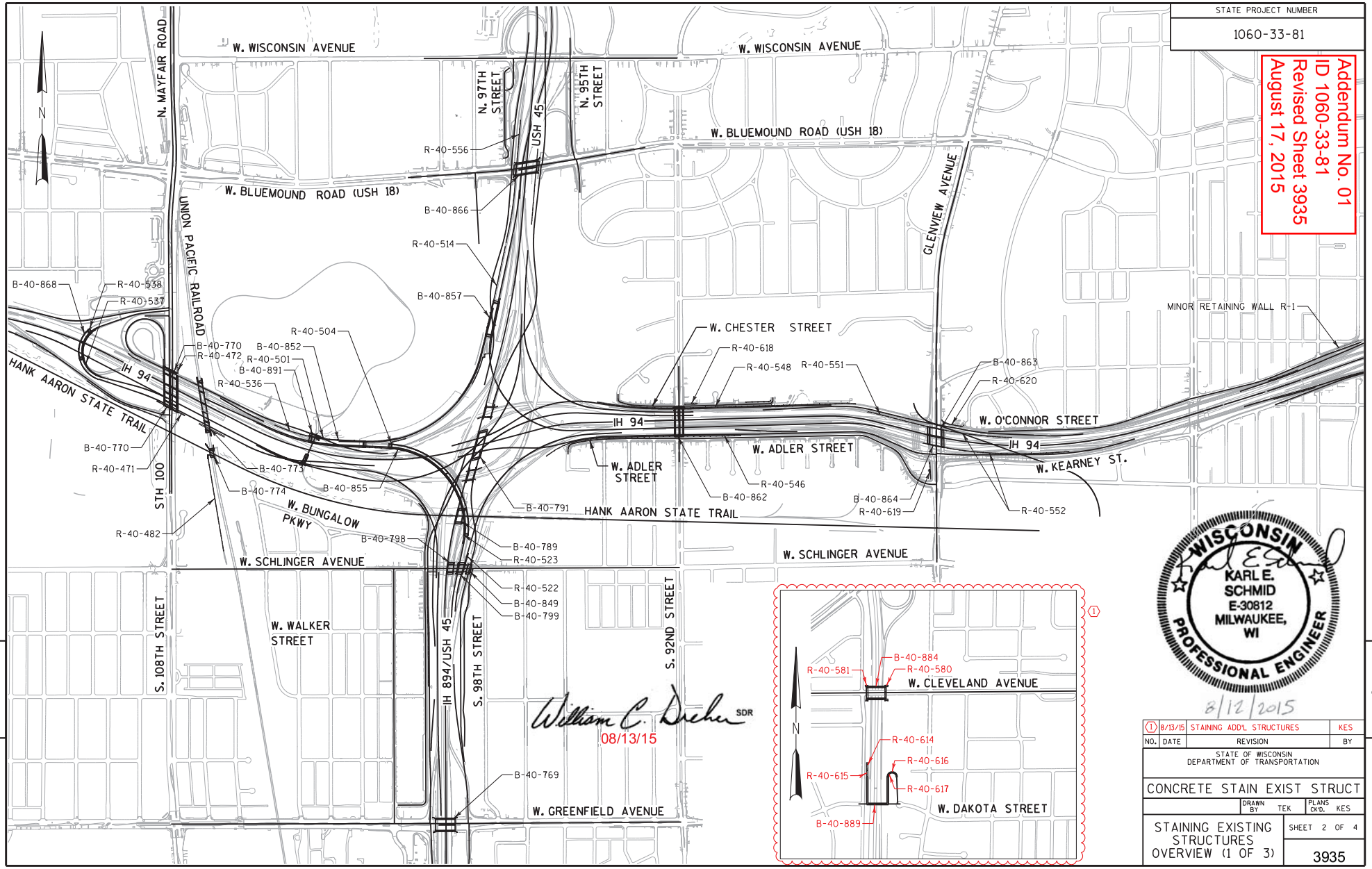
CONCRETE STAINING QUANTITIES

SHEET 1 OF 4

3934

8

8



STATE PROJECT NUMBER

1060-33-81

Addendum No. 01
ID 1060-33-81
Revised Sheet 3935
August 17, 2015

8

8

WISCONSIN
KARL E. SCHMID
E-30812
MILWAUKEE, WI
PROFESSIONAL ENGINEER

8/12/2015

NO.	DATE	REVISION	BY
1	8/13/15	STAINING ADD'L STRUCTURES	KES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

CONCRETE STAIN EXIST STRUCT

DRAWN BY TEK | PLANS CK'D. KES

STAINING EXISTING STRUCTURES OVERVIEW (1 OF 3)

SHEET 2 OF 4

3935

William C. Drecher SDR
08/13/15

FILE NAME : W:\Cadd\Final\10603381_Z2\Structs\Concrete Staining\Conc_stain_102_gp.dgn
PLOT DATE : 12-AUG-2015 13:34
PLOT BY : mscke
PLOT NAME : Conc_stain_102_gp
PLOT SCALE : 900:1

(CONTINUED)

Division 2 IH 94 EB

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/ Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.0	Cumulative Vol (CY) Expanded Fill 1.2	Cumulative Vol (CY) Expanded EBS Backfill 1.3 Note 4	Cumulative Vol (CY) Reduced EBS In Fill 0.8 Note 5	Mass Ordinate Note 6
124+50	12450.00	50.00	0.00	0.00	610.38	0.00	1.96	0.00	1098.00	0.00	8.70	26317.02	0.00	0.00	-26308.31
125+00	12500.00	50.00	1.75	0.00	641.60	0.00	1.62	0.00	1159.24	0.00	10.32	27708.10	0.00	0.00	-27697.78
125+50	12550.00	50.00	1.82	0.00	633.34	0.00	3.31	0.00	1180.50	0.00	13.63	29124.70	0.00	0.00	-29111.07
126+00	12600.00	50.00	0.00	0.00	609.63	0.00	1.69	0.00	1150.90	0.00	15.31	30505.78	0.00	0.00	-30490.47
126+50	12650.00	50.00	0.00	0.00	605.92	0.00	0.00	0.00	1125.51	0.00	15.31	31856.39	0.00	0.00	-31841.08
126+86	12685.83	35.83	0.00	0.00	648.57	0.00	0.00	0.00	832.38	0.00	15.31	32855.25	0.00	0.00	-32839.93
128+66	12865.50	179.67	1.24	0.00	906.30	0.00	4.13	0.00	5173.40	0.00	19.44	39063.32	0.00	0.00	-39043.88
129+11 BK	12910.83	45.33	0.00	0.00	0.00	1.00	1.04	0.00	760.79	0.00	20.48	39976.27	0.00	0.00	-39955.79
130+07 AH	13007.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132+30	13230.43	223.39	0.00	0.00	1439.17	0.00	0.00	0.00	5953.63	0.00	0.00	7144.36	0.00	0.00	-7144.36
132+50	13250.00	19.57	0.00	0.00	1657.93	0.00	0.00	0.00	1122.41	0.00	0.00	8491.25	0.00	0.00	-8491.25
133+00	13300.00	50.00	0.00	0.00	1435.31	0.00	0.00	0.00	2864.11	0.00	0.00	11928.19	0.00	0.00	-11928.19
133+50	13350.00	50.00	0.00	0.00	955.92	0.00	0.00	0.00	2214.10	0.00	0.00	14585.11	0.00	0.00	-14585.11
133+89	13388.57	38.57	32.11	0.00	914.54	0.00	22.93	0.00	1335.99	0.00	22.93	16188.30	0.00	0.00	-16165.37
133+89	13388.57	0.00	0.00	0.00	530.06	0.00	0.00	0.00	0.00	0.00	22.93	16188.30	0.00	0.00	-16165.37
134+00	13400.00	11.43	0.00	0.00	526.33	0.00	0.00	0.00	223.60	0.00	22.93	16456.62	0.00	0.00	-16433.69
134+50	13450.00	50.00	0.00	0.00	506.81	0.00	0.00	0.00	956.61	0.00	22.93	17604.56	0.00	0.00	-17581.62
135+00	13500.00	50.00	0.00	0.00	479.23	0.00	0.00	0.00	913.00	0.00	22.93	18700.16	0.00	0.00	-18677.22
135+50	13550.00	50.00	0.00	0.00	435.72	0.00	0.00	0.00	847.18	0.00	22.93	19716.77	0.00	0.00	-19693.83
136+00	13600.00	50.00	0.00	0.00	351.70	0.00	0.00	0.00	729.09	0.00	22.93	20591.68	0.00	0.00	-20568.75
136+50	13650.00	50.00	0.00	0.00	200.03	0.00	0.00	0.00	510.86	0.00	22.93	21204.71	0.00	0.00	-21181.78
136+53	13652.65	2.65	0.00	0.00	201.54	0.00	0.00	0.00	19.71	0.00	22.93	21228.36	0.00	0.00	-21205.43
137+00	13700.00	47.35	0.10	0.00	200.26	0.00	0.09	0.00	352.32	0.00	23.02	21651.14	0.00	0.00	-21628.12
137+50	13750.00	50.00	0.00	0.00	185.24	0.00	0.09	0.00	356.94	0.00	23.12	22079.48	0.00	0.00	-22056.36
138+00	13800.00	50.00	0.00	0.00	132.31	0.00	0.00	0.00	294.03	0.00	23.12	22432.31	0.00	0.00	-22409.20
138+50	13850.00	50.00	15.39	0.00	115.13	0.00	14.25	0.00	229.11	0.00	37.37	22707.24	0.00	0.00	-22669.88

1

Addendum No. 01
ID 1060-33-81
Revised Sheet 4642
August 17, 2015

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

(CONTINUED ON NEXT SHEET)

(CONTINUED)

Division 2 IH 94 EB

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/ Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.0	Cumulative Vol (CY) Expanded Fill 1.2	Cumulative Vol (CY) Expanded EBS Backfill 1.3 Note 4	Cumulative Vol (CY) Reduced EBS In Fill 0.8 Note 5	Mass Ordinate Note 6
137+50	13750.00	50.00	0.00	0.00	185.24	0.00	0.09	0.00	356.94	0.00	23.12	22079.48	0.00	0.00	-22056.36
138+00	13800.00	50.00	0.00	0.00	132.31	0.00	0.00	0.00	294.03	0.00	23.12	22432.31	0.00	0.00	-22409.20
138+50	13850.00	50.00	15.39	0.00	115.13	0.00	14.25	0.00	229.11	0.00	37.37	22707.24	0.00	0.00	-22669.88
139+00	13900.00	50.00	15.66	0.00	101.38	0.00	28.75	0.00	200.47	0.00	66.12	22947.81	0.00	0.00	-22881.70
139+50	13950.00	50.00	7.11	0.00	76.37	0.00	21.08	0.00	164.58	0.00	87.20	23145.31	0.00	0.00	-23058.11
140+00	14000.00	50.00	29.28	0.00	50.86	0.00	33.69	0.00	117.81	0.00	120.89	23286.68	0.00	0.00	-23165.78
140+50	14050.00	50.00	55.29	0.00	63.30	0.00	78.31	0.00	105.70	0.00	199.20	23413.52	0.00	0.00	-23214.32
140+93	14092.87	42.87	61.90	0.00	3.35	0.00	93.04	0.00	52.91	0.00	292.23	23477.02	0.00	0.00	-23184.78
140+93	14092.87	0.00	11.01	0.00	3.36	0.00	0.00	0.00	0.00	0.00	292.23	23477.02	0.00	0.00	-23184.78
141+00	14100.00	7.13	9.14	0.00	4.30	0.00	2.66	0.00	1.01	0.00	294.89	23478.23	0.00	0.00	-23183.34
141+50	14150.00	50.00	3.18	0.00	13.31	0.00	11.41	0.00	16.31	0.00	306.30	23497.80	0.00	0.00	-23191.50
142+00	14200.00	50.00	0.05	0.00	18.94	0.00	2.99	0.00	29.86	0.00	309.29	23533.63	0.00	0.00	-23224.34
142+50	14250.00	50.00	0.00	0.00	21.10	0.00	0.05	0.00	37.07	0.00	309.34	23578.12	0.00	0.00	-23268.78
143+00 BK	14300.00	50.00	0.00	0.00	11.15	0.00	0.00	0.00	29.86	0.00	309.34	23613.95	0.00	0.00	-23304.61
					Column totals		2113.82	0.00	59262.30	0.00					

1

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

Addendum No. 01
ID 1060-33-81
Revised Sheet 4643
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EARTHWORK	SHEET: 4643	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090101_ew.ppt PLOT DATE : 8/12/2015 4:41:50 PM PLOT BY : MSCCEJ PLOT NAME : 090101_ew19 PLOT SCALE : 1:1

(CONTINUED)

Division 2 RAMP WS

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/ Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00	Cumulative Vol (CY) Expanded Fill 1.2	Cumulative Vol (CY) Expanded EBS Backfill 1.30 Note 4	Cumulative Vol (CY) Reduced EBS In Fill 0.80 Note 5	Mass Ordinate Note 6
555+46	55546.04	0.00	2.43	0.00	35.74	0.00	0.00	0.00	0.00	0.00	17.41	1695.61	0.00	0.00	-1678.20
555+50	55550.00	3.96	2.22	0.00	36.15	0.00	0.34	0.00	5.27	0.00	17.75	1701.93	0.00	0.00	-1684.19
556+00	55600.00	50.00	1.66	0.00	38.01	0.00	3.59	0.00	68.67	0.00	21.34	1784.33	0.00	0.00	-1762.99
556+10	55610.25	10.25	1.68	0.00	37.82	0.00	0.63	0.00	14.39	0.00	21.98	1801.61	0.00	0.00	-1779.63
556+10	55610.25	0.00	0.04	0.00	24.58	0.00	0.00	0.00	0.00	0.00	21.98	1801.61	0.00	0.00	-1779.63
556+50	55650.00	39.75	1.74	0.00	37.02	0.00	1.31	0.00	45.34	0.00	23.29	1856.02	0.00	0.00	-1832.73
557+00	55700.00	50.00	1.88	0.00	36.08	0.00	3.35	0.00	67.69	0.00	26.64	1937.24	0.00	0.00	-1910.60
557+50	55750.00	50.00	2.05	0.00	35.10	0.00	3.64	0.00	65.91	0.00	30.28	2016.33	0.00	0.00	-1986.05
558+00	55800.00	50.00	2.24	0.00	34.11	0.00	3.97	0.00	64.08	0.00	34.25	2093.23	0.00	0.00	-2058.98
558+50	55850.00	50.00	2.45	0.00	33.15	0.00	4.34	0.00	62.28	0.00	38.59	2167.96	0.00	0.00	-2129.37
558+60	55860.00	10.00	0.37	0.00	21.09	0.00	0.52	0.00	10.04	0.00	39.11	2180.02	0.00	0.00	-2140.90
558+60	55860.00	0.00	2.48	0.00	33.01	0.00	0.00	0.00	0.00	0.00	39.11	2180.02	0.00	0.00	-2140.90
559+00	55900.00	40.00	0.00	0.00	10.84	0.00	1.84	0.00	32.48	0.00	40.95	2219.00	0.00	0.00	-2178.04
559+50	55950.00	50.00	0.00	0.00	10.84	0.00	0.00	0.00	20.07	0.00	40.95	2243.08	0.00	0.00	-2202.13
560+00	56000.00	50.00	0.00	0.00	10.03	0.00	0.00	0.00	19.32	0.00	40.95	2266.27	0.00	0.00	-2225.32
560+45	56044.51	44.51	0.00	0.00	10.68	0.00	0.00	0.00	17.07	0.00	40.95	2286.76	0.00	0.00	-2245.81
560+45	56044.51	0.00	0.00	0.00	0.23	0.00	0.00	0.00	0.00	0.00	40.95	2286.76	0.00	0.00	-2245.81
560+50	56050.00	5.49	0.00	0.00	9.77	0.00	0.00	0.00	1.02	0.00	40.95	2287.98	0.00	0.00	-2247.03
561+00	56100.00	50.00	0.00	0.00	9.44	0.00	0.00	0.00	17.79	0.00	40.95	2309.32	0.00	0.00	-2268.37
561+50	56150.00	50.00	0.00	0.00	8.81	0.00	0.00	0.00	16.90	0.00	40.95	2329.60	0.00	0.00	-2288.65
562+00	56200.00	50.00	0.84	0.00	0.20	0.00	0.78	0.00	8.34	0.00	41.73	2339.61	0.00	0.00	-2297.88
562+31	56231.00	31.00	0.71	0.00	15.07	0.00	0.89	0.00	8.77	0.00	42.62	2350.13	0.00	0.00	-2307.51
562+31	56231.00	0.00	0.01	0.00	4.57	0.00	0.00	0.00	0.00	0.00	42.62	2350.13	0.00	0.00	-2307.51
562+50	56250.00	19.00	0.09	0.00	10.46	0.00	0.04	0.00	5.29	0.00	42.65	2356.48	0.00	0.00	-2313.82
563+00	56300.00	50.00	0.39	0.00	56.19	0.00	0.44	0.00	61.71	0.00	43.10	2430.53	0.00	0.00	-2387.43
563+50	56350.00	50.00	0.64	0.00	96.19	0.00	0.95	0.00	141.09	0.00	44.05	2599.84	0.00	0.00	-2555.79

1

Addendum No. 01
ID 1060-33-81
Revised Sheet 4648
August 17, 2015

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

(CONTINUED ON NEXT SHEET)

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EARTHWORK	SHEET: 4648	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090101_ew.ppt PLOT DATE : 8/12/2015 4:41:50 PM PLOT BY : MSCCEJ PLOT NAME : 090101_ew24 PLOT SCALE : 1:1

(CONTINUED)

Division 2 RAMP WS

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/ Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00	Cumulative Vol (CY) Expanded Fill 1.2	Cumulative Vol (CY) Expanded EBS Backfill 1.30 Note 4	Cumulative Vol (CY) Reduced EBS In Fill 0.80 Note 5	Mass Ordinate Note 6
564+00	56400.00	50.00	0.87	0.00	139.77	0.00	1.40	0.00	218.48	0.00	45.45	2862.02	0.00	0.00	-2816.57
564+50	56450.00	50.00	1.15	0.00	193.92	0.00	1.87	0.00	308.97	0.00	47.32	3232.79	0.00	0.00	-3185.47
565+00	56500.00	50.00	1.63	0.00	250.05	0.00	2.57	0.00	411.08	0.00	49.89	3726.09	0.00	0.00	-3676.19
565+50	56550.00	50.00	0.85	0.00	313.12	0.00	2.30	0.00	521.45	0.00	52.19	4351.83	0.00	0.00	-4299.64
566+00	56600.00	50.00	1.18	0.00	353.82	0.00	1.88	0.00	617.54	0.00	54.07	5092.88	0.00	0.00	-5038.81
566+11	56610.98	10.98	1.45	0.00	360.53	0.00	0.53	0.00	145.25	0.00	54.61	5267.18	0.00	0.00	-5212.57
566+11	56610.98	0.00	1.45	0.00	122.94	0.00	0.00	0.00	0.00	0.00	54.61	5267.18	0.00	0.00	-5212.57
566+50	56650.00	39.02	1.20	0.00	24.02	0.00	1.91	0.00	106.19	0.00	56.52	5394.61	0.00	0.00	-5338.09
566+76	56675.98	25.98	1.25	0.00	44.11	0.00	1.18	0.00	32.78	0.00	57.70	5433.94	0.00	0.00	-5376.24
566+98 BK	56697.73	21.75	2.01	0.00	-22.60	0.00	1.31	0.00	8.66	0.00	59.01	5444.34	0.00	0.00	-5385.33
588+68 AH	58868.46	0.00	0.00	0.00	1.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
589+00	58900.00	31.54	0.00	0.00	62.75	0.00	0.00	0.00	37.74	0.00	0.00	45.28	0.00	0.00	-45.28
589+07	58906.53	6.53	0.00	0.00	85.45	0.00	0.00	0.00	17.92	0.00	0.00	66.79	0.00	0.00	-66.79
589+50	58950.00	43.47	0.00	0.00	287.10	0.00	0.00	0.00	299.90	0.00	0.00	426.67	0.00	0.00	-426.67
590+00	59000.00	50.00	0.00	0.00	339.89	0.00	0.00	0.00	580.55	0.00	0.00	1123.33	0.00	0.00	-1123.33
590+50	59050.00	50.00	0.00	0.00	303.72	0.00	0.00	0.00	595.94	0.00	0.00	1838.45	0.00	0.00	-1838.45
591+00	59100.00	50.00	0.00	0.00	263.39	0.00	0.00	0.00	525.10	0.00	0.00	2468.57	0.00	0.00	-2468.57
591+27	59126.91	26.91	0.00	0.00	150.50	0.00	0.00	0.00	206.26	0.00	0.00	2716.08	0.00	0.00	-2716.08
591+29	59128.55	1.64	0.00	0.00	167.65	0.00	0.00	0.00	9.66	0.00	0.00	2727.67	0.00	0.00	-2727.67
591+47 BK	59146.83	18.28	0.00	0.00	560.90	0.00	0.00	0.00	246.63	0.00	0.00	3023.63	0.00	0.00	-3023.63
		Column totals					1470.94	0.00	15680.68	0.00					

1

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

Addendum No. 01
ID 1060-33-81
Revised Sheet 4649
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EARTHWORK	SHEET: 4649	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090101_ew.ppt PLOT DATE : 8/12/2015 4:41:50 PM PLOT BY : MSCCEJ PLOT NAME : 090101_ew25 PLOT SCALE : 1:1

Division 2 RAMP LA

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/ Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.0	Cumulative Vol (CY) Expanded Fill 1.2	Cumulative Vol (CY) Expanded EBS Backfill 1.3 Note 4	Cumulative Vol (CY) Reduced EBS In Fill 0.8 Note 5	Mass Ordinate Note 6
703+32 AH	70331.94	0.00	172.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
703+50	70350.00	18.06	175.63	0.00	1.97	0.00	116.30	0.00	0.66	0.00	116.30	0.79	0.00	0.00	115.51
704+00	70400.00	50.00	84.27	0.00	45.78	0.00	240.65	0.00	44.21	0.00	356.95	53.85	0.00	0.00	303.10
704+50	70450.00	50.00	53.22	0.00	53.25	0.00	127.31	0.00	91.69	0.00	484.25	163.88	0.00	0.00	320.37
705+00	70500.00	50.00	13.98	0.00	93.42	0.00	62.22	0.00	135.81	0.00	546.48	326.85	0.00	0.00	219.63
705+50	70550.00	50.00	5.62	0.00	175.49	0.00	18.15	0.00	248.99	0.00	564.62	625.64	0.00	0.00	-61.01
706+00	70600.00	50.00	4.97	0.00	254.30	0.00	9.81	0.00	397.95	0.00	574.43	1103.18	0.00	0.00	-528.75
706+50	70650.00	50.00	1.64	0.00	322.69	0.00	6.12	0.00	534.25	0.00	580.55	1744.28	0.00	0.00	-1163.73
707+00	70700.00	50.00	2.62	0.00	547.34	0.00	3.94	0.00	805.58	0.00	584.49	2710.98	0.00	0.00	-2126.49
707+50	70750.00	50.00	3.47	0.00	479.43	0.00	5.64	0.00	950.71	0.00	590.13	3851.84	0.00	0.00	-3261.70
708+00	70800.00	50.00	3.04	0.00	350.79	0.00	6.03	0.00	768.72	0.00	596.16	4774.30	0.00	0.00	-4178.14
708+50	70850.00	50.00	0.66	0.00	210.02	0.00	3.43	0.00	519.27	0.00	599.59	5397.42	0.00	0.00	-4797.84
709+00	70900.00	50.00	1.03	0.00	134.08	0.00	1.56	0.00	318.61	0.00	601.15	5779.76	0.00	0.00	-5178.61
709+50	70950.00	50.00	19.61	0.00	42.95	0.00	19.11	0.00	163.92	0.00	620.26	5976.46	0.00	0.00	-5356.19
710+00	71000.00	50.00	101.09	0.00	29.32	0.00	111.76	0.00	66.92	0.00	732.02	6056.76	0.00	0.00	-5324.74
710+50	71050.00	50.00	255.67	0.00	27.35	0.00	330.33	0.00	52.47	0.00	1062.36	6119.72	0.00	0.00	-5057.37
711+00	71100.00	50.00	296.85	0.00	19.25	0.00	511.59	0.00	43.15	0.00	1573.95	6171.50	0.00	0.00	-4597.55
711+50	71150.00	50.00	338.65	0.00	19.07	0.00	588.43	0.00	35.48	0.00	2162.37	6214.08	0.00	0.00	-4051.71
712+00	71200.00	50.00	394.73	0.00	13.00	0.00	679.06	0.00	29.69	0.00	2841.43	6249.71	0.00	0.00	-3408.28
712+50	71250.00	50.00	429.47	0.00	5.84	0.00	763.15	0.00	17.44	0.00	3604.58	6270.65	0.00	0.00	-2666.07
713+00	71300.00	50.00	504.28	0.00	2.58	0.00	864.58	0.00	7.80	0.00	4469.16	6280.00	0.00	0.00	-1810.84
713+50	71350.00	50.00	497.65	0.00	0.00	0.00	927.71	0.00	2.39	0.00	5396.87	6282.87	0.00	0.00	-885.99
714+00	71400.00	50.00	475.87	0.00	0.23	0.00	901.41	0.00	0.21	0.00	6298.28	6283.12	0.00	0.00	15.16
714+45	71445.00	45.00	422.01	0.00	0.16	0.00	748.23	0.00	0.33	0.00	7046.51	6283.51	0.00	0.00	763.00

1

Addendum No. 01
ID 1060-33-81
Revised Sheet 4653
August 17, 2015

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

(CONTINUED ON NEXT SHEET)

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EARTHWORK	SHEET: 4653	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090101_ew.ppt PLOT DATE : 8/12/2015 4:41:50 PM PLOT BY : MSCCEJ PLOT NAME : 090101_ew29 PLOT SCALE : 1:1

(CONTINUED)

Division 2 RAMP LA

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/ Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.0	Cumulative Vol (CY) Expanded Fill 1.2	Cumulative Vol (CY) Expanded EBS Backfill 1.3 Note 4	Cumulative Vol (CY) Reduced EBS In Fill 0.8 Note 5	Mass Ordinate Note 6
714+45	71445.00	0.00	469.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7046.51	6283.51	0.00	0.00	763.00
714+50	71450.00	5.00	463.75	0.00	0.00	0.00	86.40	0.00	0.00	0.00	7132.92	6283.51	0.00	0.00	849.40
715+00	71500.00	50.00	419.76	0.00	0.00	0.00	818.06	0.00	0.00	0.00	7950.98	6283.51	0.00	0.00	1667.47
715+50	71550.00	50.00	300.85	0.00	0.00	0.00	667.23	0.00	0.00	0.00	8618.21	6283.51	0.00	0.00	2334.70
716+00	71600.00	50.00	203.08	0.00	0.00	0.00	466.60	0.00	0.00	0.00	9084.82	6283.51	0.00	0.00	2801.30
716+50	71650.00	50.00	127.78	0.00	0.00	0.00	306.35	0.00	0.00	0.00	9391.17	6283.51	0.00	0.00	3107.65
717+00	71700.00	50.00	63.84	0.00	2.05	0.00	177.43	0.00	1.90	0.00	9568.59	6285.79	0.00	0.00	3282.80
717+50	71750.00	50.00	12.07	0.00	22.78	0.00	70.29	0.00	22.99	0.00	9638.88	6313.38	0.00	0.00	3325.50
717+90 BK	71790.34	40.34	0.00	0.00	70.63	0.00	9.02	0.00	69.78	0.00	9647.90	6397.12	0.00	0.00	3250.78
						Column totals	9647.90	0.00	5330.93	0.00					

1

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

Addendum No. 01
ID 1060-33-81
Revised Sheet 4654
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EARTHWORK	SHEET: 4654	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090101_ew.ppt PLOT DATE : 8/12/2015 4:41:50 PM PLOT BY : MSCCEJ PLOT NAME : 090101_ew30 PLOT SCALE : 1:1

(CONTINUED)

Division 2 RAMP SB

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/ Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.0	Cumulative Vol (CY) Expanded Fill 1.2	Cumulative Vol (CY) Expanded EBS Backfill 1.3 Note 4	Cumulative Vol (CY) Reduced EBS In Fill 0.8 Note 5	Mass Ordinate Note 6
557+00	55700.00	50.00	22.13	0.00	33.70	0.00	41.30	0.00	61.64	0.00	388.09	1943.50	0.00	0.00	-1555.41
557+50	55750.00	50.00	22.34	0.00	34.48	0.00	41.18	0.00	63.13	0.00	429.26	2019.25	0.00	0.00	-1589.99
558+00	55800.00	50.00	0.18	0.00	54.57	0.00	20.85	0.00	82.45	0.00	450.11	2118.20	0.00	0.00	-1668.08
558+50	55850.00	50.00	0.28	0.00	31.79	0.00	0.43	0.00	79.96	0.00	450.54	2214.15	0.00	0.00	-1763.61
559+00	55900.00	50.00	0.09	0.00	31.74	0.00	0.34	0.00	58.82	0.00	450.88	2284.74	0.00	0.00	-1833.86
559+50	55950.00	50.00	0.09	0.00	26.34	0.00	0.17	0.00	53.78	0.00	451.05	2349.28	0.00	0.00	-1898.23
560+00	56000.00	50.00	0.10	0.00	24.42	0.00	0.18	0.00	47.00	0.00	451.23	2405.68	0.00	0.00	-1954.45
560+50	56050.00	50.00	0.10	0.00	22.73	0.00	0.19	0.00	43.66	0.00	451.41	2458.07	0.00	0.00	-2006.66
561+00	56100.00	50.00	3.12	0.00	22.76	0.00	2.98	0.00	42.12	0.00	454.39	2508.61	0.00	0.00	-2054.22
561+50	56150.00	50.00	5.68	0.00	18.90	0.00	8.15	0.00	38.57	0.00	462.54	2554.90	0.00	0.00	-2092.36
562+00	56200.00	50.00	0.16	0.00	85.24	0.00	5.41	0.00	96.43	0.00	467.95	2670.61	0.00	0.00	-2202.66
562+50	56250.00	50.00	0.10	0.00	34.15	0.00	0.24	0.00	110.55	0.00	468.19	2803.27	0.00	0.00	-2335.08
563+00	56300.00	50.00	0.00	0.00	33.58	0.00	0.09	0.00	62.71	0.00	468.28	2878.52	0.00	0.00	-2410.24
563+50	56350.00	50.00	0.10	0.00	36.06	0.00	0.09	0.00	64.48	0.00	468.37	2955.90	0.00	0.00	-2487.53
564+00	56400.00	50.00	0.10	0.00	40.89	0.00	0.19	0.00	71.25	0.00	468.56	3041.40	0.00	0.00	-2572.84
564+50	56450.00	50.00	0.11	0.00	48.78	0.00	0.19	0.00	83.03	0.00	468.75	3141.03	0.00	0.00	-2672.28
565+00	56500.00	50.00	0.13	0.00	8.95	0.00	0.22	0.00	53.45	0.00	468.98	3205.18	0.00	0.00	-2736.20
565+50	56550.00	50.00	0.14	0.00	7.69	0.00	0.25	0.00	15.41	0.00	469.23	3223.67	0.00	0.00	-2754.44
566+00	56600.00	50.00	0.14	0.00	3.78	0.00	0.26	0.00	10.62	0.00	469.48	3236.41	0.00	0.00	-2766.93
566+13 BK	56612.52	12.52	0.01	0.00	3.26	0.00	0.03	0.00	1.63	0.00	469.52	3238.37	0.00	0.00	-2768.85
					Column totals		469.52	0.00	2698.64	0.00					

1

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

Addendum No. 01
ID 1060-33-81
Revised Sheet 4661
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EARTHWORK	SHEET: 4661	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090101_ew.ppt PLOT DATE : 8/12/2015 4:41:50 PM PLOT BY : MSCCEJ PLOT NAME : 090101_ew37 PLOT SCALE : 1:1

Division 2 RAMP SC

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/ Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.0	Cumulative Vol (CY) Expanded Fill 1.2	Cumulative Vol (CY) Expanded EBS Backfill 1.3 Note 4	Cumulative Vol (CY) Reduced EBS In Fill 0.8 Note 5	Mass Ordinate Note 6
533+83 AH	53383.06	0.00	0	0.00	389.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
534+00	53400.00	16.94	0	0.00	376.91	0.00	0.00	0.00	240.46	0.00	0.00	288.55	0.00	0.00	-288.55
534+50	53450.00	50.00	0	0.00	336.1	0.00	0.00	0.00	660.19	0.00	0.00	1080.79	0.00	0.00	-1080.79
535+00	53500.00	50.00	0	0.00	283.3	0.00	0.00	0.00	573.52	0.00	0.00	1769.01	0.00	0.00	-1769.01
535+50	53550.00	50.00	0.03	0.00	170.21	0.00	0.03	0.00	419.92	0.00	0.03	2272.91	0.00	0.00	-2272.88
536+00	53600.00	50.00	0	0.00	40.78	0.00	0.03	0.00	195.36	0.00	0.06	2507.34	0.00	0.00	-2507.29
536+40	53639.91	39.91	0	0.00	12.93	0.00	0.00	0.00	39.70	0.00	0.06	2554.98	0.00	0.00	-2554.92
536+40	53639.91	0.00	0	0.00	19.41	0.00	0.00	0.00	0.00	0.00	0.06	2554.98	0.00	0.00	-2554.92
536+50	53650.00	10.09	0	0.00	19.96	0.00	0.00	0.00	7.36	0.00	0.06	2563.80	0.00	0.00	-2563.75
537+00	53700.00	50.00	0	0.00	19.82	0.00	0.00	0.00	36.83	0.00	0.06	2608.00	0.00	0.00	-2607.95
537+50	53750.00	50.00	0	0.00	17.62	0.00	0.00	0.00	34.67	0.00	0.06	2649.60	0.00	0.00	-2649.55
538+00 BK	53800.00	50.00	40.07	0.00	9.08	0.00	37.10	0.00	24.72	0.00	37.16	2679.27	0.00	0.00	-2642.11
538+36 AH	53835.78	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
538+50	53850.00	14.22	0	0.00	15.33	0.00	0.00	0.00	4.04	0.00	0.00	4.84	0.00	0.00	-4.84
539+00	53900.00	50.00	3.3	0.00	0.08	0.00	3.06	0.00	14.27	0.00	3.06	21.97	0.00	0.00	-18.91
539+06	53905.78	5.78	3.92	0.00	0.02	0.00	0.77	0.00	0.01	0.00	3.83	21.98	0.00	0.00	-18.15
539+06	53905.78	0.00	24.11	0.00	0	0.00	0.00	0.00	0.00	0.00	3.83	21.98	0.00	0.00	-18.15
539+50	53950.00	44.22	19.83	0.00	0	0.00	35.98	0.00	0.00	0.00	39.81	21.98	0.00	0.00	17.83
540+00	54000.00	50.00	12.23	0.00	0	0.00	29.69	0.00	0.00	0.00	69.50	21.98	0.00	0.00	47.52
540+50	54050.00	50.00	5.48	0.00	0	0.00	16.40	0.00	0.00	0.00	85.89	21.98	0.00	0.00	63.91
540+74 BK	54073.78	23.78	2.65	0.00	0.11	0.00	3.58	0.00	0.05	0.00	89.47	22.04	0.00	0.00	67.44
					Column totals		126.63	0.00	2251.09	0.00					

1

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

Addendum No. 01
ID 1060-33-81
Revised Sheet 4662
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EARTHWORK	SHEET: 4662	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090101_ew.ppt PLOT DATE : 8/12/2015 4:41:50 PM PLOT BY : MSCCEJ PLOT NAME : 090101_ew38 PLOT SCALE : 1:1

Division 3 RAMP SB

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/ Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.2	Cumulative Vol (CY) Expanded EBS Backfill 1.30 Note 4	Cumulative Vol (CY) Reduced EBS In Fill 0.80 Note 5	Mass Ordinate Note 6
566+13 AH	56612.52	0.00	0.01	0.00	3.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
566+50	56650.00	37.48	0.14	0.00	0.99	0.00	0.10	0.00	2.95	0.00	0.10	3.54	0.00	0.00	-3.44
566+66	56665.60	15.60	0.14	0.00	1.80	0.00	0.08	0.00	0.81	0.00	0.19	4.51	0.00	0.00	-4.32
566+66	56665.60	0.00	172.09	0.00	14.83	0.00	0.00	0.00	0.00	0.00	0.19	4.51	0.00	0.00	-4.32
567+00	56700.00	34.40	0.14	0.00	8.91	0.00	109.72	0.00	15.12	0.00	109.90	22.65	0.00	0.00	87.25
567+50	56750.00	50.00	0.14	0.00	44.61	0.00	0.26	0.00	49.56	0.00	110.16	82.12	0.00	0.00	28.04
568+00	56800.00	50.00	0.14	0.00	49.15	0.00	0.26	0.00	86.81	0.00	110.42	186.30	0.00	0.00	-75.88
568+50	56850.00	50.00	0.14	0.00	41.62	0.00	0.26	0.00	84.05	0.00	110.68	287.15	0.00	0.00	-176.48
569+00	56900.00	50.00	0.14	0.00	36.17	0.00	0.26	0.00	72.03	0.00	110.94	373.59	0.00	0.00	-262.65
569+50	56950.00	50.00	0.14	0.00	32.06	0.00	0.26	0.00	63.18	0.00	111.20	449.40	0.00	0.00	-338.20
570+00	57000.00	50.00	0.15	0.00	19.34	0.00	0.27	0.00	47.59	0.00	111.47	506.51	0.00	0.00	-395.04
570+50	57050.00	50.00	0.22	0.00	13.91	0.00	0.34	0.00	30.79	0.00	111.81	543.45	0.00	0.00	-431.65
570+86 BK	57086.00	36.00	27.68	0.00	7.47	0.00	18.60	0.00	14.25	0.00	130.41	560.56	0.00	0.00	-430.15
					Column totals		130.41	0.00	467.13	0.00					

1

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

Addendum No. 01
ID 1060-33-81
Revised Sheet 4706
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EARTHWORK	SHEET: 4706	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090101_ew.ppt PLOT DATE : 8/11/2015 11:25:36 AM PLOT BY : MSCCEJ PLOT NAME : 090101_ew82 PLOT SCALE : 1:1

Division 3 W. WISCONSIN AVENUE

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged / Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Salvaged / Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.0	Cumulative Vol (CY) Expanded Fill 1.2	Cumulative Vol (CY) Expanded EBS Backfill 1.3 Note 4	Cumulative Vol (CY) Reduced EBS In Fill 0.8 Note 5	Mass Ordinate Note 6
20+17 AH	2017.44	0.00	37.15	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20+50	2050.00	32.56	36.70	0.00	1.05	0.00	44.53	0.00	0.66	0.00	44.53	0.79	0.00	0.00	43.74
21+00	2100.00	50.00	36.95	0.00	1.71	0.00	68.19	0.00	2.56	0.00	112.72	3.86	0.00	0.00	108.87
21+13	2113.06	13.06	37.42	0.00	2.15	0.00	17.99	0.00	0.93	0.00	130.71	4.98	0.00	0.00	125.73
21+50	2150.00	36.94	36.96	0.00	3.52	0.00	50.88	0.00	3.88	0.00	181.59	9.63	0.00	0.00	171.96
22+00	2200.00	50.00	40.98	0.00	3.22	0.00	72.17	0.00	6.24	0.00	253.76	17.12	0.00	0.00	236.64
22+50	2250.00	50.00	45.04	0.00	2.94	0.00	79.65	0.00	5.70	0.00	333.41	23.96	0.00	0.00	309.44
23+00	2300.00	50.00	50.95	0.00	2.68	0.00	88.88	0.00	5.20	0.00	422.29	30.21	0.00	0.00	392.08
23+50	2350.00	50.00	51.72	0.00	1.80	0.00	95.06	0.00	4.15	0.00	517.35	35.19	0.00	0.00	482.16
24+00	2400.00	50.00	55.22	0.00	1.26	0.00	99.02	0.00	2.83	0.00	616.37	38.59	0.00	0.00	577.78
24+50	2450.00	50.00	59.78	0.00	1.67	0.00	106.48	0.00	2.71	0.00	722.85	41.84	0.00	0.00	681.01
25+00	2500.00	50.00	68.26	0.00	8.68	0.00	118.56	0.00	9.58	0.00	841.41	53.34	0.00	0.00	788.06
25+50	2550.00	50.00	56.25	0.00	12.60	0.00	115.29	0.00	19.70	0.00	956.69	76.99	0.00	0.00	879.71
26+00	2600.00	50.00	31.17	0.00	14.14	0.00	80.94	0.00	24.76	0.00	1037.64	106.70	0.00	0.00	930.94
26+23	2623.01	23.01	21.78	0.00	29.89	0.00	22.56	0.00	18.76	0.00	1060.20	129.21	0.00	0.00	930.99
26+23	2623.01	0.00	28.88	0.00	29.90	0.00	0.00	0.00	0.00	0.00	1060.20	129.21	0.00	0.00	930.99
26+50	2650.00	26.99	10.42	0.00	62.71	0.00	19.64	0.00	46.29	0.00	1079.84	184.76	0.00	0.00	895.09
27+00	2700.00	50.00	0.00	0.00	453.42	0.00	9.65	0.00	477.90	0.00	1089.49	758.23	0.00	0.00	331.26
27+37	2737.17	37.17	0.00	0.00	1660.56	0.00	0.00	0.00	1455.12	0.00	1089.49	2504.38	0.00	0.00	-1414.89
27+42 BK	2741.94	4.77	0.00	0.00	0.00	0.00	0.00	0.00	146.68	0.00	1089.49	2680.40	0.00	0.00	-1590.91
						Column totals	1089.49	0.00	2233.67	0.00					

1

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

Addendum No. 01
ID 1060-33-81
Revised Sheet 4707
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EARTHWORK	SHEET: 4707	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090101_ew.ppt PLOT DATE : 8/12/2015 4:41:50 PM PLOT BY : MSCCEJ PLOT NAME : 090101_ew83 PLOT SCALE : 1:1

Division 3 EWP

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/ Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.0	Cumulative Vol (CY) Expanded Fill 1.2	Cumulative Vol (CY) Expanded EBS Backfill 1.3 Note 4	Cumulative Vol (CY) Reduced EBS In Fill 0.8 Note 5	Mass Ordinate Note 6
10+62 AH	1062.20	0.00	2.96	0.00	9.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11+00	1100.00	37.80	3.57	0.00	10.59	0.00	4.57	0.00	14.18	0.00	4.57	17.02	0.00	0.00	-12.45
11+50	1150.00	50.00	4.99	0.00	10.88	0.00	7.93	0.00	19.88	0.00	12.50	40.87	0.00	0.00	-28.38
12+00	1200.00	50.00	0.00	0.00	16.86	0.00	4.62	0.00	25.69	0.00	17.12	71.70	0.00	0.00	-54.58
12+50	1250.00	50.00	9.87	0.00	3.90	0.00	9.14	0.00	19.22	0.00	26.26	94.76	0.00	0.00	-68.51
13+00	1300.00	50.00	28.80	0.00	21.73	0.00	35.81	0.00	23.73	0.00	62.06	123.24	0.00	0.00	-61.18
13+50	1350.00	50.00	34.73	0.00	26.43	0.00	58.82	0.00	44.59	0.00	120.89	176.75	0.00	0.00	-55.87
14+00	1400.00	50.00	39.88	0.00	32.06	0.00	69.08	0.00	54.16	0.00	189.97	241.74	0.00	0.00	-51.77
14+50	1450.00	50.00	22.09	0.00	49.64	0.00	57.38	0.00	75.65	0.00	247.35	332.52	0.00	0.00	-85.17
15+00	1500.00	50.00	3.33	0.00	78.00	0.00	23.54	0.00	118.19	0.00	270.89	474.34	0.00	0.00	-203.45
15+50	1550.00	50.00	0.00	0.00	119.31	0.00	3.08	0.00	182.69	0.00	273.97	693.57	0.00	0.00	-419.60
16+00	1600.00	50.00	0.00	0.00	188.75	0.00	0.00	0.00	285.24	0.00	273.97	1035.86	0.00	0.00	-761.89
16+50	1650.00	50.00	0.00	0.00	96.25	0.00	0.00	0.00	263.89	0.00	273.97	1352.53	0.00	0.00	-1078.56
17+00	1700.00	50.00	0.00	0.00	86.25	0.00	0.00	0.00	168.98	0.00	273.97	1555.31	0.00	0.00	-1281.34
17+50	1750.00	50.00	0.00	0.00	61.81	0.00	0.00	0.00	137.09	0.00	273.97	1719.82	0.00	0.00	-1445.85
18+00	1800.00	50.00	0.00	0.00	101.41	0.00	0.00	0.00	151.13	0.00	273.97	1901.17	0.00	0.00	-1627.20
18+50	1850.00	50.00	1.95	0.00	56.79	0.00	1.81	0.00	146.48	0.00	275.77	2076.95	0.00	0.00	-1801.18
19+00	1900.00	50.00	9.63	0.00	22.42	0.00	10.72	0.00	73.34	0.00	286.50	2164.96	0.00	0.00	-1878.47
19+50	1950.00	50.00	20.77	0.00	5.12	0.00	28.15	0.00	25.50	0.00	314.65	2195.56	0.00	0.00	-1880.92
20+00	2000.00	50.00	39.20	0.00	0.01	0.00	55.53	0.00	4.75	0.00	370.17	2201.26	0.00	0.00	-1831.09
20+50	2050.00	50.00	37.97	0.00	0.00	0.00	71.45	0.00	0.01	0.00	441.63	2201.27	0.00	0.00	-1759.65
21+00	2100.00	50.00	31.98	0.00	0.08	0.00	64.77	0.00	0.07	0.00	506.40	2201.36	0.00	0.00	-1694.97
21+50	2150.00	50.00	3.60	0.00	16.82	0.00	32.94	0.00	15.65	0.00	539.34	2220.14	0.00	0.00	-1680.80
22+00	2200.00	50.00	3.62	0.00	10.20	0.00	6.69	0.00	25.02	0.00	546.02	2250.16	0.00	0.00	-1704.14
22+50	2250.00	50.00	3.62	0.00	5.67	0.00	6.70	0.00	14.69	0.00	552.73	2267.80	0.00	0.00	-1715.07
23+00	2300.00	50.00	3.62	0.00	13.01	0.00	6.70	0.00	17.30	0.00	559.43	2288.55	0.00	0.00	-1729.12
23+50	2350.00	50.00	3.61	0.00	10.23	0.00	6.69	0.00	21.52	0.00	566.13	2314.37	0.00	0.00	-1748.25
23+85 BK	2384.76	34.76	4.02	0.00	0.00	0.00	4.91	0.00	6.59	0.00	571.04	2322.28	0.00	0.00	-1751.24
					Column totals		571.04	0.00	1935.23	0.00					

1

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

Addendum No. 01
ID 1060-33-81
Revised Sheet 4710
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EARTHWORK	SHEET: 4710	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090101_ew.ppt PLOT DATE : 8/12/2015 4:41:50 PM PLOT BY : MSCCEJ PLOT NAME : 090101_ew86 PLOT SCALE : 1:1

Division 4 RAMP EN

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/ Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged/ Unusable Pavement Material Note 2	Fill Note 3	EBS	Cumulative Vol (CY) Cut Note 1	Expanded Fill 1.2	Expanded EBS Backfill 1.30 Note 4	Reduced EBS In Fill 0.80 Note 5	Mass Ordinate Note 6
527+00 AH	52700.00	0.00	0.00	0.00	521.24	0.00	0.00	0.00	0.00	0.00	0.00	1.20	0.00	0.00	0.00
527+50	52750.00	50.00	0.00	0.00	473.92	0.00	0.00	0.00	921.44	0.00	0.00	1106.93	0.00	0.00	-1105.73
528+00	52800.00	50.00	0.00	0.00	253.82	0.00	0.00	0.00	673.83	0.00	0.00	1915.53	0.00	0.00	-1914.33
528+50	52850.00	50.00	0.00	0.00	713.21	0.00	0.00	0.00	895.40	0.00	0.00	2990.01	0.00	0.00	-2988.81
529+00	52900.00	50.00	0.00	0.00	1989.10	0.00	0.00	0.00	2502.14	0.00	0.00	5992.58	0.00	0.00	-5991.38
529+50	52950.00	50.00	0.00	0.00	2289.20	0.00	0.00	0.00	3961.39	0.00	0.00	10746.24	0.00	0.00	-10745.04
530+00	53000.00	50.00	0.00	0.00	2318.43	0.00	0.00	0.00	4266.32	0.00	0.00	15865.83	0.00	0.00	-15864.63
530+50	53050.00	50.00	0.00	0.00	1689.81	0.00	0.00	0.00	3711.33	0.00	0.00	20319.43	0.00	0.00	-20318.23
531+00	53100.00	50.00	0.00	0.00	1224.47	0.00	0.00	0.00	2698.41	0.00	0.00	23557.52	0.00	0.00	-23556.32
531+50 BK	53150.00	50.00	0.00	0.00	847.77	0.00	0.00	0.00	1918.74	0.00	0.00	25860.01	0.00	0.00	-25858.81
540+30 AH	54030.39	0.00	145.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
540+50	54050.00	19.61	139.97	0.00	0.00	0.00	103.67	0.00	0.00	0.00	103.67	0.00	0.00	0.00	103.67
541+00	54100.00	50.00	132.94	0.00	0.00	0.00	252.69	0.00	0.00	0.00	356.37	0.00	0.00	0.00	356.37
541+50	54150.00	50.00	126.72	0.00	0.00	0.00	240.43	0.00	0.00	0.00	596.79	0.00	0.00	0.00	596.79
542+00	54200.00	50.00	118.63	0.00	0.00	0.00	227.18	0.00	0.00	0.00	823.97	0.00	0.00	0.00	823.97
542+50	54250.00	50.00	107.97	0.00	0.00	0.00	209.81	0.00	0.00	0.00	1033.78	0.00	0.00	0.00	1033.78
542+66 BK	54265.62	15.62	104.54	0.00	0.00	0.00	61.47	0.00	0.00	0.00	1095.25	0.00	0.00	0.00	1095.25
		Column totals					1095.25	0.00	21549.01	0.00					

1

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

Addendum No. 01
ID 1060-33-81
Revised Sheet 4728
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EARTHWORK	SHEET: 4728	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090101_ew.ppt PLOT DATE : 8/12/2015 4:41:50 PM PLOT BY : MSCCEJ PLOT NAME : 090101_ew104 PLOT SCALE : 1:1

Division 4 RAMP BA

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/ Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.0	Cumulative Vol (CY) Expanded Fill 1.2	Cumulative Vol (CY) Expanded EBS Backfill 1.3 Note 4	Cumulative Vol (CY) Reduced EBS In Fill 0.8 Note 5	Mass Ordinate Note 6
724+59 AH	72459.43	0.00	155.55	0.00	89.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
725+00	72500.00	40.57	0.00	0.00	459.33	0.00	116.86	0.00	412.32	0.00	116.86	494.78	0.00	0.00	-377.92
725+50	72550.00	50.00	0.01	0.00	307.03	0.00	0.01	0.00	709.59	0.00	116.87	1346.29	0.00	0.00	-1229.42
726+00	72600.00	50.00	0.00	0.00	274.56	0.00	0.01	0.00	538.51	0.00	116.88	1992.50	0.00	0.00	-1875.62
726+50	72650.00	50.00	0.00	0.00	218.34	0.00	0.00	0.00	456.39	0.00	116.88	2540.17	0.00	0.00	-2423.29
727+00	72700.00	50.00	0.00	0.00	170.95	0.00	0.00	0.00	360.45	0.00	116.88	2972.72	0.00	0.00	-2855.83
727+50	72750.00	50.00	1.28	0.00	100.72	0.00	1.19	0.00	251.55	0.00	118.07	3274.57	0.00	0.00	-3156.50
728+00	72800.00	50.00	54.57	0.00	5.17	0.00	51.71	0.00	98.05	0.00	169.78	3392.23	0.00	0.00	-3222.45
728+50	72850.00	50.00	98.15	0.00	38.23	0.00	141.41	0.00	40.19	0.00	311.19	3440.45	0.00	0.00	-3129.26
729+00	72900.00	50.00	266.58	0.00	0.27	0.00	337.71	0.00	35.65	0.00	648.90	3483.23	0.00	0.00	-2834.33
729+50	72950.00	50.00	446.55	0.00	0.00	0.00	660.31	0.00	0.25	0.00	1309.21	3483.53	0.00	0.00	-2174.32
730+00	73000.00	50.00	652.16	0.00	0.00	0.00	1017.32	0.00	0.00	0.00	2326.53	3483.53	0.00	0.00	-1157.00
730+50	73050.00	50.00	676.85	0.00	0.00	0.00	1230.56	0.00	0.00	0.00	3557.10	3483.53	0.00	0.00	73.57
731+00	73100.00	50.00	689.92	0.00	0.00	0.00	1265.53	0.00	0.00	0.00	4822.62	3483.53	0.00	0.00	1339.10
731+50	73150.00	50.00	700.51	0.00	0.00	0.00	1287.44	0.00	0.00	0.00	6110.06	3483.53	0.00	0.00	2626.53
732+00	73200.00	50.00	713.12	0.00	227.35	0.00	1308.92	0.00	210.51	0.00	7418.98	3736.14	0.00	0.00	3682.84
732+50	73250.00	50.00	558.31	0.00	1126.65	0.00	1177.25	0.00	1253.70	0.00	8596.23	5240.58	0.00	0.00	3355.64
732+80	73279.78	29.78	507.79	0.00	1536.36	0.00	587.93	0.00	1468.60	0.00	9184.16	7002.90	0.00	0.00	2181.26
732+80	73279.78	0.00	655.27	0.00	1536.65	0.00	0.00	0.00	0.00	0.00	9184.16	7002.90	0.00	0.00	2181.26
733+00	73300.00	20.22	584.78	0.00	1854.48	0.00	464.33	0.00	1269.79	0.00	9648.49	8526.65	0.00	0.00	1121.84
733+50	73350.00	50.00	369.10	0.00	2807.72	0.00	883.22	0.00	4316.85	0.00	10531.71	13706.87	0.00	0.00	-3175.16
734+00	73400.00	50.00	289.93	0.00	2302.16	0.00	610.21	0.00	4731.37	0.00	11141.92	19384.52	0.00	0.00	-8242.59
734+17	73416.78	16.78	272.75	0.00	0.00	0.00	174.85	0.00	715.37	0.00	11316.77	20242.97	0.00	0.00	-8926.20
734+50	73450.00	33.22	243.18	0.00	0.00	0.00	317.39	0.00	0.00	0.00	11634.16	20242.97	0.00	0.00	-8608.80
735+00	73500.00	50.00	205.46	0.00	17.09	0.00	415.41	0.00	15.82	0.00	12049.57	20261.96	0.00	0.00	-8212.38
735+35 BK	73534.70	34.70	191.47	0.00	1531.55	0.00	255.06	0.00	995.14	0.00	12304.64	21456.13	0.00	0.00	-9151.49
						Column totals	12304.64	0.00	17880.11	0.00					

1

Addendum No. 01
ID 1060-33-81
Revised Sheet 4729
August 17, 2015

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

Division 5 IH 94 EB

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/ Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material	Incremental Vol (CY) (Unadjusted) Fill	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut	Cumulative Vol (CY) Expanded Fill	Cumulative Vol (CY) Expanded EBS Backfill	Cumulative Vol (CY) Reduced EBS In Fill	Mass Ordinate
											1.00	1.2	1.30	0.80	
							Note 1	Note 2	Note 3		Note 1		Note 4	Note 5	Note 6
162+00 AH	16200.00	0.00	86.12	0.00	1.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162+50	16250.00	50.00	58.04	0.00	8.96	0.00	133.48	0.00	9.56	0.00	133.48	11.47	0.00	0.00	122.01
163+00	16300.00	50.00	49.06	0.00	17.26	0.00	99.17	0.00	24.28	0.00	232.65	40.60	0.00	0.00	192.05
163+50	16350.00	50.00	53.81	0.00	21.36	0.00	95.25	0.00	35.76	0.00	327.90	83.51	0.00	0.00	244.39
164+00	16400.00	50.00	63.55	0.00	30.98	0.00	108.67	0.00	48.46	0.00	436.56	141.67	0.00	0.00	294.90
164+50	16450.00	50.00	71.57	0.00	33.18	0.00	125.11	0.00	59.41	0.00	561.68	212.96	0.00	0.00	348.72
165+00	16500.00	50.00	80.46	0.00	37.24	0.00	140.77	0.00	65.20	0.00	702.44	291.20	0.00	0.00	411.24
165+50	16550.00	50.00	97.82	0.00	48.93	0.00	165.07	0.00	79.79	0.00	867.52	386.94	0.00	0.00	480.57
166+00	16600.00	50.00	107.71	0.00	60.40	0.00	190.31	0.00	101.23	0.00	1057.82	508.42	0.00	0.00	549.40
166+50	16650.00	50.00	112.31	0.00	18.80	0.00	203.72	0.00	73.33	0.00	1261.55	596.42	0.00	0.00	665.12
167+00	16700.00	50.00	171.37	0.00	0.00	0.00	262.67	0.00	17.41	0.00	1524.21	617.31	0.00	0.00	906.90
167+50	16750.00	50.00	94.33	0.00	0.00	0.00	246.02	0.00	0.00	0.00	1770.23	617.31	0.00	0.00	1152.92
168+00	16800.00	50.00	81.66	0.00	0.00	0.00	162.95	0.00	0.00	0.00	1933.19	617.31	0.00	0.00	1315.87
168+50	16850.00	50.00	71.01	0.00	0.00	0.00	141.36	0.00	0.00	0.00	2074.55	617.31	0.00	0.00	1457.24
169+00	16900.00	50.00	63.38	0.00	0.00	0.00	124.44	0.00	0.00	0.00	2198.98	617.31	0.00	0.00	1581.67
169+50	16950.00	50.00	56.59	0.00	0.00	0.00	111.08	0.00	0.00	0.00	2310.06	617.31	0.00	0.00	1692.75
170+00	17000.00	50.00	54.08	0.00	0.00	0.00	102.47	0.00	0.00	0.00	2412.54	617.31	0.00	0.00	1795.23
170+50	17050.00	50.00	54.72	0.00	0.00	0.00	100.74	0.00	0.00	0.00	2513.28	617.31	0.00	0.00	1895.97
171+00	17100.00	50.00	58.25	0.00	0.00	0.00	104.60	0.00	0.00	0.00	2617.88	617.31	0.00	0.00	2000.57
171+50	17150.00	50.00	27.85	0.00	4.98	0.00	79.72	0.00	4.61	0.00	2697.60	622.84	0.00	0.00	2074.76

1

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

Addendum No. 01
ID 1060-33-81
Revised Sheet 4735
August 17, 2015

(CONTINUED ON NEXT SHEET)

(CONTINUED)

Division 5 IH 94 EB

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/ Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.2	Cumulative Vol (CY) Expanded EBS Backfill 1.30 Note 4	Cumulative Vol (CY) Reduced EBS In Fill 0.80 Note 5	Mass Ordinate Note 6
172+00	17200.00	50.00	68.69	0.00	0.00	0.00	89.39	0.00	4.61	0.00	2786.99	628.38	0.00	0.00	2158.61
172+50	17250.00	50.00	80.52	0.00	0.00	0.00	138.16	0.00	0.00	0.00	2925.15	628.38	0.00	0.00	2296.77
173+00	17300.00	50.00	90.58	0.00	0.00	0.00	158.43	0.00	0.00	0.00	3083.57	628.38	0.00	0.00	2455.20
173+10	17309.66	9.66	91.41	0.00	0.00	0.00	32.56	0.00	0.00	0.00	3116.13	628.38	0.00	0.00	2487.75
173+10	17309.66	0.00	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3116.13	628.38	0.00	0.00	2487.75
173+50	17350.00	40.34	40.66	0.00	0.00	0.00	60.26	0.00	0.00	0.00	3176.39	628.38	0.00	0.00	2548.01
174+00	17400.00	50.00	39.96	0.00	0.00	0.00	74.65	0.00	0.00	0.00	3251.03	628.38	0.00	0.00	2622.66
174+50	17450.00	50.00	38.93	0.00	0.00	0.00	73.05	0.00	0.00	0.00	3324.08	628.38	0.00	0.00	2695.70
175+00	17500.00	50.00	39.59	0.00	0.00	0.00	72.70	0.00	0.00	0.00	3396.78	628.38	0.00	0.00	2768.41
175+40	17539.93	39.93	42.02	0.00	0.00	0.00	60.35	0.00	0.00	0.00	3457.13	628.38	0.00	0.00	2828.75
175+40	17539.93	0.00	427.82	0.00	3.91	0.00	0.00	0.00	0.00	0.00	3457.13	628.38	0.00	0.00	2828.75
175+50	17550.00	10.07	447.65	0.00	11.29	0.00	163.26	0.00	2.83	0.00	3620.39	631.78	0.00	0.00	2988.61
176+00	17600.00	50.00	573.16	0.00	4.34	0.00	945.19	0.00	14.47	0.00	4565.58	649.15	0.00	0.00	3916.44
176+50	17650.00	50.00	737.47	0.00	3.09	0.00	1213.55	0.00	6.88	0.00	5779.13	657.40	0.00	0.00	5121.73
177+00	17700.00	50.00	836.95	0.00	4.46	0.00	1457.80	0.00	6.99	0.00	7236.93	665.79	0.00	0.00	6571.14
177+50	17750.00	50.00	848.64	0.00	2.97	0.00	1560.73	0.00	6.88	0.00	8797.66	674.05	0.00	0.00	8123.61
178+00	17800.00	50.00	867.90	0.00	0.00	0.00	1589.39	0.00	2.75	0.00	10387.05	677.35	0.00	0.00	9709.70
178+50	17850.00	50.00	840.08	0.00	12.61	0.00	1581.46	0.00	11.68	0.00	11968.51	691.36	0.00	0.00	11277.15
178+50	17850.00	0.00	839.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11968.51	691.36	0.00	0.00	11277.15
179+00	17900.00	50.00	711.84	0.00	10.88	0.00	1436.26	0.00	10.07	0.00	13404.77	703.45	0.00	0.00	12701.32
179+50	17950.00	50.00	616.12	0.00	63.04	0.00	1229.59	0.00	68.44	0.00	14634.36	785.58	0.00	0.00	13848.78
180+00 BK	18000.00	50.00	0.00	0.00	141.43	0.00	570.48	0.00	189.32	0.00	15204.84	1012.77	0.00	0.00	14192.07
						Column totals	15204.84	0.00	843.97	0.00					

1

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

Addendum No. 01
ID 1060-33-81
Revised Sheet 4736
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EARTHWORK	SHEET: 4736	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090101_ew.ppt PLOT DATE : 8/12/2015 4:41:50 PM PLOT BY : MSCCEJ PLOT NAME : 090101_ew112 PLOT SCALE : 1:1

Division 5 RAMP WS

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/ Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.2	Cumulative Vol (CY) Expanded EBS Backfill 1.30 Note 4	Cumulative Vol (CY) Reduced EBS In Fill 0.80 Note 5	Mass Ordinate Note 6
560+45 AH	56044.51	0.00	0.00	0.00	15.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
560+50	56050.00	5.49	0.00	0.00	9.97	0.00	0.00	0.00	2.56	0.00	0.00	3.07	0.00	0.00	-3.07
561+00	56100.00	50.00	0.00	0.00	11.67	0.00	0.00	0.00	20.04	0.00	0.00	27.11	0.00	0.00	-27.11
561+50	56150.00	50.00	0.00	0.00	14.51	0.00	0.00	0.00	24.24	0.00	0.00	56.20	0.00	0.00	-56.20
561+80 BK	56180.00	30.00	0.00	0.00	17.37	0.00	0.00	0.00	17.71	0.00	0.00	77.45	0.00	0.00	-77.45
562+32 AH	56231.79	0.00	0.00	0.00	84.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
562+50	56250.00	18.21	0.00	0.00	25.32	0.00	0.00	0.00	37.11	0.00	0.00	44.53	0.00	0.00	-44.53
563+00	56300.00	50.00	0.00	0.00	31.38	0.00	0.00	0.00	52.50	0.00	0.00	107.53	0.00	0.00	-107.53
563+50	56350.00	50.00	0.00	0.00	41.86	0.00	0.00	0.00	67.81	0.00	0.00	188.91	0.00	0.00	-188.91
564+00	56400.00	50.00	0.00	0.00	56.42	0.00	0.00	0.00	91.00	0.00	0.00	298.11	0.00	0.00	-298.11
564+50	56450.00	50.00	0.00	0.00	77.68	0.00	0.00	0.00	124.17	0.00	0.00	447.11	0.00	0.00	-447.11
565+00	56500.00	50.00	0.00	0.00	103.49	0.00	0.00	0.00	167.75	0.00	0.00	648.41	0.00	0.00	-648.41
565+50	56550.00	50.00	0.00	0.00	131.57	0.00	0.00	0.00	217.65	0.00	0.00	909.59	0.00	0.00	-909.59
566+00	56600.00	50.00	0.00	0.00	159.78	0.00	0.00	0.00	269.77	0.00	0.00	1233.31	0.00	0.00	-1233.31
566+11 BK	56610.98	10.98	0.00	0.00	167.96	0.00	0.00	0.00	66.64	0.00	0.00	1313.28	0.00	0.00	-1313.28
					Column totals		0.00	0.00	1158.95	0.00					

1

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

Addendum No. 01
ID 1060-33-81
Revised Sheet 4737
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EARTHWORK	SHEET: 4737	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090101_ew.ppt PLOT DATE : 8/11/2015 11:25:36 AM PLOT BY : MSCCEJ PLOT NAME : 090101_ew113 PLOT SCALE : 1:1

Division 5 RAMP SB

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/ Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.2	Cumulative Vol (CY) Expanded EBS Backfill 1.30 Note 4	Cumulative Vol (CY) Reduced EBS In Fill 0.80 Note 5	Mass Ordinate Note 6
566+78 AH	56677.50	0.00	171.93	0.00	8.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
567+00	56700.00	22.50	35.08	0.00	9.40	0.00	86.25	0.00	7.39	0.00	86.25	8.87	0.00	0.00	77.39
567+50	56750.00	50.00	0.00	0.00	30.96	0.00	32.48	0.00	37.37	0.00	118.74	53.71	0.00	0.00	65.03
568+00	56800.00	50.00	0.00	0.00	17.57	0.00	0.00	0.00	44.94	0.00	118.74	107.63	0.00	0.00	11.10
568+50	56850.00	50.00	0.46	0.00	14.60	0.00	0.43	0.00	29.79	0.00	119.16	143.38	0.00	0.00	-24.21
569+00	56900.00	50.00	1.45	0.00	13.78	0.00	1.77	0.00	26.28	0.00	120.93	174.91	0.00	0.00	-53.98
569+50	56950.00	50.00	1.73	0.00	13.73	0.00	2.94	0.00	25.47	0.00	123.87	205.48	0.00	0.00	-81.60
570+00	57000.00	50.00	3.53	0.00	16.07	0.00	4.87	0.00	27.59	0.00	128.74	238.59	0.00	0.00	-109.84
570+50	57050.00	50.00	12.18	0.00	12.32	0.00	14.55	0.00	26.29	0.00	143.29	270.13	0.00	0.00	-126.84
570+86	57086.00	36.00	4.86	0.00	29.74	0.00	11.36	0.00	28.04	0.00	154.65	303.78	0.00	0.00	-149.13
570+86	57086.00	0.00	7.91	0.00	17.92	0.00	0.00	0.00	0.00	0.00	154.65	303.78	0.00	0.00	-149.13
571+00	57100.00	14.00	33.64	0.00	68.71	0.00	10.77	0.00	22.46	0.00	165.42	330.73	0.00	0.00	-165.31
571+50	57150.00	50.00	0.54	0.00	67.54	0.00	31.65	0.00	126.16	0.00	197.07	482.12	0.00	0.00	-285.05
572+00	57200.00	50.00	2.53	0.00	24.27	0.00	2.84	0.00	85.01	0.00	199.91	584.13	0.00	0.00	-384.22
572+50	57250.00	50.00	29.35	0.00	13.00	0.00	29.52	0.00	34.51	0.00	229.43	625.54	0.00	0.00	-396.11
573+00	57300.00	50.00	70.71	0.00	12.74	0.00	92.65	0.00	23.83	0.00	322.08	654.14	0.00	0.00	-332.06
573+00	57300.00	0.00	125.49	0.00	12.68	0.00	0.00	0.00	0.00	0.00	322.08	654.14	0.00	0.00	-332.06
573+50	57350.00	50.00	149.82	0.00	8.11	0.00	254.92	0.00	19.25	0.00	577.00	677.24	0.00	0.00	-100.24
574+00	57400.00	50.00	294.94	0.00	6.35	0.00	411.81	0.00	13.39	0.00	988.81	693.31	0.00	0.00	295.50
574+50	57450.00	50.00	367.17	0.00	44.49	0.00	613.06	0.00	47.07	0.00	1601.88	749.80	0.00	0.00	852.08
575+00	57500.00	50.00	387.35	0.00	2.61	0.00	698.63	0.00	43.61	0.00	2300.51	802.13	0.00	0.00	1498.38
575+34 BK	57534.00	34.00	392.63	0.00	0.02	0.00	491.10	0.00	1.66	0.00	2791.61	804.12	0.00	0.00	1987.49
						Column totals	2791.61	0.00	670.10	0.00					

1

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

Addendum No. 01
ID 1060-33-81
Revised Sheet 4741
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EARTHWORK	SHEET: 4741	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090101_ew.ppt PLOT DATE : 8/12/2015 4:41:50 PM PLOT BY : MSCCEJ PLOT NAME : 090101_ew117 PLOT SCALE : 1:1

(CONTINUED)

Division 6 USH 45 SB

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/ Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.2	Cumulative Vol (CY) Expanded EBS Backfill 1.30 Note 4	Cumulative Vol (CY) Reduced EBS In Fill 0.80 Note 5	Mass Ordinate Note 6
206+98	20698.00	0.00	82.68	0.00	20.02	0.00	0.00	0.00	0.00	0.00	3561.69	137.23	0.00	0.00	3424.46
207+00	20700.00	2.00	128.01		24.71	0.00	7.80	0.00	1.66	0.00	3569.50	139.22	0.00	0.00	3430.28
207+50	20750.00	50.00	102.05	0.00	41.76	0.00	213.02	0.00	61.55	0.00	3782.52	213.07	0.00	0.00	3569.44
208+00	20800.00	50.00	98.00	0.00	25.96	0.00	185.23	0.00	62.70	0.00	3967.75	288.32	0.00	0.00	3679.43
208+05	20805.00	5.00	77.94	0.00	20.08	0.00	16.29	0.00	4.26	0.00	3984.04	293.43	0.00	0.00	3690.60
208+05	20805.00	0.00	47.53	0.00	15.95	0.00	0.00	0.00	0.00	0.00	3984.04	293.43	0.00	0.00	3690.60
208+50	20850.00	45.00	88.36	0.00	3.27	0.00	113.24	0.00	16.02	0.00	4097.28	312.65	0.00	0.00	3784.63
209+00	20900.00	50.00	94.16	0.00	2.71	0.00	169.00	0.00	5.54	0.00	4266.28	319.30	0.00	0.00	3946.98
209+50	20950.00	50.00	68.88	0.00	1.41	0.00	150.96	0.00	3.81	0.00	4417.24	323.88	0.00	0.00	4093.37
210+00	21000.00	50.00	69.92	0.00	0.00	0.00	128.52	0.00	1.31	0.00	4545.76	325.44	0.00	0.00	4220.32
210+50	21050.00	50.00	72.97	0.00	0.00	0.00	132.31	0.00	0.00	0.00	4678.07	325.44	0.00	0.00	4352.62
210+63	21063.00	13.00	75.17	0.00	0.00	0.00	35.66	0.00	0.00	0.00	4713.73	325.44	0.00	0.00	4388.29
210+63	21063.00	0.00	30.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4713.73	325.44	0.00	0.00	4388.29
211+00	21100.00	37.00	31.71	0.00	0.00	0.00	42.70	0.00	0.00	0.00	4756.43	325.44	0.00	0.00	4430.99
211+00	21100.00	0.00	61.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4756.43	325.44	0.00	0.00	4430.99
211+50	21150.00	50.00	59.44	0.00	0.00	0.00	112.30	0.00	0.00	0.00	4868.73	325.44	0.00	0.00	4543.28
212+00	21200.00	50.00	57.72	0.00	0.00	0.00	108.48	0.00	0.00	0.00	4977.21	325.44	0.00	0.00	4651.77
212+50	21250.00	50.00	52.95	0.00	0.00	0.00	102.47	0.00	0.00	0.00	5079.68	325.44	0.00	0.00	4754.24
212+63	21262.62	12.62	161.45	0.00	0.00	0.00	50.11	0.00	0.00	0.00	5129.79	325.44	0.00	0.00	4804.34
212+63	21262.62	0.00	302.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5129.79	325.44	0.00	0.00	4804.34
213+00	21300.00	37.38	423.13	0.00	0.00	0.00	502.10	0.00	0.00	0.00	5631.88	325.44	0.00	0.00	5306.44
213+50	21350.00	50.00	460.61	0.00	0.00	0.00	818.28	0.00	0.00	0.00	6450.16	325.44	0.00	0.00	6124.72
214+00	21400.00	50.00	439.97	0.00	0.00	0.00	833.87	0.00	0.00	0.00	7284.03	325.44	0.00	0.00	6958.59
214+00	21400.00	0.00	455.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7284.03	325.44	0.00	0.00	6958.59
214+50	21450.00	50.00	378.70	0.00	0.00	0.00	772.22	0.00	0.00	0.00	8056.25	325.44	0.00	0.00	7730.81
215+00	21500.00	50.00	297.92	0.00	0.00	0.00	626.50	0.00	0.00	0.00	8682.75	325.44	0.00	0.00	8357.31
215+50	21550.00	50.00	222.20	0.00	1.44	0.00	481.59	0.00	1.33	0.00	9164.35	327.04	0.00	0.00	8837.30
216+00	21600.00	50.00	142.16	0.00	4.24	0.00	337.37	0.00	5.26	0.00	9501.72	333.35	0.00	0.00	9168.36

1

Addendum No. 01
ID 1060-33-81
Revised Sheet 4751
August 17, 2015

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

(CONTINUED ON NEXT SHEET)

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EARTHWORK	SHEET: 4751	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090101_ew.ppt PLOT DATE : 8/12/2015 4:41:50 PM PLOT BY : MSCCEJ PLOT NAME : 090101_ew127 PLOT SCALE : 1:1

(CONTINUED)

Division 6 USH 45 SB

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/ Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.2	Cumulative Vol (CY) Expanded EBS Backfill 1.30 Note 4	Cumulative Vol (CY) Reduced EBS In Fill 0.80 Note 5	Mass Ordinate Note 6
216+00	21600.00	0.00	145.15	0.00	4.02	0.00	0.00	0.00	0.00	0.00	9501.72	333.35	0.00	0.00	9168.36
216+50	21650.00	50.00	96.56	0.00	8.76	0.00	223.81	0.00	11.83	0.00	9725.52	347.55	0.00	0.00	9377.97
217+00	21700.00	50.00	56.02	0.00	20.93	0.00	141.28	0.00	27.49	0.00	9866.80	380.54	0.00	0.00	9486.26
217+50	21750.00	50.00	22.23	0.00	48.21	0.00	72.45	0.00	64.02	0.00	9939.25	457.37	0.00	0.00	9481.89
218+00	21800.00	50.00	3.66	0.00	98.52	0.00	23.97	0.00	135.86	0.00	9963.23	620.40	0.00	0.00	9342.83
218+50	21850.00	50.00	4.83	0.00	177.02	0.00	7.86	0.00	255.13	0.00	9971.09	926.55	0.00	0.00	9044.53
219+00	21900.00	50.00	3.56	0.00	277.49	0.00	7.77	0.00	420.84	0.00	9978.86	1431.57	0.00	0.00	8547.29
219+50	21950.00	50.00	9.01	0.00	396.48	0.00	11.64	0.00	624.05	0.00	9990.49	2180.42	0.00	0.00	7810.07
220+00	22000.00	50.00	8.80	0.00	482.32	0.00	16.49	0.00	813.70	0.00	10006.99	3156.87	0.00	0.00	6850.12
220+50	22050.00	50.00	6.57	0.00	538.97	0.00	14.23	0.00	945.64	0.00	10021.22	4291.63	0.00	0.00	5729.58
221+00	22100.00	50.00	5.30	0.00	601.25	0.00	10.99	0.00	1055.76	0.00	10032.21	5558.54	0.00	0.00	4473.66
221+50	22150.00	50.00	1.67	0.00	659.58	0.00	6.45	0.00	1167.44	0.00	10038.66	6959.47	0.00	0.00	3079.20
222+00	22200.00	50.00	0.00	0.00	488.66	0.00	1.55	0.00	1063.19	0.00	10040.21	8235.29	0.00	0.00	1804.92
222+50	22250.00	50.00	0.00	0.00	510.28	0.00	0.00	0.00	924.94	0.00	10040.21	9345.22	0.00	0.00	694.99
223+00	22300.00	50.00	0.00	0.00	501.07	0.00	0.00	0.00	936.44	0.00	10040.21	10468.94	0.00	0.00	-428.74
223+50	22350.00	50.00	0.00	0.00	501.65	0.00	0.00	0.00	928.44	0.00	10040.21	11583.08	0.00	0.00	-1542.87
224+00	22400.00	50.00	0.00	0.00	514.56	0.00	0.00	0.00	940.94	0.00	10040.21	12712.20	0.00	0.00	-2671.99
224+50	22450.00	50.00	0.00	0.00	527.97	0.00	0.00	0.00	965.31	0.00	10040.21	13870.57	0.00	0.00	-3830.36
225+00	22500.00	50.00	0.00	0.00	525.72	0.00	0.00	0.00	975.64	0.00	10040.21	15041.33	0.00	0.00	-5001.12
225+50	22550.00	50.00	0.00	0.00	475.28	0.00	0.00	0.00	926.85	0.00	10040.21	16153.55	0.00	0.00	-6113.35
226+00	22600.00	50.00	0.00	0.00	396.67	0.00	0.00	0.00	807.36	0.00	10040.21	17122.39	0.00	0.00	-7082.18
226+50	22650.00	50.00	0.00	0.00	389.24	0.00	0.00	0.00	727.69	0.00	10040.21	17995.62	0.00	0.00	-7955.41
227+00	22700.00	50.00	0.00	0.00	331.74	0.00	0.00	0.00	667.57	0.00	10040.21	18796.71	0.00	0.00	-8756.50
227+50	22750.00	50.00	0.00	0.00	279.45	0.00	0.00	0.00	565.92	0.00	10040.21	19475.81	0.00	0.00	-9435.60
228+00	22800.00	50.00	0.74	0.00	257.83	0.00	0.69	0.00	497.48	0.00	10040.89	20072.79	0.00	0.00	-10031.89
228+50	22850.00	50.00	11.76	0.00	221.52	0.00	11.57	0.00	443.84	0.00	10052.47	20605.40	0.00	0.00	-10552.93
228+62	22862.49	12.49	27.91	0.00	0.16	0.00	9.18	0.00	51.27	0.00	10061.64	20666.93	0.00	0.00	-10605.28
228+76 BK	22875.79	13.30	0.00	0.00	0.00	0.00	6.87	0.00	0.04	0.00	10068.52	20666.97	0.00	0.00	-10598.46

1

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

Addendum No. 01
ID 1060-33-81
Revised Sheet 4752
August 17, 2015

(CONTINUED ON NEXT SHEET)

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EARTHWORK	SHEET: 4752	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090101_ew.ppt PLOT DATE : 8/12/2015 4:41:50 PM PLOT BY : MSCCEJ PLOT NAME : 090101_ew128 PLOT SCALE : 1:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 4753
August 17, 2015

(CONTINUED)

Division 6 USH 45 SB

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/ Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.2	Cumulative Vol (CY) Expanded EBS Backfill 1.30 Note 4	Cumulative Vol (CY) Reduced EBS In Fill 0.80 Note 5	Mass Ordinate Note 6
230+65 AH	23064.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
230+76	23076.39	11.64	110.81	0.00	1.44	0.00	23.89	0.00	0.31	0.00	23.89	0.37	0.00	0.00	23.51
231+00	23100.00	23.61	53.67	0.00	16.68	0.00	71.91	0.00	7.92	0.00	95.80	9.88	0.00	0.00	85.92
231+50	23150.00	50.00	5.53	0.00	259.46	0.00	54.81	0.00	255.69	0.00	150.61	316.70	0.00	0.00	-166.09
232+00	23200.00	50.00	0.00	0.00	325.78	0.00	5.12	0.00	541.89	0.00	155.74	966.97	0.00	0.00	-811.23
232+50	23250.00	50.00	0.00	0.00	383.39	0.00	0.00	0.00	656.64	0.00	155.74	1754.93	0.00	0.00	-1599.20
233+00	23300.00	50.00	0.00	0.00	428.93	0.00	0.00	0.00	752.15	0.00	155.74	2657.51	0.00	0.00	-2501.78
233+50	23350.00	50.00	0.00	0.00	473.47	0.00	0.00	0.00	835.56	0.00	155.74	3660.18	0.00	0.00	-3504.44
234+00	23400.00	50.00	0.00	0.00	528.23	0.00	0.00	0.00	927.50	0.00	155.74	4773.18	0.00	0.00	-4617.44
234+50	23450.00	50.00	0.00	0.00	552.60	0.00	0.00	0.00	1000.77	0.00	155.74	5974.10	0.00	0.00	-5818.37
235+00	23500.00	50.00	0.00	0.00	554.18	0.00	0.00	0.00	1024.80	0.00	155.74	7203.86	0.00	0.00	-7048.12
235+50	23550.00	50.00	0.15	0.00	547.10	0.00	0.14	0.00	1019.70	0.00	155.87	8427.50	0.00	0.00	-8271.63
236+00	23600.00	50.00	0.28	0.00	587.06	0.00	0.40	0.00	1050.15	0.00	156.27	9687.68	0.00	0.00	-9531.41
236+50	23650.00	50.00	1.58	0.00	573.54	0.00	1.72	0.00	1074.63	0.00	157.99	10977.23	0.00	0.00	-10819.24
237+00	23700.00	50.00	5.87	0.00	562.04	0.00	6.90	0.00	1051.46	0.00	164.89	12238.99	0.00	0.00	-12074.10
237+50	23750.00	50.00	0.00	0.00	558.67	0.00	5.44	0.00	1037.69	0.00	170.33	13484.22	0.00	0.00	-13313.90
238+00	23800.00	50.00	0.00	0.00	558.03	0.00	0.00	0.00	1033.98	0.00	170.33	14725.00	0.00	0.00	-14554.67
238+48	23848.00	48.00	0.00	0.00	533.64	0.00	0.00	0.00	970.37	0.00	170.33	15889.45	0.00	0.00	-15719.12
238+48	23848.00	0.00	0.00	0.00	373.35	0.00	0.00	0.00	0.00	0.00	170.33	15889.45	0.00	0.00	-15719.12
238+50	23850.00	2.00	0.00	0.00	372.24	0.00	0.00	0.00	27.61	0.00	170.33	15922.59	0.00	0.00	-15752.26
239+00	23900.00	50.00	0.00	0.00	335.97	0.00	0.00	0.00	655.75	0.00	170.33	16709.49	0.00	0.00	-16539.16
239+50	23950.00	50.00	0.00	0.00	294.59	0.00	0.00	0.00	583.85	0.00	170.33	17410.11	0.00	0.00	-17239.78
240+00	24000.00	50.00	0.00	0.00	248.62	0.00	0.00	0.00	502.97	0.00	170.33	18013.68	0.00	0.00	-17843.35
240+50	24050.00	50.00	0.00	0.00	192.18	0.00	0.00	0.00	408.15	0.00	170.33	18503.45	0.00	0.00	-18333.13
241+00	24100.00	50.00	0.00	0.00	129.87	0.00	0.00	0.00	298.19	0.00	170.33	18861.29	0.00	0.00	-18690.96
241+50	24150.00	50.00	3.17	0.00	78.53	0.00	2.94	0.00	192.96	0.00	173.26	19092.84	0.00	0.00	-18919.58
241+87	24187.00	37.00	10.86	0.00	48.64	0.00	9.61	0.00	87.14	0.00	182.88	19197.40	0.00	0.00	-19014.53
241+87	24187.00	0.00	10.89	0.00	58.71	0.00	0.00	0.00	0.00	0.00	182.88	19197.40	0.00	0.00	-19014.53
242+00	24200.00	13.00	15.02	0.00	48.81	0.00	6.24	0.00	25.88	0.00	189.11	19228.47	0.00	0.00	-19039.35
242+50	24250.00	50.00	30.43	0.00	15.68	0.00	42.08	0.00	59.71	0.00	231.20	19300.12	0.00	0.00	-19068.92
243+00	24300.00	50.00	69.33	0.00	0.86	0.00	92.37	0.00	15.31	0.00	323.57	19318.50	0.00	0.00	-18994.93
243+50	24350.00	50.00	118.95	0.00	0.00	0.00	174.33	0.00	0.80	0.00	497.90	19319.45	0.00	0.00	-18821.55
244+00	24400.00	50.00	164.52	0.00	0.00	0.00	262.47	0.00	0.00	0.00	760.37	19319.45	0.00	0.00	-18559.08

1

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

(CONTINUED ON NEXT SHEET)

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EARTHWORK	SHEET: 4753	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090101_ew.ppt PLOT DATE : 8/12/2015 4:41:50 PM PLOT BY : MSCCEJ PLOT NAME : 090101_ew129 PLOT SCALE : 1:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 4754
August 17, 2015

(CONTINUED)

Division 6 USH 45 SB

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/ Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.2	Cumulative Vol (CY) Expanded EBS Backfill 1.30 Note 4	Cumulative Vol (CY) Reduced EBS In Fill 0.80 Note 5	Mass Ordinate Note 6
244+50	24450.00	50.00	210.29	0.00	0.00	0.00	347.05	0.00	0.00	0.00	1107.42	19319.45	0.00	0.00	-18212.04
245+00	24500.00	50.00	259.21	0.00	0.01	0.00	434.72	0.00	0.01	0.00	1542.14	19319.47	0.00	0.00	-17777.32
245+50	24550.00	50.00	298.10	0.00	0.00	0.00	516.03	0.00	0.01	0.00	2058.17	19319.48	0.00	0.00	-17261.31
246+00	24600.00	50.00	333.44	0.00	0.00	0.00	584.76	0.00	0.00	0.00	2642.93	19319.48	0.00	0.00	-16676.55
246+50	24650.00	50.00	368.24	0.00	0.00	0.00	649.70	0.00	0.00	0.00	3292.63	19319.48	0.00	0.00	-16026.84
247+00	24700.00	50.00	381.64	0.00	45.68	0.00	694.33	0.00	42.30	0.00	3986.97	19370.23	0.00	0.00	-15383.27
247+50	24750.00	50.00	385.51	0.00	61.76	0.00	710.32	0.00	99.48	0.00	4697.29	19489.61	0.00	0.00	-14792.32
248+00	24800.00	50.00	386.76	0.00	78.75	0.00	715.06	0.00	130.10	0.00	5412.35	19645.73	0.00	0.00	-14233.38
248+50	24850.00	50.00	376.23	0.00	92.00	0.00	706.47	0.00	158.10	0.00	6118.83	19835.45	0.00	0.00	-13716.63
249+00	24900.00	50.00	354.45	0.00	0.00	0.00	676.56	0.00	85.19	0.00	6795.38	19937.68	0.00	0.00	-13142.29
249+50	24950.00	50.00	342.99	0.00	0.00	0.00	645.78	0.00	0.00	0.00	7441.16	19937.68	0.00	0.00	-12496.52
250+00	25000.00	50.00	332.61	0.00	0.00	0.00	625.56	0.00	0.00	0.00	8066.72	19937.68	0.00	0.00	-11870.96
250+50	25050.00	50.00	322.96	0.00	0.00	0.00	607.01	0.00	0.00	0.00	8673.72	19937.68	0.00	0.00	-11263.95
251+00	25100.00	50.00	311.54	0.00	0.00	0.00	587.50	0.00	0.00	0.00	9261.22	19937.68	0.00	0.00	-10676.45
251+50	25150.00	50.00	300.95	0.00	0.00	0.00	567.12	0.00	0.00	0.00	9828.35	19937.68	0.00	0.00	-10109.33
252+00	25200.00	50.00	293.98	0.00	0.00	0.00	550.86	0.00	0.00	0.00	10379.21	19937.68	0.00	0.00	-9558.47
252+50	25250.00	50.00	287.76	0.00	0.00	0.00	538.65	0.00	0.00	0.00	10917.85	19937.68	0.00	0.00	-9019.82
253+00	25300.00	50.00	284.67	0.00	0.00	0.00	530.03	0.00	0.00	0.00	11447.88	19937.68	0.00	0.00	-8489.79
253+50	25350.00	50.00	274.21	0.00	0.00	0.00	517.48	0.00	0.00	0.00	11965.36	19937.68	0.00	0.00	-7972.31
254+00	25400.00	50.00	267.01	0.00	0.00	0.00	501.13	0.00	0.00	0.00	12466.49	19937.68	0.00	0.00	-7471.18
254+50	25450.00	50.00	263.96	0.00	0.00	0.00	491.64	0.00	0.00	0.00	12958.13	19937.68	0.00	0.00	-6979.54
255+00	25500.00	50.00	266.22	0.00	0.00	0.00	490.91	0.00	0.00	0.00	13449.04	19937.68	0.00	0.00	-6488.64
255+50	25550.00	50.00	290.66	0.00	0.00	0.00	515.63	0.00	0.00	0.00	13964.67	19937.68	0.00	0.00	-5973.01
256+00	25600.00	50.00	295.31	0.00	0.00	0.00	542.56	0.00	0.00	0.00	14507.23	19937.68	0.00	0.00	-5430.44
256+50	25650.00	50.00	308.05	0.00	0.00	0.00	558.67	0.00	0.00	0.00	15065.90	19937.68	0.00	0.00	-4871.78
256+53	25653.00	3.00	308.84	0.00	0.00	0.00	34.27	0.00	0.00	0.00	15100.17	19937.68	0.00	0.00	-4837.50
256+53	25653.00	0.00	163.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15100.17	19937.68	0.00	0.00	-4837.50
257+00	25700.00	47.00	164.52	0.00	0.00	0.00	285.57	0.00	0.00	0.00	15385.74	19937.68	0.00	0.00	-4551.94
257+00	25700.00	0.00	99.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15385.74	19937.68	0.00	0.00	-4551.94
257+50	25750.00	50.00	100.71	0.00	0.00	0.00	185.48	0.00	0.00	0.00	15571.22	19937.68	0.00	0.00	-4366.45
258+00	25800.00	50.00	102.61	0.00	0.00	0.00	188.26	0.00	0.00	0.00	15759.48	19937.68	0.00	0.00	-4178.20
258+50	25850.00	50.00	103.59	0.00	0.00	0.00	190.93	0.00	0.00	0.00	15950.41	19937.68	0.00	0.00	-3987.27
259+00	25900.00	50.00	104.84	0.00	0.00	0.00	192.99	0.00	0.00	0.00	16143.40	19937.68	0.00	0.00	-3794.28

1

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

(CONTINUED ON NEXT SHEET)

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EARTHWORK	SHEET: 4754	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090101_ew.ppt PLOT DATE : 8/12/2015 4:41:50 PM PLOT BY : MSCCEJ PLOT NAME : 090101_ew130 PLOT SCALE : 1:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 4755
August 17, 2015

(CONTINUED)

Division 6 USH 45 SB

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/ Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.2	Cumulative Vol (CY) Expanded EBS Backfill 1.30 Note 4	Cumulative Vol (CY) Reduced EBS In Fill 0.80 Note 5	Mass Ordinate Note 6
259+50	25950.00	50.00	104.06	0.00	0.00	0.00	193.43	0.00	0.00	0.00	16336.82	19937.68	0.00	0.00	-3600.85
260+00	26000.00	50.00	100.76	0.00	0.00	0.00	189.65	0.00	0.00	0.00	16526.47	19937.68	0.00	0.00	-3411.20
260+50	26050.00	50.00	99.37	0.00	0.00	0.00	185.31	0.00	0.00	0.00	16711.78	19937.68	0.00	0.00	-3225.90
261+00	26100.00	50.00	95.97	0.00	0.00	0.00	180.87	0.00	0.00	0.00	16892.65	19937.68	0.00	0.00	-3045.03
261+00	26100.00	0.00	150.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16892.65	19937.68	0.00	0.00	-3045.03
261+50	26150.00	50.00	145.90	0.00	0.00	0.00	274.38	0.00	0.00	0.00	17167.03	19937.68	0.00	0.00	-2770.65
262+00	26200.00	50.00	138.75	0.00	0.00	0.00	263.56	0.00	0.00	0.00	17430.59	19937.68	0.00	0.00	-2507.08
262+50	26250.00	50.00	138.49	0.00	0.00	0.00	256.70	0.00	0.00	0.00	17687.30	19937.68	0.00	0.00	-2250.38
263+00	26300.00	50.00	131.68	0.00	0.00	0.00	250.16	0.00	0.00	0.00	17937.45	19937.68	0.00	0.00	-2000.22
263+50	26350.00	50.00	125.59	0.00	0.00	0.00	238.21	0.00	0.00	0.00	18175.67	19937.68	0.00	0.00	-1762.01
264+00	26400.00	50.00	122.46	0.00	0.00	0.00	229.68	0.00	0.00	0.00	18405.34	19937.68	0.00	0.00	-1532.33
264+31	26431.00	31.00	119.51	0.00	0.08	0.00	138.91	0.00	0.05	0.00	18544.25	19937.73	0.00	0.00	-1393.48
264+31	26431.00	0.00	150.47	0.00	0.48	0.00	0.00	0.00	0.00	0.00	18544.25	19937.73	0.00	0.00	-1393.48
264+50	26450.00	19.00	148.68	0.00	0.38	0.00	105.26	0.00	0.30	0.00	18649.51	19938.10	0.00	0.00	-1288.59
265+00	26500.00	50.00	145.79	0.00	0.14	0.00	272.66	0.00	0.48	0.00	18922.17	19938.67	0.00	0.00	-1016.51
265+50	26550.00	50.00	144.55	0.00	0.20	0.00	268.83	0.00	0.31	0.00	19191.00	19939.05	0.00	0.00	-748.05
266+00	26600.00	50.00	137.87	0.00	0.30	0.00	261.50	0.00	0.46	0.00	19452.50	19939.61	0.00	0.00	-487.11
266+50	26650.00	50.00	130.12	0.00	0.48	0.00	248.14	0.00	0.72	0.00	19700.64	19940.47	0.00	0.00	-239.84
267+00	26700.00	50.00	121.37	0.00	0.61	0.00	232.86	0.00	1.01	0.00	19933.50	19941.68	0.00	0.00	-8.19
267+50	26750.00	50.00	111.85	0.00	0.70	0.00	215.94	0.00	1.21	0.00	20149.44	19943.14	0.00	0.00	206.30
268+00	26800.00	50.00	100.23	0.00	0.92	0.00	196.37	0.00	1.50	0.00	20345.81	19944.94	0.00	0.00	400.87
268+50	26850.00	50.00	89.04	0.00	0.00	0.00	175.25	0.00	0.85	0.00	20521.06	19945.96	0.00	0.00	575.10
269+00	26900.00	50.00	74.97	0.00	0.00	0.00	151.86	0.00	0.00	0.00	20672.92	19945.96	0.00	0.00	726.96
269+00	26900.00	0.00	56.47	0.00	0.04	0.00	0.00	0.00	0.00	0.00	20672.92	19945.96	0.00	0.00	726.96
269+50	26950.00	50.00	44.41	0.00	0.01	0.00	93.41	0.00	0.05	0.00	20766.33	19946.02	0.00	0.00	820.31
270+00	27000.00	50.00	31.48	0.00	0.01	0.00	70.27	0.00	0.02	0.00	20836.60	19946.04	0.00	0.00	890.56
270+50	27050.00	50.00	18.50	0.00	0.32	0.00	46.28	0.00	0.31	0.00	20882.88	19946.41	0.00	0.00	936.47
271+00	27100.00	50.00	9.52	0.00	4.00	0.00	25.94	0.00	4.00	0.00	20908.82	19951.21	0.00	0.00	957.62
271+50	27150.00	50.00	3.68	0.00	14.64	0.00	12.22	0.00	17.26	0.00	20921.05	19971.92	0.00	0.00	949.13
272+00	27200.00	50.00	1.81	0.00	25.17	0.00	5.08	0.00	36.86	0.00	20926.13	20016.15	0.00	0.00	909.98
272+50	27250.00	50.00	2.77	0.00	36.40	0.00	4.24	0.00	57.01	0.00	20930.37	20084.56	0.00	0.00	845.81
273+00	27300.00	50.00	7.61	0.00	47.06	0.00	9.61	0.00	77.28	0.00	20939.98	20177.30	0.00	0.00	762.68
273+22	27322.00	22.00	10.51	0.00	53.21	0.00	7.38	0.00	40.85	0.00	20947.36	20226.32	0.00	0.00	721.05

1

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

(CONTINUED ON NEXT SHEET)

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EARTHWORK	SHEET: 4755	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090101_ew.ppt PLOT DATE : 8/12/2015 4:41:50 PM PLOT BY : MSCCEJ PLOT NAME : 090101_ew131 PLOT SCALE : 1:1

(CONTINUED)

Division 6 USH 45 SB

STATION		Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/ Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.2	Cumulative Vol (CY) Expanded EBS Backfill 1.30 Note 4	Cumulative Vol (CY) Reduced EBS In Fill 0.80 Note 5	Mass Ordinate Note 6
273+22		27322.00	0.00	10.50	0.00	67.44	0.00	0.00	0.00	0.00	0.00	20947.36	20226.32	0.00	0.00	721.05
273+50		27350.00	28.00	14.25	0.00	87.67	0.00	12.83	0.00	80.43	0.00	20960.20	20322.83	0.00	0.00	637.37
274+00		27400.00	50.00	19.36	0.00	112.98	0.00	31.12	0.00	185.79	0.00	20991.32	20545.77	0.00	0.00	445.54
274+50		27450.00	50.00	19.81	0.00	126.45	0.00	36.27	0.00	221.69	0.00	21027.58	20811.81	0.00	0.00	215.78
275+00		27500.00	50.00	17.20	0.00	133.01	0.00	34.27	0.00	240.24	0.00	21061.85	21100.10	0.00	0.00	-38.24
275+50		27550.00	50.00	13.08	0.00	134.55	0.00	28.04	0.00	247.74	0.00	21089.89	21397.38	0.00	0.00	-307.49
276+00		27600.00	50.00	12.08	0.00	137.05	0.00	23.30	0.00	251.48	0.00	21113.19	21699.16	0.00	0.00	-585.98
276+50		27650.00	50.00	11.03	0.00	125.06	0.00	21.40	0.00	242.69	0.00	21134.58	21990.40	0.00	0.00	-855.81
277+00		27700.00	50.00	10.49	0.00	103.01	0.00	19.93	0.00	211.18	0.00	21154.51	22243.81	0.00	0.00	-1089.30
277+50		27750.00	50.00	11.63	0.00	89.08	0.00	20.48	0.00	177.86	0.00	21174.99	22457.24	0.00	0.00	-1282.25
278+00		27800.00	50.00	14.26	0.00	75.27	0.00	23.97	0.00	152.18	0.00	21198.96	22639.85	0.00	0.00	-1440.89
278+50		27850.00	50.00	23.80	0.00	60.29	0.00	35.24	0.00	125.52	0.00	21234.21	22790.47	0.00	0.00	-1556.27
279+00		27900.00	50.00	29.25	0.00	45.52	0.00	49.12	0.00	97.97	0.00	21283.33	22908.04	0.00	0.00	-1624.71
279+50		27950.00	50.00	5.97	0.00	440.05	0.00	32.61	0.00	449.60	0.00	21315.94	23447.56	0.00	0.00	-2131.63
279+69		27968.98	18.98	6.02	0.00	682.51	0.00	4.21	0.00	394.56	0.00	21320.15	23921.03	0.00	0.00	-2600.88
279+75	BK	27974.87	5.89	0.00	0.00	0.00	0.00	0.66	0.00	74.44	0.00	21320.81	24010.37	0.00	0.00	-2689.56
280+49	AH	28049.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
280+56		28056.27	7.08	0.00	0.00	947.81	0.00	0.00	0.00	124.27	0.00	0.00	149.12	0.00	0.00	-149.12
281+00		28100.00	43.73	114.36	0.00	21.14	0.00	92.61	0.00	784.67	0.00	92.61	1090.73	0.00	0.00	-998.12
281+50		28150.00	50.00	153.02	0.00	30.39	0.00	247.57	0.00	47.71	0.00	340.18	1147.98	0.00	0.00	-807.80
282+00		28200.00	50.00	143.88	0.00	49.44	0.00	274.91	0.00	73.92	0.00	615.09	1236.68	0.00	0.00	-621.59
282+50		28250.00	50.00	149.41	0.00	75.87	0.00	271.56	0.00	116.03	0.00	886.66	1375.92	0.00	0.00	-489.26
283+00		28300.00	50.00	126.26	0.00	52.85	0.00	255.25	0.00	119.19	0.00	1141.91	1518.94	0.00	0.00	-377.03
283+50		28350.00	50.00	129.36	0.00	9.36	0.00	236.69	0.00	57.60	0.00	1378.59	1588.06	0.00	0.00	-209.47
284+00		28400.00	50.00	317.83	0.00	33.54	0.00	414.06	0.00	39.72	0.00	1792.66	1635.73	0.00	0.00	156.93
284+50		28450.00	50.00	318.40	0.00	86.10	0.00	589.10	0.00	110.78	0.00	2381.76	1768.66	0.00	0.00	613.10
284+94		28493.85	43.85	0.78	0.00	482.46	0.00	259.19	0.00	461.69	0.00	2640.94	2322.69	0.00	0.00	318.25
285+06	BK	28506.37	12.52	0.00	0.00	0.00	0.00	0.18	0.00	111.86	0.00	2641.13	2456.92	0.00	0.00	184.20

1

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

Addendum No. 01
ID 1060-33-81
Revised Sheet 4756
August 17, 2015

(CONTINUED ON NEXT SHEET)

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EARTHWORK	SHEET: 4756	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090101_ew.ppt PLOT DATE : 8/12/2015 4:41:50 PM PLOT BY : MSCCEJ PLOT NAME : 090101_ew132 PLOT SCALE : 1:1

(CONTINUED)

Division 6 USH 45 SB

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/ Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged/ Unusable Pavement Material Note 2	Fill Note 3	EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Expanded Fill 1.2	Expanded EBS Backfill 1.30 Note 4	Reduced EBS In Fill 0.80 Note 5	Mass Ordinate Note 6
286+16 AH	28616.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
286+31	28631.21	15.05	1.01	0.00	183.31	0.00	0.28	0.00	51.09	0.00	0.28	61.31	0.00	0.00	-61.03
286+50	28650.00	18.79	102.53	0.00	32.20	0.00	36.03	0.00	74.99	0.00	36.31	151.29	0.00	0.00	-114.98
287+00	28700.00	50.00	121.84	0.00	16.59	0.00	207.75	0.00	45.18	0.00	244.06	205.51	0.00	0.00	38.55
287+50	28750.00	50.00	110.79	0.00	3.47	0.00	215.40	0.00	18.57	0.00	459.46	227.79	0.00	0.00	231.66
287+73	28773.00	23.00	104.45	0.00	1.20	0.00	91.68	0.00	1.99	0.00	551.13	230.18	0.00	0.00	320.95
287+73	28773.00	0.00	88.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	551.13	230.18	0.00	0.00	320.95
288+00	28800.00	27.00	83.84	0.00	0.00	0.00	86.28	0.00	0.00	0.00	637.41	230.18	0.00	0.00	407.23
288+50	28850.00	50.00	42.60	0.00	6.64	0.00	117.07	0.00	6.15	0.00	754.48	237.56	0.00	0.00	516.92
289+00	28900.00	50.00	4.71	0.00	177.81	0.00	43.81	0.00	170.79	0.00	798.29	442.50	0.00	0.00	355.79
289+50	28950.00	50.00	0.08	0.00	1087.36	0.00	4.44	0.00	1171.45	0.00	802.72	1848.25	0.00	0.00	-1045.52
290+00	29000.00	50.00	0.00	0.00	1373.66	0.00	0.07	0.00	2278.72	0.00	802.80	4582.71	0.00	0.00	-3779.92
290+39	29039.00	39.00	0.00	0.00	1168.18	0.00	0.00	0.00	1835.77	0.00	802.80	6785.64	0.00	0.00	-5982.84
290+39	29039.00	0.00	0.00	0.00	1484.13	0.00	0.00	0.00	0.00	0.00	802.80	6785.64	0.00	0.00	-5982.84
290+50	29050.00	11.00	0.00	0.00	1376.94	0.00	0.00	0.00	582.81	0.00	802.80	7485.02	0.00	0.00	-6682.22
291+00	29100.00	50.00	0.11	0.00	792.68	0.00	0.10	0.00	2008.91	0.00	802.90	9895.70	0.00	0.00	-9092.80
291+40	29140.19	40.19	0.10	0.00	718.72	0.00	0.16	0.00	1124.87	0.00	803.06	11245.55	0.00	0.00	-10442.50
291+82 BK	29181.69	41.50	0.00	0.00	0.00	0.00	0.08	0.00	552.35	0.00	803.13	11908.37	0.00	0.00	-11105.24

1

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

Addendum No. 01
ID 1060-33-81
Revised Sheet 4757
August 17, 2015

(CONTINUED ON NEXT SHEET)

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EARTHWORK	SHEET: 4757	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090101_ew.ppt PLOT DATE : 8/12/2015 4:41:50 PM PLOT BY : MSCCEJ PLOT NAME : 090101_ew133 PLOT SCALE : 1:1

(CONTINUED)

Division 6 USH 45 SB

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/ Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.2	Cumulative Vol (CY) Expanded EBS Backfill 1.30 Note 4	Cumulative Vol (CY) Reduced EBS In Fill 0.80 Note 5	Mass Ordinate Note 6
294+15 AH	29415.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
294+57	29456.57	41.49	0.00	0.00	747.93	0.00	0.00	0.00	574.66	0.00	0.00	689.59	0.00	0.00	-689.59
295+00	29500.00	43.43	0.00	0.00	538.86	0.00	0.00	0.00	1034.91	0.00	0.00	1931.49	0.00	0.00	-1931.49
295+50	29550.00	50.00	0.11	0.00	679.20	0.00	0.10	0.00	1127.83	0.00	0.10	3284.89	0.00	0.00	-3284.78
296+00	29600.00	50.00	0.11	0.00	1430.78	0.00	0.20	0.00	1953.69	0.00	0.31	5629.31	0.00	0.00	-5629.00
296+50	29650.00	50.00	0.00	0.00	1917.93	0.00	0.10	0.00	3100.66	0.00	0.41	9350.10	0.00	0.00	-9349.69
297+00	29700.00	50.00	74.63	0.00	872.25	0.00	69.10	0.00	2583.50	0.00	69.51	12450.30	0.00	0.00	-12380.79
297+50	29750.00	50.00	331.56	0.00	92.33	0.00	376.10	0.00	893.13	0.00	445.61	13522.05	0.00	0.00	-13076.44
298+00	29800.00	50.00	494.10	0.00	3.56	0.00	764.50	0.00	88.79	0.00	1210.11	13628.60	0.00	0.00	-12418.49
298+50	29850.00	50.00	654.25	0.00	2.52	0.00	1063.29	0.00	5.63	0.00	2273.40	13635.35	0.00	0.00	-11361.96
299+00	29900.00	50.00	690.47	0.00	2.50	0.00	1245.11	0.00	4.65	0.00	3518.51	13640.93	0.00	0.00	-10122.42
299+50	29950.00	50.00	745.97	0.00	2.50	0.00	1330.04	0.00	4.63	0.00	4848.55	13646.49	0.00	0.00	-8797.94
300+00	30000.00	50.00	765.16	0.00	2.67	0.00	1399.19	0.00	4.79	0.00	6247.74	13652.23	0.00	0.00	-7404.49
300+50	30050.00	50.00	716.75	0.00	8.45	0.00	1372.14	0.00	10.30	0.00	7619.88	13664.59	0.00	0.00	-6044.71
301+00	30100.00	50.00	691.30	0.00	8.75	0.00	1303.75	0.00	15.93	0.00	8923.63	13683.70	0.00	0.00	-4760.07
301+50	30150.00	50.00	511.41	0.00	12.60	0.00	1113.62	0.00	19.77	0.00	10037.25	13707.42	0.00	0.00	-3670.17
302+00	30200.00	50.00	379.63	0.00	22.26	0.00	825.04	0.00	32.28	0.00	10862.29	13746.15	0.00	0.00	-2883.87
302+50	30250.00	50.00	312.84	0.00	10.16	0.00	641.18	0.00	30.02	0.00	11503.46	13782.18	0.00	0.00	-2278.71
302+68	30268.00	18.00	293.03	0.00	8.33	0.00	201.96	0.00	6.16	0.00	11705.42	13789.57	0.00	0.00	-2084.15
302+68	30268.00	0.00	220.28	0.00	8.42	0.00	0.00	0.00	0.00	0.00	11705.42	13789.57	0.00	0.00	-2084.15
303+00	30300.00	32.00	196.64	0.00	10.15	0.00	247.06	0.00	11.00	0.00	11952.48	13802.78	0.00	0.00	-1850.29
303+50	30350.00	50.00	156.16	0.00	11.49	0.00	326.67	0.00	20.04	0.00	12279.15	13826.82	0.00	0.00	-1547.67
304+00	30400.00	50.00	122.46	0.00	11.80	0.00	257.98	0.00	21.56	0.00	12537.13	13852.70	0.00	0.00	-1315.57
304+45 BK	30445.45	45.45	104.42	0.00	0.80	0.00	190.96	0.00	10.61	0.00	12728.09	13865.43	0.00	0.00	-1137.34
		Column totals					48051.08	0.00	60886.79	0.00					

1

Addendum No. 01
ID 1060-33-81
Revised Sheet 4758
August 17, 2015

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090101_ew.ppt PLOT DATE : 8/13/2015 11:59:01 AM PLOT BY : MSCCEJ PLOT NAME : 090101_ew134 PLOT SCALE : 1:1

(CONTINUED)

Division 6 IH 94 WB

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/ Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.2	Cumulative Vol (CY) Expanded EBS Backfill 1.30 Note 4	Cumulative Vol (CY) Reduced EBS In Fill 0.80 Note 5	Mass Ordinate Note 6
148+65	14865.00	0.00	183.74	0.00	39.95	0.00	0.00	0.00	0.00	0.00	4753.10	15808.14	0.00	0.00	-11055.04
149+00	14900.00	35.00	153.15	0.00	6.98	0.00	218.35	0.00	30.42	0.00	4971.45	15844.64	0.00	0.00	-10873.19
149+50	14950.00	50.00	150.75	0.00	4.16	0.00	281.39	0.00	10.31	0.00	5252.84	15857.02	0.00	0.00	-10604.17
150+00	15000.00	50.00	151.76	0.00	0.53	0.00	280.10	0.00	4.34	0.00	5532.94	15862.23	0.00	0.00	-10329.28
150+09	15008.73	8.73	153.00	0.00	0.30	0.00	49.27	0.00	0.13	0.00	5582.21	15862.39	0.00	0.00	-10280.17
150+50	15050.00	41.27	153.65	0.00	0.17	0.00	233.56	0.00	0.51	0.00	5766.51	15862.84	0.00	0.00	-10096.33
151+00	15100.00	50.00	157.48	0.00	0.00	0.00	288.08	0.00	0.16	0.00	6054.59	15863.03	0.00	0.00	-9808.44
151+50	15150.00	50.00	157.64	0.00	0.00	0.00	291.78	0.00	0.00	0.00	6346.37	15863.03	0.00	0.00	-9516.66
152+00	15200.00	50.00	146.56	0.00	0.50	0.00	281.67	0.00	0.46	0.00	6628.04	15863.58	0.00	0.00	-9235.55
152+50	15250.00	50.00	136.11	0.00	1.92	0.00	261.73	0.00	2.24	0.00	6889.77	15866.27	0.00	0.00	-8976.51
153+00	15300.00	50.00	127.38	0.00	2.99	0.00	243.97	0.00	4.55	0.00	7133.74	15871.73	0.00	0.00	-8737.99
153+50	15350.00	50.00	127.45	0.00	4.01	0.00	235.95	0.00	6.48	0.00	7369.69	15879.51	0.00	0.00	-8509.81
154+00	15400.00	50.00	141.96	0.00	5.35	0.00	249.45	0.00	8.67	0.00	7619.15	15889.91	0.00	0.00	-8270.76
154+50	15450.00	50.00	165.31	0.00	0.00	0.00	284.51	0.00	4.95	0.00	7903.66	15895.85	0.00	0.00	-7992.20
154+74	15474.19	24.19	174.59	0.00	0.00	0.00	152.26	0.00	0.00	0.00	8055.92	15895.85	0.00	0.00	-7839.93
154+74	15474.19	0.00	174.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8055.92	15895.85	0.00	0.00	-7839.93
155+00	15500.00	25.81	223.96	0.00	0.00	0.00	190.50	0.00	0.00	0.00	8246.42	15895.85	0.00	0.00	-7649.44
155+50	15550.00	50.00	251.24	0.00	0.00	0.00	440.00	0.00	0.00	0.00	8686.42	15895.85	0.00	0.00	-7209.44
156+00	15600.00	50.00	275.39	0.00	0.00	0.00	487.62	0.00	0.00	0.00	9174.04	15895.85	0.00	0.00	-6721.82
156+50	15650.00	50.00	311.03	0.00	0.00	0.00	542.98	0.00	0.00	0.00	9717.02	15895.85	0.00	0.00	-6178.83
157+00	15700.00	50.00	332.47	0.00	0.07	0.00	595.83	0.00	0.06	0.00	10312.85	15895.93	0.00	0.00	-5583.08
157+50	15750.00	50.00	344.19	0.00	1.82	0.00	626.54	0.00	1.75	0.00	10939.39	15898.03	0.00	0.00	-4958.64
158+00	15800.00	50.00	377.00	0.00	2.94	0.00	667.77	0.00	4.41	0.00	11607.16	15903.32	0.00	0.00	-4296.16
158+50	15850.00	50.00	400.02	0.00	5.25	0.00	719.46	0.00	7.58	0.00	12326.62	15912.42	0.00	0.00	-3585.80
159+00	15900.00	50.00	439.52	0.00	5.74	0.00	777.35	0.00	10.18	0.00	13103.97	15924.63	0.00	0.00	-2820.66
159+26	15925.84	25.84	477.47	0.00	2.29	0.00	438.80	0.00	3.84	0.00	13542.77	15929.24	0.00	0.00	-2386.47
159+26	15925.84	0.00	233.15	0.00	2.29	0.00	0.00	0.00	0.00	0.00	13542.77	15929.24	0.00	0.00	-2386.47
159+50	15950.00	24.16	255.38	0.00	2.35	0.00	218.57	0.00	2.08	0.00	13761.34	15931.73	0.00	0.00	-2170.39
160+00	16000.00	50.00	266.34	0.00	2.48	0.00	483.07	0.00	4.47	0.00	14244.41	15937.10	0.00	0.00	-1692.68
160+50	16050.00	50.00	261.69	0.00	2.61	0.00	488.92	0.00	4.71	0.00	14733.33	15942.75	0.00	0.00	-1209.42
161+00	16100.00	50.00	274.49	0.00	2.88	0.00	496.46	0.00	5.08	0.00	15229.79	15948.85	0.00	0.00	-719.06

1

Addendum No. 01
ID 1060-33-81
Revised Sheet 4765
August 17, 2015

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

(CONTINUED ON NEXT SHEET)

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EARTHWORK	SHEET: 4765	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090101_ew.ppt PLOT DATE : 8/12/2015 4:41:50 PM PLOT BY : MSCCEJ PLOT NAME : 090101_ew141 PLOT SCALE : 1:1

(CONTINUED)

Division 6 IH 94 WB

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/ Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.2	Cumulative Vol (CY) Expanded EBS Backfill 1.30 Note 4	Cumulative Vol (CY) Reduced EBS In Fill 0.80 Note 5	Mass Ordinate Note 6
161+50	16150.00	50.00	264.08	0.00	0.77	0.00	498.68	0.00	3.38	0.00	15728.47	15952.91	0.00	0.00	-224.44
162+00	16200.00	50.00	244.13	0.00	0.13	0.00	470.56	0.00	0.83	0.00	16199.03	15953.91	0.00	0.00	245.13
162+50	16250.00	50.00	229.57	0.00	0.14	0.00	438.61	0.00	0.25	0.00	16637.64	15954.21	0.00	0.00	683.44
163+00	16300.00	50.00	225.25	0.00	0.01	0.00	421.13	0.00	0.14	0.00	17058.77	15954.38	0.00	0.00	1104.40
163+44	16343.92	43.92	221.67	0.00	0.00	0.00	363.49	0.00	0.01	0.00	17422.27	15954.38	0.00	0.00	1467.88
163+44	16343.92	0.00	296.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17422.27	15954.38	0.00	0.00	1467.88
163+50	16350.00	6.08	298.74	0.00	0.00	0.00	67.05	0.00	0.00	0.00	17489.32	15954.38	0.00	0.00	1534.94
164+00	16400.00	50.00	295.29	0.00	4.06	0.00	550.03	0.00	3.76	0.00	18039.35	15958.90	0.00	0.00	2080.45
164+50	16450.00	50.00	283.36	0.00	6.99	0.00	535.79	0.00	10.23	0.00	18575.14	15971.17	0.00	0.00	2603.96
165+00	16500.00	50.00	276.79	0.00	7.76	0.00	518.66	0.00	13.66	0.00	19093.79	15987.56	0.00	0.00	3106.23
165+50	16550.00	50.00	276.15	0.00	7.84	0.00	511.98	0.00	14.44	0.00	19605.77	16004.90	0.00	0.00	3600.88
166+00	16600.00	50.00	261.85	0.00	9.69	0.00	498.15	0.00	16.23	0.00	20103.92	16024.37	0.00	0.00	4079.55
166+50	16650.00	50.00	241.42	0.00	9.59	0.00	465.99	0.00	17.85	0.00	20569.91	16045.80	0.00	0.00	4524.12
167+00	16700.00	50.00	223.78	0.00	8.37	0.00	430.74	0.00	16.63	0.00	21000.65	16065.75	0.00	0.00	4934.90
167+50	16750.00	50.00	212.10	0.00	8.54	0.00	403.59	0.00	15.66	0.00	21404.25	16084.54	0.00	0.00	5319.71
168+00	16800.00	50.00	201.88	0.00	8.96	0.00	383.31	0.00	16.20	0.00	21787.56	16103.98	0.00	0.00	5683.58
168+50	16850.00	50.00	194.11	0.00	9.35	0.00	366.66	0.00	16.95	0.00	22154.22	16124.33	0.00	0.00	6029.89
169+00	16900.00	50.00	201.97	0.00	9.55	0.00	366.74	0.00	17.50	0.00	22520.96	16145.33	0.00	0.00	6375.63
169+50	16950.00	50.00	200.41	0.00	9.58	0.00	372.57	0.00	17.71	0.00	22893.53	16166.58	0.00	0.00	6726.95
170+00	17000.00	50.00	226.08	0.00	10.08	0.00	394.90	0.00	18.20	0.00	23288.43	16188.43	0.00	0.00	7100.00
170+50	17050.00	50.00	245.46	0.00	11.25	0.00	436.61	0.00	19.75	0.00	23725.04	16212.13	0.00	0.00	7512.91
171+00	17100.00	50.00	244.19	0.00	11.40	0.00	453.38	0.00	20.97	0.00	24178.42	16237.30	0.00	0.00	7941.13
171+50	17150.00	50.00	242.29	0.00	9.48	0.00	450.44	0.00	19.33	0.00	24628.87	16260.50	0.00	0.00	8368.37
172+00	17200.00	50.00	245.31	0.00	9.25	0.00	451.48	0.00	17.34	0.00	25080.35	16281.31	0.00	0.00	8799.04
172+50	17250.00	50.00	233.10	0.00	9.20	0.00	442.97	0.00	17.08	0.00	25523.32	16301.81	0.00	0.00	9221.51
173+00	17300.00	50.00	243.96	0.00	9.15	0.00	441.72	0.00	16.99	0.00	25965.04	16322.20	0.00	0.00	9642.85
173+50	17350.00	50.00	254.22	0.00	9.10	0.00	461.28	0.00	16.90	0.00	26426.32	16342.47	0.00	0.00	10083.85
174+00	17400.00	50.00	269.23	0.00	9.05	0.00	484.68	0.00	16.81	0.00	26911.00	16362.64	0.00	0.00	10548.36
174+50	17450.00	50.00	294.39	0.00	9.00	0.00	521.87	0.00	16.71	0.00	27432.87	16382.70	0.00	0.00	11050.17
175+00	17500.00	50.00	330.05	0.00	8.95	0.00	578.19	0.00	16.62	0.00	28011.05	16402.64	0.00	0.00	11608.41
175+10	17510.46	10.46	334.55	0.00	20.14	0.00	128.74	0.00	5.63	0.00	28139.79	16409.40	0.00	0.00	11730.39

1

Addendum No. 01
ID 1060-33-81
Revised Sheet 4766
August 17, 2015

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

(CONTINUED ON NEXT SHEET)

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EARTHWORK	SHEET: 4766	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090101_ew.ppt PLOT DATE : 8/12/2015 4:41:50 PM PLOT BY : MSCCEJ PLOT NAME : 090101_ew142 PLOT SCALE : 1:1

(CONTINUED)

Division 6 IH 94 WB

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/ Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged/ Unusable Pavement Material Note 2	Fill Note 3	EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Expanded Fill 1.2	Expanded EBS Backfill 1.30 Note 4	Reduced EBS In Fill 0.80 Note 5	Mass Ordinate Note 6
175+10	17510.46	0.00	241.33	0.00	8.94	0.00	0.00	0.00	0.00	0.00	28139.79	16409.40	0.00	0.00	11730.39
175+50	17550.00	39.54	258.75	0.00	8.94	0.00	366.17	0.00	13.09	0.00	28505.96	16425.11	0.00	0.00	12080.84
176+00	17600.00	50.00	285.55	0.00	8.85	0.00	503.98	0.00	16.47	0.00	29009.94	16444.88	0.00	0.00	12565.06
176+50	17650.00	50.00	317.60	0.00	8.80	0.00	558.47	0.00	16.34	0.00	29568.41	16464.49	0.00	0.00	13103.92
177+00	17700.00	50.00	352.83	0.00	8.75	0.00	620.77	0.00	16.25	0.00	30189.18	16483.99	0.00	0.00	13705.19
177+50	17750.00	50.00	383.07	0.00	8.80	0.00	681.39	0.00	16.25	0.00	30870.57	16503.49	0.00	0.00	14367.08
177+84	17783.50	33.50	396.42	0.00	8.66	0.00	483.57	0.00	10.83	0.00	31354.14	16516.49	0.00	0.00	14837.65
177+84	17783.50	0.00	618.73	0.00	9.21	0.00	0.00	0.00	0.00	0.00	31354.14	16516.49	0.00	0.00	14837.65
178+00	17800.00	16.50	648.80	0.00	8.82	0.00	387.30	0.00	5.51	0.00	31741.44	16523.10	0.00	0.00	15218.34
178+50	17850.00	50.00	654.91	0.00	8.60	0.00	1207.14	0.00	16.13	0.00	32948.58	16542.46	0.00	0.00	16406.13
179+00	17900.00	50.00	658.38	0.00	11.98	0.00	1216.01	0.00	19.06	0.00	34164.59	16565.32	0.00	0.00	17599.27
179+50	17950.00	50.00	673.17	0.00	8.51	0.00	1232.92	0.00	18.97	0.00	35397.51	16588.09	0.00	0.00	18809.42
180+00	18000.00	50.00	691.51	0.00	8.46	0.00	1263.59	0.00	15.71	0.00	36661.10	16606.94	0.00	0.00	20054.16
180+50	18050.00	50.00	695.81	0.00	17.27	0.00	1284.56	0.00	23.82	0.00	37945.65	16635.53	0.00	0.00	21310.12
181+00	18100.00	50.00	774.29	0.00	8.38	0.00	1361.20	0.00	23.75	0.00	39306.86	16664.03	0.00	0.00	22642.83
181+50	18150.00	50.00	759.23	0.00	23.28	0.00	1419.93	0.00	29.31	0.00	40726.78	16699.21	0.00	0.00	24027.57
182+00	18200.00	50.00	946.64	0.00	51.64	0.00	1579.51	0.00	69.37	0.00	42306.29	16782.46	0.00	0.00	25523.84
182+50	18250.00	50.00	814.85	0.00	59.36	0.00	1631.01	0.00	102.78	0.00	43937.30	16905.79	0.00	0.00	27031.51
183+00	18300.00	50.00	537.28	0.00	73.93	0.00	1251.97	0.00	123.42	0.00	45189.28	17053.89	0.00	0.00	28135.39
183+50	18350.00	50.00	470.05	0.00	134.19	0.00	932.71	0.00	192.70	0.00	46121.99	17285.13	0.00	0.00	28836.86
184+00	18400.00	50.00	457.54	0.00	184.45	0.00	858.88	0.00	295.04	0.00	46980.87	17639.18	0.00	0.00	29341.69
184+50	18450.00	50.00	431.06	0.00	273.96	0.00	822.78	0.00	424.45	0.00	47803.65	18148.52	0.00	0.00	29655.12
185+00 BK	18500.00	50.00	406.68	0.00	635.17	0.00	775.69	0.00	841.79	0.00	48579.33	19158.67	0.00	0.00	29420.66
						Column totals	51888.02	0.00	65242.81	0.00					

1

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

Addendum No. 01
ID 1060-33-81
Revised Sheet 4767
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EARTHWORK	SHEET: 4767	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090101_ew.ppt PLOT DATE : 8/12/2015 4:41:50 PM PLOT BY : MSCCEJ PLOT NAME : 090101_ew143 PLOT SCALE : 1:1

Division 6 RAMP SA

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/ Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.2	Cumulative Vol (CY) Expanded EBS Backfill 1.30 Note 4	Cumulative Vol (CY) Reduced EBS In Fill 0.80 Note 5	Mass Ordinate Note 6
559+81 AH	55981.32	0.00	59.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
560+00	56000.00	18.68	43.25	0.00	0.82	0.00	35.51	0.00	0.28	0.00	35.51	0.34	0.00	0.00	35.17
560+50	56050.00	50.00	48.97	0.00	0.00	0.00	85.39	0.00	0.76	0.00	120.90	1.25	0.00	0.00	119.65
561+00	56100.00	50.00	65.01	0.00	0.00	0.00	105.54	0.00	0.00	0.00	226.44	1.25	0.00	0.00	225.19
561+17 BK	56116.77	16.77	62.23	0.00	0.00	0.00	39.52	0.00	0.00	0.00	265.95	1.25	0.00	0.00	264.70
563+28 AH	56327.74	0.00	89.98	0.00	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
563+50	56350.00	22.26	30.73	0.00	4.97	0.00	49.76	0.00	2.52	0.00	49.76	3.02	0.00	0.00	46.74
564+00	56400.00	50.00	26.73	0.00	4.23	0.00	53.20	0.00	8.52	0.00	102.96	13.24	0.00	0.00	89.72
564+50	56450.00	50.00	21.15	0.00	3.26	0.00	44.33	0.00	6.94	0.00	147.30	21.57	0.00	0.00	125.73
565+00	56500.00	50.00	15.77	0.00	1.32	0.00	34.19	0.00	4.24	0.00	181.48	26.66	0.00	0.00	154.83
565+50	56550.00	50.00	9.06	0.00	4.28	0.00	22.99	0.00	5.19	0.00	204.47	32.88	0.00	0.00	171.59
566+00	56600.00	50.00	7.52	0.00	8.85	0.00	15.35	0.00	12.16	0.00	219.82	47.47	0.00	0.00	172.36
566+50	56650.00	50.00	5.01	0.00	11.47	0.00	11.60	0.00	18.81	0.00	231.43	70.04	0.00	0.00	161.38
567+00	56700.00	50.00	2.30	0.00	10.81	0.00	6.77	0.00	20.63	0.00	238.19	94.80	0.00	0.00	143.39
567+50	56750.00	50.00	1.59	0.00	9.63	0.00	3.60	0.00	18.93	0.00	241.80	117.51	0.00	0.00	124.29
568+00	56800.00	50.00	0.03	0.00	10.70	0.00	1.50	0.00	18.82	0.00	243.30	140.10	0.00	0.00	103.20
568+50	56850.00	50.00	0.04	0.00	10.07	0.00	0.06	0.00	19.23	0.00	243.36	163.18	0.00	0.00	80.18
569+00	56900.00	50.00	0.03	0.00	9.88	0.00	0.06	0.00	18.47	0.00	243.43	185.34	0.00	0.00	58.08
569+50	56950.00	50.00	0.03	0.00	10.02	0.00	0.06	0.00	18.43	0.00	243.48	207.46	0.00	0.00	36.03
570+00	57000.00	50.00	0.03	0.00	9.92	0.00	0.06	0.00	18.46	0.00	243.54	229.61	0.00	0.00	13.93
570+50	57050.00	50.00	0.04	0.00	9.93	0.00	0.06	0.00	18.38	0.00	243.60	251.67	0.00	0.00	-8.06
571+00	57100.00	50.00	0.03	0.00	12.94	0.00	0.06	0.00	21.18	0.00	243.67	277.08	0.00	0.00	-33.41
571+28 BK	57128.02	28.02	93.44	0.00	0.02	0.00	48.50	0.00	6.72	0.00	292.17	285.15	0.00	0.00	7.02

1

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

Addendum No. 01
ID 1060-33-81
Revised Sheet 4786
August 17, 2015

(CONTINUED ON NEXT SHEET)

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EARTHWORK	SHEET: 4786	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090101_ew.ppt PLOT DATE : 8/11/2015 11:25:36 AM PLOT BY : MSCCEJ PLOT NAME : 090101_ew162 PLOT SCALE : 1:1

(CONTINUED)

Division 6 RAMP SA

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/ Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.2	Cumulative Vol (CY) Expanded EBS Backfill 1.30 Note 4	Cumulative Vol (CY) Reduced EBS In Fill 0.80 Note 5	Mass Ordinate Note 6
572+36 AH	57235.53	0.00	1.33	0.00	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
572+50	57250.00	14.47	3.19	0.00	21.13	0.00	1.21	0.00	5.75	0.00	1.21	6.90	0.00	0.00	-5.69
573+00	57300.00	50.00	0.89	0.00	11.77	0.00	3.78	0.00	30.46	0.00	4.99	43.46	0.00	0.00	-38.47
573+03	57302.73	2.73	0.62	0.00	12.58	0.00	0.08	0.00	1.23	0.00	5.07	44.94	0.00	0.00	-39.87
573+03	57302.73	0.00	0.64	0.00	20.82	0.00	0.00	0.00	0.00	0.00	5.07	44.94	0.00	0.00	-39.87
573+50	57350.00	47.27	1.67	0.00	25.68	0.00	2.02	0.00	40.70	0.00	7.09	93.78	0.00	0.00	-86.69
574+00	57400.00	50.00	2.64	0.00	103.80	0.00	3.99	0.00	119.89	0.00	11.08	237.65	0.00	0.00	-226.57
574+50	57450.00	50.00	3.32	0.00	243.69	0.00	5.52	0.00	321.75	0.00	16.60	623.75	0.00	0.00	-607.15
575+00	57500.00	50.00	22.96	0.00	308.09	0.00	24.33	0.00	510.91	0.00	40.93	1236.84	0.00	0.00	-1195.91
575+23	57523.43	23.43	44.71	0.00	325.28	0.00	29.36	0.00	274.81	0.00	70.29	1566.61	0.00	0.00	-1496.32
575+23	57523.43	0.00	140.19	0.00	327.16	0.00	0.00	0.00	0.00	0.00	70.29	1566.61	0.00	0.00	-1496.32
575+50	57550.00	26.57	154.06	0.00	341.16	0.00	144.78	0.00	328.84	0.00	215.07	1961.22	0.00	0.00	-1746.15
576+00	57600.00	50.00	179.58	0.00	318.56	0.00	308.93	0.00	610.85	0.00	524.00	2694.24	0.00	0.00	-2170.24
576+50	57650.00	50.00	201.35	0.00	246.08	0.00	352.71	0.00	522.81	0.00	876.71	3321.62	0.00	0.00	-2444.91
577+00	57700.00	50.00	196.36	0.00	23.05	0.00	368.25	0.00	249.19	0.00	1244.96	3620.65	0.00	0.00	-2375.69
577+50	57750.00	50.00	208.86	0.00	18.96	0.00	375.20	0.00	38.90	0.00	1620.17	3667.33	0.00	0.00	-2047.16
577+88 BK	57788.29	38.29	211.26	0.00	19.88	0.00	297.90	0.00	27.54	0.00	1918.06	3700.38	0.00	0.00	-1782.32
						Column totals	2476.18	0.00	3322.31	0.00					

1

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

Addendum No. 01
ID 1060-33-81
Revised Sheet 4787
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EARTHWORK	SHEET: 4787	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090101_ew.ppt PLOT DATE : 8/12/2015 4:41:50 PM PLOT BY : MSCCEJ PLOT NAME : 090101_ew163 PLOT SCALE : 1:1

Division 8 RAMP GE

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged / Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Salvaged / Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.2	Cumulative Vol (CY) Expanded EBS Backfill 1.30 Note 4	Cumulative Vol (CY) Reduced EBS In Fill 0.80 Note 5	Mass Ordinate Note 6
764+53 AH	76453.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
765+00	76500.00	46.80	27.24	0.00	0.00	0.00	23.61	0.00	0.00	0.00	23.61	0.00	0.00	0.00	23.61
765+50	76550.00	50.00	43.54	0.00	0.00	0.00	65.54	0.00	0.00	0.00	89.15	0.00	0.00	0.00	89.15
766+00	76600.00	50.00	46.62	0.00	1.85	0.00	83.48	0.00	1.71	0.00	172.63	2.06	0.00	0.00	170.57
766+50	76650.00	50.00	54.17	0.00	1.29	0.00	93.32	0.00	2.91	0.00	265.95	5.54	0.00	0.00	260.41
767+00	76700.00	50.00	59.13	0.00	0.67	0.00	104.91	0.00	1.81	0.00	370.86	7.72	0.00	0.00	363.14
767+50	76750.00	50.00	58.02	0.00	4.32	0.00	108.47	0.00	4.62	0.00	479.33	13.27	0.00	0.00	466.06
768+00	76800.00	50.00	56.25	0.00	7.55	0.00	105.81	0.00	10.99	0.00	585.14	26.46	0.00	0.00	558.68
768+50	76850.00	50.00	52.98	0.00	16.57	0.00	101.14	0.00	22.33	0.00	686.27	53.26	0.00	0.00	633.02
769+00	76900.00	50.00	45.73	0.00	37.32	0.00	91.40	0.00	49.90	0.00	777.67	113.13	0.00	0.00	664.54
769+45	76945.00	45.00	41.48	0.00	56.97	0.00	72.68	0.00	78.58	0.00	850.35	207.42	0.00	0.00	642.92
769+45	76945.00	0.00	41.46	0.00	57.18	0.00	0.00	0.00	0.00	0.00	850.35	207.42	0.00	0.00	642.92
769+50	76950.00	5.00	41.40	0.00	58.07	0.00	7.67	0.00	10.67	0.00	858.02	220.23	0.00	0.00	637.79
770+00	77000.00	50.00	104.43	0.00	60.85	0.00	135.03	0.00	110.11	0.00	993.05	352.36	0.00	0.00	640.69
770+50	77050.00	50.00	93.29	0.00	75.60	0.00	183.07	0.00	126.34	0.00	1176.12	503.97	0.00	0.00	672.15
771+00	77100.00	50.00	74.09	0.00	83.87	0.00	154.98	0.00	147.66	0.00	1331.10	681.16	0.00	0.00	649.94
771+50	77150.00	50.00	49.24	0.00	97.50	0.00	114.19	0.00	167.94	0.00	1445.30	882.68	0.00	0.00	562.61
772+00	77200.00	50.00	31.28	0.00	168.84	0.00	74.56	0.00	246.61	0.00	1519.85	1178.62	0.00	0.00	341.24
772+50	77250.00	50.00	23.47	0.00	171.60	0.00	50.69	0.00	315.22	0.00	1570.55	1556.88	0.00	0.00	13.66
773+00	77300.00	50.00	23.39	0.00	171.53	0.00	43.39	0.00	317.71	0.00	1613.94	1938.14	0.00	0.00	-324.20
773+50	77350.00	50.00	39.22	0.00	212.15	0.00	57.97	0.00	355.26	0.00	1671.91	2364.45	0.00	0.00	-692.54
774+00	77400.00	50.00	57.83	0.00	276.84	0.00	89.86	0.00	452.77	0.00	1761.77	2907.77	0.00	0.00	-1146.00
774+50	77450.00	50.00	67.67	0.00	317.45	0.00	116.20	0.00	550.27	0.00	1877.97	3568.10	0.00	0.00	-1690.12
775+00	77500.00	50.00	73.50	0.00	313.21	0.00	130.71	0.00	583.94	0.00	2008.69	4268.83	0.00	0.00	-2260.14
775+50	77550.00	50.00	80.32	0.00	259.98	0.00	142.43	0.00	530.73	0.00	2151.11	4905.71	0.00	0.00	-2754.59
776+00	77600.00	50.00	99.96	0.00	167.18	0.00	166.93	0.00	395.52	0.00	2318.04	5380.33	0.00	0.00	-3062.29
776+50	77650.00	50.00	108.87	0.00	101.94	0.00	193.36	0.00	249.19	0.00	2511.40	5679.35	0.00	0.00	-3167.95
777+00	77700.00	50.00	113.12	0.00	51.42	0.00	205.55	0.00	142.00	0.00	2716.95	5849.75	0.00	0.00	-3132.81
777+01	77700.63	0.63	114.41	0.00	51.86	0.00	2.65	0.00	1.20	0.00	2719.60	5851.20	0.00	0.00	-3131.60

1

Addendum No. 01
ID 1060-33-81
Revised Sheet 4827
August 17, 2015

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

(CONTINUED ON NEXT SHEET)

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EARTHWORK	SHEET: 4827	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090101_ew.ppt PLOT DATE : 8/12/2015 4:41:50 PM PLOT BY : MSCCEJ PLOT NAME : 090101_ew203 PLOT SCALE : 1:1

(CONTINUED)

Division 8 RAMP GE

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/ Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Incremental Vol (CY) (Unadjusted) EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.2	Cumulative Vol (CY) Expanded EBS Backfill 1.30 Note 4	Cumulative Vol (CY) Reduced EBS In Fill 0.80 Note 5	Mass Ordinate Note 6
777+01	77700.63	0.00	74.82	0.00	1.98	0.00	0.00	0.00	0.00	0.00	2719.60	5851.20	0.00	0.00	-3131.60
777+50	77750.00	49.37	72.20	0.00	2.28	0.00	134.41	0.00	3.89	0.00	2854.01	5855.87	0.00	0.00	-3001.86
778+00	77800.00	50.00	79.63	0.00	0.54	0.00	140.58	0.00	2.61	0.00	2994.60	5859.00	0.00	0.00	-2864.41
778+50	77850.00	50.00	97.94	0.00	0.02	0.00	164.42	0.00	0.52	0.00	3159.01	5859.63	0.00	0.00	-2700.61
					0.00										
778+50	77850.00	0.00	31.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3159.01	5859.63	0.00	0.00	-2700.61
779+00	77900.00	50.00	26.64	0.00	0.14	0.00	53.39	0.00	0.13	0.00	3212.40	5859.78	0.00	0.00	-2647.38
779+50	77950.00	50.00	27.63	0.00	0.12	0.00	50.25	0.00	0.24	0.00	3262.65	5860.07	0.00	0.00	-2597.42
779+79	77978.75	28.75	36.01	0.00	6.96	0.00	33.88	0.00	3.77	0.00	3296.54	5864.59	0.00	0.00	-2568.06
779+81 BK	77981.19	2.44	0.00	0.00	0.00	0.00	1.63	0.00	0.31	0.00	3298.16	5864.97	0.00	0.00	-2566.81
780+83 AH	78083.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
780+93	78093.41	10.06	10.24	0.00	255.81	0.00	1.91	0.00	47.66	0.00	1.91	57.19	0.00	0.00	-55.28
781+00	78100.00	6.59	35.30	0.00	92.04	0.00	5.56	0.00	42.45	0.00	7.47	108.13	0.00	0.00	-100.66
781+50	78150.00	50.00	121.07	0.00	5.63	0.00	144.79	0.00	90.44	0.00	152.25	216.65	0.00	0.00	-64.40
782+00	78200.00	50.00	106.84	0.00	11.43	0.00	211.03	0.00	15.80	0.00	363.28	235.61	0.00	0.00	127.67
782+50	78250.00	50.00	116.86	0.00	15.67	0.00	207.13	0.00	25.09	0.00	570.41	265.72	0.00	0.00	304.69
783+00	78300.00	50.00	137.13	0.00	0.00	0.00	235.18	0.00	14.51	0.00	805.59	283.13	0.00	0.00	522.46
783+50	78350.00	50.00	120.30	0.00	0.12	0.00	238.36	0.00	0.11	0.00	1043.95	283.26	0.00	0.00	760.68
784+00	78400.00	50.00	175.58	0.00	18.77	0.00	273.96	0.00	17.49	0.00	1317.91	304.25	0.00	0.00	1013.66
784+50	78450.00	50.00	356.14	0.00	3.57	0.00	492.33	0.00	20.69	0.00	1810.24	329.07	0.00	0.00	1481.17
785+00	78500.00	50.00	531.54	0.00	4.11	0.00	821.93	0.00	7.11	0.00	2632.17	337.61	0.00	0.00	2294.56
785+47	78547.19	47.19	0.00	0.00	79.18	0.00	464.51	0.00	72.79	0.00	3096.68	424.95	0.00	0.00	2671.73
785+52 BK	78552.06	4.87	0.00	0.00	0.00	0.00	0.00	0.00	7.14	0.00	3096.68	433.52	0.00	0.00	2663.16

1

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

Addendum No. 01
ID 1060-33-81
Revised Sheet 4828
August 17, 2015

(CONTINUED ON NEXT SHEET)

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EARTHWORK	SHEET: 4828	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090101_ew.ppt PLOT DATE : 8/12/2015 4:41:50 PM PLOT BY : MSCCEJ PLOT NAME : 090101_ew204 PLOT SCALE : 1:1

(CONTINUED)

Division 8 RAMP GE

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged/ Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged/ Unusable Pavement Material Note 2	Fill Note 3	EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Expanded Fill 1.2	Expanded EBS Backfill 1.30 Note 4	Reduced EBS In Fill 0.80 Note 5	Mass Ordinate Note 6
786+50 AH	78649.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
786+55	78654.60	4.87	0.00	0.00	98.87	0.00	0.00	0.00	8.92	0.00	0.00	10.70	0.00	0.00	-10.70
787+00	78700.00	45.40	1090.19	0.00	0.00	0.00	916.57	0.00	83.12	0.00	916.57	110.45	0.00	0.00	806.12
787+50	78750.00	50.00	614.31	0.00	2.39	0.00	1578.24	0.00	2.21	0.00	2494.81	113.10	0.00	0.00	2381.70
788+00	78800.00	50.00	415.56	0.00	0.86	0.00	953.58	0.00	3.01	0.00	3448.39	116.72	0.00	0.00	3331.68
788+30	78830.00	30.00	401.23	0.00	0.23	0.00	453.77	0.00	0.61	0.00	3902.16	117.44	0.00	0.00	3784.72
788+30	78830.00	0.00	449.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3902.16	117.44	0.00	0.00	3784.72
788+50	78850.00	20.00	383.58	0.00	0.00	0.00	308.56	0.00	0.00	0.00	4210.73	117.44	0.00	0.00	4093.28
789+00	78900.00	50.00	212.73	0.00	0.00	0.00	552.14	0.00	0.00	0.00	4762.87	117.44	0.00	0.00	4645.42
789+50	78950.00	50.00	62.18	0.00	41.05	0.00	254.55	0.00	38.01	0.00	5017.41	163.05	0.00	0.00	4854.36
789+95 BK	78994.53	44.53	0.00	0.00	696.15	0.00	51.28	0.00	607.92	0.00	5068.69	892.55	0.00	0.00	4176.13
						Column totals	11463.53	0.00	5992.54	0.00					

1

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

Addendum No. 01
ID 1060-33-81
Revised Sheet 4829
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EARTHWORK	SHEET: 4829	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090101_ew.ppt PLOT DATE : 8/13/2015 11:59:01 AM PLOT BY : MSCCEJ PLOT NAME : 090101_ew205 PLOT SCALE : 1:1

(CONTINUED)

Division 8 HA

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged / Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged / Unusable Pavement Material Note 2	Fill Note 3	EBS	Cumulative Vol (CY) Cut 1.0	Expanded Fill 1.2	Expanded EBS Backfill 1.3 Note 4	Reduced EBS In Fill 0.8 Note 5	Mass Ordinate Note 6
173+50	17350.00	50.00	18.24	0.00	1.46	0.00	21.70	0.00	5.42	0.00	2706.14	1859.21	0.00	0.00	0.00
174+00	17400.00	50.00	186.94	0.00	0.47	0.00	189.98	0.00	1.79	0.00	2896.12	1861.36	0.00	0.00	0.00
174+50	17450.00	50.00	20.63	0.00	0.80	0.00	192.19	0.00	1.18	0.00	3088.32	1862.77	0.00	0.00	0.00
175+00	17500.00	50.00	10.35	0.00	0.90	0.00	28.69	0.00	1.57	0.00	3117.00	1864.66	0.00	0.00	0.00
175+50	17550.00	50.00	5.24	0.00	24.82	0.00	14.44	0.00	23.81	0.00	3131.44	1893.24	0.00	0.00	0.00
176+00	17600.00	50.00	5.92	0.00	49.08	0.00	10.33	0.00	68.43	0.00	3141.77	1975.35	0.00	0.00	0.00
176+50	17650.00	50.00	12.08	0.00	105.54	0.00	16.67	0.00	143.17	0.00	3158.44	2147.15	0.00	0.00	0.00
177+00	17700.00	50.00	3.34	0.00	81.21	0.00	14.28	0.00	172.92	0.00	3172.72	2354.65	0.00	0.00	0.00
177+50	17750.00	50.00	2.61	0.00	171.00	0.00	5.51	0.00	233.53	0.00	3178.22	2634.88	0.00	0.00	0.00
178+00	17800.00	50.00	3.86	0.00	53.92	0.00	5.99	0.00	208.26	0.00	3184.22	2884.79	0.00	0.00	0.00
178+50	17850.00	50.00	0.99	0.00	56.93	0.00	4.49	0.00	102.64	0.00	3188.71	3007.96	0.00	0.00	0.00
179+00	17900.00	50.00	1.25	0.00	129.75	0.00	2.07	0.00	172.85	0.00	3190.78	3215.38	0.00	0.00	0.00
179+50	17950.00	50.00	0.08	0.00	74.45	0.00	1.23	0.00	189.07	0.00	3192.01	3442.27	0.00	0.00	0.00
180+00	18000.00	50.00	492.57	0.00	0.56	0.00	456.16	0.00	69.45	0.00	3648.17	3525.61	0.00	0.00	0.00
180+50	18050.00	50.00	1836.80	0.00	3.94	0.00	2156.82	0.00	4.17	0.00	5804.99	3530.61	0.00	0.00	0.00
181+00	18100.00	50.00	2051.30	0.00	12.49	0.00	3600.09	0.00	15.21	0.00	9405.09	3548.87	0.00	0.00	0.00
181+50	18150.00	50.00	407.36	0.00	0.00	0.00	2276.54	0.00	11.56	0.00	11681.62	3562.75	0.00	0.00	0.00
182+00	18200.00	50.00	205.34	0.00	9.17	0.00	567.31	0.00	8.49	0.00	12248.94	3572.94	0.00	0.00	0.00
182+50	18250.00	50.00	236.83	0.00	6.18	0.00	409.42	0.00	14.21	0.00	12658.35	3589.99	0.00	0.00	0.00
183+00	18300.00	50.00	60.36	0.00	9.06	0.00	275.18	0.00	14.11	0.00	12933.53	3606.93	0.00	0.00	0.00
183+50	18350.00	50.00	0.12	0.00	6.26	0.00	56.00	0.00	14.19	0.00	12989.53	3623.95	0.00	0.00	0.00
184+00	18400.00	50.00	0.11	0.00	13.97	0.00	0.21	0.00	18.73	0.00	12989.74	3646.43	0.00	0.00	0.00
184+50	18450.00	50.00	25.64	0.00	8.14	0.00	23.84	0.00	20.47	0.00	13013.59	3670.99	0.00	0.00	0.00
185+00	18500.00	50.00	25.18	0.00	12.89	0.00	47.06	0.00	19.47	0.00	13060.64	3694.36	0.00	0.00	0.00
185+50	18550.00	50.00	21.13	0.00	3.84	0.00	42.88	0.00	15.49	0.00	13103.52	3712.95	0.00	0.00	0.00
186+00	18600.00	50.00	35.89	0.00	1.56	0.00	52.80	0.00	5.00	0.00	13156.32	3718.95	0.00	0.00	0.00
186+50	18650.00	50.00	101.62	0.00	0.85	0.00	127.32	0.00	2.23	0.00	13283.64	3721.63	0.00	0.00	0.00
187+00	18700.00	50.00	96.62	0.00	4.30	0.00	183.56	0.00	4.77	0.00	13467.20	3727.35	0.00	0.00	0.00
187+50	18750.00	50.00	87.56	0.00	8.59	0.00	170.54	0.00	11.94	0.00	13637.73	3741.67	0.00	0.00	0.00
188+00	18800.00	50.00	90.12	0.00	11.15	0.00	164.52	0.00	18.28	0.00	13802.25	3763.60	0.00	0.00	0.00
188+50	18850.00	50.00	83.89	0.00	11.90	0.00	161.12	0.00	21.34	0.00	13963.37	3789.21	0.00	0.00	0.00

1

Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

Addendum No. 01
ID 1060-33-81
Revised Sheet 4840
August 17, 2015

(CONTINUED ON NEXT SHEET)

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EARTHWORK	SHEET: 4840	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090101_ew.ppt PLOT DATE : 8/12/2015 4:41:50 PM PLOT BY : MSCCEJ PLOT NAME : 090101_ew216 PLOT SCALE : 1:1

(CONTINUED)

Division 8 HA

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Salvaged / Unusable Pavement Material	AREA (SF) Fill	AREA (SF) EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged / Unusable Pavement Material Note 2	Fill Note 3	EBS	Cumulative Vol (CY) Cut 1.0	Expanded Fill 1.2	Expanded EBS Backfill 1.3 Note 4	Reduced EBS In Fill 0.8 Note 5	Mass Ordinate Note 6
189+00	18900.00	50.00	77.96	0.00	7.02	0.00	149.86	0.00	17.52	0.00	14113.23	3810.24	0.00	0.00	0.00
189+50	18950.00	50.00	36.78	0.00	9.48	0.00	106.24	0.00	15.28	0.00	14219.47	3828.57	0.00	0.00	0.00
190+00	19000.00	50.00	17.83	0.00	12.39	0.00	50.56	0.00	20.25	0.00	14270.04	3852.87	0.00	0.00	0.00
190+50	19050.00	50.00	9.20	0.00	9.56	0.00	25.03	0.00	20.32	0.00	14295.07	3877.26	0.00	0.00	0.00
191+00	19100.00	50.00	2.20	0.00	3.77	0.00	10.56	0.00	12.34	0.00	14305.62	3892.07	0.00	0.00	0.00
191+50	19150.00	50.00	1.26	0.00	1.54	0.00	3.20	0.00	4.92	0.00	14308.83	3897.97	0.00	0.00	0.00
192+00	19200.00	50.00	6.88	0.00	0.59	0.00	7.54	0.00	1.97	0.00	14316.36	3900.34	0.00	0.00	0.00
192+50	19250.00	50.00	6.77	0.00	0.33	0.00	12.64	0.00	0.85	0.00	14329.00	3901.36	0.00	0.00	0.00
193+00	19300.00	50.00	12.31	0.00	0.00	0.00	17.67	0.00	0.31	0.00	14346.67	3901.73	0.00	0.00	0.00
193+01 BK	19301.32	1.32	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	14346.97	3901.73	0.00	0.00	0.00
					Column totals		14346.97	0.00	3251.44	0.00					

1

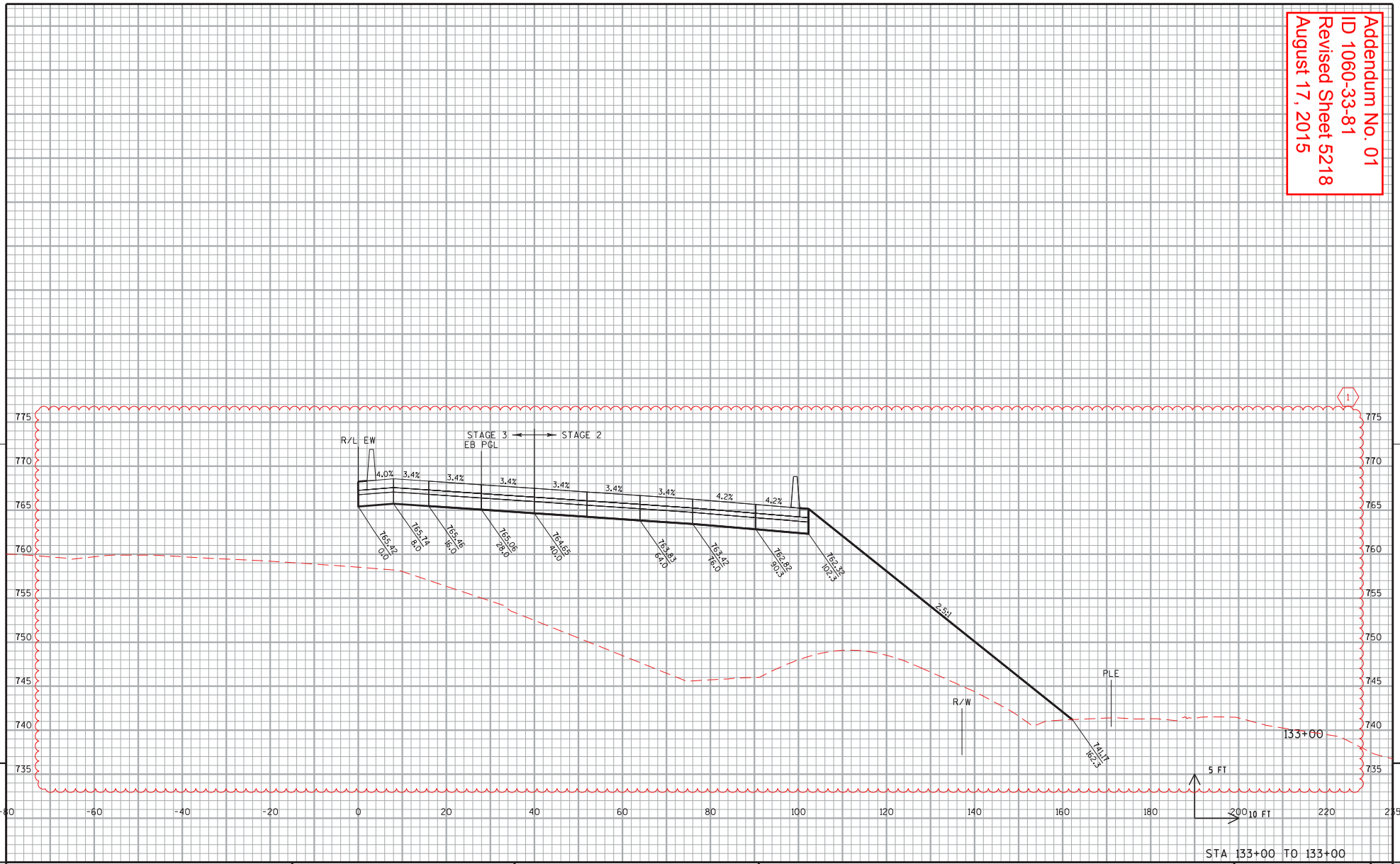
Notes:	
1 - Cut	Cut includes Salvaged/Unusable Pavement material
2 - Salvaged/Unusable Pavement Material	This does not show up in cross sections nor is it shown in these sheets. Refer to Summary Table for this roadway's quantity.
3 - Fill	Does not include Unusable Pavement Exc volume
4 - Expanded EBS	Will be backfilled with Borrow
5 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
6 - Mass Ordinate	If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor)]

Addendum No. 01
ID 1060-33-81
Revised Sheet 4841
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	EARTHWORK	SHEET: 4841	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090101_ew.ppt PLOT DATE : 8/12/2015 4:41:50 PM PLOT BY : MSCCEJ PLOT NAME : 090101_ew217 PLOT SCALE : 1:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 5218
August 17, 2015

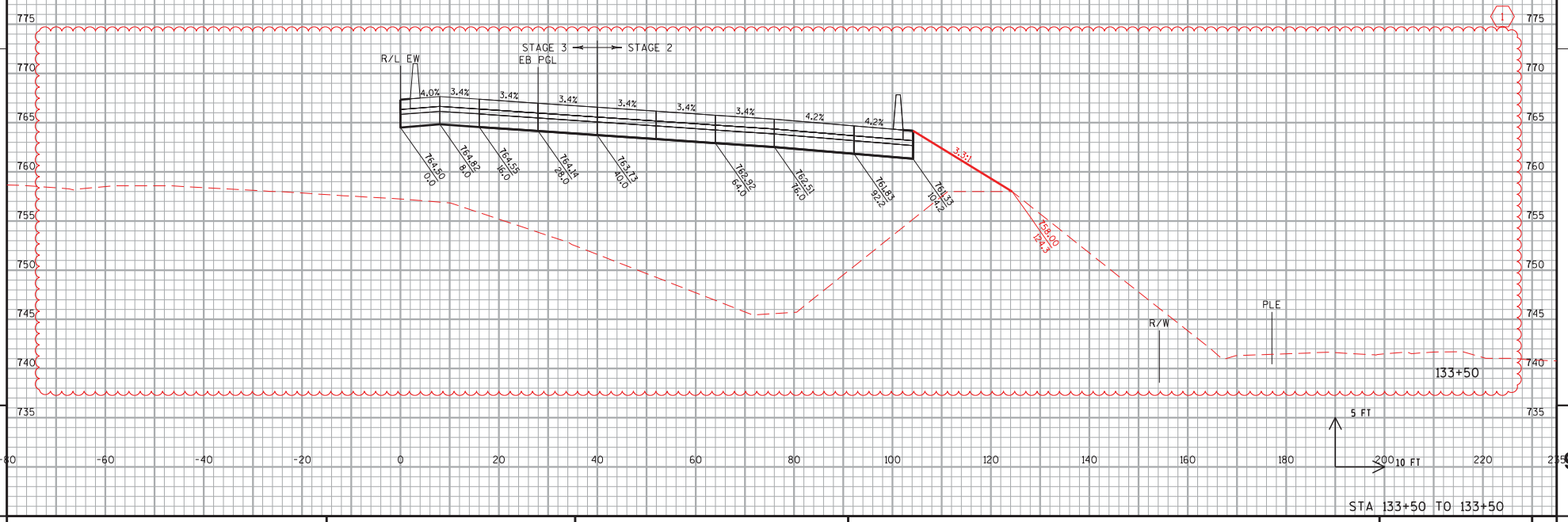


STA 133+00 TO 133+00

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: IH 94 EB	SHEET 5218	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090205_xs_EW_EB_W.dgn
PLOT DATE : 11-AUG-2015 12:56
PLOT BY : mscsxp
PLOT NAME : 090205_xs_EW_EB_W5
PLOT SCALE : 20:1

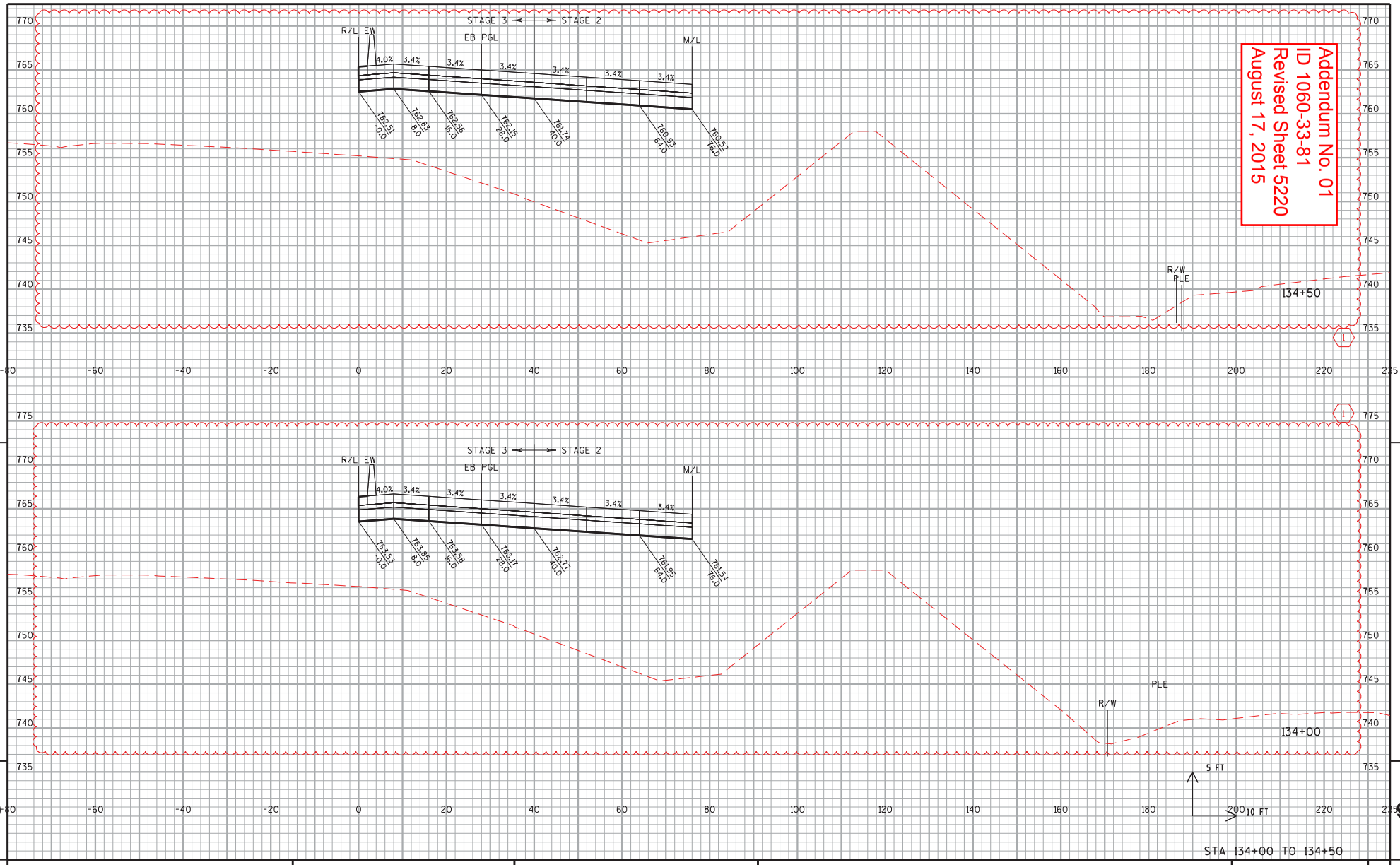
Addendum No. 01
ID 1060-33-81
Revised Sheet 5219
August 17, 2015



STA 133+50 TO 133+50

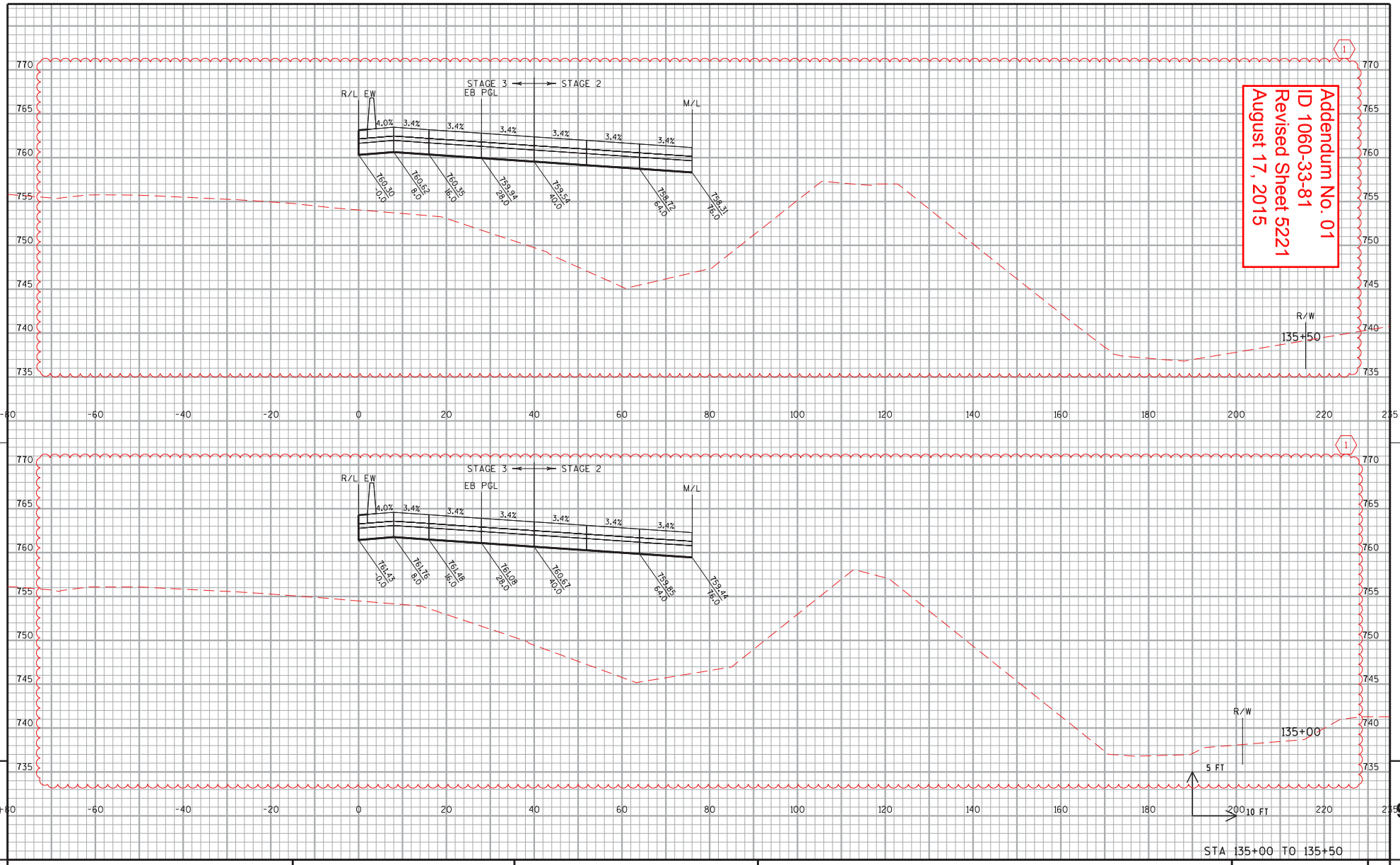
PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: IH 94 EB	SHEET 5219	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090205_xs_EW_EB_W.dgn PLOT DATE : 11-AUG-2015 12:56 PLOT BY : mscsxp PLOT NAME : 090205_xs_EW_EB_W5 PLOT SCALE : 20:1



PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: IH 94 EB	SHEET 5220	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090205_xs_EW_EB_W.dgn PLOT DATE : 11-AUG-2015 12:56 PLOT BY : mscsxp PLOT NAME : 090205_xs_EW_EB_W5 PLOT SCALE : 20:1



Addendum No. 01
ID 1060-33-81
Revised Sheet 5221
August 17, 2015

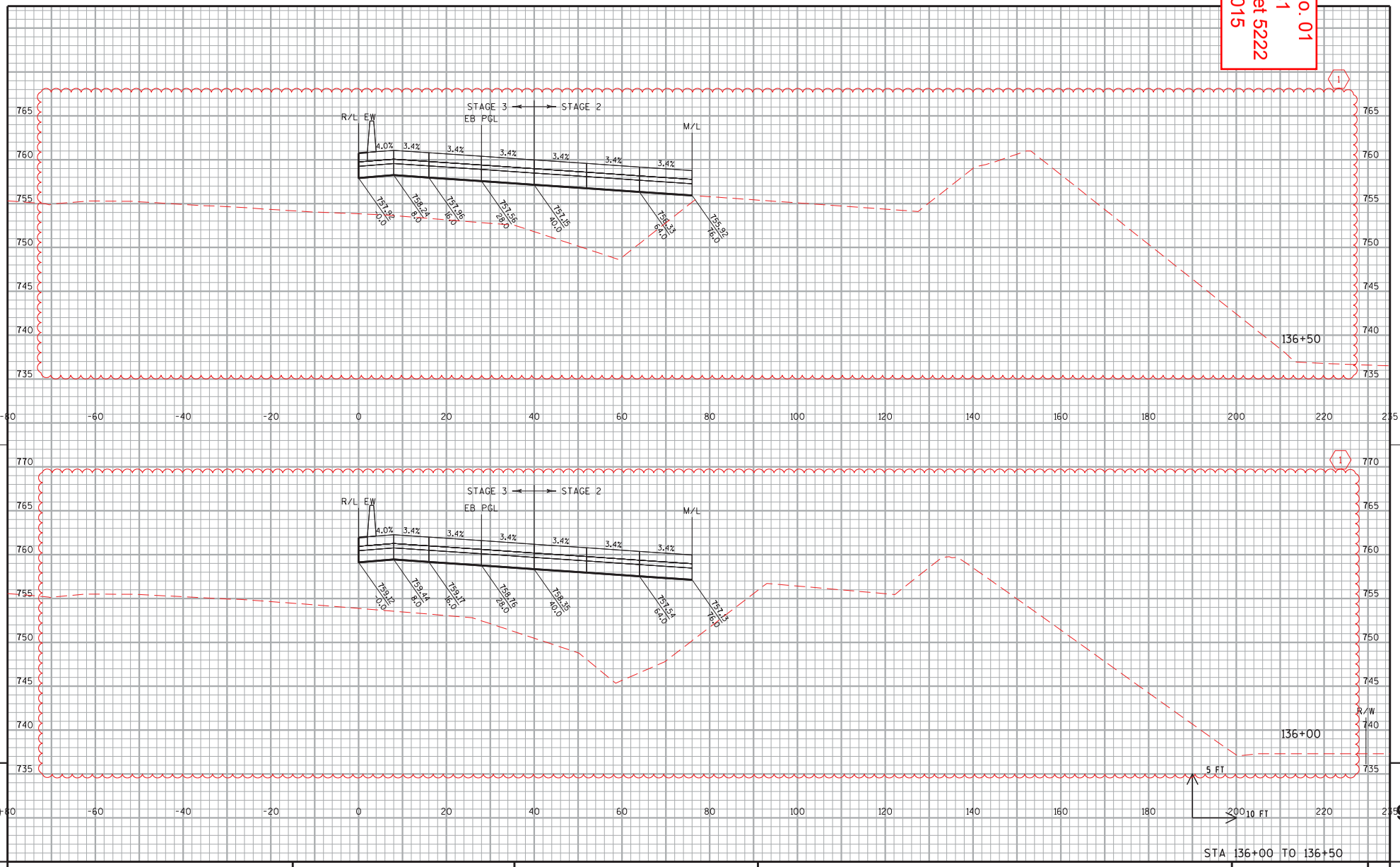
STA 135+00 TO 135+50

9 9

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: IH 94 EB	SHEET 5221	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090205_xs_EW_EB_W.dgn PLOT DATE : 11-AUG-2015 12:56 PLOT BY : mscsxp PLOT NAME : 090205_xs_EW_EB_W5 PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 5222
August 17, 2015



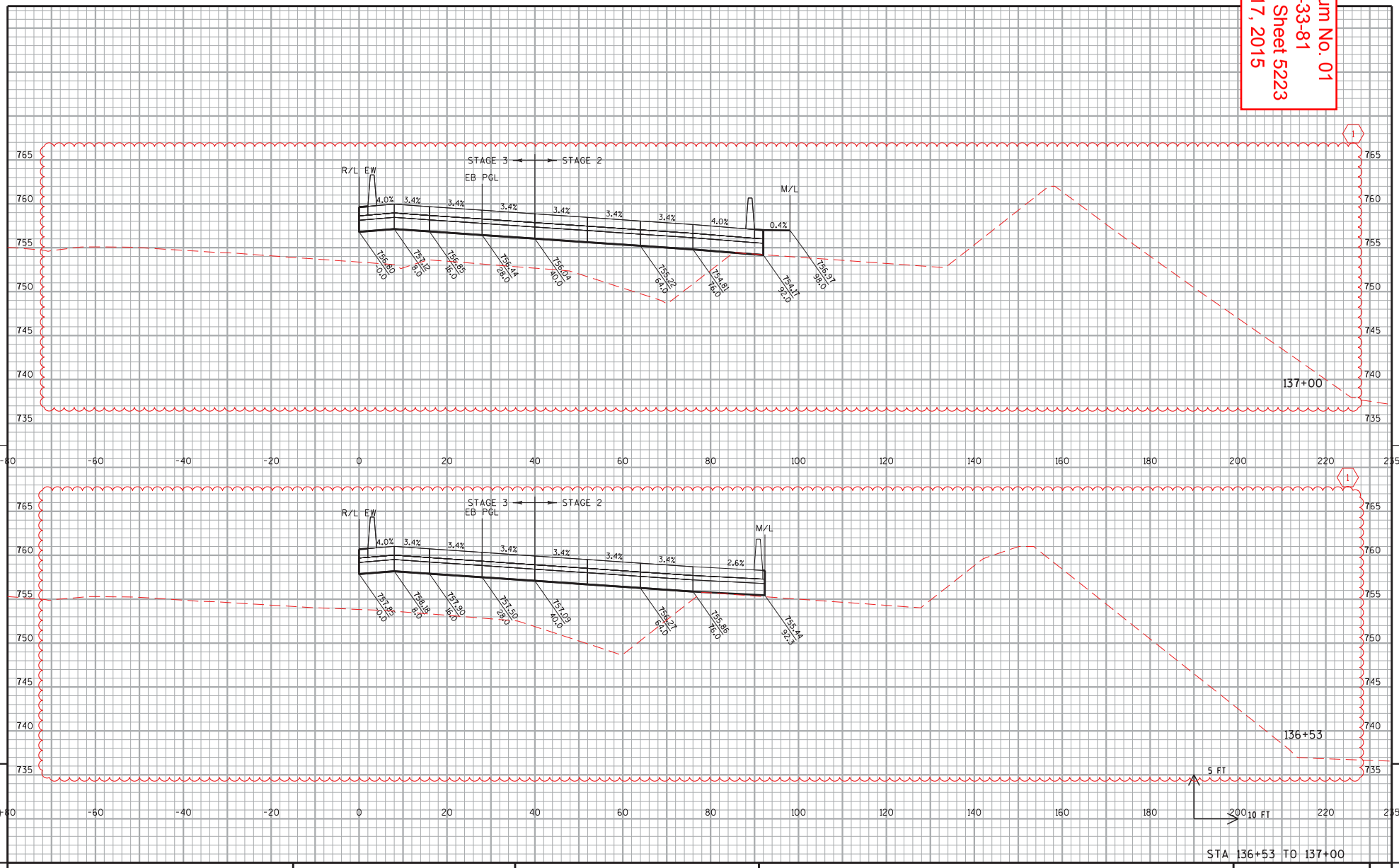
9 9

STA 136+00 TO 136+50

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: IH 94 EB	SHEET 5222	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090205_xs_EW_EB_W.dgn PLOT DATE : 11-AUG-2015 12:56 PLOT BY : mscsxp PLOT NAME : 090205_xs_EW_EB_W5A PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 5223
August 17, 2015



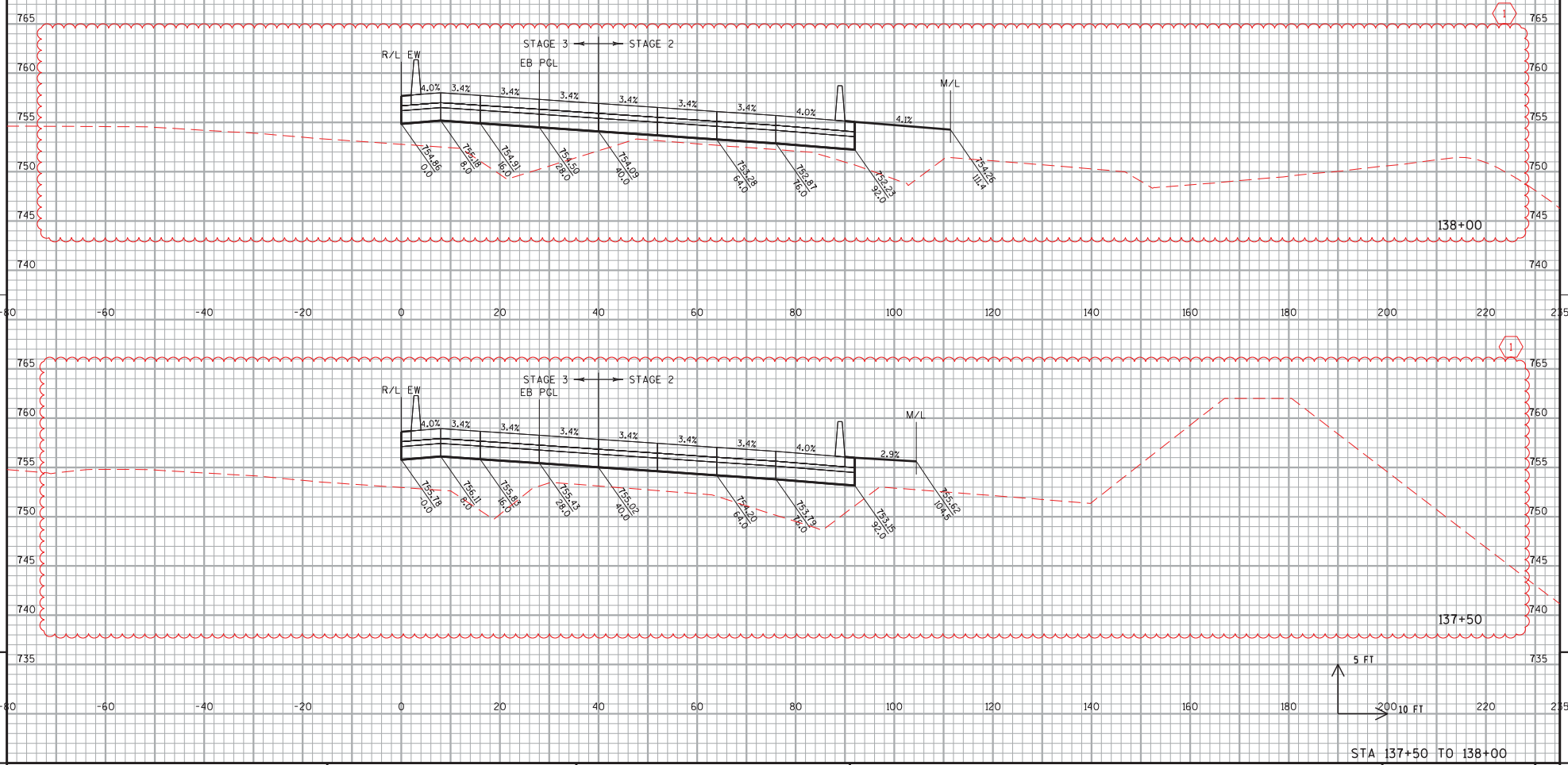
9 9

STA 136+53 TO 137+00

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: IH 94 EB	SHEET 5223	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090205_xs_EW_EB_W.dgn
PLOT DATE : 11-AUG-2015 12:56
PLOT BY : mscsxp
PLOT NAME : 090205_xs_EW_EB_W5
PLOT SCALE : 20:1
WISDOT/CADDS SHEET 21

Addendum No. 01
ID 1060-33-81
Revised Sheet 5224
August 17, 2015



9

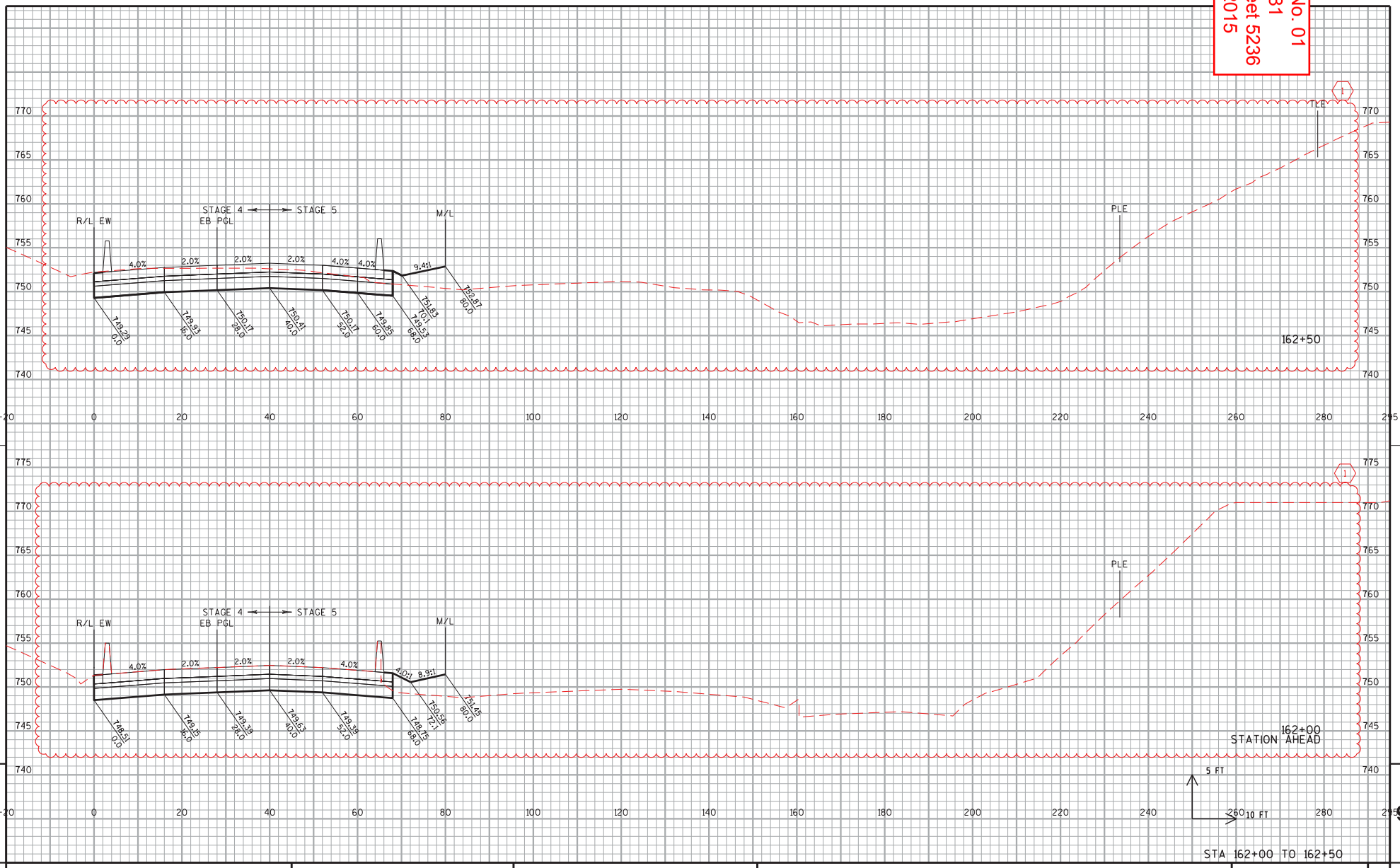
9

STA 137+50 TO 138+00

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: IH 94 EB	SHEET 5224	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090205_xs_EW_EB_W.dgn
PLOT DATE : 11-AUG-2015 12:56
PLOT BY : mscsxp
PLOT NAME : 090205_xs_EW_EB_W5
PLOT SCALE : 20:1

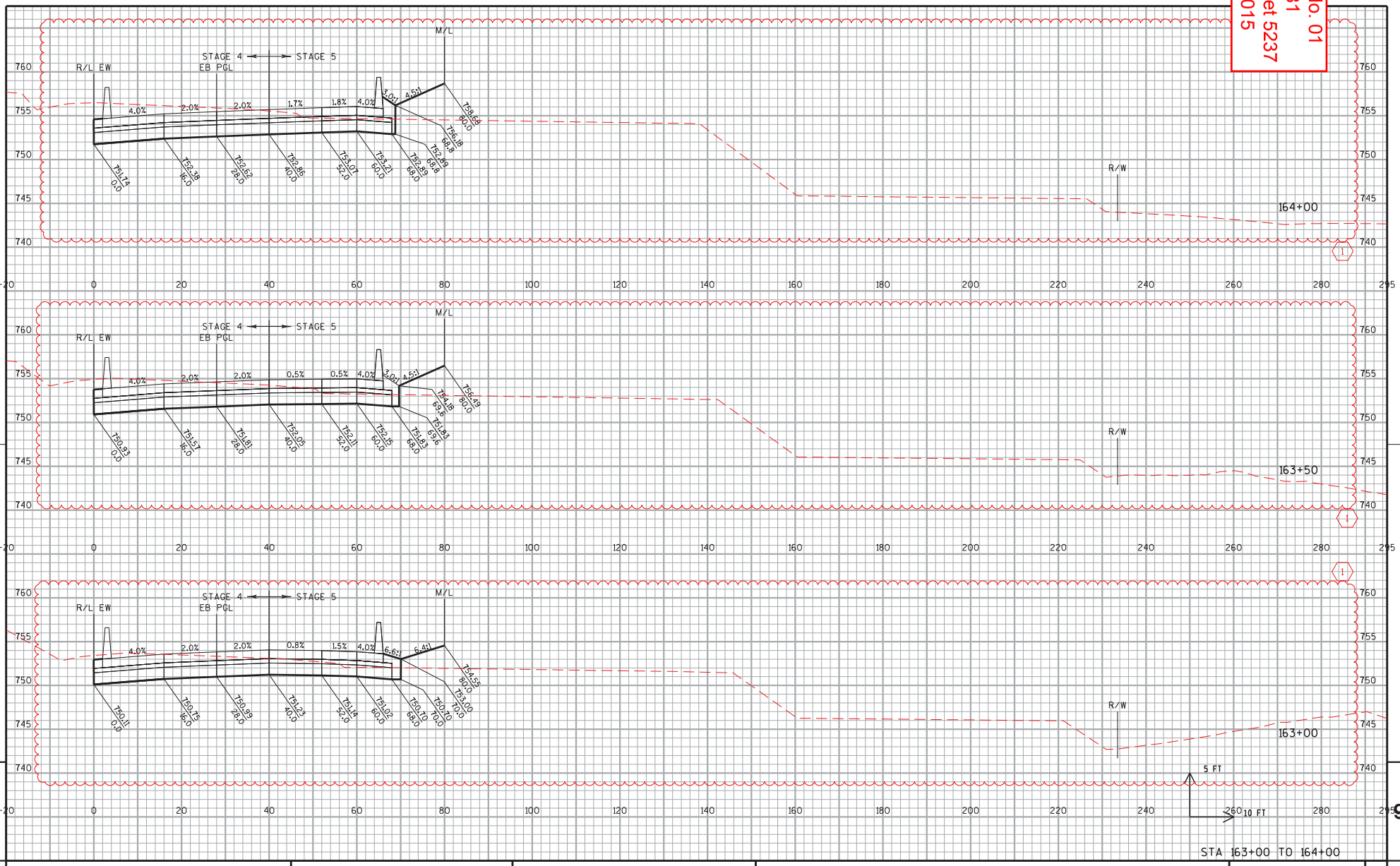
Addendum No. 01
ID 1060-33-81
Revised Sheet 5236
August 17, 2015



PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: IH 94 EB	SHEET 5236	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090205_xs_EW_EB_W.dgn PLOT DATE : 12-AUG-2015 09:00 PLOT BY : mscsxp PLOT NAME : 090205_xs_EW_EB_W6 PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 5237
August 17, 2015

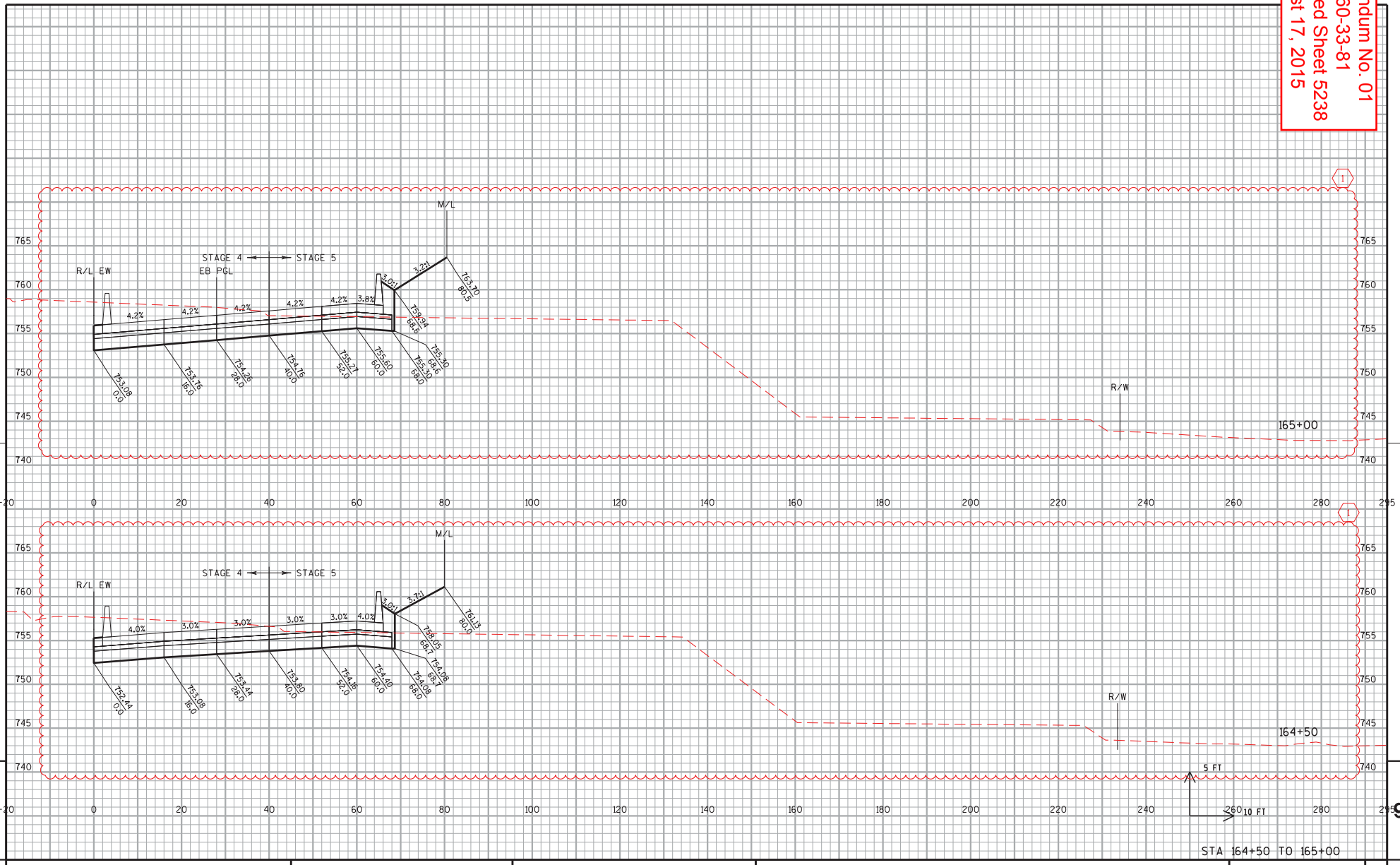


STA 163+00 TO 164+00

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: IH 94 EB	SHEET 5237	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090205_xs_EW_EB_W.dgn PLOT DATE : 12-AUG-2015 09:00 PLOT BY : mscsxp PLOT NAME : 090205_xs_EW_EB_W6P PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 5238
August 17, 2015



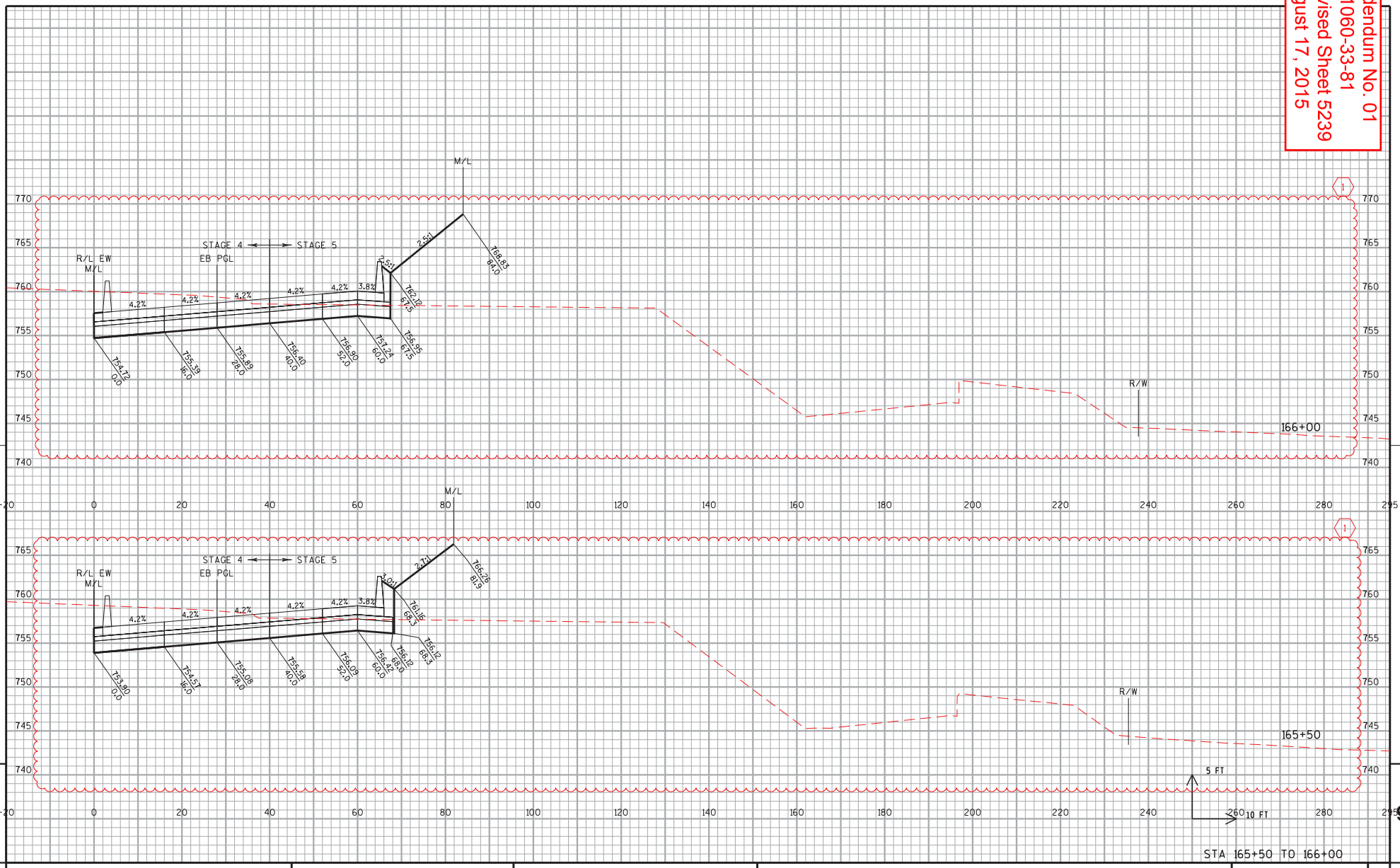
9

9

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: IH 94 EB	SHEET 5238	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090205_xs_EW_EB_W.dgn PLOT DATE : 12-AUG-2015 09:00 PLOT BY : mscsxp PLOT NAME : 090205_xs_EW_EB_W.PLOT SCALE : 20:1

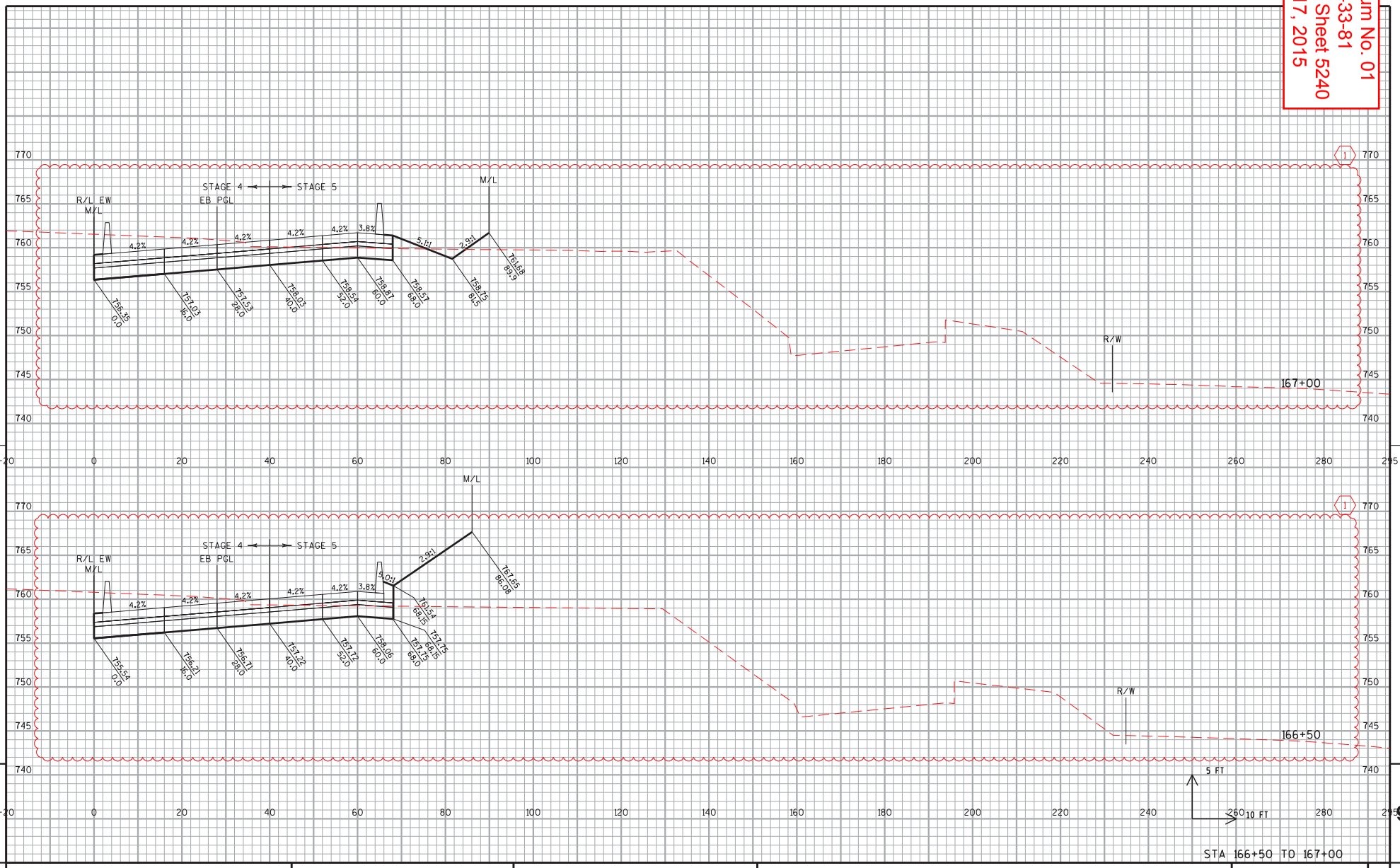
Addendum No. 01
ID 1060-33-81
Revised Sheet 5239
August 17, 2015



PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: IH 94 EB	SHEET 5239	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090205_xs_EW_EB_W.dgn PLOT DATE : 12-AUG-2015 09:00 PLOT BY : mscsxp PLOT NAME : 090205_xs_EW_EB_W7 PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 5240
August 17, 2015

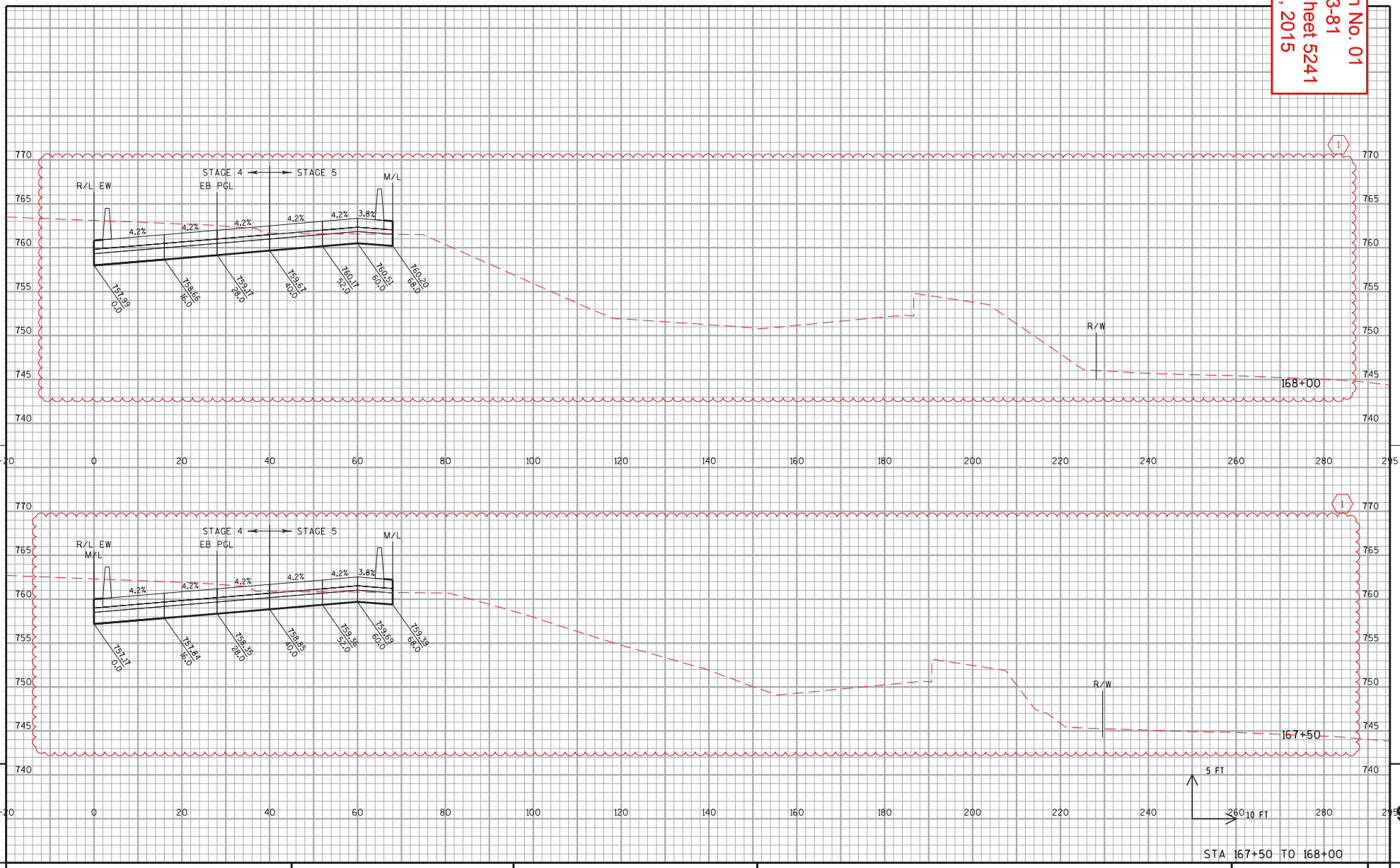


STA 166+50 TO 167+00

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: IH 94 EB	SHEET 5240	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090205_xs_EW_EB_W.dgn PLOT DATE : 12-AUG-2015 09:00 PLOT BY : mscsxp PLOT NAME : 090205_xs_EW_EB_W2 PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 5241
August 17, 2015

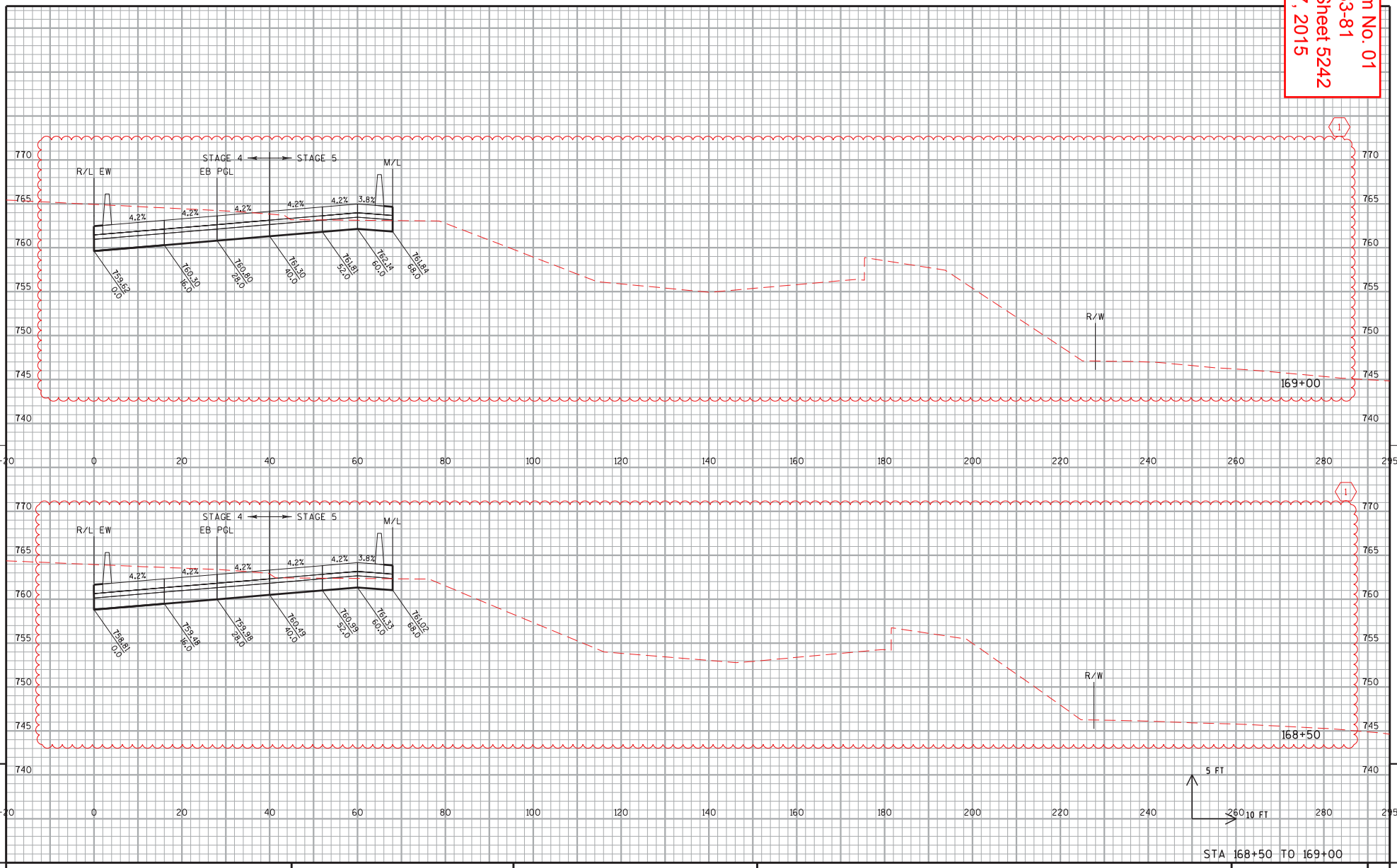


9 9

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: IH 94 EB	SHEET 5241	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090205_xs_EW_EB_W.dgn PLOT DATE : 12-AUG-2015 09:00 PLOT BY : mscsxp PLOT NAME : 090205_xs_EW_EB_W78 PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 5242
August 17, 2015



9

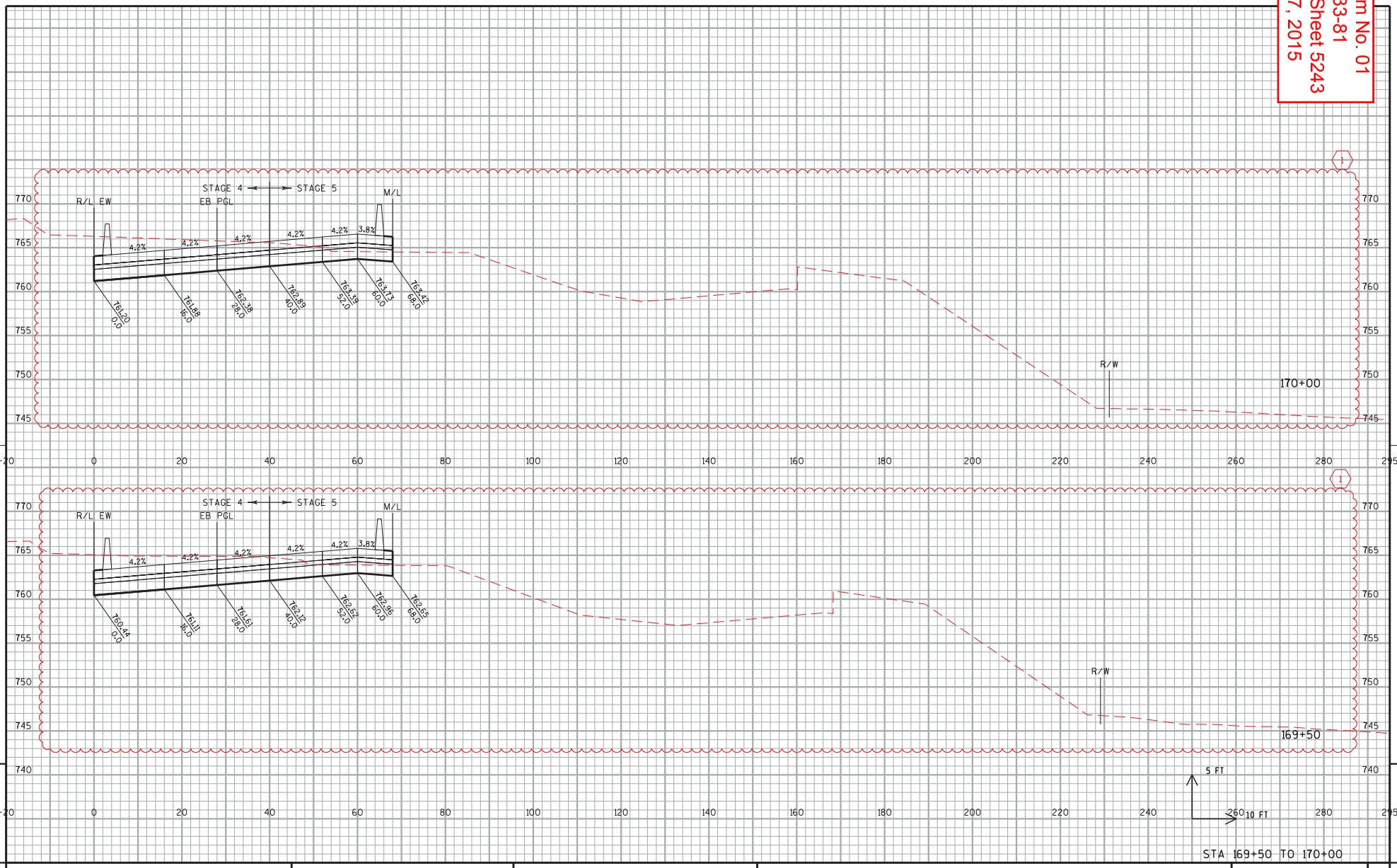
9

STA 168+50 TO 169+00

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: IH 94 EB	SHEET 5242	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090205_xs_EW_EB_W.dgn PLOT DATE : 12-AUG-2015 09:00 PLOT BY : mscsxp PLOT NAME : 090205_xs_EW_EB_W7 PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 5243
August 17, 2015

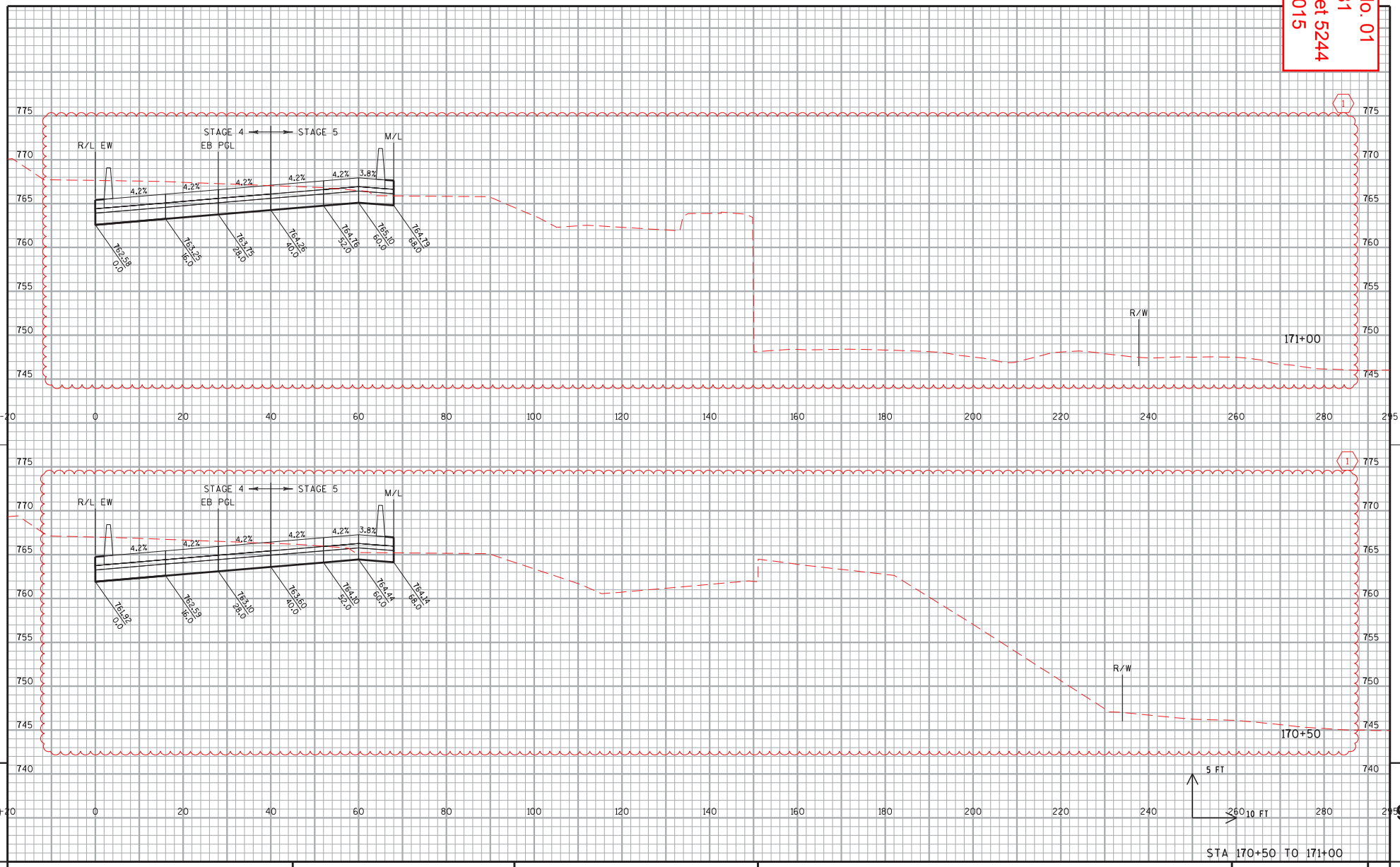


STA 169+50 TO 170+00

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: IH 94 EB	SHEET 5243	E

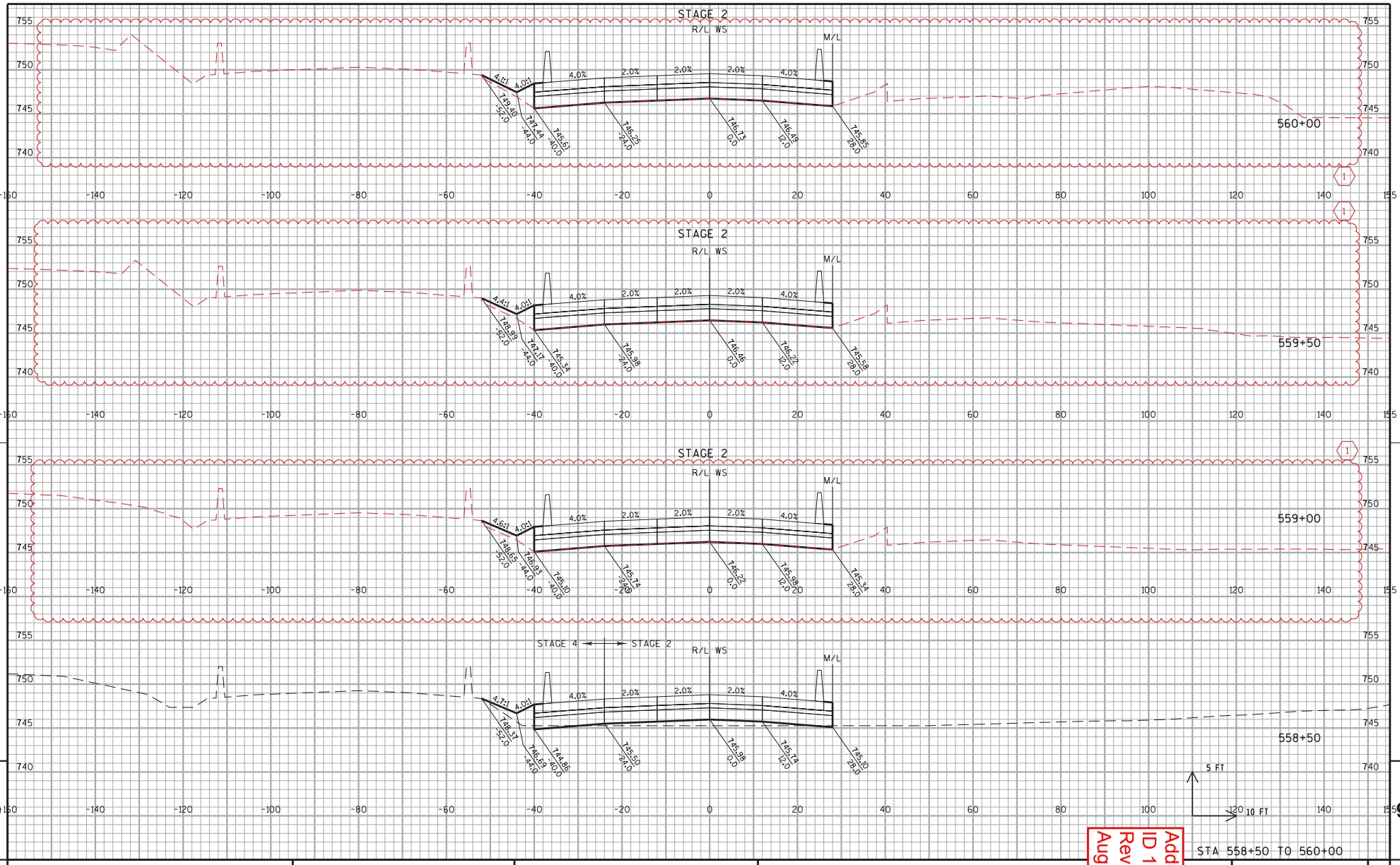
FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090205_xs_EW_EB_W.dgn
PLOT DATE : 12-AUG-2015 09:00
PLOT BY : mscsxp
PLOT NAME : 090205_xs_EW_EB_W75
PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 5244
August 17, 2015



PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: IH 94 EB	SHEET 5244	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090205_xs_EW_EB_W.dgn PLOT DATE : 12-AUG-2015 09:00 PLOT BY : mscsxp PLOT NAME : 090205_xs_EW_EB_W7 PLOT SCALE : 20:1



PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP WS	SHEET 5473	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090302_xs_WS.dgn PLOT DATE : 11-AUG-2015 12:43 PLOT BY : mscsxp PLOT NAME : 090302_xs_WS15

WISDOT/CADDS SHEET 21

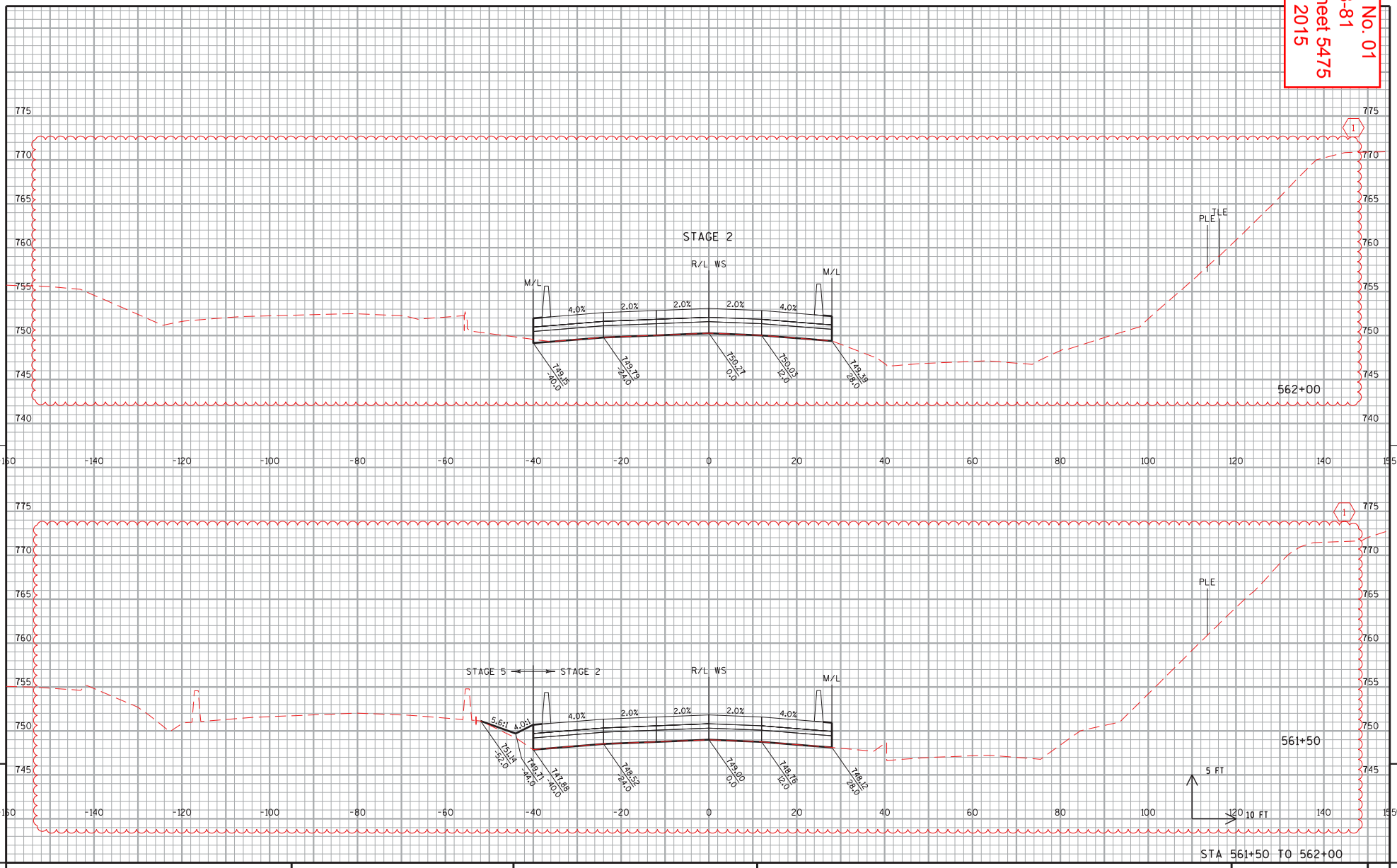
Addendum No. 01
ID 1060-33-81
Revised Sheet 5473
August 17, 2015

Addendum No. 01
ID 1060-33-81
Revised Sheet 5474
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP WS	SHEET 5474	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090302_xs_WS.dgn PLOT DATE : 11-AUG-2015 12:43 PLOT BY : mscsxp PLOT NAME : 090302_xs_WS16 PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 5475
August 17, 2015



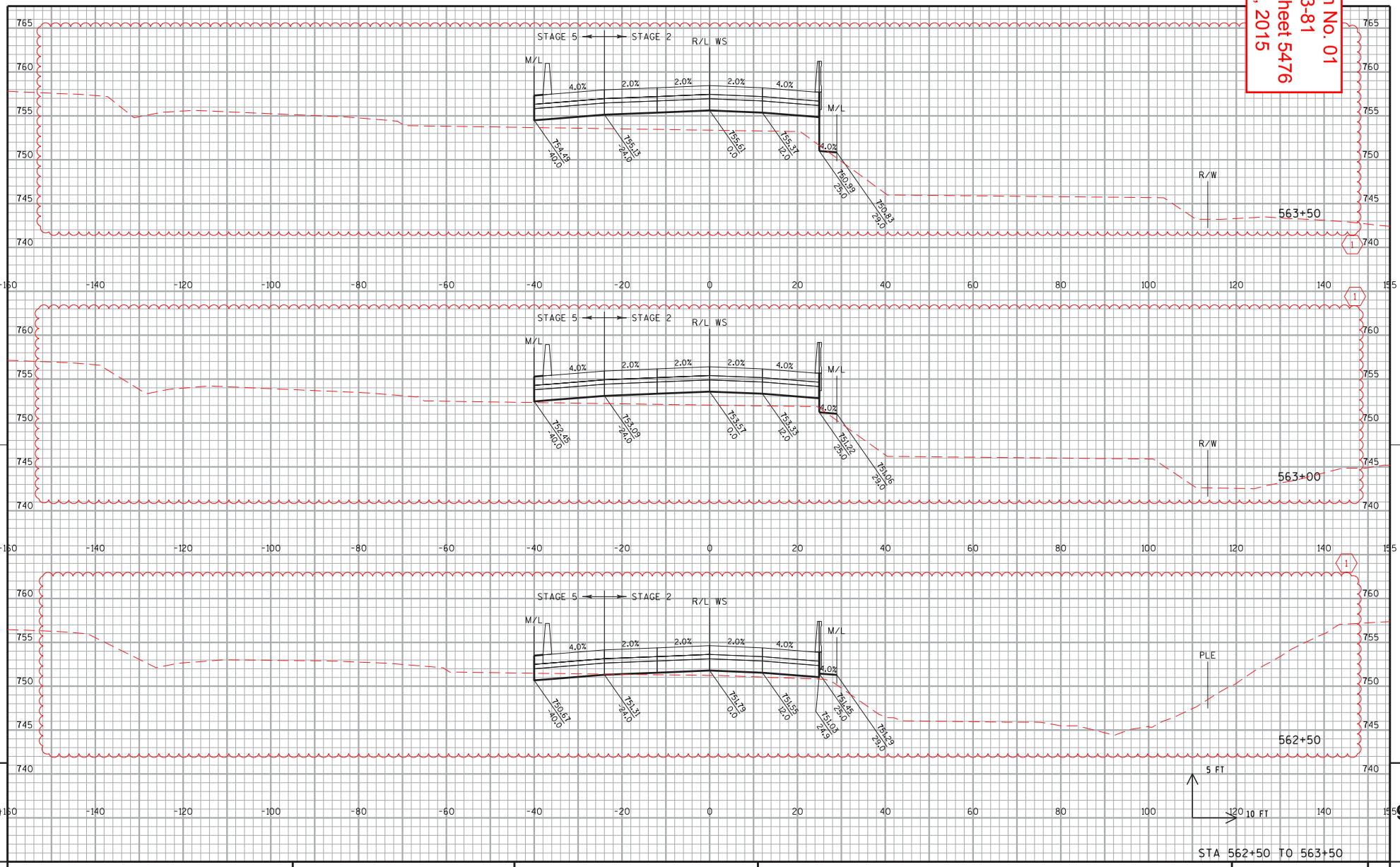
9 9

STA 561+50 TO 562+00

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP WS	SHEET 5475	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090302_xs_WS.dgn PLOT DATE : 11-AUG-2015 12:43 PLOT BY : mscsxp PLOT NAME : 090302_xs_WS17 PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 5476
August 17, 2015



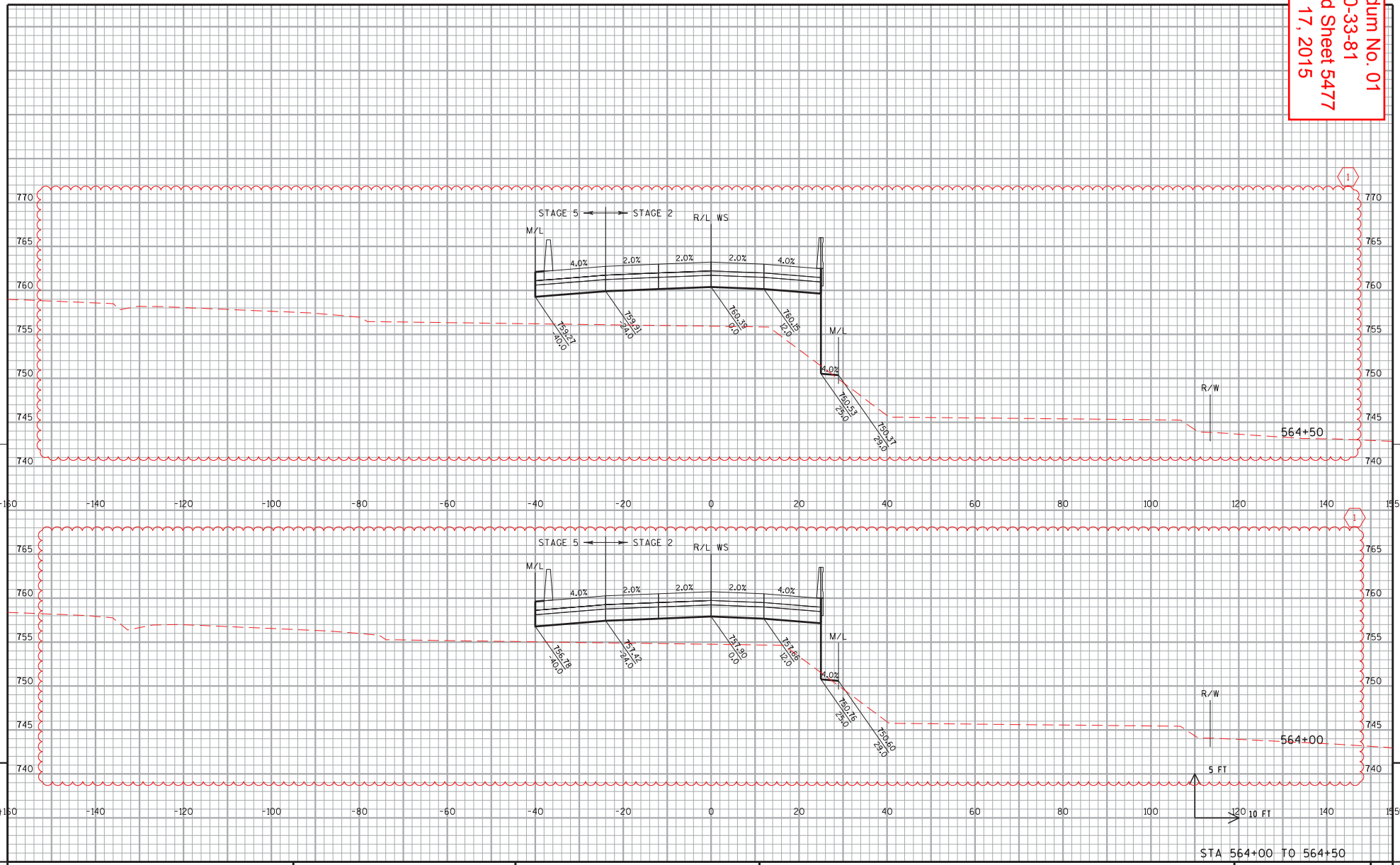
STA 562+50 TO 563+50

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP WS	SHEET 5476	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090302_xs_WS.dgn PLOT DATE : 11-AUG-2015 12:43 PLOT BY : mscsxp PLOT NAME : 090302_xs_WS18 PLOT SCALE : 20:1

WISDOT/CADDS SHEET 21

Addendum No. 01
ID 1060-33-81
Revised Sheet 5477
August 17, 2015

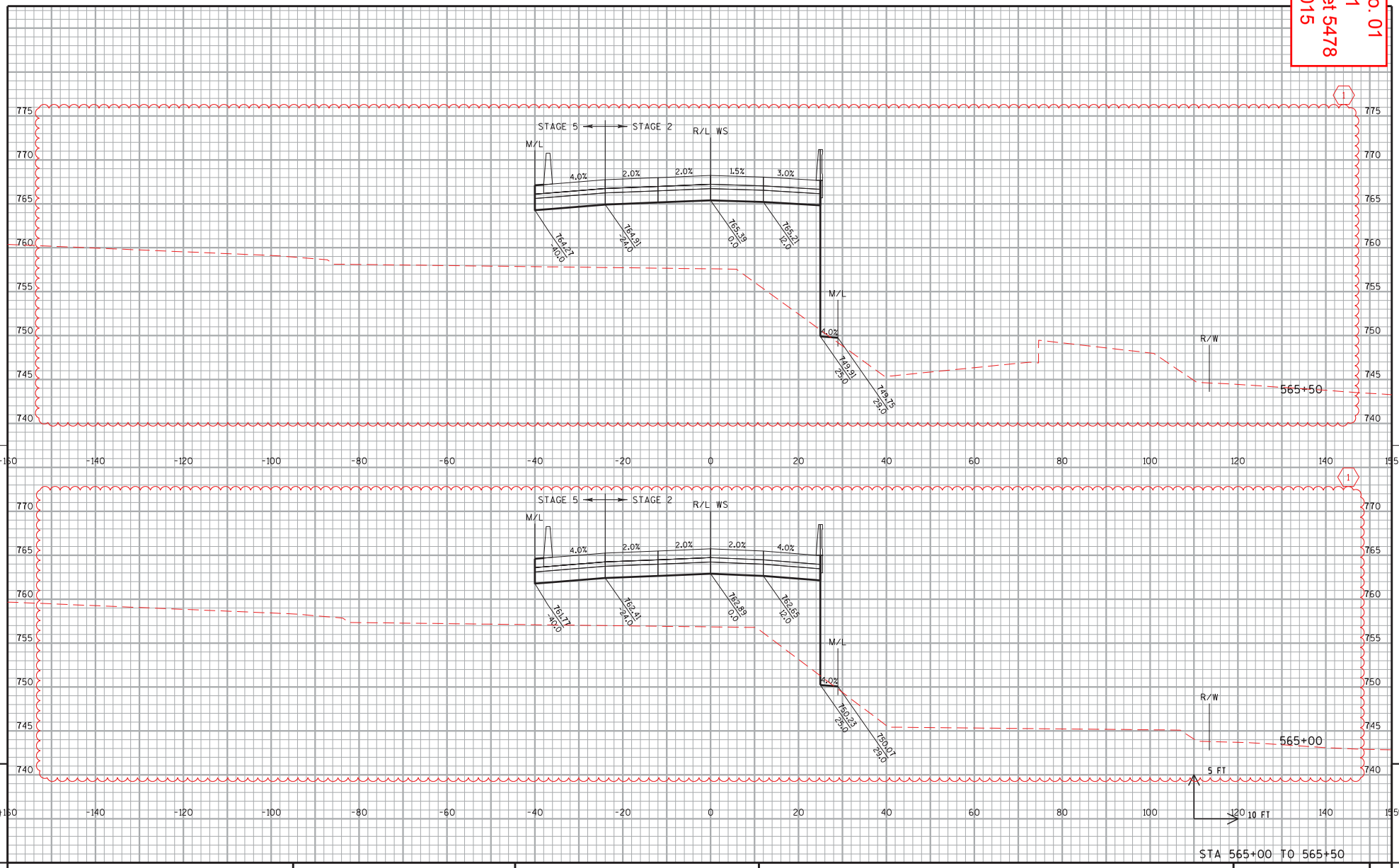


9 9

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP WS	SHEET 5477	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090302_xs_WS.dgn PLOT DATE : 11-AUG-2015 12:43 PLOT BY : mscsxp PLOT NAME : 090302_xs_WS19 PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 5478
August 17, 2015



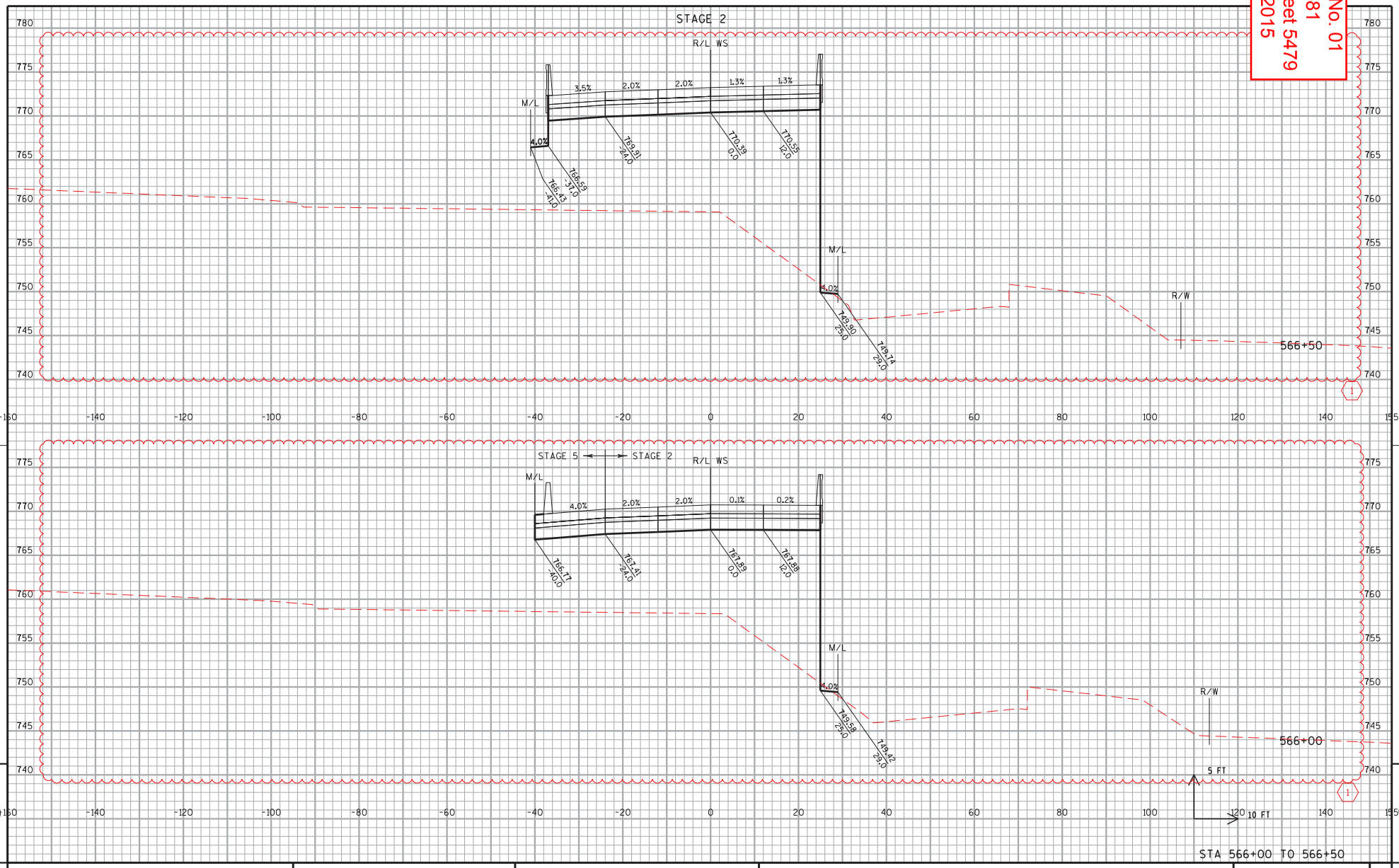
9 9

STA 565+00 TO 565+50

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP WS	SHEET 5478	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090302_xs_WS.dgn PLOT DATE : 11-AUG-2015 12:43 PLOT BY : mscsxp PLOT NAME : 090302_xs_WS20 PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 5479
August 17, 2015



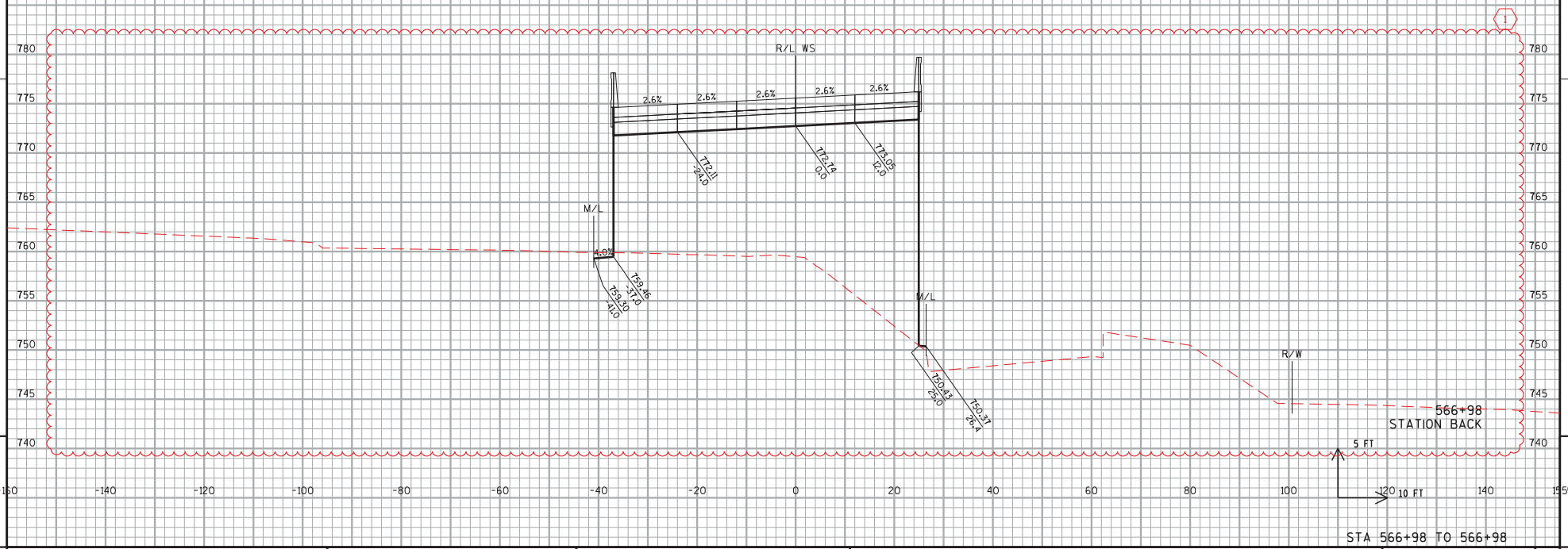
9 9

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP WS	SHEET 5479	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090302_xs_WS.dgn PLOT DATE : 11-AUG-2015 12:43 PLOT BY : mscsxp PLOT NAME : 090302_xs_WS21 PLOT SCALE : 20:1

ALL WORK STAGE 2

Addendum No. 01
ID 1060-33-81
Revised Sheet 5480
August 17, 2015



9 9

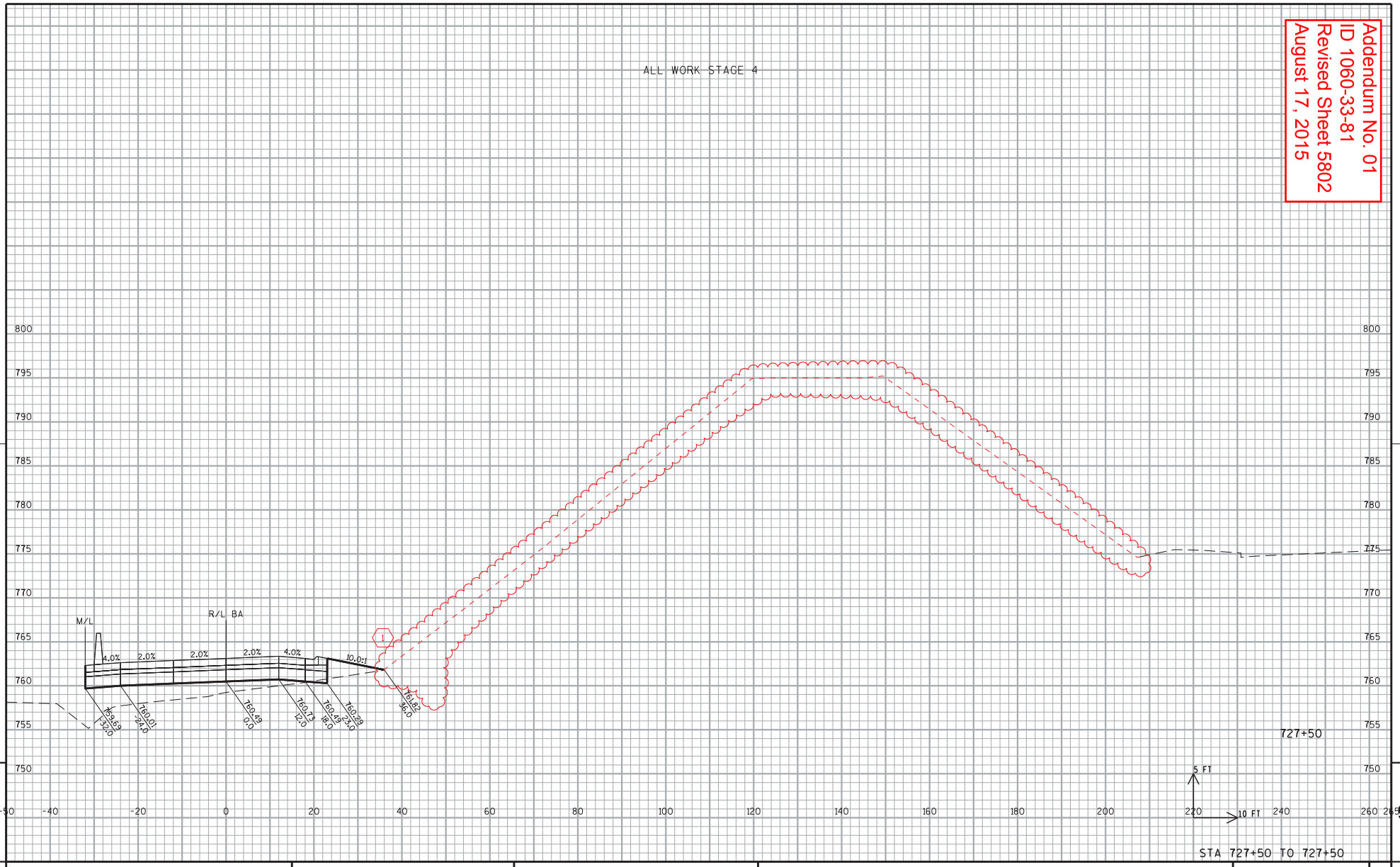
STA 566+98 TO 566+98

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP WS	SHEET 5480	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090302_xs_WS.dgn PLOT DATE : 11-AUG-2015 12:43 PLOT BY : mscsxp PLOT NAME : 090302_xs_WS22 PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 5802
August 17, 2015

ALL WORK STAGE 4



STA 727+50 TO 727+50

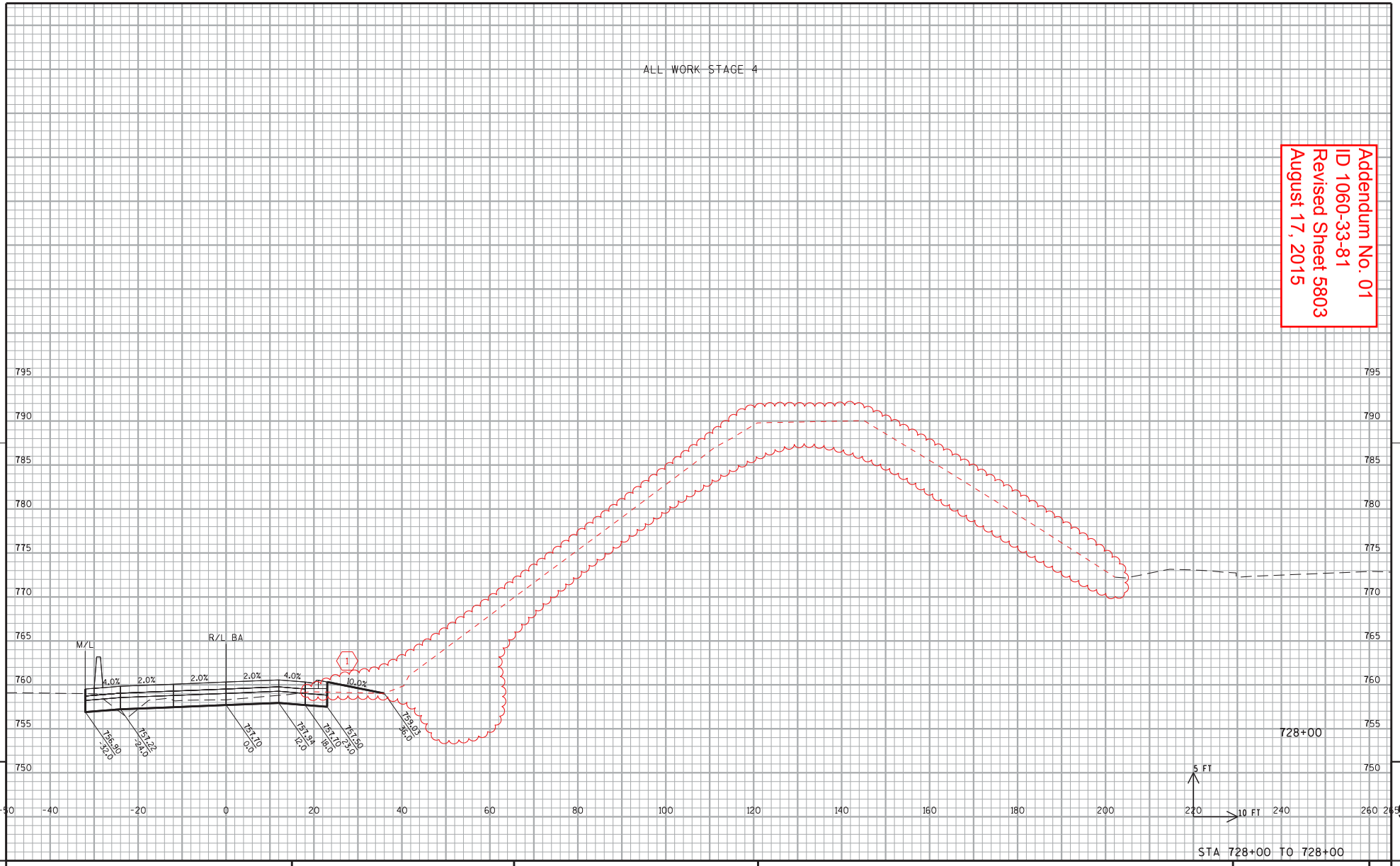
PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP BA	SHEET 5802	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090410_xs_BA.dgn PLOT DATE : 11-AUG-2015 11:24 PLOT BY : mscgz1 PLOT NAME : 090410_xs_BA5 PLOT SCALE : 20:1

WISDOT/CADDS SHEET 21

ALL WORK STAGE 4

Addendum No. 01
ID 1060-33-81
Revised Sheet 5803
August 17, 2015



9 9

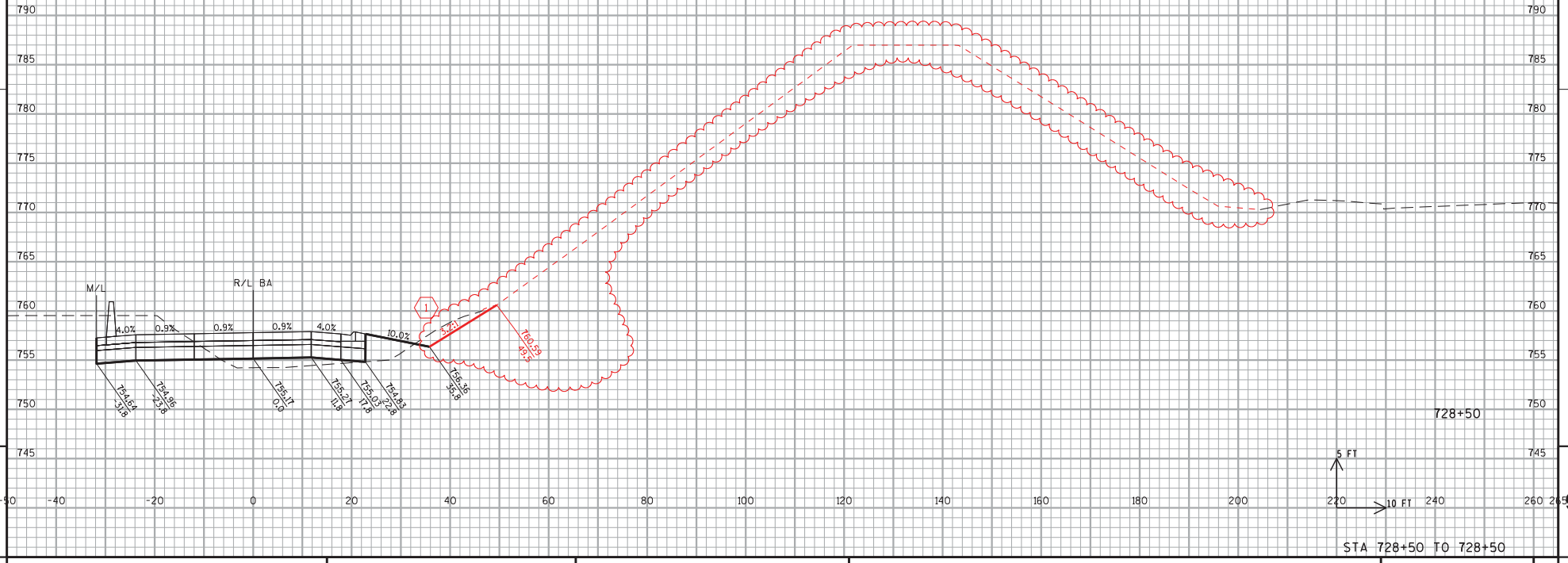
STA 728+00 TO 728+00

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP BA	SHEET 5803	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090410_xs_BA.dgn PLOT DATE : 11-AUG-2015 11:24 PLOT BY : mscgz1 PLOT NAME : 090410_xs_BA6 PLOT SCALE : 20:1

ALL WORK STAGE 4

Addendum No. 01
ID 1060-33-81
Revised Sheet 5804
August 17, 2015



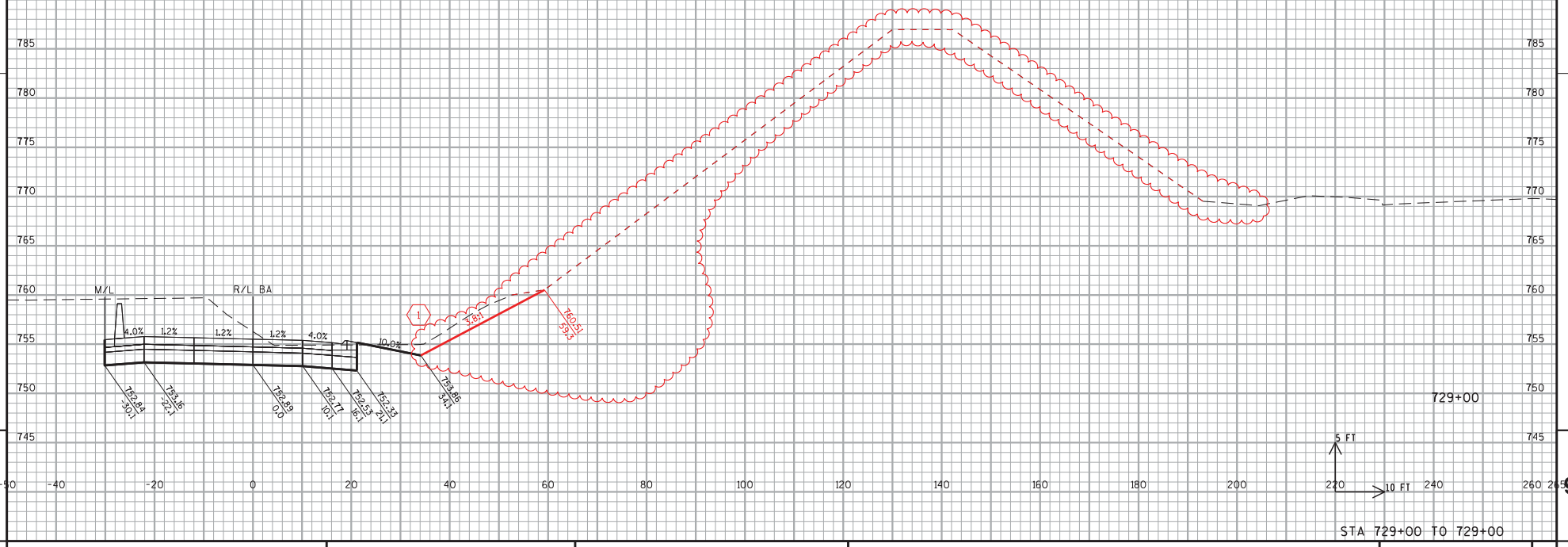
STA 728+50 TO 728+50

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP BA	SHEET 5804	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090410_xs_BA.dgn PLOT DATE : 11-AUG-2015 11:24 PLOT BY : mscgz1 PLOT NAME : 090410_xs_BA7 PLOT SCALE : 20:1

ALL WORK STAGE 4

Addendum No. 01
ID 1060-33-81
Revised Sheet 5805
August 17, 2015



STA 729+00 TO 729+00

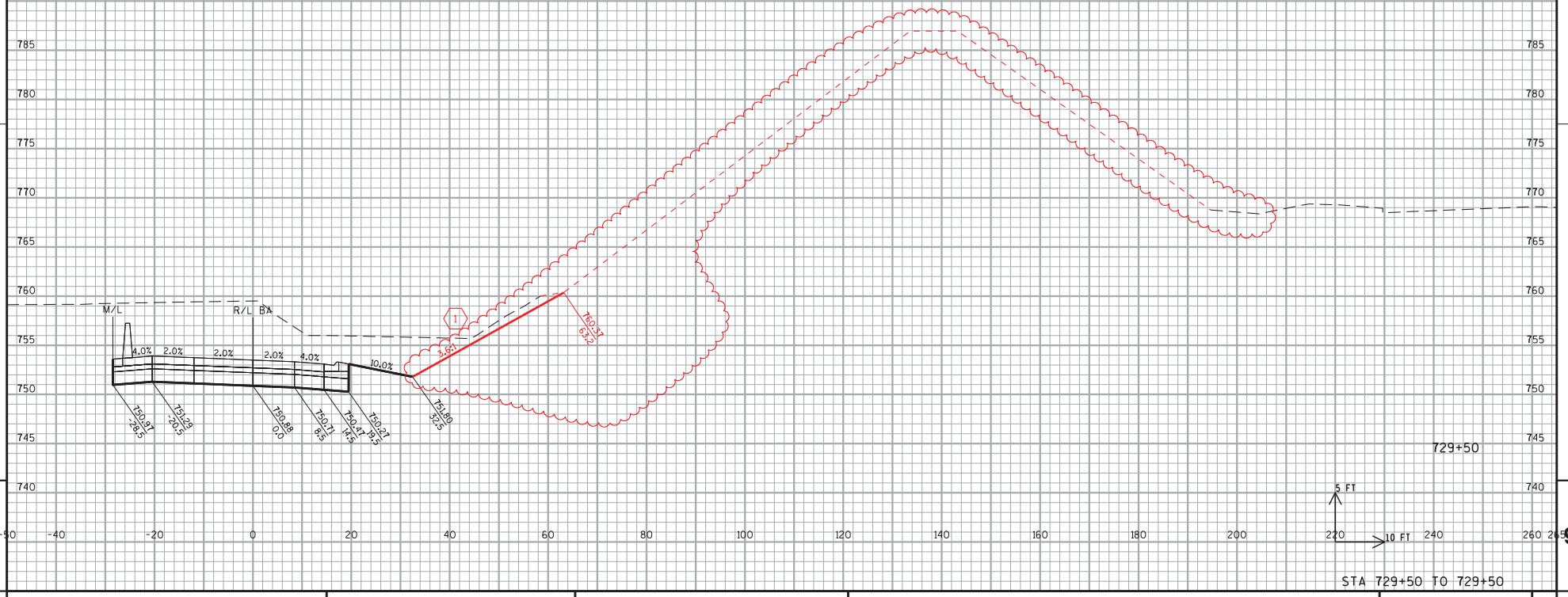
PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP BA	SHEET 5805	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090410_xs_BA.dgn PLOT DATE : 11-AUG-2015 11:24 PLOT BY : mscgz1 PLOT NAME : 090410_xs_BA8 PLOT SCALE : 20:1

WISDOT/CADDS SHEET 21

ALL WORK STAGE 4

Addendum No. 01
ID 1060-33-81
Revised Sheet 5806
August 17, 2015



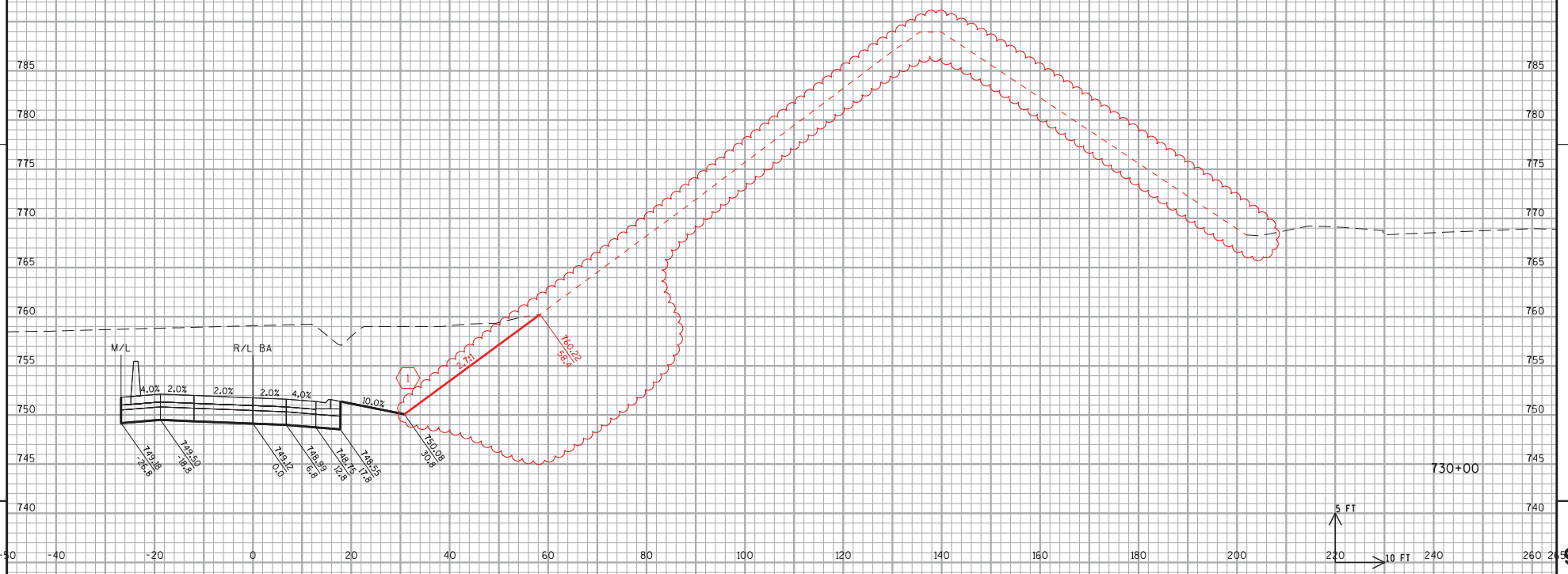
STA 729+50 TO 729+50

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP BA	SHEET 5806	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090410_xs_BA.dgn PLOT DATE : 11-AUG-2015 11:24 PLOT BY : mscgzl PLOT NAME : 090410_xs_BA9 PLOT SCALE : 20:1

ALL WORK STAGE 4

Addendum No. 01
ID 1060-33-81
Revised Sheet 5807
August 17, 2015



STA 730+00 TO 730+00

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP BA	SHEET 5807	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090410_xs_BA.dgn PLOT DATE : 11-AUG-2015 11:24 PLOT BY : mscgz1 PLOT NAME : 090410_xs_BA10 PLOT SCALE : 20:1

ALL WORK STAGE 4

Addendum No. 01
ID 1060-33-81
Revised Sheet 5808
August 17, 2015

9

9

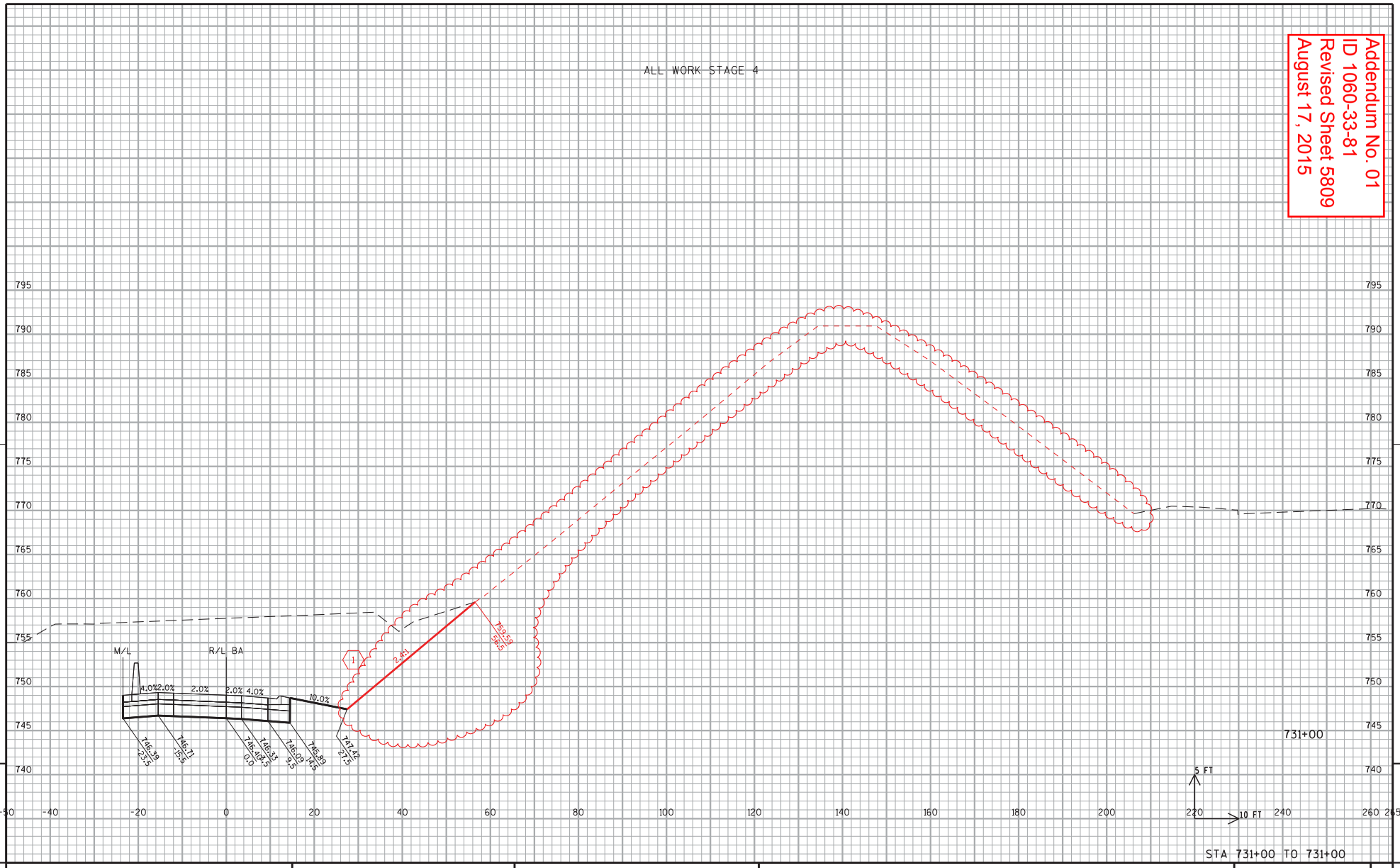
STA 730+50 TO 730+50

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP BA	SHEET 5808	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090410_xs_BA.dgn PLOT DATE : 11-AUG-2015 11:24 PLOT BY : mscgz1 PLOT NAME : 090410_xs_BA11 PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 5809
August 17, 2015

ALL WORK STAGE 4



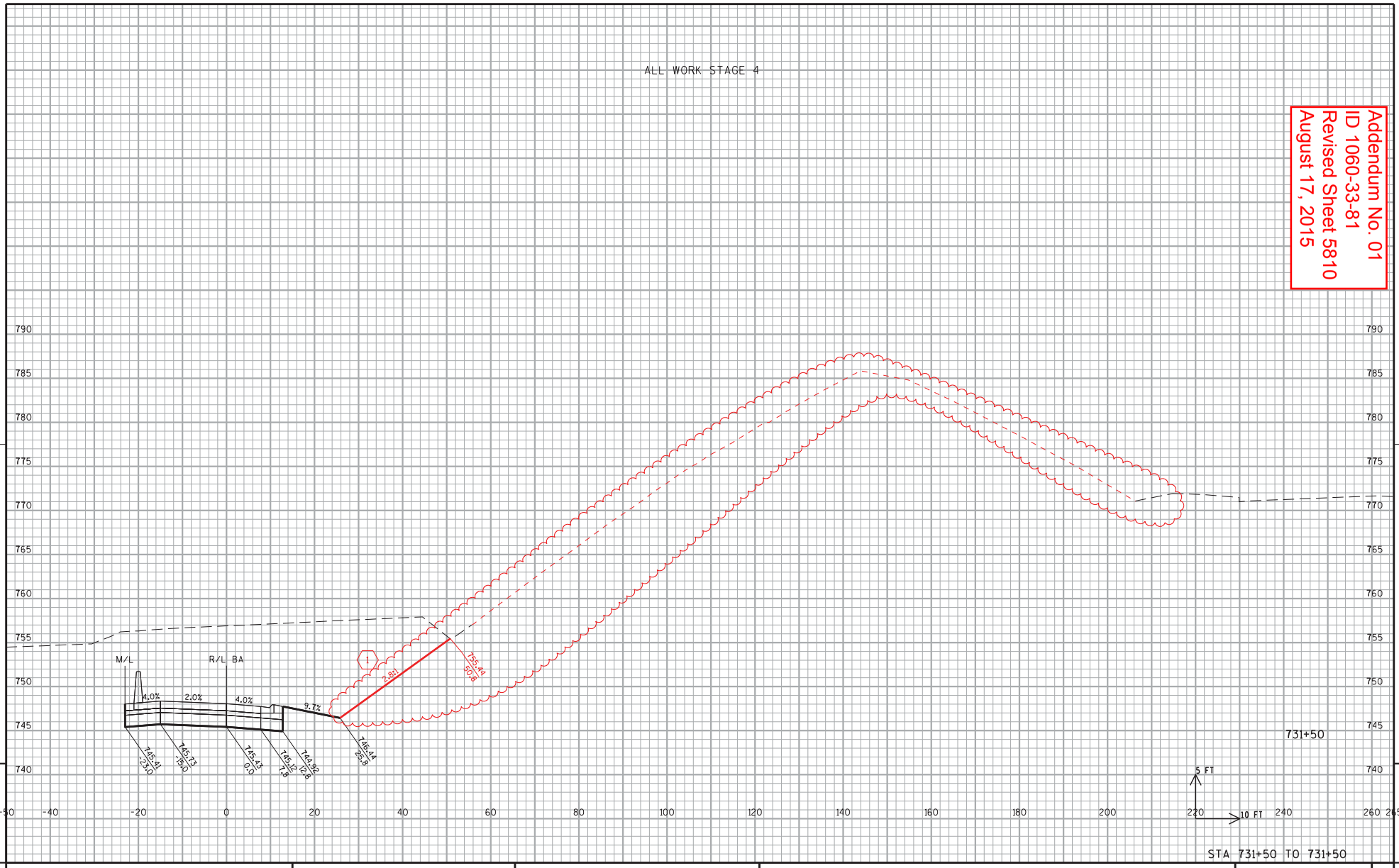
STA 731+00 TO 731+00

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP BA	SHEET 5809	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090410_xs_BA.dgn
PLOT DATE : 11-AUG-2015 11:24
PLOT BY : mscgz1
PLOT NAME : 090410_xs_BA12
PLOT SCALE : 20:1

ALL WORK STAGE 4

Addendum No. 01
ID 1060-33-81
Revised Sheet 5810
August 17, 2015



9

9

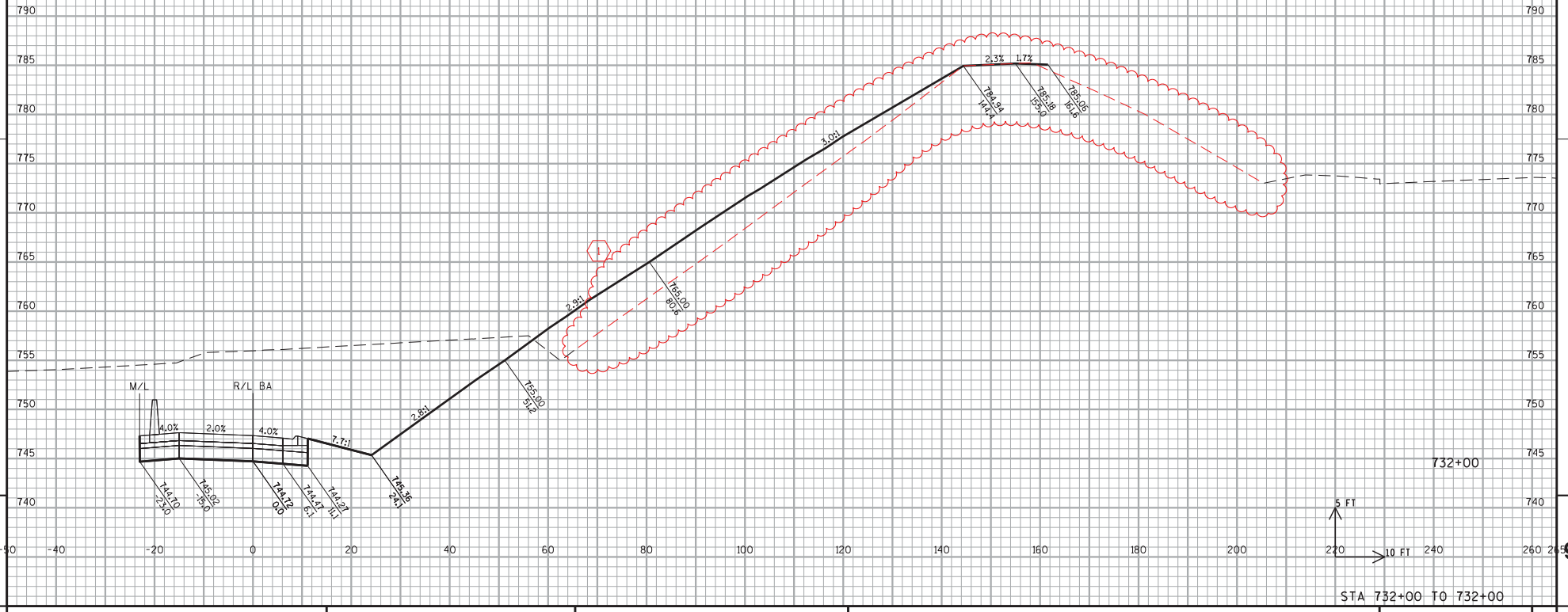
STA 731+50 TO 731+50

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP BA	SHEET 5810	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090410_xs_BA.dgn PLOT DATE : 11-AUG-2015 11:24 PLOT BY : mscgz1 PLOT NAME : 090410_xs_BA13 PLOT SCALE : 20:1

ALL WORK STAGE 4

Addendum No. 01
ID 1060-33-81
Revised Sheet 5811
August 17, 2015



STA 732+00 TO 732+00

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP BA	SHEET 5811	E

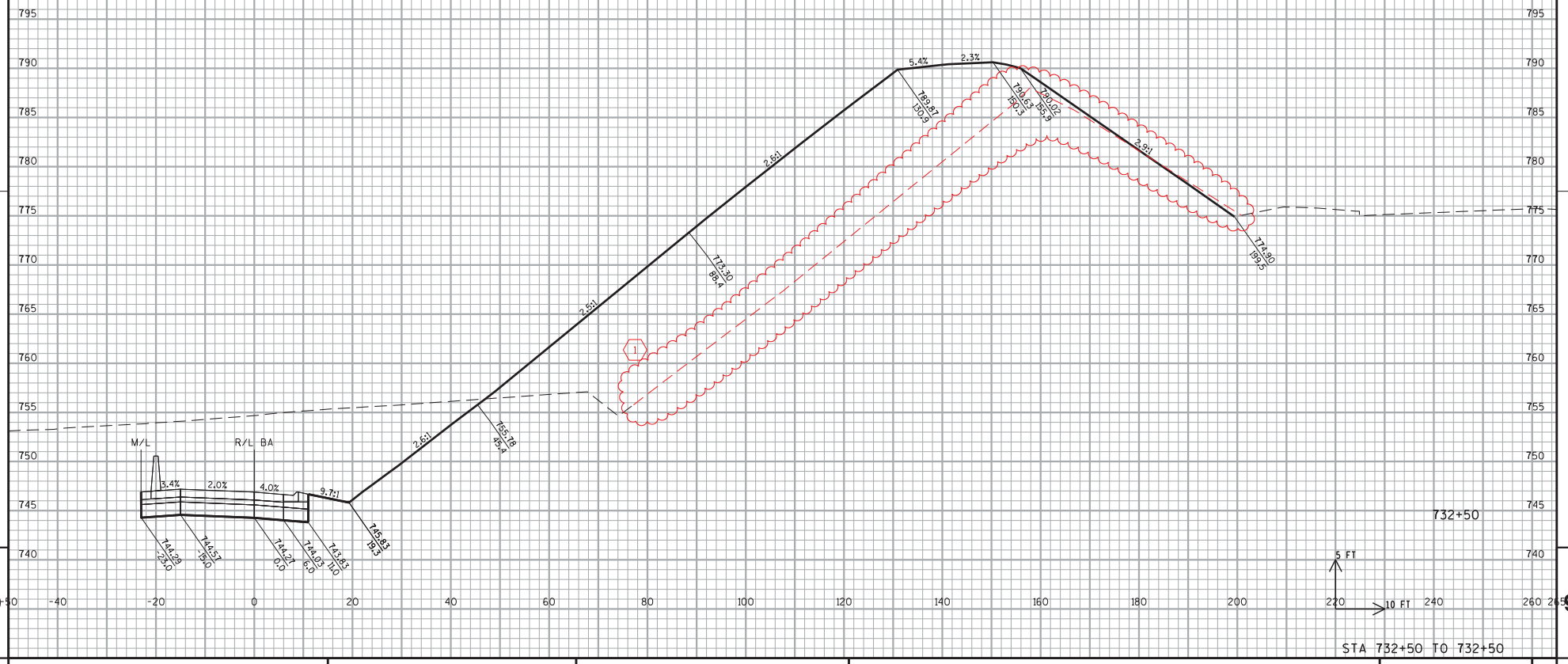
FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090410_xs_BA.dgn PLOT DATE : 11-AUG-2015 11:24 PLOT BY : mscgz1 PLOT NAME : 090410_xs_BA14 PLOT SCALE : 20:1

WISDOT/CADDS SHEET 21

9 9

Addendum No. 01
ID 1060-33-81
Revised Sheet 5812
August 17, 2015

ALL WORK STAGE 4



STA 732+50 TO 732+50

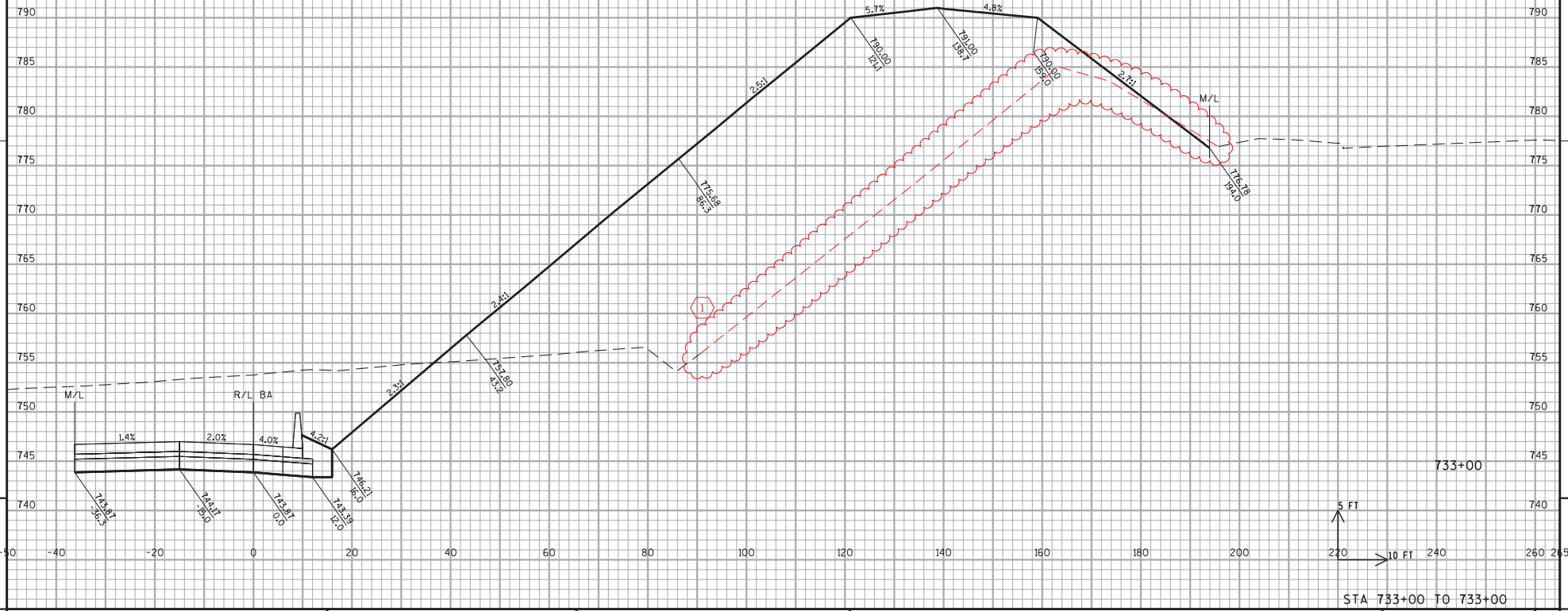
PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP BA	SHEET 5812	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090410_xs_BA.dgn PLOT DATE : 11-AUG-2015 11:24 PLOT BY : mscgzl PLOT NAME : 090410_xs_BA15 PLOT SCALE : 20:1

WISDOT/CADDS SHEET 21

Addendum No. 01
ID 1060-33-81
Revised Sheet 5813
August 17, 2015

ALL WORK STAGE 4



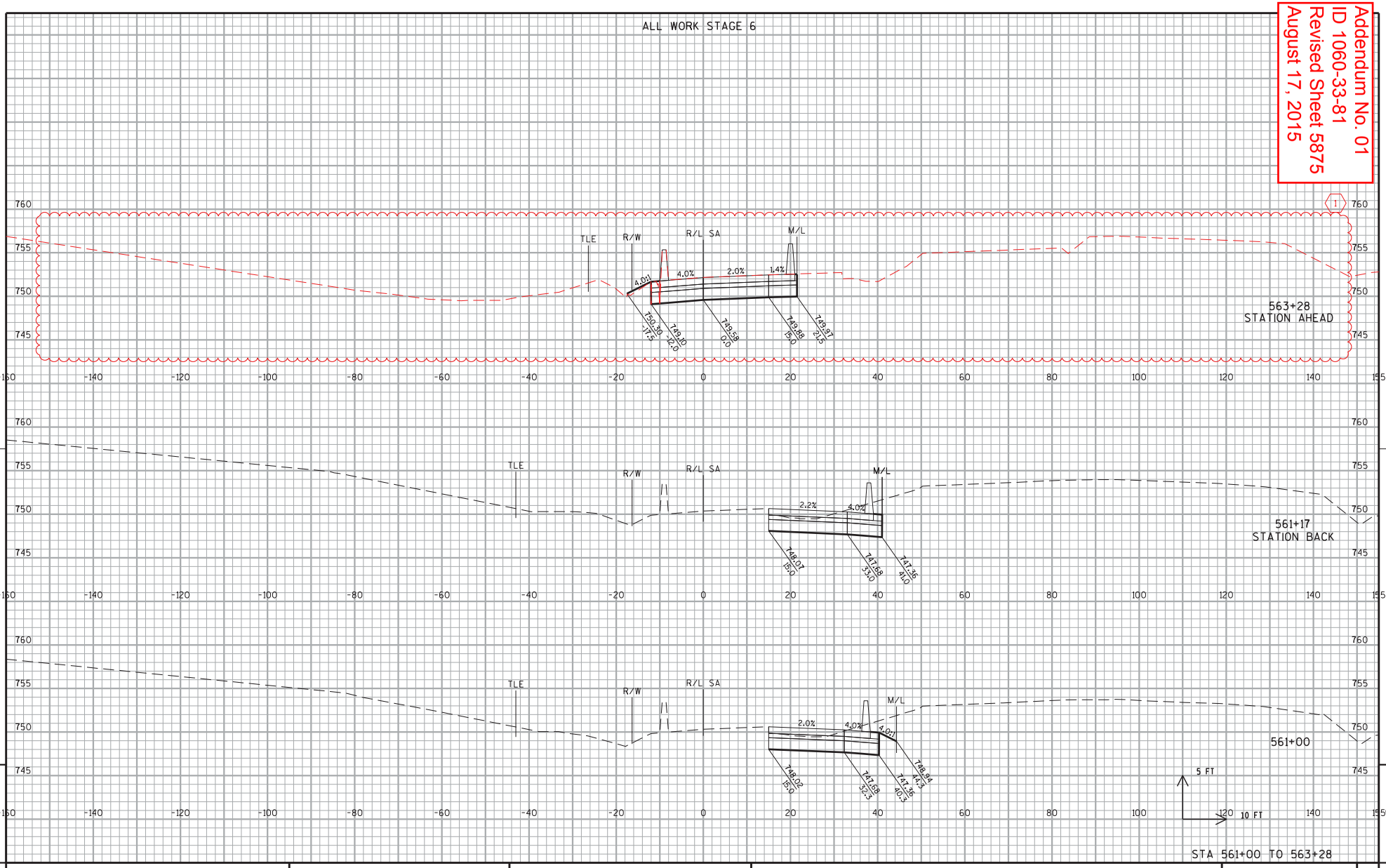
9 9

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP BA	SHEET 5813	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090410_xs_BA.dgn PLOT DATE : 11-AUG-2015 11:24 PLOT BY : mscgz1 PLOT NAME : 090410_xs_BA16 PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 5875
August 17, 2015

ALL WORK STAGE 6



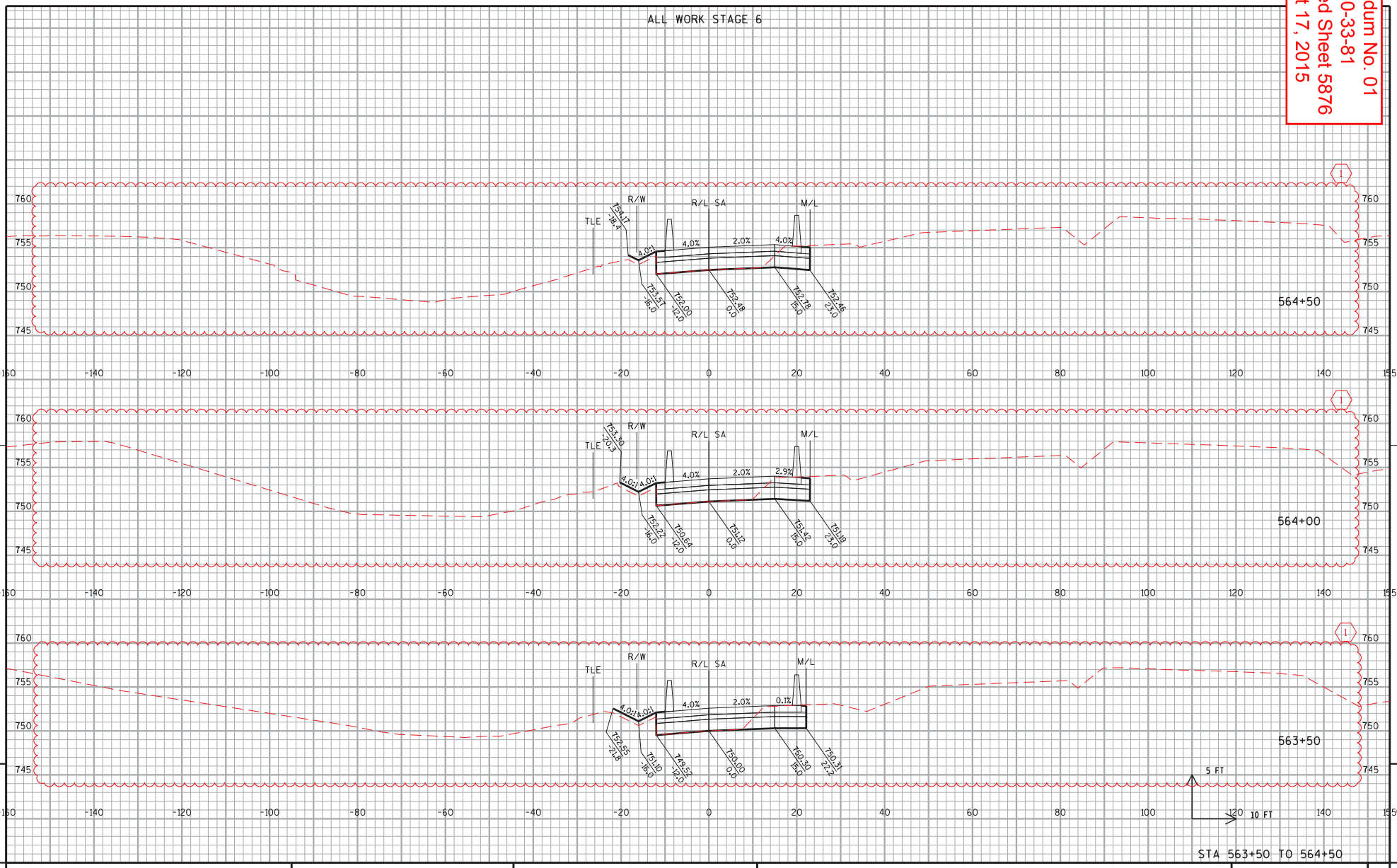
9 9

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP SA	SHEET 5875	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090416_xs_SA.dgn PLOT DATE : 11-AUG-2015 11:24 PLOT BY : mscsxp PLOT NAME : 090416_xs_SA1 PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 5876
August 17, 2015

ALL WORK STAGE 6



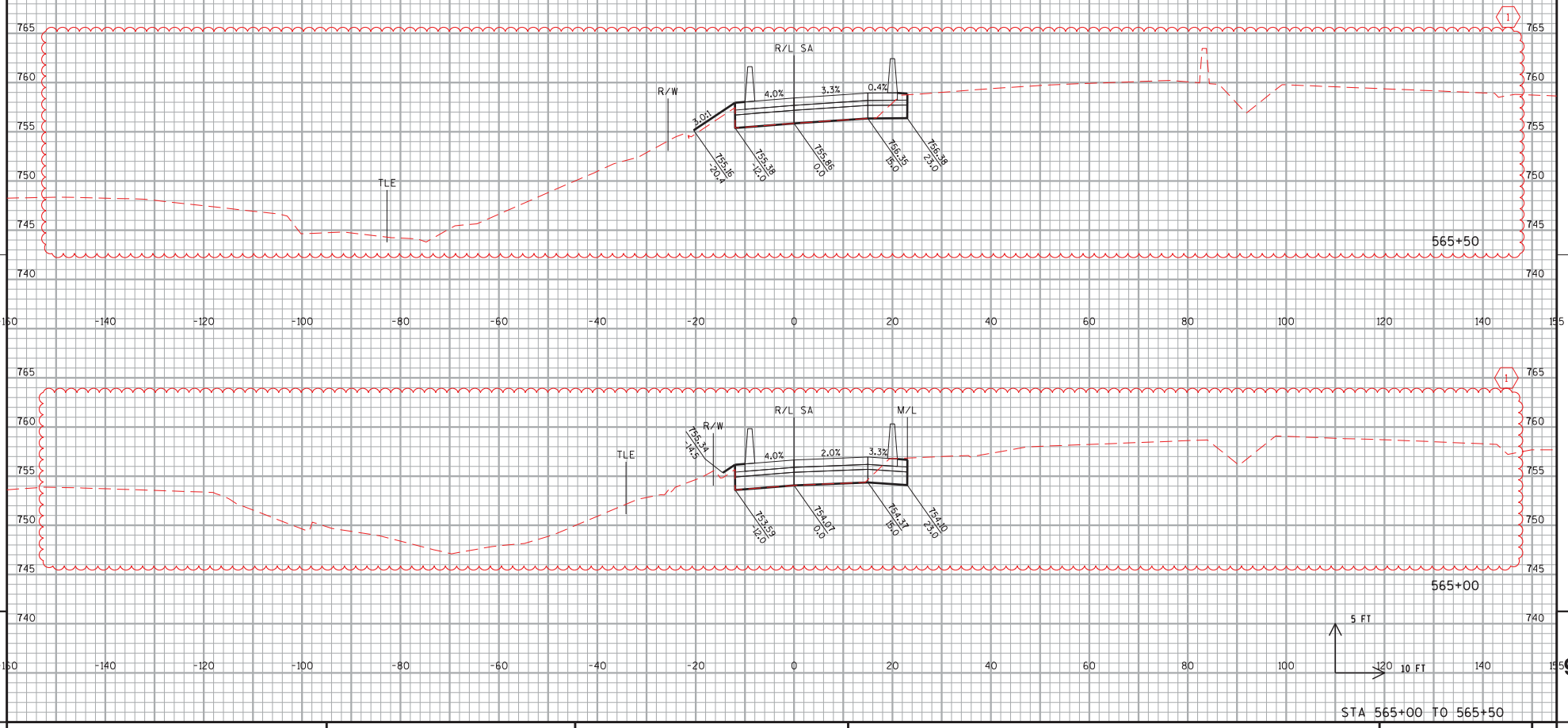
9 9

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP SA	SHEET 5876	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090416_xs_SA.dgn PLOT DATE : 11-AUG-2015 11:24 PLOT BY : mscsxp PLOT NAME : 090416_xs_SA2 PLOT SCALE : 20:1

ALL WORK STAGE 6

Addendum No. 01
ID 1060-33-81
Revised Sheet 5877
August 17, 2015

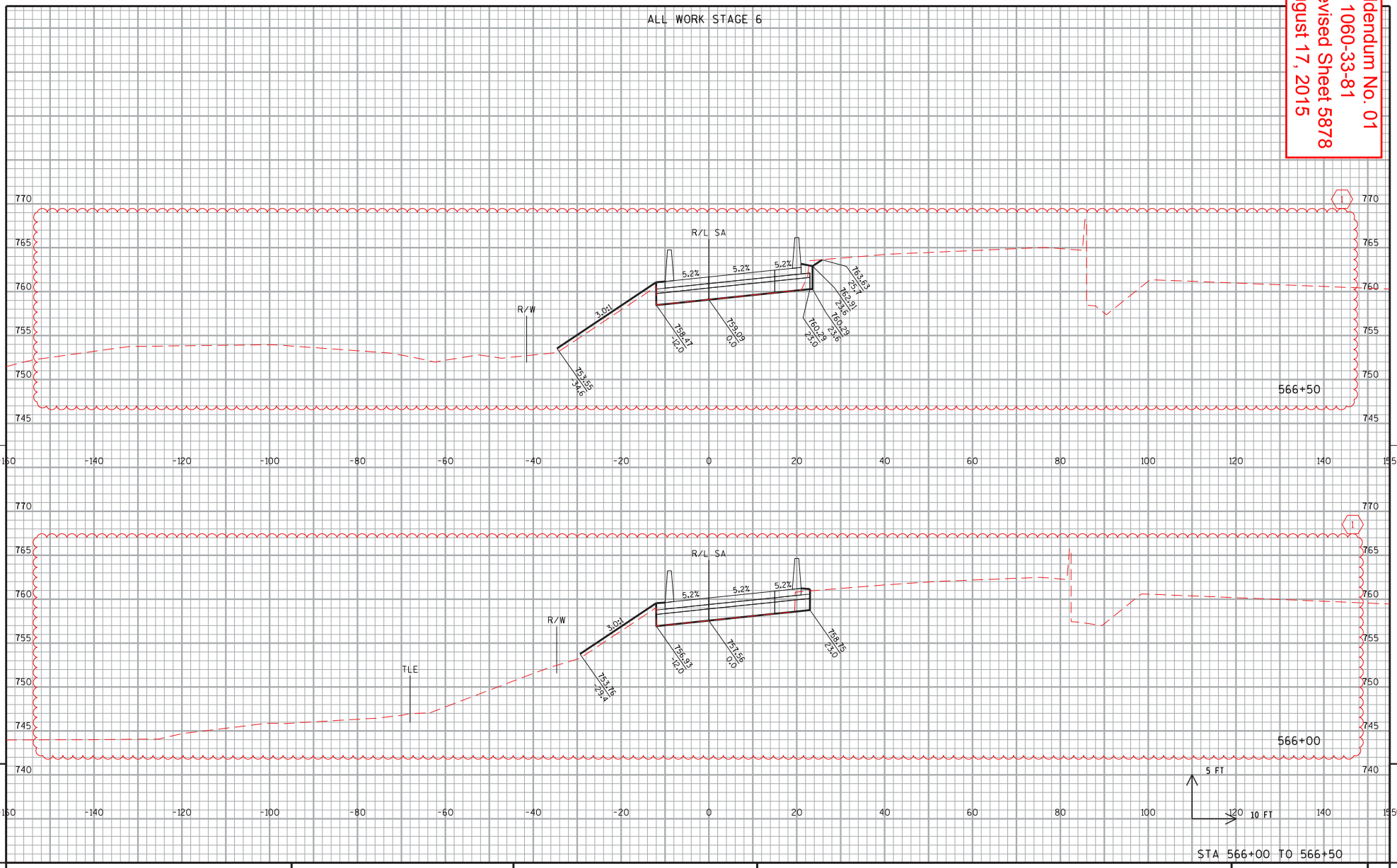


PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP SA	SHEET 5877	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090416_xs_SA.dgn PLOT DATE : 11-AUG-2015 11:24 PLOT BY : mscsxp PLOT NAME : 090416_xs_SA3 PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 5878
August 17, 2015

ALL WORK STAGE 6



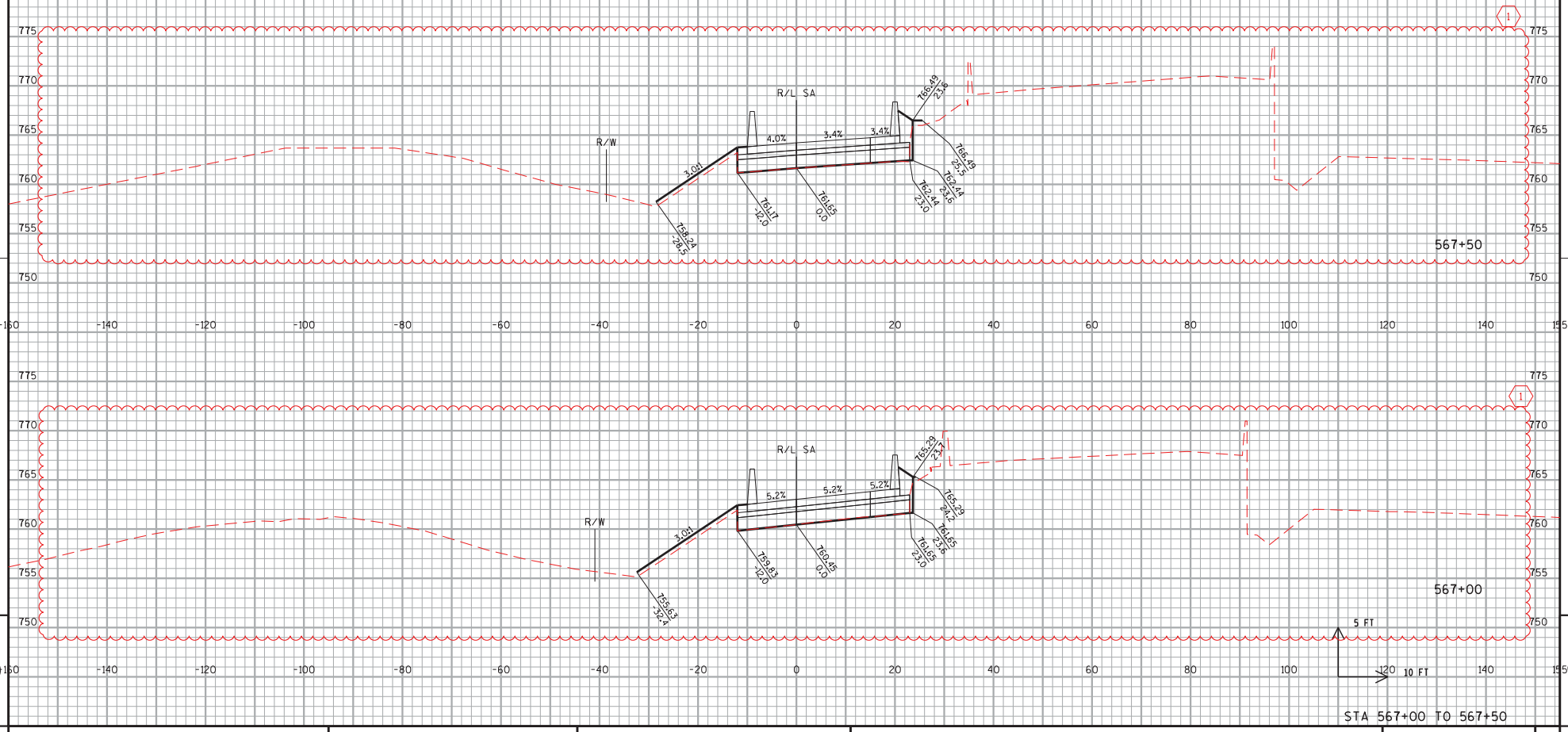
STA 566+00 TO 566+50

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP SA	SHEET 5878	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090416_xs_SA.dgn PLOT DATE : 11-AUG-2015 11:24 PLOT BY : mscsxp PLOT NAME : 090416_xs_SA4 PLOT SCALE : 20:1

ALL WORK STAGE 6

Addendum No. 01
ID 1060-33-81
Revised Sheet 5879
August 17, 2015



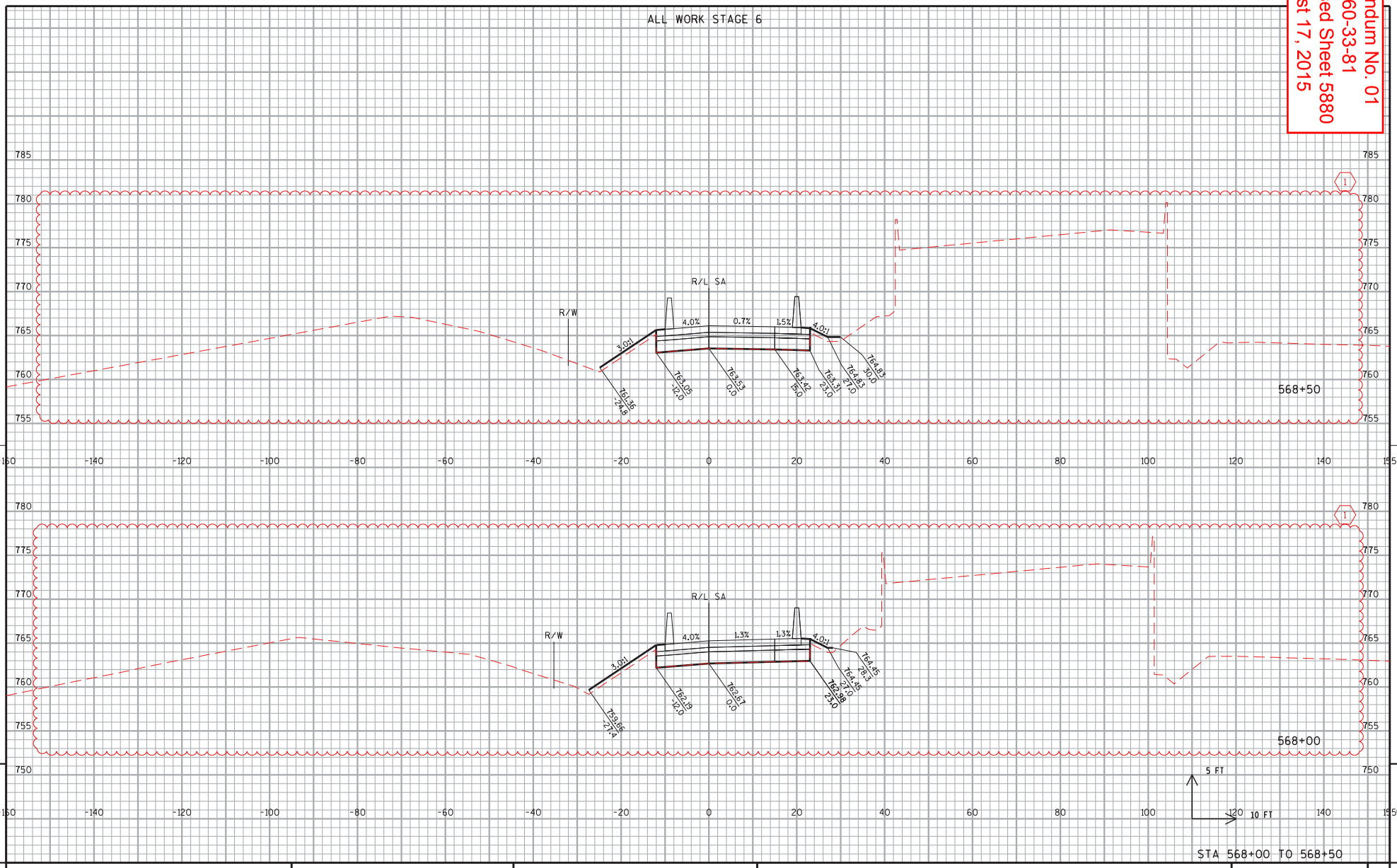
STA 567+00 TO 567+50

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP SA	SHEET 5879	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090416_xs_SA.dgn
PLOT DATE : 11-AUG-2015 11:25
PLOT BY : mscsxp
PLOT NAME : 090416_xs_SA5
PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 5880
August 17, 2015

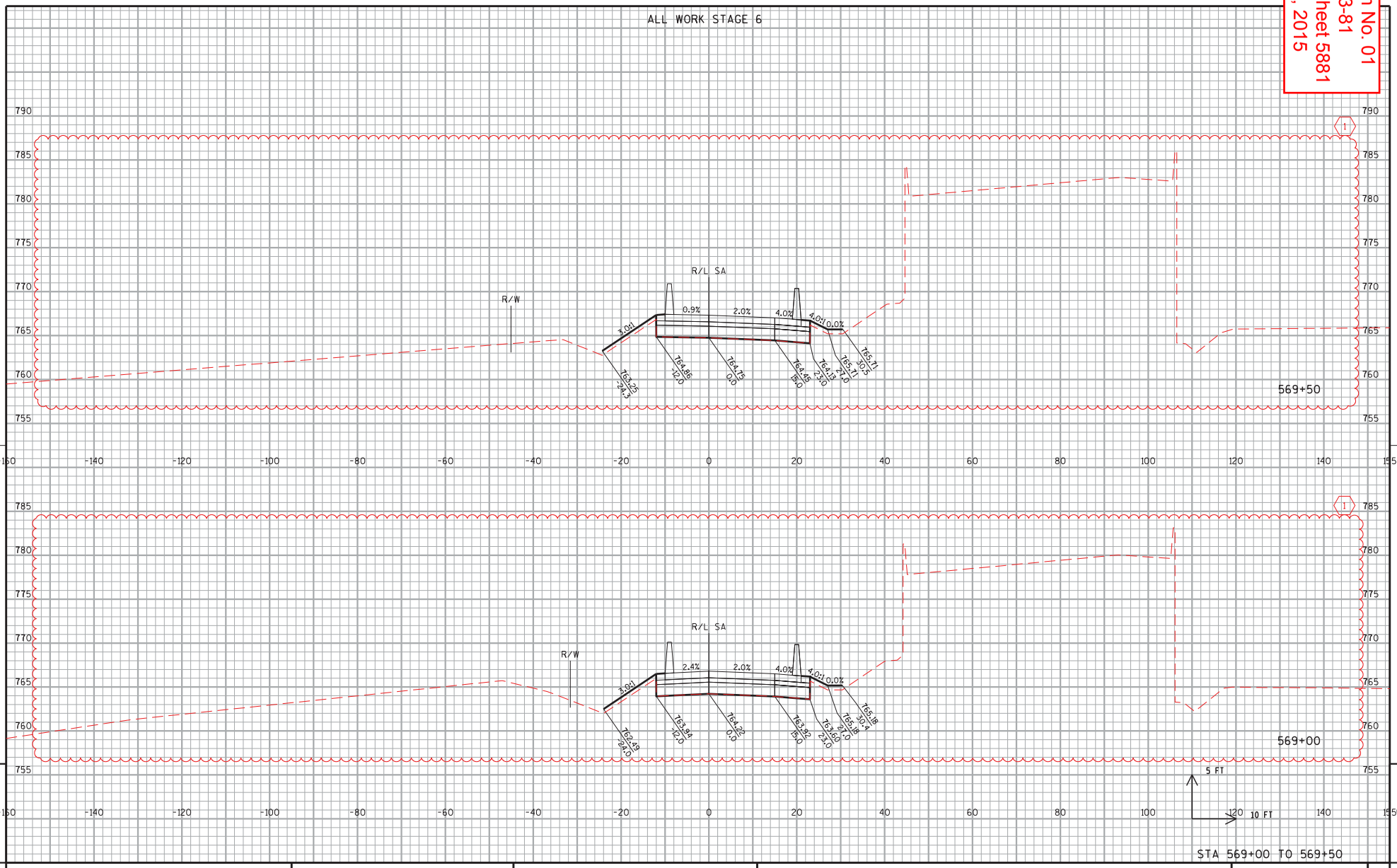
ALL WORK STAGE 6



PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP SA	SHEET 5880	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090416_xs_SA.dgn PLOT DATE : 11-AUG-2015 11:25 PLOT BY : mscsxp PLOT NAME : 090416_xs_SA6 PLOT SCALE : 20:1

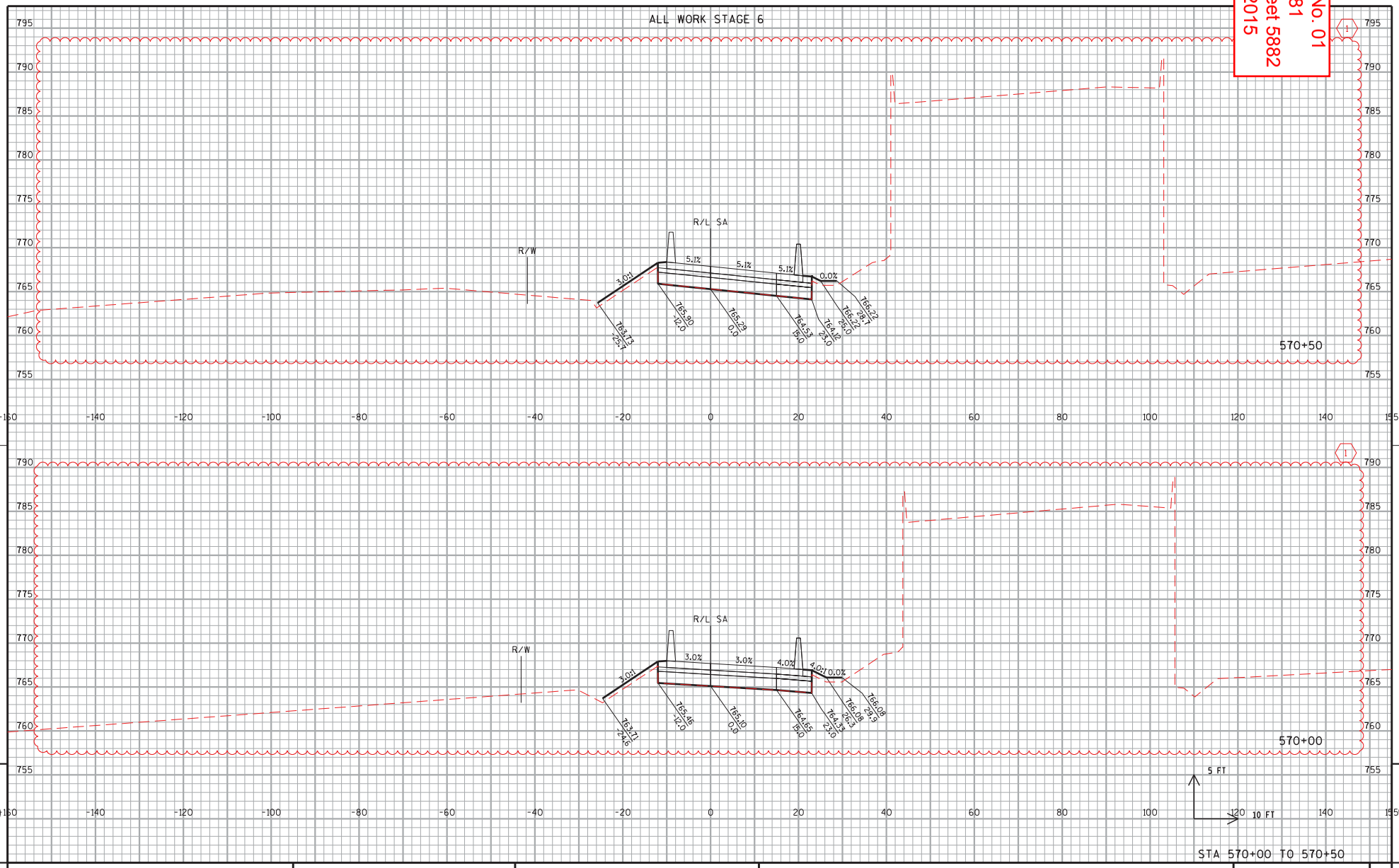
Addendum No. 01
ID 1060-33-81
Revised Sheet 5881
August 17, 2015



PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP SA	SHEET 5881	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090416_xs_SA.dgn PLOT DATE : 11-AUG-2015 11:25 PLOT BY : mscsxp PLOT NAME : 090416_xs_SA7 PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 5882
August 17, 2015



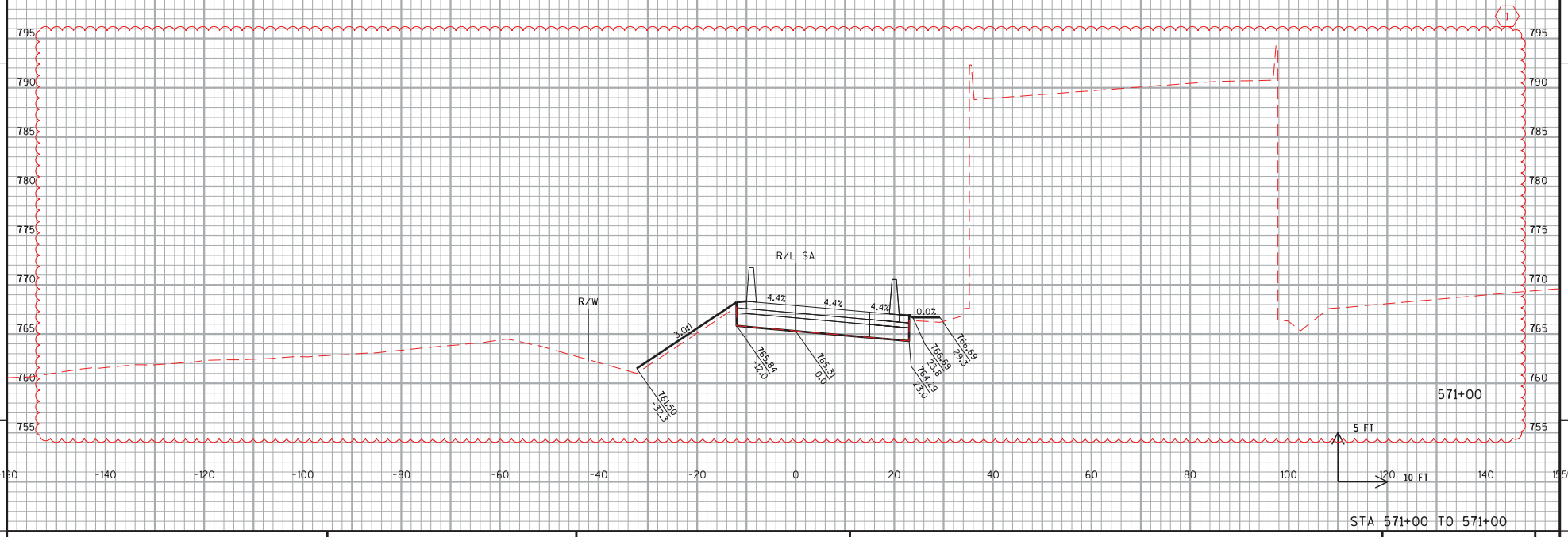
PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP SA	SHEET 5882	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090416_xs_SA.dgn PLOT DATE : 11-AUG-2015 11:25 PLOT BY : mscsxp PLOT NAME : 090416_xs_SA8 PLOT SCALE : 20:1

WISDOT/CADDS SHEET 21

ALL WORK STAGE 6

Addendum No. 01
ID 1060-33-81
Revised Sheet 5883
August 17, 2015

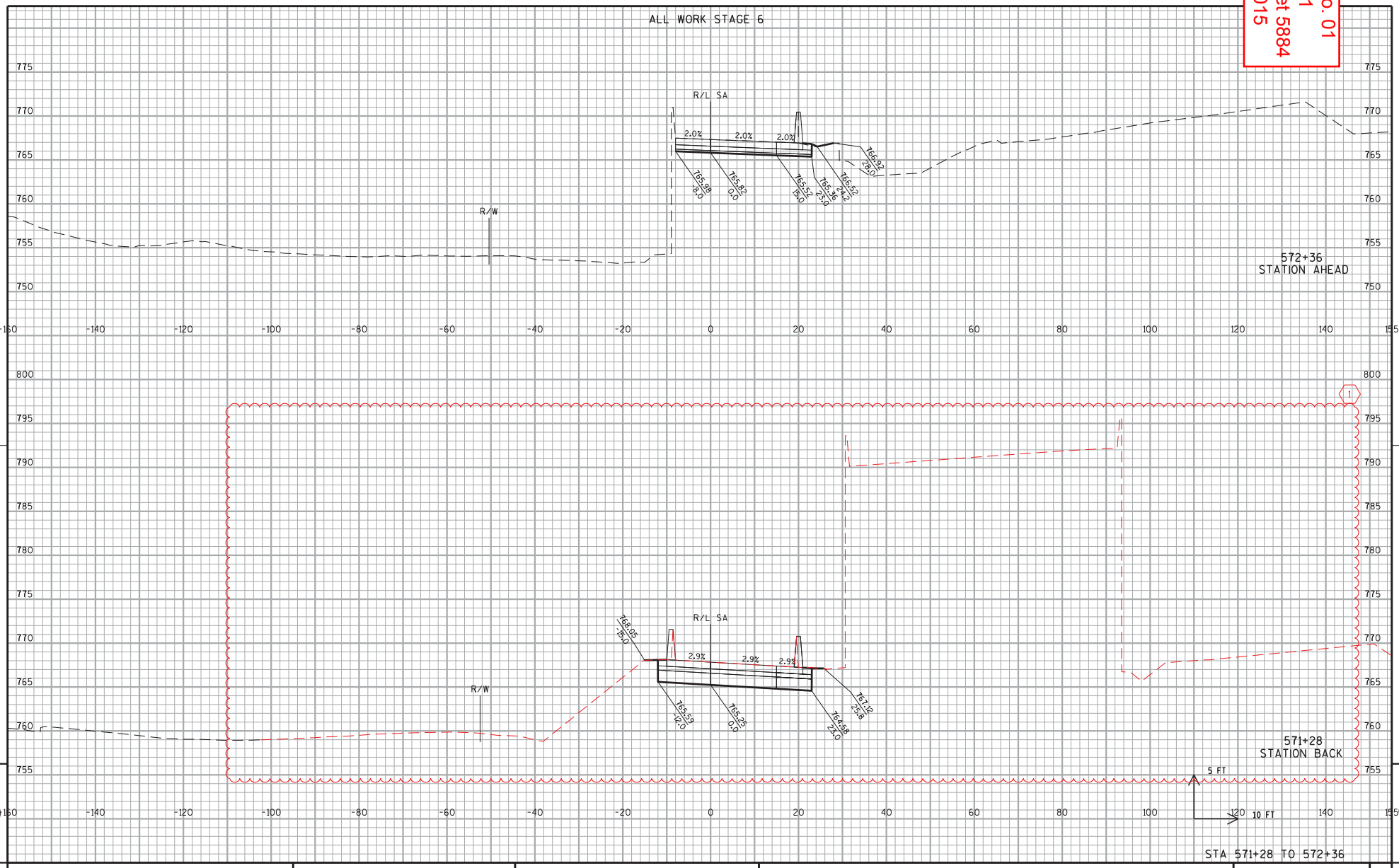


STA 571+00 TO 571+00

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP SA	SHEET 5883	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090416_xs_SA.dgn PLOT DATE : 11-AUG-2015 11:25 PLOT BY : mscsxp PLOT NAME : 090416_xs_SA9 PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 5884
August 17, 2015



9 9

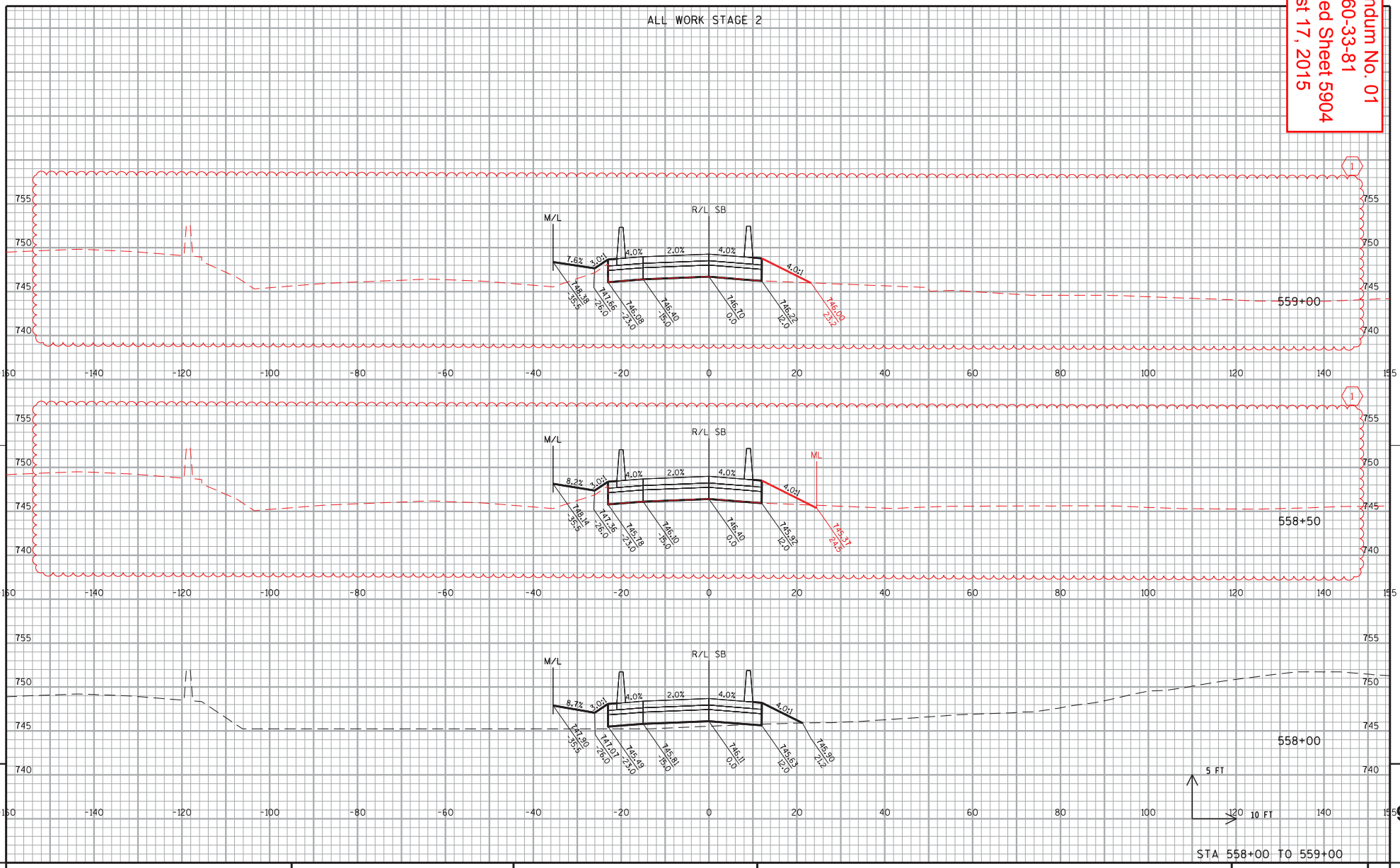
PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP SA	SHEET 5884	E

STA 571+28 TO 572+36

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090416_xs_SA.dgn PLOT DATE : 11-AUG-2015 11:25 PLOT BY : mscsxp PLOT NAME : 090416_xs_SA10 PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 5904
August 17, 2015

ALL WORK STAGE 2



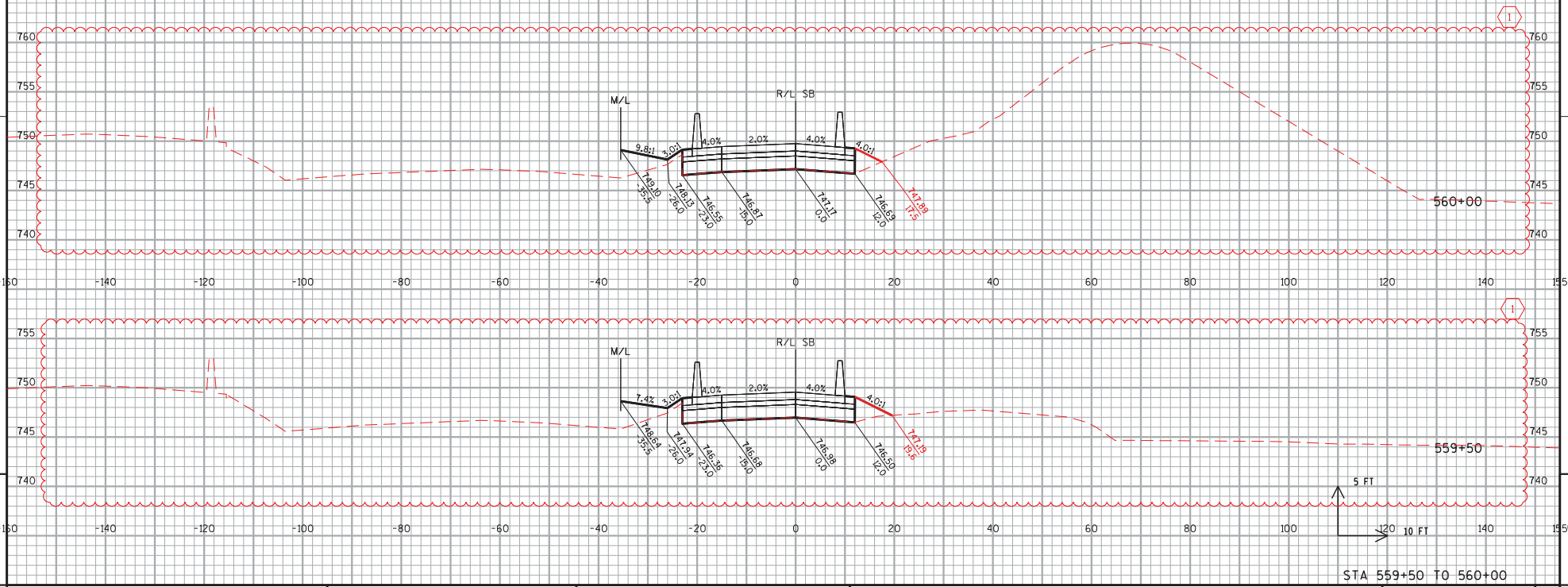
STA 558+00 TO 559+00

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP SB	SHEET 5904	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090417_xs_SB.dgn PLOT DATE : 11-AUG-2015 11:03 PLOT BY : mscsxp PLOT NAME : 090417_xs_SB11 PLOT SCALE : 20:1

ALL WORK STAGE 2

Addendum No. 01
ID 1060-33-81
Revised Sheet 5905
August 17, 2015



STA 559+50 TO 560+00

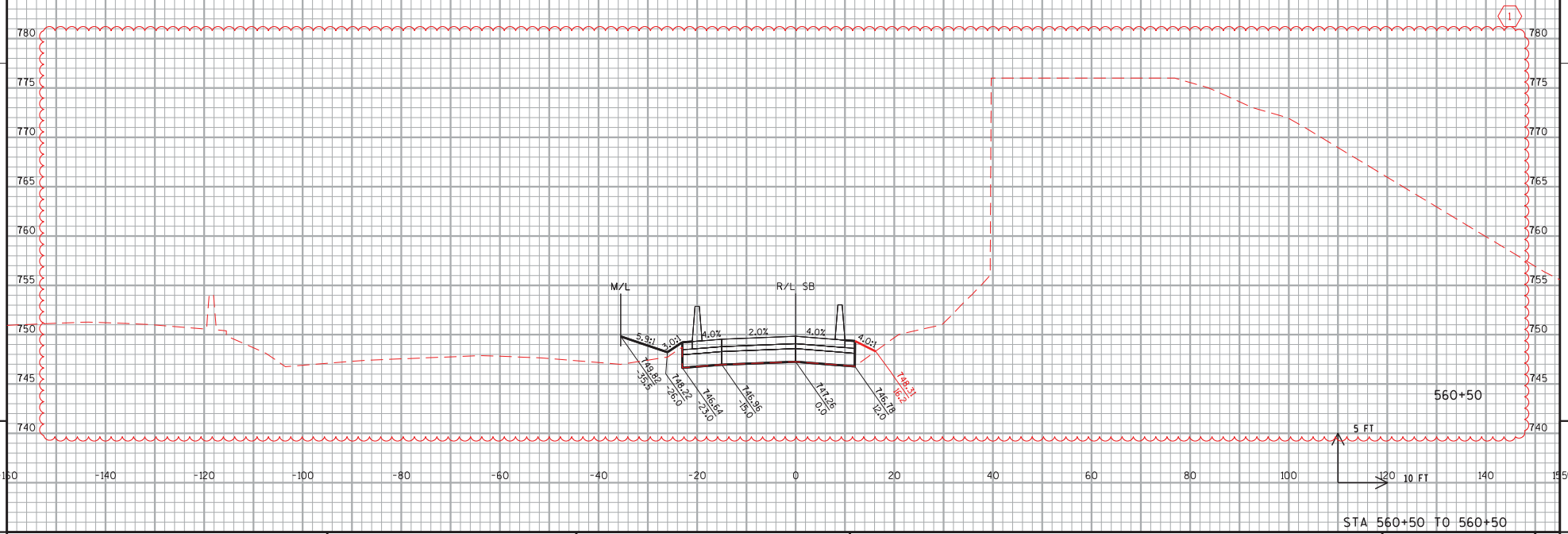
PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP SB	SHEET 5905	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090417_xs_SB.dgn PLOT DATE : 11-AUG-2015 11:03 PLOT BY : mscsxp PLOT NAME : 090417_xs_SB12 PLOT SCALE : 20:1

WISDOT/CADDS SHEET 21

ALL WORK STAGE 2

Addendum No. 01
ID 1060-33-81
Revised Sheet 5906
August 17, 2015

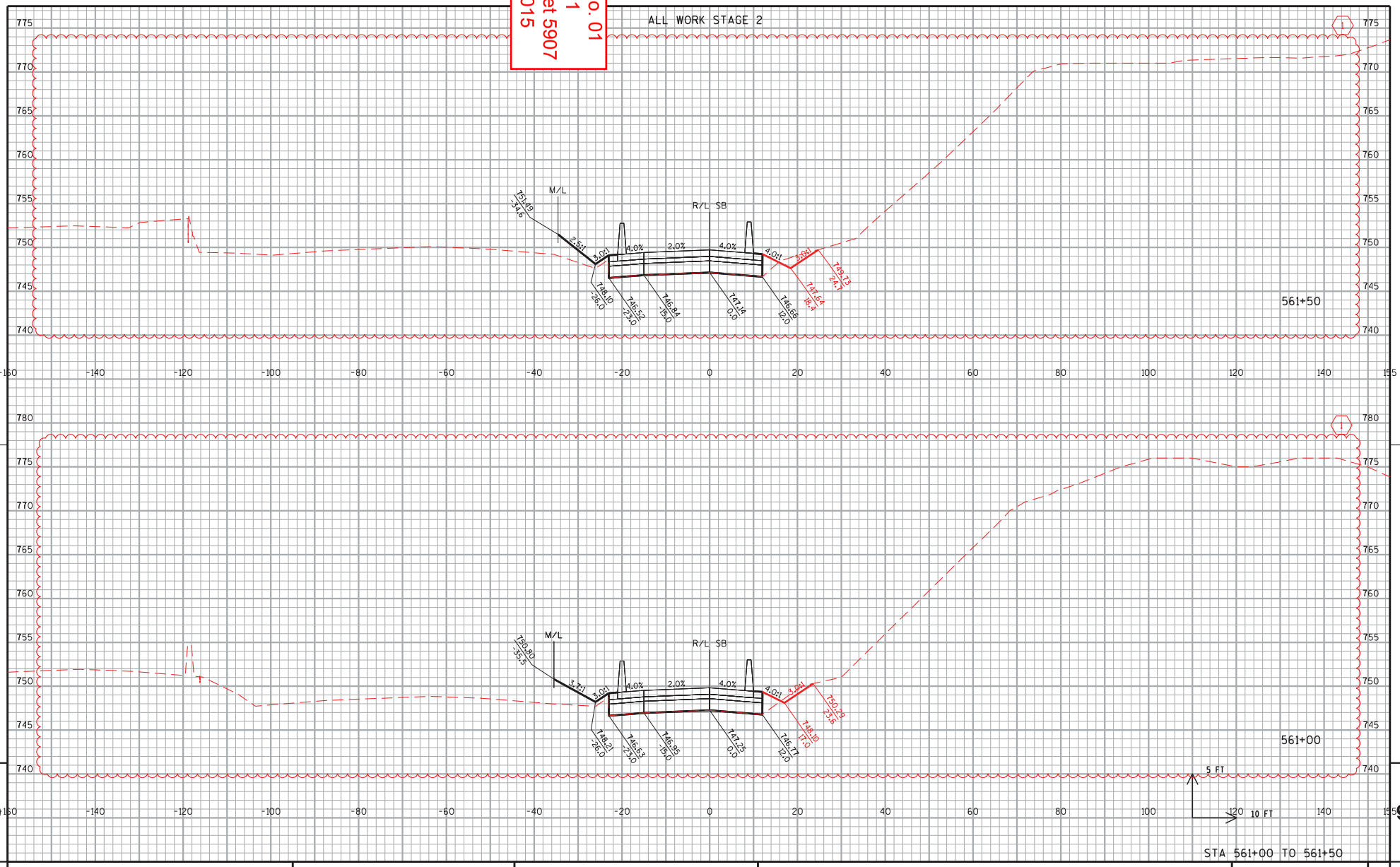


PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP SB	SHEET 5906	E

STA 560+50 TO 560+50

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090417_xs_SB.dgn PLOT DATE : 11-AUG-2015 11:03 PLOT BY : mscsxp PLOT NAME : 090417_xs_SB13 PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 5907
August 17, 2015



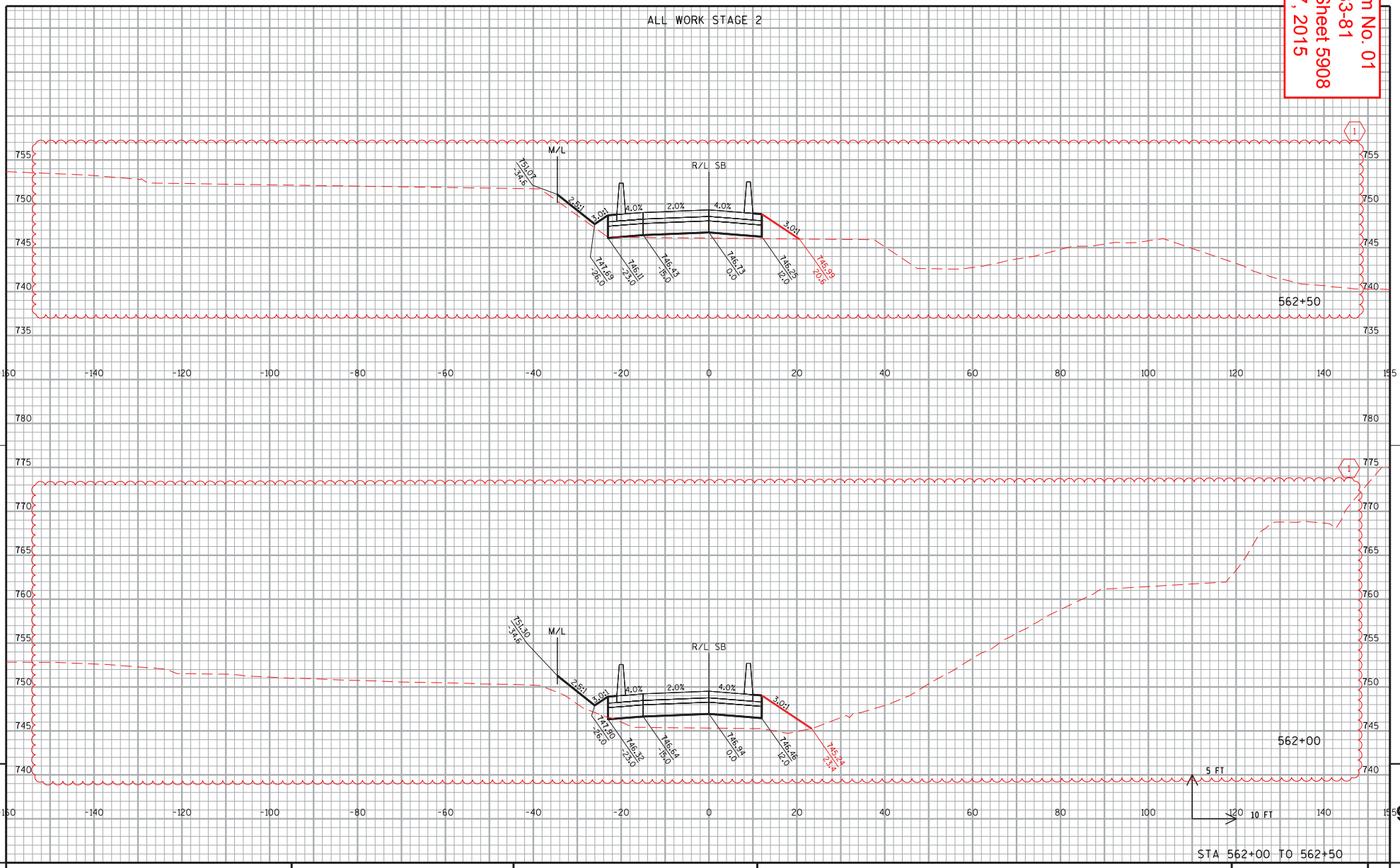
9 9

STA 561+00 TO 561+50

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP SB	SHEET 5907	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090417_xs_SB.dgn
PLOT DATE : 11-AUG-2015 11:03
PLOT BY : mscsxp
PLOT NAME : 090417_xs_SB14
PLOT SCALE : 20:1
WISDOT/CADDS SHEET 21

Addendum No. 01
ID 1060-33-81
Revised Sheet 5908
August 17, 2015

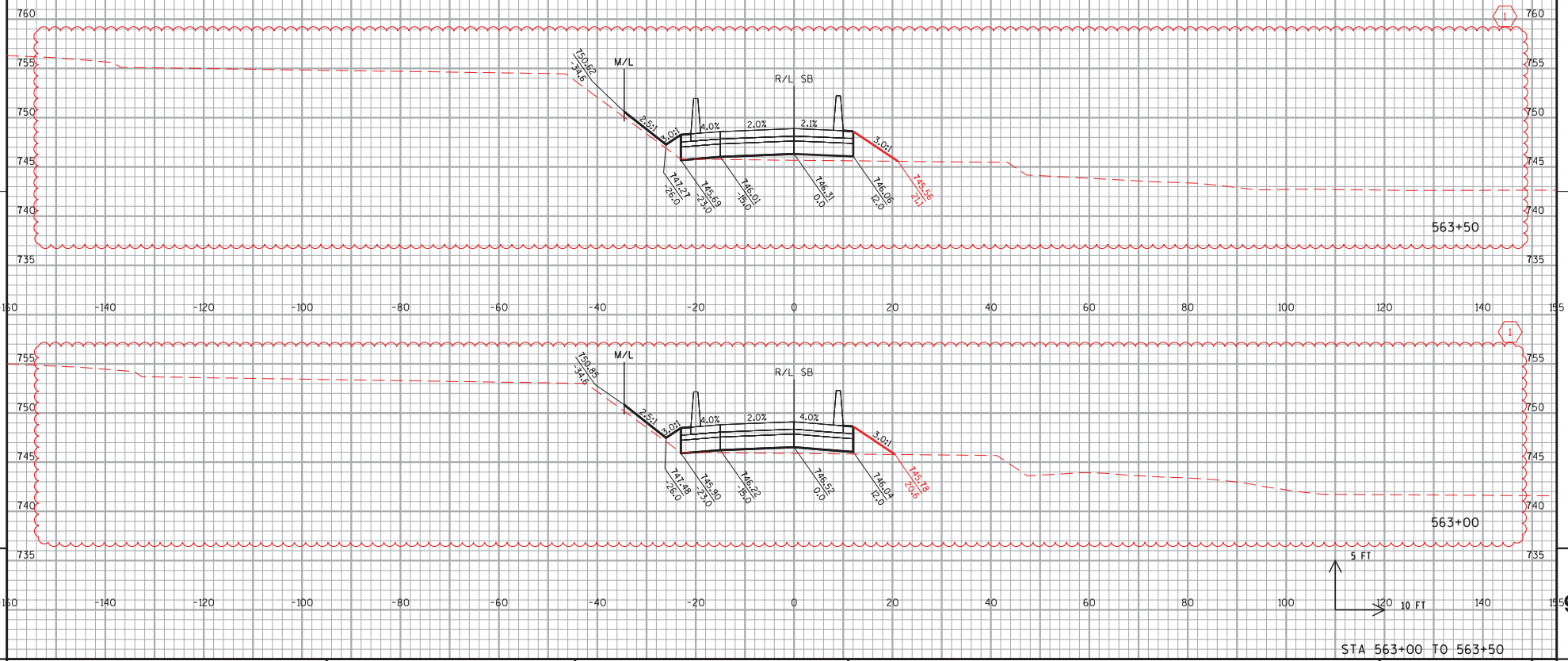


PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP SB	SHEET 5908	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090417_xs_SB.dgn PLOT DATE : 11-AUG-2015 11:03 PLOT BY : mscsxp PLOT NAME : 090417_xs_SB15 PLOT SCALE : 20:1

ALL WORK STAGE 2

Addendum No. 01
ID 1060-33-81
Revised Sheet 5909
August 17, 2015



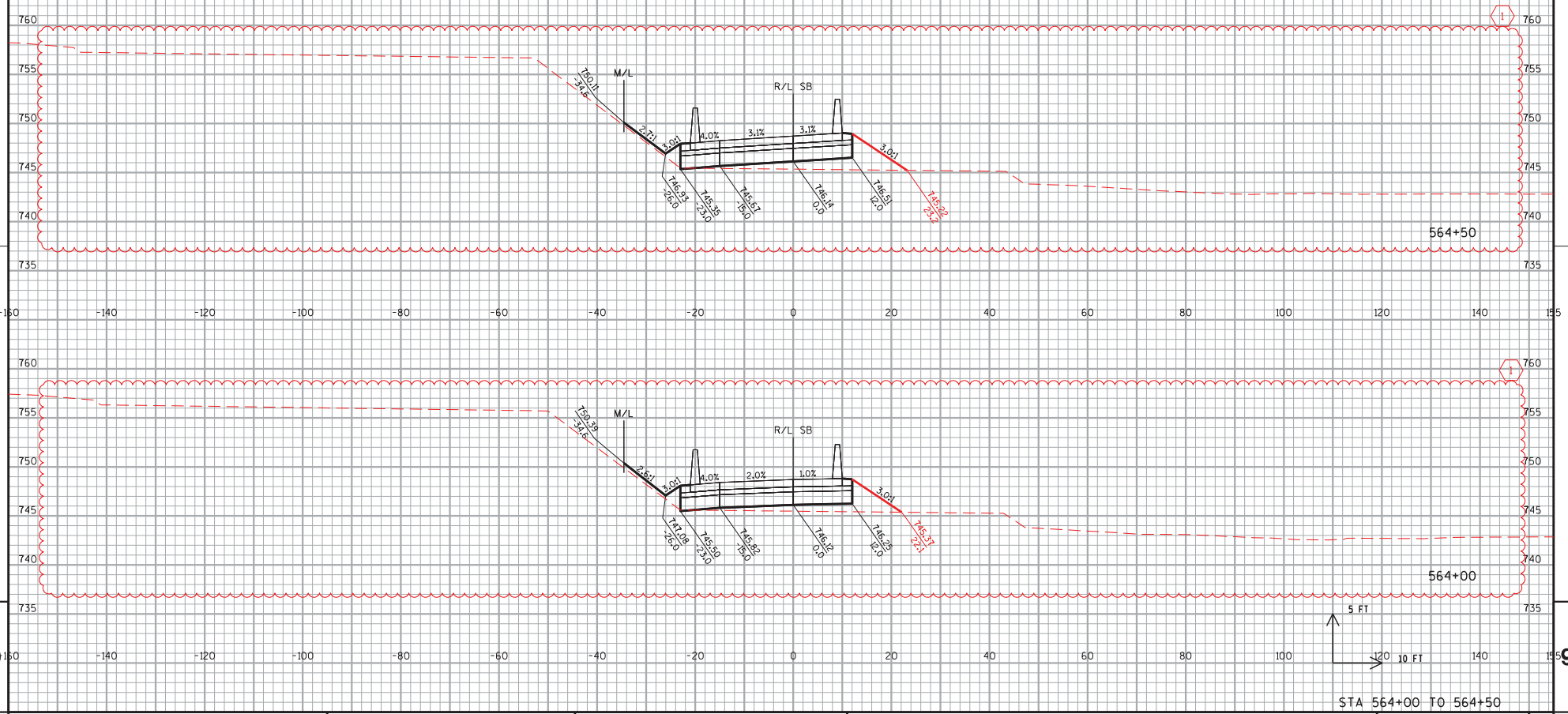
STA 563+00 TO 563+50

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP SB	SHEET 5909	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090417_xs_SB.dgn PLOT DATE : 11-AUG-2015 11:03 PLOT BY : mscsxp PLOT NAME : 090417_xs_SB16 PLOT SCALE : 20:1

ALL WORK STAGE 2

Addendum No. 01
ID 1060-33-81
Revised Sheet 5910
August 17, 2015



STA 564+00 TO 564+50

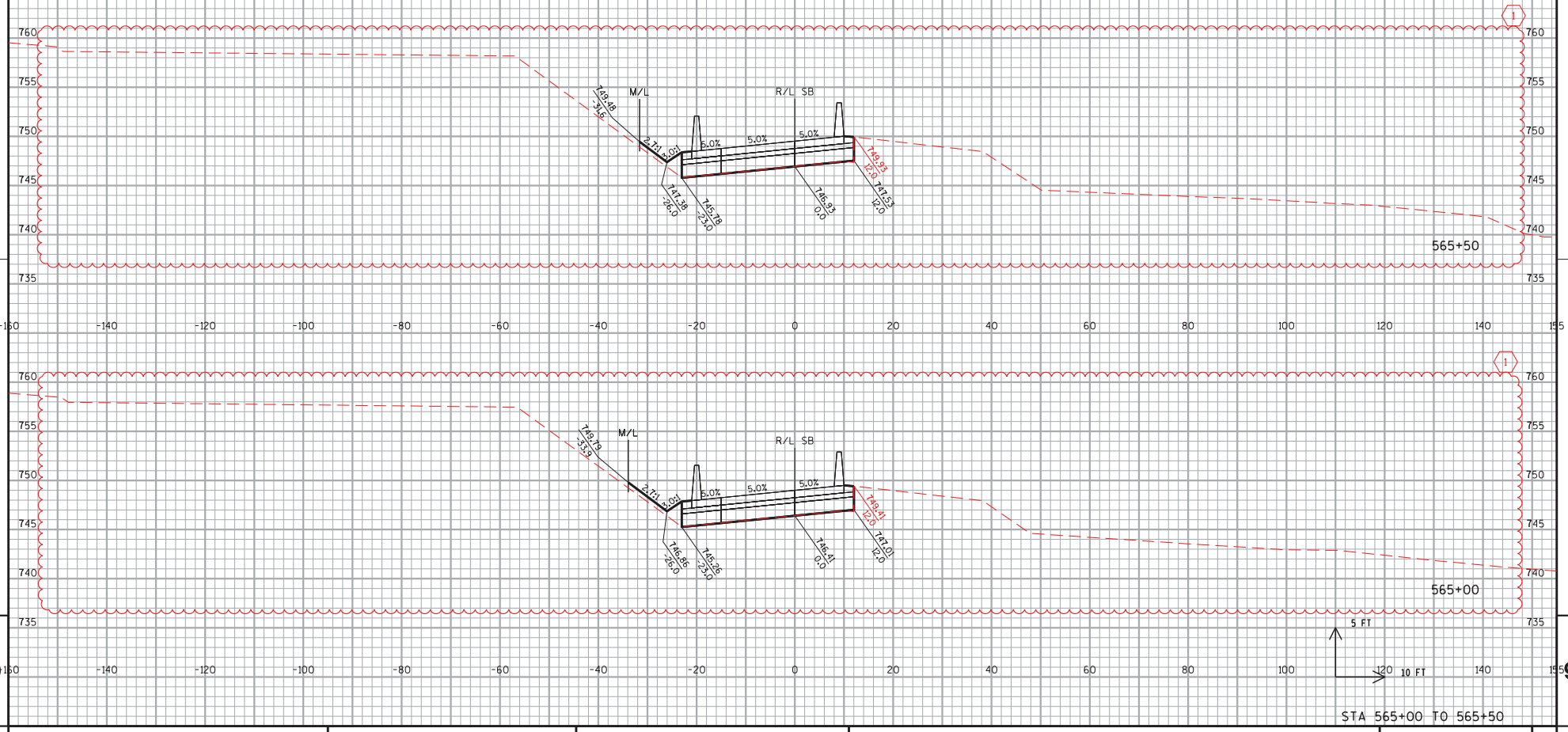
PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP SB	SHEET 5910	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090417_xs_SB.dgn PLOT DATE : 11-AUG-2015 11:03 PLOT BY : mscsxp PLOT NAME : 090417_xs_SB17 PLOT SCALE : 20:1

WISDOT/CADDS SHEET 21

Addendum No. 01
ID 1060-33-81
Revised Sheet 5911
August 17, 2015

ALL WORK STAGE 2

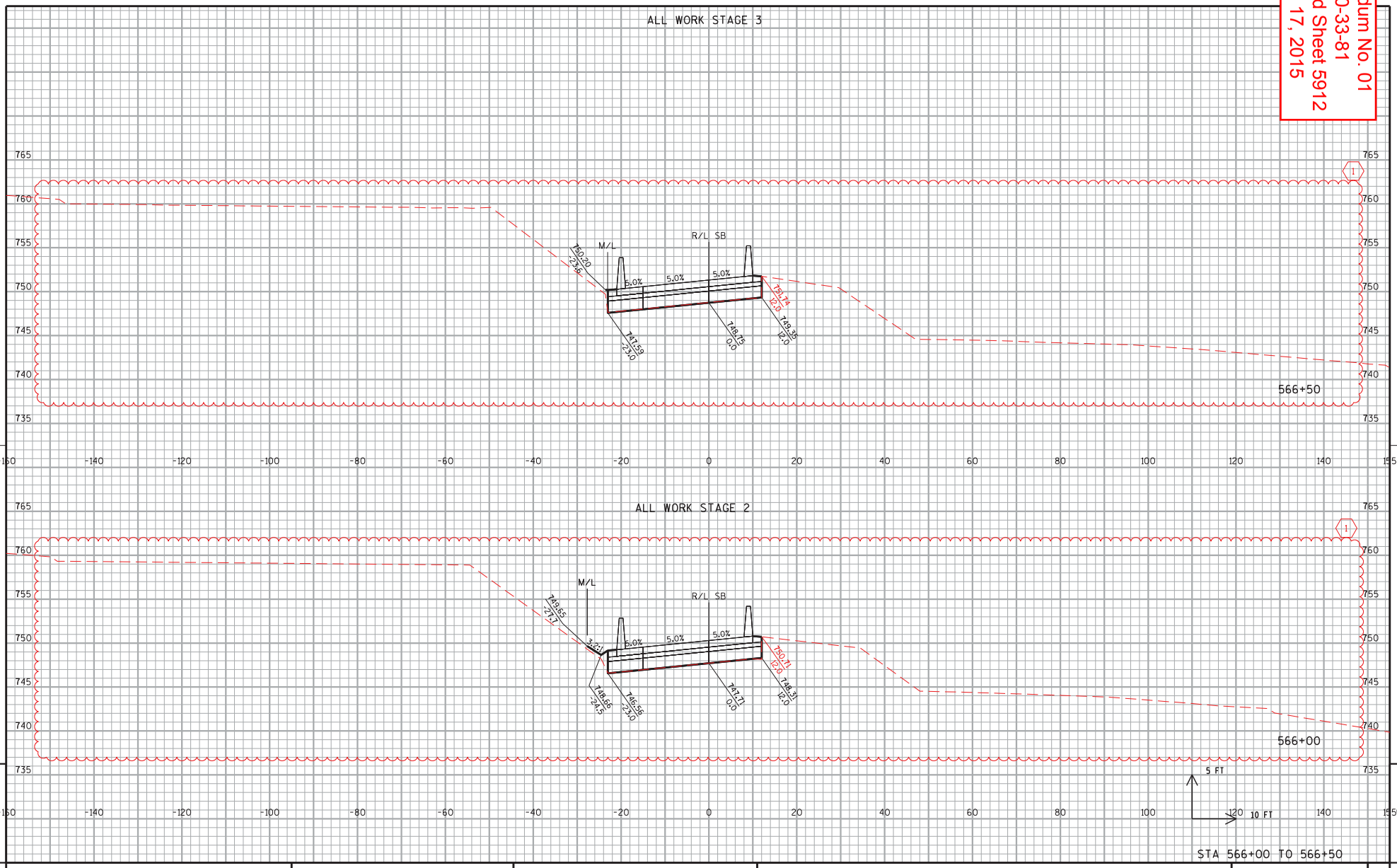


STA 565+00 TO 565+50

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP SB	SHEET 5911	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090417_xs_SB.dgn PLOT DATE : 11-AUG-2015 11:03 PLOT BY : mscsxp PLOT NAME : 090417_xs_SB18 PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 5912
August 17, 2015



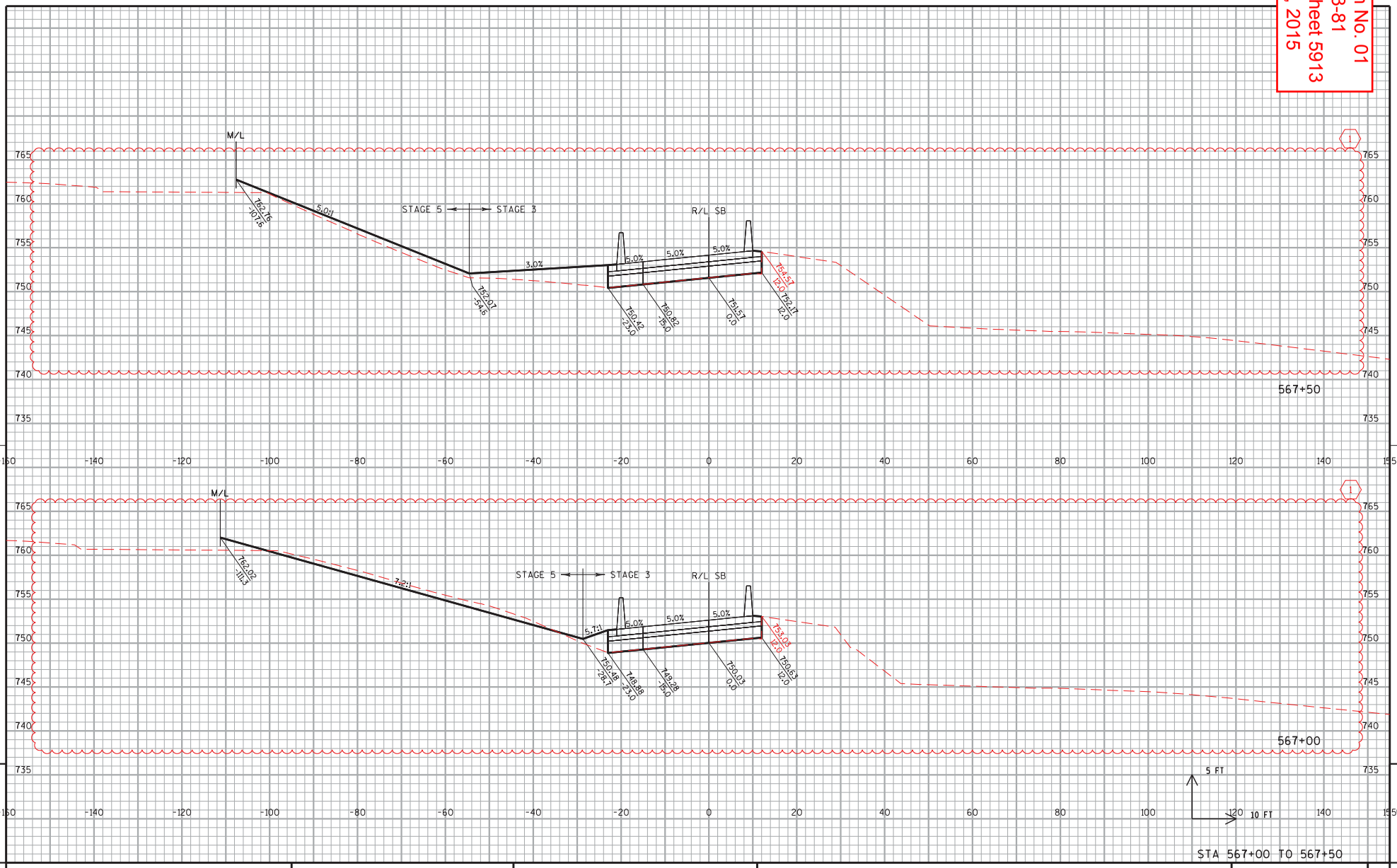
9 9

STA 566+00 TO 566+50

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP SB	SHEET 5912	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090417_xs_SB.dgn PLOT DATE : 11-AUG-2015 11:03 PLOT BY : mscsxp PLOT NAME : 090417_xs_SB19 PLOT SCALE : 20:1

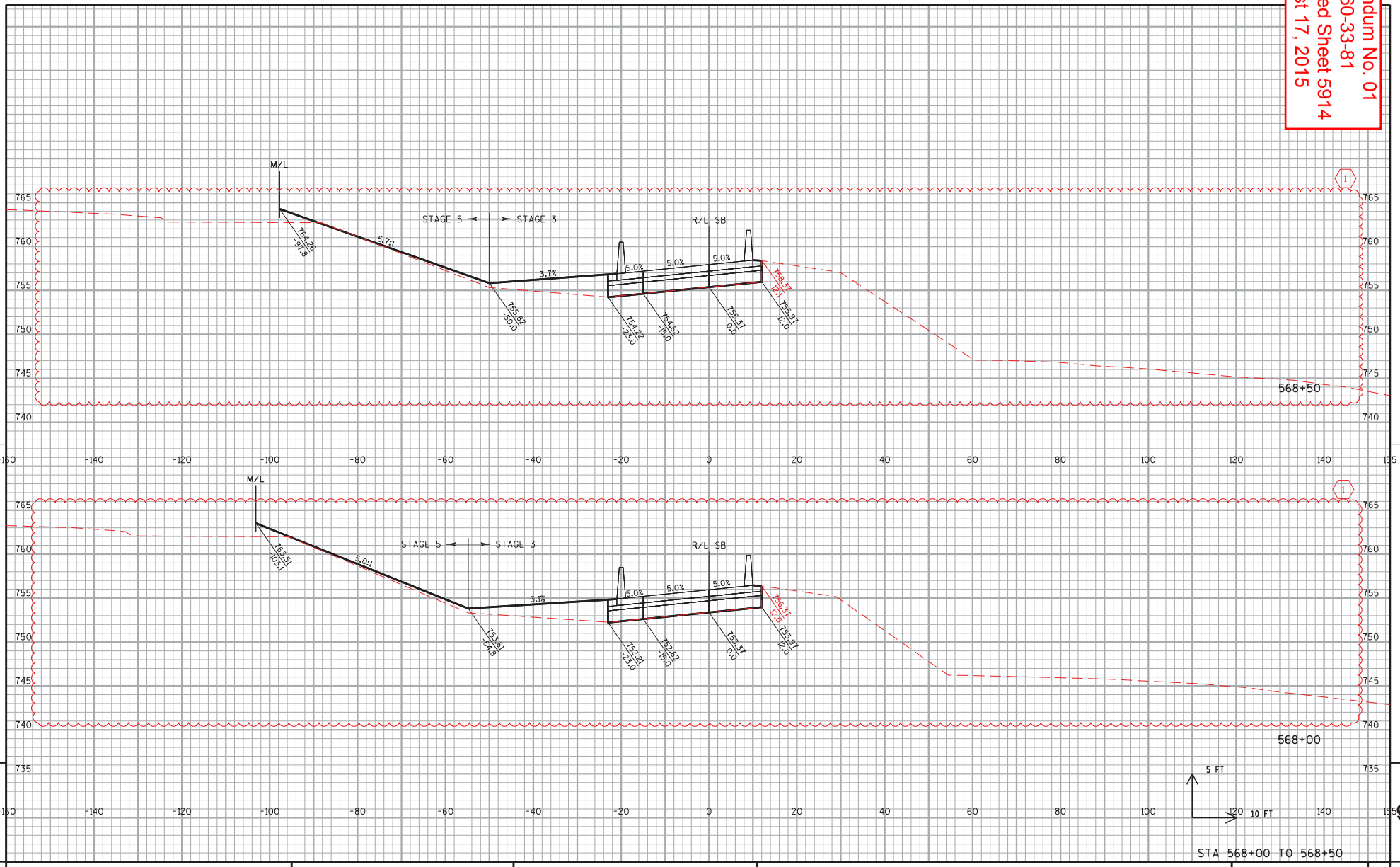
Addendum No. 01
ID 1060-33-81
Revised Sheet 5913
August 17, 2015



PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP SB	SHEET 5913	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090417_xs_SB.dgn PLOT DATE : 11-AUG-2015 11:03 PLOT BY : mscsxp PLOT NAME : 090417_xs_SB20 PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 5914
August 17, 2015

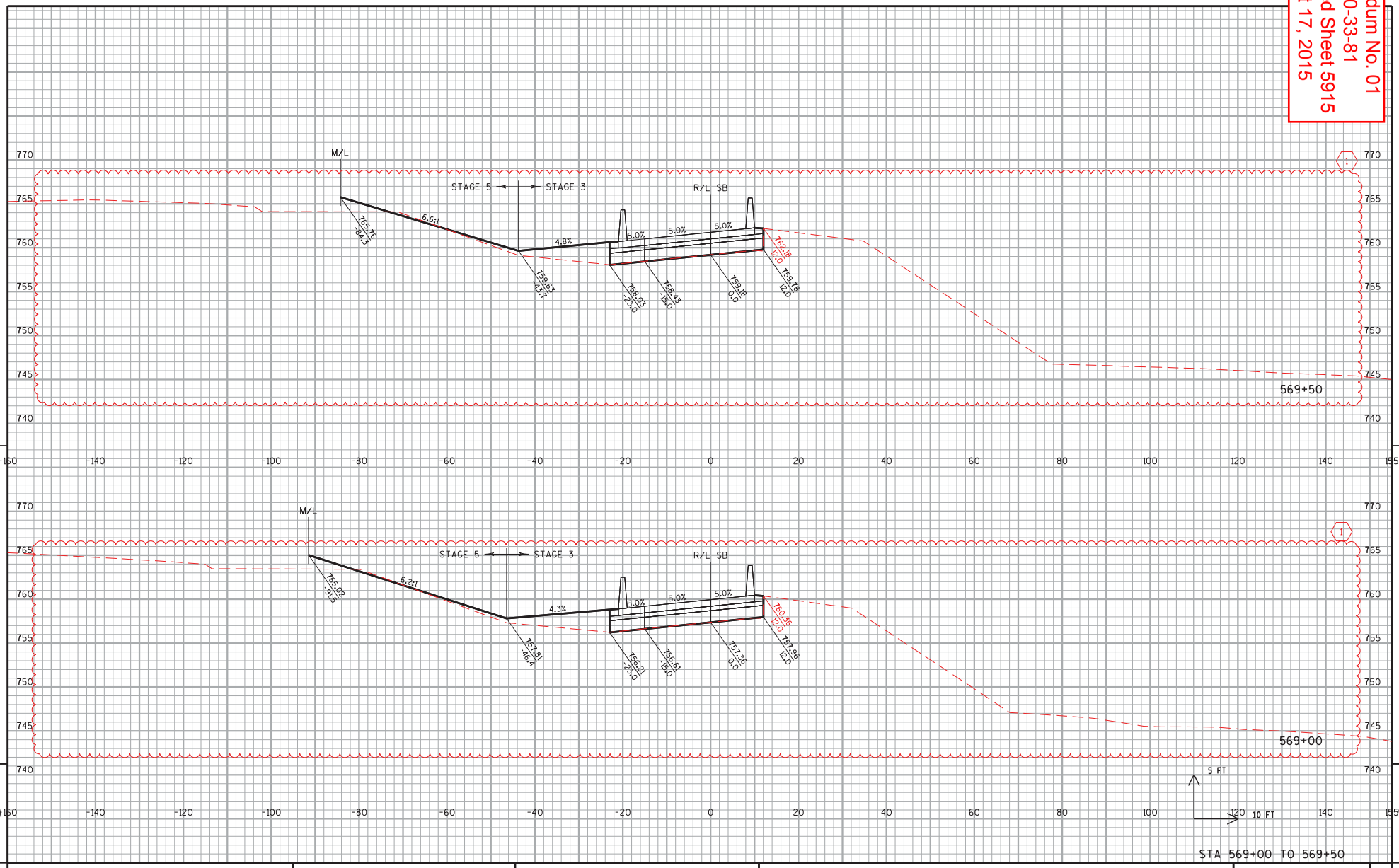


9 9

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP SB	SHEET 5914	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090417_xs_SB.dgn PLOT DATE : 11-AUG-2015 11:03 PLOT BY : mscsxp PLOT NAME : 090417_xs_SB21 PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 5915
August 17, 2015



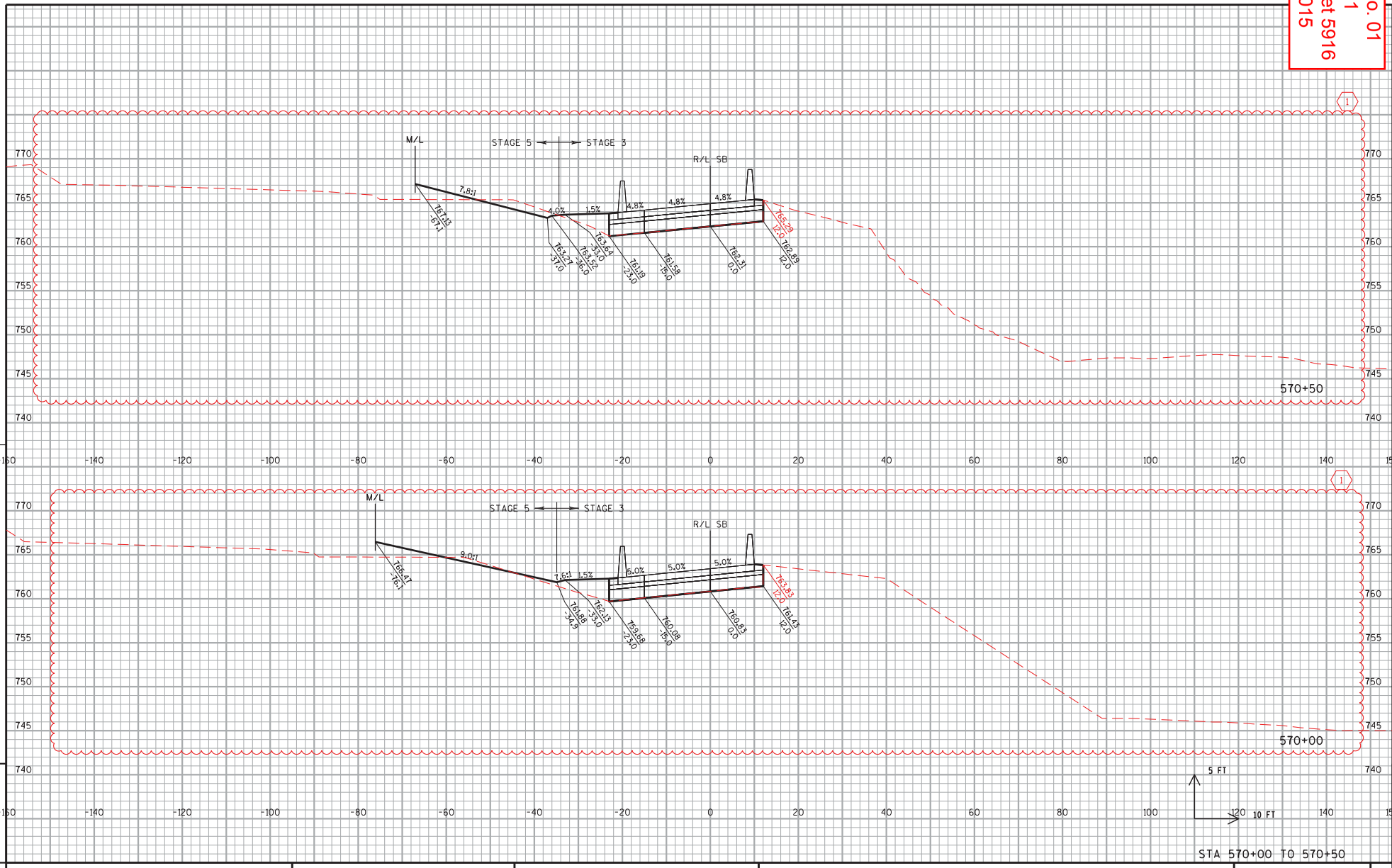
9 9

STA 569+00 TO 569+50

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP SB	SHEET 5915	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090417_xs_SB.dgn PLOT DATE : 11-AUG-2015 11:03 PLOT BY : mscsxp PLOT NAME : 090417_xs_SB22 PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 5916
August 17, 2015



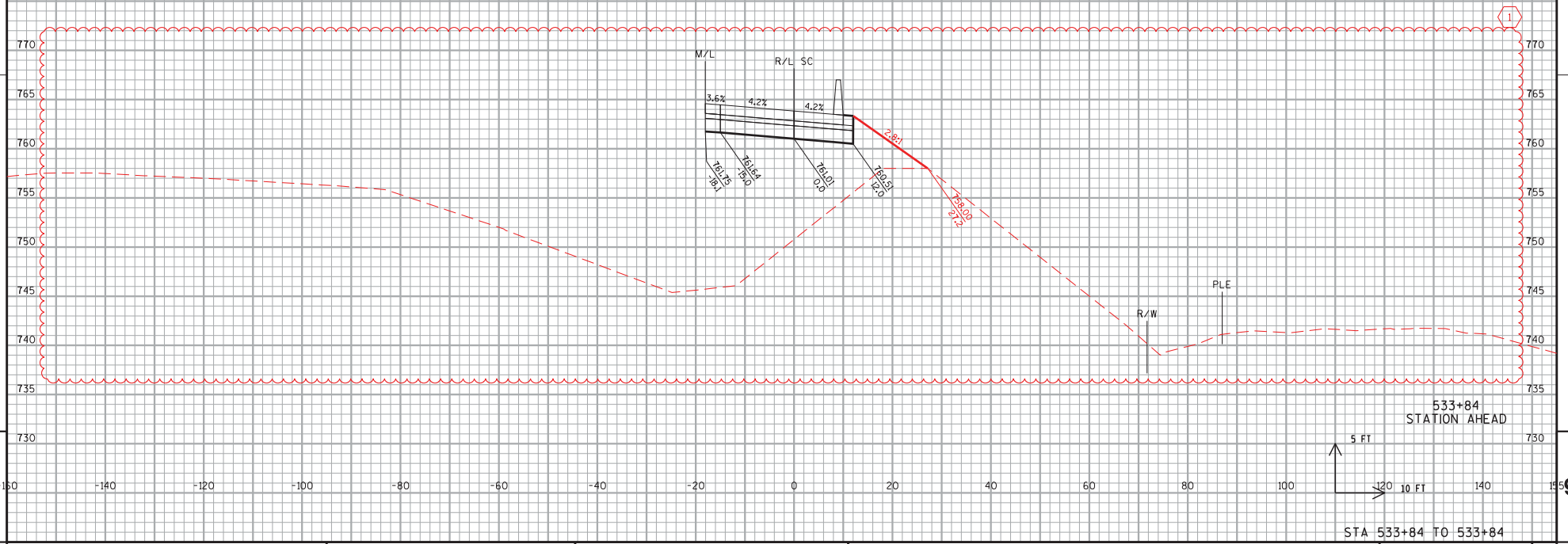
PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP SB	SHEET 5916	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090417_xs_SB.dgn PLOT DATE : 11-AUG-2015 11:03 PLOT BY : mscsxp PLOT NAME : 090417_xs_SB23 PLOT SCALE : 20:1

WISDOT/CADDS SHEET 21

ALL WORK STAGE 2

Addendum No. 01
ID 1060-33-81
Revised Sheet 5922
August 17, 2015



STA 533+84 TO 533+84

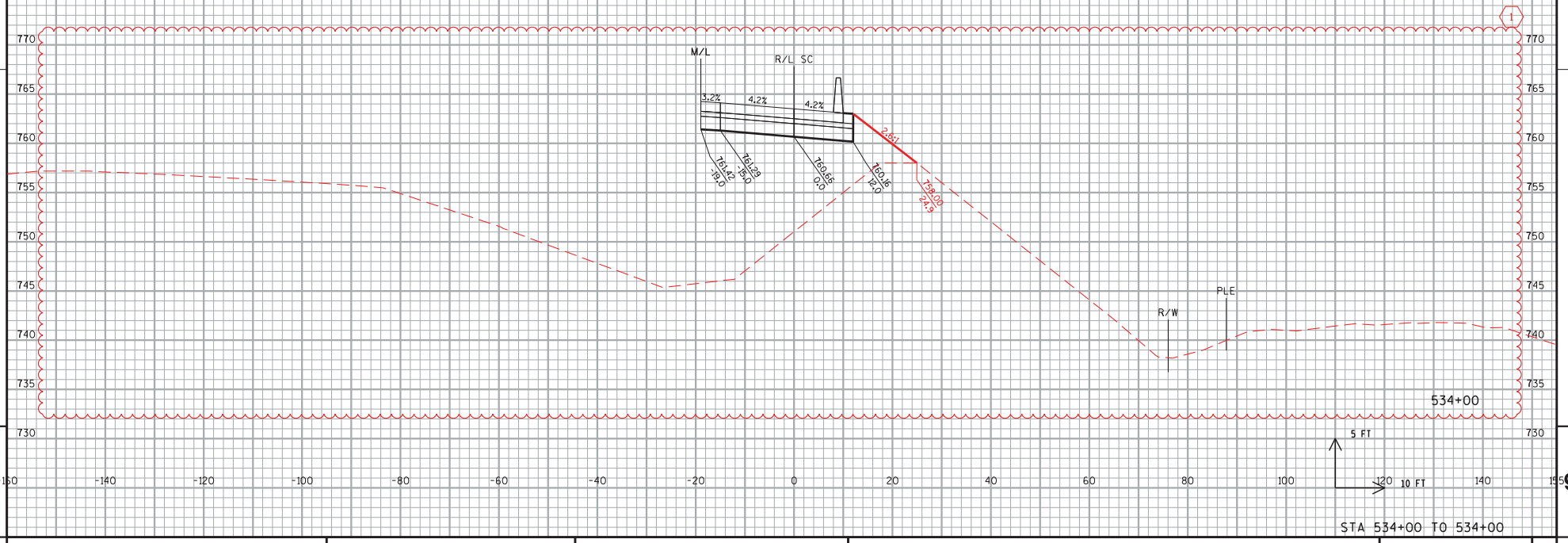
PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP SC	SHEET 5922	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090418_xs_SC.dgn PLOT DATE : 11-AUG-2015 13:13 PLOT BY : mscsxp PLOT NAME : 090418_xs_SC PLOT SCALE : 20:1

WISDOT/CADDS SHEET 21

ALL WORK STAGE 2

Addendum No. 01
ID 1060-33-81
Revised Sheet 5923
August 17, 2015



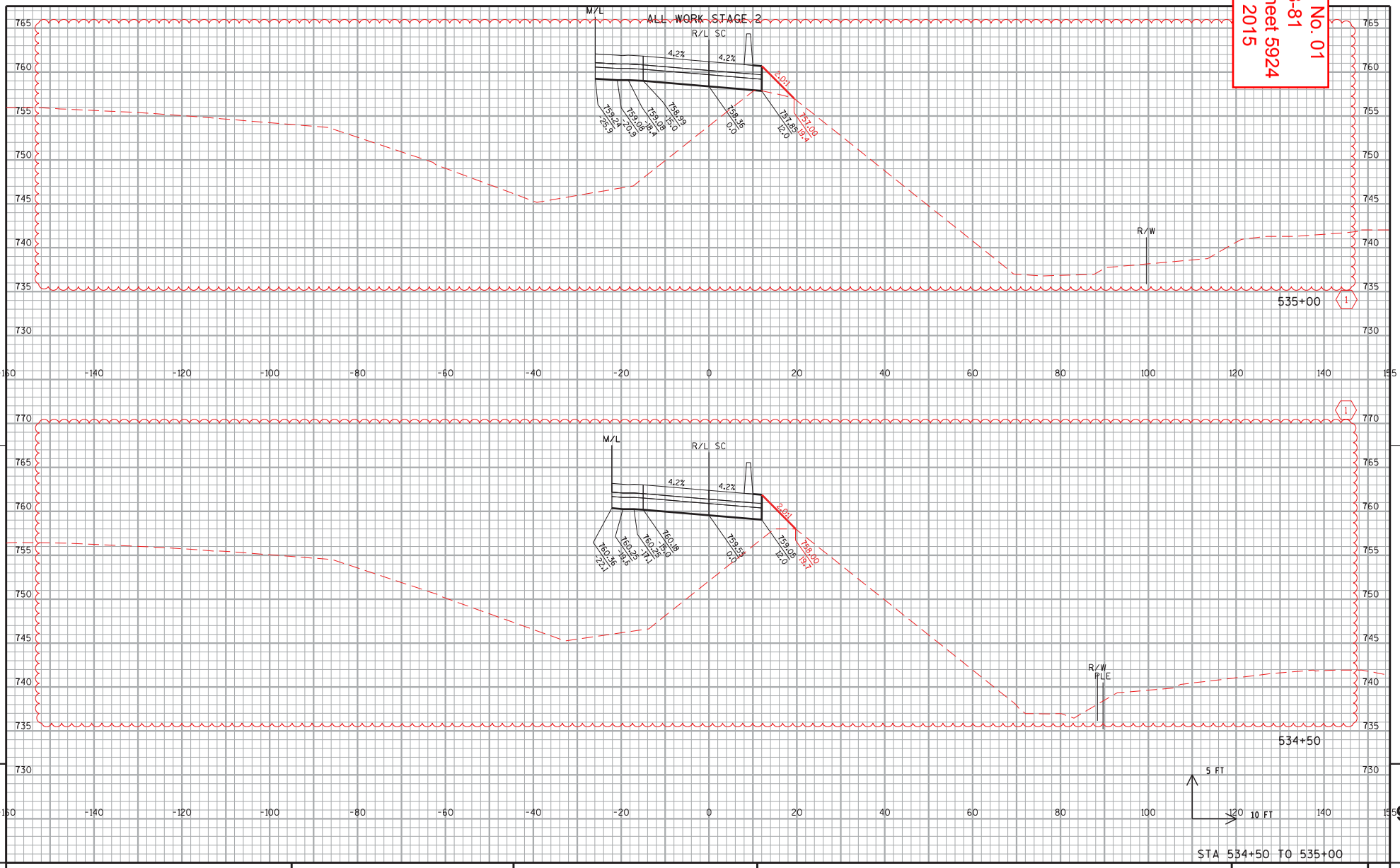
STA 534+00 TO 534+00

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP SC	SHEET 5923	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090418_xs_SC.dgn PLOT DATE : 11-AUG-2015 13:13 PLOT BY : mscsxp PLOT NAME : 090418_xs_SC1 PLOT SCALE : 20:1

WISDOT/CADDS SHEET 21

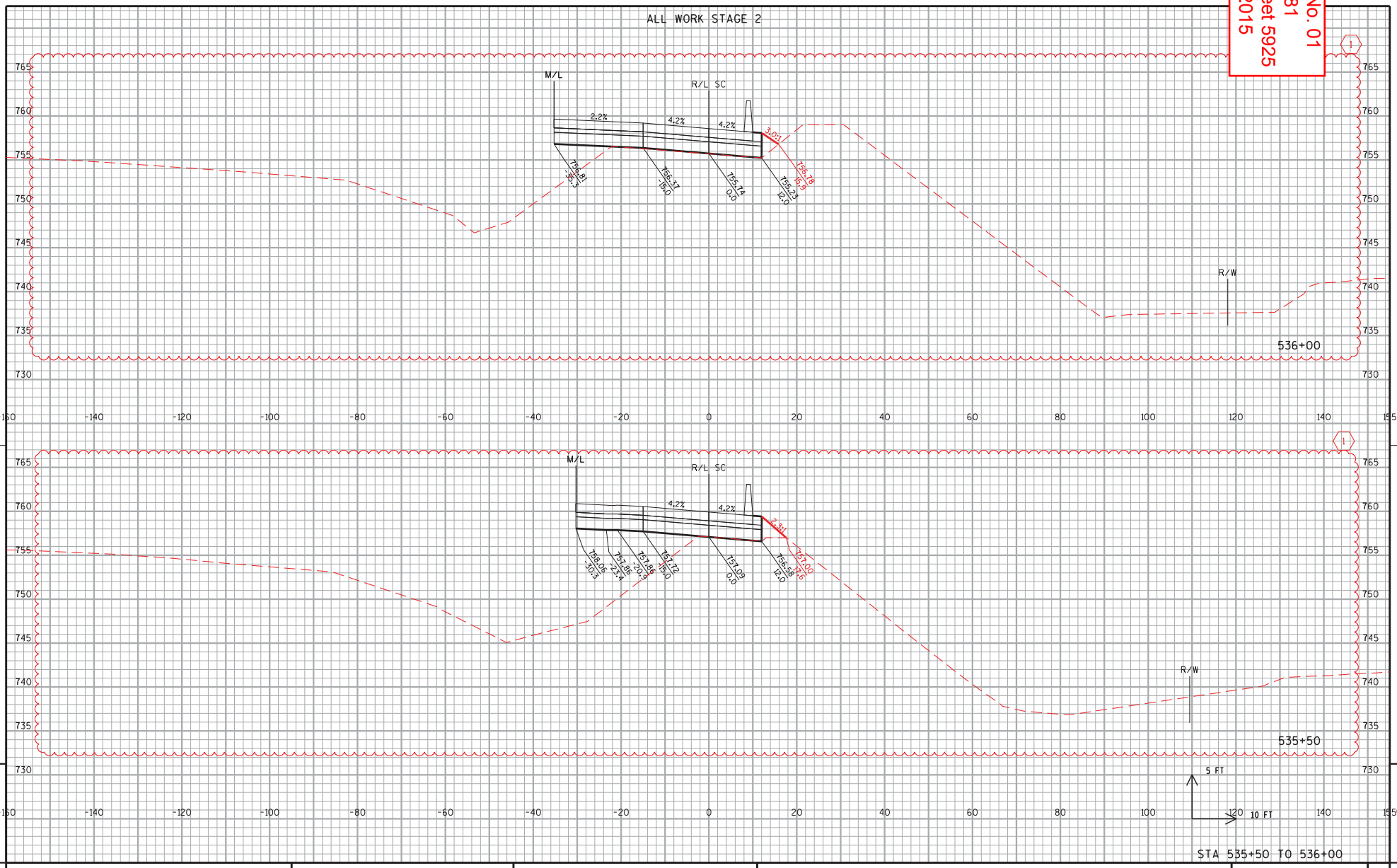
Addendum No. 01
ID 1060-33-81
Revised Sheet 5924
August 17, 2015



PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP SC	SHEET 5924	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090418_xs_SC.dgn PLOT DATE : 11-AUG-2015 13:13 PLOT BY : mscsxp PLOT NAME : 090418_xs_SC2 PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 5925
August 17, 2015



PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP SC	SHEET 5925	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090418_xs_SC.dgn PLOT DATE : 11-AUG-2015 13:13 PLOT BY : mscsxp PLOT NAME : 090418_xs_SC3 PLOT SCALE : 20:1

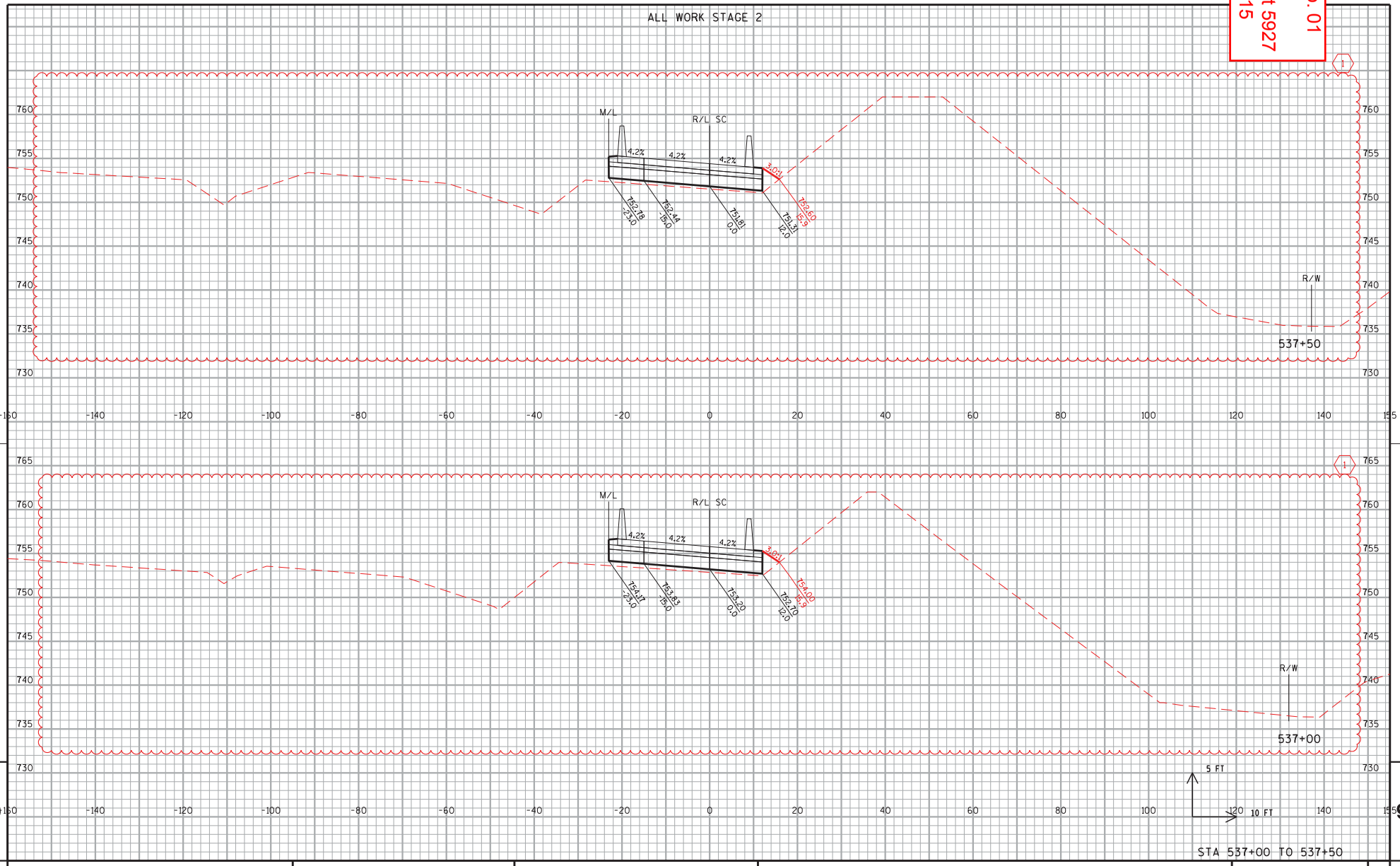
Addendum No. 01
ID 1060-33-81
Revised Sheet 5926
August 17, 2015

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP SC	SHEET 5926	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090418_xs_SC.dgn PLOT DATE : 11-AUG-2015 13:13 PLOT BY : mscsxp PLOT NAME : 090418_xs_SC4 PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 5927
August 17, 2015

ALL WORK STAGE 2



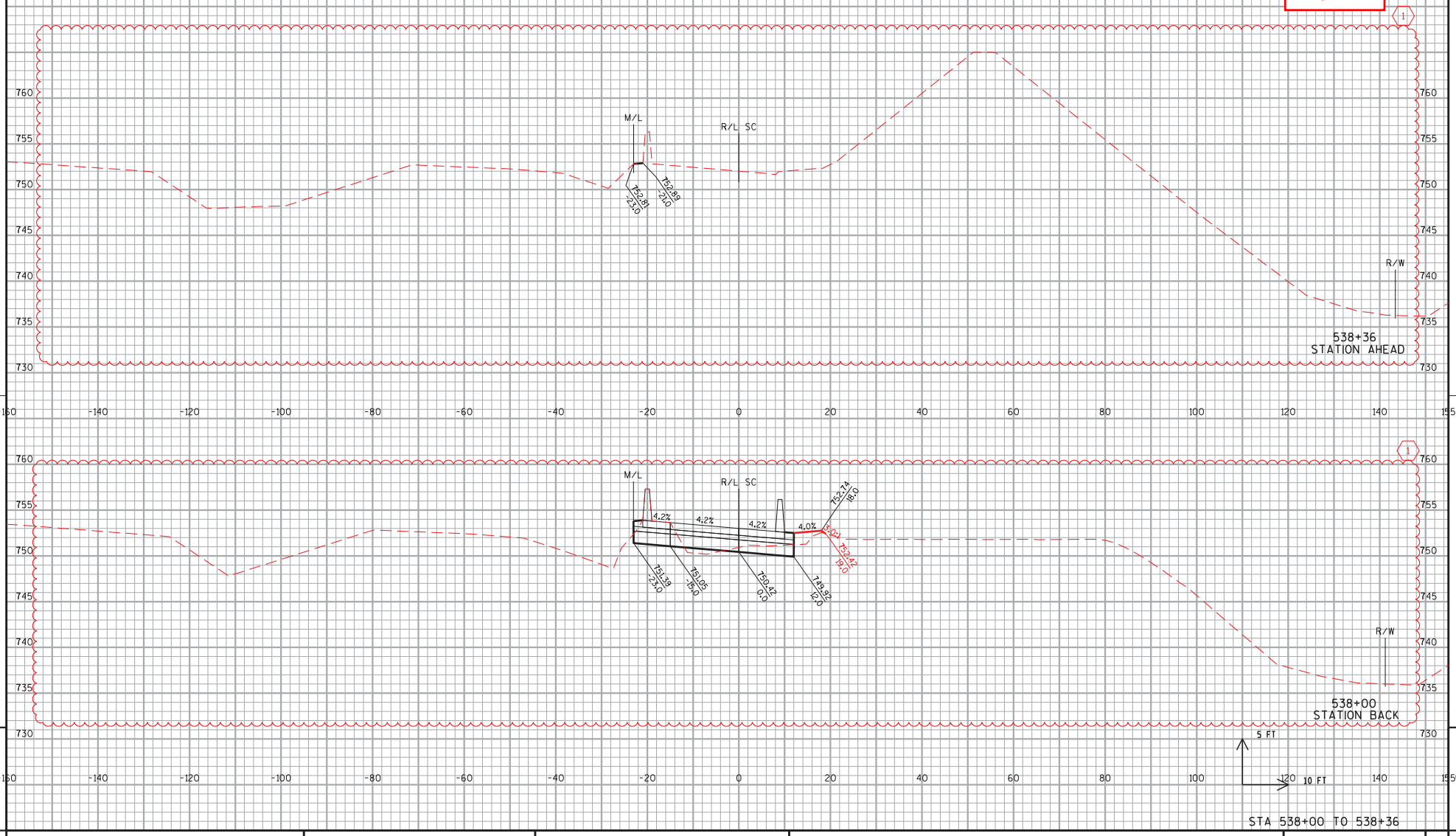
9 9

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP SC	SHEET 5927	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090418_xs_SC.dgn PLOT DATE : 11-AUG-2015 13:13 PLOT BY : mscsxp PLOT NAME : 090418_xs_SC5 PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 5928
August 17, 2015

ALL WORK STAGE 2



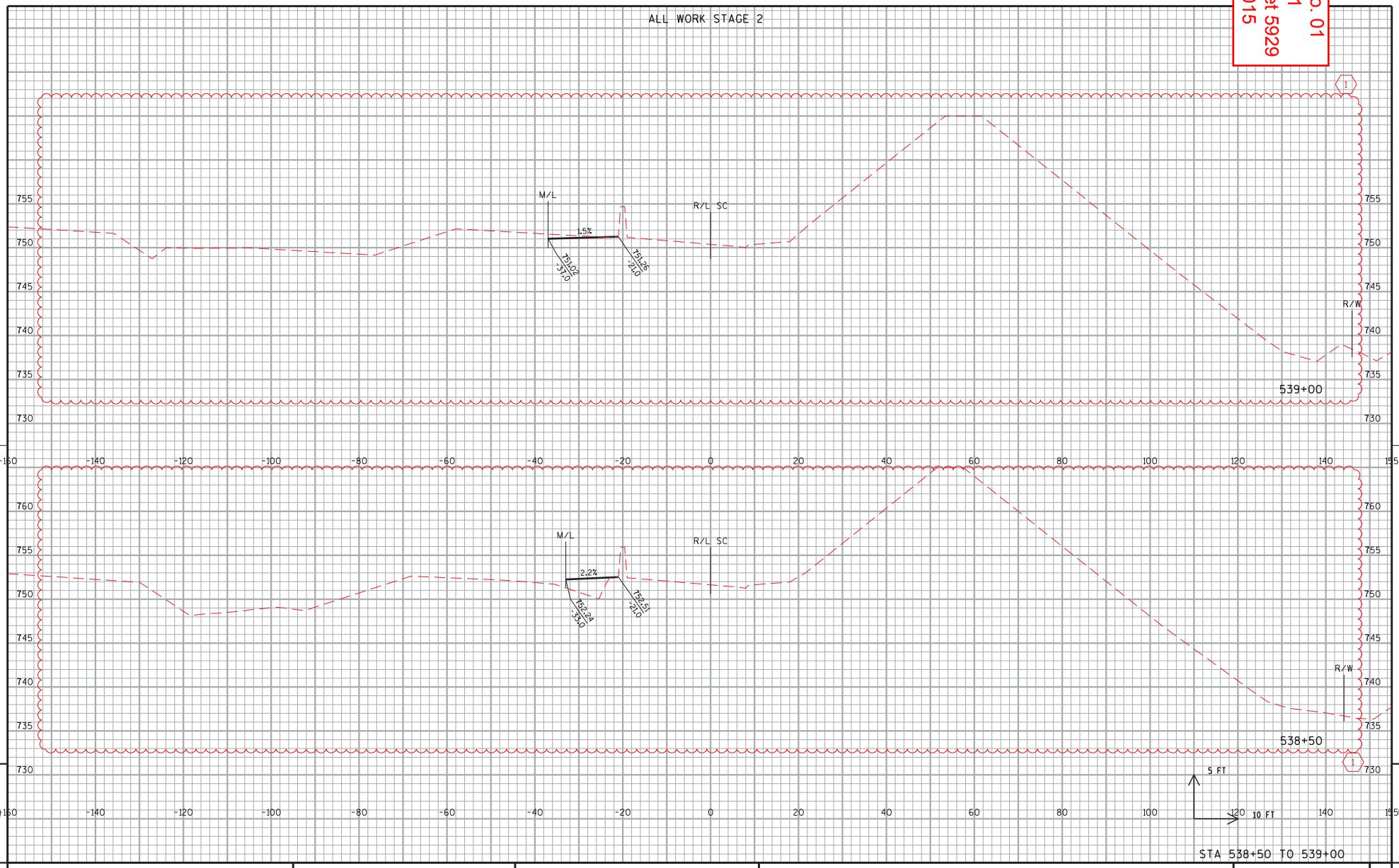
STA 538+00 TO 538+36

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP SC	SHEET 5928	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090418_xs_SC.dgn PLOT DATE : 11-AUG-2015 13:13 PLOT BY : mscsxp PLOT NAME : 090418_xs_SC6 PLOT SCALE : 20:1

WISDOT/CADDS SHEET 21

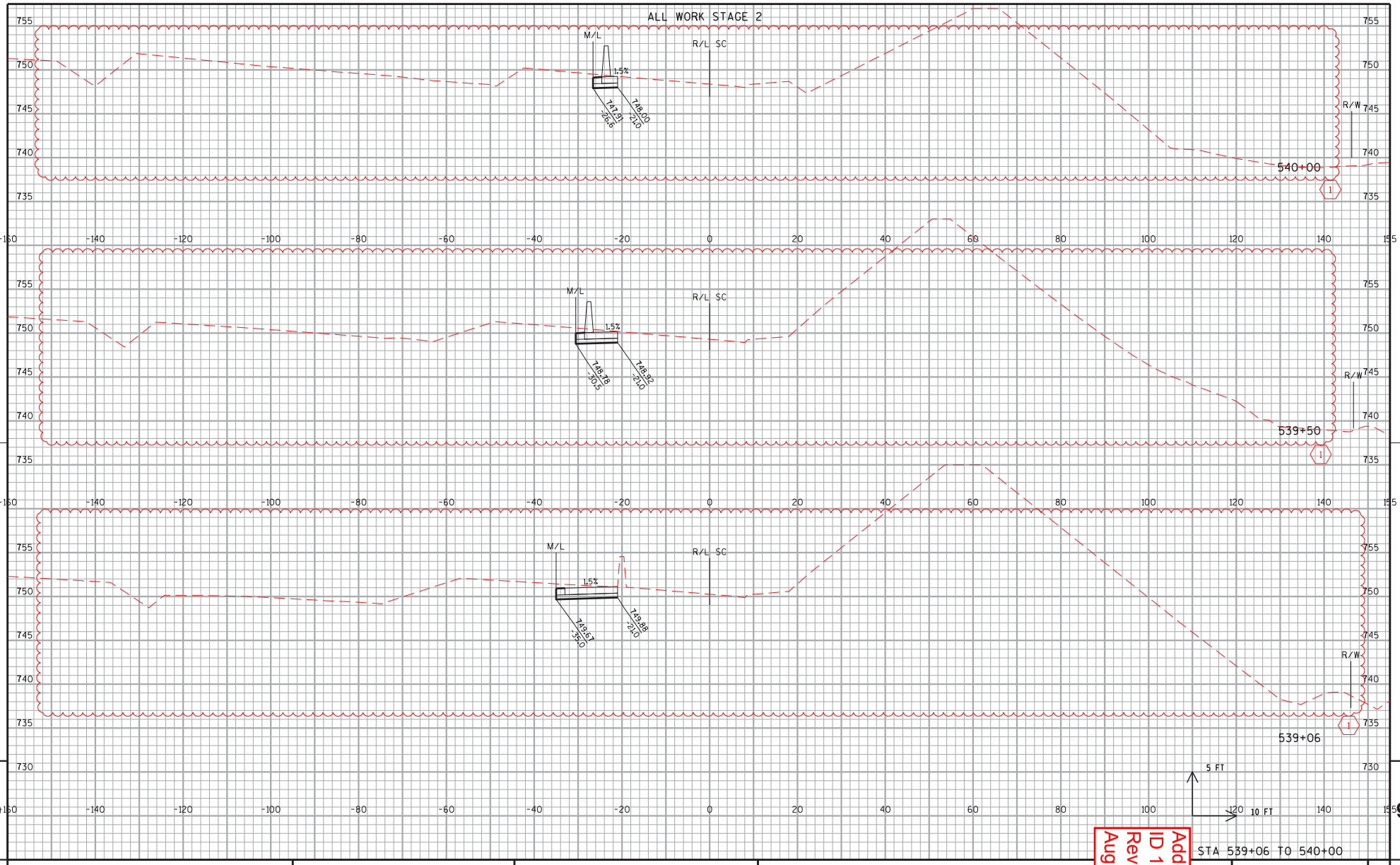
Addendum No. 01
ID 1060-33-81
Revised Sheet 5929
August 17, 2015



9 9

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP SC	SHEET 5929	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090418_xs_SC.dgn PLOT DATE : 11-AUG-2015 13:13 PLOT BY : mscsxp PLOT NAME : 090418_xs_SC7 PLOT SCALE : 20:1



9

9

STA 539+06 TO 540+00

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP SC	SHEET 5930	E

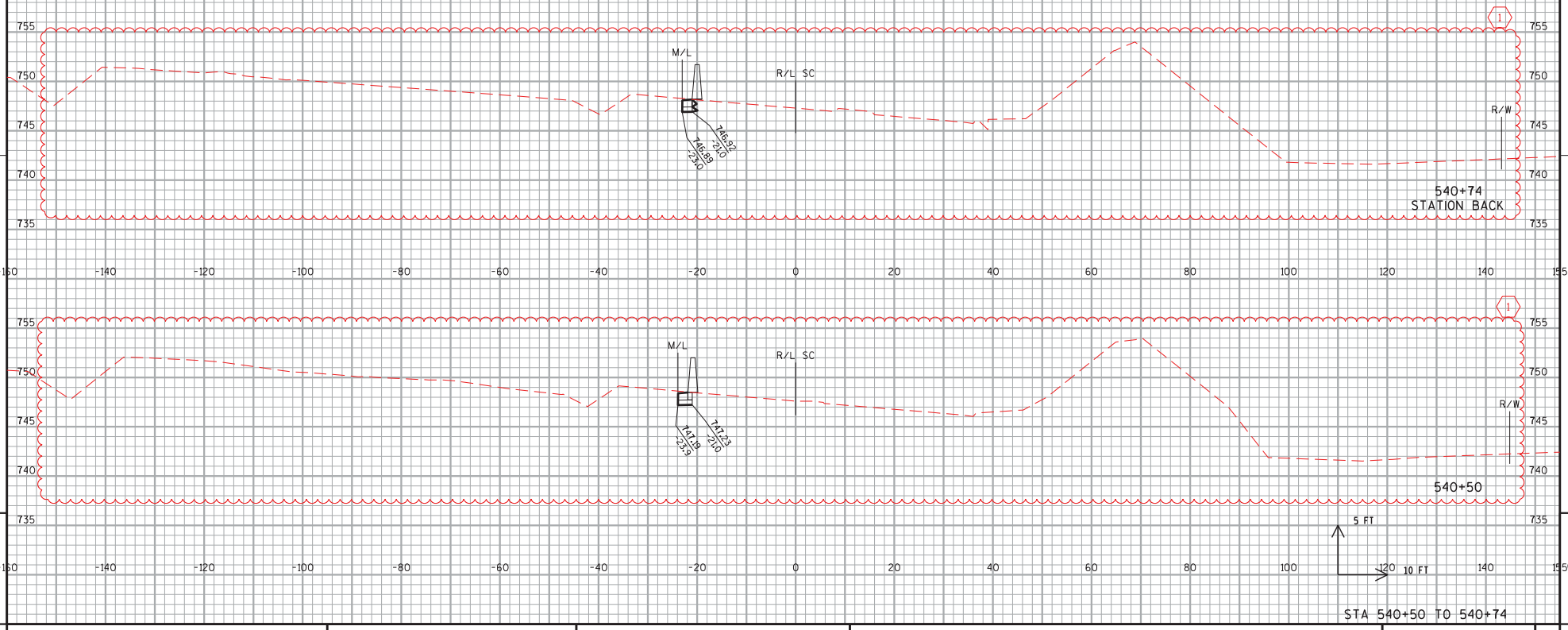
FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090418_xs_SC.dgn PLOT DATE : 11-AUG-2015 13:13 PLOT BY : mscsxp PLOT NAME : 090418_xs_SC8

WISDOT/CADDS SHEET 21

Addendum No. 01
ID 1060-33-81
Revised Sheet 5930
August 17, 2015

ALL WORK STAGE 2

Addendum No. 01
ID 1060-33-81
Revised Sheet 5931
August 17, 2015



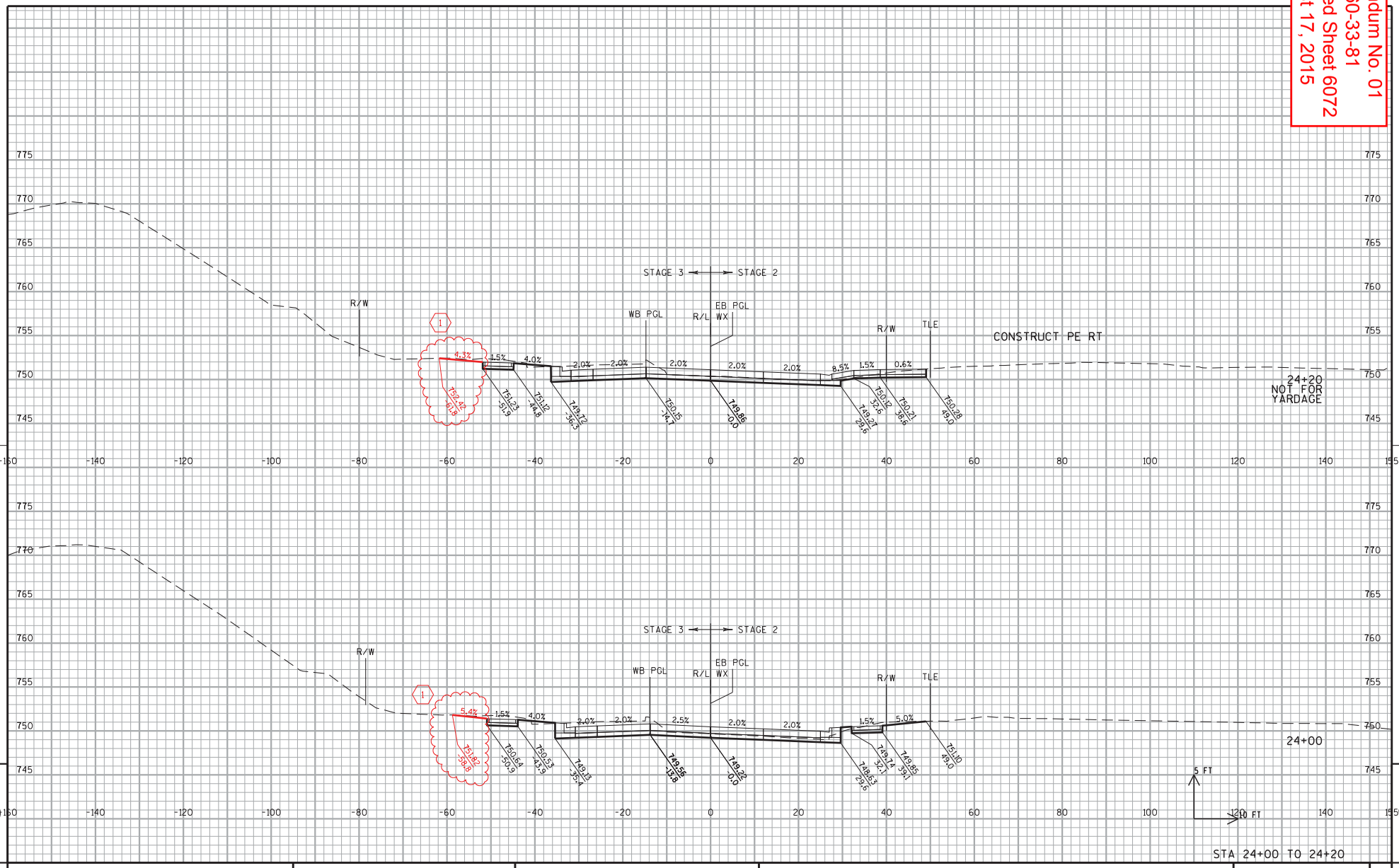
9 9

STA 540+50 TO 540+74

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP SC	SHEET 5931	E

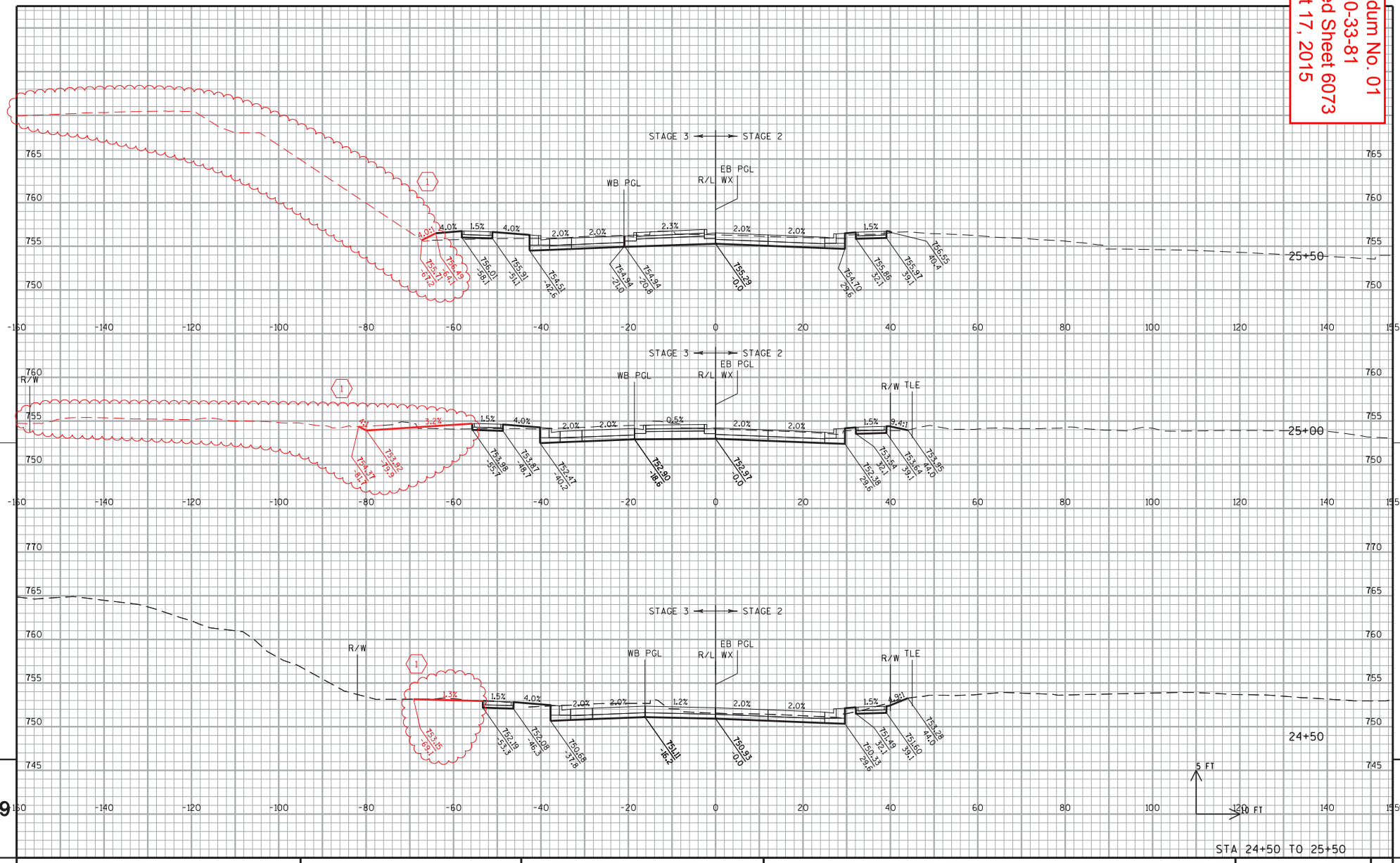
FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090418_xs_SC.dgn PLOT DATE : 11-AUG-2015 13:13 PLOT BY : mscsxp PLOT NAME : 090418_xs_SC9 PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 6072
August 17, 2015



PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: W. WISCONSIN AVENUE	SHEET 6072	E

Addendum No. 01
ID 1060-33-81
Revised Sheet 6073
August 17, 2015

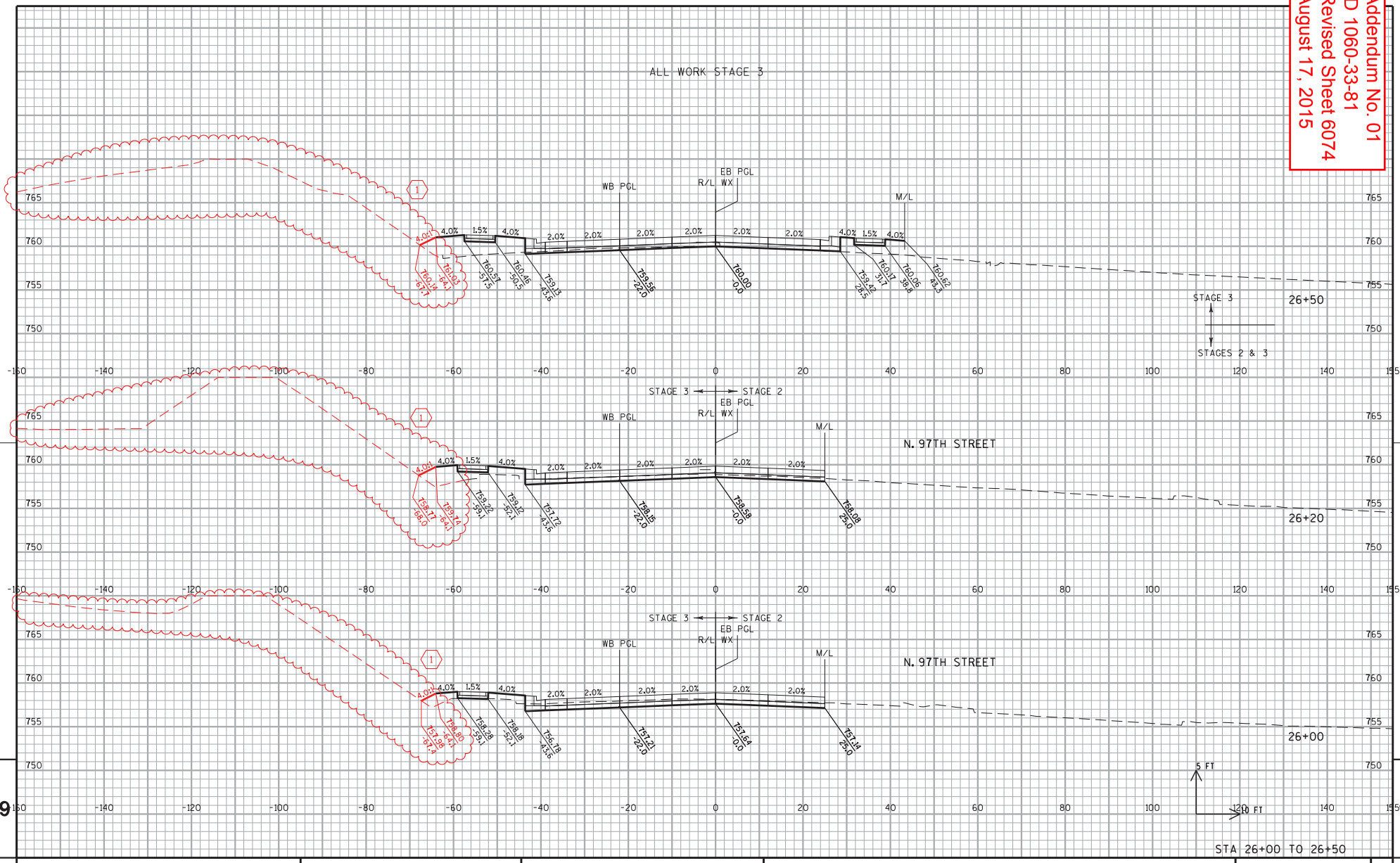


9 9

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: W. WISCONSIN AVENUE	SHEET 6073	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090504_xs_WX.dgn PLOT DATE : 12-AUG-2015 18:36 PLOT BY : mscgzl PLOT NAME : 090504_xs_WX6 PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 6074
August 17, 2015

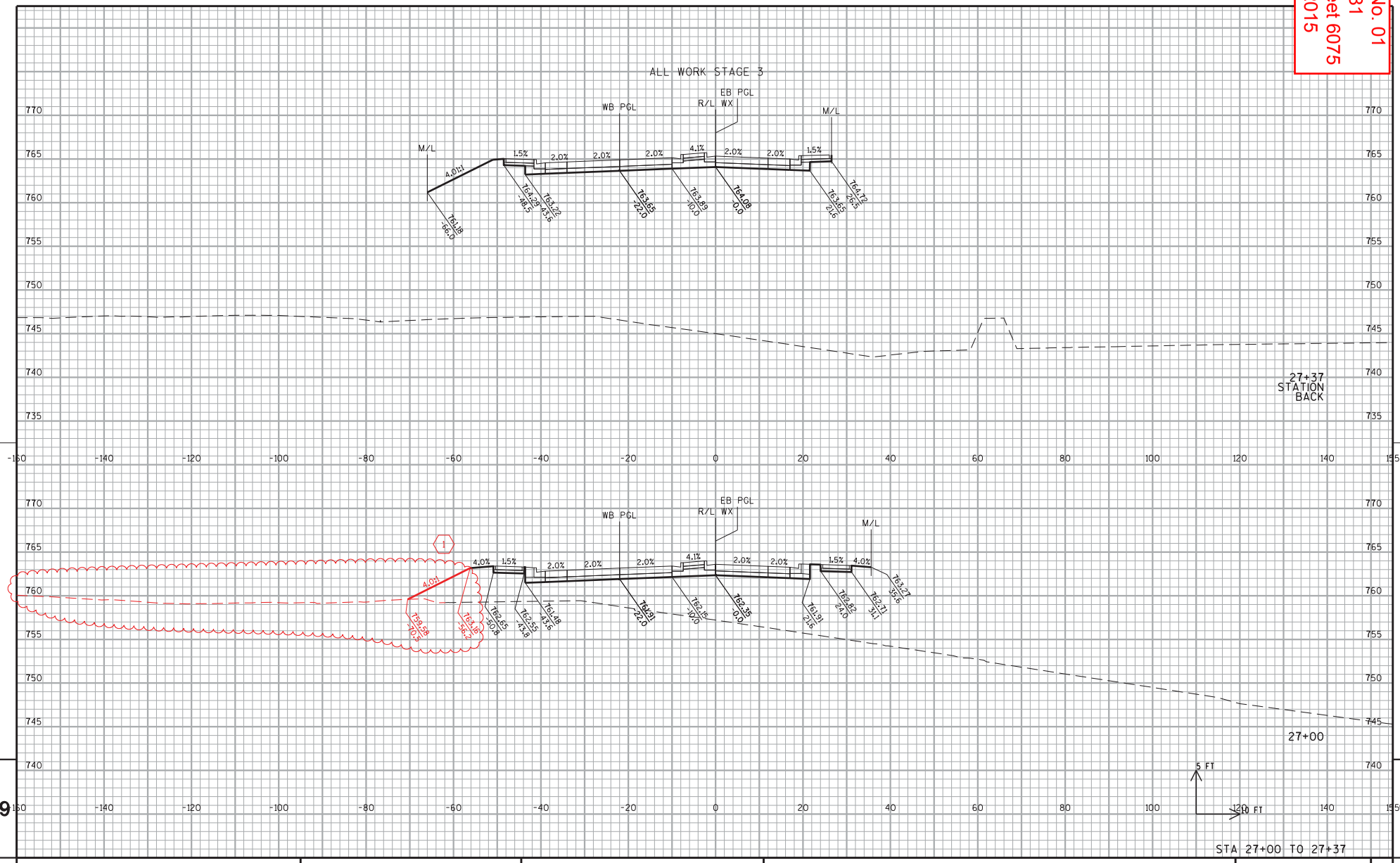


9 9

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: W. WISCONSIN AVENUE	SHEET 6074	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090504_xs_WX.dgn PLOT DATE : 12-AUG-2015 18:36 PLOT BY : mscgz1 PLOT NAME : 090504_xs_WX7 PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 6075
August 17, 2015

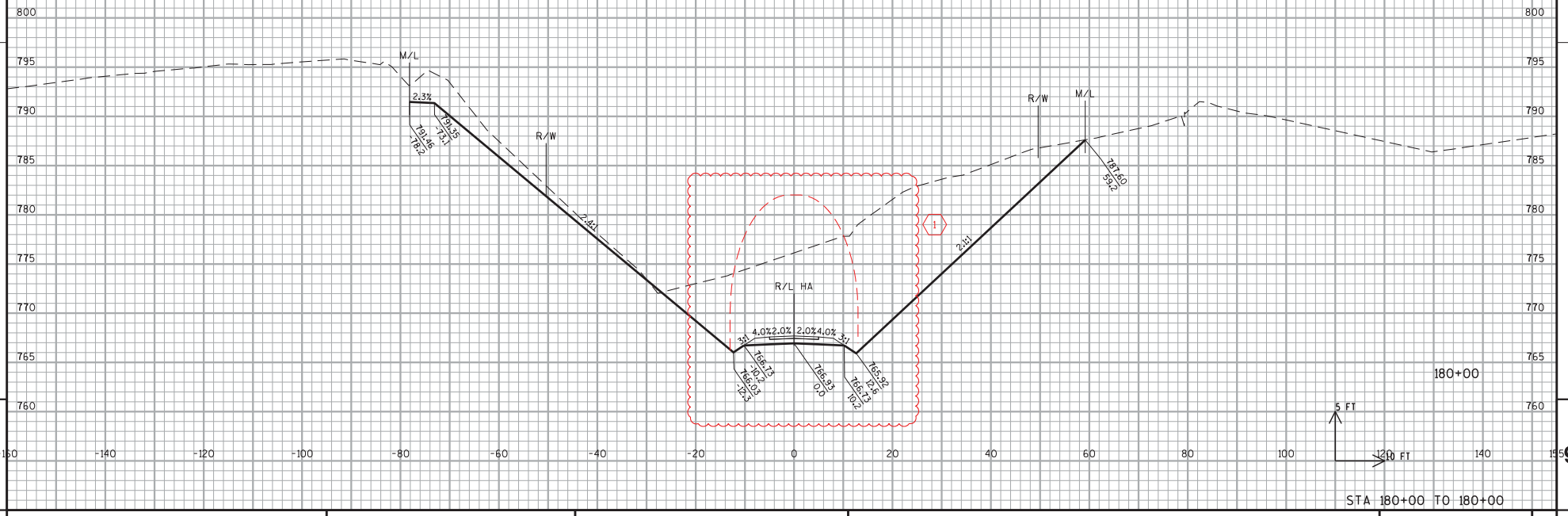


PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: W. WISCONSIN AVENUE	SHEET 6075	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090504_xs_WX.dgn PLOT DATE : 12-AUG-2015 18:36 PLOT BY : mscgz1 PLOT NAME : 090504_xs_WX8 PLOT SCALE : 20:1

ALL WORK STAGE 8

Addendum No. 01
ID 1060-33-81
Revised Sheet 6199
August 17, 2015



9 9

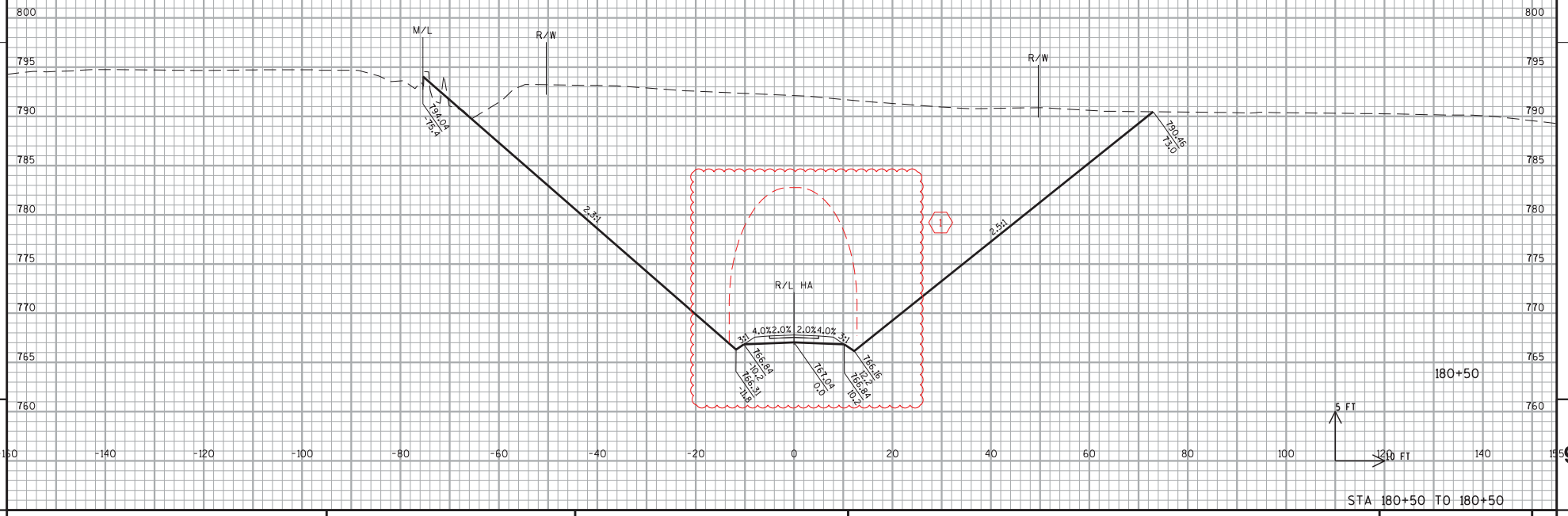
PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: HANK AARON STATE TRAIL	SHEET 6199	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090521_xs_HA.dgn PLOT DATE : 13-AUG-2015 10:14 PLOT BY : MSCD1S PLOT NAME : 090521_xs_HA80 PLOT SCALE : 20:1

WISDOT/CADDS SHEET 21

ALL WORK STAGE 8

Addendum No. 01
ID 1060-33-81
Revised Sheet 6200
August 17, 2015



STA 180+50 TO 180+50

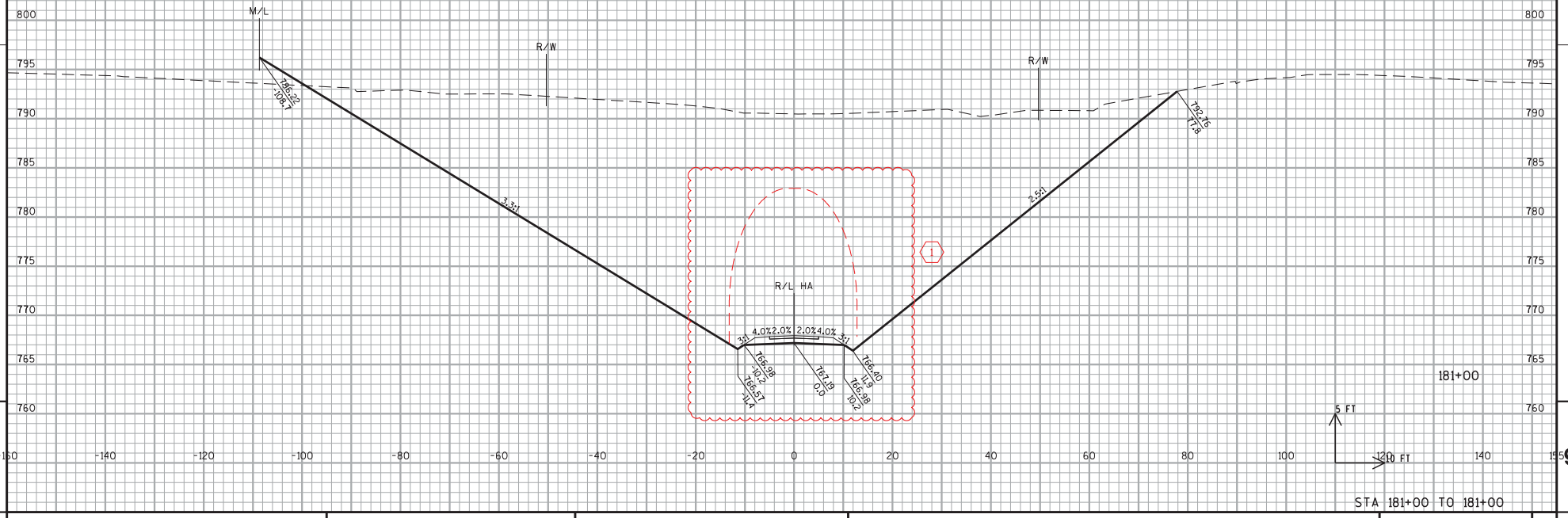
PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: HANK AARON STATE TRAIL	SHEET 6200	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090521_xs_HA.dgn PLOT DATE : 13-AUG-2015 10:14 PLOT BY : MSCD1S PLOT NAME : 090521_xs_HA81 PLOT SCALE : 20:1

WISDOT/CADDS SHEET 21

ALL WORK STAGE 8

Addendum No. 01
ID 1060-33-81
Revised Sheet 6201
August 17, 2015



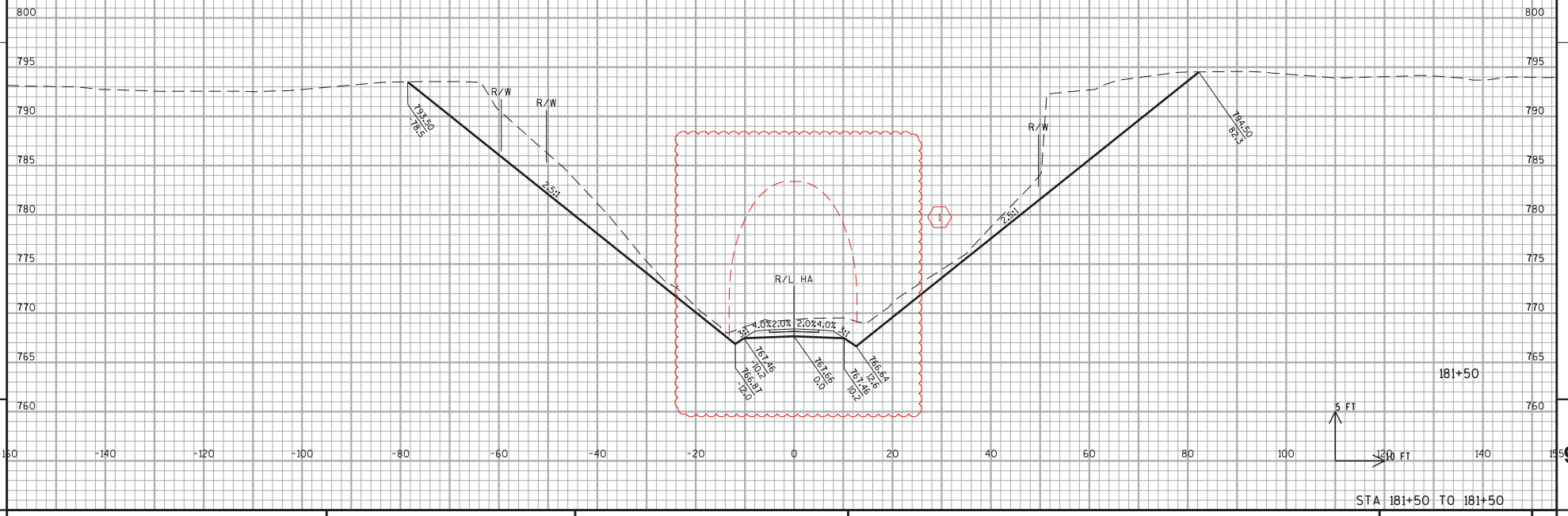
STA 181+00 TO 181+00

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: HANK AARON STATE TRAIL	SHEET 6201	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090521_xs_HA.dgn PLOT DATE : 13-AUG-2015 10:14 PLOT BY : MSCD1S PLOT NAME : 090521_xs_HA82 PLOT SCALE : 20:1

ALL WORK STAGE 8

Addendum No. 01
ID 1060-33-81
Revised Sheet 6202
August 17, 2015



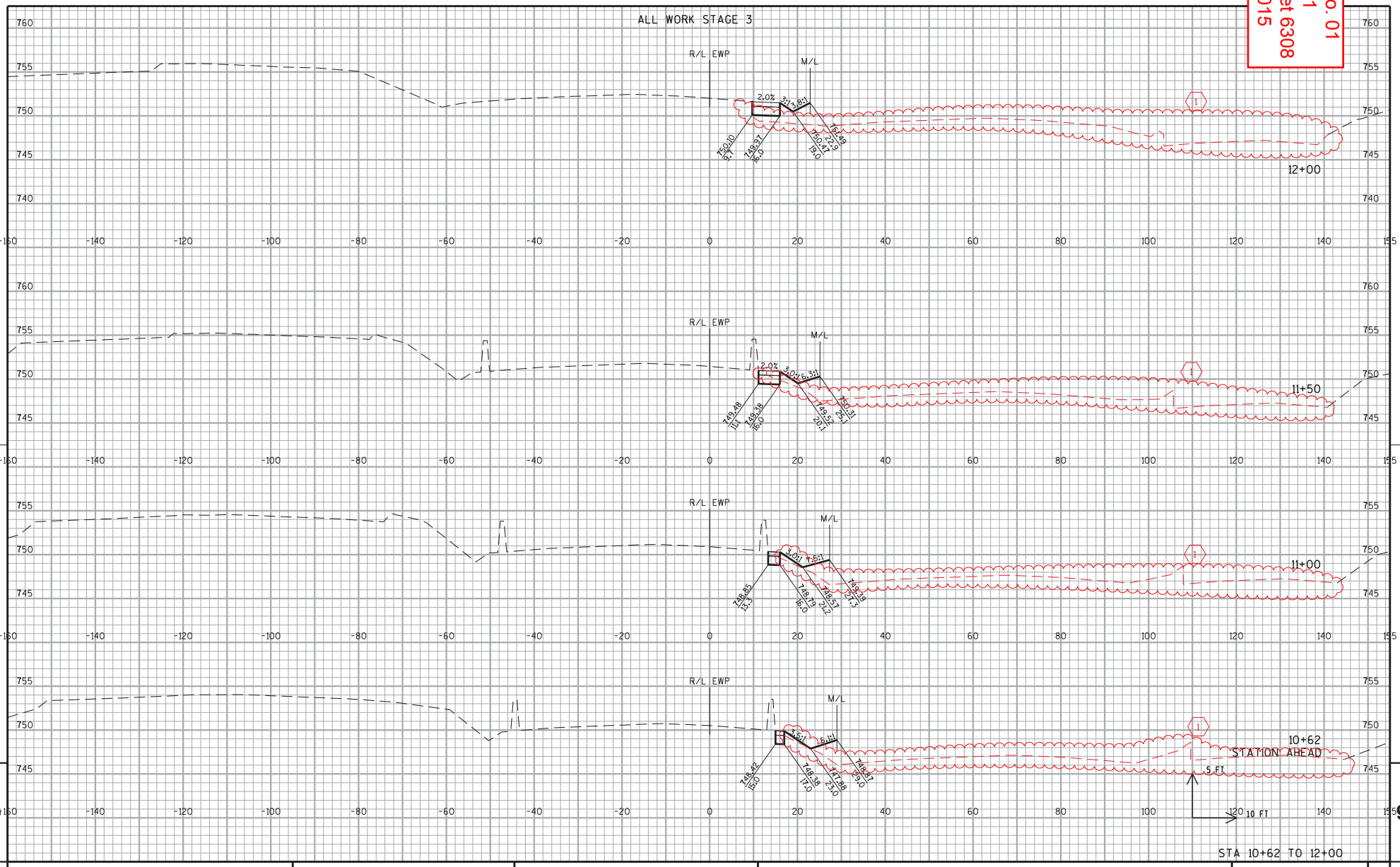
STA 181+50 TO 181+50

PROJECT NO: 1060-33-81	HWY: IH 894/IH 94/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: HANK AARON STATE TRAIL	SHEET 6202	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090521_xs_HA.dgn PLOT DATE : 13-AUG-2015 10:14 PLOT BY : MSCD1S PLOT NAME : 090521_xs_HA83 PLOT SCALE : 20:1

WISDOT/CADDS SHEET 21

Addendum No. 01
ID 1060-33-81
Revised Sheet 6308
August 17, 2015

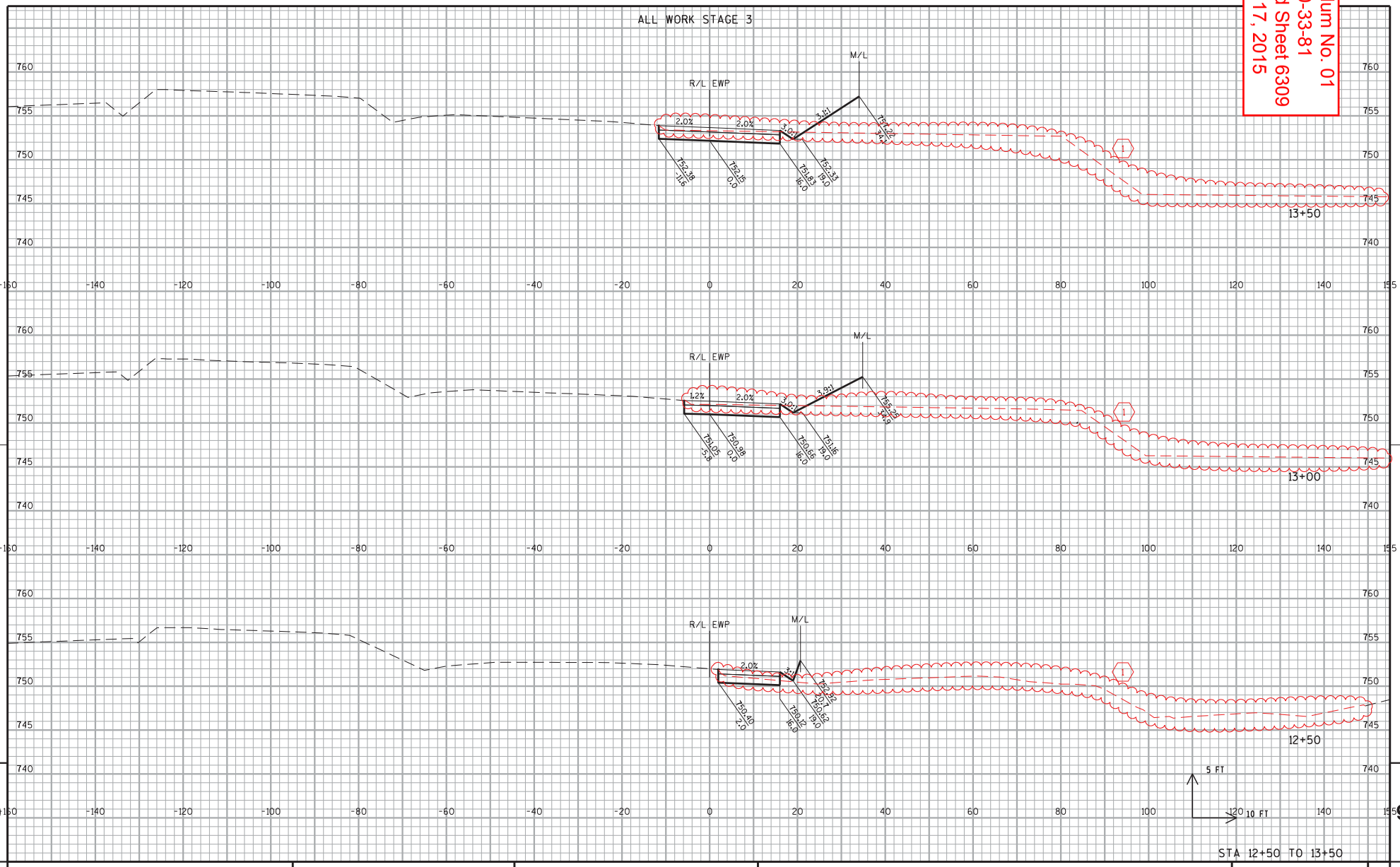


9 9

PROJECT NO: 1060-33-81	HWY: IH 94/IH 894/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP EWP	SHEET 6308	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090611_xs_EWP.dgn PLOT DATE : 11-AUG-2015 14:10 PLOT BY : mscgz1 PLOT NAME : 090611_xs_EWP PLOT SCALE : 20:1

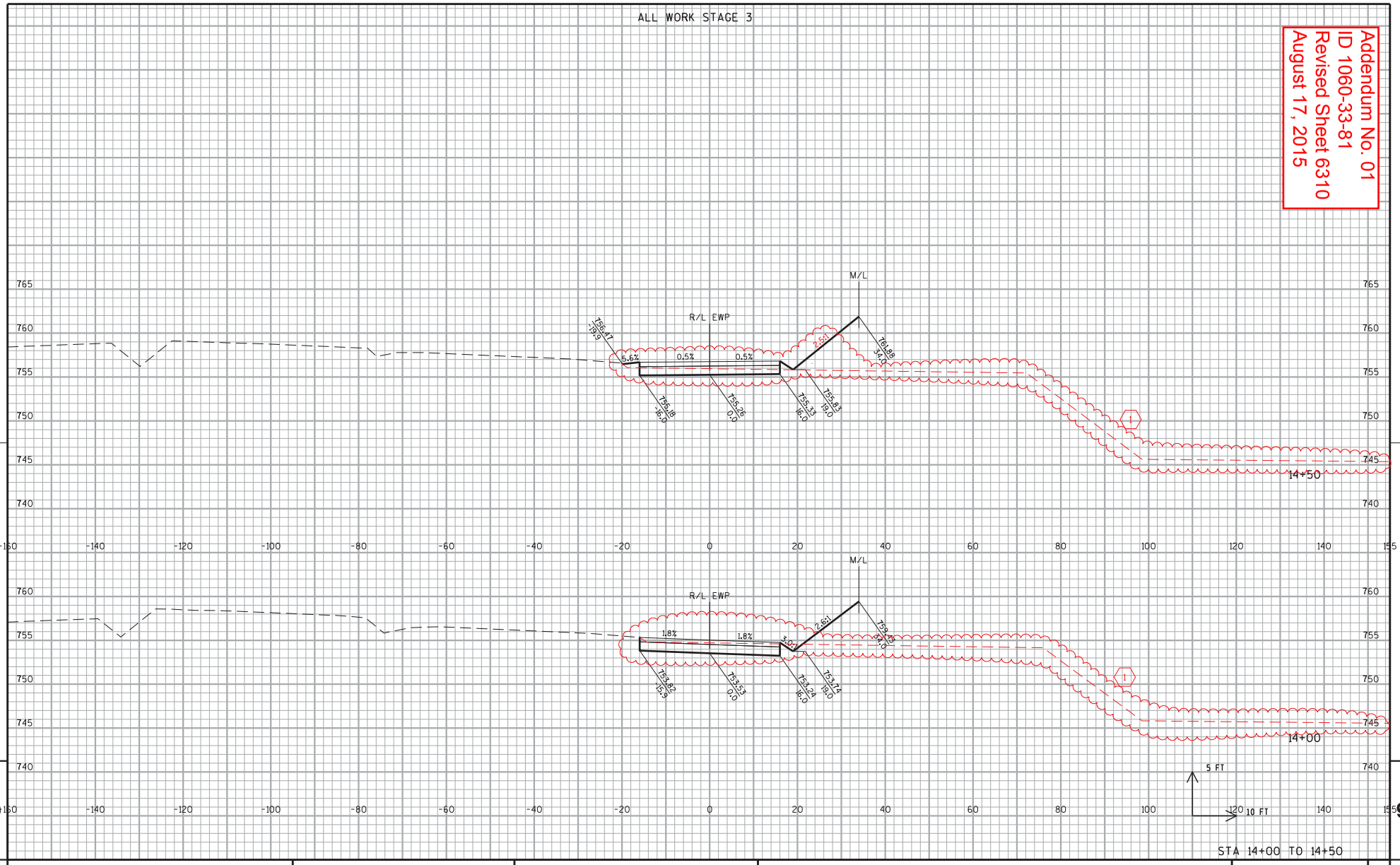
Addendum No. 01
ID 1060-33-81
Revised Sheet 6309
August 17, 2015



PROJECT NO: 1060-33-81	HWY: IH 94/IH 894/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP EWP	SHEET 6309	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090611_xs_EWP.dgn PLOT DATE : 11-AUG-2015 14:10 PLOT BY : mscgz1 PLOT NAME : 090611_xs_EWP1 PLOT SCALE : 20:1

WISDOT/CADDS SHEET 21



9

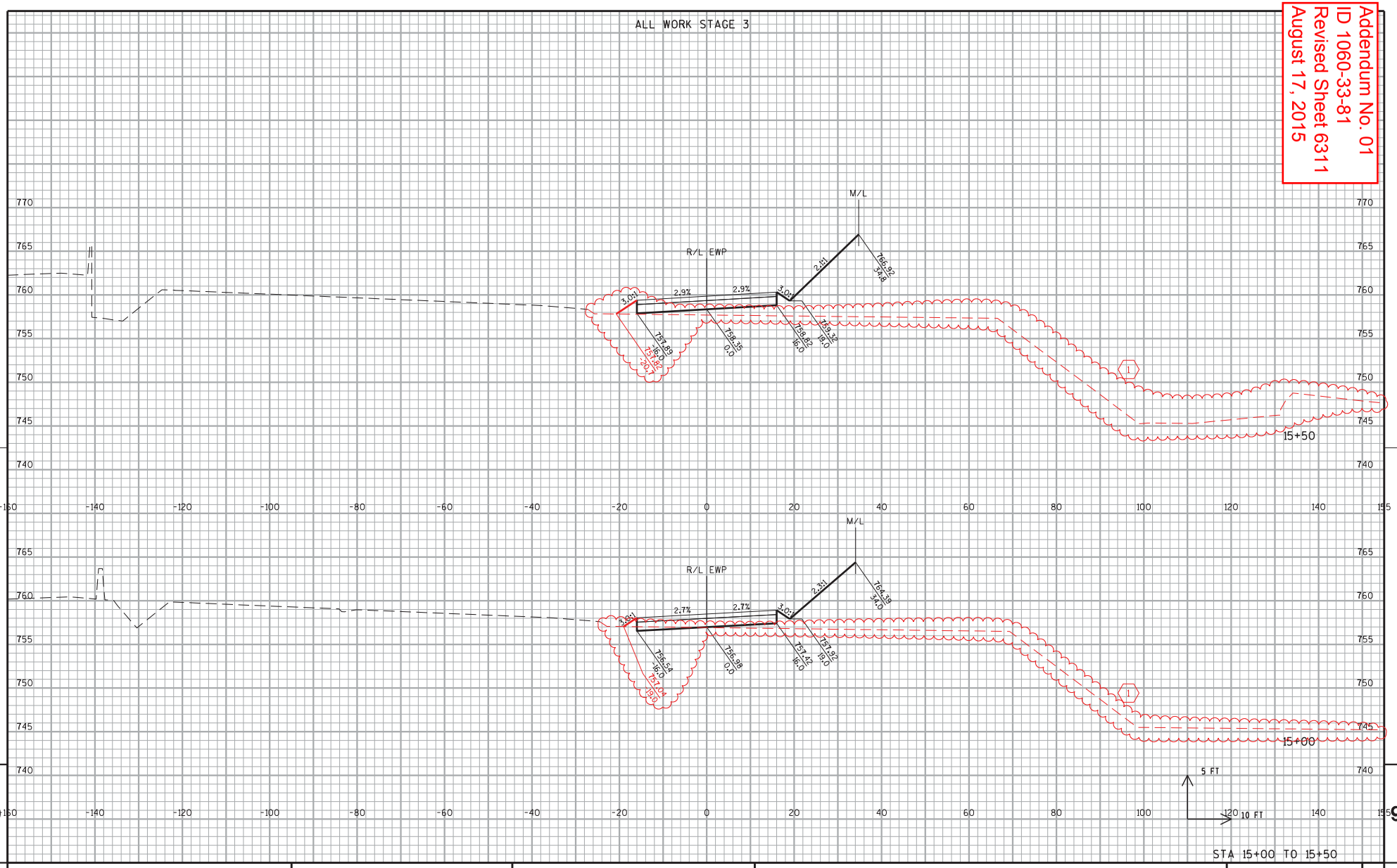
9

STA 14+00 TO 14+50

PROJECT NO: 1060-33-81	HWY: IH 94/IH 894/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP EWP	SHEET 6310	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090611_xs_EWP.dgn PLOT DATE : 11-AUG-2015 14:10 PLOT BY : mscgz1 PLOT NAME : 090611_xs_EWP2 PLOT SCALE : 20:1

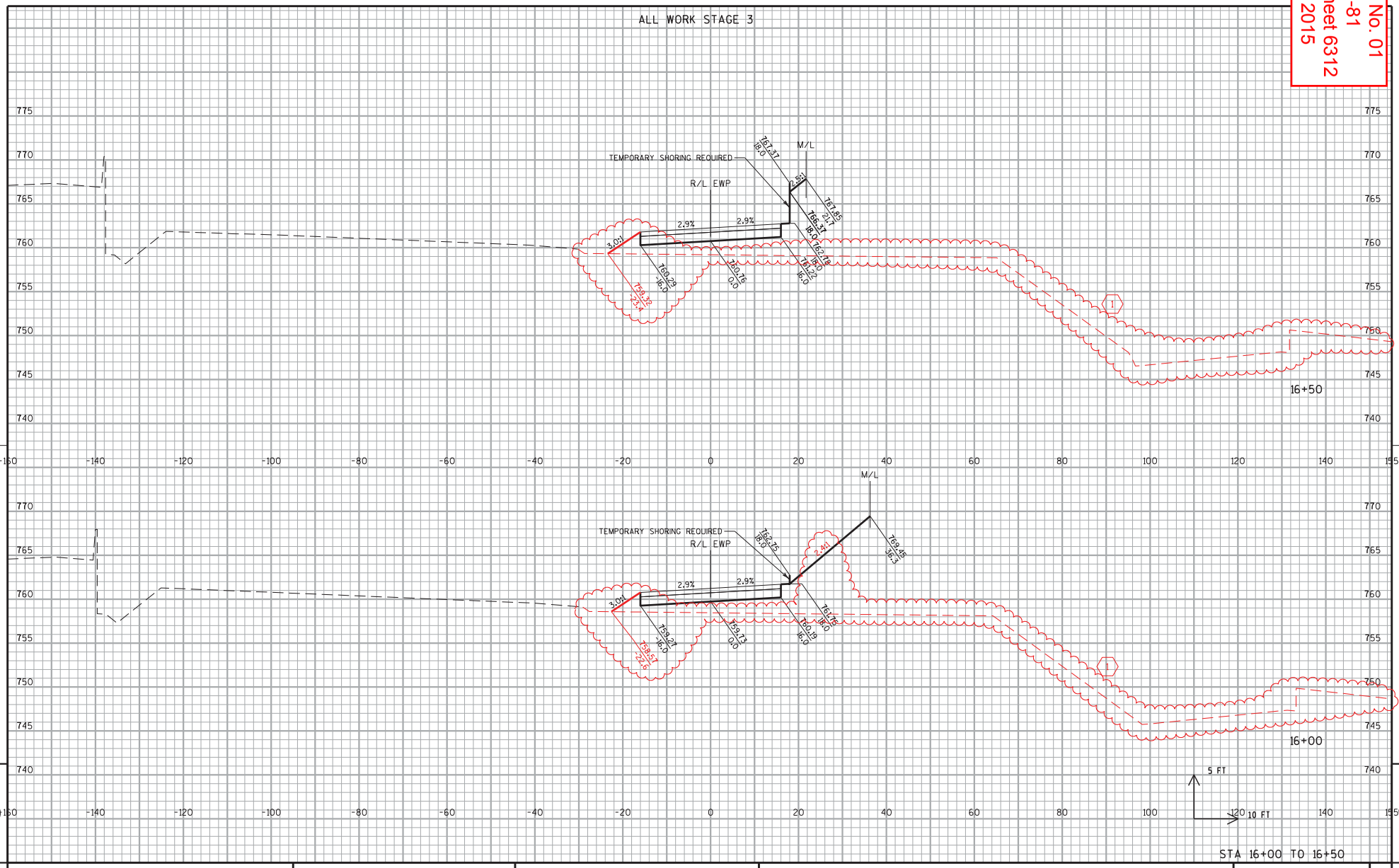
Addendum No. 01
ID 1060-33-81
Revised Sheet 6311
August 17, 2015



PROJECT NO: 1060-33-81	HWY: IH 94/IH 894/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP EWP	SHEET 6311	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090611_xs_EWP.dgn PLOT DATE : 11-AUG-2015 14:10 PLOT BY : mscgz1 PLOT NAME : 090611_xs_EWP3 PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 6312
August 17, 2015



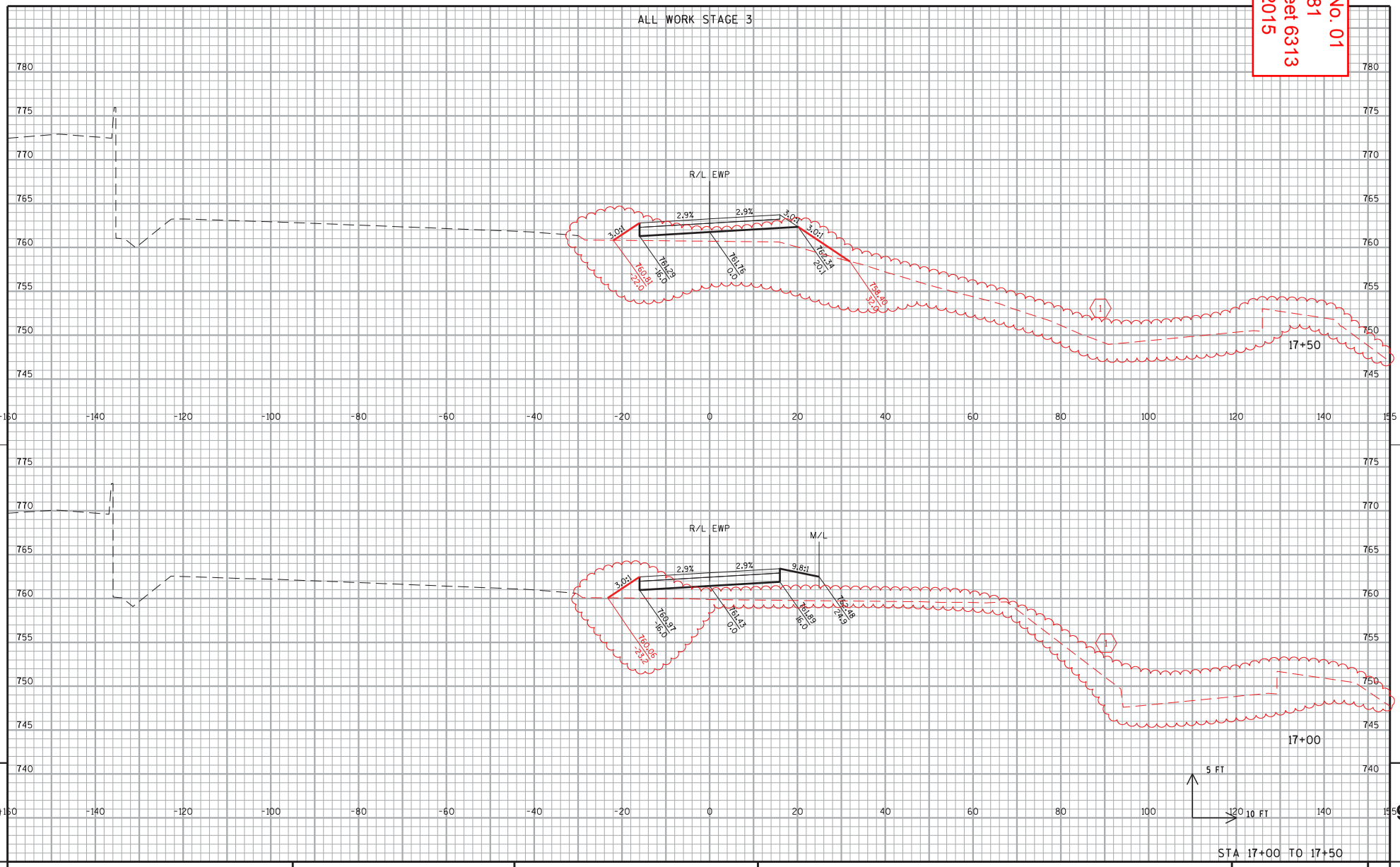
9 9

STA 16+00 TO 16+50

PROJECT NO: 1060-33-81	HWY: IH 94/IH 894/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP EWP	SHEET 6312	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090611_xs_EWP.dgn PLOT DATE : 11-AUG-2015 14:10 PLOT BY : mscgz1 PLOT NAME : 090611_xs_EWP4 PLOT SCALE : 20:1

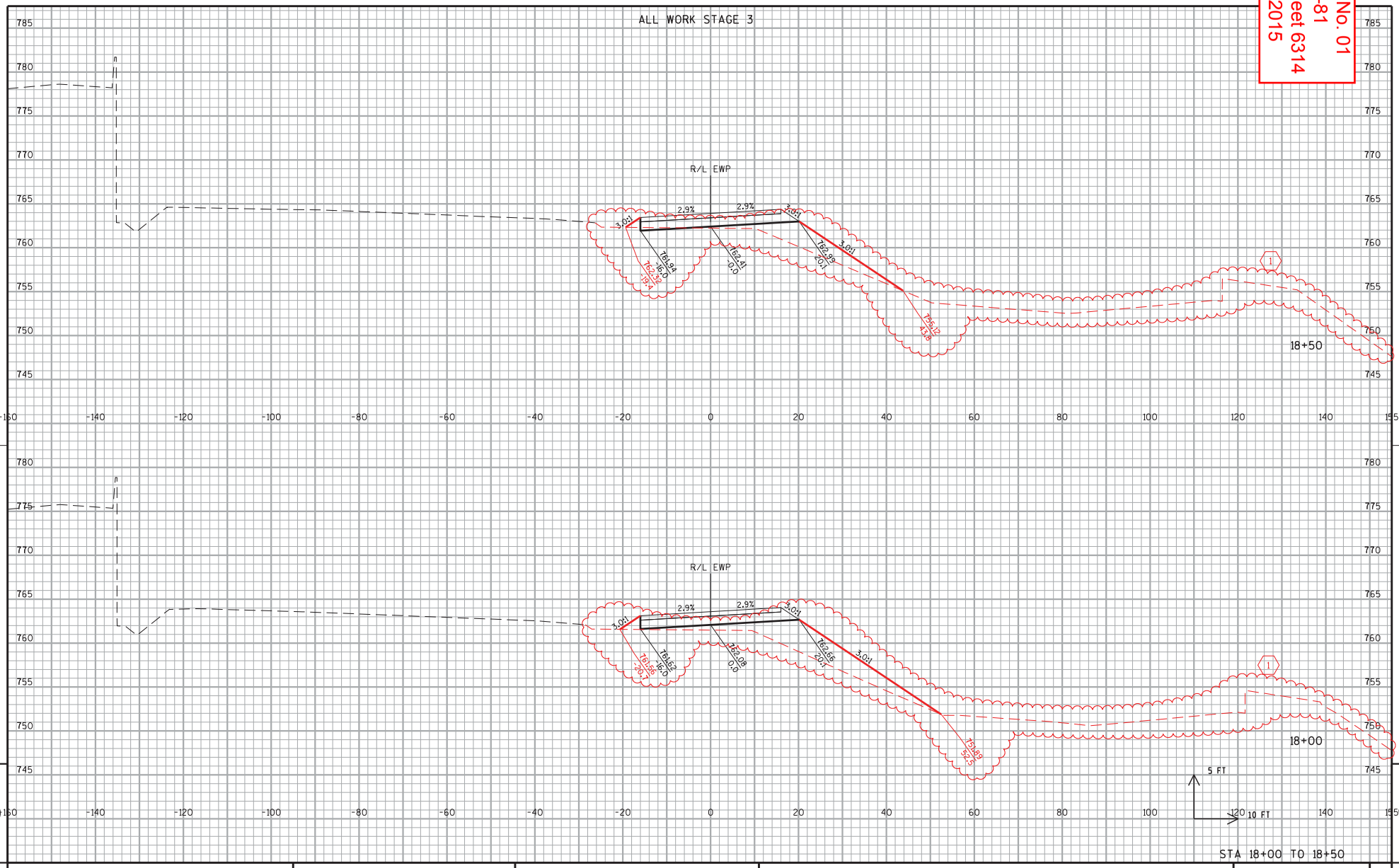
Addendum No. 01
ID 1060-33-81
Revised Sheet 6313
August 17, 2015



PROJECT NO: 1060-33-81	HWY: IH 94/IH 894/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP EWP	SHEET 6313	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090611_xs_EWP.dgn PLOT DATE : 11-AUG-2015 14:10 PLOT BY : mscgz1 PLOT NAME : 090611_xs_EWP5 PLOT SCALE : 20:1

Addendum No. 01
ID 1060-33-81
Revised Sheet 6314
August 17, 2015

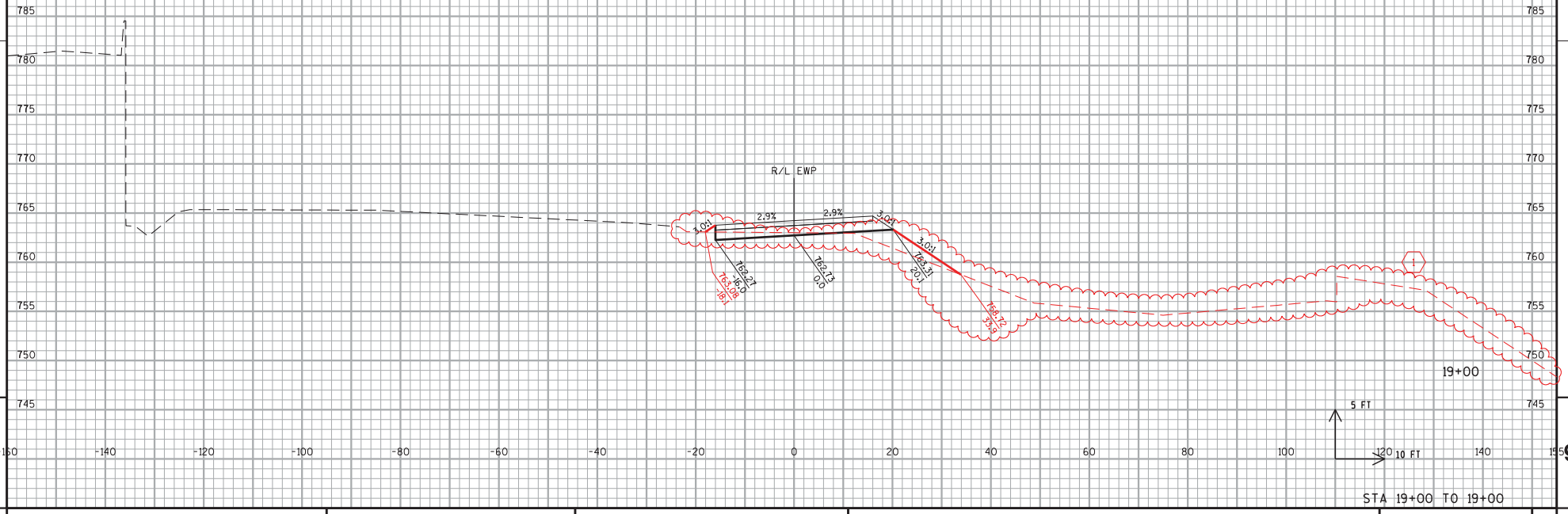


PROJECT NO: 1060-33-81	HWY: IH 94/IH 894/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP EWP	SHEET 6314	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090611_xs_EWP.dgn PLOT DATE : 11-AUG-2015 14:10 PLOT BY : mscgz1 PLOT NAME : 090611_xs_EWP6 PLOT SCALE : 20:1

ALL WORK STAGE 3

Addendum No. 01
ID 1060-33-81
Revised Sheet 6315
August 17, 2015



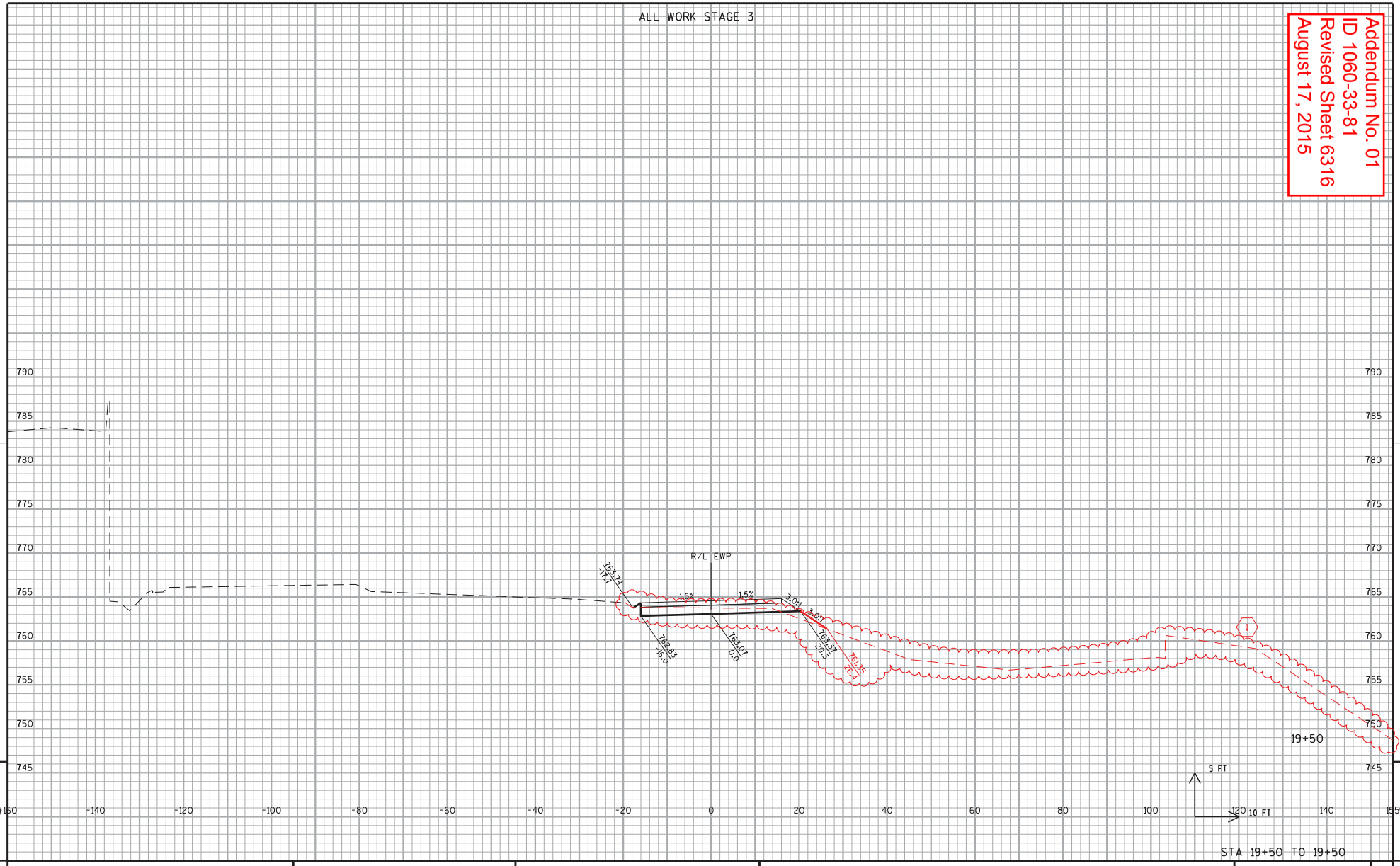
STA 19+00 TO 19+00

PROJECT NO: 1060-33-81	HWY: IH 94/IH 894/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP EWP	SHEET 6315	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090611_xs_EWP.dgn PLOT DATE : 11-AUG-2015 14:10 PLOT BY : mscgz1 PLOT NAME : 090611_xs_EWP7 PLOT SCALE : 20:1

WISDOT/CADDS SHEET 21

Addendum No. 01
ID 1060-33-81
Revised Sheet 6316
August 17, 2015



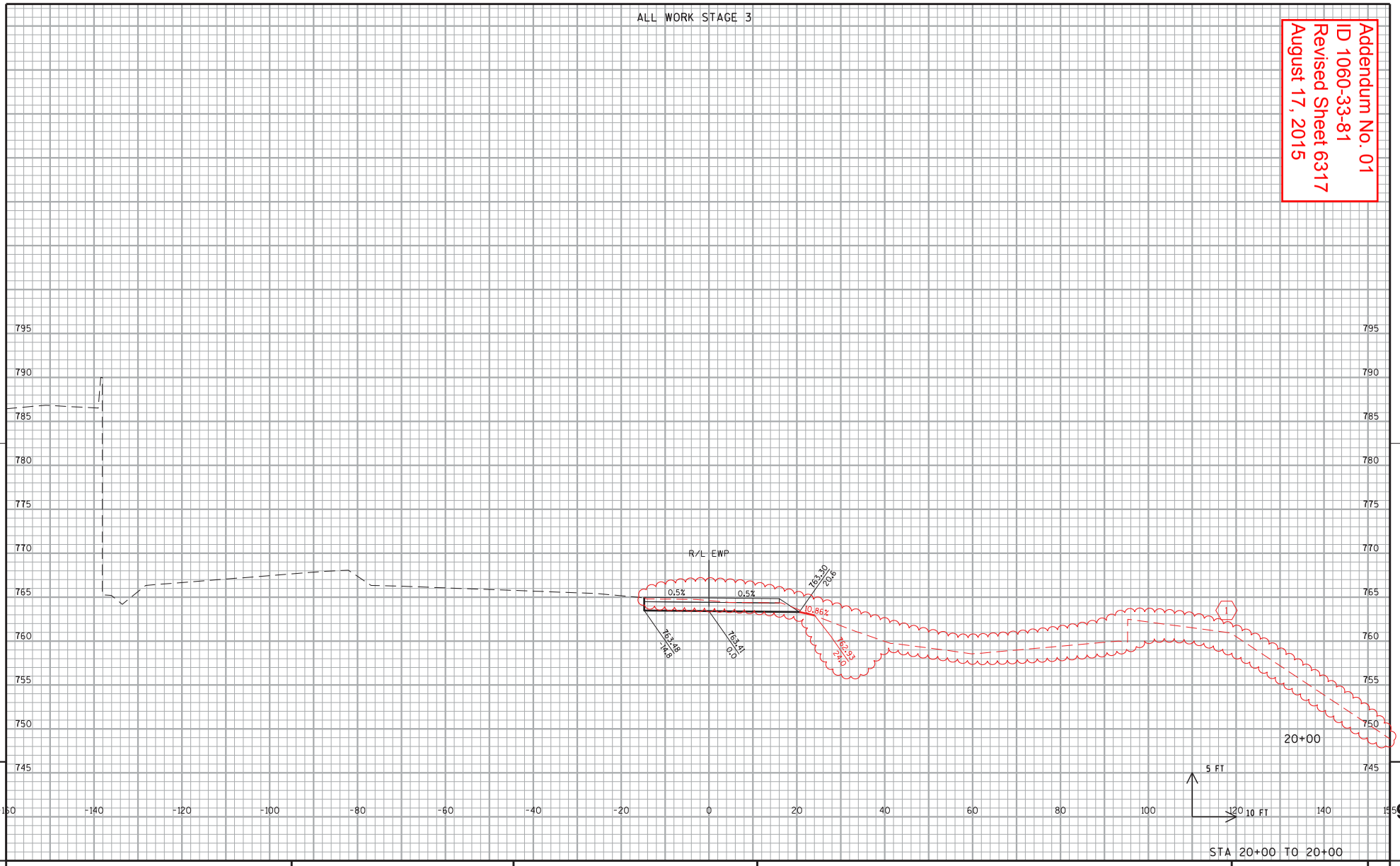
STA 19+50 TO 19+50

PROJECT NO: 1060-33-81	HWY: IH 94/IH 894/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP EWP	SHEET 6316	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090611_xs_EWP.dgn PLOT DATE : 11-AUG-2015 14:10 PLOT BY : mscgzl PLOT NAME : 090611_xs_EWP8 PLOT SCALE : 20:1

ALL WORK STAGE 3

Addendum No. 01
ID 1060-33-81
Revised Sheet 6317
August 17, 2015



9 9

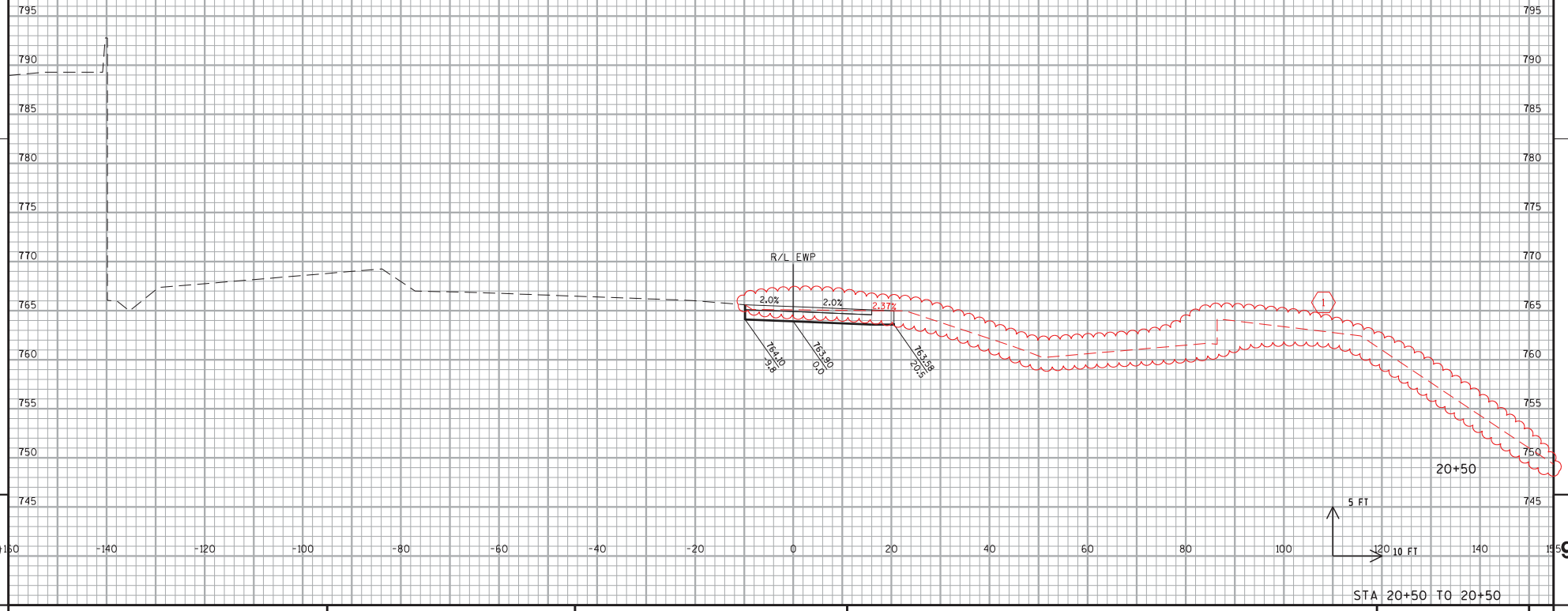
STA 20+00 TO 20+00

PROJECT NO: 1060-33-81	HWY: IH 94/IH 894/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP EWP	SHEET 6317	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090611_xs_EWP.dgn PLOT DATE : 11-AUG-2015 14:10 PLOT BY : mscgz1 PLOT NAME : 090611_xs_EWP9 PLOT SCALE : 20:1

ALL WORK STAGE 3

Addendum No. 01
ID 1060-33-81
Revised Sheet 6318
August 17, 2015



STA 20+50 TO 20+50

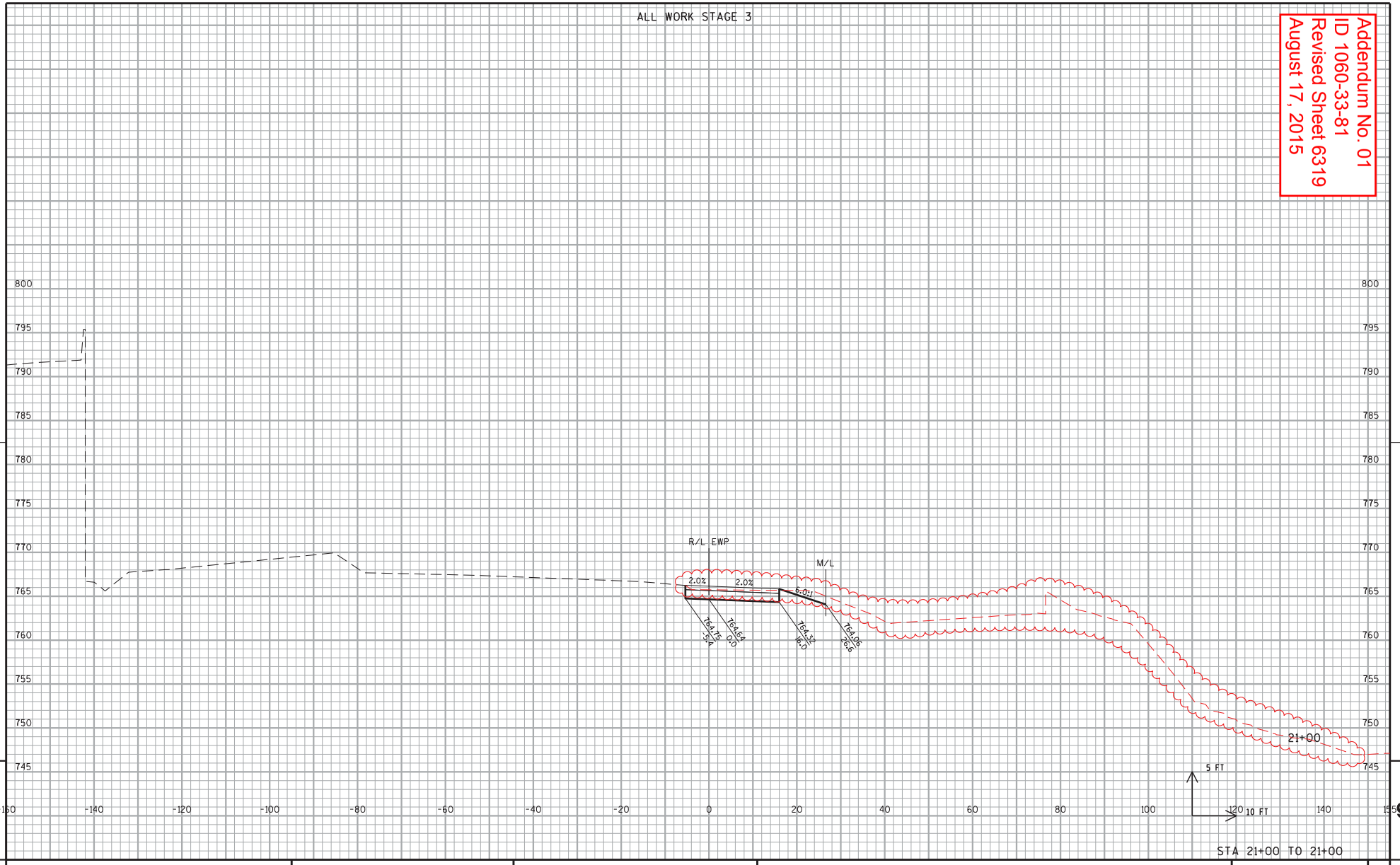
PROJECT NO: 1060-33-81	HWY: IH 94/IH 894/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP EWP	SHEET 6318	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090611_xs_EWP.dgn PLOT DATE : 11-AUG-2015 14:10 PLOT BY : mscgz1 PLOT NAME : 090611_xs_EWP10 PLOT SCALE : 20:1

WISDOT/CADDS SHEET 21

ALL WORK STAGE 3

Addendum No. 01
ID 1060-33-81
Revised Sheet 6319
August 17, 2015

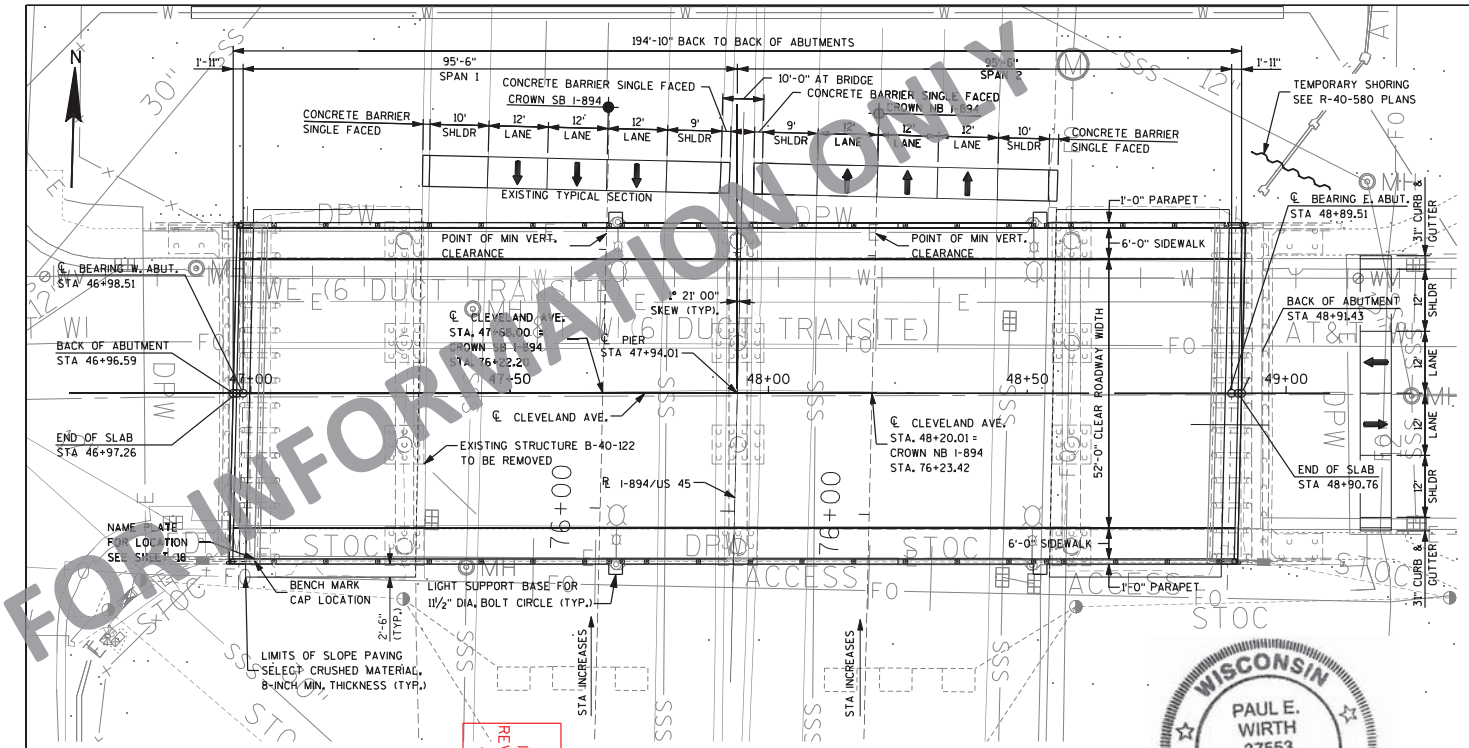


STA 21+00 TO 21+00

PROJECT NO: 1060-33-81	HWY: IH 94/IH 894/USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP EWP	SHEET 6319	E

FILE NAME : W:\Cadd\Final\10603381_Z2\Roads\cds\090611_xs_EWP.dgn PLOT DATE : 11-AUG-2015 14:10 PLOT BY : mscgz1 PLOT NAME : 090611_xs_EWP11 PLOT SCALE : 20:1

WISDOT/CADDS SHEET 21

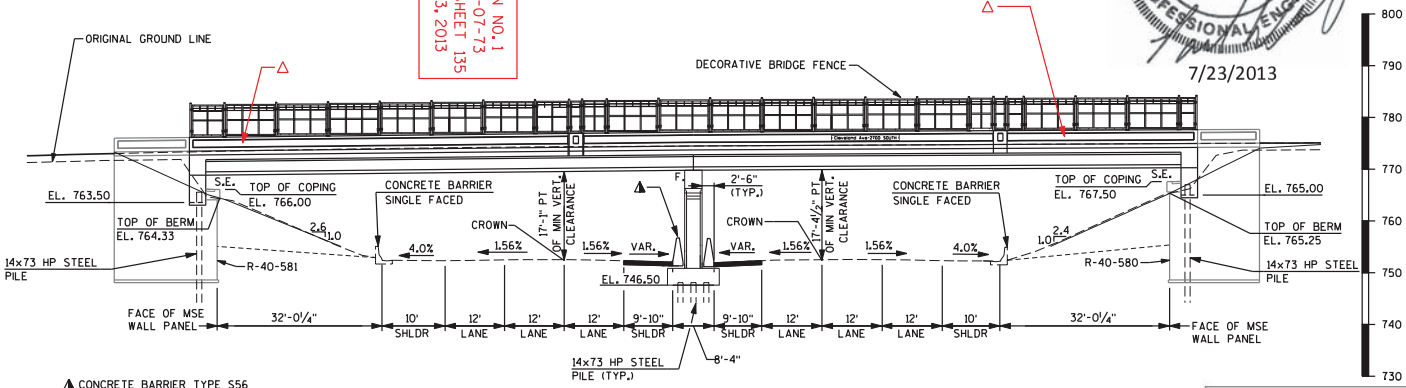


FOR INFORMATION ONLY

REVSION NO.1
ID 1090-07-73
REVISED SHEET 135
JULY 23, 2013

PLAN

2 SPAN - 36W" PRESTRESSED GIRDRERS



⚠ CONCRETE BARRIER TYPE S56

ELEVATION

NORMAL TO I-894
(LOOKING NORTH)

WISCONSIN
PAUL E. WIRTH
37553
MILWAUKEE, WI
PROFESSIONAL ENGINEER
7/23/2013

DESIGN DATA

LIVE LOAD
DESIGN LOADING: HL-93
INVENTORY RATING FACTOR: RF=1.12
OPERATING RATING FACTOR: RF=1.59
WISCONSIN STANDARD PERMIT VEHICLE(WIS-SPV) = 250 KIPS

THE STRUCTURE IS DESIGNED FOR A FUTURE WEARING SURFACE OF 20 PSF.

ULTIMATE DESIGN STRESSES:
CONCRETE MASONRY SLAB: f'c = 4,000 psi ALL OTHER: f'c = 4,000 psi
BAR STEEL REINFORCEMENT, GRADE 60 ——— fy = 60,000 psi
36W" PRESTRESSED GIRDERS, CONCRETE MASONRY ——— f'c = 9,250 psi
STRANDS - 0.6" DIA. WITH ULTIMATE TENSILE STRENGTH OF 270,000 psi
STRUCTURAL CARBON STEEL ASTM A709 GRADE 36 ——— fy = 36,000 psi
HIGH STRENGTH STRUCTURAL STEEL ASTM A709 GRADE 50 ——— fy = 50,000 psi

FOUNDATION DATA

ABUTMENTS TO BE SUPPORTED ON 14x73 HP STEEL PILING WITH A REQUIRED DRIVING RESISTANCE OF 230 TONS* PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC EQUATION. ESTIMATED AT 95'-0" LONG.

PIER TO BE SUPPORTED ON 14x73 HP STEEL PILING WITH A REQUIRED DRIVING RESISTANCE OF 200 TONS* PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC EQUATION. ESTIMATED AT 75'-0" LONG.

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

LIST OF DRAWINGS

1. GENERAL PLAN
2. CROSS SECTION
3. GENERAL NOTES AND QUANTITIES
4. SUBSURFACE EXPLORATION
5. WEST ABUTMENT
6. WEST ABUTMENT DETAILS
7. EAST ABUTMENT
8. EAST ABUTMENT DETAILS
9. ALTERNATE CONSTRUCTION JOINT
10. PIER
11. PIER DETAILS 1
12. PIER DETAILS 2
13. 36W" PRESTRESSED GIRDER DETAILS 1
14. 36W" PRESTRESSED GIRDER DETAILS 2
15. FRAMING PLAN
16. STEEL DIAPHRAGMS
17. SUPERSTRUCTURE
18. SUPERSTRUCTURE DETAILS 1
19. SUPERSTRUCTURE DETAILS 2
20. SUPERSTRUCTURE DETAILS 3
21. SUPERSTRUCTURE DETAILS 4
22. LIGHT SUPPORT DETAILS
23. DECORATIVE BRIDGE FENCE
24. DECORATIVE BRIDGE FENCE DETAILS 1
25. DECORATIVE BRIDGE FENCE DETAILS 2
26. DECORATIVE BRIDGE FENCE DETAILS 3
27. AESTHETIC DETAILS

TRAFFIC VOLUME

IH 894
ADT = 150,180 (2012)
ADT = 160,000 (2032)
DESIGN SPEED = 60 MPH

CLEVELAND AVE
ADT = 10,396 (2012)
DESIGN SPEED = 40 MPH

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

CONSULTANT CONTACT;
PAUL WIRTH (262-901-2500)

NO.	DATE	REVISION	BY
△	7/23/13	Parapet Recess Revision	PEW

Plan Sheet Accepted By WISDOT
BUREAU OF STRUCTURES

STATE PROJECT NUMBER
1090-07-73

Addendum No. 01
ID 1060-33-81
Added Sheet 6680A
August 17, 2015

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ _____
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-40-884

CLEVELAND AVENUE OVER IH 894

COUNTY MILWAUKEE | ~~TOWN/CITY/VILLAGE~~ WEST ALLIS

DESIGN SPEC. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

DESIGNED BY	PEW	DESIGN CK'D.	RDW	DRAWN BY	JRM	PLANS CK'D.	RDW

GENERAL PLAN

SHEET 1 OF 27

6680A

8

8

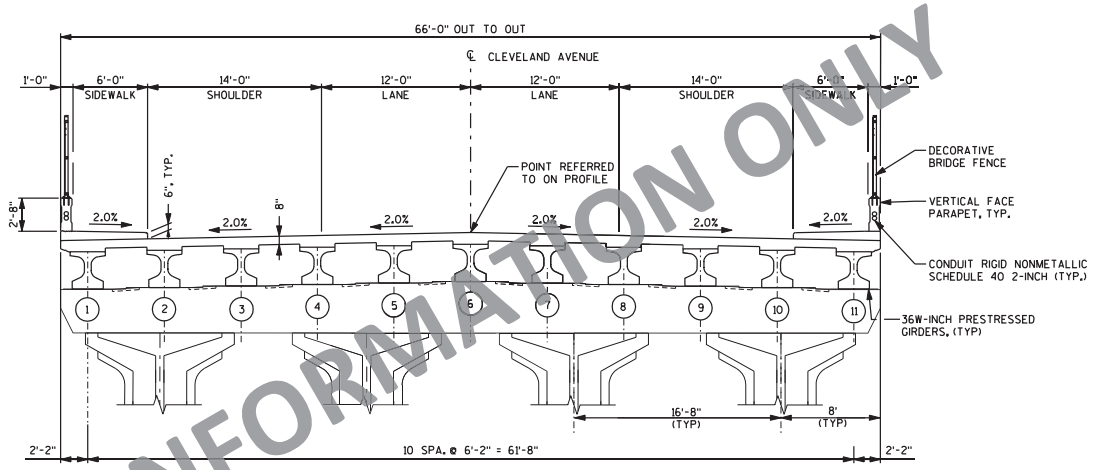
Pdf_bw_HS.plt
PEI_TextSub.tbl

FILE NAME : p:\milwaukee\projects\wisdot\21152.022\cleveland\cadd\sheets\08_884_0101_gp.dgn PLOT DATE : 7/23/2013 11:19:50 AM PLOT BY : Paul Wirth (Rdwy_Wis) PLOT NAME : PLOT SCALE : 24.0000 sf / IN.

ISS
BR0002

FOR INFORMATION ONLY

STATE PROJECT NUMBER
1090-07-73

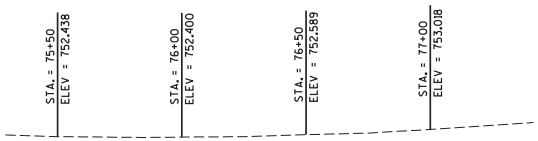


PROPOSED BRIDGE CROSS SECTION

(LOOKING EAST)

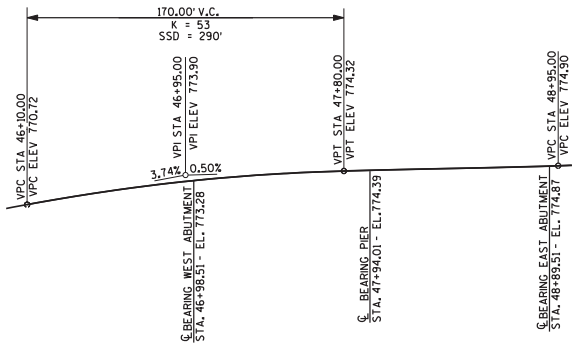
EXISTING PROFILE GRADE LINE - IH 894 SB

(ALONG CROWN STATION INCREASE TO NORTH)



EXISTING PROFILE GRADE LINE - IH 894 NB

(ALONG CROWN STATION INCREASE TO NORTH)



PROPOSED PROFILE GRADE LINE - CLEVELAND AVE.

Addendum No. 01
ID 1060-33-81
Added Sheet 6680B
August 17, 2015

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-40-884

DRAWN BY	JRM	PLANS CK'D.	RDW

CROSS SECTION

SHEET 2 OF 27

6680B

8

8

Pdf_Dw_HS.plt
PEI_TextSub.tbl

FILE NAME : p:\milwaukee\projects\wisdot\21152.022\cleveland\cadd\sheets\08_884_0201_qty.dgn PLOT DATE : 2/6/2013 3:24:59 PM PLOT BY : Paul Wirth (Rdwy_Wis) PLOT NAME : PLOT SCALE : 10.0008 sf / IN.

FILE=
SCALE =

STATE PROJECT NUMBER
1090-07-73

TOTAL ESTIMATED QUANTITIES

ITEM NO.	BID ITEM	UNIT	WEST ABUTMENT	PIER	EAST ABUTMENT	SUPER	TOTAL
203.0200	REMOVE OLD STRUCTURE (STA. 47+94.01)	LS	———	———	———	———	1
203.0225.S	DEBRIS CONTAINMENT STRUCTURE B-40-884	LS	———	———	———	———	1
204.0175	REMOVING CONCRETE SLOPE PAVING	SY	285	———	285	———	570
206.1000	EXCAVATION FOR STRUCTURES BRIDGES (B-40-884)	LS	———	———	———	———	1
502.0100	CONCRETE MASONRY BRIDGES	CY	43	188	43	535	809
502.3200	PROTECTIVE SURFACE TREATMENT	SY	———	———	———	1450	1450
503.0137	PRESTRESSED GIRDER TYPE I 36W-INCH	LF	———	———	———	2110	2110
505.0605	BAR STEEL REINFORCEMENT HS COATED BRIDGES	LB	3590	40260	3590	109860	157300
506.2605	BEARING PADS ELASTOMERIC NON-LAMINATED	EACH	11	22	11	———	44
506.4000	STEEL DIAPHRAGMS (B-40-884)	EACH	———	———	———	40	40
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	12	———	12	———	24
550.1140	PILING STEEL HP 14-INCH X 73	LF	1045	2700	1045	———	4790
604.0400	SLOPE PAVING CONCRETE	SY	17	———	17	———	34
604.0600	SLOPE PAVING SELECT CRUSHED MATERIAL	SY	275	———	275	———	550
652.0225	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	LF	———	———	———	780	780
653.0222	JUNCTION BOXES TYPE NJ-NJ	EACH	———	———	———	4	4
657.6005.S	ANCHOR ASSEMBLIES LIGHT POLES ON STRUCTURES	EACH	———	———	———	4	4
SPV.0090.01	FENCE DECORATIVE BRIDGE	LF	———	———	———	390	390
SPV.0165.04	CONCRETE STAINING B-40-884	SF	370	2000	370	5560	8300
	NON-BID ITEMS						
	PREFORMED JOINT FILLER	SIZE					3/4"
	NON-BITUMINOUS JOINT FILLER	SIZE					3/4"
	CORK FILLER	SIZE					3/4"
	NAME PLATE	EACH					1

ALL ITEMS ARE CATERGORY 0020

FOR INFORMATION ONLY

GENERAL NOTES

BENDING DIMENSIONS FOR REINFORCING BARS SHOWN ARE OUT-TO-OUT.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

THE REINFORCING BARS SHALL BE EPOXY COATED.

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

THE UTILITY INFORMATION SHOWN ON THESE DRAWINGS CONCERNING THE TYPE AND LOCATION OF EXISTING UTILITY INSTALLATIONS IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR SHALL MAKE THE DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES NECESSARY TO AVOID DAMAGE.

INFORMATION ON THESE DRAWINGS RELATING TO THE EXISTING BRIDGE IS BASED UPON DRAWINGS AVAILABLE FROM THE WISCONSIN DEPARTMENT OF TRANSPORTATION. NO GUARANTY OR WARRANTY IS MADE THAT THE INFORMATION IS ALL INCLUSIVE OR COMPLETELY ACCURATE. THE CONTRACTOR SHALL MAKE THE DETERMINATION OF THE ACTUAL CONDITIONS TO BE ENCOUNTERED.

THIS STRUCTURE WILL REPLACE B-40-122 WHICH IS A FOUR-SPAN PRESTRESED CONCRETE GIRDER BRIDGE APPROXIMATELY 202'LONG AND 66'WIDE. SUPPORTED ON CONCRETE ABUTMENTS AND CONCRETE PIERS. THE CONTRACTOR SHALL REMOVE ALL ELEMENTS OF THE EXISTING BRIDGE THAT INTERFERE WITH THE CONSTRUCTION OF THE PROPOSED BRIDGE.

ALL STATIONS AND ELEVATIONS ARE IN FEET.

AT ABUTMENTS ALL EXCAVATED VOLUME NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED AND PAID FOR UNDER STRUCTURE R-40-580 AND R-40-581.

ALL ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM NAVD88 (2007).

DRAWINGS SHALL NOT BE SCALED.

FILLER SHALL CONFORM TO THE REQUIREMENTS OF AASHTO DESIGNATION M153, TYPES I, II OR III; OR AASHTO DESIGNATION M213.

ALL CONTRACTORS EQUIPMENT MUST MAINTAIN THE MINIMUM OSHA CLEARANCE FROM ATC AND WE ENERGIES OVERHEAD FACILITIES AS DESCRIBED IN OSHA'S GUIDELINES FOR CLEARANCES. ALL CONTRACTORS SHOULD INCOPORATE ANY ADDITIONAL COSTS ASSOCIATED WITH WORKING AROUND EXISTING ATC AND WE ENERGIES FACILITIES INTO THEIR BID, AS ATC AND WE ENERGIES BELIEVES THEY DO NOT IMPOSE ANY DIRECT CONFLICTS WITH THE SCOPE OF THIS PROJECT.

FILL/EXCAVATE TO BOTTOM OF THE MSE WALLS AND PIER ELEVATION BEFORE DRIVING PILING.

THE EXISTING GROUND LINE SHALL BE USED AS THE UPPER LIMITS OF EXCAVATION AT THE PIER.

THE HAUNCH CONCRETE QUANTITY IS BASED ON THE AVERAGE HAUNCH SHOWN ON THE PRESTRESSED GIRDER DETAILS SHEET.

PROVIDE A ¾" CHAMFER OR RADIUS ON ALL EXPOSED CONCRETE EDGES.

THE ELASTOMERIC BEARING PADS NON-LAMINATED NEED NOT BE INDIVIDUALLY MOLDED PROVIDED THE CUT EDGES ARE SMOOTH AND TRUE.

PROTECTIVE SURFACE TREATMENT IS TO BE APPLIED TO THE TOP OF THE DECK, TOP OF PARAPETS, TOP OF SIDEWALK, AND FACE OF CURBS.

PILE SPLICES SHALL BE MADE BY A CERTIFIED WELDER.

THE CONTRACTOR MUST COORDINATE THE REMOVAL OF EXISTING STRUCTURE B-40-122 AND CONSTRUCTION OF B-40-884 ABUTMENTS WITH RETAINING WALLS R-40-580 AND R-40-581.

WISCONSIN
PAUL E. WIRTH
37553
MILWAUKEE, WI
PROFESSIONAL ENGINEER

3/27/2013

William C. Dreher KAR 03/28/13

Addendum No. 01
ID 1060-33-81
Added Sheet 6680C
August 17, 2015

NO.	DATE	REVISION	BY
1	3/27/13	QUANTITY REVISION	PEW

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION
STRUCTURE B-40-884R

DRAWN BY JRM | PLANS CK'D. RDW

GENERAL NOTES & QUANTITIES

SHEET 3 OF 27

6680C

8

8

Pdf_Dw_HS.plt
PEI_TEXTSUB.TBL

FILE NAME : P:\Milwaukee\Projects\WisDOT\21152.022\Cleveland\CADD\Sheets\08_884_0202_qty.dgn PLOT DATE : 3/27/2013 10:49:17 AM PLOT BY : Kurt Feuerstein (Rdwy_Wis) PLOT NAME : PLOT SCALE : 12.0000 sf / IN.

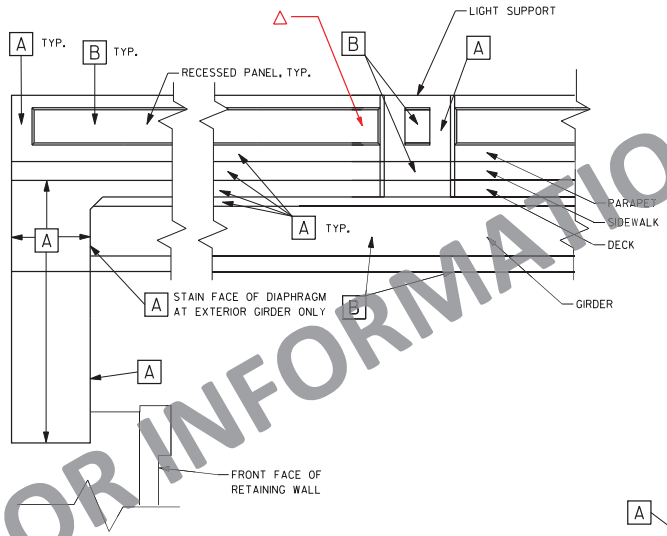
FILE= SCALE =

STATE PROJECT NUMBER
1090-07-73

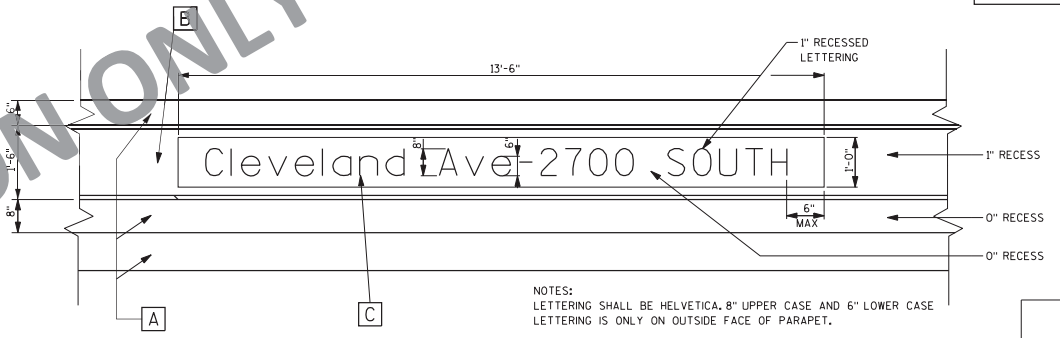
10900773-00031S

Addendum No. 01
ID 1060-33-81
Added Sheet 6680D
August 17, 2015

FOR INFORMATION ONLY



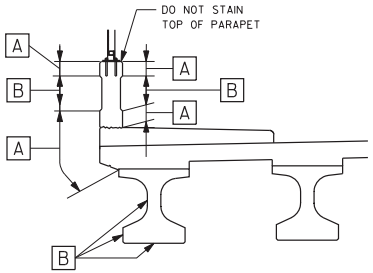
OUTSIDE ELEVATION OF PARAPET



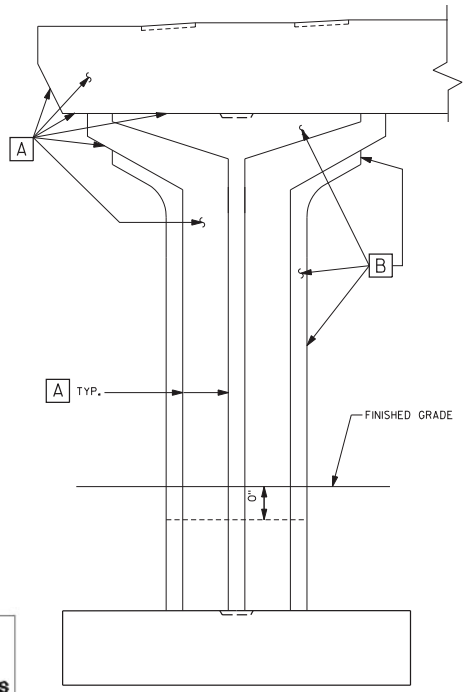
INDENTED TEXT
EXTERIOR FACE OF PARAPET ONLY

REVSION NO. 1
ID 1090-07-73
REVISED SHEET 161
JULY 23, 2013

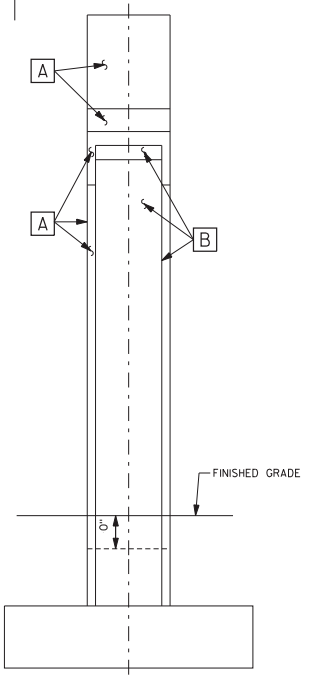
7/23/2013



ELEVATION OF DECK



ELEVATION OF PIER



ELEVATION OF PIER
LOOKING NORTH (FROM SOUTH END)

CONCRETE STAINING SCHEDULE

MARK	COLOR	LOCATION	NOTES
A	BASE COLOR	PARAPETS	BOTH SIDES, EXCEPT AS NOTED FOR ACCENT COLORS
		SIDEWALKS	FASCIA & EXPOSED UNDERSIDE
		DECK	FASCIA & EXPOSED UNDERSIDE TO EXTERIOR GIRDER FLANGE
		ABUTMENT	FRONT FACE FROM TOP OF ABUTMENT TO 6" BELOW TOP OF RETAINING WALL COPING
		PIERS	SIDES AND BOTTOM OF CAP BEAM, AND COLUMNS TO ~~1'-0" BELOW~~ FINISHED GRADE EXCEPT AS NOTED FOR ACCENT COLORS
B	ACCENT COLOR #1	PIERS, GIRDERS, PARAPETS	REVEALS ON COLUMNS, EXTERIOR FACE AND UNDERSIDE OF EXTERIOR GIRDERS, REVEALS ON PARAPETS
C	ACCENT COLOR #3	PARAPETS	LETTERING AT ROADWAY NAME

THE FINAL COLOR OF THE CONCRETE FOLLOWING APPLICATION OF THE STAIN SYSTEM SHALL MATCH THE SHERWIN-WILLIAMS STANDARD COLOR SYSTEM LISTED.

BASE COLOR:	WHOLE WHEAT - SW 6121, FN 122	FEDERAL COLOR - 33564
ACCENT COLOR #1	BAGUETTE - SW 6123, FN 124	FEDERAL COLOR - 33448
~~ACCENT COLOR #2~~	~~DENIM - SW 6523~~	
ACCENT COLOR #3	BLACK - FEDERAL COLOR 37038	

Plan Sheet Accepted By WISDOT
BUREAU OF STRUCTURES

NO.	DATE	REVISION	BY
△	7/23/13	Parapet Recess Revision	PEW

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION
STRUCTURE B-40-884

DRAWN BY JRM | PLANS CK'D. RDW

AESTHETIC DETAILS

SHEET 27 OF 27

6680D

8

8

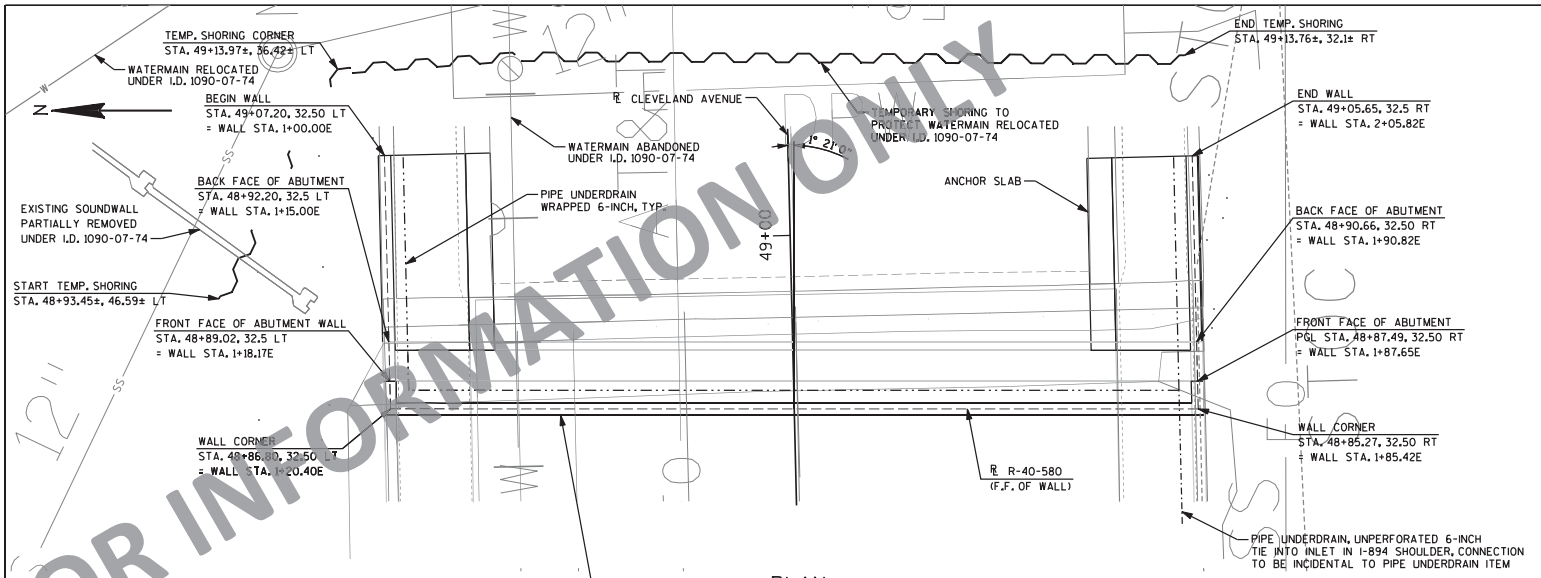
Pdf_Dw_HS.plt
PEI_TextSub.tbl

FILE NAME : p:\milwaukee\projects\wisdot\21152.022\cleveland\cadd\sheets\08_884_1002archdet.dgn PLOT DATE : 7/23/2013 11:20:33 AM PLOT BY : Paul Wirth (Rdwy_Wis) PLOT NAME : PLOT SCALE : 4.9999 sf / IN.

FILE= SCALE =

SS

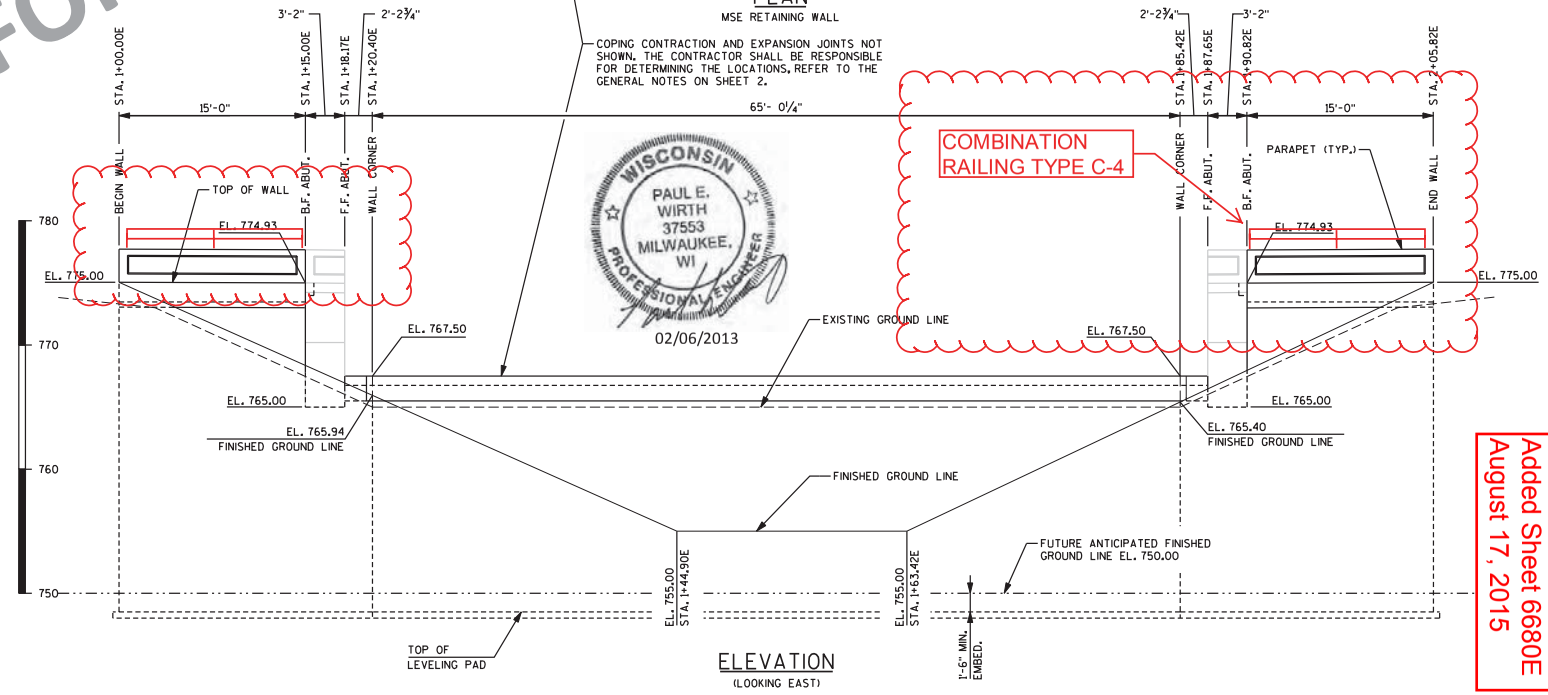
BR0002



PLAN

MSE RETAINING WALL

COPING CONTRACTION AND EXPANSION JOINTS NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE LOCATIONS, REFER TO THE GENERAL NOTES ON SHEET 2.



ELEVATION

(LOOKING EAST)

WISCONSIN
PAUL E. WIRTH
37553
MILWAUKEE, WI
PROFESSIONAL ENGINEER
02/06/2013

FOR INFORMATION ONLY

STATE PROJECT NUMBER
1090-07-73

DESIGN DATA

THE CONTRACTOR SHALL PROVIDE COMPLETE DESIGN, PLANS, DETAILS, SPECIFICATIONS, AND SHOP DRAWINGS FOR THE RETAINING WALLS IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE RETAINING WALL MANUFACTURER SHALL PROVIDE TECHNICAL ASSISTANCE TO THE CONTRACTOR DURING CONSTRUCTION. THE COST OF FURNISHING THESE ITEMS SHALL BE INCLUDED IN THE BID ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFD/OMP PILOT".

PLANS, ELEVATIONS AND DETAILS SHOWN ON THESE DRAWINGS ARE INTENDED TO INDICATE WALL LOCATIONS, LENGTHS, HEIGHTS, AND DETAILS COMMON TO THE WALL SYSTEM SELECTED. THE CONTRACTOR SHALL VERIFY THAT THE WALL SYSTEM SELECTED WILL CONFORM TO THE REQUIRED ALIGNMENTS AND DETAILS.

THE RETAINING WALL IS TO BE DESIGNED USING THE ELEVATIONS GIVEN ON THIS SHEET.

THE RETAINING WALL DESIGN SHALL USE THE FUTURE ANTICIPATED FINISHED GROUND LINE ELEVATION TO DETERMINE THE MAXIMUM WALL HEIGHTS.

PROVIDE WALL CORNER DETAILS THAT WILL ALLOW FOR FUTURE EXTENSION OF THE RETAINING WALL PARALLEL TO THE ROADWAY.

DESIGN THE RETAINING WALL IN FRONT OF THE ABUTMENT BODY TO RESIST THE FORCE FROM ALL HORIZONTAL EARTH PRESSURE ACTING ON THE BACK OF THE ABUTMENT BELOW THE BEAM SEATS.

DESIGN THE RETAINING WALL FOR A LIVE LOAD SURCHARGE OF 240 PSF.

THE MAXIMUM VALUE OF THE ANGLE OF INTERNAL FRICTION OF THE WALL BACKFILL MATERIAL IN THE REINFORCED ZONE SHALL BE ASSUMED TO BE 30° WITHOUT CERTIFIED TEST VALUES.

ALLOWABLE WALL SYSTEMS:
WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFD

ULTIMATE DESIGN STRESSES:
CONCRETE MASONRY
(PARAPET, SIDEWALK, ANCHOR SLAB AND COPING) f'c = 3,500 PSI
BAR STEEL REINFORCEMENT, GRADE 60 fy = 60,000 PSI

LIST OF DRAWINGS

1. GENERAL PLAN
2. GENERAL NOTES AND QUANTITIES
3. SUBSURFACE EXPLORATION
4. WALL DETAILS
5. ANCHOR SLAB DETAILS
6. AESTHETIC WALL TREATMENT DETAILS

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

CONSULTANT CONTACT:
PAUL WIRTH (262) 901-2500

NO.	DATE	REVISION	BY

Addendum No. 01
ID 1060-33-81
Added Sheet 6680E
August 17, 2015

PATRICK ENGINEERING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED William C. Dreher FOR 02/06/13
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE R-40-580

CLEVELAND AVENUE OVER IH 894

COUNTY MILWAUKEE | ~~TOWN/CITY/VILLAGE~~ WEST ALLIS

DESIGN SPEC. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

DESIGNED BY	PEW	DESIGN CK'D.	RLD	DRAWN BY	JRM	PLANS CK'D.	RLD

GENERAL PLAN

SHEET 1 OF 6

6680E

8

8

Pdf_bw_HS.plt
PEI_TextSub.tbl

STATE PROJECT NUMBER
1090-07-73

TOTAL ESTIMATED QUANTITIES

	ITEM NO.	BID ITEM	UNIT	TOTAL
	206.3000	EXCAVATION FOR STRUCTURES RETAINING WALLS (R-40-580)	LS	1
	206.6000.S	TEMPORARY SHORING	SF	2520
	210.0100	BACKFILL STRUCTURE	CY	100
	502.3200	PROTECTIVE SURFACE TREATMENT	SY	32
**	504.0500	CONCRETE MASONRY RETAINING WALLS	CY	19
**	505.0615	BAR STEEL REINFORCEMENT HS COATED RETAINING WALLS	LB	1,730
	612.0206	PIPE UNDERDRAIN UNPERFORATED 6-INCH	LF	40
	612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	105
	652.0225	CONDUIT RIGID NONMETALLIC SHCEDULE 40 2-INCH	LF	72
	SPV.0165.01	WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFD/OMP PILOT	SF	2,240
	SPV.0165.02	CONCRETE STAINING R-40-580	SF	~~970~~
		NON-BID ITEM		
		PRE-FORMED JOINT FILLER	SIZE	¾"
		NON-BITUMINOUS JOINT SEALER	SIZE	¾", 1"
		CORK FILLER	SIZE	1"

ALL ITEMS ARE CATEGORY 0030

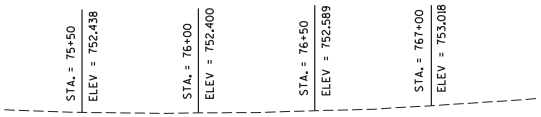
** QUANTITY INCLUDES ANCHOR SLAB AND PARAPET

WALL EXTERNAL AND OVERALL STABILITY EVALUATION

DIMENSIONS					
WALL HEIGHT (FEET)[1]	26.6	19.0			
EXPOSED WALL HEIGHT (FEET)[2]	25.1	17.5			
MINIMUM LENGTH OF REINFORCEMENT (FEET)	26.0	27.0			
WALL STATION	1+00.00	1+53.00			
BORING USED	C-06	C-03			
CAPACITY TO DEMAND RATIO (CDR)					
SLIDING (CDR > 1.0)	1.01	1.03			
ECCENTRICTY (CDR > 1.0)	1.92	2.64			
FACTORED BEARING RESISTANCE (PSF)	9,300	9,300			
BEARING RESISTANCE (CDR > 1.0)	1.58	1.78			
OVERALL STABILITY (CDR > 1.0)	1.06	1.10			

NOTES:

1. THE WALL HEIGHT INCLUDES AN EMBEDMENT OF 1.5 FEET BELOW THE FUTURE ANTICIPATED GRADE LINE.
2. THE EXPOSED WALL HEIGHT IS BASED ON THE FUTURE ANTICIPATED GRADE LINE.
3. THE WALL STABILITY EVALUATION INCLUDED A SURCHRAGE LOAD THAT WAS EQUAL TO THE WEIGHT OF THE SOIL BEHIND THE ABUTMENT.

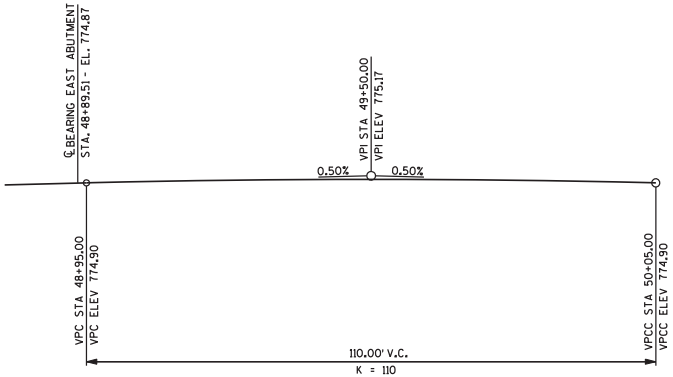


EXISTING PROFILE GRADE LINE - IH 894 NB

(ALONG CROWN STATION INCREASE TO NORTH)

SOIL PARAMETERS

SOIL DESCRIPTIONS & STRATUM LOCATIONS	FRICTION ANGLE (DEGREES)	COHESION (PSF)	UNIT WEIGHT (PCF)
GRANULAR BACKFILL WITHIN THE WALL IN THE WALL REINFORCING ZONE	30	0	120
FILL BEHIND THE REINFORCING ZONE	29	0	130
BORING C-3, STA. 49+06.09- LT 19.10, C-6, STA. 49+32.28- LT 50.54, C-7, 49+18.43- RT 43.61			
FILL, SAND, GRAVEL AND CLAY, BROWN, MOIST. ELEVATION 773.9 FEET TO 767.9 FEET	31	0	125
CLAY AND TRACE SAND, HARD TO STIFF ELEVATION 767.9 FEET TO 756.9 FEET	0	1500	125
GRAY LEAN CLAY, TRACE GRAVEL AND SAND, HARD TO STIFF ELEVATION 756.9 FEET TO 740.9 FEET	0	1500	130
GRAY LEAN CLAY, TRACE SAND AND GRAVEL, VERY STIFF ELEVATION 740.9 FEET TO 725.9 FEET	0	2750	130
FILGRAY LEAN CLAY, SAND AND GRAVEL, DENSE ELEVATION 725.9 FEET TO 673.9 FEET	0	5000	135



PROPOSED PROFILE GRADE LINE - CLEVELAND AVE.

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

THE FIRST OR FIRST TWO DIGITS OF A BAR MARK SIGNIFIES THE BAR SIZE.

BEVEL EXPOSED EDGES OF CONCRETE ¾", UNLESS NOTED OTHERWISE.

APPLY PROTECTIVE SURFACE TREATMENT TO THE TOP OF THE CONCRETE PARAPETS, TOP OF SIDEWALKS, FACE OF CURBS AND TOP OF CURB FLANGES.

THE 'E' STATION LINE SIGNIFIES THE WALL ℄ LINE STATIONING ALONG THE FRONT FACE OF R-40-580.

ALL WALL STATIONING AND OFFSETS ARE GIVEN AT THE FRONT FACE OF WALL.

COORDINATE CONSTRUCTION OF THE WALL WITH THE EAST ABUTMENT CONSTRUCTION FOR BRIDGE B-40-884.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE LOCATIONS OF ALL EXPANSION AND CONTRACTION JOINTS. LOCATE THE JOINTS TO COINCIDE WITH THE VERTICAL MSE WALL PANEL JOINTS.

THE PLAN QUANTITY FOR THE BID ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFD/OMP PILOT" IS BASED ON A WALL HEIGHT MEASURED FROM THE TOP OF THE WALL TO THE TOP OF THE LEVELING PAD.

THE QUANTITY OF CONCRETE MASONRY FOR THE CAST-IN-PLACE ANCHOR SLAB, SIDEWALK AND PARAPET IS PAID FOR UNDER THE BID ITEM "CONCRETE MASONRY RETAINING WALLS".

THE QUANTITIES AND REINFORCEMENT DETAILS ARE BASED ON AN ASSUMED WALL PANEL THICKNESS OF 5½" AND A 5" PANEL EMBEDMENT. FOR PANEL THICKNESS AND PANEL EMBEDMENT DIFFERENT THAN THESE VALUES, THE CONTRACTOR SHALL VERIFY REINFORCEMENT BAR DETAILS AND QUANTITIES AND WILL BE RESPONSIBLE FOR ANY QUANTITY VARIATIONS.

FILLER SHALL CONFORM TO THE REQUIREMENTS OF AASHTO DESIGNATION M153, TYPES I, II OR III OR M213.

ALL CONTRACTORS EQUIPEMENT MUST MAINTAIN THE MINIMUM OSHA CLEARANCE FROM ATC AND WE ENERGIES OVERHEAD FACILITIES AS DESCRIBED IN OSHA'S GUIDELINES FOR CLEARANCES. ALL CONTRACTORS SHOULD INCORPORATE ANY ADDITIONAL COSTS ASSOCIATED WITH WORKING AROUND EXISTING ATC AND WE ENERGIES FACILITIES INTO THEIR BID. AS ATC AND WE ENERGIES BELIEVE THEY DO NOT IMPOSE ANY DIRECT CONFLICTS WITH THE SCOPE OF THIS PROJECT.

FOR INFORMATION ONLY

Addendum No. 01
ID 1060-33-81
Added Sheet 6680F
August 17, 2015

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE R-40-580

DRAWN BY JRM | PLANS CK'D. RLD

GENERAL NOTES & QUANTITIES

SHEET 2 OF 6

6680F

8

8

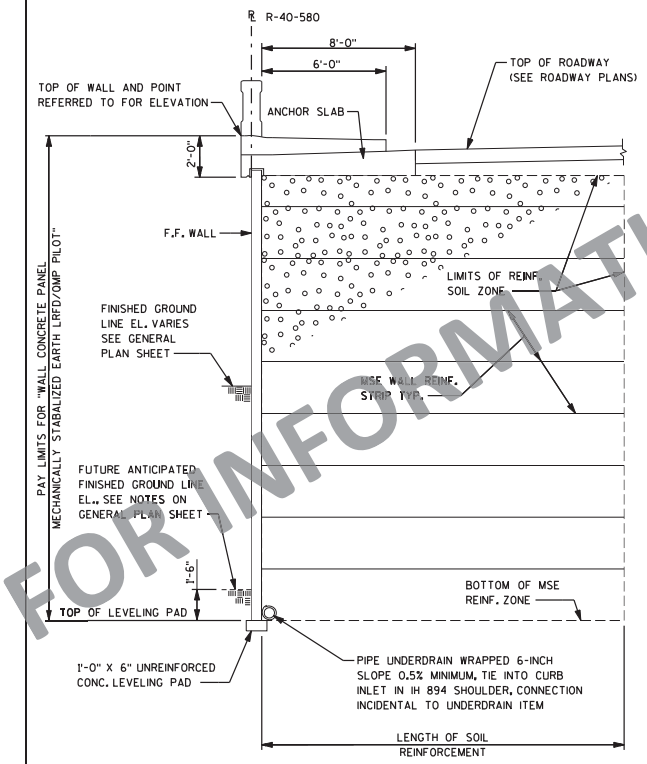
Pdf_Dw_HS.plt
PEI_TextSub.tbl

FILE = SCALE =

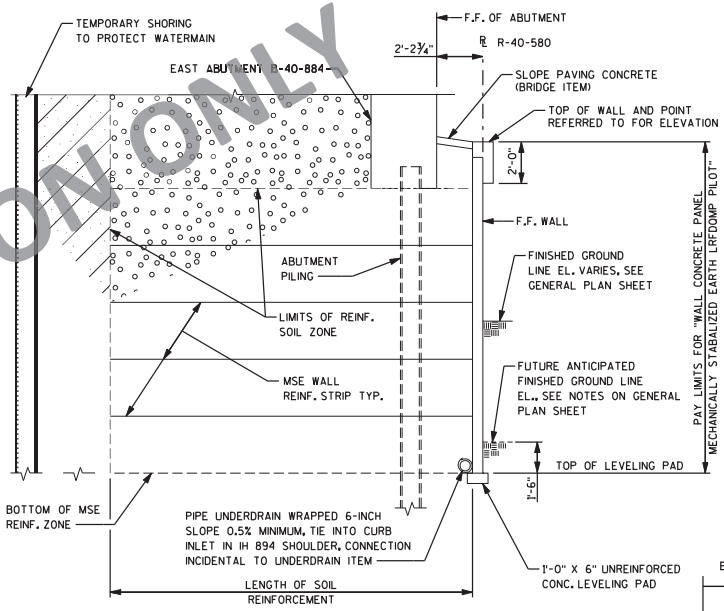
FILE NAME : p:\milwaukee\projects\wisdot\21152.022\cleveland\cadd\sheets\08_580_0201qty.dgn PLOT DATE : 2/6/2013 10:10:10 AM PLOT BY : Paul Wirth (Rdwy_Wis) PLOT NAME : PLOT SCALE : 24.0000 sf / IN.

STATE PROJECT NUMBER

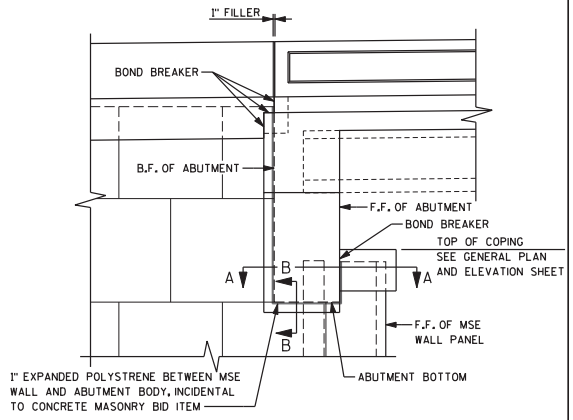
1090-07-73



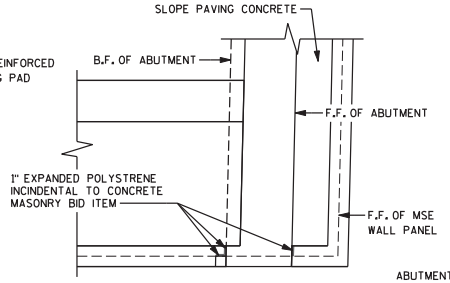
SECTION THRU RETAINING WALL



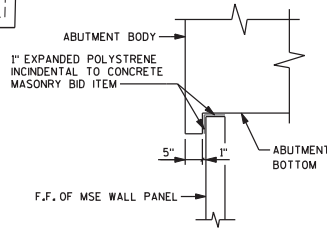
SECTION THRU RETAINING WALL AT ABUTMENT



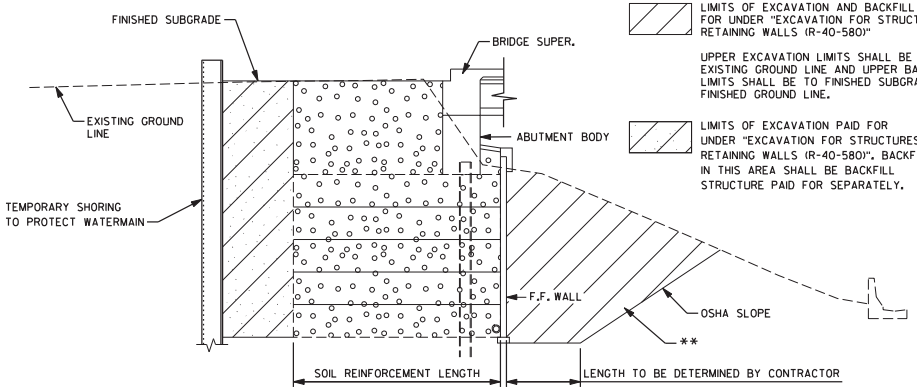
ABUTMENT/MSE WALL INTERFACE



SECTION A-A



SECTION B-B



SECTION PARALLEL WITH CLEVELAND AVE

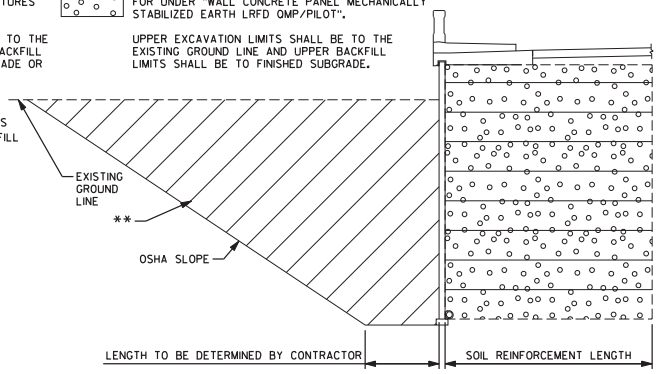
LIMITS OF EXCAVATION AND BACKFILL PAID FOR UNDER "EXCAVATION FOR STRUCTURES RETAINING WALLS (R-40-580)"

UPPER EXCAVATION LIMITS SHALL BE TO THE EXISTING GROUND LINE AND UPPER BACKFILL LIMITS SHALL BE TO FINISHED SUBGRADE OR FINISHED GROUND LINE.

LIMITS OF EXCAVATION PAID FOR UNDER "EXCAVATION FOR STRUCTURES RETAINING WALLS (R-40-580)". BACKFILL IN THIS AREA SHALL BE BACKFILL STRUCTURE PAID FOR SEPARATELY.

LIMITS OF EXCAVATION AND BACKFILL PAID FOR UNDER "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFD OMP/PILOT".

UPPER EXCAVATION LIMITS SHALL BE TO THE EXISTING GROUND LINE AND UPPER BACKFILL LIMITS SHALL BE TO FINISHED SUBGRADE.



SECTION PERPENDICULAR TO CLEVELAND AVE

** BACKFILL SHALL BE IN ACCORDANCE WITH SECTION 207 OF THE STANDARD SPECIFICATIONS CONTRACTOR MAY USE EXCAVATED MATERIAL WITH APPROVAL OF THE ENGINEER

EXCAVATION/BACKFILL DETAIL

FOR INFORMATION ONLY

Addendum No. 01
ID 1060-33-81
Added Sheet 6680G
August 17, 2015

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE R-40-580

DRAWN BY JRM | PLANS CK'D. RLD

WALL DETAILS

SHEET 4 OF 6

6680G

8

8

Pdf_Dw_HS.plt
PEI_TextSub.tbl

FILE NAME : p:\milwaukee\projects\wisdot\21152.022\cleveland\cadd\sheets\08_580_0401det-wall.dgn PLOT DATE : 2/6/2013 10:10:14 AM PLOT BY : Paul Wirth (Rdwy_Wis) PLOT NAME : PLOT SCALE : 6.0000 sf / IN.

FILE=
SCALE =

STATE PROJECT NUMBER
1090-07-73

FOR INFORMATION ONLY

CONCRETE STAINING SCHEDULE

FEDERAL COLOR - 33564

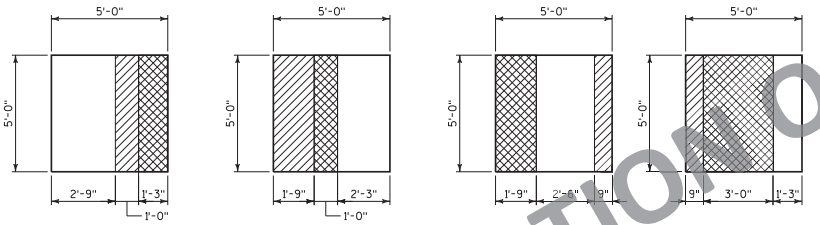
MARK	COLOR	LOCATION	NOTES
A	BASE COLOR	SINGLE SLOPED PARAPETS	EXTERIOR, EXCEPT AS NOTED FOR ACCENT COLORS
		VERTICAL FACE PARAPETS	BOTH SIDES, EXCEPT AS NOTED FOR ACCENT COLORS B
		WALLS	EXPOSED FACES TO ~~1'-0" BELOW~~ FINISHED GRADE

STAIN COLORS

THE FINAL COLORING OF THE CONCRETE FOLLOWING APPLICATION OF THE STAIN SYSTEM SHALL MATCH THE SHERWIN WILLIAMS STANDARD COLOR SYSTEM LISTED.

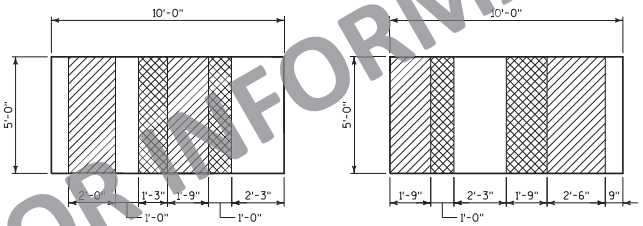
A BASE COLOR - WHOLE WHEAT - SW 6121 FEDERAL COLOR - 33564

B ACCENT COLOR #1 - BAGUETTE - SW 6123 FEDERAL COLOR - 33448

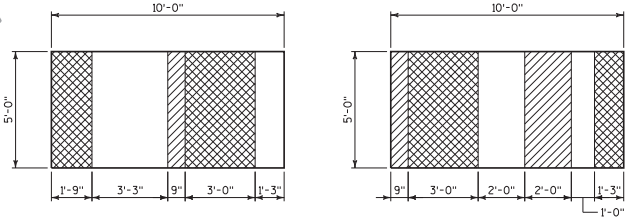


WALL PANEL "A" WALL PANEL "B" WALL PANEL "C" WALL PANEL "D"

5'-0" X 5'-0" MSE CONCRETE PANEL RAISED SURFACE DETAILS

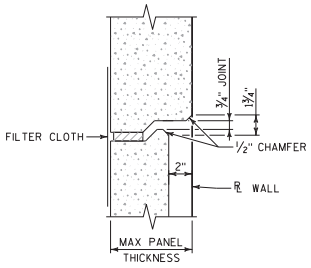


WALL PANEL "A" WALL PANEL "B"

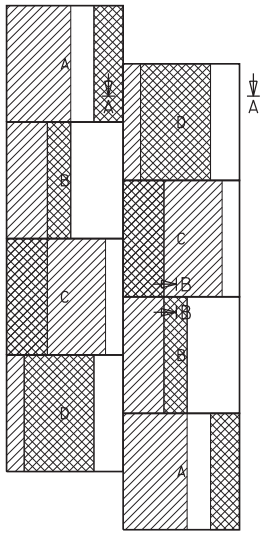


WALL PANEL "C" WALL PANEL "D"

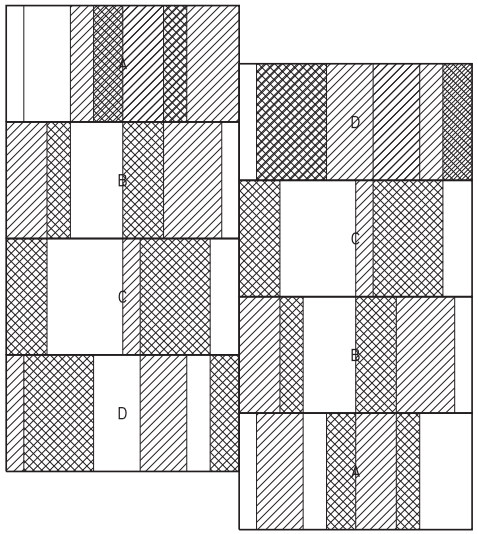
5'-0" X 10'-0" MSE CONCRETE PANEL RAISED SURFACE DETAILS



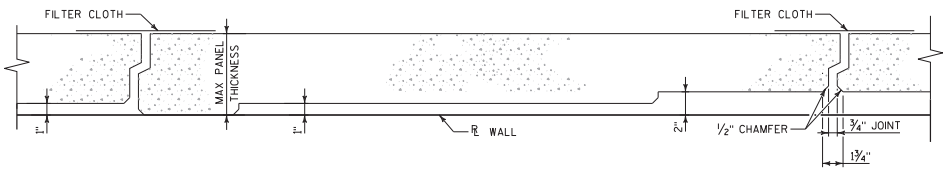
SECTION B-B



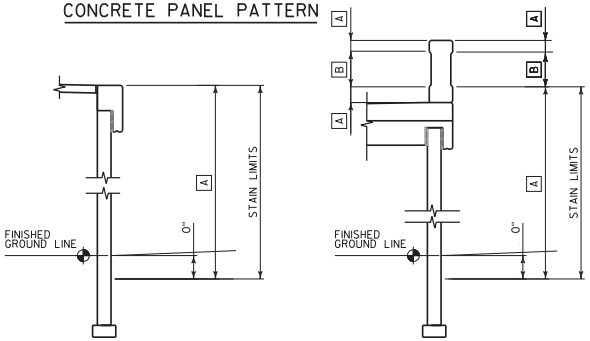
TYPICAL 5'-0" X 5'-0" MSE CONCRETE PANEL PATTERN



TYPICAL 5'-0" X 10'-0" MSE CONCRETE PANEL PATTERN



SECTION A-A



MSE WALL STAINING DIAGRAMS

LEGEND

- MIN PANEL THICKNESS + 0"
- MIN PANEL THICKNESS + 1"
- MIN PANEL THICKNESS + 2"

Addendum No. 01
ID 1060-33-81
Added Sheet 6680H
August 17, 2015

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE R-40-580

DRAWN BY JRM | PLANS CK'D. PEW

AESTHETIC WALL TREATMENT DETAILS

SHEET 6 OF 6

6680H

8

8

Pdf_Dw_HS.plt
PEI_TextSub.tbl

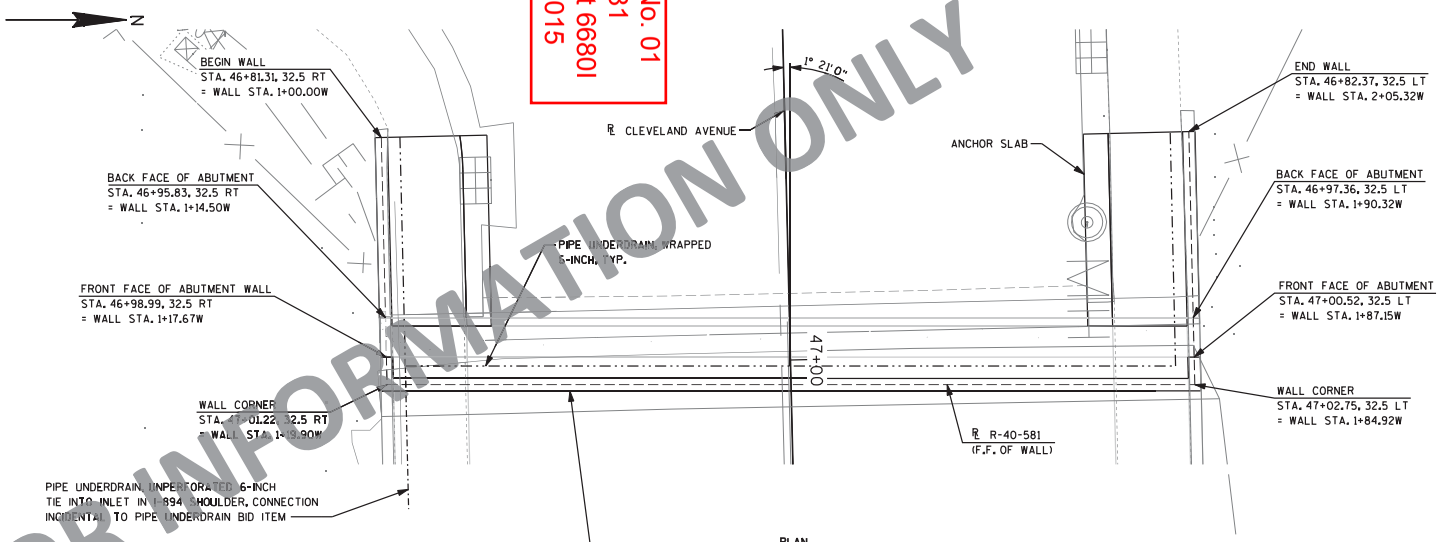
FILE NAME : p:\milwaukee\projects\wisdot\21152.022\cleveland\cadd\sheets\08_580_0501aesth.dgn PLOT DATE : 2/6/2013 10:10:16 AM PLOT BY : Paul Wirth (Rdwy_Wis) PLOT NAME : PLOT SCALE : 5:4 '=1n / IN.

FILE= SCALE =

Addendum No. 01
ID 1060-33-81
Added Sheet 66801
August 17, 2015

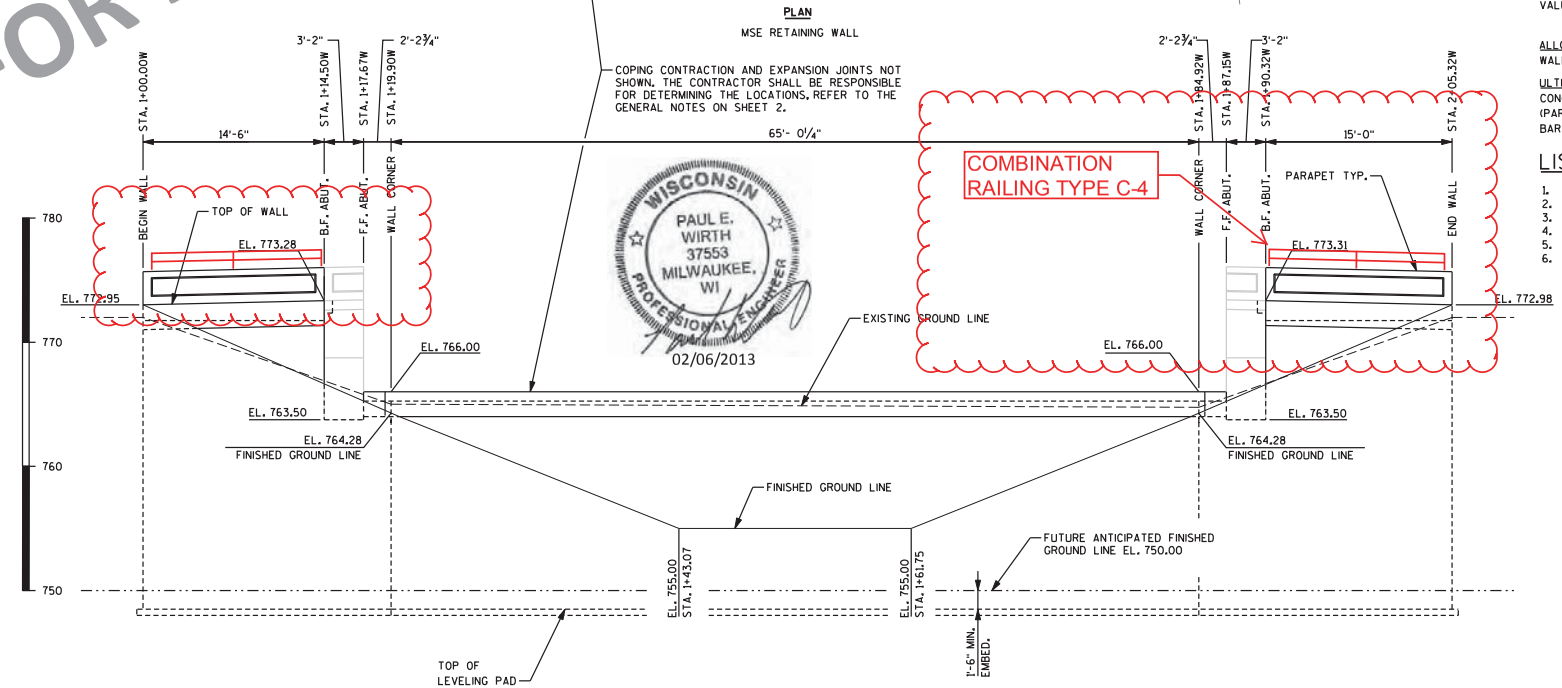
FOR INFORMATION ONLY

STATE PROJECT NUMBER
1090-07-73



PLAN

MSE RETAINING WALL



ELEVATION
(LOOKING WEST)

WISCONSIN
PAUL E. WIRTH
37553
MILWAUKEE, WI
PROFESSIONAL ENGINEER
02/06/2013

DESIGN DATA

THE CONTRACTOR SHALL PROVIDE COMPLETE DESIGN, PLANS, DETAILS, SPECIFICATIONS, AND SHOP DRAWINGS FOR THE RETAINING WALLS IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE RETAINING WALL MANUFACTURER SHALL PROVIDE TECHNICAL ASSISTANCE TO THE CONTRACTOR DURING CONSTRUCTION. THE COST OF FURNISHING THESE ITEMS SHALL BE INCLUDED IN THE BID ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFD/OMP PILOT".

PLANS, ELEVATIONS AND DETAILS SHOWN ON THESE DRAWINGS ARE INTENDED TO INDICATE WALL LOCATIONS, LENGTHS, HEIGHTS, AND DETAILS COMMON TO THE WALL SYSTEM SELECTED. THE CONTRACTOR SHALL VERIFY THAT THE WALL SYSTEM SELECTED WILL CONFORM TO THE REQUIRED ALIGNMENTS AND DETAILS.

THE RETAINING WALL IS TO BE DESIGNED USING THE ELEVATIONS GIVEN ON THIS SHEET.

THE RETAINING WALL DESIGN SHALL USE THE FUTURE ANTICIPATED FINISHED GROUND LINE ELEVATION TO DETERMINE THE MAXIMUM WALL HEIGHTS.

PROVIDE WALL CORNER DETAILS THAT WILL ALLOW FOR FUTURE EXTENSION OF THE RETAINING WALL PARALLEL TO THE ROADWAY.

DESIGN THE RETAINING WALL IN FRONT OF THE ABUTMENT BODY TO RESIST THE FORCE FROM ALL HORIZONTAL EARTH PRESSURE ACTING ON THE BACK OF THE ABUTMENT BELOW THE BEAM SEATS.

DESIGN THE RETAINING WALL FOR A LIVE LOAD SURCHARGE OF 240 PSF.

THE MAXIMUM VALUE OF THE ANGLE OF INTERNAL FRICTION OF THE WALL BACKFILL MATERIAL IN THE REINFORCED ZONE SHALL BE ASSUMED TO BE 30° WITHOUT CERTIFIED TEST VALUES.

ALLOWABLE WALL SYSTEMS:
WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFD

ULTIMATE DESIGN STRESSES:
CONCRETE MASONRY
(PARAPET, SIDEWALK, ANCHOR SLAB AND COPING) f'c = 3,500 PSI
BAR STEEL REINFORCEMENT, GRADE 60 fy = 60,000 PSI

LIST OF DRAWINGS

1. GENERAL PLAN
2. GENERAL NOTES AND QUANTITIES
3. SUBSURFACE EXPLORATION
4. WALL DETAILS
5. ANCHOR SLAB DETAILS
6. AESTHETIC WALL TREATMENT DETAILS

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

CONSULTANT CONTACT:
PAUL WIRTH (262) 901-2500

NO.	DATE	REVISION	BY

PATRICK ENGINEERING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED William C. Dreher KAR 02/06/13
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE R-40-581

CLEVELAND AVENUE OVER IH 894

COUNTY	TOWN/CITY/VILLAGE
MILWAUKEE	WEST ALLIS

DESIGN SPEC.
AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
PEW	RLD	JRM	RLD

GENERAL PLAN

SHEET 1 OF 6

66801

8

8

Pdf_Dw_HS.plt
PEI_TextSub.tbl

STATE PROJECT NUMBER
1090-07-73

TOTAL ESTIMATED QUANTITIES

	ITEM NO.	BID ITEM	UNIT	TOTAL
	206.3000	EXCAVATION FOR STRUCTURES RETAINING WALLS (R-40-581)	LS	1
	502.3200	PROTECTIVE SURFACE TREATMENT	SY	31
**	504.0500	CONCRETE MASONRY RETAINING WALLS	CY	19
**	505.0615	BAR STEEL REINFORCEMENT HS COATED RETAINING WALLS	LB	1,740
	612.0206	PIPE UNDERDRAIN UNPERFORATED 6-INCH	LF	70
	612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	105
	652.0225	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	LF	12
	SPV.0165.01	WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFD/OMP PILOT	SF	2,050
	SPV.0165.03	CONCRETE STAINING R-40-581	SF	~~900~~
		NON-BID ITEM		
		PRE-FORMED JOINT FILLER	SIZE	¾"
		NON-BITUMINOUS JOINT SEALER	SIZE	¾", 1"
		CORK FILLER	SIZE	1"

ALL ITEMS ARE CATEGORY 0040

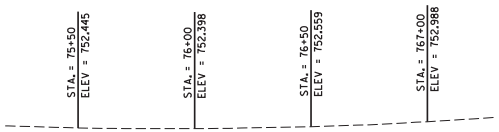
** QUANTITY INCLUDES ANCHOR SLAB AND PARAPET

WALL EXTERNAL AND OVERALL STABILITY EVALUATION

DIMENSIONS					
WALL HEIGHT (FEET)[1]	24.9	17.5			
EXPOSED WALL HEIGHT (FEET)[2]	23.4	16.0			
MINIMUM LENGTH OF REINFORCEMENT (FEET)	25.0	26.0			
WALL STATION	1+90.32	1+52.40			
BORING USED	C-05	C-01			
CAPACITY TO DEMAND RATIO (CDR)					
SLIDING (CDR > 1.0)	1.03	1.04			
ECCENTRICTY (CDR > 1.0)	1.98	2.75			
FACTORED BEARING RESISTANCE (PSF)	9,300	9,300			
BEARING (CDR > 1.0)	1.68	1.88			
OVERALL STABILITY (CDR > 1.0)	1.06	1.10			

NOTES;

1. THE WALL HEIGHT INCLUDES AN EMBEDMENT OF 1.5 FEET BELOW THE FUTURE ANTICIPATED GRADE LINE.
2. THE EXPOSED WALL HEIGHT IS BASED ON THE FUTURE ANTICIPATED GRADE LINE.
3. THE WALL STABILITY EVALUATION INCLUDED A SURCHARGE LOAD THAT WAS EQUAL TO THE WEIGHT OF THE SOIL BEHIND THE ABUTMENT.

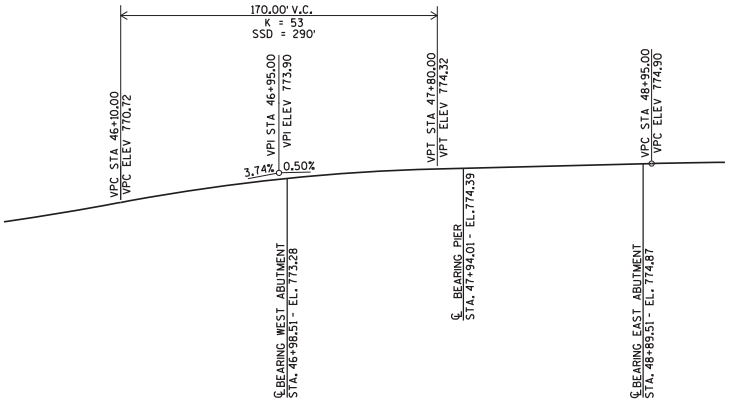


EXISTING PROFILE GRADE LINE - IH 894 SB

(ALONG CROWN-STATION INCREASE TO NORTH)

SOIL PARAMETERS

SOIL DESCRIPTIONS & STRATUM LOCATIONS	FRICTION ANGLE (DEGREES)	COHESION (PSF)	UNIT WEIGHT (PCF)
GRANULAR BACKFILL WITHIN THE WALL IN THE WALL REINFORCING ZONE	30	0	120
FILL BEHIND THE REINFORCING ZONE	29	0	130
BORING C-1, STA. 47+94.4 - RT 21.52, C-4, STA. 46+77.44 - LT 51.46, C-5, STA. 46+75.21 - RT 38.21			
FILL, SANDY SILT, SANDY CLAY AND TRACE GRAVEL ELEVATION 772.7 FEET TO 764.7 FEET	30	0	125
SILTY SAND, BROWN LEAN CLAY AND TRACE GRAVEL ELEVATION 764.7 FEET TO 759.7 FEET	0	2000	125
GRAY LEAN CLAY, TRACE SAND AND GRAVEL, STIFF TO HARD ELEVATION 759.7 FEET TO 744.7 FEET	0	2400	130
GRAY LEAN CLAY, TRACE SAND AND GRAVEL, STIFF TO HARD ELEVATION 744.7 FEET TO 724.7 FEET	0	2900	130
GRAY LEAN CLAY, TRACE SAND AND GRAVEL, STIFF TO HARD ELEVATION 724.7 FEET TO 672.7 FEET	0	5000	135



PROPOSED PROFILE GRADE LINE - CLEVELAND AVE.

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

THE FIRST OR FIRST TWO DIGITS OF A BAR MARK SIGNIFIES THE BAR SIZE.

BEVEL EXPOSED EDGES OF CONCRETE ¾", UNLESS NOTED OTHERWISE.

APPLY PROTECTIVE SURFACE TREATMENT TO THE TOP OF THE CONCRETE PARAPETS, TOP OF SIDEWALKS, FACE OF CURBS AND TOP OF CURB FLANGES.

THE 'W' STATION LINE SIGNIFIES THE WALL ℄ LINE STATIONING ALONG THE FRONT FACE OF R-40-581.

ALL WALL STATIONING AND OFFSETS ARE GIVEN AT THE FRONT FACE OF WALL.

COORDINATE CONSTRUCTION OF THE WALL WITH THE WEST ABUTMENT CONSTRUCTION FOR BRIDGE B-40-884.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE LOCATIONS OF ALL EXPANSION AND CONTRACTION JOINTS. LOCATE THE JOINTS TO COINCIDE WITH THE VERTICAL MSE WALL PANEL JOINTS.

THE PLAN QUANTITY FOR THE BID ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFD/OMP PILOT" IS BASED ON A WALL HEIGHT MEASURED FROM THE TOP OF THE WALL TO THE TOP OF THE LEVELING PAD.

THE QUANTITY OF CONCRETE MASONRY FOR THE CAST-IN-PLACE ANCHOR SLAB, SIDEWALK AND PARAPET IS PAID FOR UNDER THE BID ITEM "CONCRETE MASONRY RETAINING WALLS".

THE QUANTITIES AND REINFORCEMENT DETAILS ARE BASED ON AN ASSUMED WALL PANEL THICKNESS OF 5½" AND A 5" PANEL EMBEDMENT. FOR PANEL THICKNESS AND PANEL EMBEDMENT DIFFERENT THAN THESE VALUES, THE CONTRACTOR SHALL VERIFY REINFORCEMENT BAR DETAILS AND QUANTITIES AND WILL BE RESPONSIBLE FOR ANY QUANTITY VARIATIONS.

FILLER SHALL CONFORM TO THE REQUIREMENTS OF AASHTO DESIGNATION M153, TYPES I, II OR III OR M213.

ALL CONTRACTORS EQUIPMENT MUST MAINTAIN THE MINIMUM OSHA CLEARANCE FROM ATC AND WE ENERGIES OVERHEAD FACILITIES AS DESCRIBED IN OSHA'S GUIDELINES FOR CLEARANCES. ALL CONTRACTORS SHOULD INCORPORATE ANY ADDITIONAL COSTS ASSOCIATED WITH WORKING AROUND EXISTING ATC AND WE ENERGIES FACILITIES INTO THEIR BID. AS ATC AND WE ENERGIES BELIEVE THEY DO NOT IMPOSE ANY DIRECT CONFLICTS WITH THE SCOPE OF THIS PROJECT.

FOR INFORMATION ONLY

Addendum No. 01
ID 1060-33-81
Added Sheet 6680J
August 17, 2015

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE R-40-581

DRAWN BY JRM | PLANS CK'D. RLD

GENERAL NOTES & QUANTITIES

SHEET 2 OF 6

6680J

8

8

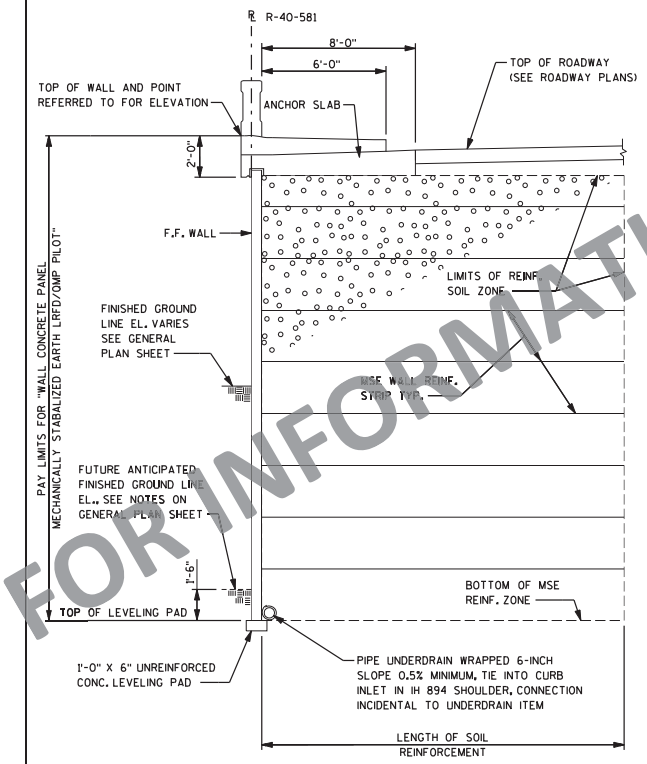
Pdf_Dw_HS.plt
PEI_Text+Sub.tbl

FILE = SCALE =

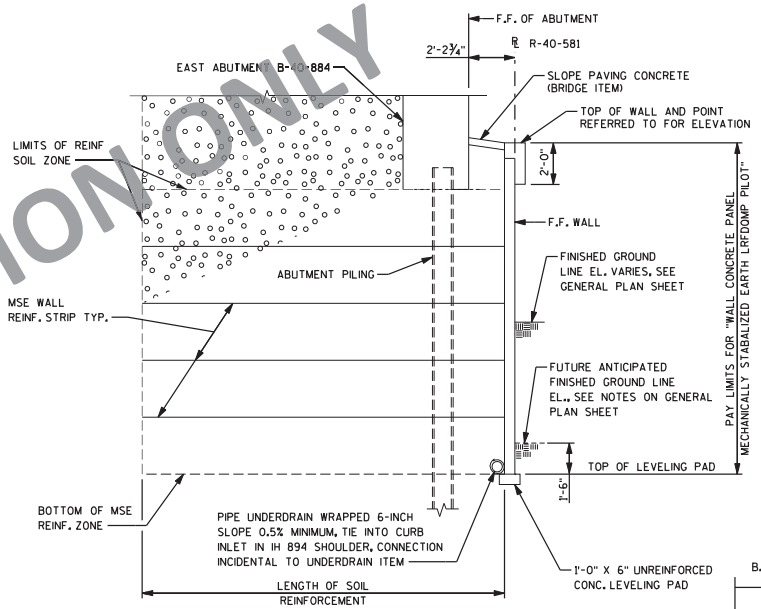
FILE NAME : p:\milwaukee\projects\wisdot\21152.022\cleveland\cadd\sheets\08_581_0201qty.dgn PLOT DATE : 2/6/2013 2:37:04 PM PLOT BY : Paul Wirth (Rdwy_Wis) PLOT NAME : PLOT SCALE : 24.0000 sf / IN.

FOR INFORMATION ONLY

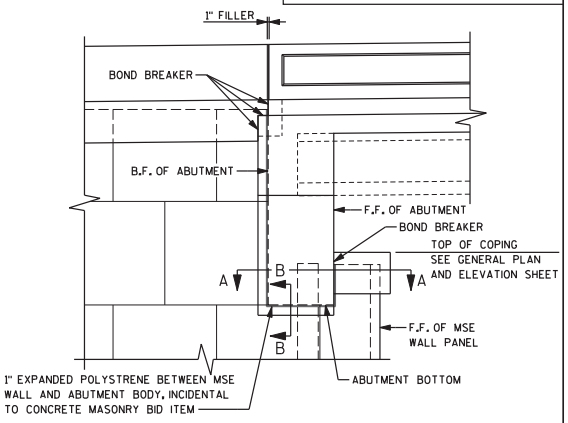
STATE PROJECT NUMBER
1090-07-73



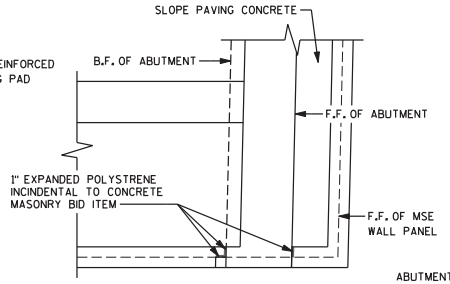
SECTION THRU RETAINING WALL



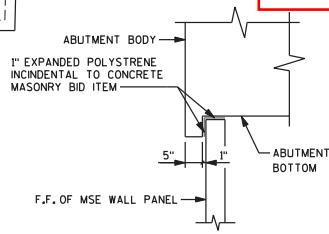
SECTION THRU RETAINING WALL AT ABUTMENT



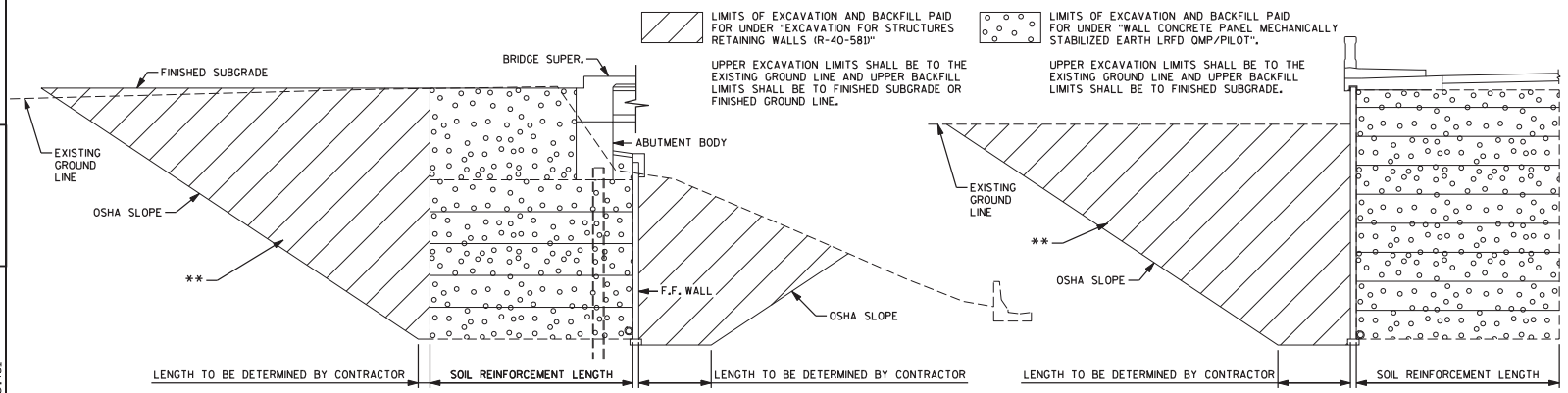
ABUTMENT/MSE WALL INTERFACE



SECTION A-A



SECTION B-B



** BACKFILL SHALL BE IN ACCORDANCE WITH SECTION 207 OF THE STANDARD SPECIFICATIONS CONTRACTOR MAY USE EXCAVATED MATERIAL WITH APPROVAL OF THE ENGINEER

SECTION PARALLEL WITH CLEVELAND AVE

SECTION PERPENDICULAR TO CLEVELAND AVE

EXCAVATION/BACKFILL DETAIL

Addendum No. 01
ID 1060-33-81
Added Sheet 6680K
August 17, 2015

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE R-40-581

DRAWN BY JRM | PLANS CK'D. RLD

WALL DETAILS

SHEET 4 OF 6

6680K

8

8

Pdf_Dw_HS.plt
PEI_TextSub.tbl

FILE NAME : p:\milwaukee\projects\wisdot\21152.022\cleveland\cadd\sheets\08_581_0401det-wall.dgn PLOT DATE : 2/6/2013 2:37:08 PM PLOT BY : Paul Wirth (Rdwy_Wis) PLOT NAME : PLOT SCALE : 6.0000 sf / IN.

FILE=
SCALE =

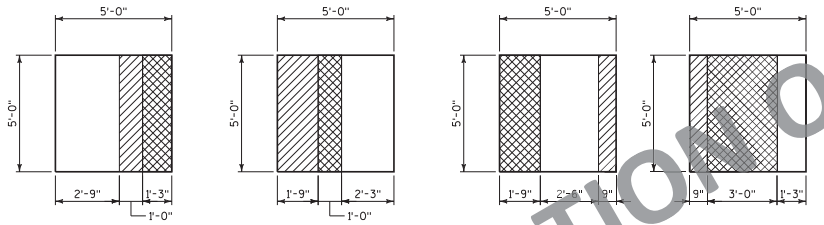
STATE PROJECT NUMBER
1090-07-73

CONCRETE STAINING SCHEDULE

MARK	COLOR	LOCATION	NOTES
A	BASE COLOR	SINGLE SLOPED PARAPETS	EXTERIOR, EXCEPT AS NOTED FOR ACCENT COLORS
		VERTICAL FACE PARAPETS	BOTH SIDES, EXCEPT AS NOTED FOR ACCENT COLORS B
		WALLS	EXPOSED FACES TO ~~1'-0" BELOW~~ FINISHED GRADE

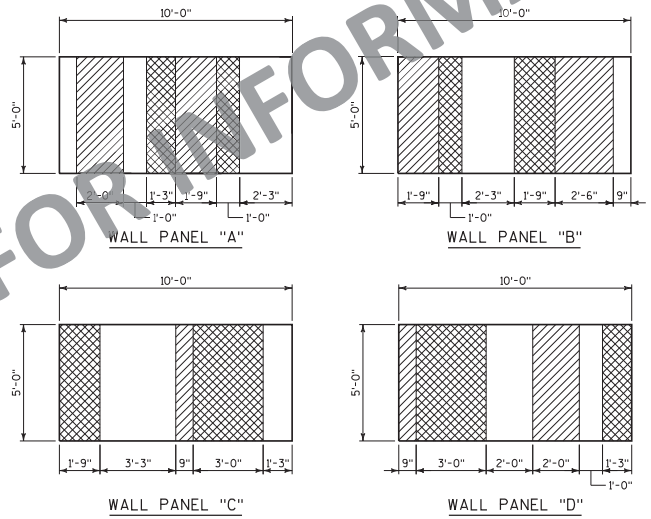
STAIN COLORS

THE FINAL COLORING OF THE CONCRETE FOLLOWING APPLICATION OF THE STAIN SYSTEM SHALL MATCH THE SHERWIN WILLIAMS STANDARD COLOR SYSTEM LISTED.
A BASE COLOR - WHOLE WHEAT - SW 6121 FEDERAL COLOR -33564
B ACCENT COLOR #1 - BAGUETTE - SW 6123 FEDERAL COLOR -33448



WALL PANEL "A" WALL PANEL "B" WALL PANEL "C" WALL PANEL "D"

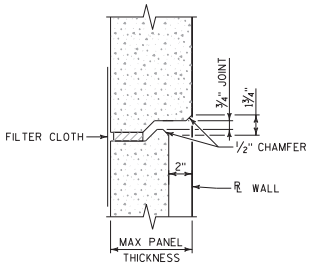
5'-0" X 5'-0" MSE CONCRETE PANEL RAISED SURFACE DETAILS



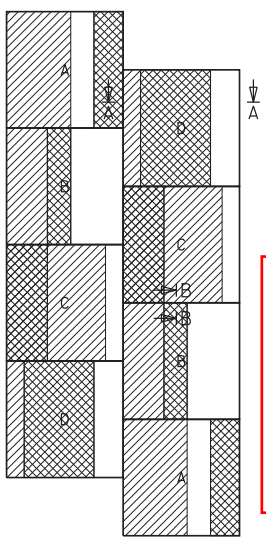
WALL PANEL "A" WALL PANEL "B"

WALL PANEL "C" WALL PANEL "D"

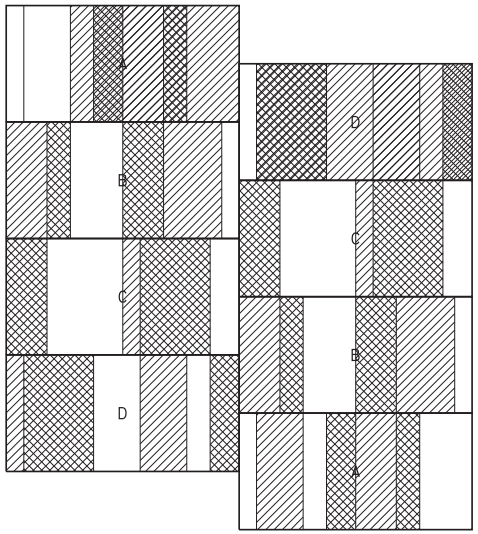
5'-0" X 10'-0" MSE CONCRETE PANEL RAISED SURFACE DETAILS



SECTION B-B

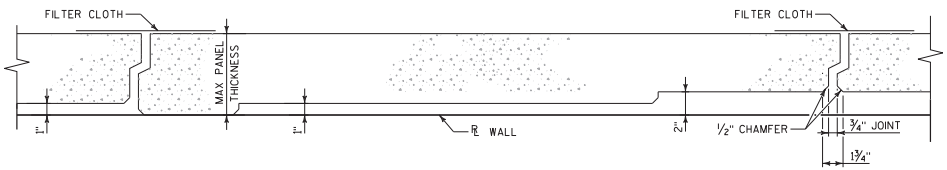


TYPICAL 5'-0" X 5'-0" MSE CONCRETE PANEL PATTERN

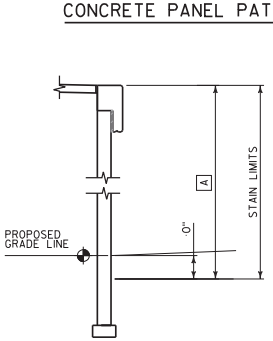


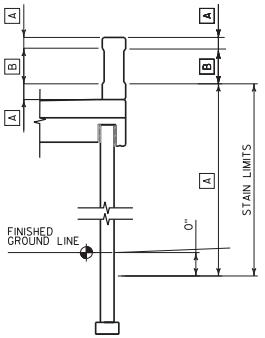
TYPICAL 5'-0" X 10'-0" MSE CONCRETE PANEL PATTERN

Addendum No. 01
ID 1060-33-81
Added Sheet 6680L
August 17, 2015



SECTION A-A





MSE WALL STAINING DIAGRAMS

LEGEND

- MIN PANEL THICKNESS + 0"
- MIN PANEL THICKNESS + 1"
- MIN PANEL THICKNESS + 2"

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE R-40-581

DRAWN BY	JRM	PLANS CK'D.	PEW

AESTHETIC WALL TREATMENT DETAILS

SHEET 6 OF 6

6680L

FOR INFORMATION ONLY

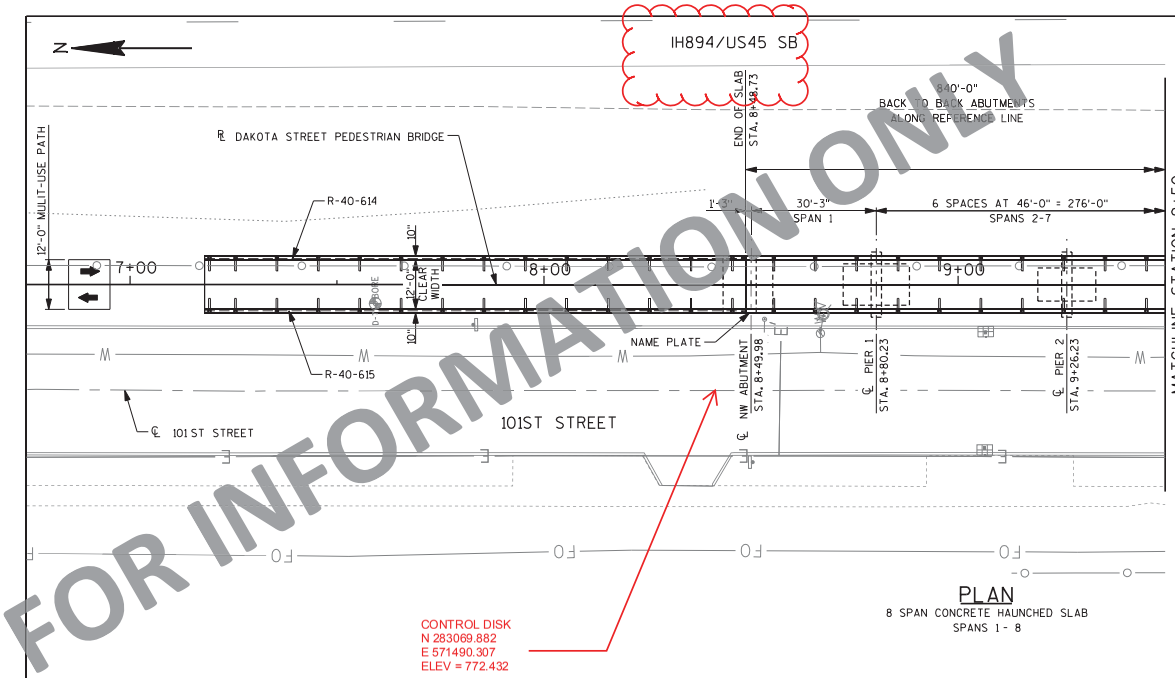
8

8

Pdf_Dw_HS.plt
PEI_TextSub.tbl

FILE NAME : p:\milwaukee\projects\wisdot\21152.022\cleveland\cadd\sheets\08_581_0501aesth.dgn PLOT DATE : 2/6/2013 2:37:11 PM PLOT BY : Paul Wirth (Rdwy_Wis) PLOT NAME : PLOT SCALE : 5:4 '':in / IN.

FILE= SCALE =

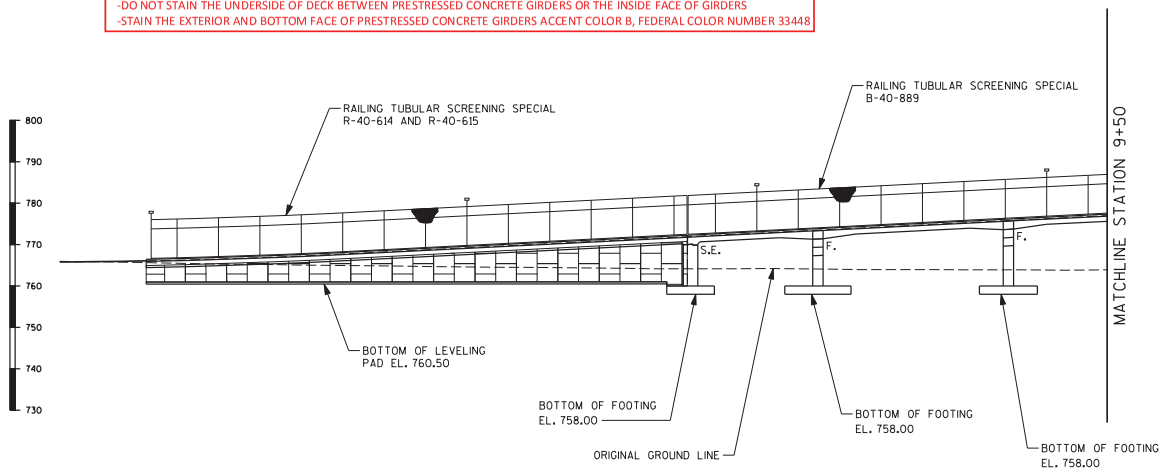


PLAN

8 SPAN CONCRETE HAUNCHED SLAB
SPANS 1 - 8

FOR INFORMATION ONLY

STAIN ALL EXPOSED CONCRETE SURFACES ON B-40-889 BASE COLOR A, FEDERAL COLOR NUMBER 33564, EXCEPT AS NOTED BELOW:
- -DO NOT STAIN TOP OF DECK, INSIDE OF CURB OR TOP OF CURB
- -DO NOT STAIN TOP OF PIER CAPS OR ABUTMENT BEAM SEATS
- -DO NOT STAIN THE UNDERSIDE OF DECK BETWEEN PRESTRESSED CONCRETE GIRDERS OR THE INSIDE FACE OF GIRDERS
- -STAIN THE EXTERIOR AND BOTTOM FACE OF PRESTRESSED CONCRETE GIRDERS ACCENT COLOR B, FEDERAL COLOR NUMBER 33448



ELEVATION

(LOOKING EAST)

DESIGN DATA

BRIDGE LOADS

LIVE LOAD	90 psf
VEHICLE LOAD (H-10)	20,000 lbs
WIND LOAD ON SUPERSTRUCTURE:	
TRANSVERSE	50 psf
LONGITUDINAL	12 psf
UPLIFT	20 psf
WIND LOAD ON SUBSTRUCTURE:	
TRANSVERSE AND LONGITUDINAL	40 psf

ULTIMATE DESIGN STRESSES:

CONCRETE MASONRY, SLAB	f'c = 4,000 psi
ALL OTHER	f'c = 3,500 psi
HIGH STRENGTH BAR STEEL REINFORCEMENT, GRADE 60	fy = 60,000 psi
45W" PRESTRESSED I-GIRDER	
CONCRETE MASONRY	f'c = 7,200 psi
0.6" DIA. STRANDS WITH ULTIMATE STRENGTH OF	fu = 270,000 psi

FOUNDATION DATA:

PIERS AND ABUTMENTS WITH SPREAD FOOTINGS TO BE SUPPORTED ON CLEAN UNDISTURBED SOIL WITH A REQUIRED FACTORED BEARING RESISTANCE OF 6,000 PSF. A GEOTECHNICAL ENGINEER WILL DETERMINE THE FACTORED BEARING RESISTANCE BY VISUAL INSPECTION PRIOR TO CONSTRUCTION OF THE PIER AND ABUTMENT FOOTINGS.

*** THE FACTORED BEARING RESISTANCE IS THE VALUE USED FOR DESIGN.

TRAFFIC DATA

IH 894
ADT = 139,000 (2012)
ADT = 160,000 (2032)
DESIGN SPEED = 60 MPH

LIST OF DRAWINGS:

1. GENERAL PLAN
2. GENERAL PLAN
3. GENERAL PLAN
4. GENERAL PLAN
5. CROSS SECTIONS, GENERAL NOTES, AND QUANTITIES
6. PROFILES
7. SUBSURFACE EXPLORATION
8. SUBSURFACE EXPLORATION
9. SUBSURFACE EXPLORATION
10. NORTH WEST ABUTMENT
11. NORTH EAST ABUTMENT
12. PIERS 1, 2, 16, 17
13. PIERS 1, 2, 16, 17, DETAILS 1
14. PIERS 3, 4, 5, 6, 7, 13, 14, 15
15. PIERS 3, 4, 5, 6, 7, 13, 14, 15 DETAILS 1
16. PIERS 3, 4, 5, 6, 7, 13, 14, 15 DETAILS 2
17. PIERS 8 & 12
18. PIERS 8 & 12 DETAILS 1
19. PIER 9
20. PIER 11
21. PIER 10
22. PRESTRESSED GIRDER BEARINGS
23. 45W" PRESTRESSED GIRDER DETAILS
24. 45W" PRESTRESSED GIRDER DETAILS
25. FRAMING PLAN
26. STEEL DIAPHRAGM
27. SUPERSTRUCTURE SPANS 1-8 & 13-18
28. SUPERSTRUCTURE SPANS 10 & 11
29. SUPERSTRUCTURE DETAILS
30. SUPERSTRUCTURE DETAILS 1
31. SUPERSTRUCTURE DETAILS 2
32. SUPERSTRUCTURE DETAILS 3
33. WEST PLATFORM
34. EAST PLATFORM
35. EXPANSION DEVICE
36. COVER PLATE DETAILS
37. FLOOR DRAIN TYPE "H" (MODIFIED)
38. DOWN-SPOUT DETAILS
39. RAIL POST SPACING DETAILS
40. RAIL POST SPACING DETAILS
41. RAIL POST SPACING DETAILS
42. RAILING DETAILS
43. RAILING DETAILS
44. CONDUIT DETAILS
45. PREFABRICATED STEEL STAIRS WEST
46. PREFABRICATED STEEL STAIRS EAST

STATE PROJECT NUMBER
1100-03-79

Addendum No. 01
ID 1060-33-81
Added Sheet 6680M
August 17, 2015

WISCONSIN
KURT E. FEUERSTEIN
MILWAUKEE, WI
PROFESSIONAL ENGINEER
2/5/2014

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

CONSULTANT CONTACT:
PAUL WIRTH (262-901-2500)

NO.	DATE	REVISION	BY

PATRICK ENGINEERING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED William C. Dreher KAR 02/06/14
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-40-889

DAKOTA STREET PED BRIDGE OVER I-894/US

COUNTY	MILWAUKEE
~~TOWN~~/CITY/~~VILLAGE~~	WEST ALLIS
DESIGN SPEC.	AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS
DESIGNED BY	PEW
DESIGN CK'D.	DMM
DRAWN BY	JRM
PLANS CK'D.	KEF

GENERAL PLAN & ELEVATION

SHEET 1 OF 46

6680M

8

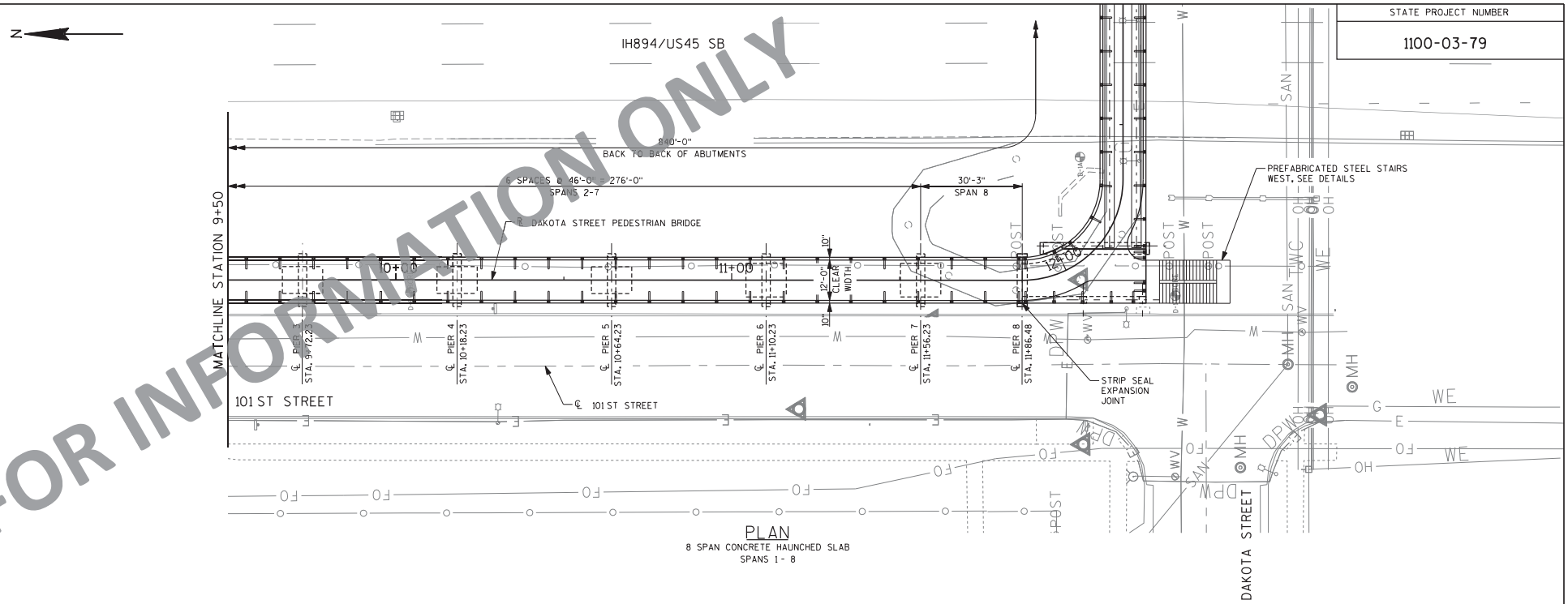
8

Pdf_Dw_HS.plt
PEI_TextSub.tbl

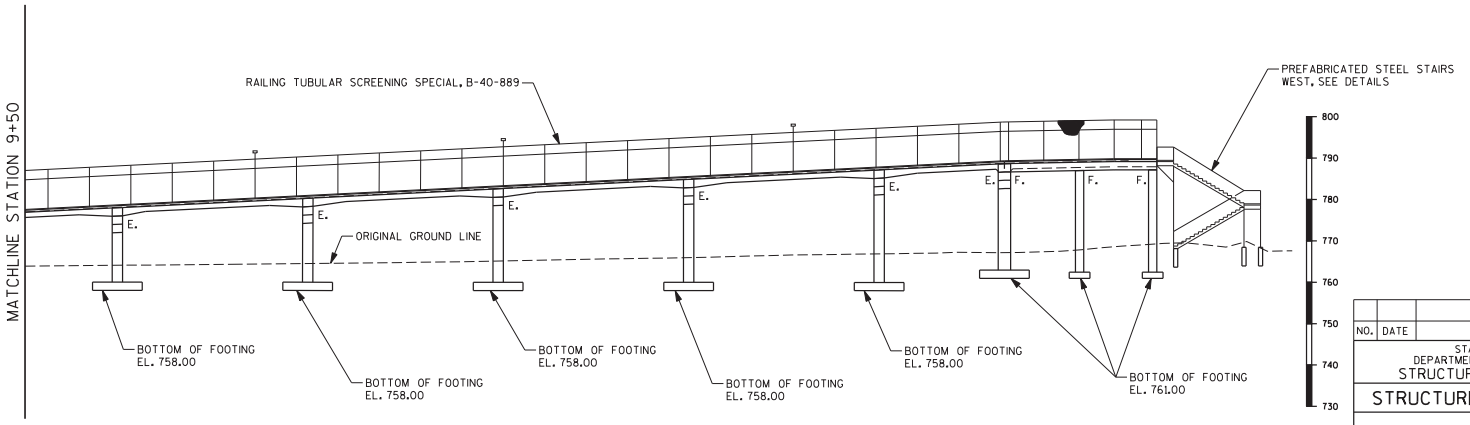
FILE NAME : p:\milwaukee\projects\wisdot\21152.022\dakota\cadd\sheets\080001_GP.dgn PLOT DATE : 2/5/2014 3:10:13 PM PLOT BY : Kurt Feuerstein (Rdwy_Wis) PLOT NAME : PLOT SCALE : 29.9999 sf / IN.

FOR INFORMATION ONLY

STATE PROJECT NUMBER
1100-03-79



PLAN
8 SPAN CONCRETE HAUNCHED SLAB
SPANS 1 - 8



ELEVATION
(LOOKING EAST)

Addendum No. 01
ID 1060-33-81
Added Sheet 6680N
August 17, 2015

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-40-889

DRAWN BY JRM | PLANS CK'D. PEW

GENERAL PLAN & ELEVATION

SHEET 2 OF 46

6680N

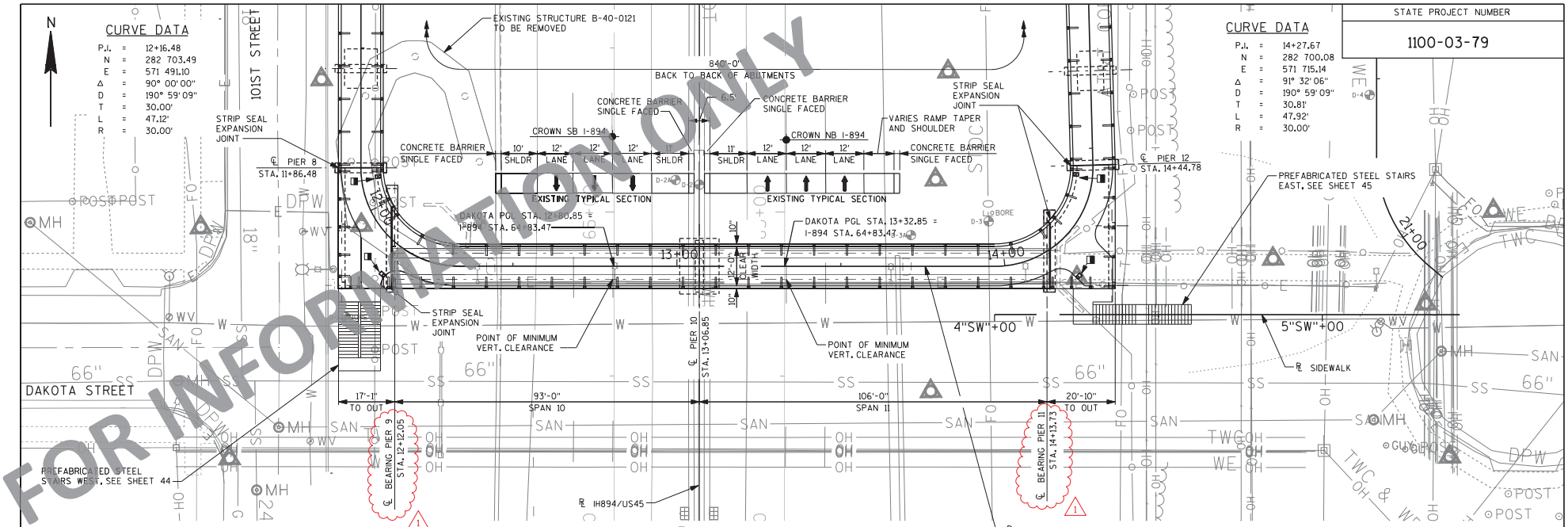
8

8

Pdf_Dw_HS.plt
PEI_TextSub.tbl

FILE NAME : p:\milwaukee\projects\wisdot\21152.022\dakota\cadd\Sheets\080002_GP.dgn PLOT DATE : 2/5/2014 3:10:18 PM PLOT BY : Kurt Feuerstein (Rdwy_Wis) PLOT NAME : PLOT SCALE : 30.0002 sf / IN.

FILE= SCALE =



PLAN

45W" PRESTRESSED GIRDERS
SPANS 10 - 11

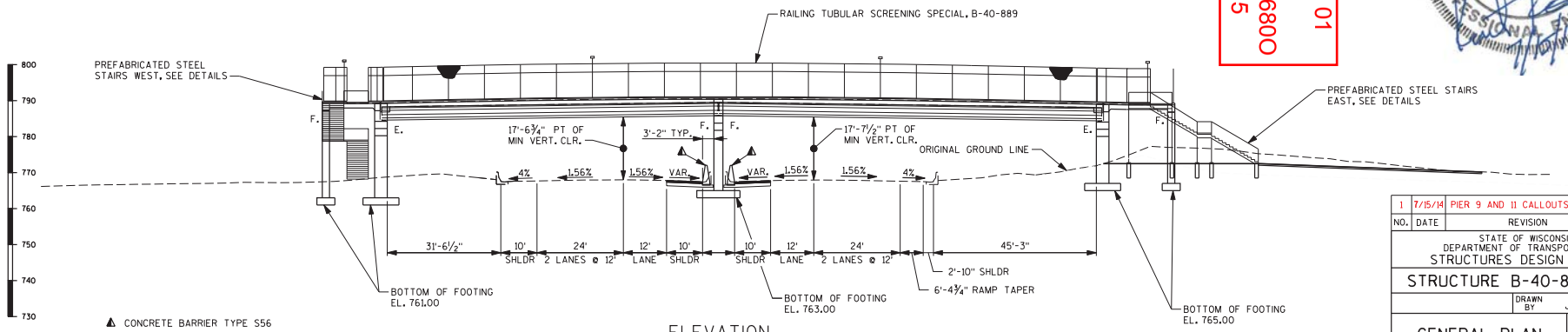
FOR INFORMATION ONLY

STATE PROJECT NUMBER

1100-03-79

Addendum No. 01
ID 1060-33-81
Added Sheet 6680O
August 17, 2015

Plan Sheet Accepted By WISDOT
BUREAU OF STRUCTURES



ELEVATION
(LOOKING NORTH)

NO.	DATE	REVISION	BY
1	7/15/14	PIER 9 AND 11 CALLOUTS	KEF

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-40-889

DRAWN BY JRM | PLANS CK'D. PEW

GENERAL PLAN & ELEVATION

SHEET 3 OF 46

6680O

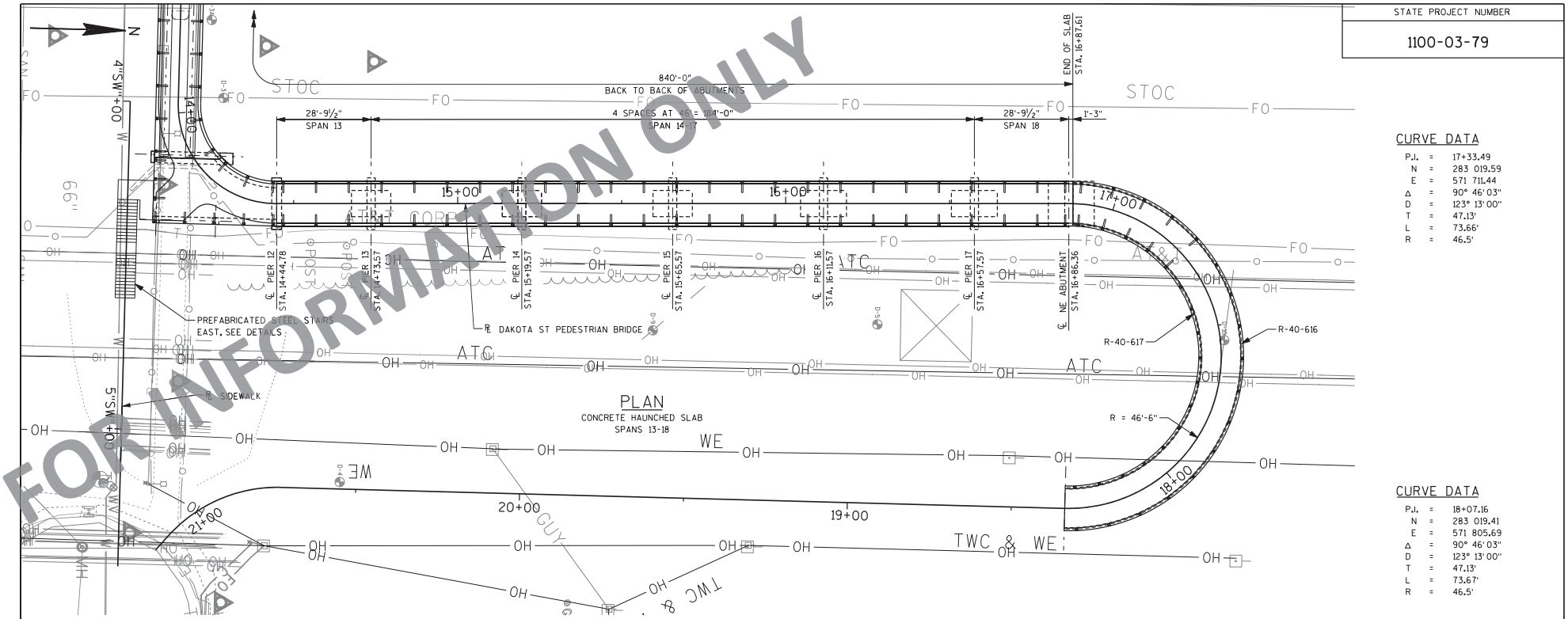
8

8

Pdf_Dw_HS.plt
PEI_TEXTSUB.TBL

FILE NAME : P:\Milwaukee\Projects\WisDOT\21152.022\Dakota\CADD\Sheets\080003_GP.dgn PLOT DATE : 7/15/2014 9:25:24 AM PLOT BY : Kurt Feuerstein (Rdwy_Wis) PLOT NAME : PLOT SCALE : 30.0000 sf / IN.

FILE= SCALE =

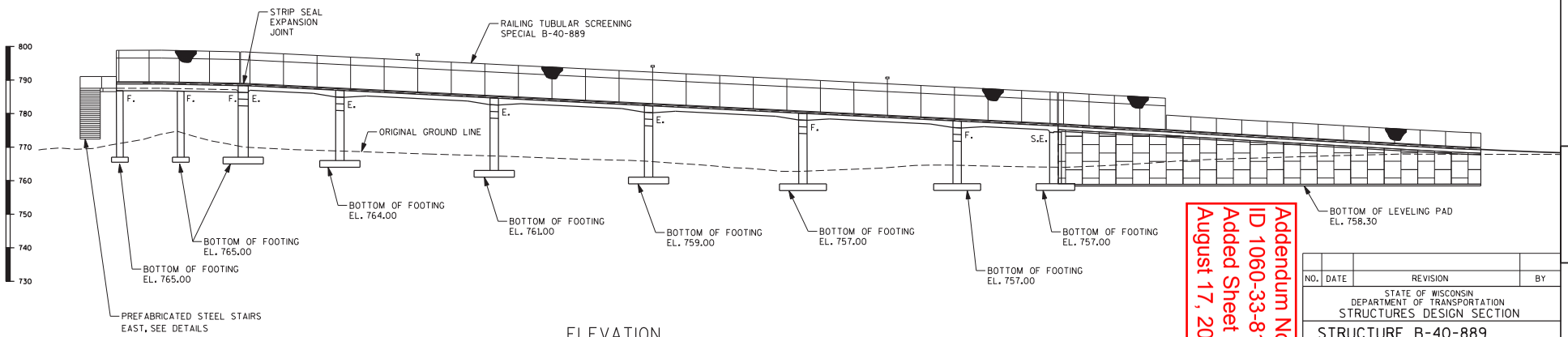


CURVE DATA

P.I.	=	17+33.49
N	=	283 019.59
E	=	571 711.44
Δ	=	90° 46' 03"
D	=	123° 13' 00"
T	=	47.13'
L	=	73.66'
R	=	46.5'

CURVE DATA

P.I.	=	18+07.16
N	=	283 019.41
E	=	571 805.69
Δ	=	90° 46' 03"
D	=	123° 13' 00"
T	=	47.13'
L	=	73.67'
R	=	46.5'



ELEVATION
(LOOKING WEST)

FOR INFORMATION ONLY

Addendum No. 01
ID 1060-33-81
Added Sheet 6680P
August 17, 2015

STATE PROJECT NUMBER
1100-03-79

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-40-889

DRAWN BY JRM | PLANS CK'D. PEW

GENERAL PLAN & ELEVATION

SHEET 4 OF 46

6680P

8

8

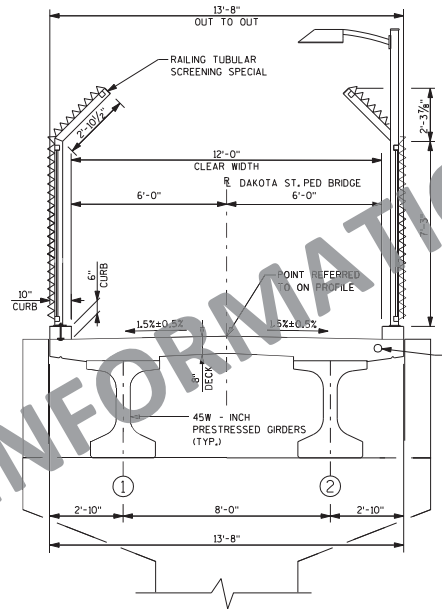
Pdf_Dw_HS.plt
PEI_TextSub.tbl

FILE NAME : p:\milwaukee\projects\wisdot\21152.022\dakota\cadd\Sheets\080004_GP.dgn PLOT DATE : 2/5/2014 3:10:25 PM PLOT BY : Kurt Feuerstein (Rdwy_Wis) PLOT NAME : PLOT SCALE : 30.0002 sf / IN.

FILE= SCALE =

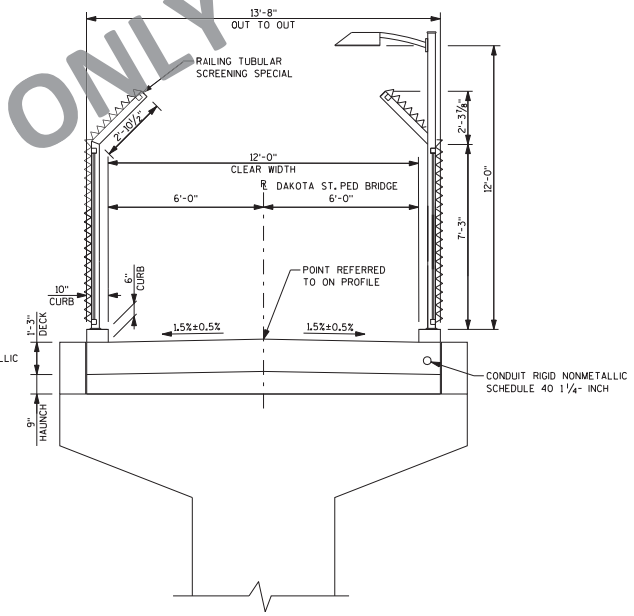
FOR INFORMATION ONLY

STATE PROJECT NUMBER
1100-03-79



PROPOSED BRIDGE CROSS SECTION

MAIN SPANS 10 & 11
(LOOKING EAST)



PROPOSED BRIDGE CROSS SECTION

APPROACH SPANS 1 - 8 AND 13 - 18
(LOOKING NORTH)

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" UNLESS OTHERWISE NOTED.

THE FIRST OR FIRST TWO DIGITS OF THE BAR SIGNIFIES THE BAR SIZE.
THE EXISTING GROUND LINE SHALL BE USED AS THE UPPER LIMITS OF EXCAVATION AT THE PIERS AND ABUTMENTS.

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

THE HAUNCH CONCRETE QUANTITY IS BASED ON THE AVERAGE HAUNCH SHOWN ON THE PRESTRESSED GIRDER DETAILS SHEET.

BENDING DIMENSIONS FOR REINFORCING BARS ARE SHOWN ARE OUT-TO-OUT.

THE UTILITY INFORMATION SHOWN ON THESE DRAWINGS CONCERNING THE TYPE AND LOCATION OF EXISTING UTILITY INSTALLATIONS IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR SHALL MAKE THE DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES NECESSARY TO AVOID DAMAGE.

INFORMATION ON THESE DRAWINGS RELATING TO THE EXISTING BRIDGE IS BASED UPON DRAWINGS AVAILABLE FROM THE WISCONSIN DEPARTMENT OF TRANSPORTATION. NO GUARANTY OR WARRANTY IS MADE THAT THE INFORMATION IS ALL INCLUSIVE OR COMPLETELY ACCURATE. THE CONTRACTOR SHALL MAKE THE DETERMINATION OF THE ACTUAL CONDITIONS TO BE ENCOUNTERED.

THIS STRUCTURE WILL REPLACE B-40-121 WHICH IS AN 11 SPAN CONTINUOUS FLAT AND HAUNCHED CONCRETE SLAB STRUCTURE APPROXIMATELY 376' LONG AND 10' WIDE, SUPPORTED ON CONCRETE ABUTMENT AND PIERS FOUNDED ON SPREAD FOOTINGS. THE CONTRACTOR SHALL REMOVE ALL ELEMENTS OF THE EXISTING BRIDGE THAT INTERFERE WITH CONSTRUCTION OF THE PROPSED BRIDGE. ALL CONTRACTORS EQUIPEMENT MUST MAINTAIN THE MINIMUM OSHA CLEARANCE FROM ATC AND WE ENERGIES OVERHEAD FACILITIES AS DESCRIBED IN OSHA'S GUIDELINES FOR CLEARANCES. ALL ASSOCIATED WITH WORKING AROUND EXISTING ATC AND WE ENERGIES FACILITIES INTO THEIR BID. AS ATC AND WE ENERGIES BELIEVES THEY DO NOT IMPOSE ANY DIRECT CONFLICTS WITH THE SCOPE OF THIS PROJECT.

DECK ELEVATIONS LISTED ON THE PLANS ARE FIGURED USING A 2.0% CROSS SLOPE.

ALL STATIONS AND ELEVATIONS ARE IN FEET.

STAIN ALL EXPOSED CONCRETE SURFACES ON B-40-889 BASE COLOR A, FEDERAL COLOR NUMBER 33564, EXCEPT AS NOTED BELOW:
-DO NOT STAIN TOP OF DECK, INSIDE OF CURB OR TOP OF CURB
-DO NOT STAIN TOP OF PIER CAPS OR ABUTMENT BEAM SEATS
-DO NOT STAIN THE UNDERSIDE OF DECK BETWEEN PRESTRESSED CONCRETE GIRDERS OR THE INSIDE FACE OF GIRDERS
-STAIN THE EXTERIOR AND BOTTOM FACE OF PRESTRESSED CONCRETE GIRDERS ACCENT COLOR B, FEDERAL COLOR NUMBER 33448

TOTAL ESTIMATED QUANTITIES

ITEM NO.	BID ITEM	UNIT	NW ABUTMENT	PIER 1	PIER 2	PIER 3	PIER 4	PIER 5	PIER 6	PIER 7	PIER 8	PIER 9	PIER 10	PIER 11	PIER 12	PIER 13	PIER 14	PIER 15	PIER 16	PIER 17	NE ABUTMENT	SUPER	TOTAL
203.0200	REMOVING OLD STRUCTURE (STA 12+06.85)	LS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
203.0225.S	DEBRIS CONTAINMENT STRUCTURE B-40-889	LS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
206.1000	EXCAVATION FOR STRUCTURE BRIDGES B-40-889	LS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
502.0100	CONCRETE MASONRY BRIDGES	CY	26	21	19	19	20	21	24	25	27	118	29	76	25	20	20	20	21	20	35	631	1217
502.3100	EXPASION DEVICE (B-40-889)	LS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
502.3200	PROTECTIVE SURFACE TREATMENT	SY	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1435	1435
503.0146	PRESTRESSED GIRDER TYPE 145W-INCH	LF	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	400	400
505.0405	BAR STEEL REINFORCEMENT HS BRIDGES	LB	1010	1090	770	660	660	660	820	820	820	1620	1600	1220	820	660	660	660	770	770	1630	850	18571
505.0605	BAR STEEL REINFORCEMENT HS COATED BRIDGES	LB	1200	1720	1910	2080	2250	2410	2600	2760	3480	16330	2850	11070	3070	2300	2350	2320	2300	2130	2090	102440	169660
506.2605	BEARING PADS ELASTOMERIC NON-LAMINATED	EACH	---	---	---	---	---	---	---	---	---	---	4	---	---	---	---	---	---	---	---	---	4
506.2610	BEARING PADS ELASTOMERIC LAMINATED	EACH	---	---	---	---	---	---	---	---	---	2	---	2	---	---	---	---	---	---	---	---	4
506.4000	STEEL DIAPHRAGMS (B-40-889)	EACH	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	4
514.2625	DOWNSPOUT 6-INCH	LF	---	---	---	---	---	---	---	---	25	25	---	25	25	---	---	---	---	---	---	---	100
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	---	4
652.0115	CONDUIT RIGID METALLIC 1 1/4-INCH	LF	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	60	60
652.0210	CONDUIT RIGID NONMETALLIC SCHEDULE 40 1-INCH	LF	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	165	165
652.0215	CONDUIT RIGID NONMETALLIC SCHEDULE 40 1 1/4-INCH	LF	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	835	835
SPV.0060.17	FLOOR DRAINS TYPE H MODIFIED	EACH	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	4
SPV.0105.03	RAILING TUBULAR SCREENING SPECIAL B-40-889	LS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
SPV.0105.08	PREFABRICATED STEEL STAIR CASE WEST	LS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
SPV.0105.09	PREFABRICATED STEEL STAIR CASE EAST	LS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
	NON-BID ITEMS																						
	PREFORMED JOINT FILLER	SIZE																					3/4"
	NON-BITUMINOUS JOINT FILLER	SIZE																					3/4"
	CORK FILLER	SIZE																					3/4"
	NAME PLATE	EACH																					1

ALL ITEMS ARE CATEGORY 0020

Addendum No. 01
ID 1060-33-81
Added Sheet 6680Q
August 17, 2015

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-40-889

DRAWN BY JRM | PLANS CK'D. PEW

CROSS SECTIONS, GENERAL NOTES & QUANTITIES

SHEET 5 OF 46

6680Q

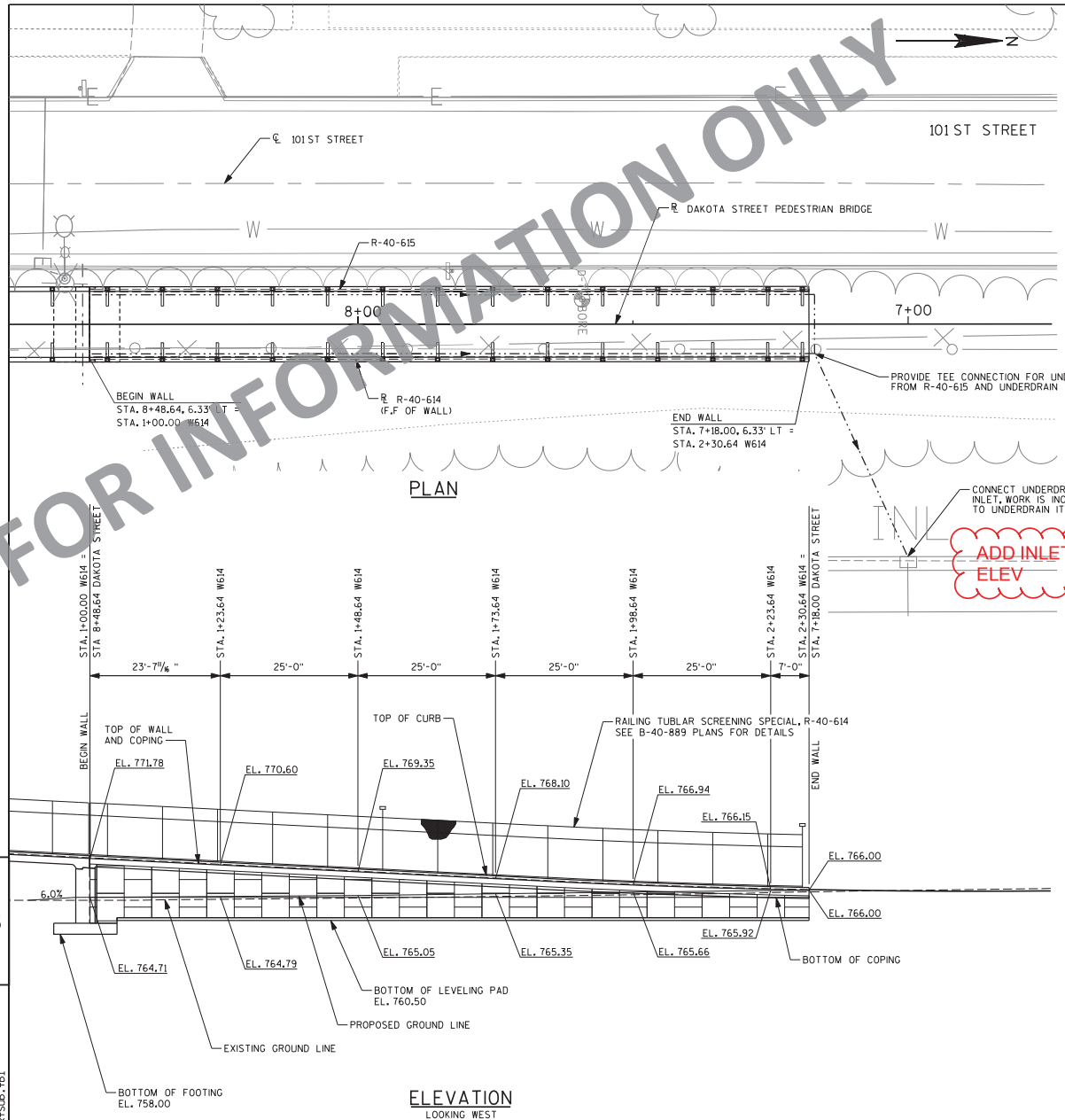
8

8

Pdf_Dw_HS.plt
PEI_TextSub.tbl

FILE =
SCALE =

FILE NAME : p:\milwaukee\projects\wisdot\21152.022\dakota\cadd\Sheets\080020_GN.dgn PLOT DATE : 2/5/2014 3:10:27 PM PLOT BY : Kurt Feuerstein (Rdwy_Wis) PLOT NAME : PLOT SCALE : 4.8000 sf / IN.



FOR INFORMATION ONLY

STAIN ALL EXPOSED CONCRETE SURFACES ON R-40-614 BASE COLOR A, FEDERAL COLOR NUMBER 33564, EXCEPT AS FOLLOWS:
-DO NOT STAIN TOP OF SLAB, INSIDE FACE OF CURB OR TOP OF CURB

STATE PROJECT NUMBER
1100-03-79

DESIGN DATA

THE CONTRACTOR SHALL PROVIDE COMPLETE DESIGN, PLANS, DETAILS, SPECIFICATIONS, AND SHOP DRAWINGS FOR THE RETAINING WALLS IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE RETAINING WALL MANUFACTURER SHALL PROVIDE TECHNICAL ASSISTANCE TO THE CONTRACTOR DURING CONSTRUCTION. THE COST OF FURNISHING THESE ITEMS SHALL BE INCLUDED IN THE BID ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFD".

PLANS, ELEVATIONS AND DETAILS SHOWN ON THESE DRAWINGS ARE INTENDED TO INDICATE WALL LOCATIONS, LENGTHS, HEIGHTS, AND DETAILS COMMON TO THE WALL SYSTEM SELECTED. THE CONTRACTOR SHALL VERIFY THAT THE WALL SYSTEM SELECTED WILL CONFORM TO THE REQUIRED ALIGNMENTS AND DETAILS.

THE RETAINING WALL IS TO BE DESIGNED USING THE ELEVATIONS GIVEN ON THIS SHEET.

DESIGN THE RETAINING WALL FOR A LIVE LOAD SURCHARGE OF 100 PSF.

THE MAXIMUM VALUE OF THE ANGLE OF INTERNAL FRICTION OF THE WALL BACKFILL MATERIAL IN THE REINFORCED ZONE SHALL BE ASSUMED TO BE 30° WITHOUT CERTIFIED TEST VALUES.

ALLOWABLE WALL SYSTEMS:
WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFD

ULTIMATE DESIGN STRESSES:
CONCRETE MASONRY
(PARAPET, SIDEWALK, ANCHOR SLAB AND COPING) f'c = 3,500 PSI
BAR STEEL REINFORCEMENT, GRADE 60 fy = 60,000 PSI

WISCONSIN
KURT E. FEUERSTEIN
MILWAUKEE, WI
REGISTERED PROFESSIONAL ENGINEER
2/5/2014

LIST OF DRAWINGS

1. GENERAL PLAN AND ELEVATION
2. GENERAL NOTES AND QUANTITIES
3. SUBSURFACE EXPLORATION
4. WALL AND SLAB DETAILS

BUREAU OF STRUCTURES CONTACT:
WILLIAM DREHER (608-266-8489)
CONSULTANT CONTACT:
KURT FEUERSTEIN (262-901-2508)

NO.	DATE	REVISION	BY

Addendum No. 01
ID 1060-33-81
Added Sheet 6680R
August 17, 2015

PATRICK ENGINEERING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED William C. Dreher KAR 02/06/14
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE R-40-614

DAKOTA STREET PED BRIDGE OVER I-894/US

COUNTY	TOWN/CITY/VILLAGE
MILWAUKEE	WEST ALLIS

DESIGN SPEC. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
PEW	DMM	JRM	KEF

GENERAL PLAN AND ELEVATION

SHEET 1 OF 4

6680R

8

8

Pdf_Dw_HS.plt
PEI_TextSub.tbl

FILE NAME : p:\milwaukee\projects\wisdot\21152.022\dakota\cadd\sheets\081001_gp.dgn PLOT DATE : 1/31/2014 2:32:40 PM PLOT BY : Kurt Feuerstein (Rdwy_Wis) PLOT NAME : PLOT SCALE : 20.0000 sf / IN.

STATE PROJECT NUMBER
1100-03-79

TOTAL ESTIMATED QUANTITIES

	ITEM NO.	BID ITEM	UNIT	TOTAL
	206.3000	EXCAVATION FOR STRUCTURES RETAINING WALLS (R-40-614)	L.S.	1.0
	502.3200	PROTECTIVE SURFACE TREATMENT	SY	110.0
**	504.0500	CONCRETE MASONRY RETAINING WALLS	CY	35.0
**	505.0615	BAR STEEL REINFORCEMENT HS COATED RETAINING WALLS	LB	[illegible]
	532.0500.S	WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFD	SF	996.0
	612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	173.0
	652.0115	CONDUIT RIGID METALLIC 1 1/4-INCH	LF	[illegible]
	652.0215	CONDUIT RIGID NONMETALLIC SCHEDULE 40 1 1/4-INCH	LF	111.0
	SPV.0105.04	RAILING TUBULAR SCREENING SPECIAL R-40-614		1.0
		NON-BID ITEMS		
		EXPANDED POLYSTYRENE	SIZE	1"
		NON-BITUMINOUS JOINT FILLER	SIZE	1"
		CORK FILLER	SIZE	1"

ALL ITEMS ARE CATEGORY 0030

** QUANTITY INCLUDES SLAB AND CURB

FOR INFORMATION ONLY

SOIL PARAMETERS

SOIL DESCRIPTIONS & STRATUM LOCATIONS	FRICTION ANGLE (DEGREES)	COHESION (PSF)	UNIT WEIGHT (PCF)
GRANULAR BACKFILL WITHIN THE WALL IN THE WALL REINFORCING ZONE		0	120
BORING D-7, STA. 7+60.00- LT 25'			
FILL, SAND, GRAVEL AND CLAY, BROWN, MOIST. ELEVATION 764.7 FEET TO 761.7 FEET	21	0	130
GRAY LEAN CLAY AND TRACE SAND, VERY STIFF ELEVATION 761.7 FEET TO 729.7 FEET	21	0	130

WALL EXTERNAL AND OVERALL STABILITY EVALUATION

DIMENSIONS					
WALL HEIGHT (FEET)[1]	11.3				
EXPOSED WALL HEIGHT (FEET)[2]	7.6				
MINIMUM LENGTH OF REINFORCEMENT (FEET)	8.0				
WALL STATION	1+00.00				
BORING USED	D-7				
CAPACITY TO DEMAND RATIO (CDR)					
SLIDING (CDR > 1.0)	N/A				
ECCENTRICTY (CDR > 1.0)	N/A				
FACTORED BEARING RESISTANCE (PSF)	6,000				
BEARING RESISTANCE (CDR > 1.0)	2.3				
OVERALL STABILITY (CDR > 1.0)	1.12				

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

THE FIRST OR FIRST TWO DIGITS OF A BAR MARK SIGNIFIES THE BAR SIZE.

BEVEL EXPOSED EDGES OF CONCRETE ¾", UNLESS NOTED OTHERWISE.

APPLY PROTECTIVE SURFACE TREATMENT TO THE TOP OF THE CONCRETE PATH, FACE OF CURBS AND TOP OF CURBS.

THE 'W614' STATION LINE SIGNIFIES THE WALL ℄ LINE STATIONING ALONG THE FRONT FACE OF R-40-614.

ALL WALL STATIONING AND OFFSETS ARE GIVEN AT THE FRONT FACE OF WALL.

COORDINATE CONSTRUCTION OF THE WALL WITH THE NW ABUTMENT OF OF B-40-889

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE LOCATIONS OF ALL EXPANSION JOINTS. LOCATE THE JOINTS TO COINCIDE WITH THE VERTICAL MSE WALL PANEL JOINTS.

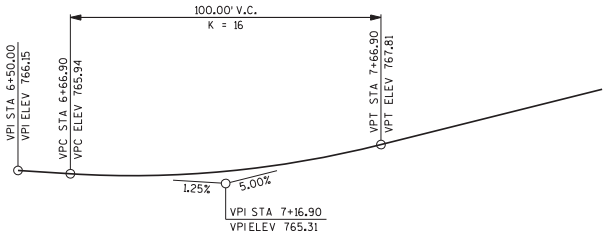
THE PLAN QUANTITY FOR THE BID ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFD" IS BASED ON A WALL HEIGHT MEASURED FROM THE TOP OF THE WALL TO THE TOP OF THE LEVELING PAD.

THE QUANTITY OF CONCRETE MASONRY FOR THE CAST-IN-PLACE COPING, SLAB, AND CURB IS PAID FOR UNDER THE BID ITEM "CONCRETE MASONRY RETAINING WALLS".

THE QUANTITIES AND REINFORCEMENT DETAILS ARE BASED ON AN ASSUMED WALL PANEL THICKNESS OF 5½" AND A 5" PANEL EMBEDMENT. FOR PANEL THICKNESS AND PANEL EMBEDMENT DIFFERENT THAN THESE VALUES, THE CONTRACTOR SHALL VERIFY REINFORCEMENT BAR DETAILS AND QUANTITIES AND WILL BE RESPONSIBLE FOR ANY QUANTITY VARIATIONS.

FILLER SHALL CONFORM TO THE REQUIREMENTS OF AASHTO DESIGNATION M153, TYPES I, II OR III OR M213.

ALL CONTRACTORS EQUIPEMENT MUST MAINTAIN THE MINIMUM OSHA CLEARANCE FROM ATC AND WE ENERGIES OVERHEAD FACILITIES AS DESCRIBED IN OSHA'S GUIDELINES FOR CLEARANCES. ALL CONTRACTORS SHOULD INCORPORATE ANY ADDITIONAL COSTS ASSOCIATED WITH WORKING AROUND EXISTING ATC AND WE ENERGIES FACILITIES INTO THEIR BID, AS ATC AND WE ENERGIES BELIEVE THEY DO NOT IMPOSE ANY DIRECT CONFLICTS WITH THE SCOPE OF THIS PROJECT.



PROPOSED PROFILE GRADE LINE - DAKOTA STREET PEDESTRIAN BRIDGE

Addendum No. 01
ID 1060-33-81
Added Sheet 6680S
August 17, 2015

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE R-40-614

DRAWN BY JRM | PLANS CK'D. PEW

GENERAL NOTES & QUANTITIES

SHEET 2 OF 4

6680S

8

8

Pdf_Dw_HS.plt
PEI_TextSub.tbl

FILE NAME : p:\milwaukee\projects\wisdot\21152.022\dakota\cadd\sheets\081020_gn.dgn PLOT DATE : 1/31/2014 2:32:43 PM PLOT BY : Kurt Feuerstein (Rdwy_Wis) PLOT NAME : PLOT SCALE : 24.0000 sf / IN.

FILE= SCALE =

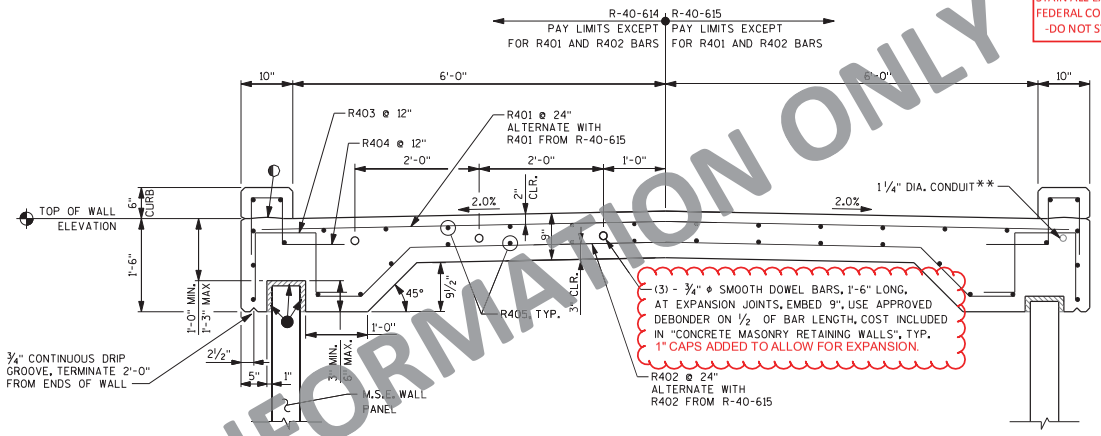
STATE PROJECT NUMBER

1100-03-79

STAIN ALL EXPOSED CONCRETE SURFACES ON R-40-614 BASE COLOR A, FEDERAL COLOR NUMBER 33564, EXCEPT AS FOLLOWS:
-DO NOT STAIN TOP OF SLAB, INSIDE FACE OF CURB OR TOP OF CURB

FOR INFORMATION ONLY

Addendum No. 01
ID 1060-33-81
Added Sheet 6680T
August 17, 2015



TYPICAL SECTION OF SLAB
(LOOKING SOUTH)

◐ OPTIONAL CONST. JOINT - STRIKE OFF AS SHOWN.
● 1" EXPANDED POLYSTYRENE ***

ALL BAR STEEL IN CAST-IN-PLACE CONCRETE SHALL BE EPOXY COATED.

CONCRETE QUANTITY BASED ON 5" PANEL EMBEDMENT & 5 1/2" PANEL THICKNESS.

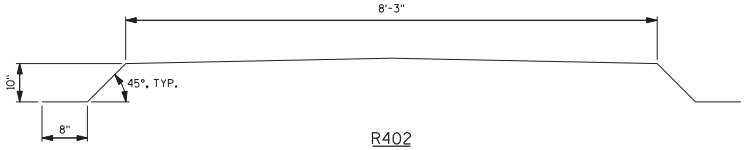
** REFER TO B-40-889 CONDUIT DETAILS FOR EXPANSION FITTING AND BENDING

*** INCIDENTAL TO THE BID ITEM "CONCRETE MASONRY RETAINING WALLS".

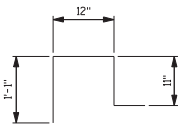
BILL OF BARS

BAR MARK	COATED	NO. REQ'D	LENGTH	BENT	BAR SERIES	LOCATION
R401	X	66	13'-0"			SLAB TOP
R402	X	66	11'-11"	▲		SLAB BOTTOM
R403	X	132	3'-6"	▲		SLAB OVER WALL/COPING
R404	X	132	3'-2"	▲		SLAB CURB
R405	X	19	130'-3"			SLAB, CURB, COPING LONGITUDINAL

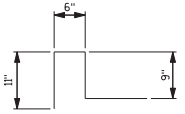
NOTES:
1. THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.
2. ASSUMED PANEL THICKNESS OF 5 1/2" USED WHEN DETERMINING BAR DIMENSIONS.
3. R405 BARS SHALL BE FABRICATED TO MATCH EXPANSION JOINT SPACING, FIELD CUTTING IS NOT ALLOWED.



R402



R403



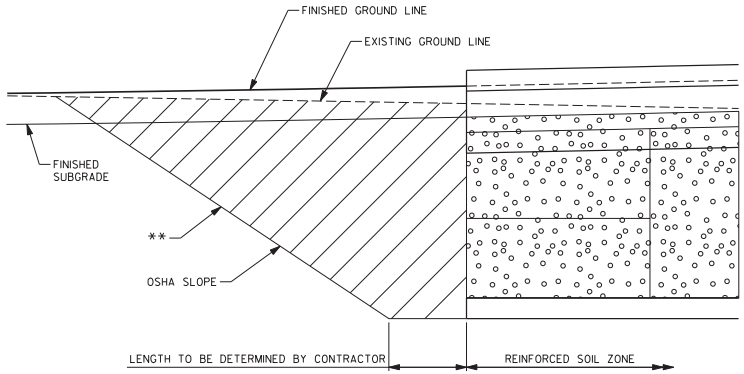
R404

LIMITS OF EXCAVATION AND BACKFILL PAID FOR UNDER "EXCAVATION FOR STRUCTURES RETAINING WALLS (R-40-614)"

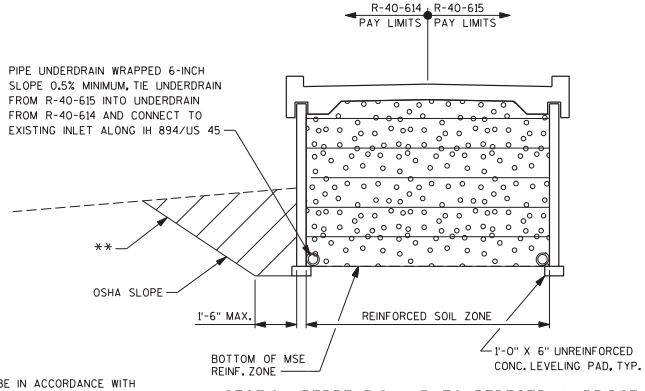
UPPER EXCAVATION LIMITS SHALL BE TO THE EXISTING GROUND LINE AND UPPER BACKFILL LIMITS SHALL BE TO FINISHED SUBGRADE OR FINISHED GROUND LINE.

LIMITS OF EXCAVATION AND BACKFILL PAID FOR UNDER "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFD".

UPPER EXCAVATION LIMITS SHALL BE TO THE EXISTING GROUND LINE AND UPPER BACKFILL LIMITS SHALL BE TO THE BOTTOM OF THE SLAB.



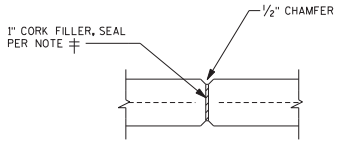
SECTION PARALLEL WITH PEDESTRIAN BRIDGE



SECTION PERPENDICULAR TO PEDESTRIAN BRIDGE

** BACKFILL SHALL BE IN ACCORDANCE WITH SECTION 207 OF THE STANDARD SPECIFICATIONS CONTRACTOR MAY USE EXCAVATED MATERIAL WITH APPROVAL OF THE ENGINEER

EXCAVATION/BACKFILL DETAIL



SLAB & CURB EXPANSION JOINT

DO NOT RUN BAR STEEL THRU JOINT.
MAXIMUM SPACING OF JOINT = 30'
ADJUST BAR R405 LENGTHS TO MATCH JOINT SPACING

‡ SEAL ALL EXPOSED HORIZ. & VERT. SURFACES OF FILLER WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER (1" DEEP AND HOLD 1/8" BELOW SURFACE OF CONC.)

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE R-40-614

DRAWN BY JRM | PLANS CK'D. PEW

WALL AND SLAB DETAILS

SHEET 4 OF 4

6680T

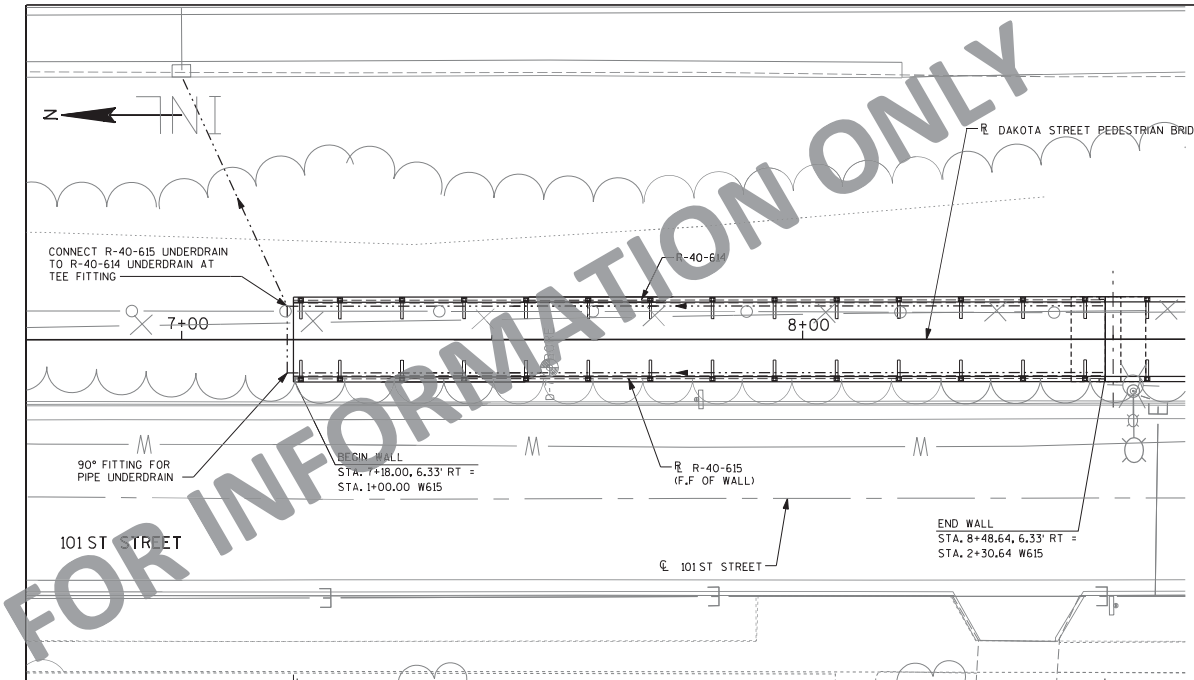
8

8

Pdf_Dw_HS.plt
PEI_TextSub.tbl

FILE NAME : p:\milwaukee\projects\wisdot\21152.022\dakota\cadd\sheets\081450_rt.dgn PLOT DATE : 1/31/2014 2:32:47 PM PLOT BY : Kurt Feuerstein (Rdwy_Wis) PLOT NAME : PLOT SCALE : 24.0000 sf / IN.

FILE= SCALE =



FOR INFORMATION ONLY

STAIN ALL EXPOSED CONCRETE SURFACES ON R-40-615 BASE COLOR A, FEDERAL COLOR NUMBER 33564, EXCEPT AS FOLLOWS:
-DO NOT STAIN TOP OF SLAB, INSIDE FACE OF CURB OR TOP OF CURB

STATE PROJECT NUMBER
1100-03-79

DESIGN DATA

THE CONTRACTOR SHALL PROVIDE COMPLETE DESIGN, PLANS, DETAILS, SPECIFICATIONS, AND SHOP DRAWINGS FOR THE RETAINING WALLS IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE RETAINING WALL MANUFACTURER SHALL PROVIDE TECHNICAL ASSISTANCE TO THE CONTRACTOR DURING CONSTRUCTION. THE COST OF FURNISHING THESE ITEMS SHALL BE INCLUDED IN THE BID ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFD".

PLANS, ELEVATIONS AND DETAILS SHOWN ON THESE DRAWINGS ARE INTENDED TO INDICATE WALL LOCATIONS, LENGTHS, HEIGHTS, AND DETAILS COMMON TO THE WALL SYSTEM SELECTED. THE CONTRACTOR SHALL VERIFY THAT THE WALL SYSTEM SELECTED WILL CONFORM TO THE REQUIRED ALIGNMENTS AND DETAILS.

THE RETAINING WALL IS TO BE DESIGNED USING THE ELEVATIONS GIVEN ON THIS SHEET.

DESIGN THE RETAINING WALL FOR A LIVE LOAD SURCHARGE OF 100 PSF.

THE MAXIMUM VALUE OF THE ANGLE OF INTERNAL FRICTION OF THE WALL BACKFILL MATERIAL IN THE REINFORCED ZONE SHALL BE ASSUMED TO BE 30° WITHOUT CERTIFIED TEST VALUES.

ALLOWABLE WALL SYSTEMS:
WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFD

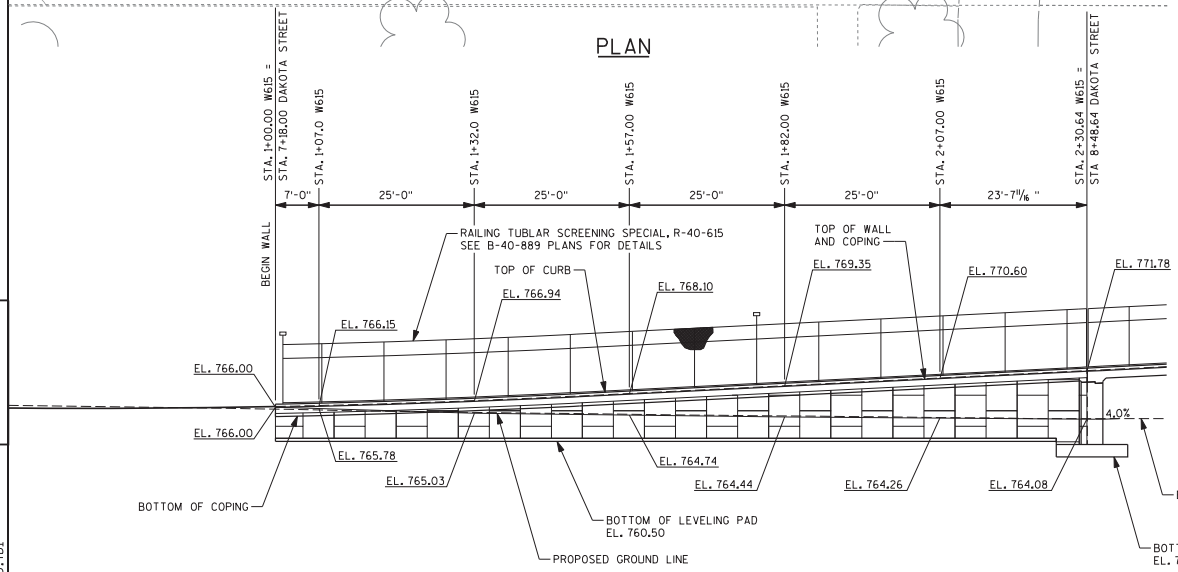
ULTIMATE DESIGN STRESSES:
CONCRETE MASONRY
(PARAPET, SIDEWALK, ANCHOR SLAB AND COPING) f'c = 3,500 PSI
BAR STEEL REINFORCEMENT, GRADE 60 fy = 60,000 PSI

WISCONSIN
KURT E. FEUERSTEIN
E-32444
MILWAUKEE, WI
REGISTERED PROFESSIONAL ENGINEER
2/24/14

LIST OF DRAWINGS

1. GENERAL PLAN AND ELEVATION
2. GENERAL NOTES AND QUANTITIES
3. SUBSURFACE EXPLORATION
4. WALL AND SLAB DETAILS

PLAN



ELEVATION
LOOKING EAST

Addendum No. 01
ID 1060-33-81
Added Sheet 6680U
August 17, 2015

BUREAU OF STRUCTURES CONTACT;
WILLIAM DREHER (608-266-8489)
CONSULTANT CONTACT;
KURT FEUERSTEIN (262-901-2508)

NO.	DATE	REVISION	BY

PATRICK ENGINEERING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED William C. Dreher 2/25/14
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE R-40-615

DAKOTA STREET PED BRIDGE OVER I-894/US

COUNTY	TOWN/CITY/VILLAGE
MILWAUKEE	WEST ALLIS

DESIGN SPEC. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

DESIGNED BY	PEW	DESIGN CK'D.	DMM	DRAWN BY	JRM	PLANS CK'D.	KEF

GENERAL PLAN AND ELEVATION

SHEET 1 OF 4

6680U

8

8

Pdf_Dw_HS.plt
PEI_TextSub.tbl

FILE NAME : p:\milwaukee\projects\wisdot\21152.022\dakota\cadd\sheets\082001_gp.dgn PLOT DATE : 1/31/2014 2:33:09 PM PLOT BY : Kurt Feuerstein (Rdwy_Wis) PLOT NAME : PLOT SCALE : 20.0000 sf / IN.

STATE PROJECT NUMBER
1100-03-79

TOTAL ESTIMATED QUANTITIES

	ITEM NO.	BID ITEM	UNIT	TOTAL
	206.3000	EXCAVATION FOR STRUCTURES RETAINING WALLS (R-40-615)	L.S.	1.0
	502.3200	PROTECTIVE SURFACE TREATMENT	SY	110.0
**	504.0500	CONCRETE MASONRY RETAINING WALLS	CY	35.0
**	505.0615	BAR STEEL REINFORCEMENT HS COATED RETAINING WALLS	LB	3340.0
	532.0500.S	WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFD	SF	996
	612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	143.0
	SPV.0105.05	RAILING TUBULAR SCREENING SPECIAL R-40-615		1.0
		NON-BID ITEMS		
		EXPANDED POLYSTYRENE	SIZE	1"
		NON-BITUMINOUS JOINT FILLER	SIZE	1"
		CORK FILLER	SIZE	1"

ALL ITEMS ARE CATEGORY 0040

** QUANTITY INCLUDES SLAB AND CURB

FOR INFORMATION ONLY

SOIL PARAMETERS

SOIL DESCRIPTIONS & STRATUM LOCATIONS	FRICTION ANGLE (DEGREES)	COHESION (PSF)	UNIT WEIGHT (PCF)
GRANULAR BACKFILL WITHIN THE WALL IN THE WALL REINFORCING ZONE		0	120
BORING D-7, STA. 7+60.00- LT 25'			
FILL, SAND, GRAVEL AND CLAY, BROWN, MOIST. ELEVATION 764.7 FEET TO 761.7 FEET	21	0	130
GRAY LEAN CLAY AND TRACE SAND, VERY STIFF ELEVATION 761.7 FEET TO 729.7 FEET	21	0	130

WALL EXTERNAL AND OVERALL STABILITY EVALUATION

DIMENSIONS					
WALL HEIGHT (FEET)[1]	11.3				
EXPOSED WALL HEIGHT (FEET)[2]	7.6				
MINIMUM LENGTH OF REINFORCEMENT (FEET)	8.0				
WALL STATION	1+00.00				
BORING USED	D-7				
CAPACITY TO DEMAND RATIO (CDR)					
SLIDING (CDR > 1.0)	N/A				
ECCENTRICTY (CDR > 1.0)	N/A				
FACTORED BEARING RESISTANCE (PSF)	6,000				
BEARING RESISTANCE (CDR > 1.0)	2.3				
OVERALL STABILITY (CDR > 1.0)	1.12				

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

THE FIRST OR FIRST TWO DIGITS OF A BAR MARK SIGNIFIES THE BAR SIZE.

BEVEL EXPOSED EDGES OF CONCRETE ¾", UNLESS NOTED OTHERWISE.

APPLY PROTECTIVE SURFACE TREATMENT TO THE TOP OF THE CONCRETE PATH, FACE OF CURBS AND TOP OF CURBS.

THE 'W615' STATION LINE SIGNIFIES THE WALL ℄ LINE STATIONING ALONG THE FRONT FACE OF R-40-615.

ALL WALL STATIONING AND OFFSETS ARE GIVEN AT THE FRONT FACE OF WALL.

COORDINATE CONSTRUCTION OF THE WALL WITH THE NW ABUTMENT OF OF B-40-889

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE LOCATIONS OF ALL EXPANSION JOINTS. LOCATE THE JOINTS TO COINCIDE WITH THE VERTICAL MSE WALL PANEL JOINTS.

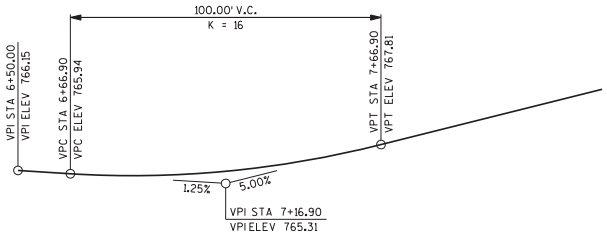
THE PLAN QUANTITY FOR THE BID ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFD" IS BASED ON A WALL HEIGHT MEASURED FROM THE TOP OF THE WALL TO THE TOP OF THE LEVELING PAD.

THE QUANTITY OF CONCRETE MASONRY FOR THE CAST-IN-PLACE COPING, SLAB, AND CURB IS PAID FOR UNDER THE BID ITEM "CONCRETE MASONRY RETAINING WALLS".

THE QUANTITIES AND REINFORCEMENT DETAILS ARE BASED ON AN ASSUMED WALL PANEL THICKNESS OF 5½" AND A 5" PANEL EMBEDMENT. FOR PANEL THICKNESS AND PANEL EMBEDMENT DIFFERENT THAN THESE VALUES, THE CONTRACTOR SHALL VERIFY REINFORCEMENT BAR DETAILS AND QUANTITIES AND WILL BE RESPONSIBLE FOR ANY QUANTITY VARIATIONS.

FILLER SHALL CONFORM TO THE REQUIREMENTS OF AASHTO DESIGNATION M153, TYPES I, II OR III OR M213.

ALL CONTRACTORS EQUIPEMENT MUST MAINTAIN THE MINIMUM OSHA CLEARANCE FROM ATC AND WE ENERGIES OVERHEAD FACILITIES AS DESCRIBED IN OSHA'S GUIDELINES FOR CLEARANCES. ALL CONTRACTORS SHOULD INCORPORATE ANY ADDITIONAL COSTS ASSOCIATED WITH WORKING AROUND EXISTING ATC AND WE ENERGIES FACILITIES INTO THEIR BID, AS ATC AND WE ENERGIES BELIEVE THEY DO NOT IMPOSE ANY DIRECT CONFLICTS WITH THE SCOPE OF THIS PROJECT.



PROPOSED PROFILE GRADE LINE - DAKOTA STREET PEDESTRIAN BRIDGE

Addendum No. 01
ID 1060-33-81
Added Sheet 6680V
August 17, 2015

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE R-40-615

DRAWN BY JRM | PLANS CK'D. PEW

GENERAL NOTES & QUANTITIES

SHEET OF

6680V

8

8

Pdf_pw_HS.plt
PEI_TEXTSUB.TBL

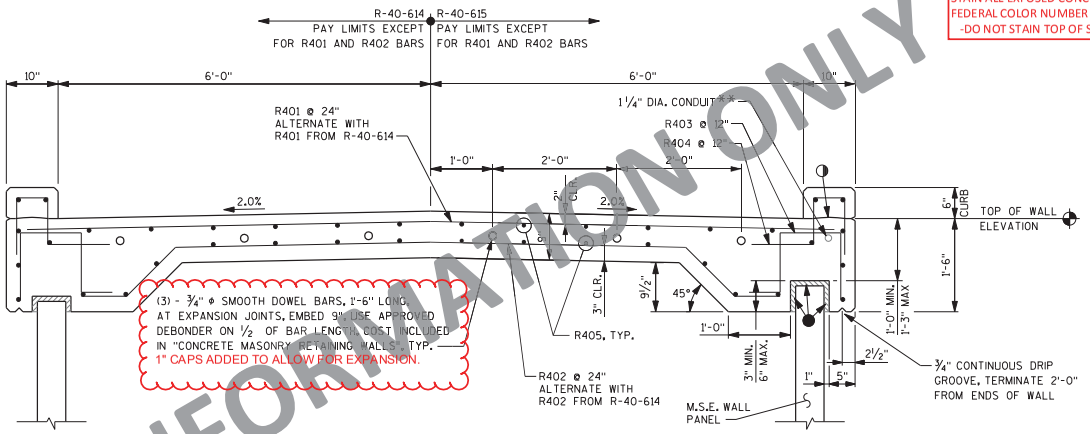
FILE NAME : P:\Milwaukee\Projects\WisDOT\21152.022\Dakota\CADD\Sheets\082020_gn.dgn PLOT DATE : 2/24/2014 4:46:24 PM PLOT BY : Kurt Feuerstein (Rdwy_Wis) PLOT NAME : PLOT SCALE : 24.0000 sf / IN.

FILE=
SCALE =

STATE PROJECT NUMBER
1100-03-79

STAIN ALL EXPOSED CONCRETE SURFACES ON R-40-615 BASE COLOR A, FEDERAL COLOR NUMBER 33564, EXCEPT AS FOLLOWS:
-DO NOT STAIN TOP OF SLAB, INSIDE FACE OF CURB OR TOP OF CURB

FOR INFORMATION ONLY



TYPICAL SECTION OF SLAB

(LOOKING SOUTH)

◐ OPTIONAL CONST. JOINT - STRIKE OFF AS SHOWN.

● 1" EXPANDED POLYSTYRENE ***

ALL BAR STEEL IN CAST-IN-PLACE CONCRETE SHALL BE EPOXY COATED.

CONCRETE QUANTITY BASED ON 5" PANEL EMBEDMENT & 5½" PANEL THICKNESS.

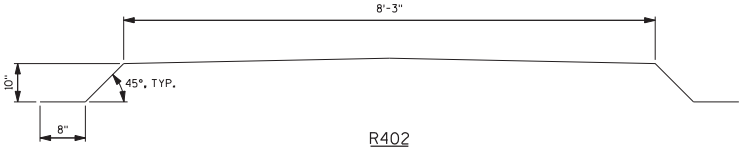
** REFER TO B-40-889 CONDUIT DETAILS FOR EXPANSION FITTING AND BENDING

*** INCIDENTAL TO THE BID ITEM "CONCRETE MASONRY RETAINING WALLS".

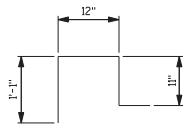
BILL OF BARS

BAR MARK	COATED	NO. REQ'D	LENGTH	BENT	BAR SERIES	LOCATION
R401	X	66	13'-0"			SLAB TOP
R402	X	66	11'-11"	▲		SLAB BOTTOM
R403	X	132	3'-6"	▲		SLAB OVER WALL/COPING
R404	X	132	3'-2"	▲		SLAB CURB
R405	X	19	130'-3"			SLAB, CURB, COPING LONGITUDINAL

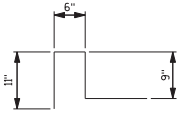
NOTE:
1. THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.
2. ASSUMED PANEL THICKNESS OF 5 1/2" USED WHEN DETERMINING BAR DIMENSIONS.
3. R405 BARS SHALL BE FABRICATED TO MATCH EXPANSION JOINT SPACING, FIELD CUTTING IS NOT ALLOWED.



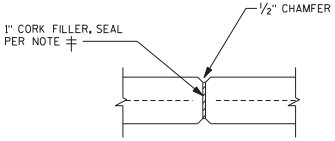
R402



R403



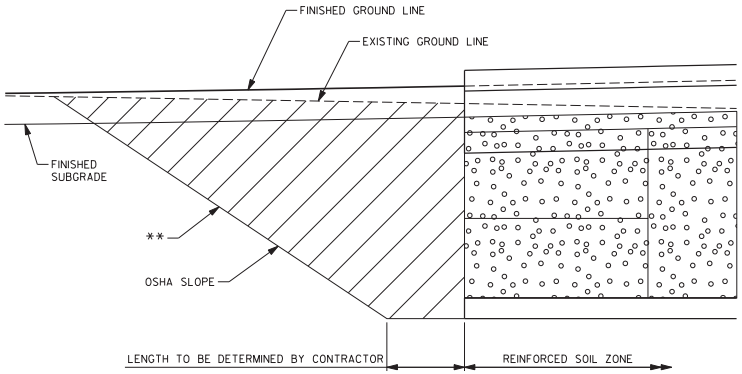
R404



SLAB & CURB EXPANSION JOINT

DO NOT RUN BAR STEEL THRU JOINT.
MAXIMUM SPACING OF JOINT = 30'
ADJUST BAR R405 LENGTHS TO MATCH JOINT SPACING

‡ SEAL ALL EXPOSED HORIZ. & VERT. SURFACES OF FILLER WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER (1" DEEP AND HOLD ⅛" BELOW SURFACE OF CONC.)



SECTION PARALLEL WITH PEDESTRIAN BRIDGE

LIMITS OF EXCAVATION AND BACKFILL PAID FOR UNDER "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFD".

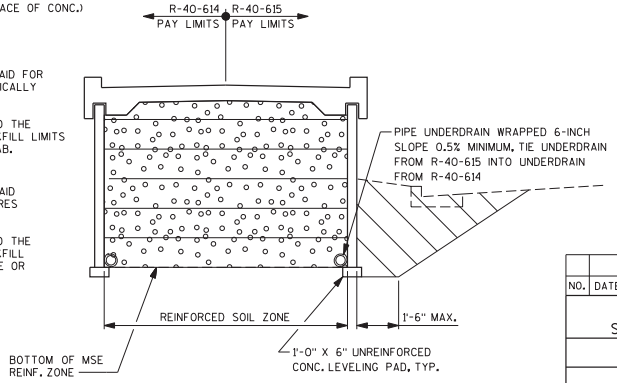
UPPER EXCAVATION LIMITS SHALL BE TO THE EXISTING GROUND LINE AND UPPER BACKFILL LIMITS SHALL BE TO THE BOTTOM OF THE SLAB.

LIMITS OF EXCAVATION AND BACKFILL PAID FOR UNDER "EXCAVATION FOR STRUCTURES RETAINING WALLS (R-40-614)"

UPPER EXCAVATION LIMITS SHALL BE TO THE EXISTING GROUND LINE AND UPPER BACKFILL LIMITS SHALL BE TO FINISHED SUBGRADE OR FINISHED GROUND LINE.

** BACKFILL SHALL BE IN ACCORDANCE WITH SECTION 207 OF THE STANDARD SPECIFICATIONS CONTRACTOR MAY USE EXCAVATED MATERIAL WITH APPROVAL OF THE ENGINEER

EXCAVATION/BACKFILL DETAIL



SECTION PERPENDICULAR TO PEDESTRIAN BRIDGE

Addendum No. 01
ID 1060-33-81
Added Sheet 6680W
August 17, 2015

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE R-40-615

DRAWN BY JRM | PLANS CK'D. PEW

WALL AND SLAB DETAILS

SHEET 4 OF 4

6680W

8

8

Pdf_Dw_HS.plt
PEI_TextSub.tbl

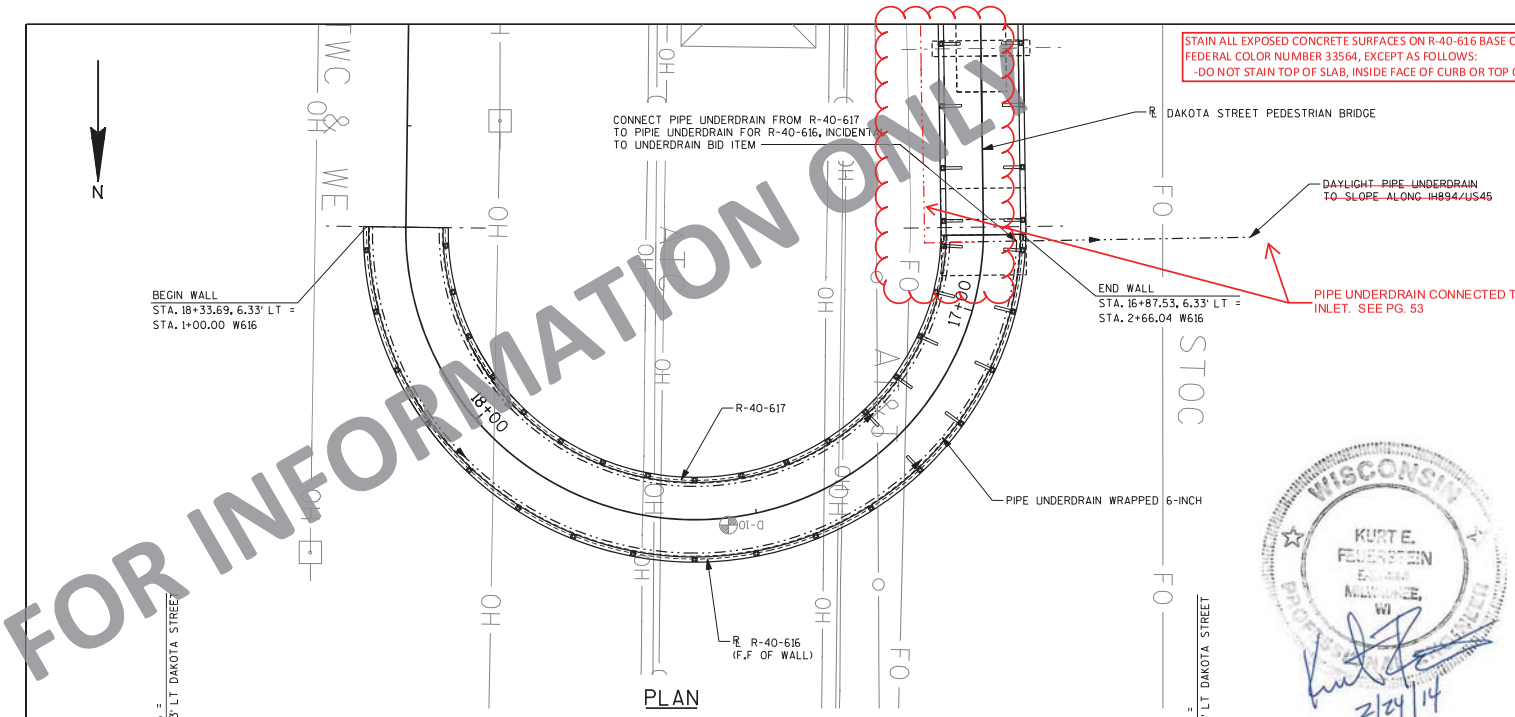
FILE NAME : p:\milwaukee\projects\wisdot\21152.022\ddkota\cadd\sheets\082450_rt.dgn PLOT DATE : 1/31/2014 2:33:14 PM PLOT BY : Kurt Feuerstein (Rdwy_Wis) PLOT NAME : PLOT SCALE : 24.0000 sf / IN.

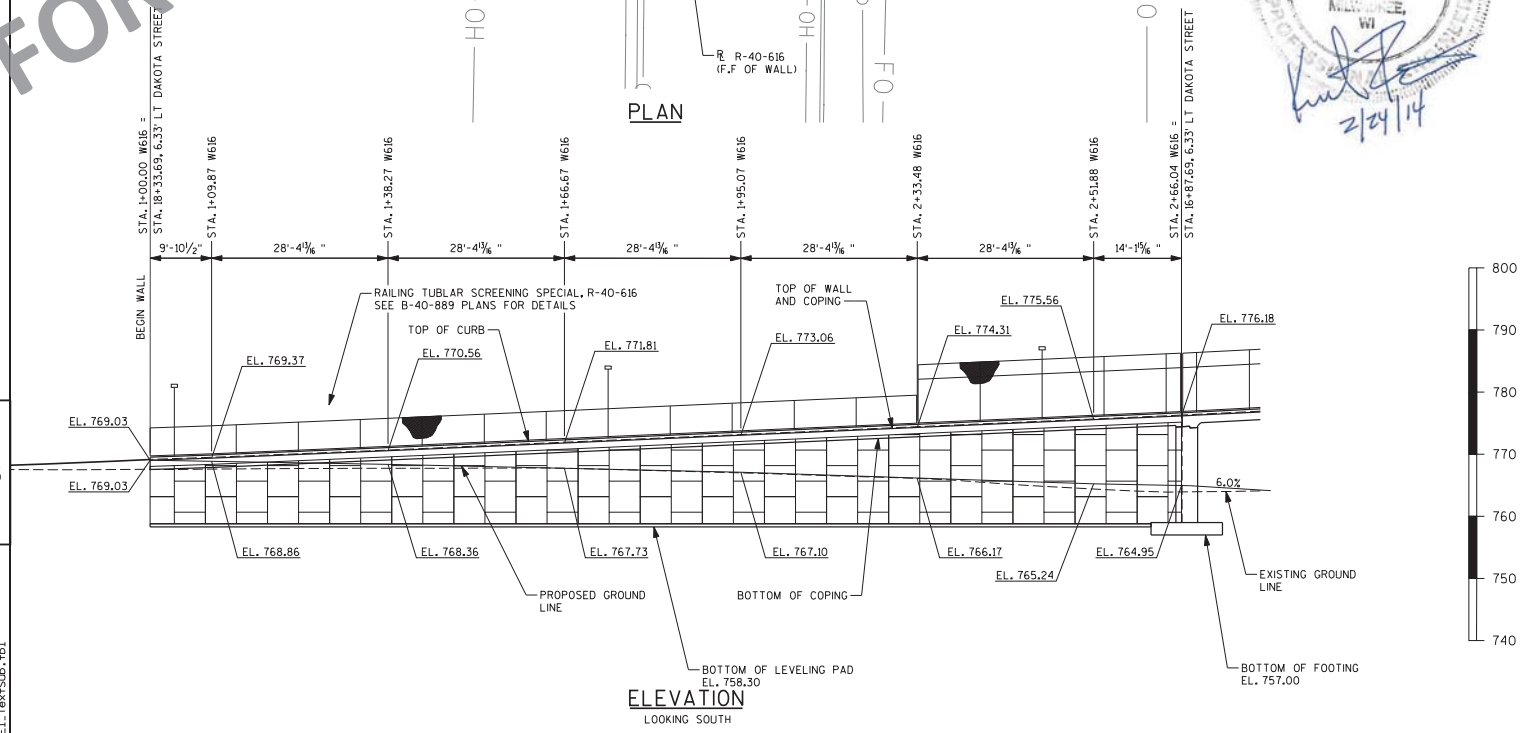
FILE= SCALE =

FOR INFORMATION ONLY

STAIN ALL EXPOSED CONCRETE SURFACES ON R-40-616 BASE COLOR A, FEDERAL COLOR NUMBER 33564, EXCEPT AS FOLLOWS:
-DO NOT STAIN TOP OF SLAB, INSIDE FACE OF CURB OR TOP OF CURB

STATE PROJECT NUMBER
1100-03-79





ELEVATION
LOOKING SOUTH

DESIGN DATA

THE CONTRACTOR SHALL PROVIDE COMPLETE DESIGN, PLANS, DETAILS, SPECIFICATIONS, AND SHOP DRAWINGS FOR THE RETAINING WALLS IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE RETAINING WALL MANUFACTURER SHALL PROVIDE TECHNICAL ASSISTANCE TO THE CONTRACTOR DURING CONSTRUCTION. THE COST OF FURNISHING THESE ITEMS SHALL BE INCLUDED IN THE BID ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFD".

PLANS, ELEVATIONS AND DETAILS SHOWN ON THESE DRAWINGS ARE INTENDED TO INDICATE WALL LOCATIONS, LENGTHS, HEIGHTS, AND DETAILS COMMON TO THE WALL SYSTEM SELECTED. THE CONTRACTOR SHALL VERIFY THAT THE WALL SYSTEM SELECTED WILL CONFORM TO THE REQUIRED ALIGNMENTS AND DETAILS.

THE RETAINING WALL IS TO BE DESIGNED USING THE ELEVATIONS GIVEN ON THIS SHEET.

DESIGN THE RETAINING WALL FOR A LIVE LOAD SURCHARGE OF 100 PSF.

THE MAXIMUM VALUE OF THE ANGLE OF INTERNAL FRICTION OF THE WALL BACKFILL MATERIAL IN THE REINFORCED ZONE SHALL BE ASSUMED TO BE 30° WITHOUT CERTIFIED TEST VALUES.

ALLOWABLE WALL SYSTEMS;
WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFD

ULTIMATE DESIGN STRESSES;
CONCRETE MASONRY
(PARAPET, SIDEWALK, ANCHOR SLAB AND COPING) f'c = 3,500 PSI
BAR STEEL REINFORCEMENT, GRADE 60 fy = 60,000 PSI

WISCONSIN
KURT E. FEUERSTEIN
E-32462
MILWAUKEE, WI
2/24/14

Addendum No. 01
ID 1060-33-81
Added Sheet 6680X
August 17, 2015

LIST OF DRAWINGS

1. GENERAL PLAN AND ELEVATION
2. GENERAL NOTES AND QUANTITIES
3. SUBSURFACE EXPLORATION
4. WALL AND SLAB DETAILS

BUREAU OF STRUCTURES CONTACT;
WILLIAM DREHER (608-266-8489)
CONSULTANT CONTACT;
KURT FEUERSTEIN (262-901-2508)

NO.	DATE	REVISION	BY

PATRICK ENGINEERING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED William C. Dreher 2/25/14
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE R-40-616

DAKOTA STREET PED BRIDGE OVER I-894/US

COUNTY	TOWN/CITY/VILLAGE
MILWAUKEE	WEST ALLIS

DESIGN SPEC.
AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

DESIGNED BY	PEW	DESIGN CK'D.	DMM	DRAWN BY	JRM	PLANS CK'D.	KEF

GENERAL PLAN AND ELEVATION

SHEET 1 OF 4

6680X

8

8

Pdf_Dw_HS.plt
PEI_TextSub.tbl

FILE NAME : p:\milwaukee\projects\wisdot\21152.022\dakota\cadd\sheets\083001_gp.dgn PLOT DATE : 1/31/2014 2:35:15 PM PLOT BY : Kurt Feuerstein (Rdwy_Wis) PLOT NAME : PLOT SCALE : 20.0000 sf / IN.

STATE PROJECT NUMBER
1100-03-79

TOTAL ESTIMATED QUANTITIES

	ITEM NO.	BID ITEM	UNIT	TOTAL
	206.3000	EXCAVATION FOR STRUCTURES RETAINING WALLS (R-40-616)	L.S.	1.0
	502.3200	PROTECTIVE SURFACE TREATMENT	SY	129.0
**	504.0500	CONCRETE MASONRY RETAINING WALLS	CY	43.0
**	505.0615	BAR STEEL REINFORCEMENT HS COATED RETAINING WALLS	LB	4020.0
	532.0500.S	WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFD	SF	2282
	612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	200.0
	652.0125	CONDUIT RIGID METALLIC 1 1/4-INCH	LF	
	652.0215	CONDUIT RIGID NONMETALLIC SCHEDULE 40 1 1/4-INCH	LF	15
	SPV.0105.06	RAILING TUBULAR SCREENING SPECIAL R-40-616	L.S.	
		NON-BID ITEMS		
		EXPANDED POLYSTYRENE	SIZE	1"
		NON-BITUMINOUS JOINT FILLER	SIZE	1"
		CORK FILLER	SIZE	1"

ALL ITEMS ARE CATEGORY 0050

** QUANTITY INCLUDES SLAB AND CURB

FOR INFORMATION ONLY

SOIL PARAMETERS

SOIL DESCRIPTIONS & STRATUM LOCATIONS	FRICTION ANGLE (DEGREES)	COHESION (PSF)	UNIT WEIGHT (PCF)
GRANULAR BACKFILL WITHIN THE WALL IN THE WALL REINFORCING ZONE		0	120
BORING D-10, STA. 17+50- LT 0.0			
FILL, GRAVEL AND CLAY, BROWN, MOIST. ELEVATION 766.6 FEET TO 759.6 FEET	21	0	130
GRAY LEAN CLAY AND TRACE SAND, VERY STIFF ELEVATION 759.6 FEET TO 731.6 FEET	21	0	130

WALL EXTERNAL AND OVERALL STABILITY EVALUATION

DIMENSIONS					
WALL HEIGHT (FEET)[1]	17.9				
EXPOSED WALL HEIGHT (FEET)[2]	12.2				
MINIMUM LENGTH OF REINFORCEMENT (FEET)	11.				
WALL STATION	2+66.04				
BORING USED	D-10				
CAPACITY TO DEMAND RATIO (CDR)					
SLIDING (CDR > 1.0)	N/A				
ECCENTRICTY (CDR > 1.0)	N/A				
FACTORED BEARING RESISTANCE (PSF)	6,000				
BEARING RESISTANCE (CDR > 1.0)	1.65				
OVERALL STABILITY (CDR > 1.0)	1.12				

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

THE FIRST OR FIRST TWO DIGITS OF A BAR MARK SIGNIFIES THE BAR SIZE.

BEVEL EXPOSED EDGES OF CONCRETE ¾", UNLESS NOTED OTHERWISE.

APPLY PROTECTIVE SURFACE TREATMENT TO THE TOP OF THE CONCRETE PATH, FACE OF CURBS AND TOP OF CURBS.

THE 'W616' STATION LINE SIGNIFIES THE WALL ℄ LINE STATIONING ALONG THE FRONT FACE OF R-40-616.

ALL WALL STATIONING AND OFFSETS ARE GIVEN AT THE FRONT FACE OF WALL.

COORDINATE CONSTRUCTION OF THE WALL WITH THE NE ABUTMENT OF OF B-40-889

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE LOCATIONS OF ALL EXPANSION JOINTS. LOCATE THE JOINTS TO COINCIDE WITH THE VERTICAL MSE WALL PANEL JOINTS.

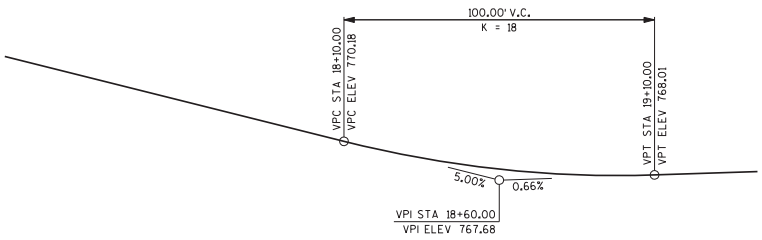
THE PLAN QUANTITY FOR THE BID ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFD" IS BASED ON A WALL HEIGHT MEASURED FROM THE TOP OF THE WALL TO THE TOP OF THE LEVELING PAD.

THE QUANTITY OF CONCRETE MASONRY FOR THE CAST-IN-PLACE COPING, SLAB, AND CURB IS PAID FOR UNDER THE BID ITEM "CONCRETE MASONRY RETAINING WALLS".

THE QUANTITIES AND REINFORCEMENT DETAILS ARE BASED ON AN ASSUMED WALL PANEL THICKNESS OF 5½" AND A 5" PANEL EMBEDMENT. FOR PANEL THICKNESS AND PANEL EMBEDMENT DIFFERENT THAN THESE VALUES, THE CONTRACTOR SHALL VERIFY REINFORCEMENT BAR DETAILS AND QUANTITIES AND WILL BE RESPONSIBLE FOR ANY QUANTITY VARIATIONS.

FILLER SHALL CONFORM TO THE REQUIREMENTS OF AASHTO DESIGNATION M153, TYPES I, II OR III OR M213.

ALL CONTRACTORS EQUIPEMENT MUST MAINTAIN THE MINIMUM OSHA CLEARANCE FROM ATC AND WE ENERGIES OVERHEAD FACILITIES AS DESCRIBED IN OSHA'S GUIDELINES FOR CLEARANCES. ALL CONTRACTORS SHOULD INCORPORATE ANY ADDITIONAL COSTS ASSOCIATED WITH WORKING AROUND EXISTING ATC AND WE ENERGIES FACILITIES INTO THEIR BID, AS ATC AND WE ENERGIES BELIEVE THEY DO NOT IMPOSE ANY DIRECT CONFLICTS WITH THE SCOPE OF THIS PROJECT.



PROPOSED PROFILE GRADE LINE - DAKOTA STREET PEDESTRIAN BRIDGE

Addendum No. 01
ID 1060-33-81
Added Sheet 6680Y
August 17, 2015

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE R-40-616

DRAWN BY JRM | PLANS CK'D. PEW

GENERAL NOTES & QUANTITIES

SHEET OF

6680Y

8

8

Pdf_bw_HS.plt
PEI_TEXTSUB.TBL

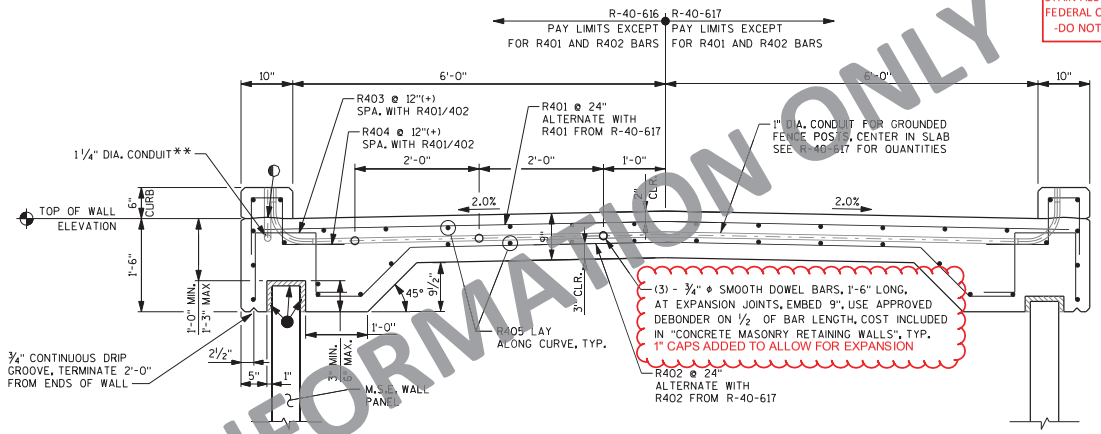
FILE NAME : P:\Milwaukee\Projects\WisDOT\21152.022\Dakota\CADD\Sheets\083020_gn.dgn PLOT DATE : 2/24/2014 4:48:30 PM PLOT BY : Kurt Feuerstein (Rdwy_Wis) PLOT NAME : PLOT SCALE : 24.0000 sf / IN.

FILE=
SCALE =

FOR INFORMATION ONLY

STATE PROJECT NUMBER
1100-03-79

STAIN ALL EXPOSED CONCRETE SURFACES ON R-40-616 BASE COLOR A, FEDERAL COLOR NUMBER 33564, EXCEPT AS FOLLOWS:
-DO NOT STAIN TOP OF SLAB, INSIDE FACE OF CURB OR TOP OF CURB



TYPICAL SECTION OF SLAB
(LOOKING SOUTH)

◐ OPTIONAL CONST. JOINT - STRIKE OFF AS SHOWN.
● 1" EXPANDED POLYSTYRENE ***

ALL BAR STEEL IN CAST-IN-PLACE CONCRETE SHALL BE EPOXY COATED.

CONCRETE QUANTITY BASED ON 5" PANEL EMBEDMENT & 5½" PANEL THICKNESS.

** REFER TO B-40-889 CONDUIT DETAILS FOR EXPANSION FITTING AND BENDING

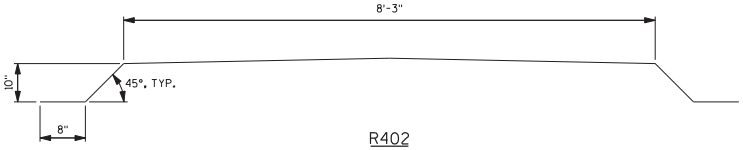
*** INCIDENTAL TO THE BID ITEM "CONCRETE MASONRY RETAINING WALLS".

Addendum No. 01
ID 1060-33-81
Added Sheet 6680Z
August 17, 2015

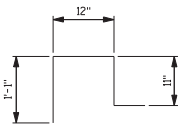
BILL OF BARS

BAR MARK	COATED	NO. REQ'D	LENGTH	BENT	BAR SERIES	LOCATION
R401	X	74	13'-0"			SLAB TOP
R402	X	74	11'-11"	▲		SLAB BOTTOM
R403	X	148	3'-6"	▲		SLAB OVER WALL/COPING
R404	X	148	3'-2"	▲		SLAB CURB
R405	X	19	167'-2"			SLAB, CURB, COPING LONGITUDINAL

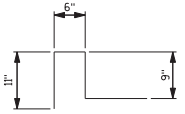
NOTES:
1. THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.
2. ASSUMED PANEL THICKNESS OF 5 1/2" USED WHEN DETERMINING BAR DIMENSIONS.
3. R405 BARS SHALL BE FABRICATED TO MATCH EXPANSION JOINT SPACING, FIELD CUTTING IS NOT ALLOWED.



R402



R403



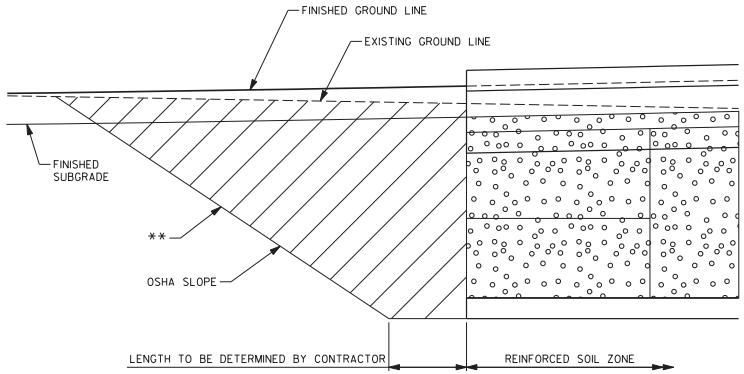
R404

LIMITS OF EXCAVATION AND BACKFILL PAID FOR UNDER "EXCAVATION FOR STRUCTURES RETAINING WALLS (R-40-614)"

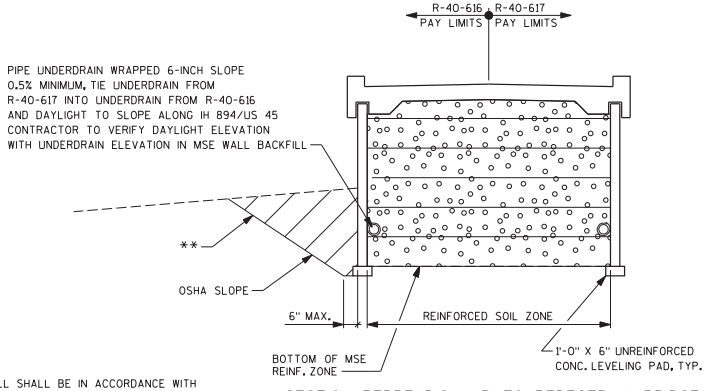
UPPER EXCAVATION LIMITS SHALL BE TO THE EXISTING GROUND LINE AND UPPER BACKFILL LIMITS SHALL BE TO FINISHED SUBGRADE OR FINISHED GROUND LINE.

LIMITS OF EXCAVATION AND BACKFILL PAID FOR UNDER "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFD".

UPPER EXCAVATION LIMITS SHALL BE TO THE EXISTING GROUND LINE AND UPPER BACKFILL LIMITS SHALL BE TO THE BOTTOM OF THE SLAB.



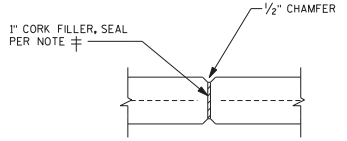
SECTION PARALLEL WITH PEDESTRIAN BRIDGE



SECTION PERPENDICULAR TO PEDESTRIAN BRIDGE

** BACKFILL SHALL BE IN ACCORDANCE WITH SECTION 207 OF THE STANDARD SPECIFICATIONS CONTRACTOR MAY USE EXCAVATED MATERIAL WITH APPROVAL OF THE ENGINEER

EXCAVATION/BACKFILL DETAIL



SLAB & CURB EXPANSION JOINT

DO NOT RUN BAR STEEL THRU JOINT.
MAXIMUM SPACING OF JOINT = 30'
ADJUST BAR R405 LENGTHS TO MATCH JOINT SPACING

‡ SEAL ALL EXPOSED HORIZ. & VERT. SURFACES OF FILLER WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER (1" DEEP AND HOLD ⅛" BELOW SURFACE OF CONC.)

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE R-40-616

DRAWN BY JRM | PLANS CK'D. PEW

WALL AND SLAB DETAILS

SHEET 4 OF 4

6680Z

8

8

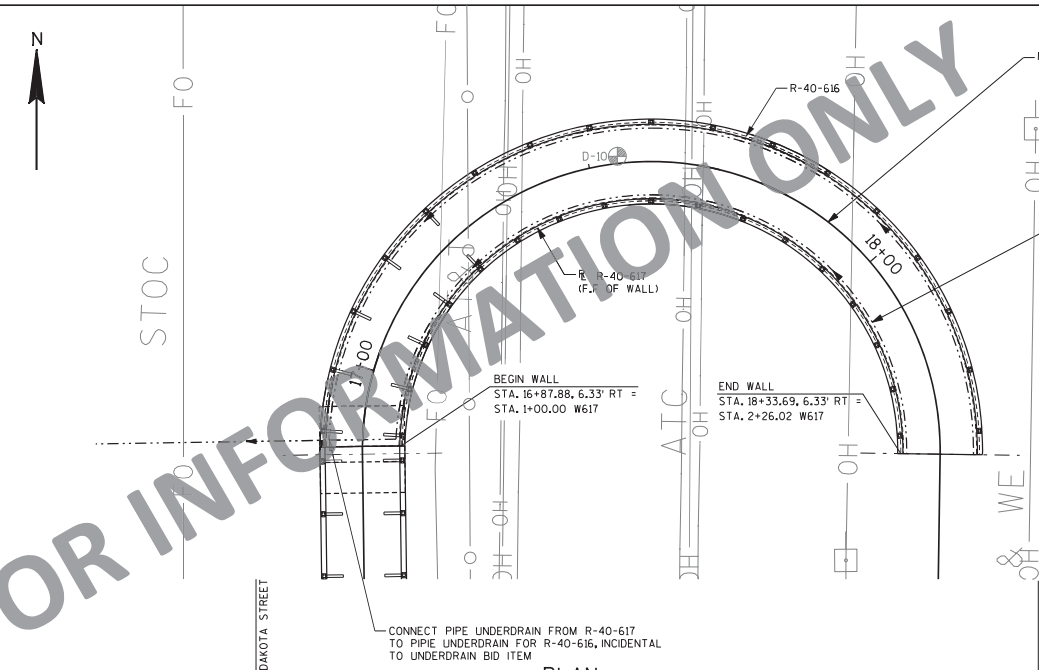
Pdf_Dw_HS.plt
PEI_TextSub.tbl

FILE NAME : p:\milwaukee\projects\wisdot\21152.022\ddkota\cadd\sheets\083450_rt.dgn PLOT DATE : 1/31/2014 2:35:21 PM PLOT BY : Kurt Feuerstein (Rdwy_Wis) PLOT NAME : PLOT SCALE : 24.0000 sf / IN.

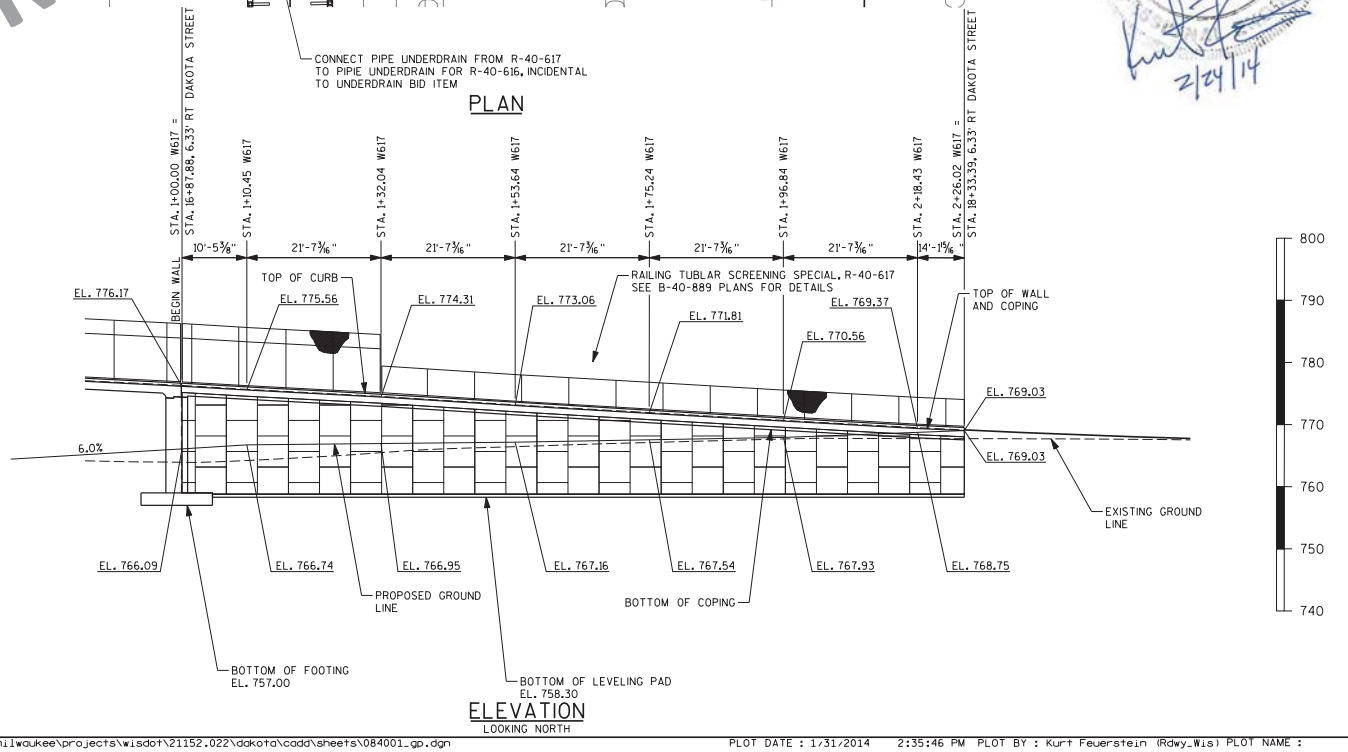
FILE= SCALE =

FOR INFORMATION ONLY

STATE PROJECT NUMBER
1100-03-79



PLAN



ELEVATION
LOOKING NORTH

STAIN ALL EXPOSED CONCRETE SURFACES ON R-40-617 BASE COLOR A, FEDERAL COLOR NUMBER 33564, EXCEPT AS FOLLOWS:
-DO NOT STAIN TOP OF SLAB, INSIDE FACE OF CURB OR TOP OF CURB

DESIGN DATA

THE CONTRACTOR SHALL PROVIDE COMPLETE DESIGN, PLANS, DETAILS, SPECIFICATIONS, AND SHOP DRAWINGS FOR THE RETAINING WALLS IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE RETAINING WALL MANUFACTURER SHALL PROVIDE TECHNICAL ASSISTANCE TO THE CONTRACTOR DURING CONSTRUCTION. THE COST OF FURNISHING THESE ITEMS SHALL BE INCLUDED IN THE BID ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFD".

PLANS, ELEVATIONS AND DETAILS SHOWN ON THESE DRAWINGS ARE INTENDED TO INDICATE WALL LOCATIONS, LENGTHS, HEIGHTS, AND DETAILS COMMON TO THE WALL SYSTEM SELECTED. THE CONTRACTOR SHALL VERIFY THAT THE WALL SYSTEM SELECTED WILL CONFORM TO THE REQUIRED ALIGNMENTS AND DETAILS.

THE RETAINING WALL IS TO BE DESIGNED USING THE ELEVATIONS GIVEN ON THIS SHEET.

DESIGN THE RETAINING WALL FOR A LIVE LOAD SURCHARGE OF 100 PSF.

THE MAXIMUM VALUE OF THE ANGLE OF INTERNAL FRICTION OF THE WALL BACKFILL MATERIAL IN THE REINFORCED ZONE SHALL BE ASSUMED TO BE 30° WITHOUT CERTIFIED TEST VALUES.

ALLOWABLE WALL SYSTEMS:
WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFD

ULTIMATE DESIGN STRESSES:
CONCRETE MASONRY
(PARAPET, SIDEWALK, ANCHOR SLAB AND COPING) f'c = 3,500 PSI
BAR STEEL REINFORCEMENT, GRADE 60 fy = 60,000 PSI

WISCONSIN
KURT E. FEUERSTEIN
E-32441
MILWAUKEE, WI
PROFESSIONAL ENGINEER
2/24/14

LIST OF DRAWINGS

1. GENERAL PLAN AND ELEVATION
2. GENERAL NOTES AND QUANTITIES
3. SUBSURFACE EXPLORATION
4. WALL AND SLAB DETAILS

BUREAU OF STRUCTURES CONTACT:
WILLIAM DREHER (608-266-8489)
CONSULTANT CONTACT:
KURT FEUERSTEIN (262-901-2508)

NO.	DATE	REVISION	BY

Addendum No. 01
ID 1060-33-81
Added Sheet 6680AA
August 17, 2015

PATRICK
ENGINEER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED William C. Dreher 2/25/14
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE R-40-617

DAKOTA STREET PED BRIDGE OVER I-894/US

COUNTY	TOWN/CITY/VILLAGE
MILWAUKEE	WEST ALLIS

DESIGN SPEC. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
PEW	DMM	JRM	KEF

GENERAL PLAN AND ELEVATION

SHEET 1 OF 4

6680AA

8

8

Pdf_Dw_HS.plt
PEI_TextSub.tbl

STATE PROJECT NUMBER
1100-03-79

TOTAL ESTIMATED QUANTITIES

	ITEM NO.	BID ITEM	UNIT	TOTAL
	206.3000	EXCAVATION FOR STRUCTURES RETAINING WALLS (R-40-617)	L.S.	1.0
	502.3200	PROTECTIVE SURFACE TREATMENT	SY	110.0
**	504.0500	CONCRETE MASONRY RETAINING WALLS	CY	36.0
**	505.0615	BAR STEEL REINFORCEMENT HS COATED RETAINING WALLS	LB	3750.0
	532.0500.S	WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFD	SF	[illegible]
	612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	139.0
	652.0210	CONDUIT RIGID NONMETALLIC SCHEDULE 40 1-INCH		65.0
	SPV.0105.07	RAILING TUBULAR SCREENING SPECIAL R-40-617	S.	
		NON-BID ITEMS		
		EXPANDED POLYSTYRENE	SI.	1"
		NON-BITUMINOUS JOINT FILLER	SIZE	1"
		CORK FILLER	SIZE	1"

ALL ITEMS ARE CATEGORY 0060

** QUANTITY INCLUDES SLAB AND CURB

FOR INFORMATION ONLY

SOIL PARAMETERS

SOIL DESCRIPTIONS & STRATUM LOCATIONS	FRICTION ANGLE (DEGREES)	COHESION (PSF)	UNIT WEIGHT (PCF)
GRANULAR BACKFILL WITHIN THE WALL IN THE WALL REINFORCING ZONE		0	120
BORING D-10, STA. 17+50- LT 0.0			
FILL, GRAVEL AND CLAY, BROWN, MOIST. ELEVATION 766.6 FEET TO 759.6 FEET	21	0	130
GRAY LEAN CLAY AND TRACE SAND, VERY STIFF ELEVATION 759.6 FEET TO 731.6 FEET	21	0	130

WALL EXTERNAL AND OVERALL STABILITY EVALUATION

DIMENSIONS					
WALL HEIGHT (FEET)[1]	17.9				
EXPOSED WALL HEIGHT (FEET)[2]	12.3				
MINIMUM LENGTH OF REINFORCEMENT (FEET)	11.5				
WALL STATION	1+00.00				
BORING USED	D-10				
CAPACITY TO DEMAND RATIO (CDR)					
SLIDING (CDR > 1.0)	N/A				
ECCENTRICTY (CDR > 1.0)	N/A				
FACTORED BEARING RESISTANCE (PSF)	6,000				
BEARING RESISTANCE (CDR > 1.0)	1.65				
OVERALL STABILITY (CDR > 1.0)	1.12				

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

THE FIRST OR FIRST TWO DIGITS OF A BAR MARK SIGNIFIES THE BAR SIZE.

BEVEL EXPOSED EDGES OF CONCRETE ¾", UNLESS NOTED OTHERWISE.

APPLY PROTECTIVE SURFACE TREATMENT TO THE TOP OF THE CONCRETE PATH, FACE OF CURBS AND TOP OF CURBS.

THE 'W617' STATION LINE SIGNIFIES THE WALL ℄ LINE STATIONING ALONG THE FRONT FACE OF R-40-617.

ALL WALL STATIONING AND OFFSETS ARE GIVEN AT THE FRONT FACE OF WALL.

COORDINATE CONSTRUCTION OF THE WALL WITH THE NE ABUTMENT OF OF B-40-889

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE LOCATIONS OF ALL EXPANSION JOINTS. LOCATE THE JOINTS TO COINCIDE WITH THE VERTICAL MSE WALL PANEL JOINTS.

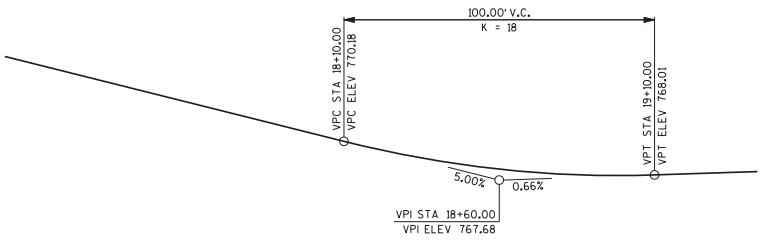
THE PLAN QUANTITY FOR THE BID ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFD" IS BASED ON A WALL HEIGHT MEASURED FROM THE TOP OF THE WALL TO THE TOP OF THE LEVELING PAD.

THE QUANTITY OF CONCRETE MASONRY FOR THE CAST-IN-PLACE COPING, SLAB, AND CURB IS PAID FOR UNDER THE BID ITEM "CONCRETE MASONRY RETAINING WALLS".

THE QUANTITIES AND REINFORCEMENT DETAILS ARE BASED ON AN ASSUMED WALL PANEL THICKNESS OF 5½" AND A 5" PANEL EMBEDMENT. FOR PANEL THICKNESS AND PANEL EMBEDMENT DIFFERENT THAN THESE VALUES, THE CONTRACTOR SHALL VERIFY REINFORCEMENT BAR DETAILS AND QUANTITIES AND WILL BE RESPONSIBLE FOR ANY QUANTITY VARIATIONS.

FILLER SHALL CONFORM TO THE REQUIREMENTS OF AASHTO DESIGNATION M153, TYPES I, II OR III OR M213.

ALL CONTRACTORS EQUIPEMENT MUST MAINTAIN THE MINIMUM OSHA CLEARANCE FROM ATC AND WE ENERGIES OVERHEAD FACILITIES AS DESCRIBED IN OSHA'S GUIDELINES FOR CLEARANCES. ALL CONTRACTORS SHOULD INCORPORATE ANY ADDITIONAL COSTS ASSOCIATED WITH WORKING AROUND EXISTING ATC AND WE ENERGIES FACILITIES INTO THEIR BID, AS ATC AND WE ENERGIES BELIEVE THEY DO NOT IMPOSE ANY DIRECT CONFLICTS WITH THE SCOPE OF THIS PROJECT.



PROPOSED PROFILE GRADE LINE - DAKOTA STREET PEDESTRIAN BRIDGE

Addendum No. 01
ID 1060-33-81
Added Sheet 6680AB
August 17, 2015

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE R-40-617

DRAWN BY JRM | PLANS CK'D. PEW

GENERAL NOTES & QUANTITIES

SHEET OF

6680AB

8

8

Pdf_bw_HS.plt
PEI_TEXTSUB.TBL

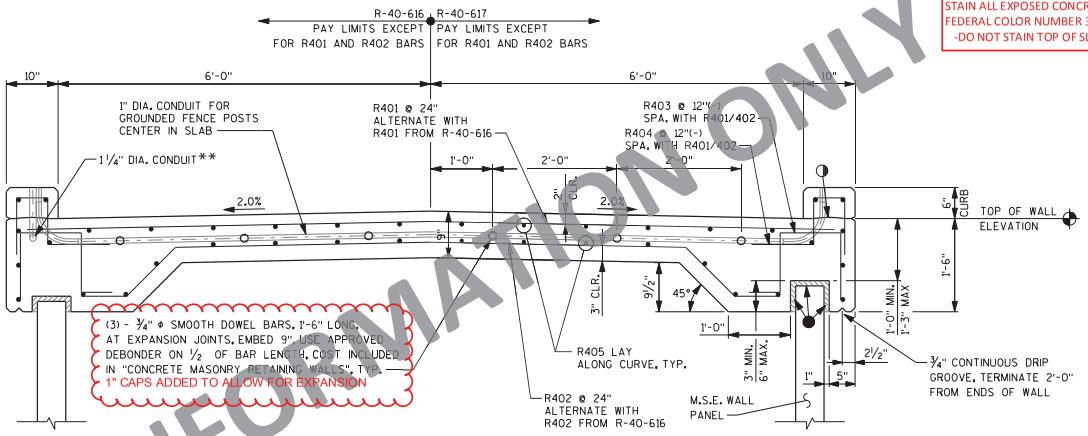
FILE NAME : P:\Milwaukee\Projects\WisDOT\21152.022\Dakota\CADD\Sheets\084020_gn.dgn PLOT DATE : 2/24/2014 4:51:02 PM PLOT BY : Kurt Feuerstein (Rdwy_Wis) PLOT NAME : PLOT SCALE : 24.0000 sf / IN.

FILE=
SCALE =

FOR INFORMATION ONLY

STATE PROJECT NUMBER
1100-03-79

STAIN ALL EXPOSED CONCRETE SURFACES ON R-40-617 BASE COLOR A, FEDERAL COLOR NUMBER 33564, EXCEPT AS FOLLOWS:
-DO NOT STAIN TOP OF SLAB, INSIDE FACE OF CURB OR TOP OF CURB



TYPICAL SECTION OF SLAB
(LOOKING SOUTH)

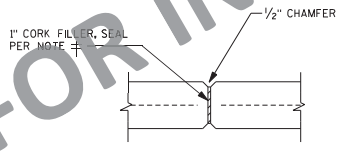
◐ OPTIONAL CONST. JOINT - STRIKE OFF AS SHOWN.
● 1" EXPANDED POLYSTYRENE ***

ALL BAR STEEL IN CAST-IN-PLACE CONCRETE SHALL BE EPOXY COATED.

CONCRETE QUANTITY BASED ON 5" PANEL EMBEDMENT & 5½" PANEL THICKNESS.

** REFER TO B-40-889 CONDUIT DETAILS FOR EXPANSION FITTING AND BENDING

*** INCIDENTAL TO THE BID ITEM "CONCRETE MASONRY RETAINING WALLS".



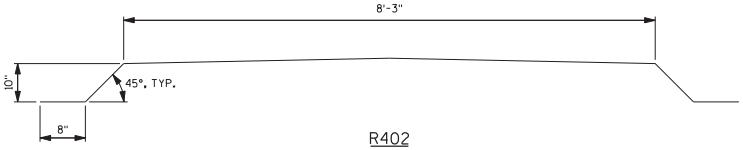
SLAB & CURB EXPANSION JOINT
DO NOT RUN BAR STEEL THRU JOINT.
MAXIMUM SPACING OF JOINT = 30'
ADJUST BAR R405 LENGTHS TO MATCH JOINT SPACING

‡ SEAL ALL EXPOSED HORIZ. & VERT. SURFACES OF FILLER WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER (1" DEEP AND HOLD ⅛" BELOW SURFACE OF CONC.)

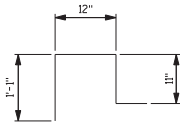
BILL OF BARS

BAR MARK	COATED	NO. REQ'D	LENGTH	BENT	BAR SERIES	LOCATION
R401	X	74	13'-0"			SLAB TOP
R402	X	74	11'-11"	▲		SLAB BOTTOM
R403	X	148	3'-6"	▲		SLAB OVER WALL/COPING
R404	X	148	3'-2"	▲		SLAB CURB
R405	X	19	145'-9"			SLAB, CURB, COPING LONGITUDINAL

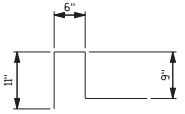
NOTES:
1. THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.
2. ASSUMED PANEL THICKNESS OF 5 1/2" USED WHEN DETERMINING BAR DIMENSIONS.
3. R405 BARS SHALL BE FABRICATED TO MATCH EXPANSION JOINT SPACING, FIELD CUTTING IS NOT ALLOWED.



R402

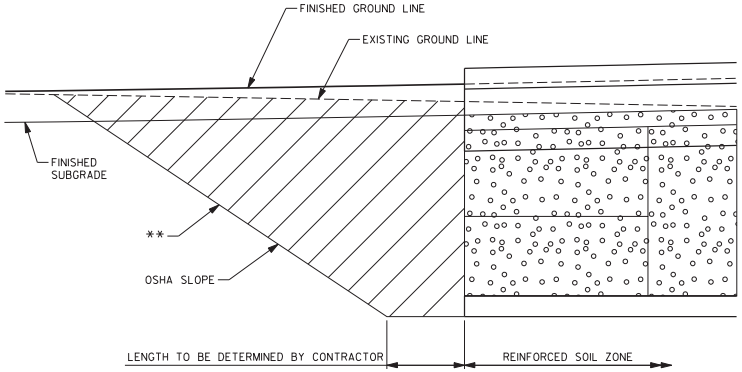


R403



R404

Addendum No. 01
ID 1060-33-81
Added Sheet 6680AC
August 17, 2015



SECTION PARALLEL WITH PEDESTRIAN BRIDGE

LIMITS OF EXCAVATION AND BACKFILL PAID FOR UNDER "EXCAVATION FOR STRUCTURES RETAINING WALLS (R-40-614)"

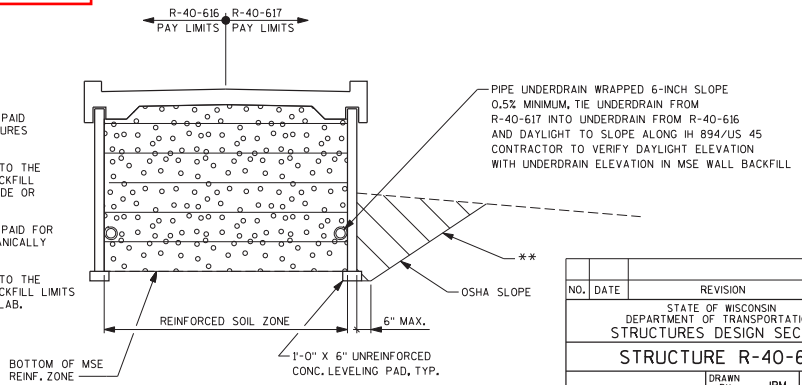
UPPER EXCAVATION LIMITS SHALL BE TO THE EXISTING GROUND LINE AND UPPER BACKFILL LIMITS SHALL BE TO FINISHED SUBGRADE OR FINISHED GROUND LINE.

LIMITS OF EXCAVATION AND BACKFILL PAID FOR UNDER "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFD".

UPPER EXCAVATION LIMITS SHALL BE TO THE EXISTING GROUND LINE AND UPPER BACKFILL LIMITS SHALL BE TO THE BOTTOM OF THE SLAB.

** BACKFILL SHALL BE IN ACCORDANCE WITH SECTION 207 OF THE STANDARD SPECIFICATIONS CONTRACTOR MAY USE EXCAVATED MATERIAL WITH APPROVAL OF THE ENGINEER

EXCAVATION/BACKFILL DETAIL



SECTION PERPENDICULAR TO PEDESTRIAN BRIDGE

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE R-40-617

DRAWN BY JRM | PLANS CK'D. PEW

WALL AND SLAB DETAILS

SHEET 4 OF 4

6680AC

8

8

Pdf_Dw_HS.plt
PEI_TextSub.tbl

FILE NAME : p:\milwaukee\projects\wisdot\21152.022\dakota\cadd\sheets\084450_rt.dgn PLOT DATE : 1/31/2014 2:35:51 PM PLOT BY : Kurt Feuerstein (Rdwy_Wis) PLOT NAME : PLOT SCALE : 24.0000 sf / IN.

FILE= SCALE =

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
	SECTION 0001 Roadway Items					
0001	108.3100.S Incentive/Disincentive for Interim Completion of Work 0003. Ramp NE	0.100 CD	10000.00000		1000.00	
0002	108.4400 CPM Progress Schedule	1.000 EACH	.		.	
0003	201.0105 Clearing	336.000 STA	.		.	
0004	201.0120 Clearing	528.000 ID	.		.	
0005	201.0205 Grubbing	336.000 STA	.		.	
0006	201.0220 Grubbing	528.000 ID	.		.	
0007	203.0200 Removing Old Structure (station) 0001. 591WS+30	LUMP	LUMP		.	
0008	203.0200 Removing Old Structure (station) 0002. 175HA+52.38	LUMP	LUMP		.	
0009	203.0200 Removing Old Structure (station) 0003. 285NS+50	LUMP	LUMP		.	

SCHEDULE OF ITEMS REVISED:

CONTRACT:	PROJECT(S):	FEDERAL ID(S):
20150929001	1060-33-81	WISC 2015473
	1060-34-82	N/A
	1060-43-81	WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0010	203.0200 Removing Old Structure (station) 0004. 600ES+80	LUMP	LUMP			.
0011	203.0200 Removing Old Structure (station) 0005. 589ES+60	LUMP	LUMP			.
0012	203.0200 Removing Old Structure (station) 0006. 296NS+00	LUMP	LUMP			.
0013	203.0200 Removing Old Structure (station) 0007. 128EW+41	LUMP	LUMP			.
0014	203.0200 Removing Old Structure (station) 0008. 127EW+00	LUMP	LUMP			.
0015	203.0200 Removing Old Structure (station) 0009. 112EW+25	LUMP	LUMP			.
0016	203.0200 Removing Old Structure (station) 0010. 112EW+24	LUMP	LUMP			.
0017	203.0200 Removing Old Structure (station) 0011. 229NS+80	LUMP	LUMP			.
0018	203.0200 Removing Old Structure (station) 0012. 229NS+90	LUMP	LUMP			.
0019	203.0200 Removing Old Structure (station) 0015. 592SE+50	LUMP	LUMP			.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0020	203.0200 Removing Old Structure (station) 0016. 545NE+50	LUMP	LUMP			.
0021	203.0200 Removing Old Structure (station) 0017. 591ES+22	LUMP	LUMP			.
0022	203.0200 Removing Old Structure (station) 0018. 596ES+71	LUMP	LUMP			.
0023	203.0200 Removing Old Structure (station) 0019. 786GE+00	LUMP	LUMP			.
0024	203.0200 Removing Old Structure (station) 0020. 16+00	LUMP	LUMP			.
0025	203.0200 Removing Old Structure (station) 0021. 236NS+00	LUMP	LUMP			.
0026	203.0200 Removing Old Structure (station) 0022. 252NS+65	LUMP	LUMP			.
0027	203.0200 Removing Old Structure (station) 0023. 253NS+50	LUMP	LUMP			.
0029	203.0200 Removing Old Structure (station) 0025. 155EW+50	LUMP	LUMP			.
0030	203.0200 Removing Old Structure (station) 0026. 159EW+00	LUMP	LUMP			.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0031	203.0200 Removing Old Structure (station) 0027. 556NE+00	LUMP	LUMP			.
0032	203.0200 Removing Old Structure (station) 0028. 734BA+50	LUMP	LUMP			.
0033	203.0200 Removing Old Structure (station) 0029. 345NS+00	LUMP	LUMP			.
0034	203.0210.S Abatement of Asbestos Containing Material (structure) 0001. B-40-101	LUMP	LUMP			.
0035	203.0210.S Abatement of Asbestos Containing Material (structure) 0002. B-40-0112	LUMP	LUMP			.
0036	203.0210.S Abatement of Asbestos Containing Material (structure) 0003. B-40-0126	LUMP	LUMP			.
0037	203.0210.S Abatement of Asbestos Containing Material (structure) 0004. B-40-0127	LUMP	LUMP			.
0038	203.0210.S Abatement of Asbestos Containing Material (structure) 0005. B-40-0143	LUMP	LUMP			.
0039	203.0210.S Abatement of Asbestos Containing Material (structure) 0006. B-40-0144	LUMP	LUMP			.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0040	203.0210.S Abatement of Asbestos Containing Material (structure) 0007. B-40-94	LUMP	LUMP			.
0041	203.0210.S Abatement of Asbestos Containing Material (structure) 0008. B-40-0096	LUMP	LUMP			.
0042	203.0210.S Abatement of Asbestos Containing Material (structure) 0009. B-40-0097	LUMP	LUMP			.
0043	203.0225.S Debris Containment (structure) 0001. B-40-0126	LUMP	LUMP			.
0044	203.0225.S Debris Containment (structure) 0002. B-40-0127	LUMP	LUMP			.
0045	203.0600.S Removing Old Structure Over Waterway With Minimal Debris (station) 0001. 100EW+77	LUMP	LUMP			.
0046	203.0600.S Removing Old Structure Over Waterway With Minimal Debris (station) 0002. 100EW+80	LUMP	LUMP			.
0047	204.0100 Removing Pavement **P**	271,595.000 SY	.			.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0048	204.0109.S Removing Concrete Surface Partial Depth **P**	7,771.000 SF		.		.
0049	204.0110 Removing Asphaltic Surface **P**	70,771.000 SY		.		.
0050	204.0120 Removing Asphaltic Surface Milling **P**	31,419.000 SY		.		.
0051	204.0150 Removing Curb & Gutter **P**	7,078.000 LF		.		.
0052	204.0155 Removing Concrete Sidewalk **P**	1,217.000 SY		.		.
0053	204.0157 Removing Concrete Barrier **P**	38,677.000 LF		.		.
0054	204.0165 Removing Guardrail **P**	5,614.000 LF		.		.
0055	204.0170 Removing Fence **P**	34,114.000 LF		.		.
0056	204.0195 Removing Concrete Bases	140.000 EACH		.		.
0057	204.0210 Removing Manholes	91.000 EACH		.		.

CONTRACT: 20150929001
PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81
FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0058	204.0220 Removing Inlets	565.000 EACH		.		.
0059	204.0245 Removing Storm Sewer (size) 0001. 12-Inch	17,857.000 LF		.		.
0060	204.0245 Removing Storm Sewer (size) 0002. 15-Inch	4,058.000 LF		.		.
0061	204.0245 Removing Storm Sewer (size) 0003. 18-Inch	2,125.000 LF		.		.
0062	204.0245 Removing Storm Sewer (size) 0004. 21-Inch	1,913.000 LF		.		.
0063	204.0245 Removing Storm Sewer (size) 0005. 24-Inch	508.000 LF		.		.
0064	204.0245 Removing Storm Sewer (size) 0006. 27-Inch	870.000 LF		.		.
0065	204.0245 Removing Storm Sewer (size) 0007. 30-Inch	1,241.000 LF		.		.
0066	204.0245 Removing Storm Sewer (size) 0008. 42-Inch	195.000 LF		.		.
0067	204.0245 Removing Storm Sewer (size) 0009. 48-Inch	1,790.000 LF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0068	204.0245 Removing Storm Sewer (size) 0010. 54-Inch	1,853.000 LF		.		.
0069	204.0245 Removing Storm Sewer (size) 0011. 60-Inch	124.000 LF		.		.
0070	204.0245 Removing Storm Sewer (size) 0015. 96-Inch	98.000 LF		.		.
0071	204.0250 Abandoning Manholes	2.000 EACH		.		.
0072	204.0280 Sealing Pipes	87.000 EACH		.		.
0073	204.0291.S Abandoning Sewer	636.000 CY		.		.
0074	204.9060.S Removing (item description) 0002. Apron Endwall	9.000 EACH		.		.
0075	204.9090.S Removing (item description) 0001. Noise Barrier	4,759.000 LF		.		.
0076	204.9090.S Removing (item description) 0005. Drain Slotted Vane	566.000 LF		.		.
0077	205.0100 Excavation Common **P**	1,076,127 CY		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0078	206.1000 Excavation for Structures Bridges (structure) 0002. B-40-787	LUMP	LUMP			.
0079	206.1000 Excavation for Structures Bridges (structure) 0003. B-40-788	LUMP	LUMP			.
0080	206.1000 Excavation for Structures Bridges (structure) 0004. B-40-790	LUMP	LUMP			.
0081	206.1000 Excavation for Structures Bridges (structure) 0005. B-40-795	LUMP	LUMP			.
0082	206.1000 Excavation for Structures Bridges (structure) 0006. B-40-796	LUMP	LUMP			.
0083	206.1000 Excavation for Structures Bridges (structure) 0007. B-40-797	LUMP	LUMP			.
0084	206.1000 Excavation for Structures Bridges (structure) 0008. B-40-851	LUMP	LUMP			.
0085	206.1000 Excavation for Structures Bridges (structure) 0012. B-40-858	LUMP	LUMP			.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0086	206.1000 Excavation for Structures Bridges (structure) 0013. B-40-859	LUMP	LUMP			.
0087	206.1000 Excavation for Structures Bridges (structure) 0014. B-40-860	LUMP	LUMP			.
0088	206.1000 Excavation for Structures Bridges (structure) 0015. B-40-861	LUMP	LUMP			.
0089	206.1000 Excavation for Structures Bridges (structure) 0016. B-40-867	LUMP	LUMP			.
0090	206.1000 Excavation for Structures Bridges (structure) 0017. B-40-869	LUMP	LUMP			.
0091	206.1000 Excavation for Structures Bridges (structure) 0018. B-40-870	LUMP	LUMP			.
0092	206.1000 Excavation for Structures Bridges (structure) 0019. B-40-871	LUMP	LUMP			.
0093	206.1000 Excavation for Structures Bridges (structure) 0020. B-40-872	LUMP	LUMP			.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0094	206.1000 Excavation for Structures Bridges (structure) 0021. B-40-873	LUMP	LUMP			.
0095	206.1000 Excavation for Structures Bridges (structure) 0022. B-40-874	LUMP	LUMP			.
0096	206.1000 Excavation for Structures Bridges (structure) 0023. B-40-882	LUMP	LUMP			.
0097	206.1000 Excavation for Structures Bridges (structure) 0024. B-40-883	LUMP	LUMP			.
0098	206.3000 Excavation for Structures Retaining Walls (structure) 0001. R-40-467	LUMP	LUMP			.
0099	206.3000 Excavation for Structures Retaining Walls (structure) 0002. R-40-468	LUMP	LUMP			.
0100	206.3000 Excavation for Structures Retaining Walls (structure) 0003. R-40-516	LUMP	LUMP			.
0101	206.3000 Excavation for Structures Retaining Walls (structure) 0004. R-40-557	LUMP	LUMP			.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0102	206.3000 Excavation for Structures Retaining Walls (structure) 0005. R-40-630	LUMP	LUMP			.
0103	206.3000 Excavation for Structures Retaining Walls (structure) 0006. R-40-631	LUMP	LUMP			.
0104	206.3000 Excavation for Structures Retaining Walls (structure) 0007. R-40-655	LUMP	LUMP			.
0105	209.0100 Backfill Granular	10,157.000 CY		.		.
0106	209.0200.S Backfill Controlled Low Strength	8,743.000 CY		.		.
0107	210.0100 Backfill Structure **P**	21,152.000 CY		.		.
0108	305.0110 Base Aggregate Dense 3/4-Inch	903.000 TON		.		.
0109	305.0120 Base Aggregate Dense 1 1/4-Inch **P**	271,829.000 TON		.		.
0110	305.0135 Base Aggregate Dense 3-Inch	389.000 CY		.		.
0111	310.0115 Base Aggregate Open Graded	2,465.000 CY		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0112	312.0115 Select Crushed Material **P**	256,930.000 CY		.		.
0113	390.0103 Base Patching	1,800.000 SY		.		.
0114	415.0070 Concrete Pavement 7-Inch **P**	231.000 SY		.		.
0115	415.0080 Concrete Pavement 8-Inch **P**	7,430.000 SY		.		.
0116	415.0085 Concrete Pavement 8 1/2-Inch **P**	9,052.000 SY		.		.
0117	415.0090 Concrete Pavement 9-Inch **P**	67,747.000 SY		.		.
0118	415.0095 Concrete Pavement 9 1/2-Inch **P**	16,285.000 SY		.		.
0119	415.0210 Concrete Pavement Gaps	12.000 EACH		.		.
0120	415.0410 Concrete Pavement Approach Slab **P**	9,380.000 SY		.		.
0121	416.0270 Concrete Driveway HES 7-Inch	534.000 SY		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0122	416.0280 Concrete Driveway HES 8-Inch	48.000 SY	.		.	
0123	416.0610 Drilled Tie Bars	2,023.000 EACH	.		.	
0124	416.0620 Drilled Dowel Bars	2,343.000 EACH	.		.	
0125	440.4410.S Incentive IRI Ride	98,242.000 DOL	1.00000		98242.00	
0126	440.5020 Incentive IRI Ride Bridge	92,684.800 DOL	1.00000		92684.80	
0127	455.0105 Asphaltic Material PG58-28	136.000 TON	.		.	
0128	455.0120 Asphaltic Material PG64-28	1,151.000 TON	.		.	
0129	455.0140 Asphaltic Material PG64-28P	41.000 TON	.		.	
0130	455.0150 Asphaltic Material PG70-28P	676.000 TON	.		.	
0131	455.0605 Tack Coat	5,352.000 GAL	.		.	

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0132	460.1101 HMA Pavement Type E-1	145.000 TON		.		.
0133	460.1110 HMA Pavement Type E-10	2,260.000 TON		.		.
0134	460.1130 HMA Pavement Type E-30	24,461.000 TON		.		.
0135	460.1700 HMA Pavement Type SMA	695.000 TON		.		.
0136	460.2000 Incentive Density HMA Pavement	17,639.000 DOL	1.00000		17639.00	
0137	460.4000 HMA Cold Weather Paving	1,001.000 TON		.		.
0138	465.0105 Asphaltic Surface	2,521.000 TON		.		.
0139	465.0120 Asphaltic Surface Driveways and Field Entrances	8.000 TON		.		.
0140	465.0125 Asphaltic Surface Temporary	14,869.000 TON		.		.
0141	465.0310 Asphaltic Curb	646.000 LF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0142	502.0100 Concrete Masonry Bridges **P**	11,618.000 CY		.		.
0143	502.3100 Expansion Device (structure) 0001. B-40-861	LUMP	LUMP			.
0144	502.3100 Expansion Device (structure) 0002. B-40-869	LUMP	LUMP			.
0145	502.3100 Expansion Device (structure) 0003. B-40-870	LUMP	LUMP			.
0146	502.3200 Protective Surface Treatment **P**	95,242.000 SY		.		.
0147	502.5005 Masonry Anchors Type L No. 5 Bars	98.000 EACH		.		.
0148	502.5010 Masonry Anchors Type L No. 6 Bars	28.000 EACH		.		.
0149	502.6102 Masonry Anchors Type S 1/2-Inch	35.000 EACH		.		.
0150	503.0137 Prestressed Girder Type I 36W-Inch **P**	3,091.000 LF		.		.
0151	503.0146 Prestressed Girder Type I 45W-Inch **P**	3,778.000 LF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0152	503.0155 Prestressed Girder Type I 54W-Inch **P**	29,077.000 LF		.		.
0153	503.0172 Prestressed Girder Type I 72W-Inch **P**	1,313.000 LF		.		.
0154	504.0500 Concrete Masonry Retaining Walls **P**	11,126.000 CY		.		.
0155	505.0405 Bar Steel Reinforcement HS Bridges	310,651.000 LB		.		.
0156	505.0415 Bar Steel Reinforcement HS Retaining Walls	180,065.000 LB		.		.
0157	505.0605 Bar Steel Reinforcement HS Coated Bridges	4,730,556 LB		.		.
0158	505.0615 Bar Steel Reinforcement HS Coated Retaining Walls	1,211,960 LB		.		.
0159	505.0800.S Bar Steel Reinforcement HS Stainless Structures	4,029,390 LB		.		.
0160	505.0905 Bar Couplers No. 5	18.000 EACH		.		.
0161	505.0906 Bar Couplers No. 6	1,032.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0162	505.0909 Bar Couplers No. 9	44.000 EACH		.		.
0163	505.0910 Bar Couplers No. 10	52.000 EACH		.		.
0164	506.0605 Structural Steel HS **P**	20,031,692 LB		.		.
0165	506.2605 Bearing Pads Elastomeric Non-Laminated **P**	526.000 EACH		.		.
0166	506.2610 Bearing Pads Elastomeric Laminated **P**	116.000 EACH		.		.
0167	506.3010 Welded Stud Shear Connectors 7/8x5-Inch **P**	3,768.000 EACH		.		.
0168	506.3015 Welded Stud Shear Connectors 7/8x6-Inch **P**	75,088.000 EACH		.		.
0169	506.3020 Welded Stud Shear Connectors 7/8x7-Inch **P**	3,450.000 EACH		.		.
0170	506.3025 Welded Stud Shear Connectors 7/8x8-Inch **P**	30,186.000 EACH		.		.
0171	506.3030 Welded Stud Shear Connectors 7/8x9-Inch **P**	15,180.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0172	506.4000 Steel Diaphragms (structure) 0001. B-40-788 **P**	18.000 EACH		.		.
0173	506.4000 Steel Diaphragms (structure) 0002. B-40-790 **P**	44.000 EACH		.		.
0174	506.4000 Steel Diaphragms (structure) 0003. B-40-795 **P**	3.000 EACH		.		.
0175	506.4000 Steel Diaphragms (structure) 0004. B-40-796 **P**	8.000 EACH		.		.
0176	506.4000 Steel Diaphragms (structure) 0005. B-40-797 **P**	6.000 EACH		.		.
0177	506.4000 Steel Diaphragms (structure) 0006. B-40-850 **P**	21.000 EACH		.		.
0178	506.4000 Steel Diaphragms (structure) 0007. B-40-851 **P**	18.000 EACH		.		.
0179	506.4000 Steel Diaphragms (structure) 0008. B-40-858 **P**	26.000 EACH		.		.
0180	506.4000 Steel Diaphragms (structure) 0009. B-40-859 **P**	8.000 EACH		.		.
0181	506.4000 Steel Diaphragms (structure) 0010. B-40-860 **P**	6.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0182	506.4000 Steel Diaphragms (structure) 0011. B-40-867 **P**	36.000 EACH		.		.
0183	506.4000 Steel Diaphragms (structure) 0012. B-40-869 **P**	78.000 EACH		.		.
0184	506.4000 Steel Diaphragms (structure) 0013. B-40-870 **P**	84.000 EACH		.		.
0185	506.4000 Steel Diaphragms (structure) 0014. B-40-871 **P**	28.000 EACH		.		.
0186	506.4000 Steel Diaphragms (structure) 0015. B-40-872 **P**	26.000 EACH		.		.
0187	506.4000 Steel Diaphragms (structure) 0016. B-40-873 **P**	52.000 EACH		.		.
0188	506.4000 Steel Diaphragms (structure) 0017. B-40-874 **P**	52.000 EACH		.		.
0189	506.4000 Steel Diaphragms (structure) 0018. B-40-882 **P**	36.000 EACH		.		.
0190	506.4000 Steel Diaphragms (structure) 0019. B-40-883 **P**	32.000 EACH		.		.
0191	506.5000 Bearing Assemblies Fixed (structure) 0001. B-40-869	28.000 EACH		.		.

CONTRACT: 20150929001
PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81
FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0192	506.5000 Bearing Assemblies Fixed (structure) 0002. B-40-870	30.000 EACH		.		.
0193	506.6000 Bearing Assemblies Expansion (structure) 0001. B-40-787	27.000 EACH		.		.
0194	509.1000 Joint Repair	80.000 SY		.		.
0195	511.1200 Temporary Shoring (structure) 0004. B-40-869	565.000 SF		.		.
0196	511.1200 Temporary Shoring (structure) 0005. B-40-870	4,430.000 SF		.		.
0197	511.1200 Temporary Shoring (structure) 0007. R-40-532	1,991.000 SF		.		.
0198	511.1200 Temporary Shoring (structure) 0008. R-40-534	4,914.000 SF		.		.
0199	511.1200 Temporary Shoring (structure) 0009. R-40-540	450.000 SF		.		.
0200	511.1200 Temporary Shoring (structure) 0010. R-40-545	270.000 SF		.		.
0201	511.1200 Temporary Shoring (structure) 0014. B-40-872	250.000 SF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0202	511.1200 Temporary Shoring (structure) 0016. B-40-851	1,890.000 SF		.		.
0203	511.1200 Temporary Shoring (structure) 0017. B-40-873	200.000 SF		.		.
0204	511.1200 Temporary Shoring (structure) 0018. B-40-874	1,900.000 SF		.		.
0205	511.1200 Temporary Shoring (structure) 0019. R-40-630	1,825.000 SF		.		.
0206	511.1200 Temporary Shoring (structure) 0020. R-40-524	640.000 SF		.		.
0207	511.1200 Temporary Shoring (structure) 0021. R-40-467	1,425.000 SF		.		.
0208	511.1200 Temporary Shoring (structure) 0022. R-40-468	440.000 SF		.		.
0209	511.1200 Temporary Shoring (structure) 0023. R-40-522	1,340.000 SF		.		.
0210	511.1300 Temporary Shoring (location) 0001. 217NS+00 To 228NS+57	4,921.000 SF		.		.
0211	511.1300 Temporary Shoring (location) 0002. 275NS+26 To 275NS+51	330.000 SF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0212	511.1300 Temporary Shoring (location) 0003. 230NS+97 To 238NS+00	3,360.000 SF		.		.
0213	511.1300 Temporary Shoring (location) 0004. 93EW+60 To 99EW+20	1,357.000 SF		.		.
0214	511.1300 Temporary Shoring (location) 0005. 102EW+37 To 107EW+30	1,362.000 SF		.		.
0215	511.1300 Temporary Shoring (location) 0006. 110EW+20 To 111EW+25	175.000 SF		.		.
0216	511.1300 Temporary Shoring (location) 0007. 142EW+68 To 143EW+18	1,300.000 SF		.		.
0217	511.1300 Temporary Shoring (location) 0008. 203EW+84 To 204EW+03	540.000 SF		.		.
0218	511.1300 Temporary Shoring (location) 0009. 16EWP+00 To 16EWP+84	348.000 SF		.		.
0219	511.1300 Temporary Shoring (location) 0010. 169EW+85 To 180EW+35	5,593.000 SF		.		.
0220	511.1300 Temporary Shoring (location) 0011. 13ENA+96 To 14ENA+80	369.000 SF		.		.
0221	511.1300 Temporary Shoring (location) 0012. 15ENA+96 To 16ENA+61	330.000 SF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0222	511.1300 Temporary Shoring (location) 0013. 267NS+00 To 267NS+10	60.000 SF		.		.
0223	511.1300 Temporary Shoring (location) 0014. 269NS+54 To 269NS+64	80.000 SF		.		.
0224	511.1300 Temporary Shoring (location) 0015. 291NS+08 To 291NS+73	780.000 SF		.		.
0225	511.1300 Temporary Shoring (location) 0016. 104EW+94 To 105EW+09	105.000 SF		.		.
0226	511.1300 Temporary Shoring (location) 0017. 148EW+97 To 149EW+07	60.000 SF		.		.
0227	511.1300 Temporary Shoring (location) 0018. 797FC+00 To 798FC+25	1,875.000 SF		.		.
0228	511.2200 Temporary Shoring Left in Place (structure) 0001. R-40-525	1,130.000 SF		.		.
0229	512.0500 Piling Steel Sheet Permanent Delivered	1,600.000 SF		.		.
0230	512.0600 Piling Steel Sheet Permanent Driven	1,600.000 SF		.		.
0231	513.2000 Railing Pipe (structure) 0001. B-40-858	LUMP	LUMP			.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0232	513.2000 Railing Pipe (structure) 0002. R-40-467	LUMP	LUMP			.
0233	513.2000 Railing Pipe (structure) 0003. R-40-469	LUMP	LUMP			.
0234	513.2000 Railing Pipe (structure) 0004. R-40-498	LUMP	LUMP			.
0235	513.2000 Railing Pipe (structure) 0005. R-40-507	LUMP	LUMP			.
0236	513.2000 Railing Pipe (structure) 0006. R-40-509	LUMP	LUMP			.
0237	513.2000 Railing Pipe (structure) 0007. R-40-511	LUMP	LUMP			.
0238	513.2000 Railing Pipe (structure) 0008. R-40-516	LUMP	LUMP			.
0239	513.2000 Railing Pipe (structure) 0009. R-40-518	LUMP	LUMP			.
0240	513.2000 Railing Pipe (structure) 0010. R-40-522	LUMP	LUMP			.
0241	513.2000 Railing Pipe (structure) 0011. R-40-524	LUMP	LUMP			.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0242	513.2000 Railing Pipe (structure) 0012. R-40-525	LUMP	LUMP			.
0243	513.2000 Railing Pipe (structure) 0013. R-40-540	LUMP	LUMP			.
0244	513.2000 Railing Pipe (structure) 0014. R-40-545	LUMP	LUMP			.
0245	513.2000 Railing Pipe (structure) 0015. R-40-557	LUMP	LUMP			.
0246	513.2000 Railing Pipe (structure) 0016. R-40-558	LUMP	LUMP			.
0247	513.2000 Railing Pipe (structure) 0017. R-40-559	LUMP	LUMP			.
0248	513.2000 Railing Pipe (structure) 0018. B-40-797	LUMP	LUMP			.
0249	513.2000 Railing Pipe (structure) 0019. R-40-655	LUMP	LUMP			.
0250	514.0450 Floor Drains Type WF	5.000 EACH		.		.
0251	514.2608 Downspout 8-Inch **P**	2,441.000 LF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0252	516.0100 Dampproofing **P**	5,254.000 SY		.		.
0253	516.0500 Rubberized Membrane Waterproofing **P**	3,857.000 SY		.		.
0254	517.0600 Painting Epoxy System (structure) 0001. B-40-787	LUMP	LUMP			.
0255	517.0600 Painting Epoxy System (structure) 0002. B-40-861	LUMP	LUMP			.
0256	517.0600 Painting Epoxy System (structure) 0003. R-40-468	LUMP	LUMP			.
0257	517.0600 Painting Epoxy System (structure) 0004. R-40-516	LUMP	LUMP			.
0258	517.0600 Painting Epoxy System (structure) 0005. R-40-631	LUMP	LUMP			.
0259	517.0600 Painting Epoxy System (structure) 0006. R-40-655	LUMP	LUMP			.
0260	517.0650.S Painting Polysiloxane System (structure) 0001. B-40-786	LUMP	LUMP			.
0261	517.0650.S Painting Polysiloxane System (structure) 0002. B-40-853	LUMP	LUMP			.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0262	517.0650.S Painting Polysiloxane System (structure) 0003. B-40-854	LUMP	LUMP			.
0263	517.0650.S Painting Polysiloxane System (structure) 0004. B-40-856	LUMP	LUMP			.
0264	517.1010.S Concrete Staining (structure) 0001. B-40-786 **P**	34,908.000 SF		.		.
0265	517.1010.S Concrete Staining (structure) 0002. B-40-787 **P**	14,580.000 SF		.		.
0266	517.1010.S Concrete Staining (structure) 0003. B-40-788 **P**	510.000 SF		.		.
0267	517.1010.S Concrete Staining (structure) 0004. B-40-790 **P**	11,306.000 SF		.		.
0268	517.1010.S Concrete Staining (structure) 0005. B-40-795 **P**	2,780.000 SF		.		.
0269	517.1010.S Concrete Staining (structure) 0006. B-40-796 **P**	3,935.000 SF		.		.
0270	517.1010.S Concrete Staining (structure) 0007. B-40-797 **P**	3,190.000 SF		.		.
0271	517.1010.S Concrete Staining (structure) 0008. B-40-850 **P**	1,350.000 SF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0272	517.1010.S Concrete Staining (structure) 0009. B-40-851 **P**	14,657.000 SF		.		.
0273	517.1010.S Concrete Staining (structure) 0010. B-40-853 **P**	31,220.000 SF		.		.
0274	517.1010.S Concrete Staining (structure) 0011. B-40-854 **P**	77,980.000 SF		.		.
0275	517.1010.S Concrete Staining (structure) 0012. B-40-856 **P**	69,015.000 SF		.		.
0276	517.1010.S Concrete Staining (structure) 0013. B-40-858 **P**	1,070.000 SF		.		.
0277	517.1010.S Concrete Staining (structure) 0014. B-40-859 **P**	5,178.000 SF		.		.
0278	517.1010.S Concrete Staining (structure) 0015. B-40-860 **P**	4,286.000 SF		.		.
0279	517.1010.S Concrete Staining (structure) 0016. B-40-861 **P**	7,735.000 SF		.		.
0280	517.1010.S Concrete Staining (structure) 0017. B-40-867 **P**	9,876.000 SF		.		.
0281	517.1010.S Concrete Staining (structure) 0018. B-40-869 **P**	26,300.000 SF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0282	517.1010.S Concrete Staining (structure) 0019. B-40-870 **P**	28,300.000 SF		.		.
0283	517.1010.S Concrete Staining (structure) 0021. B-40-882 **P**	10,570.000 SF		.		.
0284	517.1010.S Concrete Staining (structure) 0022. B-40-883 **P**	10,205.000 SF		.		.
0285	517.1010.S Concrete Staining (structure) 0023. R-40-467 **P**	6,125.000 SF		.		.
0286	517.1010.S Concrete Staining (structure) 0024. R-40-468 **P**	9,370.000 SF		.		.
0287	517.1010.S Concrete Staining (structure) 0025. R-40-469 **P**	1,350.000 SF		.		.
0288	517.1010.S Concrete Staining (structure) 0026. R-40-470 **P**	6,295.000 SF		.		.
0289	517.1010.S Concrete Staining (structure) 0027. R-40-497 **P**	3,345.000 SF		.		.
0290	517.1010.S Concrete Staining (structure) 0028. R-40-498 **P**	13,640.000 SF		.		.
0291	517.1010.S Concrete Staining (structure) 0029. R-40-505 **P**	7,278.000 SF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0292	517.1010.S Concrete Staining (structure) 0030. R-40-507 **P**	7,616.000 SF		.		.
0293	517.1010.S Concrete Staining (structure) 0031. R-40-509 **P**	11,995.000 SF		.		.
0294	517.1010.S Concrete Staining (structure) 0033. R-40-511 **P**	2,105.000 SF		.		.
0295	517.1010.S Concrete Staining (structure) 0034. R-40-516 **P**	15,710.000 SF		.		.
0296	517.1010.S Concrete Staining (structure) 0035. R-40-518 **P**	5,840.000 SF		.		.
0297	517.1010.S Concrete Staining (structure) 0036. R-40-520 **P**	3,144.000 SF		.		.
0298	517.1010.S Concrete Staining (structure) 0037. R-40-522 **P**	3,600.000 SF		.		.
0299	517.1010.S Concrete Staining (structure) 0038. R-40-524 **P**	4,015.000 SF		.		.
0300	517.1010.S Concrete Staining (structure) 0039. R-40-525 **P**	6,520.000 SF		.		.
0301	517.1010.S Concrete Staining (structure) 0040. R-40-527 **P**	5,461.000 SF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0302	517.1010.S Concrete Staining (structure) 0041. R-40-529 **P**	3,374.000 SF		.		.
0303	517.1010.S Concrete Staining (structure) 0042. R-40-532 **P**	8,263.000 SF		.		.
0304	517.1010.S Concrete Staining (structure) 0043. R-40-534 **P**	839.000 SF		.		.
0305	517.1010.S Concrete Staining (structure) 0044. R-40-535 **P**	10,223.000 SF		.		.
0306	517.1010.S Concrete Staining (structure) 0045. R-40-540 **P**	16,790.000 SF		.		.
0307	517.1010.S Concrete Staining (structure) 0046. R-40-545 **P**	27,597.000 SF		.		.
0308	517.1010.S Concrete Staining (structure) 0047. R-40-547 **P**	7,961.000 SF		.		.
0309	517.1010.S Concrete Staining (structure) 0048. R-40-557 **P**	7,150.000 SF		.		.
0310	517.1010.S Concrete Staining (structure) 0049. R-40-558 **P**	2,463.000 SF		.		.
0311	517.1010.S Concrete Staining (structure) 0050. R-40-559 **P**	4,740.000 SF		.		.

CONTRACT: 20150929001
PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81
FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS		UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0312	517.1010.S Concrete Staining (structure) 0051. S-40-11 **P**	660.000	SF		.		.
0313	517.1010.S Concrete Staining (structure) 0052. S-40-13 **P**	488.000	SF		.		.
0314	517.1010.S Concrete Staining (structure) 0053. S-40-15 **P**	500.000	SF		.		.
0315	517.1010.S Concrete Staining (structure) 0054. S-40-26 **P**	453.000	SF		.		.
0316	517.1010.S Concrete Staining (structure) 0055. S-40-29 **P**	465.000	SF		.		.
0317	517.1010.S Concrete Staining (structure) 0056. S-40-30 **P**	574.000	SF		.		.
0318	517.1010.S Concrete Staining (structure) 0057. S-40-31 **P**	598.000	SF		.		.
0319	517.1010.S Concrete Staining (structure) 0058. S-40-35 **P**	465.000	SF		.		.
0320	517.1010.S Concrete Staining (structure) 0060. S-40-40 **P**	484.000	SF		.		.
0321	517.1010.S Concrete Staining (structure) 0062. S-40-42 **P**	429.000	SF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0322	517.1010.S Concrete Staining (structure) 0063. S-40-46 **P**	410.000 SF		.		.
0323	517.1010.S Concrete Staining (structure) 0064. S-40-52 **P**	465.000 SF		.		.
0324	517.1010.S Concrete Staining (structure) 0065. S-40-74 **P**	504.000 SF		.		.
0325	517.1010.S Concrete Staining (structure) 0067. S-40-82 **P**	84.000 SF		.		.
0326	517.1010.S Concrete Staining (structure) 0069. S-40-102 **P**	472.000 SF		.		.
0327	517.1010.S Concrete Staining (structure) 0072. S-40-111 **P**	594.000 SF		.		.
0328	517.1010.S Concrete Staining (structure) 0074. S-40-114 **P**	433.000 SF		.		.
0329	517.1010.S Concrete Staining (structure) 0075. S-40-115 **P**	437.000 SF		.		.
0330	517.1010.S Concrete Staining (structure) 0076. S-40-3 **P**	855.000 SF		.		.
0331	517.1010.S Concrete Staining (structure) 0077. S-40-8 **P**	964.000 SF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0332	517.1010.S Concrete Staining (structure) 0078. S-40-10 **P**	995.000 SF		.		.
0333	517.1010.S Concrete Staining (structure) 0079. S-40-19 **P**	957.000 SF		.		.
0334	517.1010.S Concrete Staining (structure) 0080. S-40-20 **P**	940.000 SF		.		.
0335	517.1010.S Concrete Staining (structure) 0081. S-40-23 **P**	851.000 SF		.		.
0336	517.1010.S Concrete Staining (structure) 0082. S-40-33 **P**	944.000 SF		.		.
0337	517.1010.S Concrete Staining (structure) 0083. S-40-34 **P**	944.000 SF		.		.
0338	517.1010.S Concrete Staining (structure) 0084. S-40-45 **P**	614.000 SF		.		.
0339	517.1010.S Concrete Staining (structure) 0085. S-40-53 **P**	969.000 SF		.		.
0340	517.1010.S Concrete Staining (structure) 0086. S-40-55 **P**	952.000 SF		.		.
0341	517.1010.S Concrete Staining (structure) 0087. S-40-80 **P**	1,054.000 SF		.		.

CONTRACT: 20150929001
PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81
FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0342	517.1010.S Concrete Staining (structure) 0088. S-40-81 **P**	576.000 SF		.		.
0343	517.1010.S Concrete Staining (structure) 0089. S-40-84 **P**	1,041.000 SF		.		.
0344	517.1010.S Concrete Staining (structure) 0090. S-40-86 **P**	1,003.000 SF		.		.
0345	517.1010.S Concrete Staining (structure) 0091. S-40-91 **P**	1,012.000 SF		.		.
0346	517.1010.S Concrete Staining (structure) 0092. S-40-93 **P**	944.000 SF		.		.
0347	517.1010.S Concrete Staining (structure) 0094. S-40-97 **P**	1,210.000 SF		.		.
0348	517.1010.S Concrete Staining (structure) 0095. S-40-98 **P**	952.000 SF		.		.
0349	517.1010.S Concrete Staining (structure) 0096. S-40-103 **P**	1,003.000 SF		.		.
0350	517.1010.S Concrete Staining (structure) 0097. S-40-105 **P**	957.000 SF		.		.
0351	517.1010.S Concrete Staining (structure) 0098. S-40-112 **P**	1,282.000 SF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0352	517.1010.S Concrete Staining (structure) 0099. S-40-138 **P**	817.000 SF		.		.
0353	517.1010.S Concrete Staining (structure) 0103. B-40-871 **P**	4,806.000 SF		.		.
0354	517.1010.S Concrete Staining (structure) 0104. B-40-872 **P**	4,709.000 SF		.		.
0355	517.1010.S Concrete Staining (structure) 0105. B-40-873 **P**	11,870.000 SF		.		.
0356	517.1010.S Concrete Staining (structure) 0106. B-40-874 **P**	12,860.000 SF		.		.
0357	517.1010.S Concrete Staining (structure) 0107. R-40-495 **P**	9,865.000 SF		.		.
0358	517.1010.S Concrete Staining (structure) 0109. R-40-631 **P**	1,690.000 SF		.		.
0359	517.1010.S Concrete Staining (structure) 0110. R-40-655 **P**	1,205.000 SF		.		.
0360	517.1010.S Concrete Staining (structure) 0111. S-40-782 **P**	286.000 SF		.		.
0361	517.1010.S Concrete Staining (structure) 0112. S-40-787 **P**	290.000 SF		.		.

CONTRACT: 20150929001
PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81
FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0362	517.1010.S Concrete Staining (structure) 0113. S-67-47 **P**	961.000 SF		.		.
0363	517.1015.S Concrete Staining Multi-Color (structure) 0001. B-40-870	615.000 SF		.		.
0364	517.1015.S Concrete Staining Multi-Color (structure) 0002. R-40-525	13,015.000 SF		.		.
0365	517.1015.S Concrete Staining Multi-Color (structure) 0003. R-40-529	295.000 SF		.		.
0366	517.1015.S Concrete Staining Multi-Color (structure) 0004. R-40-532	12,338.000 SF		.		.
0367	517.1015.S Concrete Staining Multi-Color (structure) 0005. R-40-534	4,103.000 SF		.		.
0368	517.1015.S Concrete Staining Multi-Color (structure) 0006. R-40-540	59,111.000 SF		.		.
0369	517.1015.S Concrete Staining Multi-Color (structure) 0007. Minor Retaining Wall R-2	885.000 SF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0370	517.1015.S Concrete Staining Multi-Color (structure) 0008. R-40-524	6,195.000 SF		.		.
0371	517.1050.S Architectural Surface Treatment (structure) 0001. R-40-467 **P**	5,635.000 SF		.		.
0372	517.1050.S Architectural Surface Treatment (structure) 0002. R-40-468 **P**	3,400.000 SF		.		.
0373	517.1050.S Architectural Surface Treatment (structure) 0003. R-40-469 **P**	1,240.000 SF		.		.
0374	517.1050.S Architectural Surface Treatment (structure) 0004. R-40-470 **P**	1,525.000 SF		.		.
0375	517.1050.S Architectural Surface Treatment (structure) 0005. R-40-497 **P**	2,440.000 SF		.		.
0376	517.1050.S Architectural Surface Treatment (structure) 0006. R-40-498 **P**	10,160.000 SF		.		.
0377	517.1050.S Architectural Surface Treatment (structure) 0007. R-40-505 **P**	6,004.000 SF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0378	517.1050.S Architectural Surface Treatment (structure) 0008. R-40-507 **P**	7,520.000 SF		.		.
0379	517.1050.S Architectural Surface Treatment (structure) 0009. R-40-509 **P**	9,785.000 SF		.		.
0380	517.1050.S Architectural Surface Treatment (structure) 0011. R-40-511 **P**	1,900.000 SF		.		.
0381	517.1050.S Architectural Surface Treatment (structure) 0012. R-40-516 **P**	13,950.000 SF		.		.
0382	517.1050.S Architectural Surface Treatment (structure) 0013. R-40-518 **P**	6,030.000 SF		.		.
0383	517.1050.S Architectural Surface Treatment (structure) 0014. R-40-520 **P**	2,504.000 SF		.		.
0384	517.1050.S Architectural Surface Treatment (structure) 0015. R-40-522 **P**	2,845.000 SF		.		.
0385	517.1050.S Architectural Surface Treatment (structure) 0016. R-40-524 **P**	8,015.000 SF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0386	517.1050.S Architectural Surface Treatment (structure) 0017. R-40-525 **P**	7,215.000 SF		.		.
0387	517.1050.S Architectural Surface Treatment (structure) 0018. R-40-527 **P**	2,887.000 SF		.		.
0388	517.1050.S Architectural Surface Treatment (structure) 0019. R-40-529 **P**	296.000 SF		.		.
0389	517.1050.S Architectural Surface Treatment (structure) 0020. R-40-532 **P**	14,226.000 SF		.		.
0390	517.1050.S Architectural Surface Treatment (structure) 0021. R-40-534 **P**	4,260.000 SF		.		.
0391	517.1050.S Architectural Surface Treatment (structure) 0022. R-40-535 **P**	7,830.000 SF		.		.
0392	517.1050.S Architectural Surface Treatment (structure) 0023. R-40-540 **P**	66,657.000 SF		.		.
0393	517.1050.S Architectural Surface Treatment (structure) 0024. R-40-545 **P**	21,460.000 SF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0394	517.1050.S Architectural Surface Treatment (structure) 0025. R-40-547 **P**	4,523.000 SF		.		.
0395	517.1050.S Architectural Surface Treatment (structure) 0026. R-40-558 **P**	2,557.000 SF		.		.
0396	517.1050.S Architectural Surface Treatment (structure) 0027. R-40-559 **P**	3,725.000 SF		.		.
0397	517.1050.S Architectural Surface Treatment (structure) 0028. B-40-850 **P**	390.000 SF		.		.
0398	517.1050.S Architectural Surface Treatment (structure) 0029. B-40-858 **P**	930.000 SF		.		.
0399	517.1050.S Architectural Surface Treatment (structure) 0030. B-40-870 **P**	601.000 SF		.		.
0400	517.1050.S Architectural Surface Treatment (structure) 0031. R-40-495 **P**	7,275.000 SF		.		.
0401	517.1050.S Architectural Surface Treatment (structure) 0032. R-40-631 **P**	1,485.000 SF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0402	517.1050.S Architectural Surface Treatment (structure) 0033. R-40-655 **P**	1,040.000 SF		.		.
0403	517.1050.S Architectural Surface Treatment (structure) 0034. R-40-557 **P**	7,150.000 SF		.		.
0404	517.1050.S Architectural Surface Treatment (structure) 0035. Minor Retaining Wall R-2 **P**	745.000 SF		.		.
0405	520.8000 Concrete Collars for Pipe	123.000 EACH		.		.
0406	522.1012 Apron Endwalls for Culvert Pipe Reinforced Concrete 12-Inch	1.000 EACH		.		.
0407	522.1015 Apron Endwalls for Culvert Pipe Reinforced Concrete 15-Inch	1.000 EACH		.		.
0408	522.1018 Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	6.000 EACH		.		.
0409	522.1024 Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	10.000 EACH		.		.

CONTRACT: 20150929001
PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81
FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0410	522.1054 Apron Endwalls for Culvert Pipe Reinforced Concrete 54-Inch	1.000 EACH		.		.
0411	522.1060 Apron Endwalls for Culvert Pipe Reinforced Concrete 60-Inch	1.000 EACH		.		.
0412	531.0300.S Noise Barriers Double-Sided Sound Absorptive (structure) 0001. N-40-61 **P**	21,610.000 SF		.		.
0413	531.0300.S Noise Barriers Double-Sided Sound Absorptive (structure) 0002. N-40-62 **P**	6,900.000 SF		.		.
0414	531.0300.S Noise Barriers Double-Sided Sound Absorptive (structure) 0003. N-40-63 **P**	24,250.000 SF		.		.
0415	531.0300.S Noise Barriers Double-Sided Sound Absorptive (structure) 0004. N-40-64 **P**	37,450.000 SF		.		.
0416	531.0300.S Noise Barriers Double-Sided Sound Absorptive (structure) 0006. N-40-66 **P**	41,240.000 SF		.		.

CONTRACT: 20150929001
PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81
FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0417	531.0300.S Noise Barriers Double-Sided Sound Absorptive (structure) 0007. N-40-67 **P**	19,750.000 SF		.		.
0418	531.0300.S Noise Barriers Double-Sided Sound Absorptive (structure) 0008. N-40-76 **P**	10,480.000 SF		.		.
0419	531.0300.S Noise Barriers Double-Sided Sound Absorptive (structure) 0009. N-40-77 **P**	2,170.000 SF		.		.
0420	531.0300.S Noise Barriers Double-Sided Sound Absorptive (structure) 0010. N-40-78 **P**	15,150.000 SF		.		.
0421	531.0300.S Noise Barriers Double-Sided Sound Absorptive (structure) 0011. N-40-79 **P**	18,170.000 SF		.		.
0422	550.0010 Pre-Boring Unconsolidated Materials	3,027.000 LF		.		.
0423	550.0020 Pre-Boring Rock or Consolidated Materials	120.000 LF		.		.
0424	550.0500 Pile Points	560.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0425	550.1100 Piling Steel HP 10-Inch X 42 Lb	2,200.000 LF		.		.
0426	550.1120 Piling Steel HP 12-Inch X 53 Lb	5,710.000 LF		.		.
0427	550.1140 Piling Steel HP 14-Inch X 73 Lb	29,715.000 LF		.		.
0428	550.2146 Piling CIP Concrete 14 X 0.375-Inch	8,228.000 LF		.		.
0429	550.2166 Piling CIP Concrete 16 X 0.375-Inch	4,770.000 LF		.		.
0430	550.2168 Piling CIP Concrete 16 X 0.50-Inch	16,920.000 LF		.		.
0431	601.0331 Concrete Curb & Gutter 31-Inch **P**	12,328.000 LF		.		.
0432	601.0551 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type A **P**	4,951.000 LF		.		.
0433	601.0553 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type D **P**	454.000 LF		.		.
0434	601.0555 Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type A **P**	113.000 LF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0435	601.0557 Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D	90.000 LF		.		.
0436	601.0600 Concrete Curb Pedestrian	754.000 LF		.		.
0437	602.0410 Concrete Sidewalk 5-Inch **P**	46,212.000 SF		.		.
0438	602.0515 Curb Ramp Detectable Warning Field Natural Patina	392.000 SF		.		.
0439	602.1500 Concrete Steps	8.000 SF		.		.
0440	603.1132 Concrete Barrier Type S32 **P**	4,038.000 LF		.		.
0441	603.1142 Concrete Barrier Type S42 **P**	105,699.000 LF		.		.
0442	603.1156 Concrete Barrier Type S56 **P**	210.000 LF		.		.
0443	603.1242 Concrete Barrier Type S42A **P**	377.000 LF		.		.
0444	603.1256 Concrete Barrier Type S56A **P**	714.000 LF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0445	603.1332 Concrete Barrier Type S32B **P**	30.000 LF		.		.
0446	603.1342 Concrete Barrier Type S42B **P**	303.000 LF		.		.
0447	603.1442 Concrete Barrier Type S42C **P**	6,371.000 LF		.		.
0448	603.1456 Concrete Barrier Type S56C **P**	1,553.000 LF		.		.
0449	603.3113 Concrete Barrier Transition Type NJ32SF to S36	3.000 EACH		.		.
0450	603.3213 Concrete Barrier Transition Type F32SF to S36	6.000 EACH		.		.
0451	603.3513 Concrete Barrier Transition Type S32 to S36	6.000 EACH		.		.
0452	603.3535 Concrete Barrier Transition Type S36 to S42	15.000 EACH		.		.
0453	603.3559 Concrete Barrier Transition Type S42 to S56	18.000 EACH		.		.
0454	603.8000 Concrete Barrier Temporary Precast Delivered	94,147.000 LF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0455	603.8125 Concrete Barrier Temporary Precast Installed	181,047.000 LF		.		.
0456	604.0400 Slope Paving Concrete	1,540.000 SY		.		.
0457	606.0200 Riprap Medium	531.000 CY		.		.
0458	606.0300 Riprap Heavy	640.000 CY		.		.
0459	606.0400 Riprap Extra-Heavy	136.000 CY		.		.
0460	608.0312 Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	1,561.000 LF		.		.
0461	608.0315 Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	591.000 LF		.		.
0462	608.0318 Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	3,109.000 LF		.		.
0463	608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	39,419.000 LF		.		.
0464	608.0330 Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	2,202.000 LF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0465	608.0336 Storm Sewer Pipe Reinforced Concrete Class III 36-Inch	3,380.000 LF		.		.
0466	608.0342 Storm Sewer Pipe Reinforced Concrete Class III 42-Inch	548.000 LF		.		.
0467	608.0348 Storm Sewer Pipe Reinforced Concrete Class III 48-Inch	1,139.000 LF		.		.
0468	608.0354 Storm Sewer Pipe Reinforced Concrete Class III 54-Inch	1,025.000 LF		.		.
0469	608.0360 Storm Sewer Pipe Reinforced Concrete Class III 60-Inch	53.000 LF		.		.
0470	608.0366 Storm Sewer Pipe Reinforced Concrete Class III 66-Inch	279.000 LF		.		.
0471	608.0412 Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	30.000 LF		.		.
0472	608.0418 Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	592.000 LF		.		.
0473	608.0424 Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	1,957.000 LF		.		.
0474	608.0430 Storm Sewer Pipe Reinforced Concrete Class IV 30-Inch	235.000 LF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0475	608.0436 Storm Sewer Pipe Reinforced Concrete Class IV 36-Inch	487.000 LF		.		.
0476	608.0448 Storm Sewer Pipe Reinforced Concrete Class IV 48-Inch	83.000 LF		.		.
0477	608.0454 Storm Sewer Pipe Reinforced Concrete Class IV 54-Inch	712.000 LF		.		.
0478	608.0466 Storm Sewer Pipe Reinforced Concrete Class IV 66-Inch	375.000 LF		.		.
0479	608.0518 Storm Sewer Pipe Reinforced Concrete Class V 18-Inch	313.000 LF		.		.
0480	608.0524 Storm Sewer Pipe Reinforced Concrete Class V 24-Inch	704.000 LF		.		.
0481	608.0536 Storm Sewer Pipe Reinforced Concrete Class V 36-Inch	269.000 LF		.		.
0482	608.0566 Storm Sewer Pipe Reinforced Concrete Class V 66-Inch	199.000 LF		.		.
0483	611.0420 Reconstructing Manholes	6.000 EACH		.		.
0484	611.0430 Reconstructing Inlets	20.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0485	611.0535 Manhole Covers Type J-Special	86.000 EACH		.		.
0486	611.0624 Inlet Covers Type H	43.000 EACH		.		.
0487	611.0627 Inlet Covers Type HM	44.000 EACH		.		.
0488	611.0642 Inlet Covers Type MS	138.000 EACH		.		.
0489	611.0654 Inlet Covers Type V	488.000 EACH		.		.
0490	611.0663 Inlet Covers Type X	26.000 EACH		.		.
0491	611.2003 Manholes 3-FT Diameter	5.000 EACH		.		.
0492	611.2004 Manholes 4-FT Diameter	31.000 EACH		.		.
0493	611.2005 Manholes 5-FT Diameter	232.000 EACH		.		.
0494	611.2006 Manholes 6-FT Diameter	52.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0495	611.2007 Manholes 7-FT Diameter	22.000 EACH		.		.
0496	611.2008 Manholes 8-FT Diameter	10.000 EACH		.		.
0497	611.3003 Inlets 3-FT Diameter	22.000 EACH		.		.
0498	611.3004 Inlets 4-FT Diameter	386.000 EACH		.		.
0499	611.3225 Inlets 2x2.5-FT	40.000 EACH		.		.
0500	611.3230 Inlets 2x3-FT	4.000 EACH		.		.
0501	611.3901 Inlets Median 1 Grate	44.000 EACH		.		.
0502	611.3902 Inlets Median 2 Grate	47.000 EACH		.		.
0503	611.8110 Adjusting Manhole Covers	6.000 EACH		.		.
0504	611.8115 Adjusting Inlet Covers	16.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0505	611.8120.S Cover Plates Temporary	39.000 EACH		.		.
0506	611.9800.S Pipe Grates	11.000 EACH		.		.
0507	612.0106 Pipe Underdrain 6-Inch	120.000 LF		.		.
0508	612.0206 Pipe Underdrain Unperforated 6-Inch	2,193.000 LF		.		.
0509	612.0406 Pipe Underdrain Wrapped 6-Inch	22,868.000 LF		.		.
0510	612.0806 Apron Endwalls for Underdrain Reinforced Concrete 6-Inch	5.000 EACH		.		.
0511	614.0800 Crash Cushions Permanent	1.000 EACH		.		.
0512	614.0805 Crash Cushions Permanent Low Maintenance	16.000 EACH		.		.
0513	614.0905 Crash Cushions Temporary	103.000 EACH		.		.
0514	614.0950 Replacing Guardrail Posts and Blocks	30.000 EACH		.		.

CONTRACT: 20150929001
PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81
FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0515	614.0951 Replacing Guardrail Rail and Hardware	500.000 LF		.		.
0516	614.2300 MGS Guardrail 3	443.000 LF		.		.
0517	614.2500 MGS Thrie Beam Transition	352.000 LF		.		.
0518	614.2610 MGS Guardrail Terminal EAT	10.000 EACH		.		.
0519	614.2620 MGS Guardrail Terminal Type 2	2.000 EACH		.		.
0520	616.0206 Fence Chain Link 6-FT	20,769.000 LF		.		.
0521	616.0208 Fence Chain Link 8-FT	1,640.000 LF		.		.
0522	616.0329 Gates Chain Link (width) 0001. 12-Ft	21.000 EACH		.		.
0523	616.0329 Gates Chain Link (width) 0002. 30-Ft	5.000 EACH		.		.
0524	616.0329 Gates Chain Link (width) 0003. 15-Ft	3.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0525	616.0700.S Fence Safety	5,000.000 LF		.		.
0526	619.1000 Mobilization	1.000 EACH		.		.
0527	620.0100 Concrete Corrugated Median	167.000 SF		.		.
0528	620.0300 Concrete Median Sloped Nose **P**	860.000 SF		.		.
0529	623.0200 Dust Control Surface Treatment	703,860.000 SY		.		.
0530	624.0100 Water	4,850.000 MGAL		.		.
0531	625.0100 Topsoil **P**	2,560.000 SY		.		.
0532	628.1104 Erosion Bales	2,326.000 EACH		.		.
0533	628.1504 Silt Fence	36,372.000 LF		.		.
0534	628.1520 Silt Fence Maintenance	36,372.000 LF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0535	628.1905 Mobilizations Erosion Control	63.000 EACH		.		.
0536	628.1910 Mobilizations Emergency Erosion Control	33.000 EACH		.		.
0537	628.2004 Erosion Mat Class I Type B	444,336.000 SY		.		.
0538	628.2023 Erosion Mat Class II Type B	67,610.000 SY		.		.
0539	628.2027 Erosion Mat Class II Type C	9,258.000 SY		.		.
0540	628.6505 Soil Stabilizer Type A	1.000 ACRE		.		.
0541	628.6510 Soil Stabilizer Type B	18.700 ACRE		.		.
0542	628.7005 Inlet Protection Type A	2,202.000 EACH		.		.
0543	628.7010 Inlet Protection Type B	506.000 EACH		.		.
0544	628.7015 Inlet Protection Type C	472.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0545	628.7020 Inlet Protection Type D	2,176.000 EACH		.		.
0546	628.7504 Temporary Ditch Checks	7,433.000 LF		.		.
0547	628.7560 Tracking Pads	96.000 EACH		.		.
0548	628.7570 Rock Bags	788.000 EACH		.		.
0549	629.0205 Fertilizer Type A	15.500 CWT		.		.
0550	629.0210 Fertilizer Type B	244.200 CWT		.		.
0551	630.0130 Seeding Mixture No. 30	4,790.000 LB		.		.
0552	630.0180 Seeding Mixture No. 80	194.000 LB		.		.
0553	630.0200 Seeding Temporary	5,492.000 LB		.		.
0554	631.0300 Sod Water	191.600 MGAL		.		.
0555	631.1000 Sod Lawn	8,523.000 SY		.		.

CONTRACT: 20150929001
PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81
FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0556	632.0101 Trees (species) (size) (root) 0001. Catalpa, Northern B&B 2 Inch Cal	2.000 EACH		.		.
0557	632.0101 Trees (species) (size) (root) 0003. Coffeetree, Kentucky B&B 2 Inch Ca	5.000 EACH		.		.
0558	632.0101 Trees (species) (size) (root) 0005. Hackberry, Common B&B 2 Inch Cal	8.000 EACH		.		.
0559	632.0101 Trees (species) (size) (root) 0007. Honeylocust, Skyline B&B 2 Inch Ca	6.000 EACH		.		.
0560	632.0101 Trees (species) (size) (root) 0009. Oak, Swamp White B&B 2 Inch Cal	7.000 EACH		.		.
0561	632.0101 Trees (species) (size) (root) 0011. Basswood, American B&B 2 Inch Cal	7.000 EACH		.		.
0562	632.0101 Trees (species) (size) (root) 0013. Elm, Jefferson B&B 2 Inch Cal	9.000 EACH		.		.
0563	632.0101 Trees (species) (size) (root) 0015. Crabapple, Prairifire B&B 2 Inch Cal	3.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0564	632.0101 Trees (species) (size) (root) 0017. Crabapple, Robinson B&B 2 Inch Cal	6.000 EACH		.		.
0565	632.0101 Trees (species) (size) (root) 0019. Redbud, Forest Pansy B&B 2 Inch Ca	3.000 EACH		.		.
0566	632.0101 Trees (species) (size) (root) 0021. Yellowwood, Perkins Pink B&B 2 Inch Cal	2.000 EACH		.		.
0567	632.0101 Trees (species) (size) (root) 0023. Juniper, Mountbatten B&B 5' Ht	12.000 EACH		.		.
0568	632.0201 Shrubs (species) (size) (root) 0025. Sumac, Gro Low B&B #3 Cont	16.000 EACH		.		.
0569	632.9101 Landscape Planting Surveillance and Care Cycles	24.000 EACH		.		.
0570	633.0500 Delineator Reflectors	820.000 EACH		.		.
0571	633.1000 Delineator Brackets	820.000 EACH		.		.
0572	633.5200 Markers Culvert End	19.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0573	634.0618 Posts Wood 4x6-Inch X 18-FT	117.000 EACH		.		.
0574	634.0620 Posts Wood 4x6-Inch X 20-FT	1.000 EACH		.		.
0575	634.0622 Posts Wood 4x6-Inch X 22-FT	82.000 EACH		.		.
0576	634.0816 Posts Tubular Steel 2x2-Inch X 16-FT	124.000 EACH		.		.
0577	634.0885 Posts Tubular Steel 2x2-Inch X 8.5-FT	69.000 EACH		.		.
0578	635.0200 Sign Supports Structural Steel HS	30,600.000 LB		.		.
0579	635.0300 Sign Supports Replacing Base Connection Bolts	4.000 EACH		.		.
0580	636.0100 Sign Supports Concrete Masonry **P**	2,070.200 CY		.		.
0581	636.0500 Sign Supports Steel Reinforcement	2,996.000 LB		.		.
0582	636.1000 Sign Supports Steel Reinforcement HS	177,905.000 LB		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0583	636.1500 Sign Supports Steel Coated Reinforcement HS	302,770.000 LB		.		.
0584	637.1210 Signs Type I Reflective H	155.500 SF		.		.
0585	637.1220 Signs Type I Reflective SH	25,125.500 SF		.		.
0586	637.1230 Signs Type I Reflective F	90.000 SF		.		.
0587	637.2210 Signs Type II Reflective H	4,851.700 SF		.		.
0588	637.2215 Signs Type II Reflective H Folding	35.640 SF		.		.
0589	637.2230 Signs Type II Reflective F	2,612.750 SF		.		.
0590	638.2101 Moving Signs Type I	81.000 EACH		.		.
0591	638.2102 Moving Signs Type II	105.000 EACH		.		.
0592	638.2601 Removing Signs Type I	60.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0593	638.2602 Removing Signs Type II	231.000 EACH		.		.
0594	638.3000 Removing Small Sign Supports	240.000 EACH		.		.
0595	638.3100 Removing Structural Steel Sign Supports	62.000 EACH		.		.
0596	641.0100 Sign Bridge Single Pole Sign Support One Sign (structure) 0001. S-40-782	LUMP	LUMP			.
0597	641.0100 Sign Bridge Single Pole Sign Support One Sign (structure) 0002. S-40-787	LUMP	LUMP			.
0598	641.1200 Sign Bridge Cantilevered (structure) 0001. S-40-11	LUMP	LUMP			.
0599	641.1200 Sign Bridge Cantilevered (structure) 0003. S-40-15	LUMP	LUMP			.
0600	641.1200 Sign Bridge Cantilevered (structure) 0004. S-40-26	LUMP	LUMP			.
0601	641.1200 Sign Bridge Cantilevered (structure) 0005. S-40-29	LUMP	LUMP			.
0602	641.1200 Sign Bridge Cantilevered (structure) 0006. S-40-30	LUMP	LUMP			.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0603	641.1200 Sign Bridge Cantilevered (structure) 0007. S-40-31	LUMP	LUMP			.
0604	641.1200 Sign Bridge Cantilevered (structure) 0008. S-40-35	LUMP	LUMP			.
0605	641.1200 Sign Bridge Cantilevered (structure) 0009. S-40-39	LUMP	LUMP			.
0606	641.1200 Sign Bridge Cantilevered (structure) 0010. S-40-40	LUMP	LUMP			.
0607	641.1200 Sign Bridge Cantilevered (structure) 0011. S-40-41	LUMP	LUMP			.
0608	641.1200 Sign Bridge Cantilevered (structure) 0012. S-40-42	LUMP	LUMP			.
0609	641.1200 Sign Bridge Cantilevered (structure) 0013. S-40-46	LUMP	LUMP			.
0610	641.1200 Sign Bridge Cantilevered (structure) 0014. S-40-52	LUMP	LUMP			.
0611	641.1200 Sign Bridge Cantilevered (structure) 0015. S-40-74	LUMP	LUMP			.
0612	641.1200 Sign Bridge Cantilevered (structure) 0016. S-40-82	LUMP	LUMP			.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0613	641.1200 Sign Bridge Cantilevered (structure) 0017. S-40-102	LUMP	LUMP			.
0614	641.1200 Sign Bridge Cantilevered (structure) 0018. S-40-106	LUMP	LUMP			.
0615	641.1200 Sign Bridge Cantilevered (structure) 0019. S-40-110	LUMP	LUMP			.
0616	641.1200 Sign Bridge Cantilevered (structure) 0020. S-40-111	LUMP	LUMP			.
0617	641.1200 Sign Bridge Cantilevered (structure) 0021. S-40-113	LUMP	LUMP			.
0618	641.1200 Sign Bridge Cantilevered (structure) 0022. S-40-114	LUMP	LUMP			.
0619	641.1200 Sign Bridge Cantilevered (structure) 0023. S-40-115	LUMP	LUMP			.
0620	641.1200 Sign Bridge Cantilevered (structure) 0024. S-40-152	LUMP	LUMP			.
0621	641.1200 Sign Bridge Cantilevered (structure) 0031. S-40-861	LUMP	LUMP			.
0622	641.1200 Sign Bridge Cantilevered (structure) 0032. S-40-862	LUMP	LUMP			.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0623	641.6600 Sign Bridge (structure) 0001. S-40-10	LUMP	LUMP			.
0624	641.6600 Sign Bridge (structure) 0002. S-40-19	LUMP	LUMP			.
0625	641.6600 Sign Bridge (structure) 0003. S-40-20	LUMP	LUMP			.
0626	641.6600 Sign Bridge (structure) 0004. S-40-23	LUMP	LUMP			.
0627	641.6600 Sign Bridge (structure) 0005. S-40-33	LUMP	LUMP			.
0628	641.6600 Sign Bridge (structure) 0006. S-40-34	LUMP	LUMP			.
0629	641.6600 Sign Bridge (structure) 0007. S-40-45	LUMP	LUMP			.
0630	641.6600 Sign Bridge (structure) 0008. S-40-53	LUMP	LUMP			.
0631	641.6600 Sign Bridge (structure) 0009. S-40-55	LUMP	LUMP			.
0632	641.6600 Sign Bridge (structure) 0010. S-40-80	LUMP	LUMP			.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0633	641.6600 Sign Bridge (structure) 0011. S-40-81	LUMP	LUMP			.
0634	641.6600 Sign Bridge (structure) 0012. S-40-84	LUMP	LUMP			.
0635	641.6600 Sign Bridge (structure) 0013. S-40-86	LUMP	LUMP			.
0636	641.6600 Sign Bridge (structure) 0014. S-40-91	LUMP	LUMP			.
0637	641.6600 Sign Bridge (structure) 0015. S-40-93	LUMP	LUMP			.
0638	641.6600 Sign Bridge (structure) 0016. S-40-96	LUMP	LUMP			.
0639	641.6600 Sign Bridge (structure) 0017. S-40-97	LUMP	LUMP			.
0640	641.6600 Sign Bridge (structure) 0018. S-40-98	LUMP	LUMP			.
0641	641.6600 Sign Bridge (structure) 0019. S-40-103	LUMP	LUMP			.
0642	641.6600 Sign Bridge (structure) 0020. S-40-105	LUMP	LUMP			.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0643	641.6600 Sign Bridge (structure) 0021. S-40-112	LUMP	LUMP			.
0644	641.6600 Sign Bridge (structure) 0023. S-67-47	LUMP	LUMP			.
0645	641.6600 Sign Bridge (structure) 0024. S-40-3	LUMP	LUMP			.
0646	641.6600 Sign Bridge (structure) 0025. S-40-8	LUMP	LUMP			.
0647	641.6600 Sign Bridge (structure) 0026. S-40-13	LUMP	LUMP			.
0648	641.8100 Overhead Sign Support (structure) 0001. S-40-955	LUMP	LUMP			.
0649	641.8100 Overhead Sign Support (structure) 0002. S-40-957	LUMP	LUMP			.
0650	641.8100 Overhead Sign Support (structure) 0003. S-40-965	LUMP	LUMP			.
0651	641.8100 Overhead Sign Support (structure) 0004. S-40-973	LUMP	LUMP			.
0652	641.8100 Overhead Sign Support (structure) 0005. S-40-975	LUMP	LUMP			.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0653	641.8100 Overhead Sign Support (structure) 0006. S-40-138	LUMP	LUMP			.
0654	643.0200 Traffic Control Surveillance and Maintenance (project) 0001. 1060-33-81	1,033.000 DAY		.		.
0655	643.0200 Traffic Control Surveillance and Maintenance (project) 0002. 1060-34-82	86.000 DAY		.		.
0656	643.0300 Traffic Control Drums	1,274,799 DAY		.		.
0657	643.0410 Traffic Control Barricades Type II	6,024.000 DAY		.		.
0658	643.0420 Traffic Control Barricades Type III	123,585.000 DAY		.		.
0659	643.0500 Traffic Control Flexible Tubular Marker Posts	148.000 EACH		.		.
0660	643.0600 Traffic Control Flexible Tubular Marker Bases	148.000 EACH		.		.
0661	643.0705 Traffic Control Warning Lights Type A	247,227.000 DAY		.		.
0662	643.0715 Traffic Control Warning Lights Type C	167,820.000 DAY		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0663	643.0800 Traffic Control Arrow Boards	8,926.000 DAY		.		.
0664	643.0900 Traffic Control Signs	565,771.000 DAY		.		.
0665	643.0910 Traffic Control Covering Signs Type I	124.000 EACH		.		.
0666	643.0920 Traffic Control Covering Signs Type II	55.000 EACH		.		.
0667	643.1000 Traffic Control Signs Fixed Message	8,611.000 SF		.		.
0668	643.1050 Traffic Control Signs PCMS	9,556.000 DAY		.		.
0669	643.1055.S Truck or Trailer Mounted Attenuator 0001. 1060-33-81	1,000.000 DAY		.		.
0670	643.2000 Traffic Control Detour (project) 0001. 1060-33-81	1.000 EACH		.		.
0671	643.2000 Traffic Control Detour (project) 0002. 1060-34-82	1.000 EACH		.		.
0672	643.3000 Traffic Control Detour Signs	897,738.000 DAY		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0673	645.0111 Geotextile Fabric Type DF Schedule A **P**	162.000 SY		.		.
0674	645.0112 Geotextile Fabric Type DF Schedule B **P**	3,931.000 SY		.		.
0675	645.0120 Geotextile Fabric Type HR	2,178.000 SY		.		.
0676	646.0106 Pavement Marking Epoxy 4-Inch	123,692.000 LF		.		.
0677	646.0126 Pavement Marking Epoxy 8-Inch	2,443.000 LF		.		.
0678	646.0600 Removing Pavement Markings	139,765.000 LF		.		.
0679	646.0841.S Pavement Marking Grooved Wet Reflective Contrast Tape 4-Inch **P**	58,014.000 LF		.		.
0680	646.0843.S Pavement Marking Grooved Wet Reflective Contrast Tape 8-Inch **P**	59,589.000 LF		.		.
0681	646.0883.S Pavement Marking Grooved Wet Reflective Tape 8-Inch **P**	1,163.000 LF		.		.

CONTRACT: 20150929001
PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81
FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0682	646.2304.S Pavement Marking Grooved Wet Reflective Epoxy 4-Inch **P**	187,373.000 LF		.		.
0683	647.0166 Pavement Marking Arrows Epoxy Type 2	4.000 EACH		.		.
0684	647.0196 Pavement Marking Arrows Epoxy Type 5	2.000 EACH		.		.
0685	647.0356 Pavement Marking Words Epoxy	2.000 EACH		.		.
0686	647.0456 Pavement Marking Curb Epoxy	215.000 LF		.		.
0687	647.0606 Pavement Marking Island Nose Epoxy	9.000 EACH		.		.
0688	647.0726 Pavement Marking Diagonal Epoxy 12-Inch	25,696.000 LF		.		.
0689	647.0746 Pavement Marking Diagonal Epoxy 24-Inch	5,857.000 LF		.		.
0690	649.0100 Temporary Pavement Marking 4-Inch	20,000.000 LF		.		.
0691	649.0200 Temporary Pavement Marking Reflective Paint 4-Inch	26,180.000 LF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0692	649.0400 Temporary Pavement Marking Removable Tape 4-Inch	41,245.000 LF		.		.
0693	649.0701 Temporary Pavement Marking 8-Inch	5,155.000 LF		.		.
0694	649.0801 Temporary Pavement Marking Removable Tape 8-Inch	4,660.000 LF		.		.
0695	649.2100 Temporary Raised Pavement Markers	2,592.000 EACH		.		.
0696	652.0110 Conduit Rigid Metallic 1-Inch	76.000 LF		.		.
0697	652.0125 Conduit Rigid Metallic 2-Inch	1,265.000 LF		.		.
0698	652.0210 Conduit Rigid Nonmetallic Schedule 40 1-Inch	8.000 LF		.		.
0699	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	63,496.000 LF		.		.
0700	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	50,403.000 LF		.		.
0701	652.0240 Conduit Rigid Nonmetallic Schedule 40 4-Inch	4.000 LF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0702	652.0325 Conduit Rigid Nonmetallic Schedule 80 2-Inch	123.000 LF		.		.
0703	652.0615 Conduit Special 3-Inch	2,012.000 LF		.		.
0704	652.0625 Conduit Special 4-Inch	525.000 LF		.		.
0705	652.0700.S Install Conduit into Existing Item	34.000 EACH		.		.
0706	652.0800 Conduit Loop Detector	3,340.000 LF		.		.
0707	653.0105 Pull Boxes Steel 12x24-Inch	4.000 EACH		.		.
0708	653.0135 Pull Boxes Steel 24x36-Inch	63.000 EACH		.		.
0709	653.0140 Pull Boxes Steel 24x42-Inch	184.000 EACH		.		.
0710	653.0220 Junction Boxes 18x6x6-Inch	40.000 EACH		.		.
0711	653.0222 Junction Boxes 18x12x6-Inch	95.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0712	653.0905 Removing Pull Boxes	56.000 EACH		.		.
0713	654.0101 Concrete Bases Type 1	7.000 EACH		.		.
0714	654.0102 Concrete Bases Type 2	1.000 EACH		.		.
0715	654.0105 Concrete Bases Type 5	212.000 EACH		.		.
0716	654.0110 Concrete Bases Type 10	4.000 EACH		.		.
0717	654.0230 Concrete Control Cabinet Bases Type L30	6.000 EACH		.		.
0718	655.0146 Cable In Duct 4-6 AWG	4,352.000 LF		.		.
0719	655.0230 Cable Traffic Signal 5-14 AWG	1,403.000 LF		.		.
0720	655.0240 Cable Traffic Signal 7-14 AWG	2,951.000 LF		.		.
0721	655.0250 Cable Traffic Signal 9-14 AWG	1,434.000 LF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0722	655.0260 Cable Traffic Signal 12-14 AWG	1,082.000 LF		.		.
0723	655.0310 Cable Type UF 2-12 AWG	2,230.000 LF		.		.
0724	655.0510 Electrical Wire Traffic Signals 12 AWG	43,704.000 LF		.		.
0725	655.0610 Electrical Wire Lighting 12 AWG	106,313.000 LF		.		.
0726	655.0615 Electrical Wire Lighting 10 AWG	22,284.000 LF		.		.
0727	655.0620 Electrical Wire Lighting 8 AWG	2,977.000 LF		.		.
0728	655.0625 Electrical Wire Lighting 6 AWG	293,888.000 LF		.		.
0729	655.0630 Electrical Wire Lighting 4 AWG	20,473.000 LF		.		.
0730	655.0635 Electrical Wire Lighting 2 AWG	11,369.000 LF		.		.
0731	655.0645 Electrical Wire Lighting 1/0 AWG	9,064.000 LF		.		.

CONTRACT: 20150929001
PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81
FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0732	655.0700 Loop Detector Lead In Cable	34,415.000 LF		.		.
0733	655.0800 Loop Detector Wire	11,985.000 LF		.		.
0734	656.0200 Electrical Service Meter Breaker Pedestal (location) 2001. CB-RM-40-0038	LUMP	LUMP			.
0735	656.0200 Electrical Service Meter Breaker Pedestal (location) 2002. CB-SDS-40-0039A	LUMP	LUMP			.
0736	656.0200 Electrical Service Meter Breaker Pedestal (location) 2003. CB-SDS-40-0232	LUMP	LUMP			.
0737	656.0200 Electrical Service Meter Breaker Pedestal (location) 2004. CB-SDS-40-0050	LUMP	LUMP			.
0738	656.0200 Electrical Service Meter Breaker Pedestal (location) 2005. CB-CCTV-40-0218	LUMP	LUMP			.
0739	656.0200 Electrical Service Meter Breaker Pedestal (location) 2006. CB-CCTV-40-0217	LUMP	LUMP			.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0740	656.0200 Electrical Service Meter Breaker Pedestal (location) 2007. CB-CCTV-40-0006	LUMP	LUMP			.
0741	656.0200 Electrical Service Meter Breaker Pedestal (location) 2008. CB-SDS-40-0230A	LUMP	LUMP			.
0742	656.0400 Electrical Service Main Lugs Only Meter Pedestal (location) 0001. HL-40-GD	LUMP	LUMP			.
0743	656.0400 Electrical Service Main Lugs Only Meter Pedestal (location) 0002. HL-40-ZB	LUMP	LUMP			.
0744	656.0400 Electrical Service Main Lugs Only Meter Pedestal (location) 0003. HL-40-ZT	LUMP	LUMP			.
0745	656.0400 Electrical Service Main Lugs Only Meter Pedestal (location) 0004. HL-40-ZC	LUMP	LUMP			.
0746	656.0400 Electrical Service Main Lugs Only Meter Pedestal (location) 0005. HL-40-TV	LUMP	LUMP			.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0747	656.0500 Electrical Service Breaker Disconnect Box (location) 2001. CB-RM-40-0038	LUMP	LUMP			.
0748	656.0500 Electrical Service Breaker Disconnect Box (location) 2002. CB-SDS-40-0041A	LUMP	LUMP			.
0749	656.0500 Electrical Service Breaker Disconnect Box (location) 2003. CB-SDS-40-0039A	LUMP	LUMP			.
0750	656.0500 Electrical Service Breaker Disconnect Box (location) 2004. CB-SDS-40-0232	LUMP	LUMP			.
0751	656.0500 Electrical Service Breaker Disconnect Box (location) 2005. CB-SDS-40-0050	LUMP	LUMP			.
0752	656.0500 Electrical Service Breaker Disconnect Box (location) 2006. CB-SDS-40-0052	LUMP	LUMP			.
0753	656.0500 Electrical Service Breaker Disconnect Box (location) 2007. CB-CCTV-40-0218	LUMP	LUMP			.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0754	656.0500 Electrical Service Breaker Disconnect Box (location) 2008. CB-RM-40-0024	LUMP	LUMP			.
0755	656.0500 Electrical Service Breaker Disconnect Box (location) 2009. CB-RM-40-0106	LUMP	LUMP			.
0756	656.0500 Electrical Service Breaker Disconnect Box (location) 2010. CB-CCTV-40-0217	LUMP	LUMP			.
0757	656.0500 Electrical Service Breaker Disconnect Box (location) 2011. CB-CCTV-40-0006	LUMP	LUMP			.
0758	656.0500 Electrical Service Breaker Disconnect Box (location) 2012. CB-CCTV-40-0220	LUMP	LUMP			.
0759	656.0500 Electrical Service Breaker Disconnect Box (location) 2013. CB-SDS-40-0230A	LUMP	LUMP			.
0760	656.0500 Electrical Service Breaker Disconnect Box (location) 2014. CB-CCTV-40-0101	LUMP	LUMP			.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0761	656.0500 Electrical Service Breaker Disconnect Box (location) 2015. CB-CCTV-40-0219	LUMP	LUMP			.
0762	656.0500 Electrical Service Breaker Disconnect Box (location) 2016. CB-CCTV-40-0033	LUMP	LUMP			.
0763	657.0210 Transformer Bases Breakaway 15-17 Inch Bolt Circle	104.000 EACH		.		.
0764	657.0255 Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	206.000 EACH		.		.
0765	657.0305 Poles Type 2	1.000 EACH		.		.
0766	657.0322 Poles Type 5-Aluminum	269.000 EACH		.		.
0767	657.0375 Poles Type A	108.000 EACH		.		.
0768	657.0605 Luminaire Arms Single Member 4 1/2-Inch Clamp 4-FT	16.000 EACH		.		.
0769	657.0610 Luminaire Arms Single Member 4 1/2-Inch Clamp 6-FT	287.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0770	657.0620 Luminaire Arms Single Member 6-Inch Clamp 4-FT	208.000 EACH		.		.
0771	657.1345 Install Poles Type 9	3.000 EACH		.		.
0772	657.1350 Install Poles Type 10	1.000 EACH		.		.
0773	657.1515 Install Monotube Arms 15-FT	1.000 EACH		.		.
0774	657.1525 Install Monotube Arms 25-FT	1.000 EACH		.		.
0775	657.1530 Install Monotube Arms 30-FT	2.000 EACH		.		.
0776	657.6005.S Anchor Assemblies Light Poles on Structures	71.000 EACH		.		.
0777	659.0802 Plaques Sequence Identification	913.000 EACH		.		.
0778	659.1120 Luminaires Utility LED B	307.000 EACH		.		.
0779	659.1130 Luminaires Utility LED D	257.000 EACH		.		.

CONTRACT: 20150929001
PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81
FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0780	661.0700 Temporary Ramp Meter (location) 2001. Hwy 100 AND IH 94 Removal	LUMP	LUMP			.
0781	662.1028.S Ramp Closure Gates Hardwired 28-FT	1.000 EACH		.		.
0782	662.1032.S Ramp Closure Gates Hardwired 32-FT	2.000 EACH		.		.
0783	662.1037.S Ramp Closure Gates Hardwired 37-FT	2.000 EACH		.		.
0784	662.1040.S Ramp Closure Gates Hardwired 40-FT	1.000 EACH		.		.
0785	670.0100 Field System Integrator 2001. FTMS	LUMP	LUMP			.
0786	670.0100 Field System Integrator 2021. FTMS	LUMP	LUMP			.
0787	670.0100 Field System Integrator 3001. Wisconsin Avenue Corridor	LUMP	LUMP			.
0788	670.0200 ITS Documentation 2001. FTMS	LUMP	LUMP			.
0789	670.0200 ITS Documentation 2021. FTMS	LUMP	LUMP			.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0790	670.0200 ITS Documentation 3001. Wisconsin Avenue Corridor	LUMP	LUMP			.
0791	671.0132 Conduit HDPE 3-Duct 2-Inch	19,150.000 LF		.		.
0792	671.0232 Conduit HDPE Directional Bore 3-Duct 2-Inch	915.000 LF		.		.
0793	672.0100 Base ITS Controller Cabinet	5.000 EACH		.		.
0794	672.0230 Base Camera Pole 30-FT	1.000 EACH		.		.
0795	672.0250 Base Camera Pole 50-FT	6.000 EACH		.		.
0796	672.0280 Base Camera Pole 80-FT	1.000 EACH		.		.
0797	673.0105 Communication Vault Type 1	28.000 EACH		.		.
0798	673.0200.S Install ITS Field Cabinet	5.000 EACH		.		.
0799	673.0225.S Install Pole Mounted Cabinet	16.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0800	674.0200 Cable Microwave Detector	18,856.000 LF		.		.
0801	674.0300 Remove Cable	21,755.000 LF		.		.
0802	675.0100 Install Controller Ramp Meter Processor Assembly	3.000 EACH		.		.
0803	675.0300 Install Mounted Controller Microwave Detector Assembly	50.000 EACH		.		.
0804	675.0400.S Install Ethernet Switch	17.000 EACH		.		.
0805	676.0100 Signal Assembly Ramp Control Sidemount	4.000 EACH		.		.
0806	676.0105 Signal Assembly Ramp Control Overhead	11.000 EACH		.		.
0807	676.0300 Signal Assembly Advance Flasher Type 1	5.000 EACH		.		.
0808	676.0305 Signal Assembly Advance Flasher Type 2	1.000 EACH		.		.
0809	676.9001.S Removing Advance Flasher Assemblies Type 1	7.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0810	677.0100 Install Camera Pole	7.000 EACH		.		.
0811	677.0200 Install Camera Assembly	9.000 EACH		.		.
0812	677.9051.S Removing 50-FT Camera Pole	3.000 EACH		.		.
0813	677.9200.S Removing CCTV Camera	3.000 EACH		.		.
0814	678.0006 Install Fiber Optic Cable Outdoor Plant 6-CT	15,125.000 LF		.		.
0815	678.0072 Install Fiber Optic Cable Outdoor Plant 72-CT	46,700.000 LF		.		.
0816	678.0300 Fiber Optic Splice	738.000 EACH		.		.
0817	678.0400 Fiber Optic Termination	120.000 EACH		.		.
0818	678.0500 Communication System Testing 2001. FTMS	LUMP	LUMP			.
0819	678.0500 Communication System Testing 2021. FTMS	LUMP	LUMP			.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0820	678.0500 Communication System Testing 3001. Wisconsin Avenue Corridor	LUMP	LUMP			.
0821	690.0150 Sawing Asphalt	26,418.000 LF		.		.
0822	690.0250 Sawing Concrete	23,321.000 LF		.		.
0823	715.0502 Incentive Strength Concrete Structures	391,048.000 DOL	1.00000		391048.00	
0824	ASP.1T0A On-the-Job Training Apprentice at $5.00/HR	22,500.000 HRS	5.00000		112500.00	
0825	ASP.1T0G On-the-Job Training Graduate at $5.00/HR	22,500.000 HRS	5.00000		112500.00	
0826	SPV.0005 Special 0001. Rootstock Protection	0.100 ACRE		.		.
0827	SPV.0035 Special 0100. EBS Excavation	14,736.000 CY		.		.
0828	SPV.0035 Special 0101. EBS Backfill	14,736.000 CY		.		.
0829	SPV.0035 Special 0700. Excavation, Hauling, And Reuse Of Solid Waste Soil	6,072.000 CY		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0830	SPV.0035 Special 4000. HPC Masonry Structures **P**	31,048.000 CY		.		.
0831	SPV.0035 Special 4010. Concrete Masonry Soldier Pile Footings **P**	615.000 CY		.		.
0832	SPV.0035 Special 4020. Lightweight Foamed Concrete Fill Grade 1	7,464.000 CY		.		.
0833	SPV.0035 Special 4030. Lightweight Foamed Concrete Fill Grade 2	3,334.000 CY		.		.
0834	SPV.0035 Special 8001. Detention Basin Clay Lining **P**	7,277.000 CY		.		.
0835	SPV.0045 Special 0100. Temporary Crosswalk/Sidewalk	1,858.000 DAY		.		.
0836	SPV.0045 Special 0401. Portable Speed Trailer	2,208.000 DAY		.		.
0837	SPV.0045 Special 2000. Dynamic Late Merge System	568.000 DAY		.		.
0838	SPV.0045 Special 2001. Work Zone Construction Traffic Merge Warning System	1,314.000 DAY		.		.
0839	SPV.0055 Special 0401. Dispute Review Board	25,000.000 DOL	1.00000		25000.00	

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0840	SPV.0055 Special 0900. Railroad Flagging Reimbursement	100,000.000 DOL	1.00000		100000.00	
0841	SPV.0060 Special 0003. Exposing Existing Infrastructure Paved Area	22.000 EACH		.		.
0842	SPV.0060 Special 0004. Exposing Existing Infrastructure Unpaved Area	22.000 EACH		.		.
0843	SPV.0060 Special 0005. Baseline Cpm Progress Schedule	1.000 EACH		.		.
0844	SPV.0060 Special 0006. Monthly Cpm Progress Schedule Updates	31.000 EACH		.		.
0845	SPV.0060 Special 0010. Removing High Mast Lighting Tower Concrete Base	7.000 EACH		.		.
0846	SPV.0060 Special 0011. Removing High Mast Lighting Tower	13.000 EACH		.		.
0847	SPV.0060 Special 0013. Shallow Marsh Rootstock	130.000 EACH		.		.
0848	SPV.0060 Special 0015. Removing Utility Vault	10.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0849	SPV.0060 Special 0016. Removing Old Sign Structure S-40-100	1.000 EACH		.		.
0850	SPV.0060 Special 0017. Removing Old Sign Structure S-40-133	1.000 EACH		.		.
0851	SPV.0060 Special 0018. Removing Old Sign Structure S-40-156	1.000 EACH		.		.
0852	SPV.0060 Special 0019. Removing Old Sign Structure S-40-128	1.000 EACH		.		.
0853	SPV.0060 Special 0020. Removing Old Sign Structure S-40-213	1.000 EACH		.		.
0854	SPV.0060 Special 0021. Removing Old Sign Structure S-40-214	1.000 EACH		.		.
0855	SPV.0060 Special 0023. Removing Old Sign Structure S-40-309	1.000 EACH		.		.
0856	SPV.0060 Special 0024. Removing Old Sign Structure S-40-35	1.000 EACH		.		.
0857	SPV.0060 Special 0026. Removing Old Sign Structure S-40-78	1.000 EACH		.		.
0858	SPV.0060 Special 0027. Removing Old Sign Structure S-40-99	1.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0859	SPV.0060 Special 0028. Removing Old Sign Structure S-40-995	1.000 EACH		.		.
0860	SPV.0060 Special 0029. Removing Old Sign Structure S-40-996	1.000 EACH		.		.
0861	SPV.0060 Special 0101. Temporary Bus Stop Pad	3.000 EACH		.		.
0862	SPV.0060 Special 0126. Concrete Barrier Type S56A Special Light Pole Base	7.000 EACH		.		.
0863	SPV.0060 Special 0127. Concrete Barrier Transition Type G1	1.000 EACH		.		.
0864	SPV.0060 Special 0128. Concrete Barrier Transition Type G2	1.000 EACH		.		.
0865	SPV.0060 Special 0129. Concrete Barrier Transition Type G3	1.000 EACH		.		.
0866	SPV.0060 Special 0130. Concrete Barrier Transition Type G4	1.000 EACH		.		.
0867	SPV.0060 Special 0131. Concrete Barrier Transition Type G5	1.000 EACH		.		.
0868	SPV.0060 Special 0132. Concrete Barrier Transition Type G6	1.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0869	SPV.0060 Special 0133. Concrete Barrier Transition Type G7	1.000 EACH		.		.
0870	SPV.0060 Special 0134. Concrete Barrier Transition Type G8	1.000 EACH		.		.
0871	SPV.0060 Special 0135. Concrete Barrier Transition Type G9	1.000 EACH		.		.
0872	SPV.0060 Special 0136. Concrete Barrier Transition Type G10	1.000 EACH		.		.
0873	SPV.0060 Special 0137. Concrete Barrier Transition Type G11	1.000 EACH		.		.
0874	SPV.0060 Special 0138. Concrete Barrier Transition Type G12	1.000 EACH		.		.
0875	SPV.0060 Special 0139. Concrete Barrier Transition Type G13	1.000 EACH		.		.
0876	SPV.0060 Special 0140. Concrete Barrier Transition Type G14	1.000 EACH		.		.
0877	SPV.0060 Special 0141. Concrete Barrier Transition Type G15	1.000 EACH		.		.
0878	SPV.0060 Special 0142. Concrete Barrier Transition Type G16	1.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0879	SPV.0060 Special 0143. Concrete Barrier Transition Type G17	1.000 EACH		.		.
0880	SPV.0060 Special 0144. Concrete Barrier Transition Type G18	1.000 EACH		.		.
0881	SPV.0060 Special 0145. Concrete Barrier Transition Type G19	1.000 EACH		.		.
0882	SPV.0060 Special 0150. Concrete Barrier Transition Type M1	1.000 EACH		.		.
0883	SPV.0060 Special 0151. Concrete Barrier Transition Type M2	1.000 EACH		.		.
0884	SPV.0060 Special 0152. Concrete Barrier Transition Type M3	1.000 EACH		.		.
0885	SPV.0060 Special 0153. Concrete Barrier Transition Type M4	1.000 EACH		.		.
0886	SPV.0060 Special 0154. Concrete Barrier Transition Type M5	1.000 EACH		.		.
0887	SPV.0060 Special 0155. Concrete Barrier Transition Type M6	2.000 EACH		.		.
0888	SPV.0060 Special 0160. Concrete Barrier Type S32 End Anchor	21.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0889	SPV.0060 Special 0162. Concrete Barrier Type S42 End Anchor	232.000 EACH		.		.
0890	SPV.0060 Special 0164. Concrete Barrier Type S56 End Anchor	4.000 EACH		.		.
0891	SPV.0060 Special 0166. Concrete Barrier Type S56 Special End Anchor	1.000 EACH		.		.
0892	SPV.0060 Special 0168. Concrete Barrier Type S56A Special End Anchor	14.000 EACH		.		.
0893	SPV.0060 Special 0190. Section Corner Monuments Special	4.000 EACH		.		.
0894	SPV.0060 Special 0302. Pvmnt Marking Contrast Grooved Pre formed Thermoplstc Arrows Type 2 **P**	17.000 EACH		.		.
0895	SPV.0060 Special 0304. Pvmnt Marking Contrast Grooved Pre formed Thermoplastic Arrows Type 3 **P**	11.000 EACH		.		.
0896	SPV.0060 Special 0306. Pavement Marking Contrast Grooved Preformed Thermoplastic Arrows Type 4	3.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0897	SPV.0060 Special 0308. Pvmnt Marking Contrast Grooved Pre formed Thermoplastic Arrows Type 5 **P**	22.000 EACH		.		.
0898	SPV.0060 Special 0310. Pavement Marking Contrast Grooved Preformed Thermoplastic Words	4.000 EACH		.		.
0899	SPV.0060 Special 0320. Install Temporary Pavement Marking Orange Arrows	4.000 EACH		.		.
0900	SPV.0060 Special 0322. Truck Cleanout Of Pavement Marking Orange Epoxy	6.000 EACH		.		.
0901	SPV.0060 Special 0400. Traffic Control Close-Open Freeway Entrance Ramp	1,200.000 EACH		.		.
0902	SPV.0060 Special 0401. Traffic Control Close-Open Freeway To Freeway System Ramp	900.000 EACH		.		.
0903	SPV.0060 Special 0402. Traffic Control Interim Freeway Lane Closure	3,400.000 EACH		.		.
0904	SPV.0060 Special 0403. Traffic Control Local Road Lane Closures	50.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0905	SPV.0060 Special 0405. Temporary Sign Portable Support	15.000 EACH		.		.
0906	SPV.0060 Special 0406. Mobilizations Emergency Pavement Repair	21.000 EACH		.		.
0907	SPV.0060 Special 0408. Traffic Control Full Freeway Closure	420.000 EACH		.		.
0908	SPV.0060 Special 0410. Maintaining Signs Fixed Message	134.000 EACH		.		.
0909	SPV.0060 Special 0412. Maintaining Traffic Control Covering Signs Type 1	32.000		.		.
0910	SPV.0060 Special 0414. Permanent Barricades Type III	3.000 EACH		.		.
0911	SPV.0060 Special 0416. Sign Support Special Mounting	54.000 EACH		.		.
0912	SPV.0060 Special 0420. Dynamic Speed Display Sign	4.000 EACH		.		.
0913	SPV.0060 Special 0422. Moving Dynamic Speed Display Sign	4.000 EACH		.		.
0914	SPV.0060 Special 0606. Gates Decorative HAST Ground Mounted 12-Ft	1.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0915	SPV.0060 Special 0608. Gates decorative HAST Ground Mounted 30-Ft	1.000 EACH		.		.
0916	SPV.0060 Special 1010. Lamp Disposal High Intensity Discharge	290.000 EACH		.		.
0917	SPV.0060 Special 1019. Relocating Light Poles, Arms and Luminaires	6.000 EACH		.		.
0918	SPV.0060 Special 1031. Removing Aluminum Light Poles And Arms-Wauwatosa	3.000 EACH		.		.
0919	SPV.0060 Special 1032. Removing Concrete Light Poles And Arms-Wauwatosa	6.000 EACH		.		.
0920	SPV.0060 Special 1033. Removing Aluminum Light Poles, Arms And Luminaires	111.000 EACH		.		.
0921	SPV.0060 Special 1035. Wood Pole Lighting 60-Ft	104.000 EACH		.		.
0922	SPV.0060 Special 1036. Poles Wood 60-Ft	24.000 EACH		.		.
0923	SPV.0060 Special 1037. Poles Wood 35-Ft	42.000 EACH		.		.
0924	SPV.0060 Special 1040. Removing Poles Wood 60-Ft And Floodlights	154.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0925	SPV.0060 Special 1041. Removing Poles Wood 60-Ft	47.000 EACH		.		.
0926	SPV.0060 Special 1042. Removing Poles Wood 35-Foot	18.000 EACH		.		.
0927	SPV.0060 Special 1043. Removing Poles Wood 35-Ft And Floodlights	24.000 EACH		.		.
0928	SPV.0060 Special 1050. Tunnel Luminaire	319.000 EACH		.		.
0929	SPV.0060 Special 1051. Lighting Control Cabinet Tunnel Lighting	2.000 EACH		.		.
0930	SPV.0060 Special 1052. Brackets Tunnel Lighting	44.000 EACH		.		.
0931	SPV.0060 Special 1056. Junction Boxes Steel 18X12X6-Inch Coated	19.000 EACH		.		.
0932	SPV.0060 Special 1065. Luminaire Utility LED E	1.000 EACH		.		.
0933	SPV.0060 Special 1066. Salvaging Luminaire LED - DOT	6.000 EACH		.		.
0934	SPV.0060 Special 1070. Luminaires Floodlight 1000W HPS	94.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0935	SPV.0060 Special 1071. Luminaires Floodlight 400W HPS	67.000 EACH		.		.
0936	SPV.0060 Special 1078. Luminaire (UDL) Wallpack Led	32.000 EACH		.		.
0937	SPV.0060 Special 1079. Luminaire (UDL) Wallpack LED-West Allis	9.000 EACH		.		.
0938	SPV.0060 Special 1090. Salvage Lighting Control Cabinets	11.000 EACH		.		.
0939	SPV.0060 Special 1100. Lighting Control Cabinet 480/277 VAC	1.000 EACH		.		.
0940	SPV.0060 Special 1102. Lighting Control Cabinet With FTMS Power 480/277 VAC	2.000 EACH		.		.
0941	SPV.0060 Special 1125. Poles Mount For Probeam Luminaire	32.000 EACH		.		.
0942	SPV.0060 Special 1126. Concrete Bases Type 10P	25.000 EACH		.		.
0943	SPV.0060 Special 1127. Probeam Luminaire	33.000 EACH		.		.
0944	SPV.0060 Special 1128. Pole 13-Foot For Probeam Luminaire	1.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0945	SPV.0060 Special 1130. Poles Aluminum Type F	8.000 EACH		.		.
0946	SPV.0060 Special 1131. Concrete Bases Type B	104.000 EACH		.		.
0947	SPV.0060 Special 1153. Removing Electrical Service Meter Breaker Pedestal Lighting	7.000 EACH		.		.
0948	SPV.0060 Special 2001. Ground Rod	37.000 EACH		.		.
0949	SPV.0060 Special 2002. Removing Ramp Control Signal Assembly Sidemount	10.000 EACH		.		.
0950	SPV.0060 Special 2003. Removing Controller Cabinet	5.000 EACH		.		.
0951	SPV.0060 Special 2004. Removing Controller Cabinet Base	7.000 EACH		.		.
0952	SPV.0060 Special 2005. Removing Controller Ramp Meter Processer Assembly	1.000 EACH		.		.
0953	SPV.0060 Special 2006. Removing Electrical Service Meter Breaker Pedestal	4.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0954	SPV.0060 Special 2007. Removing Communication Vault	2.000 EACH		.		.
0955	SPV.0060 Special 2008. Install 80-ft Camera Pole	1.000 EACH		.		.
0956	SPV.0060 Special 2009. Removing Microwave Detector Assembly	2.000 EACH		.		.
0957	SPV.0060 Special 2010. Installl Portable Video Surveillance System	1.000 EACH		.		.
0958	SPV.0060 Special 2011. Relocating Portable Video Surveillance System	4.000 EACH		.		.
0959	SPV.0060 Special 2012. Install Temporary Vehicle Detector Assembly	7.000 EACH		.		.
0960	SPV.0060 Special 2013. Refocusing Vehicle Detector Assembly	57.000 EACH		.		.
0961	SPV.0060 Special 2014. Removing Temporary Vehicle Detector Assembly	18.000 EACH		.		.
0962	SPV.0060 Special 2015. Relocating Temporary Vehicle Detector Assembly	6.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0963	SPV.0060 Special 2016. Removing Electronic Blank Out Sign Assembly	1.000 EACH		.		.
0964	SPV.0060 Special 2017. Install Antenna	2.000 EACH		.		.
0965	SPV.0060 Special 2018. Install Wireless Modem	3.000 EACH		.		.
0966	SPV.0060 Special 2019. Removing Wireless Modem	1.000 EACH		.		.
0967	SPV.0060 Special 2020. Salvage Microwave Detector Assembly	2.000 EACH		.		.
0968	SPV.0060 Special 2021. Install Salvaged Microwave Detector Assembly	2.000 EACH		.		.
0969	SPV.0060 Special 2022. Salvage Wireless Traffic Sensor Repeater	1.000 EACH		.		.
0970	SPV.0060 Special 2023. Install Wireless Traffic Sensor Repeater	1.000 EACH		.		.
0971	SPV.0060 Special 2024. Salvage Poles Type 5	1.000 EACH		.		.
0972	SPV.0060 Special 2025. Installed Salvaged Poles Type 5	1.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0973	SPV.0060 Special 2026. Install Conduit Into Buried Vault	1.000 EACH		.		.
0974	SPV.0060 Special 2027. Install Temporary Traffic Camera Assembly	2.000 EACH		.		.
0975	SPV.0060 Special 2028. Temporary Poles Wood 40-Foot	7.000 EACH		.		.
0976	SPV.0060 Special 2029. Install 5.8 GHz Ethernet Bridge	2.000 EACH		.		.
0977	SPV.0060 Special 2030. Install Cabinet Heater And Thermostat	5.000 EACH		.		.
0978	SPV.0060 Special 2031. Install Wavetronix Click 200 Module	9.000 EACH		.		.
0979	SPV.0060 Special 2032. Install Wavetronix Power Module	9.000 EACH		.		.
0980	SPV.0060 Special 2033. Install Wavetronix Detector Module	9.000 EACH		.		.
0981	SPV.0060 Special 2034. Install Cellular Antenna	9.000 EACH		.		.
0982	SPV.0060 Special 2035. Install Piezoelectric Axle Sensor	8.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0983	SPV.0060 Special 2037. Concrete Control Cabinet Base ATR Special Type 7	1.000 EACH		.		.
0984	SPV.0060 Special 2038. Install ATR Controller Cabinet	1.000 EACH		.		.
0985	SPV.0060 Special 2040. Wireless Traffic Sensor	12.000 EACH		.		.
0986	SPV.0060 Special 2042. Wireless Traffic Sensor Repeater	1.000 EACH		.		.
0987	SPV.0060 Special 2043. Wireless Traffic Sensor Contact Closure Module	1.000 EACH		.		.
0988	SPV.0060 Special 2044. Wireless Traffic Sensor Contact Closure Extension Card	3.000 EACH		.		.
0989	SPV.0060 Special 2045. Removing Temporary Traffic Camera Assembly	2.000 EACH		.		.
0990	SPV.0060 Special 2050. INSTALL FIBER OPTIC MEDIA CONVERTER	2.000 EACH		.		.
0991	SPV.0060 Special 2052. Multi-cell Conduit Connection	1.000 EACH		.		.
0992	SPV.0060 Special 3001. Supplemental Traffic Signal Cabinet Concrete Base	1.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0993	SPV.0060 Special 3101. Install Traffic Cabinet Base	1.000 EACH		.		.
0994	SPV.0060 Special 3102. Install Traffic Signal Base	11.000 EACH		.		.
0995	SPV.0060 Special 3103. Traffic Polymer Concrete Vault 13-In X 24-In X 18-In	6.000 EACH		.		.
0996	SPV.0060 Special 3104. Traffic Polymer Concrete Vault 17-In X 30-In X 18-In	5.000 EACH		.		.
0997	SPV.0060 Special 4100. Anchor Assemblies Sign Bridge Structures	8.000 EACH		.		.
0998	SPV.0060 Special 4105. Anchor Assemblies Noise Barrier Structures	696.000 EACH		.		.
0999	SPV.0060 Special 4110. Pile Dynamic Analyzer (PDA) Testing	95.000 EACH		.		.
1000	SPV.0060 Special 4115. Pile Dynamic Analyzer (PDA) Restrikes	95.000 EACH		.		.
1001	SPV.0060 Special 4116. Case Pile Wave Analysis Program (Cap/Wap) Evaluation	54.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1002	SPV.0060 Special 4120. Bearings High-Load Multi-Rotational Fixed	32.000 EACH		.		.
1003	SPV.0060 Special 4125. Bearings High-Load Multi-Rotational Guided	78.000 EACH		.		.
1004	SPV.0060 Special 4130. Floor Drain Special	32.000 EACH		.		.
1005	SPV.0060 Special 4135. Anchor Slab Inlet Cover Special	38.000 EACH		.		.
1006	SPV.0060 Special 4140. Tieback Anchors	115.000 EACH		.		.
1007	SPV.0060 Special 4145. Tieback Anchors Performance Tests	7.000 EACH		.		.
1008	SPV.0060 Special 4150. Drilled Foundation Shaft Base Grouting	12.000 EACH		.		.
1009	SPV.0060 Special 4155. Tip Testing Drilled Foundation Shaft 59. 06-Inch	12.000 EACH		.		.
1010	SPV.0060 Special 4165. Thermal Integrity Profiler (Tip) Testing Wall Secant Pile 47. 24-Inch	6.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1011	SPV.0060 Special 4170. Polymer Concrete Pull Boxes 13X24X18-Inch	3.000 EACH		.		.
1012	SPV.0060 Special 4175. Concrete Base Sleeves	3.000 EACH		.		.
1013	SPV.0060 Special 4180. Bar Couplers No. 14	330.000 EACH		.		.
1014	SPV.0060 Special 4185. Temporary Access Gates	2.000 EACH		.		.
1015	SPV.0060 Special 5000. Permanent Connection To Existing 24-Inch Water Main	2.000 EACH		.		.
1016	SPV.0060 Special 5001. Adjusting Water Valve Wauwatosa	5.000 EACH		.		.
1017	SPV.0060 Special 5002. Adjusting Water Valve Milwaukee	2.000 EACH		.		.
1018	SPV.0060 Special 5003. Adjusting Water Valve West Allis	9.000 EACH		.		.
1019	SPV.0060 Special 5004. Cut And Cap Water Main	2.000 EACH		.		.
1020	SPV.0060 Special 5005. Air Release Valve	1.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1021	SPV.0060 Special 5006. Abandoning Air Release Manhole	1.000 EACH		.		.
1022	SPV.0060 Special 5007. Hydrant Assembly Relocation	1.000 EACH		.		.
1023	SPV.0060 Special 5008. Relocate Hydrant	2.000 EACH		.		.
1024	SPV.0060 Special 5101. MMSD Sanitary Manhole Precast	2.000 EACH		.		.
1025	SPV.0060 Special 5102. MMSD Sanitary Manhole Reconstruct	2.000 EACH		.		.
1026	SPV.0060 Special 5103. MMSD Sanitary Manhole Extension	1.000 EACH		.		.
1027	SPV.0060 Special 5104. MMSD Manhole Rehabilitation With Pure Fused Calcium Aluminate Coatings	1.000 EACH		.		.
1028	SPV.0060 Special 5105. Removing MMSD Sanitary Manhole	1.000 EACH		.		.
1029	SPV.0060 Special 5106. Abandoning MMSD Sanitary Manhole With Concrete Cap	1.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1030	SPV.0060 Special 5200. Adjusting Sanitary Manhole	11.000 EACH		.		.
1031	SPV.0060 Special 5201. Reconstruct Sanitary Manhole	4.000 EACH		.		.
1032	SPV.0060 Special 6000. Indigo, Wild #1 Cont	3.000 EACH		.		.
1033	SPV.0060 Special 6001. Catmint, Walkers Low #1 Cont	11.000 EACH		.		.
1034	SPV.0060 Special 6002. Coneflower, Magnus Purple #1 Cont	23.000 EACH		.		.
1035	SPV.0060 Special 6003. Daylily, Romantic Returns #1 Cont	29.000 EACH		.		.
1036	SPV.0060 Special 6004. Grass, Karl Forester #1 Cont	10.000 EACH		.		.
1037	SPV.0060 Special 6005. Grass, Overdam Feather Reed #1 Cont	7.000 EACH		.		.
1038	SPV.0060 Special 6006. Grass, Northwind Switch #1 Cont	19.000 EACH		.		.
1039	SPV.0060 Special 6007. Grass, Prairie Dropseed #1 Cont	17.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1040	SPV.0060 Special 6008. Penstemon, Husker Red #1 Cont	6.000 EACH		.		.
1041	SPV.0060 Special 6009. Sage, Caradonna Meadow #1 Cont	22.000 EACH		.		.
1042	SPV.0060 Special 6010. Sage, Russian #1 Cont	9.000 EACH		.		.
1043	SPV.0060 Special 6011. Sunflower, False #1 Cont	12.000 EACH		.		.
1044	SPV.0060 Special 6012. Weed, Chocolate Joe - Pye #1 Cont	6.000 EACH		.		.
1045	SPV.0060 Special 8002. Southwest Core Pond Outlet Storm Sewer Structure	1.000 EACH		.		.
1046	SPV.0060 Special 8004. Inlet Covers Type 57	5.000 EACH		.		.
1047	SPV.0060 Special 8005. Cover Plates Left In Place	5.000 EACH		.		.
1048	SPV.0060 Special 8007. Reconnect Storm Sewer Laterals	10.000 EACH		.		.
1049	SPV.0060 Special 8012. Manholes 9-Ft Special	4.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1050	SPV.0060 Special 8013. Manholes 10-Ft Special	3.000 EACH		.		.
1051	SPV.0060 Special 8015. Pipe Connection To Existing Structure	30.000 EACH		.		.
1052	SPV.0060 Special 8018. Removing Bulkhead	38.000 EACH		.		.
1053	SPV.0060 Special 8050. Inlet Covers Type 27-M Bolted	135.000 EACH		.		.
1054	SPV.0060 Special 8052. Removing Welds from Sewer Access Covers	10.000 EACH		.		.
1055	SPV.0060 Special 8062. Remove And Cap Existing Drainage Storm Sewer Structure	18.000 EACH		.		.
1056	SPV.0060 Special 8065. Removing Cover Plates Left In Place	55.000 EACH		.		.
1057	SPV.0060 Special 8080. Welding Sewer Access Covers	20.000 EACH		.		.
1058	SPV.0060 Special 8099. Intermediate Jacking Stations	4.000 EACH		.		.
1059	SPV.0060 Special 8502. Storm Sewer Structure Z4235	1.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1060	SPV.0060 Special 8503. Storm Sewer Structure Z4121	1.000 EACH		.		.
1061	SPV.0060 Special 8504. Storm Sewer Structure Z4192	1.000 EACH		.		.
1062	SPV.0060 Special 8505. Storm Sewer Structure Z4133	1.000 EACH		.		.
1063	SPV.0075 Special 0002. Pavement Cleanup Project 1060-33-81	2,000.000 HRS		.		.
1064	SPV.0075 Special 0003. Pavement Cleanup Project 1060-34-82	100.000 HRS		.		.
1065	SPV.0075 Special 0010. Obstructions Trenchless Utility Construction	24.000 HRS		.		.
1066	SPV.0075 Special 4200. Obstructions Drilled Foundation Shaft	48.000 HRS		.		.
1067	SPV.0075 Special 4205. Obstructions Wall Secant Pile	10.000 HRS		.		.
1068	SPV.0075 Special 4210. Obstructions Foundation Drilling	33.000 HRS		.		.
1069	SPV.0075 Special 4215. Obstructions Sign Supports Concrete Masonry	65.000 HRS		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1070	SPV.0075 Special 8097. Obstructions Tunnel Excavation	66.000 HRS		.		.
1071	SPV.0085 Special 0900. Ice HPC Hot Weather Concreting	3,125,041 LB	0.75000		2343780.75	
1072	SPV.0085 Special 4310. Post-Tensioning Integral Pier Cap	12,120.000 LB		.		.
1073	SPV.0090 Special 0010. Removing Pavement Markings Water Blasting	342,715.000 LF		.		.
1074	SPV.0090 Special 0011. Removing Concrete Barrier Precast	4,786.000 LF		.		.
1075	SPV.0090 Special 0014. Removing Reinforced Concrete Pipe	298.000 LF		.		.
1076	SPV.0090 Special 0015. Removing Steel Pipe	765.000 LF		.		.
1077	SPV.0090 Special 0016. Removing Miscellaneous Pipe	167.000 LF		.		.
1078	SPV.0090 Special 0029. Fence Screening	364.000 LF		.		.
1079	SPV.0090 Special 0100. Concrete Barrier Type S42C With 48-Inch Pan **P**	461.000 LF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1080	SPV.0090 Special 0101. Concrete Barrier Type S56 Special **P**	146.000 LF		.		.
1081	SPV.0090 Special 0102. Concrete Barrier Type S56A Special **P**	1,021.000 LF		.		.
1082	SPV.0090 Special 0103. Concrete Barrier Type S42 With 24-Inch Pan **P**	5,518.000 LF		.		.
1083	SPV.0090 Special 0104. Concrete Barrier Vertical Back Type S42 Modified With 24-Inch Pan **P**	365.000 LF		.		.
1084	SPV.0090 Special 0105. Concrete Barrier Vertical Back Type S56 Modified With 24-Inch Pan **P**	64.000 LF		.		.
1085	SPV.0090 Special 0106. Concrete Barrier Vertical Back Type S56 Modified **P**	210.000 LF		.		.
1086	SPV.0090 Special 0108. Concrete Barrier Type S32C **P**	134.000 LF		.		.
1087	SPV.0090 Special 0110. Concrete Barrier Type S32 With 24-Inch Pan **P**	190.000 LF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1088	SPV.0090 Special 0112. Concrete Barrier Type S42 With 48-Inch Pan **P**	695.000 LF		.		.
1089	SPV.0090 Special 0124. Maintain And Remove Concrete Barrier Temporary Precast	54,736.000 LF		.		.
1090	SPV.0090 Special 0126. Pipe Underdrain 6-Inch Special	91,278.000 LF		.		.
1091	SPV.0090 Special 0152. Concrete Curb & Gutter 4-Inch Sloped 60-Inch Type A **P**	2,554.000 LF		.		.
1092	SPV.0090 Special 0153. Concrete Gutter 42-Inch **P**	710.000 LF		.		.
1093	SPV.0090 Special 0154. Concrete Gutter 48-Inch **P**	2,277.000 LF		.		.
1094	SPV.0090 Special 0155. Concrete Gutter 66-Inch **P**	420.000 LF		.		.
1095	SPV.0090 Special 0300. Pavement Marking Grooved Preformed Thermoplastic Stop Line, 18-Inch	241.000 LF		.		.
1096	SPV.0090 Special 0301. Pavement Marking Grooved Preformed Thermoplastic Stop Line, 24-Inch	266.000 LF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1097	SPV.0090 Special 0302. Pavement Marking Grooved Preformed Thermoplastic Crosswalk, 6-Inch	1,823.000 LF		.		.
1098	SPV.0090 Special 0320. Install Temporary Pavement Marking Reflective Orange Paint 4-Inch	286,275.000 LF		.		.
1099	SPV.0090 Special 0322. Install Temporary Pavement Marking Reflective Orange Paint 8-Inch	16,385.000 LF		.		.
1100	SPV.0090 Special 0324. Install Temporary Pavement Marking Reflective Orange Paint 24-Inch	505.000 LF		.		.
1101	SPV.0090 Special 0326. Install Temporary Pavement Marking Orange Epoxy 4-Inch	191,630.000 LF		.		.
1102	SPV.0090 Special 0328. Install Temporary Pavement Marking Orange Epoxy 8-Inch	9,645.000 LF		.		.
1103	SPV.0090 Special 0400. Glare Screens Temporary	26,850.000 LF		.		.
1104	SPV.0090 Special 0410. Concrete Barrier Temporary Precast Anchoring	4,925.000 LF		.		.

CONTRACT: 20150929001
PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81
FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1105	SPV.0090 Special 0412. Concrete Barrier Temporary Precast Anchored On Bridge	775.000 LF		.		.
1106	SPV.0090 Special 0414. Concrete Barrier Temporary Precast Anchored On Asphaltic Bridge Overlay	363.000 LF		.		.
1107	SPV.0090 Special 0600. Fence Temporary 6-Ft	417.000 LF		.		.
1108	SPV.0090 Special 0605. Fence Decorative Hast Ground Mounted	1,307.000 LF		.		.
1109	SPV.0090 Special 0610. Fence Chain Link Vinyl Coated 6-Ft	426.000 LF		.		.
1110	SPV.0090 Special 0901. Minor Retaining Wall R-2	177.000 LF		.		.
1111	SPV.0090 Special 1005. Cable Aerial Aluminum 6 AWG Quadruplex	13,459.000 LF		.		.
1112	SPV.0090 Special 1006. Cable Aerial Aluminum 4 AWG Quadruplex	9,366.000 LF		.		.
1113	SPV.0090 Special 1007. Cable Aerial Aluminum 2 AWG Quadruplex	4,850.000 LF		.		.

CONTRACT: 20150929001
PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81
FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1114	SPV.0090 Special 1008. Cable Aerial Aluminum 1/0 AWG Quadruplex	3,788.000 LF		.		.
1115	SPV.0090 Special 1026. Cable In Duct 5-6 AWG	26,403.000 LF		.		.
1116	SPV.0090 Special 1027. Conduit Reinforced Thermosetting Resin 3/4-Inch	460.000 LF		.		.
1117	SPV.0090 Special 1053. Liquidtight Flexible Metallic Conduit 3/4-Inch	2,718.000 LF		.		.
1118	SPV.0090 Special 1054. Wireway Fiberglass 4-Inch X 4-Inch	427.000 LF		.		.
1119	SPV.0090 Special 1055. Wireway Fiberglass 2. 5-Inch X 2.5-Inch	427.000 LF		.		.
1120	SPV.0090 Special 2001. Install Piezoelectric Axle Sensor Slots	90.000 LF		.		.
1121	SPV.0090 Special 2002. Loop Detector Lead In Cable Special	2,260.000 LF		.		.
1122	SPV.0090 Special 4400. Fence Decorative Bridge	471.000 LF		.		.
1123	SPV.0090 Special 4410. Fence Decorative Wall	530.000 LF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1124	SPV.0090 Special 4411. Fence Decorative Hast Wall Mounted	232.000 LF		.		.
1125	SPV.0090 Special 4415. Piling Sleeves	2,407.000 LF		.		.
1126	SPV.0090 Special 4420. Foundation Drilling Special	5,495.000 LF		.		.
1127	SPV.0090 Special 4425. Wall Secant Pile 47. 24-Inch	1,680.000 LF		.		.
1128	SPV.0090 Special 4430. Drilled Foundation Shaft 59.06-Inch	915.000 LF		.		.
1129	SPV.0090 Special 4450. Removing Temporary Shoring Left In Place	814.000 LF		.		.
1130	SPV.0090 Special 4455. Fence Chain Link Vinyl Coated 2.75-Ft	31.000 LF		.		.
1131	SPV.0090 Special 4460. Piling CIP Concrete 16 X 0.5-Inch Special B-40-869	1,705.000 LF		.		.
1132	SPV.0090 Special 4465. Piling CIP Concrete 16 X 0.5-Inch Special B-40-870	2,400.000 LF		.		.
1133	SPV.0090 Special 4470. Piling Steel HP 14-Inch X 73 Lb Special B-40-882	1,300.000 LF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1134	SPV.0090 Special 4475. Piling Steel HP 14-Inch X 73 Lb Special B-40-883	1,200.000 LF		.		.
1135	SPV.0090 Special 5000. Ductile Iron (Di) Awwa C-151 Cl. 55 Water Main 24-Inch	403.000 LF		.		.
1136	SPV.0090 Special 5001. Steel Casing W/ Pvc 12-Inch Carrier	175.000 LF		.		.
1137	SPV.0090 Special 5002. Water Main 12-Inch Ductile Iron Excavated Backfill	134.000 LF		.		.
1138	SPV.0090 Special 5003. Water Main 12-Inch Pvc Excavated Backfill	93.000 LF		.		.
1139	SPV.0090 Special 5004. Remove Water Main	136.000 LF		.		.
1140	SPV.0090 Special 5005. Steel Casing 30-Inch	79.000 LF		.		.
1141	SPV.0090 Special 5006. Water Main 16-Inch PVC Excavated Backfill	40.000 LF		.		.
1142	SPV.0090 Special 5007. Water Main 16-Inch PVC Carrier	215.000 LF		.		.
1143	SPV.0090 Special 5101. Abandoning Sanitary Sewer 15-Inch	115.000 LF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
	SPV.0090 Special 5102.					
1144	Abandoning Sanitary Sewer 16-Inch	7.000 LF		.		.
	SPV.0090 Special 5103.					
1145	MMSD Sanitary Sewer 16-Inch PVC C905 DR18	17.000 LF		.		.
	SPV.0090 Special 5104.					
1146	Steel Casing W/ 15-Inch Sanitary Sewer Carrier	247.000 LF		.		.
	SPV.0090 Special 8025.					
1147	Pipe Underdrain Exploration	100.000 LF		.		.
	SPV.0090 Special 8026.					
1148	Storm Sewer Lateral Exploration	100.000 LF		.		.
	SPV.0090 Special 8030.					
1149	Drain Slotted Vane Longitudinal	2,010.000 LF		.		.
	SPV.0090 Special 8035.					
1150	Drain Slotted Vane Longitudinal Temporary	535.000 LF		.		.
	SPV.0090 Special 8090.					
1151	Lining 96-Inch Reinforced Concrete Storm Sewer Pipe	1,198.000 LF		.		.
	SPV.0090 Special 8096.					
1152	Storm Sewer Construction	2,531.000 LF		.		.
	SPV.0105 Special 0001.					
1153	Survey Project 1060-33-81	LUMP	LUMP			.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1154	SPV.0105 Special 0002. Survey Project 1060-43-81	LUMP	LUMP			.
1155	SPV.0105 Special 0003. Concrete Pavement Joint Layout	LUMP	LUMP			.
1156	SPV.0105 Special 0007. Survey Project 1060-34-82	LUMP	LUMP			.
1157	SPV.0105 Special 0010. Removing Adler Utility Tunnel	LUMP	LUMP			.
1158	SPV.0105 Special 0400. Moving Sign Bridge Cantilevered S-40-128	LUMP	LUMP			.
1159	SPV.0105 Special 1006. Maintenance of Lighting Systems	LUMP	LUMP			.
1160	SPV.0105 Special 1007. Lighting System Integrator	LUMP	LUMP			.
1161	SPV.0105 Special 3001. Transp And Inst S-F Adaptive Traf Sig Equip W. Wisconsin Ave & N. 95Th St	LUMP	LUMP			.
1162	SPV.0105 Special 3002. Install Fiber Optic Comm In Cabinet W. Wisconsin Ave & N. 95Th St	LUMP	LUMP			.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1163	SPV.0105 Special 3101. Transp Signal And Lighting Materials W. Wisconsin Ave & N. 95Th St	LUMP	LUMP			.
1164	SPV.0105 Special 4525. Trial Secant Wall Panel 47.24-Inch	LUMP	LUMP			.
1165	SPV.0105 Special 4530. Expansion Device Modular LRFD B-40-786	LUMP	LUMP			.
1166	SPV.0105 Special 4535. Expansion Device Modular LRFD B-40-787	LUMP	LUMP			.
1167	SPV.0105 Special 4540. Expansion Device Modular LRFD B-40-853	LUMP	LUMP			.
1168	SPV.0105 Special 4545. Expansion Device Modular LRFD B-40-854	LUMP	LUMP			.
1169	SPV.0105 Special 4550. Expansion Device Modular LRFD B-40-856	LUMP	LUMP			.
1170	SPV.0105 Special 4560. Vibration Control And Monitoring 96-Inch Storm Sewer	LUMP	LUMP			.
1171	SPV.0105 Special 4565. Galvanized Steel Grating	LUMP	LUMP			.
1172	SPV.0105 Special 4570. Metalizing B-40-787	LUMP	LUMP			.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1173	SPV.0105 Special 5000. State-Furnished Water Booster Station	LUMP	LUMP			.
1174	SPV.0105 Special 5001. Abandon Temporary Connection And Existing Water Main	LUMP	LUMP			.
1175	SPV.0105 Special 6002. Chevron Solar Powered Sign System Assembly Ramp SW	LUMP	LUMP			.
1176	SPV.0105 Special 6004. Chevron Solar Powered Sign System Assembly Ramp NE	LUMP	LUMP			.
1177	SPV.0105 Special 6006. Chevron Solar Powered Sign System Assembly Ramp NW	LUMP	LUMP			.
1178	SPV.0105 Special 6008. Chevron Solar Powered Sign System Assembly WN	LUMP	LUMP			.
1179	SPV.0105 Special 6010. Chevron Solar Powered Sign System Assembly SE	LUMP	LUMP			.
1180	SPV.0105 Special 6012. Chevron Solar Powered Sign System Assembly WS	LUMP	LUMP			.
1181	SPV.0105 Special 8098. Control Of Water	LUMP	LUMP			.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1182	SPV.0105 Special 8099. Geotechnical Instrumentation	LUMP	LUMP			.
1183	SPV.0110 Special 4600. Timber Lagging **P**	63.000 MBM		.		.
1184	SPV.0135 Special 0001. Vibration Monitoring	455.000 MON		.		.
1185	SPV.0165 Special 4700. Longitudinal Grooving Bridge Deck **P**	612,753.000 SF		.		.
1186	SPV.0165 Special 4710. Wall Concrete Panel Mechanically Stabilized Earth LRFD/QMP **P**	213,181.000 SF		.		.
1187	SPV.0165 Special 4715. Mechanically Stabilized Earth Backfill Abutment	10,379.000 SF		.		.
1188	SPV.0165 Special 4720. Wall Concrete Panel Mechanically Stabilized Earth LRFD/LFCF **P**	14,816.000 SF		.		.
1189	SPV.0165 Special 4730. Wall Wire Faced Mechanically Stabilized Earth LRFD/QMP **P**	6,853.000 SF		.		.
1190	SPV.0165 Special 4740. Wall Modular Block Mechanically Stabilized Earth LRFD **P**	3,505.000 SF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1191	SPV.0165 Special 4750. Wall Concrete Panel With Traffic Barrier Mse LRFD/QMP **P**	28,809.000 SF		.		.
1192	SPV.0165 Special 4760. Wall Concrete Panel With Traffic Barrier Mse LRFD/LFCF **P**	3,581.000 SF		.		.
1193	SPV.0165 Special 4770. Temp Wall Wire Faced Mechanically Stabilized Earth LRFD/QMP **P**	11,937.000 SF		.		.
1194	SPV.0165 Special 4775. Temporary Shoring Railroad	3,810.000 SF		.		.
1195	SPV.0165 Special 4780. Geocomposite Drain Board	29,070.000 SF		.		.
1196	SPV.0165 Special 4785. Concrete Staining Previously Constructed Structure	622,565.000 SF		.		.
1197	SPV.0165 Special 4786. Concrete Staining Multi-Color Previously Constructed Structure	12,635.000 SF		.		.
1198	SPV.0165 Special 4790. Prestressed Precast Concrete Wall Panel **P**	14,147.000 SF		.		.
1199	SPV.0165 Special 4795. Structure Waterproofing Special	26,335.000 SF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1200	SPV.0165 Special 8095. Shaft Excavation Support System	9,290.000 SF		.		.
1201	SPV.0180 Special 0101. Joint Sealing	4,197.000 SY		.		.
1202	SPV.0180 Special 0102. Concrete Pavement Repair Special	92.000 SY		.		.
1203	SPV.0180 Special 0105. Concrete Pavement 12-Inch Special **P**	420,657.000 SY		.		.
1204	SPV.0180 Special 0106. Asphaltic Material Binder	24,763.000 SY		.		.
1205	SPV.0180 Special 0200. Topsoil Special	372,415.000 SY		.		.
1206	SPV.0180 Special 0800. Geogrid Reinforcement	15,000.000 SY		.		.
1207	SPV.0180 Special 0801. Soil Drying	1,012,100 SY		.		.
1208	SPV.0180 Special 4800. Slope Paving Crushed Aggregate Special	30,079.000 SY		.		.
1209	SPV.0195 Special 0100. Cold Patch	50.000 TON		.		.

CONTRACT: 20150929001
PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81
FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1210	SPV.0195 Special 0120. HMA Longitudinal Joint Repair	40.000 TON		.		.
1211	SPV.0195 Special 0700. Management Of Solid Waste	3,097.000 TON		.		.
1212	SPV.0195 Special 0801. Soil Drying Agent	20,300.000 TON		.		.
1334	630.0171 Seeding Mixture No. 70A	439.000 LB		.		.
	SECTION 0001 TOTAL					.

SECTION 0002 B-40-786 (Option A)
ALT GROUP AA1

1213	206.1000 Excavation for Structures Bridges (structure) 0001. B-40-786	LUMP	LUMP			.
1214	209.0100 Backfill Granular	24.000 CY		.		.
1215	502.0100 Concrete Masonry Bridges **P**	812.000 CY		.		.
1216	505.0405 Bar Steel Reinforcement HS Bridges	260,690.000 LB		.		.

CONTRACT: 20150929001
PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81
FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1217	505.0605 Bar Steel Reinforcement HS Coated Bridges	190,360.000 LB		.		.
1218	SPV.0060 Special 4150. Drilled Foundation Shaft Base Grouting	7.000 EACH		.		.
1219	SPV.0060 Special 4160. Tip Testing Drilled Foundation Shaft 98. 43-Inch	7.000 EACH		.		.
1220	SPV.0075 Special 4200. Obstructions Drilled Foundation Shaft	28.000 HRS		.		.
1221	SPV.0090 Special 4435. Drilled Foundation Shaft 98.43-Inch	523.000 LF		.		.
	SECTION 0002 TOTAL					.

SECTION 0003 B-40-786 (Option B)
ALT GROUP AA2

1222	206.1000 Excavation for Structures Bridges (structure) 0001. B-40-786	LUMP	LUMP			.
1223	209.0100 Backfill Granular	62.000 CY		.		.
1224	502.0100 Concrete Masonry Bridges **P**	1,211.000 CY		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1225	505.0405 Bar Steel Reinforcement HS Bridges	213,150.000 LB		.		.
1226	505.0605 Bar Steel Reinforcement HS Coated Bridges	208,610.000 LB		.		.
1227	511.1200 Temporary Shoring (structure) 0001. B-40-786	675.000 SF		.		.
1228	550.2168 Piling CIP Concrete 16 X 0.50-Inch	5,580.000 LF		.		.
1229	SPV.0060 Special 4110. Pile Dynamic Analyzer (PDA) Testing	6.000 EACH		.		.
1230	SPV.0060 Special 4115. Pile Dynamic Analyzer (PDA) Restrikes	6.000 EACH		.		.
1231	SPV.0060 Special 4116. Case Pile Wave Analysis Program (Cap/Wap) Evaluation	3.000 EACH		.		.
1232	SPV.0060 Special 4150. Drilled Foundation Shaft Base Grouting	4.000 EACH		.		.
1233	SPV.0060 Special 4160. Tip Testing Drilled Foundation Shaft 98. 43-Inch	4.000 EACH		.		.
1234	SPV.0075 Special 4200. Obstructions Drilled Foundation Shaft	16.000 HRS		.		.

CONTRACT: 20150929001
PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81
FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1235	SPV.0090 Special 4435. Drilled Foundation Shaft 98.43-Inch	311.000 LF	.		.	
	SECTION 0003 TOTAL				.	

SECTION 0004 B-40-853 (Option A)
ALT GROUP BB1

1236	206.1000 Excavation for Structures Bridges (structure) 0009. B-40-853	LUMP	LUMP			
1237	209.0100 Backfill Granular	40.000 CY	.		.	
1238	502.0100 Concrete Masonry Bridges **P**	428.000 CY	.		.	
1239	505.0405 Bar Steel Reinforcement HS Bridges	137,850.000 LB	.		.	
1240	505.0605 Bar Steel Reinforcement HS Coated Bridges	100,380.000 LB	.		.	
1241	505.0911 Bar Couplers No. 11	96.000 EACH	.		.	
1242	511.1200 Temporary Shoring (structure) 0011. B-40-853	2,740.000 SF	.		.	

CONTRACT: 20150929001
PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81
FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1243	SPV.0060 Special 4150. Drilled Foundation Shaft Base Grouting	5.000 EACH		.		.
1244	SPV.0060 Special 4160. Tip Testing Drilled Foundation Shaft 98. 43-Inch	5.000 EACH		.		.
1245	SPV.0075 Special 4200. Obstructions Drilled Foundation Shaft	20.000 HRS		.		.
1246	SPV.0090 Special 4435. Drilled Foundation Shaft 98.43-Inch	298.000 LF		.		.
	SECTION 0004 TOTAL					.

SECTION 0005 B-40-853 (Option B)
ALT GROUP BB2

1247	206.1000 Excavation for Structures Bridges (structure) 0009. B-40-853	LUMP	LUMP			.
1248	209.0100 Backfill Granular	40.000 CY		.		.
1249	502.0100 Concrete Masonry Bridges **P**	559.000 CY		.		.
1250	505.0405 Bar Steel Reinforcement HS Bridges	129,440.000 LB		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1251	505.0605 Bar Steel Reinforcement HS Coated Bridges	102,550.000 LB		.		.
1252	505.0911 Bar Couplers No. 11	96.000 EACH		.		.
1253	511.1200 Temporary Shoring (structure) 0011. B-40-853	2,740.000 SF		.		.
1254	550.2168 Piling CIP Concrete 16 X 0.50-Inch	1,650.000 LF		.		.
1255	SPV.0060 Special 4110. Pile Dynamic Analyzer (PDA) Testing	2.000 EACH		.		.
1256	SPV.0060 Special 4115. Pile Dynamic Analyzer (PDA) Restrikes	2.000 EACH		.		.
1257	SPV.0060 Special 4116. Case Pile Wave Analysis Program (Cap/Wap) Evaluation	1.000 EACH		.		.
1258	SPV.0060 Special 4150. Drilled Foundation Shaft Base Grouting	4.000 EACH		.		.
1259	SPV.0060 Special 4160. Tip Testing Drilled Foundation Shaft 98. 43-Inch	4.000 EACH		.		.
1260	SPV.0075 Special 4200. Obstructions Drilled Foundation Shaft	16.000 HRS		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1261	SPV.0090 Special 4435. Drilled Foundation Shaft 98.43-Inch	236.500 LF		.		.
	SECTION 0005 TOTAL					.

SECTION 0006 B-40-854 (Option A)
ALT GROUP CC1

1262	206.1000 Excavation for Structures Bridges (structure) 0010. B-40-854	LUMP	LUMP			.
1263	209.0100 Backfill Granular	250.000 CY		.		.
1264	502.0100 Concrete Masonry Bridges **P**	2,771.000 CY		.		.
1265	505.0405 Bar Steel Reinforcement HS Bridges	435,860.000 LB		.		.
1266	505.0605 Bar Steel Reinforcement HS Coated Bridges	755,100.000 LB		.		.
1267	505.0800.S Bar Steel Reinforcement HS Stainless Structures	1,430.000 LB		.		.
1268	505.0911 Bar Couplers No. 11	144.000 EACH		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1269	511.1200 Temporary Shoring (structure) 0012. B-40-854	3,240.000 SF		.		.
1270	612.0106 Pipe Underdrain 6-Inch	40.000 LF		.		.
1271	612.0206 Pipe Underdrain Unperforated 6-Inch	40.000 LF		.		.
1272	645.0111 Geotextile Fabric Type DF Schedule A	33.000 SY		.		.
1273	SPV.0060 Special 4150. Drilled Foundation Shaft Base Grouting	14.000 EACH		.		.
1274	SPV.0060 Special 4160. Tip Testing Drilled Foundation Shaft 98. 43-Inch	5.000 EACH		.		.
1275	SPV.0060 Special 4162. Tip Testing Drilled Foundation Shaft 118. 11-Inch	9.000 EACH		.		.
1276	SPV.0060 Special 4181. Bar Couplers No. 18	210.000 EACH		.		.
1277	SPV.0075 Special 4200. Obstructions Drilled Foundation Shaft	56.000 HRS		.		.
1278	SPV.0090 Special 4435. Drilled Foundation Shaft 98.43-Inch	364.000 LF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1279	SPV.0090 Special 4440. Drilled Foundation Shaft 118.11-Inch	525.000 LF		.		.
1280	SPV.0105 Special 4520. Trial Drilled Foundation Shaft 118.11-Inch	LUMP	LUMP			.
	SECTION 0006 TOTAL					.

SECTION 0007 B-40-854 (Option B)
ALT GROUP CC2

1281	206.1000 Excavation for Structures Bridges (structure) 0010. B-40-854	LUMP	LUMP			.
1282	209.0100 Backfill Granular	2,190.000 CY		.		.
1283	502.0100 Concrete Masonry Bridges **P**	3,938.000 CY		.		.
1284	505.0405 Bar Steel Reinforcement HS Bridges	377,110.000 LB		.		.
1285	505.0605 Bar Steel Reinforcement HS Coated Bridges	720,240.000 LB		.		.
1286	505.0800.S Bar Steel Reinforcement HS Stainless Structures	1,430.000 LB		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1287	505.0911 Bar Couplers No. 11	96.000 EACH		.		.
1288	511.1200 Temporary Shoring (structure) 0012. B-40-854	3,240.000 SF		.		.
1289	550.2168 Piling CIP Concrete 16 X 0.50-Inch	14,870.000 LF		.		.
1290	612.0106 Pipe Underdrain 6-Inch	40.000 LF		.		.
1291	612.0206 Pipe Underdrain Unperforated 6-Inch	40.000 LF		.		.
1292	645.0111 Geotextile Fabric Type DF Schedule A	33.000 SY		.		.
1293	SPV.0060 Special 4110. Pile Dynamic Analyzer (PDA) Testing	16.000 EACH		.		.
1294	SPV.0060 Special 4115. Pile Dynamic Analyzer (PDA) Restrikes	16.000 EACH		.		.
1295	SPV.0060 Special 4116. Case Pile Wave Analysis Program (Cap/Wap) Evaluation	8.000 EACH		.		.
1296	SPV.0060 Special 4150. Drilled Foundation Shaft Base Grouting	6.000 EACH		.		.

CONTRACT: 20150929001
PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81
FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1297	SPV.0060 Special 4160. Tip Testing Drilled Foundation Shaft 98.43-Inch	2.000 EACH		.		.
1298	SPV.0060 Special 4162. Tip Testing Drilled Foundation Shaft 118.11-Inch	4.000 EACH		.		.
1299	SPV.0060 Special 4181. Bar Couplers No. 18	70.000 EACH		.		.
1300	SPV.0075 Special 4200. Obstructions Drilled Foundation Shaft	24.000 HRS		.		.
1301	SPV.0090 Special 4435. Drilled Foundation Shaft 98.43-Inch	207.000 LF		.		.
1302	SPV.0090 Special 4440. Drilled Foundation Shaft 118.11-Inch	227.000 LF		.		.
1303	SPV.0105 Special 4520. Trial Drilled Foundation Shaft 118.11-Inch	LUMP	LUMP			.
	SECTION 0007 TOTAL					.

SECTION 0008 B-40-856 (Option A)
ALT GROUP DD1

1304	206.1000 Excavation for Structures Bridges (structure) 0011. B-40-856	LUMP	LUMP			.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1305	209.0100 Backfill Granular	73.000 CY		.		.
1306	502.0100 Concrete Masonry Bridges **P**	2,828.000 CY		.		.
1307	505.0405 Bar Steel Reinforcement HS Bridges	325,210.000 LB		.		.
1308	505.0605 Bar Steel Reinforcement HS Coated Bridges	675,740.000 LB		.		.
1309	511.1200 Temporary Shoring (structure) 0003. B-40-856	2,445.000 SF		.		.
1310	SPV.0060 Special 4150. Drilled Foundation Shaft Base Grouting	12.000 EACH		.		.
1311	SPV.0060 Special 4160. Tip Testing Drilled Foundation Shaft 98. 43-Inch	2.000 EACH		.		.
1312	SPV.0060 Special 4162. Tip Testing Drilled Foundation Shaft 118. 11-Inch	10.000 EACH		.		.
1313	SPV.0060 Special 4181. Bar Couplers No. 18	150.000 EACH		.		.
1314	SPV.0075 Special 4200. Obstructions Drilled Foundation Shaft	48.000 HRS		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1315	SPV.0090 Special 4435. Drilled Foundation Shaft 98.43-Inch	115.000 LF		.		.
1316	SPV.0090 Special 4440. Drilled Foundation Shaft 118.11-Inch	598.000 LF		.		.
	SECTION 0008 TOTAL					.

SECTION 0009 B-40-856 (Option B)
ALT GROUP DD2

1317	206.1000 Excavation for Structures Bridges (structure) 0011. B-40-856	LUMP	LUMP			.
1318	209.0100 Backfill Granular	133.000 CY		.		.
1319	502.0100 Concrete Masonry Bridges **P**	3,502.000 CY		.		.
1320	505.0405 Bar Steel Reinforcement HS Bridges	319,380.000 LB		.		.
1321	505.0605 Bar Steel Reinforcement HS Coated Bridges	649,700.000 LB		.		.
1322	511.1200 Temporary Shoring (structure) 0003. B-40-856	2,445.000 SF		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1323	550.2168 Piling CIP Concrete 16 X 0.50-Inch	7,980.000 LF		.		.
1324	SPV.0060 Special 4110. Pile Dynamic Analyzer (PDA) Testing	10.000 EACH		.		.
1325	SPV.0060 Special 4115. Pile Dynamic Analyzer (PDA) Restrikes	10.000 EACH		.		.
1326	SPV.0060 Special 4116. Case Pile Wave Analysis Program (Cap/Wap) Evaluation	5.000 EACH		.		.
1327	SPV.0060 Special 4150. Drilled Foundation Shaft Base Grouting	7.000 EACH		.		.
1328	SPV.0060 Special 4160. Tip Testing Drilled Foundation Shaft 98. 43-Inch	1.000 EACH		.		.
1329	SPV.0060 Special 4162. Tip Testing Drilled Foundation Shaft 118. 11-Inch	6.000 EACH		.		.
1330	SPV.0060 Special 4181. Bar Couplers No. 18	90.000 EACH		.		.
1331	SPV.0075 Special 4200. Obstructions Drilled Foundation Shaft	28.000 HRS		.		.

CONTRACT: 20150929001

PROJECT(S): 1060-33-81, 1060-34-82, 1060-43-81

FEDERAL ID(S): WISC 2015473, N/A, WISC 2015474

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1332	SPV.0090 Special 4435. Drilled Foundation Shaft 98.43-Inch	65.000 LF		.		.
1333	SPV.0090 Special 4440. Drilled Foundation Shaft 118.11-Inch	355.000 LF		.		.
	SECTION 0009 TOTAL					.
	TOTAL BID					.