



Wisconsin Department of Transportation

January 7, 2016

Division of Transportation Systems Development

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

NOTICE TO ALL CONTRACTORS:

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

Proposal #22: 4640-05-71, WISC 2016 038
Sheboygan Falls - Sheboygan
Prange Road – Taylor Drive
STH 28
Sheboygan County

Letting of January 12, 2016

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

Special Provisions

Revised Special Provisions	
Article No.	Description
3	Prosecution and Progress
4	Traffic
6	Utilities

Schedule of Items

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
204.0100	Removing Pavement	SY	17,520	9,260	26,780
204.0110	Removing Asphaltic Surface	SY	3,580	350	3,930
204.0120	Removing Asphaltic Surface Milling	SY	11,170	-350	10,820
211.0400	Preparing Foundation Asphaltic Shoulders	STA.	115	-66	49
305.0110	Base Aggregate Dense ¾-Inch	TONS	1,083	-80	1,003
305.0120	Base Aggregate Dense 1¼-Inch	TONS	17,152	100	17,252
455.0105	Asphaltic Material PG58-28	TONS	190	-27	163
455.0605	Tack Coat	GAL	1,622	-965	657
460.1103	HMA Pavement Type E-3	TONS	2,489	-486	2,003
465.0125	Asphaltic Surface Temporary	TONS	534	485	1,019
627.0200	Mulching	SY	16,531	4,129	20,660
628.2004	Erosion Mat Class I Type B	SY	3,651	914	4,565
628.2006	Erosion Mat Urban Class I Type A	SY	3,954	991	4,945
628.2008	Erosion Mat Urban Class I Type B	SY	718	182	900
628.2023	Erosion Mat Class II Type B	SY	336	84	420
630.0120	Seeding Mixture NO. 20	LB	28	225	253
630.0130	Seeding Mixture NO. 30	LB	47	142	189

630.0140	Seeding Mixture NO. 40	LB	30	89	119
634.0612	Posts Wood 4x6x12	EACH	14	2	16
637.2210	Signs Type II Reflective H	SF	1,392.63	7	1,399.63
650.4500	Construction Staking Subgrade	LF	13,229	-5,763	7,466
650.7000	Construction Staking Concrete Pavement	LF	6,876	-138	6,738
650.9920	Construction Staking Slope Stakes	LF	13,229	-5,763	7,466
690.0150	Sawing Asphalt	LF	172	1,055	1,227

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
416.1715	Concrete Pavement Repair SHES	SY	0	48	48
630.0200	Seeding Temporary	LB	0	610	610
647.0256	Symbols Epoxy	EACH	0	2	2

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
211.0500	Prepare Foundation for Base Aggregate	STA	61	0	0
305.0500	Shaping Shoulders	STA	40	0	0
647.0716	Pavement Marking Diagonal Epoxy 8-Inch	LF	363	0	0
647.0736	Pavement Marking Diagonal Epoxy 18-Inch	LF	574	0	0

Plan Sheets

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
2	General Notes (Added note regarding existing concrete pavement)
4	Typical Section (Added Note)
12	Typical Section (Revised note)
13	Typical Section (Added note regarding right turn lane)
21	Typical Section (Revised note regarding asphalt layers)
22	Typical Section (Revised note regarding asphalt layers)
30-33	Removal Plans (Revised note regarding asphaltic pavement removal)
59-65	Storm Sewer Plans (Revised elevations from bottom of pipe to flow line of pipe)
66-68	Overhead Sign Details (Updated structure number)
76, 79-80	Signing Plan (Updated structure number)
104	Pavement Marking Plan (Added signs and symbols to Park & Ride lot)
194,232	Traffic Control Overviews (updated staging notes)
323-325,327-336, 339, 343, 361-363	Miscellaneous Quantities (Updated quantities)
484	Fixed Message Signing (Updated sign references)

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

4640-05-71

January 7, 2016

Special Provisions

3. Prosecution and Progress

Add the following paragraph at the end of the article:

The park and ride along CTH A may be closed for a maximum of 5 consecutive calendar days during any stage to complete all improvements proposed to it according to the plan. The park and ride shall remain entirely open to public use for the rest of the contract duration, and shall not be used for any construction operations, including, but not limited to equipment storage, material processing, or ingress/egress to any construction operations.

4. Traffic.

*Replace paragraph four under section titled **Stage 1A:** with the following:*

At the northbound ramp terminal intersection: The eastside lane will be open to traffic during the construction of the temporary asphalt on the west side.

*Replace paragraph four under section titled **Stage 1C:** with the following:*

At the northbound ramp terminal intersection: The west side lane of the IH 43 northbound on ramp will be reconstructed. One lane of traffic will be on the east side of the ramp. The on ramp will be closed from 6:00 pm – 6:00 am for a maximum of two nights to complete the mill and overlay of the northern segment of the ramp.

6. Utilities

Replace entire article language with the following:

This contract comes under the provision of Administrative Rule Trans 220.
107-065 (20080501)

There are underground and overhead facilities located within the project limits. There are known utility adjustments required for the construction project as noted below. Coordinate construction activities with Diggers Hotline and contact the utilities, which have facilities in the area as required per statutes. Use caution to ensure the integrity of underground facilities and maintain code clearances from overhead facilities at all times.

Bidders are advised to contact each utility company listed in the plans, prior to preparing their bids, to obtain current information on the status of any utility relocation work stated herein.

Alliant Energy (electricity) - has underground facilities within the project limits.

Alliant Energy will bore a new cable crossing at station 302+82, RT.

Alliant Energy anticipates a start date of February 1, 2016 with an estimated 5 working days for relocation.

The field contact for this project is: Joe Kochan, (920) 459-6331, joekochan@alliantenergy.com.

AT&T Wisconsin (communication line) - has underground facilities within the project limits.

AT&T Wisconsin will complete the following relocations:

Relocate existing cables and associated pedestal from station 286+75 to station 289+25, LT.

Existing cables are located from station 277+75, RT to the west right-of-way of CTH A where the cable turns south along the west right-of-way line to beyond the project limits. The cable was installed in 2014 and is not shown on the plan. These cables will be relocated from station 279+20 to station 282+25, RT.

Relocate existing cable and pedestal at station 13+00, RT.

Relocate existing cable from station 305+00 to station 306+00, LT.

Relocate existing cables and associated pedestal from station 304+50 to station 306+50, RT

AT&T Wisconsin anticipates a start date of March 1, 2016 with an estimated 20 working days for relocation.

The field contact for this project is: Chuck Bartelt, (920) 929-1013, cb1461@att.com.

ATC Management, Inc. (electricity) - has overhead facilities within the project limits. No conflicts are anticipated.

Unobstructed access to ATC lines and structures must be maintained at all times. Any excavation within 20-feet of the face of any ATC structure will require a pole hold. A pole hold will be required at station 303+05, 60-feet LT. Contact Chris Dailey 5 days in advance of needing a pole hold at (262) 506-6884.

The field contact for this project is: Mike Olsen, (920) 338-6582, molsen@atcllc.com.

Charter Communications (communication line) - has underground facilities within the project limits east of Taylor Drive. No conflicts are anticipated.

The field contact for this project is: Tom Harycki, (262) 429-1235 ext. 20702, tom.harycki@charter.com.

City of Sheboygan (sewer) - has underground facilities within the project limits. No conflicts are anticipated.

The field contact for this project is: Ryan Sazama, (920) 459-3394, rsazama@ci.sheboygan.wi.us.

Kohler Municipal Water Utility (water) - has underground facilities within the project limits. No conflicts are anticipated.

The field contact for this project is: Brett Edgerle, (920) 459-3881, bedgerle@kohlervillage.org.

Qwest Communications (communication line) - has facilities within the IH 43 right-of-way. No conflicts are anticipated.

The field contact for this project is: Lamar Lampkins, (414) 416-5191.

Sheboygan Falls Utilities (electricity) - has overhead facilities within the project limits. No conflicts are anticipated.

This electric facility is an underbuild on the ATC transmission line poles on the south side of STH 28 from the west project limits to station 249+22, RT.

The field contact for this project is: Joel Tauschek, (920) 467-5900 ext. 3, joel@shebfalls.com.

Sheboygan Falls Utilities (sewer) - has underground facilities within the project limits.

Sheboygan Falls Utilities will install approximately 40-feet of new 16-inch forced main from station 284+70 to station 285+09, LT.

Sheboygan Falls Utilities will relocate this facility during construction. Contact Jerry Benzschawel at least 2-days prior to removing the westbound pavement to coordinate an action plan for the relocation. It will take approximately 2-days for the relocation.

The field contact for this project is: Jerry Benzschawel, (920) 467-7901 ext. 301, jbenzschawel@shebfallsdpw.com.

Sheboygan Falls Utilities (water) - has underground facilities within the project limits. No conflicts are anticipated.

The field contact for this project is: Jerry Benzschawel, (920) 467-7901 ext. 301, jbenzschawel@shebfallsdpw.com.

Sheboygan Water Utility (water) - has underground facilities within the project limits. No conflicts are anticipated.

The field contact for this project is: Rich Dale, (920) 459-3839, richdale@sheboyganwater.org.

Time Warner Cable (communication) - has underground facilities within the project limits.

Time Warner Cable will relocate an existing fiber optic cable at station 289+50, LT. The cable will be relocated prior to the start of construction.

The field contact for this project is: Steve Cramer, (414) 277-4045, steve.cramer@twcable.com.

Town of Wilson Sanitary District No. 1 (sewer) - has underground facilities within the project limits. No conflicts are anticipated.

The field contact for this project is: Tom Sanville, (920) 475-6554, tsanville@charter.net.

Town of Wilson Sanitary District No. 2 (sewer) - has underground facilities within the project limits. No conflicts are anticipated.

The field contact for this project is: Tom Sanville, (920) 475-6554, tsanville@charter.net.

Village of Kohler (sewer) - has underground facilities within the project limits. No conflicts are anticipated.

The field contact for this project is: Brett Edgerle, (920) 459-3881, bedgerle@kohlervillage.org.

Wisconsin Public Service Corporation (gas) - has underground facilities within the project limits.

Wisconsin Public Service Corporation will complete the following relocations:

Bore a new 4-inch gas main from station 288+00 to station 293+50, RT. The depth of the facility at station 292+00 will be 9.5-feet.

Bore a new 8-inch gas main crossing at station 13+30.

Bore a new 8-inch gas main crossing at station 304+60.

Wisconsin Public Service Corporation anticipates a start date of April 1, 2016 with an estimated 30 working days for relocation. Contractor shall coordinate with Wisconsin Public Service on borings at 13+30 and 304+60 to ensure stage one work is not delayed. Main from 288+00 to 293+50 RT will not interfere with stage one work.

The field contact for this project is: Mike Lowther, (920) 451-3743,
mllowther@wisconsinpublicservice.com.

Schedule of Items

Attached, dated January 7, 2016, are the revised Schedule of Items Pages 1 – 26.

Plan Sheets

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

Revised: 2, 4, 12-13, 21-22, 30-33, 59-68, 76, 79-80, 104, 194, 232, 323-325, 327-336, 339, 343, 361-363, 484

END OF ADDENDUM

UTILITY CONTACTS

A.T. & T. WISCONSIN
MS. USA SUPREMACY
70 E. DIVISION STREET
FOND DU LAC, WI 53095
PHONE 920.202.0692
MOBILE 920.202.0692
AD5647@ATT.COM

CITY OF SHEBOYGAN
MR. RYAN SAZAMA
833 CENTER AVENUE
SHEBOYGAN, WI 53081
RSAZAMA@CITYOF SHEBOYGAN.WI.US

SHEBOYGAN FALLS UTILITIES
MR. JOEL TAUSCHER
801 ONEFFIE STREET
P.O. BOX 185
SHEBOYGAN FALLS, WI 53085
PHONE 920.467.7500
JTAUSCHER@SHEBOYGAN.FALLS.WI.US

QWEST COMMUNICATIONS
MR. JERRY BENZSCHAWEL
2800 W. BUCKLELAND DRIVE
NASHOTAH, WI 53085
PHONE 920.467.7500
MOBILE 920.960.6003

TOWN OF WILSON
SANITARY DISTRICT NO. 1 & 2
MS. GEORGE LUBACH
5335 SOUTH BUSINESS DRIVE
P.O. BOX 2380
CLERK@TOWNWILSON.COM

WISCONSIN POWER AND LIGHT COMPANY
MR. JASON HOGAN
4902 N. BILTHORE LANE, SUITE 1000
77 PARK AVENUE
SHEBOYGAN, WI 53081
PHONE 920.459.3839
RICHARLES@SHEBOYGANWATER.ORG

SHEBOYGAN WATER UTILITY
MR. BUSH DALE
77 PARK AVENUE
SHEBOYGAN, WI 53081
PHONE 920.459.3839
RICHARLES@SHEBOYGANWATER.ORG

WISCONSIN DEPARTMENT OF TRANSPORTATION
MR. RANDY ASMAN
2880 SHAWANO AVENUE
GREEN BAY, WI 53024
PHONE 920.492.7719
RANDY.ASMAN@DOT.WI.GOV

CHARTER COMMUNICATIONS
MR. TOM HARYCYK
2312 CONTINENTAL DRIVE
WESTBEND, WI 53095

OTHER CONTACTS

DISTRICT DNR AREA LIAISON
WISCONSIN DEPARTMENT OF NATURAL RESOURCES
MR. JAY SCHEFFELBEN
2880 SHAWANO AVENUE
GREEN BAY, WI 53024
PHONE 920.860.3764

SHEBOYGAN COUNTY SURVEYOR
MR. ED HARYCYK
1211 N. 23RD
SHEBOYGAN, WI 53081
PHONE 920.459.3826

DESIGNER CONTACT
MR. SCOTT STEVENSON, PE
AECOM
1555 N. RIVERCENTER DRIVE, SUITE 214
PILMUNGEN, WI 53220
SCOTT.STEVENSON@AECOM.COM

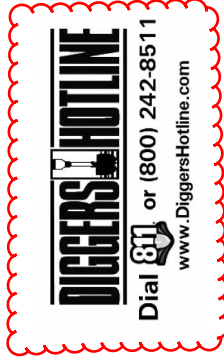
GENERAL NOTES

1. THE LOCATION OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.
2. NOTIFY DIGGERS HOTLINE AND AFFECTED UTILITIES PRIOR TO THE START OF WORK.
3. ADJUST TRAFFIC CONTROL DEVICES TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
4. NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.
5. EROSION CONTROL ITEMS SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE ENGINEER MAY MODIFY LOCATIONS AS NEEDED. CROSS SECTIONS SHOWN INCLUDE THE THICKNESS OF TOPSOIL OR SALVAGED TOPSOIL WHERE REQUIRED.
6. INLET AND DISCHARGE ELEVATIONS FOR DRAINAGE STRUCTURES SHOWN ON THE PLAN MAY BE ADJUSTED BY THE ENGINEER TO FIT FIELD CONDITIONS.
7. RADII, ELEVATIONS, AND DIMENSIONS ARE GIVEN TO THE FLANGE LINE OR PAVEMENT EDGE UNLESS OTHERWISE NOTED IN THE PLANS.
8. RESTORE DISTURBED AREAS WITHIN THE RIGHT OF WAY BY DIRECTION OF THE ENGINEER WITH THE FOLLOWING FINISH ITEMS: TOPSOIL, SOO LAMN AND FERTILIZER, OR TOPSOIL, SEED, FERTILIZER, AND MULCH. APPLY FINISHING ITEMS ON DISTURBED AREAS WITHIN 5 WORKING DAYS AFTER COMPLETION OF CONSTRUCTION.
9. ANY MESH MATERIAL THAT IS FOUND IN EXISTING PAVEMENT WILL BE INCIDENTAL TO THE REMOVAL OF THE PAVEMENT ITEM IN THAT SECTION. EXISTING PAVEMENT DEPTHS ARE BASED ON AS-BUILT DATA AND MAY VARY IN THE FIELD.

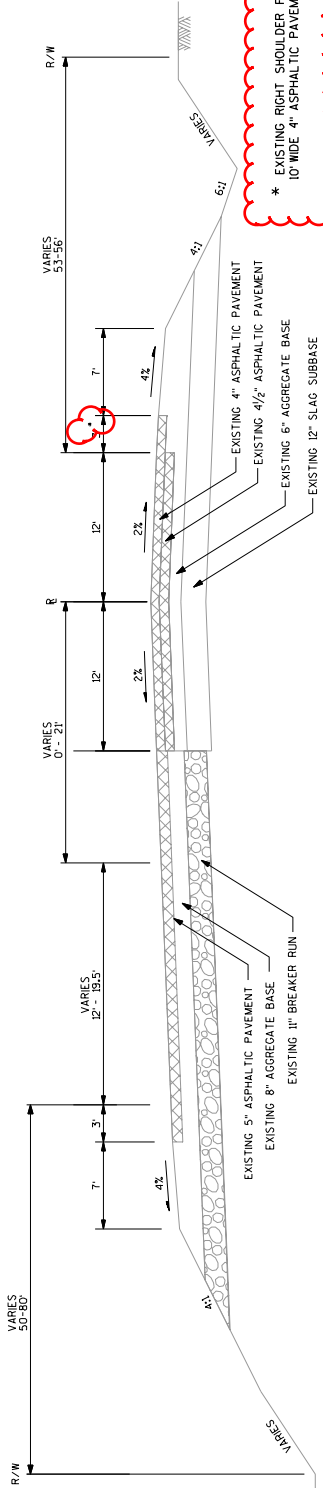
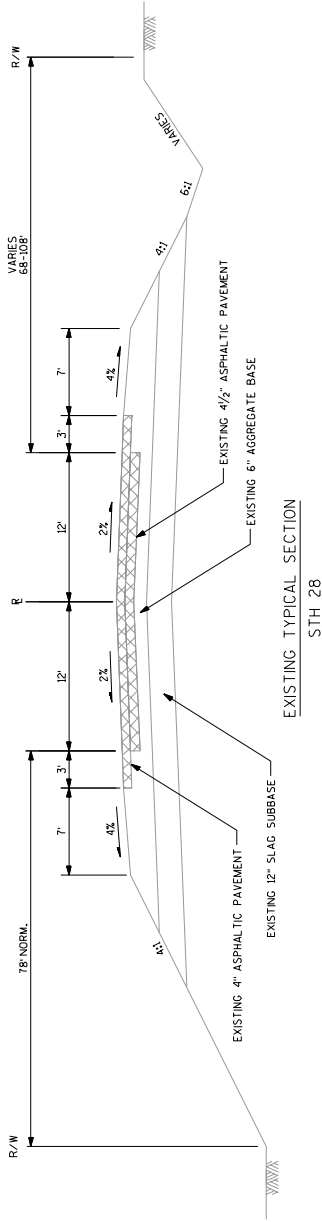
Addendum No. 01
ID 4640-05-71
Revised Sheet 2
January 7, 2016

DETAIL SHEET INDEX

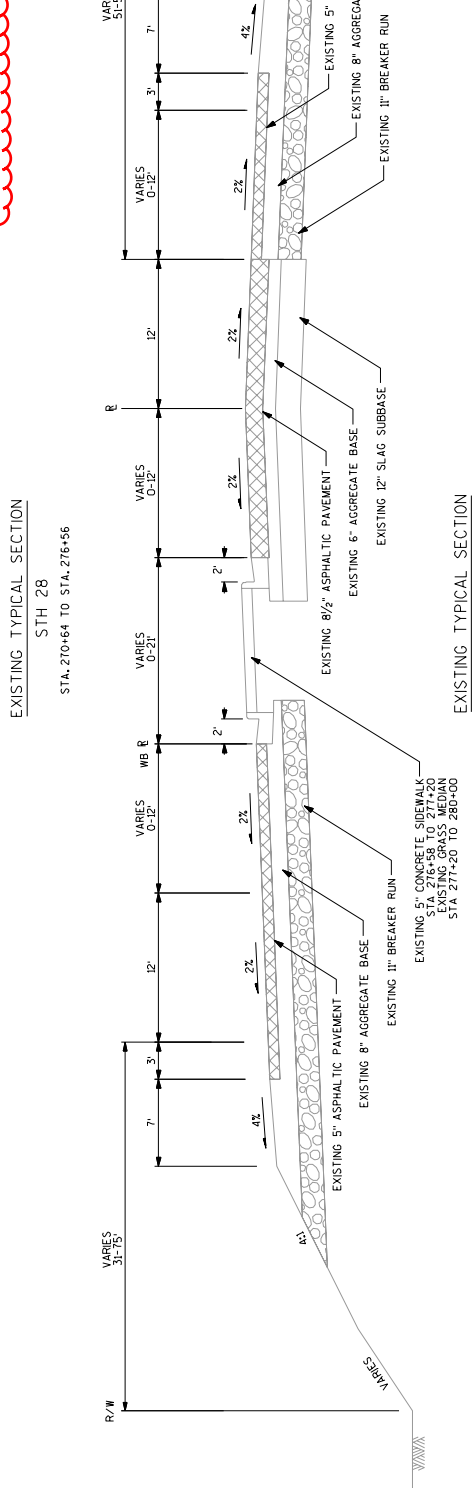
- GENERAL NOTES
- PROJECT OVERVIEW
- TYPICAL SECTIONS
- CONSTRUCTION DETAILS
- REMOVAL PLANS
- PAVING DETAILS
- EROSION CONTROL
- PERMANENT SIGNING
- PAVEMENT MARKING PLANS
- TRAFFIC CONTROL
- ALIGNMENT PLAN



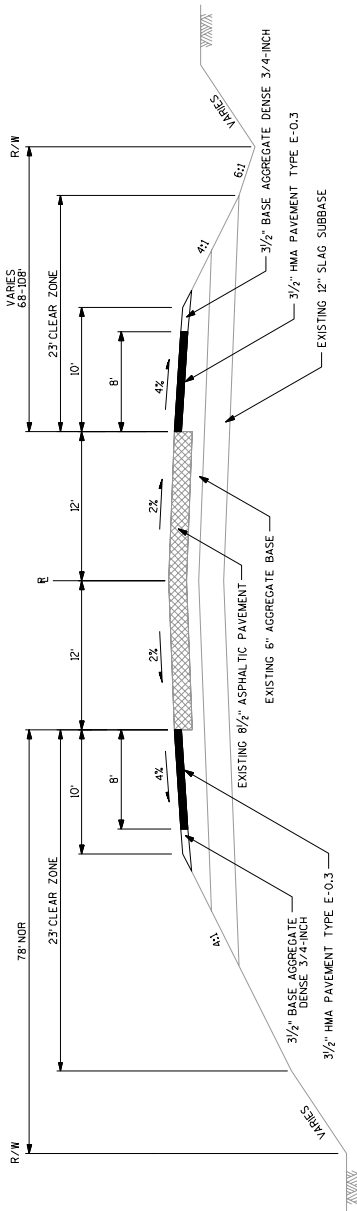
Addendum No. 01
ID 4640-05-71
Revised Sheet 4
January 7, 2016



* EXISTING RIGHT SHOULDER FROM STA. 270+64 TO STA. 272+14
10' WIDE 4" ASPHALTIC PAVEMENT WITH BEAM GUARD



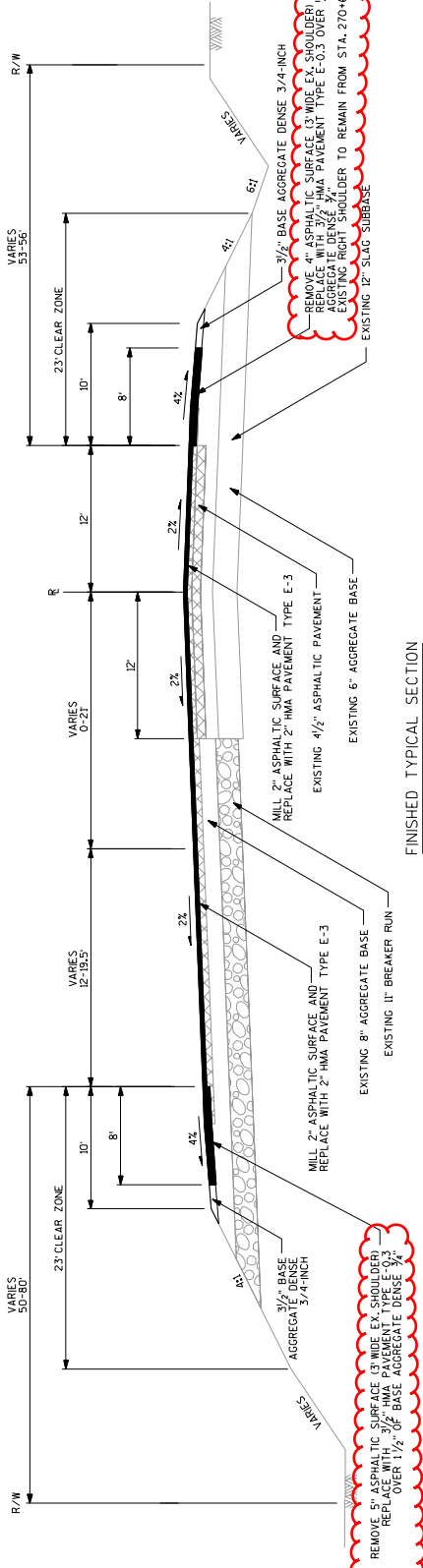
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FINISHED TYPICAL SECTION

STH 28
 STA. 244+94 TO STA. 258+77 LT
 STA. 245+77 TO STA. 258+63 RT
 STA. 268+39 TO STA. 270+64 LT

Addendum No. 01
 ID 4640-05-71
 Revised Sheet 12
 January 7, 2016

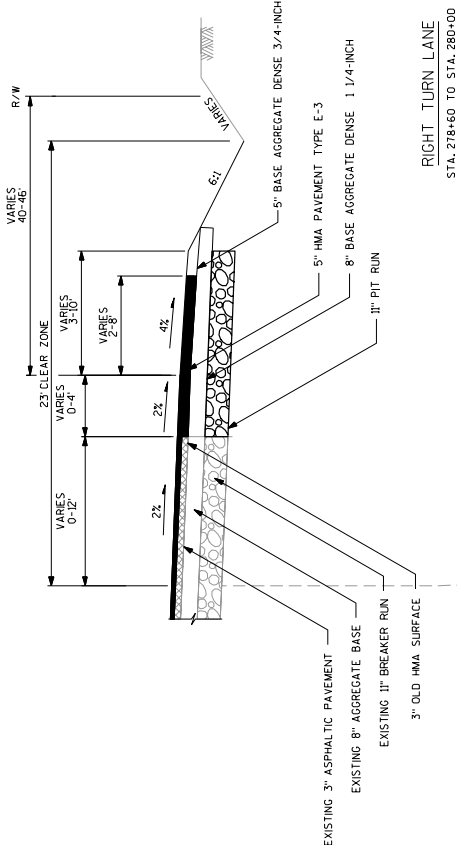


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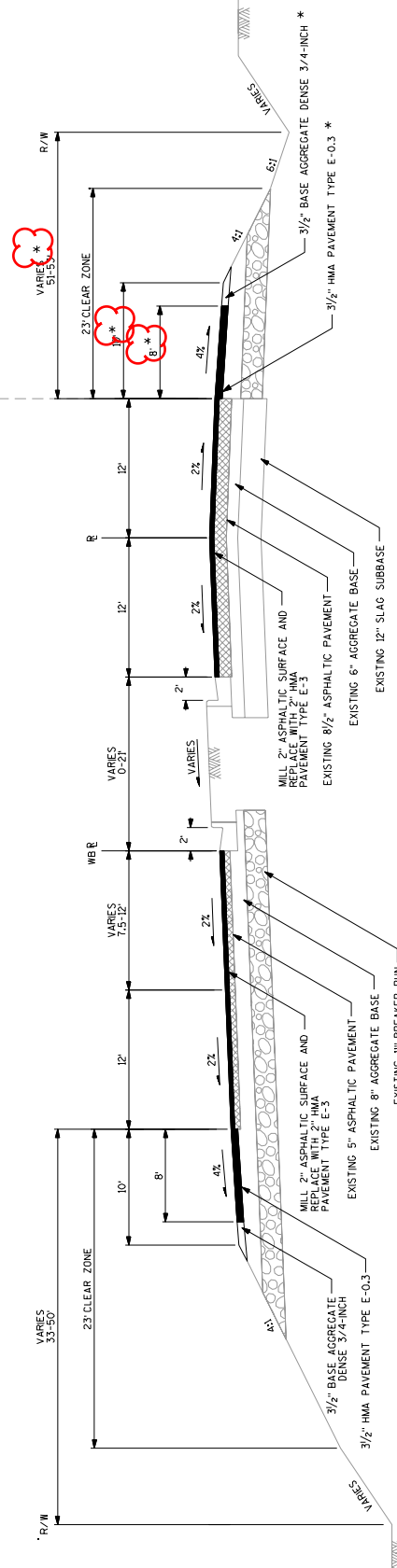
STH 28
 STA. 270+64 TO STA. 276+58 LT & RT

NOTES:
 2" HMA PAVEMENT TYPE E-3 SHALL BE CONSTRUCTED IN ONE (1) LAYER.
 ASPHALTIC MATERIAL FOR PLANT MIXES SHALL BE PG-58-28.
 3/2" HMA PAVEMENT TYPE E-0.3 SHOULDERS SHALL BE CONSTRUCTED IN ONE (1) LAYER.
 ASPHALTIC MATERIAL FOR PLANT MIXES SHALL BE PG-58-28.

Addendum No. 01
ID 4640-05-71
Revised Sheet 13
January 7, 2016



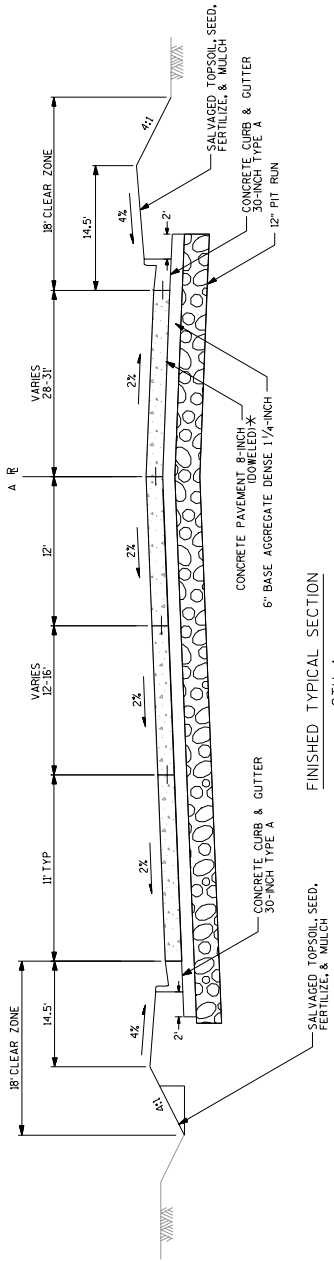
RIGHT TURN LANE
STA. 278+60 TO STA. 280+00



FINISHED TYPICAL SECTION
S 28
STA. 278+58 TO STA. 280+00

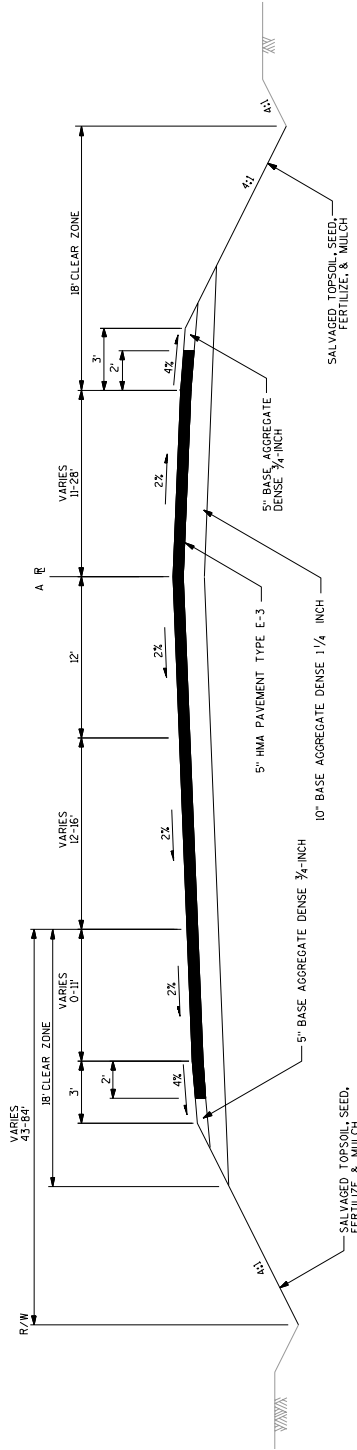
NOTES:
 5" HMA PAVEMENT TYPE E-3 SHALL BE CONSTRUCTED IN TWO (2) LAYERS. THE LOWER LAYER SHALL BE 3/4 INCHES, AND THE UPPER LAYER SHALL BE 1 1/4 INCHES. ASPHALTIC MATERIAL FOR PLANT MIXES SHALL BE PG-58-28.
 3 1/2" HMA PAVEMENT TYPE E-0.3 SHOULDERS SHALL BE CONSTRUCTED IN ONE (1) LAYER. ASPHALTIC MATERIAL FOR PLANT MIXES SHALL BE PG-58-28.

* EXISTING RIGHT TURN LANE STA. 278+60 TO STA. 280+00
 SEE DETAIL ABOVE



FINISHED TYPICAL SECTION
CTH A

STA. 246A+34 TO STA. 247A+31



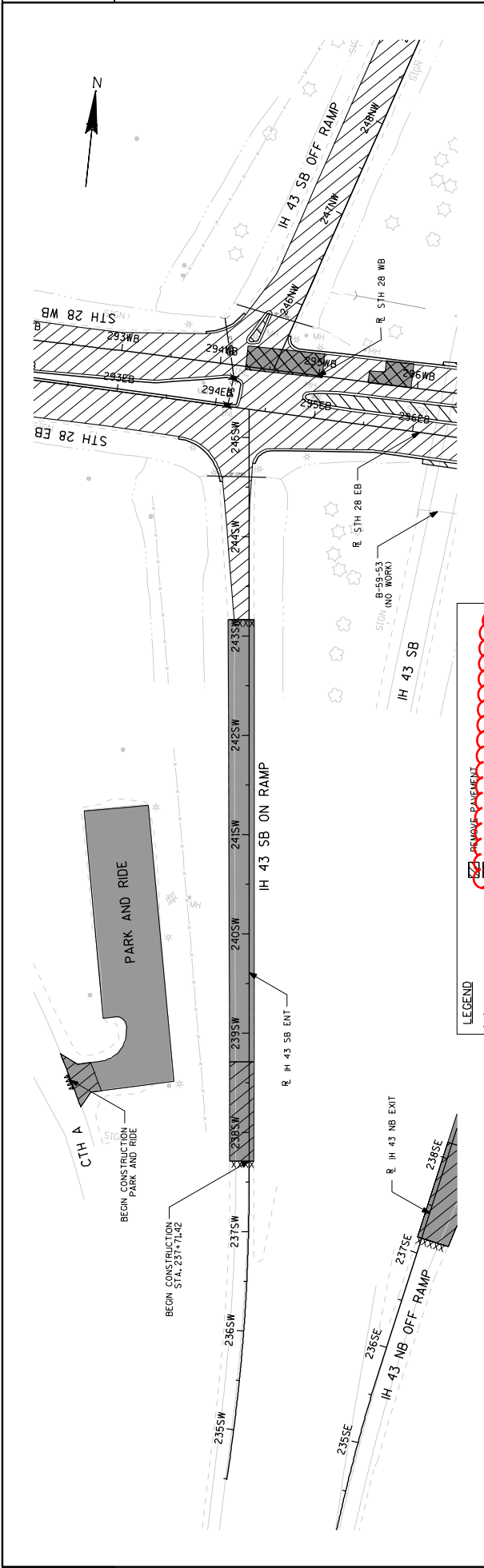
FINISHED TYPICAL SECTION
CTH A

STA. 247A+31 TO STA. 247A+74

Addendum No. 01
ID 4640-05-71
Revised Sheet 22
January 7, 2016

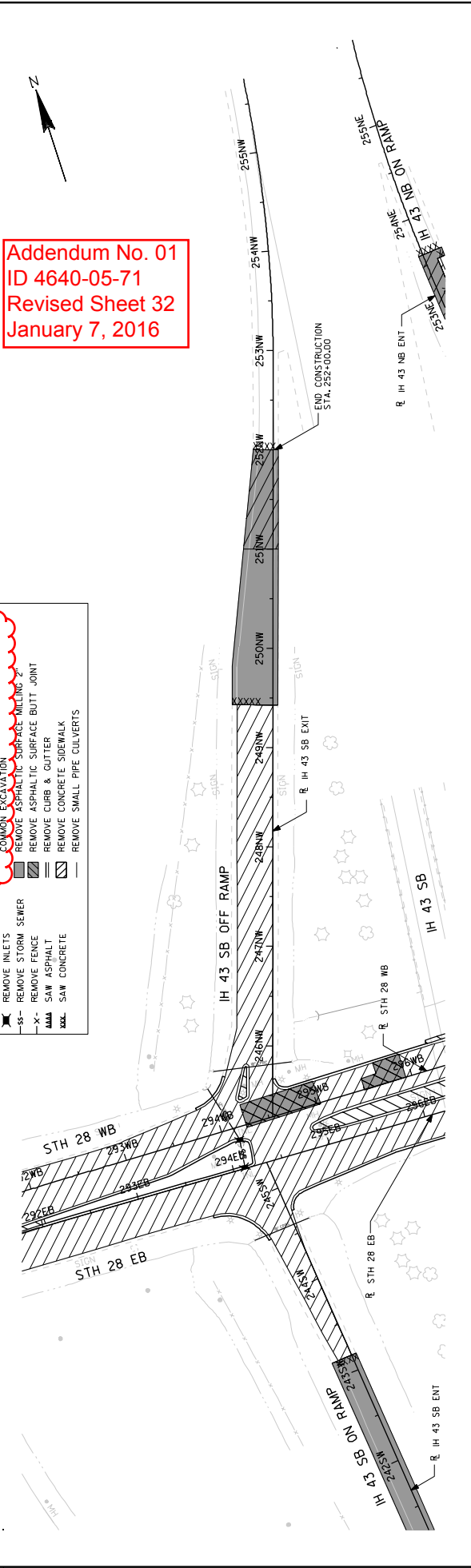
NOTES:
5" HMA PAVEMENT TYPE E-3 SHALL BE CONSTRUCTED IN TWO (2) LAYERS.
THE LOWER LAYER SHALL BE 3.25-INCHES AND THE UPPER LAYER SHALL
BE 1.75-INCHES.
SPALL TIC MATERIAL FOR PLANT MIXES SHALL BE PG-58-28.
(*) CONCRETE SURFACE SHALL BE TINED.

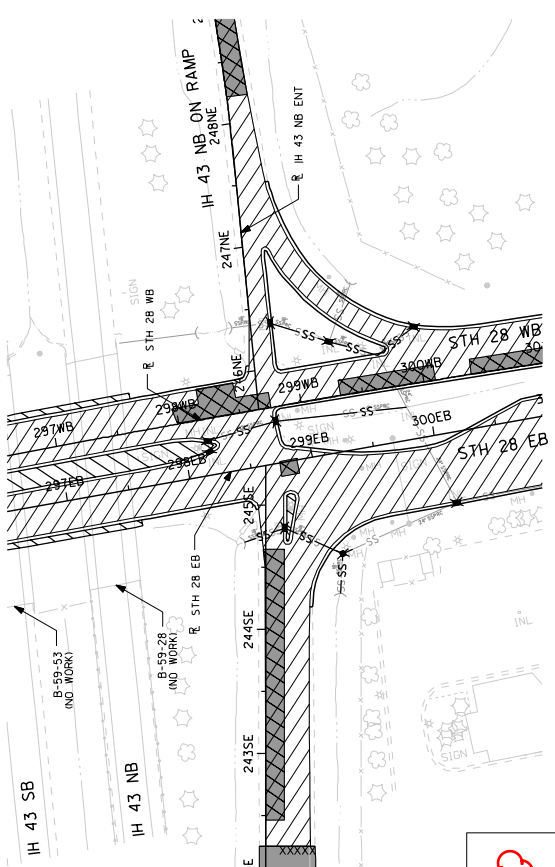
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WISDOT/CADD SHEET 42					



Addendum No. 01
 ID 4640-05-71
 Revised Sheet 32
 January 7, 2016

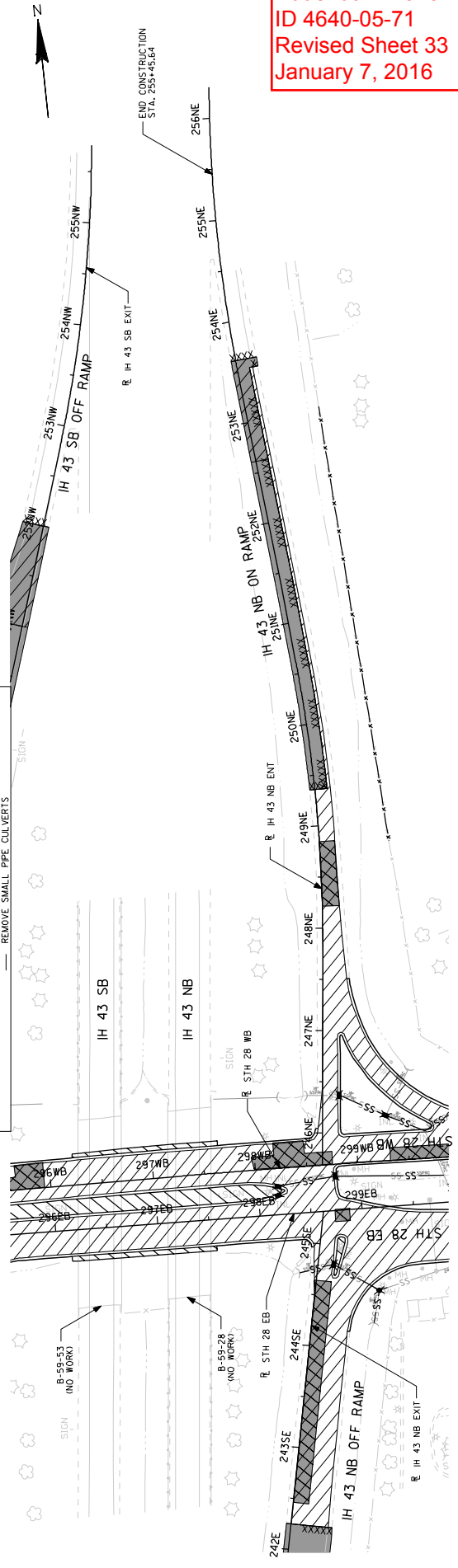
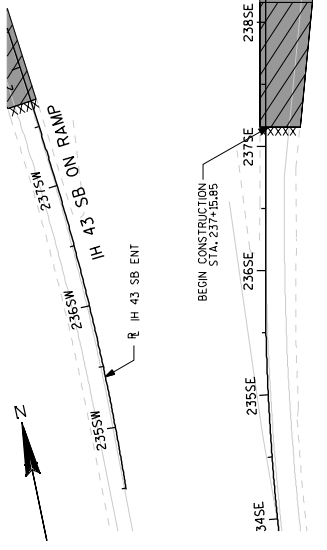
LEGEND	
	REMOVE MANHOLES
	REMOVE INLETS
	REMOVE STORM SEWER
	REMOVE FENCE
	REMOVE ASPHALT
	SAW CONCRETE
	REMOVE PAVEMENT
	REMOVAL OF ASPHALTIC PAVEMENT
	SURFACE EXCAVATION
	REMOVE ASPHALTIC SURFACE MILLING
	REMOVE ASPHALTIC SURFACE BUTT JOINT
	REMOVE CURB & GUTTER
	REMOVE CONCRETE SIDEWALK
	REMOVE SMALL PIPE CULVERTS



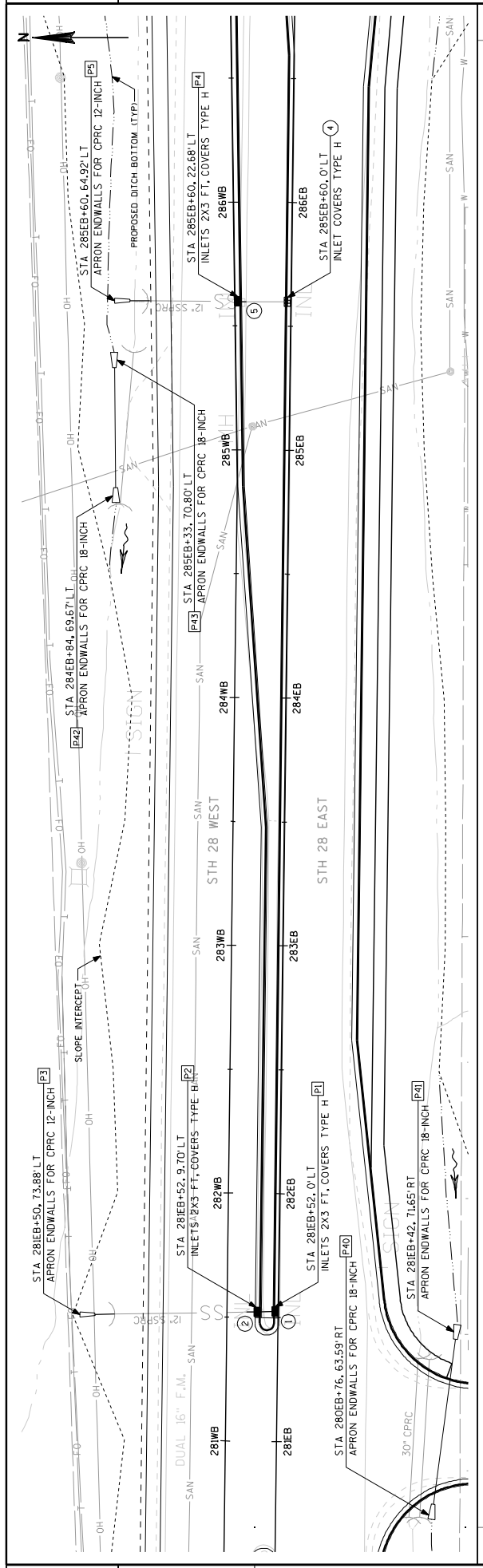


LEGEND

- REMOVE MANHOLES
- REMOVE INLETS
- REMOVE STORM SEWER
- REMOVE FENCE
- SAW ASPHALT
- SAW CONCRETE
- REMOVAL OF ASPHALTIC PAVEMENT PAID UNDER
- COMMON EXCAVATION
- REMOVE ASPHALTIC SURFACE MILLING 2"
- REMOVE ASPHALTIC SURFACE BUTT JOINT
- REMOVE CURB & GUTTER
- REMOVE CONCRETE SIDEWALK
- REMOVE SMALL PIPE CULVERTS



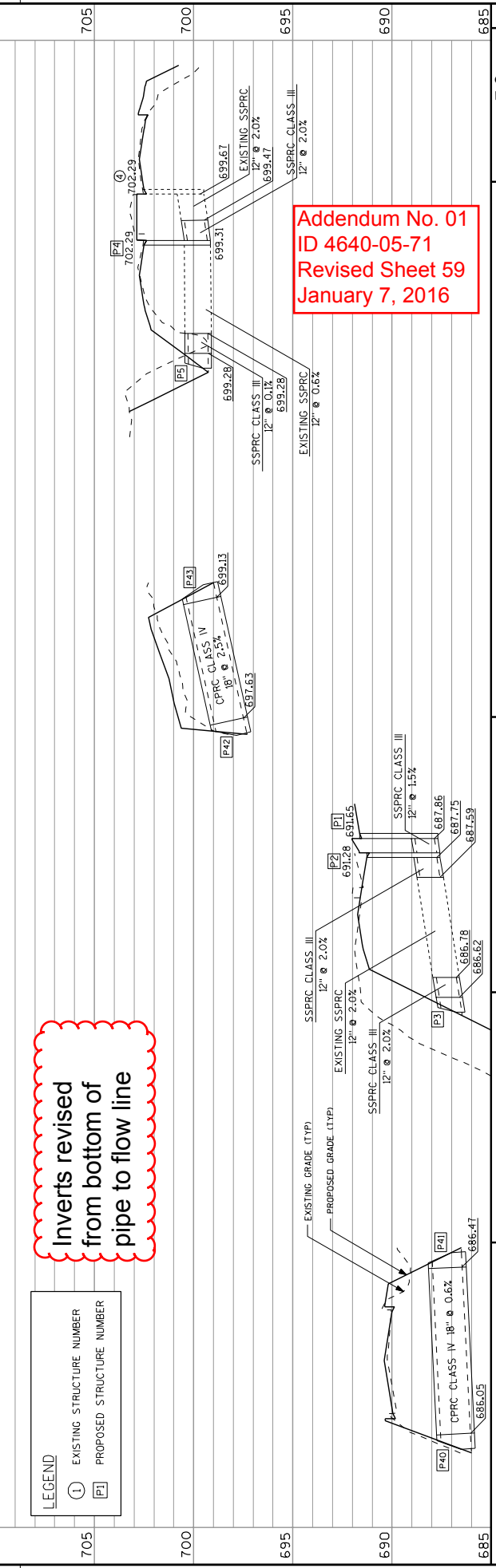
Addendum No. 01
 ID 4640-05-71
 Revised Sheet 33
 January 7, 2016



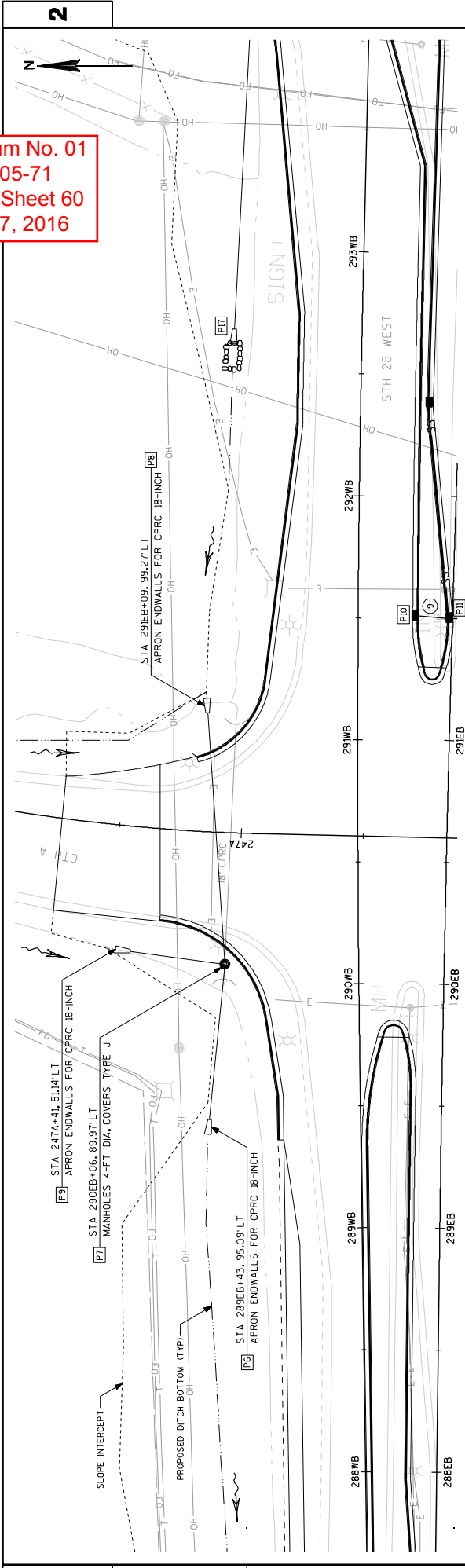
LEGEND

- (1) EXISTING STRUCTURE NUMBER
- (P1) PROPOSED STRUCTURE NUMBER

Inverts revised from bottom of pipe to flow line



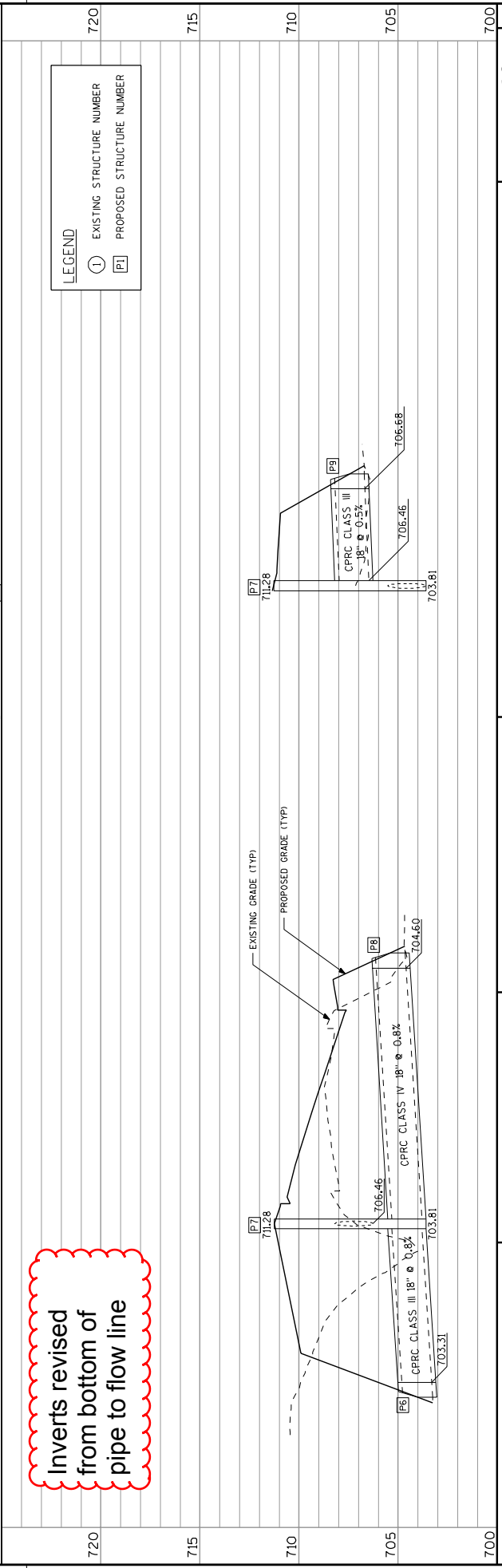
Addendum No. 01
 ID 4640-05-71
 Revised Sheet 60
 January 7, 2016



Inverts revised
 from bottom of
 pipe to flow line

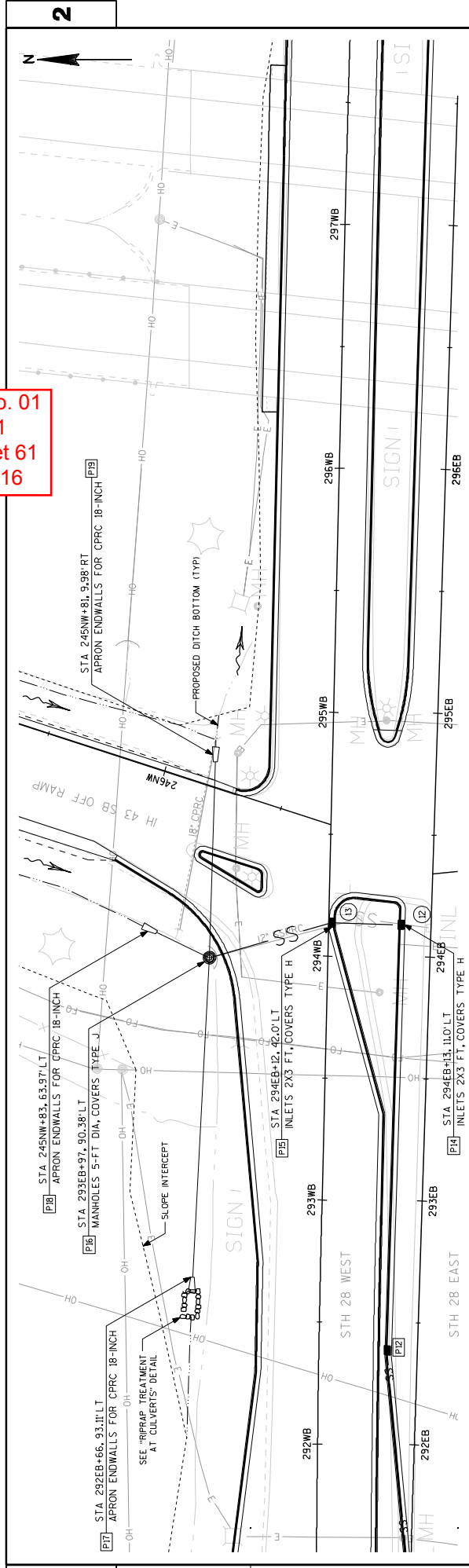
LEGEND

- ① EXISTING STRUCTURE NUMBER
- P1 PROPOSED STRUCTURE NUMBER

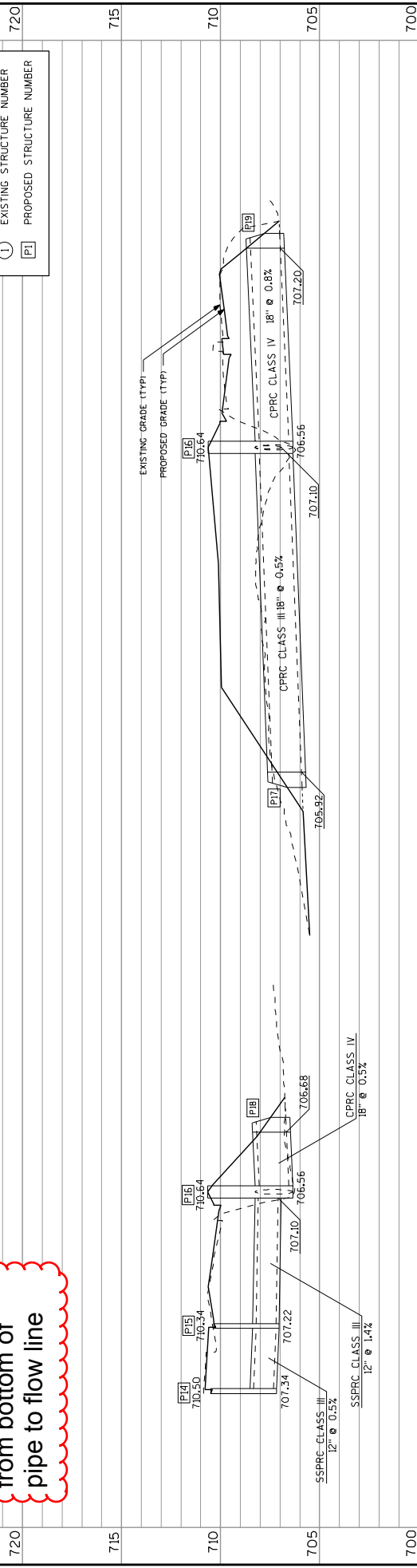
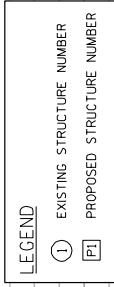


PROJECT NUMBER: 4640-05-71	HWY: STH 28	COUNTY: SHEBOYGAN	STORM SEWER	SHEET 60	E
<small> FILE NAME: L:\WORK\108738\Trans\STH 28\CADD\Sheet\02590_30.dgn BATCH PRINT SHEET PRINTER DRIVER: C:\Users\131000000\Worktop\Cadd\CADD_Sheet\ET_PDF.plt x 17.plt PEN TABLE: C:\Users\131000000\Worktop\CADD_Misc001.tbl </small>			<small> PLOT DATE: 12/21/2015 PLOT TIME: 10:55:54 AM PLOT SCALE: 1/8" = 1' </small>	<small> WISDOT/CADD'S SHEET 41 </small>	

Addendum No. 01
 ID 4640-05-71
 Revised Sheet 61
 January 7, 2016

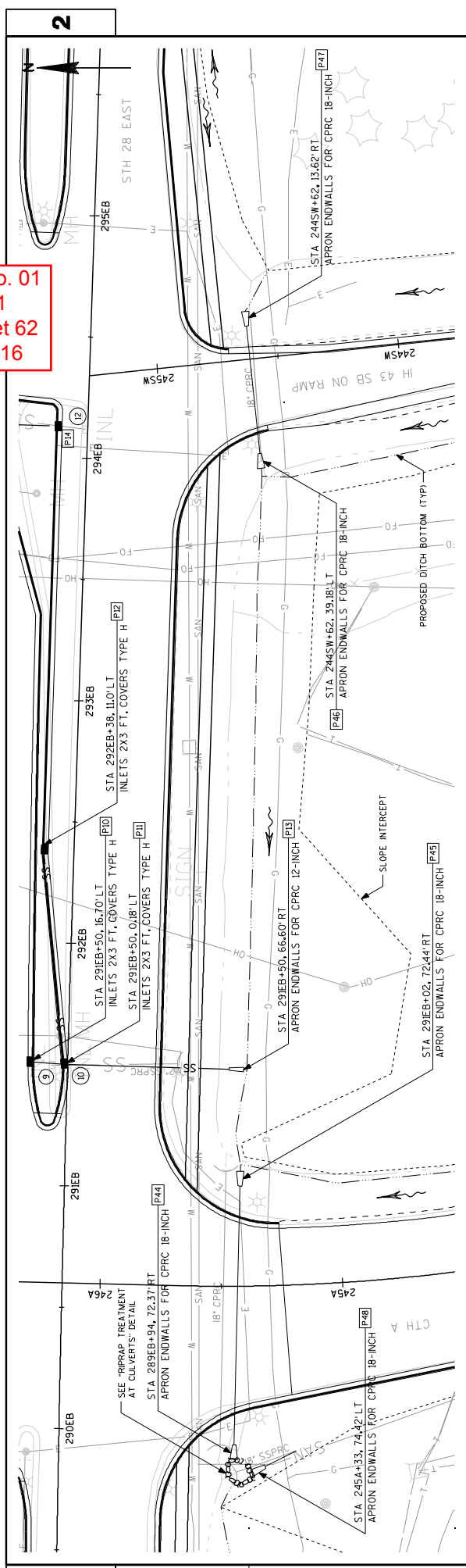


Inverts revised
 from bottom of
 pipe to flow line

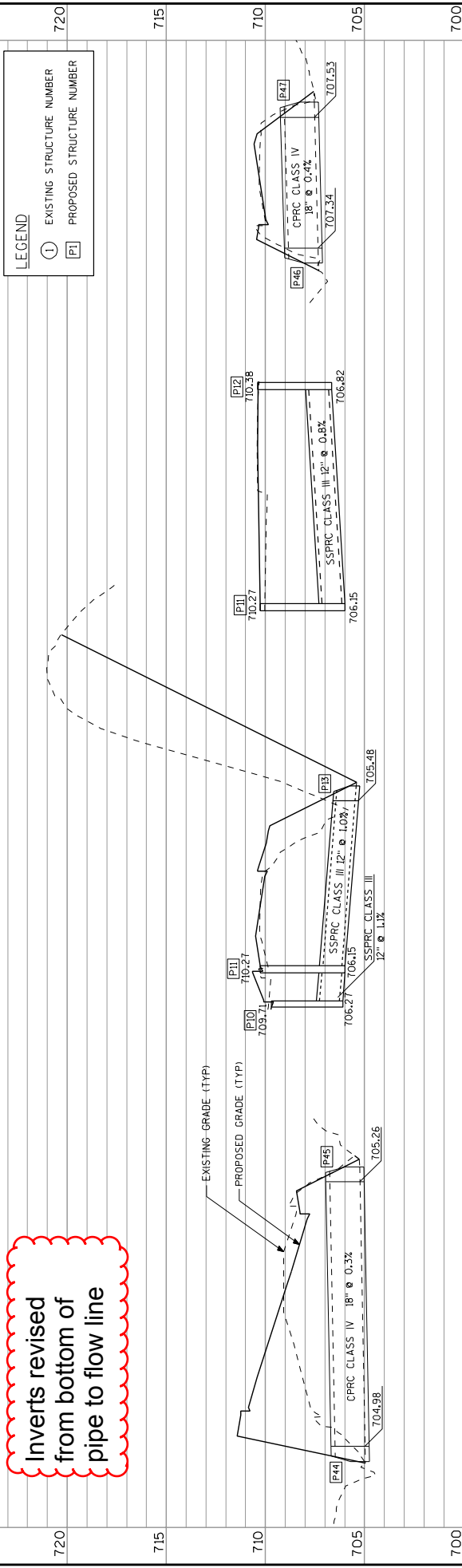


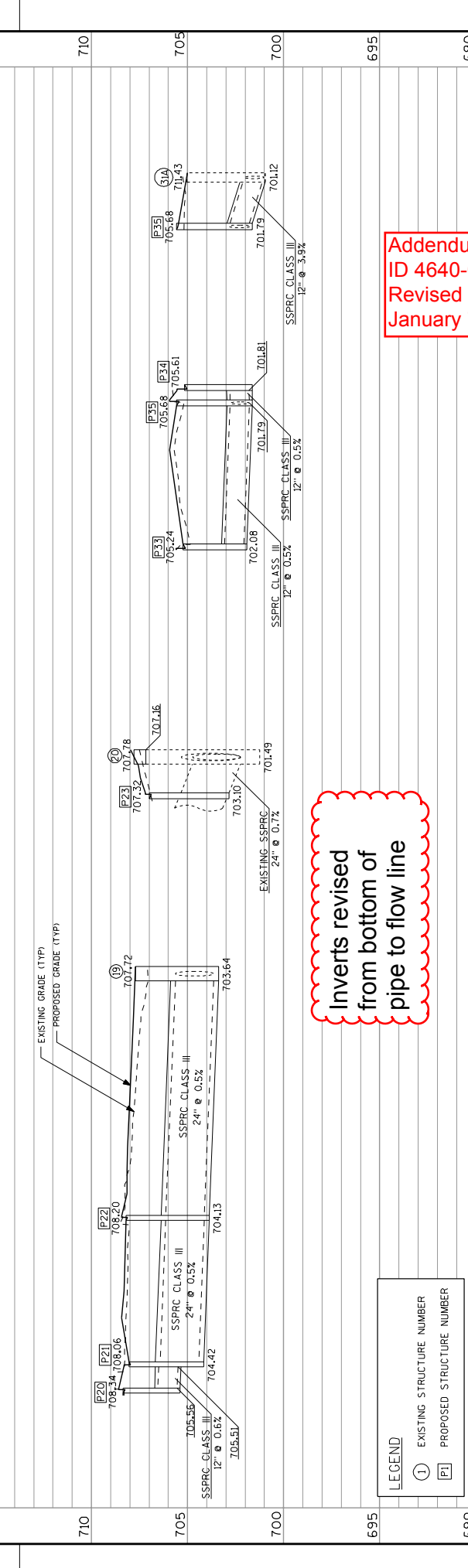
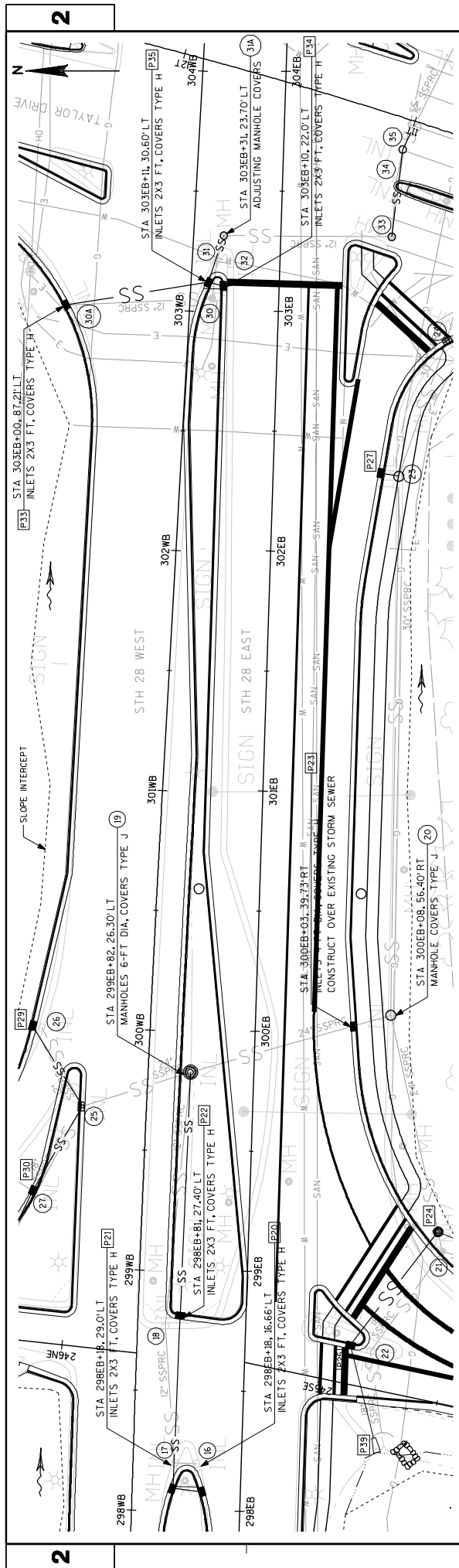
PROJECT NUMBER: 4640-05-71	COUNTY: SHEBOYGAN	SHEET 61
HWY: STH 28	STORM SEWER	
FILE NAME: L:\Work\4640\Draw\STH 28\CADD\Sheet\02560.ss.dgn	PRINTER DRIVER: C:\Users\13062815\OneDrive\Desktop\Cadd\CADD_Sheet\ET_PDF.plt x 17.pt	PLOT DATE: 12/31/2015
BATCH PRINT SHEET	PEN TABLE: C:\Users\13062815\OneDrive\Desktop\ET_Mid01.tbl	PLOT TIME: 12:02:27 PM
		PLOT SCALE: 1/4" = 1'
		WISDOT/CADD'S SHEET 41

Addendum No. 01
 ID 4640-05-71
 Revised Sheet 62
 January 7, 2016



Inverts revised
 from bottom of
 pipe to flow line





Inverts revised
from bottom of
pipe to flow line

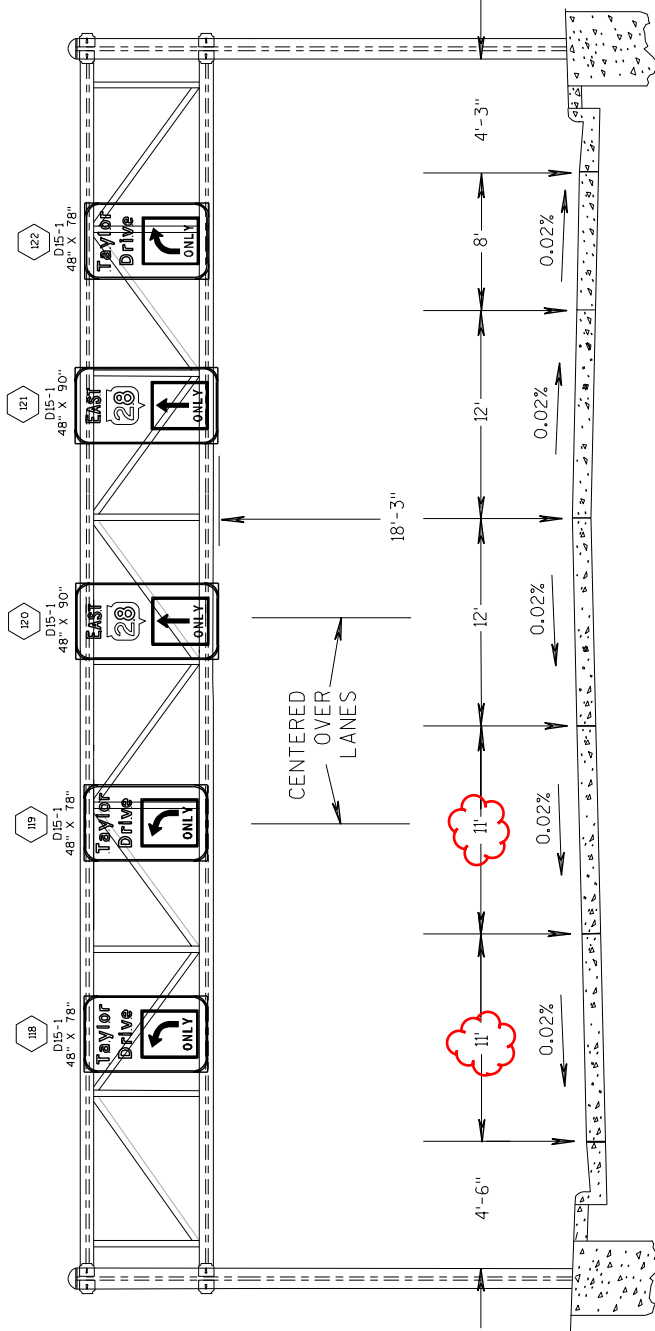
LEGEND	
①	EXISTING STRUCTURE NUMBER
P1	PROPOSED STRUCTURE NUMBER

Addendum No. 01
ID 4640-05-71
Revised Sheet 63
January 7, 2016

PROJECT NUMBER: 4640-05-71	COUNTY: SHEBOYGAN	STORM SEWER	SHEET 63
FILE NAME: L:\Work\0573\Trans\5TH 28\CADD\Sheets\02504.sxd BATCH PRINT SHEET	HWY: STH 28		WISDOT/CADD SHEET 41
PRINTER DRIVER: C:\Users\lsherman\Worktop\Cadd\CADD_Sheets\ETL_PDF.plt PEN TABLE: C:\Users\lsherman\Worktop\CTM\MS001.tbl			PLOT DATE: 12/23/2015 PLOT TIME: 12:02:37 PM
690			690
695			695
700			700
705			705
710			710

GENERAL NOTES

- 1) DRAWINGS NOT TO SCALE
- 2) DESIGN NEW OVERHEAD SIGN SUPPORTS ACCORDING TO THE LATEST EDITION OF, AND SUPPLEMENTAL TO THE STATE OF WISCONSIN "STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION" AND AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS."
- 3) PROVIDE AN IDENTIFICATION PLAQUE FOR ALL OVERHEAD SIGN SUPPORTS. TO BE CONSIDERED INCIDENTAL TO THE BID ITEM "OVERHEAD SIGN SUPPORT".
- 4) SIZE THE ANCHOR BOLT/TEMPLATE ASSEMBLY TO FIT WITHIN THE BAR CASE OF THE FOOTING BASE SHOWN IN THE CONTRACT PLANS FOR A 36" DIAMETER BASE. IN ADDITION TO MEETING ALL APPLICABLE DESIGN REQUIREMENTS FOR THE DESIGN OF THE UPRIGHT BASE CONNECTION.
- 5) PROVIDE DESIGN CALCULATIONS
- 6) SIGNS OR BLANKS SHALL BE INSTALLED ON THE OVERHEAD SIGN SUPPORT AT THE TIME OF ERECTION. BLANKS, IF USED, SHALL BE OF THE SAME SIZE AND LOCATION AS PERM SIGNING.
- 7) SIGNS SHALL BE ATTACHED TO SIGN BRIDGE AS SHOWN ON STANDARD SIGN PLATE A4-7.
- 8) COMPLETELY RESTORE THE SURROUNDING DISTURBED AREA AS IT PREVIOUSLY WAS PRIOR TO EXCAVATING.



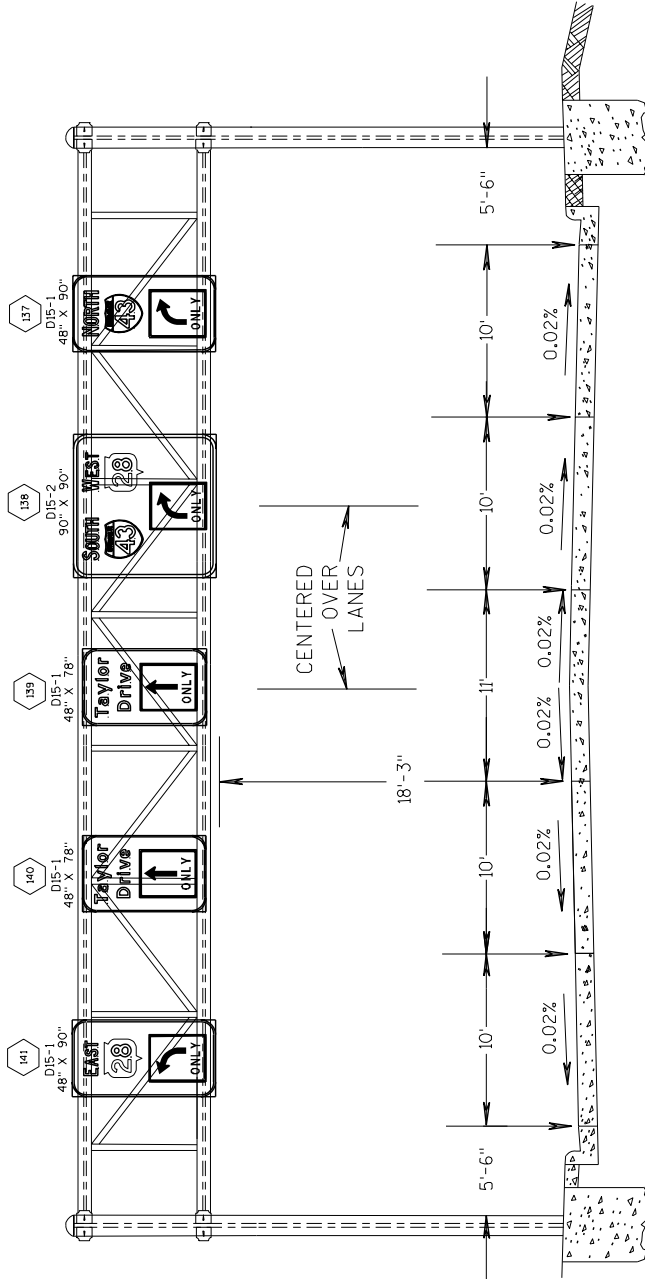
OVERHEAD SIGN STRUCTURE DETAIL

STA 300+59.6B
 S-59-69
 STH 28 EAST

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 ID 4640-05-71
 Revised Sheet 66
 January 7, 2016

GENERAL NOTES

- 1) DRAWINGS NOT TO SCALE
- 2) DESIGN NEW OVERHEAD SIGN SUPPORTS ACCORDING TO THE LATEST EDITION OF, AND SUPPLEMENTAL TO THE STATE OF WISCONSIN "STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION" AND AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS."
- 3) PROVIDE AN IDENTIFICATION PLAQUE FOR ALL OVERHEAD SIGN SUPPORTS. TO BE CONSIDERED INCIDENTAL TO THE BID ITEM "OVERHEAD SIGN SUPPORT".
- 4) SIZE THE ANCHOR BOLT/TEMPLATE ASSEMBLY TO FIT WITHIN THE BAR CAGE OF THE FOOTING BASE SHOWN IN THE CONTRACT PLANS FOR A 36" DIAMETER BASE. IN ADDITION TO MEETING ALL APPLICABLE DESIGN REQUIREMENTS FOR THE DESIGN OF THE UPRIGHT BASE CONNECTION.
- 5) PROVIDE DESIGN CALCULATIONS
- 6) SIGNS OR BLANKS SHALL BE INSTALLED ON THE OVERHEAD SIGN SUPPORT AT THE TIME OF ERECTION. BLANKS, IF USED, SHALL BE OF THE SAME SIZE AND LOCATION AS FERM SIGNING.
- 7) SIGNS SHALL BE ATTACHED TO SIGN BRIDGE AS SHOWN ON STANDARD SIGN PLATE A4-7.
- 8) COMPLETELY RESTORE THE SURROUNDING DISTURBED AREA AS IT PREVIOUSLY WAS PRIOR TO EXCAVATING.



OVERHEAD SIGN STRUCTURE DETAIL

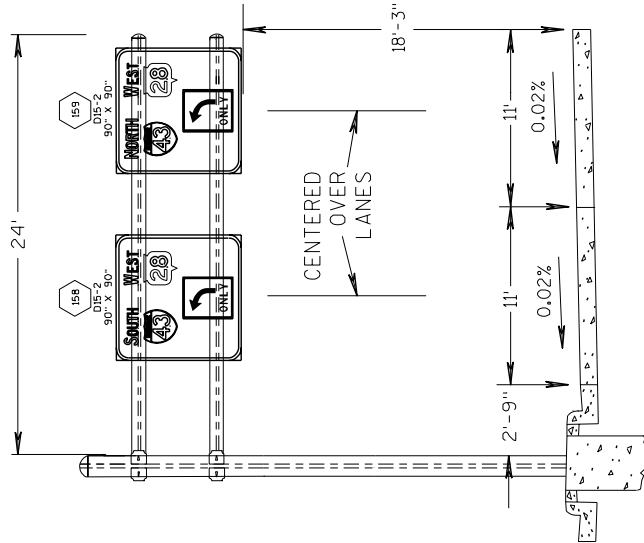
TAYLOR DR (STH 28)
 S-59-72
 STA 14+83.1'

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 Revised Sheet 67
 January 7, 2016

Addendum No. 01
ID 4640-05-71
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January 7, 2016

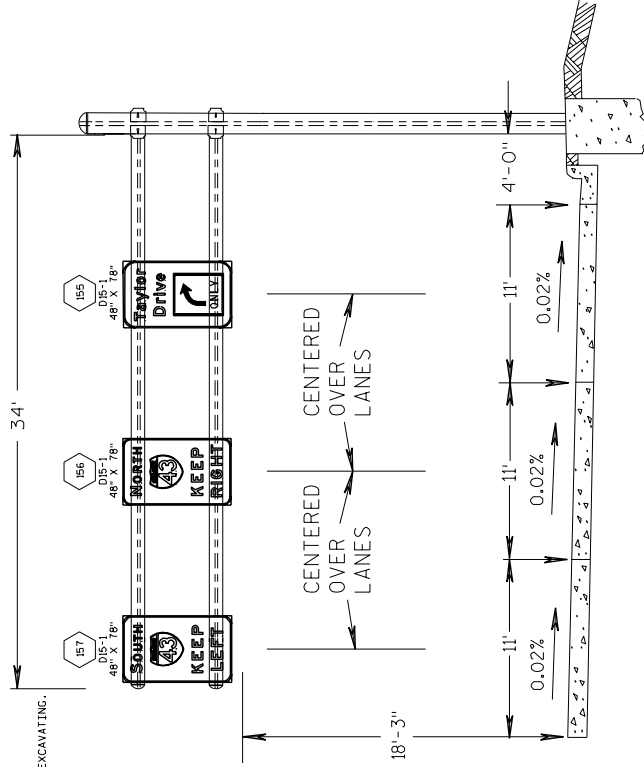
GENERAL NOTES

- 1) DRAWINGS NOT TO SCALE
- 2) DESIGN NEW OVERHEAD SIGN SUPPORTS ACCORDING TO THE LATEST EDITION OF "STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION" AND SUPPLEMENTAL TO THE STATE OF WISCONSIN "STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION" AND AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS."
- 3) PROVIDE AN IDENTIFICATION PLAQUE FOR ALL OVERHEAD SIGN SUPPORTS. TO BE CONSIDERED INCIDENTAL TO THE BID ITEM "OVERHEAD SIGN SUPPORT".
- 4) SIZE THE ANCHOR BOLT TEMPLATE ASSEMBLY TO FIT WITHIN THE BAR CASE OF THE FOOTING BASE. PROVIDE THE CONSTRUCTION PLANS FOR ALL DIAMETER BASES MEETING ALL APPLICABLE DESIGN REQUIREMENTS FOR THE DESIGN OF THE UPRIGHT BASE CONNECTION.
- 5) PROVIDE DESIGN CALCULATIONS
- 6) STOPS OR BLANKS SHALL BE INSTALLED ON THE OVERHEAD SIGN SUPPORT AT THE TIME OF ERECTION. BLANKS, IF USED, SHALL BE OF THE SAME SIZE AND LOCATION AS PERM SIGNING.
- 7) SIGNS SHALL BE ATTACHED TO SIGN CANTILEVER AS SHOWN ON STANDARD SIGN PLATE A4-T.
- 8) COMPLETELY RESTORE THE SURROUNDING DISTURBED AREA AS IT PREVIOUSLY WAS PRIOR TO EXCAVATING.



OVERHEAD SIGN MOUNTING STRUCTURE - 24' SPAN

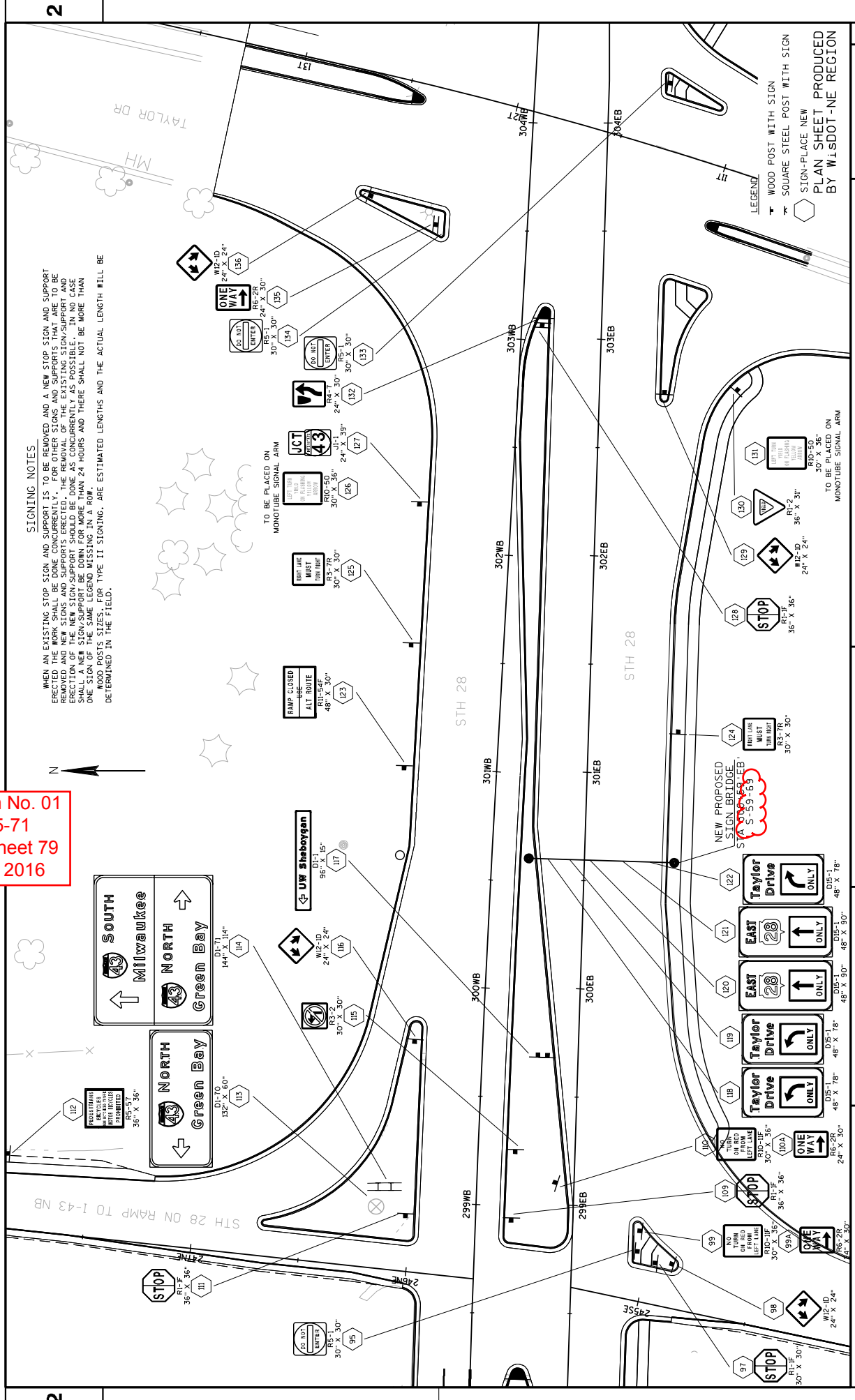
TAYLOR DR. (STH 28)
S-59-71
STA 9+46.1'



OVERHEAD SIGN MOUNTING STRUCTURE - 34' SPAN

STH 28 WB
S-59-70
STA 306+00 WB'

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 ID 4640-05-71
 Revised Sheet 79
 January 7, 2016



SIGNING NOTES.
 WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERRECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERRECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND INSTALLATION OF THE NEW SIGN/SUPPORT SHALL BE DONE AS EARLY AS POSSIBLE. IN NO CASE SHALL A NEW SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.
 WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

TO BE PLACED ON MONOTUBE SIGNAL ARM

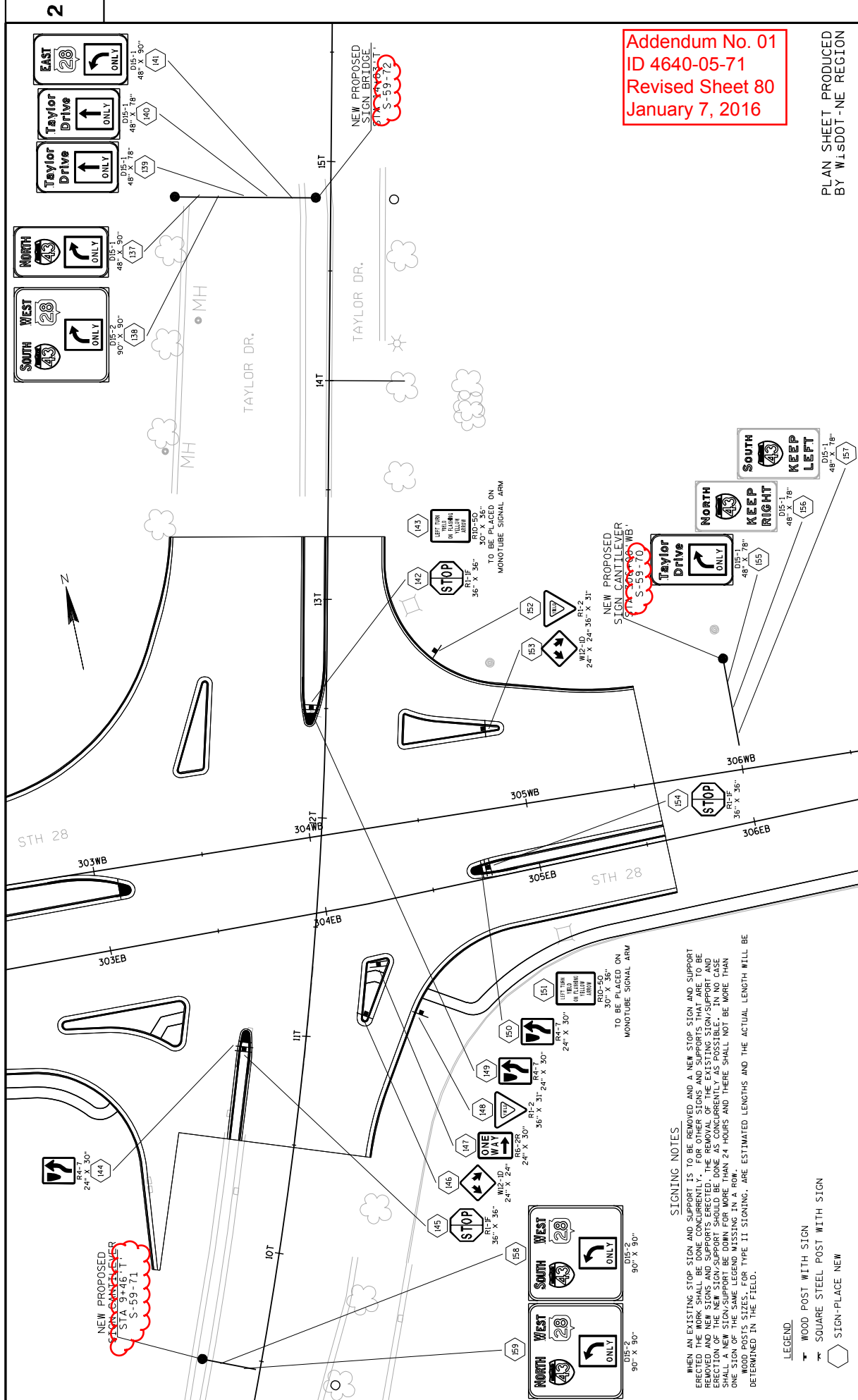
LEGEND
 WOOD POST WITH SIGN
 SQUARE STEEL POST WITH SIGN
 SIGN-PLACE NEW

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ID 4640-05-71
Revised Sheet 80
January 7, 2016

PLAN SHEET PRODUCED
BY WLSDDOT-NE REGION

SHEET 80

E



NEW PROPOSED
SIGN CANTILEVER
STA 9+46.1
S-59-71

NEW PROPOSED
SIGN CANTILEVER
STA 9+46.1
S-59-71

NEW PROPOSED
SIGN CANTILEVER
STA 9+46.1
S-59-70

SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERRECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERRECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF NEW SIGN/SUPPORT SHALL BE DONE AS CONCURRENTLY AS POSSIBLE. IN THE CASE OF SIGN ERECTION, THE SIGN SHALL BE DOWN FOR NO MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

LEGEND

- ☐ WOOD POST WITH SIGN
- ☐ SQUARE STEEL POST WITH SIGN
- ☐ SIGN-PLACE NEW

PROJECT NO: 4640-05-71

HWY: STH 28

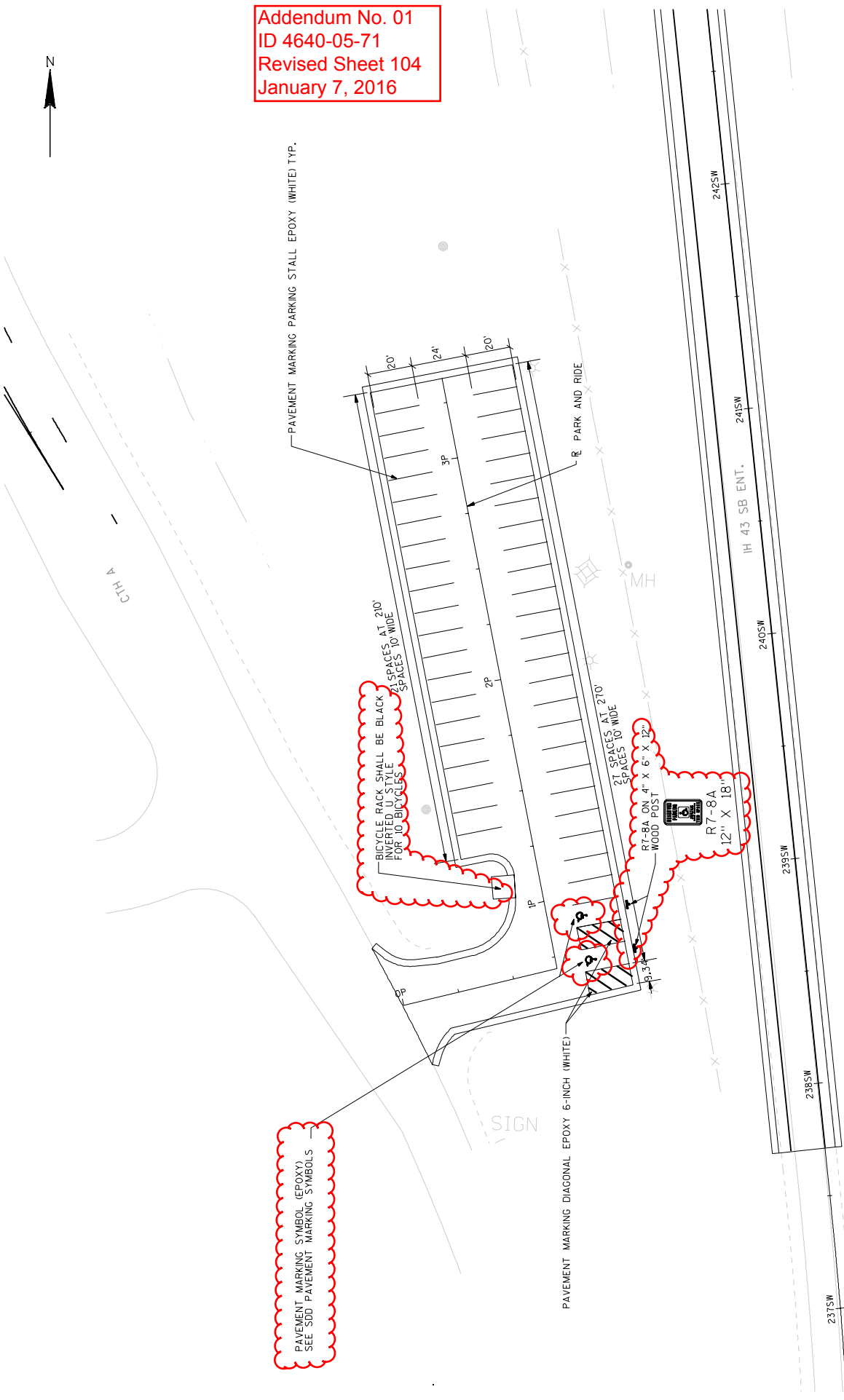
COUNTY: SHEBOYGAN

PERMANENT SIGNING PLAN

SHEET 80

E

Addendum No. 01
 ID 4640-05-71
 Revised Sheet 104
 January 7, 2016



PAVEMENT MARKING SYMBOL (EPOXY)
 SEE SDD PAVEMENT MARKING SYMBOLS

PROJECT NO: 4640-05-71	COUNTY: SHEBOYGAN	PERMANENT PAVEMENT MARKING: PARK AND RIDE	SHEET 104
HWY: STH 28	PLOT BY : ...		WISDOT/CADD SHEET 42
FILE NAME : L:\work\106730\Trons\STH 28\CADD\Sheets\02451B.dgn	PLOT DATE : 1/5/2016		PLOT SCALE : 1:40

Addendum No. 01
ID 4640-05-71
Revised Sheet 323
January 7, 2016

REMOVING CONCRETE SIDEWALK			
STATION	LOCATION	SY	204.0150
281EB+46 - 283EB+50	LT	90	
291EB+30 - 292EB+03	LT	30	
294EB+89 - 298EB+26	LT	530	
296EB+14 - 297EB+56	RT	75	
296EB+21 - 297EB+64	LT	70	
309EB+75 - 310EB+56	LT	30	
245NW+45 - 245NW+79	RT	20	
244SE+71 - 245SE+09	RT	20	
8T+39 - 9T+40	LT	50	
10T+49 - 10T+95	LT	20	
10T+97 - 11T+10	LT	15	
11T+20 - 11T+40	RT	15	
12T+17 - 12T+42	LT	15	
12T+30 - 14T+68	LT	240	
TOTAL			1,220

REMOVING ASPHALTIC SURFACE ITEMS			
STATION	LOCATION	SY	204.0115
270+64 - 271+64	STH 28	290	
271+64 - 280EB+00	STH 28	-	3,700
237SW+71 - 238SW+71	SB ON-RAMP	270	
238SW+71 - 243SW+16	SB ON-RAMP	-	1,260
249NW+43 - 251NW+00	SB OFF-RAMP	-	740
251NW+00 - 252NW+00	SB OFF-RAMP	340	
237SE+16 - 238SE+16	NB OFF-RAMP	410	
238SE+16 - 242SE+25	NB OFF-RAMP	-	2,240
249NE+36 - 252NE+62	NB ON-RAMP	-	900
252NE+62 - 253NE+62	NB ON-RAMP	275	
0P+00 - 0P+25	PARK AND RIDE	105	
0P+25 - 3P+35	PARK AND RIDE	-	1,980
TOTAL		1,690	10,820

REMOVING SMALL PIPE CULVERTS			
STATION	LOCATION	EACH	203.0100
280EB+70 - 281EB+34	RT	2	
284EB+78 - 285EB+39	LT	1	
289EB+94 - 291EB+08	RT	1	
290EB+00 - 291EB+04	LT	1	
294EB+01 - 294EB+60	RT	1	
294EB+08 - 294EB+86	LT	1	
TOTAL		7	

REMOVING ASPHALTIC SURFACE			
STAGE	STATION	LOCATION	SY
STAGE 1B	244+93 - 259+77	LT	465
270+64 - 272+14	LT	50	
268+39 - 280EB+02	LT	395	
298EB+94 - 299EB+47	LT	65	
298EB+75 - 298EB+94	RT	30	
246A+94 - 248A+41	RT	85	
246NE+14 - 249NE+35	LT	175	
11T+20 - 11T+39	RT	15	
245+76 - 258+63	RT	410	
272+14 - 276+58	LT/RT	300	
272+14 - 279+13	RT	290	
299EB+11 - 299EB+48	LT/RT	30	
291EB+28 - 292EB+00	LT	55	
293EB+25 - 293EB+90	LT/RT	80	
299EB+49 - 300EB+42	LT/RT	125	
304EB+64 - 304EB+90	LT	20	
289EB+50 - 290EB+01	LT	50	
293EB+90 - 294EB+25	LT	40	
302EB+90 - 303EB+26	LT	45	
244SE+79 - 245SE+12	RT	50	
293EB+55 - 294EB+26	LT	170	
298EB+78 - 299EB+48	LT	240	
309EB+75 - 310EB+56	LT	80	
247A+37 - 249A+23	LT	75	
245NE+96 - 246NE+71	RT	215	
8T+39 - 9T+40	LT	105	
11T+07 - 11T+41	RT	40	
13T+29 - 14T+68	LT/RT	280	
TOTAL		3,930	

PROJECT NO: 4640-05-71	COUNTY: SHEBOYGAN	MISCELLANEOUS QUANTITIES	UNLESS OTHERWISE NOTED ALL ITEMS IN CATEGORY 0010
FILE NAME : ...032021.mxd	PLOT DATE : 1/26/2016 2:38 PM	PLOT BY :	PLOT SCALE : 1:100000:1.00000
HWY: STH 28	SHEET NO: 323		E
WISDOT/CADDIS SHEET 42			

REMOVING PAVEMENT

STATION	SY	204.0100
280EB+00 - 290EB+60	7,490	
290EB+60 - 294EB+50	3,700	
294EB+50 - 298EB+76	3,220	
298EB+76 - 305EB+59	6,610	
243SW+16 - 244SW+92	510	
245NW+54 - 249NW+43	1,720	
242SE+25 - 245SE+08	920	
245NE+95 - 246NE+56	130	
246NE+56 - 249NE+36	630	
10T+49 - 11T+78	1,100	
11T+78 - 13T+29	750	
TOTAL	26,780	

REMOVING STORM SEWER

STATION	LOCATION	12-INCH LF	18-INCH LF	24-INCH LF	30-INCH LF	36-INCH LF
281EB+52	LT	12	-	-	-	-
285EB+60	LT	11	-	-	-	-
291EB+50 - 291EB+52	RT	52	-	-	-	-
293EB+98 - 294EB+12	LT	89	-	-	-	-
298EB+19 - 299EB+82	LT	173	-	-	-	-
298EB+86 - 299EB+66	LT	-	140	-	-	-
299EB+11 - 299EB+82	LT/RT	-	-	187	-	-
299EB+66 - 299EB+99	LT	37	-	-	-	-
302EB+33 - 303EB+00	RT	-	-	-	70	-
303EB+04 - 303EB+31	LT	33	-	-	-	-
303EB+33 - 303EB+69	RT	36	-	-	-	-
245A+21 - 245A+44	LT	-	27	-	-	-
244SE+29 - 244SE+70	LT/RT	-	117	-	-	-
10T+36 - 10T+58	LT	25	-	-	-	-
10T+64 - 10T+94	RT	-	-	-	-	31
TOTAL		468	284	187	70	31

REMOVING MANHOLES AND INLETS

STRUCTURE NO.	STATION	LOCATION	MANHOLES EACH	INLETS EACH	204.0220
1	281EB+52	0' LT	-	1	
2	281EB+52	7' LT	-	1	
5	285EB+59	19' LT	-	1	
10	291EB+50	0' LT	-	1	
9	291EB+50	6.5' LT	-	1	
12	294EB+12	1' LT	-	1	
13	294EB+15	29' LT	-	1	
16	298EB+19	19' LT	-	1	
17	298EB+20	27' LT	-	1	
18	298EB+76	34' LT	-	1	
21	299EB+11	81' RT	1	-	
27	299EB+29	89' LT	-	1	
26	299EB+99	89' LT	-	1	
30A	303EB+00	86' LT	-	1	
32	303EB+19	20' LT	-	1	
31	303EB+20	26' LT	-	1	
22	244SE+81	15' RT	-	1	
28	246NE+37	16' RT	-	1	
37	10T+21	63' LT	-	1	
38	10T+25	64' LT	-	1	
41	10T+94	37' RT	-	1	
34	11T+00	26' LT	-	1	
30	303EB+04	28' LT	1	-	
TOTAL			2	21	

PREPARING FOUNDATION

STATION	LOCATION	STA	211.0400
244+94 - 258+77	LT	14	
245+77 - 258+63	RT	13	
268+39 - 276+58	LT	9	
272+14 - 276+58	RT	5	
276+58 - 280+00	LT/RT	8	
TOTAL		49	

Addendum No. 01
ID 4640-05-71
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REMOVING MANHOLES AND INLETS

STRUCTURE NO.	STATION	LOCATION	MANHOLES EACH	INLETS EACH	204.0220
1	281EB+52	0' LT	-	1	
2	281EB+52	7' LT	-	1	
5	285EB+59	19' LT	-	1	
10	291EB+50	0' LT	-	1	
9	291EB+50	6.5' LT	-	1	
12	294EB+12	1' LT	-	1	
13	294EB+15	29' LT	-	1	
16	298EB+19	19' LT	-	1	
17	298EB+20	27' LT	-	1	
18	298EB+76	34' LT	-	1	
21	299EB+11	81' RT	1	-	
27	299EB+29	89' LT	-	1	
26	299EB+99	89' LT	-	1	
30A	303EB+00	86' LT	-	1	
32	303EB+19	20' LT	-	1	
31	303EB+20	26' LT	-	1	
22	244SE+81	15' RT	-	1	
28	246NE+37	16' RT	-	1	
37	10T+21	63' LT	-	1	
38	10T+25	64' LT	-	1	
41	10T+94	37' RT	-	1	
34	11T+00	26' LT	-	1	
30	303EB+04	28' LT	1	-	
TOTAL			2	21	

Addendum No. 01
 ID 4640-05-71
 Revised Sheet 325
 January 7, 2016

Division	From/To Station	Location	Common Excavation (Item # 205.0100)		Salvaged/Unusable Pavement Material (4)	Available Material (5)	Unexpanded Fill	Expanded Fill (13)		Mass Ordinate +/- (14)	Comment:
			Cut (2)	EBS Excavation (3)				Factor			
1	278+60 - 305+59	STH 28	19778	500	4694	15084	2305	2881	12203		
	244+00 - 244+89	SW RAMP	795	100	114	681	73	91	590		
	245+58 - 249+43	NW Ramp	2482	100	384	2098	84	105	1993		
	242+25 - 245+00	SE RAMP	1468	100	234	1234	102	128	1107		
	246+00 - 253+62	NE RAMP	3386	100	140	3246	261	326	2920		
	244+07 - 247+74	CTH A	1691	100	60	1631	422	528	1104		
Division 1 Subtotal			29600	1000	5626	23974	3247	4059	19315		
Total Common Exc			30600								

- 1) Common Excavation is the sum of the Cut and EBS Excavation columns. Item number 205.0100
 2) Salvaged/Unusable Pavement Material is included in Cut.
 3) EBS Excavation to be backfilled with Select Borrow material. Note: this is designers choice, can be backfilled with Borrow, or Cut as well.
 4) Salvaged/Unusable Pavement Material
 5) Available Material = Cut - Salvaged/Unusable Pavement Material
 13) Expanded Fill. Factor = 1.25
 14) 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.

UNLESS OTHERWISE NOTED
 ALL ITEMS IN CATEGORY 0010

SHEET NO: 325 E

WISDOT/CADDIS SHEET 42

COUNTY: SHEBOYGAN

HWY: STH 28

PROJECT NO: 4640-05-71

PLOT SCALE : 1:100000:1:00000

PLOT NAME : 03201.dwg

PLOT BY :

PLOT DATE : 1/26/16 7:34 AM

MISCELLANEOUS QUANTITIES

FILE NAME : ...03201.dwg

BASE AGGREGATE DENSE ITEMS (CONT.)

STAGE	STATION	LOCATION	TON	TON	TON	PIT/RTUN	WATER	MGAL
305.0110 305.0120 313.0110 624.0100								
3/4-INCH 1 1/4-INCH								
	245NE+96 - 246NE+71	RT	-	135	-	-	-	1.3
	246NE+07 - 249NE+36	RT	-	595	630	-	-	6.0
	247NE+31 - 249NE+36	RT	20	-	-	-	-	0.2
	249NE+36 - 253NE+62	RT	40	530	-	-	-	5.7
	12T+18 - 12T+61	LT	-	5	-	-	-	0.1
	12T+28 - 13T+29	LT	-	130	230	-	-	1.3
	12T+47 - 13T+29	LT	-	5	-	-	-	0.1
	12T+81 - 13T+29	RT	-	60	110	-	-	0.6
	UNDISTRIBUTED		40	410	490	-	-	3.6
SUBTOTAL			398	7,677	10,066	-	-	80
STAGE 1C	290EB+49 - 291EB+58	LT	-	220	395	-	-	2.2
	297EB+85 - 298EB+19	LT	-	5	-	-	-	0.1
	298EB+47 - 298EB+94	LT	-	75	140	-	-	1.0
	303EB+47 - 304EB+30	LT	-	150	260	-	-	1.5
	247A+03 - 247A+31	LT/RT	-	0	0	-	-	0.0
	247A+31 - 248A+41	LT/RT	0	0	-	-	-	0.0
	248A+41 - 249A+23	LT	0	-	-	-	-	0.0
	246NE+01 - 249NE+36	LT/RT	-	315	350	-	-	3.0
	246NE+09 - 249NE+36	LT	15	-	-	-	-	0.1
	12T+28 - 13T+29	LT	-	145	260	-	-	1.5
	12T+48 - 13T+29	LT	-	5	-	-	-	0.1
	UNDISTRIBUTED		5	55	85	-	-	0.5
SUBTOTAL			20	970	1,490	-	-	10
STAGE 2A	298EB+19 - 299EB+48	LT/RT	-	315	580	-	-	3.0
	298EB+78 - 299EB+11	LT	-	10	-	-	-	0.1
	299EB+27 - 299EB+50	RT	-	2	-	-	-	0.2
	237SE+16 - 244SE+72	LT	50	15	-	-	-	0.7
	237SE+16 - 243SE+85	RT	50	540	-	-	-	5.9
	242SE+25 - 244SE+52	RT	30	30	690	-	-	0.3
	UNDISTRIBUTED		30	100	65	-	-	0.5
SUBTOTAL			130	1,012	1,335	-	-	11
STAGE 2B	245+61 - 258+74	RT	70	-	-	-	-	0.7
	272+14 - 280+00	RT	50	-	-	-	-	0.5
	278+60 - 281EB+04	RT	-	225	440	-	-	2.2
	280+59 - 281EB+04	RT	-	75	-	-	-	0.7
	281EB+38 - 289EB+50	RT	-	1,250	2,280	-	-	12.5
	281EB+50 - 289EB+50	LT	-	35	-	-	-	0.4

Addendum No. 01
 ID 4640-05-71
 Revised Sheet 327
 January 7, 2016

UNLESS OTHERWISE NOTED
 ALL ITEMS IN CATEGORY 0010

SHEET NO: 327 E

PLOT SCALE : 1:80000:1:80000

PLOT NAME : 03201.mxd

PLOT BY :

PLOT DATE : 1/26/2016 1:24 PM

MISCELLANEOUS QUANTITIES

COUNTY: SHEBOYGAN

HWY: STH 28

PROJECT NO: 4640-05-71

FILE NAME : ...03201.mxd

WISDOT/CADDIS SHEET 42

BASE AGGREGATE DENSE ITEMS (CONT.)

STAGE	STATION	LOCATION	TON	3/4-INCH 1 1/4-INCH	PIT RUN TON	WATER MGAL
	281EB+58 - 289EB+50	RT	70	-	-	0.7
	290EB+60 - 294EB+00	RT	655	1,170	6.5	
	290EB+99 - 293EB+90	LT	25	-	0.3	
	291EB+30 - 294EB+00	RT	15	-	0.1	
	294EB+40 - 298EB+40	LT/RT	665	1,190	6.6	
	294EB+48 - 298EB+40	RT	40	-	0.4	
	299EB+47 - 302EB+84	LT	30	-	0.3	
	299EB+48 - 303EB+24	LT/RT	940	1,680	9.4	
	299EB+50 - 302EB+86	RT	30	-	0.3	
	302EB+72 - 303EB+24	RT	10	-	0.1	
	303EB+90 - 305EB+59	RT	210	380	2.1	
	304EB+74 - 305EB+59	LT	5	-	0.1	
	244A+07 - 245A+26	RT	30	0	0.3	
	245A+26 - 245A+80	RT	0	0	0.0	
	10T+49 - 11T+31	RT	150	270	1.5	
	11T+07 - 11T+40	RT	15	-	0.1	
SUBTOTAL	UNDISTRIBUTED		5	230	385	2.3
			155	4,675	7,795	48

STAGE 2C	281EB+04 - 281EB+38	RT	150	170	1.5
	281EB+27 - 281EB+58	RT	4	-	0.1
	289EB+50 - 289EB+78	LT	7	-	0.1
	289EB+50 - 289EB+94	RT	3	-	0.1
	289EB+50 - 290EB+60	LT/RT	285	510	3.0
	293EB+90 - 294EB+40	RT	110	200	1.1
	302EB+85 - 303EB+09	LT	4	-	0.1
	302EB+85 - 303EB+99	LT/RT	185	330	1.9
	303EB+19 - 303EB+28	RT	2	-	-

Addendum No. 01
ID 4640-05-71
Revised Sheet 328
January 7, 2016

BASE AGGREGATE DENSE ITEMS (CONT.)

STAGE	STATION	LOCATION	TON	3/4-INCH 1 1/4-INCH	PIT RUN TON	WATER MGAL
	244A+07 - 245A+26	LT	0	0	-	0.0
	245A+26 - 245A+80	LT	-	0	0	0.0
	237SW+71 - 244SW+34	RT	55	-	-	0.5
	237SW+71 - 244SW+57	LT	60	-	-	0.6
	243SW+16 - 244SW+71	LT	265	310	2.7	
	244SE+79 - 245SE+12	RT	-	10	20	0.1
	244SE+82 - 245SE+09	RT	5	5	-	0.1
	10T+49 - 11T+12	LT	5	95	170	1.0
	UNDISTRIBUTED		5	70	110	0.7
SUBTOTAL			125	1,195	1,820	14

STAGE 3	290EB+48 - 290EB+72	LT	15	30	0.1	
	293EB+55 - 294EB+26	LT	40	40	0.4	
	298EB+78 - 299EB+48	LT	55	40	1.0	
	304EB+34 - 310EB+02	RT	70	-	0.7	
	309EB+75 - 310EB+52	LT	5	-	0.1	
	247A+31 - 248A+41	LT	30	-	0.3	
	247A+37 - 248A+41	LT	30	20	0.5	
	245NE+96 - 246NE+71	RT	40	40	1.2	
	8T+39 - 9T+40	LT	5	-	0.1	
	11T+07 - 11T+40	RT	5	20	0.3	
	13T+29 - 14T+68	LT	25	-	0.6	
	UNDISTRIBUTED		20	15	10	0.3
SUBTOTAL			90	305	205	6

PARK & RIDE	0P+00 - 3P+40	LT	15	-	-	
	0P+00 - 3P+40	RT	15	-	-	
	1P+04 - 1P+16	LT	-	2	-	
	UNDISTRIBUTED		5	1	68	
SUBTOTAL			35	3	0	68
TOTAL			1,008	17,252	22,711	250

UNLESS OTHERWISE NOTED
ALL ITEMS IN CATEGORY 0010

SHEET NO: 328 E

PROJECT NO: 4640-05-71

HWY: STH 28

MISCELLANEOUS QUANTITIES

COUNTY: SHEBOYGAN

FILE NAME : ...032021_mq.ppt

PLOT DATE : 1/6/2016 1:23 PM

PLOT BY :

PLOT NAME : 032021.mq

PLOT SCALE : 1:100000:1:00000

WISDOT/CADDS SHEET 42

Addendum No. 01
 ID 4640-05-71
 Revised Sheet 329
 January 7, 2016

CONCRETE PAVEMENT ITEMS												
STAGE	STATION	LOCATION	320.0145 CONCRETE BASE 8-INCH	415.0080 CONCRETE PAVEMENT 8-INCH	415.1080 CONCRETE PAVEMENT HES 8-INCH	416.0610 DRILLED TIE BARS	416.0620 DRILLED DOWEL BARS	416.1010 CONCRETE SURFACE DRAINS	416.1715 CONCRETE PAVEMENT REPAIR SHES			
			SY	SY	SY	EACH	EACH	CY	SY			
PRESTAGE 1	307EB+49 - 307EB+59	LT	-	-	-	3	16	-	13			
	8T+35 - 8T+45	RT	-	-	-	3	8	-	7			
	15T+22 - 15T+32	LT	-	-	-	3	8	-	7			
SUBTOTAL			0	0	0	9	32	0	27			
PRESTAGE 2	307EB+49 - 307EB+59	LT	-	-	-	6	8	-	7			
	8T+35 - 8T+45	RT	-	-	-	6	8	-	7			
	15T+22 - 15T+32	LT	-	-	-	6	8	-	7			
SUBTOTAL			0	0	0	18	24	0	21			
STAGE 1B	280EB+00 - 290EB+50	LT	-	3,810	-	-	-	-	-			
	291EB+24 - 298EB+47	LT	-	3,360	-	-	-	-	-			
	298EB+78 - 303EB+64	LT	-	2,160	-	-	-	-	-			
	304EB+04 - 305EB+59	LT	-	1,260	-	-	41	-	-			
	246A+34 - 247A+31	LT	-	79	-	-	-	-	-			
	245NW+62 - 249NW+43	LT	-	1,560	-	-	24	-	-			
	246NE+07 - 249NE+36	RT	-	820	-	-	-	-	-			
	249NE+36 - 253NE+53	RT	400	-	-	167	-	-	-			
	12T+28 - 13T+29	LT	-	320	-	-	14	-	-			
	12T+81 - 13T+29	RT	-	150	-	-	16	-	-			
SUBTOTAL			400	13519	0	167	95	0	0			
STAGE 1C	290EB+49 - 291EB+58	LT	-	-	670	13	38	-	-			
	298EB+47 - 298EB+94	LT	-	-	235	9	53	-	-			
	303EB+47 - 304EB+30	LT	-	-	465	15	61	-	-			
	246A+34 - 247A+31	RT	-	-	126	10	-	-	-			
	246NE+01 - 249NE+36	LT/RT	-	-	490	108	8	-	-			
	12T+28 - 13T+29	LT	-	-	420	78	24	-	-			
SUBTOTAL			0	0	2406	233	184	0	0			
STAGE 2A	298EB+19 - 299EB+48	LT/RT	-	-	955	32	66	-	-			
	242SE+25 - 244SE+52	RT	-	-	945	-	24	-	-			
SUBTOTAL			0	0	1900	32	90	0	0			

CONCRETE PAVEMENT ITEMS (CONT.)

STAGE	STATION	LOCATION	320.0145 CONCRETE BASE 8-INCH	415.0080 CONCRETE PAVEMENT 8-INCH	415.1080 CONCRETE PAVEMENT HES 8-INCH	416.0610 DRILLED TIE BARS	416.0620 DRILLED DOWEL BARS	416.1010 CONCRETE SURFACE DRAINS	416.1715 CONCRETE PAVEMENT REPAIR SHEES
			SY	SY	SY	EACH	EACH	CY	SY
STAGE 2B	280EB+00 - 281EB+04	RT	-	490	-	18	-	-	-
	281EB+38 - 289EB+50	RT	-	3,140	-	2	-	-	-
	290EB+60 - 294EB+00	RT	-	1,790	-	-	34	-	-
	294EB+40 - 298EB+40	LT/RT	-	1,730	-	-	-	-	-
	299EB+48 - 303EB+24	LT/RT	-	2,530	-	25	-	-	-
	303EB+90 - 305EB+59	RT	-	560	-	34	14	-	-
	245A+26 - 245A+80	RT	-	106	-	-	-	-	-
	10T+49 - 11T+31	RT	-	430	-	-	27	-	-
SUBTOTAL			0	10776	0	79	75	0	0
STAGE 2C	281EB+04 - 281EB+38	RT	-	-	235	21	60	-	-
	289EB+50 - 290EB+60	LT/RT	-	-	855	34	71	-	-
	293EB+90 - 294EB+40	RT	-	-	335	10	90	-	-
	302EB+85 - 303EB+99	LT/RT	-	-	555	65	85	-	-
	245A+26 - 245A+80	LT	-	-	208	12	-	1.33	-
	243SW+16 - 244SW+71	LT	-	-	355	-	10	-	-
	10T+49 - 11T+12	LT	-	-	250	36	25	-	-
SUBTOTAL			0	0	2793	178	341	1.33	0
STAGE 3	290EB+48 - 290EB+72	LT	-	-	50	-	64	-	-
	309EB+75 - 310EB+52	LT	-	-	-	65	-	-	-
	8T+39 - 9T+40	LT	-	-	-	80	-	-	-
	13T+29 - 14T+68	LT	-	-	-	110	-	-	-
SUBTOTAL			0	0	50	255	64	0	0
TOTAL			400	24,295	7,149	971	905	1.33	48

Addendum No. 01
 ID 4640-05-71
 Revised Sheet 330
 January 7, 2016

UNLESS OTHERWISE NOTED
 ALL ITEMS IN CATEGORY 0010
 SHEET NO: 330 E
 WISDOT/CADDIS SHEET 42

PROJECT NO: 4640-05-71
 COUNTY: SHEBOYGAN
 HWY: STH 28
 MISCELLANEOUS QUANTITIES
 PLOT DATE: 1/23/2015 9:05 AM
 PLOT BY:
 PLOT NAME: 030201.mq
 PLOT SCALE: 1:100000:1:00000

Addendum No. 01
 ID 4640-05-71
 Revised Sheet 331
 January 7, 2016

HMA PAVEMENT ITEMS												
STATION	LOCATION	455.0205 ASPHALTIC MATERIAL PG58-28	455.0605 TACK COAT	460.1100 HMA PAVEMENT TYPE E-0.3	460.1103 HMA PAVEMENT TYPE E-3	460.4110.S REHEATING HMA PAVEMENT LONGITUDINAL JOINTS	465.0105 ASPHALTIC SURFACE	465.0125 ASPHALTIC SURFACE TEMPORARY	465.0315 ASPHALTIC FLUMES	LF	TON	SY
		TONS	GAL	TONS	TONS	LF	TON	TON				
244+94 -	258+77	13	-	241	-	-	-	-	-	-	-	-
245+77 -	258+63	13	-	230	-	-	-	-	-	-	-	-
268+39 -	270+64	2	-	39	-	-	-	-	-	-	-	-
270+64 -	276+58	21	176	104	282	2226	-	-	-	-	-	-
272+14 -	276+58	4	-	77	-	-	-	-	-	-	-	-
276+58 -	280+00	9	73	44	117	1368	-	-	-	-	-	-
276WB+58 -	280WB+00	8	58	60	93	-	-	-	-	-	-	-
237SW+71 -	243SW+16	19	106	-	339	-	-	-	-	-	-	-
243SW+16 -	244SW+92	1	-	25	-	-	-	-	-	-	-	-
245NW+54 -	249NW+43	3	-	61	-	-	-	-	-	-	-	-
249NW+43 -	252NW+00	13	74	-	237	-	-	-	-	-	-	-
237SE+16 -	242SE+25	34	191	-	612	-	-	-	-	-	-	-
242SE+25 -	245SE+08	2	-	36	-	-	-	-	-	-	-	13
245NE+95 -	249NE+36	3	-	47	-	-	-	-	-	-	-	11
249NE+36 -	253NE+62	18	101	-	323	-	-	-	-	-	-	-
OP+00 -	3P+36	-	-	-	-	-	230	-	-	-	409	-
280EB+00 -	310EB+00	-	73	-	-	-	-	-	-	-	-	-
280EB+00 -	310EB+00	-	22	-	-	-	-	-	-	-	-	-
247A+31 -	249A+23	-	25	-	-	-	-	-	-	-	125	-
247A+31 -	248A+41	-	10	-	-	-	-	-	-	-	139	-
281EB+04 -	281EB+49	-	6	-	-	-	-	-	-	-	54	-
244A+07 -	245A+26	-	17	-	-	-	-	-	-	-	27	-
280EB+59 -	281EB+04	-	6	-	-	-	-	-	-	-	95	-
244A+07 -	245A+26	-	26	-	-	-	-	-	-	-	26	-
TOTAL		163	964	964	2,003	3,594	230	1,019			1,144	24

UNLESS OTHERWISE NOTED
 ALL ITEMS IN CATEGORY 0010
 SHEET NO: 331 E
 WISDOT/CADDIS SHEET 42

PROJECT NO: 4640-05-71
 COUNTY: SHEBOYGAN
 HWY: STH 28
 PLOT DATE: 1/26/2016 8:10 AM
 PLOT BY:
 PLOT NAME: 030201.mxd
 PLOT SCALE: 1:100000:1.00000

Addendum No. 01
 ID 4640-05-71
 Revised Sheet 332
 January 7, 2016

REINFORCED CONCRETE PIPE ITEMS

STRUCTURE NUMBER	FROM	TO	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE %	522.0118		608.0312		608.0318		608.0324		520.8000	
						CULVERT PIPE REINFORCED CONCRETE CLASS III 18-INCH	CULVERT PIPE REINFORCED CONCRETE CLASS III 18-INCH	STORMSEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH	STORMSEWER PIPE REINFORCED CONCRETE CLASS III 18-INCH	STORMSEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH	CULVERT PIPE REINFORCED CONCRETE CLASS III 24-INCH	PIPE JOINT TIES (NOTE 1)			
P41		P40	686.47	686.05	0.6	-	68	-	-	-	-	-	-	-	12
P2		P1	687.86	687.75	1.5	-	-	8	-	-	-	-	-	-	-
P2	EXISTING		687.75	687.42	2.0	-	-	8	-	-	-	-	1	-	-
P3	EXISTING		686.78	686.62	2.0	-	-	8	-	-	-	-	1	2	-
P43		P42	699.13	697.63	2.5	-	62	-	-	-	-	-	-	-	12
P4		P4	699.47	699.31	2.0	-	-	8	-	-	-	-	1	-	-
P5	EXISTING		699.28	699.28	0.1	-	-	8	-	-	-	-	1	2	-
P7		P7	706.68	706.46	0.5	62	-	-	-	-	-	-	-	6	-
P8		P7	704.60	703.81	0.8	-	102	-	-	-	-	-	-	6	-
P7		P6	703.81	703.31	0.8	62	-	-	-	-	-	-	-	6	-
P45		P44	705.26	704.98	0.3	-	107	-	-	-	-	-	-	12	-
P48	EXISTING		704.98	704.98	-	-	24	-	-	-	-	-	1	6	-
P10		P11	706.27	706.15	1.1	-	-	12	-	-	-	-	-	-	-
P11		P13	706.15	705.48	1.0	-	-	67	-	-	-	-	-	6	-
P12		P11	706.82	706.15	0.8	-	-	87	-	-	-	-	-	-	-
P47		P46	707.53	707.34	0.4	-	53	-	-	-	-	-	-	12	-
P14		P15	707.34	707.22	0.5	-	-	25	-	-	-	-	-	-	-
P15		P16	707.22	707.10	1.4	-	-	51	-	-	-	-	-	-	-
P18		P16	706.68	706.56	0.5	-	22	-	-	-	-	-	-	6	-
P19		P16	707.20	706.56	0.8	-	78	-	-	-	-	-	-	6	-
P16		P17	706.56	705.92	0.5	129	-	-	-	-	-	-	-	6	-
P20		P21	705.56	705.51	0.6	-	-	9	-	-	-	-	-	-	-
P21		P22	704.42	704.13	0.5	-	-	-	60	-	-	-	-	-	-
P22		P22	704.13	703.64	0.5	-	-	-	98	-	-	-	-	-	-
P39		P25	704.69	703.44	3.6	-	42	-	36	-	-	-	-	6	-
P25		P24	703.44	703.16	0.5	-	-	-	57	-	-	-	-	-	-
P26		P24	705.13	703.16	3.5	-	-	-	56	-	-	-	-	6	-
P30		P30	704.53	704.27	0.5	-	-	-	53	-	-	-	-	-	-
P30		P25	704.27	704.04	0.6	-	-	-	41	-	-	-	-	-	-
P29		P25	704.20	704.00	0.5	-	-	40	-	-	-	-	-	-	-
SUBTOTAL						253	558	331	243	158	5	112			

NOTES: (1) PIPE JOINT TIES ARE NOT A PAY ITEM. FOR INFORMATION ONLY.

UNLESS OTHERWISE NOTED
ALL ITEMS IN CATEGORY 0010

SHEET NO: 332 E

PROJECT NO: 4640-05-71
HWY: STH 28

COUNTY: SHEBOYGAN

MISCELLANEOUS QUANTITIES

FILE NAME: ...030201.mxd
PLOT DATE: 1/25/2015 10:12 AM
PLOT BY:

PLOT NAME: 030201.mxd
PLOT SCALE: 1:100000
WISDOT / CADDIS SHEET 42

Addendum No. 01
ID 4640-05-71
Revised Sheet 333
January 7, 2016

REINFORCED CONCRETE PIPE ITEMS (CONT.)

STRUCTURE NUMBER	FROM	TO	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE %	522.0118 CONCRETE CLASS III 18-INCH	522.0318 CULVERT PIPE REINFORCED CONCRETE CLASS IV 18-INCH	608.0312 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH	608.0318 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 18-INCH	608.0324 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH	520.8000 CULVERT PIPE CONCRETE COLLAR	PIPE JOINT TIES (NOTE 1)
						LF	LF	LF	LF	LF	EACH	EACH
P33		P35	702.08	701.79	0.5	-	-	58	-	-	1	-
P34		P35	701.81	701.79	0.5	-	-	5	-	-	-	-
P35		P31A	701.79	701.12	3.9	-	-	18	-	-	-	-
P27		P23	702.08	701.83	0.5	-	-	5	-	-	-	-
P36		P37	701.25	701.23	0.5	-	-	5	-	-	-	-
P37	EXISTING		701.25	EXISTING	1.6	-	-	8	-	-	1	-
33	EXISTING		700.92	700.69	0.7	-	-	34	-	-	-	-
P38		P38	700.08	700.01	1.3	-	-	8	-	-	1	-
P38		42	700.01	699.61	1.5	-	-	28	-	-	-	-
SUBTOTAL						0	0	169	0	0	3	0
TOTAL						253	558	500	243	158	8	112

NOTES: (1) PIPE JOINT TIES ARE NOT A PAY ITEM. FOR INFORMATION ONLY.

UNLESS OTHERWISE NOTED
ALL ITEMS IN CATEGORY 0010
SHEET NO: 333 E
WISDOT/CADDS SHEET 42

PROJECT NO: 4640-05-71
FILE NAME: ...032011.mxd
COUNTY: SHEBOYGAN
HWY: STH 28
MISCELLANEOUS QUANTITIES
PLOT NAME: 032011.mxd
PLOT DATE: 1/25/2015 10:12 AM
PLOT BY: ...
PLOT SCALE: 1:1000000

STORM SEWER STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEVATION	FLOWLINE DEPTH (FEET)	611.0530		611.0612		611.0615		611.0624		611.2004		611.2005		611.2006		611.3004		611.3230		611.3253		611.8110		
					MANHOLE COVERS	TYPE J	INLET COVERS	TYPE C	INLET COVERS	TYPE F	INLET COVERS	TYPE H	MANHOLE COVERS	4-FT DIAMETER	5-FT DIAMETER	6-FT DIAMETER	4-FT DIAMETER	2X3-FT INLETS	2.5X3-FT INLETS	ADJUSTING MANHOLE COVERS							
P1	281EB+52	0' LT	687.65	3.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P2	281EB+52	9.70' LT	691.28	3.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	285EB+60	0' LT	702.29	2.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P4	285EB+60	22.68' LT	702.29	2.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P7	290EB+06	89.97' LT	711.28	7.47	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P10	291EB+50	16.70' LT	709.71	3.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P11	291EB+50	0.18' LT	710.27	4.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P12	292EB+38	11.0' LT	710.38	3.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P16	293EB+97	90.38' LT	710.64	4.08	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P15	294EB+12	42.0' LT	710.34	3.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P14	294EB+13	11.0' LT	710.50	3.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P20	298EB+18	16.66' LT	708.34	2.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P21	298EB+18	29.0' LT	708.06	3.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P22	298EB+81	27.40' LT	708.20	4.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	299EB+66	70.14' LT	707.53	3.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	299EB+82	26.30' LT	707.72	4.08	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P29	299EB+99	91.54' LT	707.12	2.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P23	300EB+03	39.73' RT	707.32	4.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	300EB+08	56.40' RT	707.78	6.29	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	302EB+33	52.50' RT	706.32	6.89	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P27	302EB+34	43.58' RT	705.95	3.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	302EB+91	70.17' RT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P33	303EB+00	87.21' LT	705.24	3.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P34	303EB+10	22.0' LT	705.61	3.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P35	303EB+11	30.60' LT	705.68	3.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	303EB+33	46.32' RT	704.07	3.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	303EB+69	49.68' RT	704.68	3.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31A	303EB+31	23.70' LT	711.43	10.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P24	244SE+64	69.95' RT	707.74	4.58	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P25	244SE+90	15.0' RT	708.48	5.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL					6	1	1	1	20	2	1	1	1	1	16	1	1	1	1	1	1	1	1	1	2		

NOTES: (1) INLETS MEASURED TO THE FLANGE LINE OF THE CURB & GUTTER
 (2) DEPTH OF STRUCTURE IS RIM ELEVATION MINUS THE DEPTH OF FRAM AND RINGS, MINUS THE INVERT ELEVATION.
 THE DEPTH OF FRAME AND RINGS IS:
 MANHOLE COVERS TYPE J = 1.07 FT
 INLET COVERS TYPE C = 1.07 FT
 INLET COVERS TYPE F = 0.79 FT
 INLET COVERS TYPE H = 0.83 FT

Addendum No. 01
 ID 4640-05-71
 Revised Sheet 334
 January 7, 2016

UNLESS OTHERWISE NOTED
 ALL ITEMS IN CATEGORY 0010
 SHEET NO: 334 E

PROJECT NO: 4640-05-71 COUNTY: SHEBOYGAN MISCELLANEOUS QUANTITIES PLOT BY: PLOT DATE: 1/25/2015 10:12 AM PLOT NAME: 030201.mxd
 FILE NAME: ...030201.mxd

STORM SEWER STRUCTURES (CONT.)

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEVATION	DEPTH (FEET)	FLOWLINE ELEVATION	611.0530		611.0612		611.0615		611.0624		611.2004		611.2005		611.2006		611.3004		611.3230		611.3253		611.8110		
						MANHOLE	COVERS	INLET	COVERS	INLET	COVERS	INLET	COVERS	INLET	COVERS	INLET	COVERS	INLET	COVERS	INLET	COVERS	INLET	COVERS	INLET	COVERS	INLET	COVERS	INLET
P30	246N+19	63.0' RT	707.73	3.46	704.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P31	246N+37	12.0' RT	707.65	3.12	704.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P36	10T+16	63.30' LT	704.35	3.10	701.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P37	10T+23	64.95' LT	704.33	3.10	701.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39	10T+61	30.88' LT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	10T+62	7.71' RT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	10T+64	40.08' RT	705.18	5.57	699.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P38	10T+93	40.37' RT	704.57	4.56	700.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL						0	0	1	5	0	0	0	0	0	0	0	0	0	0	0	0	4	1	2	0	1	2	
TOTAL						6	1	2	25	2	1	2	1	1	1	1	1	1	1	1	1	20	2	2	4	4	4	

NOTES: (1) INLETS MEASURED TO THE FLANGE LINE OF THE CURB & GUTTER
(2) DEPTH OF STRUCTURE IS RIM ELEVATION MINUS THE DEPTH OF FRAM AND RINGS, MINUS THE INVERT ELEVATION.
THE DEPTH OF FRAME AND RINGS IS:
MANHOLE COVERS TYPE J = 1.07 FT
INLET COVERS TYPE C = 1.07 FT
INLET COVERS TYPE F = 0.79 FT
INLET COVERS TYPE H = 0.83 FT

Addendum No. 01
ID 4640-05-71
Revised Sheet 335
January 7, 2016

APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE

STRUCTURE NUMBER	STATION	OFFSET	PIPE ELEVATION	522.1012		522.1018		633.5200	
				12-INCH	18-INCH	12-INCH	18-INCH	MARKERS	CULVERT	END	EACH
P40	280EB+76	63.59' RT	686.05	-	1	-	1	-	1
P41	281EB+42	71.65' RT	686.47	-	1	-	1	-	1
P3	281EB+50	73.88' LT	686.62	1	-	-	-	-	1
P42	284EB+84	69.67' LT	697.63	-	1	-	1	-	1
P43	285EB+33	70.80' LT	699.13	-	1	-	1	-	1
P5	285EB+60	64.92' LT	699.28	1	-	-	-	-	1
P6	289EB+43	95.09' LT	703.31	-	1	-	1	-	1
P44	289EB+94	72.37' RT	704.98	-	1	-	1	-	1
P45	291EB+02	72.44' RT	705.26	-	1	-	1	-	1
P8	291EB+09	99.27' LT	704.60	-	1	-	1	-	1
P13	291EB+50	66.60' RT	705.48	1	-	-	-	-	1
P17	292EB+66	93.11' LT	705.92	-	1	-	1	-	1
P9	247A+41	51.14' LT	706.68	-	1	-	1	-	1
P48	245A+33	74.42' LT	704.98	-	1	-	1	-	1
P46	244SW+62	39.18' LT	707.34	-	1	-	1	-	1
P47	244SW+62	13.62' RT	707.53	-	1	-	1	-	1
P18	245NW+83	63.97' LT	706.29	-	1	-	1	-	1
P19	245NW+81	9.98' RT	707.20	-	1	-	1	-	1
P26	244SE+06	57.93' RT	705.09	-	1	-	1	-	1
P39	244SE+73	19.73' LT	704.69	-	1	-	1	-	1
TOTAL				3	17		17		20

Addendum No. 01
 ID 4640-05-71
 Revised Sheet 336
 January 7, 2016

UNLESS OTHERWISE NOTED
 ALL ITEMS IN CATEGORY 0010
 SHEET NO: 336 E
 WISDOT/CADDS SHEET 42

PROJECT NO: 4640-05-71
 COUNTY: SHEBOYGAN
 HWY: STH 28
 MISCELLANEOUS QUANTITIES
 PLOT DATE: 1/20/2015 10:12 AM
 PLOT BY:
 PLOT NAME: 030201.mxd
 PLOT SCALE: 1:1000000.00000

Addendum No. 01
ID 4640-05-71
Revised Sheet 339
January 7, 2016

LANDSCAPING ITEMS

STATION	LOCATION	625.0500		627.0200		628.2004		628.2006		628.2008		629.0210		630.0120		630.0130		630.0140		630.0200	
		SALVAGED TOPSOIL	MULCHING	EROSION MAT CLASS I TYPE B	EROSION MAT CLASS I TYPE A	EROSION MAT URBAN CLASS I TYPE B	EROSION MAT URBAN CLASS II TYPE B	FERTILIZER TYPE B	SEEDING MIXTURE NO. 20	SEEDING MIXTURE NO. 30	SEEDING MIXTURE NO. 40	SEEDING TEMPORARY									
262EB-34	RT	214	-	-	-	214	-	-	0.13	5.78	-	-	-	-	-	-	-	-	-	-	5.78
262EB-55	LT	173	-	-	-	173	-	-	0.11	4.67	-	-	-	-	-	-	-	-	-	-	4.67
263EB-17	LT	146	-	-	-	146	-	-	0.09	3.95	-	-	-	-	-	-	-	-	-	-	3.95
263EB-21	RT	184	-	-	-	184	-	-	0.12	4.97	-	-	-	-	-	-	-	-	-	-	4.97
278EB-60	RT	914	732	183	109	-	-	-	0.18	11.30	-	-	-	-	-	-	-	-	-	-	17.66
280EB-02	LT	4318	3869	450	83	-	-	-	1.87	40.09	-	-	-	-	-	-	-	-	-	-	95.81
281EB-25	RT	2954	2504	450	496	-	-	-	2.17	36.27	-	-	-	-	-	-	-	-	-	-	99.84
291EB-01	RT	1622	1322	299	334	-	-	-	1.23	27.92	-	-	-	-	-	-	-	-	-	-	53.18
291EB-03	LT	1205	765	130	334	-	-	-	0.07	13.29	-	-	-	-	-	-	-	-	-	-	24.31
294EB-52	RT	605	203	-	223	-	-	-	0.06	4.79	-	-	-	-	-	-	-	-	-	-	6.13
294EB-68	LT	345	67	-	325	-	-	-	0.16	5.00	-	-	-	-	-	-	-	-	-	-	7.33
299EB-22	RT	782	342	-	235	-	-	-	0.36	5.00	-	-	-	-	-	-	-	-	-	-	20.59
300EB-00	LT	223	26	-	342	-	-	-	0.14	4.01	-	-	-	-	-	-	-	-	-	-	6.02
304EB-34	RT	276	33	-	132	-	-	-	0.02	2.93	-	-	-	-	-	-	-	-	-	-	2.65
304EB-72	LT	145	37	-	115	-	-	-	0.09	2.62	-	-	-	-	-	-	-	-	-	-	3.93
305EB-59	RT	664	-	-	289	-	-	-	-	5.20	-	-	-	-	-	-	-	-	-	-	3.90
244A+06	LT	316	134	-	194	-	-	-	0.20	4.36	-	-	-	-	-	-	-	-	-	-	8.53
244A+07	RT	296	160	136	42	-	-	-	0.19	-	-	-	-	-	-	-	-	-	-	-	8.03
247A+02	RT	309	176	133	22	-	-	-	0.13	4.60	-	-	-	-	-	-	-	-	-	-	6.92
247A+03	LT	243	148	93	35	-	-	-	0.15	3.47	-	-	-	-	-	-	-	-	-	-	6.54
243SW+16	RT	509	509	-	-	-	-	-	0.26	6.65	-	-	-	-	-	-	-	-	-	-	8.91
243SW+16	LT	438	288	150	-	-	-	-	0.27	10.82	-	-	-	-	-	-	-	-	-	-	14.75
245NW+60	RT	554	443	111	-	-	-	-	0.43	2.86	-	-	-	-	-	-	-	-	-	-	18.30
245NW+62	LT	1670	1332	338	55	-	-	-	0.95	29.02	-	-	-	-	-	-	-	-	-	-	58.05
242SE+25	LT	691	524	167	-	-	-	-	-	6.09	-	-	-	-	-	-	-	-	-	-	9.05
242SE+25	RT	492	339	153	98	-	-	-	0.35	10.00	-	-	-	-	-	-	-	-	-	-	14.95
245NE+96	LT	739	402	337	-	-	-	-	0.12	12.23	-	-	-	-	-	-	-	-	-	-	11.74
246NE+24	RT	2654	2133	521	160	-	-	-	1.73	39.49	-	-	-	-	-	-	-	-	-	-	74.46
9T+83	LT	74	-	-	88	-	-	-	0.05	1.33	-	-	-	-	-	-	-	-	-	-	1.99
10T+49	RT	70	-	-	84	-	-	-	0.04	1.19	-	-	-	-	-	-	-	-	-	-	1.69
12T+25	LT	138	30	-	110	-	-	-	0.09	2.48	-	-	-	-	-	-	-	-	-	-	3.71
12T+80	RT	64	14	-	49	-	-	-	0.04	1.15	-	-	-	-	-	-	-	-	-	-	1.72
UNDISTRIBUTED		6007	4129	914	991	182	84	-	-	253	-	-	-	-	-	-	-	-	-	-	-
TOTAL		30035	20660	4565	4945	900	420	-	12	189	-	-	-	-	-	-	-	-	-	-	610

UNLESS OTHERWISE NOTED
ALL ITEMS IN CATEGORY 0010

SHEET NO: 339 E

PROJECT NO: 4640-05-71

COUNTY: SHEBOYGAN

MISCELLANEOUS QUANTITIES

HWY: STH 28

LANDSCAPING ITEMS

FILE NAME : ...030201.mxd

PLOT DATE : 1/23/2015 8:59 AM

PLOT NAME : 030201.mxd

PLOT SCALE : 1:100000:1:000000

Addendum No. 01
 ID 4640-05-71
 Revised Sheet 343
 January 7, 2016

3

ERECTION OF TYPE II, SIGNS AND SUPPORTS

SIGN NO.	LOCATION	SIGN CODE	W X H	637.2210 SIGNS TYPE II FOLDING REFLECTIVE H S. F.	637.2215 SIGNS TYPE II FOLDING REFLECTIVE H S. F.	637.2230 SIGNS TYPE II REFLECTIVE F S. F.	634.0612 POSTS WOOD 4x6x12 EACH	634.0614 POSTS WOOD 4x6x14 EACH	634.0616 POSTS WOOD 4x6x16 EACH	634.0618 POSTS WOOD 4x6x18 EACH	641.8100 OVERHEAD SIGN SUPPORT LS (STR)	REMARKS
119	STH 28, E. OF RAMP TERMINI	D1E-1	48" X 78"	26.00	---	---	---	---	---	---	---	TO BE MOUNTED TO S-59-49 CENTERED OVER LEFT LANE USING WSK3.7 ALUMINUM I-BEAMS
120	"	D1E-1	48" X 90"	30.00	---	---	---	---	---	---	---	TO BE MOUNTED TO S-59-69 CENTERED OVER STRAIGHT THRU LANE USING WSK3.7 ALUMINUM I-BEAMS
121	"	D1E-1	48" X 90"	30.00	---	---	---	---	---	---	---	TO BE MOUNTED TO S-59-69 CENTERED OVER STRAIGHT THRU LANE USING WSK3.7 ALUMINUM I-BEAMS
122	"	D1E-1	48" X 78"	26.00	---	---	---	---	---	---	---	TO BE MOUNTED TO S-59-69 CENTERED OVER STRAIGHT THRU LANE USING WSK3.7 ALUMINUM I-BEAMS
123	"	R11-54E	48" X 30"	6.25	10.00	---	---	---	---	---	---	TO BE MOUNTED TO S-59-72 CENTERED OVER RIGHT LANE USING WSK3.7 ALUMINUM I-BEAMS
124	"	R3-7E	30" X 30"	2.50	---	---	---	---	---	---	---	TO BE MOUNTED TO S-59-72 CENTERED OVER RIGHT LANE USING WSK3.7 ALUMINUM I-BEAMS
125	"	R10-50	30" X 36"	9.25	---	---	---	---	---	---	---	TO BE MOUNTED TO S-59-72 CENTERED OVER RIGHT LANE USING WSK3.7 ALUMINUM I-BEAMS
126	STH 28, AT TAYLOR DR. INTERSECTION	R11-1E	36" X 30"	6.50	7.46	4.00	---	---	---	---	---	TO BE MOUNTED ON MONOTUBE SIGNAL ARM NEXT TO FLASHING YELLOW HEAD JCT I-43
127	"	W12-1D	24" X 24"	---	---	---	---	---	---	---	---	TO BE MOUNTED ON MONOTUBE SIGNAL ARM NEXT TO FLASHING YELLOW HEAD
128	"	W12-2D	36" X 31"	3.88	---	---	---	---	---	---	---	TO BE MOUNTED ON MONOTUBE SIGNAL ARM NEXT TO FLASHING YELLOW HEAD
129	"	R10-50	30" X 36"	7.50	---	---	---	---	---	---	---	TO BE MOUNTED ON MONOTUBE SIGNAL ARM NEXT TO FLASHING YELLOW HEAD
130	"	R10-50	30" X 36"	7.50	---	---	---	---	---	---	---	TO BE MOUNTED ON MONOTUBE SIGNAL ARM NEXT TO FLASHING YELLOW HEAD
131	"	R10-50	30" X 36"	7.50	---	---	---	---	---	---	---	TO BE MOUNTED ON MONOTUBE SIGNAL ARM NEXT TO FLASHING YELLOW HEAD
132	TAYLOR DRIVE, AT STH 28 INTERSECTION	R5-1	30" X 30"	6.25	---	---	---	---	---	---	---	TO BE MOUNTED TO S-59-72 CENTERED OVER STRAIGHT THRU LANE USING WSK3.7 ALUMINUM I-BEAMS
133	"	R5-1	30" X 30"	6.25	---	---	---	---	---	---	---	TO BE MOUNTED TO S-59-72 CENTERED OVER STRAIGHT THRU LANE USING WSK3.7 ALUMINUM I-BEAMS
134	"	R5-2B	24" X 30"	5.00	---	---	---	---	---	---	---	TO BE MOUNTED TO S-59-72 CENTERED OVER STRAIGHT THRU LANE USING WSK3.7 ALUMINUM I-BEAMS
135	"	W12-1D	24" X 24"	---	---	---	---	---	---	---	---	TO BE MOUNTED TO S-59-72 CENTERED OVER STRAIGHT THRU LANE USING WSK3.7 ALUMINUM I-BEAMS
136	"	W12-1D	24" X 24"	---	---	---	---	---	---	---	---	TO BE MOUNTED TO S-59-72 CENTERED OVER STRAIGHT THRU LANE USING WSK3.7 ALUMINUM I-BEAMS
137	TAYLOR DRIVE, N. OF STH 28	D1E-1	48" X 90"	30.00	---	---	---	---	---	---	---	TO BE MOUNTED TO S-59-72 CENTERED OVER STRAIGHT THRU LANE USING WSK3.7 ALUMINUM I-BEAMS
138	"	D1E-1	48" X 90"	30.00	---	---	---	---	---	---	---	TO BE MOUNTED TO S-59-72 CENTERED OVER STRAIGHT THRU LANE USING WSK3.7 ALUMINUM I-BEAMS
139	"	D1E-1	48" X 78"	26.00	---	---	---	---	---	---	---	TO BE MOUNTED TO S-59-72 CENTERED OVER STRAIGHT THRU LANE USING WSK3.7 ALUMINUM I-BEAMS
140	"	D1E-1	48" X 78"	26.00	---	---	---	---	---	---	---	TO BE MOUNTED TO S-59-72 CENTERED OVER STRAIGHT THRU LANE USING WSK3.7 ALUMINUM I-BEAMS
141	"	D1E-1	48" X 90"	30.00	---	---	---	---	---	---	---	TO BE MOUNTED TO S-59-72 CENTERED OVER STRAIGHT THRU LANE USING WSK3.7 ALUMINUM I-BEAMS
142	TAYLOR DRIVE, AT STH 28 INTERSECTION	R11-1E	36" X 36"	7.50	7.46	---	---	---	---	---	---	TO BE MOUNTED ON MONOTUBE SIGNAL ARM NEXT TO FLASHING YELLOW HEAD
143	"	R10-50	30" X 36"	7.50	---	---	---	---	---	---	---	TO BE MOUNTED ON MONOTUBE SIGNAL ARM NEXT TO FLASHING YELLOW HEAD
144	"	R4-7	24" X 30"	5.00	---	---	---	---	---	---	---	TO BE MOUNTED ON MONOTUBE SIGNAL ARM NEXT TO FLASHING YELLOW HEAD
145	"	R11-1E	36" X 36"	---	7.46	---	---	---	---	---	---	TO BE MOUNTED ON MONOTUBE SIGNAL ARM NEXT TO FLASHING YELLOW HEAD
146	"	W12-1D	24" X 24"	---	---	4.00	---	---	---	---	---	TO BE MOUNTED ON MONOTUBE SIGNAL ARM NEXT TO FLASHING YELLOW HEAD
147	"	W6-2B	24" X 30"	5.00	---	---	---	---	---	---	---	TO BE MOUNTED ON MONOTUBE SIGNAL ARM NEXT TO FLASHING YELLOW HEAD
148	"	R1-2	36" X 31"	3.88	---	---	---	---	---	---	---	TO BE MOUNTED ON MONOTUBE SIGNAL ARM NEXT TO FLASHING YELLOW HEAD
149	"	R4-7	24" X 30"	5.00	---	---	---	---	---	---	---	TO BE MOUNTED ON MONOTUBE SIGNAL ARM NEXT TO FLASHING YELLOW HEAD
150	STH 28, AT TAYLOR DR. INTERSECTION	R4-7	24" X 30"	5.00	---	---	---	---	---	---	---	TO BE MOUNTED ON MONOTUBE SIGNAL ARM NEXT TO FLASHING YELLOW HEAD
151	"	R10-50	30" X 36"	7.50	---	---	---	---	---	---	---	TO BE MOUNTED ON MONOTUBE SIGNAL ARM NEXT TO FLASHING YELLOW HEAD
152	"	R1-2	36" X 31"	3.88	---	---	---	---	---	---	---	TO BE MOUNTED ON MONOTUBE SIGNAL ARM NEXT TO FLASHING YELLOW HEAD
153	"	W12-1D	24" X 24"	---	---	---	---	---	---	---	---	TO BE MOUNTED ON MONOTUBE SIGNAL ARM NEXT TO FLASHING YELLOW HEAD
154	"	R11-1E	36" X 36"	---	7.46	---	---	---	---	---	---	TO BE MOUNTED ON MONOTUBE SIGNAL ARM NEXT TO FLASHING YELLOW HEAD
155	STH 28, E. OF TAYLOR DRIVE	D1E-1	48" X 78"	26.00	---	---	---	---	---	---	---	TO BE MOUNTED TO S-59-70 OVER STRAIGHT THRU LANE USING WSK3.7 ALUMINUM I-BEAMS
156	"	D1E-1	48" X 78"	26.00	---	---	---	---	---	---	---	TO BE MOUNTED TO S-59-70 OVER STRAIGHT THRU LANE USING WSK3.7 ALUMINUM I-BEAMS
157	"	D1E-1	48" X 78"	26.00	---	---	---	---	---	---	---	TO BE MOUNTED TO S-59-70 OVER STRAIGHT THRU LANE USING WSK3.7 ALUMINUM I-BEAMS
158	TAYLOR DRIVE, S. OF STH 28	D1E-2	90" X 90"	56.25	---	---	---	---	---	---	---	TO BE MOUNTED TO S-59-71 CENTERED OVER LEFT LANE USING WSK3.7 ALUMINUM I-BEAMS
159	"	D1E-2	90" X 90"	56.25	---	---	---	---	---	---	---	TO BE MOUNTED TO S-59-71 CENTERED OVER LEFT LANE USING WSK3.7 ALUMINUM I-BEAMS
160	PARK N. RIDE	R7-8A	18" X 24"	3.00	---	---	---	---	---	---	---	SIGN LOCATED IN PARK & RIDE SEE SHEET 104
161	PARK N. RIDE	R7-8A	18" X 24"	3.00	---	---	---	---	---	---	---	SIGN LOCATED IN PARK & RIDE SEE SHEET 104
PAGE SUBTOTALS				580.89	39.84	16.00	6	12	0	0	3	
PROJECT TOTALS				1399.63	117.60	102.00	16	78	12	3	4	

PLAN SHEET PRODUCED
 BY WisDOT - NE REGION

3

PAVEMENT MARKING EPOXY (CONTINUED)

STATION	LOCATION	ARROWS		EPOXY		SYMBOLS		EPOXY "HANDICAP"
		TYPE 2	TYPE 3	EACH	EACH	EACH	EACH	
27988 - 280EB+55	BIKELANE	-	-	-	-	-	-	647.0256
287EB+98 - 289EB+77	BIKE AND TURN LANE	4	-	2	-	-	-	647.0166 647.0176 647.0356
291WB+28 - 293WB+35	TURN LANE	4	-	2	-	-	-	
291EB+33 - 294EB+10	RT LANE LINES	2	-	2	-	-	-	
294EB+89 - 298EB+23	TURN LANE	2	-	2	-	-	-	
294WB+89 - 298WB+23	TURN LANE	2	-	2	-	-	-	
300EB+09 - 303EB+12	RT TURN LANE	2	-	2	-	-	-	
300EB+74 - 303EB+12	LT TURN LANE	4	-	4	-	-	-	
300WB+45 - 302WB+83	RT TURN LANE	1	-	1	-	-	-	
304WB+65 - 306WB+99	LT TURN LANE	1	-	1	-	-	-	
304WB+90 - 305WB+60	RT TURN LANE	1	-	1	-	-	-	
309EB+55 - 310EB+54	LT TURN LANE	1	-	1	-	-	-	
243A+00 - 244A+72	SB RT TURN	2	-	2	-	-	-	
243A+00 245A+57	NB TURN LANE	3	-	3	-	-	-	
247A+02 248A+41	SB TURN LANE	3	-	2	-	-	-	
245NW+70 - 249NW+80	TURN LANE	6	3	4	-	-	-	
238SE+82 - 245E+19	TURN LANE	6	3	4	-	-	-	
91T+17 - 111T+02	TURN LANE	4	-	2	-	-	-	
12T+28 - 13T+28	RT TURN LANE	2	-	2	-	-	-	
12T+44 - 14T+38	LT TURN LANE	1	-	1	-	-	-	
PARK N RIDE		51	6	40				2
TOTAL								2

Addendum No. 01
 ID 4640-05-71
 Revised Sheet 361
 January 7, 2016

UNLESS OTHERWISE NOTED
 ALL ITEMS IN CATEGORY 0010
 SHEET NO: 361 E
 WISDOT/CADDS SHEET 42

COUNTY: SHEBOYGAN

HWY: STH 28

PROJECT NO: 4640-05-71

FILE NAME : ...03201.mxd PLOT DATE : 1/23/2015 12:55PM PLOT BY : PLOT NAME : 03201.mxd PLOT SCALE : 1:100000:1:00000

STATION	LOCATION	CONSTRUCTION STAKING									
		650.4500 SUBGRADE	650.5500 CURB, GUTTER, AND CURB & GUTTER	650.6500 STRUCTURE LAYOUT	650.7000 CONCRETE PAVEMENT	650.8000 RESURFACING REFERENCE	650.8500 ELECTRICAL INSTALLATIONS (PROJECT)	650.9910 SUPPLEMENTAL CONTROL (PROJECT)	650.9920 SLOPE STAKES		
		LF	LS	LF	LS	LF	LS	LF	LS	LF	
PROJECT 4640-05-71		-	1	-	-	-	1	-	-	-	
244+94 - 258+77	LT	-	-	-	-	-	-	-	-	-	
245+77 - 258+63	RT	-	-	-	-	-	-	-	-	-	
268+39 - 270+64	LT	-	-	-	-	-	-	-	-	-	
270+64 - 280+00	LT	-	-	-	936	-	-	-	-	-	
272+14 - 280+00	RT	-	-	-	786	-	-	-	-	-	
278+60 - 280+00	RT	140	-	-	-	-	-	-	-	140	
280WB+00 - 305WB+59	MAINLINE	2559	-	-	2559	-	-	-	-	2559	
280EB+00 - 305EB+59	MAINLINE	2559	-	-	2559	-	-	-	-	2559	
309WB+76 - 310WB+55	MAINLINE	-	-	-	-	-	-	-	-	-	
237SW+71 - 243SW+16	SW RAMP	-	-	-	-	545	-	-	-	176	
243SW+16 - 244SW+92	SW RAMP	176	-	-	176	-	-	-	-	176	
245NW+54 - 249NW+43	NW RAMP	389	-	-	389	-	-	-	-	389	
249NW+43 - 252NW+00	NW RAMP	-	-	-	-	257	-	-	-	-	
237SE+16 - 242SE+25	SE RAMP	-	-	-	-	509	-	-	-	-	
242SE+25 - 245SE+08	SE RAMP	283	-	-	283	-	-	-	-	283	
245NE+95 - 246NE+56	NE RAMP	61	-	-	61	-	-	-	-	61	
246NE+56 - 249NE+36	NE RAMP	280	-	-	280	-	-	-	-	280	
249NE+36 - 253NE+62	NE RAMP	426	-	-	-	426	-	-	-	426	
244A+07 - 245A+26	C+H A	119	-	-	-	-	-	-	-	119	
245A+26 - 245A+80	C+H A	54	-	-	-	-	-	-	-	54	
246A+34 - 247A+31	C+H A	97	-	-	-	-	-	-	-	97	
247A+31 - 247A+74	C+H A	43	-	-	-	-	-	-	-	43	
8T+35 - 9T+36	TAYLOR DR	-	-	-	-	-	-	-	-	-	
10T+49 - 11T+78	TAYLOR DR	129	-	-	-	-	-	-	-	129	
11T+78 - 13T+29	TAYLOR DR	151	-	-	151	-	-	-	-	151	
13T+29 - 14T+68	TAYLOR DR	-	-	-	-	-	-	-	-	-	
TOTAL		7466	1	6738	3459	1	1	7466			

650.6500 IS IN CATEGORY 0020

Addendum No. 01
ID 4640-05-71
Revised Sheet 362
January 7, 2016

PROJECT NO: 4640-05-71	HWY: STH 28	COUNTY: SHEBOYGAN	MISCELLANEOUS QUANTITIES	PLOT NAME: 03201.mq	PLOT SCALE: 1:100000:1:00000	SHEET NO: 362	E
FILE NAME: ...03201.mq.ppt							UNLESS OTHERWISE NOTED ALL ITEMS IN CATEGORY 0010
							WISDOT/CADDS SHEET 42

Addendum No. 01
ID 4640-05-71
Revised Sheet 363
January 7, 2016

SAWING		ASPHALT		CONCRETE	
STATION	LOCATION	LF	LF	LF	LF
0+00P	LT/RT	60	-	-	-
270+64	LT/RT	24	-	-	-
270+64 - 272+14	LT	155	-	-	-
272+64 - 276+58	LT/RT	900	-	-	-
280EB+00	RT	-	40	40	-
280WB+00	LT	-	36	36	-
281EB+00	RT	-	30	30	-
305EB+15	LT/RT	-	100	100	-
244A+06	LT/RT	48	-	-	-
247A+74	LT/RT	40	-	-	-
237SW+71	LT/RT	-	20	20	-
243SW+20	LT/RT	-	20	20	-
249NW+45	LT/RT	-	20	20	-
252NW+00	LT/RT	-	20	20	-
237SE+16	LT/RT	-	24	24	-
242SE+25	LT/RT	-	30	30	-
249NE+30-253NE+60	LT/RT	-	470	470	-
TOTAL		1227	810	810	

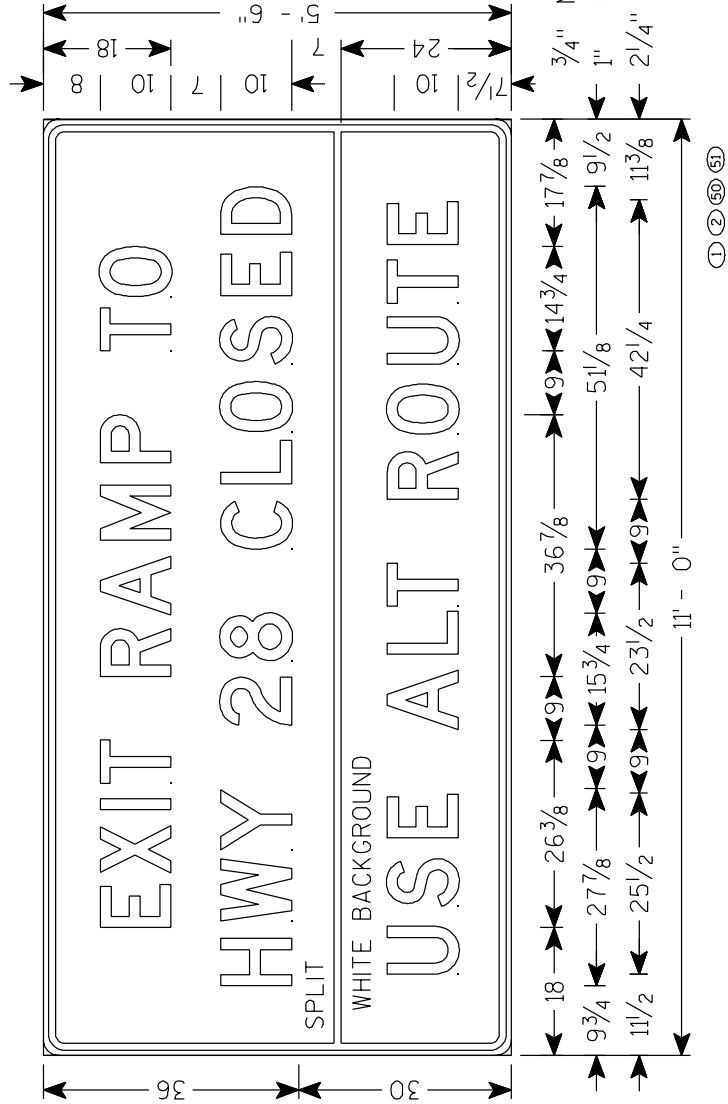
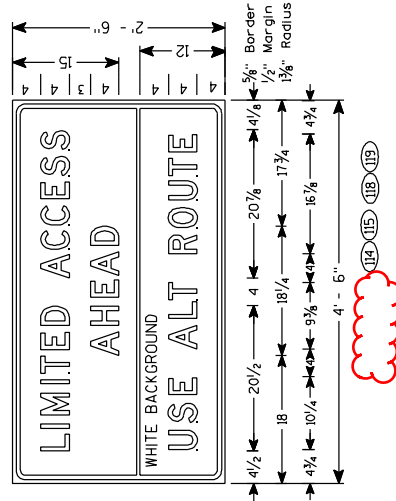
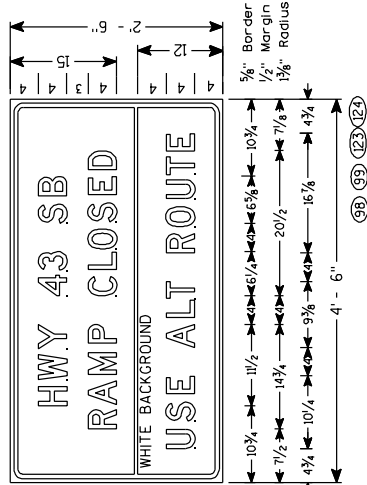
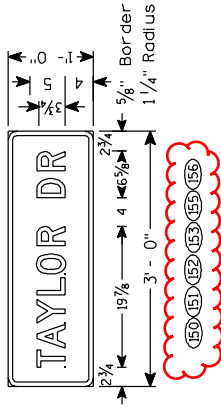
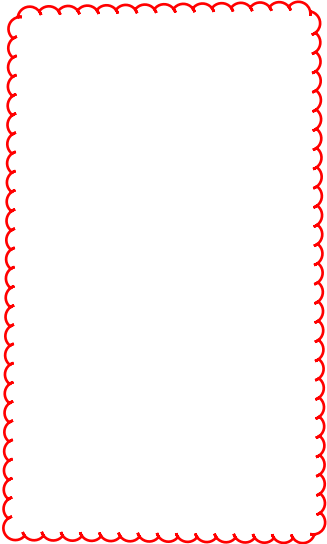
BICYCLE RACK ASPHALT OR CONCRETE-MOUNTED		999.1950.S	
LOCATION	EACH		
PARK AND RIDE LOT	1		
TOTALS	1		
WALL MODULAR BLOCK GRAVITY LRFD			
SPV.0165.02			
STATION	LOCATION	SF	
305+00EB - 307+50EB	RT	840	
TOTALS		840	
RAILING STEEL PIPE			
GALVANIZED PEDESTRIAN			
SPV.0105.07			
STATION	LOCATION	LS	
305+00EB - 307+50EB	RT	1	
TOTALS		1	

UNLESS OTHERWISE NOTED
ALL ITEMS IN CATEGORY 0010

NOTES

1. All Signs Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - ORANGE except as Shown
Message - BLACK
Message Series - D

Addendum No. 01
ID 4640-05-71
Revised Sheet 484
January 7, 2016



SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20160112022PROJECT(S):
4640-05-71FEDERAL ID(S):
WISC 2016038

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS

SECTION 0001 Contract Items

0010	203.0100 Removing Small Pipe Culverts	7.000 EACH	.	.	.	.
0020	203.0200 Removing Old Structure (station) 01. 263+00	LUMP	LUMP	.	.	.
0030	204.0100 Removing Pavement	26,780.000 SY	.	.	.	.
0040	204.0110 Removing Asphaltic Surface	3,930.000 SY	.	.	.	.
0050	204.0115 Removing Asphaltic Surface Butt Joints	1,690.000 SY	.	.	.	.
0060	204.0120 Removing Asphaltic Surface Milling	10,820.000 SY	.	.	.	.
0070	204.0150 Removing Curb & Gutter	1,420.000 LF	.	.	.	.
0080	204.0155 Removing Concrete Sidewalk	1,220.000 SY	.	.	.	.
0090	204.0170 Removing Fence	430.000 LF	.	.	.	.
0100	204.0180 Removing Delineators and Markers	12.000 EACH	.	.	.	.

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20160112022PROJECT(S):
4640-05-71FEDERAL ID(S):
WISC 2016038

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0110	204.0195 Removing Concrete Bases	60.000 EACH	.		.	
0120	204.0210 Removing Manholes	2.000 EACH	.		.	
0130	204.0220 Removing Inlets	21.000 EACH	.		.	
0140	204.0245 Removing Storm Sewer (size) 01. 12-INCH	468.000 LF	.		.	
0150	204.0245 Removing Storm Sewer (size) 02. 18-INCH	284.000 LF	.		.	
0160	204.0245 Removing Storm Sewer (size) 03. 24-INCH	187.000 LF	.		.	
0170	204.0245 Removing Storm Sewer (size) 04. 30-INCH	70.000 LF	.		.	
0180	204.0245 Removing Storm Sewer (size) 05. 36-INCH	31.000 LF	.		.	
0190	205.0100 Excavation Common	30,600.000 CY	.		.	
0200	206.2000 Excavation for Structures Culverts (structure) 01. B-59-102	LUMP	LUMP		.	
0210	206.5000 Cofferdams (structure) 01. B-59-102	LUMP	LUMP		.	

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20160112022PROJECT(S):
4640-05-71FEDERAL ID(S):
WISC 2016038

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0220	210.0100 Backfill Structure	140.000 CY	.	.	.	.
0230	211.0400 Prepare Foundation for Asphaltic Shoulders	49.000 STA	.	.	.	.
0250	213.0100 Finishing Roadway (project) 01. 4640-05-71	1.000 EACH	.	.	.	.
0260	305.0110 Base Aggregate Dense 3/4-Inch	1,003.000 TON	.	.	.	.
0270	305.0120 Base Aggregate Dense 1 1/4-Inch	17,252.000 TON	.	.	.	.
0290	313.0110 Pit Run	22,711.000 TON	.	.	.	.
0300	320.0145 Concrete Base 8-Inch	400.000 SY	.	.	.	.
0310	415.0080 Concrete Pavement 8-Inch	24,295.000 SY	.	.	.	.
0320	415.1080 Concrete Pavement HES 8-Inch	7,149.000 SY	.	.	.	.
0330	416.0610 Drilled Tie Bars	971.000 EACH	.	.	.	.
0340	416.0620 Drilled Dowel Bars	905.000 EACH	.	.	.	.

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20160112022PROJECT(S):
4640-05-71FEDERAL ID(S):
WISC 2016038

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0350	416.1010 Concrete Surface Drains	1.330 CY	.	.	.	.
0360	440.4410 Incentive IRI Ride	6,000.000 DOL	1.00000	.	6000.00	.
0370	455.0105 Asphaltic Material PG58-28	163.000 TON	.	.	.	.
0380	455.0605 Tack Coat	657.000 GAL	.	.	.	.
0390	460.1100 HMA Pavement Type E-0.3	964.000 TON	.	.	.	.
0400	460.1103 HMA Pavement Type E-3	2,003.000 TON	.	.	.	.
0410	460.2000 Incentive Density HMA Pavement	1,933.000 DOL	1.00000	.	1933.00	.
0420	460.4110.S Reheating HMA Pavement Longitudinal Joints	500.000 LF	.	.	.	.
0430	465.0105 Asphaltic Surface	230.000 TON	.	.	.	.
0440	465.0125 Asphaltic Surface Temporary	1,019.000 TON	.	.	.	.
0450	465.0315 Asphaltic Flumes	24.000 SY	.	.	.	.

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20160112022PROJECT(S):
4640-05-71FEDERAL ID(S):
WISC 2016038

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0460	502.5002 Masonry Anchors Type L No. 4 Bars	76.000 EACH	.		.	
0470	504.0100 Concrete Masonry Culverts	34.000 CY	.		.	
0480	505.0400 Bar Steel Reinforcement HS Structures	790.000 LB	.		.	
0490	505.0600 Bar Steel Reinforcement HS Coated Structures	1,710.000 LB	.		.	
0500	516.0500 Rubberized Membrane Waterproofing	21.000 SY	.		.	
0510	520.8000 Concrete Collars for Pipe	8.000 EACH	.		.	
0520	522.0118 Culvert Pipe Reinforced Concrete Class III 18-Inch	253.000 LF	.		.	
0530	522.0318 Culvert Pipe Reinforced Concrete Class IV 18-Inch	558.000 LF	.		.	
0540	522.1012 Apron Endwalls for Culvert Pipe Reinforced Concrete 12-Inch	3.000 EACH	.		.	
0550	522.1018 Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	17.000 EACH	.		.	

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20160112022PROJECT(S):
4640-05-71FEDERAL ID(S):
WISC 2016038

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0560	601.0105 Concrete Curb Type A	37.000 LF	.	.	.	.
0570	601.0405 Concrete Curb & Gutter 18-Inch Type A	750.000 LF	.	.	.	.
0580	601.0409 Concrete Curb & Gutter 30-Inch Type A	9,550.000 LF	.	.	.	.
0590	601.0411 Concrete Curb & Gutter 30-Inch Type D	239.000 LF	.	.	.	.
0600	601.0600 Concrete Curb Pedestrian	37.000 LF	.	.	.	.
0610	602.0410 Concrete Sidewalk 5-Inch	15,115.000 SF	.	.	.	.
0620	602.0505 Curb Ramp Detectable Warning Field Yellow	138.000 SF	.	.	.	.
0630	604.0400 Slope Paving Concrete	281.000 SY	.	.	.	.
0640	604.0600 Slope Paving Select Crushed Material	200.000 SY	.	.	.	.
0650	606.0100 Riprap Light	10.300 CY	.	.	.	.
0660	608.0312 Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	500.000 LF	.	.	.	.

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20160112022PROJECT(S):
4640-05-71FEDERAL ID(S):
WISC 2016038

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0670	608.0318 Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	187.000 LF	.		.	
0680	608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	214.000 LF	.		.	
0690	611.0420 Reconstructing Manholes	8.000 EACH	.		.	
0700	611.0530 Manhole Covers Type J	6.000 EACH	.		.	
0710	611.0612 Inlet Covers Type C	1.000 EACH	.		.	
0720	611.0615 Inlet Covers Type F	2.000 EACH	.		.	
0730	611.0624 Inlet Covers Type H	25.000 EACH	.		.	
0740	611.2004 Manholes 4-FT Diameter	2.000 EACH	.		.	
0750	611.2005 Manholes 5-FT Diameter	1.000 EACH	.		.	
0760	611.2006 Manholes 6-FT Diameter	1.000 EACH	.		.	
0770	611.3004 Inlets 4-FT Diameter	1.000 EACH	.		.	

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20160112022PROJECT(S):
4640-05-71FEDERAL ID(S):
WISC 2016038

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0780	611.3230 Inlets 2x3-FT	20.000 EACH	.		.	
0790	611.3253 Inlets 2.5x3-FT	2.000 EACH	.		.	
0800	611.8110 Adjusting Manhole Covers	4.000 EACH	.		.	
0810	616.0100 Fence Woven Wire (height) 01. 4. 5-FEET	430.000 LF	.		.	
0820	619.1000 Mobilization	1.000 EACH	.		.	
0830	620.0300 Concrete Median Sloped Nose	530.000 SF	.		.	
0840	623.0200 Dust Control Surface Treatment	42,540.000 SY	.		.	
0850	624.0100 Water	250.000 MGAL	.		.	
0860	625.0500 Salvaged Topsoil	30,035.000 SY	.		.	
0870	627.0200 Mulching	20,660.000 SY	.		.	
0880	628.1504 Silt Fence	1,680.000 LF	.		.	

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20160112022PROJECT(S):
4640-05-71FEDERAL ID(S):
WISC 2016038

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0890	628.1520 Silt Fence Maintenance	1,680.000 LF	.	.	.	.
0900	628.1905 Mobilizations Erosion Control	21.000 EACH	.	.	.	.
0910	628.1910 Mobilizations Emergency Erosion Control	6.000 EACH	.	.	.	.
0920	628.2004 Erosion Mat Class I Type B	4,565.000 SY	.	.	.	.
0930	628.2006 Erosion Mat Urban Class I Type A	4,945.000 SY	.	.	.	.
0940	628.2008 Erosion Mat Urban Class I Type B	900.000 SY	.	.	.	.
0950	628.2023 Erosion Mat Class II Type B	420.000 SY	.	.	.	.
0960	628.7005 Inlet Protection Type A	10.000 EACH	.	.	.	.
0970	628.7010 Inlet Protection Type B	11.000 EACH	.	.	.	.
0980	628.7015 Inlet Protection Type C	44.000 EACH
0990	628.7555 Culvert Pipe Checks	100.000 EACH

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			DOLLARS	CTS	DOLLARS	CTS
1000	628.7570 Rock Bags	19.000 EACH	.		.	
1010	629.0210 Fertilizer Type B	12.000 CWT	.		.	
1020	630.0120 Seeding Mixture No. 20	253.000 LB	.		.	
1030	630.0130 Seeding Mixture No. 30	189.000 LB	.		.	
1040	630.0140 Seeding Mixture No. 40	119.000 LB	.		.	
1050	633.0100 Delineator Posts Steel	16.000 EACH	.		.	
1060	633.0500 Delineator Reflectors	16.000 EACH	.		.	
1070	633.5200 Markers Culvert End	20.000 EACH	.		.	
1080	634.0612 Posts Wood 4x6-Inch X 12-FT	16.000 EACH	.		.	
1090	634.0614 Posts Wood 4x6-Inch X 14-FT	78.000 EACH	.		.	
1100	634.0616 Posts Wood 4x6-Inch X 16-FT	12.000 EACH	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1110	634.0618 Posts Wood 4x6-Inch X 18-FT	3.000 EACH	.		.	
1120	635.0200 Sign Supports Structural Steel HS	1,956.000 LB	.		.	
1130	636.0100 Sign Supports Concrete Masonry	3.200 CY	.		.	
1140	636.0500 Sign Supports Steel Reinforcement	196.000 LB	.		.	
1150	637.1220 Signs Type I Reflective SH	494.000 SF	.		.	
1160	637.2210 Signs Type II Reflective H	1,399.630 SF	.		.	
1170	637.2215 Signs Type II Reflective H Folding	117.600 SF	.		.	
1180	637.2230 Signs Type II Reflective F	102.000 SF	.		.	
1190	638.2601 Removing Signs Type I	2.000 EACH	.		.	
1200	638.2602 Removing Signs Type II	103.000 EACH	.		.	
1210	638.3000 Removing Small Sign Supports	70.000 EACH	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
1220	641.8100 Overhead Sign Support (structure) 01. S-59-20	LUMP	LUMP			.
1230	641.8100 Overhead Sign Support (structure) 02. S-59-24	LUMP	LUMP			.
1240	641.8100 Overhead Sign Support (structure) 03. S-59-22	LUMP	LUMP			.
1250	641.8100 Overhead Sign Support (structure) 04. S-59-23	LUMP	LUMP			.
1260	642.5201 Field Office Type C	EACH 1.000	.			.
1270	643.0200 Traffic Control Surveillance and Maintenance (project) 01. 4640-05-71	DAY 165.000	.			.
1280	643.0300 Traffic Control Drums	DAY 52,530.000	.			.
1290	643.0420 Traffic Control Barricades Type III	DAY 9,715.000	.			.
1300	643.0500 Traffic Control Flexible Tubular Marker Posts	EACH 287.000	.			.
1310	643.0600 Traffic Control Flexible Tubular Marker Bases	EACH 287.000	.			.
1320	643.0705 Traffic Control Warning Lights Type A	DAY 12,745.000	.			.

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			DOLLARS	CTS	DOLLARS	CTS
1330	643.0715 Traffic Control Warning Lights Type C	8,240.000 DAY
1340	643.0900 Traffic Control Signs	10,610.000 DAY	.	.	.	.
1350	643.0910 Traffic Control Covering Signs Type I	2.000 EACH	.	.	.	.
1360	643.0920 Traffic Control Covering Signs Type II	8.000 EACH	.	.	.	.
1370	643.1000 Traffic Control Signs Fixed Message	332.000 SF	.	.	.	.
1380	643.1050 Traffic Control Signs PCMS	170.000 DAY	.	.	.	.
1390	643.2000 Traffic Control Detour (project) 01. 4640-05-71	1.000 EACH	.	.	.	.
1400	643.3000 Traffic Control Detour Signs	15,438.000 DAY	.	.	.	.
1410	645.0130 Geotextile Fabric Type R	31.000 SY	.	.	.	.
1420	646.0106 Pavement Marking Epoxy 4-Inch	17,668.000 LF
1430	646.0126 Pavement Marking Epoxy 8-Inch	8,670.000 LF

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			DOLLARS	CTS	DOLLARS	CTS
1440	647.0166 Pavement Marking Arrows Epoxy Type 2	51.000 EACH	.		.	
1450	647.0176 Pavement Marking Arrows Epoxy Type 3	6.000 EACH	.		.	
1460	647.0356 Pavement Marking Words Epoxy	40.000 EACH	.		.	
1470	647.0456 Pavement Marking Curb Epoxy	531.000 LF	.		.	
1480	647.0566 Pavement Marking Stop Line Epoxy 18-Inch	480.000 LF	.		.	
1490	647.0606 Pavement Marking Island Nose Epoxy	10.000 EACH	.		.	
1500	647.0656 Pavement Marking Parking Stall Epoxy	950.000 LF	.		.	
1510	647.0706 Pavement Marking Diagonal Epoxy 6-Inch	40.000 LF	.		.	
1530	647.0726 Pavement Marking Diagonal Epoxy 12-Inch	1,006.000 LF	.		.	
1550	647.0766 Pavement Marking Crosswalk Epoxy 6-Inch	566.000 LF	.		.	
1560	647.0796 Pavement Marking Crosswalk Epoxy 24-Inch	48.000 LF	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
1570	649.0400 Temporary Pavement Marking Removable Tape 4-Inch	78,810.000 LF	.		.	
1580	649.0801 Temporary Pavement Marking Removable Tape 8-Inch	5,340.000 LF	.		.	
1590	649.1000 Temporary Pavement Marking Stop Line Removable Tape 12-Inch	250.000 LF	.		.	
1600	650.4500 Construction Staking Subgrade	7,466.000 LF	.		.	
1610	650.5500 Construction Staking Curb Gutter and Curb & Gutter	319.000 LF	.		.	
1620	650.6500 Construction Staking Structure Layout (structure) 01. B-59-102	LUMP	LUMP		.	
1630	650.7000 Construction Staking Concrete Pavement	6,738.000 LF	.		.	
1640	650.8000 Construction Staking Resurfacing Reference	3,459.000 LF	.		.	
1650	650.8500 Construction Staking Electrical Installations (project) 01. 4640-05-71	LUMP	LUMP		.	
1660	650.9910 Construction Staking Supplemental Control (project) 01. 4640-05-71	LUMP	LUMP		.	

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			DOLLARS	CTS	DOLLARS	CTS
1670	650.9920 Construction Staking Slope Stakes	7,466.000 LF
1680	652.0210 Conduit Rigid Nonmetallic Schedule 40 1-Inch	1,490.000 LF	.	.	.	.
1690	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	2,041.000 LF	.	.	.	.
1700	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	6,341.000 LF	.	.	.	.
1710	652.0700.S Install Conduit into Existing Item	2.000 EACH	.	.	.	.
1720	652.0800 Conduit Loop Detector	2,780.000 LF	.	.	.	.
1730	653.0105 Pull Boxes Steel 12x24-Inch	40.000 EACH	.	.	.	.
1740	653.0135 Pull Boxes Steel 24x36-Inch	4.000 EACH	.	.	.	.
1750	653.0140 Pull Boxes Steel 24x42-Inch	50.000 EACH	.	.	.	.
1760	653.0905 Removing Pull Boxes	81.000 EACH
1770	654.0101 Concrete Bases Type 1	24.000 EACH

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			DOLLARS	CTS	DOLLARS	CTS
1780	654.0102 Concrete Bases Type 2	8.000 EACH	.		.	
1790	654.0105 Concrete Bases Type 5	6.000 EACH	.		.	
1800	654.0110 Concrete Bases Type 10	3.000 EACH	.		.	
1810	654.0113 Concrete Bases Type 13	11.000 EACH	.		.	
1820	654.0217 Concrete Control Cabinet Bases Type 9 Special	4.000 EACH	.		.	
1830	654.0220 Concrete Control Cabinet Bases Type 10	1.000 EACH	.		.	
1840	655.0230 Cable Traffic Signal 5-14 AWG	8,295.000 LF	.		.	
1850	655.0240 Cable Traffic Signal 7-14 AWG	1,278.000 LF	.		.	
1860	655.0260 Cable Traffic Signal 12-14 AWG	5,206.000 LF	.		.	
1870	655.0270 Cable Traffic Signal 15-14 AWG	1,476.000 LF	.		.	
1880	655.0305 Cable Type UF 2-12 AWG Grounded	2,780.000 LF	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
1890	655.0320 Cable Type UF 2-10 AWG Grounded	1,691.000 LF	.		.	
1900	655.0515 Electrical Wire Traffic Signals 10 AWG	9,170.000 LF	.		.	
1910	655.0610 Electrical Wire Lighting 12 AWG	1,800.000 LF	.		.	
1920	655.0615 Electrical Wire Lighting 10 AWG	1,800.000 LF	.		.	
1930	655.0700 Loop Detector Lead In Cable	7,602.000 LF	.		.	
1940	655.0800 Loop Detector Wire	7,752.000 LF	.		.	
1950	656.0200 Electrical Service Meter Breaker Pedestal (location) 01. STH 28 & CTH A	LUMP	LUMP		.	
1960	656.0200 Electrical Service Meter Breaker Pedestal (location) 02. IH 43 SB & STH 28	LUMP	LUMP		.	
1970	656.0200 Electrical Service Meter Breaker Pedestal (location) 03. IH 43 NB & STH 28	LUMP	LUMP		.	
1980	656.0200 Electrical Service Meter Breaker Pedestal (location) 04. STH 28 & S Taylor Drive	LUMP	LUMP		.	

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			DOLLARS	CTS	DOLLARS	CTS
1990	657.0100 Pedestal Bases	24.000 EACH	.		.	
2000	657.0255 Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	11.000 EACH	.		.	
2010	657.0315 Poles Type 4	8.000 EACH	.		.	
2020	657.0322 Poles Type 5-Aluminum	3.000 EACH	.		.	
2030	657.0420 Traffic Signal Standards Aluminum 13-FT	13.000 EACH	.		.	
2040	657.0425 Traffic Signal Standards Aluminum 15-FT	6.000 EACH	.		.	
2050	657.0430 Traffic Signal Standards Aluminum 10-FT	5.000 EACH	.		.	
2060	657.0609 Luminaire Arms Single Member 4-Inch Clamp 6-FT	10.000 EACH	.		.	
2070	657.0610 Luminaire Arms Single Member 4 1/2-Inch Clamp 6-FT	5.000 EACH	.		.	
2080	657.0709 Luminaire Arms Truss Type 4-Inch Clamp 12-FT	2.000 EACH	.		.	
2090	657.1350 Install Poles Type 10	3.000 EACH	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
2100	657.1355 Install Poles Type 12	EACH 4.000	.		.	
2110	657.1360 Install Poles Type 13	EACH 7.000	.		.	
2120	657.1530 Install Monotube Arms 30-FT	EACH 3.000	.		.	
2130	657.1540 Install Monotube Arms 40-FT	EACH 2.000	.		.	
2140	657.1545 Install Monotube Arms 45-FT	EACH 4.000	.		.	
2150	657.1550 Install Monotube Arms 50-FT	EACH 1.000	.		.	
2160	657.1555 Install Monotube Arms 55-FT	EACH 4.000	.		.	
2170	657.1812 Install Luminaire Arms Steel 12-FT	EACH 10.000	.		.	
2180	658.0110 Traffic Signal Face 3-12 Inch Vertical	EACH 61.000	.		.	
2190	658.0115 Traffic Signal Face 4-12 Inch Vertical	EACH 13.000	.		.	
2200	658.0215 Backplates Signal Face 3 Section 12-Inch	EACH 61.000	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
2210	658.0220 Backplates Signal Face 4 Section 12-Inch	13.000 EACH	.		.	
2220	658.0416 Pedestrian Signal Face 16-Inch	12.000 EACH	.		.	
2230	658.0500 Pedestrian Push Buttons	11.000 EACH	.		.	
2240	658.0600 Led Modules 12-Inch Red Ball	53.000 EACH	.		.	
2250	658.0605 Led Modules 12-Inch Yellow Ball	45.000 EACH	.		.	
2260	658.0610 Led Modules 12-Inch Green Ball	45.000 EACH	.		.	
2270	658.0615 Led Modules 12-Inch Red Arrow	21.000 EACH	.		.	
2280	658.0620 Led Modules 12-Inch Yellow Arrow	42.000 EACH	.		.	
2290	658.0625 Led Modules 12-Inch Green Arrow	29.000 EACH	.		.	
2300	658.0635 Led Modules Pedestrian Countdown Timer 16-Inch	12.000 EACH	.		.	
2310	658.5069 Signal Mounting Hardware (location) 01. CTH A & STH 28	LUMP	LUMP		.	

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			DOLLARS	CTS	DOLLARS	CTS
2320	658.5069 Signal Mounting Hardware (location) 02. IH 43 SB & STH 28	LUMP	LUMP			.
2330	658.5069 Signal Mounting Hardware (location) 03. IH 43 NB & STH 28	LUMP	LUMP			.
2340	658.5069 Signal Mounting Hardware (location) 04. STH 28 & S Taylor Drive	LUMP	LUMP			.
2350	659.1115 Luminaires Utility LED A	1.000 EACH	.			.
2360	659.1125 Luminaires Utility LED C	12.000 EACH	.			.
2370	661.0200 Temporary Traffic Signals for Intersections (location) 01. CTH A & STH 28	LUMP	LUMP			.
2380	661.0200 Temporary Traffic Signals for Intersections (location) 02. IH 43 SB & STH 28	LUMP	LUMP			.
2390	661.0200 Temporary Traffic Signals for Intersections (location) 03. IH 43 NB & STH 28	LUMP	LUMP			.
2400	661.0200 Temporary Traffic Signals for Intersections (location) 04. STH 28 & Taylor Drive	LUMP	LUMP			.
2410	690.0150 Sawing Asphalt	1,227.000 LF	.			.

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			DOLLARS	CTS	DOLLARS	CTS
2420	690.0250 Sawing Concrete	810.000 LF	.		.	
2430	715.0415 Incentive Strength Concrete Pavement	7,464.000 DOL	1.00000		7464.00	
2440	715.0502 Incentive Strength Concrete Structures	500.000 DOL	1.00000		500.00	
2450	999.1950.S Bicycle Rack Asphalt or Concrete-Mounted	1.000 EACH	.		.	
2460	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	2,400.000 HRS	5.00000		12000.00	
2470	ASP.1T0G On-the-Job Training Graduate at \$5. 00/HR	2,100.000 HRS	5.00000		10500.00	
2480	SPV.0035 Special 10. Coloring Concrete Butterfield U317 Terra Cotta Unimix	477.000 CY	.		.	
2490	SPV.0060 Special 10. Traffic Signal Controller and Cabinet STH 28 & S Taylor Drive	1.000 EACH	.		.	
2500	SPV.0060 Special 11. GPS Device with GPS Receiver STH 28 & Greenwing Drive	1.000 EACH	.		.	
2510	SPV.0060 Special 12. Luminaires Utility Type 1	11.000 EACH	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
2520	SPV.0060 Special 13. Luminaires Utility Type 2	4.000 EACH	.		.	
2530	SPV.0105 Special 01. Removing Sign Cantilever S-59-18	LUMP	LUMP		.	
2540	SPV.0105 Special 02. Removing Sign Bridge S-59-20	LUMP	LUMP		.	
2550	SPV.0105 Special 07. Railing Steel Pipe Galvanized Pedestrian	LUMP	LUMP		.	
2560	SPV.0105 Special 10. Remove Traffic Signals STH 28 & S Taylor Drive	LUMP	LUMP		.	
2570	SPV.0105 Special 11. Emergency Vehicle Preemption System STH 28 & S Taylor Drive	LUMP	LUMP		.	
2580	SPV.0105 Special 13. Temporary Non-Intrusive Vehicle Detection System Taylor Drive	LUMP	LUMP		.	
2590	SPV.0105 Special 14. Temporary Non-Intrusive Vehicle Detection System 32nd Street	LUMP	LUMP		.	
2600	SPV.0105 Special 17. Temporary Infrared EVP System STH 28 & S Taylor Drive	LUMP	LUMP		.	

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			DOLLARS	CTS	DOLLARS	CTS
2610	SPV.0105 Special 18. Vehicular Video Detection System STH 28 & S Taylor Drive	LUMP	LUMP			.
2620	SPV.0105 Special 20. Temporary Traffic Signal STH 28 & 32nd Street	LUMP	LUMP			.
2630	SPV.0105 Special 21. Salvage and Reinstall Ramp Closure Gates IH 43 SB	LUMP	LUMP			.
2640	SPV.0105 Special 22. Salvage and Reinstall Ramp Closure Gates IH 43 NB	LUMP	LUMP			.
2650	SPV.0105 Special 25. Remove Traffic Signal (STH 28 & CTH A)	LUMP	LUMP			.
2660	SPV.0105 Special 26. Remove Traffic Signal (IH 43 SB & STH 28)	LUMP	LUMP			.
2670	SPV.0105 Special 27. Remove Traffic Signal (IH 43 NB & STH 28)	LUMP	LUMP			.
2680	SPV.0165 Special 01. Stamped Concrete Sidewalk (5-Inch)	SF	30,900.000	.		.
2690	SPV.0165 Special 02. Wall Modular Block Gravity LRFD **p**	SF	840.000	.		.
2700	416.1715 Concrete Pavement Repair SHES	SY	48.000	.		.

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			DOLLARS	CTS	DOLLARS	CTS
2710	630.0200 Seeding Temporary	610.000 LB	.		.	
2720	647.0256 Pavement Marking Symbols Epoxy	2.000 EACH	.		.	
	SECTION 0001 TOTAL				.	
	TOTAL BID				.	