



Wisconsin Department of Transportation

June 5, 2017

Division of Transportation Systems Development

Bureau of Project Development
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NOTICE TO ALL CONTRACTORS:

Proposal #017: 1020-06-75, WISC 2017 186
Hudson - Baldwin
STH 35 North to USH 12
IH 94
St. Croix County

Letting of June 13, 2017

This is Addendum No. 02, which provides for the following:

Special Provisions:

Revised Special Provisions	
Article No.	Description
4	Traffic
29	Temporary Structure Station 312+49.34 and Station 308+25.47
30	Noise Barriers Double-Sided Sound Absorptive N-55-1, Item 531.0300.S.001; Noise Barriers Double-Sided Sound Absorptive N-55-2, Item 531.0300.S.002

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
415.0070	Concrete Pavement 7-inch	SY	7,325	-768	6,557
415.0080	Concrete Pavement 8-inch	SY	2,217	159	2,376
415.0090	Concrete Pavement 9-inch	SY	8,759	-3,896	4,863
415.0110	Concrete Pavement 11-inch	SY	10,397	3,703	14,100
415.0120	Concrete Pavement 12-inch	SY	40,578	1,183	41,761
415.1150.S	Concrete Pavement Fast Track, 11-inch	SY	2,100	-381	1,719

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
616.0206	Fence Chain Link 6-FT	LF	0	9,583	9,583

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
616.0204	Fence Chain Link 4-FT	LF	9,583	-9,583	0

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
40	Construction Detail (added noise wall surface texture detail)
320-321	Miscellaneous Quantities (revised concrete pavements schedule)
333	Miscellaneous Quantities (revised fencing schedule)

Added Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
466A	SDD – Concrete Barrier, Single-Faced (With Anchorage)

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. 02

1020-06-75

June 5, 2017

Special Provisions

4. Traffic.

Replace entire article language with the following:

General

Accomplish the construction sequence, including the associated traffic control as detailed in the Construction Staging section of the plans, and as described in this Traffic article.

IH 94 will remain open to through traffic at all times for the duration of this project except where noted below and in the Prosecution and Progress article of these special provisions.

Traffic operations during all stages

- Maintain a minimum of one lane of traffic in each direction at all times on IH 94**.
- Maintain mainline traffic on IH 94 on a paved concrete or hot mix asphalt surface at all times.
- Maintain a minimum lane width of 12-feet on IH 94 (16-foot minimum clear width when restricted to one lane).
- Maintain local access to residences.

*** Except during lane closures allowed as specified in the Lane Closures section*

Coordinate and stage all construction activities within the areas of local traffic routes, as required to maintain a traveled way conforming to all above requirements.

Place roadway signing as detailed on the plans and in conformance to the Manual on Uniform Traffic Control Devices (MUTCD), latest edition. Traffic control shall be completely in place by the end of the working day of a traffic switch.

Do not deliver or store materials and equipment within open travel lanes or open side roads during any stage of construction.

Lane Closures

Single lane and shoulder closures on IH 94 may be permitted during permitted lane and shoulder closure times for work required to complete the HMA pavement and the installation and removal of bridge falsework. During the times when one lane is allowed to be closed, a minimum clear width of 16 feet, including the adjacent shoulder, shall be maintained at all times. Shoulder closures on IH 94 in the same direction of travel may not be closed concurrently. Times listed for lane closure restrictions include setup and breakdown of any equipment and traffic control devices.

All lane and shoulder closures and duration are subject to the approval of the engineer based on operational needs and safety. Notify the engineer if there are any changes in schedule, early completions, or cancellations of scheduled work. Request approval from the engineer for all lane closures according to the "Wisconsin Lane Closure System Advanced Notification" section in this article of the special provisions. Include justification for the lane closure and the anticipated duration in the request. A request does not constitute approval. Terminate single lane closures at the end of the Permitted Lane Closure Times. Failure to obtain approval or reopen closed lanes at the required time shall be subject to penalties specified under the article "Lane Rental Fee Assessment".

All lane and shoulder closures shall be removed when work is not in progress.

Lane and Shoulder Closure Times

IH 94 lane closures are allowed only at the times in the following tables and text. At all other times all lanes shall be fully open to traffic.

The engineer will have the ability to suspend work activities during the periods listed below in the event that undesirable traffic congestion develops that has the potential to cause lengthy motorist delay or unsafe working conditions.

Shoulder Closures

The contractor will be allowed to perform work on items that are located beyond 6-foot horizontal and/or vertical, from the edge of an open lane of traffic, utilizing a shoulder closure with the approval of the engineer. Construction vehicles and equipment shall be located outside of the 6-foot encroachment area. Shoulder closures shall only occur on one shoulder at a time. The existing roadway shall be open to all lanes of traffic in each direction. All shoulder closures shall be removed during applicable Holiday Work Restrictions.

IH 94 SINGLE LANE CLOSURE HOURS – The following tables are to be referenced for determining allowable lane closure hours for a single lane closure. No lane closures are allowed along IH 94 during the times listed in the following tables.

Freeway Peak Hours - Pre-Memorial Day & Post Labor Day - No Lane Closures Allowed		
Segment:	West of STH 35N to STH 35S	
Day of Week	Eastbound	Westbound
Sunday	10 AM to 7 PM	9 AM to 8 PM
Monday	10 AM to 7 PM	5 AM to 7 PM
Tuesday	12 PM to 7 PM	5 AM to 6 PM
Wednesday	11 AM to 7 PM	5 AM to 6 PM
Thursday	10 AM to 8 PM	5 AM to 7 PM
Friday	8 AM to 8 PM	5 AM to 7 PM
Saturday	9 AM to 7 PM	9 AM to 7 PM

Freeway Peak Hours - Memorial Day to Labor Day - No Lane Closures Allowed		
Segment:	West of STH 35N to STH 35S	
Day of Week	Eastbound	Westbound
Sunday	9 AM to 7 PM	9 AM to 9 PM
Monday	9 AM to 7 PM	5 AM to 7 PM
Tuesday	10 AM to 8 PM	5 AM to 6 PM
Wednesday	10 AM to 8 PM	5 AM to 7 PM
Thursday	9 AM to 8 PM	5 AM to 7 PM
Friday	8 AM to 8 PM	5 AM to 7 PM
Saturday	8 AM to 7 PM	9 AM to 7 PM

Freeway Peak Hours - Pre-Memorial Day & Post Labor Day - No Lane Closures Allowed		
Segment:	STH 35S to East project limits	
Day of Week	Eastbound	Westbound
Sunday	12 PM to 4 PM	9 AM to 9 PM
Monday	3 PM to 6 PM	5 AM to 8 PM
Tuesday	3 PM to 6 PM	5 AM to 7 PM
Wednesday	3 PM to 6 PM	5 AM to 7 PM
Thursday	3 PM to 7 PM	5 AM to 8 PM
Friday	12 PM to 7 PM	5 AM to 9 PM
Saturday	*	8 AM to 8 PM

Freeway Peak Hours - Memorial Day to Labor Day - No Lane Closures Allowed		
Segment:	STH 35S to East project limits	
Day of Week	Eastbound	Westbound
Sunday	11 AM to 4 PM	9 AM to 10 PM
Monday	3 PM to 6 PM	5 AM to 8 PM
Tuesday	3 PM to 6 PM	5 AM to 7 PM
Wednesday	3 PM to 6 PM	5 AM to 8 PM
Thursday	2 PM to 7 PM	5 AM to 8 PM
Friday	10 AM to 7 PM	5 AM to 9 PM
Saturday	9 AM to 1 PM	8 AM to 8 PM

*A single lane closure may remain in place all day.

IH 94 TWO LANE CLOSURE HOURS – The following tables are to be referenced for determining allowable lane closure hours for a dual lane closure. No dual lane closures are allowed along IH 94 during the times listed in the following tables. Allowable single lane closure times can be found in the tables for single lane closure hours.

Freeway Peak Hours - Pre-Memorial Day & Post Labor Day – No Dual Lane Closures Allowed		
Segment:	West of STH 35N to STH 35S	
Day of Week	Eastbound	Westbound
Sunday	8 AM to 9 PM	8 AM to 10 PM
Monday	6 AM to 10 PM	5 AM to 9 PM
Tuesday	6 AM to 10 PM	5 AM to 9 PM
Wednesday	6 AM to 10 PM	5 AM to 9 PM
Thursday	6 AM to 10 PM	5 AM to 9 PM
Friday	6 AM to 11 PM	5 AM to 10 PM
Saturday	7 AM to 10 PM	7 AM to 10 PM

Freeway Peak Hours - Memorial Day to Labor Day - No Dual Lane Closures Allowed		
Segment:	West of STH 35N to STH 35S	
Day of Week	Eastbound	Westbound
Sunday	9 AM to 10 PM	8 AM to 11 PM
Monday	6 AM to 10 PM	5 AM to 10 PM
Tuesday	6 AM to 10 PM	5 AM to 10 PM
Wednesday	6 AM to 10 PM	5 AM to 10 PM
Thursday	6 AM to 11 PM	5 AM to 10 PM
Friday	6 AM to 11 PM	5 AM to 11 PM
Saturday	7 AM to 10 PM	7 AM to 11 PM

Freeway Peak Hours - Pre-Memorial Day & Post Labor Day - No Dual Lane Closures Allowed		
Segment:	STH 35S to East project limits	
Day of Week	Eastbound	Westbound
Sunday	9 AM to 8 PM	**
Monday	7 AM to 8 PM	**
Tuesday	7 AM to 8 PM	**
Wednesday	7 AM to 9 PM	**
Thursday	7 AM to 9 PM	**
Friday	7 AM to 9 PM	**
Saturday	7 AM to 8 PM	**

Freeway Peak Hours - Memorial Day to Labor Day - No Dual Lane Closures Allowed		
Segment:	STH 35S to East project limits	
Day of Week	Eastbound	Westbound
Sunday	8 AM to 9 PM	**
Monday	7 AM to 9 PM	**
Tuesday	7 AM to 9 PM	**
Wednesday	7 AM to 10 PM	**
Thursday	7 AM to 10 PM	**
Friday	7 AM to 10 PM	**
Saturday	7 AM to 8 PM	**

**This segment of IH 94 within the project area only has two existing through lanes and a dual lane closure will not be allowed.

NIGHTLY RAMP CLOSURE HOURS – The following tables are to be referenced for determining allowable nightly ramp closure hours for the STH 35S northbound on ramp to IH 94 westbound and for the IH 94 westbound off ramp to STH 35S southbound. No closures of these ramps are allowed during the times listed in the following tables.

Freeway Peak Hours - Pre-Memorial Day & Post Labor Day - No Ramp Closures Allowed		
	Ramp	
Day of Week	35S NB on ramp to 94 WB	94 WB off ramp to 35S SB
Sunday	10 AM to 8 PM	10 AM to 8 PM
Monday	5 AM to 7 PM	5 AM to 7 PM
Tuesday	5 AM to 6 PM	5 AM to 6 PM
Wednesday	5 AM to 6 PM	5 AM to 6 PM
Thursday	5 AM to 7 PM	5 AM to 7 PM
Friday	5 AM to 7 PM	5 AM to 7 PM
Saturday	9 AM to 7 PM	9 AM to 7 PM

Freeway Peak Hours - Memorial Day to Labor Day - No Ramp Closures Allowed		
	Ramp	
Day of Week	35S NB on ramp to 94 WB	94 WB off ramp to 35S SB
Sunday	10 AM to 9 PM	10 AM to 9 PM
Monday	5 AM to 7 PM	5 AM to 7 PM
Tuesday	5 AM to 6 PM	5 AM to 6 PM
Wednesday	5 AM to 7 PM	5 AM to 7 PM
Thursday	5 AM to 7 PM	5 AM to 7 PM
Friday	5 AM to 7 PM	5 AM to 7 PM
Saturday	9 AM to 7 PM	9 AM to 7 PM

FRONT STREET NIGHTLY CLOSURE HOURS – The following tables are to be referenced for determining allowable nightly closure hours for Front Street at Structures B-55-65. No closures of Front Street are allowed during the times listed in the following table.

Street Peak Hours - No Closures Allowed	
Day of Week	Times
Sunday	8 AM to 10 PM
Monday	5 AM to 9 PM
Tuesday	5 AM to 9 PM
Wednesday	5 AM to 9 PM
Thursday	5 AM to 9 PM
Friday	5 AM to 10 PM
Saturday	7 AM to 10 PM

Lane closures should be continuous when possible. A two mile minimum spacing is required where continuous lane closures are not feasible or desirable.

Contact the State Patrol two weeks prior to the first lane closure. For incident management and coordination portable changeable message sign communications system testing, contact Northwest Region State Highway Patrol, Sgt. Mike Melgaard, at (715) 236-2242, or PCS Denice Staff, at (715) 839-3800, ext. 6010.

Roadway Closures

During sign structure setting operations arrange for fifteen (15) minute rolling closures to be utilized for five (5) nights. This will involve slowing or stopping freeway traffic for a brief period and then allowing it to proceed behind a line of state patrol cars that will coordinate the procession with the construction crew at the site. The time for these stoppages shall be restricted to between 12:00 AM and 4:00 AM, Monday PM through Friday AM, with the exception of holiday work restrictions.

Contractor operations shall not require state patrol cars to stop IH 94 traffic for more than the time described above. All vehicles from the 15 minute rolling closure queue shall be cleared prior to the start of subsequent 15 minute rolling closures. The department will allow this procedure for no more than the time specified above. The necessary flag persons, advanced signing and law enforcement personnel are required to be on site prior to and during this operation. Make arrangements for implementing the rolling stops and closures on IH 94 with the State Traffic Operations Center and the Northwest Region State Highway Patrol at least 14 days prior to any stoppage.

Failure to reopen the roadway at the required times shall be subject to the lane rental fees specified under the article "Lane Rental Fee Assessment".

Property Access - Front Street

Front Street shall remain fully open to traffic during the times specified in the Lane Fee Assessment article.

The contractor shall provide the engineer, emergency services, and local law enforcement with a contact person responsible for access coordination during the temporary closures periods.

The contractor shall have onsite adequate equipment to immediately clear the roadway for emergency vehicle access and local residents.

Inform all adjacent property owners, emergency services, local law enforcement, and the engineer two working days prior to temporary closures on Front Street. Maintaining property access as described above is considered incidental to the Traffic Control Surveillance and Maintenance (Project) bid item.

Work Zone Speed Limits

The work zone speed limit on IH 94 shall be 55 MPH when lanes are closed without positive protection and workers are present. Return the speed limit to 70 MPH when all lanes are open to traffic. The work zone speed limit on IH 94 shall be 60 mph with positive protection when lanes are shifted with barrier.

Temporary Regulatory Speed Limit Reduction

During engineer-approved regulatory speed limit reductions, install temporary speed limit signs on the inside and outside shoulders of divided roadways to enhance visibility. On two lane two way roadways, install temporary speed limit signs on shoulders. When construction activities impede the location of a post-mounted regulatory speed limit sign, relocate the sign for maximum visibility to motorists. If work last less than seven days, mount the regulatory speed limit sign on a portable sign support.

Post temporary regulatory speed limit signs in work zone only during continuous worker activity. During periods of no work activity or when the traffic controls are removed from the roadway, cover or remove the temporary speed limit signs.

Coordinate with Regional Traffic Section to identify the construction stages that have approved temporary regulatory speed zones documented in a Temporary Speed Zone Declaration. Contact Chad Hines at (715) 836-7276.

Contact the Region Traffic Section at least 14-calendar days before installing the temporary speed zone. After installation of the temporary speed zone is complete, notify the Regional Traffic Section with the field location(s) of the temporary speed zone.
stp-643-012 (20160607)

Within Minnesota conform to the standard provisions, special provisions, and the plans for work zone traffic control as well as Mn/DOT's guidelines for work zone speed limits. Mn/DOT's requirements for speed reductions within work zones are provided at the following link:

<http://www.dot.state.mn.us/speed/pdf/WZSpeedLimitGuideline.pdf>

Each time a temporary speed reduction is posted and removed within Minnesota, document the change in speed limit. A sample documentation form can be found in the appendix of the Mn/DOT speed limit guidelines or a copy can be requested from the engineer.

Advance Notification

Notify St Croix County, the City of Hudson, and St Croix County Sheriff's Department 48 hours in advance of the start of work, closures of existing streets, and prior to traffic control changes. Notifications must be given by 4:00 PM on Thursday for any such work to be done on the following Monday.

Notify the engineer and WisDOT Statewide Traffic Operations Center (STOC) at (414) 227-2142 if there are any changes in the schedule, early completions, or cancellations of scheduled work.

Clear Zone Working Restrictions

Do not leave any slopes steeper than 3:1 within the clear zone or any drop offs at the edge of the traveled way greater than 2 inches which are not protected by temporary precast barrier. The clear zone for IH 94 is 30 feet.

Do not perform heavy equipment work in the median or adjacent to the shoulder at any time unless protected by concrete barrier in both directions except during night work with permitted lane closures.

Store materials or park equipment a minimum of 30 feet from the edge of the IH 94 traveled way unless it is protected by concrete barrier.

Portable Changeable Message Signs – Message Prior Approval

Use PCMS to notify traffic of work zones, access and lane width restrictions, construction traffic, and other situations as required to ensure a safe work zone, or as designated by the engineer. Coordinate with the engineer three business days prior to deploying or changing a message on a PCMS to obtain approval of the proposed message. The engineer will review the proposed message and either approve the message or make necessary changes.

Portable changeable message signs provided under this contract will be used for incident management or as required by the engineer and are to be operated by the Wisconsin State Patrol and the State Traffic Operations Center. Place the required PCMS at specified locations in the plan at least one week prior to construction.

Minnesota Lane Closure System Advanced Notification

Supplement standard spec 107.8 with the following:

Complete Mn/DOT's metro lane closure form and fax it to the Mn/DOT Metro Dispatch at least 24 hours before each lane closure so the information may be entered into the www.511mn.org system. Obtain a copy of the required lane closure form from the engineer.

Wisconsin Lane Closure System Advance Notification

Provide the following advance notification to the engineer for incorporation into the Wisconsin Lane Closure System (LCS).

TABLE 108-1 CLOSURE TYPE AND REQUIRED MINIMUM ADVANCE NOTIFICATION

Closure type with height, weight, or width restrictions (available width, all lanes in one direction < 16')	MINIMUM NOTIFICATION
Lane and shoulder closures	7 calendar days
Full roadway closures	7 calendar days
Ramp closures	7 calendar days
Detours	7 calendar days
Closure type without height, weight, or width restrictions (available width, all lanes in one direction ≥ 16')	MINIMUM NOTIFICATION
Lane and shoulder closures	3 business days
Ramp closures	3 business days
Modifying all closure types	3 business days

Discuss LCS completion dates and provide changes in the schedule to the engineer at weekly project meetings in order to manage closures nearing their completion date.
stp-108-057 (20161130)

Protection of Bridge Pier Columns and Sign Structure Supports

Bridge pier columns and sign structure supports are to remain protected at all times throughout construction.

Construction Access

Restrict work on IH 94 within closed shoulders as allowed by the plans or engineer. All construction access is prohibited from live IH 94 lanes unless a single lane closure is in place and is subject to approval of the engineer.

Construction traffic cannot travel counter-directional adjacent to IH 94 traffic except behind temporary concrete barrier or for the removal of traffic control devices.

General Access

U-Turns at existing maintenance crossovers or temporary crossovers between IH 94 eastbound and westbound will be allowed when lane closures are in place for inside eastbound and westbound passing lanes.

Construction operations affecting the traveling public's safety on IH 94 will not be allowed during snow and ice conditions, or any other adverse weather conditions, unless approved by the engineer.

Conduct work operations in a manner that causes the least disruption to traffic movements on IH 94 and interchange ramps. Do not directly cross, unload materials from, stop in or otherwise interfere with traffic in any lane or ramp that is open to traffic with construction equipment or vehicles. All access to IH 94 by construction equipment will be at existing interchange locations.

Do not perform work in the median concurrently with work in the outside lane or outside shoulder with IH 94 traffic running between work areas.

Provide the engineer with a hauling plan prior to the preconstruction conference. Include the proposed locations of points of entry and traffic control to be used. Obtain approval from the engineer for all arrangements for handling traffic during construction operations.

Flagging operations will not be permitted on IH 94, STH 35 South, and ramps.

Equip all construction vehicles and equipment entering or leaving live traffic lanes with a hazard identification beam (flashing yellow signal). The beam shall be activated when merging into or exiting a live traffic lane.

Have available at all times experienced personnel to promptly install, remove, and reinstall the required traffic control devices to route traffic in order to perform the necessary construction operations.

Prior to opening lane closures to traffic, place temporary or permanent pavement marking, including all lane lines and edge lines removed or covered by milling and paving operations.

29. Temporary Structure Station 312+49.34 and Station 308+25.47.

Replace entire article language with the following:

Replace 526.3.2 with the following:

Provide plans, signed and sealed by a professional engineer registered in the state of Wisconsin, for all temporary structures. Submit one copy of the plans to the engineer, 15 days prior to ordering materials or starting construction.

The temporary structure shall span the stream, underpass roadway, underpass railroad, and/or pedestrian facility as the plans show. The structure shall have a minimum roadway width as shown on the plans as measured between the faces of the concrete barriers, and at right angles to the centerline. The structure shall have a minimum overall width as shown on the plans. Open metal grate or wood will not be allowed as the finish driving surface on the structure.

Design, construct, and maintain temporary structures conforming to AASHTO LRFD Bridge Construction Specifications, Article 3.5.

Add the following as 526.3.3(4):

All temporary shoring and other secondary structure items required to construct the temporary bridge structure are to be included as part of this bid item.

30. Noise Barriers Double-Sided Sound Absorptive N-55-1, Item 531.0300.S.001; Noise Barriers Double-Sided Sound Absorptive N-55-2, Item 531.0300.S.002

Replace paragraph four under section titled B.3.3.1 Color and Surface Texture with the following:

The final color of the posts shall match the non-colored panels. Coating and coloring of the posts shall be shop applied.

Color – No Color
Surface Texture – Natural Stone

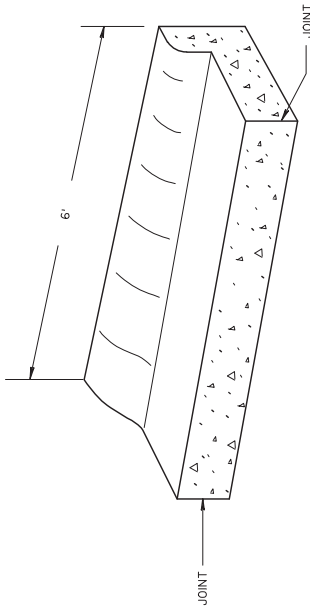
Schedule of Items

Attached, dated June 5, 2017, are the revised Schedule of Items Pages 1 – 22.

Plan Sheets

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:
Revised: 40, 320, 321, and 333.
Added: 466A.

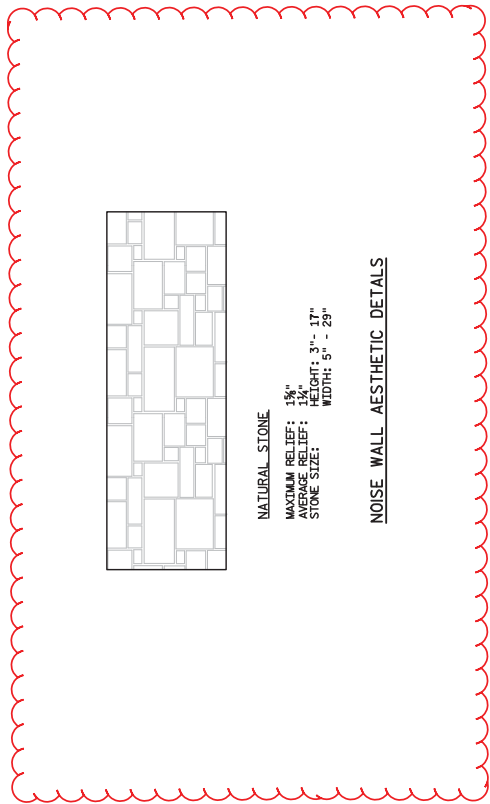
END OF ADDENDUM



CONCRETE CURB & GUTTER TRANSITION

CONCRETE CURB & GUTTER 4-INCH SLOPED
36-INCH TYPE D TO CONCRETE CURB TO
GUTTER 30-INCH TYPE D
(PAID FOR AS CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D

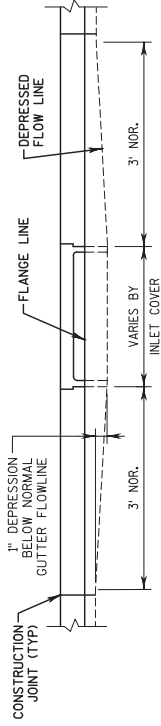
STA 339+54FS TO STA 339+60FS



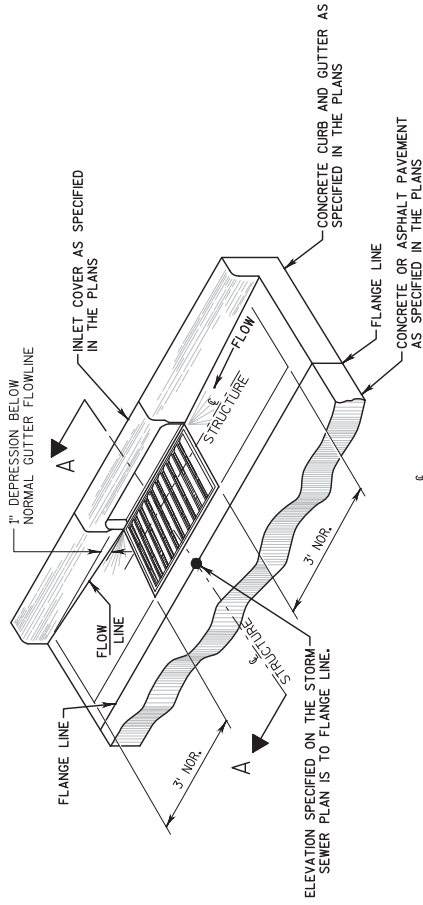
NATURAL STONE

MAXIMUM RELIEF: 1 1/2"
AVERAGE RELIEF: 1 1/4"
STONE SIZE: HEIGHT: 3/4" - 1 1/2"
WIDTH: 5" - 29"

NOISE WALL AESTHETIC DETAILS



ELEVATION AT FLANGE LINE
(GRATE AND CURB DETAILS OMITTED FOR DRAWING CLARITY)



ELEVATION ON THE STORM SEWER PLAN IS TO FLANGE LINE.

CONCRETE OR ASPHALT PAVEMENT AS SPECIFIED IN THE PLANS

NORMAL GUTTER SLOPE (3/4"/FT.) SEWER PLAN IS TO FLANGE LINE.

**VARIES PER SPECIFIED COMPONENTS

MORTAR JOINTED ADJUSTING RINGS

STRUCTURE ELEVATION

STRUCTURE

1" DEPRESSION BELOW NORMAL GUTTER FLOWLINE

FLANGE LINE

CONCRETE CURB AND GUTTER AS SPECIFIED IN THE PLANS

VARIES (SEE PLANS)

1" DEPRESSION BELOW NORMAL GUTTER FLOWLINE

FLANGE LINE

CONCRETE CURB AND GUTTER AS SPECIFIED IN THE PLANS

STATION/OFFSET LOCATION OF INLET SPECIFIED ON THE STORM SEWER PLAN IS TO CENTER OF THE STRUCTURE

SECTION A-A

NOTE: INLET COVER - TYPE H AND CONCRETE CURB AND GUTTER 30-INCH SLOPED FOR DEPRESSION IS SIMILAR FOR OTHER CURB & GUTTER/INLET COVER COMBINATIONS.

TYPICAL GUTTER PAN DEPRESSION AT INLETS

Addendum No. 02
ID 1020-06-75
Revised Sheet 320
June 5, 2017

CONCRETE PAVEMENT

CATEGORY	STAGE	STATION	STATION	LOCATION	415.0070		415.0090		415.0100		415.0110		415.0120		REMARKS		
					SY	SY	SY	SY	SY	SY	SY	SY	SY	SY		SY	SY
0010	B1A	297+40WB'	- 308+75WB'	MEDIAN	-	-	-	-	-	-	-	-	-	-	936	EXISTING CONCRETE LANE EDGE	
		297+42EB'	- 306+85EB'	MEDIAN	-	-	-	-	-	-	-	-	-	-	954	EXISTING CONCRETE LANE EDGE	
		309+54WB'	- 310+84WB'	MEDIAN	-	-	-	-	-	-	-	-	-	-	110	EXISTING CONCRETE LANE EDGE	
		311+07WB'	- 317+02WB'	MEDIAN	-	-	-	-	-	-	-	-	-	-	284	EXISTING CONCRETE LANE EDGE	
		313+25EB'	- 314+47EB'	MEDIAN	-	-	-	-	-	-	-	-	-	-	310	EXISTING CONCRETE LANE EDGE	
STAGE SUBTOTALS					0	0	0	0	0	0	0	0	0	2724	0	0	
0010	B2	306+96EB'	- 307+53EB'	IH 94 EB WEST APPR	-	55	-	-	-	153	-	-	-	-	21	13	5TH 35 BRIDGE
		308+52EB'	- 309+57EB'	IH 94 EB EAST APPR	-	50	-	-	-	163	-	-	-	-	45	13	5TH 35 BRIDGE
		311+07EB'	- 311+47EB'	IH 94 EB WEST APPR	-	64	-	-	-	164	-	-	-	-	20	13	FRONT ST BRIDGE
		313+25EB'	- 314+47EB'	IH 94 EB EAST APPR	-	51	-	-	-	200	-	-	-	-	52	13	FRONT ST BRIDGE
		STAGE SUBTOTALS					0	220	0	0	0	680	0	138	0	52	-
0010	B3	306+56EB'	- 310+55EB'	RT	-	-	-	-	-	-	-	-	-	-	400	-	EXISTING CONCRETE RAMP
		308+76WB'	- 307+45WB'	IH 94 WB WEST APPR	-	25	-	-	-	190	-	-	-	-	45	18	5TH 35 BRIDGE
		308+80WB'	- 308+77WB'	IH 94 WB EAST APPR	97	25	-	-	-	235	-	-	-	-	43	12	5TH 35 BRIDGE
		310+57WB'	- 311+54WB'	IH 94 WB WEST APPR	-	21	-	-	-	361	-	-	-	-	45	31	FRONT ST BRIDGE
		313+19WB'	- 313+55WB'	IH 94 WB EAST APPR	47	29	-	-	-	283	-	-	-	-	31	6	FRONT ST BRIDGE
STAGE SUBTOTALS					169	97	0	0	0	1,089	0	18	52	-	-	-	
0010	B4	304+67WB'	- 307+51WB'	EB ENT RAMP	15	-	-	-	-	150	-	-	-	-	256	6	2
		306+96EB'	- 307+47EB'	RT	-	-	-	-	-	84	-	-	-	-	28	-	-
		308+97EB'	- 311+72EB'	RT	202	-	-	-	-	232	-	-	-	-	60	18	-
		313+84EB'	- 318+10EB'	RT	210	-	-	-	-	118	-	-	-	-	13	7	-
		STAGE SUBTOTALS					427	0	330	0	0	595	0	73	33	-	-
0010	1A	332+61WB'	- 457+29WB'	RT	-	-	-	-	-	-	-	-	-	-	12488	-	-
		365+97EB'	- 397+14EB'	LT	-	-	-	-	-	-	-	-	-	-	127	-	-
		374+37FS'	- 398+80FS'	RT	-	-	-	-	-	-	-	-	-	-	223	11	14TH ST RAMP
		376+52WB'	- 376+52WB'	RT	391	-	-	-	-	371	-	-	-	-	137	16	-
		376+60WB'	- 376+60WB'	LT	3897	-	-	-	-	1835	-	-	-	-	288	-	-
		376+81WB'	- 381+40WB'	LT	300	-	-	-	-	310	-	-	-	-	459	11	CARMICHAEL RD NW ENTRANCE RAMP
		393+55CC'	- 404+80CC'	RT/ILT	-	1459	-	-	-	450	-	-	-	-	234	29	CARMICHAEL RD NE EXIT RAMP
		403+48EB'	- 405+82EB'	RT	-	-	-	-	-	7159	-	-	-	-	3480	1393	-
		404+60WB'	- 438+40WB'	LT	-	-	-	-	-	4003	-	-	-	-	3004	1200	22
		405+82EB'	- 435+88EB'	RT	-	-	-	-	-	-	-	-	-	-	278	-	-
		435+88EB'	- 438+84EB'	RT	-	-	-	-	-	2646	649	-	-	-	1218	216	14
		635+00FF'	- 647+18FF'	CL	-	-	-	-	-	-	1288	-	-	-	489	52	5TH 35 NB ENTRANCE RAMP
		438+03WB'	- 462+96WB'	RT	-	-	-	-	-	228	133	-	-	-	117	6	5TH 35 SB EXIT RAMP
		438+65WB'	- 446+40WB'	RT	-	-	-	-	-	1215	-	-	-	-	641	12	5TH 35 SB EXIT RAMP
		446+40WB'	- 468+82WB'	RT	-	-	-	-	-	3290	-	-	-	-	2157	863	5TH 35 SB EXIT RAMP
452+03WB'	- 457+07WB'	LT	16	-	-	-	-	721	-	-	-	-	503	125	-		
459+09WB'	- 483+85WB'	RT	16	-	-	-	-	400	-	-	-	-	2487	683	-		
483+86WB'	- 490+80WB'	RT	-	-	-	-	-	710	-	-	-	-	864	14	14		
500+00LL'	- 509+72LL'	LT	-	-	-	-	-	1210	-	-	-	-	972	14	14		
509+71WB'	- 533+72WB'	LT	-	-	-	-	-	3947	-	-	-	-	2401	962	-		
533+72WB'	- 542+12WB'	LT	-	-	-	-	-	-	-	-	-	-	840	16	16		
542+12WB'	- 606+53WB'	LT	-	-	-	-	-	283	-	-	-	-	2090	-	-		
606+53WB'	- 607+13WB'	LT	-	-	-	-	-	-	-	-	-	-	373	-	-		
611+95NB'	- 635+40FF'	LT/RT	92	-	-	-	-	3893	-	-	-	-	2360	922	14	14	
576+65QB'	- 577+58QB'	RT	-	-	-	-	-	155	-	-	-	-	1719	27,029	10,354	288	
STAGE SUBTOTALS					5,961	1,759	155	1,920	14,100	31,005	1,719	27,029	10,354	-	-	-	

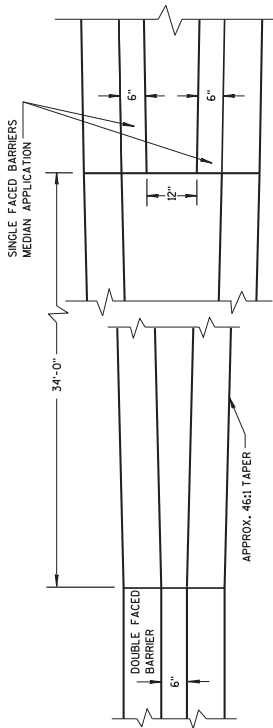
*ADDITIONAL QUANTITIES SHOWN ELSEWHERE
CONTINUED ON NEXT PAGE

Addendum No. 02
ID 1020-06-75
Revised Sheet 321
June 5, 2017

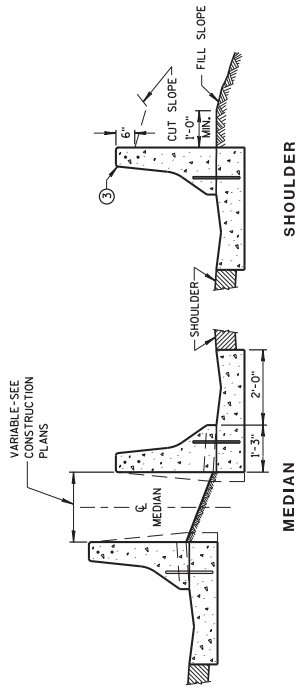
CONCRETE PAVEMENT - (CONT.)

CATEGORY	STAGE	STATION	STATION	LOCATION	7-INCH		8-INCH		9-INCH		10-INCH		11-INCH		12-INCH		ROUT	DRILLED	DOWEL BARS	REMARKS		
					SY	SY	SY	SY	SY	SY	SY	SY	SY	SY	SY	SY					SY	LF
0010	3	372+00WB'	376+81WB'	LT	-	-	-	-	-	-	-	-	-	-	-	-	192	-	11			
			376+81WB'	RT	-	-	-	-	-	-	-	-	-	-	-	-	-	289	-	11		
			376+91WB'	LT	-	-	-	-	-	-	-	-	-	-	-	-	-	459	-	-		
			376+91WB'	RT	-	-	-	-	-	-	-	-	-	-	-	-	-	510	-	-		
			398+50WB'	LT	-	-	-	-	-	-	-	-	-	-	-	-	-	510	-	-		
			398+50WB'	RT	-	-	-	-	-	-	-	-	-	-	-	-	-	510	-	-		
			439+40WB'	LT	-	-	-	-	-	-	-	-	-	-	-	-	-	1284	588	26		
			439+40WB'	RT	-	-	-	-	-	-	-	-	-	-	-	-	-	1284	588	26		
			445+15GG'	LT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	485	-	-	
			445+15GG'	RT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	485	-	-	
0010	4	475+95WB'	483+96KK'	LT	-	-	-	-	-	-	-	-	-	-	-	-	195	-	-			
			483+96KK'	RT	-	-	-	-	-	-	-	-	-	-	-	-	-	195	-	-		
			489+88LL'	LT	-	-	-	-	-	-	-	-	-	-	-	-	-	395	-	-		
			489+88LL'	RT	-	-	-	-	-	-	-	-	-	-	-	-	-	395	-	-		
			465+50GG'	LT	-	-	-	-	-	-	-	-	-	-	-	-	-	150	-	-		
			465+50GG'	RT	-	-	-	-	-	-	-	-	-	-	-	-	-	150	-	-		
			579+34SB'	LT	-	-	-	-	-	-	-	-	-	-	-	-	-	384	-	-		
			579+34SB'	RT	-	-	-	-	-	-	-	-	-	-	-	-	-	384	-	-		
			608+16SB'	LT	-	-	-	-	-	-	-	-	-	-	-	-	-	154	-	-		
			608+16SB'	RT	-	-	-	-	-	-	-	-	-	-	-	-	-	154	-	-		
0010	4	475+95WB'	STAGE SUBTOTALS	0	300	0	0	0	0	0	0	0	0	0	0	0	6,181	780	47			
			475+95WB'	RT	-	-	-	-	-	-	-	-	-	-	-	-	-	2575	1348	13		
0280	1A	317+02EB'	STAGE SUBTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	4,223	1,348	13			
			317+02EB'	RT	-	-	-	-	-	-	-	-	-	-	-	-	-	984	-	-		
CATEGORY 0010 SUBTOTALS				6,557	2,376	485	1,920	14,100	41,761	1,719	65,182	12,573	526									
CATEGORY 0280 SUBTOTALS				0	0	0	0	0	0	0	0	0	0	0	0	0	1,270	0	0	PERMANENT MEDIAN CROSSOVER		
PROJECT TOTALS				6,557	2,376	485	1,920	14,100	41,761	1,719	65,182	12,573	526									

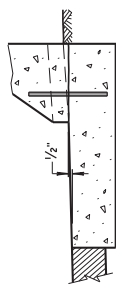
*ADDITIONAL QUANTITIES SHOWN ELSEWHERE



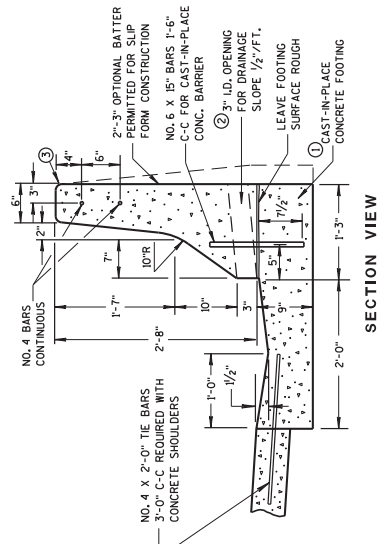
PLAN VIEW
 TRANSITION DETAILS OF DOUBLE FACED
 TO SINGLE FACED CONCRETE MEDIAN BARRIER
 (FOOTINGS ARE NOT SHOWN)



TYPICAL APPLICATIONS



HIGH SIDE
 CONCRETE BARRIER DETAIL

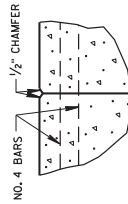


SECTION VIEW

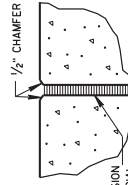
GENERAL NOTES

- 1) BARRIER SHALL BE INSTALLED ON A CONCRETE SHOULDER INSTEAD OF THE CONCRETE FOOTING WHEN SPECIFIED OR SHOWN ELSEWHERE IN CONTRACT.
- 2) OPENINGS FOR DRAINAGE SHALL BE PLACED AT LOW POINTS OF VERTICAL CURVES OR WHERE DIRECTED BY THE ENGINEER.
- 3) 3/4-INCH BEVEL OR 1-INCH RADIUS (TYPICAL).
- 4) NO. 4 BARS SHALL BE CONTINUED THROUGH CONSTRUCTION JOINTS.
- 5) EXPANSION JOINTS SHALL BE PLACED AT EXISTING EXPANSION JOINTS IN THE PAVEMENT AND AT STRUCTURES. SEE REINFORCEMENT AT BARRIER END DETAIL.
- 6) SAWED CONTRACTION JOINTS SHALL BE PROVIDED ACROSS THE FULL WIDTH OF THE BARRIER AND IN THE SHOULDER, AND BE PLACED AT THE BARRIER ENDS OF EACH PAVEMENT JOINTS AND AT UNIFORM INTERVALS BETWEEN WITH A MINIMUM SPACING OF 25 FEET.

Addendum No. 02
 ID 1020-06-75
 Added Sheet 466A
 June 5, 2017



CONSTRUCTION JOINT



EXPANSION JOINT



CONTRACTION JOINT

JOINT DETAILS

CONCRETE BARRIER,
 SINGLE-FACED
 (WITH ANCHORAGE)

STATE OF WISCONSIN
 DEPARTMENT OF TRANSPORTATION



Proposal Schedule of Items

Proposal ID: 20170613017 Project(s): 1020-06-75
 Federal ID(s): WISC 2017186
 SECTION: 0001 ROADWAY CONSTRUCTION
 Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0010	201.0105 Clearing	88.000 STA	_____.	_____.
0020	201.0205 Grubbing	88.000 STA	_____.	_____.
0030	203.0100 Removing Small Pipe Culverts	5.000 EACH	_____.	_____.
0040	203.0200 Removing Old Structure (station) 001. 312+49.34	LS	LUMP SUM	_____.
0050	203.0200 Removing Old Structure (station) 002. 308+25.47	LS	LUMP SUM	_____.
0060	203.0200 Removing Old Structure (station) 003. 458+11.70 NB	LS	LUMP SUM	_____.
0070	203.0210.S Abatement of Asbestos Containing Material (structure) 001. B-55-65	LS	LUMP SUM	_____.
0080	203.0210.S Abatement of Asbestos Containing Material (structure) 002. B-55-66	LS	LUMP SUM	_____.
0090	203.0225.S Debris Containment (structure) 001. B- 55-65	LS	LUMP SUM	_____.
0100	203.0225.S Debris Containment (structure) 002. B- 55-66	LS	LUMP SUM	_____.
0110	203.0225.S Debris Containment (structure) 003. B- 55-148	LS	LUMP SUM	_____.
0120	204.0100 Removing Pavement	28,525.000 SY	_____.	_____.
0130	204.0110 Removing Asphaltic Surface	35,815.000 SY	_____.	_____.
0140	204.0150 Removing Curb & Gutter	1,355.000 LF	_____.	_____.
0150	204.0155 Removing Concrete Sidewalk	275.000 SY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20170613017 Project(s): 1020-06-75

Federal ID(s): WISC 2017186

SECTION: 0001

ROADWAY CONSTRUCTION

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0160	204.0157 Removing Concrete Barrier	9,539.000 LF	_____.	_____.
0170	204.0170 Removing Fence	36,074.000 LF	_____.	_____.
0180	204.0180 Removing Delineators and Markers	162.000 EACH	_____.	_____.
0190	204.0195 Removing Concrete Bases	4.000 EACH	_____.	_____.
0200	204.0210 Removing Manholes	1.000 EACH	_____.	_____.
0210	204.0220 Removing Inlets	22.000 EACH	_____.	_____.
0220	204.0245 Removing Storm Sewer (size) 001. 12-Inch	472.000 LF	_____.	_____.
0230	204.0245 Removing Storm Sewer (size) 002. 15-Inch	80.000 LF	_____.	_____.
0240	204.0245 Removing Storm Sewer (size) 003. 18-Inch	306.000 LF	_____.	_____.
0250	204.0245 Removing Storm Sewer (size) 004. 24-Inch	18.000 LF	_____.	_____.
0260	204.0245 Removing Storm Sewer (size) 005. 30-Inch	41.000 LF	_____.	_____.
0270	204.0245 Removing Storm Sewer (size) 006. 36-Inch	141.000 LF	_____.	_____.
0280	204.9060.S Removing (item description) 001. Sign Bridge & Support	9.000 EACH	_____.	_____.
0290	204.9090.S Removing (item description) 001. Cable Guard	2,796.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20170613017 Project(s): 1020-06-75

Federal ID(s): WISC 2017186

SECTION: 0001

ROADWAY CONSTRUCTION

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0300	204.9090.S Removing (item description) 002. Modular Block Retaining Wall	604.000 LF	_____.	_____.
0310	204.9090.S Removing (item description) 003. Cables or Conduit	11,036.000 LF	_____.	_____.
0320	205.0100 Excavation Common	162,338.000 CY	_____.	_____.
0330	206.1000 Excavation for Structures Bridges (structure) 001. B-55-65	LS	LUMP SUM	_____.
0340	206.1000 Excavation for Structures Bridges (structure) 002. B-55-66	LS	LUMP SUM	_____.
0350	206.1000 Excavation for Structures Bridges (structure) 003. B-55-148	LS	LUMP SUM	_____.
0360	208.1100 Select Borrow	6,000.000 CY	_____.	_____.
0370	210.1500 Backfill Structure Type A	3,174.000 TON	_____.	_____.
0380	211.0400 Prepare Foundation for Asphaltic Shoulders	318.000 STA	_____.	_____.
0390	213.0100 Finishing Roadway (project) 001. 1020- 06-75	1.000 EACH	_____.	_____.
0400	305.0110 Base Aggregate Dense 3/4-Inch	6,744.000 TON	_____.	_____.
0410	305.0120 Base Aggregate Dense 1 1/4-Inch	103,847.000 TON	_____.	_____.
0420	415.0070 Concrete Pavement 7-Inch	6,557.000 SY	_____.	_____.
0430	415.0080 Concrete Pavement 8-Inch	2,376.000 SY	_____.	_____.
0440	415.0090 Concrete Pavement 9-Inch	4,863.000 SY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20170613017 Project(s): 1020-06-75

Federal ID(s): WISC 2017186

SECTION: 0001

ROADWAY CONSTRUCTION

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0450	415.0100 Concrete Pavement 10-Inch	1,920.000 SY	_____	_____
0460	415.0110 Concrete Pavement 11-Inch	14,100.000 SY	_____	_____
0470	415.0120 Concrete Pavement 12-Inch	41,761.000 SY	_____	_____
0480	415.0410 Concrete Pavement Approach Slab	1,077.000 SY	_____	_____
0490	415.1150.S Concrete Pavement Fast Track (inch) 001. 11-Inch	1,719.000 SY	_____	_____
0500	415.6000.S Rout and Seal	65,182.000 LF	_____	_____
0510	416.0610 Drilled Tie Bars	14,710.000 EACH	_____	_____
0520	416.0620 Drilled Dowel Bars	2,294.000 EACH	_____	_____
0530	416.1010 Concrete Surface Drains	46.000 CY	_____	_____
0540	416.1110 Concrete Shoulder Rumble Strips	9,855.000 LF	_____	_____
0550	440.4410 Incentive IRI Ride	11,805.000 DOL	1.00000	11,805.00
0560	450.4000 HMA Cold Weather Paving	388.000 TON	_____	_____
0570	455.0605 Tack Coat	2,685.000 GAL	_____	_____
0580	460.2000 Incentive Density HMA Pavement	6,498.000 DOL	1.00000	6,498.00
0590	460.5223 HMA Pavement 3 LT 58-28 S	4,338.000 TON	_____	_____
0600	460.5244 HMA Pavement 4 LT 58-34 S	3,351.000 TON	_____	_____



Proposal Schedule of Items

Proposal ID: 20170613017 Project(s): 1020-06-75

Federal ID(s): WISC 2017186

SECTION: 0001

ROADWAY CONSTRUCTION

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0610	460.7223 HMA Pavement 3 HT 58-28 S	154.000 TON	_____	_____
0620	460.7444 HMA Pavement 4 HT 58-34 H	92.000 TON	_____	_____
0630	465.0110 Asphaltic Surface Patching	10.000 TON	_____	_____
0640	465.0125 Asphaltic Surface Temporary	23,100.000 TON	_____	_____
0650	465.0400 Asphaltic Shoulder Rumble Strips	65,630.000 LF	_____	_____
0660	502.0100 Concrete Masonry Bridges	1,889.100 CY	_____	_____
0670	502.3200 Protective Surface Treatment	7,979.000 SY	_____	_____
0680	502.3210 Pigmented Surface Sealer	788.000 SY	_____	_____
0690	502.4205 Adhesive Anchors No. 5 Bar	1,379.000 EACH	_____	_____
0700	502.4206 Adhesive Anchors No. 6 Bar	126.000 EACH	_____	_____
0710	502.4207 Adhesive Anchors No. 7 Bar	14.000 EACH	_____	_____
0720	503.0145 Prestressed Girder Type I 45-Inch	1,149.000 LF	_____	_____
0730	504.0500 Concrete Masonry Retaining Walls	1,334.000 CY	_____	_____
0740	505.0400 Bar Steel Reinforcement HS Structures	7,840.000 LB	_____	_____
0750	505.0600 Bar Steel Reinforcement HS Coated Structures	592,130.000 LB	_____	_____
0760	506.2605 Bearing Pads Elastomeric Non-Laminated	24.000 EACH	_____	_____



Proposal Schedule of Items

Proposal ID: 20170613017 Project(s): 1020-06-75

Federal ID(s): WISC 2017186

SECTION: 0001

ROADWAY CONSTRUCTION

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0770	506.4000 Steel Diaphragms (structure) 001. B-55-65	42.000 EACH	_____.	_____.
0780	506.4000 Steel Diaphragms (structure) 002. B-55-66	13.000 EACH	_____.	_____.
0790	506.4000 Steel Diaphragms (structure) 003. B-55-148	8.000 EACH	_____.	_____.
0800	506.6000 Bearing Assemblies Expansion (structure) 001. B-55-65	16.000 EACH	_____.	_____.
0810	509.1500 Concrete Surface Repair	120.000 SF	_____.	_____.
0820	511.1100 Temporary Shoring	5,000.000 SF	_____.	_____.
0830	511.1200 Temporary Shoring (structure) 001. B-55-65	300.000 SF	_____.	_____.
0840	511.1200 Temporary Shoring (structure) 003. B-55-148	300.000 SF	_____.	_____.
0850	511.1200 Temporary Shoring (structure) 004. R-55-17	1,000.000 SF	_____.	_____.
0860	516.0500 Rubberized Membrane Waterproofing	193.000 SY	_____.	_____.
0870	520.8000 Concrete Collars for Pipe	32.000 EACH	_____.	_____.
0880	520.9700.S Culvert Pipe Liners (size) 001. 24-Inch	122.000 LF	_____.	_____.
0890	520.9750.S Cleaning Culvert Pipes for Liner Verification	1.000 EACH	_____.	_____.
0900	521.1012 Apron Endwalls for Culvert Pipe Steel 12-Inch	7.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20170613017 Project(s): 1020-06-75

Federal ID(s): WISC 2017186

SECTION: 0001

ROADWAY CONSTRUCTION

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0910	521.2005.S Surface Drain Pipe Corrugated Metal Slotted (inch) 001. 12-Inch	20.000 LF	_____.	_____.
0920	522.1015 Apron Endwalls for Culvert Pipe Reinforced Concrete 15-Inch	3.000 EACH	_____.	_____.
0930	522.1018 Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	14.000 EACH	_____.	_____.
0940	522.1024 Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	7.000 EACH	_____.	_____.
0950	522.1030 Apron Endwalls for Culvert Pipe Reinforced Concrete 30-Inch	7.000 EACH	_____.	_____.
0960	522.1036 Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch	1.000 EACH	_____.	_____.
0970	522.1048 Apron Endwalls for Culvert Pipe Reinforced Concrete 48-Inch	1.000 EACH	_____.	_____.
0980	523.0519 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 19x30-Inch	2.000 EACH	_____.	_____.
0990	526.0100 Temporary Structure (station) 001. 312+49.34	LS	LUMP SUM	_____.
1000	526.0100 Temporary Structure (station) 002. 308+25.47	LS	LUMP SUM	_____.
1010	531.0300.S Noise Barriers Double-Sided Sound Absorptive (structure) 001. N-55-1	33,950.000 SF	_____.	_____.
1020	531.0300.S Noise Barriers Double-Sided Sound Absorptive (structure) 002. N-55-2	10,200.000 SF	_____.	_____.
1030	550.1100 Piling Steel HP 10-Inch X 42 Lb	615.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20170613017 Project(s): 1020-06-75

Federal ID(s): WISC 2017186

SECTION: 0001

ROADWAY CONSTRUCTION

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1040	601.0409 Concrete Curb & Gutter 30-Inch Type A	1,252.000 LF	_____.	_____.
1050	601.0411 Concrete Curb & Gutter 30-Inch Type D	60.000 LF	_____.	_____.
1060	601.0551 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type A	275.000 LF	_____.	_____.
1070	601.0553 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type D	5,347.000 LF	_____.	_____.
1080	601.0555 Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type A	418.000 LF	_____.	_____.
1090	602.0405 Concrete Sidewalk 4-Inch	2,514.000 SF	_____.	_____.
1100	603.0105 Concrete Barrier Single-Faced 32-Inch	104.000 LF	_____.	_____.
1110	603.0405 Concrete Barrier Transition Section 32-Inch	56.000 LF	_____.	_____.
1120	603.1142 Concrete Barrier Type S42	6,585.000 LF	_____.	_____.
1130	603.1156 Concrete Barrier Type S56	644.000 LF	_____.	_____.
1140	603.1442 Concrete Barrier Type S42C	220.000 LF	_____.	_____.
1150	603.1456 Concrete Barrier Type S56C	948.000 LF	_____.	_____.
1160	603.2142 Concrete Barrier Fixed Object Protection Type S42	378.000 LF	_____.	_____.
1170	603.3313 Concrete Barrier Transition Type NJ32DF to S36	7.000 EACH	_____.	_____.
1180	603.3535 Concrete Barrier Transition Type S36 to S42	7.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1190	603.3559 Concrete Barrier Transition Type S42 to S56	3.000 EACH	_____.	_____.
1200	603.3699 Concrete Barrier Transition Type V56 to S56	2.000 EACH	_____.	_____.
1210	603.8000 Concrete Barrier Temporary Precast Delivered	66,095.000 LF	_____.	_____.
1220	603.8125 Concrete Barrier Temporary Precast Installed	81,962.000 LF	_____.	_____.
1230	604.0400 Slope Paving Concrete	277.000 SY	_____.	_____.
1240	604.0500 Slope Paving Crushed Aggregate	109.000 SY	_____.	_____.
1250	606.0200 Riprap Medium	122.000 CY	_____.	_____.
1260	608.0412 Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	370.000 LF	_____.	_____.
1270	608.0415 Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch	225.000 LF	_____.	_____.
1280	608.0418 Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	612.000 LF	_____.	_____.
1290	608.0424 Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	25.000 LF	_____.	_____.
1300	608.0430 Storm Sewer Pipe Reinforced Concrete Class IV 30-Inch	70.000 LF	_____.	_____.
1310	608.0436 Storm Sewer Pipe Reinforced Concrete Class IV 36-Inch	11.000 LF	_____.	_____.
1320	608.0448 Storm Sewer Pipe Reinforced Concrete Class IV 48-Inch	130.000 LF	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1330	610.0419 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 19x30- Inch	4.000 LF	_____.	_____.
1340	611.0420 Reconstructing Manholes	2.000 EACH	_____.	_____.
1350	611.0530 Manhole Covers Type J	4.000 EACH	_____.	_____.
1360	611.0606 Inlet Covers Type B	2.000 EACH	_____.	_____.
1370	611.0610 Inlet Covers Type BW	38.000 EACH	_____.	_____.
1380	611.0612 Inlet Covers Type C	1.000 EACH	_____.	_____.
1390	611.0627 Inlet Covers Type HM	10.000 EACH	_____.	_____.
1400	611.0642 Inlet Covers Type MS	9.000 EACH	_____.	_____.
1410	611.0654 Inlet Covers Type V	8.000 EACH	_____.	_____.
1420	611.1005 Catch Basins 5-FT Diameter	1.000 EACH	_____.	_____.
1430	611.2004 Manholes 4-FT Diameter	4.000 EACH	_____.	_____.
1440	611.2006 Manholes 6-FT Diameter	1.000 EACH	_____.	_____.
1450	611.2007 Manholes 7-FT Diameter	1.000 EACH	_____.	_____.
1460	611.3004 Inlets 4-FT Diameter	12.000 EACH	_____.	_____.
1470	611.3220 Inlets 2x2-FT	8.000 EACH	_____.	_____.
1480	611.3225 Inlets 2x2.5-FT	24.000 EACH	_____.	_____.



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1490	611.3230 Inlets 2x3-FT	5.000 EACH	_____.	_____.
1500	611.3901 Inlets Median 1 Gate	7.000 EACH	_____.	_____.
1510	611.3902 Inlets Median 2 Gate	1.000 EACH	_____.	_____.
1520	611.8110 Adjusting Manhole Covers	14.000 EACH	_____.	_____.
1530	611.8115 Adjusting Inlet Covers	29.000 EACH	_____.	_____.
1540	611.8120.S Cover Plates Temporary	14.000 EACH	_____.	_____.
1550	611.9710 Salvaged Inlet Covers	1.000 EACH	_____.	_____.
1560	612.0206 Pipe Underdrain Unperforated 6-Inch	60.000 LF	_____.	_____.
1570	612.0212 Pipe Underdrain Unperforated 12-Inch	362.000 LF	_____.	_____.
1580	612.0406 Pipe Underdrain Wrapped 6-Inch	3,753.000 LF	_____.	_____.
1590	613.1100.S Cable Barrier Type 1	2,796.000 LF	_____.	_____.
1600	613.1200.S Cable Barrier End Terminal Type 1	2.000 EACH	_____.	_____.
1610	614.0150 Anchor Assemblies for Steel Plate Beam Guard	10.000 EACH	_____.	_____.
1620	614.0220 Steel Thrie Beam Bullnose Terminal	8.000 EACH	_____.	_____.
1630	614.0230 Steel Thrie Beam	1,139.000 LF	_____.	_____.
1640	614.0305 Steel Plate Beam Guard Class A	38.000 LF	_____.	_____.



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1650	614.0345 Steel Plate Beam Guard Short Radius	38.000 LF	_____.	_____.
1660	614.0390 Steel Plate Beam Guard Short Radius Terminal	1.000 EACH	_____.	_____.
1670	614.0905 Crash Cushions Temporary	32.000 EACH	_____.	_____.
1680	614.0920 Salvaged Rail	5,315.000 LF	_____.	_____.
1690	614.2300 MGS Guardrail 3	4,188.000 LF	_____.	_____.
1700	614.2500 MGS Thrie Beam Transition	552.000 LF	_____.	_____.
1710	614.2610 MGS Guardrail Terminal EAT	16.000 EACH	_____.	_____.
1720	614.2620 MGS Guardrail Terminal Type 2	9.000 EACH	_____.	_____.
1730	616.0100 Fence Woven Wire (height) 001. 4-FT	23,726.000 LF	_____.	_____.
1750	616.0329 Gates Chain Link (width) 001. 4-FT	2.000 EACH	_____.	_____.
1760	618.0100 Maintenance And Repair of Haul Roads (project) 001. 1020-06-75	1.000 EACH	_____.	_____.
1770	619.1000 Mobilization	1.000 EACH	_____.	_____.
1780	620.0300 Concrete Median Sloped Nose	44.000 SF	_____.	_____.
1790	624.0100 Water	1,106.000 MGAL	_____.	_____.
1800	625.0500 Salvaged Topsoil	177,041.000 SY	_____.	_____.
1810	627.0200 Mulching	99,175.000 SY	_____.	_____.



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1820	628.1504 Silt Fence	24,165.000 LF	_____.	_____.
1830	628.1520 Silt Fence Maintenance	24,165.000 LF	_____.	_____.
1840	628.1905 Mobilizations Erosion Control	12.000 EACH	_____.	_____.
1850	628.1910 Mobilizations Emergency Erosion Control	8.000 EACH	_____.	_____.
1860	628.2002 Erosion Mat Class I Type A	51,650.000 SY	_____.	_____.
1870	628.2004 Erosion Mat Class I Type B	26,290.000 SY	_____.	_____.
1880	628.7005 Inlet Protection Type A	45.000 EACH	_____.	_____.
1890	628.7010 Inlet Protection Type B	194.000 EACH	_____.	_____.
1900	628.7015 Inlet Protection Type C	15.000 EACH	_____.	_____.
1910	628.7504 Temporary Ditch Checks	660.000 LF	_____.	_____.
1920	628.7555 Culvert Pipe Checks	34.000 EACH	_____.	_____.
1930	628.7560 Tracking Pads	2.000 EACH	_____.	_____.
1940	629.0205 Fertilizer Type A	151.000 CWT	_____.	_____.
1950	630.0120 Seeding Mixture No. 20	3,093.000 LB	_____.	_____.
1960	630.0130 Seeding Mixture No. 30	1,992.000 LB	_____.	_____.
1970	630.0200 Seeding Temporary	1,729.000 LB	_____.	_____.
1980	633.0100 Delineator Posts Steel	191.000 EACH	_____.	_____.



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1990	633.0500 Delineator Reflectors	275.000 EACH	_____.	_____.
2000	633.1000 Delineator Brackets	57.000 EACH	_____.	_____.
2010	633.5200 Markers Culvert End	33.000 EACH	_____.	_____.
2020	634.0612 Posts Wood 4x6-Inch X 12-FT	19.000 EACH	_____.	_____.
2030	634.0614 Posts Wood 4x6-Inch X 14-FT	4.000 EACH	_____.	_____.
2040	634.0616 Posts Wood 4x6-Inch X 16-FT	58.000 EACH	_____.	_____.
2050	634.0618 Posts Wood 4x6-Inch X 18-FT	73.000 EACH	_____.	_____.
2060	634.0620 Posts Wood 4x6-Inch X 20-FT	18.000 EACH	_____.	_____.
2070	634.0808 Posts Tubular Steel 2x2-Inch X 8-FT	11.000 EACH	_____.	_____.
2080	635.0200 Sign Supports Structural Steel HS	10,245.000 LB	_____.	_____.
2090	636.0100 Sign Supports Concrete Masonry	233.600 CY	_____.	_____.
2100	636.0500 Sign Supports Steel Reinforcement	1,130.000 LB	_____.	_____.
2110	636.1500 Sign Supports Steel Coated Reinforcement HS	24,445.000 LB	_____.	_____.
2120	637.1220 Signs Type I Reflective SH	8,879.000 SF	_____.	_____.
2130	637.2210 Signs Type II Reflective H	1,544.030 SF	_____.	_____.
2140	637.2220 Signs Type II Reflective SH	27.500 SF	_____.	_____.



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2150	637.2230 Signs Type II Reflective F	725.000 SF	_____.	_____.
2160	638.2601 Removing Signs Type I	47.000 EACH	_____.	_____.
2170	638.2602 Removing Signs Type II	87.000 EACH	_____.	_____.
2180	638.3000 Removing Small Sign Supports	120.000 EACH	_____.	_____.
2190	638.3100 Removing Structural Steel Sign Supports	34.000 EACH	_____.	_____.
2200	641.0100 Sign Bridge Single Pole Sign Support One Sign (structure) 001. S-55-67	LS	LUMP SUM	_____.
2210	641.0600 Sign Bridge Single Pole Sign Support Two Signs (structure) 001. S-55-58	LS	LUMP SUM	_____.
2220	641.0600 Sign Bridge Single Pole Sign Support Two Signs (structure) 002. S-55-63	LS	LUMP SUM	_____.
2230	641.1200 Sign Bridge Cantilevered (structure) 001. S-55-071	LS	LUMP SUM	_____.
2240	641.1200 Sign Bridge Cantilevered (structure) 002. S-55-57	LS	LUMP SUM	_____.
2250	641.1200 Sign Bridge Cantilevered (structure) 003. S-55-59	LS	LUMP SUM	_____.
2260	641.1200 Sign Bridge Cantilevered (structure) 004. S-55-61	LS	LUMP SUM	_____.
2270	641.1200 Sign Bridge Cantilevered (structure) 005. S-55-66	LS	LUMP SUM	_____.
2280	641.1200 Sign Bridge Cantilevered (structure) 006. S-55-68	LS	LUMP SUM	_____.



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2290	641.1200 Sign Bridge Cantilevered (structure) 007. S-55-69	LS	LUMP SUM	_____.
2300	641.1200 Sign Bridge Cantilevered (structure) 008. S-55-70	LS	LUMP SUM	_____.
2310	641.6600 Sign Bridge (structure) 001. S-55-56	LS	LUMP SUM	_____.
2320	641.6600 Sign Bridge (structure) 002. S-55-60	LS	LUMP SUM	_____.
2330	641.6600 Sign Bridge (structure) 003. S-55-62	LS	LUMP SUM	_____.
2340	641.6600 Sign Bridge (structure) 004. S-55-65	LS	LUMP SUM	_____.
2350	641.6600 Sign Bridge (structure) 005. S-55-64	LS	LUMP SUM	_____.
2360	642.5401 Field Office Type D	1.000 EACH	_____.	_____.
2370	643.0200.S Traffic Control Surveillance and Maintenance (project) 001. 1020-06-75	385.000 DAY	_____.	_____.
2380	643.0300 Traffic Control Drums	68,610.000 DAY	_____.	_____.
2390	643.0420 Traffic Control Barricades Type III	2,075.000 DAY	_____.	_____.
2400	643.0705 Traffic Control Warning Lights Type A	3,665.000 DAY	_____.	_____.
2410	643.0715 Traffic Control Warning Lights Type C	14,255.000 DAY	_____.	_____.
2420	643.0800 Traffic Control Arrow Boards	705.000 DAY	_____.	_____.
2430	643.0900 Traffic Control Signs	15,960.000 DAY	_____.	_____.
2440	643.0910 Traffic Control Covering Signs Type I	2.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
2450	643.0920 Traffic Control Covering Signs Type II	24.000 EACH	_____.	_____.
2460	643.1050 Traffic Control Signs PCMS	408.000 DAY	_____.	_____.
2470	643.2000 Traffic Control Detour (project) 001. 1020-06-75	1.000 EACH	_____.	_____.
2480	643.3000 Traffic Control Detour Signs	15,200.000 DAY	_____.	_____.
2490	645.0120 Geotextile Type HR	358.000 SY	_____.	_____.
2500	646.0106 Pavement Marking Epoxy 4-Inch	29,279.000 LF	_____.	_____.
2510	646.0126 Pavement Marking Epoxy 8-Inch	1,271.000 LF	_____.	_____.
2520	646.0600 Removing Pavement Markings	170,319.000 LF	_____.	_____.
2530	646.0841.S Pavement Marking Grooved Wet Reflective Contrast Tape 4-Inch	27,524.000 LF	_____.	_____.
2540	646.0843.S Pavement Marking Grooved Wet Reflective Contrast Tape 8-Inch	26,037.000 LF	_____.	_____.
2550	646.0900.S Pavement Marking Late Season	11,331.000 LF	_____.	_____.
2560	646.2304.S Pavement Marking Grooved Wet Reflective Epoxy 4-Inch	134,235.000 LF	_____.	_____.
2570	647.0196 Pavement Marking Arrows Epoxy Type 5	8.000 EACH	_____.	_____.
2580	649.0400 Temporary Pavement Marking Removable Tape 4-Inch	207,735.000 LF	_____.	_____.
2590	649.0402 Temporary Pavement Marking Paint 4- Inch	11,944.000 LF	_____.	_____.



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2600	649.0506 Temporary Pavement Marking Removable Mask-Out Tape 6-Inch	256,680.000 LF	_____.	_____.
2610	649.0510 Temporary Pavement Marking Removable Mask-Out Tape 10-Inch	23,895.000 LF	_____.	_____.
2620	649.0801 Temporary Pavement Marking Removable Tape 8-Inch	60,584.000 LF	_____.	_____.
2630	652.0125 Conduit Rigid Metallic 2-Inch	48.000 LF	_____.	_____.
2640	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	10,382.000 LF	_____.	_____.
2650	652.0335 Conduit Rigid Nonmetallic Schedule 80 3-Inch	110.000 LF	_____.	_____.
2660	652.0800 Conduit Loop Detector	80.000 LF	_____.	_____.
2670	653.0105 Pull Boxes Steel 12x24-Inch	4.000 EACH	_____.	_____.
2680	653.0140 Pull Boxes Steel 24x42-Inch	6.000 EACH	_____.	_____.
2690	653.0208 Junction Boxes 8x8x8-Inch	1.000 EACH	_____.	_____.
2700	653.0900 Adjusting Pull Boxes	1.000 EACH	_____.	_____.
2710	653.0905 Removing Pull Boxes	13.000 EACH	_____.	_____.
2720	654.0106 Concrete Bases Type 6	18.000 EACH	_____.	_____.
2730	654.0230 Concrete Control Cabinet Bases Type L30	4.000 EACH	_____.	_____.
2740	655.0610 Electrical Wire Lighting 12 AWG	20,895.000 LF	_____.	_____.



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2750	655.0625 Electrical Wire Lighting 6 AWG	86,360.000 LF	_____.	_____.
2760	655.0800 Loop Detector Wire	310.000 LF	_____.	_____.
2770	656.0400 Electrical Service Main Lugs Only Meter Pedestal (location) 350. 306+32'WB'	LS	LUMP SUM	_____.
2780	656.0400 Electrical Service Main Lugs Only Meter Pedestal (location) 351. 293+40'WB'	LS	LUMP SUM	_____.
2790	656.0400 Electrical Service Main Lugs Only Meter Pedestal (location) 352. 389+00'WB'	LS	LUMP SUM	_____.
2800	656.0400 Electrical Service Main Lugs Only Meter Pedestal (location) 353. 332+28'WB'	LS	LUMP SUM	_____.
2810	657.0255 Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	67.000 EACH	_____.	_____.
2820	657.0322 Poles Type 5-Aluminum	11.000 EACH	_____.	_____.
2830	657.0327 Poles Type 6-Aluminum	86.000 EACH	_____.	_____.
2840	657.0605 Luminaire Arms Single Member 4 1/2-Inch Clamp 4-FT	3.000 EACH	_____.	_____.
2850	657.0705 Luminaire Arms Truss Type 4 1/2-Inch Clamp 10-FT	71.000 EACH	_____.	_____.
2860	657.0715 Luminaire Arms Truss Type 4 1/2-Inch Clamp 15-FT	56.000 EACH	_____.	_____.
2870	659.0700 Lighting Units Walkway	4.000 EACH	_____.	_____.
2880	659.1125 Luminaires Utility LED C	130.000 EACH	_____.	_____.
2890	659.1205 Luminaires Underdeck LED A	4.000 EACH	_____.	_____.



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2900	659.1210 Luminaires Underdeck LED B	4.000 EACH	_____.	_____.
2910	659.2130 Lighting Control Cabinets 120/240 30-Inch	2.000 EACH	_____.	_____.
2920	659.2230 Lighting Control Cabinets 240/480 30-Inch	2.000 EACH	_____.	_____.
2930	690.0150 Sawing Asphalt	14,260.000 LF	_____.	_____.
2940	690.0250 Sawing Concrete	22,376.000 LF	_____.	_____.
2950	715.0415 Incentive Strength Concrete Pavement	23,293.400 DOL	1.00000	23,293.40
2960	715.0502 Incentive Strength Concrete Structures	11,334.600 DOL	1.00000	11,334.60
2970	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	2,100.000 HRS	5.00000	10,500.00
2980	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	2,400.000 HRS	5.00000	12,000.00
2990	SPV.0060 Special 001. Sawing Concrete Barrier	12.000 EACH	_____.	_____.
3000	SPV.0060 Special 310. Adjusting Water Valve Boxes	1.000 EACH	_____.	_____.
3010	SPV.0060 Special 350. Removing Lighting Unit	76.000 EACH	_____.	_____.
3020	SPV.0060 Special 351. Removing Luminaire	24.000 EACH	_____.	_____.
3030	SPV.0060 Special 352. Concrete Bases Type Special	2.000 EACH	_____.	_____.
3040	SPV.0090 Special 001. Sawing Concrete Precast Panel Installation	3,564.000 LF	_____.	_____.



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3050	SPV.0090 Special 003. Concrete Barrier Temporary Precast Left In Place	1,194.000 LF	_____.	_____.
3060	SPV.0090 Special 004. Fill and Restore Existing Concrete Rumble Strips	570.000 LF	_____.	_____.
3070	SPV.0090 Special 200. Traffic Control Gawk Screen Furnished	10,554.000 LF	_____.	_____.
3080	SPV.0090 Special 201. Traffic Control Gawk Screen Installed	10,554.000 LF	_____.	_____.
3090	SPV.0090 Special 202. Traffic Control Glare Screen Furnished	3,450.000 LF	_____.	_____.
3100	SPV.0090 Special 203. Traffic Control Glare Screen Installed	3,450.000 LF	_____.	_____.
3110	SPV.0105 Special 001. Survey Project 1020-06-75	LS	LUMP SUM	_____.
3120	SPV.0105 Special 002. Concrete Pavement Joint Layout	LS	LUMP SUM	_____.
3130	SPV.0105 Special 003. Temporary Surface Drainage	LS	LUMP SUM	_____.
3140	SPV.0105 Special 004. Project Concrete Crack Mitigation and Repair Special	LS	LUMP SUM	_____.
3150	SPV.0165 Special 850. Wall Concrete Panel Mechanically Stabilized Earth LRFD/QMP **P**	24,110.000 SF	_____.	_____.
3160	SPV.0180 Special 001. Concrete Pavement Repair Precast 12-Inch	7,453.000 SY	_____.	_____.
3170	SPV.0180 Special 003. Concrete Pavement Repair Overnight	741.000 SY	_____.	_____.



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3180	SPV.0180 Special 004. Concrete Pavement Replacement Overnight	1,188.000 SY	_____.	_____.
3190	616.0206 Fence Chain Link 6-FT	9,583.000 LF	_____.	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.

