



# Wisconsin Department of Transportation

February 19, 2020

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

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## NOTICE TO ALL CONTRACTORS:

**Proposal #22: 1176-02-69, WISC 2020 079**  
**Tomahawk - Minocqua**  
**Wisconsin River Bridge B-35-0063**  
**USH 51**  
**Lincoln County**

**1176-02-79, WISC 2020 080**  
**Minocqua - Tomahawk**  
**CTH S to USH 8, SB**  
**USH 51**  
**Lincoln County**

## Letting of March 10, 2020

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

### Special Provisions:

Added Special Provisions	
Article No.	Description
26	Removing Pavement Joint Repairs, Item 204.9180.S.01; Removing Pavement Mainline, Item 204.9180.S.02.
27	Shaping Shoulders, Item 305.0500
28	Base Aggregate Dense 1¼ -Inch, Item 305.0125
29	QMP Base Aggregate

### Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
204.0120	Removing Asphaltic Surface Milling	SY	215,634	-979	214,655
305.0120	Base Aggregate Dense 1¼-Inch	Ton	16,117	-12,293	3,824
460.6223	HMA Pavement 3 MT 58-28 S	Ton	38,700	-1,200	37,500
460.6444	HMA Pavement 4 MT 58-34 H	Ton	22,600	-100	22,500
624.0100	Water	MGAL	342	-142	200
643.0500	Traffic Control Flexible Tubular Marker Posts	EACH	2,236	864	3,100
643.0600	Traffic Control Flexible Tubular Marker Bases	EACH	1,792	864	2,656
646.1020	Marking Line Epoxy 4-Inch	LF	1,847	893	2,740
646.1040	Marking Line Grooved Wet Ref Epoxy 4-Inch	LF	210,980	-1,983	208,997
646.3555	Marking Line Grooved Contrast Permanent Tape 8-Inch	LF	7,230	4,280	11,510

646.6120	Marking Stop Line Epoxy 18-Inch	LF	76	17	93
646.7220	Marking Chevron Epoxy 24-Inch	LF	410	77	487
690.0250	Sawing Concrete	LF	572	36	608

<b>Added Bid Item Quantities</b>					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
204.9180.S.01	Removing Pavement Joint Repairs	SY	-	60	60
204.9180.S.02	Removing Pavement Mainline	SY	-	75,198	75,198
211.0400	Prepare Foundation for Asphaltic Shoulders	STA	-	866	866
305.0500	Shaping Shoulders	STA	-	434	434
305.0125	Base Aggregate Dense 1¼-Inch	CY	-	20,679	20,679
646.3545	Marking line Grooved Contrast Wet Ref Epoxy 8-Inch	LF	-	230	230
649.0250	Temporary Marking Line Removable Tape 8-Inch	LF	-	1,600	1,600
650.5000	Construction Staking base	LF	-	22,857	22,857

<b>Deleted Bid Item Quantities</b>					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
204.0100	Removing Pavement	SY	24,840	-24,840	0
211.0400	Prepare Foundation for Asphaltic Shoulders	STA	1,158	-1,158	0
650.5000	Construction Staking Base	LF	420	-420	0

**Plan Sheets:**

<b>Revised Plan Sheets</b>	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
14	<p>Finished Typical Section</p> <p>Edited and separated the previous sheet 14 stationing into two groups: (a) stationing from 1308+80 to 1503+50 belong to the southern section and on remain sheet 14; (b) Stationing from 1516+50 to 1751+90 belong to the northern section and was moved to sheet 14a for editing (see Added Plan Sheets). The revised typical on sheet 14, for stations 1308+80 to 1503+50, was edited by removing the note for "Concrete Pavement Related" and removing all associated concrete base work and thus not performing any repairs to the existing rubblized concrete pavement base within the limits of 1308+80 to 1341+00, and 1343+00 to 1503+50. The section from 1341+00 to 1343+00 was moved to sheet 16a for editing (see Added Plan Sheets).</p>
16	<p>Finished Typical Sections</p> <p>(i.) The typical for stations 1503+50 to 1516+50 remains unchanged and remains on sheet 16.</p> <p>(ii.) The typical for stations 1353+50 to 1684+52 was separated into two groups: (a) the typical for stations 1353+50 to 1483+20 remains on sheet 16 and was edited by removing the note for "Concrete Pavement Related" and removing all associated concrete base work and thus not performing any repairs to the existing rubblized concrete pavement base within these limits; (b) the typical for stations 1571+54 to 1684+52 was moved the sheet 16b for editing (see Added Plan Sheets).</p>
17	<p>Finished Typical Section</p> <p>(i.) The typical section for stations 1540+50 to 1586+30, was edited by removing the note for "Concrete Pavement Related" and added Removing Pavement and replacing with Base Aggregate Dense 1¼-Inch, and added Shaping Shoulders</p>

	(ii.) The typical for stations 1329+60 to 1605+68 remains unchanged and remains on sheet 17.
27	Construction Detail – Joint Repair Rubblized Concrete Pavement was edited by removing the proposed Joint Repair from the east-side lane while retaining the proposed Joint Repair on the west-side lane for stations 1341+00 to 1343+00.
43, 44, 45, 46, 51, 52, 53, 54	Miscellaneous Quantities – edited the listed MQ sheets by: adding new items, revising the quantities for existing items (no revisions or additions to MQ sheets 47, 48, 49, 50)

<b>Added Plan Sheets</b>	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
14A	Finished Typical Section – created a new sheet for stations 1516+50 to 1751+90, and in the existing concrete pavement area added Removing Pavement and replacing with Base Aggregate Dense 1¼-Inch, and added Shaping Shoulders.
16A	Finished Typical Section – created a new sheet for stations 1341+00 to 1343+00, and placed the Joint Repair notes (formerly found on “old” sheet 14) and applied this repair to existing rubblized concrete pavement base to only the west-side (RT side) of USH 51 SB. For the east-side of USH 51 SB, for the existing rubblized concrete pavement base a note was added saying To Remain
16B	Finished Typical Section – created a new sheet for stations 1571+54 to 1684+52, and in the existing concrete pavement area added Removing Pavement and replacing with Base Aggregate Dense 1¼-Inch, and added Shaping Shoulders.
54A	Miscellaneous Quantities – created a new sheet with new pay items and an existing pay item

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

Sincerely,

*Mike Coleman*

Proposal Development Specialist  
Proposal Management Section

**ADDENDUM NO. 01**

**1176-02-69/79**

**February 19, 2020**

**Special Provisions**

**26. Removing Pavement Joint Repairs, Item 204.9180.S.01; Removing Pavement Mainline, Item 204.9180.S.02.**

**A Description**

This special provision describes removing pavement joint repairs and removing pavement mainline conforming to standard spec 204.

*Add the following to standard spec 204.3.2.2.1:*

Any excess material remaining at the end of construction is the property of the contractor and must be removed from the site

**B (Vacant)**

**C (Vacant)**

**D Measurement**

The department will measure Removing Pavement Joint Repairs and Removing Pavement Mainline by area in square yards of work, acceptably completed.

**E Payment**

*Add the following to standard spec 204.5:*

ITEM NUMBER	DESCRIPTION	UNIT
204.9180.S.01	Removing Pavement Joint Repairs	SY
204.9180.S.02	Removing Pavement Mainline	SY

**27. Shaping Shoulders, Item 305.0500.**

*Add the following to standard spec 305.3.4:*

Under the Shaping Shoulders bid item, remove existing base aggregate material located between the asphaltic shoulders and concrete pavement

**28. Base Aggregate Dense 1-1/4 Inch, item 305.0125.**

*Add the following to standard spec 301.5:*

For Base Aggregate Dense 1-1/4 inch measured by the Cubic Yard (CY), payment will be made according to plan thicknesses

**29. QMP Base Aggregate**

*Add the following to standard spec 730.3:*

When converting weights and volumes of crushed concrete, the measurement will be based on the volume of the material according to plan thickness. For this project the conversion for the unit weight of concrete is 1.96 Ton/CY.

**Schedule of Items**

Attached, dated February 19, 2020, are the revised Schedule of Items Pages 1 – 8.

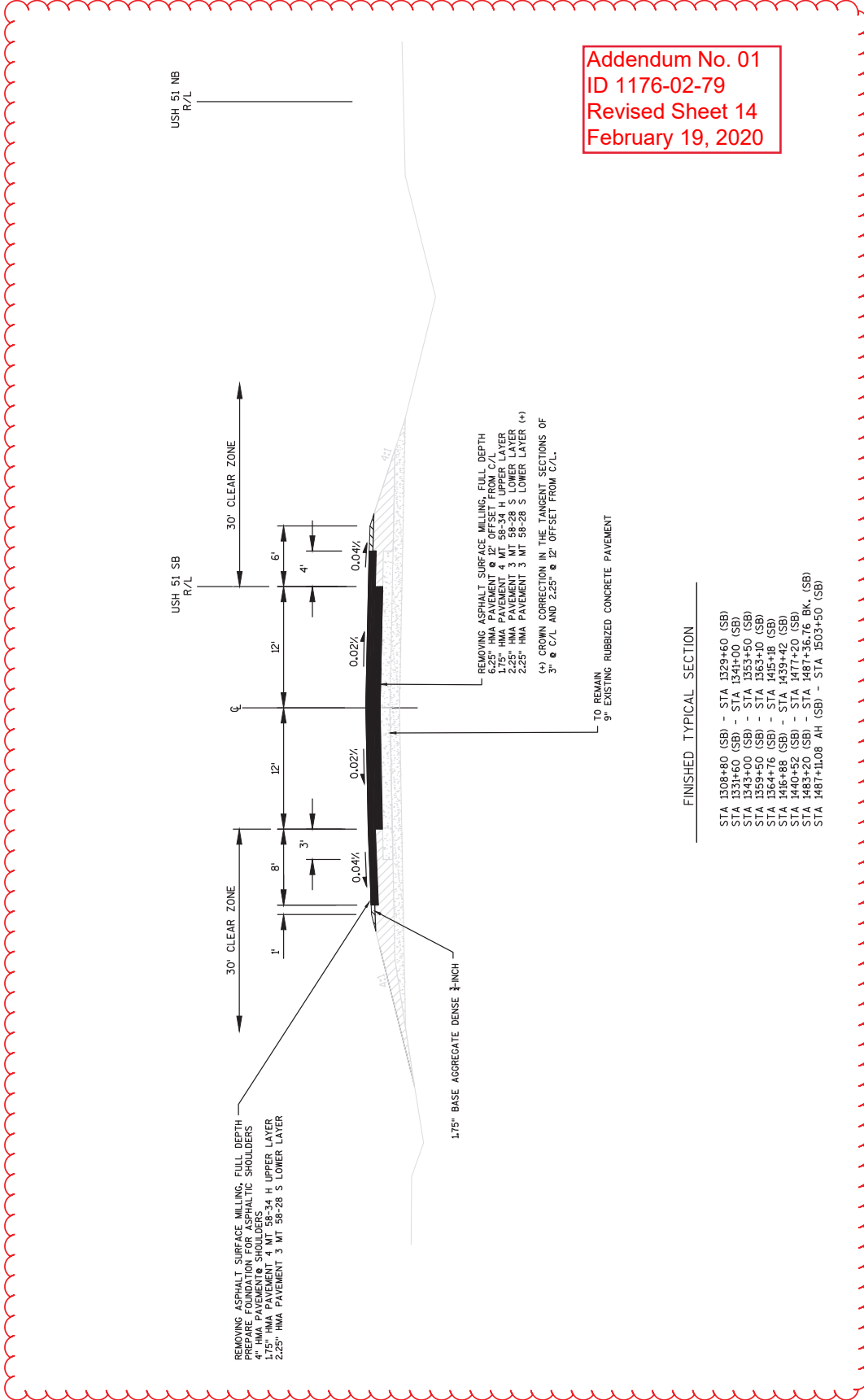
**Plan Sheets**

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

Revised: 14, 16, 17, 27, 43, 44, 45, 46, 51, 52, 53, and 54.

Added: 14A, 16A, 16B, and 54A.

END OF ADDENDUM



Addendum No. 01  
 ID 1176-02-79  
 Revised Sheet 14  
 February 19, 2020

REMOVING ASPHALT SURFACE MILLING, FULL DEPTH  
 PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS  
 4" HMA PAVEMENT 0 SHOULDERS  
 1.75" HMA PAVEMENT 4 MT 58-34 H UPPER LAYER  
 2.25" HMA PAVEMENT 3 MT 58-28 S LOWER LAYER

1.75" BASE AGGREGATE DENSE 1/2-INCH

TO REMAIN  
 9" EXISTING RUBBIZED CONCRETE PAVEMENT

REMOVING ASPHALT SURFACE MILLING, FULL DEPTH  
 6.25" HMA PAVEMENT 12" OFFSET FROM C/L  
 1.75" HMA PAVEMENT 4 MT 58-34 H UPPER LAYER  
 2.25" HMA PAVEMENT 3 MT 58-28 S LOWER LAYER  
 2.25" HMA PAVEMENT 3 MT 58-28 S LOWER LAYER (+)

(+) CROWN CORRECTION IN THE TANGENT SECTIONS OF  
 3" 0 C/L AND 2.25" 0 12" OFFSET FROM C/L

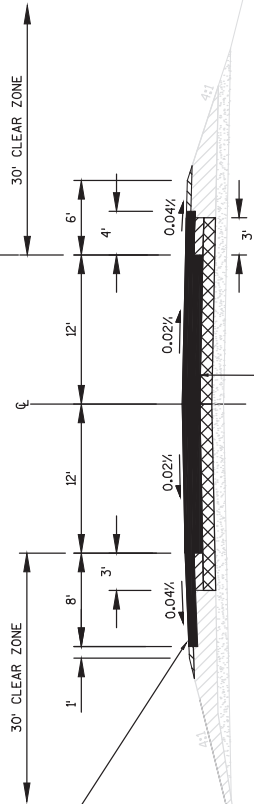
FINISHED TYPICAL SECTION

- STA 1308+80 (SB) - STA 1329+60 (SB)
- STA 1331+60 (SB) - STA 1341+00 (SB)
- STA 1343+00 (SB) - STA 1353+50 (SB)
- STA 1359+00 (SB) - STA 1370+00 (SB)
- STA 1379+70 (SB) - STA 1405+18 (SB)
- STA 1405+88 (SB) - STA 1439+42 (SB)
- STA 1440+52 (SB) - STA 1477+20 (SB)
- STA 1483+20 (SB) - STA 1487+36.76 BK. (SB)
- STA 1487+11.08 AH (SB) - STA 1503+50 (SB)

Addendum No. 01  
ID 1176-02-79  
Added Sheet 14A  
February 19, 2020




USH 51 NB  
R/L

USH 51 SB  
R/L



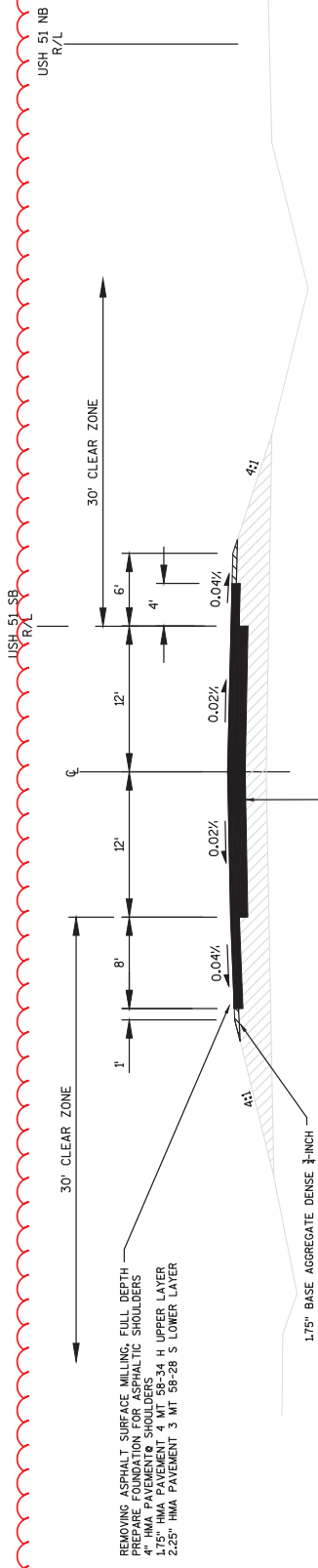
REMOVING ASPHALT SURFACE MILLING, FULL DEPTH  
PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS  
4" HMA PAVEMENT 4 MT 58-34 H UPPER LAYER  
1.75" HMA PAVEMENT 3 MT 58-28 S LOWER LAYER

REMOVING ASPHALT SURFACE MILLING, FULL DEPTH  
6.25" HMA PAVEMENT 0.12' OFFSET FROM C/L  
1.75" HMA PAVEMENT 3 MT 58-28 S LOWER LAYER  
2.25" HMA PAVEMENT 3 MT 58-28 S LOWER LAYER

-  1.75" BASE AGGREGATE DENSE 3/4-INCH (TON)
-  SHAPING SHOULDERS (STA)  
2.25" BASE AGGREGATE DENSE 1 1/4-INCH (TON)
-  REMOVING PAVEMENT (SY)  
BASE AGGREGATE DENSE 1 1/4-INCH (CY)  
PLACE BASE AGGREGATE DENSE 1 1/4-INCH AT REMOVING PAVEMENT  
LOCATIONS, 2% N.C. TANGENT SECTIONS, 9" THICK 15' OFF C/L

FINISHED TYPICAL SECTION

- STA 1516+50 (SB) - STA 1526+66 (SB)
- STA 1534+54 (SB) - STA 1540+50 (SB)
- STA 1571+54 (SB) - STA 1571+54 (SB)
- STA 1571+54 (SB) - STA 1582+70 (SB)
- STA 1589+50 (SB) - STA 1589+50 (SB)
- STA 1605+68 (SB) - STA 1605+68 (SB)
- STA 1675+39.80AH (SB) - STA 1674+43.96 BK (SB)
- STA 1684+52 (SB) - STA 1684+52 (SB)
- STA 1713+54.79 AH (SB) - STA 1751+30 (SB)

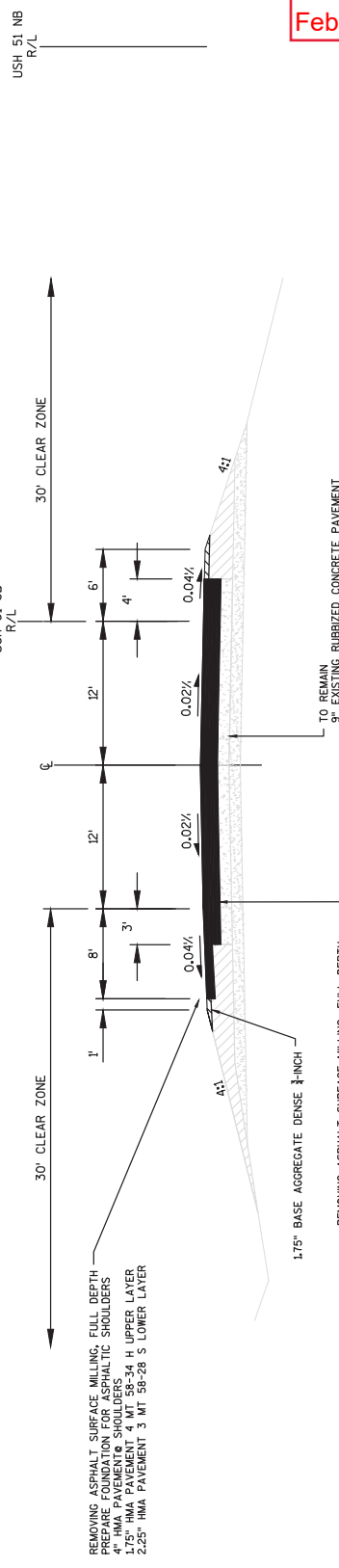


REMOVING ASPHALT SURFACE MILLING, FULL DEPTH  
PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS  
4\"/>

REMOVING ASPHALT SURFACE MILLING, FULL DEPTH  
PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS  
4\"/>

FINISHED TYPICAL SECTION

STA 1503+50 (SB) - STA 1516+50 (SB)



REMOVING ASPHALT SURFACE MILLING, FULL DEPTH  
PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS  
4\"/>

REMOVING ASPHALT SURFACE MILLING, FULL DEPTH  
PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS  
4\"/>

FINISHED TYPICAL SECTION (BRIDGE OVERPASS)

STA 1353+50 (SB) - STA 1359+50 (SB) (CRASS RD)  
STA 1477+20 (SB) - STA 1483+20 (SB) (STH 86)

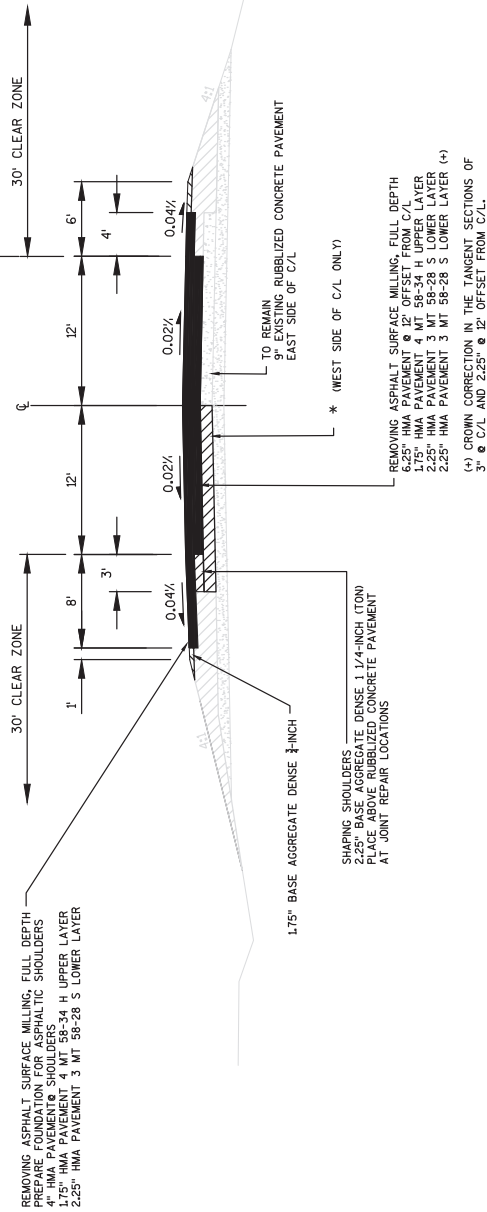
Addendum No. 01  
ID 1176-02-79  
Revised Sheet 16  
February 19, 2020



**Addendum No. 01**  
**ID 1176-02-79**  
**Added Sheet 16A**  
**February 19, 2020**

USH 51 NB  
R/L

USH 51 SB  
R/L

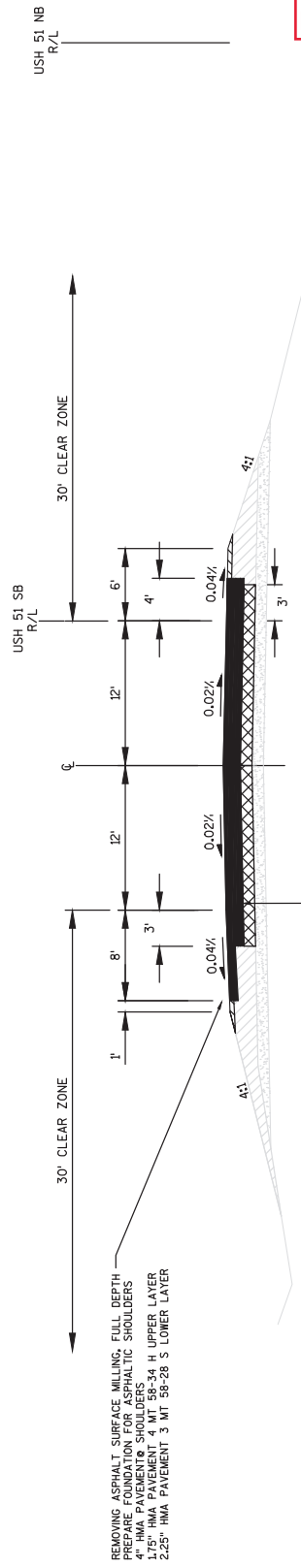


FINISHED TYPICAL SECTION (JOINT REPAIR)

STA 1341+00 (SB) - STA 1343+00 (SB)

- \* JOINT REPAIR RELATED
- 3' LONG X 15" WIDE AT EXISTING DOWEL BAR JOINT IN RUBBLIZED CONCRETE PAVEMENT
- REMOVING PAVEMENT
- 9-INCHES
- BASE AGGREGATE DENSE 1 1/4-INCH (TON)
- PLACEMENT IN REMOVING PAVEMENT LOCATIONS IN NON JOINT REPAIR AREAS ON THE WEST SIDE FOLLOW EAST SIDE
- (SEE CONSTRUCTION DETAIL)

Addendum No. 01  
 ID 1176-02-79  
 Added Sheet 16B  
 February 19, 2020






REMOVING ASPHALT SURFACE MILLING, FULL DEPTH  
 PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS  
 1.75" HMA PAVEMENT 4' MT 58-34 H UPPER LAYER  
 2.25" HMA PAVEMENT 3' MT 58-28 S LOWER LAYER

REMOVING ASPHALT SURFACE MILLING, FULL DEPTH  
 6.25" HMA PAVEMENT 0' 12" OFFSET FROM C/L  
 1.75" HMA PAVEMENT 3' MT 58-34 H UPPER LAYER  
 2.25" HMA PAVEMENT 3' MT 58-28 S LOWER LAYER  
 2.25" HMA PAVEMENT 3' MT 58-28 S LOWER LAYER

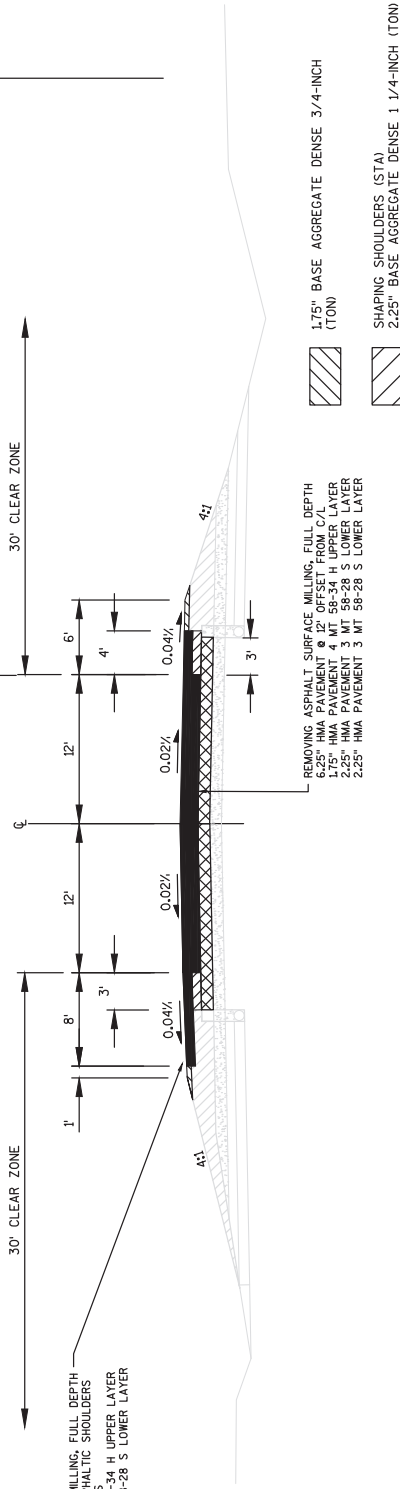
FINISHED TYPICAL SECTION (BRIDGE OVERPASS)

STA 1571+54 (SB) - STA 1577+54 (SB) (CTH A)  
 STA 1678+52 (SB) - STA 1684+52 (SB) (NIBBLER RD)

-  1.75" BASE AGGREGATE DENSE 3/4-INCH (TON)
-  SHAPING SHOULDERS (STA)  
2.25" BASE AGGREGATE DENSE 1 1/4-INCH (TON)
-  REMOVING PAVEMENT (SY)  
BASE AGGREGATE DENSE 1 1/4-INCH (CY)  
PLACE BASE AGGREGATE DENSE 1 1/4-INCH AT REMOVING PAVEMENT LOCATIONS, 2' N.C. TANGENT SECTIONS, 9" THICK 15' OFF C/L

USH 51 NB  
R/L

USH 51 SB  
R/L



REMOVING ASPHALT SURFACE MILLING, FULL DEPTH  
PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS  
4" HMA PAVEMENT 4 MT 58-34 H UPPER LAYER  
1.75" HMA PAVEMENT 3 MT 58-28 S LOWER LAYER

REMOVING ASPHALT SURFACE MILLING, FULL DEPTH  
6.25" HMA PAVEMENT 12" OFFSET FROM C/L  
1.75" HMA PAVEMENT 4 MT 58-34 H UPPER LAYER  
2.25" HMA PAVEMENT 3 MT 58-28 S LOWER LAYER

1.75" BASE AGGREGATE DENSE 3/4-INCH (TON)  
SHAPING SHOULDERS (STA)  
2.25" BASE AGGREGATE DENSE 1 1/4-INCH (TON)

FINISHED TYPICAL SECTION

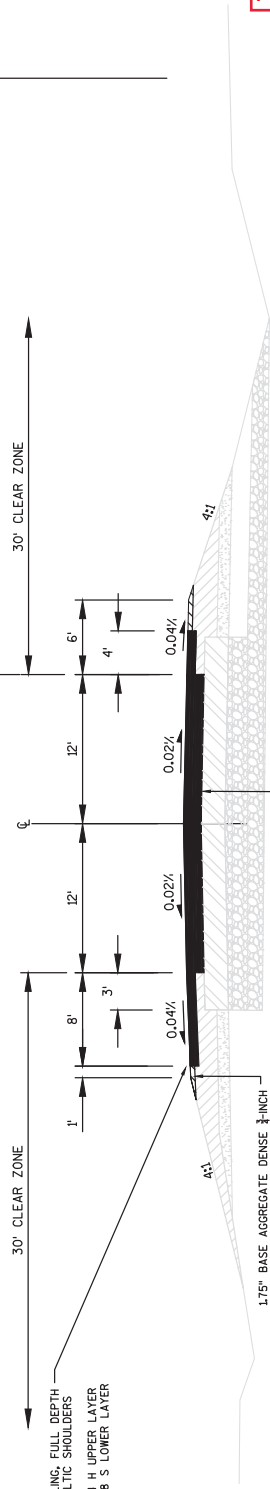
STA 1540+50 (SB) - STA 1541+50 (SB)  
STA 1582+70 (SB) - STA 1586+30 (SB)

REMOVING PAVEMENT (SY)  
BASE AGGREGATE DENSE 1 1/4-INCH (CY)  
PLACE BASE AGGREGATE DENSE 1 1/4-INCH AT REMOVING PAVEMENT LOCATIONS, 2% N.C. TANGENT SECTIONS, 9" THICK 15' OFF C/L

Addendum No. 01  
ID 1176-02-79  
Revised Sheet 17  
February 19, 2020

USH 51 NB  
R/L

USH 51 SB  
R/L



REMOVING ASPHALT SURFACE MILLING, FULL DEPTH  
PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS  
4" HMA PAVEMENT 4 MT 58-34 H UPPER LAYER  
1.75" HMA PAVEMENT 3 MT 58-28 S LOWER LAYER

REMOVING ASPHALT SURFACE MILLING, FULL DEPTH  
6.25" HMA PAVEMENT 12" OFFSET FROM C/L  
1.75" HMA PAVEMENT 4 MT 58-34 H UPPER LAYER  
2.25" HMA PAVEMENT 3 MT 58-28 S LOWER LAYER  
(\*) CROWN CORRECTION IN THE TANGENT SECTIONS OF  
3" @ C/L AND 2.25" @ 12' OFFSET FROM C/L.

FINISHED TYPICAL SECTION

STA 1329+60 (SB) - STA 1331+60 (SB)  
STA 1363+10 (SB) - STA 1364+76 (SB)  
STA 1439+42 (SB) - STA 1440+52 (SB)  
STA 1604+58 (SB) - STA 1605+68 (SB)



**REMOVING CONCRETE SURFACE PARTIAL DEPTH**

STATION	STATION	OFFSETS	LOCATION	COMMENTS	PARTIAL DEPTH (SF)
94+61 (STH86)	- 96+20 (STH 86)	12' RT - 31' RT	5TH 86, SOUTH SHOULDER	2" DEEP, ENTRANCE RAMP TO USH 51 SB	1600
94+88 (STH86)	- 96+34 (STH 86)	12' LT - 27' LT	5TH 86, NORTH SHOULDER	2" DEEP, EXIT RAMP FROM USH 51 SB	1140
<b>TOTAL:</b>					<b>2740</b>

**204.9180.S.01**

STATION	STATION	LOCATION	REMOVING ASPHALTIC SURFACE MILLING	REMOVING ASPHALTIC SURFACE MILLING (SY)
204-0120				
1308+80 (SB)	- 1751+90 (SB)	USH 51 SB	REMOVING ASPHALTIC SURFACE MILLING	117507
1308+80 (SB)	- 1751+90 (SB)	8' SHLDR, USH 51 SB		38635
1308+80 (SB)	- 1751+90 (SB)	3' SHLDR, USH 51 SB		14488
128+82 SNR	- 146+62 SNR	EXIT RAMP, USH 51 SB TO CTH S		4549
116+14 NBR	- 139+86 NBR	ENTRANCE RAMP, CTH S TO USH 51 NB		6059
300+00 DC	- 323+62 DC	ENTRANCE RAMP, 5TH 86 TO USH 51 SB		6036
400+00 DD	- 415+78 DD	EXIT RAMP, USH 51 SB TO 5TH 86		3982
200+00 DB	- 215+61 DB	EXIT RAMP, USH 51 NB TO 5TH 86		3989
99+73 DA	- 123+67 DA	ENTRANCE RAMP, 5TH 86 TO USH 51 NB		6121
300+00 AC	- 314+08 AC	ENTRANCE RAMP, CTH A TO USH 51 SB		3598
416+40 AD	- 420+54 AD	EXIT RAMP, USH 51 SB TO CTH A		1061
13+86	- 23+86	CTH S WB & EB		5923
94+43	- 104+30	5TH 86		2707
<b>TOTALS:</b>				<b>214655</b>

204.01095  
REMOVING CONCRETE SURFACE PARTIAL DEPTH

209.1100  
GRANULAR BACKFILL  
205.0100  
EXCAVATION COMMON GRADE 1

3

3

**Addendum No. 01**  
**ID 1176-02-79**  
**Revised Sheet 43**  
**February 19, 2020**

**EARTHWORK**

STATION	STATION	LOCATION	COMMENTS	(CY)
1377+45 (SB)	- 1378+50 (SB)	CULVERT PIPE TRANSITION		1023
1600+55 (SB)	- 1601+65 (SB)	CULVERT PIPE TRANSITION		1190
1640+50 (SB)	- 1648+55 (SB)	CULVERT PIPE TRANSITION		702
1672+60 (SB)	- 1673+65 (SB)	CULVERT PIPE TRANSITION		690
<b>UNDISTRIBUTED</b>				<b>58</b>
<b>TOTALS:</b>				<b>300</b>

**PREPARE FOUNDATION FOR ASPHALTIC PAVING**

**PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS**

STATION	STATION	COMMENTS	(LS)	(STA)
<b>PROJECT LIMITS</b>				
1308+80 (SB) LT	- 1415+18 (SB) LT	USH 51 SB	1	-
1308+80 (SB) RT	- 1415+18 (SB) RT	USH 51 SB	-	106
1416+88 (SB) LT	- 1526+66 (SB) LT	USH 51 SB	-	110
1416+88 (SB) RT	- 1526+66 (SB) RT	USH 51 SB	-	110
1534+54 (SB) LT	- 1751+90 (SB) LT	USH 51 SB	-	217
1534+54 (SB) RT	- 1751+90 (SB) RT	USH 51 SB	-	217
<b>TOTALS:</b>				<b>866</b>

Addendum No. 01  
ID 1176-02-79  
Revised Sheet 44  
February 19, 2020

**BASE AGGREGATE DENSE**

STATION	STATION	LOCATION	COMMENTS	305.0110 BASE AGGREGATE DENSE 3/4-INCH (TON)	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH (TON)	624.0100 WATER (MGAL)
1308+80 (SB)	LT	USH 51, WEST SHOULDER	LT (WEST) SHOULDER	658	-	-
1308+80 (SB)	RT	USH 51, MEDIAN SHOULDER	RT (EAST) SHOULDER	1152	-	-
1341+00 (SB)	LT	USH 51, WEST SHOULDER	ABOVE JOINT REPAIR, 2.25" THICK, 3'x3' AREA	-	2	-
1377+45 (SB)	-	USH 51, CULVERT REPLACEMENTS	BELOW PAVEMENT	-	1773	-
1308+80 (SB)	-	USH 51, JOINT REPAIR	RUBBLIZED CONCRETE BASE	-	81	-
1308+80 (SB)	-	EXIT/ENTRANCE RAMPS	SHOULDERS (LT/RT)	802	-	-
13+86 (CTH S)	-	23+86 (CTH S)	C&G SPOT REPAIRS, UNDISTRIBUTED	30	-	-
94+88 (86)	-	104+18 (86)	SHOULDERS (EXCLUDES BRIDGE)	85	-	-
1308+80 (SB)	-	PROJECT LIMITS	UNDISTRIBUTED	73	194	-
<b>PROJECT LIMITS</b>				2800	2050	200
<b>TOTALS:</b>				2800	2050	200

(\*) : ADDITIONAL QUANTITIES OF THIS ITEM SHOWN ELSEWHERE IN CONTRACT

**REMOVING ASPHALTIC SURFACE BUTT JOINTS**

STATION	STATION	LOCATION	COMMENTS	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS	416.1725 CONCRETE PAVEMENT REPLACEMENT	416.0620 DRILLED TIE BARS	690.0250 DRILLED DOWEL BARS	(*) CONCRETE
1308+80 (SB)	-	USH 51 SB	MAINLINE	44	35.0	7	12	51
1751+78 (SB)	-	USH 51 SB	MAINLINE	44	35.0	7	12	51
1415+08 (SB)	-	USH 51 SB	BRIDGE APPROACH	44	35.0	-	12	30
1416+88 (SB)	-	USH 51 SB	BRIDGE APPROACH	44	35.0	-	12	30
1526+56 (SB)	-	USH 51 SB	BRIDGE APPROACH	44	33.3	7	12	50
1534+54 (SB)	-	USH 51 SB	BRIDGE APPROACH	44	33.3	-	12	30
13+90 (SW)	-	CTH S (WESTBOUND)	EAST END	22	33.3	7	12	50
13+86 (SE)	-	CTH S (EASTBOUND)	EAST END	22	33.3	-	12	30
23+67 (SW)	-	CTH S (WESTBOUND)	WEST END	22	33.3	-	12	30
23+76 (SE)	-	CTH S (EASTBOUND)	WEST END	22	33.3	-	12	30
94+43 (86)	-	94+53 (86)	WEST END	33	33.3	-	12	30
97+79 (86)	-	97+89 (86)	BRIDGE, WEST END	44	33.3	-	12	30
100+91 (86)	-	101+01 (86)	BRIDGE, EAST END	44	33.3	-	12	30
104+20 (86)	-	104+30 (86)	EAST END	33	33.3	-	12	30
139+76 (NBR)	-	CTH S	ENTRANCE RAMP TO 51 NB	26	33.3	-	12	30
200+00 (DB)	-	CTH S	EXIT RAMP FROM 51 NB	26	33.3	-	12	30
123+57 (DA)	-	CTH S	ENTRANCE RAMP TO 51 NB	26	33.3	-	12	30
313+98 (CTHA)	-	CTH A	NEAR GORE, ENTRANCE RAMP	26	33.3	-	12	30
416+10 (CTHA)	-	CTH A	NEAR GORE, EXIT RAMP	26	33.3	-	12	30
<b>TOTAL:</b>				639	238.3	28	84	292

(\*) : ADDITIONAL QUANTITIES OF THIS ITEM SHOWN ELSEWHERE IN CONTRACT  
DL = DRIVING LANE (27' LT - 12' RT)  
PL = PASSING LANE (12' LT - 3' RT)  
STATION EQUATION: 1757+88.54 (BK) = 1757+91.22 (AH)  
NOTE: STATION STAMP MARKS ON PAVEMENT (RT SHILDR) DO NOT MATCH CURRENT PROJECT ALIGNMENT

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HMA PAVEMENT		460.6223 460.6444		450.4000		465.0125	
STATION	STATION	LOCATION	COMMENTS	TON	TON	TON	TON
1308+80	- 1751+90	USH 51 SB	TRAVELLED LANES	30039	11360	-	-
1308+80	- 1751+90	USH 51 SB	SHOULDERS	4079	5679	-	-
128+82 SNR	- 146+62 SNR	EXIT RAMP, USH 51 SB TO CTH S	RAMP, FULL WIDTH	318	509	-	-
116+14 NBR	- 139+86 NBR	ENTRANCE RAMP, CTH S TO USH 51 NB	RAMP, FULL WIDTH	424	679	-	-
300+00 DC	- 323+62 DC	ENTRANCE RAMP, STH 86 TO USH 51 SB	RAMP, FULL WIDTH	423	676	-	-
400+00 DD	- 415+78 DD	EXIT RAMP, USH 51 SB TO STH 86	RAMP, FULL WIDTH	279	446	-	-
200+00 DB	- 215+61 DB	EXIT RAMP, USH 51 NB TO STH 86	RAMP, FULL WIDTH	279	447	-	-
99+73 DA	- 123+67 DA	ENTRANCE RAMP, STH 86 TO USH 51 NB	RAMP, FULL WIDTH	428	686	-	-
300+00 AC	- 314+08 AC	ENTRANCE RAMP, CTH A TO USH 51 SB	RAMP, FULL WIDTH	252	403	-	-
416+40 AD	- 420+54 AD	EXIT RAMP, USH 51 SB TO CTH A	RAMP, FULL WIDTH	74	118	-	-
13+86	- 23+86	CTH S, WB & EB	LANES, SHOULDERS, TAPERS	724	1074	-	-
94+43	- 104+30	STH 86	LANES, SHOULDERS, TAPERS	189	304	-	-
1306+00 (NB)	- 13011+00 (NB)	USH 51 NB, WEST EDGE SHOULDER	TEMP WIDENING, XO CRASH CUSHION	-	-	-	50
CROSSOVERS		X02-X06	TEMP WIDENING, XO PAVT WIDENING	-	-	-	252
UNDISTRIBUTED		PROJECT LIMITS	AS NEEDED PATCHING	215	159	100	10
UNDISTRIBUTED		PROJECT LIMITS		30650	-	-	-
TOTALS:				24000	37500	22500	100

- NOTES: 1. Lower layer includes crown correction.  
 2. Gaps in USH 51 SB HMA paving occur at: 1415+18 to 1416+88 (Kaphaem Road Bridge), and 1526+66 to 1534+54 (Wisc. River Bridge).  
 3. Gap in STH 86 HMA paving occurs at 97+89 to 100+91 (bridge B-53-0059 USH 51 overpass).

STATION	STATION	OFFSETS	LOCATION	COMMENTS	(SY)	(SY)	(CY)
1526+66 (SB)	- 1526+89 (SB) 6' RT - 34' LT	USH 51 SB, APPROACH SLAB	MILL 2" DEEP, SOUTH END BRIDGE		10	103	9
1534+30 (SB)	- 1534+54 (SB) 6' RT - 34' LT	USH 51 SB, APPROACH SLAB	MILL 2" DEEP, NORTH END OF BRIDGE		11	107	9
TOTAL:					21	210	18

PREPARATION APPROACHES  
 CLEANING APPROACHES  
 CONCRETE MASONRY OVERLAY APPROACHES  
 (APPROACH SLABS TO BRIDGE)

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PWL MIXTURE USE TABLE

Table with columns: LOCATION, ROADWAY, STATION, MIXTURE, UNDERLYING SURFACE, BID ITEM, TONS, THICKNESS, QUALITY MANAGEMENT PROGRAM TO BE USED FOR: MIXTURE ACCEPTANCE, DENSITY ACCEPTANCE. Includes rows for various roadways like USH 51 SB, CTH S EB, and CTH S WB.

HMA TEST STRIPS

Summary table for HMA Test Strips showing HMA, Percent Within Limits (PWL), Test Strip Volumetrics, and Density (Each) for 2 and 3 test strips.

ASPHALTIC SHOULDER RUMBLE STRIPS

Summary table for Asphaltic Shoulder Rumble Strips showing Asphaltic Rumble Strips (LF) and Density (Each) for 36765 and 43295 test strips.

- NOTE:
1. Lower layer includes crown correction.
2. Gaps in USH 51 SB HMA paving occur at: 1415+18.1 to 1416+88 (Kahnhaem Road Bridge), and 1526+66 to 1534+54 (Wisc. River Bridge).
3. Gap in CTH 86 HMA paving occurs at: 98+00 to 100+91 (bridge B-53-0059 USH 51 overpass).



**TRAFFIC CONTROL**

PROJECT LIMITS	643.0705	643.0715	643.0775	643.0800	643.0920
USH 51 - STAGE 1	TRAFFIC CONTROL	TRAFFIC CONTROL	TRAFFIC CONTROL	TRAFFIC CONTROL	TRAFFIC CONTROL
USH 51 SB WORK ZONE	4800	9600	8550	150	6075
USH 51 NB BI-DIRECTIONAL	150	900	1050	150	7050
USH 51 - STAGE 2	TRAFFIC CONTROL	WARNING LIGHTS	ARROW CONTROL	TRAFFIC COVERING	TRAFFIC CONTROL
USH 51 SB WORK ZONE	3762	2772	3894	132	2508
CTHS					
CTH S WORK ZONE		180		60	1910
5TH 86					
5TH 86 WORK ZONE		720		30	1910
USH 51 - STAGE 3					
USH 51 SB WORK ZONE	2432	4864	4332	76	3078
USH 51 NB BI-DIRECTIONAL	76	456	532	76	3572
UNDISTRIBUTED	96	108	188	36	172
	11316	19600	18546	710	26275
	316				7

**TEMPORARY MARKING**

STAGE	LOCATION	649.0105	649.0150	649.0250	649.0760
1	USH 51 NB BI-DIRECTIONAL (PRE MEMORIAL DAY)	132000	-	800	-
1	USH 51 NB BI-DIRECTIONAL (POST MEMORIAL DAY)	132000	-	400	-
1	NB LANE LINE, SO. OF TRAFFIC CROSSEVER 1	660	-	-	-
1	TRAFFIC CROSSEVER 1	500	200	-	-
1	TRAFFIC CROSSEVER 1	1200	400	-	24
1	TRAFFIC CROSSEVER 2	900	400	-	-
1	TRAFFIC CROSSEVER 3	900	400	-	-
1	TRAFFIC CROSSEVER 4	900	400	-	-
1	TRAFFIC CROSSEVER 5	900	400	-	-
1	TRAFFIC CROSSEVER 6	500	350	-	-
1	TRAFFIC CROSSEVER 6	1200	400	-	24
1	SB LANE LINE, NO. OF TRAFFIC CROSSEVER 6	660	-	-	-
2	USH 51 SB	101000	-	-	-
2	USH 51 NB	56000	-	-	-
3	NB BI-DIRECTIONAL	132000	-	400	-
1 & 2	UNDISTRIBUTED	330	200	-	10
	TOTAL	561,650	3,150	1,600	58

**TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS  
TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER BASES**

STATION	STATION	LOCATION	(*)	(*)
1306+00 (NB)	1738+00 (NB)	USH 51 NB, BI DIRECTIONAL, (PRE MEMORIAL DAY)	643.0500	643.0600
1306+00 (NB)	1738+00 (NB)	USH 51 NB, BI DIRECTIONAL, (POST MEMORIAL DAY)	TRAFFIC CONTROL	TRAFFIC CONTROL
1306+00 (NB)	1738+00 (NB)	USH 51 NB, LANE LINE, BI-DIRECTIONAL TRAFFIC, STAGE 3	TRAFFIC CONTROL FLEXIBLE	TRAFFIC CONTROL FLEXIBLE
UNDISTRIBUTED		TRAFFIC DAMAGE REPLACEMENTS	TUBULAR MARKER	TUBULAR MARKER
			POSTS BASES	POSTS BASES
			(EACH)	(EACH)
			864	864
			864	864
			864	864
			444	-
			3036	2592
			(*)	(*)

(\*) ADDITIONAL QUANTITIES OF THIS ITEM SHOWN ELSEWHERE IN CONTRACT

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**SALVAGED CONCRETE BARRIER PRECAST  
REMOVING EXISTING TUBULAR MARKER POST AND BASE**

STATION	STATION	LOCATION	COMMENTS	TRAFFIC CONTROL MARKER POSTS (EACH)	TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER BASES (EACH)	TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS (EACH)	204-9060.5 REMOVING EXISTING TUBULAR MARKER POST AND BASE (EACH)	SPV.0090.01 SALVAGED CONCRETE BARRIER PRECAST (L.F.)
<b>TRAFFIC CROSSOVER 1</b>								
1303+00 (SB)	- 1305+00 (SB)	MEDIAN CROSSOVER 1	BEFORE STAGE 1	-	-	-	39	-
1303+00 (SB)	- 1305+00 (SB)	MEDIAN CROSSOVER 1	AFTER STAGE 3	39	39	-	-	-
<b>TRAFFIC CROSSOVER 2</b>								
1460+07 (SB)	- 1460+95 (SB)	MEDIAN CROSSOVER 2	BEFORE STAGE 1	-	-	-	-	88
1460+07 (SB)	- 1460+95 (SB)	MEDIAN CROSSOVER 2	AFTER STAGE 3	-	-	-	-	88
<b>TRAFFIC CROSSOVER 3</b>								
1497+22 (SB)	- 1498+10 (SB)	MEDIAN CROSSOVER 3	BEFORE STAGE 1	-	-	-	-	88
1497+22 (SB)	- 1498+10 (SB)	MEDIAN CROSSOVER 3	AFTER STAGE 3	-	-	-	-	88
<b>TRAFFIC CROSSOVER 4</b>								
1552+30 (SB)	- 1553+15 (SB)	MEDIAN CROSSOVER 4	BEFORE STAGE 1	-	-	-	-	88
1552+30 (SB)	- 1553+15 (SB)	MEDIAN CROSSOVER 4	AFTER STAGE 3	-	-	-	-	88
<b>TRAFFIC CROSSOVER 5</b>								
1595+80 (SB)	- 1597+10 (SB)	MEDIAN CROSSOVER 5	BEFORE STAGE 1	-	-	-	25	-
1595+80 (SB)	- 1597+10 (SB)	MEDIAN CROSSOVER 5	AFTER STAGE 3	25	25	-	-	-
<b>TRAFFIC CROSSOVER 6</b>								
1738+20 (SB)	- 1739+70 (SB)	MEDIAN CROSSOVER 6	BEFORE STAGE 1	-	-	-	-	138
1738+20 (SB)	- 1739+70 (SB)	MEDIAN CROSSOVER 6	AFTER STAGE 3	-	-	-	-	138
<b>TOTAL</b>				64	64	64	64	804

NOTE:  
5-FOOT SPACING FOR FLEXIBLE TUBULAR MARKERS LOCATED INSIDE MEDIAN CROSSOVERS.  
(\*) : ADDITIONAL QUANTITIES OF THIS ITEM SHOWN ELSEWHERE IN CONTRACT

STATION	LOCATION	COMMENTS	SAWING ASPHALT SAWING CONCRETE (LF)	690.0150 SAWING ASPHALT (LF)	(*) 690.0250 SAWING CONCRETE (LF)
1341+00 (SB)	- 1343+00 (SB)	JOINT REPAIR	-	-	36
STA 1377+45 (SB)	USH 51 SB	CULVERT 35051636634	35	35	35
STA 1378+49 (SB)	USH 51 SB	CULVERT 35051636634	35	35	35
STA 1600+59 (SB)	USH 51 SB	CULVERT 35051636635	35	35	35
STA 1601+63 (SB)	USH 51 SB	CULVERT 35051636635	35	35	35
STA 1647+50 (SB)	USH 51 SB	CULVERT 35051636636	35	35	35
STA 1648+54 (SB)	USH 51 SB	CULVERT 35051636636	35	35	35
STA 1672+60 (SB)	USH 51 SB	CULVERT 35051636654	35	35	35
STA 1673+65 (SB)	USH 51 SB	CULVERT 35051636654	35	35	35
STA 13+90 (SW)	CTH 5	CTH 5, EAST END	20	-	-
STA 13+86 (SE)	CTH 5	CTH 5, EAST END	20	-	-
STA 23+77 (SW)	CTH 5	CTH 5, WEST END	20	-	-
STA 23+86 (SE)	CTH 5	CTH 5, WEST END	20	-	-
STA 94+43 (86)	STH 86	STH 86, WEST END	30	-	-
STA 104+30 (86)	STH 86	STH 86, EAST END	30	-	-
<b>UNDISTRIBUTED PROJECT LIMITS</b>			450	316	(*)

(\*) : ADDITIONAL QUANTITIES OF THIS ITEM SHOWN ELSEWHERE IN CONTRACT

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MARKING LINE (PERMANENT)

STA	STA	LOCATION	646.1020 MARKING LINE (LF)	646.1020 MARKING LINE (LF)	646.1040 MARKING LINE (LF)	646.1040 MARKING LINE (LF)	646.1040 MARKING LINE (LF)	646.1555 MARKING LINE (LF)	646.3545 MARKING LINE (LF)	646.3555 MARKING LINE (LF)	646.6120 MARKING LINE (LF)	REMARKS	
1308+00 (SB)	- 1761+75 (SB)	USH 51 SB, LT & RT EDGELINES	-	-	45,295	45,295	-	-	-	-	-	EDGELINES LT & RT	
1308+00 (SB)	- 1761+75 (SB)	USH 51 SB, LANE LINE	-	-	-	-	11,349	-	-	-	-	LANE LINE (SKIPS)	
1308+00 (SB)	- 1761+75 (SB)	USH 51 SB, RAMP CORES	-	-	-	-	-	7,230	-	-	-	AT RAMP GORES (CHEVRONS ONLY AT EXITS)	
128+82 SNR	- 146+62 SNR	EXIT RAMP, USH 51 SB TO CTH S	-	-	1,780	1,780	-	-	-	-	45	EDGELINES LT & RT	
116+14 NBR	- 139+86 NBR	ENTRANCE RAMP, CTH S TO USH 51 NB	-	-	2,371	2,371	-	-	1,710	-	-	EDGELINES LT & RT	
201+75 (AB)	- 204+50 (AB)	USH 51 NB EXIT RAMP TO CTH A	-	-	-	-	-	-	270	-	-	RAMP GORE	
1587+00	- 1594+80	CTH A ENTRANCE RAMP TO USH 51 NB	-	-	-	-	-	-	750	-	-	RAMP GORE	
300+00 DC	- 323+62 DC	ENTRANCE RAMP, 5TH 86 TO USH 51 SB	-	-	2,362	2,362	-	-	-	-	-	EDGELINES LT & RT	
400+00 DD	- 415+78 DD	EXIT RAMP, USH 51 SB TO 5TH 86	-	-	1,558	1,558	-	-	-	-	24	EDGELINES LT & RT	
200+00 DB	- 215+61 DB	EXIT RAMP, USH 51 NB TO 5TH 86	-	-	1,561	1,561	-	-	500	-	24	EDGELINES LT & RT	
99+73 DA	- 123+67 DA	ENTRANCE RAMP, 5TH 86 TO USH 51 NB	-	-	2,395	2,395	-	-	1,050	-	-	EDGELINES LT & RT	
300+00 AC	- 314+08 AC	ENTRANCE RAMP, CTH A TO USH 51 SB	-	-	-	-	-	-	-	-	-	EDGELINES LT & RT	
416+40 AD	- 420+54 AD	EXIT RAMP, USH 51 SB TO CTH A	-	-	-	-	-	-	-	-	-	EDGELINES LT & RT	
1308+00 (NB)	- 1762+50 (NB)	USH 51 NB, LT EDGELINE	-	-	45,450	-	-	-	-	-	-	END OF BI-DIRECTIONAL TRAFFIC	
1308+00 (NB)	- 1762+50 (NB)	USH 51 NB, RT EDGELINE	-	-	-	-	45,450	-	-	-	-	END OF BI-DIRECTIONAL TRAFFIC	
1308+00 (NB)	- 1762+50 (NB)	USH 51 NB, LANE LINE	-	-	-	-	-	11,324	-	-	-	(SKIPS)	
16+12 (SE)	- 17+27 (SE)	TURN LANE ONTO USH 51	-	-	-	790	-	115	-	1	-	CTH S	
20+10 (SW)	- 21+25 (SW)	TURN LANE ONTO USH 51	-	-	-	810	-	115	-	1	-	CTH S	
94+43 (86)	- 104+30 (86)	CENTERLINE	1,370	-	-	-	-	-	-	-	-	5TH 86	
94+43 (86)	- 104+30 (86)	EDGE LINE, LT & RT	-	1,370	-	-	-	-	-	-	-	5TH 86	
SUBTOTAL			1,370	1,370	102,772	106,225	22,673	230	11,510	2	2	93	487
TOTALS			-	2,740	208,997	208,997	22,673	230	11,510	2	2	93	487

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CONSTRUCTION STAKING

STATION	STATION	LOCATION	650.4500		650.5000		650.5500		650.6000		650.8000		650.9910	
			CONSTRUCTION SUBGRADE	CONSTRUCTION BASE	CONSTRUCTION CURB AND GUTTER	CONSTRUCTION PIPE CULVERTS	CONSTRUCTION STAKING REFERENCE	CONSTRUCTION CONTROL (PROJECT)	CONSTRUCTION SUPPLEMENTAL STAKING	CONSTRUCTION SLOPE STAKES				
1308+80 (SB)	- 1761+75 (SB)	USH 51 SB	-	-	-	-	-	-	-	44447	1	-	-	
1516+50 (SB)	- 1751+90 (SB)	USH 51 SB	-	22752	-	-	-	-	-	-	-	-	-	
1377+45 (SB)	- 1378+50 (SB)	CULVERT	105	105	-	1	-	-	-	-	-	-	210	
1600+55 (SB)	- 1601+65 (SB)	CULVERT	105	-	-	1	-	-	-	-	-	-	210	
1640+50 (SB)	- 1648+55 (SB)	CULVERT	105	-	-	1	-	-	-	-	-	-	210	
1672+60 (SB)	- 1673+65 (SB)	CULVERT	105	-	-	1	-	-	-	-	-	-	210	
13+90 (SW)	- 23+77 (SW)	CTH S, WB	-	-	-	-	-	-	-	987	-	-	-	
13+86 (SE)	- 23+86 (SE)	CTH S, EB	-	-	-	-	-	-	-	1000	-	-	-	
94+43 (86)	- 104+30 (86)	STH 86	-	-	-	-	-	-	-	685	-	-	-	
128+82 SNR	- 146+62 SNR	EXIT RAMP, USH 51 SB TO CTH S	-	-	-	-	-	-	-	1780	-	-	-	
116+14 NBR	- 139+86 NBR	ENTRANCE RAMP, CTH S TO USH 51 NB	-	-	-	-	-	-	-	2372	-	-	-	
300+00 DC	- 323+62 DC	ENTRANCE RAMP, STH 86 TO USH 51 SB	-	-	-	-	-	-	-	2362	-	-	-	
400+00 DD	- 415+78 DD	EXIT RAMP, USH 51 SB TO STH 86	-	-	-	-	-	-	-	1578	-	-	-	
200+00 DB	- 215+61 DB	EXIT RAMP, USH 51 NB TO STH 86	-	-	-	-	-	-	-	1561	-	-	-	
99+73 DA	- 123+67 DA	ENTRANCE RAMP, STH 86 TO USH 51 NB	-	-	-	-	-	-	-	2394	-	-	-	
300+00 AC	- 314+08 AC	ENTRANCE RAMP, CTH A TO USH 51 SB	-	-	-	-	-	-	-	1400	-	-	-	
416+40 AD	- 420+54 AD	EXIT RAMP, USH 51 SB TO CTH A	-	-	-	-	-	-	-	414	-	-	-	
323+06 LT (DC)	- 323+55 LT (DC)	ENTRANCE RAMP, STH 86 TO USH 51 SB	-	-	-	65	-	-	-	-	-	-	-	
323+04 RT (DC)	- 323+38 RT (DC)	ENTRANCE RAMP, STH 86 TO USH 51 SB	-	-	-	40	-	-	-	-	-	-	-	
400+27 LT (DD)	- 400+79 LT (DD)	EXIT RAMP, USH 51 SB TO STH 86	-	-	-	75	-	-	-	-	-	-	-	
400+26 RT (DD)	- 400+70 RT (DD)	EXIT RAMP, USH 51 SB TO STH 86	-	-	-	45	-	-	-	-	-	-	-	
215+15 LT (DB)	- 215+52 LT (DB)	EXIT RAMP, USH 51 NB TO STH 86	-	-	-	35	-	-	-	-	-	-	-	
215+02 RT (DB)	- 215+56 RT (DB)	EXIT RAMP, USH 51 NB TO STH 86	-	-	-	70	-	-	-	-	-	-	-	
99+94 LT (DA)	- 100+26 LT (DA)	ENTRANCE RAMP, STH 86 TO USH 51 NB	-	-	-	40	-	-	-	-	-	-	-	
99+67 RT (DA)	- 100+37 RT (DA)	ENTRANCE RAMP, STH 86 TO USH 51 NB	-	-	-	92	-	-	-	-	-	-	-	
PROJECT LIMITS			420	22857	482	4	60980	1	840					

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STATION	STATION	REMOVING PAVEMENT MAINLINE (SY)	THICKNESS AT CENTERLINE (INCH)	THICKNESS AT 15 FEET OFF CENTERLINE (INCH)	305.0125 BASE AGGREGATE DENSE 1 1/4 - INCH (CY)	305.0120 BASE AGGREGATE DENSE 1 1/4 - INCH (TON)	305.0500 SHAPING SHOULDERS (STA)	REMARKS
1341+00	- 1343+00	-	-	-	-	29	2	USH 51 SB WEST SIDE JOINT REPAIR
1516+50	- 1526+66	3387	12.6	9	931	83	-	-
1526+66	- 1534+54	-	-	-	-	-	#	BRIDGE GAP
1534+54	- 1540+50	1987	12.6	9	546	49	-	-
1540+50	- 1541+50	333	12.6	9	92	8	-	-
1541+50	- 1571+54	10013	12.6	9	2754	245	-	-
1571+54	- 1577+54	2000	12.6	9	550	0	#	-
1577+54	- 1582+70	1720	12.6	9	473	42	-	-
1582+70	- 1586+30	1200	12.6	9	330	29	-	-
1586+30	- 1590+17.17	1291	12.6	9	355	32	-	-
1589+54.10	- 1604+58	5013	12.6	9	1379	123	-	-
1604+58	- 1605+68	-	-	-	-	-	#	NO EXISTING CONCRETE PAVEMENT
1605+68	- 1674+43.96	22920	12.6	9	6303	562	-	-
1675+39.8	- 1678+52	1041	12.6	9	286	25	-	-
1678+52	- 1684+52	2000	9.1 - 12.6	5.5 - 9	550	0	#	-
1684+52	- 1713+04.87	9510	12.6	9	2615	233	-	-
1713+54.79	- 1751+90	12784	12.6	9	3516	313	-	-
1751+90	- 1757+88.54	-	-	-	-	-	#	-
1757+91.22	- 1761+75	-	-	-	-	-	#	-
1516+50	- 1761+75	-	-	-	-	-	432	-
TOTALS:		75198 (*)	[1]		20679	1774 (*)	434	

NOTES:  
 (\*) ADDITIONAL QUANTITIES OF THIS ITEM SHOWN ELSEWHERE IN CONTRACT  
 # NO SHAPING SHOULDERS NEEDED  
 [1] SHOWING THICKNESS FOR CROWN CORRECTION



Proposal Schedule of Items

Proposal ID: 20200310022 Project(s): 1176-02-69, 1176-02-79

Federal ID(s): WISC 2020079, WISC 2020080

SECTION: 0001 Structure Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0002	203.0100 Removing Small Pipe Culverts	4.000 EACH	_____.	_____.
0006	204.0109.S Removing Concrete Surface Partial Depth	2,740.000 SF	_____.	_____.
0008	204.0115 Removing Asphaltic Surface Butt Joints	639.000 SY	_____.	_____.
0010	204.0120 Removing Asphaltic Surface Milling	214,655.000 SY	_____.	_____.
0012	204.0150 Removing Curb & Gutter	530.000 LF	_____.	_____.
0014	204.0180 Removing Delineators and Markers	280.000 EACH	_____.	_____.
0016	204.0270 Abandoning Culvert Pipes	1.000 EACH	_____.	_____.
0018	204.9060.S Removing (item description) 01. EXISTING TUBULAR MARKER POST AND BASE	64.000 EACH	_____.	_____.
0020	205.0100 Excavation Common	3,662.000 CY	_____.	_____.
0022	209.0200.S Backfill Controlled Low Strength	36.000 CY	_____.	_____.
0024	209.1100 Backfill Granular Grade 1	300.000 CY	_____.	_____.
0026	211.0100 Prepare Foundation for Asphaltic Paving (project) 01. 1176-02-79	LS	LUMP SUM	_____.
0030	213.0100 Finishing Roadway (project) 01. 1176-02-79	1.000 EACH	_____.	_____.
0032	305.0110 Base Aggregate Dense 3/4-Inch	2,800.000 TON	_____.	_____.
0034	305.0120 Base Aggregate Dense 1 1/4-Inch	3,824.000 TON	_____.	_____.



## Proposal Schedule of Items

Proposal ID: 20200310022 Project(s): 1176-02-69, 1176-02-79

Federal ID(s): WISC 2020079, WISC 2020080

SECTION: 0001 Structure Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0036	416.0610 Drilled Tie Bars	28.000 EACH	_____.	_____.
0038	416.0620 Drilled Dowel Bars	84.000 EACH	_____.	_____.
0040	416.1725 Concrete Pavement Replacement SHES	238.300 SY	_____.	_____.
0042	450.4000 HMA Cold Weather Paving	30,650.000 TON	_____.	_____.
0044	455.0605 Tack Coat	24,000.000 GAL	_____.	_____.
0046	460.0105.S HMA Percent Within Limits (PWL) Test Strip Volumetrics	2.000 EACH	_____.	_____.
0048	460.0110.S HMA Percent Within Limits (PWL) Test Strip Density	3.000 EACH	_____.	_____.
0050	460.2005 Incentive Density PWL HMA Pavement	42,404.000 DOL	1.00000	42,404.00
0052	460.2010 Incentive Air Voids HMA Pavement	61,300.000 DOL	1.00000	61,300.00
0054	460.6223 HMA Pavement 3 MT 58-28 S	37,500.000 TON	_____.	_____.
0056	460.6444 HMA Pavement 4 MT 58-34 H	22,500.000 TON	_____.	_____.
0058	465.0105 Asphaltic Surface	100.000 TON	_____.	_____.
0060	465.0125 Asphaltic Surface Temporary	312.000 TON	_____.	_____.
0062	465.0400 Asphaltic Shoulder Rumble Strips	80,060.000 LF	_____.	_____.
0064	502.3101 Expansion Device (structure) 01. B-35-0063	86.000 LF	_____.	_____.
0066	502.3200 Protective Surface Treatment	3,312.000 SY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20200310022 Project(s): 1176-02-69, 1176-02-79

Federal ID(s): WISC 2020079, WISC 2020080

SECTION: 0001 Structure Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0068	502.3210 Pigmented Surface Sealer	623.000 SY	_____.	_____.
0070	505.0600 Bar Steel Reinforcement HS Coated Structures	3,020.000 LB	_____.	_____.
0072	509.0200 Preparation Approaches	21.000 SY	_____.	_____.
0074	509.0301 Preparation Decks Type 1	225.000 SY	_____.	_____.
0076	509.0302 Preparation Decks Type 2	165.000 SY	_____.	_____.
0078	509.0500 Cleaning Decks	3,275.000 SY	_____.	_____.
0080	509.0600 Cleaning Approaches	210.000 SY	_____.	_____.
0082	509.1000 Joint Repair	38.000 SY	_____.	_____.
0084	509.1500 Concrete Surface Repair	25.000 SF	_____.	_____.
0086	509.2000 Full-Depth Deck Repair	2.000 SY	_____.	_____.
0088	509.2500 Concrete Masonry Overlay Decks	221.000 CY	_____.	_____.
0090	509.2600 Concrete Masonry Overlay Approaches	18.000 CY	_____.	_____.
0092	522.0130 Culvert Pipe Reinforced Concrete Class III 30-Inch	392.000 LF	_____.	_____.
0094	522.1030 Apron Endwalls for Culvert Pipe Reinforced Concrete 30-Inch	5.000 EACH	_____.	_____.
0096	601.0557 Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D	530.000 LF	_____.	_____.





## Proposal Schedule of Items

Proposal ID: 20200310022 Project(s): 1176-02-69, 1176-02-79

Federal ID(s): WISC 2020079, WISC 2020080

SECTION: 0001

Structure Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0098	603.8000 Concrete Barrier Temporary Precast Delivered	425.000 LF	_____.	_____.
0100	603.8125 Concrete Barrier Temporary Precast Installed	425.000 LF	_____.	_____.
0102	611.8115 Adjusting Inlet Covers	6.000 EACH	_____.	_____.
0104	614.0905 Crash Cushions Temporary	1.000 EACH	_____.	_____.
0106	618.0100 Maintenance And Repair of Haul Roads (project) 01. 1176-02-79	1.000 EACH	_____.	_____.
0108	619.1000 Mobilization	1.000 EACH	_____.	_____.
0110	624.0100 Water	200.000 MGAL	_____.	_____.
0112	625.0100 Topsoil	1,508.000 SY	_____.	_____.
0114	628.1504 Silt Fence	1,350.000 LF	_____.	_____.
0116	628.1520 Silt Fence Maintenance	1,350.000 LF	_____.	_____.
0118	628.1905 Mobilizations Erosion Control	6.000 EACH	_____.	_____.
0120	628.1910 Mobilizations Emergency Erosion Control	5.000 EACH	_____.	_____.
0122	628.2008 Erosion Mat Urban Class I Type B	1,508.000 SY	_____.	_____.
0124	628.7005 Inlet Protection Type A	3.000 EACH	_____.	_____.
0126	628.7015 Inlet Protection Type C	6.000 EACH	_____.	_____.
0128	629.0210 Fertilizer Type B	11.000 CWT	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20200310022 Project(s): 1176-02-69, 1176-02-79

Federal ID(s): WISC 2020079, WISC 2020080

SECTION: 0001 Structure Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0130	630.0130 Seeding Mixture No. 30	269.000 LB	_____.	_____.
0132	630.0500 Seed Water	398.000 MGAL	_____.	_____.
0134	633.0100 Delineator Posts Steel	280.000 EACH	_____.	_____.
0136	633.0500 Delineator Reflectors	450.000 EACH	_____.	_____.
0138	633.1100 Delineators Temporary	316.000 EACH	_____.	_____.
0140	633.5200 Markers Culvert End	8.000 EACH	_____.	_____.
0142	642.5201 Field Office Type C	1.000 EACH	_____.	_____.
0144	643.0300 Traffic Control Drums	53,220.000 DAY	_____.	_____.
0146	643.0420 Traffic Control Barricades Type III	11,316.000 DAY	_____.	_____.
0148	643.0500 Traffic Control Flexible Tubular Marker Posts	3,100.000 EACH	_____.	_____.
0150	643.0600 Traffic Control Flexible Tubular Marker Bases	2,656.000 EACH	_____.	_____.
0152	643.0705 Traffic Control Warning Lights Type A	19,600.000 DAY	_____.	_____.
0154	643.0715 Traffic Control Warning Lights Type C	18,546.000 DAY	_____.	_____.
0156	643.0800 Traffic Control Arrow Boards	710.000 DAY	_____.	_____.
0158	643.0900 Traffic Control Signs	26,275.000 DAY	_____.	_____.
0160	643.0920 Traffic Control Covering Signs Type II	7.000 EACH	_____.	_____.



## Proposal Schedule of Items

Proposal ID: 20200310022 Project(s): 1176-02-69, 1176-02-79

Federal ID(s): WISC 2020079, WISC 2020080

SECTION: 0001 Structure Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0162	643.1050 Traffic Control Signs PCMS	14.000 DAY	_____.	_____.
0164	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0166	646.1020 Marking Line Epoxy 4-Inch	2,740.000 LF	_____.	_____.
0168	646.1040 Marking Line Grooved Wet Ref Epoxy 4-Inch	208,997.000 LF	_____.	_____.
0170	646.1555 Marking Line Grooved Contrast Permanent Tape 4-Inch	22,673.000 LF	_____.	_____.
0172	646.3555 Marking Line Grooved Contrast Permanent Tape 8-Inch	11,510.000 LF	_____.	_____.
0174	646.5020 Marking Arrow Epoxy	2.000 EACH	_____.	_____.
0176	646.5120 Marking Word Epoxy	2.000 EACH	_____.	_____.
0178	646.6120 Marking Stop Line Epoxy 18-Inch	93.000 LF	_____.	_____.
0180	646.7220 Marking Chevron Epoxy 24-Inch	487.000 LF	_____.	_____.
0182	646.9000 Marking Removal Line 4-Inch	6,640.000 LF	_____.	_____.
0184	646.9010 Marking Removal Line Water Blasting 4-Inch	89,060.000 LF	_____.	_____.
0186	649.0105 Temporary Marking Line Paint 4-Inch	186,000.000 LF	_____.	_____.
0188	649.0150 Temporary Marking Line Removable Tape 4-Inch	3,150.000 LF	_____.	_____.
0190	649.0760 Temporary Marking Raised Pavement Marker Type I	58.000 EACH	_____.	_____.



## Proposal Schedule of Items

Proposal ID: 20200310022 Project(s): 1176-02-69, 1176-02-79

Federal ID(s): WISC 2020079, WISC 2020080

SECTION: 0001 Structure Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0192	650.4500 Construction Staking Subgrade	420.000 LF	_____.	_____.
0196	650.5500 Construction Staking Curb Gutter and Curb & Gutter	482.000 LF	_____.	_____.
0198	650.6000 Construction Staking Pipe Culverts	4.000 EACH	_____.	_____.
0200	650.8000 Construction Staking Resurfacing Reference	60,980.000 LF	_____.	_____.
0202	650.9910 Construction Staking Supplemental Control (project) 01. 1176-09-79	LS	LUMP SUM	_____.
0204	650.9920 Construction Staking Slope Stakes	840.000 LF	_____.	_____.
0206	690.0150 Sawing Asphalt	450.000 LF	_____.	_____.
0208	690.0250 Sawing Concrete	608.000 LF	_____.	_____.
0210	715.0415 Incentive Strength Concrete Pavement	500.000 DOL	1.00000	500.00
0212	740.0440 Incentive IRI Ride	16,840.000 DOL	1.00000	16,840.00
0214	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	2,500.000 HRS	5.00000	12,500.00
0216	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	2,880.000 HRS	5.00000	14,400.00
0218	SPV.0060 Special 01. Cleaning and painting bearings	12.000 EACH	_____.	_____.
0220	SPV.0090 Special 01. Salvaged Existing Concrete Barrier Precast	804.000 LF	_____.	_____.
0222	204.9180.S Removing (item description) 01. Pavement Joint Repairs	60.000 SY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20200310022 Project(s): 1176-02-69, 1176-02-79

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SECTION: 0001 Structure Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0224	204.9180.S Removing (item description) 02. Pavement Mainline	75,198.000 SY	_____.	_____.
0226	211.0400 Prepare Foundation for Asphaltic Shoulders	866.000 STA	_____.	_____.
0228	305.0500 Shaping Shoulders	434.000 STA	_____.	_____.
0230	305.0125 Base Aggregate Dense 1 1/4-Inch	20,679.000 CY	_____.	_____.
0232	646.3545 Marking Line Grooved Wet Ref Contrast Epoxy 8-Inch	230.000 LF	_____.	_____.
0234	649.0250 Temporary Marking Line Removable Tape 8-Inch	1,600.000 LF	_____.	_____.
0236	650.5000 Construction Staking Base	22,857.000 LF	_____.	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.

