

A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: March 15, 2016
Date of Addendum: March 9, 2016

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
173	96-0525-041	HMA RESURFACING	WINNESHIEK	NHSN-018-9(110)--2R-22 NHSN-052-5(41)--2R-96	15MAR173.A02

Make the following changes to the PROPOSAL SCHEDULE OF PRICES:

Change Proposal Line No. 0140 2102-0425071 SPECIAL BACKFILL:

From: 635.900 CY

To: 651.600 CY

Change Proposal Line No. 0230 2212-5070310 PATCHES, FULL-DEPTH REPAIR:

From: 725.600 SY

To: 1,242.300 SY

Change Proposal Line No. 0240 2212-5070330 PATCHES BY COUNT (REPAIR):

From: 54.000 EACH

To: 61.000 EACH

Change Proposal Line No. 0380 2401-6745356 REMOVAL OF CONCRETE FOOTINGS OF LIGHT POLES:

From: 12.000 EACH

To: 11.000 EACH

Change Proposal Line No. 0470 2435-0251100 INTAKE, SW-511:

From: 1.000 EACH

To: 2.000 EACH

Change Proposal Line No. 0510:

From: 2503-0110012 STORM SEWER GRAVITY MAIN, TRENCH, 12 IN.:

To: 2503-0114212 STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 12 IN.:

Units and quantities remain the same

Change Proposal Line No. 0520:

From: 2503-0110018 STORM SEWER GRAVITY MAIN, TRENCH, 18 IN.:

To: 2503-0114218 STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 18 IN.:

From: 18.000 LF

To: 31.000 LF

Change Proposal Line No. 0530:

From: 2503-0110024 STORM SEWER GRAVITY MAIN, TRENCH, 24 IN.:

To: 2503-0114224 STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED
CONCRETE PIPE (RCP), 2000D (CLASS III), 24 IN.:

Units and quantities remain the same

Change Proposal Line No. 0560 2511-6745900 REMOVAL OF SIDEWALK:

From: 4,383.900 SY

To: 4,450.400 SY

Change Proposal Line No. 0570 2511-7526004 SIDEWALK, P.C. CONCRETE, 4 IN.:

From: 3,224.200 SY

To: 3,252.400 SY

Change Proposal Line No. 0580 2511-7526006 SIDEWALK, P.C. CONCRETE, 6 IN.:

From: 1,333.100 SY

To: 1,334.100 SY

Change Proposal Line No. 0650 2523-0000200 ELECTRICAL CIRCUITS:

From: 1,062.000 LF

To: 1,415.000 LF

Change Proposal Line No. 0810 2554-0204110 WATER SERVICE STUB, COPPER, 1 IN.:

From: 11.000 EACH

To: 16.000 EACH

Change Proposal Line No. 0820 2554-0210201 FIRE HYDRANT ASSEMBLY, WM-201:

From: 1.000 EACH

To: 8.000 EACH

Add Proposal Line No. 0825 2554-0212030 VALVE BOX REPLACEMENT: 5.000 EACH

Add Proposal Line No. 0845 2599--9999005 ('EACH' ITEM) ABANDON WATER LINE:
2.000 EACH

Change Proposal Line No. 0850 2599-9999005 ('EACH' ITEM) REMOVE AND REINSTALL
CORPORATION STOP:

From: 11.000 EACH

To: 6.000 EACH

Delete Proposal Line No. 0860 2599-9999005 ('EACH' ITEM) REMOVE AND REINSTALL
FIRE HYDRANT ASSEMBLY: 2.000 EACH

Add Proposal Line No. 0875 2599-9999010 ('LUMP SUM' ITEM) VIBRATION
MONITORING: 1.000 LS

Change Proposal Line No. 0880 2599-9999018 ('SQUARE YARDS' ITEM) SIDEWALK P.C.
CONCRETE, 12 IN.:

From: 643.700 SY

To: 689.600 SY

If the above changes are not made, they will be made as shown here.

B Sheet Addendum-

B.4-

- Revised WHKS-8 and WHKS-9 Details to show 12" Sidewalk construction to face of building

B.6-

- Added Retaining Wall Typical detail

D Sheet Addendum-

D.2-

- Removed plan notes pertaining to utilities
- Added note "For Utility Details Refer to M Sheets"

D.3-

- Removed plan notes pertaining to utilities
- Added note "For Utility Details Refer to M Sheets"

D.4-

- Removed plan notes pertaining to utilities
- Added note "For Utility Details Refer to M Sheets"

D.5-

- Removed plan notes pertaining to utilities
- Added note "For Utility Details Refer to M Sheets"

J Sheet Addendum-

J.1-

- Added "Staging Note" for guidance on sidewalk staging

M Sheet Addendum-

M.1-

- Removed Manhole No. I-108 (SW-401 48 in.)
- Added Intake No. I-108 (SW-511)
- Changed quantity for 18" Storm Sewer 2000D (Class III) pipe

M.3-

- Added proposed Fire hydrant

M.4-

- Added proposed Fire hydrant on IA 150
- Added proposed Fire hydrant on US 52E

- M.5-
- Removed Water Service line for Fire Hydrant
 - Removed SW-401 (48 In.) Manhole

- M.6-
- Added proposed SW-511 Intake
 - Added proposed storm sewer pipe

- M.8-
- Moved proposed Fire hydrant
 - Revised existing note

- M.9-
- Added proposed Fire hydrant & note
 - Revised existing notes
 - Moved service line to north
 - Added Fire Hydrant & note

- M.10-
- Revised existing notes
 - Added Valve Box replacement & note

- M.11-
- Removed service line & note
 - Added Valve Box replacement & note
 - Added Fire Hydrant & note

- M.12-
- Revised existing notes
 - Added abandon water line & note
 - Added Valve Box replacement & note
 - Added Valve Box replacement & note
 - Added Valve Box replacement & note

- M.13-
- Revised existing notes
 - Added Fire Hydrant & note
 - Added abandon water line & note

- M.14-
- Revised existing notes
 - Added service line & note

- M.15-
- Revised existing notes

- M.16-
- Revised existing notes
 - Added Fire Hydrant & note

- M.17-
- Revised existing notes

P Sheet Addendum-

P.1-

- Added conduit along Main St. to serve two removed and reinstalled light poles

P.2-

- Changed note to "Remove and Reinstall"

S Sheet Addendum-

S Sheets-

- Removed all Sta., Offset, and Elevation bubbles on mid-block sidewalk

S.21-

- Adjusted "Tabulation of ADA Quantities"

S.25-

- Adjusted "Tabulation of ADA Quantities"

S.26-

- Adjusted "Tabulation of ADA Quantities"
- Added 4" PCC Sidewalk adjacent to west side of building.

S.27-

- Adjusted "Tabulation of ADA Quantities"
- Added 4" PCC Sidewalk adjacent to west side of building.

S.31-

- Adjusted "Tabulation of ADA Quantities"
- Added 12" PCC Sidewalk adjacent to east side of building.

S.32-

- Adjusted "Tabulation of ADA Quantities"
- Added 12" PCC Sidewalk adjacent to west side of building.

S.33-

- Adjusted "Tabulation of ADA Quantities"
- Added 12" PCC Sidewalk adjacent to west side of building.
- Added 12" PCC Sidewalk adjacent to east side of building.

S.33-

- Adjusted "Tabulation of ADA Quantities"
- Added 6" PCC Sidewalk where concrete steps are.

S.68-

- Adjusted "Tabulation of ADA Quantities"

S.72-

- Adjusted “Tabulation of ADA Quantities”
- Added 12” PCC Sidewalk where concrete steps are.

S.73-

- Adjusted “Tabulation of ADA Quantities”
- Added 12” PCC Sidewalk where concrete steps are.

S.76-

- Adjusted “Tabulation of ADA Quantities”
- Added 4” PCC Sidewalk where wooden ramp currently sits. Ramp to be removed by others.

S.77-

- Adjusted “Tabulation of ADA Quantities”
- Added 4” PCC Sidewalk where wooden ramp currently sits. Ramp to be removed by others.

U Sheet Addendum-

U.1 –

- Revised “Relocate Fire Hydrant 3’ East” to “Remove and Replace Fire Hydrant 3’ East”

U.5 –

- Removed “Protect Existing Water Valve in Sidewalk” note from east side of the road
- Added note “Remove Concrete Steps Paid for by Removal of Existing Structures”
- Revised sidewalk removal limits on east side of road
- Removed Sidewalk Removal Limits notes
- Added note “Protect Existing Water Valve in Sidewalk” to west side of road
- Revised “Relocate Fire Hydrant in sidewalk” to “Remove and Replace Fire Hydrant south of sidewalk ramp”

U.6-

- Revised sidewalk removal limits on west side and east of road
- Removed Sidewalk Removal Limits notes
- Revised note “Do Not Remove Steps, Remove Sidewalk around Steps” to “Steps to be removed by others”

U.7-

- Revised note “Relocate Light Pole 2’ South” to “Light Pole to be Removed by Others”
- Removed note for removal of existing manhole
- Revised “Relocate Fire Hydrant and water valve 2’ east outside of pedestrian ramp” to “Remove and Replace Fire Hydrant and water valve 2’ east outside of pedestrian ramp”

U.12-

- Added note to “Remove intake and Replace with SW-511”

U.16-

- Revised note “Do Not Remove Steps, Remove Sidewalk around Steps” to “Steps to be Removed by Others”

U.17-

- Added note “Wooden ramp to be removed by others”
- Revised sidewalk removal limits in southeast corner of parking south of Main St.

Change the following division quantities and quantity total to the Bid Item in Tabulation 100-1C on Sheet C.1

		DIV. 1		DIV. 2		TOTAL	
2102-0425071	SPECIAL BACKFILL	CY	FROM: 635.9 TO: 651.6			FROM: 635.9 TO: 651.6	
2212-5070310	PATCHES, FULL-DEPTH REPAIR	SY	FROM: 342.6 TO: 856.5	FROM: 341.3 TO: 385.8		FROM: 725.6 TO: 1242.3	
2212-5070330	PATCHES BY COUNT (REPAIR)	EACH		FROM: 25 TO: 32		FROM: 54 TO: 61	
2401-6745356	REMOVAL OF CONCRETE FOOTINGS OF LIGHT POLES	EACH		FROM: 12 TO: 11		FROM: 12 TO: 11	
2435-0251100	INTAKE, SW-511	EACH		FROM: 1 TO: 2		FROM: 1 TO: 2	
2503-0114218	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 18 IN.	LF		FROM: 18 TO: 31		FROM: 18 TO: 31	
2511-6745900	REMOVAL OF SIDEWALK	SY	FROM: 4039.8 TO: 4095.7	FROM: 344.1 TO: 354.7		FROM: 4383.9 TO: 4450.4	
2511-7526004	SIDEWALK, P.C. CONCRETE, 4 IN.	SY	FROM: 2977.6 TO: 2995.2	FROM: 246.6 TO: 257.2		FROM: 3224.2 TO: 3252.4	
2511-7526006	SIDEWALK, P.C. CONCRETE, 6 IN.	SY	FROM: 1230.4 TO: 1231.4			FROM: 1333.1 TO: 1334.1	
2523-0000200	ELECTRICAL CIRCUITS	LF		FROM: 1062.0 TO: 1415.0		FROM: 1062.0 TO: 1415.0	
2554-0204110	WATER SERVICE STUB, COPPER, 1 IN.	EACH		FROM: 11 TO: 16		FROM: 11 TO: 16	
2554-0210201	FIRE HYDRANT ASSEMBLY, WM-201	EACH		FROM: 1 TO: 8		FROM: 1 TO: 8	
2599-9999005	REMOVE AND REINSTALL CORPORATION STOP	EACH		FROM: 11 TO: 6		FROM: 11 TO: 6	
2599-9999018	SIDEWALK, P.C. CONCRETE, 12 IN.	SY	FROM: 643.7 TO: 689.6			FROM: 643.7 TO: 689.6	

Remove the following Bid Item from Tabulation 100-1C on Sheet C.02 and Tabulation 100-4A on Sheet C.4

		DIV. 1		DIV. 2		TOTAL	
2599-9999005	REMOVE AND REINSTALL FIRE HYDRANT ASSEMBLY	EACH			2		2

Add the following Bid Item to Tabulation 100-1C on Sheet C.02 and Tabulation 100-4A on Sheet C.4

		DIV. 1		DIV. 2		TOTAL	
2554-0212030	VALVE BOX REPLACEMENT	EACH			5		5
2599-9999005	ABANDON WATER LINE	EACH			2		2
2599-9999010	VIBRATION MONITORING	LS	1.0				1.0

2102-0425071	SPECIAL BACKFILL Refer to typical sections WHKS-3, WHKS-8, WHKS-9, WHKS-10, WHKS-11, WHKS-12 and WHKS-13 on sheets B.2, B.4, and B.5 for more information. Item includes 428.9 CY of Special Backfill under Base Widening areas and 222.7 CY of Special Backfill for areas under Sidewalks.
2526-8285000	CONSTRUCTION SURVEY Refer to the G sheets for more information. This item includes the task of collection breaks in the grade and alignment of existing sidewalk and removed curb and gutter. The sidewalk line and grade should be collected along the edge of the side walk that is closest to the adjoining property. This information will be used to assure that the sidewalk is replaced along the same line and grade in areas outside of the pedestrian ramps. Grade and line information should also be collected along any curb & gutter at sideroad returns that will be removed to assure the curb and gutter is replaced close to the original line and grade and that positive drainage is maintained. When the side walk is a consistent dimension and slope from the back of the curb, line and grade on the side walk does not need to be collected but the distance and slopes should be noted for reference during the future replacement.
2554-0204110	WATER SERVICE STUB, COPPER, 1 IN. Refer to the M sheets for location and details. Contractor to field verify all water main locations, sizes, and conditions before beginning any water main work. Contractor to coordinate with the City of Calmar on condition of water service stubs prior to replacement.
2554-0210201	FIRE HYDRANT ASSEMBLY, WM-201 Refer to Sheet M.15 for location and details. Removal of existing Fire Hydrant shall be included in this item.
2599-9999005	REMOVE AND REINSTALL CORPORATION STOP Refer to M sheets for locations and details. The intent of the item is to remove existing Corporation Stops and reinstall them at the locations shown in the M sheets. Contractor to field verify all water main locations, sizes, and conditions before beginning any water main work. Contractor to coordinate with the City of Calmar on condition of water service stubs prior to replacement. METHOD OF MEASUREMENT: The Engineer will measure each Corporation Stop removed and reinstalled. BASIS OF PAYMENT: The Contractor will be paid the contract unit price for each Corporation Stop satisfactorily removed and reinstalled. The contract unit price bid shall be considered full compensation for all labor, equipment, and materials necessary to remove and relocate each existing Corporation Stop. This shall include, but not be limited to, excavation, removing the existing corporation stop, 1 in. copper service pipe, trenching and backfilling. All fittings and joints shall be considered incidental to corporation stop reinstallation.
2599-9999018	SIDEWALK, P.C. CONCRETE, 12 IN. Refer to tabulation 113-1 on sheet C.21 and the S sheets for more information. 12 in. sidewalk to be used to construct sidewalks according to typical WHKS-8 - WHKS-13 as shown on sheets B.4-B.5. Dowel Bars used to join Sidewalk slabs as shown in typical WHKS-8, WHKS-12, and WHKS-13, will be considered incidental to the price bid for Sidewalk, P.C. Concrete, 12 in. Dowels are to be 12" #5 epoxy coated bars that are rough in texture. Dowels are to be spaced 24" on center. Avoid placing sidewalk joints over top of dowels. METHOD OF MEASUREMENT: Square Yards as shown in the contract documents. Deductions will not be made for fixtures having an area of 1 square yard or less. BASIS OF PAYMENT: The Contractor will be paid the contract unit price per square yard of sidewalk constructed. The contract unit price bid shall be considered full compensation for furnishing all material, equipment, and labor to construct the sidewalk according to the contract documents.

Add the following Reference Notes to Tabulation 100-4A on Sheet C.4

2554-0212030	VALVE BOX REPLACEMENT Refer to the M sheets for location and details. Contractor to field verify all water main locations, sizes, and conditions before beginning any water main work. Contractor to coordinate with the City of Calmar on condition of water service stubs prior to replacement.
2599-9999005	ABANDON WATER LINE Refer to sheet M.12 and M.13 for location and details. METHOD OF MEASUREMENT: The Engineer will measure each Water Line Abandoned. BASIS OF PAYMENT: The Contractor will be paid the contract unit price for each Water Line satisfactorily Abandoned. The contract unit price bid shall be considered full compensation for all labor, equipment, and materials necessary to abandon each water line. This shall include, but not be limited to, excavation, removing the existing water line, capping the existing water line, trenching, compacting backfill, disinfecting, testing, and associated work. All fittings and joints shall be considered incidental to Water Line Abandonment.
2599-9999010	VIBRATION MONITORING Refer to the SPECIAL PROVISIONS FOR VIBRATION MONITORING TO PROTECT HISTORIC STRUCTURES for more information. METHOD OF MEASUREMENT: The item Vibration Monitoring will be measured as a lump sum unit of work. BASIS OF PAYMENT: Vibration Monitoring will be paid for at the contract lump sum price. This price shall be full payment for pre-construction surveys; furnishing, installing, monitoring, and removing crack monitoring gauges; preparing and providing a report documenting crack monitoring during this project; furnishing, installing, monitoring, and removing vibration monitoring equipment; preparing and providing a report documenting vibration data collected during this project; notification of vibration events; post-construction surveys; reports; and all labor, equipment and materials necessary to complete the work as described. There will be no compensation for delays as the result of exceeding the PPV threshold or delays from faulty or damaged monitoring equipment. There will be no compensation for adjustment of construction activities or equipment to reduce the vibration levels to less than the maximum PPV, should an exceedance occur.

Remove the following Reference Note from Tabulation 100-4A on Sheet C.4

2599-9999005	REMOVE AND REINSTALL FIRE HYDRANT ASSEMBLY
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Add the following Special Provisions to the Bid Proposal

SPECIAL PROVISIONS FOR VIBRATION MONITORING TO PROTECT HISTORIC STRUCTURES

Replace Tabulation 104-5A on Sheet C.12 with this Tabulation

104-5A 10-15-13						
INTAKES AND UTILITY ACCESSES						
* Bid Item ** For SW-545						
No.	Location Station	Type or Standard Road Plan*	Form Grade	Bottom Well	Extension Length**	Notes
			Elev.	Elev.	FT	
IA 150						
I-100	1862+90.08	SW-541	1248.2	1244.5		Contractor to field verify all dimensions prior to Construction.
I-101	1863+94.65	SW-541	Unknown	Unknown		Contractor to field verify all dimensions prior to Construction.
I-102	865+00.15	SW-501	1256.6	1251.7		Contractor to field verify all dimensions prior to Construction.
US 52 E.						
I-103	11+49.48	SW-501	1257.3	Unknown		Contractor to field verify all dimensions prior to Construction.
I-104	11+50.86	SW-511	1257.3	1254.8		Contractor to field verify all dimensions prior to Construction.
US 52 N.						
I-105	866+59.43	SW-501	1258.3	1253.7		Contractor to field verify all dimensions prior to Construction.
I-106	868+05.12	SW-501	1257.8	1255.4		Contractor to field verify all dimensions prior to Construction.
I-107	868+04.59	SW-501	1257.8	1253.1		Contractor to field verify all dimensions prior to Construction.
IA 24						
I-108	707+31.28	SW-511	1236.7	1235.4		Contractor to field verify all dimensions prior to Construction.
I-109	707+52.77	SW-511 (Top)	Unknown	Unknown		Contractor to field verify all dimensions prior to Construction.
I-110	709+44.89	SW-506	1236.4	1233.2		Contractor to field verify all dimensions prior to Construction.
I-111	712+75.88	SW-501 (Top)	Unknown	Unknown		Contractor to field verify all dimensions prior to Construction.

Replace Tabulation 108-1 on Sheet C.13 with this Tabulation

108-1 10-21-14						
LIGHTING INSTALLATIONS						
Location		LI-101			LI-201	Remarks
No.	Station	Type	A	E FT	Type	
IA 150						
1	864+98.76	2	-	-	A	Off. 28.14' RT
US 52 East						
2	11+16.49	2	-	-	A	Off. 82.15' RT
3	11+53.58	2	-	-	A	Off. 32.16' RT
4	11+54.80	2	-	-	A	Off. 27.45' LT
5	11+07.58	2	-	-	A	Off. 79.59' LT
US 52 North						
6	866+60.52	2	-	-	A	Off. 27.96' RT
7	867+59.79	2	-	-	A	Off. 26.80' LT
IA 24						
8	702+88.91	2	-	-	A	Off. 26.59' RT
9	715+96.40	2	-	-	A	Off. 26.91' RT
10	716+87.34	2	-	-	A	Off. 25.54' LT
11	717+71.28	2	-	-	A	Off. 27.19' RT
12	718+64.95	2	-	-	A	Off. 27.67' RT
12	TOTAL					

Replace Tabulation 108-2 on Sheet C.13 with this Tabulation

108-2 08-01-08				
ELECTRICAL DUCTS				
Location	Conduit Type	Dia. IN	Length FT	Remarks
A-1	PVC	2.0	139.0	See Sheet P.1
A-2	PVC	2.0	153.0	See Sheet P.1
A-3	PVC	2.0	79.0	See Sheet P.1
A-4	PVC	2.0	100.0	See Sheet P.1
A-5	PVC	2.0	60.0	See Sheet P.1
A-6	PVC	2.0	87.0	See Sheet P.1
A-7	PVC	2.0	89.0	See Sheet P.1
A-8	PVC	2.0	29.0	See Sheet P.1
A-9	PVC	2.0	178.0	See Sheet P.1
A-10	PVC	2.0	54.0	See Sheet P.1
A-11	PVC	2.0	94.0	See Sheet P.1
A-12	PVC	2.0	178.0	See Sheet P.1
A-13	PVC	2.0	175.0	See Sheet P.1
		TOTAL	1415.0	

Replace Tabulation 110-5 on Sheet C.19 with this Tabulation

110-5 10-20-15					
SIDEWALK REMOVAL					
* Not a bid item					
Begin Station	End Station	Area	Saw Cut*		Remarks
			SY	LF	
DIV. 1 - IOWA DOT					
IA 150					
848+41.99	850+85.44	108.4	4.5		
851+36.70	1855+70.59	219.0	7.4		
1856+25.02	1858+87.47	129.6	7.1		
1856+11.13	1859+99.22	164.3	4.8		
1859+48.88	1862+19.54	160.0	9.1		
1859+49.61	1862+19.69	156.3	8.0		
1862+79.78	865+54.48	250.9	3.6		
1862+80.40	865+14.94	168.1			
US 52 North					
866+02.91	867+32.53	137.8			
866+47.79	867+31.02	80.0			
867+53.30	868+11.34	58.3			
867+52.64	868+05.81	53.9	13.3		
869+16.09	872+08.42	156.6	228.8		
869+40.52	870+62.28	172.4	121.8		
870+91.54	872+20.97	59.7			
872+57.66	875+41.08	135.8	147.0		
872+66.31	875+42.74	114.8	4.1		
875+84.31	875+84.31	12.9	4.5		
875+86.03	875+86.03	11.2			
IA 24					
700+94.34	702+17.52	67.5	3.8		
702+15.54	702+16.70	8.0	3.2		
702+75.15	703+65.49	85.0	7.8		
704+77.59	705+49.13	39.1	7.3		
702+74.68	705+47.66	148.4	7.4		
706+00.43	706+10.08	6.9	4.1		
706+08.66	706+09.88	5.7	3.1		
706+75.30	706+73.37	30.2	4.6		
709+07.10	709+07.10	13.2	3.8		
708+49.10	712+06.01	140.0	53.6		
712+06.60	712+16.49	12.3	3.5		
712+68.63	712+73.65	8.7	7.0		
712+66.92	715+46.91	187.2	4.1		
715+26.62	715+38.02	13.2	19.7		
715+90.10	718+57.77	248.2			
715+97.75	718+53.33	276.0	18.4		
US 52 East					
11+63.99	13+08.27	173.4			
11+63.13	16+40.53	230.5	30.5		
16+94.90	17+88.49	52.2	8.3		
DIV. 1 - TOTAL					
		4095.7	1008.1		
DIV. 2 - CITY OF CALMAR					
US 52 East					
10+27.76	11+63.99	175.5	99.2		
10+25.32	11+63.13	179.2	123.0		
DIV. 2 - TOTAL					
		354.7	222.2		

Replace Tabulation 110-15 on Sheet C.20 with this Tabulation

110-15 04-16-13				
REMOVAL OF INTAKES AND UTILITY ACCESSES				
No.	Location/Description	Type	Remarks	
IA 150				
I-100	Sta. 1862+90.08 Remove Existing Intake (Open Throat)	Intakes	Contractor to field verify all structures before removal.	
I-101	Sta. 1863+94.65 Remove Existing Intake (Open Throat)	Intakes	Contractor to field verify all structures before removal.	
I-102	Sta. 865+00.15 Remove Existing Intake (Grate Intake)	Intakes	Contractor to field verify all structures before removal.	
US 52 East				
I-103	Sta. 11+49.48 Remove Existing Intake (Grate Intake)	Intakes	Contractor to field verify all structures before removal.	
I-104	Sta. 11+50.86 Remove Existing Intake (Area Drain)	Intakes	Contractor to field verify all structures before removal.	
US 52 North				
I-105	Sta. 866+59.43 Remove Existing Intake (Grate Intake)	Intakes	Contractor to field verify all structures before removal.	
I-106	Sta. 868+05.12 Remove Existing Intake (Grate Intake)	Intakes	Contractor to field verify all structures before removal.	
I-107	Sta. 868+04.59 Remove Existing Intake (Open Throat)	Intakes	Contractor to field verify all structures before removal.	
IA 24				
I-108	Sta. 707+31.28 Remove Existing Intake (Area Drain)	Intakes	Contractor to field verify all structures before removal.	
I-109	Sta. 707+52.77 Remove Existing Intake Top (Grate Intake)	Intakes	Contractor to field verify all structures before removal.	
I-110	Sta. 709+44.89 Remove Existing Intake (Dbl. Grate Int.)	Intakes	Contractor to field verify all structures before removal.	
I-111	Sta. 712+75.88 Remove Existing Intake Top (Grate Intake)	Intakes	Contractor to field verify all structures before removal.	
12	TOTAL - REMOVAL OF INTAKES AND UTILITY ACCESSES			

Replace Tabulation 110-16 on Sheet C.20 with this Tabulation

110-16 04-16-13					
REMOVAL OF LIGHT POLES AND CONCRETE FOOTINGS					
No.	Location		Removal of Light Pole	Removal of Concrete Footing for Light Pole	Remarks
	Station	Offset Left Right			
IA 150					
1	864+99.12	27.43		1	Remove and Reinstall Light Pole
US 52 East					
2	11+05.26	82.11		1	Remove and Reinstall Light Pole
3	11+53.87	33.69		1	Remove and Reinstall Light Pole
4	11+54.71	33.42		1	Remove and Reinstall Light Pole
5	11+08.08	79.22		1	Remove and Reinstall Light Pole
US 52 North					
6	866+60.78	29.88		1	Remove and Reinstall Light Pole
7	867+58.83	26.87		1	Remove and Reinstall Light Pole
IA 24					
8	702+88.91	26.59			Remove and Reinstall Light Pole
9	715+95.52	26.85		1	Remove and Reinstall Light Pole
10	716+87.05	25.16		1	Remove and Reinstall Light Pole
11	717+81.08	26.59		1	Remove and Reinstall Light Pole
12	718+64.95	27.67		1	Remove and Reinstall Light Pole
TOTAL				11	REMOVAL OF CONCRETE FOOTINGS OF LIGHT POLES
				12	REMOVE AND REINSTALL LIGHT POLE AND LUMINAIRE

FULL-DEPTH PATCHES

Refer to Standard Roads Plans PR-101, PR-102, PR-103, PR-104 and PR-140.

Count	Location		Dimension			PCC Patches			HMA Patches	Composite HMA	Subbase Patches	Subbase Patch w/ 'EF' Joint	Patch Subdrain	'CD' Joints	'CT' Joints	'EF' Joints	Anchor Lugs Removal	Remarks
	Station or Milepost	Lane	Length	Width	Patch Thickness	With Dowels	Without Dowels	C R C										
						PR-103	PR-102	PR-104										
L, R, or B	FT	FT	IN	SY	SY	SY	SY	TON	SY	SY	No.	No.	No.	No.	No.			
DIV. 1 - IOWA DOT																		
IA 150																		
1 852+03		R	6.0	11.0	8.0	7.3												
1 1852+89		L	28.0	11.0	8.0	34.2								2	1			
1 1853+71		L	40.0	12.5	8.0	55.6								1	2			
1 1853+94		R	31.0	13.5	8.0	46.5								2	1			
1 1859+82		R	54.0	12.0	8.0	72.0								2	2			
1 1860+82		R	40.0	12.0	8.0	53.3								3	1			
1 1862+09		R	58.0	12.0	8.0	77.3								3	2			
1 1862+85		L	28.0	12.0	8.0	37.3								2	1			
1 1862+85		R	38.0	12.0	8.0	50.7								2	1			
1 1864+87		L	8.0	12.0	8.0	10.7												
US 52 N																		
1 875+62		R	35.6	36.7	10.0	145.4											ADA Return	
1 869+14		L	6.0	12.0	10.0	8.0												
1 869+75		L Outside	30.0	8.0	10.0	26.7											Near RR Tracks	
1 869+75		R	6.0	12.0	10.0	8.0												
IA 24																		
1 690+64		R	6.0	12.0	8.0	8.0												
1 693+95		L	10.0	12.0	8.0	13.3												
1 693+95		R	10.0	12.0	8.0	13.3												
1 703+85		L	4.0	12.0	8.0	5.3												
1 703+85		R	4.0	12.0	8.0	5.3												
1 707+47		L	18.0	12.0	8.0	24.0									1			
1 707+47		R	24.0	12.0	8.0	32.0									1			
1 708+86		L	10.0	16.0	8.0	17.8												
2 708+86		R	10.0	28.0	8.0	31.1												
1 705+65		L	19.0	19.6	8.0	41.3											ADA Return	
US 52 E																		
2 11+51		L	6.0	24.0	7.0	16.0												
2 11+51		R	6.0	24.0	7.0	16.0												
29 TOTAL						856.5								17	13			
DIV. 2 - CITY OF CALMAR																		
IA 150																		
1 1856+23.20		L	2.5	6.0	8.0	1.8											Fire Hydrant	
1 1856+88.30		L	6.8	6.0	8.0	4.6											Water Service	
1 1857+42.70		L	7.0	6.0	8.0	4.7											Water Service	
1 1858+85.08		L	16.5	17.7	8.0	23.2											Fire Hydrant	
1 1859+84.82		B	43.4	6.0	8.0	28.9											Water Service	
1 1859+98.59		L	7.7	6.0	8.0	5.1											Water Service	
1 1861+49.23		L	8.1	6.0	8.0	5.4											Water Service	
1 865+65.09		L	13.8	6.0	8.0	10.3											Fire Hydrant	
US 52 N																		
1 866+44.05		B	36.8	6.0	10.0	24.5											Water Service	
1 866+79.48		B	36.8	6.0	10.0	24.5											Water Service	
1 866+95.61		B	36.8	6.0	10.0	24.5											Water Service	
1 867+00.37		R	13.8	6.0	10.0	9.2											Water Service	
1 867+19.20		B	34.4	6.0	10.0	22.9											Water Service	
1 867+32.07		R	15.7	6.0	10.0	9.9											Water Service	
1 867+53.66		B	36.7	6.0	10.0	24.1											Water Service	
1 867+76.15		R	13.9	6.0	10.0	9.3											Water Service	
1 867+93.64		R	13.9	6.0	10.0	9.3											Water Service	
1 867+94.62		B	36.7	6.0	10.0	24.5											Water Service	
1 869+48.44		R	16.5	6.0	10.0	9.8											Fire Hydrant	
1 875+44.28		R	16.4	6.0	10.0	9.3											Fire Hydrant	
IA 24																		
1 705+62.92		L	8.1	6.0	8.0	5.4											Water Service	
1 716+30.92		R	14.1	6.0	8.0	9.4											Water Service	
1 716+56.10		R	14.0	6.0	8.0	9.3											Water Service	
1 716+84.31		R	13.9	6.0	8.0	9.3											Water Service	
1 717+06.15		L	3.0	6.0	8.0	2.0											Water Service	
1 717+43.98		L	3.0	6.0	8.0	2.0											Water Service	
1 717+54.69		R	13.6	6.0	8.0	9.1											Water Service	
1 718+30.59		L	3.0	6.0	8.0	2.0											Water Service	
US 52 E																		
1 11+56.20		L	10.5	11.4	7.0	13.6											Fire Hydrant	
1 11+69.11		B	40.1	6.0	7.0	26.7											Water Service	
1 12+35.82		L	8.8	6.0	7.0	5.8											Water Service	
1 12+56.99		L	8.2	6.0	7.0	5.4											Water Service	
32 TOTAL						385.8												