

A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: April, 19, 2016
Date of Addendum: April 18, 2016

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
004	52-3715-652	BRIDGE REPLACEMENT - OTHER	JOHNSON	HDP-3715(652)--71-52	19APR004.A03

Add the attached plan sheet U.84 to the plans:

Cathodic Protection Schedule - 16" DIP (Dubuque St.)

Dwg. Sheets U.39-U.51

Test Station PL STA # (x 100 ft)	Anode Spacing (feet)	First Anode STA (x 100 ft)	Last Anode STA (x 100 ft)	Est. Amt. #8 Cable (feet)	Anodes Per TS	TS Style	TS Type	Remarks
103.48					0	Flush	ITS	FIK at Valved-Tee to 8" DIP WTM
103.51								16" Lateral to tie-in across Dubuque St.
105.01	75	104.63	105.38	170	2	Flush	ATS	
105.56								12" Lateral to Park Road WM
108.01	75	107.26	108.76	330	3	Flush	ATS	
111.01	75	110.63	111.38	170	2	Flush	ATS	
112.52								8" Lateral to Kimball Road WM
114.01	75	113.26	114.76	330	3	Flush	ATS	
117.01	75	116.63	117.38	170	2	Flush	ATS	
120.01	75	119.26	120.76	330	3	Flush	ATS	
123.08						Flush	CTS	STA 122.98 to STA 123.08
124.50	60	123.60	125.40	400	4	Flush	ATS	
124.68								8" Lateral to tie-in across Dubuque St.
127.50	75	127.13	127.88	170	2	Flush	ATS	
130.85							N/R	2" Service Lateral w/ICS
131.90								N/R 2" Service Lateral w/ICS
130.50	75	130.13	130.88	170	2	Flush	ATS	
132.85					0	Flush	ITS	8" Lateral w/FIK to Ridge Road WM
133.50	75	133.13	133.88	170	2	Flush	ATS	
136.50	75	136.13	136.88	170	2	Flush	ATS	
139.10								12" Lateral to tie-in across Dubuque St.
139.50	75	139.13	139.88	170	2	Flush	ATS	
142.30					0	Flush	ITS	FIK at Valved-Tee to Ex. 12" WTM
Total				2750	29		16	

- Contractor is responsible for verifying that these estimated quantities will be sufficient to complete the Work in full conformance with the Bid Documents and any subsequent Addenda issued by the Owner.
- All STA # for Dubuque Street WM are estimated and are based upon S.B. stationing.

Key to Abbreviations (Refer to CP Special Provisions):

FIK Flange Isolation Kit
ICS Isolation Corporation Stop

Key to Test Stations: (See CP Installation Detail Drawings)

ITS Isolation Test Station
ATS Anode Test Station
CTS Casing Test Station

Cathodic Protection Schedule - 8" DIP (Dubuque Rd. Crossing)

Dwg. Sheet U.45

Test Station PL STA # (x 100 ft)	Anode Spacing (feet)	First Anode STA (x 100 ft)	Last Anode STA (x 100 ft)	Est. Amt. #8 Cable (feet)	Anodes Per TS	TS Style	TS Type	Remarks
0.00					1	Post	ITS	FIK at conn. to Ex. 8" WM (see Note 3)
1.65								Tie-in to 16" WM on Dubuque St.
Total				0	1		1	

Cathodic Protection Schedule - 12" DIP (to Park Rd.)

Dwg. Sheets U.57-U.58

Test Station PL STA # (x 100 ft)	Anode Spacing (feet)	First Anode STA (x 100 ft)	Last Anode STA (x 100 ft)	Est. Amt. #8 Cable (feet)	Anodes Per TS	TS Style	TS Type	Remarks
355.15					0	Flush	ITS	FIK at East Side of Bridge
356.10						Flush	CTS	STA 355.25 to STA 356.10
356.20								Tie-in to 16" WM on Dubuque St.
Total				0	0		2	

Cathodic Protection Schedule - 16" DIP (Dubuque Rd. X-ing near Brown)

Dwg. Sheets U.39 & U.59

Test Station PL STA # (x 100 ft)	Anode Spacing (feet)	First Anode STA (x 100 ft)	Last Anode STA (x 100 ft)	Est. Amt. #8 Cable (feet)	Anodes Per TS	TS Style	TS Type	Remarks
0.00					1	Post	ITS	FIK at conn. to Ex. 16" WM (See Note 3)
0.45						Post	CTS	STA 0.45 to STA 0.90
1.75								Tie-in to 16" WM on Dubuque St.
Total				0	1		2	

Cathodic Protection Schedule - 8" DIP (Kimball Rd.)

Dwg. Sheets U.60-U.61

Test Station PL STA # (x 100 ft)	Anode Spacing (feet)	First Anode STA (x 100 ft)	Last Anode STA (x 100 ft)	Est. Amt. #8 Cable (feet)	Anodes Per TS	TS Style	TS Type	Remarks
2113.10								Tie-in to 16" WM on Dubuque St.
2114.60	75	2114.23	2114.98	170	2	Flush	ATS	
2116.45						Flush	CTS	STA 2116.45 to STA 2116.55
2117.32					0	Flush	ITS	6" Lateral w/FIK at Ex. WM
2117.60								Tie-in to 6" WM on N. Gilbert St.
Total				170	2		3	

Cathodic Protection Schedule - 6" DIP (N. Gilbert St.)

Dwg. Sheets U.62-U.63

Test Station PL STA # (x 100 ft)	Anode Spacing (feet)	First Anode STA (x 100 ft)	Last Anode STA (x 100 ft)	Est. Amt. #8 Cable (feet)	Anodes Per TS	TS Style	TS Type	Remarks
12118.10								Tie-in to 8" WM on Kimball Rd.
12118.30					0	Flush	ITS	8" Lateral w/FIK at Ex. WM
12119.20					0	Flush	ITS	FIK at conn. to Ex. 6" WM
Total				0	0		2	

Cathodic Protection Schedule - 12" DIP (Taft Speedway)

Dwg. Sheet U.65

Test Station PL STA # (x 100 ft)	Anode Spacing (feet)	First Anode STA (x 100 ft)	Last Anode STA (x 100 ft)	Est. Amt. #8 Cable (feet)	Anodes Per TS	TS Style	TS Type	Remarks
1135.52					1	Post	ITS	FIK at conn. to Ex. 12" WM (See Note 3)
1136.62						Post	CTS	STA 1136.62 to STA 1136.87
1138.85								Tie-in to 16" WM on Dubuque St.
Total				0	1		2	

- Contractor is responsible for verifying that these estimated quantities will be sufficient to complete the Work in full conformance with the Bid Documents and any subsequent Addenda issued by the Owner.
- All STA # for WMs are estimated.

2. Install magnesium anode at connection point to existing main and route lead wire into TS, but do not connect to pipe.

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NEW SHEET