

# A d d e n d u m

Iowa Department of Transportation  
Office of Contracts

Date of Letting: January 21, 2015  
Date of Addendum: January 16, 2015

<b>B.O.</b>	<b>Proposal ID</b>	<b>Proposal Work Type</b>	<b>County</b>	<b>Project Number</b>	<b>Addendum</b>
109	82-0741-226	PCC PAVEMENT - GRADE & REPLACE	SCOTT	IM-074-1(226)5--13-82 IM-074-1(227)5--13-82	21JAN109.A04

Make the following changes to the PROPOSAL SCHEDULE OF PRICES:

Add Proposal Line No. 1551 2109-8225100 SPECIAL COMPACTION OF SUBGRADE; 51.700  
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If the above changes are not made, they will be made as shown here.

Make the following change to the PLAN for Project No. IM-074-1(226)5--13-82:

SHEET C.5:

Add the following note to the ESTIMATE REFERENCE INFORMATION for the item  
2109-8225100 SPECIAL COMPACTION OF SUBGRADE:

See Tab 103-1 on the C Sheets for the tabulation and refer to the Q sheets for  
locations and details.

SHEET C.8:

Add the attached SHEET C.8 to the plans and delete the 2<sup>nd</sup> SHEET C.9.

SHEET C.20

Replace SHEET C.20 with the attached SHEET C.20. Added Tab. 103-1 SPECIAL  
COMPACTION.

SHEET N.10

Replace SHEET N.10 with the attached SHEET N.10. Changed Post 3 from Dual 62'  
and 39' Combination Mast Arm to a Single 62' Combination Mast Arm. Changed Post  
12 from a 10' Pedestal Pole to a 38' Mast Arm.

SHEET N.11

Replace SHEET N.11 with the attached SHEET N.11. Conduit and Cable changes to  
accommodate changes in Sheet N.10.

SHEET N.18

Replace SHEET N.18 with the attached SHEET N.18. Changed Post 5 from Dual 58' and 46' Combination Mast Arm to a Single 46' Combination Mast Arm. Added Post 7 as a 50' Mast Arm.

SHEET N.19

Replace SHEET N.19 with the attached SHEET N.19. Conduit and Cable changes to accommodate changes in Sheet N.18.

Add the attached Tabulation for PERMANENT TRAFFIC SIGNAL BILL OF MATERIALS.

Add the attached Tabulation for MAST ARM POLE FOOTING.

Add the attached detail for POLE FOOTING DETAILS.

100-41  
10-29-02

**ESTIMATE REFERENCE INFORMATION**

Item No.	Item Code	Description
131	2599-9999005	HANDHOLE, FURNISH AND INSTALL, TYPE I This work shall consist of furnishing and installing the Type I Handholes for the proposed ITS Infrastructure within this project. This work shall include all materials, hardware, and labor required for complete installation of the Type I Handholes. Refer to Sheet N.22-N.35 for location and details. MATERIALS Refer to the Special Provisions. METHOD OF MEASUREMENT Refer to the Special Provisions. BASIS OF PAYMENT Refer to the Special Provisions.
132	2599-9999005	HANDHOLE, FURNISH AND INSTALL, TYPE III This work shall consist of furnishing and installing the Type III Handholes for the proposed ITS Infrastructure within this project. This work shall include all materials, hardware, and labor required for complete installation of the Type III Handholes. Refer to Sheet N.22-N.35 for location and details. MATERIALS Refer to the Special Provisions. METHOD OF MEASUREMENT Refer to the Special Provisions. BASIS OF PAYMENT Refer to the Special Provisions.
133	2599-9999005	METER PEDESTAL This work shall consist of furnishing and installing the Meter Pedestals for the proposed ITS Infrastructure within this project. This work shall include all materials, hardware, and labor required for complete installation of the Type III Handholes. Refer to Sheet N.22-N.35 for location and details. MATERIALS Refer to the Special Provisions for ITS INFRASTRUCTURE. METHOD OF MEASUREMENT Refer to the Special Provisions for ITS INFRASTRUCTURE. BASIS OF PAYMENT Refer to the Special Provisions for ITS INFRASTRUCTURE.
134	2599-9999005	OVERHEAD SIGN SUPPORT STRUCTURE, CANTILEVERED, 17 FT. ARM Description. This work shall consist of fabricating, furnishing, and erecting the steel cantilever dynamic message sign (D.M.S.) support structures along U.S. 61 for the proposed ITS Infrastructure within the project. This work shall include all materials, hardware, and labor required to construct the support structures. See V Sheets for locations and details. Materials. Materials shall be according to Section 4187 of the Standard Specifications and the V Sheets. Construction. Construction shall be according to Article 2423.03 of the Standard Specifications and the V Sheets. Method of Measurement. Method of Measurement shall be according to Article 2423.04 of the Standard Specifications.
135	2599-9999005	POWER CONNECTION Basis of Payment. Basis of Payment shall be according to Article 2423.05 of the Standard Specifications. DESCRIPTION This work shall consist of furnishing and installing the Power Connections for the proposed ITS Infrastructure within this project. This work shall include all materials, hardware, and labor required for complete installation of the Type III Handholes. Refer to Sheet N.22-N.35 for location and details. Refer to the Special Provisions for ITS INFRASTRUCTURE. METHOD OF MEASUREMENT Refer to the Special Provisions for ITS INFRASTRUCTURE.
136	2599-9999005	TRAFFIC SIGNAL POLE MOUNTED LUMINAIRE Description. Furnish all work, apparatus, and materials to install, and place in operation, to the Engineer's satisfaction.

100-41  
10-29-02

**ESTIMATE REFERENCE INFORMATION**

Item No.	Item Code	Description
137	2599-9999009	CABLE, FURNISH AND INSTALL, #2 This work shall consist of furnishing and installing the #2 Copper Cable for proposed ITS Electrical Circuits within this project. This work shall include all materials, hardware, and labor required for complete installation and full operation of the Cable. Refer to Sheet N.22-N.35 for location and details. Refer to Section 4185.12 of the Standard Specifications for cable. Refer to Section 4185.11 for connector assemblies. INSTALLATION Refer to Section 2523.03 Q of the Standard Specifications. METHOD OF MEASUREMENT Linear feet as shown in the contract documents. BASIS OF PAYMENT Payment is full compensation for materials, equipment, and installation of electric cable in conduit between connectors and equipment. Connectors shall not be paid for separately but shall be incidental to cable.
138	2599-9999009	CABLE, FURNISH AND INSTALL, #2 This work shall consist of furnishing and installing the #2 Copper Cable for proposed ITS Electrical Circuits within this project. This work shall include all materials, hardware, and labor required for complete installation and full operation of the Cable. Refer to Sheet N.22-N.35 for location and details. Refer to Section 4185.12 of the Standard Specifications for cable. Refer to Section 4185.11 for connector assemblies. INSTALLATION Refer to Section 2523.03 Q of the Standard Specifications. METHOD OF MEASUREMENT Linear feet as shown in the contract documents. BASIS OF PAYMENT Payment is full compensation for materials, equipment, and installation of electric cable in conduit between connectors and equipment. Connectors shall not be paid for separately but shall be incidental to cable.
139	2599-9999009	CABLE, FURNISH AND INSTALL, #6 This work shall consist of furnishing and installing the #6 Copper Cable for proposed ITS Electrical Circuits within this project. This work shall include all materials, hardware, and labor required for complete installation and full operation of the Cable. Refer to Sheet N.22-N.35 for location and details. MATERIALS Refer to Section 4185.12 of the Standard Specifications for cable. Refer to Section 4185.11 for connector assemblies. INSTALLATION Refer to Section 2523.03 Q of the Standard Specifications. METHOD OF MEASUREMENT Linear feet as shown in the contract documents. BASIS OF PAYMENT Payment is full compensation for materials, equipment, and installation of electric cable in conduit between connectors and equipment. Connectors shall not be paid for separately but shall be incidental to cable.

**PROPOSED SUBGRADE TREATMENT**  
(For Additional Details see Soils Survey Sheet No. 0.1 to 0.36.)

No.	Location		End Station	Side	Type	Description		Width	Area	Material	Shrink %		Quantity		Polymer Grid	Available From	Remarks
	Begin Station	Station				Depth	FT				FT	Area	Shrink %	Shrink %			
1	199+00.00	200+50.00	199+40.00	BOTH	Standard	1.0	47.0	47.0	47.0	SPECIAL BACKFILL (SEE ART. 4132)	0.00%	348.1	658.000			In addition to any Mod Subbase shown on B Sheets	
2	200+50.00	203+70.00	201+10.00	BOTH	Standard	1.0	47.0	47.0	47.0	SPECIAL BACKFILL (SEE ART. 4132)	0.00%	557.0	1,052.800			In addition to any Mod Subbase shown on B Sheets	
3	206+00.00	212+00.00	209+00.00	BOTH	Standard	1.0	47.0	47.0	47.0	SPECIAL BACKFILL (SEE ART. 4132)	0.00%	1,044.4	1,974.000			In addition to any Mod Subbase shown on B Sheets	
4	213+85.00	217+40.00	215+62.50	BOTH	Standard	1.0	47.0	47.0	47.0	SPECIAL BACKFILL (SEE ART. 4132)	0.00%	618.0	1,167.950			In addition to any Mod Subbase shown on B Sheets	
5	1593+00.00	1597+40.00	1595+20.00	LT	Standard	1.0	17.5	17.5	17.5	SPECIAL BACKFILL (SEE ART. 4132)	0.00%	285.3	539.123			In addition to any Mod Subbase shown on B Sheets	
6	1599+50.00	1603+50.00	1601+50.00	LT	Standard	1.0	23.5	23.5	23.5	SPECIAL BACKFILL (SEE ART. 4132)	0.00%	136.9	259.000			In addition to any Mod Subbase shown on B Sheets	
7	1601+50.00	1605+50.00	1603+50.00	LT	Standard	1.0	23.5	23.5	23.5	SPECIAL BACKFILL (SEE ART. 4132)	0.00%	87.0	164.500			In addition to any Mod Subbase shown on B Sheets	
8	1593+00.00	1597+40.00	1595+20.00	RT	Standard	1.0	17.5	17.5	17.5	SPECIAL BACKFILL (SEE ART. 4132)	0.00%	450.7	851.814			In addition to any Mod Subbase shown on B Sheets	
9	1597+40.00	1601+50.00	1599+40.00	RT	Standard	1.0	17.5	17.5	17.5	SPECIAL BACKFILL (SEE ART. 4132)	0.00%	136.0	257.127			In addition to any Mod Subbase shown on B Sheets	
10	1601+50.00	1605+50.00	1603+50.00	RT	Standard	1.0	17.5	17.5	17.5	SPECIAL BACKFILL (SEE ART. 4132)	0.00%	129.6	245.000			In addition to any Mod Subbase shown on B Sheets	
11	1605+50.00	1609+50.00	1607+50.00	RT	Standard	1.0	29.5	29.5	29.5	SPECIAL BACKFILL (SEE ART. 4132)	0.00%	189.3	206.500			In addition to any Mod Subbase shown on B Sheets	
12	1609+50.00	1613+50.00	1611+50.00	RT	Standard	1.0	29.5	29.5	29.5	SPECIAL BACKFILL (SEE ART. 4132)	0.00%	37.8	539.500			In addition to any Mod Subbase shown on B Sheets	
13	1613+50.00	1617+50.00	1615+50.00	RT	Standard	1.0	38.5	38.5	38.5	SPECIAL BACKFILL (SEE ART. 4132)	0.00%	488.2	771.444			In addition to any Mod Subbase shown on B Sheets	
14	1617+50.00	1621+50.00	1619+50.00	RT	Standard	1.0	44.0	44.0	44.0	SPECIAL BACKFILL (SEE ART. 4132)	0.00%	429.8	812.350			In addition to any Mod Subbase shown on B Sheets	
15	1621+50.00	1625+50.00	1623+50.00	RT	Standard	1.0	34.6	34.6	34.6	SPECIAL BACKFILL (SEE ART. 4132)	0.00%	64.1	121.100			In addition to any Mod Subbase shown on B Sheets	
16	1625+50.00	1629+50.00	1627+50.00	RT	Standard	1.0	26.5	26.5	26.5	SPECIAL BACKFILL (SEE ART. 4132)	0.00%	280.9	530.994			In addition to any Mod Subbase shown on B Sheets	
17	1629+50.00	1633+50.00	1631+50.00	RT	Standard	1.0	26.5	26.5	26.5	SPECIAL BACKFILL (SEE ART. 4132)	0.00%	258.9	489.256			In addition to any Mod Subbase shown on B Sheets	
18	1633+50.00	1637+50.00	1635+50.00	RT	Standard	1.0	36.6	36.6	36.6	SPECIAL BACKFILL (SEE ART. 4132)	0.00%	136.4	257.870			In addition to any Mod Subbase shown on B Sheets	
19	1637+50.00	1641+50.00	1639+50.00	RT	Standard	1.0	34.6	34.6	34.6	SPECIAL BACKFILL (SEE ART. 4132)	0.00%	76.8	145.199			In addition to any Mod Subbase shown on B Sheets	
20	1641+50.00	1645+50.00	1643+50.00	RT	Standard	1.0	17.5	17.5	17.5	SPECIAL BACKFILL (SEE ART. 4132)	0.00%	16.2	30.625			In addition to any Mod Subbase shown on B Sheets	
21	1645+50.00	1649+50.00	1647+50.00	RT	Standard	1.0	26.5	26.5	26.5	SPECIAL BACKFILL (SEE ART. 4132)	0.00%	104.5	197.502			In addition to any Mod Subbase shown on B Sheets	
22	1649+50.00	1653+50.00	1651+50.00	RT	Standard	1.0	29.5	29.5	29.5	SPECIAL BACKFILL (SEE ART. 4132)	0.00%	129.5	244.764			In addition to any Mod Subbase shown on B Sheets	
23	1653+50.00	1657+50.00	1655+50.00	RT	Standard	1.0	29.5	29.5	29.5	SPECIAL BACKFILL (SEE ART. 4132)	0.00%	27.3	51.625			In addition to any Mod Subbase shown on B Sheets	
24	1657+50.00	1661+50.00	1659+50.00	RT	Standard	1.0	47.0	47.0	47.0	SPECIAL BACKFILL (SEE ART. 4132)	0.00%	249.6	498.750			In addition to any Mod Subbase shown on B Sheets	
25	1661+50.00	1665+50.00	1663+50.00	BOTH	Standard	1.0	47.0	47.0	47.0	SPECIAL BACKFILL (SEE ART. 4132)	0.00%	226.3	427.700			In addition to any Mod Subbase shown on B Sheets	
26	1665+50.00	1669+50.00	1667+50.00	BOTH	Standard	1.0	35.0	35.0	35.0	SPECIAL BACKFILL (SEE ART. 4132)	0.00%	159.4	301.277			In addition to any Mod Subbase shown on B Sheets	
27	1669+50.00	1673+50.00	1671+50.00	BOTH	Standard	1.0	31.6	31.6	31.6	SPECIAL BACKFILL (SEE ART. 4132)	0.00%	188.4	204.898			In addition to any Mod Subbase shown on B Sheets	
Total = 51.7																	

103-1  
MODIFIED

**SPECIAL COMPACTION**

Station to Station	Lane	Depth	Compact	Remarks
199+00.00	US 67 SB	1.5	Special Compaction	
212+00.00	US 67 SB	1.9	Special Compaction	
488+31.28	State St	1.7	Special Compaction	
489+60.52	State St	3.8	Special Compaction	
489+60.52	State St	3.1	Special Compaction	
503+72.96	State St	0.2	Special Compaction	
4610+84.00	Kimberly	16.2	Special Compaction	
8+60.00	M15S15S1	3.1	Special Compaction	
12+10.00	M15S15S1	4.0	Special Compaction	
9+60.00	Brown St	2.0	Special Compaction	
101+00.00	11th St	0.9	Special Compaction	
11100+00.00	11th St	0.9	Special Compaction	
4603+10.16	11th St	1.9	Special Compaction	
13100+44.44	13th St	2.8	Special Compaction	
101+82.12	15th St	4.2	Special Compaction	
107+10.34	15th St	4.1	Special Compaction	
99+51.81	16th St	2.2	Special Compaction	
2592+65.24	US 67 Ra	1.5	Special Compaction	





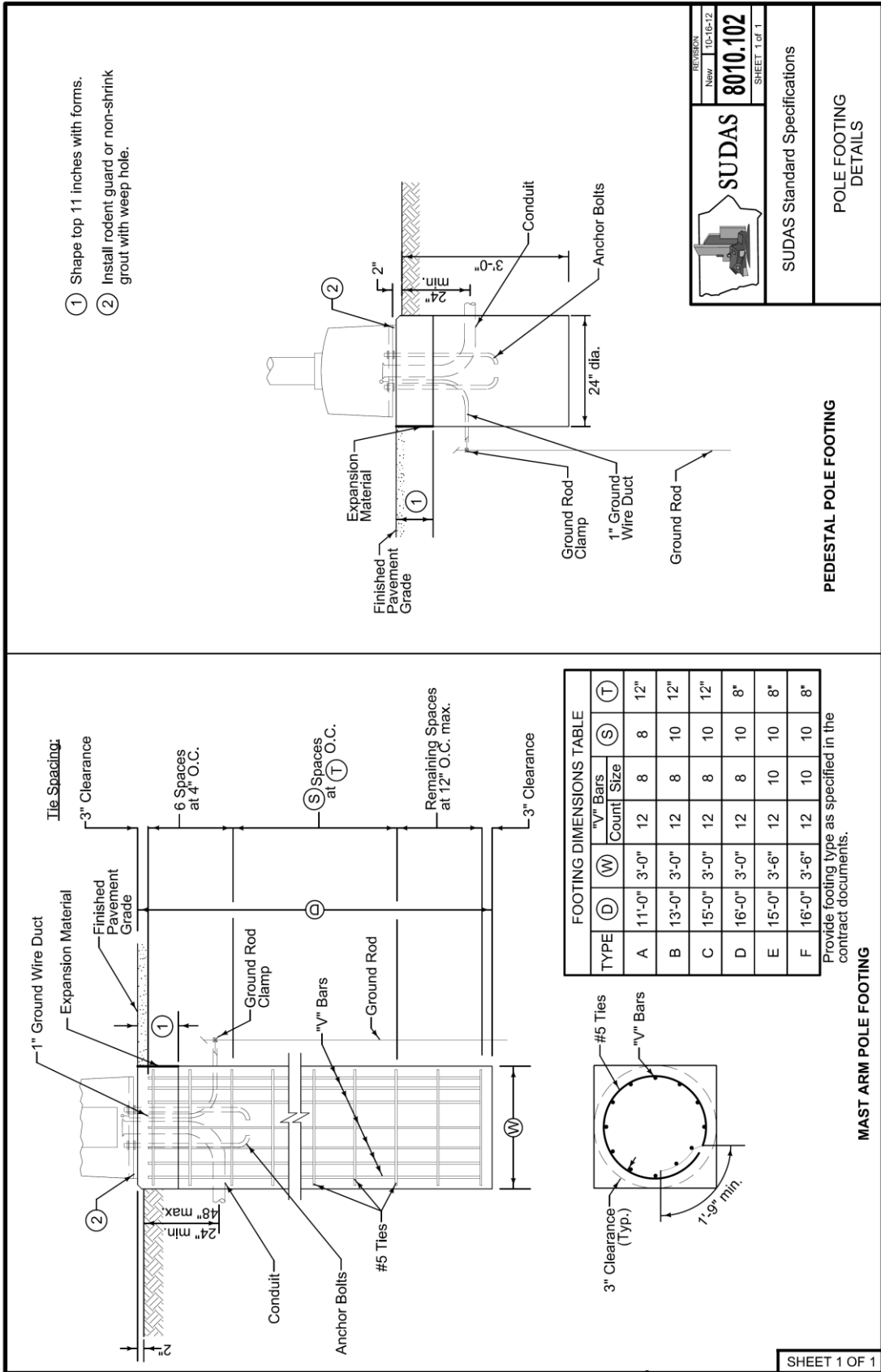












- ① Shape top 11 inches with forms.
- ② Install rodent guard or non-shrink grout with weep hole.

**SUDAS**  
 8010.102  
 SHEET 1 of 1

SUDAS Standard Specifications  
 POLE FOOTING DETAILS