

A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: May 20, 2014
Date of Addendum: April 30, 2014

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
303	78-0801-370	GRADING	POTTAWATTAMIE	IMN-029-3(140)54--0E-78 IM-NHS-080-1(370)4--03-78	20MAY303.A01

Notice: Only the bid proposal holders receive this addendum and responsibility for notifying any potential subcontractors or suppliers remains with the proposal holder.

Make the following changes to the PROPOSAL SCHEDULE OF PRICES:

Change Proposal Line No. 0150 2312-8260051 GRANULAR SURFACING ON ROAD,
CLASS A CRUSHED STONE:

From: 1,193.700 TON

To: 1,248.000 TON

Change Proposal Line No. 0600 2507-3250005 ENGINEERING FABRIC:

From: 1,324.700 SY

To: 1,501.700 SY

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

Make the following changes to IM-NHS-080-1(370)4--03-78:

Replace Plan Sheet C.2 with attached Plan Sheet C.2

Note: Estimate Reference Information for Item No. 13 was revised.

Replace Plan Sheet C.3 with attached Plan Sheet C.3

Note: Estimate Reference Information for Item No's 58, 59 and 64 were revised.

Replace Plan Sheet C.11 with attached Plan Sheet C.11

Note: Tabulations 102-3 and 100-7 were revised.

Replace Plan Sheet U.15 with attached Plan Sheet U.15

Note: 'Coordination by Others' was added.

Replace Plan Sheet U.16 with attached Plan Sheet U.16

Note: 'Surge Suppression Block and Wiring by Others' was added.

Replace Plan Sheet U.17 with attached Plan Sheet U.17

Note: 'Pull Box by Others' and 'Handhole by Others' was added.

ESTIMATE REFERENCE INFORMATION

Item No.	Item Code	Description
1	2101-0850001	CLEARING AND GRUBBING Refer to Sheet U.1 - U.5 for details. Includes removal of debris in lateral 5 within the clearing and grubbing area.
2	2102-2710079	EXCAVATION, CLASS 10, ROADWAY AND BORROW Refer to "I" sheets. Overhaul will not be measured or paid for, but shall be considered incidental to roadway excavation on this project. Includes 995.1 cu. yds. from optional borrow. Refer to R sheets for details. Borrow quantity includes 288.6 cu. yds. for Guardrail Blister (see Tab 187-23 on sheet C.14) and 39.5 cu. yds. for Sand Barrel Placement (see Tab 188-30 on sheet C.15). Includes 136.64 cu. yds. of suitable material from Template Cut. Refer to "Special Provision for Alternate Borrow Areas (Loess Hills)" for the Contractor's responsibilities for locating alternate borrow areas in the Loess Hills Region of Western Iowa. Lateral 5/Channel 3100 north of existing 29th Ave. is a possible contaminated area. Any contaminated soil encountered as part of the project excavation shall be disposed of as per Section 2307 of the Standard Specifications for Iowa Highways. Contact the Office of Location and Environment at 515-239-1741 for disposal questions. Any contaminated material removed will be paid for under "Remediation of Petroleum Contaminated Soil". Item includes placing 10 settlement plates. Refer to Standard Road Plan EH-212 and Tab 183-5 on sheet CS-1 for locations and details.
3	2102-2712015	EXCAVATION, CLASS 12, BOULDERS OR ROCK FRAGMENTS Refer to Tab 183-7 on sheet CS-1. Dispose of excess material according to Article 1106-07 of the current Specifications.
4	2105-0425015	TORSION STRIP, SALVAGE AND SPREAD Refer to Tab 183-4 on sheet C.13. Refer to cross sections for undercut location.
5	2107-0675100	COMPACTION WITH MOISTURE CONTROL Item is for all fill material on the project. Shrinkage is not included in the quantity. Refer to Tab 183-6 on sheet CS.1 and "Developmental Specification for Compaction with Moisture Control" for additional details.
6	2107-3825025	GRANULAR MATERIAL FOR BLANKET AND SUBDRAIN Item is for granular blanket. Refer to Q sheets and sheet CS.1 for locations and details.
7	2112-0000100	MICK DRAIN Refer to Q sheets and Tab "Mick" on sheet CS.1 for locations and details.
8	2115-0100000	MODIFIED SURFACE Refer to Typical "2 Lane Paving" on Sheet B.9, Typical "20TH AVE DETOUR" on Sheet B.10, and Tab 180-24 on sheet C.7 for locations and details.
9	2121-7425010	GRANULAR SHOULDERS, TYPE A Refer to Typical "2 Lane Paving" on Sheet B.9.
10	2123-7426000	GRANULAR SHOULDERS, TYPE B Refer to Typical "2 Lane Paving" on Sheet B.9. Requires 1066.3 cu. yds. of earth shoulder fill Refer to Tab 112-9 on sheet C.8.
11	2301-1030000	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 8 IN. Refer to Tab 180-24 on sheet C.7 for details. Includes 219.4 SY for paving maintenance turnaround- refer to Tab 182-3 on sheet C.11 for details.
12	2301-6911722	PORTLAND CEMENT CONCRETE PAVEMENT SAMPLES
13	2312-8260051	GRANULAR SURFACING ON ROAD, CLASS A CRUSHED STONE 978.4 tons is for entrances on 23rd and 29th Ave. Quantity calculated using 4" surface thickness unless otherwise on Tab 182-3 on sheet C.11. Includes 200 tons for 29th Ave. temporary widening between Sta. 3059+00 and Sta. 3053+10. Includes additional 263 tons for 23rd Ave. between Sta. 3010+50 and Sta. 3013+50. Quantity calculated using 6" surface thickness.
14	2401-6745050	REMOVAL OF EXISTING STRUCTURES Refer to Tab 182-2 on sheet C.10 for details.
15	2402-0425040	FLOODED BACKFILL Refer to Tab 184-3 on sheet C.9 and Standard Road Plan RF-30A for details.
16	2402-2720100	EXCAVATION, CLASS 20, FOR ROADWAY PIPE CULVERT Refer to Tab 184-3 on sheet C.9 locations and details.

ESTIMATE REFERENCE INFORMATION

Item No.	Item Code	Description
17	2416-0100024	APRONS, CONCRETE, 24 IN. DIA. 3- 24" Aprons for storm sewer. Refer to M sheets for locations and details. 18- 24" Aprons. Refer to Tab 184-3 on sheet C.9.
18	2416-0100026	APRONS, CONCRETE, 36 IN. DIA.
19	2416-0100048	APRONS, CONCRETE, 48 IN. DIA.
20	2416-0100054	APRONS, CONCRETE, 54 IN. DIA.
21	2416-0100060	APRONS, CONCRETE, 60 IN. DIA.
22	2416-0102236	APRON, LOW CLEARANCE CONCRETE, EQUIVALENT DIAMETER 36 IN.
23	2416-1180024	CULVERT, CONCRETE ROADWAY PIPE, 36 IN. DIA.
24	2416-1180038	CULVERT, CONCRETE ROADWAY PIPE, 42 IN. DIA.
25	2416-1180048	CULVERT, CONCRETE ROADWAY PIPE, 48 IN. DIA.
26	2416-1180060	CULVERT, CONCRETE ROADWAY PIPE, 60 IN. DIA.
27	2416-1200236	CULVERT, LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 36 IN.
28	2416-1262054	CULVERT, CONCRETE PIPE, 20000, TRENCHLESS, 54 IN. DIA. Refer to Tab 184-3 on sheet C.9 for locations and details. RF-14, Type 3 connections are required for all concrete joints.
29	2417-0222024	APRONS, METAL, 24 IN. DIA. 1- 24" Apron for storm sewer see Sheet M sheets for locations and details. 1- 24" Apron refer to Tab 184-3 on sheet C.9.
30	2417-0341036	REMOVE AND REINSTALL METAL APRONS LESS THAN OR EQUAL TO 36 IN. Refer to D-18 on Tab 184-5B, sheet M.1, for location and details.
31	2417-1060024	CULVERT, CORRUGATED METAL ROADWAY PIPE, 24 IN. DIA. Refer to Tab 184-3 on sheet C.9 for locations and details. 175 ft. Refer to sheets M.3 - M.14 and Tab 184-5b on sheet M.1 for locations and details.
32	2422-0360018	APRONS, UNCLASSIFIED, 18 IN. DIA.
33	2422-0360024	APRONS, UNCLASSIFIED, 24 IN. DIA.
34	2422-0720010	APRONS, UNCLASSIFIED, 30 IN. DIA.
35	2422-0720018	CULVERT, UNCLASSIFIED ROADWAY PIPE, 18 IN. DIA.
36	2422-1722024	CULVERT, UNCLASSIFIED ENTRANCE PIPE, 24 IN. DIA.
37	2422-1722030	CULVERT, UNCLASSIFIED ENTRANCE PIPE, 30 IN. DIA. Refer to Tab 182-3 on sheet C.11 for details.
38	2422-0360024	APRONS, UNCLASSIFIED, 24 IN. DIA. Refer to Tab 184-3 on sheet C.9 for locations and details.
39	2435-0140160	CULVERT, UNCLASSIFIED ROADWAY PIPE, 24 IN. DIA.
40	2435-0140300	MANHOLE, STORM SEWER, SH-401, 60 IN.
41	2435-0256200	MANHOLE, STORM SEWER, SH-403 Refer to sheets M.3 - M.14 and Tab 184-4 on sheet M.1 for details.
42	2502-8212034	MANHOLE, STORM SEWER, SH-401, 60 IN. Refer to Tab 184-9 on sheet CS.2 for locations and details.
43	2502-8212204	MANHOLE, STORM SEWER, SH-403 Refer to Tab 184-5C on sheet CS.3 for locations and details.
44	2502-8220296	MANHOLE, STORM SEWER, SH-402, 60 IN. Refer to Tab 184-5C on sheet CS.3 for locations and details.
45	2502-8220197	MANHOLE, STORM SEWER, SH-404, 60 IN. Refer to Tab 184-5C on sheet CS.3 for locations and details.
46	2503-0110024	STORM SEWER GRAVITY MAIN, TRENCHED, 24 IN.
47	2503-0120024	STORM SEWER GRAVITY MAIN, TRENCHLESS, 24 IN. Refer to sheets M.3 - M.14 and Tab 184-5b on sheet M.1 for locations and details.
48	2503-0200036	REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN. Refer to Tab 184-14 on sheet C.10 for details.
49	2503-0200236	REMOVE AND REINSTALL STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN. Item is for removal of 35' and reInstalling 12' of 15" O.P. Refer to D-18 on Tab 184-5B, sheet M.1, for location and details.

100-4A 10-29-02		ESTIMATE REFERENCE INFORMATION	
Item No.	Item Code	Description	
78	2595-0000012	INSURANCE WHEN WORKING IN RAILROAD RIGHT-OF-WAY, MODIFIED, FOR CBEC RAILWAY COMPANY Refer to "Special Provisions for Work on Railroad Right-of-Way (BREC)" for details.	
79	2595-0000012	INSURANCE WHEN WORKING IN RAILROAD RIGHT-OF-WAY, MODIFIED, FOR IALS RAILWAY COMPANY Refer to "Special Provisions for Work on Railroad Right-of-Way (Iowa Interstate)" for details.	
80	2595-0000013	LIABILITY INSURANCE, MODIFIED, FOR BNSF RAILWAY COMPANY Refer to "Special Provisions for Work on Railroad Right-of-Way (BNSF)" for details.	
81	2595-0000013	LIABILITY INSURANCE, MODIFIED, FOR CBEC RAILWAY COMPANY Refer to "Special Provisions for Work on Railroad Right-of-Way (BREC)" for details.	
82	2595-0000013	LIABILITY INSURANCE, MODIFIED, FOR IALS RAILWAY COMPANY Refer to "Special Provisions for Work on Railroad Right-of-Way (Iowa Interstate)" for details.	
83	2599-9999009	(LINEAR FEET ITEM) CULVERT STEEL CASTING - 9/16 INCH THICKNESS, 48 IN. DIA. Refer to sheet E.12 and Tab 104-3 on sheet C.9 for details. Section 24.6 and 25.3 of the Standard Specifications and the "Burlington Northern Santa Fe Utility Accommodation Policy" shall apply.	
84	2599-9999010	(LUMP SUM ITEM) INSTRUMENTATION Refer to Q sheets, sheet CS-1, and "Special Provisions for Instrumentation" for locations and details.	
85	2601-2633100	MOWING Estimate based on two mowings of "Native Grass Seeding" areas. Areas inaccessible to field equipment shall be cut with appropriate hand equipment and kept current with the mowing of adjacent areas. Mowings shall take place when the vegetation is between 12 and 18 inches tall and mowed between four and eight inches in height.	
86	2601-2634100	MULCHING Mulching per Article 2601.03, E, 2. Anchor mulch into the soil using mulch anchoring equipment with a minimum of two passes. Included for areas requiring reshaping and seedbed preparation. Mulch shall be Certified Roxicious Weed Seed Free Mulch as certified by the Iowa Crop Improvement Association or adjacent states Crop Improvement Associations. Mulch rate: 1 1/2 tons of dry cereal straw or native grass straw per acre.	
87	2601-2634105	MULCHING, BONDED FIBER MATRIX A bonded Fiber Matrix shall be applied as mulch for all areas ten feet adjacent to shoulders and median areas. The seed and fertilizer for the area to be covered shall be applied before the Bonded Fibre Matrix Hydraulic Mulch application. Application rate shall be a minimum of 3000 lbs per acre.	
88	2601-2636015	NATIVE GRASS SEEDING All designated areas shall be seeded per Article 2601.03, C, 5. Native grass will be seeded between station 8559+00 and 8576+00 outside eight feet adjacent to the shoulder. All seed for "Native Grass Seeding" will be supplied by the contractor. All forb seed will be applied through the native grass drill w/diffuser or small seed box. Forb seed will not be allowed to be mixed and applied with the native grass seed. Cover crop will be required to be applied through the cool season or cover crop seed box. The cover crop seed will not be allowed to be mixed and applied with the native grass seed. All seed shall be planted at a maximum 1/8 inch depth. Ensure no seeding is accomplished when wet soil conditions would cause the seed to be placed deeper than specified. Fill seed boxes loosely without packing seed to allow agitator wheels to run freely and the seed flows freely through the drill. The no-till coulters shall be set to penetrate between 1/2 and 3/4 inch below the soil surface. Operate the drill so that the drive wheel maintains ground contact at all times. Perform two passes with the drill, the second pass being offset from the first pass. Operate the tractor between 3 to 5 mph, slow enough to prevent the drill from bouncing. Remove any seed remaining in the drill at the end of each day. At the completion of all seeding remove remaining seed from the drill by vacuum or other means then hand broadcast remaining seed on the project. The Engineer will review the limits prior to seeding with the Contractor.	

100-4A 10-29-02		ESTIMATE REFERENCE INFORMATION	
Item No.	Item Code	Description	
50	2504-9240036	REMOVE SANITARY SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	
51	2504-9240236	SANITARY SEWER ABANDONMENT, FILL AND PLUG, LESS THAN OR EQUAL TO 36 IN. DIA. Refer to sheet U.7-U.8 and Tab 110-14 on sheet C.10 for details.	
52	2505-4008120	REMOVAL OF STEEL BEAM GUARDRAIL Refer to Tab 110-7A on sheet C.14 for details. Material to become property of the contractor.	
53	2505-4008100	STEEL BEAM GUARDRAIL	
54	2505-4008000	STEEL BEAM GUARDRAIL BARRIER TRANSITION SECTION	
55	2505-4021010	STEEL BEAM GUARDRAIL BOLTED	
56	2505-4021700	STEEL BEAM GUARDRAIL END TREATMENT Refer to Tab 108-8A on sheet C.14 for details.	
57	2506-4994000	FLOABLE MORTAR 34.3 CY 15' for culvert abandonment. Refer to Typical 4.315 on sheet B.12 and Tab 110-9 on sheet C.10 49 CY 18' for backfill over the culvert. Refer to Tab 104-3 on sheet C.9 for details.	
58	2507-3200005	ENGINEERING FABRIC	
59	2507-8020000	EROSION STONE Includes 4.403, 4.404, 4.405 on sheet B.14-B.15, and to Tab 108-23 on sheet C.12 for locations and details. Includes 177 SY for Verizon compound. Refer to sheet U.11 - U.26 for details.	
60	2510-6745050	REMOVAL OF PAVEMENT Refer to Tab 110-1 on sheet C.7 and 102-5 on sheet C.8. Includes 110 LF of saw cut.	
61	2510-6750000	REMOVAL OF INTAKES AND UTILITY ACCESSES Refer to Tab 110-15 on sheet C.10 for locations and details.	
62	2517-4225210	RAILROAD APPROACH SECTION, P.C.C. Refer to Standard Road Plan RV-106, and Tab 112-3 on sheet C.8 for locations and details.	
63	2518-6910000	SAFETY CLOSURE Includes 1 road and 11 hazard closures. Refer to Tab. 108-13A on Sheet C.11 for locations and details. Safety Closures to remain in-place at the end of the project.	
64	2519-1003072	FENCE, CHAIN LINK WITH SECURITY TOP, 72 IN. HEIGHT Refer to Section 2519 of the Standard Specifications and sheets U.11 - U.26 for details. Item includes grounding and security top as detailed on sheet U.11 - U.26. Includes all materials and labor required to install approximately 75 ft of 2 in PVC conduit.	
65	2519-3700000	GATE, AS PER PLAN Refer to Section 2519 of the Standard Specifications and sheets U.11 - U.26 for details.	
66	2519-4200120	REMOVAL OF FENCE, CHAIN LINK Refer to Tab 100-7 on sheet C.11 for details.	
67	2523-0000400	CONTROL CABINET Item is for moving existing control cabinet to maintain interstate lighting.	
68	2526-8205000	CONSTRUCTION SURVEY	
69	2527-9263117	PAINTED PAVEMENT MARKINGS, DURABLE Refer to Tab 108-22 on sheet C.16 for details.	
70	2527-9263143	PAINTED SYMBOLS AND LEGENDS, DURABLE Refer to Tab 108-29 on sheet C.16 for details.	
71	2528-8400048	TEMPORARY BARRIER RAIL, CONCRETE Refer to Tab 108-33 on sheet C.15 for locations and details.	
72	2528-8445110	TRAFFIC CONTROL	
73	2533-4980005	MOBILIZATION	
74	2537-8000000	REGENERATION OF PETROLEUM CONTAMINATED SOIL	
75	2537-8000100	SAMPLING AND TESTING FOR PETROLEUM CONTAMINATION (WATER AND SOIL SAMPLES FOR REGENERATION OF PETROLEUM CONTAMINATED SOIL) Lateral 5/Channel 3100 north of existing 29th Ave. is a possible contaminated area. Any contaminated soil encountered as part of the project excavation shall be disposed of as per Section 2537 of the Standard Specifications. If any water with an obvious sheen is removed from Lateral 5 it should be containerized and disposed of properly. Contact the Office of Location and Environment at 515-239-1741 for disposal questions.	
76	2551-0000110	TEMP CRASH CUSHION Refer to Tab 108-30 on sheet C.15 for locations and details.	
77	2595-0000012	INSURANCE WHEN WORKING IN RAILROAD RIGHT-OF-WAY, MODIFIED, FOR BNSF RAILWAY COMPANY Refer to "Special Provisions for Work on Railroad Right-of-Way (BNSF)" for details.	

ENGLISH	IOWA DOT	DESIGN TEAM	Skogenboe\Strum\Brinkman\Janus	POTTAWATTAMIE	COUNTY	PROJECT NUMBER	IM-NHS-080-1(370)4--03-78	SHEET NUMBER	C.3
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PLANS PREPARED FOR:

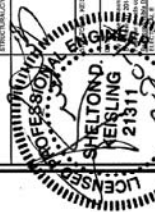


PLANS PREPARED BY:

6900 West 109th Street, Suite 300
Overland Park, Kansas 66210
Phone: 913-438-7700
Fax: 913-438-7777

ENGINEERING LICENSE:

ENGINEER'S NAME: MICHAEL L. WENZEL, P.E.
 LICENSE NO.: 21311
 EXPIRES: 12/31/2014
 CATEGORY: ELECTRICAL
 STATE: IOWA



DESIGNED BY: OMA SAMIAM
 CHECKED BY: OMA SAMIAM
 DATE: 11/05/10

TOWER OWNER:

MANAGED BY: VERIZON WIRELESS
 MANAGER: OMA SAMIAM
 SITE NUMBER: 141566

DATE	DESCRIPTION	BY
05/24/10	DESIGNED FOR BOTT. REVIEW	A
05/27/10	CHECKED FOR BOTT. REVIEW	B
05/27/10	DESIGNED FOR BOTT. REVIEW	C
05/27/10	CHECKED FOR BOTT. REVIEW	D
05/27/10	DESIGNED FOR BOTT. REVIEW	E
05/27/10	CHECKED FOR BOTT. REVIEW	F

SITE NAME:

OMA SAMIAM

SITE NUMBER:

141566

SITE ADDRESS:

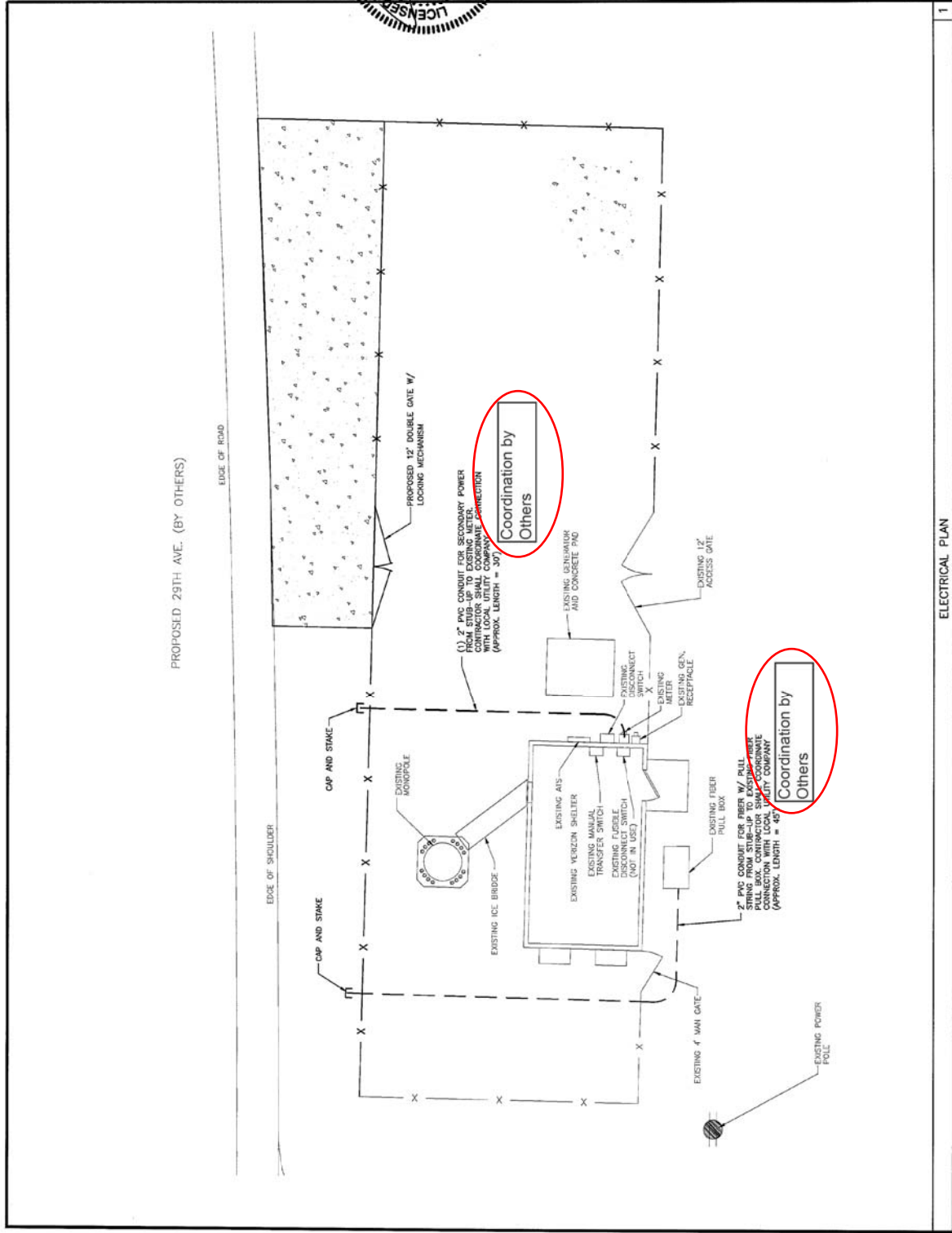
260 29TH AVENUE
 COUNCIL BLUFFS, IOWA 51501

SHEET DESCRIPTION:

OVERALL SITE
 UTILITY PLAN

SHEET NUMBER:

E-1



DESIGN TEAM: Skogerboe\Strum\Brinkman\Janus

PROJECT NUMBER: IM-NHS-080-1(370)4--03-78

COUNTY: POTTAWATTAMIE

SHEET NUMBER: U.15

DATE: 4/28/2014

TIME: 9:56:04 AM

FILE: pw\project\ise-doc\intc\lan\p\Main\Documents\Projects\780290\1004\Design\LETTING_FOLDERS\370_SECTION_3\78080370001.sht



PLANS PREPARED BY:
 9909 West 100th Street, Suite 300
 Overland Park, Kansas 66210
 Phone: 913-458-7700
 Fax: 913-458-7777



ENGINEERING LICENSE:
 MICHAEL OWEN, P.E.
 No. 11001
 My Expiration Renewal Date is 01/31/2015
 My License was issued by the State of Kansas on 01/31/2014
 My License No. is 11001
 My License Category is Professional Engineer
 My License Class is Professional Engineer
 My License Status is Active



PROJECT NO: 1004
 SHEET NO: E-3

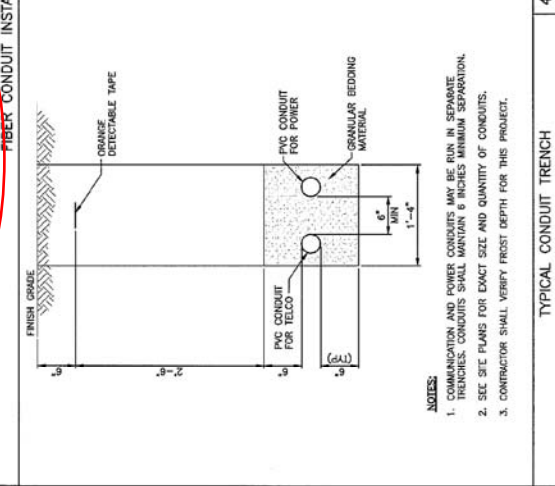
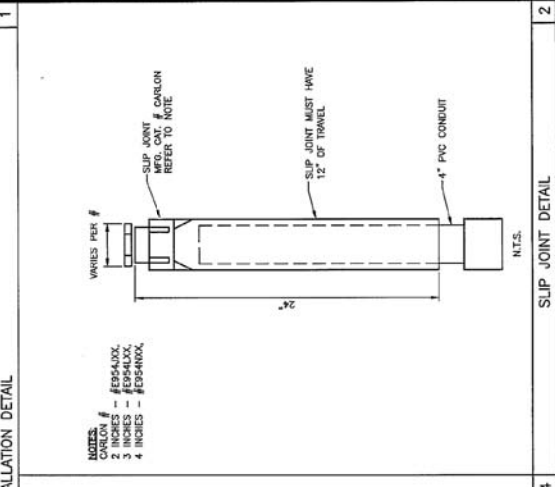
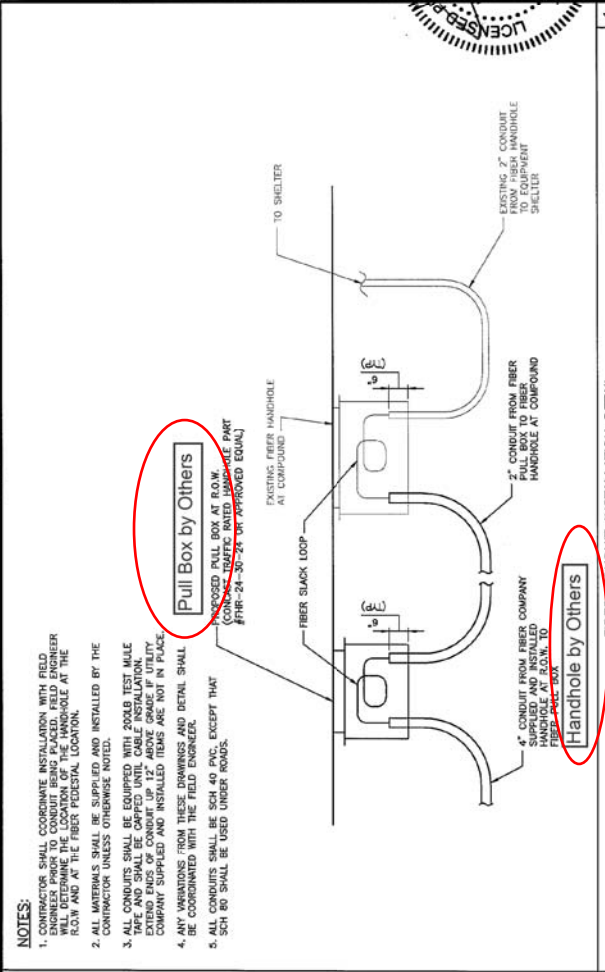
TOWNSHIP OFFICER:
 GRANTED BY VERIZON WIRELESS
 MANAGED BY VERIZON WIRELESS
 SITE NAME: OMA SAMMIAM
 SITE NUMBER: 141566

REVISION	DESCRIPTION	DATE	BY
1	ISSUED FOR DPT. REVIEW	01/21/14	OS
2	ISSUED FOR DPT. REVIEW	01/21/14	OS
3	ISSUED FOR DPT. REVIEW	01/21/14	OS
4	ISSUED FOR DPT. REVIEW	01/21/14	OS

SITE NAME: OMA SAMMIAM
 SITE NUMBER: 141566

SITE ADDRESS: 260 29TH AVENUE
 COUNCIL BLUFFS, IOWA 51501

SHEET DESCRIPTION: UTILITY DETAILS
 SHEET NUMBER: E-3



DESIGN TEAM: Skogerboe, Strum, Brinkman, Janus
 COUNTY: POTTAWATTAMIE
 PROJECT NUMBER: IM-NHS-080-1(370)4--03-78
 SHEET NUMBER: U.17