

# A d d e n d u m

Iowa Department of Transportation  
Office of Contracts

Date of Letting: January 20, 2016  
Date of Addendum: December 23, 2015

<b>B.O.</b>	<b>Proposal ID</b>	<b>Proposal Work Type</b>	<b>County</b>	<b>Project Number</b>	<b>Addendum</b>
304	79-0212-022	SLIDE REPAIR	POWESHIEK	STPN-021-2(22)--2J-79	20JAN304.A01

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

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Make the following changes to the PROPOSAL SCHEDULE OF PRICES:

Add Proposal Line No. 0085 2125-2225050 RESHAPING DITCHES; 2.000 STA.

Add Proposal Line No. 0112 2416-0100024 APRONS, CONCRETE, 24 IN. DIA.; 3.000 EACH

Add Proposal Line No. 0114 2416-0100030 APRONS, CONCRETE, 30 IN. DIA.; 1.000 EACH

Add Proposal Line No. 0116 2416-1180024 CULVERT, CONCRETE ROADWAY PIPE, 24  
IN. DIA.; 36.000 LF

Add Proposal Line No. 0117 2416-1180030 CULVERT, CONCRETE ROADWAY PIPE, 30  
IN. DIA.; 12.000 LF

Add Proposal Line No. 0118 2416-1262024 CULVERT, CONC. PIPE, 2000D, TRENCHLESS,  
24 IN. DIA.; 84.000 LF

Add Proposal Line No. 0135 2506-4984000 FLOWABLE MORTAR; 7.100 CY

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

Make the following changes to the PLAN ATTACHMENT SHEETS for Project #  
STPN-21-2(22)--2J-79:

Replace SHEETS C.1, C.2, C.5, D.3, W.13 with the attached SHEETS C.1, C.2, C.5, D.3, W.13.

Division 1: Site 1 - 100% State Funded  
Division 2: Site 2 - 100% State Funded  
Division 3: Site 3 - 100% State Funded

### ESTIMATED PROJECT QUANTITIES (UP TO A 5 DIVISION PROJECT)

Item No.	Item Code	Item	Unit	Estimated					Quantities								
				Division 1	Division 2	Division 3	Division 4	Division 5	Division 1	Division 2	Division 3	Division 4	Division 5				
1	2101-0859002	CLEARING AND GRUBBING	UNIT	132								132					
2	2102-2625000	EMBANKMENT-IN-PLACE	CY	2,945.0								2,945.0					
3	2102-2718070	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	2,259.0								2,259.0					
4	2102-2718070	EXCAVATION, CLASS 10, Boulders or rock fragments	CY		116.0							29.5					
5	2102-2712015	EXCAVATION, CLASS 12	CY								76.0						
6	2105-8025015	TOPSOIL, STRIP, SALVAGE AND SPREAD	CY	5.0								5.0					
7	2107-3825025	GRANULAR MATERIAL FOR BLANKET AND SUBDRAIN	CY	1,213.0								1,213.0					
8	2121-7425020	GRANULAR SHOULDERS, TYPE B	TON	280.4								280.4					
9	2125-2225050	RESHAPING DITCHES	STA		0.50						1.50						
10	2210-0475250	MICADAM STONE BASE	TON		73.0						48.0						
11	2402-2720100	EXCAVATION, CLASS 20, FOR SHOULDER MATERIAL	CY	13.40							108.0						
12	2402-2720100	EXCAVATION, CLASS 20, FOR ROADWAY PIPE CULVERT	CY		1						3						
13	2416-0100024	APRONS, CONCRETE, 24 IN. DIA.	EACH							2							
14	2416-0100030	APRONS, CONCRETE, 30 IN. DIA.	EACH							1							
15	2416-1180024	CULVERT, CONCRETE ROADWAY PIPE, 24 IN. DIA.	LF		18					18							
16	2416-1180030	CULVERT, CONCRETE ROADWAY PIPE, 30 IN. DIA.	LF							12							
17	2416-2625024	CULVERT, CONCRETE PIPE, 20800, TRENCHLESS, 24 IN. DIA.	LF							84							
18	2502-8221304	SUBDRAIN OUTLET (BACKSLOPE) 4 IN. DIA.	EACH	850.0													
19	2502-8221304	SUBDRAIN OUTLET, BR-304	EACH	4													
20	2506-4984000	FLOWABLE MORTAR	CY							7.1							
21	2507-3229005	ENGINEERING FABRIC	SY		242.7					256.4							
22	2507-6800061	REVEEMENT, CLASS E	TON		29.0					98.0							
23	2507-6929000	EROSION STONE	TON		104.0					99.0							
24	2528-8645110	TRAFFIC CONTROL	LS	0.50						0.25							
25	2533-4980005	MOBILIZATION	LS	0.50						0.25							
26	2533-4980005	MOBILIZATION	LS	0.50						0.25							
27	2601-2634100	MULCHING	ACRE	1.3						1.3							
28	2601-2636015	NATIVE GRASS SEEDING	ACRE	0.2						0.2							
29	2601-2636043	SEEDING AND FERTILIZING (RURAL)	ACRE	0.2						0.2							
30	2601-2638352	SLOPE PROTECTION, WOOD EXCELSTOR MAT	SQ	495.2						495.2							
31	2601-2642100	STABILIZING CROP - SEEDING AND FERTILIZING	ACRE	1.3						1.3							
32	2601-2643300	STABILIZING CROP - DITCH CONTROL, ON SLOPE PROTECTION	ACRE	3.00						3.00							
33	2601-2643300	MOBILIZATION FOR WATERING	EACH	3						3							
34	2602-0000312	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 12 IN. DIA.	LF	600.0						600.0							
35	2602-0000320	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 20 IN. DIA.	LF	600.0						600.0							
36	2602-0000350	REMOVAL OF PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE	LF	1,200.0						1,200.0							
37	2602-0010010	MOBILIZATIONS, EROSION CONTROL	EACH	1						1							
38	2602-0010020	MOBILIZATIONS, EMERGENCY EROSION CONTROL	EACH	1						1							

100-1D  
10-10-05

### PROJECT DESCRIPTION

This project involves slide repairs at three sites; all proposed work shall be done within existing state right of way.

**Site 1 -** (Slide Repair at WB I-80 Exit Ramp to IA 21 from Sta. 5223+50 to Sta. 5227+50 Lt.)  
Work at this site involves one slide with a length of about 125 feet and a second slide (Just west of the larger slide) that is approximately 100 feet long. Work includes shoulder and adding Type 'B' granular material, foreslope benching and reconstruction of the foreslope, erosion control items.

**Site 2 -** (Slide Repair on IA 21 on the East foreslope, approximately 0.25 mi. south of US 6, at Sta. 1218+40)  
Work at this site involves foreslope benching, reconstruction of the foreslope, removing the existing apron and 2 sections of pipe, installing 3 new pipe sections and 1 apron with pipe connectors, Class 10 excavation to backfill erosion area, installing engineering fabric and Class 'E' reveement, erosion control items.

**Site 3 -** (Slide Repair at IA 21 and US 6 intersection near IA 21 Sta. 1230+00 on the east and west sides.)  
Work at this site involves three cross road pipes. Work under/ along IA 21 includes: jacking a new culvert, adding a dike, removal of old CMP connection and plugging and abandoning the existing culvert, erosion control items. Work along US 6 includes: culvert work to remove the CMP inlet extension, extending with RCP, foreslope repairs, ditch reshaping, erosion control items.

100-4A  
10-29-02

**ESTIMATE REFERENCE INFORMATION**

Item No.	Item Code	Description
1	2101-0850002	CLEARING AND GRUBBING See tabulation 110-17 on sheet C.3.
2	2102-2625000	EMBANKMENT-IN-PLACE See sheet Q.1 and Dike on site 3.
3	2102-2710070	EXCAVATION, CLASS 10, ROADWAY AND BORROW Contractor shall provide all project borrow needs. See sheet Q.1 & proposed Dike on Tab. 104-3 sheet C.5.
4	2102-2710090	EXCAVATION, CLASS 10, WASTE See sheets Q.2-Q.3.
5	2102-2712015	EXCAVATION, CLASS 12, Boulders OR ROCK FRAGMENTS A. Refer to Tab. 103-7 on sheet C5.1. B. Excess material according to Article 1106.07 of the current specifications.
6	2105-8425015	TOPSOIL, STRIP, SALVAGE AND SPREAD See sheet Q.1.
7	2107-3825025	GRANULAR MATERIAL FOR BLANKET AND SUBDRAIN See sheet Q.1.
8	2121-7425020	GRANULAR SHOULDERS, TYPE B See Typical 7135 sheet B.1.
9	2125-2225050	RESHAPING DITCHES See tabulation 104-3 notes on sheet C.5, sheets D.2-D.3 and W sheets.
10	2210-0475290	MACADAM STONE BASE See sheets Q.2-Q.3.
11	2214-7450050	BLADING AND SHAPING SHOULDER MATERIAL For use on north shoulder of exit ramp at Site 1 between Sta. 5221+00 and Sta. 5234+40; see typical 7135 on sheet B.1.
12	2402-2720100	EXCAVATION, CLASS 20, FOR ROADWAY PIPE CULVERT
13	2416-0100024	APRONS, CONCRETE, 24 IN. DIA.
14	2416-0100030	APRONS, CONCRETE, 30 IN. DIA.
15	2416-1180024	CULVERT, CONCRETE ROADWAY PIPE, 24 IN. DIA.
16	2416-1180030	CULVERT, CONCRETE ROADWAY PIPE, 30 IN. DIA.
17	2416-1262024	CULVERT, CONCRETE PIPE, 20000, TRENCHLESS, 24 IN. DIA. See tabulation 104-3 notes on sheet C.5, sheets D.2-D.3 and W sheets.
18	2502-8212024	SUBDRAIN, LONGITUDINAL, (BACKSLOPE) 4 IN. DIA.
19	2502-8221304	SUBDRAIN OUTLET, DR-304 See tabulation 104-9 on sheet C5.1, sheet Q.1 and W sheets.
20	2506-4980000	FLOWABLE MORTAR See tabulation 104-3 notes on sheet C.5, sheets D.2-D.3 and W sheets.
21	2507-3250005	ENGINEERING FABRIC Refer to Tab. 100-23 on sheet C.5; sheets Q.2-Q.3 and W sheets.
22	2507-6800061	REVEEMENT, CLASS E See tabulation 100-23 sheet C.5.
23	2507-8029000	EROSION STONE See sheets Q.2-Q.3 and W sheets.
24	2528-8445110	TRAFFIC CONTROL Refer to Traffic Control Plan on Sheet J.1.
25	2528-8445113	FLAGGERS
26	2533-4980005	MOBILIZATION
27	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 Noxious 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.

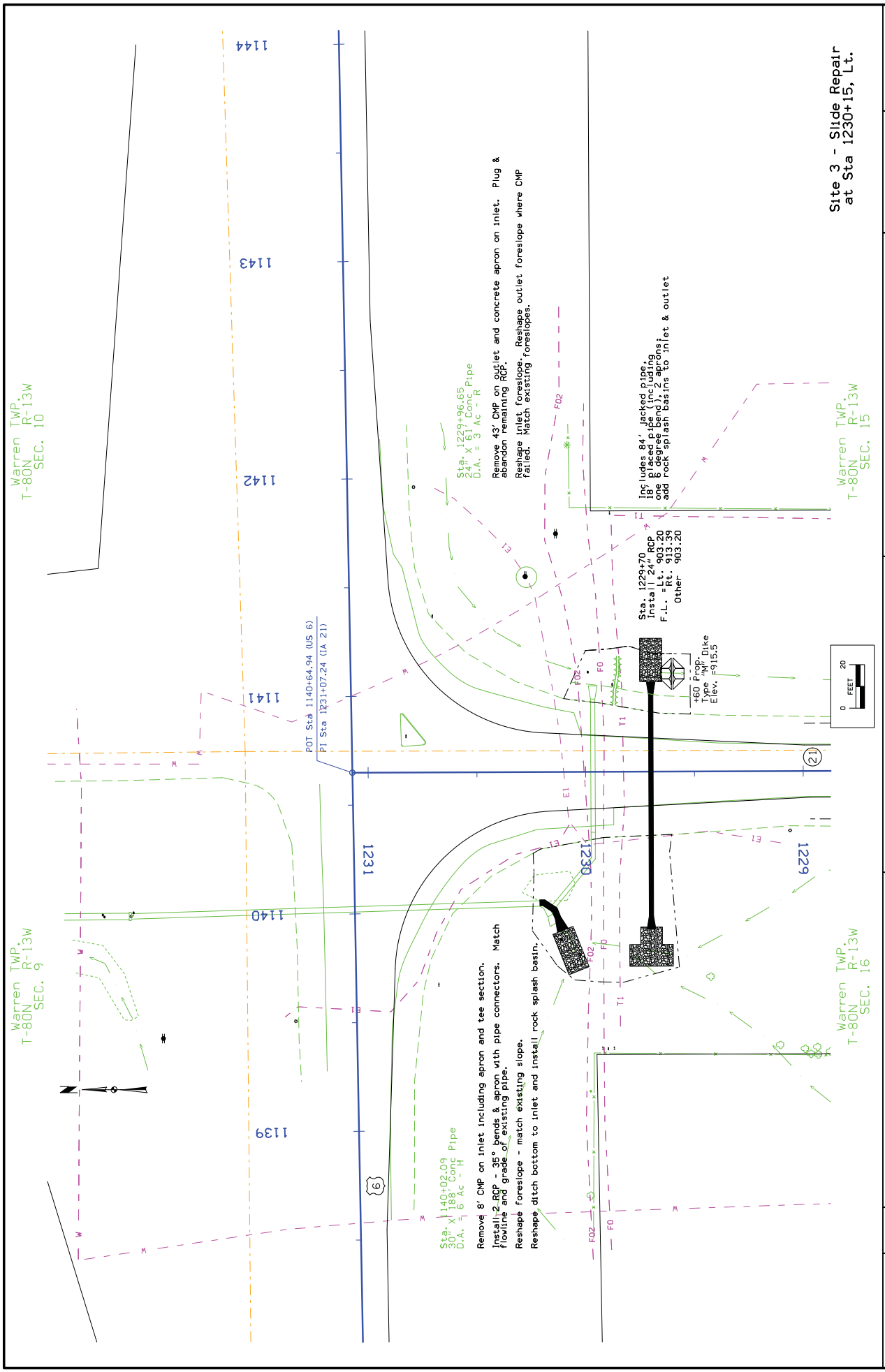
100-4A  
10-29-02

**ESTIMATE REFERENCE INFORMATION**

Item No.	Item Code	Description
28	2601-2636015	NATIVE GRASS SEEDING All areas outside eight feet adjacent to shoulder shall be seeded with "Native Grass Seeding". All seed for "Native Grass Seeding" will be supplied and mixed by the contractor according to Article 2601.03, B, 4, c and installed according to Article 2601.03, C, 5. All for seed will be applied through the native grass drill/widowflower or small seed box. For 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. Drill shall be calibrated prior to operation at the project site to the specified seeding rate for the project and witnessed by the contracting authority. The Engineer will review the limits prior to seeding with the Contractor.
29	2601-2636043	SEEDING AND FERTILIZING (RURAL) All areas 8 foot adjacent to the shoulder mainline and side roads shall be seeded and fertilizer per Article 2601.03, C, 3.
30	2601-2638352	All seed and fertilizer for shall be applied with ground driven equipment. SLOPE PROTECTION, WOOD EXCELISOR MAT Refer to Tab 100-22 on sheet C.5 for Locations. Refer to Standard Road Plan EC-103. Prepare seedbed according to Article 2601.03, B, 4 and seed according to Table 2601.03-7. Slope Protection will be required to be constructed out of wood excelsior. STABILIZING CROP - SEEDING AND FERTILIZING Included for disturbed areas as directed by the Engineer.
31	2601-2642100	All rural disturbed areas shall be seeded and fertilizer per Article 2601.03, C, 1.
32	2601-2643110	WATERING FOR SOO. SPECIAL DITCH CONTROL OR SLOPE PROTECTION Estimate based on four waterings of the Slope Protection at a rate of 50 gallons per square. The contractor shall water the required areas no later than the day following placement of the TRM. If the Contractor fails to water by the second day following placement, a price adjustment will be assessed at a rate of \$200.00 per calendar day until the watering has been completed. Additional waterings will be required at intervals of 5 to 8 calendar days. Perform all waterings unless notified by the Engineer in writing at least 1 calendar day prior to the day the watering is to occur. If the Contractor fails to complete the watering before the 8th calendar day has elapsed a price adjustment will be assessed at a rate of \$200.00 per calendar day, beginning on the 9th day, until the watering is completed.
33	2601-2643300	MOBILIZATION FOR WATERING
34	2602-0000312	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 12 IN. DIA. Item is included for temporary perimeter sediment control, inlet protection, and water velocity reduction on slopes or ditches at locations to be determined during construction. Verify specific locations with the Engineer prior to beginning placement. Perimeter and Slope Sediment Control Devices will be required to be constructed out of wood excelsior.
35	2602-0000320	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 20 IN. DIA. Item is included for temporary perimeter sediment control, inlet protection, and water velocity reduction on slopes or ditches at locations to be determined during construction. Verify specific locations with the Engineer prior to beginning placement.
36	2602-0000350	REMOVAL OF PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE Included for removal of perimeter and sediment control devices. All material shall become the property of the contractor and removed from the project within 24 hours.
37	2602-0010010	MOBILIZATIONS, EROSION CONTROL
38	2602-0010020	MOBILIZATIONS, EMERGENCY EROSION CONTROL

Changed By Addenda





Warren TWP.  
T-80N R-13W  
SEC. 10

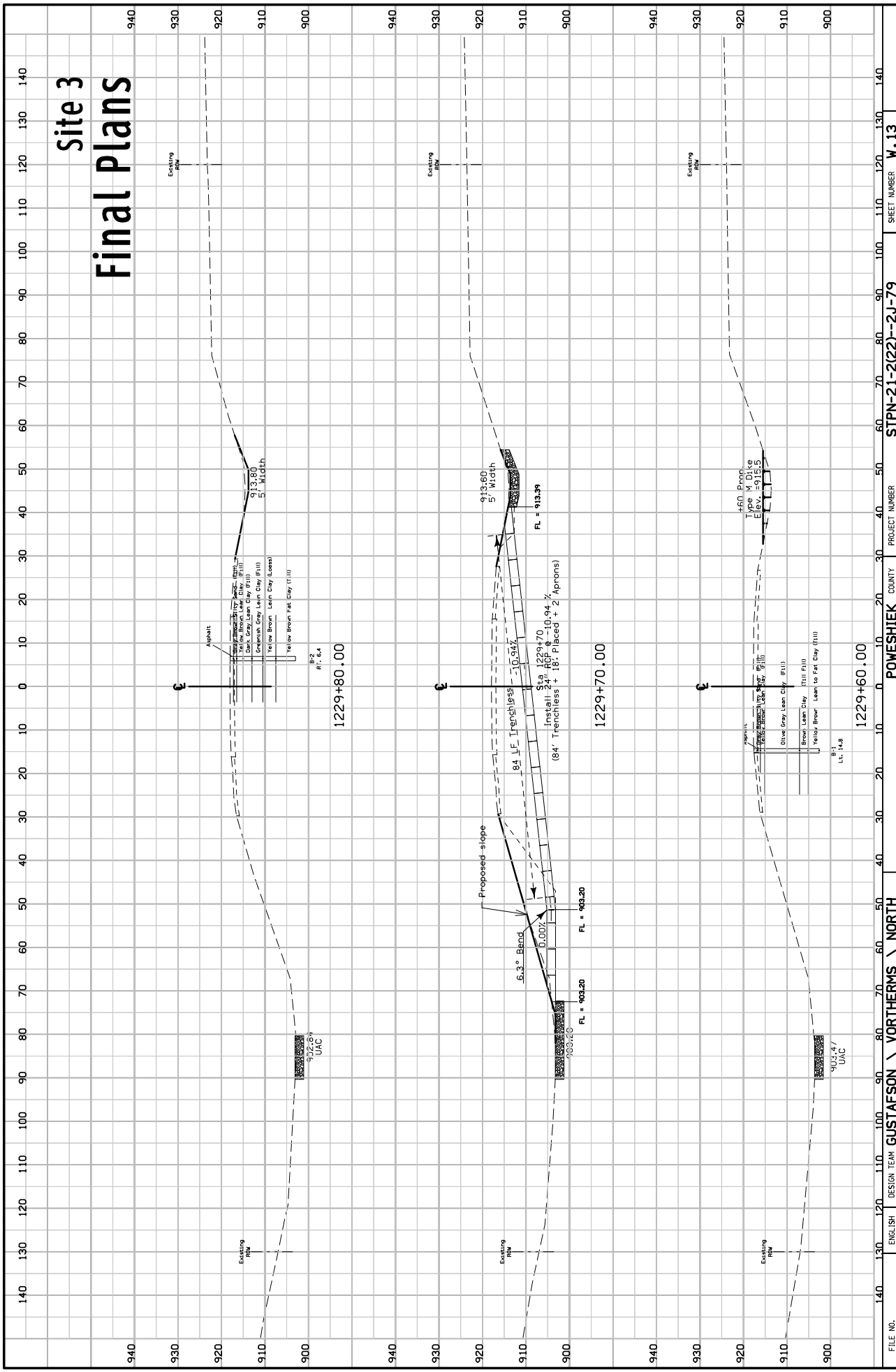
Warren TWP.  
T-80N R-13W  
SEC. 15

Warren TWP.  
T-80N R-13W  
SEC. 9

Warren TWP.  
T-80N R-13W  
SEC. 16

FILE NO.	ENGLISH	DESIGN TEAM	COUNTY	PROJECT NUMBER	SHEET NUMBER
3:49:12 PM 12/21/2015	rinorth	GUSTAFSON \ NORTH	POMESHIEK	SIPN-21-2(22)--2J-79	D.3
<p>Changed by Addenda</p>					

# Site 3 Final Plans



FILE NO.	ENGLISH	DESIGN TEAM	GUSTAFSON	NORTH	POMESHIEK	COUNTY	STPN-21-2(22)-2J-79	PROJECT NUMBER	SHEET NUMBER	W.13
7:10:32 AM	12/22/2015	rinorth	pww\projectwise-dol.mt.lan\pww\Main\Documents\Projects\7902101015\DistrictDesign\79021022-d01.sht		COURTESY BY: <i>ESSENCE</i>					