



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

October 30, 2013

SUBJECT: FAP Route 308(IL 84)
Project ACNHPP-0308(042)
Section 103BR-4
JoDaviess County
Contract No. 64E08
Item No. 17, November 8, 2013 Letting
Addendum A

NOTICE TO PROSPECTIVE BIDDERS:

Attached is an addendum to the plans or proposal. This addendum involves revised and/or added material.

1. Replaced the Schedule of Prices.
2. Revised pages ii & iii of the Table of Contents to the Special Provisions.
3. Revised pages 165-168 of the Special Provisions.
4. Added pages 223 to the Special Provisions.
5. Revised sheets 4 & 14 of the Plans.

Prime contractors must utilize the enclosed material when preparing their bid and must include any Schedule of Prices changes in their bidding proposal.

Bidders using computer-generated bids are cautioned to reflect any and all Schedule of Prices changes, if involved, into their computer programs.

Very truly yours,

John D. Baranzelli, P.E.
Acting Engineer of Design and Environment

A handwritten signature in cursive script, appearing to read "Ted B. Walschleger" followed by a small "P.E." to the right.

By: Ted B. Walschleger, P. E.
Engineer of Project Management

cc: John Fortmann, Region 1, District 1; Tim Kell; D. Carl Puzey; Estimates

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER -

64E08

State Job # - C-92-139-12

County Name - JODAVIESS- -
 Code - 85 - -
 District - 2 - -
 Section Number - 103BR-4

Project Number
 ACNHPP-0308/042/

Route
 FAP 308

* REVISED: OCTOBER 29, 21013

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
XZ127900	RETAINING WALL REMOV	FOOT	48.000				
X0322024	TRENCH DRAIN	EACH	1.000				
X0322463	CONN TO EXIST SEWER	EACH	3.000				
X0322464	ABAN FILL EX SAN MAN	EACH	1.000				
X0322936	REMOV EX FLAR END SEC	EACH	3.000				
X0324455	DRILL/SET SOLD P SOIL	CU FT	574.000				
X0324456	DRILL/SET SOLD P ROCK	CU FT	172.000				
X0324769	SAN SEW LIFT STATION	L SUM	1.000				
X0325379	DIRECTIONAL BORING	FOOT	256.000				
X0325670	CONC BR RL SDWLK MNTD	FOOT	507.000				
X0325862	CONC BR RAILING	FOOT	70.000				
X0326712	ABAN FILL EX SAN SEW	EACH	3.000				
X0327227	GATE VLVE 8 W/VLT BOX	EACH	4.000				
X0327357	CONSTRN VBRN MONITRNG	L SUM	1.000				
X0327512	SANITARY FORCE MAIN 4	FOOT	256.000				

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X4400110	TEMP PAVT REMOVAL	SQ YD	106.000				
X5510100	STORM SEWER REMOVAL	FOOT	508.000				
X5610014	EXIST WTR MAIN REPAIR	EACH	1.000				
X5860110	GRANULAR BACKFILL STR	CU YD	298.000				
X6022810	MAN SAN 4 DIA T1F CL	EACH	3.000				
X6024240	INLETS SPL	EACH	12.000				
X6024244	INLETS SPL N2	EACH	3.000				
X6026054	SAN MAN REMOVED	EACH	1.000				
Z0001900	ASB BEARING PAD REMOV	EACH	68.000				
Z0004552	APPROACH SLAB REM	SQ YD	108.000				
Z0007118	UNTREATED TIMBER LAG	SQ FT	229.000				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000				
Z0018002	DRAINAGE SCUPPR DS-11	EACH	4.000				
Z0026403	FUR SOLDIER PILES BU	FOOT	18.000				
Z0026404	FUR SOLDIER PILES WS	FOOT	99.000				

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Z0046304	P UNDR FOR STRUCT 4	FOOT	338.000				
Z0056608	STORM SEW WM REQ 12	FOOT	35.000				
Z0056610	STORM SEW WM REQ 15	FOOT	153.000				
Z0056900	SAN SEW 8	FOOT	455.000				
Z0062456	TEMP PAVEMENT	SQ YD	356.000				
Z0073002	TEMP SOIL RETEN SYSTM	SQ FT	816.000				
Z0073100	TEMP SHORING	EACH	2.000				
Z0073500	TEMP SUPPORT SYSTEM	L SUM	1.000				
Z0075496	CONC RETAIN WALL REM	FOOT	11.000				
20200100	EARTH EXCAVATION	CU YD	805.000				
20300100	CHANNEL EXCAVATION	CU YD	1,882.000				
20800150	TRENCH BACKFILL	CU YD	285.000				
21101615	TOPSOIL F & P 4	SQ YD	1,490.000				
25200110	SODDING SALT TOLERANT	SQ YD	1,490.000				
25200200	SUPPLE WATERING	UNIT	6.000				

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28000250	TEMP EROS CONTR SEED	POUND	40.000				
28000305	TEMP DITCH CHECKS	FOOT	20.000				
28000400	PERIMETER EROS BAR	FOOT	887.000				
28000510	INLET FILTERS	EACH	22.000				
28100109	STONE RIPRAP CL A5	SQ YD	488.000				
28200200	FILTER FABRIC	SQ YD	1,341.000				
28401700	SLOPE MATTRESS 24	SQ YD	853.000				
30300124	AGG SUBGRADE IMPR 24	SQ YD	1,054.000				
35400450	PCC BASE CSE W 9.5	SQ YD	17.000				
40200100	AGG SURF CSE A	TON	116.000				
40600625	LEV BIND MM N50	TON	44.000				
40600982	HMA SURF REM BUTT JT	SQ YD	80.000				
40600990	TEMPORARY RAMP	SQ YD	88.000				
40603310	HMA SC "C" N50	TON	54.000				
40701871	HMA PAVT FD 9 1/2	SQ YD	830.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
42001430	BR APPR PVT CON (FLX)	SQ YD	16.000				
42300300	PCC DRIVEWAY PAVT 7	SQ YD	163.000				
42400200	PC CONC SIDEWALK 5	SQ FT	3,386.000				
42400800	DETECTABLE WARNINGS	SQ FT	52.000				
44000100	PAVEMENT REM	SQ YD	1,263.000				
44000155	HMA SURF REM 1 1/2	SQ YD	331.000				
44000200	DRIVE PAVEMENT REM	SQ YD	30.000				
44000400	GUTTER REM	FOOT	388.000				
44000500	COMB CURB GUTTER REM	FOOT	225.000				
44000600	SIDEWALK REM	SQ FT	3,952.000				
44004000	PAVED DITCH REMOVAL	FOOT	27.000				
44004250	PAVED SHLD REMOVAL	SQ YD	584.000				
48203023	HMA SHOULDERS 6 1/2	SQ YD	174.000				
50100100	REM EXIST STRUCT	EACH	1.000				
50200100	STRUCTURE EXCAVATION	CU YD	1,050.000				

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50300100	FLOOR DRAINS	EACH	20.000				
50300225	CONC STRUCT	CU YD	348.200				
50300255	CONC SUP-STR	CU YD	569.000				
50300260	BR DECK GROOVING	SQ YD	1,190.000				
50300300	PROTECTIVE COAT	SQ YD	2,080.000				
50500105	F & E STRUCT STEEL	L SUM	1.000				
50500505	STUD SHEAR CONNECTORS	EACH	3,918.000				
50800105	REINFORCEMENT BARS	POUND	7,350.000				
50800205	REINF BARS, EPOXY CTD	POUND	203,420.000				
50800515	BAR SPLICERS	EACH	1,455.000				
50901750	PARAPET RAILING	FOOT	45.000				
51500100	NAME PLATES	EACH	2.000				
51602000	PERMANENT CASING	FOOT	35.000				
51603000	DRILLED SHAFT IN SOIL	CU YD	32.800				
51604000	DRILLED SHAFT IN ROCK	CU YD	40.600				

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52000110	PREF JT STRIP SEAL	FOOT	101.000				
52100010	ELAST BEARING ASSY T1	EACH	12.000				
52100520	ANCHOR BOLTS 1	EACH	24.000				
52100530	ANCHOR BOLTS 1 1/4	EACH	12.000				
54213660	PRC FLAR END SEC 15	EACH	3.000				
550A0050	STORM SEW CL A 1 12	FOOT	15.000				
550A0340	STORM SEW CL A 2 12	FOOT	118.000				
550A0360	STORM SEW CL A 2 15	FOOT	147.000				
550A2520	SS RG CL A 2 12	FOOT	43.000				
58700300	CONCRETE SEALER	SQ FT	1,401.000				
59100100	GEOCOMPOSITE WALL DR	SQ YD	187.000				
60107600	PIPE UNDERDRAINS 4	FOOT	36.000				
60240215	INLETS TB T1F CL	EACH	1.000				
60255500	MAN ADJUST	EACH	1.000				
60265700	VV ADJUST	EACH	5.000				

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60500060	REMOV INLETS	EACH	7.000				
60603800	COMB CC&G TB6.12	FOOT	121.000				
60605000	COMB CC&G TB6.24	FOOT	676.000				
66700305	PERM SURV MKRS T2	EACH	2.000				
*ADD 66900200	NON SPL WASTE DISPOSL	CU YD	1,500.000				
*ADD 66900450	SPL WASTE PLNS/REPORT	L SUM	1.000				
*ADD 66900530	SOIL DISPOSAL ANALY	EACH	4.000				
67000400	ENGR FIELD OFFICE A	CAL MO	12.000				
67100100	MOBILIZATION	L SUM	1.000				
*ADD 67201100	SEAL ABAN MONIT WELLS	EACH	8.000				
70100100	TRAF CONT-PROT 701316	EACH	1.000				
70100405	TRAF CONT-PROT 701321	EACH	1.000				
70100500	TRAF CONT-PROT 701326	L SUM	1.000				
70102620	TR CONT & PROT 701501	L SUM	1.000				
70102640	TR CONT & PROT 701801	L SUM	1.000				

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70103815	TR CONT SURVEILLANCE	CAL DA	25.000				
70106500	TEMP BR TRAF SIGNALS	EACH	1.000				
70106800	CHANGEABLE MESSAGE SN	CAL MO	24.000				
70300100	SHORT TERM PAVT MKING	FOOT	238.000				
70300220	TEMP PVT MK LINE 4	FOOT	6,182.000				
70300280	TEMP PVT MK LINE 24	FOOT	96.000				
70301000	WORK ZONE PAVT MK REM	SQ FT	2,259.000				
70400100	TEMP CONC BARRIER	FOOT	762.500				
70400200	REL TEMP CONC BARRIER	FOOT	325.000				
70600240	IMP ATTN TEMP NRD TL2	EACH	2.000				
70600340	IMP ATTN REL NRD TL2	EACH	2.000				
72000100	SIGN PANEL T1	SQ FT	9.000				
72800100	TELES STL SIN SUPPORT	FOOT	11.000				
78001110	PAINT PVT MK LINE 4	FOOT	7,954.000				
78001130	PAINT PVT MK LINE 6	FOOT	482.000				

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78001180	PAINT PVT MK LINE 24	FOOT	44.000				
78300100	PAVT MARKING REMOVAL	SQ FT	732.000				
78300200	RAISED REF PVT MK REM	EACH	11.000				
81028350	UNDRGRD C PVC 2	FOOT	326.000				
81200230	CON EMB STR 2 PVC	FOOT	576.000				
81702300	EC C XLP USE 2-1C 4	FOOT	919.000				
84200500	REM LT UNIT SALV	EACH	8.000				

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Revised 10/30/13

REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES

Revise Article 669.01 of the Standard Specifications to read:

“669.01 Description. This work shall consist of the transportation and proper disposal of contaminated soil and water. This work shall also consist of the removal, transportation, and proper disposal of underground storage tanks (UST), their content and associated underground piping to the point where the piping is above the ground, including determining the content types and estimated quantities.”

Revise Article 669.08 of the Standard Specifications to read:

“669.08 Contaminated Soil and/or Groundwater Monitoring. The Contractor shall hire a qualified environmental firm to monitor the area containing the regulated substances. The affected area shall be monitored with a photoionization detector (PID) utilizing a lamp of 10.6eV or greater or a flame ionization detector (FID). Any field screen reading on the PID or FID in excess of background levels indicates the potential presence of contaminated material requiring handling as a non-special waste, special waste, or hazardous waste. No excavated soils can be taken to a clean construction and demolition debris (CCDD) facility or an uncontaminated soil fill operation with detectable PID or FID meter readings that are above background. The PID or FID meter shall be calibrated on-site and background level readings taken and recorded daily. All testing shall be done by a qualified engineer/technician. Such testing and monitoring shall be included in the work. The Contractor shall identify the exact limits of removal of non-special waste, special waste, or hazardous waste. All limits shall be approved by the Engineer prior to excavation. The Contractor shall take all necessary precautions.

Based upon the land use history of the subject property and/or PID or FID readings indicating contamination, a soil or groundwater sample shall be taken from the same location and submitted to an approved laboratory. Soil or groundwater samples shall be analyzed for the contaminants of concern, including pH, based on the property's land use history or the parameters listed in the maximum allowable concentration (MAC) for chemical constituents in uncontaminated soil established pursuant to Subpart F of 35 Illinois Administrative Code 1100.605. The analytical results shall serve to document the level of soil contamination. Soil and groundwater samples may be required at the discretion of the Engineer to verify the level of soil and groundwater contamination.

Samples shall be grab samples (not combined with other locations). The samples shall be taken with decontaminated or disposable instruments. The samples shall be placed in sealed containers and transported in an insulated container to the laboratory. The container shall maintain a temperature of 39 °F (4 °C). All samples shall be clearly labeled. The labels shall indicate the sample number, date sampled, location and elevation, and any other observations.

The laboratory shall use analytical methods which are able to meet the lowest appropriate practical quantitation limits (PQL) or estimated quantitation limit (EQL) specified in "Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods", EPA Publication No. SW-846 and "Methods for the Determination of Organic Compounds in Drinking Water", EPA, EMSL, EPA-600/4-88/039. For parameters where the specified cleanup objective is below the acceptable detection limit (ADL), the ADL shall serve as the cleanup objective. For other parameters the ADL shall be equal to or below the specified cleanup objective.”

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Replace the first two paragraphs of Article 669.09 of the Standard Specifications with the following:

“669.09 Contaminated Soil and/or Groundwater Management and Disposal. The management and disposal of contaminated soil and/or groundwater shall be according to the following:

- (a) Soil Analytical Results Exceed Most Stringent MAC. When the soil analytical results indicate that detected levels exceed the most stringent maximum allowable concentration (MAC) for chemical constituents in uncontaminated soil established pursuant to Subpart F of 35 Illinois Administrative Code 1100.605, the soil shall be managed as follows:
 - (1) When analytical results indicate chemical constituents exceed the most stringent MAC but they are still considered within area background levels by the Engineer, the excavated soil can be utilized within the construction limits as fill, when suitable. Such soil excavated for storm sewers can be placed back into the excavated trench as backfill, when suitable, unless trench backfill is specified. If the soils cannot be utilized within the construction limits, they shall be managed and disposed of off-site as a non-special waste, special waste, or hazardous waste as applicable.
 - (2) When analytical results indicate chemical constituents exceed the most stringent MAC but do not exceed the MAC for a Metropolitan Statistical Area (MSA) County, the excavated soil can be utilized within the construction limits as fill, when suitable, or managed and disposed of off-site as “uncontaminated soil” at a CCDD facility or an uncontaminated soil fill operation within an MSA County provided the pH of the soil is within the range of 6.25 - 9.0, inclusive.
 - (3) When analytical results indicate chemical constituents exceed the most stringent MAC but do not exceed the MAC for an MSA County excluding Chicago, or the MAC within the Chicago corporate limits, the excavated soil can be utilized within the construction limits as fill, when suitable, or managed and disposed of off-site as “uncontaminated soil” at a CCDD facility or an uncontaminated soil fill operation within an MSA County excluding Chicago or within the Chicago corporate limits provided the pH of the soil is within the range of 6.25 - 9.0, inclusive.
 - (4) When analytical results indicate chemical constituents exceed the most stringent MAC but do not exceed the MAC for an MSA County excluding Chicago, the excavated soil can be utilized within the construction limits as fill, when suitable, or managed and disposed of off-site as “uncontaminated soil” at a CCDD facility or an uncontaminated soil fill operation within an MSA County excluding Chicago provided the pH of the soil is within the range of 6.25 - 9.0, inclusive.
 - (5) When the Engineer determines soil cannot be managed according to Articles 669.09(a)(1) through (a)(4) above, the soil shall be managed and disposed of off-site as a non-special waste, special waste, or hazardous waste as applicable.

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- (b) Soil Analytical Results Do Not Exceed Most Stringent MAC. When the soil analytical results indicate that detected levels do not exceed the most stringent MAC but the pH of the soil is less than 6.25 or greater than 9.0, the excavated soil can be utilized within the construction limits or managed and disposed of off-site as “uncontaminated soil” according to Article 202.03. However the excavated soil cannot be taken to a CCDD facility or an uncontaminated soil fill operation.
- (c) Groundwater. When groundwater analytical results indicate the detected levels are above Appendix B, Table E of 35 Illinois Administrative Code 742, the most stringent Tier 1 Groundwater Remediation Objectives for Groundwater Component of the Groundwater Ingestion Route for Class 1 groundwater, the groundwater shall be managed off-site as a special waste.

All groundwater encountered within lateral trenches may be managed within the trench and allowed to infiltrate back into the ground. If the groundwater cannot be managed within the trench it must be removed as a special or hazardous waste. The Contractor is prohibited from managing groundwater within the trench by discharging it through any existing or new storm sewer. The Contractor shall install backfill plugs within the area of groundwater contamination.

One backfill plug shall be placed down gradient to the area of groundwater contamination. Backfill plugs shall be installed at intervals not to exceed 50 ft (15 m). Backfill plugs are to be 4 ft (1.2 m) long, measured parallel to the trench, full trench width and depth. Backfill plugs shall not have any fine aggregate bedding or backfill, but shall be entirely cohesive soil or any class of concrete. The Contractor shall provide test data that the material has a permeability of less than 10^{-7} cm/sec according to ASTM D 5084, Method A or per another test method approved by the Engineer.”

Revise Article 669.14 of the Standard Specifications to read:

“669.14 Final Environmental Construction Report. At the end of the project, the Contractor will prepare and submit three copies of the Environmental Construction Report on the activities conducted during the life of the project, one copy shall be submitted to the Resident Engineer, one copy shall be submitted to the District’s Environmental Studies Unit, and one copy shall be submitted with an electronic copy in Adode.pdf format to the Geologic and Waste Assessment Unit, Bureau of Design and Environment, IDOT, 2300 South Dirksen Parkway, Springfield, Illinois 62764. The technical report shall include all pertinent information regarding the project including, but not limited to:

- (a) Measures taken to identify, monitor, handle, and dispose of soil or groundwater containing regulated substances, to prevent further migration of regulated substances, and to protect workers,
- (b) Cost of identifying, monitoring, handling, and disposing of soil or groundwater containing regulated substances, the cost of preventing further migration of regulated substances, and the cost for worker protection from the regulated substances. All cost should be in the format of the contract pay items listed in the contract plans (identified by the preliminary environmental site assessment (PESA) site number),
- (c) Plan sheets showing the areas containing the regulated substances,
- (d) Field sampling and testing results used to identify the nature and extent of the regulated substances,

Revised 10/30/13

- (e) Waste manifests (identified by the preliminary environmental site assessment (PESA) site number) for special or hazardous waste disposal, and
- (f) Landfill tickets (identified by the preliminary environmental site assessment (PESA) site number) for non-special waste disposal.”

Revise the second paragraph of Article 669.16 of the Standard Specifications to read:

“The transportation and disposal of soil and other materials from an excavation determined to be contaminated will be paid for at the contract unit price per cubic yard (cubic meter) for NON-SPECIAL WASTE DISPOSAL, SPECIAL WASTE DISPOSAL, or HAZARDOUS WASTE DISPOSAL.”

Qualifications. The term environmental firm shall mean an environmental firm with at least five (5) documented leaking underground storage tank (LUST) cleanups or that is pre-qualified in hazardous waste by the Department. Documentation includes but not limited to verifying remediation and special waste operations for sites contaminated with gasoline, diesel, or waste oil in accordance with all Federal, State, or local regulatory requirements and shall be provided to the Engineer for approval. The environmental firm selected shall not be a former or current consultant or have any ties with any of the properties contained within and/or adjacent to this construction project.

General. This Special Provision will likely require the Contractor to subcontract for the execution of certain activities.

All contaminated materials shall be managed as either “uncontaminated soil” or non-special waste. This work shall include monitoring and potential sampling, analytical testing, and management of a material contaminated by regulated substances. The Environmental Firm shall continuously monitor all soil excavation for worker protection and soil contamination. **Phase I Preliminary Engineering information is available through the District’s Environmental Studies Unit.** Soil samples or analysis without the approval of the Engineer will be at no additional cost to the Department. The lateral distance is measured from centerline and the farthest distance is the offset distance or construction limit whichever is less.

The Contractor shall manage any excavated soils and sediment within the following areas:

- Station 317+30 to Station 317+70 0 to 50 feet LT (Whistling Wings, Inc., PESA Site 2606-7, 113 Washington Street). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Aluminum.
- Station 318+00 to Station 318+70 0 to 50 feet LT (Apartment Building, PESA Site 2606-5, 203 Washington Street). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Benzo(a)Pyrene and Manganese.
- Station 320+80 to Station 321+80 0 to 50 feet LT (Apple River, PESA Site 2606-3, 200 Block of Washington Street). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Manganese.
- Station 317+30 to Station 319+00 0 to 50 feet RT (Repair Garage and Vacant Lot, PESA Site 2606-4, 200 Washington Street). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Aluminum, Lead, and Manganese.
- Station 320+80 to Station 321+80 0 to 50 feet RT (Apple River, PESA Site 2606-3, 200 Block of Washington Street). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Manganese.
- Station 318+70 to Station 319+00 0 to 50 feet LT (Apple River, PESA Site 2606-3, 200 Block of Washington Street). This material meets the criteria of Article 669.09(b) and shall be managed in accordance to Article 669.09.

Revised 10/30/13

MONITORING WELL ABANDONMENT

The Contractor shall hire a licensed water well driller pursuant to the Water Well and Pump Installation Contractor's License Act. All monitoring wells removed shall be abandoned in accordance with the Illinois Water Well Construction Code 77 Illinois Administrative Code Part 920. The Department has determined that eight (8) monitoring wells will be impacted by construction activities.

Method of Measurement. Monitoring well abandonment will be measured for payment assuming each monitoring well is a 2 inch diameter well installed at a maximum depth of 25 feet.

Basis of Payment. Monitoring well abandonment will be paid for at the contract unit price each for MONITORING WELL ABANDONMENT.

Added 10/30/13