November 10, 2014

SUBJECT: FAS Route 752/FAS Route 749 (IL 3)

Project ACRS-0752(100) Section 101-2RS-1 Jersey County Contract No. 76789

Item No. 100, November 21, 2014 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 131-134 of the Special Provisions
- 4. Added pages 205-210 to the Special Provisions
- 5. Revised sheet 12 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

By: Ted B. Walschleger, P. E.

Tette alselye P.E.

Engineer of Project Management

cc: Jeffrey L. Keirn, Region 5, District 8; Tim Kell; Estimates

MS/kf

State Job # - C-98-021-10

County Name - JERSEY- -

Code - 83 - -

District - 8 - -

Section Number - 101-2RS-1

Project Number

ACRS-0752/100/

*REVISED: NOVEMBER 5, 2014

Route

ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
X0321461	PILLAR REM	EACH	4.000				
X0323360	WOOD POLE REMOVAL	EACH	2.000				
X0324762	WIDE LOAD DETOUR SIGN	L SUM	1.000				
X4401198	HMA SURF REM VAR DP	SQ YD	80,723.000				
X6660445	ROW/PROPERTY CORNERS	EACH	21.000				
X7010202	TC-PROT 701321 SPL	EACH	11.000				
X7801004	WR THPL PM LINE 4	FOOT	103,442.000				
X7801024	WR THPL PM LINE 24	FOOT	282.000				
X8420510	REM TOWER FDN	EACH	4.000				
Z0005300	BOX CUL TO BE CLEANED	EACH	8.000				
Z0007601	BLDG REMOV NO 1	L SUM	1.000				
Z0012754	STR REP CON DP = < 5	SQ FT	53.000				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000				
Z0016702	DETOUR SIGNING	L SUM	1.000				
Z0023500	FILL EXIST CULVERTS	CU YD	41.000				

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Route

Item Number	Pay Item Description	Unit of Measure	Quantity	X	Unit Price	=	Total Price
Z0064505	SECTION CORNER MKRS	EACH	23.000				
Z0076600	TRAINEES	HOUR	2,500.000		0.800		2,000.000
Z0076604	TRAINEES TPG	HOUR	2,500.000		15.000		37,500.000
20100110	TREE REMOV 6-15	UNIT	3,732.000				
20100210	TREE REMOV OVER 15	UNIT	4,639.000				
20100500	TREE REMOV ACRES	ACRE	1.000				
20200100	EARTH EXCAVATION	CU YD	166,560.000				
20200200	ROCK EXCAVATION	CU YD	10,519.000				
20200600	EXC & GR EX SHOULDER	UNIT	3.000				
20700220	POROUS GRAN EMBANK	CU YD	98.000				
20800150	TRENCH BACKFILL	CU YD	89.000				
25000305	SEEDING CL 3A	ACRE	39.000				
25000400	NITROGEN FERT NUTR	POUND	3,482.000				
25000500	PHOSPHORUS FERT NUTR	POUND	3,482.000				
25000600	POTASSIUM FERT NUTR	POUND	3,482.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
25100115	MULCH METHOD 2	ACRE	55.750				
25100630	EROSION CONTR BLANKET	SQ YD	114,151.000				
25100635	HD EROS CONTR BLANKET	SQ YD	10,091.000				
28000250	TEMP EROS CONTR SEED	POUND	11,605.000				
28000305	TEMP DITCH CHECKS	FOOT	12,663.000				
28000315	AGG DITCH CHECKS	TON	830.000				
28000400	PERIMETER EROS BAR	FOOT	27,037.000				
28000500	INLET & PIPE PROTECT	EACH	111.000				
28100107	STONE RIPRAP CL A4	SQ YD	2,564.000				
28100109	STONE RIPRAP CL A5	SQ YD	2,280.000				
28200200	FILTER FABRIC	SQ YD	9,353.000				
28300400	AGGREGATE DITCH	TON	3,157.000				
31101000	SUB GRAN MAT B	TON	586.000				
31101600	SUB GRAN MAT B 8	SQ YD	64,602.000				
31101900	SUB GRAN MAT C	TON	5,411.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
35101600	AGG BASE CSE B 4	SQ YD	613.000				
35101800	AGG BASE CSE B 6	SQ YD	2,172.000				
35102000	AGG BASE CSE B 8	SQ YD	880.000				
35501316	HMA BASE CSE 8	SQ YD	3,731.000				
35600712	HMA BC WID 9	SQ YD	21,711.000				
40200800	AGG SURF CSE B	TON	2,232.000				
40201000	AGGREGATE-TEMP ACCESS	TON	4,163.000				
40600275	BIT MATLS PR CT	POUND	204,071.000				
40600637	LB MM IL-9.5FG N70	TON	5,758.000				
40600982	HMA SURF REM BUTT JT	SQ YD	107.000				
40600990	TEMPORARY RAMP	SQ YD	111.000				
40603087	HMA BC IL-19.0 FG N70	TON	610.000				
40603315	HMA SC "C" N70	TON	7,513.000				
40800025	BIT MATLS PR CT	POUND	6,864.000				
40800050	INCIDENTAL HMA SURF	TON	684.000				

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Route

ltem Number	Pay Item Description	Unit of Measure	Quantity	Х	Unit Price	=	Total Price
42001300	PROTECTIVE COAT	SQ YD	871.000				
42300200	PCC DRIVEWAY PAVT 6	SQ YD	167.000				
42300400	PCC DRIVEWAY PAVT 8	SQ YD	446.000				
*REV 44000100	PAVEMENT REM	SQ YD	11,897.000				
44000151	HMA SURF REM 1/2	SQ YD	5,762.000				
44000155	HMA SURF REM 1 1/2	SQ YD	614.000				
44000200	DRIVE PAVEMENT REM	SQ YD	2,506.000				
44000400	GUTTER REM	FOOT	18,208.000				
44000500	COMB CURB GUTTER REM	FOOT	319.000				
44004000	PAVED DITCH REMOVAL	FOOT	50.000				
44004250	PAVED SHLD REMOVAL	SQ YD	51.000				
44200120	PAVT PATCH T2 10	SQ YD	171.000				
44200124	PAVT PATCH T3 10	SQ YD	207.000				
44200126	PAVT PATCH T4 10	SQ YD	36.000				
44300200	STRIP REF CR CON TR	FOOT	65,307.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
48101498	AGGREGATE SHLDS B 4	SQ YD	251.000				
48101500	AGGREGATE SHLDS B 6	SQ YD	168.000				
48102100	AGG WEDGE SHLD TYPE B	TON	2,089.000				
48203029	HMA SHOULDERS 8	SQ YD	27,696.000				
50100300	REM EXIST STRUCT N1	EACH	1.000				
50100400	REM EXIST STRUCT N2	EACH	1.000				
50100500	REM EXIST STRUCT N3	EACH	1.000				
50100600	REM EXIST STRUCT N4	EACH	1.000				
50100700	REM EXIST STRUCT N5	EACH	1.000				
50100800	REM EXIST STRUCT N6	EACH	1.000				
50100900	REM EXIST STRUCT N7	EACH	1.000				
50101000	REM EXIST STRUCT N8	EACH	1.000				
50101100	REM EXIST STRUCT N9	EACH	1.000				
50101200	REM EXIST STRUCT N10	EACH	1.000				
50101300	REM EXIST STRUCT N11	EACH	1.000				

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Route

ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
50101400	REM EXIST STRUCT N12	EACH	1.000				
50101410	REM EXIST STRUCT N13	EACH	1.000				
50101415	REM EXIST STRUCT N14	EACH	1.000				
50101420	REM EXIST STRUCT N15	EACH	1.000				
50101421	REM EXIST STRUCT N16	EACH	1.000				
50101422	REM EXIST STRUCT N17	EACH	1.000				
50101423	REM EXIST STRUCT N18	EACH	1.000				
50101424	REM EXIST STRUCT N19	EACH	1.000				
50101425	REM EXIST STRUCT N20	EACH	1.000				
50101426	REM EXIST STRUCT N21	EACH	1.000				
50101427	REM EXIST STRUCT N22	EACH	1.000				
50101428	REM EXIST STRUCT N23	EACH	1.000				
50101429	REM EXIST STRUCT N24	EACH	1.000				
50101430	REM EXIST STRUCT N25	EACH	1.000				
50102400	CONC REM	CU YD	131.900				

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Item Number	Pay Item Description	Unit of Measure	Quantity	х	Unit Price	=	Total Price
50104400	CONC HDWL REM	EACH	7.000				
50105220	PIPE CULVERT REMOV	FOOT	1,989.000				
50200400	ROCK EXC STRUCT	CU YD	304.700				
50200450	REM/DISP UNS MATL-STR	CU YD	98.000				
50800105	REINFORCEMENT BARS	POUND	115,540.000				
50800205	REINF BARS, EPOXY CTD	POUND	8,770.000				
50800515	BAR SPLICERS	EACH	21.000				
54001004	BOX CUL END SEC C4	EACH	2.000				
54001013	BOX CUL END SEC C13	EACH	2.000				
54001016	BOX CUL END SEC C16	EACH	2.000				
54002020	EXPAN BOLTS 3/4	EACH	544.000				
54003000	CONC BOX CUL	CU YD	689.100				
54010403	PCBC 4X3	FOOT	138.000				
54010503	PCBC 5X3	FOOT	48.000				
542A0223	P CUL CL A 1 18	FOOT	48.000				

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Route

ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
542A0229	P CUL CL A 1 24	FOOT	90.000				
542A0235	P CUL CL A 1 30	FOOT	166.000				
542A0241	P CUL CL A 1 36	FOOT	103.000				
542D0220	P CUL CL D 1 15	FOOT	2,615.000				
542D0223	P CUL CL D 1 18	FOOT	364.000				
542D0229	P CUL CL D 1 24	FOOT	696.000				
542D0235	P CUL CL D 1 30	FOOT	116.000				
542D1060	P CUL CL D 2 15	FOOT	66.000				
542D1063	P CUL CL D 2 18	FOOT	76.000				
542D1093	P CUL CL D 2 48	FOOT	100.000				
54213663	PRC FLAR END SEC 18	EACH	3.000				
54213669	PRC FLAR END SEC 24	EACH	4.000				
54213675	PRC FLAR END SEC 30	EACH	4.000				
54213681	PRC FLAR END SEC 36	EACH	4.000				
54260311	TRAVERS PIPE GRATE	FOOT	115.000				

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Route

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
550A0090	STORM SEW CL A 1 18	FOOT	15.000				
550A0160	STORM SEW CL A 1 36	FOOT	111.000				
59000200	EPOXY CRACK INJECTION	FOOT	48.000				
59300100	CONTR LOW-STRENG MATL	CU YD	7.100				
60221100	MAN TA 5 DIA T1F CL	EACH	1.000				
60224448	MAN TA 7 DIA T8G	EACH	1.000				
60500060	REMOV INLETS	EACH	1.000				
60600095	CLASS SI CONC OUTLET	CU YD	9.000				
60602800	CONC GUTTER TB	FOOT	675.000				
63000001	SPBGR TY A 6FT POSTS	FOOT	4,463.000				
63000025	SPBGR ATTACH TO STR	FOOT	25.000				
63100045	TRAF BAR TERM T2	EACH	9.000				
63100167	TR BAR TRM T1 SPL TAN	EACH	22.000				
63200310	GUARDRAIL REMOV	FOOT	237.000				
63500105	DELINEATORS	EACH	44.000				

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Route

ltem Number	Pay Item Description	Unit of Measure	Quantity	X	Unit Price	=	Total Price
64200108	SHOULDER RUM STRIP 8	FOOT	45,512.000				
66600105	FUR ERECT ROW MARKERS	EACH	258.000				
66700205	PERM SURV MKRS T1	EACH	27.000				
66700705	FUR ERECT DRAIN MKRS	EACH	15.000				
*ADD 66900200	NON SPL WASTE DISPOSL	CU YD	1,325.000				
*ADD 66900450	SPL WASTE PLNS/REPORT	L SUM	1.000				
*ADD 66900530	SOIL DISPOSAL ANALY	EACH	5.000				
67000400	ENGR FIELD OFFICE A	CAL MO	32.000				
67100100	MOBILIZATION	L SUM	1.000				
70100450	TRAF CONT-PROT 701201	L SUM	1.000				
70100460	TRAF CONT-PROT 701306	L SUM	1.000				
70100500	TRAF CONT-PROT 701326	L SUM	1.000				
70100600	TRAF CONT-PROT 701336	L SUM	1.000				
70103815	TR CONT SURVEILLANCE	CAL DA	913.000				
70106500	TEMP BR TRAF SIGNALS	EACH	11.000				

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Route

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
70106700	TEMP RUMBLE STRIPS	EACH	66.000				
70106800	CHANGEABLE MESSAGE SN	CAL MO	30.000				
70300100	SHORT TERM PAVT MKING	FOOT	2,938.000				
70300220	TEMP PVT MK LINE 4	FOOT	115,428.000				
70300240	TEMP PVT MK LINE 6	FOOT	9,550.000				
70300280	TEMP PVT MK LINE 24	FOOT	282.000				
70301000	WORK ZONE PAVT MK REM	SQ FT	35,243.000				
70400100	TEMP CONC BARRIER	FOOT	4,800.000				
70400200	REL TEMP CONC BARRIER	FOOT	4,450.000				
70500100	TEMP SPBGR TY A	FOOT	87.500				
70500500	TEMP SPBGR ATT TO STR	FOOT	12.500				
70600250	IMP ATTN TEMP NRD TL3	EACH	24.000				
70600350	IMP ATTN REL NRD TL3	EACH	24.000				
72000100	SIGN PANEL T1	SQ FT	404.000				
72000200	SIGN PANEL T2	SQ FT	90.000				

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Route

ltem Number	Pay Item Description	Unit of Measure	Quantity	х	Unit Price	=	Total Price
72400500	RELOC SIN PAN ASSY TA	EACH	35.000				
72400600	RELOC SIN PAN ASSY TB	EACH	2.000				
72800100	TELES STL SIN SUPPORT	FOOT	212.000				
72900100	METAL POST TY A	FOOT	209.000				
73000100	WOOD SIN SUPPORT	FOOT	1,072.000				
78100100	RAISED REFL PAVT MKR	EACH	411.000				
78200410	GUARDRAIL MKR TYPE A	EACH	74.000				
78201000	TERMINAL MARKER - DA	EACH	22.000				
78300100	PAVT MARKING REMOVAL	SQ FT	3,996.000				
78300200	RAISED REF PVT MK REM	EACH	411.000				

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Add the following sentence to the end of the first paragraph of Article 508.06(c) of the Standard Specifications:

"In addition, the total slip of the bars within the splice sleeve of the connector after loading in tension to 30 ksi (207 MPa) and relaxing to 3 ksi (20.7 MPa) shall not exceed 0.01 in. (254 microns)."

Revise Article 1042.03(d) of the Standard Specifications to read:

"(d) Reinforcement and Accessories: The concrete cover over all reinforcement shall be within ±1/4 in. (±6 mm) of the specified cover.

Welded wire fabric shall be accurately bent and tied in place.

Miscellaneous accessories to be cast into the concrete or for forming holes and recesses shall be carefully located and rigidly held in place by bolts, clamps, or other effective means. If paper tubes are used for vertical dowel holes, or other vertical holes which require grouting, they shall be removed before transportation to the construction site."

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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."

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 inorganic 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 offsite 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.
- (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, 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 for the following reason.
- (1) The pH of the soil is less than 6.25 or greater than 9.0.
- (2) The soil exhibited elevated photoionization detector (PID) utilizing a lamp of 10.6eV or greater or a flame ionization detector (FID) readings.
- (c) Soil Analytical Results Exceed Most Stringent MAC but Do Not Exceed TACO Residential. When the soil analytical results indicate that detected levels exceed the most stringent MAC but do not exceed TACO Tier 1 Soil Remediation Objectives for Residential Properties pursuant to 35 IAC 742 Appendix B Table A, the excavated soil can be utilized within the right-of-way 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.
- (d) 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.
- (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, 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: ISGS Site 2277-2 – Jersey County Recycling Center

- Station 421+20 to Station 423+50, 0 to 40 feet LT along IL 3 (Jersey County Recycling Center, PESA Site 2277-2, 25700 block of IL 3 and 15000 block of IL 109) This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. COCs sampling parameters: Arsenic.
- Station 423+50 to Station 424+60, 0 to 90 feet LT along IL 3 (Jersey County Recycling Center, PESA Site 2277-2, 25700 block of IL 3 and 15000 block of IL 109) This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. COCs sampling parameters: Arsenic.

ISGS Site 2277-26 – Farmstead

- Station 318+50 to Station 320+00, 0 to 55 feet RT along IL 3 (Farmstead, PESA Site 2277-26, 3899 IL 3, Dow) This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. COCs sampling parameters: Arsenic.
- Station 320+00 to Station 321+25, 0 to 55 feet RT along IL 3 (Farmstead, PESA Site 2277-26, 3899 IL 3, Dow) This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. COCs sampling parameters: Arsenic.
- Station 321+25 to Station 322+00, 0 to 55 feet RT along IL 3 (Farmstead, PESA Site 2277-
- 26, 3899 IL 3, Dow) This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. COCs sampling parameters: Arsenic.

ISGS Site 2277-42 – Farmstead

- Station 214+00 to Station 215+40, 0 to 60 feet LT along IL 3 (Farmstead, PESA Site 2277-
- 42, 21876 IL 3, Grafton) This material meets the criteria of Article 669.09(b)(1) and shall be managed in accordance to Article 669.09.
- Station 216+65 to Station 217+90, 0 to 60 feet LT along IL 3 (Farmstead, PESA Site 2277-42, 21876 IL 3, Grafton) This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. COCs sampling parameters: Arsenic.

ISGS Site 2277-56 - Residence and Grafton Material Service

- Station 153+50 to Station 154+50, 0 to 65 feet LT along IL 3 (Residence and Grafton Material Service, PESA Site 2277-56, 20855 IL 3, Grafton) This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. COCs sampling parameters: Arsenic.
- Station 154+50 to Station 156+50, 0 to 65 feet LT along IL 3 (Residence and Grafton Material Service, PESA Site 2277-56, 20855 IL 3, Grafton) This material meets the criteria of Article 669.09(b)(1) and shall be managed in accordance to Article 669.09.
- Station 154+25 to Station 155+05, 0 to 75 feet RT along IL 3 (Residence and Grafton Material Service, PESA Site 2277-56, 20855 IL 3, Grafton) This material meets the criteria of Article 669.09(b)(1) and shall be managed in accordance to Article 669.09.

ISGS Site 2277-59 - Residence

- Station 136+80 to Station 137+80, 0 to 60 feet LT along IL 3 (Residence, PESA Site 2277-59, 20628 IL 3, Grafton) This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. COCs sampling parameters: Arsenic.
- Station 137+80 to Station 138+80, 0 to 60 feet LT along IL 3 (Residence, PESA Site 2277-

59, 20628 IL 3, Grafton) - This material meets the criteria of Article 669.09(b)(1) and shall be managed in accordance to Article 669.09.

ISGS Site 2277-62 - Residence

 Station 121+10 to Station 122+10, 0 to 20 feet LT along IL 3 (Residence, PESA Site 2277-

62, 20450 IL 3, Grafton) - This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. COCs sampling parameters: Arsenic.

ISGS Site 2277-65 – Farmstead

 Station 107+85 to Station 109+85, 0 to 60 feet LT along IL 3 (Farmstead, PESA Site 2277-

65, 20242 IL 3, Grafton) - This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. COCs sampling parameters: Arsenic and lead.