



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

January 4, 2013

SUBJECT: FAP Route 332(IL 1/17)  
Project ACHSIP-0332(110)  
Section (6, K-15d)L, I  
Kankakee County  
Contract No. 66C14  
Item No. 30, January 18, 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 the Table of Contents to the Special Provisions.
3. Revised pages 92-95 of the Special Provisions.
4. Revised sheets 3, 4 & 9 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 black ink, appearing to read 'Ted B. Walschleger P.E.'.

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

cc: Paul A. Loete, Region 2, District 3; Mike Renner; Estimates

dr

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF PRICES  
 CONTRACT  
 NUMBER -

66C14

State Job # - C-93-107-12

Project Number  
 ACHSIP-0332/110/

Route  
 FAP 332

County Name - KANKAKEE- -

Code - 91 - -

District - 3 - -

Section Number - (6, K-15D)L, I

\* REVISED: JANUARY 3, 2013

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
X0326898	CENTERLN RUM STRIP 16	FOOT	1,152.000				
X4401198	HMA SURF REM VAR DP	SQ YD	292.000				
X5012610	CONC HDWL REM PART	EACH	1.000				
20101400	NITROGEN FERT NUTR	POUND	54.000				
20101500	PHOSPHORUS FERT NUTR	POUND	54.000				
20101600	POTASSIUM FERT NUTR	POUND	54.000				
20200100	EARTH EXCAVATION	CU YD	360.000				
20400800	FURNISHED EXCAVATION	CU YD	2.000				
25000210	SEEDING CL 2A	ACRE	0.600				
25100115	MULCH METHOD 2	ACRE	0.600				
28000250	TEMP EROS CONTR SEED	POUND	120.000				
40600100	BIT MATLS PR CT	GALLON	703.000				
40600300	AGG PR CT	TON	11.000				
40600400	MIX CR JTS FLANGEWYS	TON	2.000				
40600535	LEV BIND HM N70	TON	3.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
*REV 40600837	P LEV BIND MM N70	TON	373.000				
40600990	TEMPORARY RAMP	SQ YD	40.000				
*REV 40603540	P HMA SC "D" N70	TON	430.000				
40800050	INCIDENTAL HMA SURF	TON	33.000				
44000155	HMA SURF REM 1 1/2	SQ YD	3,584.000				
44300200	STRIP REF CR CON TR	FOOT	2,303.000				
*REV 48203027	HMA SHOULDERS 7 1/2	SQ YD	1,535.000				
50800105	REINFORCEMENT BARS	POUND	18.000				
54002020	EXPAN BOLTS 3/4	EACH	8.000				
542A0229	P CUL CL A 1 24	FOOT	2.000				
54213459	END SECTIONS 24	EACH	1.000				
54248510	CONCRETE COLLAR	CU YD	0.330				
64200116	SHOULDER RUM STRIP 16	FOOT	2,303.000				
66700205	PERM SURV MKRS T1	EACH	1.000				
67000400	ENGR FIELD OFFICE A	CAL MO	3.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
67100100	MOBILIZATION	L SUM	1.000				
*ADD 66900400	SPL WAST GRD WAT DISP	GALLON	1,000.000				
*ADD 66900450	SPL WASTE PLNS/REPORT	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				
70103815	TR CONT SURVEILLANCE	CAL DA	5.000				
70300100	SHORT TERM PAVT MKING	FOOT	345.000				
70300220	TEMP PVT MK LINE 4	FOOT	2,303.000				
70301000	WORK ZONE PAVT MK REM	SQ FT	38.000				
78005110	EPOXY PVT MK LINE 4	FOOT	4,606.000				
78100100	RAISED REFL PAVT MKR	EACH	14.000				
78300200	RAISED REF PVT MK REM	EACH	14.000				
80400100	ELECT SERV INSTALL	EACH	1.000				
81028760	UNDRGRD C CNC 2 1/2	FOOT	364.000				

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81028780	UNDRGRD C CNC 3 1/2	FOOT	70.000				
81603000	UD 2#8 #8G XLPUSE 3/4	FOOT	6,605.000				
81603040	UD 2#6 #8G XLPUSE 1	FOOT	2,542.000				
82102250	LUM SV HOR MT 250W	EACH	27.000				
82102400	LUM SV HOR MT 400W	EACH	9.000				
82500320	LT CONT PM 480V 60	EACH	1.000				
83003600	LT P A 45MH 15DA	EACH	27.000				
83004600	LT P A 50MH 15DA	EACH	9.000				
83600355	LP F M 15BC 8" X 6'	EACH	27.000				
83600357	LP F M 15BC 8" X 8'	EACH	9.000				
83800650	BKWY DEV COU SS SCR N	EACH	144.000				
84200600	REM LT U NO SALV	EACH	13.000				
84200804	REM POLE FDN	EACH	13.000				
84500110	REMOV LIGHTING CONTR	EACH	1.000				
84500120	REMOV ELECT SERV INST	EACH	1.000				

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84500130	REMOV LTG CONTR FDN	EACH	1.000				

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**1031.09 RAP in Aggregate Surface Course and Aggregate Shoulders.** The use of RAP in aggregate surface course (temporary access entrances only) and aggregate wedge shoulders Type B shall be as follows.

- (a) Stockpiles and Testing. RAP stockpiles may be any of those listed in Article 1031.02, except “Non-Quality” and “FRAP”. The testing requirements of Article 1031.03 shall not apply. RAP used to construct aggregate surface course and aggregate shoulders shall be according to the current Bureau of Materials and Physical Research’s Policy Memorandum, “Reclaimed Asphalt Pavement (RAP) for Aggregate Applications”.
- (b) Gradation. One hundred percent of the RAP material shall pass the 1 1/2 in. (37.5 mm) sieve. The RAP material shall be reasonably well graded from coarse to fine. RAP material that is gap-graded or single sized will not be accepted.”

## 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. 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 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.

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Samples shall be grab samples (not combined with other locations). The samples shall be taken with 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 a detectable concentration which is equal to 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 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.

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- (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 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 investigation (PESA) site number),
- (c) Plan sheets showing the areas containing the regulated substances,

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- (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 investigation (PESA) site number) for special or hazardous waste disposal, and
- (f) Landfill tickets (identified by the preliminary environmental site investigation (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 groundwater within the following areas:

- Station 193+00 to Station 304+50 0 to 90 feet RT (Hoekstra Transportation LLC, PESA Site 2565-4, 118 North IL 1). This material meets the criteria of Article 669.09(c) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: PNAs.
- Station 302+50 to Station 304+50 0 to 90 feet LT (Spill, PESA Site 2565-13, 7400-8250 IL 17). This material meets the criteria of Article 669.09(c) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: PNAs, Iron, and Manganese.
- Station 29+25 to Station 31+25 0 to 60 feet RT (Langman Farms Farmstead, PESA Site 2565-10, 8090 IL 1). This material meets the criteria of Article 669.09(c) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: PNAs and Manganese.
- Station 302+50 to Station 303+50 0 to 90 feet LT (Spill, PESA Site 2565-13, 7400-8250 IL 17). This material meets the criteria of Article 669.09(b) and shall be managed in accordance to Article 669.09.

Revised 1/4/2013