September 8, 2014

SUBJECT: FAP Route 343 (IL 68/Portwine Road)

Project ACNHPP-0068(114)

Section 1618TS Cook County Contract No. 60X14

Item No. 13, September 19, 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 the Table of Contents to the Special Provisions
- 3. Revised pages 2 and 81-84 of the Special Provisions
- 4. Added pages 91-92 to the Special Provisions
- 5. Revised sheets 1, 2, 5 and 13-15 of the Plans
- 6. Added sheets 16A & 16B to 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: John Fortmann, Region 1, District 1; Tim Kell; Estimates

MS/kf

# ILLINOIS DEPARTMENT OF TRANSPORTATION SCHEDULE OF PRICES CONTRACT NUMBER - 60X14

State Job # - C-91-018-14

County Name - COOK- -

Code - 31 - -

District - 1 - - Section Number - 1618TS

Project Number
ACNHPP-0068/114/

\*REVISED: SEPTEMBER 4, 2014

Route

**FAP 343** 

| Item<br>Number      | Pay Item Description        | Unit of<br>Measure | Quantity          | х | Unit Price | = | Total Price |
|---------------------|-----------------------------|--------------------|-------------------|---|------------|---|-------------|
| X86                 | 20200 UNINTER POWER SUP SPL | EACH               | 1.000             |   |            |   |             |
| *ADD Z00            | 30850 TEMP INFO SIGNING     | SQ FT              | 52.000            |   |            |   |             |
| *DEL <del>202</del> | 01200 REM & DISP UNS MATL   | CU YD              | 4.000             |   |            |   |             |
| *DEL 211            | 01625 TOPSOIL F & P 6       | <del>SQ YD</del>   | <del>25.000</del> |   |            |   |             |
| *DEL 252            | 00100 SODDING               | SQ YD              | <del>25.000</del> |   |            |   |             |
| *DEL 440            | 00200 DRIVE PAVEMENT REM    | SQ YD              | <del>25.000</del> |   |            |   |             |
| *DEL 440            | 00500 COMB CURB GUTTER REM  | FOOT               | <del>16.000</del> |   |            |   |             |
| *DEL 606            | 03800 COMB CC&G TB6.12      | FOOT               | <del>16.000</del> |   |            |   |             |
| *ADD 669            | 00200 NON SPL WASTE DISPOSL | CU YD              | 90.000            |   |            |   |             |
| *ADD 669            | 00450 SPL WASTE PLNS/REPORT | L SUM              | 1.000             |   |            |   |             |
| *ADD 669            | 00530 SOIL DISPOSAL ANALY   | EACH               | 1.000             |   |            |   |             |
| 671                 | 00100 MOBILIZATION          | L SUM              | 1.000             |   |            |   |             |
| 701                 | 02625 TR CONT & PROT 701606 | L SUM              | 1.000             |   |            |   |             |
| 701                 | 02635 TR CONT & PROT 701701 | L SUM              | 1.000             |   |            |   |             |
| 701                 | 02640 TR CONT & PROT 701801 | L SUM              | 1.000             |   |            |   |             |

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Route

**FAP 343** 

| Item<br>Number | Pay Item Description  | Unit of<br>Measure | Quantity  | х | Unit Price | = | Total Price |
|----------------|-----------------------|--------------------|-----------|---|------------|---|-------------|
| *ADD 70106800  | CHANGEABLE MESSAGE SN | CAL MO             | 2.000     |   |            |   |             |
| 72000100       | SIGN PANEL T1         | SQ FT              | 38.000    |   |            |   |             |
| 72000200       | SIGN PANEL T2         | SQ FT              | 12.500    |   |            |   |             |
| *ADD 72400200  | REMOV SIN PAN ASSY TB | EACH               | 2.000     |   |            |   |             |
| *ADD 72800100  | TELES STL SIN SUPPORT | FOOT               | 38.000    |   |            |   |             |
| *ADD 78000650  | THPL PVT MK LINE 24   | FOOT               | 73.000    |   |            |   |             |
| 80500010       | SERV INSTALL GRND MT  | EACH               | 1.000     |   |            |   |             |
| 81028200       | UNDRGRD C GALVS 2     | FOOT               | 1,028.000 |   |            |   |             |
| 81028210       | UNDRGRD C GALVS 2 1/2 | FOOT               | 48.000    |   |            |   |             |
| 81028220       | UNDRGRD C GALVS 3     | FOOT               | 81.000    |   |            |   |             |
| 81028240       | UNDRGRD C GALVS 4     | FOOT               | 278.000   |   |            |   |             |
| 81400100       | HANDHOLE              | EACH               | 6.000     |   |            |   |             |
| 81400200       | HD HANDHOLE           | EACH               | 1.000     |   |            |   |             |
| 81400300       | DBL HANDHOLE          | EACH               | 1.000     |   |            |   |             |
| 85000300       | MAIN EX TR SIG INSTAL | L SUM              | 1.000     |   |            |   |             |

# ILLINOIS DEPARTMENT OF TRANSPORTATION SCHEDULE OF PRICES CONTRACT NUMBER -

State Job # - C-91-018-14

County Name - COOK- -

Code - 31 - -

District - 1 - - Section Number - 1618TS

Project Number

Route FAP 343

ACNHPP-0068/114/

\*REVISED: SEPTEMBER 4, 2014

| ltem<br>Number | Pay Item Description | Unit of<br>Measure | Quantity  | X | Unit Price | = | Total Price |
|----------------|----------------------|--------------------|-----------|---|------------|---|-------------|
| 85700200       | FAC T4 CAB           | EACH               | 1.000     |   |            |   |             |
| 87301215       | ELCBL C SIGNAL 14 2C | FOOT               | 481.000   |   |            |   |             |
| 87301225       | ELCBL C SIGNAL 14 3C | FOOT               | 246.000   |   |            |   |             |
| 87301245       | ELCBL C SIGNAL 14 5C | FOOT               | 1,488.000 |   |            |   |             |
| 87301255       | ELCBL C SIGNAL 14 7C | FOOT               | 425.000   |   |            |   |             |
| 87301305       | ELCBL C LEAD 14 1PR  | FOOT               | 2,225.000 |   |            |   |             |
| 87301805       | ELCBL C SERV 6 2C    | FOOT               | 66.000    |   |            |   |             |
| 87301900       | ELCBL C EGRDC 6 1C   | FOOT               | 512.000   |   |            |   |             |
| 87502440       | TS POST GALVS 10     | EACH               | 1.000     |   |            |   |             |
| 87502480       | TS POST GALVS 14     | EACH               | 2.000     |   |            |   |             |
| 87502500       | TS POST GALVS 16     | EACH               | 1.000     |   |            |   |             |
| 87700140       | S MAA & P 20         | EACH               | 1.000     |   |            |   |             |
| 87700190       | S MAA & P 30         | EACH               | 1.000     |   |            |   |             |
| 87700240       | S MAA & P 40         | EACH               | 1.000     |   |            |   |             |
| 87800100       | CONC FDN TY A        | FOOT               | 20.000    |   |            |   |             |

# ILLINOIS DEPARTMENT OF TRANSPORTATION SCHEDULE OF PRICES CONTRACT NUMBER - 60X14

State Job # - C-91-018-14

County Name - COOK- -

Code - 31 - -

District - 1 - - Section Number - 1618TS

Project Number

ACNHPP-0068/114/

\*REVISED: SEPTEMBER 4, 2014

Route

**FAP 343** 

| ltem<br>Number | Pay Item Description  | Unit of<br>Measure | Quantity | x | Unit Price | = | Total Price |
|----------------|-----------------------|--------------------|----------|---|------------|---|-------------|
| 87800150       | CONC FDN TY C         | FOOT               | 4.000    |   |            |   |             |
| 87800400       | CONC FDN TY E 30D     | FOOT               | 23.500   |   |            |   |             |
| 87800415       | CONC FDN TY E 36D     | FOOT               | 13.000   |   |            |   |             |
| 88030020       | SH LED 1F 3S MAM      | EACH               | 6.000    |   |            |   |             |
| 88030050       | SH LED 1F 3S BM       | EACH               | 3.000    |   |            |   |             |
| 88030100       | SH LED 1F 5S BM       | EACH               | 1.000    |   |            |   |             |
| 88030110       | SH LED 1F 5S MAM      | EACH               | 1.000    |   |            |   |             |
| 88102717       | PED SH LED 1F BM CDT  | EACH               | 2.000    |   |            |   |             |
| 88200210       | TS BACKPLATE LOU ALUM | EACH               | 7.000    |   |            |   |             |
| 88500100       | INDUCTIVE LOOP DETECT | EACH               | 6.000    |   |            |   |             |
| 88600100       | DET LOOP T1           | FOOT               | 468.000  |   |            |   |             |
| 88800100       | PED PUSH-BUTTON       | EACH               | 4.000    |   |            |   |             |

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Special attention is called to Article 107.09 of the standard Specifications and the following Highway Standards, Details, Quality Standard for Work Zone Traffic Control Devices, Recurring Special Provisions and Special Provisions contained herein, relating to traffic control.

The Contractor shall contact the District One Bureau of Traffic at least 72 hours in advance of beginning work. The R.E. is to contact the Traffic Control Supervisor before beginning work.

#### STANDARDS:

| 701006 | Off-Rd Operations, 2L, 2W, 15' (4.5m) to 24" (600 mm) From Pavement Edge     |
|--------|------------------------------------------------------------------------------|
| 701011 | Off-Rd Moving Operations, 2L, 2W, Day Only                                   |
| 701101 | Off-Rd Operations, Multilane, 15' (4.5 m) to 24" (600 mm) From Pavement Edge |
| 701301 | Lane Closure, 2L, 2W, Short Time Operations                                  |
| 701606 | Urban Lane Closure Multilane, 2W with Mountable Median                       |
| 701701 | Urban Lane Closure Multilane Intersection                                    |
| 701801 | Lane Closure Multilane 1W or 2W Crosswalk or Sidewalk Closure                |
| 701901 | Traffic Control Devices                                                      |
|        |                                                                              |

#### **DISTRICT DETAILS:**

TC-13 District One Typical Pavement Markings

TC-22 Arterial Road Information Sign

## SPECIAL PROVISION

At the preconstruction meeting, the Contractor shall furnish the name of the individual in his direct employ who is to be responsible for the installation and maintenance of the traffic control for this project. If the actual installation and maintenance are to be accomplished by a subcontractor, consent shall be requested of the Engineer at the time of the preconstruction meeting in accordance with Article 108.01 of the Standard Specifications. This shall not relieve the Contractor of the requirement to have a responsible individual in his direct employ supervise this work. The Department will provide the Contractor the name of its representative who will be responsible for the administration of the Traffic Control Plan.

## **RECLAIMED WATER (D-1)**

Effective: December 1, 2013

<u>General.</u> This specification covers the blending, testing, storing, use of and requirements for reclaimed water in Portland cement concrete.

<u>Material.</u> Reclaimed water shall consist of wash out, runoff, and/or storm water that has been combined with water conforming to Article 1002.01. Reclaimed water meeting the quality requirements of this specification shall be evaluated for acceptance by the Department.

<u>Use.</u> Reclaimed water will only be allowed in Class PV and SI concrete mix designs at a maximum of 20.0% total by weight. Reclaimed water is prohibited in all other concrete class mix designs. This material will only be allowed in work without reinforcing steel only. Dowel bars and tie bars are not considered reinforcing steel.

Reclaimed water shall be weighed or metered separately from water conforming to Article 1002.01 and shall be detailed separately on batch sheets used to document concrete batch weights.

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."

#### 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 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.

- (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 <sup>-7</sup> 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 nonspecial 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 35+00 to Station 38+60 (1<sup>st</sup> Avenue IL 171) 0 to 60 feet LT (Residences, PESA Site 2734-4, 3501-3511 Woodside Drive). 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 40+00 to Station 41+90 (1<sup>st</sup> Avenue IL 171) 0 to 100 feet LT (Residences, PESA Site 2734-4, 3501-3511 Woodside Drive). 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: Arsenic and Manganese.
- Station 41+90 to Station 44+70 (1<sup>st</sup> Avenue IL 171) 0 to 100 feet LT (Riverside-Brookfield High School, PESA Site 2734-1, 160 Ridgewood Road). 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 Arsenic.
- Station 40+00 to Station 41+90 (1<sup>st</sup> Avenue IL 171) 0 to 100 feet RT (Zoo Woods, PESA Site 2734-2, 100 block of Forest Avenue). 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: Arsenic.
- Station 41+90 to Station 48+70 (1<sup>st</sup> Avenue IL 171) 0 to 100 feet RT (Zoo Woods, PESA Site 2734-2, 100 block of Forest Avenue). 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, Arsenic, Lead, and Manganese.
- Station 17+00 to Station 19+00 (Ridgewood Avenue) 0 to 50 feet RT (Residences, PESA Site 2734-4, 3501-3511 Woodside Drive). 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: Arsenic.
- Station 17+00 to Station 19+00 (Ridgewood Avenue) 0 to 50 feet LT (Riverside-Brookfield High School, PESA Site 2734-1, 160 Ridgewood Road). 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 Arsenic.
- Station 21+00 to Station 24+00 (Forest Avenue) 0 to 50 feet RT (Zoo Woods, PESA Site 2734-2, 100 block of Forest Avenue). 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: Arsenic.

### **TEMPORARY INFORMATION SIGNING**

Effective: November 13, 1996 Revised: January 2, 2007

#### Description.

This work shall consist of furnishing, installing, maintaining, relocating for various states of construction and eventually removing temporary informational signs. Included in this item may be ground mount signs, skid mount signs, truss mount signs, bridge mount signs, and overlay sign panels which cover portions of existing signs.

#### Materials.

Materials shall be according to the following Articles of Section 1000 - Materials:

|     | <u>ltem</u>             | <u>Article/Section</u> |
|-----|-------------------------|------------------------|
| a.) | Sign Base (Notes 1 & 2) | 1090                   |
| b.) | Sign Face (Note 3)      | 1091                   |
| c.) | Sign Legends            | 1092                   |
| d.) | Sign Supports           | 1093                   |
| e.) | Overlay Panels (Note 4) | 1090.02                |

- Note 1. The Contractor may use 5/8 inch (16 mm) instead of 3/4 inch (19 mm) thick plywood.
- Note 2. Type A sheeting can be used on the plywood base.
- Note 3. All sign faces shall be Type A except all orange signs shall meet the requirements of Article 1106.01.
- Note 4. The overlay panels shall be 0.08 inch (2 mm) thick.

# **GENERAL CONSTRUCTION REQUIREMENTS**

#### Installation.

The sign sizes and legend sizes shall be verified by the Contractor prior to fabrication.

Signs which are placed along the roadway and/or within the construction zone shall be installed according to the requirements of Article 701.14 and Article 720.04. The signs shall be 7 ft (2.1 m) above the near edge of the pavement and shall be a minimum of 2 ft (600 mm) beyond the edge of the paved shoulder. A minimum of two (2) posts shall be used.

The attachment of temporary signs to existing sign structures or sign panels shall be approved by the Engineer. Any damage to the existing signs due to the Contractor's operations shall be repaired or signs replaced, as determined by the Engineer, at the Contractor's expense.

Signs which are placed on overhead bridge structures shall be fastened to the handrail with stainless steel bands. These signs shall rest on the concrete parapet where possible. The Contractor shall furnish mounting details for approval by the Engineer.

#### Method Of Measurement.

This work shall be measured for payment in square feet (square meters) edge to edge (horizontally and vertically).

Added 9/8/14

All hardware, posts or skids, supports, bases for ground mounted signs, connections, which are required for mounting these signs will be included as part of this pay item.

# Basis Of Payment.

This work shall be paid for at the contract unit price per square foot (square meter) for TEMPORARY INFORMATION SIGNING.

# **PUBLIC CONVENIENCE AND SAFETY (DIST 1)**

Effective: May 1, 2012 Revised: July 15, 2012

Add the following to the end of the fourth paragraph of Article 107.09:

"If the holiday is on a Saturday or Sunday, and is legally observed on a Friday or Monday, the length of Holiday Period for Monday or Friday shall apply."

Add the following sentence after the Holiday Period table in the fourth paragraph of Article 107.09:

"The Length of Holiday Period for Thanksgiving shall be from 5:00 AM the Wednesday prior to 11:59 PM the Sunday After"

Delete the fifth paragraph of Article 107.09 of the Standard Specifications:

"On weekends, excluding holidays, roadways with Average Daily Traffic of 25,000 or greater, all lanes shall be open to traffic from 3:00 P.M. Friday to midnight Sunday except where structure construction or major rehabilitation makes it impractical."

## **MAINTENANCE OF ROADWAYS**

Effective: September 30, 1985 Revised: November 1, 1996

Beginning on the date that work begins on this project, the Contractor shall assume responsibility for normal maintenance of all existing roadways within the limits of the improvement. This normal maintenance shall include all repair work deemed necessary by the Engineer, but shall not include snow removal operations. Traffic control and protection for maintenance of roadways will be provided by the Contractor as required by the Engineer.

If items of work have not been provided in the contract, or otherwise specified for payment, such items, including the accompanying traffic control and protection required by the Engineer, will be paid for in accordance with Article 109.04 of the Standard Specifications.

Added 9/8/14