



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

June 4, 2012

SUBJECT: Park Roads
Section Washington Co Conserv Area
Washington County
Contract No. 46223
Item No. 193, June 15, 2012 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 sheet 2 of the Plans.
3. Revised page ii of the Table of Contents to the Special Provisionvs.
4. Added pages 103 - 107 to the Special Provisions.

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: Omer Osman, Region 5, District 9; Mike Renner; Estimates

TBW/DB/ks

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER - 46223

State Job # - C-30-047-12

Project Number

Route

County Name - WASHINGTON- -

PARK ROAD

Code - 189 - -

*REVISED: JUNE 1, 2012

District - 8 - -

Section Number - WASHINGTON CO CONSERV AREA

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
A2C00G03	T-DIOSP VIRG CG 3G	EACH	5.000				
A2002716	T-CARYA OVATA 2	EACH	10.000				
A2006416	T-QUERCUS ALBA 2	EACH	15.000				
A2006516	T-QUERCUS BICOL 2	EACH	5.000				
A2006716	T-QUERCUS MACR 2	EACH	5.000				
A2006816	T-QUERCUS MEUH 2	EACH	5.000				
A2007150	T-QUERCUS VELUTINA 2	EACH	15.000				
A2016814	T-QUERCUS SHUM 1-3/4	EACH	3.000				
X0300019	REM REIN PARKING BLKS	EACH	221.000				
X0322329	TIMBER CURB REMOVAL	FOOT	62.000				
X0323013	TUBULAR STEEL GATE	EACH	1.000				
X0323265	REMOVE EXIST RIPRAP	SQ YD	191.300				
X0323706	TRASH RECEPTACLE REL	EACH	4.000				
X0327171	SCARIFY EX SURFACE	SQ YD	48,057.000				
X2010400	STUMP REMOVAL ONLY	UNIT	12.000				

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X2020110	GRADING & SHAP SHLDRS	UNIT	653.690				
X2020410	EARTH EXCAVATION SPL	CU YD	1,997.300				
X4401198	HMA SURF REM VAR DP	SQ YD	257.000				
X5015225	PIPE CULVERT REM SPL	FOOT	55.000				
X6022220	MAN TA 4 DIA SALV F&L	EACH	1.000				
X6024500	INLETS TB W/SALV F&G	EACH	1.000				
X6340205	GUARD POSTS REMOV	EACH	112.000				
X7240600	REM RE-ERECT EX SIGN	EACH	13.000				
Z0004002	BOLLARDS	EACH	1.000				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000				
20100110	TREE REMOV 6-15	UNIT	297.000				
20100210	TREE REMOV OVER 15	UNIT	882.000				
20101000	TEMPORARY FENCE	FOOT	2,733.000				
20200500	EARTH EXC WID	CU YD	3,623.700				
20300100	CHANNEL EXCAVATION	CU YD	204.000				

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20400800	FURNISHED EXCAVATION	CU YD	1,200.000				
20800150	TRENCH BACKFILL	CU YD	438.300				
21101600	TOPSOIL F & P VAR DP	SQ YD	2,600.000				
21400100	GRADING & SHAP DITCH	FOOT	22,515.000				
25000210	SEEDING CL 2A	ACRE	13.400				
25000400	NITROGEN FERT NUTR	POUND	1,206.000				
25000500	PHOSPHORUS FERT NUTR	POUND	1,206.000				
25000600	POTASSIUM FERT NUTR	POUND	1,206.000				
25000700	AGR GROUND LIMESTONE	TON	26.800				
25100115	MULCH METHOD 2	ACRE	13.400				
28000305	TEMP DITCH CHECKS	FOOT	1,602.000				
28000400	PERIMETER EROS BAR	FOOT	12,561.000				
28000500	INLET & PIPE PROTECT	EACH	54.000				
28100103	STONE RIPRAP CL A2	SQ YD	35.000				
28100105	STONE RIPRAP CL A3	SQ YD	575.500				

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28100107	STONE RIPRAP CL A4	SQ YD	63.000				
28100109	STONE RIPRAP CL A5	SQ YD	532.000				
28200200	FILTER FABRIC	SQ YD	1,205.500				
31101200	SUB GRAN MAT B 4	SQ YD	80.000				
35101400	AGG BASE CSE B	TON	8,632.000				
40200800	AGG SURF CSE B	TON	724.000				
40300100	BIT MATLS PR CT	GALLON	8,490.000				
40300300	BIT MATLS C&S CT	GALLON	15,848.000				
40300500	COVER COAT AGG	TON	452.800				
40300600	SEAL COAT AGG	TON	226.400				
40600100	BIT MATLS PR CT	GALLON	27,368.000				
40600300	AGG PR CT	TON	148.000				
40600400	MIX CR JTS FLANGEWYS	TON	40.000				
40600635	LEV BIND MM N70	TON	400.000				
40600982	HMA SURF REM BUTT JT	SQ YD	440.000				

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*ADD 40603315	HMA SC "C" N70	TON	8,173.900				
42000100	PCC PVT 6	SQ YD	80.000				
42001300	PROTECTIVE COAT	SQ YD	446.200				
42400200	PC CONC SIDEWALK 5	SQ FT	2,838.000				
42400800	DETECTABLE WARNINGS	SQ FT	190.000				
44000100	PAVEMENT REM	SQ YD	24.100				
44000600	SIDEWALK REM	SQ FT	614.000				
44201761	CL D PATCH T1 10	SQ YD	41.500				
44201765	CL D PATCH T2 10	SQ YD	256.000				
44201769	CL D PATCH T3 10	SQ YD	239.800				
44201771	CL D PATCH T4 10	SQ YD	464.600				
50105220	PIPE CULVERT REMOV	FOOT	1,665.000				
542A0217	P CUL CL A 1 12	FOOT	326.000				
542A0220	P CUL CL A 1 15	FOOT	250.000				
542A0223	P CUL CL A 1 18	FOOT	128.000				

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542A0229	P CUL CL A 1 24	FOOT	136.000				
542A0241	P CUL CL A 1 36	FOOT	54.000				
542A0253	P CUL CL A 1 48	FOOT	122.000				
542A1063	P CUL CL A 2 18	FOOT	86.000				
542A1069	P CUL CL A 2 24	FOOT	156.000				
542A5473	P CUL CL A 1 EQRS 18	FOOT	72.000				
542A5485	P CUL CL A 1 EQRS 30	FOOT	30.000				
542A5503	P CUL CL A 1 EQRS 48	FOOT	122.000				
54213447	END SECTIONS 12	EACH	27.000				
54213450	END SECTIONS 15	EACH	14.000				
54213453	END SECTIONS 18	EACH	10.000				
54213459	END SECTIONS 24	EACH	18.000				
54213471	END SECTIONS 36	EACH	2.000				
54213483	END SECTIONS 48	EACH	6.000				
54214293	END SEC EQV R-S 18	EACH	4.000				

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54214305	END SEC EQV R-S 30	EACH	2.000				
54214323	END SEC EQV R-S 48	EACH	6.000				
550A0050	STORM SEW CL A 1 12	FOOT	220.000				
550A0120	STORM SEW CL A 1 24	FOOT	76.000				
60218400	MAN TA 4 DIA T1F CL	EACH	2.000				
60221700	MAN TA 5 DIA T8G	EACH	1.000				
60235700	INLETS TA T3F&G	EACH	1.000				
60262700	INLETS RECONST	EACH	1.000				
60262900	INL RECON NEW T1F OL	EACH	1.000				
60406510	FR & LIDS (SALVAGED)	EACH	2.000				
60500060	REMOV INLETS	EACH	1.000				
60603800	COMB CC&G TB6.12	FOOT	261.000				
60604400	COMB CC&G TB6.18	FOOT	22.000				
63200310	GUARDRAIL REMOV	FOOT	234.000				
63400105	GUARD POSTS	EACH	136.000				

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67000500	ENGR FIELD OFFICE B	CAL MO	14.000				
67100100	MOBILIZATION	L SUM	1.000				
70101835	TRAF CONT-PROT BLR 22	L SUM	1.000				
72000100	SIGN PANEL T1	SQ FT	27.300				
73000100	WOOD SIN SUPPORT	FOOT	104.000				
78001100	PT PVT MK LTRS & SYMB	SQ FT	55.000				
78001130	PAINT PVT MK LINE 6	FOOT	8,982.000				

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HOT-MIX ASPHALT - DENSITY TESTING OF LONGITUDINAL JOINTS (BDE)

Effective: January 1, 2010

Revised: April 1, 2012

Description. This work shall consist of testing the density of longitudinal joints as part of the quality control/quality assurance (QC/QA) of hot-mix asphalt (HMA). Work shall be according to Section 1030 of the Standard Specifications except as follows.

Quality Control/Quality Assurance (QC/QA). Delete the second and third sentence of the third paragraph of Article 1030.05(d)(3) of the Standard Specifications.

Add the following paragraphs to the end of Article 1030.05(d)(3) of the Standard Specifications:

“Longitudinal joint density testing shall be performed at each random density test location. Longitudinal joint testing shall be located at a distance equal to the lift thickness or a minimum of 4 in. (100 mm), from each pavement edge. (i.e. for a 5 in. (125 mm) lift the near edge of the density gauge or core barrel shall be within 5 in. (125 mm) from the edge of pavement.) Longitudinal joint density testing shall be performed using either a correlated nuclear gauge or cores.

- a. Confined Edge. Each confined edge density shall be represented by a one-minute nuclear density reading or a core density and shall be included in the average of density readings or core densities taken across the mat which represents the Individual Test.
- b. Unconfined Edge. Each unconfined edge joint density shall be represented by an average of three one-minute density readings or a single core density at the given density test location and shall meet the density requirements specified herein. The three one-minute readings shall be spaced ten feet apart longitudinally along the unconfined pavement edge and centered at the random density test location.”

Revise the Density Control Limits table in Article 1030.05(d)(4) of the Standard Specifications to read:

“Mixture Composition	Parameter	Individual Test (includes confined edges)	Unconfined Edge Joint Density Minimum
IL-4.75	Ndesign = 50	93.0 – 97.4%	91.0%
IL-9.5, IL-12.5	Ndesign ≥ 90	92.0 – 96.0%	90.0%
IL-9.5,IL-9.5L, IL-12.5	Ndesign < 90	92.5 – 97.4%	90.0%
IL-19.0, IL-25.0	Ndesign ≥ 90	93.0 – 96.0%	90.0%
IL-19.0, IL-19.0L, IL-25.0	Ndesign < 90	93.0 – 97.4%	90.0%
SMA	Ndesign = 50 & 80	93.5 – 97.4%	91.0%
All Other	Ndesign = 30	93.0 - 97.4%	90.0%”

Added 6-04-2012

FUEL COST ADJUSTMENT (BDE) (RETURN FORM WITH BID)

Effective: April 1, 2009

Revised: July 1, 2009

Description. Fuel cost adjustments will be made to provide additional compensation to the Contractor, or a credit to the Department, for fluctuations in fuel prices when optioned by the Contractor. The bidder shall indicate on the attached form whether or not this special provision will be part of the contract and submit the completed form with his/her bid. Failure to submit the form or failure to indicate contract number, company name and sign and date the form shall make this contract exempt of fuel cost adjustments for all categories of work. Failure to indicate "Yes" for any category of work will make that category of work exempt from fuel cost adjustment.

General. The fuel cost adjustment shall apply to contract pay items as grouped by category. The adjustment shall only apply to those categories of work checked "Yes", and only when the cumulative plan quantities for a category exceed the required threshold. Adjustments to work items in a category, either up or down, and work added by adjusted unit price will be subject to fuel cost adjustment only when the category representing the added work was subject to the fuel cost adjustment. Added work paid for by time and materials will not be subject to fuel cost adjustment. Category descriptions and thresholds for application and the fuel usage factors which are applicable to each are as follows:

(a) Categories of Work.

- (1) Category A: Earthwork. Contract pay items performed under Sections 202, 204, and 206 including any modified standard or nonstandard items where the character of the work to be performed is considered earthwork. The cumulative total of all applicable item plan quantities shall exceed 25,000 cu yd (20,000 cu m). Included in the fuel usage factor is a weighted average 0.10 gal/cu yd (0.50 liters/cu m) factor for trucking.
- (2) Category B: Subbases and Aggregate Base Courses. Contract pay items constructed under Sections 311, 312 and 351 including any modified standard or nonstandard items where the character of the work to be performed is considered construction of a subbase or aggregate, stabilized or modified base course. The cumulative total of all applicable item plan quantities shall exceed 5000 tons (4500 metric tons). Included in the fuel usage factor is a 0.60 gal/ton (2.50 liters/metric ton) factor for trucking.
- (3) Category C: Hot-Mix Asphalt (HMA) Bases, Pavements and Shoulders. Contract pay items constructed under Sections 355, 406, 407 and 482 including any modified standard or nonstandard items where the character of the work to be performed is considered HMA bases, pavements and shoulders. The cumulative total of all applicable item plan quantities shall exceed 5000 tons (4500 metric tons). Included in the fuel usage factor is 0.60 gal/ton (2.50 liters/metric ton) factor for trucking.
- (4) Category D: Portland Cement Concrete (PCC) Bases, Pavements and Shoulders. Contract pay items constructed under Sections 353, 420, 421 and 483 including any modified standard or nonstandard items where the character of the work to be performed is considered PCC base, pavement or shoulder. The cumulative total of all applicable item plan quantities shall exceed 7500 sq yd (6000 sq m). Included in the fuel usage factor is 1.20 gal/cu yd (5.94 liters/cu m) factor for trucking.

Added 6-04-2012

(5) Category E: Structures. Structure items having a cumulative bid price that exceeds \$250,000 for pay items constructed under Sections 502, 503, 504, 505, 512, 516 and 540 including any modified standard or nonstandard items where the character of the work to be performed is considered structure work when similar to that performed under these sections and not included in categories A through D.

(b) Fuel Usage Factors.

English Units		
Category	Factor	Units
A - Earthwork	0.34	gal / cu yd
B – Subbase and Aggregate Base courses	0.62	gal / ton
C – HMA Bases, Pavements and Shoulders	1.05	gal / ton
D – PCC Bases, Pavements and Shoulders	2.53	gal / cu yd
E – Structures	8.00	gal / \$1000

Metric Units		
Category	Factor	Units
A - Earthwork	1.68	liters / cu m
B – Subbase and Aggregate Base courses	2.58	liters / metric ton
C – HMA Bases, Pavements and Shoulders	4.37	liters / metric ton
D – PCC Bases, Pavements and Shoulders	12.52	liters / cu m
E – Structures	30.28	liters / \$1000

(c) Quantity Conversion Factors.

Category	Conversion	Factor
B	sq yd to ton	0.057 ton / sq yd / in depth
	sq m to metric ton	0.00243 metric ton / sq m / mm depth
C	sq yd to ton	0.056 ton / sq yd / in depth
	sq m to metric ton	0.00239 m ton / sq m / mm depth
D	sq yd to cu yd	0.028 cu yd / sq yd / in depth
	sq m to cu m	0.001 cu m / sq m / mm depth

Method of Adjustment. Fuel cost adjustments will be computed as follows.

$$CA = (FPI_P - FPI_L) \times FUF \times Q$$

Where: CA = Cost Adjustment, \$
 FPI_P = Fuel Price Index, as published by the Department for the month the work is performed, \$/gal (\$/liter)
 FPI_L = Fuel Price Index, as published by the Department for the month prior to the letting, \$/gal (\$/liter)
 FUF = Fuel Usage Factor in the pay item(s) being adjusted
 Q = Authorized construction Quantity, tons (metric tons) or cu yd (cu m)

The entire FUF indicated in paragraph (b) will be used regardless of use of trucking to perform the work.

Progress Payments. Fuel cost adjustments will be calculated for each calendar month in which applicable work is performed; and will be paid or deducted when all other contract requirements for the items of work are satisfied. The adjustments shall not apply during contract time subject to liquidated damages for completion of the entire contract.

Final Quantities. Upon completion of the work and determination of final pay quantities, an adjustment will be prepared to reconcile any differences between estimated quantities previously paid and the final quantities. The value for the balancing adjustment will be based on a weighted average of FPI_P and Q only for those months requiring the cost adjustment. The cost adjustment will be applicable to the final measured quantities of all applicable pay items.

Basis of Payment. Fuel cost adjustments may be positive or negative but will only be made when there is a difference between the FPI_L and FPI_P in excess of five percent, as calculated by:

$$\text{Percent Difference} = \{(FPI_L - FPI_P) \div FPI_L\} \times 100$$

Return With Bid

**ILLINOIS DEPARTMENT
OF TRANSPORTATION**

**OPTION FOR
FUEL COST ADJUSTMENT**

The bidder shall submit this completed form with his/her bid. Failure to submit the form or properly complete contract number, company name, and sign and date the form shall make this contract exempt of fuel cost adjustments in all categories. Failure to indicate "Yes" for any category of work at the time of bid will make that category of work exempt from fuel cost adjustment. After award, this form, when submitted shall become part of the contract.

Contract No.: _____

Company Name: _____

Contractor's Option:

Is your company opting to include this special provision as part of the contract plans for the following categories of work?

- Category A Earthwork. Yes
- Category B Subbases and Aggregate Base Courses Yes
- Category C HMA Bases, Pavements and Shoulders Yes
- Category D PCC Bases, Pavements and Shoulders Yes
- Category E Structures Yes

Signature: _____ **Date:** _____