Illinois Department of Transportation
2300 South Dirksen Parkway / Springfield, Illinois / 62764

June 5, 2012

SUBJECT: FAP Route 358 (US 30)
Project HSIP-0353(021)
Section 23-N-4
Cook County
Contract No. 60L21
Item No. 3, 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 the Table of Contents to Special Provisions.
3. Revised pages 2, 3, & 4 of the Special Provisions.
4. Added pages 159 - 165 to the Special Provisions.
5. Revised sheets 2, 5, 9, 15-23 & 29 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.
Engineer of Project Management

cc: John Fortmann, Region 1, District 1; Mike Renner; Estimates

TBW/MS/ks

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF PRICES
CONTRACT NUMBER - 60L21

State Job # - C-91-657-10

		Project Number	Route
County Name -	COOK- -	HSIP-0353/021/	FAP 353
Code -	31 - -		
District -	1 - -	*REVISED: JUNE 01, 2012	
Section Number -	23-N-4		

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
X0324085	EM VEH P S LSC 20 3C	FOOT	317.000				
X2020110	GRADING & SHAP SHLDRS	UNIT	12.000				
X5537800	SS CLEANED 12	FOOT	70.000				
X6030310	FR & LIDS ADJUST SPL	EACH	6.000				
X6640300	CH LK FENCE REMOV	FOOT	15.000				
X7010216	TRAF CONT & PROT SPL	L SUM	1.000				
X7030025	WET REF TEM TP T3 L&S	SQ FT	72.600				
X7030030	WET REF TEM TAPE T3 4	FOOT	3,500.000				
X7030040	WET REF TEM TAPE T3 6	FOOT	204.000				
X8620200	UNINTER POWER SUP SPL	EACH	1.000				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000				
Z0018500	DRAINAGE STR CLEANED	EACH	16.000				
Z0030850	TEMP INFO SIGNING	SQ FT	102.800				
Z0073510	TEMP TR SIGNAL TIMING	EACH	1.000				
20100110	TREE REMOV 6-15	UNIT	45.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
20101000	TEMPORARY FENCE	FOOT	300.000				
20101200	TREE ROOT PRUNING	EACH	3.000				
20101300	TREE PRUN 1-10	EACH	3.000				
20101400	NITROGEN FERT NUTR	POUND	3.000				
20101600	POTASSIUM FERT NUTR	POUND	3.000				
20200100	EARTH EXCAVATION	CU YD	1,455.000				
20201200	REM & DISP UNS MATL	CU YD	670.000				
20400800	FURNISHED EXCAVATION	CU YD	360.000				
20800150	TRENCH BACKFILL	CU YD	104.000				
21001000	GEOTECH FAB F/GR STAB	SQ YD	855.000				
21101615	TOPSOIL F & P 4	SQ YD	5,024.000				
21101685	TOPSOIL F & P 24	SQ YD	635.000				
21400100	GRADING & SHAP DITCH	FOOT	2,377.000				
25000210	SEEDING CL 2A	ACRE	0.600				
25000400	NITROGEN FERT NUTR	POUND	70.000				

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25000500	PHOSPHORUS FERT NUTR	POUND	70.000				
25000600	POTASSIUM FERT NUTR	POUND	70.000				
25100630	EROSION CONTR BLANKET	SQ YD	2,776.000				
25200110	SODDING SALT TOLERANT	SQ YD	2,753.000				
25200200	SUPPLE WATERING	UNIT	56.000				
28000305	TEMP DITCH CHECKS	FOOT	36.000				
28000400	PERIMETER EROS BAR	FOOT	1,100.000				
28000510	INLET FILTERS	EACH	10.000				
28100107	STONE RIPRAP CL A4	SQ YD	60.000				
28200200	FILTER FABRIC	SQ YD	60.000				
30300112	AGG SUBGRADE IMPR 12	SQ YD	1,235.000				
31101200	SUB GRAN MAT B 4	SQ YD	1,900.000				
35501308	HMA BASE CSE 6	SQ YD	595.000				
35600711	HMA BC WID 8 3/4	SQ YD	263.000				
40200300	AGG SURF CSE A 4	SQ YD	33.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
40600200	BIT MATLS PR CT	TON	5.000				
40600300	AGG PR CT	TON	25.000				
40600400	MIX CR JTS FLANGEWYS	TON	19.000				
40600895	CONSTRUC TEST STRIP	EACH	1.000				
40600982	HMA SURF REM BUTT JT	SQ YD	88.000				
40601005	HMA REPL OVER PATCH	TON	53.000				
40603335	HMA SC "D" N50	TON	126.000				
40603340	HMA SC "D" N70	TON	148.000				
40603595	P HMA SC "F" N90	TON	1,410.000				
42001300	PROTECTIVE COAT	SQ YD	736.000				
42400200	PC CONC SIDEWALK 5	SQ FT	200.000				
42400800	DETECTABLE WARNINGS	SQ FT	120.000				
44000157	HMA SURF REM 2	SQ YD	13,060.000				
44000500	COMB CURB GUTTER REM	FOOT	2,920.000				
44000600	SIDEWALK REM	SQ FT	3,020.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
44002212	HMA RM OV PATCH 3	SQ YD	316.000				
44003100	MEDIAN REMOVAL	SQ FT	10,655.000				
44201765	CL D PATCH T2 10	SQ YD	140.000				
44201769	CL D PATCH T3 10	SQ YD	80.000				
44201771	CL D PATCH T4 10	SQ YD	58.000				
*ADD 44300200	STRIP REF CR CON TR	FOOT	725.000				
48101500	AGGREGATE SHLDS B 6	SQ YD	165.000				
48102100	AGG WEDGE SHLD TYPE B	TON	62.000				
48203029	HMA SHOULDERS 8	SQ YD	420.000				
54213657	PRC FLAR END SEC 12	EACH	2.000				
54213660	PRC FLAR END SEC 15	EACH	1.000				
54213669	PRC FLAR END SEC 24	EACH	1.000				
54247130	GRATING-C FL END S 24	EACH	1.000				
550A0340	STORM SEW CL A 2 12	FOOT	121.000				
550A0360	STORM SEW CL A 2 15	FOOT	95.000				

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550A0410	STORM SEW CL A 2 24	FOOT	430.000				
55100500	STORM SEWER REM 12	FOOT	20.000				
56400100	FIRE HYDNTS TO BE MVD	EACH	2.000				
60200205	CB TA 4 DIA T1F CL	EACH	1.000				
60200805	CB TA 4 DIA T8G	EACH	1.000				
60208240	CB TC T24F&G	EACH	1.000				
60221100	MAN TA 5 DIA T1F CL	EACH	1.000				
60300105	FR & GRATES ADJUST	EACH	4.000				
60600095	CLASS SI CONC OUTLET	CU YD	2.500				
60603800	COMB CC&G TB6.12	FOOT	1,055.000				
60605000	COMB CC&G TB6.24	FOOT	565.000				
60619600	CONC MED TSB6.12	SQ FT	3,490.000				
66900200	NON SPL WASTE DISPOSL	CU YD	1,152.000				
66900450	SPL WASTE PLNS/REPORT	L SUM	1.000				
66900530	SOIL DISPOSAL ANALY	EACH	4.000				

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67000400	ENGR FIELD OFFICE A	CAL MO	6.000				
67100100	MOBILIZATION	L SUM	1.000				
70103815	TR CONT SURVEILLANCE	CAL DA	25.000				
70300100	SHORT TERM PAVT MKING	FOOT	500.000				
70300210	TEMP PVT MK LTR & SYM	SQ FT	425.700				
70300220	TEMP PVT MK LINE 4	FOOT	6,020.000				
70300240	TEMP PVT MK LINE 6	FOOT	1,284.000				
70300250	TEMP PVT MK LINE 8	FOOT	167.000				
70300260	TEMP PVT MK LINE 12	FOOT	367.000				
70300280	TEMP PVT MK LINE 24	FOOT	172.000				
70301000	WORK ZONE PAVT MK REM	SQ FT	1,235.000				
72000100	SIGN PANEL T1	SQ FT	15.000				
72000200	SIGN PANEL T2	SQ FT	30.000				
78000100	THPL PVT MK LTR & SYM	SQ FT	425.700				
78000200	THPL PVT MK LINE 4	FOOT	6,020.000				

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78000400	THPL PVT MK LINE 6	FOOT	1,284.000				
78000500	THPL PVT MK LINE 8	FOOT	167.000				
78000600	THPL PVT MK LINE 12	FOOT	367.000				
78000650	THPL PVT MK LINE 24	FOOT	172.000				
78100100	RAISED REFL PAVT MKR	EACH	70.000				
78300100	PAVT MARKING REMOVAL	SQ FT	150.000				
78300200	RAISED REF PVT MK REM	EACH	42.000				
80500020	SERV INSTALL POLE MT	EACH	1.000				
81028200	UNDRGRD C GALVS 2	FOOT	734.000				
81028210	UNDRGRD C GALVS 2 1/2	FOOT	32.000				
81028230	UNDRGRD C GALVS 3 1/2	FOOT	68.000				
81028240	UNDRGRD C GALVS 4	FOOT	363.000				
81400100	HANDHOLE	EACH	4.000				
81400200	HD HANDHOLE	EACH	5.000				
81400300	DBL HANDHOLE	EACH	1.000				

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85700200	FAC T4 CAB	EACH	1.000				
87301215	ELCBL C SIGNAL 14 2C	FOOT	197.000				
87301225	ELCBL C SIGNAL 14 3C	FOOT	528.000				
87301245	ELCBL C SIGNAL 14 5C	FOOT	1,089.000				
87301255	ELCBL C SIGNAL 14 7C	FOOT	1,923.000				
87301305	ELCBL C LEAD 14 1PR	FOOT	1,823.000				
87301805	ELCBL C SERV 6 2C	FOOT	33.000				
87301900	ELCBL C EGRDC 6 1C	FOOT	616.000				
87501200	TS POST 16	EACH	2.000				
87700220	S MAA & P 36	EACH	1.000				
87700250	S MAA & P 42	EACH	1.000				
87700310	S MAA & P 54	EACH	1.000				
87702426	S MAA & P DMA 28 & 46	EACH	1.000				
87800100	CONC FDN TY A	FOOT	8.000				
87800150	CONC FDN TY C	FOOT	4.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
87800415	CONC FDN TY E 36D	FOOT	53.000				
88030020	SH LED 1F 3S MAM	EACH	5.000				
88030100	SH LED 1F 5S BM	EACH	3.000				
88030110	SH LED 1F 5S MAM	EACH	7.000				
88102717	PED SH LED 1F BM CDT	EACH	2.000				
88200210	TS BACKPLATE LOU ALUM	EACH	12.000				
88500100	INDUCTIVE LOOP DETECT	EACH	8.000				
88600100	DET LOOP T1	FOOT	937.000				
88700200	LIGHT DETECTOR	EACH	2.000				
88700300	LIGHT DETECTOR AMP	EACH	1.000				
88800100	PED PUSH-BUTTON	EACH	2.000				
89000100	TEMP TR SIG INSTALL	EACH	1.000				
89502375	REMOV EX TS EQUIP	EACH	1.000				
89502380	REMOV EX HANDHOLE	EACH	7.000				
89502382	REMOV EX DBL HANDHOLE	EACH	1.000				

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89502385	REMOV EX CONC FDN	EACH	9.000				

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STATUS OF UTILITIES TO BE ADJUSTED

Effective: January 30, 1987 Revised: July 1, 1994

Utility companies involved in this project have provided the following estimated dates:

Name of Utility	Type	Location	Estimated Dates for Start and Completion of Relocation or Adjustments

NO UTILITIES TO BE ADJUSTED

The above represents the best information available to the Department and is included for the convenience of the bidder. The applicable portions of Articles 105.07 and 107.31 of the Standard Specifications shall apply.

Revised 6-5-2012

CLEANING EXISTING DRAINAGE STRUCTURES
Effective: September 30, 1985 Revised: December 1, 2011

All existing storm sewers, pipe culverts, manholes, catch basins and inlets shall be considered as drainage structures insofar as the interpretation of this Special Provision is concerned. When specified for payment, the location of drainage structures to be cleaned will be shown on the plans.

All existing drainage structures which are to be adjusted or reconstructed shall be cleaned in accordance with Article 602.15 of the Standard Specifications. This work will be paid for in accordance with Article 602.16 of the Standard Specifications.

All other existing drainage structures which are specified to be cleaned on the plans will be cleaned according to Article 602.15 of the Standard Specifications.

Basis of Payment. This work will be paid for at the contract unit price each for DRAINAGE STRUCTURES TO BE CLEANED, and at the contract unit price per foot (meter) for STORM SEWERS TO BE CLEANED, of the diameter specified.

CHAIN LINK FENCE REMOVAL
Description.
This work consists of the removal and satisfactory disposal of existing chain link fence at the locations shown on the plans or as directed by the Engineer.

General.
The chain link fences to be removed are approximately 4 feet and 6 feet in height with the posts set in concrete. Removal shall include posts, fence fabric, fittings, appurtenances, attachments and concrete foundation. Any holes created by removal of the foundation shall be filled with clean earth to eliminate any hazard to the public.

Method of Measurement.
This work will be measured for payment in feet along the top of the fence from end to end of the fence removed

Basis of Payment.
This work will be paid for at the contract unit price per foot for CHAIN LINK FENCE REMOVAL, which price shall include all equipment, labor, and materials required to remove and dispose of existing chain link fence and restore the site as herein specified.

Revised 6-15-2012

TRAFFIC CONTROL AND PROTECTION (ARTERIALS)
Effective: February 1, 1996 Revised: March 1, 2011

Specific traffic control plan details and Special Provisions have been prepared for this contract. This work shall include all labor, materials, transportation, handling and incidental work necessary to furnish, install, maintain and remove all traffic control devices required as indicated in the plans and as approved by the Engineer.

When traffic is to be directed over a detour route, the Contractor shall furnish, erect, maintain and remove all applicable traffic control devices along the detour route according to the details shown in the plans.

Method of Measurement: All traffic control (except Traffic Control and Protection (Expressways)) and temporary pavement markings) indicated on the traffic control plan details and specified in the Special Provisions will be measured for payment on a lump sum basis.

Basis of Payment: All traffic control and protection will be paid for at the contract lump sum price for TRAFFIC CONTROL AND PROTECTION (SPECIAL).

Temporary pavement markings will be paid for separately unless shown on a Standard.

TRAFFIC CONTROL PLAN
Effective: September 30, 1985 Revised: January 1, 2007
Traffic Control shall be according to the applicable sections of the Standard Specifications, the Supplemental Specifications, the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways", any special details and Highway Standards contained in the plans, and the Special Provisions contained herein.

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.

STANDARDS: ***701006*** 701101, 701106, 701326, 701501, 701601, 701701, 701801, 701901, 720001

DETAILS: Traffic Control and Protection for Side Roads, Intersections and Driveways (TC-10)
Typical Applications Raised Reflective Pavement Markers (Snow-Plow Resistant) (TC-11)
District One Typical Pavement Markings (TC-13)
Traffic Control and Protection at Turn Bays (To Remain Open to Traffic) (TC-14)
Pavement Marking Letters and Symbols for Traffic Staging (TC-16)
Temporary Information Signing (TC-22)
Driveway Entrance Signing (TC-26)

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REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES

This work shall be according to Article 669 of the Standard Specifications and the following:

Revise the second and third sentence of the first paragraph of Article 669.08 to read: The affected area shall be monitored with a photo ionization detector (PID) utilizing a lamp of 10.6 eV or greater or an instrument with a flame ionization detector (FID). Any reading on the PID or FID in excess of background levels indicates the potential presence of contaminated material requiring it to be properly managed as either a non-special waste, non-hazardous special waste, or hazardous waste.

Revise the fourth and fifth sentence of the second paragraph of Article 669.08 to read: When the analytical results indicate that detected levels are at or below the most stringent maximum allowable concentration (MAC) for chemical constituents in uncontaminated soil established pursuant to the proposed Subpart F of 35 Illinois Administrative Code (IAC) 1100.605, the soil excavated shall be included in the storm sewer or earth excavation, as appropriate, and backfill shall be in accordance to Article 205 and/or 208. When the analytical results indicate that detected levels are above the most stringent MAC for chemical constituents in uncontaminated soil established pursuant to the proposed Subpart F of 35 IAC 1100.605, the soil excavated shall be considered a waste and managed appropriately.

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 non-special waste. This work shall include monitoring and potential sampling, analytical testing, and management of a material contaminated by regulated substances.

A) The Environmental Firm shall continuously monitor all soil excavation for worker protection and the Contractor shall manage any excavated soils **within the construction limits of this project as fill.** Although the soil concentrations exceed the definition of uncontaminated soil, they can be utilized within the construction limits as fill. All storm sewer excavated soils can be placed back into the excavated trench backfill or used within the construction limits of this project as fill. If the soils cannot be utilized within the construction limits as fill then they must be managed off-site as a non-special waste. The following areas can be managed within the construction limits as fill.

    1. Station 493+00 to Station 500+00 0 to 80 feet LT (Walgreens, Site 1848-4, 5640 West Lincoln Highway) – non-special waste. Possible Contaminants of concern: PNAs and Metals.
    2. Station 493+00 to Station 500+00 0 to 80 feet RT (Agricultural Field, Site 1848-3, 21220 and 21342 Central Avenue) – non-special waste. Possible Contaminants of concern: PNAs and Metals.

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Station 500+00 to Station 507+00 0 to 80 feet LT (Vacant Lot, Site 1848-7, 1021 Central Avenue) – non-special waste. Possible Contaminants of concern: PNAs and Metals.

3. Station 500+00 to Station 507+00 0 to 80 feet RT (Vacant Lot, Site 1848-8, 21249 Central Avenue) – non-special waste. Possible Contaminants of concern: VOC, PNAs, and Metals.

PROTECTION OF EXISTING TREES

The Contractor shall be responsible for taking measures to minimize damage to the tree limbs, tree trunks, and tree roots at each work site. All such measures shall be included in the contract price for other work except that payment will be made for TEMPORARY FENCE, TREE ROOT PRUNING, and TREE PRUNING.

All work, materials and equipment shall conform to Section 201 and 1081 of the Standard Specifications except as modified herein.

A. Earth Saw Cut of Tree Roots (Root Pruning):

1. Whenever proposed excavation falls within a drip-line of a tree, the Contractor shall:

   a. Root prune 6-inches behind and parallel to the proposed edge of trench a neat, clean vertical cut to a minimum depth directed by the Engineer through all affected tree roots.

   b. Root prune to a maximum width of 4-inches using a “Vermeer” wheel, or other similar machine. Trenching machines will not be permitted.

   c. Exercise care not to cut any existing utilities.

   d. If during construction it becomes necessary to expose tree roots which have not been precut, the Engineer shall be notified and the Contractor shall provide a clean, vertical cut at the proper root location, nearer the tree trunk, as necessary, by means of hand-digging and trimming with chain saw or hand saw. Ripping, shredding, shearing, chopping or tearing will not be permitted.

   e. Top Pruning: When thirty percent (30%) or more of the root zone is pruned, an equivalent amount of the top vegetative growth or the plant material shall be pruned off within one (1) week following root pruning.

2. Whenever curb and gutter is removed for replacement, or excavation for removal of or construction of a structure is within the drip line/root zone of a tree, the Contractor shall:

   a. Root prune 6-inches behind the curbing so as to neatly cut the tree roots.

   b. Depth of cut shall be 12 inches for curb removal and replacement and 24 inches for structural work. Any roots encountered at a greater depth shall be neatly saw cut at no additional cost.

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c. Locations where earth saw cutting of tree roots is required will be marked in the field by the Engineer.

3. All root pruning work is to be performed through the services of a licensed arborist to be approved by the Engineer.

Root pruning will be paid for at the contract unit price each for TREE ROOT PRUNING, which price shall be payment for all labor, materials and equipment.

Tree limb pruning will be paid for at the contract unit price per each for TREE PRUNING (1 TO 10 INCH DIAMETER) and/or TREE PRUNING (OVER 10 INCH DIAMETER), which price shall included labor, materials, and equipment.

B. Temporary Fence:

1. The Contractor shall erect a temporary fence around all trees within the construction area to establish a “tree protection zone” before any work begins or any material is delivered to the jobsite. No work is to be performed (other than root pruning), materials stored or vehicles driven or parked within the “tree protection zone”.

2. The exact location and establishment of the “tree protection zone” fence shall be approved by the Engineer prior to setting the fence.

3. The fence shall be erected on three sides of the tree at the drip-line of the tree or as determined by the Engineer.

4. All work within the “tree protection zone” shall have the Engineer’s prior approval. All slopes and other areas not regarded should be avoided so that unnecessary damage is not done to the existing turf, tree root system ground cover.

5. The grade within the “tree protection zone” shall not be changed unless approved by the Engineer prior to making said changes or performing the work.

The fence shall be similar to wood lath snow fence (48 inches high), plastic poly-type or and other type of highly visible barrier approved by the Engineer. This fence shall be properly maintained and shall remain up until final restoration, unless the Engineer directs removal otherwise. Tree fence shall be supported using T-Post style fence posts. **Utilizing re-bar as a fence post will not be permitted.**

Temporary fence will be paid for at the contract unit price per foot for TEMPORARY FENCE, which price shall include furnishing, installing, maintaining, and removing.

C. Tree Limb Pruning:

1. The Contractor shall inspect the work site in advance and arrange with the Roadside Development Unit (847.705.4171) to have any tree limbs pruned that might be damaged by equipment operations at least one week prior to the start of construction. Any tree limbs that are broken by construction equipment after the initial pruning must be pruned correctly within 72 hours.

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2. Top Pruning: When thirty percent (30%) or more of the root zone of a tree is pruned, an equivalent amount of the top vegetative growth or the plant material shall be pruned off within one (1) week following root pruning.

Tree limb pruning will be paid for at the contract unit price per each for TREE PRUNING (1 TO 10 INCH DIAMETER) and/or TREE PRUNING (OVER 10 INCH DIAMETER), which price shall included labor, materials, and equipment.

D. Removal of Driveway Pavement and Sidewalk:

1. In order to minimize the potential damage to the tree root system(s), the Contractor will not be allowed to operate any construction equipment or machinery within the “tree protection zone” located between the curb or edge of pavement and the right-of-way property line.

2. Sidewalk to be removed in the areas adjacent to the “tree protection zones” shall be removed with equipment operated from the street pavement. Removal equipment shall be Gradall (or similar method), or by hand or a combination of these methods. The method of removal shall be approved by the Engineer prior to commencing any work.

3. Any pavement or pavement related work that is removed shall be immediately disposed of from the area and shall not be stockpiled or stored within the parkway area under any circumstances.

E. Backfilling:

1. Prior to placing the topsoil and/or sod, in areas outside the protection zone, the existing ground shall be disked to a depth no greater than one (1”), unless otherwise directed by the Engineer. No grading will be allowed within the drip-line of any tree unless directed by the Engineer.

F. Damages:

1. In the event that a tree not scheduled for removal is injured such that potential irreparable damage may ensure, as determined by the Roadside Development Unit, the Contractor shall be required to remove the damage tree and replace it on a three to one (3:1) basis, at his own expense. The Roadside Development Unit will select replacement trees from the pay items already established in the contract.

2. The Contractor shall place extreme importance upon the protection and care of trees and shrubs which are to remain during all times of this improvement. It is of paramount importance that the trees and shrubs which are to remain are adequately protected by the Contractor and made safe from harm and potential damage from the operations and construction of this improvement. If the Contractor is found to be in violation of storage or operations within the “tree protection zone” or construction activities not approved by the Engineer, a penalty shall be levied against the Contractor with the monies being deducted from the contract. The amount of the penalty shall be two hundred fifty dollars ($250.00) per occurrence per day.

Added 6-5-2012

TEMPORARY DITCH CHECKS

This Special Provision revises Section 280 of the Standard Specifications for Road and Bridge Construction to eliminate the use of Aggregate Ditch Checks and Hay or Straw Bales for Temporary Ditch Checks.

Revise second sentence of Article 280.04(a) Temporary Ditch Checks as follows: Temporary ditch checks shall be constructed with products from the Department's approved list except for the following hay or straw bales nor aggregate ditch checks.

Add to Article 280.04 (a), Temporary Ditch Checks: Temporary Ditch Checks shall be at least 3.66 meters (12 feet) or longer in length.

METAL HARDWARE CAST INTO CONCRETE (BDE)

Effective: April 1, 2008 Revised: January 1, 2012

Add the following to Article 503.02 of the Standard Specifications:

"(h) Metal Hardware Cast into Concrete ..... 1006.13"

Add the following to Article 504.02 of the Standard Specifications:

"(j) Metal Hardware Cast into Concrete ..... 1006.13"

Revise Article 1006.13 of the Standard Specifications to read:

"**1006.13 Metal Hardware Cast into Concrete.** Unless otherwise noted, all steel hardware cast into concrete, such as inserts, brackets, cable clamps, metal casings for formed holes, and other miscellaneous items, shall be galvanized according to AASHTO M 232 or AASHTO M 111. Aluminum inserts will not be allowed. Zinc alloy inserts shall be according to ASTM B 86, Alloys 3, 5, or 7.

When stainless steel junction boxes or other stainless steel appurtenances are specified, Type 304 stainless steel hardware shall be used when cast into concrete.

The inserts shall be UNC threaded type anchorages having the following minimum certified proof load.

Insert Diameter	Proof Load
5/8 in. (16 mm)	6600 lb (29.4 kN)
3/4 in. (19 mm)	6600 lb (29.4 kN)
1 in. (25 mm)	9240 lb (41.1 kN)"

BITUMINOUS MATERIALS COST ADJUSTMENTS (BDE) (RETURN FORM WITH BID)

Effective: November 2, 2006 Revised: January 1, 2012

Description. Bituminous material cost adjustments will be made to provide additional compensation to the Contractor, or credit to the Department, for fluctuations in the cost of bituminous materials when optioned by the Contractor. The adjustments shall apply to

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permanent and temporary hot-mix asphalt (HMA) mixtures, bituminous surface treatments (cover and seal coats), and preventative maintenance type surface treatments. The adjustments shall not apply to bituminous prime coats, tack coats, crack filling/sealing, or joint filling/sealing.

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 fill out the form completely, shall make this contract exempt of bituminous materials cost adjustments.

Method of Adjustment. Bituminous materials cost adjustments will be computed as follows.

$CA = (BPI_P - BPI_L) \times (\%AC_V / 100) \times Q$

Where: CA = Cost Adjustment, $.
BPI_P = Bituminous Price Index, as published by the Department for the month the work is performed, $/ton ($/metric ton).
BPI_L = Bituminous Price Index, as published by the Department for the month prior to the letting, $/ton ($/metric ton).
$\%AC_V$ = Percent of virgin Asphalt Cement in the Quantity being adjusted. For HMA mixtures, the % AC_V will be determined from the adjusted job mix formula. For bituminous materials applied, a performance graded or cutback asphalt will be considered to be 100% AC_V and undiluted emulsified asphalt will be considered to be 65% AC_V.
Q = Authorized construction Quantity, tons (metric tons) (see below).

For HMA mixtures measured in square yards: Q, tons = A x D x (G_{mb} x 46.8) / 2000. For HMA mixtures measured in square meters: Q, metric tons = A x D x (G_{mb} x 24.99) / 1000. When computing adjustments for full-depth HMA pavement, separate calculations will be made for the binder and surface courses to account for their different G_{mb} and % AC_V.

For bituminous materials measured in gallons: Q, tons = V x 8.33 lb/gal x SG / 2000
For bituminous materials measured in liters: Q, metric tons = V x 1.0 kg/L x SG / 1000

Where: A = Area of the HMA mixture, sq yd (sq m).
D = Depth of the HMA mixture, in. (mm).
G_{mb} = Average bulk specific gravity of the mixture, from the approved mix design.
V = Volume of the bituminous material, gal (L).
SG = Specific Gravity of bituminous material as shown on the bill of lading.

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

$\text{Percent Difference} = \{(BPI_L - BPI_P) \div BPI_L\} \times 100$

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

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Return With Bid

ILLINOIS DEPARTMENT OF TRANSPORTATION

OPTION FOR BITUMINOUS MATERIALS COST ADJUSTMENTS

The bidder shall submit this completed form with his/her bid. Failure to submit the form, or failure to fill out the form completely, shall make this contract exempt of bituminous materials cost adjustments. 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?

Yes ☐ No ☐

Signature: _____ **Date:** _____

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