February 28, 2011

SUBJECT: FAI Route 74 (I-74)

Project IM-074-5 (162) 136 Section (57-20(1), 21, 22)RS-3

McLean County Contract No. 70550

Item No. 153, March 11, 2011 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 sheets 7, 8, 12, 13, 27, 37, 41, 46, 50, 84, 85, 90 & 93 of the Plans.
- 3. Revised the Recurring Special Provisions checklist.
- 4. Revised page i of the Table of Contents to the Special Provisions.
- 5. Revised pages 1 4 and 14 of 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,

Scott E. Stitt. P.E.

Acting Engineer of Design and Environment

By: Ted B. Walschleger, P. E.

Tete alse by P.E.

Engineer of Project Management

cc: Joseph E. Crowe, Region 3, District 5; Mike Renner; D. Carl Puzey; Estimates

TBW:DB:jc

* REVISED : FEBRUARY 28, 2011

State Job # - C-95-065-06 PPS NBR - 5-07457-0010

County Name - MCLEAN- -

Code - 113 - -

District - 5 - -

Section Number - (57-20(1),21,22)RS-3

 Project Number
 Route

 IM-074-5/162/136
 FAI 74

| Item | | Unit of | | | | | |
|------------|-----------------------|---------|------------|---|------------|---|-------------|
| Number | Pay Item Description | Measure | Quantity | х | Unit Price | = | Total Price |
| X0322118 | REM CON FLAR END SEC | EACH | 1.000 | | | | |
| X0323583 | SPEED INDICATOR SIGN | CAL DA | 360.000 | | | | |
| X0556100 | PART DEPTH PATCH SPL | SQ YD | 190.000 | | | | |
| X2010350 | TREE REMOV ACRES SPL | ACRE | 0.200 | | | | |
| * X4401198 | HMA SURF REM VAR DP | SQ YD | 51,625.000 | | | | |
| * X4421000 | PARTIAL DEPTH PATCH | TON | 85.000 | | | | |
| X6050700 | REMOVE INLET BOX | EACH | 5.000 | | | | |
| X6340205 | GUARD POSTS REMOV | EACH | 30.000 | | | | |
| * X7015005 | CHANGEABLE MESSAGE SN | CAL DA | 94.000 | | | | |
| Z0002005 | ATTENUATOR BASE | SQ YD | 410.000 | | | | |
| Z0005305 | BOX CUL TO BE CLEANED | FOOT | 125.000 | | | | |
| Z0013798 | CONSTRUCTION LAYOUT | L SUM | 1.000 | | | | |
| Z0014800 | CULVERT TO BE CLEANED | FOOT | 250.000 | | | | |
| Z0022800 | FENCE REMOVAL | FOOT | 135.000 | | | | |
| Z0026346 | NIGHT WORK ZONE LIGHT | L SUM | 1.000 | | | | |

C-95-065-06 State Job # -PPS NBR -5-07457-0010

County Name -MCLEAN- -

Code -113 - -

Section Number -

Project Number IM-074-5/162/136 Route

FAI 74

5 - -District -* REVISED : FEBRUARY 28, 2011 (57-20(1),21,22)RS-3

| Item Number | Pay Item Description | Unit of Measure | Quantity | X | Unit Price | = | Total Price |
|----------------|-----------------------|--------------------|------------|---|------------|---|-------------|
| Z0030150 | IMPACT ATTEN NRD TL3 | EACH | 8.000 | | | | |
| * Z0034105 | MATL TRANSFER DEVICE | TON | 36,160.000 | | | | |
| Z0048665 | RR PROT LIABILITY INS | L SUM | 1.000 | | | | |
| 20200100 | EARTH EXCAVATION | CU YD | 280.000 | | | | |
| 20400800 | FURNISHED EXCAVATION | CU YD | 600.000 | | | | |
| 21400100 | GRADING & SHAP DITCH | FOOT | 1,025.000 | | | | |
| 25000210 | SEEDING CL 2A | ACRE | 3.000 | | | | |
| 25000350 | SEEDING CL 7 | ACRE | 3.000 | | | | |
| 25000400 | NITROGEN FERT NUTR | POUND | 270.000 | | | | |
| 25000500 | PHOSPHORUS FERT NUTR | POUND | 270.000 | | | | |
| 25000600 | POTASSIUM FERT NUTR | POUND | 270.000 | | | | |
| 25100115 | MULCH METHOD 2 | ACRE | 6.000 | | | | |
| 28000250 | TEMP EROS CONTR SEED | POUND | 300.000 | | | | |
| 28000305 | TEMP DITCH CHECKS | FOOT | 325.000 | | | | |
| 28000500 | INLET & PIPE PROTECT | EACH | 20.000 | | | | |

State Job # - C-95-065-06 PPS NBR - 5-07457-0010

County Name - MCLEAN- -

Code - 113 - -

District - 5 - -

Section Number - (57-20(1),21,22)RS-3

 Project Number
 Route

 IM-074-5/162/136
 FAI 74

* REVISED : FEBRUARY 28, 2011

| Item Number | Pay Item Description | Unit of Measure | Quantity | x | Unit Price | = | Total Price |
|----------------|-----------------------|--------------------|------------|---|------------|---|-------------|
| 28100107 | STONE RIPRAP CL A4 | SQ YD | 530.000 | | | | |
| 28200200 | FILTER FABRIC | SQ YD | 530.000 | | | | |
| 40600100 | BIT MATLS PR CT | GALLON | 33,000.000 | | | | |
| 40600300 | AGG PR CT | TON | 655.000 | | | | |
| 40600895 | CONSTRUC TEST STRIP | EACH | 3.000 | | | | |
| * 40600982 | HMA SURF REM BUTT JT | SQ YD | 3,625.000 | | | | |
| 40600990 | TEMPORARY RAMP | SQ YD | 1,600.000 | | | | |
| * 40603244 | P HMA BC IL19.0FGN105 | TON | 17,850.000 | | | | |
| 40603245 | P HMA BC IL19.0 N105 | TON | 2,860.000 | | | | |
| 40603310 | HMA SC "C" N50 | TON | 1,325.000 | | | | |
| 40603320 | HMA SC "C" N90 | TON | 2,715.000 | | | | |
| 40603525 | P HMA SC "C" N105 | TON | 1,750.000 | | | | |
| 40603550 | P HMA SC "D" N105 | TON | 13,700.000 | | | | |
| 40800010 | BIT MATLS PR CT | GALLON | 75.000 | | | | |
| 40800030 | AGG PR CT | TON | 2.000 | | | | |

* REVISED : FEBRUARY 28, 2011

State Job # - C-95-065-06
PPS NBR - 5-07457-0010

County Name - MCLEAN- -

Code - 113 - -

District - 5 - -

Section Number - (57-20(1),21,22)RS-3

 Project Number
 Route

 IM-074-5/162/136
 FAI 74

Item Unit of Number **Total Price** Measure **Unit Price** Pay Item Description Quantity Х = 40800050 INCIDENTAL HMA SURF TON 75.000 44000155 HMA SURF REM 1 1/2 SQ YD 94.000.000 SQ YD 44000156 HMA SURF REM 1 3/4 4,625.000 44000158 HMA SURF REM 2 1/4 SQ YD 21,550.000 44000162 HMA SURF REM 3 1/4 SQ YD 565.000 44000167 HMA SURF REM 4 1/2 SQ YD 1,035.000 SQ YD * 44000169 HMA SURF REM 5 4,900.000 SQ YD 44000171 HMA SURF REM 5 1/2 42,500.000 * DELETED 9,850.000 44000175 HMA SURF REM 6 1/2 SQ YD 44000182 HMA SURF REM 8 SQ YD 5,900.000 **FOOT** 100.000 44004000 PAVED DITCH REMOVAL SQ YD 44200513 CL A PATCH T1 7 5.000 SQ YD 50.000 44200517 CL A PATCH T2 7 SQ YD 20.000 44200521 CL A PATCH T3 7

State Job # - C-95-065-06 PPS NBR - 5-07457-0010

County Name - MCLEAN- -

Code - 113 - -

District - 5 - -

Section Number - (57-20(1),21,22)RS-3

 Project Number
 Route

 IM-074-5/162/136
 FAI 74

* REVISED : FEBRUARY 28, 2011

| ltem Number | Pay Item Description | Unit of Measure | Quantity | x | Unit Price | = | Total Price |
|----------------|----------------------|--------------------|-----------|---|------------|---|-------------|
| 44200523 | CL A PATCH T4 7 | SQ YD | 170.000 | | | | |
| 44200610 | CL A PATCH T2 13 | SQ YD | 50.000 | | | | |
| 44200614 | CL A PATCH T4 13 | SQ YD | 70.000 | | | | |
| 44200970 | CL B PATCH T2 10 | SQ YD | 305.000 | | | | |
| 44200976 | CL B PATCH T4 10 | SQ YD | 100.000 | | | | |
| 44201031 | CL B PATCH T2 15 | SQ YD | 155.000 | | | | |
| 44201063 | CL B PATCH T2 18 | SQ YD | 40.000 | | | | |
| 44201294 | CL B PATCH EXPAN JT | FOOT | 25.000 | | | | |
| 44201299 | DOWEL BARS 1 1/2 | EACH | 1,235.000 | | | | |
| 44201765 | CL D PATCH T2 10 | SQ YD | 710.000 | | | | |
| 44201769 | CL D PATCH T3 10 | SQ YD | 125.000 | | | | |
| 44201771 | CL D PATCH T4 10 | SQ YD | 205.000 | | | | |
| 44213000 | PATCH REINFORCEMENT | SQ YD | 365.000 | | | | |
| 44213100 | PAVEMENT FABRIC | SQ YD | 100.000 | | | | |
| 44213200 | SAW CUTS | FOOT | 4,350.000 | | | | |

* REVISED : FEBRUARY 28, 2011

State Job # - C-95-065-06 PPS NBR - 5-07457-0010

County Name - MCLEAN- -

Code - 113 - - District - 5 - -

Section Number - (57-20(1),21,22)RS-3

Project Number

IM-074-5/162/136

Route

FAI 74

| ltem Number | Pay Item Description | Unit of Measure | Quantity | х | Unit Price | = | Total Price |
|----------------|-----------------------|--------------------|------------|---|------------|---|-------------|
| 44213204 | TIE BARS 3/4 | EACH | 155.000 | | | | |
| 48102100 | AGG WEDGE SHLD TYPE B | TON | 5,400.000 | | | | |
| 48203100 | HMA SHOULDERS | TON | 13,900.000 | | | | |
| 50105220 | PIPE CULVERT REMOV | FOOT | 16.000 | | | | |
| 50300225 | CONC STRUCT | CU YD | 16.000 | | | | |
| 50800205 | REINF BARS, EPOXY CTD | POUND | 2,129.000 | | | | |
| 54002010 | EXPAN BOLTS 1/2 | EACH | 40.000 | | | | |
| 542A0229 | P CUL CL A 1 24 | FOOT | 16.000 | | | | |
| 54213669 | PRC FLAR END SEC 24 | EACH | 1.000 | | | | |
| 54244405 | FL INLT BX MED 542546 | EACH | 5.000 | | | | |
| 54248510 | CONCRETE COLLAR | CU YD | 7.200 | | | | |
| 550B0020 | STORM SEW CL B 1 6 | FOOT | 85.000 | | | | |
| 550B0070 | STORM SEW CL B 1 15 | FOOT | 103.000 | | | | |
| 550B0340 | STORM SEW CL B 2 12 | FOOT | 16.000 | | | | |
| 550B0360 | STORM SEW CL B 2 15 | FOOT | 14.000 | | | | |

State Job # - C-95-065-06 PPS NBR - 5-07457-0010

MCLEAN- -

Code - 113 - -

District - 5 - -

County Name -

Section Number - (57-20(1),21,22)RS-3

Project Number

* REVISED : FEBRUARY 28, 2011

IM-074-5/162/136

Route

FAI 74

| ltem Number | Pay Item Description | Unit of Measure | Quantity | x | Unit Price | = | Total Price |
|----------------|-----------------------|-----------------|-------------|---|------------|---|-------------|
| 55100200 | STORM SEWER REM 6 | FOOT | 75.000 | | | | |
| 55100500 | STORM SEWER REM 12 | FOOT | 16.000 | | | | |
| 55100700 | STORM SEWER REM 15 | FOOT | 115.000 | | | | |
| 60100060 | CONC HDWL FOR P DRAIN | EACH | 1.000 | | | | |
| 63000001 | SPBGR TY A 6FT POSTS | FOOT | 875.000 | | | | |
| 63100045 | TRAF BAR TERM T2 | EACH | 3.000 | | | | |
| 63100089 | TRAF BAR TERM T6B | EACH | 2.000 | | | | |
| 63100167 | TR BAR TRM T1 SPL TAN | EACH | 3.000 | | | | |
| 63300900 | VERT ADJ OF GUARDRL | FOOT | 3,025.000 | | | | |
| 63304805 | TRAF BAR TERM REM T6 | EACH | 2.000 | | | | |
| 63400105 | GUARD POSTS | EACH | 32.000 | | | | |
| 64200105 | SHOULDER RUMBLE STRIP | FOOT | 146,000.000 | | | | |
| 66503200 | BARB WIRE FENCE 5S | FOOT | 135.000 | | | | |
| 67000500 | ENGR FIELD OFFICE B | CAL MO | 8.000 | | | | |
| 67100100 | MOBILIZATION | L SUM | 1.000 | | | | |

State Job # - C-95-065-06 PPS NBR - 5-07457-0010

Project Number IM-074-5/162/136

Route

County Name - MCLEA Code - 113 - -

MCLEAN- - IM-074-5/1

FAI 74

District - 5 - -

* REVISED : FEBRUARY 28, 2011

Section Number - (57-20(1),21,22)RS-3

| Item Number | Pay Item Description | Unit of Measure | Quantity | X | Unit Price | = | Total Price |
|----------------|-----------------------|--------------------|-------------|---|------------|---|-------------|
| 70103800 | TRAF CONTROL SPL | L SUM | 1.000 | | | | |
| 70103815 | TR CONT SURVEILLANCE | CAL DA | 45.000 | | | | |
| 70300100 | SHORT TERM PAVT MKING | FOOT | 21,500.000 | | | | |
| 70300210 | TEMP PVT MK LTR & SYM | SQ FT | 125.000 | | | | |
| 70300220 | TEMP PVT MK LINE 4 | FOOT | 141,100.000 | | | | |
| 70300240 | TEMP PVT MK LINE 6 | FOOT | 375.000 | | | | |
| 70300250 | TEMP PVT MK LINE 8 | FOOT | 2,500.000 | | | | |
| 70300260 | TEMP PVT MK LINE 12 | FOOT | 250.000 | | | | |
| 70300280 | TEMP PVT MK LINE 24 | FOOT | 75.000 | | | | |
| 70301000 | WORK ZONE PAVT MK REM | SQ FT | 53,000.000 | | | | |
| 78000100 | THPL PVT MK LTR & SYM | SQ FT | 125.000 | | | | |
| 78000200 | THPL PVT MK LINE 4 | FOOT | 125,000.000 | | | | |
| 78000400 | THPL PVT MK LINE 6 | FOOT | 375.000 | | | | |
| 78000500 | THPL PVT MK LINE 8 | FOOT | 2,500.000 | | | | |
| 78000600 | THPL PVT MK LINE 12 | FOOT | 250.000 | | | | |

State Job # - C-95-065-06

PPS NBR - 5-07457-0010

County Name - MCLEAN- -

Code - 113 - -

District - 5 - -

Section Number - (57-20(1),21,22)RS-3

Project Number
IM-074-5/162/136

* REVISED : FEBRUARY 28, 2011

Route

FAI 74

| ltem Number | Pay Item Description | Unit of Measure | Quantity | X | Unit Price | = | Total Price |
|----------------|-----------------------|--------------------|------------|---|------------|---|-------------|
| 78000650 | THPL PVT MK LINE 24 | FOOT | 75.000 | | | | |
| 78003110 | PREF PL PM TB LINE 4 | FOOT | 12,000.000 | | | | |
| 78008310 | POLYUREA PM T2 LN 4 | FOOT | 4,100.000 | | | | |
| 78100100 | RAISED REFL PAVT MKR | EACH | 1,400.000 | | | | |
| 78100300 | REPLACEMENT REFLECTOR | EACH | 50.000 | | | | |
| 78200410 | GUARDRAIL MKR TYPE A | EACH | 20.000 | | | | |
| 78201000 | TERMINAL MARKER - DA | EACH | 3.000 | | | | |
| 78300200 | RAISED REF PVT MK REM | EACH | 1,400.000 | | | | |

RECURRING SPECIAL PROVISIONS

The following RECURRING SPECIAL PROVISIONS indicated by an "X" are applicable to this contract and are included by reference:

| CHE | CK S | SHEET# | PAGE NO. |
|-----|------|---|--------------------|
| 1 | Х | Additional State Requirements For Federal-Aid Construction Contracts | |
| | | (Eff. 2-1-69) (Rev. 1-1-10) | |
| 2 | Χ | Subletting of Contracts (Federal-Aid Contracts) (Eff. 1-1-88) (Rev. 5-1-93) | 148 |
| 3 | | EEO (Eff. 7-21-78) (Rev. 11-18-80) | |
| 4 | | Specific Equal Employment Opportunity Responsibilities | |
| | | Non Federal-Aid Contracts (Eff. 3-20-69) (Rev. 1-1-94) | 159 |
| 5 | | Required Provisions - State Contracts (Eff. 4-1-65) (Rev. 1-1-10) | |
| 6 | | Reserved | |
| 7 | | Reserved | |
| 8 | | Haul Road Stream Crossings, Other Temporary Stream Crossings, and | |
| | | In-Stream Work Pads (Eff. 1-2-92) (Rev. 1-1-98) | 171 |
| 9 | Х | Construction Layout Stakes Except for Bridges (Eff. 1-1-99) (Rev. 1-1-07) | |
| 10 | | Construction Layout Stakes (Eff. 5-1-93) (Rev. 1-1-07) | |
| 11 | | Use of Geotextile Fabric for Railroad Crossing (Eff. 1-1-95) (Rev. 1-1-07) | |
| 12 | | Subsealing of Concrete Pavements (Eff. 11-1-84) (Rev. 1-1-07) | |
| 13 | | Hot-Mix Asphalt Surface Correction (Eff. 11-1-87) (Rev. 1-1-09) | |
| 14 | | Pavement and Shoulder Resurfacing (Eff. 2-1-00) (Rev. 1-1-09) | |
| 15 | Χ | PCC Partial Depth Hot-Mix Asphalt Patching (Eff. 1-1-98) (Rev. 1-1-07) | |
| 16 | | Patching with Hot-Mix Asphalt Overlay Removal (Eff. 10-1-95) (Rev. 1-1-07) | |
| 17 | | Polymer Concrete (Eff. 8-1-95) (Rev. 1-1-08) | 190 |
| 18 | | PVC Pipeliner (Eff. 4-1-04) (Rev. 1-1-07) | 192 |
| 19 | | Pipe Underdrains (Eff. 9-9-87) (Rev. 1-1-07) | |
| 20 | Χ | Guardrail and Barrier Wall Delineation (Eff. 12-15-93) (Rev. 1-1-97) | |
| 21 | | Bicycle Racks (Eff. 4-1-94) (Rev. 1-1-07) | |
| 22 | | Temporary Modular Glare Screen System (Eff. 1-1-00) (Rev. 1-1-07) | 200 |
| 23 | | Temporary Portable Bridge Traffic Signals (Eff. 8-1-03) (Rev. 1-1-07) | |
| 24 | Х | Work Zone Public Information Signs (Eff. 9-1-02) (Rev. 1-1-07) | |
| 25 | | Night Time Inspection of Roadway Lighting (Eff. 5-1-96) | |
| 26 | | English Substitution of Metric Bolts (Eff. 7-1-96) | |
| 27 | | English Substitution of Metric Reinforcement Bars (Eff. 4-1-96) (Rev. 1-1-03) | |
| 28 | | Calcium Chloride Accelerator for Portland Cement Concrete (Eff. 1-1-01) | |
| 29 | | Reserved | |
| 30 | | Quality Control of Concrete Mixtures at the Plant | |
| | | (Eff. 8-1-00) (Rev. 1-1-11) | 210 |
| 31 | | Quality Control/Quality Assurance of Concrete Mixtures | |
| • | | (Eff. 4-1-92) (Rev. 1-1-11) | 218 |
| 32 | | Asbestos Bearing Pad Removal (Eff. 11-1-03) | |
| 33 | | Asbestos Hot-Mix Asphalt Surface Removal (Eff. 6-1-89) (Rev. 1-1-09) | |
| | | -1 (, (, (, (| Revised 02/28/2011 |

TABLE OF CONTENTS

| INTENT OF PROJECT | |
|---|------------|
| DESCRIPTION OF PROJECT | 1 |
| TRAFFIC CONTROL PLAN | 2 |
| TRAFFIC CONTROL (SPECIAL) | 7 |
| CHANGEABLE MESSAGE SIGN | |
| COOPERATION BETWEEN CONTRACTORS | 9 |
| NOTIFICATION PRIOR TO ROAD CLOSURES | 9 |
| REQUIRED SEQUENCE OF OPERATIONS | 10 |
| SPEED INDICATOR SIGN | 10 |
| STANDARD SPECIFICATION 701.18 | 11 |
| TRAFFIC CONTROL AND PROTECTION, STANDARD 701401 (SPECIAL) | 11 |
| UNEVEN LANES | |
| GRADING AND SHAPING DITCHES | 12 |
| VERTICAL ADJUSTMENT OF GUARDRAIL | 12 |
| GUARD POSTS | 13 |
| GUARD POST REMOVAL | 13 |
| FENCE REMOVAL | 13 |
| BARBED WIRE FENCE, FIVE STRAND | 14 |
| REMOVE CONCRETE FLARED END SECTIONS | 14 |
| TREE REMOVAL, ACRES (SPECIAL) | 14 |
| HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH | 15 |
| BOX CULVERTS TO BE CLEANED | 16 |
| CULVERT TO BE CLEANED | 16 |
| IMPACT ATTENUATORS | 17 |
| MATERIAL TRANSFER DEVICE (BDE) | 18 |
| RAILROAD PROTECTIVE LIABILITY INSURANCE (5 AND 10) (BDE) | 19 |
| NSRR SPECIAL PROVISIONS FOR PROTECTION OF RAILWAY INTEREST (FOR INF | ORMATION |
| ONLY) | 20 |
| GUARDRAIL INSTALLATION TIME | 33 |
| GUARDRAIL REMOVAL AND INSTALLATION | 33 |
| HMA SURFACE REMOVAL FOR SUBSEQUENT RESURFACING: | 33 |
| HOT MIX ASPHALT (HMA) MIXTURE DESIGN | 33 |
| HOT-MIX ASPHALT MIXTURE IL-19.0FG (BMPR) | 34 |
| PFP HOT MIX ASPHALT RANDOM JOBSITE SAMPLING: (D5) | 35 |
| HOT MIX ASPHALT - PAY FOR PERFORMANCE USING PERCENT WITHIN LIMIT | S -JOBSITE |
| SAMPLING (BMPR) | 35 |
| HOT-MIX ASPHALT SURFACE REMOVAL | 40 |

STATE OF ILLINOIS

SPECIAL PROVISIONS

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction, Adopted January 1, 2007", the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways", and the "Manual of Test Procedures for Materials" in effect on the date of invitation for bids, and the "Supplemental Specifications and Recurring Special Provisions" indicated on the Check Sheet included herein, which apply to and govern the construction of FAI Route 74 (I-74), Project IM-074-5 (162) 136, Section (57-20(1),21,22)RS-3 in McLean County, Contract No. 70550 and, in case of conflict with any part, or parts, of said Specifications, the said Special Provisions shall take precedence and shall govern.

INTENT OF PROJECT

The intent of this project is to patch and resurface FAI-74 in McLean County from East of US 51 to Southeast of Downs. A section of CH 36 will also be improved as part of this project on both sides of the overhead bridge structure (S.N. 057-0127) at the Downs Interchange, CH 36 shall be patched with Class D Patches, milled to a 1-1/2" depth and resurfaced with 1-1/2" of HMA Surface Course or 1-1/2" HMA Shoulders depending on the location. On the I-74 driving lanes, the project will consist of milling the existing HMA Surface and Binder Courses in the driving lanes to bare concrete, patching the remaining concrete pavement with either Class A or Class B Concrete Patches at specified locations, and resurfacing HMA Polymer Binder Courses, as specified, and Polymer HMA Surface Course Mix "D". The passing lanes on I-74 shall either be milled to a 1-1/2" depth or profile milled depending on the location. The passing lanes that are milled to a 1-1/2" depth shall receive 1-1/2" of Polymer HMA Surface Course Mix "C" followed by 1-3/4" Polymer HMA Surface Course Mix "D". The passing lanes that are profile milled shall only receive the 1-3/4" Polymer HMA Surface Course Mix "D". The interchange ramps at the Downs Interchange shall be profile milled, patched with Partial Depth Patches, if necessary, and resurfaced with a 1-3/4" Polymer HMA Surface Course. The surface shall be placed during nighttime ramp closures as discussed in the Traffic Control Plan herein. There are numerous small drainage structures throughout the project limits which are in a state of disrepair caused by the effects of traffic, age, and weathering. These drainage structures shall be repaired as part of this project. This work shall be ongoing with the normal road improvements.

The work on I-74 mainline and CH 36 will be completed by lane closure in accordance with applicable Highway Standards. The Contractor shall utilize methods necessary to protect and preserve the surrounding environment and properties during construction of this project. The Interchange Ramp Work at Downs will be completed by nighttime ramp closures in accordance with applicable Highway Standards and the Traffic Control Plan located elsewhere herein.

DESCRIPTION OF PROJECT

The work on this project shall consist of the following:

- 1. Mill 2-1/4" for 4' from the inside edge of pavement on the passing lane shoulder toward the median on the I-74 median shoulders and inlaying the 2-1/4" HMA Shoulders to allow traffic to travel partially on the median shoulders during the driving lane milling and resurfacing. This is to satisfy subpart K of the Drop-Off Policy.
- 2. Patching the Passing Lanes of I-74 with Class A or Class B Patches as required.
- 3. Milling the I-74 Passing Lanes to a 1-1/2" depth or profile milling as specified.
- 4. Inlaying the Polymer HMA Surface Course Mix "C" on the I-74 Passing Lanes that were milled to a 1-1/2" depth.
- 5. Milling the I-74 Driving Lanes to bare concrete
- 6. Patching the I-74 Driving Lanes with Class A or Class B Concrete Patches at specified locations.
- 7. Laying the same depth of Polymer HMA Binder Courses as the depth of HMA Surface Removal on the I-74 Driving Lanes. Multiple lifts of fine graded binder shall be required.
- 8. Resurfacing I-74 mainline.
- 9. HMA Surface Removal, **Variable Depth (Profile Mill)**, and Partial Depth Patching on the Downs Interchange Ramps.
- 10. Polymer HMA Surface Course Mix "D" on the Ramps.
- 11. Class D HMA Patching on CH 36.
- 12. HMA Surface Removal 1-1/2" on CH 36 Pavement and Shoulders.
- 13. HMA Surfacing of CH 36 Pavement and Shoulders.
- 14. HMA Shoulders on I-74 and Downs Interchange Ramps.
- 15. Aggregate Wedge on I-74 Shoulders.
- 16. Pavement Marking and Markers on I-74, Downs Interchange Ramps, and CH 36.
- 17. Small Drainage Structure Repair work and I-74 Safety Improvements shall proceed with the other work on the contract.

TRAFFIC CONTROL PLAN

Eff. 09-11-1990 Rev. 09-01-2006

Traffic control shall be in accordance with the applicable sections of the Standard Specifications for Road and Bridge Construction, the applicable guidelines contained in the Illinois Manual on Uniform Traffic Control Devices for Streets and Highways, these Special Provisions and any special details and highway standards contained herein and in the plans.

Special attention is called to Articles 107.09 and 107.14 of the Standard Specifications, the following Highway Standards relating to Traffic Control, and the listed Supplemental Specifications and Recurring Special Provisions.

Highway Standards:

701001 701006 701101 701106 701201 701301 701306 701311 701400 701401 701406 701411 701426 701501 701901

Special Provisions:

Traffic Control (Special)
Changeable Message Sign
Cooperation Between Contractors
Notification Prior to Road Closures

Required Sequence of Operations Speed Indicator Sign Standard Specification 701.18 Traffic Control and Protection, Standard 701401 (Special) Uneven Lanes

Revised 02/28/2011

Plan Details:

Traffic Control and Protection Ramps (Partial and Full Closures)
Traffic Control and Protection Standard 701401 (Special);
(DL Inlays)

Limits of Construction: The Contractor shall coordinate the items of work in order to keep hazards and traffic inconveniences to a minimum, as specified below.

- 1. The contractor shall provide, erect and maintain all the necessary barricades, cones, drums, flags and lights for the warning and protection of traffic, as required by Sections 107 and 701 through 703 of the Standard Specifications.
- 2. Work shall not be performed that will reduce the existing vertical clearance on I-74.
- "TRUCKS ENTERING AND LEAVING ROAD" signs shall be displayed as directed by the Engineer during periods when material or equipment is being hauled to or from the project site.
- 4. In addition to the flaggers required by the various standards, additional flaggers shall be provided, if required by the Engineer, and they will be paid in accordance with Article 109.04 of the Standard Specifications.
- 5. The Contractor shall have responsibility for all Traffic Control Devices throughout the entire project. Any additional work or material shall be considered included in the contract unit price for Traffic Control (Special).
- 6. Any inconveniences or delays caused **to** the Contractor in complying with this Special Provision will be considered as included in the contract unit price for Traffic Control (Special) and no additional compensation will be allowed.
- 7. At any particular location, the Contractor shall work on only one side of the pavement at a time and shall keep all equipment, materials and vehicles off the pavement, the shoulder, and right-of- way on the side of the pavement open to traffic. Close coordination with the drainage repair work shall be required to comply with these requirements.

Traffic: It is the intention of the Department that I-74, CH 36, the I-74 frontage road and all interchange ramps at Downs be kept open to traffic at all times during the construction of this section with the exception of the following:

The ramps at the Downs interchange shall be closed for a period of no more than **four** nights as outlined herein. **Ramps** shall be closed to complete the **Polymer** HMA Surface Course,. This nighttime closure shall take place between the hours of 8:00 P.M. and 6:00 A.M. Central Daylight Time.

The ramps shall remain closed to traffic until all Polymer HMA **Surface** work can be completed on the ramps and the ramps can be opened back up to traffic.

Work on the ramps shall be continuous. Only two (2) ramps shall be allowed to be closed at any given time for the Polymer HMA Surface Course work. The ramps shall be completed through the Polymer HMA Surface Course and opened to traffic after the work is complete. No additional compensation shall be due the Contractor for complying with the above sequence of operations. The cost for complying with this sequence of operations shall be considered as included with the Traffic Control (Special) pay item with no additional compensation allowed.

Should the Contractor fail to comply with the time restrictions (for example: open the ramps after 6:00 A.M., or close **the ramps** before 8:00 P.M., the Contractor shall be liable to the Department for the amount of \$1,000 **for each occurrence**, not as a penalty but as liquidated and ascertained damages. Such damages may be deducted by the Department from any monies due the Contractor. These damages shall apply during the contract time and during any extensions of the contract time.

In fixing the damages as set out herein, the desire is to establish a certain mode of calculation for the work because the Department's actual loss, in the event of delay, cannot be predetermined, would be difficult of ascertainment, and a matter of argument and unprofitable litigation. This mode is an equitable rule for measurement of the Department's actual loss and fairly takes into account the loss of use of the roadway if the work is delayed in completion. The Department shall not be required to provide any actual loss to recover these liquidated damages provided herein. Furthermore, no provision of this clause shall be construed as a penalty, as such is not the intention of the parties.

FAI 74 shall have at least one lane of traffic open in both directions at all times. CH 36 and the I-74 Frontage Road shall have at least one-way traffic in the immediate work areas during construction. At all other times, two-way traffic shall be maintained throughout the project.

The Contractor shall provide and maintain access to commercial and private properties abutting the highways being improved in accordance with Article 107.09 of the Standard Specifications. Access to commercial property shall at no time be shut off completely and at no time shall a private entrance be closed for an extended time as determined by the Engineer.

The following traffic control standards shall be utilized during, but not limited to, the listed construction operations:

TRAFFIC CONTROL AND PROTECTION, STANDARD 701001

Traffic Control and Protection, Standard 701001 shall be used for work on the I-74 frontage road that is more than 15' away from the edge of pavement. This work may include but not necessarily be limited to drainage structure improvement work.

Traffic Control and Protection, Standard 701001 will not be measured for payment in accordance with Article 701.19 (a) of the Standard Specifications.

BARBED WIRE FENCE, FIVE STRAND

This work shall consist of the satisfactory erection of the barbed wire fence, fence posts, and attachments as shown on the detail sheet included in the plans, in reasonably close conformance with applicable portions of Section 665 of the Standard Specifications, and as directed by the Engineer. The material for the barbed wire fence, posts, and braces shall be in accordance with Article 1006.28 of the Standard Specifications.

This work will be measured for payment by the lineal feet of barbed wire fence, five strand satisfactorily constructed. This work shall include fence posts, attachments, and appurtenances as shown on the detail sheet included in the plans and as directed by the Engineer and no additional compensation will be due.

REMOVE CONCRETE FLARED END SECTIONS

This work shall consist of the satisfactory removal and disposal of the existing Concrete Flared End Sections as indicated on the drainage structure improvement sheets included in the plans and as directed by the Engineer. The removed end sections shall be disposed of in accordance with Article 202.03 of the Standard Specifications.

This work will be measured for payment by the number of end sections satisfactorily removed and disposed of. Payment for this work will be made for the item REMOVE CONCRETE FLARED END SECTIONS at the contract unit price EACH and no additional compensation will be due.

TREE REMOVAL, ACRES (SPECIAL)

This work shall comply with Section 201 of the Standard Specifications except that Article 201.10 Method of Measurement and Article 201.11 Basis of Payment will be revised as follows: