

If you plan to submit a bid directly to the Department of Transportation

PREQUALIFICATION

Any contractor who desires to become pre-qualified to bid on work advertised by IDOT must submit the properly completed pre-qualification forms to the Bureau of Construction no later than 4:30 p.m. prevailing time twenty-one days prior to the letting of interest. This pre-qualification requirement applies to first time contractors, contractors renewing expired ratings, contractors maintaining continuous pre-qualification or contractors requesting revised ratings. To be eligible to bid, existing pre-qualification ratings must be effective through the date of letting.

REQUESTS FOR AUTHORIZATION TO BID

Contractors wanting to bid on items included in a particular letting must submit the properly completed "Request for Authorization to Bid/or Not For Bid Status" (BDE 124INT) and the ORIGINAL "Affidavit of Availability" (BC 57) to the proper office no later than 4:30 p.m. prevailing time, three (3) days prior to the letting date.

WHO CAN BID ?

Bids will be accepted from only those companies that request and receive written **Authorization to Bid** from IDOT's Central Bureau of Construction.

WHAT CONSTITUTES WRITTEN AUTHORIZATION TO BID?: When a prospective prime bidder submits a "Request for Authorization to Bid/or Not For Bid Status"(BDE 124INT) he/she must indicate at that time which items are being requested For Bidding purposes. Only those items requested For Bidding will be analyzed. After the request has been analyzed, the bidder will be issued an **Authorization to Bid or Not for Bid Report**, approved by the Central Bureau of Construction that indicates which items have been approved For Bidding. If **Authorization to Bid** cannot be approved, the **Authorization to Bid or Not for Bid Report** will indicate the reason for denial.

ABOUT AUTHORIZATION TO BID: Firms that have not received an authorization form within a reasonable time of complete and correct original document submittal should contact the department as to status. This is critical in the week before the letting. These documents must be received three days before the letting date. Firms unsure as to authorization status should call the Prequalification Section of the Bureau of Construction at the number listed at the end of these instructions.

ADDENDA AND REVISIONS: It is the contractor's responsibility to determine which, if any, addenda or revisions pertain to any project they may be bidding. Failure to incorporate all relevant addenda or revisions may cause the bid to be declared unacceptable.

Each addendum will be placed with the contract number. Addenda and revisions will also be placed on the Addendum/Revision Checklist and each subscription service subscriber will be notified by e-mail of each addendum and revision issued.

The Internet is the Department's primary way of doing business. The subscription server e-mails are an added courtesy the Department provides. It is suggested that bidders check IDOT's website at <http://www.dot.il.gov/desenv/delett.html> before submitting final bid information.

IDOT IS NOT RESPONSIBLE FOR ANY E-MAIL FAILURES.

Addenda Questions may be directed to the Contracts Office at (217)782-7806 or D&Econtracts@dot.il.gov

Technical Questions about downloading these files may be directed to Tim Garman (217)524-1642 or Timothy.Garman@illinois.gov.

WHAT MUST BE INCLUDED WHEN BIDS ARE SUBMITTED?: Bidders need not return the entire proposal when bids are submitted. That portion of the proposal that must be returned includes the following:

1. All documents from the Proposal Cover Sheet through the Proposal Bid Bond
2. Other special documentation and/or information that may be required by the contract special provisions

All proposal documents, including Proposal Guaranty Checks or Proposal Bid Bonds, should be stapled together to prevent loss when bids are processed by IDOT personnel.

ABOUT SUBMITTING BIDS: It is recommended that bidders deliver bids in person to insure they arrive at the proper location prior to the time specified for the receipt of bids. Any bid received at the place of letting after the time specified will not be accepted.

WHO SHOULD BE CALLED IF ASSISTANCE IS NEEDED?

Questions Regarding	Call
Prequalification and/or Authorization to Bid	217/782-3413
Preparation and submittal of bids	217/782-7806
Mailing of plans and proposals	217/782-7806

ADDENDUMS AND REVISIONS TO THE PROPOSAL FORMS

Planholders should verify that they have received and incorporated any addendum and/or revision prior to submitting their bid. Failure by the bidder to include an addendum or revision could result in a bid being rejected as irregular.

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RETURN WITH BID

Proposal Submitted By
Name
Address
City

Letting June 11, 2010

BIDDERS NEED NOT RETURN THE ENTIRE PROPOSAL
(See instructions inside front cover)

NOTICE TO PROSPECTIVE BIDDERS

This proposal can be used for bidding purposes by only those companies that request and receive written AUTHORIZATION TO BID from IDOT's Central Bureau of Construction.
(SEE INSTRUCTIONS ON THE INSIDE OF COVER)

Notice to Bidders, Specifications, Proposal, Contract and Contract Bond



Illinois Department
of Transportation

Springfield, Illinois 62764

Contract No. 64F34
ROCK ISLAND County
Section (112Y-1,183MFT)&(13MFT,1R)RS
District 2 Construction Funds
Routes FAU 5773 & FAP 595

PLEASE MARK THE APPROPRIATE BOX BELOW:

- A Bid Bond is included.
- A Cashier's Check or a Certified Check is included.

Plans Included
Herein

Prepared by

Checked by

S

(Printed by authority of the State of Illinois)

INSTRUCTIONS

ABOUT IDOT PROPOSALS: All proposals issued by IDOT are potential bidding proposals. Each proposal contains all Certifications and Affidavits, a Proposal Signature Sheet and a Proposal Bid Bond required for Prime Contractors to submit a bid after written **Authorization to Bid** has been issued by IDOT's Central Bureau of Construction. In addition, this proposal contains new statutory requirements applicable to the use of subcontractors and, in particular, includes the State Required Ethical Standards Governing Subcontractors to be signed and incorporated into all subcontracts.

WHO CAN BID?: Bids will be accepted from only those companies that request and receive written **Authorization to Bid** from IDOT's Central Bureau of Construction. To request authorization, a potential bidder must complete and submit Part B of the Request for Authorization to Bid/or Not For Bid Status form (BDE 124 INT) and submit an original Affidavit of Availability (BC 57).

WHAT CONSTITUTES WRITTEN AUTHORIZATION TO BID?: When a prospective prime bidder submits a "**Authorization to Bid or Not for Bid**" form, he/she must indicate at that time which items are being requested For Bidding purposes. Only those items requested For Bidding will be analyzed. After the request has been analyzed, the bidder will be issued a **Authorization to Bid or Not for Bid Report**, approved by the Central Bureau of Construction, that indicates which items have been approved For Bidding. If **Authorization to Bid** cannot be approved, the **Authorization to Bid or Not for Bid Report** will indicate the reason for denial. If a contractor has requested to bid but has not received a **Authorization to Bid or Not for Bid Report**, they should contact the Central Bureau of Construction in advance of the letting date.

WHAT MUST BE INCLUDED WHEN BIDS ARE SUBMITTED?: Bidders need not return the entire proposal when bids are submitted. That portion of the proposal that must be returned includes the following:

1. All documents from the Proposal Cover Sheet through the Proposal Bid Bond
2. Other special documentation and/or information that may be required by the contract special provisions

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Preparation and submittal of bids	217/782-7806

RETURN WITH BID



PROPOSAL

TO THE DEPARTMENT OF TRANSPORTATION

1. Proposal of _____

Taxpayer Identification Number (Mandatory) _____ a

for the improvement identified and advertised for bids in the Invitation for Bids as:

**Contract No. 64F34
ROCK ISLAND County
Section (112Y-1,183MFT)&(13MFT,1R)RS
Routes FAU 5773 & FAP 595
District 2 Construction Funds**

This project consists of pavement patching on Avenue of the Cities from 0.3 mile west of Kennedy Drive in East Moline to IL Rte. 5 in Carbon Cliff and milling, patching, and resurfacing on IL Rte. 84 and Colona Road from IL Rte 5 in Carbon Cliff to the Henry County Line at the Rock River.

2. The undersigned bidder will furnish all labor, material and equipment to complete the above described project in a good and workmanlike manner as provided in the contract documents provided by the Department of Transportation. This proposal will become part of the contract and the terms and conditions contained in the contract documents shall govern performance and payments.

RETURN WITH BID

3. **ASSURANCE OF EXAMINATION AND INSPECTION/WAIVER.** The undersigned further declares that he/she has carefully examined the proposal, plans, specifications, addenda, form of contract and contract bond, and special provisions, and that he/she has inspected in detail the site of the proposed work, and that he/she has familiarized themselves with all of the local conditions affecting the contract and the detailed requirements of construction, and understands that in making this proposal he/she waives all right to plead any misunderstanding regarding the same.
4. **EXECUTION OF CONTRACT AND CONTRACT BOND.** The undersigned further agrees to execute a contract for this work and present the same to the department within fifteen (15) days after the contract has been mailed to him/her. The undersigned further agrees that he/she and his/her surety will execute and present within fifteen (15) days after the contract has been mailed to him/her contract bond satisfactory to and in the form prescribed by the Department of Transportation, in the penal sum of the full amount of the contract, guaranteeing the faithful performance of the work in accordance with the terms of the contract.
5. **PROPOSAL GUARANTY.** Accompanying this proposal is either a bid bond on the department form, executed by a corporate surety company satisfactory to the department, or a proposal guaranty check consisting of a bank cashier's check or a properly certified check for not less than 5 per cent of the amount bid or for the amount specified in the following schedule:

<u>Amount of Bid</u>		<u>Proposal Guaranty</u>	<u>Amount of Bid</u>		<u>Proposal Guaranty</u>	
Up to	\$5,000	\$150	\$2,000,000	to	\$3,000,000	\$100,000
\$5,000	to \$10,000	\$300	\$3,000,000	to	\$5,000,000	\$150,000
\$10,000	to \$50,000	\$1,000	\$5,000,000	to	\$7,500,000	\$250,000
\$50,000	to \$100,000	\$3,000	\$7,500,000	to	\$10,000,000	\$400,000
\$100,000	to \$150,000	\$5,000	\$10,000,000	to	\$15,000,000	\$500,000
\$150,000	to \$250,000	\$7,500	\$15,000,000	to	\$20,000,000	\$600,000
\$250,000	to \$500,000	\$12,500	\$20,000,000	to	\$25,000,000	\$700,000
\$500,000	to \$1,000,000	\$25,000	\$25,000,000	to	\$30,000,000	\$800,000
\$1,000,000	to \$1,500,000	\$50,000	\$30,000,000	to	\$35,000,000	\$900,000
\$1,500,000	to \$2,000,000	\$75,000	over		\$35,000,000	\$1,000,000

Bank cashier's checks or properly certified checks accompanying proposals shall be made payable to the Treasurer, State of Illinois, when the state is awarding authority; the county treasurer, when a county is the awarding authority; or the city, village, or town treasurer, when a city, village, or town is the awarding authority.

If a combination bid is submitted, the proposal guaranties which accompany the individual proposals making up the combination will be considered as also covering the combination bid.

The amount of the proposal guaranty check is _____ \$(_____). If this proposal is accepted and the undersigned shall fail to execute a contract bond as required herein, it is hereby agreed that the amount of the proposal guaranty shall become the property of the State of Illinois, and shall be considered as payment of damages due to delay and other causes suffered by the State because of the failure to execute said contract and contract bond; otherwise, the bid bond shall become void or the proposal guaranty check shall be returned to the undersigned.

Attach Cashier's Check or Certified Check Here

In the event that one proposal guaranty check is intended to cover two or more proposals, the amount must be equal to the sum of the proposal guaranties which would be required for each individual proposal. If the guaranty check is placed in another proposal, state below where it may be found.

The proposal guaranty check will be found in the proposal for:

Item _____

Section No. _____

County _____

Mark the proposal cover sheet as to the type of proposal guaranty submitted.

RETURN WITH BID

6. **COMBINATION BIDS.** The undersigned further agrees that if awarded the contract for the sections contained in the following combination, he/she will perform the work in accordance with the requirements of each individual proposal comprising the combination bid specified in the schedule below, and that the combination bid shall be prorated against each section in proportion to the bid submitted for the same. If an error is found to exist in the gross sum bid for one or more of the individual sections included in a combination, the combination bid shall be corrected as provided in the specifications.

When a combination bid is submitted, the schedule below must be completed in each proposal comprising the combination.

If alternate bids are submitted for one or more of the sections comprising the combination, a combination bid must be submitted for each alternate.

Schedule of Combination Bids

Combination No.	Sections Included in Combination	Combination Bid	
		Dollars	Cents

7. **SCHEDULE OF PRICES.** The undersigned bidder submits herewith, in accordance with the rules and instructions, a schedule of prices for the items of work for which bids are sought. The unit prices bid are in U.S. dollars and cents, and all extensions and summations have been made. The bidder understands that the quantities appearing in the bid schedule are approximate and are provided for the purpose of obtaining a gross sum for the comparison of bids. If there is an error in the extension of the unit prices, the unit prices shall govern. Payment to the contractor awarded the contract will be made only for actual quantities of work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as provided elsewhere in the contract.

8. **AUTHORITY TO DO BUSINESS IN ILLINOIS.** Section 20-43 of the Illinois Procurement Code (30 ILCS 500/20-43) provides that a person (other than an individual acting as a sole proprietor) must be a legal entity authorized to do business in the State of Illinois prior to submitting the bid.

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER -

64F34

State Job # - C-92-089-10
 PPS NBR - 2-16390-0000
 County Name - ROCK ISLAND- -
 Code - 161 - -
 District - 2 - -
 Section Number - (112Y-1,183MFT)&(13MFT,1RS)RS

Project Number

Route
 FAU 5773
 FAP 595

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
X0320157	CLEAN UNDERDR OUTLET	EACH	50.000				
X7013015	TRAF CONT RD CLOSURE	L SUM	1.000				
Z0014700	CULVERT TO BE CLEANED	EACH	22.000				
Z0017100	DOWEL BARS	EACH	11,528.000				
Z0028415	GEOTECHNICAL REINF	SQ YD	4,163.000				
Z0028700	GRAN SUBGRADE REPL	CU YD	163.000				
Z0029999	IMPACT ATTENUATOR REM	EACH	7.000				
Z0030030	IMP ATTEN FRD NAR TL3	EACH	7.000				
Z0075300	TIE BARS	EACH	552.000				
20200100	EARTH EXCAVATION	CU YD	1,328.000				
31100920	SUB GRAN MAT A 15	SQ YD	3,187.000				
40600200	BIT MATLS PR CT	TON	44.500				
40600300	AGG PR CT	TON	90.000				
40600525	LEV BIND HM N50	TON	50.000				
40600625	LEV BIND MM N50	TON	3,351.000				

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Project Number

Route
 FAU 5773
 FAP 595

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
40600895	CONSTRUC TEST STRIP	EACH	1.000				
40600990	TEMPORARY RAMP	SQ YD	1,006.000				
40603310	HMA SC "C" N50	TON	4,789.000				
40603335	HMA SC "D" N50	TON	5,025.000				
44000158	HMA SURF REM 2 1/4	SQ YD	95,756.000				
44004250	PAVED SHLD REMOVAL	SQ YD	3,187.000				
44200966	CL B PATCH T1 10	SQ YD	104.000				
44200970	CL B PATCH T2 10	SQ YD	4,286.000				
44200974	CL B PATCH T3 10	SQ YD	632.000				
44200976	CL B PATCH T4 10	SQ YD	1,484.000				
44201815	CL D PATCH T2 14	SQ YD	100.000				
44213100	PAVEMENT FABRIC	SQ YD	2,115.000				
44213200	SAW CUTS	FOOT	29,857.000				
48203029	HMA SHOULDERS 8	SQ YD	3,187.000				
60100060	CONC HDWL FOR P DRAIN	EACH	4.000				

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 Code - 161 - -
 District - 2 - -
 Section Number - (112Y-1,183MFT)&(13MFT,1RS)RS

Project Number

Route
 FAU 5773
 FAP 595

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
60107600	PIPE UNDERDRAINS 4	FOOT	2,760.000				
60108100	PIPE UNDERDRAIN 4 SP	FOOT	90.000				
60260100	INLETS ADJUST	EACH	1.000				
60262510	INLET ADJ NEW F&G SPL	EACH	1.000				
66700305	PERM SURV MKRS T2	EACH	12.000				
67000400	ENGR FIELD OFFICE A	CAL MO	6.000				
67100100	MOBILIZATION	L SUM	1.000				
70100310	TRAF CONT-PROT 701421	L SUM	1.000				
70100320	TRAF CONT-PROT 701422	L SUM	1.000				
70102625	TR CONT & PROT 701606	L SUM	1.000				
70102630	TR CONT & PROT 701601	L SUM	1.000				
70102635	TR CONT & PROT 701701	L SUM	1.000				
70103815	TR CONT SURVEILLANCE	CAL DA	30.000				
70106800	CHANGEABLE MESSAGE SN	CAL MO	4.000				
70300100	SHORT-TERM PAVT MKING	FOOT	5,915.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
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Route
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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
70301000	WORK ZONE PAVT MK REM	SQ FT	657.000				
78000100	THPL PVT MK LTR & SYM	SQ FT	613.000				
78000200	THPL PVT MK LINE 4	FOOT	34,645.000				
78000400	THPL PVT MK LINE 6	FOOT	4,420.000				
78000500	THPL PVT MK LINE 8	FOOT	5,836.000				
78000600	THPL PVT MK LINE 12	FOOT	674.000				
78000650	THPL PVT MK LINE 24	FOOT	421.000				
78008200	POLYUREA PM T1 LTR-SY	SQ FT	94.000				
78008210	POLYUREA PM T1 LN 4	FOOT	5,000.000				
78008240	POLYUREA PM T1 LN 8	FOOT	500.000				
78008270	POLYUREA PM T1 LN 24	FOOT	400.000				
78100100	RAISED REFL PAVT MKR	EACH	288.000				
78300200	RAISED REF PVT MK REM	EACH	83.000				
88600400	DET LOOP SPL	FOOT	3,349.000				

RETURN WITH BID

STATE REQUIRED ETHICAL STANDARDS GOVERNING CONTRACT PROCUREMENT: ASSURANCES, CERTIFICATIONS AND DISCLOSURES

I. GENERAL

A. Article 50 of the Illinois Procurement Code establishes the duty of all State chief procurement officers, State purchasing officers, and their designees to maximize the value of the expenditure of public moneys in procuring goods, services, and contracts for the State of Illinois and to act in a manner that maintains the integrity and public trust of State government. In discharging this duty, they are charged by law to use all available information, reasonable efforts, and reasonable actions to protect, safeguard, and maintain the procurement process of the State of Illinois.

B. In order to comply with the provisions of Article 50 and to carry out the duty established therein, all bidders are to adhere to ethical standards established for the procurement process, and to make such assurances, disclosures and certifications required by law. Except as otherwise required in subsection III, paragraphs J-N, by execution of the Proposal Signature Sheet, the bidder indicates that each of the mandated assurances have been read and understood, that each certification is made and understood, and that each disclosure requirement has been understood and completed.

C. In addition to all other remedies provided by law, failure to comply with any assurance, failure to make any disclosure or the making of a false certification shall be grounds for the chief procurement officer to void the contract, or subcontract, and may result in the suspension or debarment of the bidder or subcontractor.

II. ASSURANCES

The assurances hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder.

A. Conflicts of Interest

1. The Illinois Procurement Code provides in pertinent part:

Section 50-13. Conflicts of Interest.

(a) Prohibition. It is unlawful for any person holding an elective office in this State, holding a seat in the General Assembly, or appointed to or employed in any of the offices or agencies of state government and who receives compensation for such employment in excess of 60% of the salary of the Governor of the State of Illinois, or who is an officer or employee of the Capital Development Board or the Illinois Toll Highway Authority, or who is the spouse or minor child of any such person to have or acquire any contract, or any direct pecuniary interest in any contract therein, whether for stationery, printing, paper, or any services, materials, or supplies, that will be wholly or partially satisfied by the payment of funds appropriated by the General Assembly of the State of Illinois or in any contract of the Capital Development Board or the Illinois Toll Highway authority.

(b) Interests. It is unlawful for any firm, partnership, association or corporation, in which any person listed in subsection (a) is entitled to receive (i) more than 7 1/2% of the total distributable income or (ii) an amount in excess of the salary of the Governor, to have or acquire any such contract or direct pecuniary interest therein.

(c) Combined interests. It is unlawful for any firm, partnership, association, or corporation, in which any person listed in subsection (a) together with his or her spouse or minor children is entitled to receive (i) more than 15%, in the aggregate, of the total distributable income or (ii) an amount in excess of 2 times the salary of the Governor, to have or acquire any such contract or direct pecuniary interest therein.

(d) Securities. Nothing in this Section invalidates the provisions of any bond or other security previously offered or to be offered for sale or sold by or for the State of Illinois.

(e) Prior interests. This Section does not affect the validity of any contract made between the State and an officer or employee of the State or member of the General Assembly, his or her spouse, minor child or any combination of those persons if that contract was in existence before his or her election or employment as an officer, member, or employee. The contract is voidable, however, if it cannot be completed within 365 days after the officer, member, or employee takes office or is employed.

The current salary of the Governor is \$177,412.00. Sixty percent of the salary is \$106,447.20.

RETURN WITH BID

2. The bidder assures the Department that the award and execution of the contract would not cause a violation of Section 50-13, or that an effective exemption has been issued by the Board of Ethics to any individual subject to the Section 50-13 prohibitions pursuant to the provisions of Section 50-20 of the Code and Executive Order Number 3 (1998). Information concerning the exemption process is available from the Department upon request.

B. Negotiations

1. The Illinois Procurement Code provides in pertinent part:

Section 50-15. Negotiations.

(a) It is unlawful for any person employed in or on a continual contractual relationship with any of the offices or agencies of State government to participate in contract negotiations on behalf of that office or agency with any firm, partnership, association, or corporation with whom that person has a contract for future employment or is negotiating concerning possible future employment.

2. The bidder assures the Department that the award and execution of the contract would not cause a violation of Section 50-15, and that the bidder has no knowledge of any facts relevant to the kinds of acts prohibited therein.

C. Inducements

1. The Illinois Procurement Code provides:

Section 50-25. Inducement. Any person who offers or pays any money or other valuable thing to any person to induce him or her not to bid for a State contract or as recompense for not having bid on a State contract is guilty of a Class 4 felony. Any person who accepts any money or other valuable thing for not bidding for a State contract or who withholds a bid in consideration of the promise for the payment of money or other valuable thing is guilty of a Class 4 felony.

2. The bidder assures the Department that the award and execution of the contract would not cause a violation of Section 50-25, and that the bidder has no knowledge of any facts relevant to the kinds of acts prohibited therein.

D. Revolving Door Prohibition

1. The Illinois Procurement Code provides:

Section 50-30. Revolving door prohibition. Chief procurement officers, State purchasing officers, procurement compliance monitors, their designees whose principal duties are directly related to State procurement, and executive officers confirmed by the Senate are expressly prohibited for a period of 2 years after terminating an affected position from engaging in any procurement activity relating to the State agency most recently employing them in an affected position for a period of at least 6 months. The prohibition includes, but is not limited to: lobbying the procurement process; specifying; bidding; proposing bid, proposal, or contract documents; on their own behalf or on behalf of any firm, partnership, association, or corporation. This Section applies only to persons who terminate an affected position on or after January 15, 1999.

2. The bidder assures the Department that the award and execution of the contract would not cause a violation of Section 50-30, and that the bidder has no knowledge of any facts relevant to the kinds of acts prohibited therein.

E. Reporting Anticompetitive Practices

1. The Illinois Procurement Code provides:

Section 50-40. Reporting anticompetitive practices. When, for any reason, any vendor, bidder, contractor, chief procurement officer, State purchasing officer, designee, elected official, or State employee suspects collusion or other anticompetitive practice among any bidders, offerors, contractors, proposers, or employees of the State, a notice of the relevant facts shall be transmitted to the Attorney General and the chief procurement officer.

2. The bidder assures the Department that it has not failed to report any relevant facts concerning the practices addressed in Section 50-40 which may involve the contract for which the bid is submitted.

F. Confidentiality

1. The Illinois Procurement Code provides:

Section 50-45. Confidentiality. Any chief procurement officer, State purchasing officer, designee, or executive officer who willfully uses or allows the use of specifications, competitive bid documents, proprietary competitive information, proposals, contracts, or selection information to compromise the fairness or integrity of the procurement, bidding, or contract process shall be subject to immediate dismissal, regardless of the Personnel code, any contract, or any collective bargaining agreement, and may in addition be subject to criminal prosecution.

2. The bidder assures the Department that it has no knowledge of any fact relevant to the practices addressed in Section 50-45 which may involve the contract for which the bid is submitted.

RETURN WITH BID

G. Insider Information

1. The Illinois Procurement Act provides:

Section 50-50. Insider information. It is unlawful for any current or former elected or appointed State official or State employee to knowingly use confidential information available only by virtue of that office or employment for actual or anticipated gain for themselves or another person.

2. The bidder assures the Department that it has no knowledge of any facts relevant to the practices addressed in Section 50-50 which may involve the contract for which the bid is submitted.

III. CERTIFICATIONS

The certifications hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder. Section 50-2 of the Illinois Procurement Code provides that every person that has entered into a multi-year contract and every subcontractor with a multi-year subcontract shall certify, by July 1 of each fiscal year covered by the contract after the initial fiscal year, to the responsible chief procurement officer whether it continues to satisfy the requirements of Article 50 pertaining to the eligibility for a contract award. If a contractor or subcontractor is not able to truthfully certify that it continues to meet all requirements, it shall provide with its certification a detailed explanation of the circumstances leading to the change in certification status. A contractor or subcontractor that makes a false statement material to any given certification required under Article 50 is, in addition to any other penalties or consequences prescribed by law, subject to liability under the Whistleblower Reward and Protection Act for submission of a false claim.

A. Bribery

1. The Illinois Procurement Code provides:

Section 50-5. Bribery.

(a) Prohibition. No person or business shall be awarded a contract or subcontract under this Code who:

(1) has been convicted under the laws of Illinois or any other state of bribery or attempting to bribe an officer or employee of the State of Illinois or any other state in that officer's or employee's official capacity; or

(2) has made an admission of guilt of that conduct that is a matter of record but has not been prosecuted for that conduct.

(b) Businesses. No business shall be barred from contracting with any unit of State or local government, or subcontracting under such a contract, as a result of a conviction under this Section of any employee or agent of the business if the employee or agent is no longer employed by the business and:

(1) the business has been finally adjudicated not guilty; or

(2) the business demonstrates to the governmental entity with which it seeks to contract, or which is signatory to the contract which the subcontract relates, and that entity finds that the commission of the offense was not authorized, requested, commanded, or performed by a director, officer, or high managerial agent on behalf of the business as provided in paragraph (2) of subsection (a) of Section 5-4 of the Criminal Code of 1961.

(c) Conduct on behalf of business. For purposes of this Section, when an official, agent, or employee of a business committed the bribery or attempted bribery on behalf of the business and in accordance with the direction or authorization of a responsible official of the business, the business shall be chargeable with the conduct.

(d) Certification. Every bid submitted to and contract executed by the State, and every subcontract subject to Section 20-120 of the Procurement Code shall contain a certification by the contractor or the subcontractor, respectively, that the contractor or subcontractor is not barred from being awarded a contract or subcontract under this Section and acknowledges that the chief procurement officer may declare the related contract void if any certifications required by this Section are false. A contractor who makes a false statement, material to the certification, commits a Class 3 felony.

2. The contractor or subcontractor certifies that it is not barred from being awarded a contract under Section 50.5.

B. Felons

1. The Illinois Procurement Code provides:

Section 50-10. Felons. Unless otherwise provided, no person or business convicted of a felony shall do business with the State of Illinois or any State agency, or enter into a subcontract, from the date of conviction until 5 years after the date of completion of the sentence for that felony, unless no person held responsible by a prosecutorial office for the facts upon which the conviction was based continues to have any involvement with the business.

2. Certification. Every bid submitted to and contract executed by the State and every subcontract subject to Section 20-120 of the Procurement Code shall contain a certification by the bidder or contractor or subcontractor, respectively, that the bidder, contractor, or subcontractor is not barred from being awarded a contract or subcontract under this Section and acknowledges that the chief procurement officer may declare the related contract void if any of the certifications required by this Section are false.

RETURN WITH BID

C. Debt Delinquency

1. The Illinois Procurement Code provides:

Section 50-11 and 50-12. Debt Delinquency.

The contractor or bidder or subcontractor, respectively, certifies that it, or any affiliate, is not barred from being awarded a contract or subcontract under the Procurement Code. Section 50-11 prohibits a person from entering into a contract with a State agency, or entering into a subcontract, if it knows or should know that it, or any affiliate, is delinquent in the payment of any debt to the State as defined by the Debt Collection Board. Section 50-12 prohibits a person from entering into a contract with a State agency, or entering into a subcontract, if it, or any affiliate, has failed to collect and remit Illinois Use Tax on all sales of tangible personal property into the State of Illinois in accordance with the provisions of the Illinois Use Tax Act. The bidder or contractor or subcontractor, respectively, further acknowledges that the chief procurement officer may declare the related contract void if this certification is false or if the bidder, contractor, or subcontractor, or any affiliate, is determined to be delinquent in the payment of any debt to the State during the term of the contract.

D. Prohibited Bidders, Contractors and Subcontractors

1. The Illinois Procurement Code provides:

Section 50-10.5 and 50-60(c). Prohibited bidders, contractors and subcontractors.

The bidder or contractor or subcontractor, respectively, certifies in accordance with 30 ILCS 500/50-10.5 that no officer, director, partner or other managerial agent of the contracting business has been convicted of a felony under the Sarbanes-Oxley Act of 2002 or a Class 3 or Class 2 felony under the Illinois Securities Law of 1953 or if in violation of Subsection (c) for a period of five years from the date of conviction. Every bid submitted to and contract executed by the State and every subcontract subject to Section 20-120 of the Procurement Code shall contain a certification by the bidder, contractor, or subcontractor, respectively, that the bidder, contractor, or subcontractor is not barred from being awarded a contract or subcontract under this Section and acknowledges that the chief procurement officer shall declare the related contract void if any of the certifications completed pursuant to this Section are false.

E. Section 42 of the Environmental Protection Act

The bidder or contractor or subcontractor, respectively, certifies in accordance with 30 ILCS 500/50-12 that the bidder, contractor, or subcontractor, is not barred from being awarded a contract or entering into a subcontract under this Section which prohibits the bidding on or entering into contracts with the State of Illinois or a State agency, or entering into any subcontract, that is subject to the Procurement Code by a person or business found by a court or the Pollution Control Board to have committed a willful or knowing violation of Section 42 of the Environmental Protection Act for a period of five years from the date of the order. The bidder or contractor or subcontractor, respectively, acknowledges that the chief procurement officer may declare the contract void if this certification is false.

F. Educational Loan

1. Section 3 of the Educational Loan Default Act provides:

§ 3. No State agency shall contract with an individual for goods or services if that individual is in default, as defined in Section 2 of this Act, on an educational loan. Any contract used by any State agency shall include a statement certifying that the individual is not in default on an educational loan as provided in this Section.

2. The bidder, if an individual as opposed to a corporation, partnership or other form of business organization, certifies that the bidder is not in default on an educational loan as provided in Section 3 of the Act.

G. Bid-Rigging/Bid Rotating

1. Section 33E-11 of the Criminal Code of 1961 provides:

§ 33E-11. (a) Every bid submitted to and public contract executed pursuant to such bid by the State or a unit of local government shall contain a certification by the prime contractor that the prime contractor is not barred from contracting with any unit of State or local government as a result of a violation of either Section 33E-3 or 33E-4 of this Article. The State and units of local government shall provide the appropriate forms for such certification.

- (b) A contractor who makes a false statement, material to the certification, commits a Class 3 felony.

A violation of Section 33E-3 would be represented by a conviction of the crime of bid-rigging which, in addition to Class 3 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be barred for 5 years from the date of conviction from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent in behalf of the corporation.

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A violation of Section 33E-4 would be represented by a conviction of the crime of bid-rotating which, in addition to Class 2 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be permanently barred from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent in behalf of the corporation.

2. The bidder certifies that it is not barred from contracting with the Department by reason of a violation of either Section 33E-3 or Section 33E-4.

H. International Anti-Boycott

1. Section 5 of the International Anti-Boycott Certification Act provides:

§ 5. State contracts. Every contract entered into by the State of Illinois for the manufacture, furnishing, or purchasing of supplies, material, or equipment or for the furnishing of work, labor, or services, in an amount exceeding the threshold for small purchases according to the purchasing laws of this State or \$10,000.00, whichever is less, shall contain certification, as a material condition of the contract, by which the contractor agrees that neither the contractor nor any substantially-owned affiliated company is participating or shall participate in an international boycott in violation of the provisions of the U.S. Export Administration Act of 1979 or the regulations of the U.S. Department of Commerce promulgated under that Act.

2. The bidder makes the certification set forth in Section 5 of the Act.

I. Drug Free Workplace

1. The Illinois "Drug Free Workplace Act" applies to this contract and it is necessary to comply with the provisions of the "Act" if the contractor is a corporation, partnership, or other entity (including a sole proprietorship) which has 25 or more employees.

2. The bidder certifies that if awarded a contract in excess of \$5,000 it will provide a drug free workplace by:

(a) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensation, possession or use of a controlled substance, including cannabis, is prohibited in the contractor's workplace; specifying the actions that will be taken against employees for violations of such prohibition; and notifying the employee that, as a condition of employment on such contract, the employee shall abide by the terms of the statement, and notify the employer of any criminal drug statute conviction for a violation occurring in the workplace no later than five (5) days after such conviction.

(b) Establishing a drug free awareness program to inform employees about the dangers of drug abuse in the workplace; the contractor's policy of maintaining a drug free workplace; any available drug counseling, rehabilitation, and employee assistance programs; and the penalties that may be imposed upon employees for drug violations.

(c) Providing a copy of the statement required by subparagraph (1) to each employee engaged in the performance of the contract and to post the statement in a prominent place in the workplace.

(d) Notifying the Department within ten (10) days after receiving notice from an employee or otherwise receiving actual notice of the conviction of an employee for a violation of any criminal drug statute occurring in the workplace.

(e) Imposing or requiring, within 30 days after receiving notice from an employee of a conviction or actual notice of such a conviction, an appropriate personnel action, up to and including termination, or the satisfactory participation in a drug abuse assistance or rehabilitation program approved by a federal, state or local health, law enforcement or other appropriate agency.

(f) Assisting employees in selecting a course of action in the event drug counseling, treatment, and rehabilitation is required and indicating that a trained referral team is in place.

(g) Making a good faith effort to continue to maintain a drug free workplace through implementation of the actions and efforts stated in this certification.

RETURN WITH BID

J. Disclosure of Business Operations in Iran

Section 50-36 of the Illinois Procurement Code, 30ILCS 500/50-36 provides that each bid, offer, or proposal submitted for a State contract shall include a disclosure of whether or not the Company acting as the bidder, offeror, or proposing entity, or any of its corporate parents or subsidiaries, within the 24 months before submission of the bid, offer, or proposal had business operations that involved contracts with or provision of supplies or services to the Government of Iran, companies in which the Government of Iran has any direct or indirect equity share, consortiums or projects commissioned by the Government of Iran, or companies involved in consortiums or projects commissioned by the Government of Iran and either of the following conditions apply:

- (1) More than 10% of the Company's revenues produced in or assets located in Iran involve oil-related activities or mineral-extraction activities; less than 75% of the Company's revenues produced in or assets located in Iran involve contracts with or provision of oil-related or mineral-extraction products or services to the Government of Iran or a project or consortium created exclusively by that government; and the Company has failed to take substantial action.
- (2) The Company has, on or after August 5, 1996, made an investment of \$20 million or more, or any combination of investments of at least \$10 million each that in the aggregate equals or exceeds \$20 million in any 12-month period, which directly or significantly contributes to the enhancement of Iran's ability to develop petroleum resources of Iran.

The terms "Business operations", "Company", "Mineral-extraction activities", "Oil-related activities", "Petroleum resources", and "Substantial action" are all defined in the Code.

Failure to make the disclosure required by the Code shall cause the bid, offer or proposal to be considered not responsive. The disclosure will be considered when evaluating the bid, offer, or proposal or awarding the contract. The name of each Company disclosed as doing business or having done business in Iran will be provided to the State Comptroller.

Check the appropriate statement:

Company has no business operations in Iran to disclose.

Company has business operations in Iran as disclosed the attached document.

K. Apprenticeship and Training Certification (Does not apply to federal aid projects)

In accordance with the provisions of Section 30-22 (6) of the Illinois Procurement Code, the bidder certifies that it is a participant, either as an individual or as part of a group program, in the approved apprenticeship and training programs applicable to each type of work or craft that the bidder will perform with its own forces. The bidder further certifies for work that will be performed by subcontract that each of its subcontractors submitted for approval either (a) is, at the time of such bid, participating in an approved, applicable apprenticeship and training program; or (b) will, prior to commencement of performance of work pursuant to this contract, begin participation in an approved apprenticeship and training program applicable to the work of the subcontract. The Department, at any time before or after award, may require the production of a copy of each applicable Certificate of Registration issued by the United States Department of Labor evidencing such participation by the contractor and any or all of its subcontractors. Applicable apprenticeship and training programs are those that have been approved and registered with the United States Department of Labor. The bidder shall list in the space below, the official name of the program sponsor holding the Certificate of Registration for all of the types of work or crafts in which the bidder is a participant and that will be performed with the bidder's forces. Types of work or craft work that will be subcontracted shall be included and listed as subcontract work. The list shall also indicate any type of work or craft job category that does not have an applicable apprenticeship or training program. **The bidder is responsible for making a complete report and shall make certain that each type of work or craft job category that will be utilized on the project as reported on the Construction Employee Workforce Projection (Form BC-1256) and returned with the bid is accounted for and listed.**

The requirements of this certification and disclosure are a material part of the contract, and the contractor shall require this certification provision to be included in all approved subcontracts. In order to fulfill this requirement, it shall not be necessary that an applicable program sponsor be currently taking or that it will take applications for apprenticeship, training or employment during the performance of the work of this contract.

TO BE RETURNED WITH BID

L. Political Contributions and Registration with the State Board of Elections

Sections 20-160 and 50-37 of the Illinois Procurement Code regulate political contributions from business entities and any affiliated entities or affiliated persons bidding on or contracting with the state. Generally under Section 50-37, any business entity, and any affiliated entity or affiliated person of the business entity, whose current year contracts with all state agencies exceed an awarded value of \$50,000, are prohibited from making any contributions to any political committees established to promote the candidacy of the officeholder responsible for the awarding of the contracts or any other declared candidate for that office for the duration of the term of office of the incumbent officeholder or a period 2 years after the termination of the contract, whichever is longer. Any business entity and affiliated entities or affiliated persons whose state contracts in the current year do not exceed an awarded value of \$50,000, but whose aggregate pending bids and proposals on state contracts exceed \$50,000, either alone or in combination with contracts not exceeding \$50,000, are prohibited from making any political contributions to any political committee established to promote the candidacy of the officeholder responsible for awarding the pending contract during the period beginning on the date the invitation for bids or request for proposals is issued and ending on the day after the date of award or selection if the entity was not awarded or selected. Section 20-160 requires certification of registration of affected business entities in accordance with procedures found in Section 9-35 of The Election Code.

By submission of a bid, the contractor business entity acknowledges and agrees that it has read and understands Sections 20-160 and 50-37 of the Illinois Procurement Code, and that it makes the following certification:

The undersigned business entity certifies that it has registered as a business with the State Board of Elections and acknowledges a continuing duty to update the registration in accordance with the above referenced statutes. A copy of the certificate of registration shall be submitted with the bid. The bidder is cautioned that the Department will not award a contract without submission of the certificate of registration.

These requirements and compliance with the above referenced statutory sections are a material part of the contract, and any breach thereof shall be cause to void the contract under Section 50-60 of the Illinois Procurement Code. This provision does not apply to Federal-aid contracts.

M. Lobbyist Disclosure

Section 50-38 of the Illinois Procurement Code requires that any bidder or offeror on a State contract that hires a person required to register under the Lobbyist Registration Act to assist in obtaining a contract shall:

- (i) Disclose all costs, fees, compensation, reimbursements, and other remunerations paid or to be paid to the lobbyist related to the contract,
- (ii) Not bill or otherwise cause the State of Illinois to pay for any of the lobbyist's costs, fees, compensation, reimbursements, or other remuneration, and
- (iii) Sign a verification certifying that none of the lobbyist's costs, fees, compensation, reimbursements, or other remuneration were billed to the State.

This information, along with all supporting documents, shall be filed with the agency awarding the contract and with the Secretary of State. The chief procurement officer shall post this information, together with the contract award notice, in the online Procurement Bulletin.

Pursuant to Subsection (c) of this Section, no person or entity shall retain a person or entity to attempt to influence the outcome of a procurement decision made under the Procurement Code for compensation contingent in whole or in part upon the decision or procurement. Any person who violates this subsection is guilty of a business offense and shall be fined not more than \$10,000.

Bidder acknowledges that it is required to disclose the hiring of any person required to register pursuant to the Illinois Lobbyist Registration Act (25 ILCS 170) in connection with this contract.

Bidder has not hired any person required to register pursuant to the Illinois Lobbyist Registration Act in connection with this contract.

Or

Bidder has hired the following persons required to register pursuant to the Illinois Lobbyist Registration Act in connection with the contract:

Name and address of person: _____
All costs, fees, compensation, reimbursements and other remuneration paid to said person: _____

RETURN WITH BID

IV. DISCLOSURES

- A. The disclosures hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder. The bidder further certifies that the Department has received the disclosure forms for each bid.

The chief procurement officer may void the bid, contract, or subcontract, respectively, if it is later determined that the bidder or subcontractor rendered a false or erroneous disclosure. A contractor or subcontractor may be suspended or debarred for violations of the Procurement Code. Furthermore, the chief procurement officer may void the contract and the surety providing the performance bond shall be responsible for completion of the contract.

B. Financial Interests and Conflicts of Interest

1. Section 50-35 of the Illinois Procurement Code provides that all bids of more than \$10,000 shall be accompanied by disclosure of the financial interests of the bidder. This disclosed information for the successful bidder, will be maintained as public information subject to release by request pursuant to the Freedom of Information Act, filed with the Procurement Policy Board, and shall be incorporated as a material term of the contract. Furthermore, pursuant to Section 5-5, the Procurement Policy Board may review a proposal, bid, or contract and issue a recommendation to void a contract or reject a proposal or bid based on any violation of the Procurement Code or the existence of a conflict of interest as provided in subsections (b) and (d) of Section 50-35.

The financial interests to be disclosed shall include ownership or distributive income share that is in excess of 5%, or an amount greater than 60% of the annual salary of the Governor, of the bidding entity or its parent entity, whichever is less, unless the contractor or bidder is a publicly traded entity subject to Federal 10K reporting, in which case it may submit its 10K disclosure in place of the prescribed disclosure. If a bidder is a privately held entity that is exempt from Federal 10K reporting, but has more than 400 shareholders, it may submit the information that Federal 10K companies are required to report, and list the names of any person or entity holding any ownership share that is in excess of 5%. The disclosure shall include the names, addresses, and dollar or proportionate share of ownership of each person making the disclosure, their instrument of ownership or beneficial relationship, and notice of any potential conflict of interest resulting from the current ownership or beneficial interest of each person making the disclosure having any of the relationships identified in Section 50-35 and on the disclosure form.

In addition, all disclosures shall indicate any other current or pending contracts, proposals, leases, or other ongoing procurement relationships the bidding entity has with any other unit of state government and shall clearly identify the unit and the contract, proposal, lease, or other relationship.

2. Disclosure Forms. Disclosure Form A is attached for use concerning the individuals meeting the above ownership or distributive share requirements. Subject individuals should be covered each by one form. In addition, a second form (Disclosure Form B) provides for the disclosure of current or pending procurement relationships with other (non-IDOT) state agencies. **The forms must be included with each bid or incorporated by reference.**

C. Disclosure Form Instructions

Form A Instructions for Financial Information & Potential Conflicts of Interest

If the bidder is a publicly traded entity subject to Federal 10K reporting, the 10K Report may be submitted to meet the requirements of Form A. If a bidder is a privately held entity that is exempt from Federal 10K reporting, but has more than 400 shareholders, it may submit the information that Federal 10K companies are required to report, and list the names of any person or entity holding any ownership share that is in excess of 5%. If a bidder is not subject to Federal 10K reporting, the bidder must determine if any individuals are required by law to complete a financial disclosure form. To do this, the bidder should answer each of the following questions. A "YES" answer indicates Form A must be completed. If the answer to each of the following questions is "NO", then the NOT APPLICABLE STATEMENT on Form A must be signed and dated by a person that is authorized to execute contracts for the bidding company. Note: These questions are for assistance only and are not required to be completed.

1. Does anyone in your organization have a direct or beneficial ownership share of greater than 5% of the bidding entity or parent entity? YES ___ NO ___
2. Does anyone in your organization have a direct or beneficial ownership share of less than 5%, but which has a value greater than \$106,447.20? YES ___ NO ___
3. Does anyone in your organization receive more than \$106,447.20 of the bidding entity's or parent entity's distributive income? (Note: Distributive income is, for these purposes, any type of distribution of profits. An annual salary is not distributive income.) YES ___ NO ___
4. Does anyone in your organization receive greater than 5% of the bidding entity's or parent entity's total distributive income, but which is less than \$106,447.20? YES ___ NO ___

(Note: Only one set of forms needs to be completed per person per bid even if a specific individual would require a yes answer to more than one question.)

A "YES" answer to any of these questions requires the completion of Form A. The bidder must determine each individual in the bidding entity or the bidding entity's parent company that would cause the questions to be answered "Yes". Each form must be signed and dated by a person that is authorized to execute contracts for your organization. **Photocopied or stamped signatures are not acceptable.** The person signing can be, but does not have to be, the person for which the form is being completed. The bidder is responsible for the accuracy of any information provided.

If the answer to each of the above questions is "NO", then the NOT APPLICABLE STATEMENT of Form A must be signed and dated by a person that is authorized to execute contracts for your company.

RETURN WITH BID

Form B: Instructions for Identifying Other Contracts & Procurement Related Information

Disclosure Form B must be completed for each bid submitted by the bidding entity. *Note: Checking the NOT APPLICABLE STATEMENT on Form A does not allow the bidder to ignore Form B. Form B must be completed, checked, and dated or the bidder may be considered nonresponsive and the bid will not be accepted.*

The Bidder shall identify, by checking Yes or No on Form B, whether it has any pending contracts (including leases), bids, proposals, or other ongoing procurement relationship with any other (non-IDOT) State of Illinois agency. If "No" is checked, the bidder only needs to complete the check box on the bottom of Form B. If "Yes" is checked, the bidder must do one of the following:

Option I: If the bidder did not submit an Affidavit of Availability to obtain authorization to bid, the bidder must list all non-IDOT State of Illinois agency pending contracts, leases, bids, proposals, and other ongoing procurement relationships. These items may be listed on Form B or on an attached sheet(s). Do not include IDOT contracts. Contracts with cities, counties, villages, etc. are not considered State of Illinois agency contracts and are not to be included. Contracts with other State of Illinois agencies such as the Department of Natural Resources or the Capital Development Board must be included. Bidders who submit Affidavits of Availability are suggested to use Option II.

Option II: If the bidder is required and has submitted an Affidavit of Availability in order to obtain authorization to bid, the bidder may write or type "See Affidavit of Availability" which indicates that the Affidavit of Availability is incorporated by reference and includes all non-IDOT State of Illinois agency pending contracts, leases, bids, proposals, and other ongoing procurement relationships. For any contracts that are not covered by the Affidavit of Availability, the bidder must identify them on Form B or on an attached sheet(s). These might be such things as leases.

**ILLINOIS DEPARTMENT
OF TRANSPORTATION**

**Form A
Financial Information &
Potential Conflicts of Interest
Disclosure**

Contractor Name		
Legal Address		
City, State, Zip		
Telephone Number	Email Address	Fax Number (if available)

Disclosure of the information contained in this Form is required by the Section 50-35 of the Illinois Procurement Code (30 ILCS 500). Vendors desiring to enter into a contract with the State of Illinois must disclose the financial information and potential conflict of interest information as specified in this Disclosure Form. This information shall become part of the publicly available contract file. This Form A must be completed for bids in excess of \$10,000, and for all open-ended contracts. **A publicly traded company may submit a 10K disclosure (or equivalent if applicable) in satisfaction of the requirements set forth in Form A. See Disclosure Form Instructions.**

DISCLOSURE OF FINANCIAL INFORMATION

1. Disclosure of Financial Information. The individual named below has an interest in the BIDDER (or its parent) in terms of ownership or distributive income share in excess of 5%, or an interest which has a value of more than \$106,447.20 (60% of the Governor's salary as of 7/1/07). **(Make copies of this form as necessary and attach a separate Disclosure Form A for each individual meeting these requirements)**

FOR INDIVIDUAL (type or print information)	
NAME:	_____
ADDRESS	_____
Type of ownership/distributable income share:	
stock _____ sole proprietorship _____ Partnership _____ other: (explain on separate sheet):	
% or \$ value of ownership/distributable income share:	_____

2. Disclosure of Potential Conflicts of Interest. Check "Yes" or "No" to indicate which, if any, of the following potential conflict of interest relationships apply. If the answer to any question is "Yes", please attach additional pages and describe.

(a) State employment, currently or in the previous 3 years, including contractual employment of services. Yes ___ No ___

If your answer is yes, please answer each of the following questions.

1. Are you currently an officer or employee of either the Capitol Development Board or the Illinois Toll Highway Authority? Yes ___ No ___

2. Are you currently appointed to or employed by any agency of the State of Illinois? If you are currently appointed to or employed by any agency of the State of Illinois, and your annual salary exceeds \$106,447.20, (60% of the Governor's salary as of 7/1/07) provide the name the State agency for which you are employed and your annual salary. _____

RETURN WITH BID/OFFER

- 3. If you are currently appointed to or employed by any agency of the State of Illinois, and your annual salary exceeds \$106,447.20, (60% of the Governor's salary as of 7/1/07) are you entitled to receive (i) more than 7 1/2% of the total distributable income of your firm, partnership, association or corporation, or (ii) an amount in excess of the salary of the Governor? Yes ___ No ___

- 4. If you are currently appointed to or employed by any agency of the State of Illinois, and your annual salary exceeds \$106,447.20, (60% of the Governor's salary as of 7/1/07) are you and your spouse or minor children entitled to receive (i) more than 15 % in the aggregate of the total distributable income of your firm, partnership, association or corporation, or (ii) an amount in excess of 2 times the salary of the Governor? Yes ___ No ___

(b) State employment of spouse, father, mother, son, or daughter, including contractual employment services in the previous 2 years.

Yes ___ No ___

If your answer is yes, please answer each of the following questions.

- 1. Is your spouse or any minor children currently an officer or employee of the Capitol Development Board or the Illinois Toll Highway Authority? Yes ___ No ___

- 2. Is your spouse or any minor children currently appointed to or employed by any agency of the State of Illinois? If your spouse or minor children is/are currently appointed to or employed by any agency of the State of Illinois, and his/her annual salary exceeds \$106,447.20, (60 % of the Governor's salary as of 7/1/07) provide the name of your spouse and/or minor children, the name of the State agency for which he/she is employed and his/her annual salary. _____

- 3. If your spouse or any minor children is/are currently appointed to or employed by any agency of the State of Illinois, and his/her annual salary exceeds \$106,447.20, (60% of the salary of the Governor as of 7/1/07) are you entitled to receive (i) more then 71/2% of the total distributable income of your firm, partnership, association or corporation, or (ii) an amount in excess of the salary of the Governor? Yes ___ No ___

- 4. If your spouse or any minor children are currently appointed to or employed by any agency of the State of Illinois, and his/her annual salary exceeds \$106,447.20, (60% of the Governor's salary as of 7/1/07) are you and your spouse or minor children entitled to receive (i) more than 15 % in the aggregate of the total distributable income of your firm, partnership, association or corporation, or (ii) an amount in excess of 2 times the salary of the Governor? Yes ___ No ___

(c) Elective status; the holding of elective office of the State of Illinois, the government of the United States, any unit of local government authorized by the Constitution of the State of Illinois or the statutes of the State of Illinois currently or in the previous 3 years. Yes ___ No ___

(d) Relationship to anyone holding elective office currently or in the previous 2 years; spouse, father, mother, son, or daughter. Yes ___ No ___

(e) Appointive office; the holding of any appointive government office of the State of Illinois, the United States of America, or any unit of local government authorized by the Constitution of the State of Illinois or the statutes of the State of Illinois, which office entitles the holder to compensation in excess of the expenses incurred in the discharge of that office currently or in the previous 3 years. Yes ___ No ___

(f) Relationship to anyone holding appointive office currently or in the previous 2 years; spouse, father, mother, son, or daughter. Yes ___ No ___

(g) Employment, currently or in the previous 3 years, as or by any registered lobbyist of the State government. Yes ___ No ___

RETURN WITH BID/OFFER

(h) Relationship to anyone who is or was a registered lobbyist in the previous 2 years; spouse, father, mother, son, or daughter. Yes ___ No ___

(i) Compensated employment, currently or in the previous 3 years, by any registered election or reelection committee registered with the Secretary of State or any county clerk of the State of Illinois, or any political action committee registered with either the Secretary of State or the Federal Board of Elections. Yes ___ No ___

(j) Relationship to anyone; spouse, father, mother, son, or daughter; who was a compensated employee in the last 2 years by any registered election or re-election committee registered with the Secretary of State or any county clerk of the State of Illinois, or any political action committee registered with either the Secretary of State or the Federal Board of Elections. Yes ___ No ___

2. Communication Disclosure.

Disclose the name and address of each lobbyist and other agent of the bidder or offeror who is not identified in Section 2 of this form, who is has communicated, is communicating, or may communicate with any State officer or employee concerning the bid or offer. This disclosure is a continuing obligation and must be promptly supplemented for accuracy throughout the process and throughout the term of the contract. If no person is identified, enter "None" on the line below:

Name and address of person(s): _____

4. Debarment Disclosure. For each of the persons identified under Sections 2 and 3 of this form, disclose whether any of the following has occurred within the previous 10 years: debarment from contracting with any governmental entity; professional licensure discipline; bankruptcies; adverse civil judgments and administrative findings; and criminal felony convictions. This disclosure is a continuing obligation and must be promptly supplemented for accuracy throughout the procurement process and term of the contract. If no person is identified, enter "None" on the line below:

Name of person(s): _____

Nature of disclosure: _____

APPLICABLE STATEMENT

This Disclosure Form A is submitted on behalf of the INDIVIDUAL named on previous page. Under penalty of perjury, I certify the contents of this disclosure to be true and accurate to the best of my knowledge.

Completed by: _____ Date _____
Signature of Individual or Authorized Representative

NOT APPLICABLE STATEMENT

Under penalty of perjury, I have determined that no individuals associated with this organization meet the criteria that would require the completion of this Form A.

This Disclosure Form A is submitted on behalf of the CONTRACTOR listed on the previous page.

_____ Date _____
Signature of Authorized Representative

The bidder has a continuing obligation to supplement these disclosures under Sec. 50-35 of the Procurement Code.

RETURN WITH BID

ILLINOIS DEPARTMENT
OF TRANSPORTATION

Form B
Other Contracts &
Procurement Related Information
Disclosure

Contractor Name		
Legal Address		
City, State, Zip		
Telephone Number	Email Address	Fax Number (if available)

Disclosure of the information contained in this Form is required by the Section 50-35 of the Illinois Procurement Act (30 ILCS 500). This information shall become part of the publicly available contract file. This Form B must be completed for bids in excess of \$10,000, and for all open-ended contracts.

DISCLOSURE OF OTHER CONTRACTS AND PROCUREMENT RELATED INFORMATION

1. Identifying Other Contracts & Procurement Related Information. The BIDDER shall identify whether it has any pending contracts (including leases), bids, proposals, or other ongoing procurement relationship with any other State of Illinois agency: Yes ___ No ___

If "No" is checked, the bidder only needs to complete the signature box on the bottom of this page.

2. If "Yes" is checked. Identify each such relationship by showing State of Illinois agency name and other descriptive information such as bid or project number (attach additional pages as necessary). SEE DISCLOSURE FORM INSTRUCTIONS:

THE FOLLOWING STATEMENT MUST BE CHECKED

<input type="checkbox"/>	_____	_____
	Signature of Authorized Representative	Date

RETURN WITH BID

SPECIAL NOTICE TO CONTRACTORS

The following requirements of the Illinois Department of Human Rights' Rules and Regulations are applicable to bidders on all construction contracts advertised by the Illinois Department of Transportation:

CONSTRUCTION EMPLOYEE UTILIZATION PROJECTION

- (a) All bidders on construction contracts shall complete and submit, along with and as part of their bids, a Bidder's Employee Utilization Form (Form BC-1256) setting forth a projection and breakdown of the total workforce intended to be hired and/or allocated to such contract work by the bidder including a projection of minority and female employee utilization in all job classifications on the contract project.
- (b) The Department of Transportation shall review the Employee Utilization Form, and workforce projections contained therein, of the contract awardee to determine if such projections reflect an underutilization of minority persons and/or women in any job classification in accordance with the Equal Employment Opportunity Clause and Section 7.2 of the Illinois Department of Human Rights' Rules and Regulations for Public Contracts adopted as amended on September 17, 1980. If it is determined that the contract awardee's projections reflect an underutilization of minority persons and/or women in any job classification, it shall be advised in writing of the manner in which it is underutilizing and such awardee shall be considered to be in breach of the contract unless, prior to commencement of work on the contract project, it submits revised satisfactory projections or an acceptable written affirmative action plan to correct such underutilization including a specific timetable geared to the completion stages of the contract.
- (c) The Department of Transportation shall provide to the Department of Human Rights a copy of the contract awardee's Employee Utilization Form, a copy of any required written affirmative action plan, and any written correspondence related thereto. The Department of Human Rights may review and revise any action taken by the Department of Transportation with respect to these requirements.

RETURN WITH BID

**Contract No. 64F34
ROCK ISLAND County
Section (112Y-1,183MFT)&(13MFT,1R)RS
Routes FAU 5773 & FAP 595
District 2 Construction Funds**

PART II. WORKFORCE PROJECTION - continued

- B. Included in "Total Employees" under Table A is the total number of **new hires** that would be employed in the event the undersigned bidder is awarded this contract.

The undersigned bidder projects that: (number) _____ new hires would be recruited from the area in which the contract project is located; and/or (number) _____ new hires would be recruited from the area in which the bidder's principal office or base of operation is located.

- C. Included in "Total Employees" under Table A is a projection of numbers of persons to be employed directly by the undersigned bidder as well as a projection of numbers of persons to be employed by subcontractors.

The undersigned bidder estimates that (number) _____ persons will be directly employed by the prime contractor and that (number) _____ persons will be employed by subcontractors.

PART III. AFFIRMATIVE ACTION PLAN

- A. The undersigned bidder understands and agrees that in the event the foregoing minority and female employee utilization projection included under **PART II** is determined to be an underutilization of minority persons or women in any job category, and in the event that the undersigned bidder is awarded this contract, he/she will, prior to commencement of work, develop and submit a written Affirmative Action Plan including a specific timetable (geared to the completion stages of the contract) whereby deficiencies in minority and/or female employee utilization are corrected. Such Affirmative Action Plan will be subject to approval by the contracting agency and the **Department of Human Rights**.
- B. The undersigned bidder understands and agrees that the minority and female employee utilization projection submitted herein, and the goals and timetable included under an Affirmative Action Plan if required, are deemed to be part of the contract specifications.

Company _____ Telephone Number _____

Address _____

NOTICE REGARDING SIGNATURE

The Bidder's signature on the Proposal Signature Sheet will constitute the signing of this form. The following signature block needs to be completed if revisions are required.

Signature: _____ Title: _____ Date: _____

- Instructions: All tables must include subcontractor personnel in addition to prime contractor personnel.
- Table A - Include both the number of employees that would be hired to perform the contract work and the total number currently employed (Table B) that will be allocated to contract work, and include all apprentices and on-the-job trainees. The "Total Employees" column should include all employees including all minorities, apprentices and on-the-job trainees to be employed on the contract work.
 - Table B - Include all employees currently employed that will be allocated to the contract work including any apprentices and on-the-job trainees currently employed.
 - Table C - Indicate the racial breakdown of the total apprentices and on-the-job trainees shown in Table A.

RETURN WITH BID

**Contract No. 64F34
ROCK ISLAND County
Section (112Y-1,183MFT)&(13MFT,1R)RS
Routes FAU 5773 & FAP 595
District 2 Construction Funds**

PROPOSAL SIGNATURE SHEET

The undersigned bidder hereby makes and submits this bid on the subject Proposal, thereby assuring the Department that all requirements of the Invitation for Bids and rules of the Department have been met, that there is no misunderstanding of the requirements of paragraph 3 of this Proposal, and that the contract will be executed in accordance with the rules of the Department if an award is made on this bid.

(IF AN INDIVIDUAL) Firm Name _____
Signature of Owner _____
Business Address _____

(IF A CO-PARTNERSHIP) Firm Name _____
By _____
Business Address _____
Name and Address of All Members of the Firm:

(IF A CORPORATION)
(IF A JOINT VENTURE, USE THIS SECTION FOR THE MANAGING PARTY AND THE SECOND PARTY SHOULD SIGN BELOW)
Corporate Name _____
By _____
Signature of Authorized Representative _____
Typed or printed name and title of Authorized Representative _____
Attest _____
Signature _____
Business Address _____

(IF A JOINT VENTURE)
Corporate Name _____
By _____
Signature of Authorized Representative _____
Typed or printed name and title of Authorized Representative _____
Attest _____
Signature _____
Business Address _____

If more than two parties are in the joint venture, please attach an additional signature sheet.



Return with Bid

Division of Highways
Proposal Bid Bond
(Effective November 1, 1992)

Item No. _____

Letting Date _____

KNOW ALL MEN BY THESE PRESENTS, That We _____

as PRINCIPAL, and _____

_____ as SURETY, are held jointly, severally and firmly bound unto the STATE OF ILLINOIS in the penal sum of 5 percent of the total bid price, or for the amount specified in Article 102.09 of the "Standard Specifications for Road and Bridge Construction" in effect on the date of invitation for bids, whichever is the lesser sum, well and truly to be paid unto said STATE OF ILLINOIS, for the payment of which we bind ourselves, our heirs, executors, administrators, successors and assigns.

THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH, that whereas, the PRINCIPAL has submitted a bid proposal to the STATE OF ILLINOIS, acting through the Department of Transportation, for the improvement designated by the Transportation Bulletin Item Number and Letting Date indicated above.

NOW, THEREFORE, if the Department shall accept the bid proposal of the PRINCIPAL; and if the PRINCIPAL shall, within the time and as specified in the bidding and contract documents, submit a DBE Utilization Plan that is accepted and approved by the Department; and if, after award by the Department, the PRINCIPAL shall enter into a contract in accordance with the terms of the bidding and contract documents including evidence of the required insurance coverages and providing such bond as specified with good and sufficient surety for the faithful performance of such contract and for the prompt payment of labor and material furnished in the prosecution thereof; or if, in the event of the failure of the PRINCIPAL to make the required DBE submission or to enter into such contract and to give the specified bond, the PRINCIPAL pays to the Department the difference not to exceed the penalty hereof between the amount specified in the bid proposal and such larger amount for which the Department may contract with another party to perform the work covered by said bid proposal, then this obligation shall be null and void, otherwise, it shall remain in full force and effect.

IN THE EVENT the Department determines the PRINCIPAL has failed to comply with any requirement as set forth in the preceding paragraph, then Surety shall pay the penal sum to the Department within fifteen (15) days of written demand therefor. If Surety does not make full payment within such period of time, the Department may bring an action to collect the amount owed. Surety is liable to the Department for all its expenses, including attorney's fees, incurred in any litigation in which it prevails either in whole or in part.

In TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by

their respective officers this _____ day of _____ A.D., _____ .

PRINCIPAL

SURETY

(Company Name)

(Company Name)

By _____
(Signature & Title)

By: _____
(Signature of Attorney-in-Fact)

Notary Certification for Principal and Surety

STATE OF ILLINOIS,
County of _____

I, _____, a Notary Public in and for said County, do hereby certify that

_____ and _____
(Insert names of individuals signing on behalf of PRINCIPAL & SURETY)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL and SURETY, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instrument as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this _____ day of _____ A.D. _____

My commission expires _____

Notary Public

In lieu of completing the above section of the Proposal Bid Form, the Principal may file an Electronic Bid Bond. By signing the proposal and marking the check box next to the Signature and Title line below, the Principal is ensuring the identified electronic bid bond has been executed and the Principal and Surety are firmly bound unto the State of Illinois under the conditions of the bid bond as shown above.

Electronic Bid Bond ID# _____

Company / Bidder Name _____



Signature and Title _____

PROPOSAL ENVELOPE



PROPOSALS

for construction work advertised for bids by the
Illinois Department of Transportation

Item No.	Item No.	Item No.

Submitted By:

Name:
Address:
Phone No.

Bidders should use an IDOT proposal envelope or affix this form to the front of a 10" x 13" envelope for the submittal of bids. If proposals are mailed, they should be enclosed in a second or outer envelope addressed to:

Engineer of Design and Environment - Room 326
Illinois Department of Transportation
2300 South Dirksen Parkway
Springfield, Illinois 62764

NOTICE

Individual bids, including Bid Bond and/or supplemental information if required, should be securely stapled.

CONTRACTOR OFFICE COPY OF CONTRACT SPECIFICATIONS

NOTICE

None of the following material needs to be returned with the bid package unless the special provisions require documentation and/or other information to be submitted.

**Contract No. 64F34
ROCK ISLAND County
Section (112Y-1,183MFT)&(13MFT,1R)RS
Routes FAU 5773 & FAP 595
District 2 Construction Funds**



Illinois Department of Transportation

SUBCONTRACTOR DOCUMENTATION

P.A. 96-0795, effective July 1, 2010, enacted substantial changes to the provisions of the Illinois Procurement Code (30 ILCS 500). Among the changes are provisions affecting subcontractors. The Contractor awarded this contract will be required as a material condition of the contract to implement and enforce the contract requirements applicable to subcontractors approved in accordance with article 108.01 of the Standard Specifications for Road and Bridge Construction.

If the Contractor seeks approval of subcontractors to perform a portion of the work, and approval is granted by the Department, the Contractor shall provide a copy of the subcontract to the Chief Procurement Officer within 20 calendar days after execution of the subcontract.

The subcontract shall contain the certifications required to be made by subcontractors pursuant to Article 50 of the Illinois Procurement Code. This Notice to Bidders includes a document incorporating all required subcontractor certifications and disclosures for use by the Contractor in compliance with this mandate. The document is entitled State Required Ethical Standards Governing Subcontractors.

RETURN WITH SUBCONTRACT

STATE ETHICAL STANDARDS GOVERNING SUBCONTRACTORS

Article 50 of the Illinois Procurement Code establishes the duty of all State chief procurement officers, State purchasing officers, and their designees to maximize the value of the expenditure of public moneys in procuring goods, services, and contracts for the State of Illinois and to act in a manner that maintains the integrity and public trust of State government. In discharging this duty, they are charged by law to use all available information, reasonable efforts, and reasonable actions to protect, safeguard, and maintain the procurement process of the State of Illinois.

The certifications hereinafter made by the subcontractor are each a material representation of fact upon which reliance is placed should the Department approve the subcontractor. The chief procurement officer may terminate or void the subcontract approval if it is later determined that the bidder or subcontractor rendered a false or erroneous certification.

Section 50-2 of the Illinois Procurement Code provides that every person that has entered into a multi-year contract and every subcontractor with a multi-year subcontract shall certify, by July 1 of each fiscal year covered by the contract after the initial fiscal year, to the responsible chief procurement officer whether it continues to satisfy the requirements of Article 50 pertaining to the eligibility for a contract award. If a contractor or subcontractor is not able to truthfully certify that it continues to meet all requirements, it shall provide with its certification a detailed explanation of the circumstances leading to the change in certification status. A contractor or subcontractor that makes a false statement material to any given certification required under Article 50 is, in addition to any other penalties or consequences prescribed by law, subject to liability under the Whistleblower Reward and Protection Act for submission of a false claim.

A. Bribery

1. The Illinois Procurement Code provides:

Section 50-5. Bribery.

(a) Prohibition. No person or business shall be awarded a contract or subcontract under this Code who:

(1) has been convicted under the laws of Illinois or any other state of bribery or attempting to bribe an officer or employee of the State of Illinois or any other state in that officer's or employee's official capacity; or

(2) has made an admission of guilt of that conduct that is a matter of record but has not been prosecuted for that conduct.

(b) Businesses. No business shall be barred from contracting with any unit of State or local government, or subcontracting under such a contract, as a result of a conviction under this Section of any employee or agent of the business if the employee or agent is no longer employed by the business and:

(1) the business has been finally adjudicated not guilty; or

(2) the business demonstrates to the governmental entity with which it seeks to contract, or which is signatory to the contract to which the subcontract relates, and that entity finds that the commission of the offense was not authorized, requested, commanded, or performed by a director, officer, or high managerial agent on behalf of the business as provided in paragraph (2) of subsection (a) of Section 5-4 of the Criminal Code of 1961.

(c) Conduct on behalf of business. For purposes of this Section, when an official, agent, or employee of a business committed the bribery or attempted bribery on behalf of the business and in accordance with the direction or authorization of a responsible official of the business, the business shall be chargeable with the conduct.

(d) Certification. Every bid submitted to and contract executed by the State, and every subcontract subject to Section 20-120 of the Procurement Code shall contain a certification by the contractor or the subcontractor, respectively, that the contractor or subcontractor is not barred from being awarded a contract or subcontract under this Section and acknowledges that the chief procurement officer may declare the related contract void if any certifications required by this Section are false. A contractor who makes a false statement, material to the certification, commits a Class 3 felony.

2. The contractor or subcontractor certifies that it is not barred from being awarded a contract under Section 50.5.

B. Felons

1. The Illinois Procurement Code provides:

Section 50-10. Felons. Unless otherwise provided, no person or business convicted of a felony shall do business with the State of Illinois or any State agency, or enter into a subcontract, from the date of conviction until 5 years after the date of completion of the sentence for that felony, unless no person held responsible by a prosecutorial office for the facts upon which the conviction was based continues to have any involvement with the business.

2. Certification. Every bid submitted to and contract executed by the State and every subcontract subject to Section 20-120 of the Procurement Code shall contain a certification by the bidder or contractor or subcontractor, respectively, that the bidder, contractor, or subcontractor is not barred from being awarded a contract or subcontract under this Section and acknowledges that the chief procurement officer may declare the related contract void if any of the certifications required by this Section are false.

RETURN WITH SUBCONTRACT

C. Debt Delinquency

1. The Illinois Procurement Code provides:

Section 50-11 and 50-12. Debt Delinquency.

The contractor or bidder or subcontractor, respectively, certifies that it, or any affiliate, is not barred from being awarded a contract or subcontract under the Procurement Code. Section 50-11 prohibits a person from entering into a contract with a State agency, or entering into a subcontract, if it knows or should know that it, or any affiliate, is delinquent in the payment of any debt to the State as defined by the Debt Collection Board. Section 50-12 prohibits a person from entering into a contract with a State agency, or entering into a subcontract, if it, or any affiliate, has failed to collect and remit Illinois Use Tax on all sales of tangible personal property into the State of Illinois in accordance with the provisions of the Illinois Use Tax Act. The bidder or contractor or subcontractor, respectively, further acknowledges that the chief procurement officer may declare the related contract void if this certification is false or if the bidder, contractor, or subcontractor, or any affiliate, is determined to be delinquent in the payment of any debt to the State during the term of the contract.

D. Prohibited Bidders, Contractors and Subcontractors

1. The Illinois Procurement Code provides:

Section 50-10.5 and 50-60(c). Prohibited bidders, contractors and subcontractors.

The bidder or contractor or subcontractor, respectively, certifies in accordance with 30 ILCS 500/50-10.5 that no officer, director, partner or other managerial agent of the contracting business has been convicted of a felony under the Sarbanes-Oxley Act of 2002 or a Class 3 or Class 2 felony under the Illinois Securities Law of 1953 or if in violation of Subsection (c) for a period of five years from the date of conviction.. Every bid submitted to and contract executed by the State and every subcontract subject to Section 20-120 of the Procurement Code shall contain a certification by the bidder, contractor, or subcontractor, respectively, that the bidder, contractor, or subcontractor is not barred from being awarded a contract or subcontract under this Section and acknowledges that the chief procurement officer shall declare the related contract void if any of the certifications completed pursuant to this Section are false.

E. Section 42 of the Environmental Protection Act

The bidder or contractor or subcontractor, respectively, certifies in accordance with 30 ILCS 500/50-12 that the bidder, contractor, or subcontractor, is not barred from being awarded a contract or entering into a subcontract under this Section which prohibits the bidding on or entering into contracts with the State of Illinois or a State agency, or entering into any subcontract, that is subject to the Procurement Code by a person or business found by a court or the Pollution Control Board to have committed a willful or knowing violation of Section 42 of the Environmental Protection Act for a period of five years from the date of the order. The bidder or contractor or subcontractor, respectively, acknowledges that the chief procurement officer may declare the contract void if this certification is false.

The undersigned, on behalf of the subcontracting company, has read and understands the above certifications and makes the certifications as required by law.

<hr style="width: 80%; margin: 0 auto;"/> <p style="text-align: center;">Name of Subcontracting Company</p>	
<hr style="width: 80%; margin: 0 auto;"/> <p style="text-align: center;">Authorized Officer</p>	<hr style="width: 10%; margin: 0 auto;"/> <p style="text-align: center;">Date</p>

RETURN WITH SUBCONTRACT

SUBCONTRACTOR DISCLOSURES

I. DISCLOSURES

- A. The disclosures hereinafter made by the subcontractor are each a material representation of fact upon which reliance is placed. The subcontractor further certifies that the Department has received the disclosure forms for each subcontract.

The chief procurement officer may void the bid, contract, or subcontract, respectively, if it is later determined that the bidder or subcontractor rendered a false or erroneous disclosure. A contractor or subcontractor may be suspended or debarred for violations of the Procurement Code. Furthermore, the chief procurement officer may void the contract or subcontract.

B. Financial Interests and Conflicts of Interest

1. Section 50-35 of the Illinois Procurement Code provides that all subcontracts of more than \$10,000 shall be accompanied by disclosure of the financial interests of the subcontractor. This disclosed information for the subcontractor, will be maintained as public information subject to release by request pursuant to the Freedom of Information Act, filed with the Procurement Policy Board, and shall be incorporated as a material term of the Prime Contractor's contract. Furthermore, pursuant to this Section, the Procurement Policy Board may recommend to allow or void a contract or subcontract based on a potential conflict of interest.

The financial interests to be disclosed shall include ownership or distributive income share that is in excess of 5%, or an amount greater than 60% of the annual salary of the Governor, of the subcontracting entity or its parent entity, whichever is less, unless the subcontractor is a publicly traded entity subject to Federal 10K reporting, in which case it may submit its 10K disclosure in place of the prescribed disclosure. If a subcontractor is a privately held entity that is exempt from Federal 10K reporting, but has more than 400 shareholders, it may submit the information that Federal 10K companies are required to report, and list the names of any person or entity holding any ownership share that is in excess of 5%. The disclosure shall include the names, addresses, and dollar or proportionate share of ownership of each person making the disclosure, their instrument of ownership or beneficial relationship, and notice of any potential conflict of interest resulting from the current ownership or beneficial interest of each person making the disclosure having any of the relationships identified in Section 50-35 and on the disclosure form.

In addition, all disclosures shall indicate any other current or pending contracts, subcontracts, proposals, leases, or other ongoing procurement relationships the subcontracting entity has with any other unit of state government and shall clearly identify the unit and the contract, subcontract, proposal, lease, or other relationship.

2. Disclosure Forms. Disclosure Form A is attached for use concerning the individuals meeting the above ownership or distributive share requirements. Subject individuals should be covered each by one form. In addition, a second form (Disclosure Form B) provides for the disclosure of current or pending procurement relationships with other (non-IDOT) state agencies. **The forms must be included with each bid or incorporated by reference.**

C. Disclosure Form Instructions

Form A Instructions for Financial Information & Potential Conflicts of Interest

If the subcontractor is a publicly traded entity subject to Federal 10K reporting, the 10K Report may be submitted to meet the requirements of Form A. If a subcontractor is a privately held entity that is exempt from Federal 10K reporting, but has more than 400 shareholders, it may submit the information that Federal 10K companies are required to report, and list the names of any person or entity holding any ownership share that is in excess of 5%. If a subcontractor is not subject to Federal 10K reporting, the subcontractor must determine if any individuals are required by law to complete a financial disclosure form. To do this, the subcontractor should answer each of the following questions. A "YES" answer indicates Form A must be completed. If the answer to each of the following questions is "NO", then the NOT APPLICABLE STATEMENT on the second page of Form A must be signed and dated by a person that is authorized to execute contracts for the subcontracting company. Note: These questions are for assistance only and are not required to be completed.

1. Does anyone in your organization have a direct or beneficial ownership share of greater than 5% of the bidding entity or parent entity? YES ___ NO ___
2. Does anyone in your organization have a direct or beneficial ownership share of less than 5%, but which has a value greater than \$106,447.20? YES ___ NO ___
3. Does anyone in your organization receive more than \$106,447.20 of the subcontracting entity's or parent entity's distributive income? (Note: Distributive income is, for these purposes, any type of distribution of profits. An annual salary is not distributive income.) YES ___ NO ___
4. Does anyone in your organization receive greater than 5% of the subcontracting entity's or parent entity's total distributive income, but which is less than \$106,447.20? YES ___ NO ___

(Note: Only one set of forms needs to be completed per person per subcontract even if a specific individual would require a yes answer to more than one question.)

A "YES" answer to any of these questions requires the completion of Form A. The subcontractor must determine each individual in the subcontracting entity or the subcontracting entity's parent company that would cause the questions to be answered "Yes". Each form must be signed and dated by a person that is authorized to execute contracts for your organization. **Photocopied or stamped signatures are not acceptable.** The person signing can be, but does not have to be, the person for which the form is being completed. The subcontractor is responsible for the accuracy of any information provided.

If the answer to each of the above questions is "NO", then the NOT APPLICABLE STATEMENT on page 2 of Form A must be signed and dated by a person that is authorized to execute contracts for your company.

RETURN WITH SUBCONTRACT

Form B: Instructions for Identifying Other Contracts & Procurement Related Information

Disclosure Form B must be completed for each subcontract submitted by the subcontracting entity. *Note: Checking the NOT APPLICABLE STATEMENT on Form A does not allow the subcontractor to ignore Form B. Form B must be completed, checked, and dated or the subcontract will not be approved.*

The Subcontractor shall identify, by checking Yes or No on Form B, whether it has any pending contracts, subcontracts, leases, bids, proposals, or other ongoing procurement relationship with any other (non-IDOT) State of Illinois agency. If "No" is checked, the subcontractor only needs to complete the check box on the bottom of Form B. If "Yes" is checked, the subcontractor must list all non-IDOT State of Illinois agency pending contracts, subcontracts, leases, bids, proposals, and other ongoing procurement relationships. These items may be listed on Form B or on an attached sheet(s). Contracts with cities, counties, villages, etc. are not considered State of Illinois agency contracts and are not to be included. Contracts or subcontracts with other State of Illinois agencies such as the Department of Natural Resources or the Capital Development Board must be included.

ILLINOIS DEPARTMENT OF TRANSPORTATION

Form A Subcontractor: Financial Information & Potential Conflicts of Interest Disclosure

Subcontractor Name, Legal Address, City, State, Zip, Telephone Number, Email Address, Fax Number (if available)

Disclosure of the information contained in this Form is required by the Section 50-35 of the Illinois Procurement Code (30 ILCS 500). Subcontractors desiring to enter into a subcontract of a State of Illinois contract must disclose the financial information and potential conflict of interest information as specified in this Disclosure Form. This information shall become part of the publicly available contract file. This Form A must be completed for bids in excess of \$10,000, and for all open-ended contracts. A publicly traded company may submit a 10K disclosure (or equivalent if applicable) in satisfaction of the requirements set forth in Form A. See Disclosure Form Instructions.

DISCLOSURE OF FINANCIAL INFORMATION

1. Disclosure of Financial Information. The individual named below has an interest in the SUBCONTRACTOR (or its parent) in terms of ownership or distributive income share in excess of 5%, or an interest which has a value of more than \$106,447.20 (60% of the Governor's salary as of 7/1/07). (Make copies of this form as necessary and attach a separate Disclosure Form A for each individual meeting these requirements)

FOR INDIVIDUAL (type or print information) NAME: ADDRESS Type of ownership/distributable income share: stock sole proprietorship Partnership other: (explain on separate sheet): % or \$ value of ownership/distributable income share:

2. Disclosure of Potential Conflicts of Interest. Check "Yes" or "No" to indicate which, if any, of the following potential conflict of interest relationships apply. If the answer to any question is "Yes", please attach additional pages and describe.

(a) State employment, currently or in the previous 3 years, including contractual employment of services. Yes ___ No ___

If your answer is yes, please answer each of the following questions.

1. Are you currently an officer or employee of either the Capitol Development Board or the Illinois Toll Highway Authority? Yes ___ No ___

2. Are you currently appointed to or employed by any agency of the State of Illinois? If you are currently appointed to or employed by any agency of the State of Illinois, and your annual salary exceeds \$106,447.20, (60% of the Governor's salary as of 7/1/07) provide the name the State agency for which you are employed and your annual salary.

RETURN WITH SUBCONTRACT

3. If you are currently appointed to or employed by any agency of the State of Illinois, and your annual salary exceeds \$106,447.20, (60% of the Governor's salary as of 7/1/07) are you entitled to receive (i) more than 7 1/2% of the total distributable income of your firm, partnership, association or corporation, or (ii) an amount in excess of the salary of the Governor? Yes ___ No ___
4. If you are currently appointed to or employed by any agency of the State of Illinois, and your annual salary exceeds \$106,447.20, (60% of the Governor's salary as of 7/1/07) are you and your spouse or minor children entitled to receive (i) more than 15 % in the aggregate of the total distributable income of your firm, partnership, association or corporation, or (ii) an amount in excess of 2 times the salary of the Governor? Yes ___ No ___

(b) State employment of spouse, father, mother, son, or daughter, including contractual employment services in the previous 2 years.

Yes ___ No ___

If your answer is yes, please answer each of the following questions.

1. Is your spouse or any minor children currently an officer or employee of the Capitol Development Board or the Illinois Toll Highway Authority? Yes ___ No ___
2. Is your spouse or any minor children currently appointed to or employed by any agency of the State of Illinois? If your spouse or minor children is/are currently appointed to or employed by any agency of the State of Illinois, and his/her annual salary exceeds \$106,447.20, (60 % of the Governor's salary as of 7/1/07) provide the name of your spouse and/or minor children, the name of the State agency for which he/she is employed and his/her annual salary. _____

-
3. If your spouse or any minor children is/are currently appointed to or employed by any agency of the State of Illinois, and his/her annual salary exceeds \$106,447.20, (60% of the salary of the Governor as of 7/1/07) are you entitled to receive (i) more then 71/2% of the total distributable income of your firm, partnership, association or corporation, or (ii) an amount in excess of the salary of the Governor? Yes ___ No ___

4. If your spouse or any minor children are currently appointed to or employed by any agency of the State of Illinois, and his/her annual salary exceeds \$106,447.20, (60% of the Governor's salary as of 7/1/07) are you and your spouse or minor children entitled to receive (i) more than 15 % in the aggregate of the total distributable income of your firm, partnership, association or corporation, or (ii) an amount in excess of 2 times the salary of the Governor? Yes ___ No ___

(c) Elective status; the holding of elective office of the State of Illinois, the government of the United States, any unit of local government authorized by the Constitution of the State of Illinois or the statutes of the State of Illinois currently or in the previous 3 years. Yes ___ No ___

(d) Relationship to anyone holding elective office currently or in the previous 2 years; spouse, father, mother, son, or daughter. Yes ___ No ___

(e) Appointive office; the holding of any appointive government office of the State of Illinois, the United States of America, or any unit of local government authorized by the Constitution of the State of Illinois or the statutes of the State of Illinois, which office entitles the holder to compensation in excess of the expenses incurred in the discharge of that office currently or in the previous 3 years. Yes ___ No ___

(f) Relationship to anyone holding appointive office currently or in the previous 2 years; spouse, father, mother, son, or daughter. Yes ___ No ___

(g) Employment, currently or in the previous 3 years, as or by any registered lobbyist of the State government. Yes ___ No ___

RETURN WITH SUBCONTRACT

(h) Relationship to anyone who is or was a registered lobbyist in the previous 2 years; spouse, father, mother, son, or daughter. Yes ___ No ___

(i) Compensated employment, currently or in the previous 3 years, by any registered election or reelection committee registered with the Secretary of State or any county clerk of the State of Illinois, or any political action committee registered with either the Secretary of State or the Federal Board of Elections. Yes ___ No ___

(j) Relationship to anyone; spouse, father, mother, son, or daughter; who was a compensated employee in the last 2 years by any registered election or re-election committee registered with the Secretary of State or any county clerk of the State of Illinois, or any political action committee registered with either the Secretary of State or the Federal Board of Elections. Yes ___ No ___

APPLICABLE STATEMENT

This Disclosure Form A is submitted on behalf of the INDIVIDUAL named on previous page. Under penalty of perjury, I certify the contents of this disclosure to be true and accurate to the best of my knowledge.

Completed by: _____ Date _____
Signature of Individual or Authorized Officer

NOT APPLICABLE STATEMENT

Under penalty of perjury, I have determined that no individuals associated with this organization meet the criteria that would require the completion of this Form A.

This Disclosure Form A is submitted on behalf of the SUBCONTRACTOR listed on the previous page.

_____ Date _____
Signature of Authorized Officer

RETURN WITH SUBCONTRACT

ILLINOIS DEPARTMENT
OF TRANSPORTATION

Form B
Subcontractor: Other Contracts &
Procurement Related Information
Disclosure

Subcontractor Name		
Legal Address		
City, State, Zip		
Telephone Number	Email Address	Fax Number (if available)

Disclosure of the information contained in this Form is required by the Section 50-35 of the Illinois Procurement Act (30 ILCS 500). This information shall become part of the publicly available contract file. This Form B must be completed for bids in excess of \$10,000, and for all open-ended contracts.

DISCLOSURE OF OTHER CONTRACTS, SUBCONTRACTS, AND PROCUREMENT RELATED INFORMATION

1. Identifying Other Contracts & Procurement Related Information. The SUBCONTRACTOR shall identify whether it has any pending contracts, subcontracts, including leases, bids, proposals, or other ongoing procurement relationship with any other State of Illinois agency: Yes ___ No ___

If "No" is checked, the subcontractor only needs to complete the signature box on the bottom of this page.

2. If "Yes" is checked. Identify each such relationship by showing State of Illinois agency name and other descriptive information such as bid or project number (attach additional pages as necessary). SEE DISCLOSURE FORM INSTRUCTIONS:

THE FOLLOWING STATEMENT MUST BE CHECKED

<input type="checkbox"/>	_____	_____
	Signature of Authorized Officer	Date



NOTICE TO BIDDERS

- 1. TIME AND PLACE OF OPENING BIDS.** Sealed proposals for the improvement described herein will be received by the Department of Transportation at the Harry R. Hanley Building, 2300 South Dirksen Parkway, in Springfield, Illinois until 10:00 o'clock a.m., June 11, 2010. All bids will be gathered, sorted, publicly opened and read in the auditorium at the Department of Transportation's Harry R. Hanley Building shortly after the 10:00 a.m. cut off time.
- 2. DESCRIPTION OF WORK.** The proposed improvement is identified and advertised for bids in the Invitation for Bids as:

**Contract No. 64F34
ROCK ISLAND County
Section (112Y-1,183MFT)&(13MFT,1R)RS
Routes FAU 5773 & FAP 595
District 2 Construction Funds**

This project consists of pavement patching on Avenue of the Cities from 0.3 mile west of Kennedy Drive in East Moline to IL Rte. 5 in Carbon Cliff and milling, patching, and resurfacing on IL Rte. 84 and Colona Road from IL Rte 5 in Carbon Cliff to the Henry County Line at the Rock River.

- 3. INSTRUCTIONS TO BIDDERS.** (a) This Notice, the invitation for bids, proposal and letter of award shall, together with all other documents in accordance with Article 101.09 of the Standard Specifications for Road and Bridge Construction, become part of the contract. Bidders are cautioned to read and examine carefully all documents, to make all required inspections, and to inquire or seek explanation of the same prior to submission of a bid.

(b) State law, and, if the work is to be paid wholly or in part with Federal-aid funds, Federal law requires the bidder to make various certifications as a part of the proposal and contract. By execution and submission of the proposal, the bidder makes the certification contained therein. A false or fraudulent certification shall, in addition to all other remedies provided by law, be a breach of contract and may result in termination of the contract.
- 4. AWARD CRITERIA AND REJECTION OF BIDS.** This contract will be awarded to the lowest responsive and responsible bidder considering conformity with the terms and conditions established by the Department in the rules, Invitation for Bids and contract documents. The issuance of plans and proposal forms for bidding based upon a prequalification rating shall not be the sole determinant of responsibility. The Department reserves the right to determine responsibility at the time of award, to reject any or all proposals, to readvertise the proposed improvement, and to waive technicalities.

By Order of the
Illinois Department of Transportation

Gary Hannig,
Secretary

INDEX
FOR
SUPPLEMENTAL SPECIFICATIONS
AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2010

This index contains a listing of SUPPLEMENTAL SPECIFICATIONS and frequently used RECURRING SPECIAL PROVISIONS.

ERRATA Standard Specifications for Road and Bridge Construction (Adopted 1-1-07) (Revised 1-1-10)

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Rock Island County
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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 FAU Route 5773 (Avenue of the Cities) & FAP Route 595 (IL 84 & Colona Road), Section (112Y-1, 183MFT) & (13MFT, 1R)RS, Rock Island County, Contract 64F34, and in case of conflict with any part or parts of said Specifications, the said Special Provisions shall take precedence and shall govern.

LOCATION OF PROJECT

0.3 mi. West of Kennedy Drive in East Moline to IL 5 in Carbon Cliff, and on IL 84 and Colona Road from IL 5 in Carbon Cliff to the Henry County Line at the Rock River.

DESCRIPTION OF PROJECT

Pavement patching on "Avenue of the Cities" and cold milling, pavement patching, and HMA resurfacing on IL 84 & Colona Road.

TRAFFIC CONTROL PLAN

Effective January 14, 1999

Traffic Control shall be according to the applicable sections of the Standard Specifications for Road and Bridge Construction, the applicable guidelines contained in the National Manual on Uniform Traffic Control Devices for Streets and Highways, Illinois Supplement to the National Manual on Uniform Traffic Control Devices, 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 for Road and Bridge Construction and the following Highway Standards relating to traffic control.

Standards:

701101	701106	701411	701421	701422	701426
701451	701601	701606	701701	701901	

Details:

Traffic Control Details:
91.2 Rough Grooved Surface Sign
94.2 Traffic Control and Protection at Turn Bays
39.1 Traffic Control Typical Weave
40.1 Traffic Control for Road Closure

General:

Where construction activities involve sidewalks on both sides of the street, the work shall be staged so that both sidewalks are not out of service at the same time.

Signs:

No bracing shall be allowed on post-mounted signs.

Post-mounted signs shall be installed using standard 720011, 728001, 729001, on 4"x4" wood posts, or on any other "break away" connection if accepted by the FHWA and corresponding letter is provided to the resident.

All signs are required on both sides of the road when the median is greater than 10 feet and on one way roadways.

The "WORKERS" (W21-1a(O)-48) signs shall be replaced with symbol "Right or Left Lane Closed Ahead" (W4-2R or L(O)-48) signs on multilane roadways.

"BUMP" (W8-1(O)48) signs shall be installed as directed by the Engineer.

"LOW SHOULDER" W8-9(O)48 signs shall be installed at 1 mile intervals or as directed by the Engineer.

When covering existing Department signs, no tape shall be used on the reflective portion of the sign. Contact the District sign shop for covering techniques.

All regulatory signs shall be maintained at a 5 foot minimum bottom (rural), 7 foot minimum (urban).

Devices:

A minimum of 3 drums spaced at 1.2 meters (4 feet) shall be placed at each return when the sideroad is open.

Direction Indicator Barricades shall exclusively be used in lane closure tapers. They shall be used only when traffic is being merged with an adjacent through lane or shifted onto a median crossover.

Vertical barricades shall not be used in weaves, and in the gore areas on Highway Standard 701411.

Lights:

Steady burn mono-directional lights are required on devices delineating a widening trench.

Flaggers:

Flagger at Sideroads and Commercial Entrances:

Effective: April 9, 2009

Revise the second paragraph of Article 701.13(a) of the Standard Specifications to read:

“The Engineer will determine when a sideroad or commercial entrance shall be closed to traffic. A flagger will be required at each sideroad and any commercial entrance deemed necessary by the Engineer remaining open to traffic within the operation where two-way traffic is maintained on one lane of pavement. The flagger shall be positioned as shown on the plans or as directed by the Engineer.”

Revise the first and second paragraph of Article 701.20(i) of the Standard Specifications to read:

“Signs, barricades, or other traffic control devices required by the Engineer over and above those specified will be paid for according to Article 109.04. All flaggers required at side roads and entrances remaining open to traffic including those that are shown on the Highway Standards and/or additional barricades required by the Engineer to close side roads and entrances will be paid for according to Article 109.04.”

Flaggers shall comply with all requirements contained in the Department’s “Flagger Handbook” with the following exception: The ANSII Class 2 vest will not be supplied by the Department.

When the road is closed to through traffic and it is necessary to provide access for local traffic, all flaggers as shown on the applicable standards will be required. No reduction in the number of flaggers shall be allowed.

All short term pavement markings placed on a milled surface shall be paint.

Traffic Control and Protection Standard 701422: This work shall be done according to Standard 701422 and Section 701 of the Standard Specifications. The Contractor shall be required to install the 701422 two (2) calendar days in advance of the areas to be patched for the protection of the State personnel laying out the locations for pavement patching.

The barricades as shown in Standard 701422 shall not encroach on the lane open to traffic at any time. The only exception to this will be in the immediate work area when workers are present, then the barricades may be moved out to permit the construction operation.

This work shall be included in the contract unit price per Lump Sum for TRAFFIC CONTROL AND PROTECTION STANDARD 701422.

Standards 701400, 701401, 701402, 701406, 701411, 701416, 701421, 701422, 701423, 701426 and 701446: The Contractor shall equip all machinery and vehicles with revolving amber lights, installed so the illumination is visible from all directions.

The median crossover will generally not be available for Contractor use. It may be used only when both lanes adjacent to the median are closed. Under no condition shall left turn lanes be made to cross the median from lanes open to traffic.

Parking of personal vehicles within the state right of way will be strictly prohibited. Parking of construction equipment within the right of way will be permitted only at locations approved by the Engineer.

Traffic Control for Road Closure: In order to complete Class B Patching at the intersection of Avenue of the Cities and 19th Street in Silvis, the three legs of incoming traffic – westbound Avenue of the Cities, southbound 19th Street, and northbound 19th Street may be closed for one day on a Saturday. The Contractor shall select any Saturday after July 31, 2010 other than Labor Day weekend.

Westbound Avenue of the Cities shall be closed at Hospital Road, as well as the turn lanes on Hospital Road. The single lane ramp from southbound 19th Street to eastbound Avenue of the Cities shall be closed north of the intersection and the southbound 19th Street thru lanes shall remain open. Northbound 19th Street shall be closed southwest of the intersection and eastbound Avenue of the Cities shall remain open.

The single lane ramp from southbound 19th Street to eastbound Avenue of the Cities may be closed for an additional 5 days to complete the patching. This ramp may be closed on Monday morning and shall be open by 4:00 p.m. Friday.

The northbound ramp to 19th Street shall be closed using the sign spacing on Standard 701422. Signing will also include a sign "Ramp Closed Ahead" and the contractor will be required to cover the left half of the existing information signing on Avenue of the Cities. The southbound 19th Street ramp to eastbound Avenue of the Cities will require the sign "Ramp Closed Ahead" and "Exit Closed" along with the signing required in the standard. Also signing from Traffic Control Standard 701451 for a ramp closure shall be included. This shall all be included in the contract unit price for TRAFFIC CONTROL ROAD CLOSURE.

Three weeks prior to closing the intersection, the Contractor shall notify the Department of Transportation, the City of Silvis and all emergency response agencies. One week prior to closing the intersection, the Contractor shall deploy changeable message signs, as directed by the Engineer, to inform the traveling public of the closure.

This work shall be done according to District Standard 40.1, Traffic Control for Road Closure, and Section 701 of the Standard Specifications.

This work shall be paid for at the contract unit price per Lump Sum for TRAFFIC CONTROL FOR ROAD CLOSURE. There will be one lump sum for the entire job which shall include all work necessary to close the intersection as described above.

Maintenance of Traffic: Traffic shall be maintained using Traffic Control and Protection Standard 701422, 701601 and 701606.

The mainline shall be kept open to one-way traffic at all times during working hours and two-way traffic during non-working hours.

The Contractor shall be required to notify the Rock Island County Highway Department, the corresponding Township Commissioner, emergency response agencies (i.e.: fire, ambulance, police), school bus companies and the Department of Transportation (Bureau of Project Implementation) regarding any changes in traffic control.

The sawing of patches, resurfacing and placing of shoulder aggregate shall be completed using Traffic Control and Protection Standard 701422, 701601 and 701606.

The pavement patch removal and replacement shall be completed using Traffic Control and Protection Standard 701422, 701601 and 701606.

The Contractor shall have all lanes open on weekends, unless prior approval is obtained from the Resident Engineer.

Placing and removing pavement marking shall be completed using Traffic Control and Protection Standard 701701.

Traffic Control and Protection, Standard 701701: This work shall be done according to Section 701 of the Standard Specifications and the Typical Application of Traffic Control Devices for Highway Construction, Standard 701701, and as specified herein.

The “left” leg of the intersection shown on this standard also applies when the right turn lane is closed. When the right turn lane is closed, “RIGHT TURN LANE CLOSED AHEAD” shall be substituted for the “LEFT TURN LANE CLOSED AHEAD” and the set up would be a mirror image to what is shown.

This work shall be included in the contract unit price per Lump Sum for TRAFFIC CONTROL AND PROTECTION STANDARD 701701.

HOT-MIX ASPHALT SURFACE COURSE, CUT OFF DATE

Effective: December 8, 1998

Revised: October 17, 2007

Placement of Hot-Mix Asphalt Surface Course will not be permitted after October 15 unless approved, in writing, by the Resident Engineer.

GEOTECHNICAL REINFORCEMENT

Revised September 1, 2004

Biaxial Geogrid Flat Installation

This work consists of furnishing and installing an integrally-formed polypropylene geotechnical grid reinforcement material. The grid shall have an aperture, rib and junction cross section sufficient to permit significant mechanical interlock with the material being reinforced. There shall be a high continuity of tensile strength through all ribs and junctions of the grid material to reinforce the embankment or subgrade as shown on the plans and specifications.

Materials: Each layer of geogrid shall conform to the property requirements listed below. Multilayer geogrid and multiple layers of lesser strength geogrids will not be accepted.

Reinforcement and Interlock

<u>Property</u>	<u>Test Method</u>	<u>Value</u>
<u>Tensile Modulus</u> :		
▪ True Tensile Modulus	ASTMD 6637	17,000 lb./ft. (Min.)
▪ True Tensile Strength @ 2% Strain		280 lb./ft. (Min.)
▪ True Tensile Strength @5% Strain		580 lb./ft. (Min.)

Apertures:

- Aperture Stability USACE* 2.7 in. – lb./deg. (min.)
 - Open Area COE Method Modified** 70% (Nom.)
- * Resistance to in-plane rotational movement measured by applying a 20 kg-cm moment to the central junction of a 9 inch x 9 inch specimen restrained at its perimeter (U.S. Army Corps of Engineers Methodology for measurement of Torsional Rigidity).
- ** Percent open area measured without magnification by Corps of Engineers method as specified in CW 02215 Civil Works Construction Guide, November, 1977.

Structural Integrity:

- Flexural Stiffness ASTM D-5732–95 *** 0.2 in.-lb. (Min.)
 - Junction Efficiency GRI GG2-87**** 90% (Min.)
- *** Resistance to bending force measured via ASTM D-5732-95, using specimens of width two ribs wide, with transverse ribs cut flush with exterior edges of longitudinal ribs (as a “ladder), and of length sufficiently long to enable measurement of the overhang dimension. The overall Flexural Stiffness is calculated as the square root of the product of machine-and cross-machine-direction Flexural Stiffness values.
- **** Load transfer capability measured via GRI-GG2-87. Expressed as a percentage of ultimate tensile strength.

Material

Polypropylene	ASTM D 1401 Group I/Class 1/Grade 2	98% (Min.)
Carbon Black	ASTM 4218	0.5% (Min.)

The supplier should provide a certification that their product meets the above requirements.

The geotechnical reinforcement shall be placed as described herein or as shown on the cross sections.

Geogrid shall be delivered to the jobsite in such a manner as to facilitate handling and incorporation into the work without damage. Material shall be stored in such a manner as to prevent exposure to direct sunlight and damage by other construction activities.

Prior to the installation of the geogrid, the application surface shall be cleared of debris, sharp objects and trees. Tree stumps shall be cut to the level of the ground surface. If the stumps cannot be cut to the ground level, they shall be completely removed. In the case of subgrades, all wheel tracks or ruts in excess of 75 mm (3 inches) in depth shall be graded smooth or otherwise filled with soil to provide a reasonably smooth surface.

The geotechnical reinforcement shall be placed with the "roll length" parallel to the pavement. Fabric of insufficient width or length to fully cover the specified area shall be lapped a minimum of 600 mm (24 inches).

Installation:

The granular blanket shall be constructed to the width and depth required on the plans. Unless otherwise specified, the material shall be back-dumped on the Geogrid in a sequence of operations beginning at the outer edges of the treatment area with subsequent placement towards the middle.

Placement of material on the Geogrid shall be accomplished by spreading dumped material off of previously placed material with a bulldozer blade or endloader, in such a manner as to prevent tearing or shoving of the Geogrid. Dumping of material directly on the Geogrid will only be permitted to establish an initial working platform. No construction equipment shall be allowed on the Geogrid prior to placement of the granular blanket.

Unless otherwise specified in the plans or Special Provisions, the granular material, shall be placed to the full required thickness and compacted.

Geogrid which is damaged during installation or subsequent placement of granular material, due to failure of the Contractor to comply with these provisions, shall be repaired or replaced at his expense, including costs of removal and replacement of the granular material.

Torn Geogrid may be patched in-place by cutting and placing a piece of the same Geogrid over the tear. The dimensions of the patch shall be at least 600 mm (2 feet) larger than the largest dimension of the tear and it shall be weighted or otherwise secured to prevent the granular material from causing lap separation.

Method of Measurement: Geotechnical Reinforcement will be measured in square meters (square yards) for the surface area placed. The excavation, replacement and compaction of the granular layer shall be paid for separately. Each layer of geogrid will be paid for separately.

Basis of Payment: This work will be measured in place and the area computed in square yards. The work will be paid for at the contract unit price per Square Meter (Square Yard) for GEOTECHNICAL REINFORCEMENT.

DETECTOR LOOP, SPECIAL

Effective: December 15, 2009

Revised: March 11, 2010

This item shall consist of replacing detector loops, furnishing, installing, and testing in accordance with Section 886 of the current "Standards Specifications for Road Bridge Construction".

This item shall include replacing any conduit stubs damaged during the surface grinding process. This shall also include any wire in conduit required to connect the loops.

Any 6'x20' Detector Loops shall have a minimum of three turns of wire, any 6'x6' Detector Loops shall have a minimum of four turns of wire.

Detector Loops will be measured for payment along the sawed slot in the pavement only. The cables, from the end of the saw cut to the splice in the handhole, shall not be measured for payment since it is considered to be included in the cost of the Detector Loop.

For appropriate layout of Detector Loops, Scott Kullerstrand (815/284-5468) of the Illinois Department of Transportation, Bureau of Operations, shall be contacted prior to reinstallation to mark the Detector Loop locations.

This work will be paid for at the contract unit price per Foot for DETECTOR LOOP, SPECIAL, which price shall include furnishing, installing all required components, and testing inductance to assure satisfactory operation.

ENGINEER'S FIELD OFFICE TYPE A

Effective: June 1, 2009

Revise Article 670.02 of the Standard Specifications to read:

“670.02 Engineer's Field Office Type A. Type A field offices shall have a minimum ceiling height of 7 ft (2 m) and a minimum floor space 450 sq ft (42 sq m). The office shall be provided with sufficient heat, natural and artificial light, and air conditioning.

The office shall have an electronic security system that will respond to any breach of exterior doors and windows. Doors and windows shall be equipped with locks. Doors shall also be equipped with dead bolt locks or other secondary locking device.

Windows shall be equipped with exterior screens to allow adequate ventilation. All windows shall be equipped with interior shades, curtains, or blinds. Adequate all-weather parking space shall be available to accommodate a minimum of ten vehicles.

Suitable on-site sanitary facilities meeting Federal, State, and local health department requirements shall be provided, maintained clean and in good working condition, and shall be stocked with lavatory and sanitary supplies at all times.

Sanitary facilities shall include hot and cold potable running water, lavatory and toilet as an integral part of the office where available. Solid waste disposal consisting of two waste baskets and an outside trash container of sufficient size to accommodate a weekly provided pick-up service.

In addition, the following furniture and equipment shall be furnished.

- (a) Four desks with minimum working surface 42 x 30 in. (1.1 m x 750 mm) each and five non-folding chairs with upholstered seats and backs.
- (b) One desk with minimum working surface 48 x 72 in. (1.2 x 1.8 m) with height adjustment of 23 to 30 in. (585 to 750 mm).
- (c) One four-post drafting table with minimum top size of 37 1/2 x 48 in. (950 mm x 1.2 m). The top shall be basswood or equivalent and capable of being tilted through an angle of 50 degrees. An adjustable height drafting stool with upholstered seat and back shall also be provided.

- (d) Two free standing four drawer legal size file cabinet with lock and an underwriters' laboratories insulated file device 350 degrees one hour rating.
- (e) One 6 ft (1.8 m) folding table with six folding chairs.
- (f) One equipment cabinet of minimum inside dimension of 44 in. (1100 mm) high x 24 in. (600 mm) wide x 30 in. (750 mm) deep with lock. The walls shall be of steel with a 3/32 in. (2 mm) minimum thickness with concealed hinges and enclosed lock constructed in such a manner as to prevent entry by force. The cabinet assembly shall be permanently attached to a structural element of the field office in a manner to prevent theft of the entire cabinet.
- (g) One refrigerator with a minimum size of 16 cu ft (0.45 cu m) with a freezer unit.
- (h) Two electric desk type tape printing calculator.
- (i) A minimum of two communication paths. The configuration shall include:
 - (1) Internet Connection. An internet service connection using telephone DSL, cable broadband, or CDMA wireless technology. Additionally, an 802.11g/N wireless router shall be provided, which will allow connection by the Engineer and up to four Department staff.
 - (2) Telephone Lines. Two separate telephone lines, one to be set up for the exclusive use of the State supplied fax machine.
- (j) One plain paper copy machine capable of reproducing prints up to 11 x 17 in. (280 x 432 mm) with an automatic feed tray capable of storing 30 sheets of paper. Letter size and 11 x 17 in. (280 x 432 mm) paper shall be provided.
- (k) One telephone, with touch tone, where available, and a digital telephone answering machine, for exclusive use by the Engineer.
- (l) Cellular phone with a minimum of 500 anytime calling minutes per month for use by the site resident engineer/technician.
- (m) One electric water cooler dispenser.
- (n) One first-aid cabinet fully equipped.
- (o) One post mounted rain gauge, located on the project site for each 5 miles (8 km) of project length."
- (p) One paper shredder capable of shredding a minimum of 6 sheets of paper at a time.
- (q) One microwave.

Revise the last sentence of the first paragraph of Article 670.07 of the Standard Specifications to read:

"This price shall include all utility costs and shall reflect the salvage value of the building or buildings, equipment, and furniture which become the property of the Contractor after release by the Engineer, except that the Department will pay that portion of the monthly long distance telephone bills that, when combined, exceed \$150."

IMPACT ATTENUATOR REMOVAL

Description: This work shall consist of furnishing all labor, materials, and equipment necessary for the removal of existing impact attenuators as shown on the plans.

When the Engineer determines the existing impact attenuators are no longer required or identified for removal on the project plans, the installation shall be dismantled with all attenuators and hardware becoming the property of the Contractor. The Contractor shall dispose of all material in accordance with Section 200 of the Standard Specifications, Special Provisions, Local, State, and Federal Regulations. If impact attenuators are damaged while being removed, all debris shall be cleaned up immediately and disposed of accordingly.

This work shall be paid for at the contract unit price per Each for IMPACT ATTENUATOR REMOVAL.

MILLING RESTRICTIONS

Effective: January 29, 2010

Milling operations shall be performed such that a vertical milled face no greater than 1½" exists between open lanes of traffic. This can be accomplished by one of the following treatment methods: 1) Make multiple passes with the mill, each one less the 1½"; 2) place a temporary wedge or have milled sloped edge with a minimum 1:3 slope; or 3) mill both lanes the same day so that no difference in elevation exists when the lanes are opened. Other methods may be used if approved by the Engineer prior to implementing the procedure. All short term pavement marking placed on milled surface shall be paint.

This work shall be included in the cost of HMA SURFACE REMOVAL, at the thickness specified.

APPROVAL OF PROPOSED BORROW AREAS, USE AREAS, AND/OR WASTE AREAS INSIDE ILLINOIS STATE BORDERS (BDE)

Effective: November 1, 2008

Revise the title of Article 107.22 of the Standard Specifications to read:

"107.22 Approval of Proposed Borrow Areas, Use Areas, and/or Waste Areas Inside Illinois State Borders."

Add the following sentence to the end of the first paragraph of Article 107.22 of the Standard Specifications:

"Proposed borrow areas, use areas, and/or waste areas outside of Illinois shall comply with Article 107.01."

CEMENT (BDE)

Effective: January 1, 2007

Revised: April 1, 2009

Revise Section 1001 of the Standard Specifications to read:

“SECTION 1001. CEMENT

1001.01 Cement Types. Cement shall be according to the following.

- (a) Portland Cement. Acceptance of portland cement shall be according to the current Bureau of Materials and Physical Research’s Policy Memorandum, “Portland or Blended Cement Acceptance Procedure for Qualified and Non-Qualified Plants”.

Portland cement shall be according to ASTM C 150, and shall meet the standard physical and chemical requirements. Type I or Type II may be used for cast-in-place, precast, and precast prestressed concrete. Type III may be used according to Article 1020.04, or when approved by the Engineer. All other cements referenced in ASTM C 150 may be used when approved by the Engineer.

The total of all organic processing additions shall be a maximum of 1.0 percent by weight (mass) of the cement. The total of all inorganic processing additions shall be a maximum of 4.0 percent by weight (mass) of the cement. However, a cement kiln dust inorganic processing addition shall be limited to a maximum of 1.0 percent. Organic processing additions shall be limited to grinding aids that improve the flowability of cement, reduce pack set, and improve grinding efficiency. Inorganic processing additions shall be limited to granulated blast-furnace slag according to the chemical requirements of AASHTO M 302, Class C fly ash according to the chemical requirements of AASHTO M 295, and cement kiln dust.

- (b) Portland-Pozzolan Cement. Acceptance of portland-pozzolan cement shall be according to the current Bureau of Materials and Physical Research’s Policy Memorandum, “Portland or Blended Cement Acceptance Procedure for Qualified and Non-Qualified Plants”.

Portland-pozzolan cement shall be according to ASTM C 595 and shall meet the standard physical and chemical requirements. Type IP may be used for cast-in-place, precast, and precast prestressed concrete, except when Class PP concrete is used. The pozzolan constituent for Type IP shall be a maximum of 21 percent of the weight (mass) of the portland-pozzolan cement.

For cast-in-place construction, portland-pozzolan cement shall not be used in concrete mixtures when the air temperature is below 40 °F (4 °C) without permission of the Engineer. If permission is given, the mix design strength requirement may require the Contractor to increase the cement or eliminate the cement factor reduction for a water-reducing or high range water-reducing admixture which is permitted according to Article 1020.05(b).

The total of all organic processing additions shall be a maximum of 1.0 percent by weight (mass) of the cement. Organic processing additions shall be limited to grinding aids as defined in (a) above. Inorganic processing additions shall be limited to cement kiln dust at a maximum of 1.0 percent.

- (c) Portland Blast-Furnace Slag Cement. Acceptance of portland blast-furnace slag cement shall be according to the current Bureau of Materials and Physical Research’s Policy Memorandum, “Portland or Blended Cement Acceptance Procedure for Qualified and Non-Qualified Plants”.

Portland blast-furnace slag cement shall be according to ASTM C 595 and shall meet the standard physical and chemical requirements. Type IS portland blast-furnace slag cement may be used for cast-in-place, precast, and precast prestressed concrete, except when Class PP concrete is used. The blast-furnace slag constituent for Type IS shall be a maximum of 25 percent of the weight (mass) of the portland blast-furnace slag cement.

For cast-in-place construction, portland blast-furnace slag cement shall not be used in concrete mixtures when the air temperature is below 40 °F (4 °C) without permission of the Engineer. If permission is given, the mix design strength requirement may require the Contractor to increase the cement or eliminate the cement factor reduction for a water-reducing or high range water-reducing admixture which is permitted according to Article 1020.05(b).

The total of all organic processing additions shall be a maximum of 1.0 percent by weight (mass) of the cement. Organic processing additions shall be limited to grinding aids as defined in (a) above. Inorganic processing additions shall be limited to cement kiln dust at a maximum of 1.0 percent.

(d) Rapid Hardening Cement. Rapid hardening cement shall be used according to Article 1020.04 or when approved by the Engineer. The cement shall be on the Department's current "Approved List of Packaged, Dry, Rapid Hardening Cementitious Materials for Concrete Repairs", and shall be according to the following.

(1) The cement shall have a maximum final set of 25 minutes, according to Illinois Modified ASTM C 191.

(2) The cement shall have a minimum compressive strength of 2000 psi (13,800 kPa) at 3.0 hours, 3200 psi (22,100 kPa) at 6.0 hours, and 4000 psi (27,600 kPa) at 24.0 hours, according to Illinois Modified ASTM C 109.

(3) The cement shall have a maximum drying shrinkage of 0.050 percent at seven days, according to Illinois Modified ASTM C 596.

(4) The cement shall have a maximum expansion of 0.020 percent at 14 days, according to Illinois Modified ASTM C 1038.

(5) The cement shall have a minimum 80 percent relative dynamic modulus of elasticity; and shall not have a weight (mass) gain in excess of 0.15 percent or a weight (mass) loss in excess of 1.0 percent, after 100 cycles, according to AASHTO T 161, Procedure B.

(e) Calcium Aluminate Cement. Calcium aluminate cement shall be used only where specified by the Engineer. The cement shall meet the standard physical requirements for Type I cement according to ASTM C 150, except the time of setting shall not apply. The chemical requirements shall be determined according to ASTM C 114 and shall be as follows: minimum 38 percent aluminum oxide (Al_2O_3), maximum 42 percent calcium oxide (CaO), maximum 1 percent magnesium oxide (MgO), maximum 0.4 percent sulfur trioxide (SO_3), maximum 1 percent loss on ignition, and maximum 3.5 percent insoluble residue.

1001.02 Uniformity of Color. Cement contained in single loads or in shipments of several loads to the same project shall not have visible differences in color.

1001.03 Mixing Brands and Types. Different brands or different types of cement from the same manufacturing plant, or the same brand or type from different plants shall not be mixed or used alternately in the same item of construction unless approved by the Engineer.

1001.04 Storage. Cement shall be stored and protected against damage, such as dampness which may cause partial set or hardened lumps. Different brands or different types of cement from the same manufacturing plant, or the same brand or type from different plants shall be kept separate.”

CONCRETE ADMIXTURES (BDE)

Effective: January 1, 2003

Revised: April 1, 2009

Replace the first paragraph of Article 1020.05(b) of the Standard Specifications to read:

“(b) Admixtures. The use of admixtures to increase the workability or to accelerate the hardening of the concrete will be permitted when approved by the Engineer. Admixture dosages shall result in the mixture meeting the specified plastic and hardened properties. The Department will maintain an Approved List of Corrosion Inhibitors. Corrosion inhibitor dosage rates shall be according to Article 1020.05(b)(12). The Department will also maintain an Approved List of Concrete Admixtures, and an admixture technical representative shall be consulted when determining an admixture dosage from this list. The dosage shall be within the range indicated on the approved list unless the influence by other admixtures, jobsite conditions (such as a very short haul time), or other circumstances warrant a dosage outside the range. The Engineer shall be notified when a dosage is proposed outside the range. To determine an admixture dosage, air temperature, concrete temperature, cement source and quantity, finely divided mineral sources(s) and quantity, influence of other admixtures, haul time, placement conditions, and other factors as appropriate shall be considered. The Engineer may request the Contractor to have a batch of concrete mixed in the lab or field to verify the admixture dosage is correct. An admixture dosage or combination of admixture dosages shall not delay the initial set of concrete by more than one hour. When a retarding admixture is required or appropriate for a bridge deck or bridge deck overlay pour, the initial set time shall be delayed until the deflections due to the concrete dead load are no longer a concern for inducing cracks in the completed work. However, a retarding admixture shall not be used to further extend the pour time and justify the alteration of a bridge deck pour sequence.

When determining water in admixtures for water/cement ratio, the Contractor shall calculate 70 percent of the admixture dosage as water, except a value of 50 percent shall be used for a latex admixture used in bridge deck latex concrete overlays.”

Revise Section 1021 of the Standard Specifications to read:

“SECTION 1021. CONCRETE ADMIXTURES

1021.01 General. Admixtures shall be furnished in liquid form ready for use. The admixtures shall be delivered in the manufacturer's original containers, bulk tank trucks or such containers or tanks as are acceptable to the Engineer. Delivery shall be accompanied by a ticket which clearly identifies the manufacturer and trade name of the material. Containers shall be readily identifiable as to manufacturer and trade name of the material they contain.

Corrosion inhibitors will be maintained on the Department's Approved List of Corrosion Inhibitors. All other concrete admixture products will be maintained on the Department's Approved List of Concrete Admixtures. For the admixture submittal, a report prepared by an independent laboratory accredited by the AASHTO Materials Reference Laboratory (AMRL) for Portland Cement Concrete shall be provided. The report shall show the results of physical tests conducted no more than five years prior to the time of submittal, according to applicable specifications. However, for corrosion inhibitors the ASTM G 109 test information specified in ASTM C 1582 is not required to be from an independent lab. All other information in ASTM C 1582 shall be from an independent lab.

Tests shall be conducted using materials and methods specified on a "test" concrete and a "reference" concrete, together with a certification that no changes have been made in the formulation of the material since the performance of the tests. Per the manufacturer's option, the cement content for all required tests shall either be according to applicable specifications or 5.65 cwt/cu yd (335 kg/cu m). Compressive strength test results for six months and one year will not be required.

Prior to the approval of an admixture, the Engineer reserves the right to request a sample for testing. The test and reference concrete mixtures tested by the Engineer will contain a cement content of 5.65 cwt/cu yd (335 kg/cu m). For freeze-thaw testing, the Department will perform the test according to AASHTO T 161, Procedure B. The flexural strength test will be performed according to AASHTO T 177. If the Engineer decides to test the admixture, the manufacturer shall submit AASHTO T 197 water content and set time test results on the standard cement used by the Department. The test and reference concrete mixture shall contain a cement content of 5.65 cwt/cu yd (335 kg/cu m). The manufacturer may select their lab or an independent lab to perform this testing. The laboratory is not required to be accredited by AASHTO.

The manufacturer shall include in the submittal the following admixture information: the manufacturing range for specific gravity, the midpoint and manufacturing range for residue by oven drying, and the manufacturing range for pH. The submittal shall also include an infrared spectrophotometer trace no more than five years old.

For air-entraining admixtures according to Article 1021.02, the specific gravity allowable manufacturing range shall be established by the manufacturer and the test method shall be according to ASTM C 494. For residue by oven drying and pH, the allowable manufacturing range and test methods shall be according to ASTM C 260.

For admixtures according to Articles 1021.03, 1021.04, 1021.05, 1021.06, and 1021.07, the pH allowable manufacturing range shall be established by the manufacturer and the test method shall be according to ASTM E 70. For specific gravity and residue by oven drying, the allowable manufacturing range and test methods shall be according to ASTM C 494.

When test results are more than seven years old, the manufacturer shall re-submit the infrared spectrophotometer trace and the report prepared by an independent laboratory accredited by AASHTO.

All admixtures, except chloride-based accelerators, shall contain a maximum of 0.3 percent chloride by weight (mass).

Random field samples may be taken by the Department to verify an admixture meets specification. A split sample will be provided to the manufacturer if requested. Admixtures that do not meet specification requirements or an allowable manufacturing range established by the manufacturer shall be replaced with new material.

1021.02 Air-Entraining Admixtures. Air-entraining admixtures shall be according to AASHTO M 154.

1021.03 Retarding and Water-Reducing Admixtures. The admixture shall be according to the following.

- (a) The retarding admixture shall be according to AASHTO M 194, Type B (retarding) or Type D (water-reducing and retarding).
- (b) The water-reducing admixture shall be according to AASHTO M 194, Type A.
- (c) The high range water-reducing admixture shall be according to AASHTO M 194, Type F (high range water-reducing) or Type G (high range water-reducing and retarding).

1021.04 Accelerating Admixtures. The admixture shall be according to AASHTO M 194, Type C (accelerating) or Type E (water reducing and accelerating).

1021.05 Self-Consolidating Admixtures. The self-consolidating admixture system shall consist of either a high range water-reducing admixture only or a high range water-reducing admixture combined with a separate viscosity modifying admixture. The one or two component admixture system shall be capable of producing a concrete mixture that can flow around reinforcement and consolidate under its own weight without additional effort and without segregation.

The high range water-reducing admixture shall be according to AASHTO M 194, Type F.

The viscosity modifying admixture shall be according to ASTM C 494, Type S (specific performance).

1021.06 Rheology-Controlling Admixture. The rheology-controlling admixture shall be capable of producing a concrete mixture with a lower yield stress that will consolidate easier for slipform applications used by the Contractor. The rheology-controlling admixture shall be according to ASTM C 494, Type S (specific performance).

1021.07 Corrosion Inhibitor. The corrosion inhibitor shall be according to one of the following.

- (a) Calcium Nitrite. The corrosion inhibitor shall contain a minimum 30 percent calcium nitrite by weight (mass) of solution, and shall comply with the requirements of AASHTO M 194, Type C (accelerating).

(b) Other Materials. The corrosion inhibitor shall be according to ASTM C 1582.”

CONSTRUCTION AIR QUALITY - DIESEL VEHICLE EMISSIONS CONTROL (BDE)

Effective: April 1, 2009

Revised: July 1, 2009

Diesel Vehicle Emissions Control. The reduction of construction air emissions shall be accomplished by using cleaner burning diesel fuel. The term “equipment” refers to any and all diesel fuel powered devices rated at 50 hp and above, to be used on the project site in excess of seven calendar days over the course of the construction period on the project site (including any “rental” equipment).

All equipment on the jobsite, with engine ratings of 50 hp and above, shall be required to: use Ultra Low Sulfur Diesel fuel (ULSD) exclusively (15 ppm sulfur content or less).

Diesel powered equipment in non-compliance will not be allowed to be used on the project site, and is also subject to a notice of non-compliance as outlined below.

The Contractor shall submit copies of monthly summary reports and include certified copies of the ULSD diesel fuel delivery slips for diesel fuel delivered to the jobsite for the reporting time period, noting the quantity of diesel fuel used.

If any diesel powered equipment is found to be in non-compliance with any portion of this specification, the Engineer will issue the Contractor a notice of non-compliance and identify an appropriate period of time, as outlined below under environmental deficiency deduction, in which to bring the equipment into compliance or remove it from the project site.

Any costs associated with bringing any diesel powered equipment into compliance with these diesel vehicle emissions controls shall be considered as included in the contract unit prices bid for the various items of work involved and no additional compensation will be allowed. The Contractor's compliance with this notice and any associated regulations shall also not be grounds for a claim.

Environmental Deficiency Deduction. When the Engineer is notified, or determines that an environmental control deficiency exists, he/she will notify the Contractor in writing, and direct the Contractor to correct the deficiency within a specified time period. The specified time-period, which begins upon Contractor notification, will be from 1/2 hour to 24 hours long, based on the urgency of the situation and the nature of the deficiency. The Engineer shall be the sole judge regarding the time period.

The deficiency will be based on lack of repair, maintenance and diesel vehicle emissions control.

If the Contractor fails to correct the deficiency within the specified time frame, a daily monetary deduction will be imposed for each calendar day or fraction thereof the deficiency continues to exist. The calendar day(s) will begin when the time period for correction is exceeded and end with the Engineer's written acceptance of the correction. The daily monetary deduction will be \$1,000.00 for each deficiency identified.

If a Contractor or subcontractor accumulates three environmental deficiency deductions in a contract period, the Contractor will be shutdown until the deficiency is corrected. Such a shutdown will not be grounds for any extension of contract time, waiver of penalties, or be grounds for any claim.

CONSTRUCTION AIR QUALITY - IDLING RESTRICTIONS (BDE)

Effective: April 1, 2009

Idling Restrictions. The Contractor shall establish truck-staging areas for all diesel powered vehicles that are waiting to load or unload material at the jobsite. Staging areas shall be located where the diesel emissions from the equipment will have a minimum impact on adjacent sensitive receptors. The Department will review the selection of staging areas, whether within or outside the existing highway right-of-way, to avoid locations near sensitive areas or populations to the extent possible. Sensitive receptors include, but are not limited to, hospitals, schools, residences, motels, hotels, daycare facilities, elderly housing and convalescent facilities. Diesel powered engines shall also be located as far away as possible from fresh air intakes, air conditioners, and windows. The Engineer will approve staging areas before implementation.

Diesel powered vehicle operators may not cause or allow the motor vehicle, when it is not in motion, to idle for more than a total of 10 minutes within any 60 minute period, except under any of the following circumstances:

- 1) The motor vehicle has a gross vehicle weight rating of less than 8000 lb (3630 kg).
- 2) The motor vehicle idles while forced to remain motionless because of on-highway traffic, an official traffic control device or signal, or at the direction of a law enforcement official.
- 3) The motor vehicle idles when operating defrosters, heaters, air conditioners, or other equipment solely to prevent a safety or health emergency.
- 4) A police, fire, ambulance, public safety, other emergency or law enforcement motor vehicle, or any motor vehicle used in an emergency capacity, idles while in an emergency or training mode and not for the convenience of the vehicle operator.
- 5) The primary propulsion engine idles for maintenance, servicing, repairing, or diagnostic purposes if idling is necessary for such activity.
- 6) A motor vehicle idles as part of a government inspection to verify that all equipment is in good working order, provided idling is required as part of the inspection.
- 7) When idling of the motor vehicle is required to operate auxiliary equipment to accomplish the intended use of the vehicle (such as loading, unloading, mixing, or processing cargo; controlling cargo temperature; construction operations, lumbering operations; oil or gas well servicing; or farming operations), provided that this exemption does not apply when the vehicle is idling solely for cabin comfort or to operate non-essential equipment such as air conditioning, heating, microwave ovens, or televisions.
- 8) When the motor vehicle idles due to mechanical difficulties over which the operator has no control.
- 9) The outdoor temperature is less than 32 °F (0 °C) or greater than 80 °F (26 °C).

When the outdoor temperature is greater than or equal to 32 °F (0 °C) or less than or equal to 80 °F (26 °C), a person who operates a motor vehicle operating on diesel fuel shall not cause or allow the motor vehicle to idle for a period greater than 30 minutes in any 60 minute period while waiting to weigh, load, or unload cargo or freight, unless the vehicle is in a line of vehicles that regularly and periodically moves forward.

The above requirements do not prohibit the operation of an auxiliary power unit or generator set as an alternative to idling the main engine of a motor vehicle operating on diesel fuel.

Environmental Deficiency Deduction. When the Engineer is notified, or determines that an environmental control deficiency exists based on non-compliance with the idling restrictions, he/she will notify the Contractor, and direct the Contractor to correct the deficiency.

If the Contractor fails to correct the deficiency a monetary deduction will be imposed. The monetary deduction will be \$1,000.00 for each deficiency identified.

DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION (BDE)

Effective: September 1, 2000

Revised: January 1, 2010

FEDERAL OBLIGATION. The Department of Transportation, as a recipient of federal financial assistance, is required to take all necessary and reasonable steps to ensure nondiscrimination in the award and administration of contracts. Consequently, the federal regulatory provisions of 49 CFR part 26 apply to this contract concerning the utilization of disadvantaged business enterprises. For the purposes of this Special Provision, a disadvantaged business enterprise (DBE) means a business certified by the Department in accordance with the requirements of 49 CFR part 26 and listed in the Illinois Unified Certification Program (IL UCP) DBE Directory.

STATE OBLIGATION. This Special Provision will also be used by the Department to satisfy the requirements of the Business Enterprise for Minorities, Females, and Persons with Disabilities Act, 30 ILCS 575. When this Special Provision is used to satisfy state law requirements on 100 percent state-funded contracts, the federal government has no involvement in such contracts (not a federal-aid contract) and no responsibility to oversee the implementation of this Special Provision by the Department on those contracts. DBE participation on 100 percent state-funded contracts will not be credited toward fulfilling the Department's annual overall DBE goal required by the US Department of Transportation to comply with the federal DBE program requirements.

CONTRACTOR ASSURANCE. The Contractor makes the following assurance and agrees to include the assurance in each subcontract that the Contractor signs with a subcontractor:

The Contractor, subrecipient, or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The Contractor shall carry out applicable requirements of 49 CFR part 26 in the award and administration of contracts funded in whole or in part with federal or state funds. Failure by the Contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the recipient deems appropriate.

OVERALL GOAL SET FOR THE DEPARTMENT. As a requirement of compliance with 49 CFR part 26, the Department has set an overall goal for DBE participation in its federally assisted contracts. That goal applies to all federal-aid funds the Department will expend in its federally assisted contracts for the subject reporting fiscal year. The Department is required to make a good faith effort to achieve the overall goal. The dollar amount paid to all approved DBE companies performing work called for in this contract is eligible to be credited toward fulfillment of the Department's overall goal.

CONTRACT GOAL TO BE ACHIEVED BY THE CONTRACTOR. This contract includes a specific DBE utilization goal established by the Department. The goal has been included because the Department has determined that the work of this contract has subcontracting opportunities that may be suitable for performance by DBE companies. This determination is based on an assessment of the type of work, the location of the work, and the availability of DBE companies to do a part of the work. The assessment indicates that, in the absence of unlawful discrimination, and in an arena of fair and open competition, DBE companies can be expected to perform **6.0%** of the work. This percentage is set as the DBE participation goal for this contract. Consequently, in addition to the other award criteria established for this contract, the Department will only award this contract to a bidder who makes a good faith effort to meet this goal of DBE participation in the performance of the work. A bidder makes a good faith effort for award consideration if either of the following is done in accordance with the procedures set forth in this Special Provision:

- (a) The bidder documents that enough DBE participation has been obtained to meet the goal; or
- (b) The bidder documents that a good faith effort has been made to meet the goal, even though the effort did not succeed in obtaining enough DBE participation to meet the goal.

DBE LOCATOR REFERENCES. Bidders may consult the IL UCP DBE Directory as a reference source for DBE-certified companies. In addition, the Department maintains a letting and item specific DBE locator information system whereby DBE companies can register their interest in providing quotes on particular bid items advertised for letting. Information concerning DBE companies willing to quote work for particular contracts may be obtained by contacting the Department's Bureau of Small Business Enterprises at telephone number (217)785-4611, or by visiting the Department's web site at www.dot.il.gov.

BIDDING PROCEDURES. Compliance with this Special Provision is a material bidding requirement. The failure of the bidder to comply will render the bid not responsive.

- (a) The bidder shall submit a Disadvantaged Business Utilization Plan on Department forms SBE 2025 and 2026 with the bid.
- (b) The Utilization Plan shall indicate that the bidder either has obtained sufficient DBE participation commitments to meet the contract goal or has not obtained enough DBE participation commitments in spite of a good faith effort to meet the goal. The Utilization Plan shall further provide the name, telephone number, and telefax number of a responsible official of the bidder designated for purposes of notification of plan approval or disapproval under the procedures of this Special Provision.
- (c) The Utilization Plan shall include a DBE Participation Commitment Statement, Department form SBE 2025, for each DBE proposed for the performance of work to achieve the contract goal. For bidding purposes, submission of the completed SBE 2025 forms, signed by the DBEs and faxed to the bidder will be acceptable as long as the original is available and provided upon request. All elements of information indicated on the said form shall be provided, including but not limited to the following:

- (1) The names and addresses of DBE firms that will participate in the contract;
- (2) A description, including pay item numbers, of the work each DBE will perform;

- (3) The dollar amount of the participation of each DBE firm participating. The dollar amount of participation for identified work shall specifically state the quantity, unit price, and total subcontract price for the work to be completed by the DBE. If partial pay items are to be performed by the DBE, indicate the portion of each item, a unit price where appropriate and the subcontract price amount;
- (4) DBE Participation Commitment Statements, form SBE 2025, signed by the bidder and each participating DBE firm documenting the commitment to use the DBE subcontractors whose participation is submitted to meet the contract goal;
- (5) If the bidder is a joint venture comprised of DBE companies and non-DBE companies, the plan must also include a clear identification of the portion of the work to be performed by the DBE partner(s); and,
- (6) If the contract goal is not met, evidence of good faith efforts.

GOOD FAITH EFFORT PROCEDURES. The contract will not be awarded until the Utilization Plan submitted by the apparent successful bidder is approved. All information submitted by the bidder must be complete, accurate and adequately document the good faith efforts of the bidder before the Department will commit to the performance of the contract by the bidder. The Utilization Plan will be approved by the Department if the Utilization Plan commits sufficient commercially useful DBE work performance to meet the contract goal or the bidder submits sufficient documentation of a good faith effort to meet the contract goal pursuant to 49 CFR part 26, Appendix A. The Utilization Plan will not be approved by the Department if the Utilization Plan does not commit sufficient DBE participation to meet the contract goal unless the apparent successful bidder documented in the Utilization Plan that it made a good faith effort to meet the goal. This means that the bidder must show that all necessary and reasonable steps were taken to achieve the contract goal. Necessary and reasonable steps are those which, by their scope, intensity and appropriateness to the objective, could reasonably be expected to obtain sufficient DBE participation, even if they were not successful. The Department will consider the quality, quantity, and intensity of the kinds of efforts that the bidder has made. Mere *pro forma* efforts, in other words, efforts done as a matter of form, are not good faith efforts; rather, the bidder is expected to have taken genuine efforts that would be reasonably expected of a bidder actively and aggressively trying to obtain DBE participation sufficient to meet the contract goal.

(a) The following is a list of types of action that the Department will consider as part of the evaluation of the bidder's good faith efforts to obtain participation. These listed factors are not intended to be a mandatory checklist and are not intended to be exhaustive. Other factors or efforts brought to the attention of the Department may be relevant in appropriate cases, and will be considered by the Department.

(1) Soliciting through all reasonable and available means (e.g. attendance at pre-bid meetings, advertising and/or written notices) the interest of all certified DBE companies that have the capability to perform the work of the contract. The bidder must solicit this interest within sufficient time to allow the DBE companies to respond to the solicitation. The bidder must determine with certainty if the DBE companies are interested by taking appropriate steps to follow up initial solicitations.

(2) Selecting portions of the work to be performed by DBE companies in order to increase the likelihood that the DBE goals will be achieved. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate DBE participation, even when the prime Contractor might otherwise prefer to perform these work items with its own forces.

(3) Providing interested DBE companies with adequate information about the plans, specifications, and requirements of the contract in a timely manner to assist them in responding to a solicitation.

(4) a. Negotiating in good faith with interested DBE companies. It is the bidder's responsibility to make a portion of the work available to DBE subcontractors and suppliers and to select those portions of the work or material needs consistent with the available DBE subcontractors and suppliers, so as to facilitate DBE participation. Evidence of such negotiation includes the names, addresses, and telephone numbers of DBE companies that were considered; a description of the information provided regarding the plans and specifications for the work selected for subcontracting; and evidence as to why additional agreements could not be reached for DBE companies to perform the work.

b. A bidder using good business judgment would consider a number of factors in negotiating with subcontractors, including DBE subcontractors, and would take a firm's price and capabilities as well as contract goals into consideration. However, the fact that there may be some additional costs involved in finding and using DBE companies is not in itself sufficient reason for a bidder's failure to meet the contract DBE goal, as long as such costs are reasonable. Also, the ability or desire of a bidder to perform the work of a contract with its own organization does not relieve the bidder of the responsibility to make good faith efforts. Bidders are not, however, required to accept higher quotes from DBE companies if the price difference is excessive or unreasonable.

(5) Not rejecting DBE companies as being unqualified without sound reasons based on a thorough investigation of their capabilities. The bidder's standing within its industry, membership in specific groups, organizations, or associations and political or social affiliations (for example union vs. non-union employee status) are not legitimate causes for the rejection or non-solicitation of bids in the bidder's efforts to meet the project goal.

(6) Making efforts to assist interested DBE companies in obtaining bonding, lines of credit, or insurance as required by the recipient or Contractor.

(7) Making efforts to assist interested DBE companies in obtaining necessary equipment, supplies, materials, or related assistance or services.

(8) Effectively using the services of available minority/women community organizations; minority/women contractors' groups; local, state, and federal minority/women business assistance offices; and other organizations as allowed on a case-by-case basis to provide assistance in the recruitment and placement of DBE companies.

(b) If the Department determines that the apparent successful bidder has made a good faith effort to secure the work commitment of DBE companies to meet the contract goal, the Department will award the contract provided that it is otherwise eligible for award.

If the Department determines that the bidder has failed to meet the requirements of this Special Provision and that a good faith effort has not been made, the Department will notify the responsible company official designated in the Utilization Plan that the bid is not responsive. The notification shall include a statement of reasons why good faith efforts have not been found.

(c) The bidder may request administrative reconsideration of a determination adverse to the bidder within the five working days after receipt of the notification date of the determination by delivering the request to the Department of Transportation, Bureau of Small Business Enterprises, Contract Compliance Section, 2300 South Dirksen Parkway, Room 319, Springfield, Illinois 62764 (Telefax: (217)785-1524). Deposit of the request in the United States mail on or before the fifth business day shall not be deemed delivery. The determination shall become final if a request is not made and delivered. A request may provide additional written documentation and/or argument concerning the issue of whether an adequate good faith effort was made to meet the contract goal. The request will be forwarded to the Department's Reconsideration Officer. The Reconsideration Officer will extend an opportunity to the bidder to meet in person in order to consider all issues of whether the bidder made a good faith effort to meet the goal. After the review by the Reconsideration Officer, the bidder will be sent a written decision within ten working days after receipt of the request for reconsideration, explaining the basis for finding that the bidder did or did not meet the goal or make adequate good faith efforts to do so. A final decision by the Reconsideration Officer that a good faith effort was made shall approve the Utilization Plan submitted by the bidder and shall clear the contract for award. A final decision that a good faith effort was not made shall render the bid not responsive.

CALCULATING DBE PARTICIPATION. The Utilization Plan values represent work anticipated to be performed and paid for upon satisfactory completion. The Department is only able to count toward the achievement of the overall goal and the contract goal the value of payments made for the work actually performed by DBE companies. In addition, a DBE must perform a commercially useful function on the contract to be counted. A commercially useful function is generally performed when the DBE is responsible for the work and is carrying out its responsibilities by actually performing, managing, and supervising the work involved. The Department and Contractor are governed by the provisions of 49 CFR part 26.55(c) on questions of commercially useful functions as it affects the work. Specific counting guidelines are provided in 49 CFR part 26.55, the provisions of which govern over the summary contained herein.

(a) DBE as the Contractor: 100 percent goal credit for that portion of the work performed by the DBE's own forces, including the cost of materials and supplies. Work that a DBE subcontracts to a non-DBE does not count toward the DBE goals.

(b) DBE as a joint venture Contractor: 100 percent goal credit for that portion of the total dollar value of the contract equal to the distinct, clearly defined portion of the work performed by the DBE's own forces.

(c) DBE as a subcontractor: 100 percent goal credit for the work of the subcontract performed by the DBE's own forces, including the cost of materials and supplies, excluding the purchase of materials and supplies or the lease of equipment by the DBE subcontractor from the prime Contractor or its affiliates. Work that a DBE subcontractor in turn subcontracts to a non-DBE does not count toward the DBE goal.

(d) DBE as a trucker: 100 percent goal credit for trucking participation provided the DBE is responsible for the management and supervision of the entire trucking operation for which it is responsible. At least one truck owned, operated, licensed, and insured by the DBE must be used on the contract. Credit will be given for the following:

- (1) The DBE may lease trucks from another DBE firm, including an owner-operator who is certified as a DBE. The DBE who leases trucks from another DBE receives credit for the total value of the transportation services the lessee DBE provides on the contract.
- (2) The DBE may also lease trucks from a non-DBE firm, including from an owner-operator. The DBE who leases trucks from a non-DBE is entitled to credit only for the fee or commission it receives as a result of the lease arrangement.

(e) DBE as a material supplier:

- (1) 60 percent goal credit for the cost of the materials or supplies purchased from a DBE regular dealer.
- (2) 100 percent goal credit for the cost of materials or supplies obtained from a DBE manufacturer.
- (3) 100 percent credit for the value of reasonable fees and commissions for the procurement of materials and supplies if not a regular dealer or manufacturer.

CONTRACT COMPLIANCE. Compliance with this Special Provision is an essential part of the contract. The Department is prohibited by federal regulations from crediting the participation of a DBE included in the Utilization Plan toward either the contract goal or the Department's overall goal until the amount to be applied toward the goals has been paid to the DBE. The following administrative procedures and remedies govern the compliance by the Contractor with the contractual obligations established by the Utilization Plan. After approval of the Utilization Plan and award of the contract, the Utilization Plan and individual DBE Participation Statements become part of the contract. If the Contractor did not succeed in obtaining enough DBE participation to achieve the advertised contract goal, and the Utilization Plan was approved and contract awarded based upon a determination of good faith, the total dollar value of DBE work calculated in the approved Utilization Plan as a percentage of the awarded contract value shall become the amended contract goal.

(a) No amendment to the Utilization Plan may be made without prior written approval from the Department's Bureau of Small Business Enterprises. All requests for amendment to the Utilization Plan shall be submitted to the Department of Transportation, Bureau of Small Business Enterprises, Contract Compliance Section, 2300 South Dirksen Parkway, Room 319, Springfield, Illinois 62764. Telephone number (217) 785-4611. Telefax number (217) 785-1524.

(b) The Contractor must notify and obtain written approval from the Department's Bureau of Small Business Enterprises prior to replacing a DBE or making any change in the participation of a DBE. Approval for replacement will be granted only if it is demonstrated that the DBE is unable or unwilling to perform. The Contractor must make every good faith effort to find another certified DBE subcontractor to substitute for the original DBE. The good faith efforts shall be directed at finding another DBE to perform at least the same amount of work under the contract as the original DBE, to the extent needed to meet the contract goal.

(c) Any deviation from the DBE condition-of-award or contract specifications must be approved, in writing, by the Department. The Contractor shall notify affected DBEs in writing of any changes in the scope of work which result in a reduction in the dollar amount condition-of-award to the contract.

(d) In addition to the above requirements for reductions in the condition of award, additional requirements apply to the two cases of Contractor-initiated work substitution proposals. Where the contract allows alternate work methods which serve to delete or create underruns in condition of award DBE work, and the Contractor selects that alternate method or, where the Contractor proposes a substitute work method or material that serves to diminish or delete work committed to a DBE and replace it with other work, then the Contractor must demonstrate one of the following:

- (1) That the replacement work will be performed by the same DBE (as long as the DBE is certified in the respective item of work) in a modification of the condition of award; or
- (2) That the DBE is aware that its work will be deleted or will experience underruns and has agreed in writing to the change. If this occurs, the Contractor shall substitute other work of equivalent value to a certified DBE or provide documentation of good faith efforts to do so; or
- (3) That the DBE is not capable of performing the replacement work or has declined to perform the work at a reasonably competitive price. If this occurs, the Contractor shall substitute other work of equivalent value to a certified DBE or provide documentation of good faith efforts to do so.

(e) Where the revision includes work committed to a new DBE subcontractor, not previously involved in the project, then a Request for Approval of Subcontractor, Department form BC 260A, must be signed and submitted.

(f) If the commitment of work is in the form of additional tasks assigned to an existing subcontract, then a new Request for Approval of Subcontractor shall not be required. However, the Contractor must document efforts to assure that the existing DBE subcontractor is capable of performing the additional work and has agreed in writing to the change.

(g) All work indicated for performance by an approved DBE shall be performed, managed, and supervised by the DBE executing the Participation Statement. The Contractor shall not terminate for convenience a DBE listed in the Utilization Plan and then perform the work of the terminated DBE with its own forces, those of an affiliate or those of another subcontractor, whether DBE or not, without first obtaining the written consent of the Bureau of Small Business Enterprises to amend the Utilization Plan. The Contractor shall notify the Bureau of Small Business Enterprises of any termination for reasons other than convenience, and shall obtain approval for inclusion of the substitute DBE in the Utilization Plan. If good faith efforts following a termination of a DBE for cause are not successful, the Contractor shall contact the Bureau of Small Business Enterprises and provide a full accounting of the efforts undertaken to obtain substitute DBE participation. The Bureau of Small Business Enterprises will evaluate the good faith efforts in light of all circumstances surrounding the performance status of the contract, and determine whether the contract goal should be amended.

(h) The Contractor shall maintain a record of payments for work performed to the DBE participants. The records shall be made available to the Department for inspection upon request. After the performance of the final item of work or delivery of material by a DBE and final payment therefore to the DBE by the Contractor, but not later than thirty calendar days after payment has been made by the Department to the Contractor for such work or material, the Contractor shall submit a DBE Payment Agreement on Department form SBE 2115 to the Regional Engineer. If full and final payment has not been made to the DBE, the DBE Payment Agreement shall indicate whether a disagreement as to the payment required exists between the Contractor and the DBE or if the Contractor believes that the work has not been satisfactorily completed. If the Contractor does not have the full amount of work indicated in the Utilization Plan performed by the DBE companies indicated in the Utilization Plan and after good faith efforts are reviewed, the Department may deduct from contract payments to the Contractor the amount of the goal not achieved as liquidated and ascertained damages. The Contractor may request an administrative reconsideration of any amount deducted as damages pursuant to subsection (j) of this part.

(i) The Department reserves the right to withhold payment to the Contractor to enforce the provisions of this Special Provision. Final payment shall not be made on the contract until such time as the Contractor submits sufficient documentation demonstrating achievement of the goal in accordance with this Special Provision or after liquidated damages have been determined and collected.

(j) Notwithstanding any other provision of the contract, including but not limited to Article 109.09 of the Standard Specifications, the Contractor may request administrative reconsideration of a decision to deduct the amount of the goal not achieved as liquidated damages. A request to reconsider shall be delivered to the Contract Compliance Section and shall be handled and considered in the same manner as set forth in paragraph (c) of "Good Faith Effort Procedures" of this Special Provision, except a final decision that a good faith effort was not made during contract performance to achieve the goal agreed to in the Utilization Plan shall be the final administrative decision of the Department.

EQUIPMENT RENTAL RATES (BDE)

Effective: August 2, 2007

Revised: January 2, 2008

Replace the second and third paragraphs of Article 105.07(b)(4)a. of the Standard Specifications with the following:

"Equipment idled which cannot be used on other work, and which is authorized to standby on the project site by the Engineer, will be paid for according to Article 109.04(b)(4)."

Replace Article 109.04(b)(4) of the Standard Specifications with the following:

"(4) Equipment. Equipment used for extra work shall be authorized by the Engineer. The equipment shall be specifically described, be of suitable size and capacity for the work to be performed, and be in good operating condition. For such equipment, the Contractor will be paid as follows.

- a. Contractor Owned Equipment. Contractor owned equipment will be paid for by the hour using the applicable FHWA hourly rate from the "Equipment Watch Rental Rate Blue Book" (Blue Book) in effect when the force account work begins. The FHWA hourly rate is calculated as follows.

FHWA hourly rate = (monthly rate/176) x (model year adj.) x (Illinois adj.) + EOC

Where: EOC = Estimated Operating Costs per hour (from the Blue Book)

The time allowed will be the actual time the equipment is operating on the extra work. For the time required to move the equipment to and from the site of the extra work and any authorized idle (standby) time, payment will be made at the following hourly rate: 0.5 x (FHWA hourly rate - EOC).

All time allowed shall fall within the working hours authorized for the extra work.

The rates above include the cost of fuel, oil, lubrication, supplies, small tools, necessary attachments, repairs, overhaul and maintenance of any kind, depreciation, storage, overhead, profits, insurance, and all incidentals. The rates do not include labor.

The Contractor shall submit to the Engineer sufficient information for each piece of equipment and its attachments to enable the Engineer to determine the proper equipment category. If a rate is not established in the Blue Book for a particular piece of equipment, the Engineer will establish a rate for that piece of equipment that is consistent with its cost and use in the industry.

- b. Rented Equipment. Whenever it is necessary for the Contractor to rent equipment to perform extra work, the rental and transportation costs of the equipment plus five percent for overhead will be paid. In no case shall the rental rates exceed those of established distributors or equipment rental agencies.

All prices shall be agreed to in writing before the equipment is used."

HOT-MIX ASPHALT – ANTI-STRIPPING ADDITIVE (BDE)

Effective: November 1, 2009

Revise the first and second paragraphs of Article 1030.04(c) of the Standard Specifications to read:

- "(c) Determination of Need for Anti-Stripping Additive. The mixture designer shall determine if an additive is needed in the mix to prevent stripping. The determination will be made on the basis of tests performed according to Illinois Modified AASHTO T 283. To be considered acceptable by the Department as a mixture not susceptible to stripping, the conditioned to unconditioned split tensile strength ratio (TSR) shall be equal to or greater than 0.85 for 6 in. (150 mm) specimens. Mixtures, either with or without an additive, with TSRs less than 0.85 for 6 in. (150 mm) specimens will be considered unacceptable.

Also, the conditioned tensile strength for mixtures containing an anti-strip additive shall not be lower than the original conditioned tensile strength determined for the same mixture without the anti-strip additive.

If it is determined that an additive is required, the additive may be hydrated lime, slaked quicklime, or a liquid additive, at the Contractor's option.”

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

Effective: January 1, 2010

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 2 in. (50 mm), from each pavement edge. (i.e. for a 4 in. (100 mm) lift the near edge of the density gauge or core barrel shall be within 4 in. (100 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-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%”

HOT-MIX ASPHALT – DROP-OFFS (BDE)

Effective: January 1, 2010

Revise the third paragraph of Article 701.07 of the Standard Specifications to read:

“At locations where construction operations result in a differential in elevation exceeding 3 in. (75 mm) between the edge of pavement or edge of shoulder within 3 ft (900 mm) of the edge of the pavement and the earth or aggregate shoulders, Type I or II barricades or vertical panels shall be placed at 100 ft (30 m) centers on roadways where the posted speed limit is 45 mph or greater and at 50 ft (15 m) centers on roadways where the posted speed limit is less than 45 mph.”

HOT-MIX ASPHALT - FINE AGGREGATE (BDE)

Effective: April 1, 2010

Add the following to the gradation tables of Article 1003.01(c) of the Standard Specifications:

“FINE AGGREGATE GRADATIONS					
Grad No.	Sieve Size and Percent Passing				
	3/8	No. 4	No. 8	No. 16	No. 200
FA 22	100	6/	6/	8±8	2±2

FINE AGGREGATE GRADATIONS (Metric)					
Grad No.	Sieve Size and Percent Passing				
	9.5 mm	4.75 mm	2.36 mm	1.18 mm	75 µm
FA 22	100	6/	6/	8±8	2±2

6/ For the fine aggregate gradation FA 22, the aggregate producer shall set the midpoint percent passing, and the Department will apply a range of ± ten percent. The midpoint shall not be changed without Department approval.”

Revise Article 1003.03(a) of the Standard Specifications to read:

“(a) Description. Fine aggregate for HMA shall consist of sand, stone sand, chats, slag sand, or steel slag sand. For gradation FA 22, uncrushed material will not be permitted.”

Revise Article 1003.03(c) of the Standard Specifications to read:

“(c) Gradation. The fine aggregate gradation for all HMA shall be FA 1, FA 2, FA 20, FA 21, or FA 22.

Gradation FA 1, FA 2, or FA 3 shall be used when required for prime coat aggregate application for HMA.”

HOT-MIX ASPHALT – PLANT TEST FREQUENCY (BDE)

Effective: April 1, 2008

Revised: January 1, 2010

Revise the table in Article 1030.05(d)(2)a. of the Standard Specifications to read:

"Parameter	Frequency of Tests		Test Method See Manual of Test Procedures for Materials
	High ESAL Mixture Low ESAL Mixture	All Other Mixtures	
Aggregate Gradation % passing sieves: 1/2 in. (12.5 mm), No. 4 (4.75 mm), No. 8 (2.36 mm), No. 30 (600 μm) No. 200 (75 μm) Note 1.	1 washed ignition oven test on the mix per half day of production Note 4.	1 washed ignition oven test on the mix per day of production Note 4.	Illinois Procedure
Asphalt Binder Content by Ignition Oven Note 2.	1 per half day of production	1 per day	Illinois-Modified AASHTO T 308
VMA Note 3.	Day's production ≥ 1200 tons: 1 per half day of production Day's production < 1200 tons: 1 per half day of production for first 2 days and 1 per day thereafter (first sample of the day)	N/A	Illinois Modified AASHTO R 35
Air Voids Bulk Specific Gravity of Gyratory Sample	Day's production ≥ 1200 tons: 1 per half day of production Day's production < 1200 tons: 1 per half day of production for first 2 days and 1 per day thereafter (first sample of the day)	1 per day	Illinois-Modified AASHTO T 312
Maximum Specific Gravity of Mixture	Day's production ≥ 1200 tons: 1 per half day of production Day's production < 1200 tons: 1 per half day of production for first 2 days and 1 per day thereafter (first sample of the day)	1 per day	Illinois-Modified AASHTO T 209

Note 1. The No. 8 (2.36 mm) and No. 30 (600 μm) sieves are not required for All Other Mixtures.

Note 2. The Engineer may waive the ignition oven requirement for asphalt binder content if the aggregates to be used are known to have ignition asphalt binder content calibration factors which exceed 1.5 percent.

If the ignition oven requirement is waived, other Department approved methods shall be used to determine the asphalt binder content.

Note 3. The G_{sb} used in the voids in the mineral aggregate (VMA) calculation shall be the same average G_{sb} value listed in the mix design.

Note 4. The Engineer reserves the right to require additional hot bin gradations for batch plants if control problems are evident.”

HOT-MIX ASPHALT – QC/QA ACCEPTANCE CRITERIA (BDE)

Effective: January 1, 2010

Revise Article 1030.05(f)(3) of the Standard Specifications to read:

“(3) Department assurance tests for voids, field VMA, and density.”

HOT-MIX ASPHALT – TRANSPORTATION (BDE)

Effective: April 1, 2008

Revise Article 1030.08 of the Standard Specifications to read:

“**1030.08 Transportation.** Vehicles used in transporting HMA shall have clean and tight beds. The beds shall be sprayed with asphalt release agents from the Department’s approved list. In lieu of a release agent, the Contractor may use a light spray of water with a light scatter of manufactured sand (FA 20 or FA 21) evenly distributed over the bed of the vehicle. After spraying, the bed of the vehicle shall be in a completely raised position and it shall remain in this position until all excess asphalt release agent or water has been drained.

When the air temperature is below 60 °F (15 °C), the bed, including the end, endgate, sides and bottom shall be insulated with fiberboard, plywood or other approved insulating material and shall have a thickness of not less than 3/4 in (20 mm). When the insulation is placed inside the bed, the insulation shall be covered with sheet steel approved by the Engineer. Each vehicle shall be equipped with a cover of canvas or other suitable material meeting the approval of the Engineer which shall be used if any one of the following conditions is present.

- (a) Ambient air temperature is below 60 °F (15 °C).
- (b) The weather is inclement.
- (c) The temperature of the HMA immediately behind the paver screed is below 250 °F (120 °C).

The cover shall extend down over the sides and ends of the bed for a distance of approximately 12 in. (300 mm) and shall be fastened securely. The covering shall be rolled back before the load is dumped into the finishing machine.”

IMPACT ATTENUATORS (BDE)

Effective: November 1, 2003

Revised: November 1, 2008

Description. This work shall consist of furnishing and installing impact attenuators of the category and test level specified.

Materials. Materials shall meet the requirements of the impact attenuator manufacturer and the following:

Item	Article/Section
(a) Fine Aggregate (Note 1).....	1003.01
(b) Steel Posts, Structural Shapes, and Plates	1006.04
(c) Rail Elements, End Section Plates, and Splice Plates	1006.25
(d) Bolts, Nuts, Washers and Hardware	1006.25
(e) Hollow Structural Tubing	1006.27(b)
(f) Wood Posts and Wood Blockouts	1007.01, 1007.02, 1007.06
(g) Preservative Treatment.....	1007.12

Note 1. Fine aggregate shall be FA 1 or FA 2, Class A quality. The sand shall be unbagged and shall have a maximum moisture content of five percent.

CONSTRUCTION REQUIREMENTS

General. Impact attenuators shall meet the testing criteria contained in National Cooperative Highway Research Program (NCHRP) Report 350 for the test level specified and shall be on the Department's approved list. Fully redirective and partially redirective attenuators shall also be designed for bi-directional impacts.

Installation. Regrading of slopes or approaches for the installation shall be as shown on the plans.

Bases for impact attenuators, other than sand modules, shall be installed when required by the manufacturer. The bases shall be constructed on a prepared subgrade according to the manufacturer's specifications. The surface of the base shall be slightly sloped or crowned to facilitate drainage.

Bases for sand module impact attenuators will be required. The bases shall be constructed of either portland cement concrete or hot-mix asphalt (HMA). Portland cement concrete bases shall be 6 in. (150 mm) thick and be according to the applicable requirements of Section 424 of the Standard Specifications. HMA bases shall be 8 in. (200 mm) thick and be according to the applicable requirements of Section 408 of the Standard Specifications. The surface of the base shall be slightly sloped or crowned to facilitate drainage. The perimeter of each module and the specified weight (mass) of sand in each module shall be painted on the surface of the base.

Impact attenuators shall be installed according to the manufacturer's specifications and include all necessary transitions between the impact attenuator and the item to which it is attached.

Method of Measurement. This work will be measured for payment as each, where each is defined as one complete installation.

Contract quantities for sand module attenuator bases may be accepted according to Article 202.07(a) of the Standard Specifications. When measured, sand module attenuator bases will be measured in place and the dimensions used to calculate square yards (square meters) will not exceed those as shown on the plans.

Basis of Payment. This work, will be paid for at the contract unit price per each for IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW); IMPACT ATTENUATORS (FULLY REDIRECTIVE, WIDE); IMPACT ATTENUATORS (FULLY REDIRECTIVE, RESETTABLE); IMPACT ATTENUATORS (SEVERE USE, NARROW); IMPACT ATTENUATORS (SEVERE USE, WIDE); IMPACT ATTENUATORS (PARTIALLY REDIRECTIVE); or IMPACT ATTENUATORS (NON-REDIRECTIVE), of the test level specified.

Sand module attenuator bases will be paid for at the contract unit price per square yard (square meter) for ATTENUATOR BASE.

Regrading of slopes or approaches will be paid for according to Section 202 and/or Section 204 of the Standard Specifications.

LIQUIDATED DAMAGES (BDE)

Effective: April 1, 2009

Revise the table in Article 108.09 of the Standard Specifications to read:

"Schedule of Deductions for Each Day of Overrun in Contract Time"			
Original Contract Amount		Daily Charges	
From More Than	To and Including	Calendar Day	Work Day
\$ 0	\$ 100,000	\$ 375	\$ 500
100,000	500,000	625	875
500,000	1,000,000	1,025	1,425
1,000,000	3,000,000	1,125	1,550
3,000,000	5,000,000	1,425	1,950
5,000,000	10,000,000	1,700	2,350
10,000,000	And over	3,325	4,650"

MONTHLY EMPLOYMENT REPORT (BDE)

Effective: April 1, 2009

Revised: January 1, 2010

In addition to any other reporting required by the contract, the Contractor shall provide to the Engineer an employment summary for all employees working on the contract from the contract execution date to the last full pay period each month for the duration of the contract. The report may include but is not limited to:

- a) Total number of employees.
- b) The total hours worked.
- c) Total payroll.

The report shall be completed by the Contractor. The Contractor shall also report for each subcontractor. Employee hours worked from home office or other off-site office hours worked related directly to this contract shall be included. Engineering consulting firms performing construction layout and material testing for the Contractor shall also be included.

Hours worked for material suppliers, services provided by purchase orders, Department employees or consulting firms performing inspection or testing for the Department shall not be included in the report.

The report shall contain all hours worked under the contract from the start of the month to the last full pay period each month and shall be submitted no later than five business days after the end of each month.

The report shall be submitted electronically by accessing the Department's website (<http://www.dot.il.gov/stimulus/index.html>).

Any costs associated with complying with this provision shall be considered as included in the contract unit prices bid for the various items of work involved and no additional compensation will be allowed.

MULTILANE PAVEMENT PATCHING (BDE)

Effective: November 1, 2002

Pavement broken and holes opened for patching shall be completed prior to weekend or holiday periods. Should delays of any type or for any reason prevent the completion of the work, temporary patches shall be constructed. Material able to support the average daily traffic and meeting the approval of the Engineer shall be used for the temporary patches. The cost of furnishing, placing, maintaining, removing and disposing of the temporary work, including traffic control, shall be the responsibility of the Contractor.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM / EROSION AND SEDIMENT CONTROL DEFICIENCY DEDUCTION (BDE)

Effective: April 1, 2007

Revised: November 1, 2009

Revise Article 105.03(a) of the Standard Specifications to read:

“(a) National Pollutant Discharge Elimination System (NPDES) / Erosion and Sediment Control Deficiency Deduction When the Engineer is notified or determines an erosion and/or sediment control deficiency(s) exists, or the Contractor's activities represents a violation of the Department's NPDES permits, the Engineer will notify and direct the Contractor to correct the deficiency within a specified time. The specified time, which begins upon notification to the Contractor, will be from 1/2 hour to 1 week based on the urgency of the situation and the nature of the work effort required. The Engineer will be the sole judge.

A deficiency may be any lack of repair, maintenance, or implementation of erosion and/or sediment control devices included in the contract, or any failure to comply with the conditions of the Department's NPDES permits.

A deficiency may also be applied to situations where corrective action is not an option such as the failure to participate in a jobsite inspection of the project, failure to install required measures prior to initiating earth moving operations, disregard of concrete washout requirements, or other disregard of the NPDES permit.

If the Contractor fails to correct a deficiency within the specified time, a daily monetary deduction will be imposed for each calendar day or portion of a calendar day until the deficiency is corrected to the satisfaction of the Engineer. The calendar day(s) will begin with notification to the Contractor and end with the Engineer's acceptance of the correction. The base value of the daily monetary deduction is \$1000.00 and will be applied to each location for which a deficiency exists. The value of the deficiency deduction assessed for each infraction will be determined by multiplying the base value by a Gravity Adjustment Factor provided in Table A. Except for failure to participate in a required jobsite inspection of the project prior to initiating earthmoving operations which will be based on the total acreage of planned disturbance at the following multipliers: <5 Acres: 1; 5-10 Acres: 2; >10-25 Acres: 3; >25 Acres: 5. For those deficiencies where corrective action was not an option, the monetary deduction will be immediate and will be valued at one calendar day multiplied by a Gravity Adjustment Factor.

Table A Deficiency Deduction Gravity Adjustment Factors				
Types of Violations	Soil Disturbed and Not Permanently Stabilized At Time of Violation			
	< 5 Acres	5 - 10 Acres	>10 - 25 Acres	> 25 Acres
Failure to Install or Properly Maintain BMP	0.1 - 0.5	0.2 - 1.0	0.5 - 2.5	1.0 - 5
Careless Destruction of BMP	0.2 - 1	0.5 - 2.5	1.0 - 5.	1.0 - 5
Intrusion into Protected Resource	1.0 - 5	1.0 - 5	2.0 - 10	2.0 - 10
Failure to properly manage Chemicals, Concrete Washouts or Residuals, Litter or other Wastes	0.2 - 1	0.2 - 1	0.5 - 2.5	1.0 - 5
Improper Vehicle and Equipment Maintenance, Fueling or Cleaning	0.1 - 0.5	0.2 - 1	0.2 - 1	0.5 - 2.5
Failure to Provide or Update Written or Graphic Plans Required by SWPPP	0.2 - 1	0.5 - 2.5	1.0 - 5	1.0 - 5
Failure to comply with Other Provisions of the NPDES Permit	0.1 - 0.5	0.2 - 1	0.2 - 1	0.5 - 2.5"

PAVEMENT PATCHING (BDE)

Effective: January 1, 2010

Revise the first sentence of the second paragraph of Article 701.17(e)(1) of the Standard Specifications to read:

“In addition to the traffic control and protection shown elsewhere in the contract for pavement, two devices shall be placed immediately in front of each open patch, open hole, and broken pavement where temporary concrete barriers are not used to separate traffic from the work area.”

PAYMENTS TO SUBCONTRACTORS (BDE)

Effective: June 1, 2000

Revised: January 1, 2006

Federal regulations found at 49 CFR §26.29 mandate the Department to establish a contract clause to require Contractors to pay subcontractors for satisfactory performance of their subcontracts and to set the time for such payments.

State law also addresses the timing of payments to be made to subcontractors and material suppliers. Section 7 of the Prompt Payment Act, 30 ILCS 540/7, requires that when a Contractor receives any payment from the Department, the Contractor shall make corresponding, proportional payments to each subcontractor and material supplier performing work or supplying material within 15 calendar days after receipt of the Department payment. Section 7 of the Act further provides that interest in the amount of two percent per month, in addition to the payment due, shall be paid to any subcontractor or material supplier by the Contractor if the payment required by the Act is withheld or delayed without reasonable cause. The Act also provides that the time for payment required and the calculation of any interest due applies to transactions between subcontractors and lower-tier subcontractors and material suppliers throughout the contracting chain.

This Special Provision establishes the required federal contract clause, and adopts the 15 calendar day requirement of the State Prompt Payment Act for purposes of compliance with the federal regulation regarding payments to subcontractors. This contract is subject to the following payment obligations.

When progress payments are made to the Contractor according to Article 109.07 of the Standard Specifications, the Contractor shall make a corresponding payment to each subcontractor and material supplier in proportion to the work satisfactorily completed by each subcontractor and for the material supplied to perform any work of the contract. The proportionate amount of partial payment due to each subcontractor and material supplier throughout the contracting chain shall be determined by the quantities measured or otherwise determined as eligible for payment by the Department and included in the progress payment to the Contractor. Subcontractors and material suppliers shall be paid by the Contractor within 15 calendar days after the receipt of payment from the Department. The Contractor shall not hold retainage from the subcontractors. These obligations shall also apply to any payments made by subcontractors and material suppliers to their subcontractors and material suppliers; and to all payments made to lower tier subcontractors and material suppliers throughout the contracting chain. Any payment or portion of a payment subject to this provision may only be withheld from the subcontractor or material supplier to whom it is due for reasonable cause.

This Special Provision does not create any rights in favor of any subcontractor or material supplier against the State or authorize any cause of action against the State on account of any payment, nonpayment, delayed payment, or interest claimed by application of the State Prompt Payment Act. The Department will not approve any delay or postponement of the 15 day requirement except for reasonable cause shown after notice and hearing pursuant to Section 7(b) of the State Prompt Payment Act. State law creates other and additional remedies available to any subcontractor or material supplier, regardless of tier, who has not been paid for work properly performed or material furnished. These remedies are a lien against public funds set forth in Section 23(c) of the Mechanics Lien Act, 770 ILCS 60/23(c), and a recovery on the Contractor's payment bond according to the Public Construction Bond Act, 30 ILCS 550.

PERSONAL PROTECTIVE EQUIPMENT (BDE)

Effective: November 1, 2008

Revise the first sentence of Article 701.12 of the Standard Specifications to read:

“All personnel on foot, excluding flaggers, within the highway right-of-way shall wear a fluorescent orange, fluorescent yellow/green, or a combination of fluorescent orange and fluorescent yellow/green vest meeting the requirements of ANSI/ISEA 107-2004 for Conspicuity Class 2 garments.”

POLYUREA PAVEMENT MARKING (BDE)

Effective: April 1, 2004

Revised: January 1, 2009

Description. This work shall consist of furnishing and applying pavement marking lines.

The type of polyurea pavement marking applied will be determined by the type of reflective media used. Polyurea Pavement Marking Type I shall use glass beads as a reflective media. Polyurea Pavement Marking Type II shall use a combination of composite reflective elements and glass beads as a reflective media.

Polyurea-based liquid pavement markings shall only be applied by Contractors on the list of Approved Polyurea Contractors maintained by the Engineer of Operations and in effect on the date of advertisement for bids.

Materials. Materials shall meet the following requirements:

- (a) Polyurea Pavement Marking. The polyurea pavement marking material shall consist of 100 percent solid two part system formulated and designed to provide a simple volumetric mixing ratio of two components (must be two or three volumes of Part A to one volume of Part B). No volatile or polluting solvents or fillers will be allowed.
- (b) Pigmentation. The pigment content by weight (mass) of component A shall be determined by low temperature ashing according to ASTM D 3723. The pigment content shall not vary more than \pm two percent from the pigment content of the original qualified paint.

White Pigment shall be Titanium Dioxide meeting ASTM D 476 Type II, Rutile.

Yellow Pigment shall be an Organic Yellow and contain no heavy metals.

- (c) Environmental. Upon heating to application temperature, the material shall not exude fumes which are toxic or injurious to persons or property.
- (d) Daylight Reflectance. The daylight directional reflectance of the cured polyurea material (without reflective media) shall be a minimum of 80 percent (white) and 50 percent (yellow) relative to magnesium oxide when tested using a color spectrophotometer with a 45 degrees circumferential /zero degrees geometry, illuminant C, and two degrees observer angle. The color instrument shall measure the visible spectrum from 380 to 720 nm with a wavelength measurement interval and spectral bandpass of 10 nm. In addition, the color of the yellow polyurea shall visually match Color Number 33538 of Federal Standard 595a with chromaticity limits as follows:

X	0.490	0.475	0.485	0.539
Y	0.470	0.438	0.425	0.456

(e) Weathering Resistance. The polyurea marking material, when mixed in the proper ratio and applied at 14 to 16 mils (0.35 to 0.41 mm) wet film thickness to an aluminum alloy panel (Federal Test Std. No. 141, Method 2013) and allowed to cure for 72 hours at room temperature, shall be subjected to accelerated weathering for 75 hours. The accelerated weathering shall be completed by using the light and water exposure apparatus (fluorescent UV - condensation type) and tested according to ASTM G 53.

The cycle shall consist of four hours UV exposure at 122 °F (50 °C) and four hours of condensation at 104 °F (40 °C). UVB 313 bulbs shall be used. At the end of the exposure period, the material shall show no substantial change in color or gloss.

(f) Dry Time. The polyurea pavement marking material, when mixed in the proper ratio and applied at 14 to 16 mils (0.35 to 0.41 mm) wet film thickness and with the proper saturation of reflective media, shall exhibit a no-tracking time of ten minutes or less when tested according to ASTM D 711.

(g) Adhesion. The catalyzed polyurea pavement marking materials when applied to a 4 x 4 x 2 in. (100 x 100 x 50 mm) concrete block, shall have a degree of adhesion which results in a 100 percent concrete failure in the performance of this test.

The concrete block shall be brushed on one side and have a minimum strength of 3500 psi (24,100 kPa). A 2 in. (50 mm) square film of the mixed polyurea shall be applied to the brushed surface and allowed to cure for 72 hours at room temperature. A 2 in. (50 mm) square cube shall be affixed to the surface of the polyurea by means of an epoxy glue. After the glue has cured for 24 hours, the polyurea specimen shall be placed on a dynamic testing machine in such a fashion so that the specimen block is in a fixed position and the 2 in. (50 mm) cube (glued to the polyurea surface) is attached to the dynamometer head. Direct upward pressure shall be slowly applied until the polyurea system fails. The location of the break and the amount of concrete failure shall be recorded.

(h) Hardness. The polyurea pavement marking materials when tested according to ASTM D 2240, shall have a shore D hardness of between 70 and 100. Films shall be cast on a rigid substrate at 14 to 16 mils (0.35 to 0.41 mm) in thickness and allowed to cure at room temperature for 72 hours before testing.

(i) Abrasion. The abrasion resistance shall be evaluated according to ASTM D 4060 using a Taber Abrader with a 1,000 gram load and CS 17 wheels. The duration of the test shall be 1,000 cycles. The loss shall be calculated by difference and be less than 120 mgs. The tests shall be run on cured samples of polyurea material which have been applied at a film thickness of 14 to 16 mils (0.35 to 0.41 mm) to code S-16 stainless steel plates. The films shall be allowed to cure at room temperature for at least 72 hours and not more than 96 hours before testing.

(j) Reflective Media. The reflective media shall meet the following requirements:

(1) Type I - The glass beads shall meet the requirements of Article 1095.07 of the Standard Specifications and the following requirements:

- a. First Drop Glass Beads. The first drop glass beads shall be tested by the standard visual method of large glass spheres adopted by the Department. The beads shall have a silane coating and meet the following sieve requirements:

U.S. Standard Sieve Number	Sieve Size	% Passing By Weight (mass)
12	1.70 mm	95-100
14	1.40 mm	75-95
16	1.18 mm	10-47
18	1.00 mm	0-7
20	850 µm	0-5

- b. Second Drop Glass Beads. The second drop glass beads shall meet the requirements of Article 1095.07 of the Standard Specifications for Type B.

(2) Type II - The combination of microcrystalline ceramic elements and glass beads shall meet the following requirements:

- a. First Drop Glass Beads. The first drop glass beads shall meet the following requirements:

1. Composition. The elements shall be composed of a titania opacified ceramic core having clear and or yellow tinted microcrystalline ceramic beads embedded to the outer surface.
2. Index of Refraction. All microcrystalline reflective elements embedded to the outer surface shall have an index of refraction of 1.8 when tested by the immersion method.
3. Acid Resistance. A sample of microcrystalline ceramic beads supplied by the manufacturer, shall show resistance to corrosion of their surface after exposure to a one percent solution (by weight (mass)) of sulfuric acid. Adding 0.2 oz (5.7 ml) of concentrated acid into the water shall make the one percent acid solution. This test shall be performed by taking a 1 x 2 in. (25 x 50 mm) sample and adhering it to the bottom of a glass tray and placing just enough acid solution to completely immerse the sample. The tray shall be covered with a piece of glass to prevent evaporation and allow the sample to be exposed for 24 hours under these conditions. The acid solution shall be decanted (do not rinse, touch, or otherwise disturb the bead surfaces) and the sample dried while adhered to the glass tray in a 150 °F (66 °C) oven for approximately 15 minutes. Microscope examination (20X) shall show no white (corroded) layer on the entire surface.

- b. Second Drop Glass Beads. The second drop glass beads shall meet the requirements of Article 1095.07 of the Standard Specifications for Type B or the following manufacturer's specification:

1. Sieve Analysis. The glass beads shall meet the following sieve requirements:

U.S. Standard Sieve Number	Sieve Size	% Passing By Weight (mass)
20	850 μm	100
30	600 μm	75-95
50	300 μm	15-35
100	150 μm	0-5

The manufacturer of the glass beads shall certify that the treatment of the glass beads meets the requirements of the polyurea manufacturer.

2. Imperfections. The surface of the glass beads shall be free of pits and scratches. The glass beads shall be spherical in shape and shall contain a maximum of 20 percent by weight (mass) of irregular shapes when tested by the standard method using a vibratile inclined glass plate as adopted by the Department.
 3. Index of Refraction. The index of refraction of the glass beads shall be a minimum of 1.50 when tested by the immersion method at 77 °F (25 °C).
- (k) Packaging. Microcrystalline ceramic reflective elements and glass beads shall be delivered in approved moisture proof bags or weather resistant bulk boxes. Each carton shall be legibly marked with the manufacturer, specifications and type, lot number, and the month and year the microcrystalline ceramic reflective elements and/or glass beads were packaged. The letters and numbers used in the stencils shall be a minimum of 1/2 in. (12.7 mm) in height.
- (1) Moisture Proof Bags. Moisture proof bags shall consist of at least five ply paper construction unless otherwise specified. Each bag shall contain 50 lb (22.7 kg) net.
 - (2) Bulk Weather Resistance Boxes. Bulk weather resistance boxes shall conform to Federal Specification PPP-8-640D Class II or latest revision. Boxes are to be weather resistant, triple wall, fluted, corrugated-fiber board. Cartons shall be strapped with two metal straps. Straps shall surround the outside perimeter of the carton. The first strap shall be located approximately 2 in. (50 mm) from the bottom of the carton and the second strap shall be placed approximately in the middle of the carton. All cartons shall be shrink wrapped for protection from moisture. Cartons shall be lined with a minimum 4 mil polyester bag and meet Interstate Commerce Commission requirements. Cartons shall be approximately 38 x 38 in. (1 x 1 m), contain 2000 lb (910 kg) of microcrystalline ceramic reflective elements and/or glass beads and be supported on a wooden pallet with fiber straps.
- (l) Packaging. The material shall be shipped to the job site in substantial containers and shall be plainly marked with the manufacturer's name and address, the name and color of the material, date of manufacture, and batch number.
- (m) Verification. Prior to approval and use of the polyurea pavement marking materials, the manufacturer shall submit a notarized certification of an independent laboratory, together with the results of all tests, stating these materials meet the requirements as set forth herein. The certification test report shall state the lot tested, manufacturer's name, brand name of polyurea and date of manufacture.

The certification shall be accompanied by one 1 pt (1/2 L) samples each of Part A and Part B. Samples shall be sent in the appropriate volumes for complete mixing of Part A and Part B.

After approval by the Department, certification by the polyurea manufacturer shall be submitted for each batch used. New independent laboratory certified test results and samples for testing by the Department shall be submitted any time the manufacturing process or paint formulation is changed. All costs of testing (other than tests conducted by the Department) shall be borne by the manufacturer.

(n) Acceptance samples. Acceptance samples shall consist of one 1 pt (1/2 L) samples of Part A and Part B, of each lot of paint. Samples shall be sent in the appropriate volumes for complete mixing of Part A and Part B. The samples shall be submitted to the Department for testing, together with a manufacturer's certification. The certification shall state the formulation for the lot represented is essentially identical to that used for qualification testing. All, acceptance samples will be taken by a representative of the Department. The polyurea pavement marking materials shall not be used until tests are completed and they have met the requirements as set forth herein.

(o) Material Retainage. The manufacturer shall retain the test sample for a minimum of 18 months.

Equipment. The polyurea pavement marking compounds shall be applied through equipment specifically designed to apply two component liquid materials, glass beads and/or reflective elements in a continuous and skip-line pattern. The two-component liquid materials shall be applied after being accurately metered and then mixed with a static mix tube or airless impingement mixing guns. The static mixing tube or impingement mixing guns shall accommodate plural component material systems that have a volumetric ratio of 2 to 1 or 3 to 1. This equipment shall produce the required amount of heat at the mixing head and gun tip and maintain those temperatures within the tolerances specified. The guns shall have the capacity to deliver materials from approximately 1.5 to 3 gal/min (5.7 to 11.4 L/min) to compensate for a typical range of application speeds of 6 to 8 mph (10 to 13 km/h). The accessories such as spray tip, mix chamber, and rod diameter shall be selected according to the manufacturer's specifications to achieve proper mixing and an acceptable spray pattern. The application equipment shall be maneuverable to the extent that straight lines can be followed and normal curves can be made in a true arc. This equipment shall also have as an integral part of the gun carriage, a high pressure air spray capable of cleaning the pavement immediately prior to making application.

The equipment shall be capable of spraying both yellow and white polyurea, according to the manufacturer's recommended proportions and be mounted on a truck of sufficient size and stability with an adequate power source to produce lines of uniform dimensions and prevent application failure. The truck shall have at least two polyurea tanks each of 110 gal (415 L) minimum capacity and be equipped with hydraulic systems and agitators. It shall be capable of placing stripes on the left and right sides and placing two lines on a three-line system simultaneously with either line in a solid or intermittent pattern, in yellow or white, and applying the appropriate reflective media according to manufacturer's recommendations. All guns shall be in full view of operations at all times. The equipment shall have a metering device to register the accumulated installed quantities for each gun, each day. Each vehicle shall include at least one operator who shall be a technical expert in equipment operations and polyurea application techniques. Certification of equipment shall be provided at the pre-construction conference.

The mobile applicator shall include the following features:

- (a) Material Reservoirs. The applicator shall provide individual material reservoirs, or space for the storage of Part A and Part B of the resin composition.
- (b) Heating Equipment. The applicator shall be equipped with heating equipment of sufficient capacity to maintain the individual resin components at the manufacturer's recommended temperature of ± 5 °F (± 2.8 °C) for spray application.
- (c) Dispensing Equipment. The applicator shall be equipped with glass bead and/or reflective element dispensing equipment. The applicator shall be capable of applying the glass beads and/or reflective elements at a rate and combination indicated by the manufacturer.
- (d) Volumetric Usage. The applicator shall be equipped with metering devices or pressure gauges on the proportioning pumps as well as stroke counters to monitor volumetric usage. Metering devices or pressure gauges and stroke counters shall be visible to the Engineer.
- (e) Pavement Marking Placement. The applicator shall be equipped with all the necessary spray equipment, mixers, compressors and other appurtenances to allow for the placement of reflectorized pavement markings in a simultaneous sequence of operations.

The Contractor shall provide an accurate temperature-measuring device(s) that shall be capable of measuring the pavement temperature prior to application of the material, the material temperature at the gun tip and the material temperature prior to mixing.

CONSTRUCTION REQUIREMENTS

General. The pavement shall be cleaned by a method approved by the Engineer to remove all dirt, grease, glaze, or any other material that would reduce the adhesion of the markings with minimum or no damage to the pavement surface. New portland cement concrete pavements shall be air-blast-cleaned to remove all latents.

Widths, lengths, and shapes of the cleaned surface shall be of sufficient size to include the full area of the specified pavement marking to be placed.

The cleaning operation shall be a continuous moving operation process with minimum interruption to traffic.

Markings shall be applied to the cleaned surfaces on the same calendar day. If this cannot be accomplished, the surface shall be re-cleaned prior to applying the markings. No markings shall be applied until the Engineer approves the cleaning.

The pavement markings shall be applied to the cleaned road surface, during conditions of dry weather and subsequently dry pavement surfaces at a minimum uniform wet thickness of 15 mils (0.4 mm) according to the manufacturer's installation instructions. On new hot-mix asphalt (HMA) surfaces the pavement markings shall be applied at a minimum uniform wet thickness of 20 mils (0.5 mm). The application of and combination of reflective media (glass beads and/or reflective elements) shall be applied at a rate specified by the manufacturer.

At the time of installation the pavement surface temperature and the ambient temperature shall be above 40 °F (4 °C) and rising. The pavement markings shall not be applied if the pavement shows any visible signs of moisture or it is anticipated that damage causing moisture, such as rain showers, may occur during the installation and set periods. The Engineer will determine the atmospheric conditions and pavement surface conditions that produce satisfactory results.

Using the application equipment, the pavement markings shall be applied in the following manner, as a simultaneous operation:

- (a) The surface shall be air-blasted to remove any dirt and residue.
- (b) The resin shall be mixed and heated according to manufacturer's recommendations and sprayed onto the pavement surface.

The edge of the center line or lane line shall be offset a minimum distance of 2 in. (50 mm) from a longitudinal crack or joint. Edge lines shall be approximately 2 in. (50 mm) from the edge of pavement. The finished center and lane lines shall be straight, with the lateral deviation of any 10 ft (3 m) line not to exceed 1 in. (25 mm).

Notification. The Contractor shall notify the Engineer 72 hours prior to the placement of the markings in order that he/she can be present during the operation. At the time of notification, the Contractor shall provide the Engineer the manufacturer and lot numbers of polyurea and reflective media that will be used.

Inspection. The polyurea pavement markings will be inspected following installation according to Article 780.10 of the Standard Specifications, except, no later than December 15, and inspected following a winter performance period that extends 180 days from December 15.

Method of Measurement. This work will be measured for payment as follows:

- (a) Contract Quantities. The requirements for the use of contract quantities shall be according to Article 202.07(a).
- (b) Measured Quantities. Lines will be measured for payment in place in feet (meters). Double yellow lines will be measured as two separate lines.

Basis of Payment. This work will be paid for at the contract unit price per foot (meter) for POLYUREA PAVEMENT MARKING TYPE I – LINE of the line width specified or for POLYUREA PAVEMENT MARKING TYPE II – LINE of the line width specified.

RAISED REFLECTIVE PAVEMENT MARKERS (BDE)

Effective: November 1, 2009

Revised: April 1, 2010

Revise the first sentence of the second paragraph of Article 781.03(a) of the Standard Specifications to read:

“The pavement shall be cut to match the bottom contour of the marker using a concrete saw fitted with 18 and 20 in. (450 and 500 mm) diameter blades.”

RAMP CLOSURE FOR FREEWAY/EXPRESSWAY (BDE)

Effective: January 1, 2009

Description. This work shall consist of furnishing and installing traffic control for the closure of ramps on a freeway/expressway. Work shall be according to Section 701 except as modified herein.

Delete the third paragraph of Article 701.17(e)(1) of the Standard Specifications.

Add the following to Article 701.18 of the Standard Specifications:

“(k) Standard 701451. Only one interchange at a time may have ramps closed and only one exit ramp and one entrance ramp may be closed at a time.

The Contractor shall furnish a portable changeable message sign to be placed on the mainline in advance of the ramp closure. The exact placement and display shall be as shown in the plans or as directed by the Engineer.”

Revise the first sentence of Article 701.19(c) of the Standard Specifications to read:

“Traffic control and protection required under Standards 701201, 701206, 701306, 701326, 701336, 701406, 701421, 701451, 701501, 701502, 701601, 701602, 701606, 701701 and 701801 will be measured for payment on a lump sum basis.”

Add the following to the first paragraph of Article 701.20(b) of the Standard Specifications:

“TRAFFIC CONTROL AND PROTECTION STANDARD 701451;”

RECLAIMED ASPHALT PAVEMENT (RAP) (BDE)

Effective: January 1, 2007

Revised: January 1, 2010

In Article 1030.02(g), delete the last sentence of the first paragraph in (Note 2).

Revise Section 1031 of the Standard Specifications to read:

“SECTION 1031. RECLAIMED ASPHALT PAVEMENT

1031.01 Description. Reclaimed asphalt pavement (RAP) is reclaimed asphalt pavement resulting from cold milling or crushing of an existing dense graded hot-mix asphalt (HMA) pavement. The Contractor shall supply written documentation that the RAP originated from routes or airfields under federal, state, or local agency jurisdiction.

1031.02 Stockpiles. The Contractor shall construct individual, sealed RAP stockpiles meeting one of the following definitions. No additional RAP shall be added to the pile after the pile has been sealed. Stockpiles shall be sufficiently separated to prevent intermingling at the base. Stockpiles shall be identified by signs indicating the type as listed below (i.e. “Homogeneous Surface”).

Prior to milling, the Contractor shall request the District to provide verification of the quality of the RAP to clarify appropriate stockpile.

- (a) Fractionated RAP (FRAP). FRAP shall consist of RAP from Class I, Superpave (High ESAL), HMA (High ESAL), or equivalent mixtures. The coarse aggregate in FRAP shall be crushed aggregate and may represent more than one aggregate type and/or quality but shall be at least C quality. All FRAP shall be fractionated prior to testing by screening into a minimum of two size fractions with the separation occurring on or between the #4 (4.75 mm) and 1/2 in. (12.5 mm) sieves. Agglomerations shall be minimized such that 100 percent of the RAP in the coarse fraction shall pass one sieve size larger than the maximum sieve size specified for the mix the RAP will be used in.
- (b) Homogeneous. Homogeneous RAP stockpiles shall consist of RAP from Class I, Superpave (High ESAL), HMA (High ESAL), or equivalent mixtures and represent: 1) the same aggregate quality, but shall be at least C quality; 2) the same type of crushed aggregate (either crushed natural aggregate, ACBF slag, or steel slag); 3) similar gradation; and 4) similar asphalt binder content. If approved by the Engineer, combined single pass surface/binder millings may be considered "homogenous" with a quality rating dictated by the lowest coarse aggregate quality present in the mixture.
- (c) Conglomerate. Conglomerate RAP stockpiles shall consist of RAP from Class I, Superpave (High ESAL), HMA (High ESAL), or equivalent mixtures. The coarse aggregate in this RAP shall be crushed aggregate and may represent more than one aggregate type and/or quality but shall be at least C quality. This RAP may have an inconsistent gradation and/or asphalt binder content prior to processing. All conglomerate RAP shall be processed prior to testing by crushing to where all RAP shall pass the 5/8 in. (16 mm) or smaller screen. Conglomerate RAP stockpiles shall not contain steel slag or other expansive material as determined by the Department.
- (d) Conglomerate "D" Quality (DQ). Conglomerate DQ RAP stockpiles shall consist of RAP from Class I, Superpave (High or Low ESAL), HMA (High or Low ESAL), or equivalent mixtures. The coarse aggregate in this RAP may be crushed or round but shall be at least D quality. This RAP may have an inconsistent gradation and/or asphalt binder content. Conglomerate DQ RAP stockpiles shall not contain steel slag or other expansive material as determined by the Department.
- (e) Non-Quality. RAP stockpiles that do not meet the requirements of the stockpile categories listed above shall be classified as "Non-Quality".

RAP/FRAP containing contaminants, such as earth, brick, sand, concrete, sheet asphalt, bituminous surface treatment (i.e. chip seal), pavement fabric, joint sealants, etc., will be unacceptable unless the contaminants are removed to the satisfaction of the Engineer. Sheet asphalt shall be stockpiled separately.

1031.03 Testing. When used in HMA, the RAP/FRAP shall be sampled and tested either during or after stockpiling.

For testing during stockpiling, washed extraction samples shall be run at the minimum frequency of one sample per 500 tons (450 metric tons) for the first 2000 tons (1800 metric tons) and one sample per 2000 tons (1800 metric tons) thereafter.

A minimum of five tests shall be required for stockpiles less than 4000 tons (3600 metric tons).

For testing after stockpiling, the Contractor shall submit a plan for approval to the District proposing a satisfactory method of sampling and testing the RAP/FRAP pile either in-situ or by restockpiling. The sampling plan shall meet the minimum frequency required above and detail the procedure used to obtain representative samples throughout the pile for testing.

Before extraction, each field sample shall be split to obtain two samples of test sample size. One of the two test samples from the final split shall be labeled and stored for Department use. The Contractor shall extract the other test sample according to Department procedure. The Engineer reserves the right to test any sample (split or Department-taken) to verify Contractor test results.

Evaluation of Test Results. All of the extraction results shall be compiled and averaged for asphalt binder content and gradation and, when applicable G_{mm} . Individual extraction test results, when compared to the averages, will be accepted if within the tolerances listed below.

Parameter	FRAP/Homogeneous /Conglomerate	Conglomerate "D" Quality
1 in. (25 mm)		± 5 %
1/2 in. (12.5 mm)	± 8 %	± 15 %
No. 4 (4.75 mm)	± 6 %	± 13 %
No. 8 (2.36 mm)	± 5 %	
No. 16 (1.18 mm)		± 15 %
No. 30 (600 μm)	± 5 %	
No. 200 (75 μm)	± 2.0 %	± 4.0 %
Asphalt Binder	± 0.4 % ^{1/}	± 0.5 %
G_{mm}	± 0.03	

1/ The tolerance for FRAP shall be ± 0.3 %.

If more than 20 percent of the individual sieves are out of the gradation tolerances, or if more than 20 percent of the asphalt binder content test results fall outside the appropriate tolerances, the RAP/FRAP shall not be used in HMA unless the RAP/FRAP representing the failing tests is removed from the stockpile. All test data and acceptance ranges shall be sent to the District for evaluation.

With the approval of the Engineer, the ignition oven may be substituted for extractions according to the Illinois Test Procedure, "Calibration of the Ignition Oven for the Purpose of Characterizing Reclaimed Asphalt Pavement (RAP)".

1031.04 Quality Designation of Aggregate in RAP/FRAP.

- (a) The aggregate quality of the RAP for homogenous, conglomerate, and conglomerate "D" quality stockpiles shall be set by the lowest quality of coarse aggregate in the RAP stockpile and are designated as follows.

- (1) RAP from Class I, Superpave (High ESAL)/HMA (High ESAL), or HMA (Low ESAL) IL-9.5L surface mixtures are designated as containing Class B quality coarse aggregate.
- (2) RAP from Superpave (Low ESAL)/HMA (Low ESAL) IL-19.0L binder mixture is designated as Class D quality coarse aggregate.
- (3) RAP from Class I, Superpave (High ESAL), or HMA (High ESAL) binder mixtures, bituminous base course mixtures, and bituminous base course widening mixtures are designated as containing Class C quality coarse aggregate.
- (4) RAP from bituminous stabilized subbase and BAM shoulders are designated as containing Class D quality coarse aggregate.

(b) The aggregate quality of FRAP shall be determined as follows.

Fractionated stockpiles containing plus #4 (4.75 mm) sieve coarse aggregate shall have a maximum tonnage of 5000 tons (4500 metric tons). The Contractor shall obtain a representative sample witnessed by the Engineer. The sample shall be a minimum of 50 lb (25 kg). The sample shall be extracted according to Illinois Modified AASHTO T 164 by a consultant prequalified by the Department for the specified testing. The consultant shall submit the test results along with the recovered aggregate to the District Office. The cost for this testing shall be paid by the Contractor. The District will forward the sample to the BMPR Aggregate Lab for MicroDeval Testing, according to Illinois Modified AASHTO T 327. A maximum loss of 15.0 percent will be applied for all HMA applications.”

1031.05 Use of RAP/FRAP in HMA. The use of RAP/FRAP shall be a Contractor’s option when constructing HMA in all contracts. The use of RAP/FRAP in HMA shall be as follows.

- (a) Coarse Aggregate Size. The coarse aggregate in all RAP shall be equal to or less than the nominal maximum size requirement for the HMA mixture to be produced.
- (b) Steel Slag Stockpiles. RAP stockpiles containing steel slag or other expansive material, as determined by the Department, shall be homogeneous and will be approved for use in HMA (High ESAL and Low ESAL) surface mixtures only.
- (c) Use in HMA Surface Mixtures (High and Low ESAL). RAP/FRAP stockpiles for use in HMA surface mixtures (High and Low ESAL) shall be FRAP or homogeneous in which the coarse aggregate is Class B quality or better.
- (d) Use in HMA Binder Mixtures (High and Low ESAL), HMA Base Course, and HMA Base Course Widening. RAP/FRAP stockpiles for use in HMA binder mixtures (High and Low ESAL), HMA base course, and HMA base course widening shall be FRAP, homogeneous, or conglomerate, in which the coarse aggregate is Class C quality or better.
- (e) Use in Shoulders and Subbase. RAP/FRAP stockpiles for use in HMA shoulders and stabilized subbase (HMA) shall be FRAP, homogeneous, conglomerate, or conglomerate DQ.

- (f) When the Contractor chooses the RAP option, the percentage of RAP shall not exceed the amounts indicated in the table below for a given N Design.

Max RAP Percentage

HMA Mixtures ^{1/, 3/}	Maximum % RAP			
	Ndesign	Binder/Leveling Binder	Surface	Polymer Modified
30	30	30	10	10
50	25	15	10	10
70	15 / 25 ^{2/}	10 / 15 ^{2/}	10	10
90	10	10	10	10
105	10	10	10	10

- 1/ For HMA shoulder and stabilized subbase (HMA) N-30, the amount of RAP shall not exceed 50% of the mixture.
- 2/ Value of Max % RAP if homogeneous RAP stockpile of IL-9.5 RAP is utilized.
- 3/ When RAP exceeds 20 percent, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent RAP would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-28). If warm mix asphalt (WMA) technology is utilized, and production temperatures do not exceed 275°F (135 °C) the grades shall be reduced as follows:

Overlays:

When WMA contains between 20 and 30 percent RAP the high temperature shall be reduced by one grade (i.e. 25 percent RAP would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-22). When WMA contains 30 percent or more RAP the high and low temperature grades shall each be reduced by one grade (i.e. 35 percent RAP would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-28).

Full Depth:

When WMA contains between 20 and 30 percent RAP, the low temperature shall be reduced by one grade (i.e. 25 percent RAP would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG64-28). When the WMA contains 30 percent or more RAP the high and low temperature grades shall each be reduced by one grade (i.e. 35 percent RAP would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-28).

- (g) When the Contractor chooses the FRAP option, the percentage of FRAP shall not exceed the amounts indicated in the table below for a given N Design.

Max FRAP Percentage

HMA Mixtures ^{1/, 2/}	Maximum % FRAP			
	Ndesign	Binder/Leveling Binder	Surface	Polymer Modified
30	35	35	10	10
50	30	25	10	10
70	25	20	10	10
90	20	15	10	10
105	10	10	10	10

- 1/ For HMA shoulder and stabilized subbase (HMA) N30, the amount of FRAP shall not exceed 50 percent of the mixture.
- 2/ When FRAP exceeds 20 percent, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent FRAP would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-28). If warm mix asphalt (WMA) technology is utilized, and production temperatures do not exceed 275°F (135 °C) the grades shall be reduced as follows:

Overlays:

When WMA contains between 20 and 30 percent FRAP the high temperature shall be reduced by one grade (i.e. 25 percent FRAP would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-22). When WMA contains 30 percent or more FRAP the high and low temperature grades shall each be reduced by one grade (i.e. 35 percent FRAP would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-28).

Full Depth:

When WMA contains between 20 and 30 percent FRAP, the low temperature shall be reduced by one grade (i.e. 25 percent FRAP would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG64-28). When the WMA contains 30 percent or more FRAP the high and low temperature grades shall each be reduced by one grade (i.e. 35 percent FRAP would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-28).

1031.06 HMA Mix Designs. At the Contractor's option, HMA mixtures may be constructed utilizing RAP/FRAP material meeting the above detailed requirements.

RAP/FRAP designs shall be submitted for volumetric verification. If additional RAP/FRAP stockpiles are tested and found that no more than 20 percent of the results, as defined under "Testing" herein, are outside of the control tolerances set for the original RAP/FRAP stockpile and HMA mix design, and meets all of the requirements herein, the additional RAP/FRAP stockpiles may be used in the original mix design at the percent previously verified.

1031.07 HMA Production. The coarse aggregate in all RAP used shall be equal to or less than the nominal maximum size requirement for the HMA mixture being produced.

To remove or reduce agglomerated material, a scalping screen, gator, crushing unit, or comparable sizing device approved by the Engineer shall be used in the RAP feed system to remove or reduce oversized material. If material passing the sizing device adversely affects the mix production or quality of the mix, the sizing device shall be set at a size specified by the Engineer.

If the RAP/FRAP control tolerances or QC/QA test results require corrective action, the Contractor shall cease production of the mixture containing RAP/FRAP and either switch to the virgin aggregate design or submit a new RAP/FRAP design.

HMA plants utilizing RAP/FRAP shall be capable of automatically recording and printing the following information.

(a) Dryer Drum Plants.

- (1) Date, month, year, and time to the nearest minute for each print.
- (2) HMA mix number assigned by the Department.
- (3) Accumulated weight of dry aggregate (combined or individual) in tons (metric tons) to the nearest 0.1 ton (0.1 metric ton).
- (4) Accumulated dry weight of RAP/FRAP in tons (metric tons) to the nearest 0.1 ton (0.1 metric ton).
- (5) Accumulated mineral filler in revolutions, tons (metric tons), etc. to the nearest 0.1 unit.
- (6) Accumulated asphalt binder in gallons (liters), tons (metric tons), etc. to the nearest 0.1 unit.
- (7) Residual asphalt binder in the RAP/FRAP material as a percent of the total mix to the nearest 0.1 percent.
- (8) Aggregate and RAP/FRAP moisture compensators in percent as set on the control panel. (Required when accumulated or individual aggregate and RAP/FRAP are printed in wet condition.)

(b) Batch Plants.

- (1) Date, month, year, and time to the nearest minute for each print.
- (2) HMA mix number assigned by the Department.
- (3) Individual virgin aggregate hot bin batch weights to the nearest pound (kilogram).
- (4) Mineral filler weight to the nearest pound (kilogram).
- (5) RAP/FRAP weight to the nearest pound (kilogram).
- (6) Virgin asphalt binder weight to the nearest pound (kilogram).
- (7) Residual asphalt binder in the RAP/FRAP material as a percent of the total mix to the nearest 0.1 percent.

The printouts shall be maintained in a file at the plant for a minimum of one year or as directed by the Engineer and shall be made available upon request. The printing system will be inspected by the Engineer prior to production and verified at the beginning of each construction season thereafter.

1031.08 RAP in Aggregate Surface Course and Aggregate Shoulders. The use of RAP in aggregate surface course and aggregate shoulders shall be as follows.

- (a) Stockpiles and Testing. RAP stockpiles may be any of those listed in Article 1031.02, except “Non-Quality” and “FRAP”. The testing requirements of Article 1031.03 shall not apply.
- (b) Gradation. One hundred percent of the RAP material shall pass the 1 1/2 in. (37.5 mm) sieve. The RAP material shall be reasonably well graded from coarse to fine. RAP material that is gap-graded or single sized will not be accepted.”

REFLECTIVE SHEETING ON CHANNELIZING DEVICES (BDE)

Effective: April 1, 2007

Revised: November 1, 2008

Revise the seventh paragraph of Article 1106.02 of the Standard Specifications to read:

“At the time of manufacturing, the retroreflective prismatic sheeting used on channelizing devices shall meet or exceed the initial minimum coefficient of retroreflection as specified in the following table. Measurements shall be conducted according to ASTM E 810, without averaging. Sheeting used on cones, drums and flexible delineators shall be reboundable as tested according to ASTM D 4956. Prestriped sheeting for rigid substrates on barricades shall be white and orange. [The sheeting shall be uniform in color and devoid of streaks throughout the length of each roll. The color shall conform to the latest appropriate standard color tolerance chart issued by the U.S. Department of Transportation, Federal Highway Administration, and to the daytime and nighttime color requirements of ASTM D 4956.](#)

Initial Minimum Coefficient of Retroreflection candelas/foot candle/sq ft (candelas/lux/sq m) of material				
Observation Angle (deg.)	Entrance Angle (deg.)	White	Orange	Fluorescent Orange
0.2	-4	365	160	150
0.2	+30	175	80	70
0.5	-4	245	100	95
0.5	+30	100	50	40”

Revise the first sentence of the first paragraph of Article 1106.02(c) of the Standard Specifications to read:

“Barricades and vertical panels shall have alternating white and orange stripes sloping downward at 45 degrees toward the side on which traffic will pass.”

Revise the third sentence of the first paragraph of Article 1106.02(d) of the Standard Specifications to read:

“The bottom panels shall be 8 x 24 in. (200 x 600 mm) with alternating white and orange stripes sloping downward at 45 degrees toward the side on which traffic will pass.”

REINFORCEMENT BARS - STORAGE AND PROTECTION (BDE)

Effective: August 1, 2008

Revised: April 1, 2009

Revise Article 508.03 of the Standard Specifications to read:

“508.03 Storage and Protection. Reinforcement bars shall be stored off the ground using platforms, skids, or other supports; and shall be protected from mechanical injury and from deterioration by exposure. Epoxy coated bars shall be stored on wooden or padded steel cribbing and all systems for handling shall have padded contact areas. The bars or bundles shall not be dragged or dropped.

When epoxy coated bars are stored in a manner where they will be exposed to the weather more than 60 days prior to use, they shall be protected from deterioration such as that caused by sunlight, salt spray, and weather exposure. The protection shall consist of covering with opaque polyethylene sheeting or other suitable opaque material. The covering shall be secured and allow for air circulation around the bars to minimize condensation under the cover.

Covering of the epoxy coated bars will not be required when the bars are installed and tied, or when they are partially incorporated into the concrete.”

SUBCONTRACTOR MOBILIZATION PAYMENTS (BDE)

Effective: April 2, 2005

To account for the preparatory work and operations necessary for the movement of subcontractor personnel, equipment, supplies, and incidentals to the project site and for all other work or operations that must be performed or costs incurred when beginning work approved for subcontracting in accordance with Article 108.01 of the Standard Specifications, the Contractor shall make a mobilization payment to each subcontractor.

This mobilization payment shall be made at least 14 days prior to the subcontractor starting work. The amount paid shall be equal to 3 percent of the amount of the subcontract reported on form BC 260A submitted for the approval of the subcontractor’s work.

This provision shall be incorporated directly or by reference into each subcontract approved by the Department.

THERMOPLASTIC PAVEMENT MARKINGS (BDE)

Effective: January 1, 2007

Revise Article 1095.01(a)(2) of the Standard Specifications to read:

“(2) Pigment. The pigment used for the white thermoplastic compound shall be a high-grade pure (minimum 93 percent) titanium dioxide (TiO₂). The white pigment content shall be a minimum of ten percent by weight and shall be uniformly distributed throughout the thermoplastic compound.

The pigments used for the yellow thermoplastic compound shall not contain any hazardous materials listed in the Environmental Protection Agency Code of Federal Regulations (CFR) 40, Section 261.24, Table 1. The combined total of RCRA listed heavy metals shall not exceed 100 ppm when tested by X-ray fluorescence spectroscopy. The pigments shall also be heat resistant, UV stable and color-fast yellows, golds, and oranges, which shall produce a compound which shall match Federal Standard 595 Color No. 33538.

The pigment shall be uniformly distributed throughout the thermoplastic compound.”

Revise Article 1095.01(b)(1)e. of the Standard Specifications to read:

“e. Daylight Reflectance and Color. The thermoplastic compound after heating for four hours ± five minutes at 425 ± 3 °F (218.3 ± 2 °C) and cooled at 77 °F (25 °C) shall meet the following requirements for daylight reflectance and color, when tested, using a color spectrophotometer with 45 degree circumferential/zero degree geometry, illuminant C, and two degree observer angle. The color instrument shall measure the visible spectrum from 380 to 720 nm with a wavelength measurement interval and spectral bandpass of 10 nm.

White: Daylight Reflectance75 percent min.
*Yellow: Daylight Reflectance45 percent min.

*Shall meet the coordinates of the following color tolerance chart.

x	0.490	0.475	0.485	0.530
y	0.470	0.438	0.425	0.456”

Revise Article 1095.01(b)(1)k. of the Standard Specifications to read:

“k. Accelerated Weathering. After heating the thermoplastic for four hours ± five minutes at 425 ± 3 °F (218.3 ± 2 °C) the thermoplastic shall be applied to a steel wool abraded aluminum alloy panel (Federal Test Std. No. 141, Method 2013) at a film thickness of 30 mils (0.70 mm) and allowed to cool for 24 hours at room temperature. The coated panel shall be subjected to accelerated weathering using the light and water exposure apparatus (fluorescent UV - condensation type) for 75 hours according to ASTM G 53 (equipped with UVB-313 lamps).

The cycle shall consist of four hours UV exposure at 122 °F (50 °C) followed by four hours of condensation at 104 °F (40 °C). UVB 313 bulbs shall be used. At the end of the exposure period, the panel shall not exceed 10 Hunter Lab Delta E units from the original material.”

TRUCK MOUNTED/TRAILER MOUNTED ATTENUATORS (BDE)

Effective: January 1, 2010

Revise Article 701.03(k) of the Standard Specifications to read:

“(k) Truck Mounted/Trailer Mounted Attenuators 1106.02”

Revise Article 701.15(h) of the Standard Specifications to read:

“(h) Truck Mounted/Trailer Mounted Attenuators (TMA). TMA units shall have a roll ahead distance in the event of an impact. The TMA shall be between 100 and 200 ft (30 and 60 m) behind the vehicle ahead or the workers. This distance may be extended by the Engineer.

TMA host vehicles shall have the parking brake engaged when stationary.

The driver and passengers of the TMA host vehicle should exit the vehicle if the TMA is to remain stationary for 15 minutes or more in duration.”

Revise Article 1106.02(g) of the Standard Specifications to read:

“(g) Truck Mounted/Trailer Mounted Attenuators. The attenuator shall be a NCHRP 350 approved unit for Test Level 3. Test Level 2 may be used as directed by the Engineer for normal posted speeds less than or equal to 45 mph.”

WORKING DAYS (BDE)

Effective: January 1, 2002

The Contractor shall complete the work within **60** working days.

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

Effective: November 2, 2006

Revised: April 1, 2009

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 permanent and temporary hot-mix asphalt (HMA) mixtures, bituminous surface treatments (cover and seal coats), and pavement preservation 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: $Q, \text{ tons} = A \times D \times (G_{mb} \times 46.8) / 2000$. For HMA mixtures measured in square meters: $Q, \text{ metric tons} = A \times D \times (G_{mb} \times 24.99) / 1000$. 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: $Q, \text{ tons} = V \times 8.33 \text{ lb/gal} \times SG / 2000$

For bituminous materials measured in liters: $Q, \text{ metric tons} = V \times 1.0 \text{ kg/L} \times SG / 1000$

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.

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:** _____

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.
- (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 | <input type="checkbox"/> |
| Category B Subbases and Aggregate Base Courses | Yes | <input type="checkbox"/> |
| Category C HMA Bases, Pavements and Shoulders | Yes | <input type="checkbox"/> |
| Category D PCC Bases, Pavements and Shoulders | Yes | <input type="checkbox"/> |
| Category E Structures | Yes | <input type="checkbox"/> |

Signature: _____ **Date:** _____

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

Effective: April 2, 2004

Revised: April 1, 2009

Description. Steel cost adjustments will be made to provide additional compensation to the Contractor, or a credit to the Department, for fluctuations in steel 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 steel cost adjustments for all items of steel. Failure to indicate "Yes" for any item of work will make that item of steel exempt from steel cost adjustment.

Types of Steel Products. An adjustment will be made for fluctuations in the cost of steel used in the manufacture of the following items:

- Metal Piling (excluding temporary sheet piling)
- Structural Steel
- Reinforcing Steel

Other steel materials such as dowel bars, tie bars, mesh reinforcement, guardrail, steel traffic signal and light poles, towers and mast arms, metal railings (excluding wire fence), and frames and grates will be subject to a steel cost adjustment when the pay items they are used in has a contract value of \$10,000 or greater.

Documentation. Sufficient documentation shall be furnished to the Engineer to verify the following:

- (a) The dates and quantity of steel, in lb (kg), shipped from the mill to the fabricator.
- (b) The quantity of steel, in lb (kg), incorporated into the various items of work covered by this special provision. The Department reserves the right to verify submitted quantities.

Method of Adjustment. Steel cost adjustments will be computed as follows:

$$SCA = Q \times D$$

Where: SCA = steel cost adjustment, in dollars
Q = quantity of steel incorporated into the work, in lb (kg)
D = price factor, in dollars per lb (kg)

$$D = MPI_M - MPI_L$$

Where: MPI_M = The Materials Cost Index for steel as published by the Engineering News-Record for the month the steel is shipped from the mill. The indices will be converted from dollars per 100 lb to dollars per lb (kg).

MPI_L = The Materials Cost Index for steel as published by the Engineering News-Record for the month prior to the letting. The indices will be converted from dollars per 100 lb to dollars per lb (kg).

The unit weights (masses) of steel that will be used to calculate the steel cost adjustment for the various items are shown in the attached table.

No steel cost adjustment will be made for any products manufactured from steel having a mill shipping date prior to the letting date.

If the Contractor fails to provide the required documentation, the method of adjustment will be calculated as described above; however, the MPI_M will be based on the date the steel arrives at the job site. In this case, an adjustment will only be made when there is a decrease in steel costs.

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

$$\text{Percent Difference} = \{(MPI_L - MPI_M) \div MPI_L\} \times 100$$

Steel cost adjustments will be calculated by the Engineer and will be paid or deducted when all other contract requirements for the items of work are satisfied. Adjustments will only be made for fluctuations in the cost of the steel as described herein. No adjustment will be made for changes in the cost of manufacturing, fabrication, shipping, storage, etc.

The adjustments shall not apply during contract time subject to liquidated damages for completion of the entire contract.

Attachment

Item	Unit Mass (Weight)
Metal Piling (excluding temporary sheet piling)	
Furnishing Metal Pile Shells 12 in. (305 mm), 0.179 in. (3.80 mm) wall thickness)	23 lb/ft (34 kg/m)
Furnishing Metal Pile Shells 12 in. (305 mm), 0.250 in. (6.35 mm) wall thickness)	32 lb/ft (48 kg/m)
Furnishing Metal Pile Shells 14 in. (356 mm), 0.250 in. (6.35 mm) wall thickness)	37 lb/ft (55 kg/m)
Other piling	See plans
Structural Steel	See plans for weights (masses)
Reinforcing Steel	See plans for weights (masses)
Dowel Bars and Tie Bars	6 lb (3 kg) each
Mesh Reinforcement	63 lb/100 sq ft (310 kg/sq m)
Guardrail	
Steel Plate Beam Guardrail, Type A w/steel posts	20 lb/ft (30 kg/m)
Steel Plate Beam Guardrail, Type B w/steel posts	30 lb/ft (45 kg/m)
Steel Plate Beam Guardrail, Types A and B w/wood posts	8 lb/ft (12 kg/m)
Steel Plate Beam Guardrail, Type 2	305 lb (140 kg) each
Steel Plate Beam Guardrail, Type 6	1260 lb (570 kg) each
Traffic Barrier Terminal, Type 1 Special (Tangent)	730 lb (330 kg) each
Traffic Barrier Terminal, Type 1 Special (Flared)	410 lb (185 kg) each
Steel Traffic Signal and Light Poles, Towers and Mast Arms	
Traffic Signal Post	11 lb/ft (16 kg/m)
Light Pole, Tenon Mount and Twin Mount, 30 - 40 ft (9 - 12 m)	14 lb/ft (21 kg/m)
Light Pole, Tenon Mount and Twin Mount, 45 - 55 ft (13.5 - 16.5 m)	21 lb/ft (31 kg/m)
Light Pole w/Mast Arm, 30 - 50 ft (9 - 15.2 m)	13 lb/ft (19 kg/m)
Light Pole w/Mast Arm, 55 - 60 ft (16.5 - 18 m)	19 lb/ft (28 kg/m)
Light Tower w/Luminaire Mount, 80 - 110 ft (24 - 33.5 m)	31 lb/ft (46 kg/m)
Light Tower w/Luminaire Mount, 120 - 140 ft (36.5 - 42.5 m)	65 lb/ft (97 kg/m)
Light Tower w/Luminaire Mount, 150 - 160 ft (45.5 - 48.5 m)	80 lb/ft (119 kg/m)
Metal Railings (excluding wire fence)	
Steel Railing, Type SM	64 lb/ft (95 kg/m)
Steel Railing, Type S-1	39 lb/ft (58 kg/m)
Steel Railing, Type T-1	53 lb/ft (79 kg/m)
Steel Bridge Rail	52 lb/ft (77 kg/m)
Frames and Grates	
Frame	250 lb (115 kg)
Lids and Grates	150 lb (70 kg)

RETURN WITH BID

ILLINOIS DEPARTMENT OF TRANSPORTATION

OPTION FOR STEEL 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 steel cost adjustments for all items of steel. Failure to indicate "Yes" for any item of work will make that item of steel exempt from steel 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 items of work?

Metal Piling	Yes	<input type="checkbox"/>
Structural Steel	Yes	<input type="checkbox"/>
Reinforcing Steel	Yes	<input type="checkbox"/>
Dowel Bars, Tie Bars and Mesh Reinforcement	Yes	<input type="checkbox"/>
Guardrail	Yes	<input type="checkbox"/>
Steel Traffic Signal and Light Poles, Towers and Mast Arms	Yes	<input type="checkbox"/>
Metal Railings (excluding wire fence)	Yes	<input type="checkbox"/>
Frames and Grates	Yes	<input type="checkbox"/>

Signature: _____ **Date:** _____

CONTRACT NO. 64F34

SECTION	COUNTY	SECTION SHEET
112Y-1	ROCK ISLAND	1
112Y-2	ROCK ISLAND	2
112Y-3	ROCK ISLAND	3
112Y-4	ROCK ISLAND	4
112Y-5	ROCK ISLAND	5
112Y-6	ROCK ISLAND	6
112Y-7	ROCK ISLAND	7
112Y-8	ROCK ISLAND	8
112Y-9	ROCK ISLAND	9
112Y-10	ROCK ISLAND	10

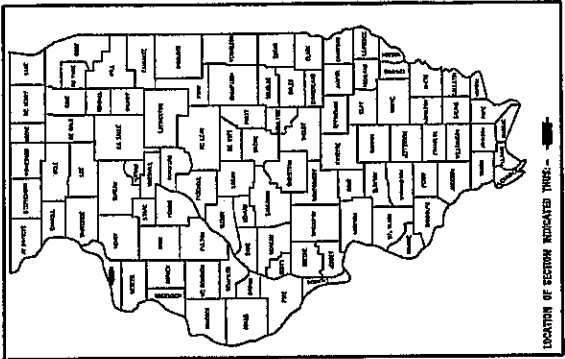
D-92-097-09
* 51 + 3 = 54

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**
FAU 5773 (AVENUE OF THE CITIES)
FAP 595 (IL 84 & COLONA ROAD)
SECTION (112Y-1, 183MFT)
ROCK ISLAND COUNTY
C-92-089-10

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR STATE STANDARDS, SEE SHEET NO. 2

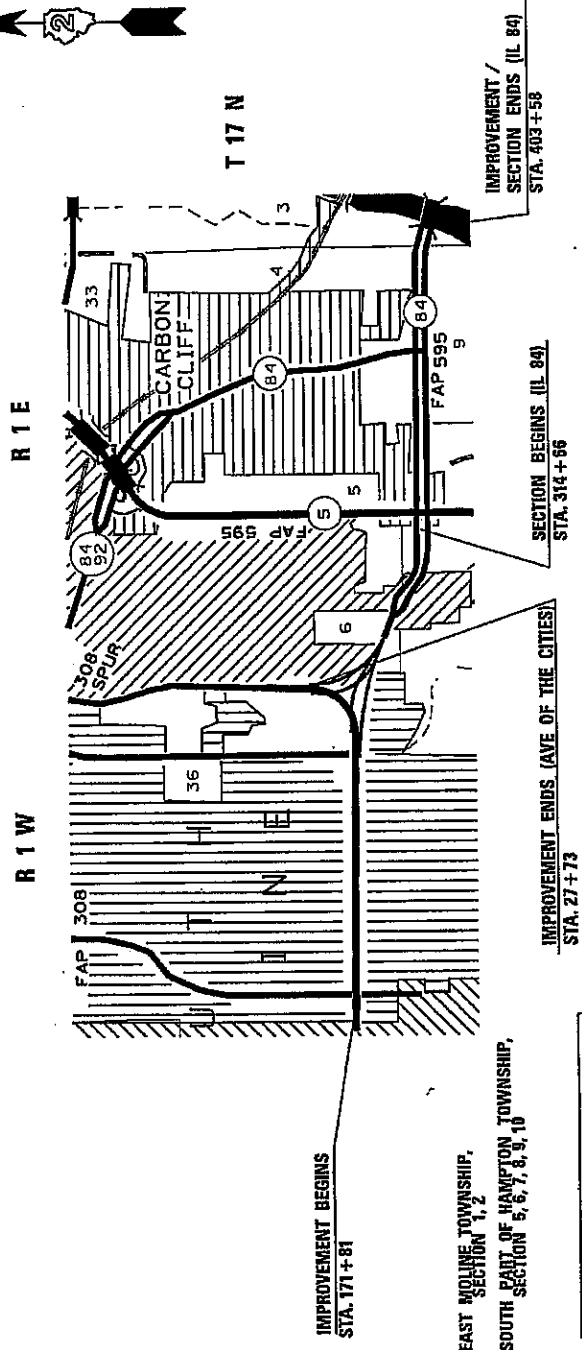
SQUAD LEADER: Lucas Megill (815) 284-5362
PROJECT ENGINEER: BOB WAGNER



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SUBMITTED 3/17/10
BY [Signature]
JOINT DIRECTOR OF DESIGN, REGION ENGINEER

ENGINEER OF DESIGN AND ENVIRONMENT
SECTION NO. 29
DIRECTOR OF HIGHWAYS, STATE ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS



NOTE
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-802-852-9123

GROSS LENGTH OF PROJECT = 23177 LIN. FT. = 4.39 MILES
NET LENGTH OF PROJECT = 8892 LIN. FT. = 1.68 MILES

CONTRACT 64F34

FAU 5773 & FAP 595 SECTION (112Y-1, 183MFT) PATCHING & (13MFT, 1R)RS ROCK ISLAND COUNTY DISTRICT 2, DIXON

FAU 5773 (AVENUE OF THE CITIES)
FAP 595 (IL 84 & COLONA RD)
SECTION (112Y-1, 183MFT)PATCHING & (13MFT, 1R)RS
ROCK ISLAND COUNTY
CONTRACT 64F34
SHEET 2 OF 51

INDEX OF SHEETS

1	Cover Sheet
2	Index of Sheets
2	State Standards
3 - 5	Summary of Quantities
6 - 9	General Notes
10 - 19C	Typical Sections and Details
20	Hot-Mix Asphalt Schedules
21 - 32	Patching Schedules
33 - 39	Schedule of Quantities
40	Catch Basins or Inlets to be Adjusted or Reconstructed (17.4A)
41	Concrete Headwalls for Pipe Drains (27.4)
42	Typical Marking for Painted Island (93.4)
43	Subgrade Replacement (97.4)
44	Witness Marker & Permanent Survey Markers, Type II (66.2)
45	Rough Grooved Surface Sign (91.2)
46	Traffic Control and Protection at Turn Bays (To Remain Open to Traffic) (94.2)
47	Traffic Control Typical Weave (39.1)
48	Traffic Control for Road Closure (40.1)
49 - 51	Typical Pavement Markings (41.1)

STATE STANDARDS

001006	Decimal of an Inch and of a Foot
420001 - 07	Pavement Joints
420101 - 04	24ft Jointed PCC Pavement
601101 - 01	Concrete Headwall for Pipe Drain
635001 - 01	Delineators
667101 - 01	Permanent Survey Markers
701101 - 02	Typical Application of Traffic Control Standard
701106 - 02	Typical Application of Traffic Control Standard
701411 - 06	Typical Application of Traffic Control Standard
701421 - 02	Typical Application of Traffic Control Standard
701422 - 02	Typical Application of Traffic Control Standard
701426 - 03	Typical Application of Traffic Control Standard
701451 - 01	Typical Application of Traffic Control Standard
701601 - 06	Typical Application of Traffic Control Standard
701606 - 06	Typical Application of Traffic Control Standard
701701 - 06	Typical Application of Traffic Control Standard
701901 - 01	Traffic Control Devices
720011 - 01	Metal Posts for Signs, Markers, and Delineators
728001 - 01	Telescoping Steel Sign Support
729001 - 01	Applications of Types A and B Metal Posts
780001 - 02	Typical Pavement Markings
781001 - 03	Typ. Application of Raised Reflective Pavement Markers

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	1000	
				Ave. of the Cities	IL 84/Colona Road
20200100	EARTH EXCAVATION	CU YD	1,328		1,328
31100920	SUB-BASE GRANULAR MATERIAL TYPE A, 15"	SQ YD	3,187		3,187
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	44.5	0.2	44.3
40600300	AGGREGATE (PRIME COAT)	TON	90.0	0.4	89.6
40600525	LEVELING BINDER (HAND METHOD), N50	TON	50	3	47
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	3,351	17	3,334
40600895	CONSTRUCTING TEST STRIP	EACH	1		1
40600990	TEMPORARY RAMP	SQ YD	1,006		1,006
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	4,789		4,789
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	5,025	25	5,000
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	95,756	299	95,457
44004250	PAVED SHOULDER REMOVAL	SQ YD	3,187		3,187
44200966	CLASS B PATCHES, TYPE <u>II</u> , 10 INCH	SQ YD	104	104	
44200970	CLASS B PATCHES, TYPE <u>III</u> , 10 INCH	SQ YD	4,286	4,286	
44200974	CLASS B PATCHES, TYPE <u>IV</u> , 10 INCH	SQ YD	632	632	
44200976	CLASS B PATCHES, TYPE <u>V</u> , 10 INCH	SQ YD	1,484	1,484	
44201815	CLASS D PATCHES, TYPE <u>II</u> , 14 INCH	SQ YD	100		100
44213100	PAVEMENT FABRIC	SQ YD	2,115	2,115	
44213200	SAW CUTS	FOOT	29,857	29,857	
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	3,187		3,187
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	4		4
60107600	PIPE UNDERDRAINS 4"	FOOT	2,760		2,760
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	90		90

FAU 573 FAP 595

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	100% State	
				Ave. of the Cities	IL 84/Colona Road
60260100	INLETS TO BE ADJUSTED	EACH	1	1	1
60262510	INLETS TO BE ADJUSTED WITH NEW FRAME AND GRATE (SPECIAL)	EACH	1	1	1
66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	12	9	3
67000400	ENGINEERS FIELD OFFICE, TYPE A	CAL MO	6	3	3
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	0.5	0.5
70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	L SUM	1	0.5	0.5
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1	1
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.5	0.5
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	30	25	5
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	4	4	4
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	5,915	62	5,853
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	657	7	650
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT.	613	31	582
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	34,645	207	34,438
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	4,420		4,420
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	5,836	207	5,629
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	674		674
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	421	15	406
* 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	94	94	
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	5,000	5,000	
* 78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	500	500	
* 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	400	400	

FAU5773 FAP 595

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	FAU5773	
				1000 Ave. of the Cities	1000 IL 84/Colonia Road
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	288	288	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	83		83
88600400	DETECTOR LOOP, SPECIAL	FOOT	3,349	899	2,450
X0320157	CLEANING UNDERDRAIN OUTLETS	EACH	50		50
X7013015	TRAFFIC CONTROL FOR ROAD CLOSURE	L SUM	1	1	
Z0014700	CULVERT TO BE CLEANED	EACH	22		22
Z0017100	DOWEL BARS	EACH	11,528	11,528	
Z0028415	GEOTECHNICAL REINFORCEMENT	SQ YD	4,163	4,163	
Z0028700	GRANULAR SUBGRADE REPLACEMENT	CU YD	163	163	
Z0029999	IMPACT ATTENUATOR REMOVAL	EACH	7		7
* Z0030030	IMPACT ATTENUATOR (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	7		7
Z0075300	TIE BARS	EACH	552	552	

* SPECIALTY ITEMS

GENERAL NOTES

All Borrow/Waste/Use sites must be approved by the Department prior to removing any material from the project or initiating any earthmoving activities, including temporary stockpiling outside the limits of construction.

Closed expansion joints on jointed pavements shall be re-established during the patching operations. Class B Patches - when the pavement requires patching at the location of the expansion joint, a new joint should be established using a dowelled expansion patch as shown on Highway Standard 442101. When the joint is closed, but does not require patching, an expansion joint may be formed by sawing the pavement and filling the saw cut with a preformed expansion joint filler meeting the requirements of Section 1051 of the Standard Specifications as shown on Standard 420001.

When laying out for patching, the minimum distance between new patches (saw cut to saw cut) shall be 4.6 m (15 feet). When patch spacing is less than 4.6 m (15 feet), the pavement between patches shall also be removed and replaced.

All mandatory joint sealing for Class A, Class B, and Class B (Hinge Jointed) patches as shown on the plans will not be measured for payment. Optional sawing of the joint for the sealant reservoir will not be measured for payment.

For all concrete patching that will not be resurfaced, the concrete shall be struck off flush with the existing pavement surface at each end of the patch.

The Engineer reserves the right to check all patches for smoothness by the use of a 10' rolling straight edge set to a 3/16" tolerance in the wheel paths. Any patch areas higher than 3/16" must be ground smooth with an approved grinding device consisting of multiple saws. The use of bushhammer or other impact devices will not be permitted. Any patch with depressions greater than 3/16" shall be repaired in a manner approved by the Engineer.

The mandatory saw cuts for pavement patching are:

Class B Patch: Cut two transverse saw cuts outlining the patch and one transverse pressure relief saw cut. The longitudinal edges of the patch shall be cut full depth. When the patch is adjacent to a pcc shoulder, two saw cuts along the shoulder will be required.

The mandatory saw cuts will be paid for at the contract unit price per Meter (Foot) for SAW CUTS.

The minimum patch dimension for full-depth patches will be 1.2 m (four feet) and half-lane width. Half-lane patches shall be confined to the outside edges of the pavement.

Milling machines on this project shall be capable of removing a layer of bituminous a minimum 6' wide and 1-1/2 inches in depth in a single pass.

The following Mixture Requirements are applicable for this project:

Mixture Uses(s):	Surface	Level Binder	Bottom Lifts Shoulders	Top Shoulder
PG:	PG 64-22	PG 64-22	PG 58-22	PG 58-22
Design Air Voids	4.0 @ N50	4.0 @ N50	3.0 @ N50	3.0 @ N50
Mixture Composition (Gradation Mixture)	IL 9.5 or 12.5	IL 9.5	BAM	IL 9.5 or 12.5
Friction Aggregate	D	N/A	N/A	C
20 Year ESAL	2.6	2.6	N/A	N/A

The Contractor shall place temporary hot-mix asphalt tapers along all sides of the utility structures protruding above the milled surface. The temporary tapers shall extend 2' outside of the castings, except for the approach side to traffic shall have a 4' taper length. Hot-mix asphalt meeting the approval of the Engineer shall be used, no cold millings will be allowed. The cost of the material, placement, maintenance, removal and disposal of said work will be included in the Pay Item for Hot-Mix Asphalt Surface Removal.

The Contractor will be required to furnish 140 mm (5 1/2") high brass stencils as approved by the Engineer and install stationing at 250' intervals. Stationing shall be placed on both lanes of 2-lane highways and on the outside lanes in both directions on 4-lane highways. The stations shall be placed 150 mm (6") inside the pavement marking edge so they can be read from the shoulder. This work will be included in the cost of the final pavement surface.

The area to be primed shall be limited to that which can be covered with HMA the same day, unless otherwise permitted by the Engineer.

PERMANENT SURVEY MARKERS, TYPE II, shall be set at intervals of 1.6 Km (1 mile) or as directed by the Engineer. Bridge or culvert projects shall have one survey marker placed near the structure.
Estimated: 12 Each.

Permanent Survey Markers, Type II placed in urban areas should be placed in sidewalk areas. The marker shall be placed as shown on District Standard 66.2. The sidewalk shall be placed around the marker and flush with the top.

Permanent Survey Markers, Type II shall be cast-in-place as shown on District Standard 66.2. The bottom of the marker shall be 5'-0" below the ground surface.

The Contractor shall submit to the Engineer a description of location, elevation, and coordinates for each permanent survey marker. The horizontal and vertical coordinates must be derived by GPS and the elevation derived by a closed level circuit. The Engineer shall submit this information to the Survey Crew.

Detector Loop, Special

1. Any Conduit stubs damaged during the surface grinding process shall be replaced in this cost. This shall also include any wire in the conduit required to connect the loops.
2. Any 6'x20' Detector Loop shall have a minimum of three turns of wire and any 6'x6' Detector Loop shall have a minimum of four turns of wire.
3. Detector loops will be measured for payment along the sawed slot in the pavement only.
4. The cables, from the end of the saw cut to the splice in the handhole, shall not be measured for payment and shall be considered to be included in the cost of the Detector Loop.
5. Seven (7) days prior to any work that may affect the operation of the Detector Loops, and for signal timing adjustments to be made for the construction period and appropriate layout of Detector Loops for reinstallation. Notice shall be given to Scott Kullerstrand at the Illinois Department of Transportation, District 2 (815/284-5468).

Work on this project will be in progress at the same time as work on Contract #64F10 (IL 5 at Colona Road). Work on these projects shall be scheduled to keep interference between all the projects to a minimum. The contractors shall inform each other of progress of the projects and give fair warning to the other contractors when a problem might be encountered.

The Contractor shall be responsible for protecting utility property during construction operations as outlined in Article 107.31 of the Standard Specifications. A minimum of 48 hours advance notice is required for non-emergency work. The JULIE number is 800-892-0123. The following listed utilities located within the project limits or immediately adjacent to the project construction limits are members of JULIE:

AT&T	MidAmerican Energy Co. (Electric & Gas)
Frontier/Citizens	Paetec
Mediacom	MCI World Com
City of East Moline	Village of Carbon Cliff
City of Silvis	

Tie bars shall be installed to tie PCC appurtenance to adjacent existing concrete pavement.

<u>Tie the following to the existing concrete pavement</u>		<u>Length, size, and spacing of Tie Bars</u>
Gutter or Curb & Gutter	Std. 606001	600 mm (24") long No. 20 (No. 6) @ 600 mm (24") centers
PCC Base Course	Std. 353001	600 mm (24") long No. 20 (No. 6) @ 750 mm (30") centers
PCC Pavement	Std. 420101	600 mm (24") long No. 20 (No. 6) @ 750 mm (30") centers

Tie bars to be installed in accordance with the applicable portions of Article 420.05(b) of the Standard Specifications. See Highway Standard 420001 for detail on longitudinal construction joint grouted-in-place tie bar. The cost of the tie bars to be included in the cost of the PCC appurtenance adjacent to the existing pavement.

It shall be the Contractor's responsibility to contact the municipality to determine approved methods of utility structure adjustment. Utility structures may include, but are not limited to, manholes, water valves, handholes, etc. All materials and work necessary to complete adjustments per municipality requirements shall be considered included in the cost of the associated adjustment pay item.

Final Striping shall be placed per planes, field verification, and standards. If discrepancies arise prior to placing final striping, contact Kurt Glazier at 815/284-5478.

The Contractor cannot work from the intersection of IL 5 and Colona Road to the east project limits, the Rock River, between the dates of July 5th through July 14th. This is due to the TPC Golf Tournament. All traffic control shall be removed from the roadway during this time.

The Contractor cannot work from the intersection of Archer Drive and Avenue of the Cities to the intersection of IL 5 and Avenue of the Cities between the dates of July 20th through July 25th. This is due to the Rock Island County Fair. All traffic control shall be removed from the roadway during this time.

Install Impact Attenuators (Fully Redirective, Narrow), Test Level 3, and bases as shown on the plans, per manufacturer specifications, Special Provisions, and Standard Specifications. All attenuator base construction will be included in the cost of the impact attenuator. Install Impact Attenuators and bases using Traffic Control and Protection Standard 701422, Special Provisions, and Standard Specifications.

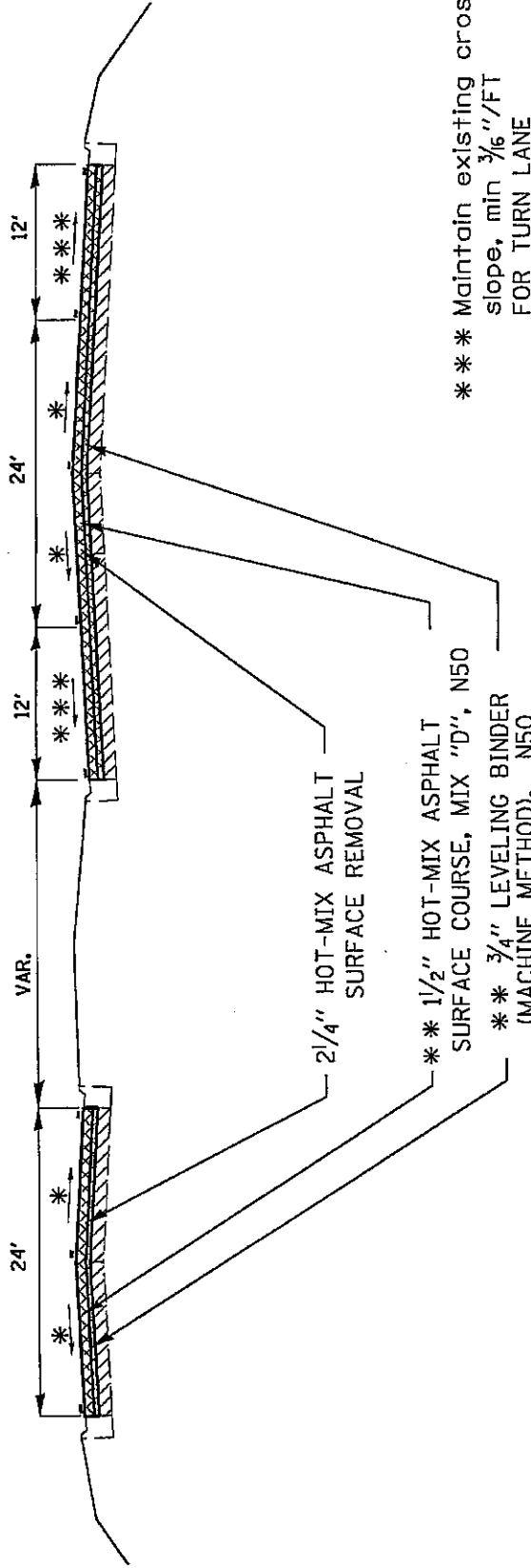
In order to remove and replace the Impact Attenuators on Colona Road, the Contractor must close the median lanes before removal and keep them closed until the new attenuators are installed.

This project includes milling & resurfacing of the IL 5 turn lanes at Colona Road. The IL 5 thru lanes were recently resurfaced and not scheduled for improvement. The IL 5 left turn lanes and that portion of the intersection between the thru lanes shall be milled & resurfaced on the same day.

TYPICAL SECTION

COLONA RD

STA. 314+66 TO STA. 319+66



*** 112 LBS/SQ YD/IN

EXISTING FULL DEPTH HMA PAVEMENT

* Maintain existing cross slope, min 1/8"/FT

*** Maintain existing cross slope, min 3/16"/FT FOR TURN LANE

FAU 5773 (AVENUE OF THE CITIES) FAPQL 84& COLONA RD
 ** (12Y-1,183MFT) PATCHING & (13 MFT) RRRS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
		ROCK ISLAND	51
		CONTRACT NO.	64F34
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

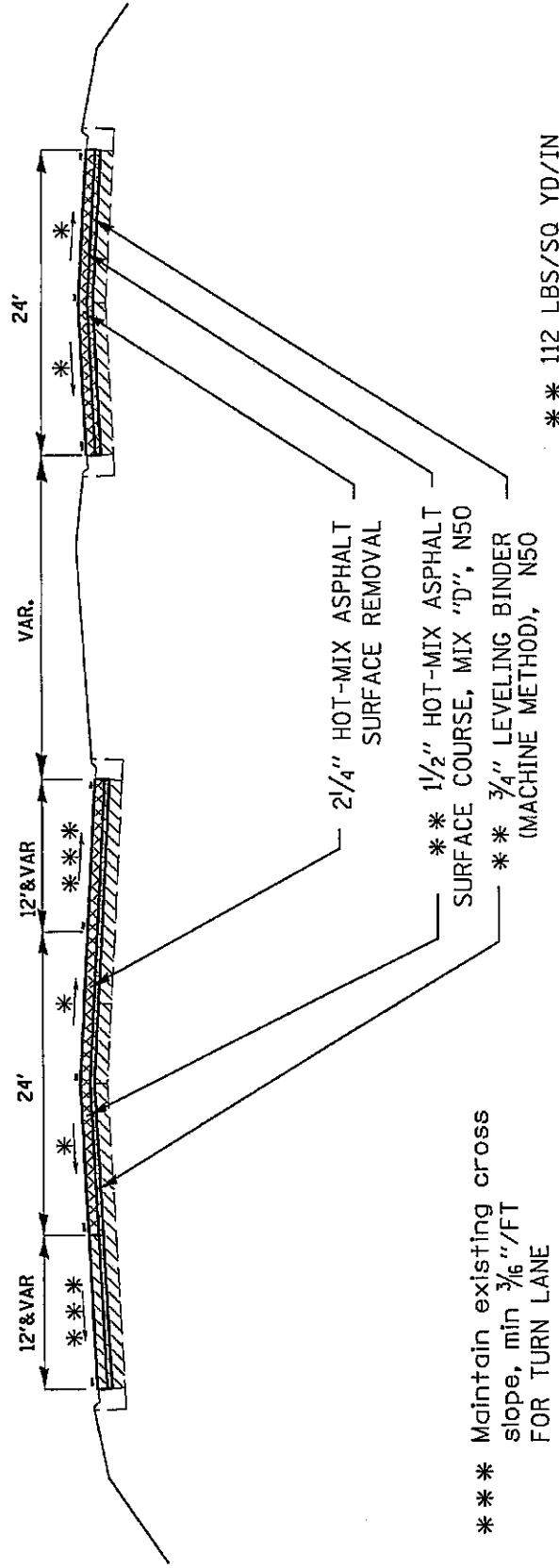
84 Colona Rd\Veget Project Files\2nd Submittal\23RD AVE\hpa\colona.dgn
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

FILE NAME =
 C:\Programs\Rock\Island\64F34 Avenue of the Cities Patching and
 USER NAME = meg11J
 PLOT DATE = Tue Mar 15 10:24:02 2010

TYPICAL SECTION

COLONA RD

STA. 320+38 TO STA. 326+08



*** Maintain existing cross slope, min 3/16"/FT FOR TURN LANE

EXISTING FULL DEPTH HMA PAVEMENT

* Maintain existing cross slope, min 1/8"/FT

*** 112 LBS/SQ YD/IN

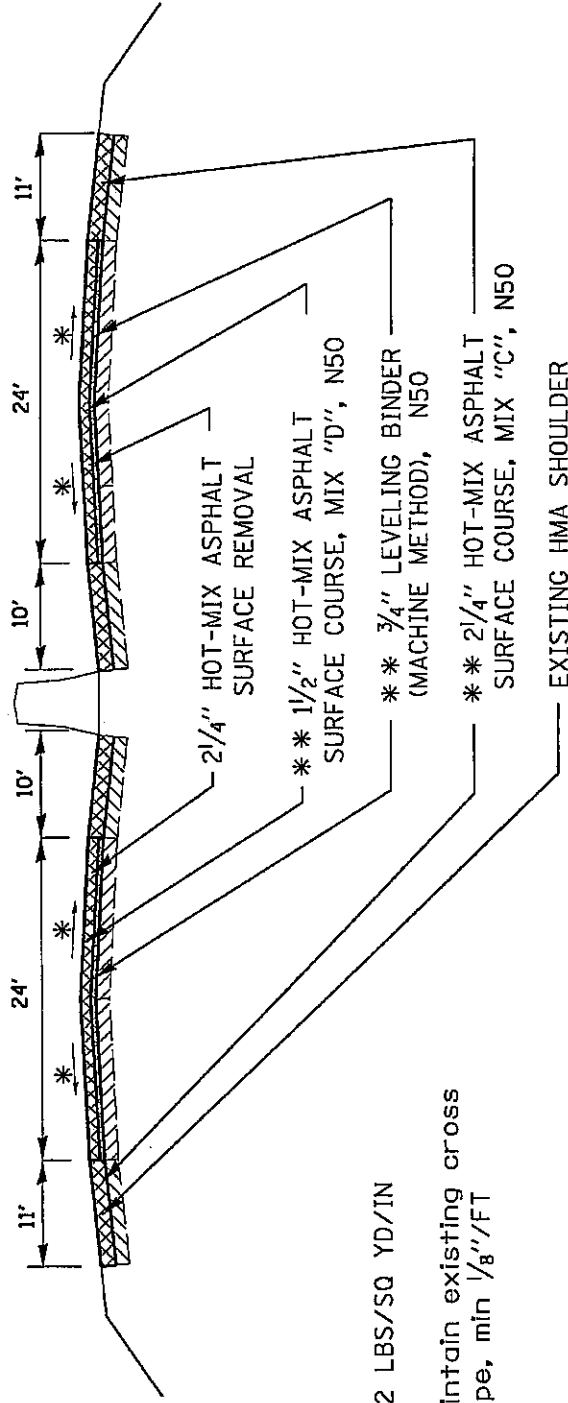
*FAU 5773 (AVENUE OF THE CITIES) FARUL 84& COLONA RD)
 **((112Y-1,183MFT) PATCHING & (13 MFT,18RS

FILE NAME = D:\Projects\Rock_Island\64F34 Avenue of the Cities Patching and P	84 Colona Rd\Meg1 Project Files\2nd Submit\123RD AVE\typical.pne.dgn	SECTION	COUNTY	TOTAL SHEETS
USER NAME = meg11j	STATE OF ILLINOIS	SECTION	ROCK ISLAND	NO.
PLOT DATE = Tue Mar 16 10:21:00 2010	DEPARTMENT OF TRANSPORTATION	SECTION	CONTRACT NO.	51 11
		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	64F34

TYPICAL SECTION

COLONA RD.

- STA 326+08 TO STA 336+88
- STA 345+73 TO STA 365+18
- STA 374+73 TO STA 386+58
- STA 398+08 TO STA 403+58



- ** 112 LBS/SQ YD/IN
- * Maintain existing cross slope, min 1/8"/FT



EXISTING FULL DEPTH HMA PAVEMENT

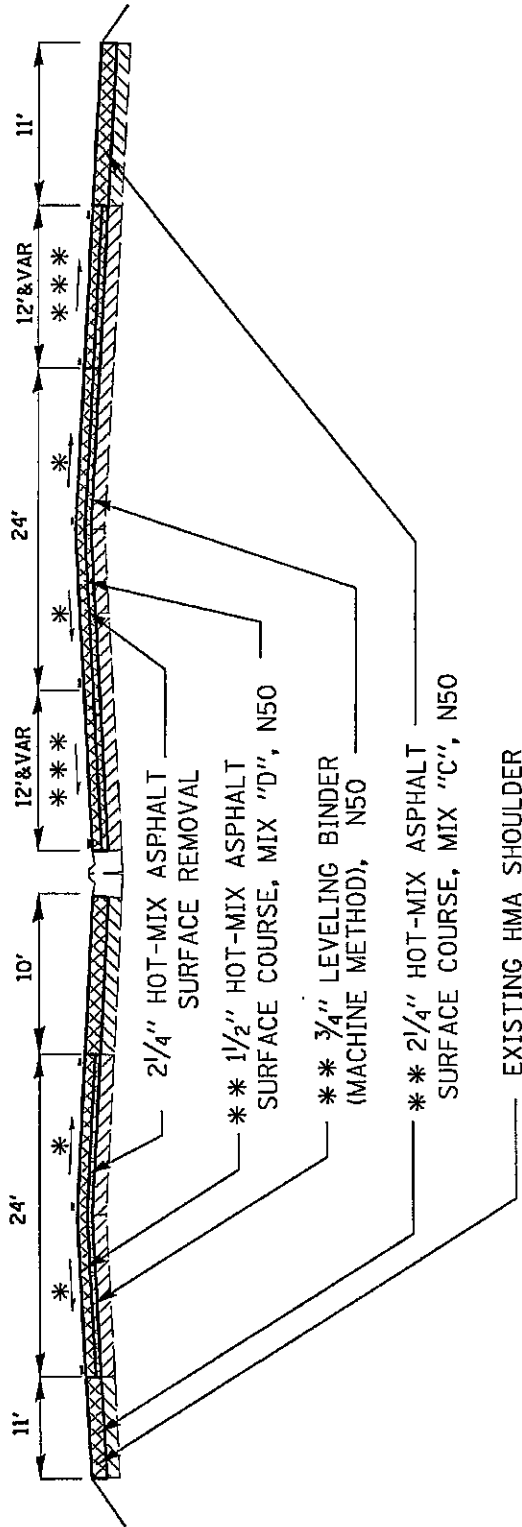
•FAU 5773 (AVENUE OF THE CITIES) FAPIL 84& COLONA RD)
 •(112Y-1,183MFT) PATCHING & (13 MFT,IRRS

FILE NAME = D:\Projects\Rock_Island\84F31 Avenue of the Cities Patching and	Project Files\2nd Submittal\23RD AVE\ypcolona.dgn	F.A. RIE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STATE OF ILLINOIS	DEPARTMENT OF TRANSPORTATION			ROCK ISLAND	51	12
USER NAME = megl1j				CONTRACT NO.	64F34	
PLOT DATE = Tue Mar 16 10:21:15 2010				FED. ROAD DIST. NO. = ILLINOIS	FED. AID PROJECT	

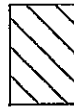
TYPICAL SECTION

COLONA RD

STA. 336+88 TO STA. 341+38



*** Maintain existing cross slope, min 3/16"/FT FOR TURN LANE



EXISTING FULL DEPTH HMA PAVEMENT

* Maintain existing cross slope, min 1/8"/FT

** 112 LBS/SQ YD/IN

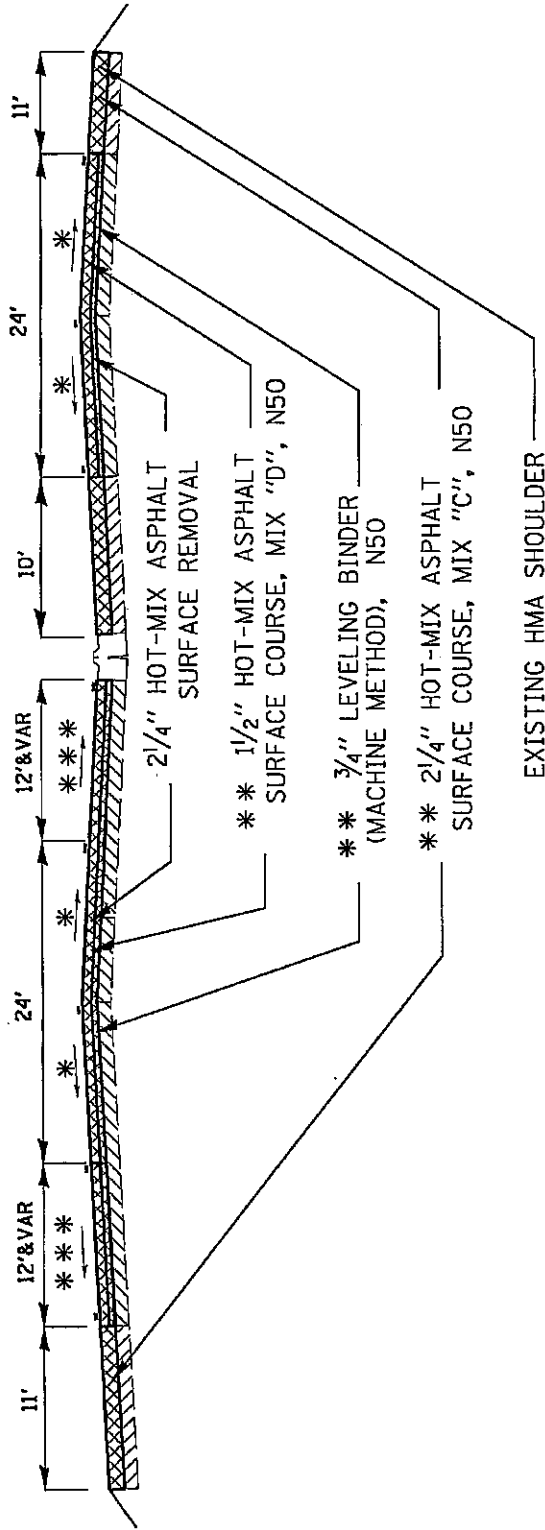
*FAU 5773 (AVENUE OF THE CITIES) FAPIL 84& COLONA RD
 **012Y-1,183(MFT) PATCHING & (13 MFT,IRRS

FILE NAME = D:\P-projects\Rock_Island\84F34 Avenue of the Cities Patching and	84 Colona Rd\Meg1 Project Files\2nd Submit\23RD AVE\tyjcolona.dgn	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
STATE OF ILLINOIS	DEPARTMENT OF TRANSPORTATION			ROCK ISLAND	NO.
USER NAME = meg1lj					51
PLDT DATE = Tue Mar 16 10:21:37 2010					13
					CONTRACT NO. 64F34

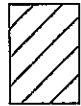
TYPICAL SECTION

COLONA RD

STA. 341+38 TO STA. 345+73



*** 112 LBS/SQ YD/IN



EXISTING FULL DEPTH HMA PAVEMENT

EXISTING HMA SHOULDER

*** Maintain existing cross slope, min 3/16" / FT FOR TURN LANE

* Maintain existing cross slope, min 1/8" / FT

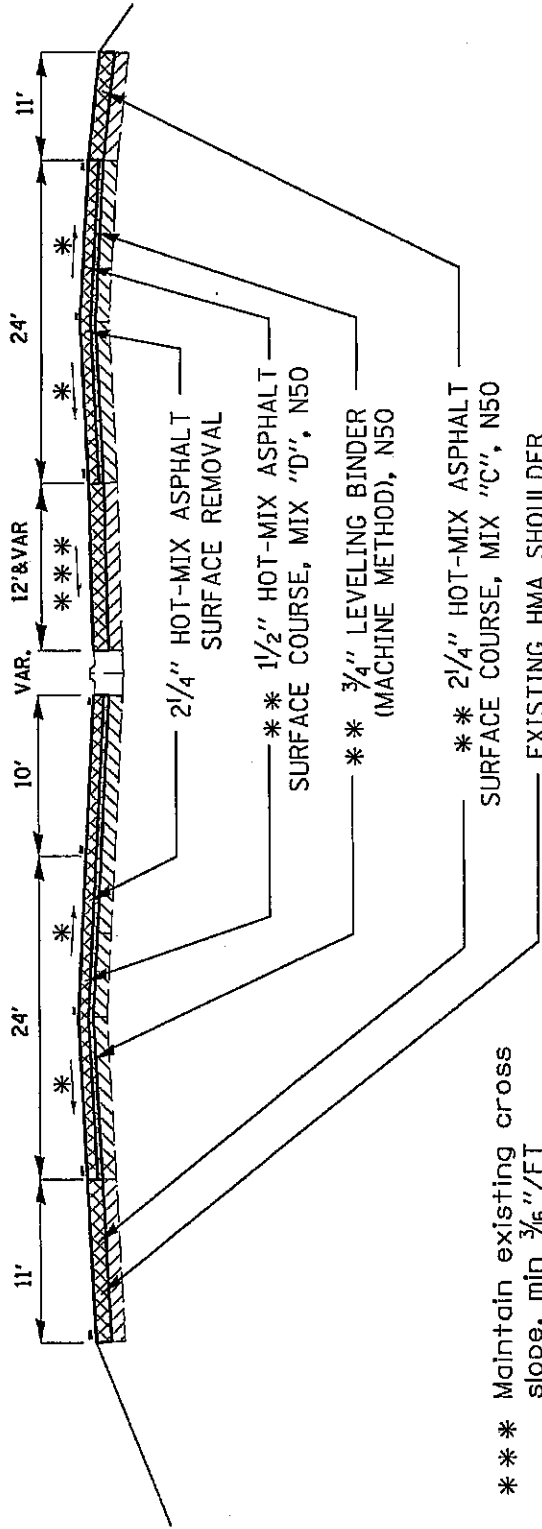
*FAU 5773 (AVENUE OF THE CITIES) FAP(L 84 & COLONA RD)
 **112Y-1,183(MFT) PATCHING & (13 MFT,IRRS

FILE NAME = O:\Projects\Rock_Island\B4F34 Avenue of the Cities Patching and	84 Colona Rd\MegL Project Files\2nd Submittal\23RD AVE\apcolono.dgn	F.A. RTE. *	SECTION **	COUNTY	TOTAL SHEETS
STATE OF ILLINOIS	DEPARTMENT OF TRANSPORTATION	STATE OF ILLINOIS	SECTION **	COUNTY	TOTAL SHEETS
USER NAME = megl1j		STATE OF ILLINOIS	SECTION **	ROCK ISLAND	51
PLOT DATE = Tue Mar 16 10:21:42 2010		STATE OF ILLINOIS	SECTION **	CONTRACT NO.	54F34

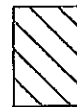
TYPICAL SECTION

COLONA RD

STA. 365+18 TO STA. 370+62
 STA. 386+58 TO STA. 392+23



*** Maintain existing cross slope, min 3/16"/FT FOR TURN LANE



EXISTING FULL DEPTH HMA PAVEMENT

* Maintain existing cross slope, min 1/8"/FT

** 112 LBS/SQ YD/IN

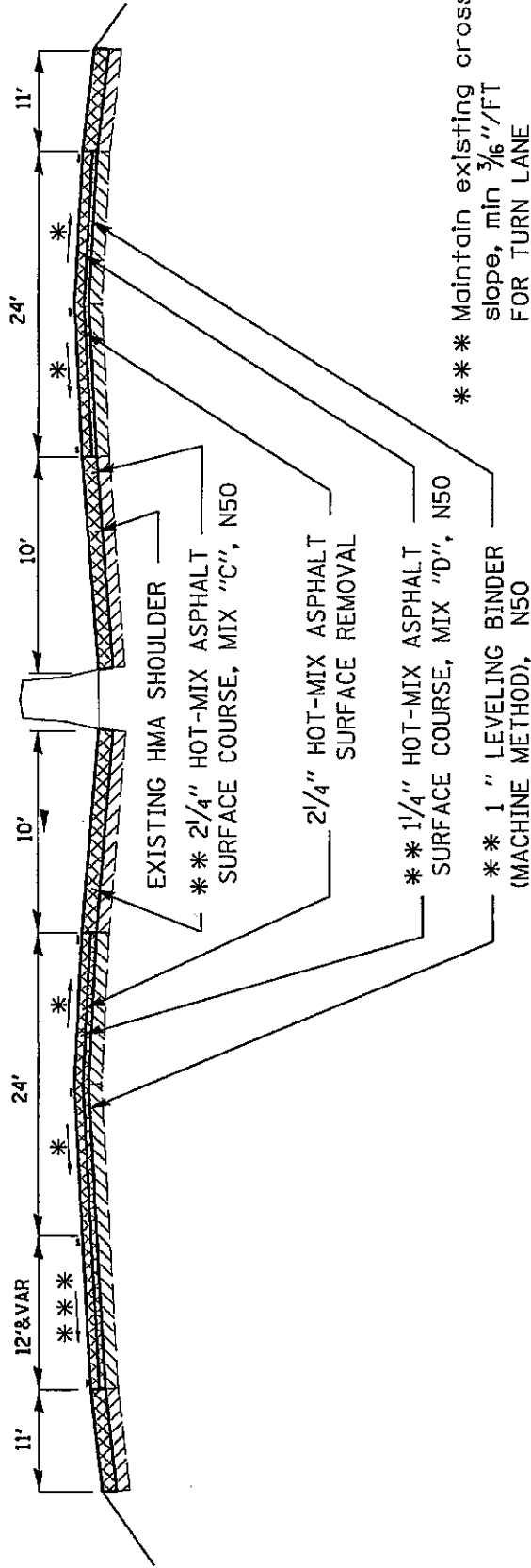
FAU 5773 (AVENUE OF THE CITIES) FAPUL 84& COLONA RD
 ** (112Y-1,163MFT) PATCHING & (13 MFT, IRVRS

FILE NAME = D:\P-projects\Rock_Island\B4F31 Avenue of the Cities Patching and I	84 Colona Rd\Meq1 Project Files\2nd Submittal\23RD AVE\typcolona.dgn	SECTION	COUNTY	TOTAL SHEETS
USER NAME = megl1j	STATE OF ILLINOIS	FAA- RTE.	ROCK ISLAND	SHEET NO.
PLOT DATE = Tue Mar 16 10:21:31 2010	DEPARTMENT OF TRANSPORTATION			51 15
		FED. ROAD DIST. NO. = ILLINOIS	FED. AID PROJECT	CONTRACT NO. 64F34

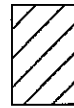
TYPICAL SECTION

COLONA RD

STA. 370+62 TO STA. 374+73
 STA. 392+23 TO STA. 398+08



*** 112 LBS/SQ YD/IN



EXISTING FULL DEPTH HMA PAVEMENT

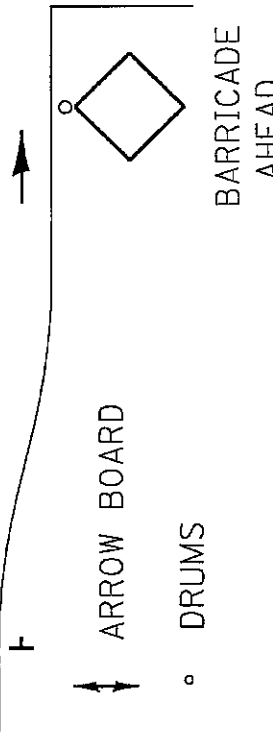
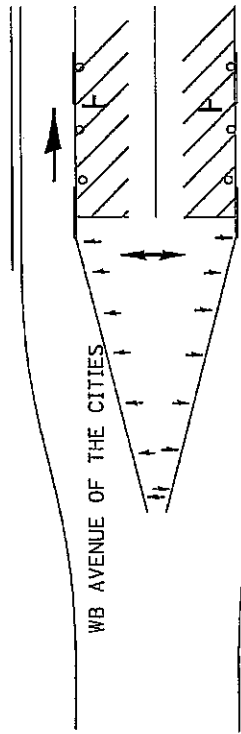
* Maintain existing cross slope, min 1/8"/FT

*** Maintain existing cross slope, min 3/16"/FT FOR TURN LANE

•FAU 5773 (AVENUE OF THE CITIES) FAP(IL 84 & COLONA RD)
 ••(112Y-1,183MFT) PATCHING & (13 MET. IRRS

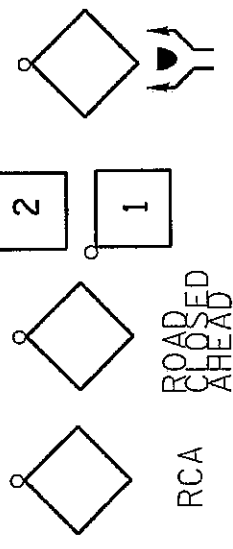
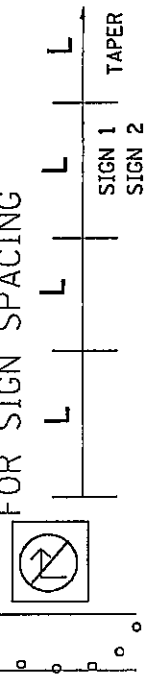
FILE NAME = D:\Projects\Rock_Island\64F34 Avenue of the Cities Patching and	84 Colona Rd\Map11 Project Files\2nd Submittal\23RD AVE\spcolona.dgn	F.A. RTE. *	SECTION **	COUNTY ROCK ISLAND	TOTAL SHEETS NO. 51
STATE OF ILLINOIS	DEPARTMENT OF TRANSPORTATION			CONTRACT NO. 64F34	SHEET NO. 16
USER NAME = meg11J	PLOT DATE = Tue Mar 15 10:21:20 2010	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

TRAFFIC CONTROL FOR ROAD CLOSURE FROM WB AVENUE OF THE CITIES TO NB 19TH STREET



1 RIGHT LANE MUST TURN RIGHT (RIGHT SIDE)
 2 LEFT LANE MUST TURN LEFT (LEFT SIDE)

SEE STANDARD 701606 FOR SIGN SPACING

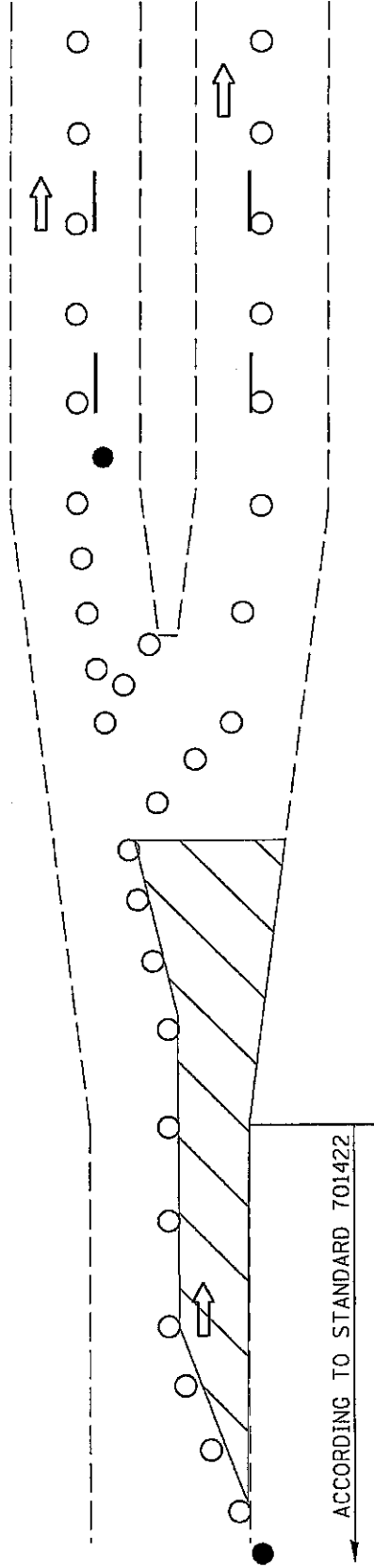


•FAP 308 (IL 92)
 •(5,6,7)RS

FILE NAME = G:\P-jects\Rock_Island\64F34 Avenue of the Cities Patching and	Rock Island Project Files\2nd Submit\123RD AVE\typo\lona.dgn	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
USER NAME = megl1j	STATE OF ILLINOIS			ROCK ISLAND	NO.
PLDT DATE = Tue Mar 16 10:21:47 2010	DEPARTMENT OF TRANSPORTATION				51
					JT
					CONTRACT NO. 64003

TRAFFIC CONTROL DETAIL

EASTBOUND AVENUE OF THE CITIES TO NB 19TH STREET



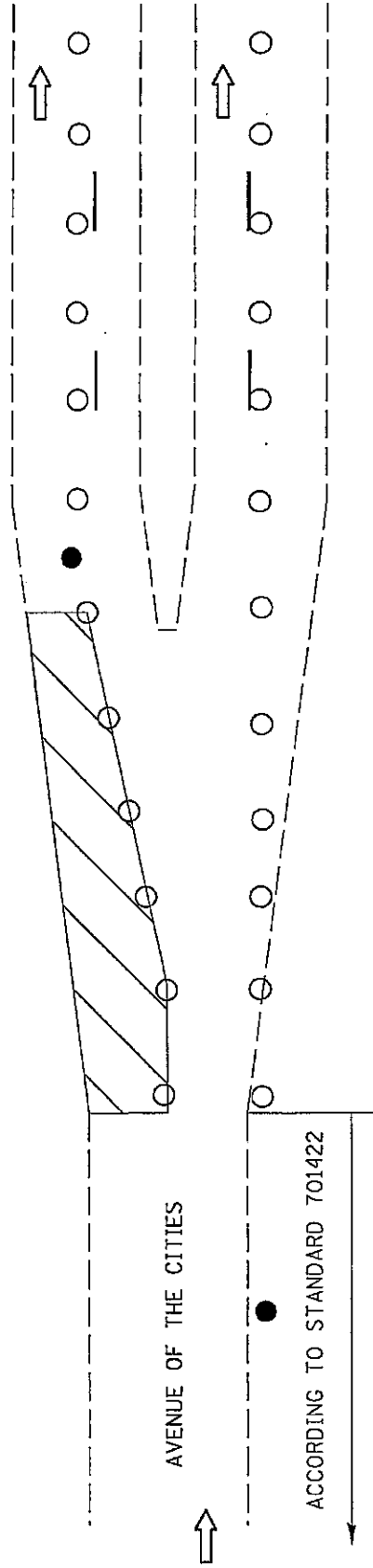
ACCORDING TO STANDARD 701422

- Flagger with traffic control sign
- Cone, barricade or drum

FILE NAME = O:\Projects\Rock_Island\44F34 Avenue of the Cities Patching and IL 84 Colons Rd	USER NAME = megilj the Cities Patching and IL 84 Colons Rd	Mag: Proj: 44F34 Ave of the Cities Patching and IL 84 Colons Rd Submittal 23RD AVE\pccolona.dgn	F.A.P. RTE. 308	SECTION 112Y-1, 183MFT PATCHING	COUNTY ROCK ISLAND	TOTAL SHEETS 51	SHEET NO. 18
DEPARTMENT OF TRANSPORTATION			FED. ROAD DIST. NO. ILLINOIS		CONTRACT NO. 64E34		
PLOT DATE : Tue Mar 16 10:21:54 2010			AID PROJECT				

TRAFFIC CONTROL DETAIL

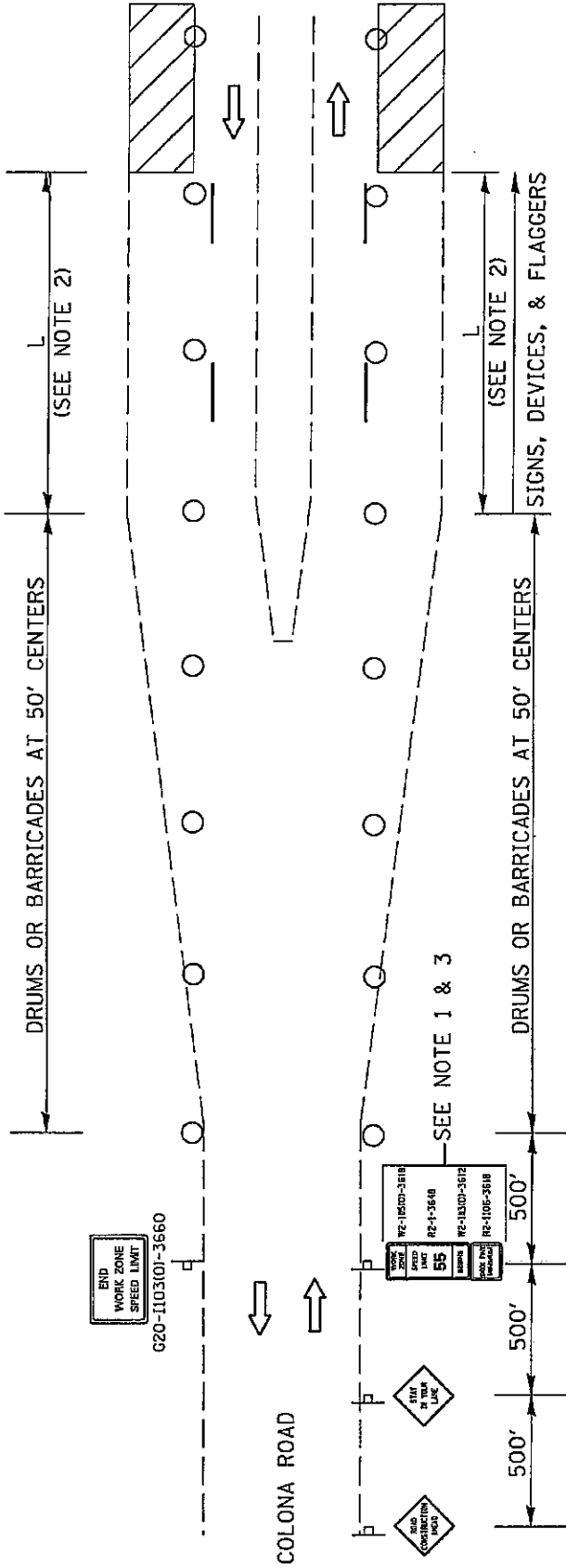
EASTBOUND AVENUE OF THE CITIES TO NB 19TH STREET



- Flagger with traffic control sign
- Cone, barricade or drum

FILE NAME = D:\Projects\Rock_Island\64F34 Avenue of the Cities Patching and IL 84 Colona Rd	USER NAME = meglj the Cities Patching and IL 84 Colona Rd	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	Submital\23RD AVE\64F34.dgn	F.A.P. RLE. 308	SECTION 112Y-1, 183MFT PATCHING	COUNTY ROCK ISLAND	TOTAL SHEETS 51	SHEET NO. 19
PLOT DATE = Tue Mar 16 10:22:01 2010			FED. ROAD DIST. NO. = ILLINOIS FED. AID PROJECT		CONTRACT NO. 64F34			

TRAFFIC CONTROL DETAIL



GENERAL NOTES

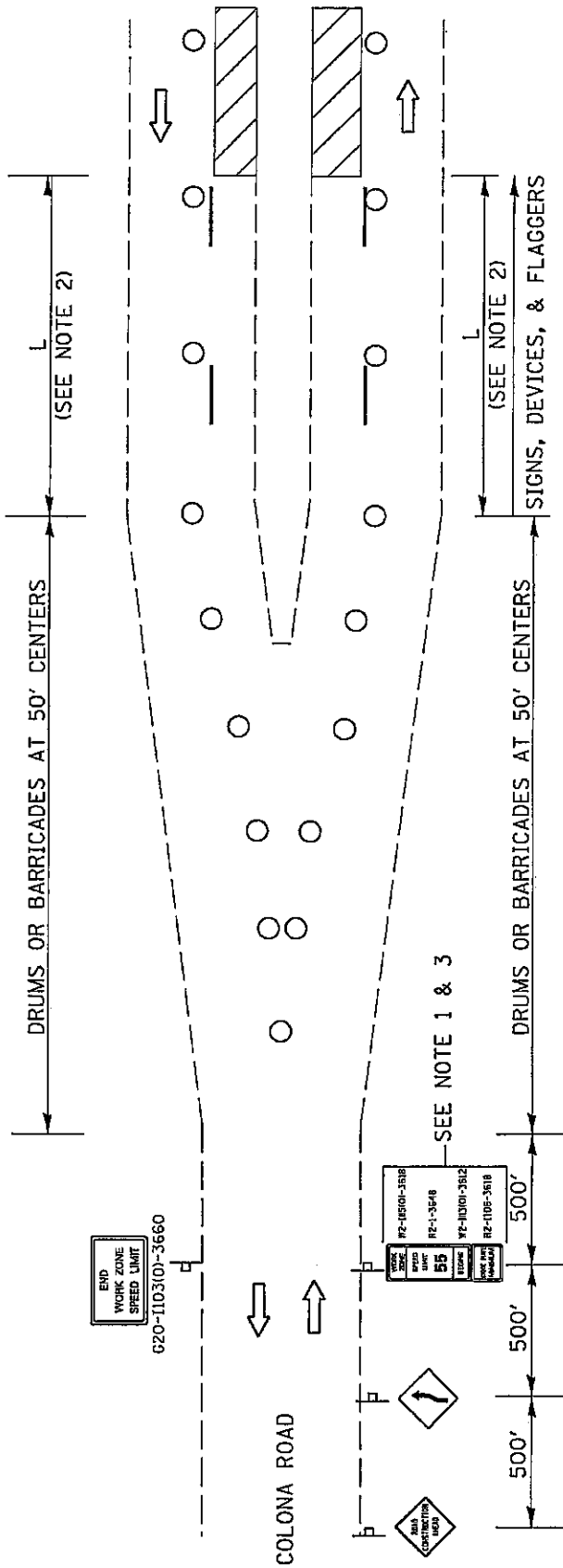
THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD.

1. IF APPLICABLE, USE SPEED LIMIT AS SHOWN ON APPLICABLE TRAFFIC CONTROL AND PROTECTION STANDARDS.
2. IF THE WORK IS WITHIN 2500 FEET OF THE TRANSITION WHEN SPEED IS >40 MPH, OR 1500 FEET FOR ALL OTHER SPEEDS, THIS DETAIL SHALL BE USED.
3. WORK ZONE SPEED LIMIT 55 BEGINS SHALL BE REPLACED WITH WORK ZONE SPEED LIMIT 45 BEGINS WHERE WORKERS ARE WITHIN 500 FEET OF THE TRANSITION.

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

FILE NAME =	USER NAME = megluj	PROJECT NO. = 020-1103(01)-3660	DATE SUBMITTED =	DATE OF TRANSPORTATION =	F.A.P. RTE. = 595	SECTION = (5,6,7)RS	COUNTY = ROCK ISLAND	TOTAL SHEETS = 51	SHEET NO. = 19A
G:\Projects\Rock_Island\64F34 Avenue of the Cities Patching and Il. 84 Colons Rd\Mejl Project File\020-1103(01)-3660\submittal\typocontrol.dgn			DEPARTMENT OF TRANSPORTATION		ILLINOIS		CONTRACT NO. 64F34		
PLOT DATE = Fri, Mar 19 09:22:51 2010			FED. ROAD DIST. NO. =						

TRAFFIC CONTROL DETAIL



DRUMS OR BARRICADES AT 50' CENTERS

DRUMS OR BARRICADES AT 50' CENTERS

SIGNS, DEVICES, & FLAGGERS ACCORDING TO APPLICABLE TRAFFIC CONTROL STANDARDS

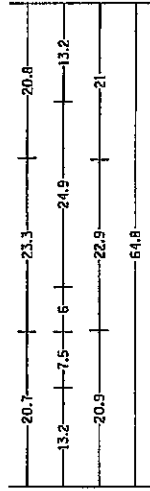
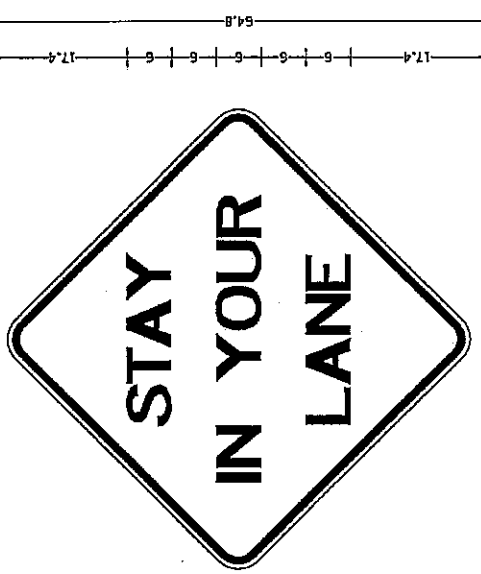
GENERAL NOTES

1. IF APPLICABLE, USE SPEED LIMIT AS SHOWN ON APPLICABLE TRAFFIC CONTROL AND PROTECTION STANDARD.
 2. IF THE WORK IS WITHIN 2500 FEET OF THE TRANSITION WHEN SPEED IS >40 MPH, OR 1500 FEET FOR ALL OTHER SPEEDS, THIS DETAIL SHALL BE USED.
 3. WORK ZONE SPEED LIMIT 55 BEGINS SHALL BE REPLACED WITH WORK ZONE SPEED LIMIT 45 BEGINS WHERE WORKERS ARE WITHIN 500 FEET OF THE TRANSITION.
- THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

- ⊥ Sign
- Flagger with traffic control sign
- Cone, barricade or drum

FILE NAME =	USER NAME = meglitj	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D:\P-projects\Rock_Island\64F34 Avenue of the Cities Patching and IL 84 Colona Rd\Wegli Project\64F34\64F34.dgn	the Cities Patching and IL 84 Colona Rd\Wegli Project\64F34\64F34.dgn	595	(13)MET-18)RS	ROCK ISLAND	51	198
DEPARTMENT OF TRANSPORTATION		FED. ROAD DIST. NO. - ILLINOIS		CONTRACT NO. 64F34		
PLOT DATE = Fri, Mar 19 09:22:57 2010						

TRAFFIC CONTROL DETAILS



48.0" across sides 3.8" Radius, 1.0" Border, 0.5" Indent, Black on Orange
 "STAY" E Mod; "IN YOUR" E Mod; "LANE" E Mod;
 Table of letter and object lefts.

S	J	A	Y		
20.7	26.8	31.5	38.0		
L	N	Y	O	U	R
13.2	15.9	26.7	33.9	40.5	46.8
L	A	N	E		
20.9	23.8	33.1	39.4		

FILE NAME = D:\Projects\Rock_Island\64F34 Avenue of the Citrus Patching and IL 84 Colono Road Megi Project\Submittal\bycolons.dgn	USER NAME = megl11j	F.A.P. RTE. 595	SECTION 112Y-1, 183MFT PATCHING	COUNTY ROCK ISLAND	TOTAL SHEETS 51	SHEET NO. 192
PLOT DATE = Fri, Mar 19 09:22:34 2010		FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT CONTRACT NO. 64E34				

HOT-MIX ASPHALT SCHEDULE

Location	Remarks	Length	Proposed Pavement Surface		Proposed Shoulder Surface		HMA Surf Rem 2.25" Sq Yd	Bit Materials Prime Coat (2 Applications) Ton	Agg Prime Coat Ton	Short Term Pavt Marking Foot	70301000 Work Zone Pavement Marking Removal Sq Ft	40600625 Level Blinder Machine Method NS50 Ton	40600310 HMA Surf Cse, Mix "C" NS50 Ton	40603335 HMA Surf Cse, Mix "D" NS50 Ton
			Width	Sq Yd	Width	Sq Yd								
WB IL 84 & Colona Road														
Sta 403 + 58 - 398 + 8		550	24	1467	21	1283	2750	1.21	2.2	165.0	18.3	82.1	171.0	128.2
Sta 398 + 8 - 395 + 93	var. width	215	30	717	21	502	1218	0.55	1.1	84.5	7.2	40.1	66.9	60.2
Sta 395 + 93 - 391 + 58	rt turn in	435	36	1740	21	1015	2755	1.29	2.6	130.5	14.5	67.4	135.3	146.2
Sta 391 + 58 - 374 + 73		1685	24	4493	21	3932	8425	3.89	6.7	605.5	56.2	251.6	524.0	377.4
Sta 374 + 73 - 372 + 93	var. width	180	30	600	21	420	1020	0.46	0.9	54.0	6.0	33.6	56.0	50.4
Sta 372 + 93 - 369 + 58	rt turn in	335	36	1340	21	782	2122	1.340	2.0	100.5	11.2	75.0	104.2	112.6
Sta 369 + 58 - 345 + 73		2385	24	6360	21	5565	11925	5.23	9.5	715.5	79.5	356.2	741.7	534.2
Sta 345 + 73 - 344 + 8	var. width	165	36	660	21	385	1045	0.49	1.0	49.5	5.5	37.0	51.3	55.4
Sta 344 + 8 - 340 + 38	lt & rt turn ins	370	48	1973	11	452	2428	1.26	3.0	111.0	12.3	110.5	60.3	165.8
Sta 340 + 38 - 326 + 8		1430	24	3813	21	3337	7150	3.14	5.7	429.0	47.7	213.5	444.7	320.3
Sta 326 + 8 - 324 + 18	var. width	190	36	760	21	443	1203	0.56	1.1	57.0	6.3	42.6	59.1	63.8
Sta 324 + 18 - 320 + 38	lt & rt turn ins	380	48	2027	2027	2027	2027	1.16	3.0	114.0	12.7	113.5	0.0	170.2
Sta 320 + 38 - 319 + 66	IL 5 omission	72		0			0							
Sta 319 + 66 - 314 + 66		500	24	1333			1333	0.76	2.0	150.0	16.7	74.7	0.0	112.0
EB IL 84 & Colona Road														
Sta 315 + 0 - 319 + 66	lt & rt turn ins	466	48	2485			2485	1.42	3.7	139.8	15.5	139.2	0.0	206.8
Sta 319 + 66 - 320 + 38	IL 5 omission	72		0										
Sta 320 + 38 - 323 + 93		355	24	947			947	0.84	1.4	106.5	11.8	53.0	0.0	79.5
Sta 323 + 93 - 336 + 88		1295	24	3453	21	3022	6475	2.84	5.2	388.5	43.2	193.4	402.7	290.1
Sta 336 + 88 - 338 + 73	var. width	185	36	740	21	432	1172	0.55	1.1	55.5	6.2	41.4	57.5	62.2
Sta 338 + 73 - 342 + 20	lt & rt turn ins	347	48	1851	11	424	2275	1.18	2.8	104.1	11.6	103.6	56.5	155.5
Sta 342 + 20 - 365 + 18		2298	24	6128	21	5362	11490	5.04	9.2	689.4	76.6	343.2	714.6	514.8
Sta 365 + 18 - 367 + 3	var. width	185	30	617	21	432	1048	0.48	0.9	55.5	6.2	34.5	57.5	51.8
Sta 367 + 3 - 370 + 68	lt turn in	365	36	1460	11	446	1906	0.96	2.2	109.5	12.2	81.8	89.5	122.6
Sta 370 + 68 - 371 + 68	lt turn/inter.	100	48	533	11	122	658	0.34	0.8	30.0	3.3	29.9	16.3	44.8
Sta 371 + 68 - 386 + 58		1490	24	3973	21	3477	7450	3.27	6.0	447.0	49.7	222.5	463.4	333.8
Sta 386 + 58 - 388 + 93	var. width	235	30	783	21	548	1332	0.60	1.2	70.5	7.6	43.9	73.1	65.8
Sta 388 + 93 - 392 + 88	lt turn in	395	36	1580	11	483	2063	1.04	2.4	118.5	13.2	88.5	64.3	132.7
Sta 392 + 88 - 403 + 58		1070	24	2853	21	2497	5350	2.35	4.3	321.0	35.7	159.8	332.8	239.7
NB/SB IL 84														
Sta 0 + 0 - 2 + 7	var. width	207	31.5	725	12	276	1001	0.49	1.1	62.1	6.9	40.6	36.8	60.9
Sta 2 + 7 - 3 + 9	var. width	102	38	431	12	136	567	0.29	0.6	30.6	3.4	24.1	18.1	36.2
Sta 3 + 9 - 4 + 28	var. width	179	67	1150	12	159	1309	0.70	1.7	35.7	4.0	64.4	21.1	96.6
IL 5 Turn Lanes														
Sta 0 + 0 - 4 + 0	NB rt turn in	400	12	533			533	0.31	0.8	120.0	13.3	29.9	0.0	44.8
Sta 4 + 0 - 5 + 0	SE return	100	20	222			222	0.13	0.3	30.0	3.3	12.4	0.0	18.7
Sta 0 + 0 - 0 + 75	NE return	75	20	167			167	0.10	0.3	22.5	2.5	9.3	0.0	14.0
Sta 0 + 0 - 4 + 0	NB lt turn in	400	12	533			533	0.31	0.8	120.0	13.3	29.9	0.0	44.8
Sta 4 + 0 - 5 + 75	Intersection	175	24	467			467	0.27	0.7	52.5	5.8	26.1	0.0	39.2
Sta 5 + 75 - 7 + 0	SB lt turn in	125	12	167			167	0.10	0.3	37.5	4.2	9.3	0.0	14.0
Sta 0 + 0 - 1 + 50	SB rt turn in	150	20	333			333	0.19	0.5	45.0	5.0	18.7	0.0	28.0
Sta 0 + 0 - 0 + 50	SW return	50	20	111			111	0.06	0.2	15.0	1.7	6.2	0.0	9.3
EB Avenue of the Cities														
Sta 171 + 81 - 173 + 88	lt turn in	207	13	299			299	0.17	0.4	62.1	6.9	16.7	0.0	25.1
PAGE 1 - TOTAL		19,860.0		59825		35930.1	95755.3	44.5	89.7	5914.8	657.2	3350.2	4788.8	5025.3

CLASS B PATCHING EAST BOUND LANES

STATION	REMARKS	LENGTH OF PATCH		44200966		44200970		44200974		44200976		44213200	Z0017100	Z0075300	44213100
		INSIDE LN (LT LN) (feet)	OUTSIDE LN (RT LN) (feet)	TYPE 1 INSIDE 4' WIDENING (ydf)	TYPE 2 INSIDE LANE (ydf)	TYPE 2 OUTSIDE LANE (ydf)	TYPE 3 INSIDE LANE (ydf)	TYPE 3 OUTSIDE LANE (ydf)	TYPE 4 INSIDE LANE (ydf)	TYPE 4 OUTSIDE LANE (ydf)	SAW CUTS (3W+2L) (feet)				
187 + 21	4' WIDENING ONLY	6		2.7								18	4		
187 + 27	4' WIDENING ONLY	8	15	2.7	8.9		16.7					75	32		16.7
189 + 84	4' WIDENING ONLY	6		2.7								18	4		
190 + 30	4' WIDENING ONLY	6		2.7								18	4		
190 + 89	4' WIDENING ONLY	6		2.7								18	4		
191 + 28	4' WIDENING ONLY	6		2.7								18	4		
191 + 76	4' WIDENING ONLY	9	6	2.7	10.0	6.7						69	32		
192 + 48	4' WIDENING ONLY	6		2.7								18	4		
192 + 80	4' WIDENING ONLY	6		2.7								18	4		
193 + 25		9			10.0							39	16		
193 + 72		6	6		6.7	6.7						66	32		
194 + 63		9	28		10.0		31.1					88	32	13	31.1
199 + 47	4' WIDENING ONLY	30			13.3							42	6	14	
201 + 2	4' WIDENING ONLY	6		2.7								18	4		
201 + 49	5' WIDE LT TURN LN	25	25	3.3								85	32	12	55.6
202 + 40	1'-5' WIDE RT TURN LN	6	98									21	6	48	32.7
202 + 80		6	6			6.7						36	16		
202 + 94	LT TURN LN & LT LN	7	6		7.8	6.7						67	32		
203 + 47		6	6		6.7	6.7						66	32		
204 + 88	16' WIDE LT TURN LN	6			10.7							54	28		
205 + 78	16' WIDE LT TURN LN	6	10		10.7	11.1						54	28		
206 + 20		6			6.7							70	32		
207 + 20		12			13.3							42	16		
208 + 57		20	20				22.2					80	32	9	44.4
208 + 27	4' WIDENING ONLY	10		4.4								22	4		
210 + 34	4' WIDENING ONLY	6		2.7								18	4		
212 + 60	4' WIDENING ONLY	6		2.7								18	4		
212 + 81		6	6		6.7	6.7						66	32		
213 + 4	4' WIDENING ONLY	6		2.7								18	4		
213 + 23	4' WIDENING ONLY	6		2.7								18	4		
213 + 97	4' WIDENING ONLY	6		2.7								18	4		
214 + 41	4' WIDENING ONLY	6		2.7								18	4		
214 + 66	4' WIDENING LT PLUS RT	7	6	3.1		6.7						67	20		
215 + 38		9	6		10.0	6.7						69	32		
216 + 30	4' WIDENING ONLY	6		2.7								18	4		
217 + 00		9	6		10.0	6.7						69	32		
218 + 18	4' WIDENING ONLY	12			5.3							24	4		
219 + 31	4' WIDENING ONLY	6		2.7								18	4		
222 + 40	4' WIDENING ONLY	6		2.7								18	4		
225 + 85		6	6		6.7	6.7						66	32		
225 + 85	16' WIDE LT TURN LN	6			10.7							54	28		
228 + 2	MEDIAN RETURN	6	6		6.7							36	16		

CLASS B PATCHING EAST BOUND LANES

STATION	REMARKS	LENGTH OF PATCH		44200966		44200970		44200974		44200976		44213200	Z0017100	Z0075300	44213100	
		INSIDE LN (LT LN) (feet)	OUTSIDE LN (RT LN) (feet)	TYPE 1 INSIDE 4' WIDENING (yd ²)	TYPE 2 INSIDE LANE (yd ²)	TYPE 2 OUTSIDE LANE (yd ²)	TYPE 3 INSIDE LANE (yd ²)	TYPE 3 OUTSIDE LANE (yd ²)	TYPE 4 INSIDE LANE (yd ²)	TYPE 4 OUTSIDE LANE (yd ²)	SAW CUTS (3W*7L) (feet)					DOWEL BARS (each)
228 + 15	LI RETURN	21										51	18	10	23.3	
230 + 72	4' WIDENING ONLY	6		2.7		6.7						69	32			
231 + 86		9			10.0							80	32	9	37.8	
232 + 7		20				15.6						39	16			
233 + 60		9			10.0							20	4			
234 + 48	4' WIDENING ONLY	8		3.6								72	16	20	46.7	
235 + 23		9			10.0	6.7						69	32			
235 + 46		12			13.3							42	16			
235 + 62		6			6.7							66	32			
236 + 24		6			6.7							66	32			
236 + 44	LT TURN LN & LT LN	6			6.7							66	32			
236 + 97		6			6.7							66	32			
236 + 97	LT TURN LN	8			8.9							38	16			
237 + 44		6			6.7							66	32			
237 + 44	LT & RT TURN LNS	8			8.9	8.9						68	32			
237 + 72		8			8.9							38	16			
238 + 42	16' WIDE LT TURN LN	6			10.7							54	28			
238 + 75	RT TURN LN	6			6.7							66	32			
239 + 35		6			6.7	8.9						66	32			
239 + 35	RT TURN LN	8			10.7							38	16			
239 + 46	16' WIDE LT TURN LN	6			6.7							54	28			
240 + 11		6			6.7							36	16			
240 + 68	4' WIDENING ONLY	6		2.7								18	4			
241 + 36	4' WIDENING ONLY	14			6.2							26	4			
242 + 22		9			10.0	6.7						69	32			
243 + 85	4' WIDENING ONLY	6		2.7								18	4			
244 + 54		9			10.0	6.7						69	32			
245 + 97	5' WIDENING ON RT	35				19.4						50	9	17	19.4	
247 + 64		6			6.7	6.7						66	32			
EAST BOUND LANES																
		Subtotal		67.8	334.9	171.1		67.8	73.9		27.8	138.2				
		Total		67.8	506.0			141.7		166.0		3,310	1,300	152		307.7

CLASS B PATCHING EAST BOUND LANES

STATION	REMARKS	12 FEET LANE WIDTH		44200970		44200974		44200976		44213200	Z0017100	Z0075300	44213100
		LENGTH OF PATCH INSIDE LN (LT LN) (feet)	LENGTH OF PATCH OUTSIDE LN (RT LN) (feet)	TYPE 2		TYPE 3		TYPE 4					
EAST BOUND LANES													
176 + 99		11		14.7									
177 + 29		15	7		9.3	20.0				69	20		
177 + 44			6		8.0					131	40		20.0
177 + 71		8	6	10.7	8.0					54	20		
177 + 86			6		8.0					108	40		
177 + 98		10		13.3						54	20		
178 + 10			6		8.0					66	20		
178 + 36		22								54	20		
178 + 41			20							102	20	10	29.3
178 + 68		32	6		8.0				29.3	96	20	9	26.7
178 + 88		9	20	12.0	8.0				42.7	180	40	15	42.7
179 + 30		6	6		8.0					54	20		
179 + 92		6	10	8.0	13.3					150	40	9	26.7
180 + 77		6	6	8.0						102	40		
181 + 8		6	36							114	40		
181 + 19										54	20		
182 + 4		6	6	8.0	8.0				48.0	144	20	17	48.0
182 + 88		6	6	8.0	8.0					102	40		
183 + 78		12				16.0				102	40		16.0
249 + 13		8	6	10.7	8.0					72	20		
249 + 49			10		13.3					108	40		
251 + 51		6	6	8.0	8.0					66	20		
252 + 11		6	6	8.0	8.0					102	40		
252 + 99		8		10.7						54	20		
254 + 11		6	6	8.0	8.0					60	20		
255 + 7		20	8		10.7			26.7		102	40	9	26.7
255 + 59			8		10.7					148	40		
255 + 86			8		10.7					60	20		
258 + 6		16				21.3				60	20		
258 + 69		6		8.0						84	20		21.3
259 + 35			8		10.7					54	20		
266 + 12			6		8.0					54	20		
266 + 91			12			16.0				72	20		16.0
267 + 28		6	6		8.0					54	20		
267 + 60		6		8.0						54	20		
268 + 00		6		8.0						54	20		
	269+97 = 278+26												
281 + 30			12			16.0				72	20		16.0
281 + 64		14			18.7					78	20		18.7
282 + 70			6		8.0					54	20		
284 + 16		15	15			20.0				147	40		40.0
286 + 7			10		13.3					66	20		

CLASS B PATCHING EAST BOUND LANES

STATION	REMARKS	LENGTH OF PATCH		44200970 TYPE 2		44200974 TYPE 3		44200976 TYPE 4		44213200 SAW CUTS (8W*7L) (feet)	Z0017100 DOWEL BARS (each)	Z0075300 TIE BARS (each)	44213100 PAVEMENT FABRIC (yd ²)
		INSIDE LN (LT LN) (feet)	OUTSIDE LN (RT LN) (feet)	INSIDE LANE (yd ²)	OUTSIDE LANE (yd ²)	INSIDE LANE (yd ²)	OUTSIDE LANE (yd ²)	INSIDE LANE (yd ²)	OUTSIDE LANE (yd ²)				
290 + 00		25						33.3		111	20	12	33.3
290 + 95		20						26.7		96	20	9	26.7
292 + 45		8	45	10.7				60.0		223	40	22	60.0
293 + 00		35	25					33.3	46.7	227	40	17	80.0
293 + 25		8			10.7						60	20	
293 + 30		6		8.0						54	20		
293 + 57		75	75					100.0		447	40	37	200.0
294 + 48		6		8.0					26.7	54	20		
295 + 42		20								96	20	9	26.7
296 + 33		6		8.0						122	40		
297 + 93		10	10	13.3	13.3			26.7		96	20	9	26.7
298 + 30		20			10.7					60	20		
302 + 90		6	6	8.0	8.0					102	40		
305 + 7		6	6	8.0	8.0					54	20		
306 + 26		6	6	8.0	8.0					102	40		
306 + 79		10		13.3						66	20		
306 + 91								40.0		126	20	14	40.0
307 + 84		6	6	8.0	8.0					102	40		
308 + 90		6	30	8.0	8.0			40.0		174	40	14	40.0
309 + 91		6	6	8.0	8.0					102	40		
310 + 42		6	6	8.0	8.0					102	40		
310 + 77		15			20.0					81	20		20.0
310 + 86		6	6	8.0	8.0					102	40		
311 + 27		25	25					33.3		197	40	12	66.7
311 + 73		6	6	8.0	8.0					102	40		
312 + 59		6	6	8.0	8.0					54	20		
313 + 82		6	6	8.0	8.0					102	40		
317 + 34		6	6	8.0	8.0					102	40		
EAST BOUND LANES		Subtotal		309.3	326.7	96.0	72.0	305.3	494.7	6,841	1,960	224	968.0
		Total		636.0		168.0		800.0		1,960		224	

CLASS B PATCHING

1 to WB AVENUE OF THE

STATION	REMARKS	LENGTH OF PATCH		44200970 TYPE 2		44200974 TYPE 3		44200976 TYPE 4		44213200 SAW CUTS (3W+7L) (feet)	Z0017100 DOWEL BARS (each)	Z0075300 TIE BARS (each)	44213100 PAVEMENT FABRIC (yd ²)
		INSIDE LN (LT LN) (feet)	OUTSIDE LN (RT LN) (feet)	INSIDE LANE (yd ²)	OUTSIDE LANE (yd ²)	INSIDE LANE (yd ²)	OUTSIDE LANE (yd ²)	INSIDE LANE (yd ²)	OUTSIDE LANE (yd ²)				
+ 40	SB TO WB LANES												
+ 55		6			8.0					48	20		
9 + 43		6			8.0					48	20		
11 + 40		8		10.7	8.0					94	40		
12 + 40		6		8.0	8.0					48	20		
18 + 7		6		8.0	8.0					90	40		
18 + 40		6		8.0	8.0					90	40		
19 + 13		6		8.0	8.0					48	20		
20 + 00		6		8.0	8.0					48	20		
20 + 36		50						66.7		136	20	24	66.7
21 + 4		6		8.0	8.0					48	20		
21 + 33		6		8.0	8.0					90	40		
21 + 60		6		8.0	8.0					90	40		
21 + 85		6		8.0	8.0					48	20		
22 + 00		6		8.0	8.0					48	20		
22 + 34		6		8.0	8.0					48	20		
22 + 90		6		8.0	8.0					48	20		
23 + 30		6		8.0	8.0					90	40		
23 + 50		6		8.0	8.0					90	40		
24 + 40		12					16.0			60	20		16.0
25 + 30		6		8.0	8.0					90	40		
25 + 50		6		8.0	8.0					90	40		
+ 00													
+ 00													
SB TO WB LANES				106.7	128.0		16.0	66.7		1,538	620	24	82.7
		Subtotal											
		Total		234.7		16.0	66.7						

CLASS B PATCHING WEST BOUND LANES

STATION	REMARKS	LENGTH OF PATCH		44200970		44200974		44200976		44213200	Z0017100	Z0075300	44213100
		INSIDE LN (LT LN) (feet)	OUTSIDE LN (RT LN) (feet)	INSIDE LANE (yd ²)	OUTSIDE LANE (yd ²)	INSIDE LANE (yd ²)	OUTSIDE LANE (yd ²)	INSIDE LANE (yd ²)	OUTSIDE LANE (yd ²)				
315 + 61	WEST BOUND LANES	6	6	8.0	8.0					90	40		
315 + 17				10.7						52	20		
314 + 67		6	20	8.0			26.7			118	40	9	26.7
313 + 57		15	6	8.0	20.0					108	40		20.0
312 + 97			8	10.7						52	20		
312 + 82			8	10.7						52	20		
312 + 17			6	8.0						90	40		
312 + 2			6	8.0						128	40	12	33.3
311 + 15			25	8.0						48	20		
310 + 64			6	8.0						90	40		
310 + 42			6	8.0						48	20		
308 + 57			6	8.0						48	20		
306 + 67			6	8.0						90	40		
306 + 7			6	8.0						48	20		
305 + 62			6	8.0						48	20		
301 + 93			8	10.7						52	20		
301 + 1				8.0						48	20		
300 + 70				8.0						48	20		
300 + 52			8	10.7						94	40		
299 + 82			6	8.0						48	20		
299 + 46			6	8.0						48	20		
298 + 97			6	8.0						48	20		
298 + 67			6	8.0						48	20		
298 + 22			6	8.0						90	40		
298 + 7			6	8.0						90	40		
297 + 69			6	8.0						48	20		
296 + 54			6	8.0						90	40		
296 + 54	LT TURN LANE		6	8.0						48	20		
295 + 97			6	8.0						90	40		
295 + 97	LT TURN LANE		6	8.0						48	20		
295 + 57			6	8.0						90	40		
295 + 47			6	8.0						90	40		
295 + 47	LT TURN LANE		6	8.0						48	20		
295 + 27			6	8.0						90	40		
294 + 84			6	8.0			20.0			66	20		20.0
294 + 24	DETECTOR LOOP		6	8.0						90	40		
294 + 4	DETECTOR LOOP		6	8.0						90	40		
293 + 9			8	10.7						52	20		
292 + 41			6	8.0						90	40		

CLASS B PATCHING WEST BOUND LANES

STATION	REMARKS	LENGTH OF PATCH		44200970 TYPE 2		44200974 TYPE 3		44200976 TYPE 4		44213200	Z0017100	Z0075300	44213100
		INSIDE LN (LT LN) (feet)	OUTSIDE LN (RT LN) (feet)	INSIDE LANE (yd ²)	OUTSIDE LANE (yd ²)	INSIDE LANE (yd ²)	OUTSIDE LANE (yd ²)	INSIDE LANE (yd ²)	OUTSIDE LANE (yd ²)	SAW CUTS (3W+7L) (feet)	DOWEL BARS (each)	TIE BARS (each)	PAVEMENT FABRIC (yd ²)
292 + 41	LT TURN LANE	8		10.7						52	20		
292 + 27		6		8.0	8.0					90	40		
292 + 27	LT TURN LANE	8		10.7						52	20		
292 + 7		6		8.0	8.0					90	40		
292 + 7	LT TURN LANE	8		10.7						52	20		
290 + 37		6		8.0	8.0					48	20		
289 + 60		6	35	8.0				46.7		106	20	17	46.7
286 + 89		6		8.0						48	20		
286 + 2		6		8.0	8.0					48	20		
284 + 57		6		8.0	8.0					90	40		
284 + 37		6		8.0	8.0					90	40		
282 + 52		6		8.0	8.0					48	20		
281 + 17		6		8.0	8.0					48	20		
280 + 37		6		8.0	8.0					90	40		
278 + 92		6		8.0	8.0					90	40		
278 + 77		6		8.0	8.0					48	20		
278 + 7		6		8.0	8.0					48	20		
277 + 87		6		8.0	8.0					48	20		
277 + 57		6		8.0	8.0					48	20		
276 + 27		8	12	10.7	16.0					104	40		16.0
275 + 74		6	10	13.3	13.3					56	20		
275 + 19		6	6	8.0	8.0					90	40		
274 + 92		8	8	10.7	10.7					96	40		
274 + 19		10	10	13.3	13.3					102	40		
272 + 84		8	8	10.7	10.7					52	20		
269 + 7		6	6	8.0	8.0					90	40		
268 + 2		8	6	10.7	8.0					94	40		
267 + 2		6	6	8.0	8.0					90	40		
266 + 4		6	6	8.0	8.0					90	40		
264 + 82		6	6	8.0	8.0					90	40		
264 + 35		6	6	8.0	8.0					90	40		
264 + 14		6	6	8.0	8.0					90	40		
258 + 79		6	6	8.0	8.0					90	40		
258 + 32		6	6	8.0	8.0					90	40		
258 + 1		6	6	8.0	8.0					90	40		
257 + 57		6	10	8.0	13.3					98	40		
257 + 17	RT LN & RT TURN LN	12	8	10.7	16.0					104	40		16.0
256 + 77		6	6	8.0	8.0					90	40		
255 + 52		6	6	8.0	8.0					90	40		
255 + 25		6	6	8.0	8.0					90	40		

CLASS B PATCHING WEST BOUND LANES

STATION	12 FEET LANE WIDTH		44200970		44200974		44200976		44213200	Z0017100	Z0075300	44213100
	REMARKS	LENGTH OF PATCH INSIDE LN (ft)	OUTSIDE LN (ft)	INSIDE LANE (yd ²)	OUTSIDE LANE (yd ²)	INSIDE LANE (yd ²)	OUTSIDE LANE (yd ²)	TYPE 4 INSIDE LANE (yd ²)				
254 + 21		6	6	8.0	8.0				90	40		
253 + 46		8		10.7					52	20		
253 + 23		6		8.0					48	20		
252 + 57			8		10.7				52	20		
251 + 47			12			16.0			60	20		16.0
250 + 77		6	6	8.0	8.0				90	40		
250 + 47		6	6	8.0	8.0				90	40		
249 + 94		6	6	8.0	8.0				48	20		
249 + 42		6	6	8.0	8.0				90	40		
249 + 42	RT TURN LANE	6	6	8.0	8.0				48	20		
249 + 2	LT LN & RT TURN LN	6	6	8.0	8.0				90	40		
248 + 85		6	6	8.0	8.0				90	40		
248 + 45		6	6	8.0	8.0				90	40		
248 + 45	LT & RT TURN LNS	6	6	8.0	8.0				90	40		
248 + 25	RT LN & RT TURN LN	6	6	8.0	8.0				90	40		
248 + 7		6	6	8.0	8.0				48	20		
247 + 97			6		8.0				48	20		
247 + 77	LT LN & LT TURN LN	6	6	8.0	8.0				90	40		
247 + 41	LT TURN LANE	6	6	8.0	8.0				48	20		
247 + 33		6	6	8.0	8.0				48	20		
246 + 42		6	6	8.0	8.0				90	40		
246 + 23		6	6	8.0	8.0				90	40		
245 + 77	LT TURN LANE	20				26.7		26.7	76	20	9	26.7
245 + 3		6	8	8.0	10.7				94	40		
244 + 57		6	6	8.0	8.0				90	40		
244 + 57	RT TURN LANE	6	6	8.0	8.0				48	20		
244 + 27		6	6	8.0	8.0				90	40		
244 + 27	RT TURN LANE	6	6	8.0	8.0				48	20		
243 + 29		6	6	8.0	8.0				90	40		
242 + 97		20	15			20.0		20.0	66	20		20.0
242 + 77								26.7	76	20	9	26.7
242 + 31		6	6	8.0	8.0				90	40		
242 + 31	LT & RT TURN LNS	6	6	8.0	8.0				90	40		
241 + 82		6	6	8.0	8.0				90	40		
241 + 24	DETECTOR LOOPS	20	20			26.7		26.7	132	40	9	53.3
240 + 17		6	6	8.0	8.0				90	40		
239 + 72		6	6	8.0	8.0				90	40		
239 + 27		30	30			40.0		40.0	162	40	14	80.0
238 + 32		6	6	8.0	8.0				90	40		
236 + 89		6	6	8.0	8.0				90	40		
236 + 17		6	6	8.0	8.0				90	40		

CLASS B PATCHING

WEST BOUND LANES

STATION	REMARKS	LENGTH OF PATCH		44200970 TYPE 2		44200974 TYPE 3		44200976 TYPE 4		44213200	Z0017100	Z0075300	44213100
		INSIDE LN (LT LN) (feet)	OUTSIDE LN (RT LN) (feet)	INSIDE LANE (yd ²)	OUTSIDE LANE (yd ²)	INSIDE LANE (yd ²)	OUTSIDE LANE (yd ²)	INSIDE LANE (yd ²)	OUTSIDE LANE (yd ²)	SAW CUTS (3W+7L) (feet)	DOWEL BARS (each)	TIE BARS (each)	PAVEMENT FABRIC (yd ²)
234 + 32		6	6	8.0	8.0					90	40		
233 + 30		10		13.3						56	20		
233 + 7		6	6	8.0	8.0					90	40		
232 + 32		6	10	8.0	13.3					98	40		
231 + 37		12	6	8.0	8.0	16.0				102	40		16.0
230 + 85		6	12				16.0			60	20		16.0
230 + 33		6	6	8.0	8.0					90	40		
229 + 91		6	6	8.0	8.0					90	40		
229 + 50		6	6	8.0	8.0					90	40		
229 + 30		6	6	8.0	8.0					48	20		
229 + 5		6	6	8.0	8.0					90	40		
228 + 32		6	6	8.0	8.0					90	40		
227 + 97		6	6	8.0	8.0					90	40		
227 + 70		6	6	8.0	8.0					90	40		
227 + 17		6	6	8.0	8.0					90	40		
226 + 32		6	6	8.0	8.0					48	20		
224 + 34		6	6	8.0	8.0					90	40		
223 + 92		6	6	8.0	8.0					90	40		
223 + 37		6	6	8.0	8.0					90	40		
223 + 17		6	6	8.0	8.0					90	40		
222 + 34		8	8	10.7						52	20		
221 + 35		6	6	8.0	8.0					90	40		
220 + 32		6	6	8.0	8.0					48	20		
219 + 32		6	6	8.0	8.0					90	40		
216 + 77		6	6	8.0	8.0					90	40		
216 + 32		8	8	10.7						52	20		
215 + 87		6	6	8.0	8.0					90	40		
215 + 34		6	6	8.0	8.0					48	20		
214 + 57		6	6	8.0	8.0					90	40		
214 + 34		6	6	8.0	8.0					48	20		
214 + 2		6	6	8.0	8.0					90	40		
213 + 13		6	6	8.0	8.0					90	40		
212 + 32		6	6	8.0	8.0					90	40		
212 + 2		6	6	8.0	8.0					90	40		
211 + 37		6	6	8.0	8.0					48	20		
209 + 64		6	6	8.0	8.0					90	40		
208 + 87		6	6	8.0	8.0					90	40		
208 + 33		6	6	8.0	8.0					90	40		
207 + 77		6	6	8.0	8.0					48	20		
207 + 32		6	6	8.0	8.0					90	40		
206 + 77		6	6	8.0	8.0					90	40		

CLASS B PATCHING WEST BOUND LANES

STATION	REMARKS	LENGTH OF PATCH		44200970		44200974		44200976		44213200	Z0071700	Z0075300	44213100
		INSIDE LN (LT LN) (feet)	OUTSIDE LN (RT LN) (feet)	INSIDE LANE (yd ²)	OUTSIDE LANE (yd ²)	INSIDE LANE (yd ²)	OUTSIDE LANE (yd ²)	INSIDE LANE (yd ²)	OUTSIDE LANE (yd ²)				
205 + 82		6	6	8.0	8.0					90	40		
205 + 37						8.0	8.0			48	20		
204 + 37						8.0	8.0			48	20		
204 + 5		6	6	8.0	8.0					90	40		
203 + 37	RT TURN LANE					8.0	8.0			48	20		
202 + 32		6	6	8.0	8.0					90	40		
200 + 37		6	6	8.0	8.0					90	40		
199 + 57		6	6	8.0	8.0					90	40		
198 + 34		6	6	8.0	8.0					90	40		
195 + 32		6	6	8.0	8.0					90	40		
194 + 32		6	6	8.0	8.0					48	20		
193 + 14		6	6	8.0	8.0					90	40		
192 + 87		6	6	8.0	8.0					90	40		
193 + 32		6	6	8.0	8.0					90	40		
190 + 79		6	6	8.0	8.0					90	40		
189 + 80		6	6	8.0	8.0					90	40		
189 + 29		6	6	8.0	8.0					48	20		
188 + 81		6	6	8.0	8.0					90	40		
188 + 32		6	6	8.0	8.0					90	40		
186 + 89		6	6	8.0	8.0					90	40		
185 + 72		6	6	8.0	8.0					90	40		
185 + 30		6	6	8.0	8.0					90	40		
184 + 29		6	6	8.0	8.0					48	20		
183 + 92		6	6	8.0	8.0					90	40		
183 + 24		6	6	8.0	8.0					90	40		
182 + 26		6	6	8.0	8.0					90	40		
181 + 97		6	6	8.0	8.0					90	40		
181 + 35		20	20					26.7	26.7	132	40	9	53.3
180 + 65		6	6	8.0	8.0					90	40		
179 + 25		6	12	8.0	8.0		16.0			102	40		16.0
178 + 27		6	6	8.0	8.0					90	40		
178 + 2		6	6	8.0	8.0					90	40		
177 + 28		6	6	8.0	8.0					90	40		
176 + 77		6	6	8.0	8.0					90	40		
176 + 28		6	6	8.0	8.0					90	40		
WEST BOUND LANES		Subtotal		1208.0	1317.3	52.0	104.0	146.7	200.0	15,364	6,480	88	502.7
		Total			2,525.3		156.0	346.7					

FAU 5773 (AVENUE OF THE CITIES)
 FAP 595 (IL 84 COLONA ROAD)
 SECTION (112Y-1, 183MFT)PATCHING (13MFT, 1R)RS
 ROCK ISLAND COUNTY
 CONTRACT #64F34
 SHEET 33 OF 51

Schedule of Quantities

20200100 EARTH EXCAVATION

CU YD LOCATION

<u>WB IL 84 & Colona Road</u>			
550.0	Sta	360 + 83 - 350 + 03	Outside 11' shoulder
278.0	Sta	359 + 23 - 353 + 23	Inside 10' shoulder
<u>EB IL 84 & Colona Road</u>			
600.0	Sta	351 + 83 - 362 + 63	Inside 10' shoulder
1,328.0	TOTAL		

31100920 SUB-BASE GRANULAR MATERIAL, TYPE A, 15 INCH

SQ YD LOCATION

<u>WB IL 84 & Colona Road</u>			
1,320.0	Sta	360 + 83 - 350 + 03	Outside 11' shoulder
667.0	Sta	359 + 23 - 353 + 23	Inside 10' shoulder
<u>EB IL 84 & Colona Road</u>			
1,200.0	Sta	351 + 83 - 362 + 63	Inside 10' shoulder
3,187.0	TOTAL		

40600990 TEMPORARY RAMP

SQ YD LOCATION

<u>WB IL 84 & Colona Road</u>			
33.3	Sta	403 + 58	thru lanes
33.3	Sta	391 + 98	side rd RT
50.0	Sta	370 + 38	side rd RT (IL 84)
138.9	Sta	342 + 00 to 341+00	Rt turn in / side rd RT
27.8	Sta	340 + 40	side rd RT
50.0	Sta	320 + 38	lt turn & thru lanes
27.8	Sta	320 + 38	rt turn lane
33.3	Sta	319 + 66	thru lanes
33.3	Sta	314 + 66	thru lanes
<u>EB IL 84 & Colona Road</u>			
66.7	Sta	315 + 00	lt & rt turn & thru lanes
50.0	Sta	319 + 66	lt turn & thru lanes
27.8	Sta	319 + 66	rt turn lane
50.0	Sta	320 + 38	med & thru lanes
138.9	Sta	340 + 42 to 341+42	Rt turn in / side rd RT
27.8	Sta	341 + 92	side rd RT
27.8	Sta	391 + 98	side rd RT
33.3	Sta	403 + 58	thru lanes
<u>IL 5 Turn Lanes</u>			
138.9	NB Right Turn Lane		
18.7	SB Right Turn Lane		
1,005.6	TOTAL		

44004250 PAVED SHOULDER REMOVAL

SQ YD LOCATION

<u>WB IL 84 & Colona Road</u>			
1,320.0	Sta	360 + 83 - 350 + 03	Outside 11' shoulder
667.0	Sta	359 + 23 - 353 + 23	Inside 10' shoulder
<u>EB IL 84 & Colona Road</u>			
1,200.0	Sta	351 + 83 - 362 + 63	Inside 10' shoulder
3,187.0	TOTAL		

44201815 CLASS D PATCHES, TYPE 2, 14 INCH

SQ YD LOCATION

<u>WB IL 84 & Colona Road</u>			
100.0	Sta		To be used at discretion of Engineer.
100.0	TOTAL		

48203029 HOT-MIX ASPHALT SHOULDERS, 9 INCH

SQ YD LOCATION

<u>WB IL 84 & Colona Road</u>			
1,320.0	Sta	360 + 83 - 350 + 03	Outside 11' shoulder
667.0	Sta	359 + 23 - 353 + 23	Inside 10' shoulder
<u>EB IL 84 & Colona Road</u>			
1,200.0	Sta	351 + 83 - 362 + 63	Inside 10' shoulder
3,187.0	TOTAL		

60100060 CONCRETE HEADWALL FOR PIPE DRAINS

EACH LOCATION

<u>WB IL 84 & Colona Road</u>			
4.0	Sta	360 + 83 - 350 + 03	Outside 11' shoulder
4.0	TOTAL		

Schedule of Quantities

60107600 PIPE UNDERDRAINS 4 INCH

<u>FOOT</u>	<u>LOCATION</u>
	WB IL 84 & Colona Road
1,080.0	Sta 360 + 83 - 350 + 03 Outside EOP
600.0	Sta 359 + 23 - 353 + 23 Inside EOP
	EB IL 84 & Colona Road
<u>1,080.0</u>	Sta 351 + 83 - 362 + 63 Inside EOP
2,760.0	TOTAL

60108100 PIPE UNDERDRAINS 4 INCH (SPECIAL)

<u>FOOT</u>	<u>LOCATION</u>
	WB IL 84 & Colona Road
<u>90.0</u>	Sta 360 + 83 - 350 + 03 Outside 11' shoulder
90.0	TOTAL

60260100 INLETS TO BE ADJUSTED

<u>EACH</u>	<u>LOCATION</u>
	EB IL 84 & Colona Road
<u>1</u>	Sta 352 + 33 median shoulder
1	TOTAL

60262510 INLETS TO BE ADJUSTED WITH NEW FRAME & GRATE (SPECIAL)

<u>EACH</u>	<u>LOCATION</u>
	EB Avenue of the Cities
<u>1</u>	Sta 300 + 42 Outside
1	TOTAL

66700305 PERMANENT SURVEY MARKERS, TYPE II

<u>EACH</u>	<u>LOCATION</u>
	Avenue of the Cities / Colona Road / IL 84
<u>12</u>	As directed by the Engineer
12	TOTAL

78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS

<u>SQ FT</u>	<u>LOCATION</u>
	WB IL 84 & Colona Road
31.2	Sta 394 + 98 - 392 + 88 2 RT TURN ARROWS
31.2	Sta 372 + 53 - 371 + 53 2 RT TURN ARROWS
46.8	Sta 343 + 58 - 342 + 18 3 RT TURN ARROWS
46.8	Sta 343 + 58 - 342 + 18 3 LT TURN ARROWS
31.2	Sta 322 + 93 - 321 + 40 2 RT TURN ARROWS
31.2	Sta 322 + 93 - 321 + 40 2 LT TURN ARROWS
	EB Avenue of the Cities
31.2	Sta 172 + 68 - 173 + 63 2 LT TURN ARROWS
	EB IL 84 & Colona Road
31.2	Sta 316 + 20 - 317 + 80 2 RT TURN ARROWS
31.2	Sta 316 + 20 - 317 + 80 2 LT TURN ARROWS
46.8	Sta 339 + 28 - 340 + 38 3 RT TURN ARROWS
46.8	Sta 339 + 28 - 340 + 38 3 LT TURN ARROWS
31.2	Sta 368 + 48 - 369 + 30 2 LT TURN ARROWS
31.2	Sta 369 + 33 - 391 + 00 2 LT TURN ARROWS
31.2	SB IL 84 RIGHT TURN LANE 2 RT TURN ARROWS
31.2	NB IL 5 RIGHT TURN LANE 2 RT TURN ARROWS
31.2	NB IL 5 LEFT TURN LANE 2 LT TURN ARROWS
15.6	SB IL 5 RIGHT TURN LANE 1 RT TURN ARROW
<u>15.6</u>	SB IL 5 LEFT TURN LANE 1 LT TURN ARROW
592.8	TOTAL

FAU 5773 (AVENUE OF THE CITIES)
 FAP 595 (IL 84 COLONA ROAD)
 SECTION (112Y-1, 183MFT)PATCHING (13MFT, 1R)RS
 ROCK ISLAND COUNTY
 CONTRACT #64F34
 SHEET 35 OF 51

Schedule of Quantities

78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"

<u>FOOT</u>	<u>LOCATION</u>	
	WB IL 84 & Colona Road	
3,272	Sta 403 + 58 - 370 + 86	White Edge Line
3,272	Sta 403 + 58 - 370 + 86	Yellow Edge Line
956	NB/SB IL 84	White Edge Lines
	WB IL 84 & Colona Road	
2,840	Sta 369 + 83 - 341 + 43	White Edge Line
2,800	Sta 369 + 83 - 341 + 83	Yellow Edge Line
2,072	Sta 340 + 70 - 320 + 38	White Edge Line
2,032	Sta 340 + 70 - 320 + 38	Yellow Edge Line
500	Sta 319 + 66 - 314 + 66	White Edge Line
500	Sta 319 + 66 - 314 + 66	Yellow Edge Line
	EB Avenue of the Cities	
207	Sta 171 + 81 - 173 + 88	Yellow Edge Line
	EB IL 84 & Colona Road	
506	Sta 315 + 00 - 319 + 66	White Edge Line
466	Sta 315 + 00 - 319 + 66	Yellow Edge Line
2,042	Sta 320 + 38 - 340 + 80	White Edge Line
2,032	Sta 320 + 38 - 340 + 70	Yellow Edge Line
2,800	Sta 341 + 83 - 391 + 57	White Edge Line
2,800	Sta 341 + 83 - 369 + 83	Yellow Edge Line
2,061	Sta 370 + 86 - 391 + 47	Yellow Edge Line
1,141	Sta 392 + 17 - 403 + 58	White Edge Line
1,111	Sta 392 + 47 - 403 + 58	Yellow Edge Line
500	NB IL 5 Right Turn Lane	White Edge Line
460	NB IL 5 Left Turn Lane	Yellow Edge Line
150	SB IL 5 Right Turn Lane	White Edge Line
125	SB IL 5 Left Turn Lane	Yellow Edge Line
<u>34,645</u>	TOTAL	

78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 5"

<u>FOOT</u>	<u>LOCATION</u>	
	WB IL 84 & Colona Road	
620	Sta 403 + 58 - 370 + 86	Skip-Dash White
110	NB/SB IL 84	Skip-Dash Yellow
	WB IL 84 & Colona Road	
700	Sta 369 + 83 - 341 + 83	Skip-Dash White
510	Sta 340 + 70 - 320 + 38	Skip-Dash White
130	Sta 319 + 66 - 314 + 66	Skip-Dash White
	EB IL 84 & Colona Road	
120	Sta 315 + 00 - 319 + 66	Skip-Dash White
510	Sta 320 + 38 - 340 + 70	Skip-Dash White
700	Sta 341 + 83 - 369 + 83	Skip-Dash White
<u>820</u>	Sta 370 + 86 - 403 + 58	Skip-Dash White
<u>4,420</u>	TOTAL	

Schedule of Quantities

78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 8"

<u>FOOT</u>	<u>LOCATION</u>	
	WB IL 84 & Colona Road	
338	Sta 395 + 83 - 392 + 45	White Lane Line (RT Turn)
169	Sta 372 + 85 - 371 + 16	White Lane Line (RT Turn)
210	Sta 371 + 16 - 370 + 52	White Island Perimeter (RT)
205	Sta 370 + 24 - 369 + 74	White Island Perimeter (RT)
161	SB IL 84 Right Turn Ln	White Lane Line (RT Turn)
	WB IL 84 & Colona Road	
200	Sta 343 + 83 - 341 + 83	White Lane Line (RT Turn)
200	Sta 343 + 83 - 341 + 83	White Lane Line (LT Turn)
165	Sta 341 + 10 - 340 + 60	White Island Perimeter (RT)
355	Sta 323 + 93 - 320 + 38	White Lane Line (RT Turn)
345	Sta 323 + 93 - 320 + 48	White Lane Line (LT Turn)
130	Sta 320 + 88 - 320 + 38	White Island Perimeter (RT)
155	Sta 319 + 66 - 319 + 16	White Island Perimeter (RT)
	EB Avenue of the Cities	
207	Sta 171 + 81 - 173 + 88	White Lane Line (LT Turn)
	EB IL 84 & Colona Road	
456	Sta 315 + 00 - 319 + 56	White Lane Line (RT Turn)
456	Sta 315 + 00 - 319 + 56	White Lane Line (LT Turn)
155	Sta 319 + 16 - 319 + 66	White Island Perimeter (RT)
175	Sta 320 + 38 - 320 + 88	White Island Perimeter (RT)
190	Sta 338 + 80 - 340 + 70	White Lane Line (RT Turn)
190	Sta 338 + 80 - 340 + 70	White Lane Line (LT Turn)
165	Sta 341 + 53 - 342 + 03	White Island Perimeter (RT)
275	Sta 367 + 08 - 366 + 83	White Lane Line (LT Turn)
254	Sta 388 + 93 - 391 + 47	White Lane Line (LT Turn)
200	NB IL 5 Right Turn Lane	
240	NB IL 5 Left Turn Lane	
115	SB IL 5 Right Turn Lane	
125	SB IL 5 Left Turn Lane	
<u>5,836</u>	TOTAL	

78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"

<u>FOOT</u>	<u>LOCATION</u>	
	WB IL 84 & Colona Road	
187	Sta 371 + 16 - 370 + 52	White Island Diagonals (RT)
187	Sta 370 + 24 - 369 + 74	White Island Diagonals (RT)
150	Sta 341 + 10 - 340 + 60	White Island Diagonals (RT)
	EB IL 84 & Colona Road	
150	Sta 341 + 53 - 342 + 03	White Island Diagonals (RT)
<u>674</u>	TOTAL	

Schedule of Quantities

78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"

<u>FOOT</u>	<u>LOCATION</u>	
	WB IL 84 & Colona Road	
36	Sta 370 + 84	White Stop Bar
54	NB/SB IL 84	White Stop Bars (3)
	WB IL 84 & Colona Road	
52	Sta 341 + 83	White Stop Bar
12	Sta 320 + 63	White Stop Bar (LT turn)
24	Sta 320 + 48	White Stop Bar
20	Sta 320 + 48	White Stop Bar (RT turn)
	EB Avenue of the Cities	
15	Sta 173 + 88	White Stop Bar (LT turn)
	EB IL 84 & Colona Road	
12	Sta 319 + 41	White Stop Bar (LT turn)
24	Sta 319 + 56	White Stop Bar
20	Sta 319 + 56	White Stop Bar (RT turn)
52	Sta 340 + 70	White Stop Bar
36	Sta 369 + 83	White Stop Bar
20	NB IL 5 Right Turn Lane	White Stop Bar
12	NB IL 5 Left Turn Lane	White Stop Bar
20	SB IL 5 Right Turn Lane	White Stop Bar
12	SB IL 5 Left Turn Lane	White Stop Bar
<u>421</u>	TOTAL	

78008200 POLYUREA PAVEMENT MARKING TYPE 1 - LETTERS

<u>SQ FT</u>	<u>LOCATION</u>
93.6	To Be Determined by the Engineer in the field
	Replace pavement marking where patching has occurred.
<u>93.6</u>	TOTAL

78008210 POLYUREA PAVEMENT MARKING TYPE 1 - Line 4"

<u>FOOT</u>	<u>LOCATION</u>
5,000	To Be Determined by the Engineer in the field
	Replace pavement marking where patching has occurred.
<u>5,000</u>	TOTAL

78008240 POLYUREA PAVEMENT MARKING TYPE 1 - LINE 8"

<u>FOOT</u>	<u>LOCATION</u>
500	To Be Determined by the Engineer in the field
	Replace pavement marking where patching has occurred.
<u>500</u>	TOTAL

78008270 POLYUREA PAVEMENT MARKING TYPE 1 - LINE 24"

<u>FOOT</u>	<u>LOCATION</u>
400	To Be Determined by the Engineer in the field
	Replace pavement marking where patching has occurred.
<u>400</u>	TOTAL

Schedule of Quantities

78100100 RAISED REFLECTIVE PAVEMENT MARKER

<u>EACH</u>	<u>LOCATION</u>	
	WB IL 84 & Colona Road	
41	Sta 403 + 58 - 370 + 86	Centerline - Crystal - 80' c-c
9	Sta 385 + 83 - 392 + 45	Right Turn Ln - Crystal - 40' c-c
5	Sta 372 + 85 - 371 + 16	Right Turn Ln - Crystal - 40' c-c
5	SB IL 84	Right Turn Ln - Crystal - 40' c-c
6	SB IL 84	Centerline - 2 way Amber - 80' c-c
	WB IL 84 & Colona Road	
36	Sta 369 + 83 - 341 + 83	Centerline - Crystal - 80' c-c
6	Sta 343 + 83 - 341 + 83	Right Turn Ln - Crystal - 40' c-c
6	Sta 343 + 83 - 341 + 83	Left Turn Ln - Crystal - 40' c-c
26	Sta 340 + 70 - 320 + 38	Centerline - Crystal - 80' c-c
10	Sta 323 + 93 - 320 + 38	Right Turn Ln - Crystal - 40' c-c
10	Sta 323 + 93 - 320 + 46	Left Turn Ln - Crystal - 40' c-c
7	Sta 319 + 66 - 314 + 66	Centerline - Crystal - 80' c-c
	EB IL 84 & Colona Road	
7	Sta 315 + 00 - 319 + 56	Centerline - Crystal - 80' c-c
12	Sta 315 + 00 - 319 + 56	Right Turn Ln - Crystal - 40' c-c
12	Sta 315 + 00 - 319 + 56	Left Turn Ln - Crystal - 40' c-c
26	Sta 320 + 38 - 340 + 70	Centerline - Crystal - 80' c-c
6	Sta 338 + 80 - 340 + 70	Right Turn Ln - Crystal - 40' c-c
6	Sta 338 + 80 - 340 + 70	Left Turn Ln - Crystal - 40' c-c
36	Sta 341 + 83 - 369 + 83	Centerline - Crystal - 80' c-c
8	Sta 367 + 08 - 369 + 83	Left Turn Ln - Crystal - 40' c-c
<u>8</u>	Sta 388 + 93 - 391 + 47	Left Turn Ln - Crystal - 40' c-c
288	TOTAL	

78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

<u>EACH</u>	<u>LOCATION</u>
41	WB IL 84 & Colona Road
<u>42</u>	EB IL 84 & Colona Road
83	TOTAL

Schedule of Quantities

88600400 DETECTOR LOOP, SPECIAL

<u>FOOT</u>	<u>LOCATION</u>	
	WB IL 84 & Colona Road	
93	Sta 375 + 02	2 X 6'X6' - Thru lanes
205	SB IL 84	2 X 6'X20' - Thru lane
	WB IL 84 & Colona Road	
98	Sta 346 + 13	2 X 6'X6' - Thru lanes
122	Sta 344 + 12	2 X 6'X6' - Thru lanes
270	Sta 342 + 33	3 x 6'X20' - Thru & Lt Turn lanes
270	Sta 342 + 10	3 x 6'X20' - Thru & Lt Turn lanes
220	Sta 320 + 88	3 x 6'X20' - Thru & Lt Turn lanes
220	Sta 320 + 66	3 x 6'X20' - Thru & Lt Turn lanes
	WB Avenue of the Cities	
70	Sta 292 + 60	6'X20' - Right lane (Patch)
145	Sta 257 + 26	2 x 6'X20' - Thru lanes (Patch)
245	Sta 241 + 11	3 x 6'X20' - Thru & Lt Turn lanes (Patch)
160	Sta 207 + 20	2 x 6'X20' - Thru lanes (Patch)
	EB Avenue of the Cities	
102	Sta 173 + 49	6'X20' - Lt Turn Lane
107	Sta 173 + 71	6'X20' - Lt Turn Lane
70	Sta 206 + 00	6'X20' - Lt Turn Lane
	EB IL 84 & Colona Road	
90	Sta 335 + 65	2 X 6'X6' - Thru lanes
100	Sta 337 + 70	2 X 6'X6' - Thru lanes
336	Sta 339 + 38	3 x 6'X20' - Thru & Lt Turn lanes
336	Sta 340 + 63	3 x 6'X20' - Thru & Lt Turn lanes
90	Sta 365 + 00	2 X 6'X6' - Thru lanes
3,349	TOTAL	

X0320157 CLEANING UNDERDRAIN OUTLETS

<u>EACH</u>	<u>LOCATION</u>
	Colona Road / IL 84
50	Locations to be determined in the field by the Engineer
50	TOTAL

Z0014700 CULVERT TO BE CLEANED

<u>EACH</u>	<u>LOCATION</u>
	Colona Road / IL 84 (AR CULVERTS)
22	Locations to be determined in the field by the Engineer
22	TOTAL

Z0028415 GEOTECHNICAL REINFORCEMENT

<u>SQ YD</u>	<u>LOCATION</u>
	WB IL 84 & Colona Road
1,320.0	Sta 360 + 83 - 350 + 03 Outside 11' shoulder
667.0	Sta 359 + 23 - 353 + 23 Inside 10' shoulder
	EB IL 84 & Colona Road
1,200.0	Sta 351 + 83 - 362 + 63 Inside 10' shoulder
976.0	Contingency quantity for patching - locations to be determined by the Engineer
4,163.0	TOTAL

Z0028700 GRANULAR SUBGRADE REPLACEMENT

<u>CU YD</u>	<u>LOCATION</u>
	Contingency quantity for patching - locations to be determined by the Engineer
163.0	TOTAL

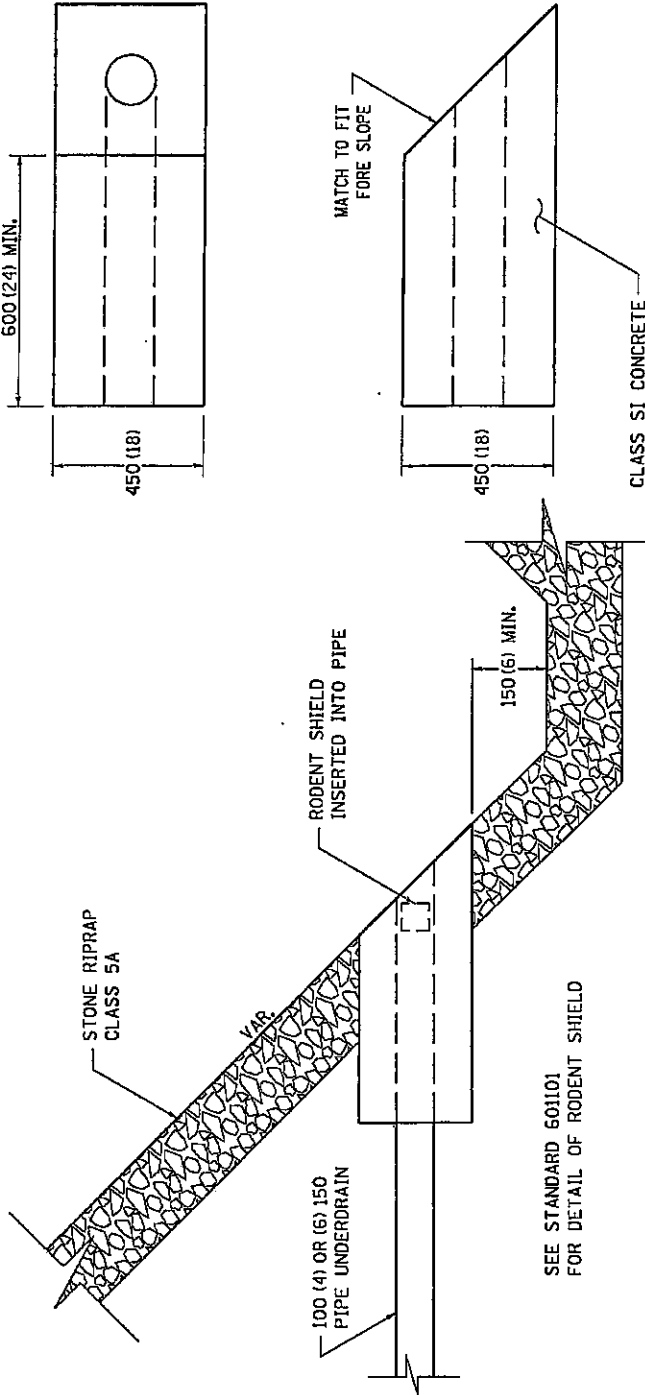
Z0029999 IMPACT ATTENUATOR REMOVAL

<u>EACH</u>	<u>LOCATION</u>
	IL 84 & Colona Road (median barrier wall ends)
1	Sta 325 + 93
1	Sta 336 + 63
1	Sta 346 + 93
1	Sta 365 + 63
1	Sta 371 + 53
1	Sta 387 + 23
1	Sta 393 + 13
7	TOTAL

Z0030030 IMPACT ATTENUATOR (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3

<u>EACH</u>	<u>LOCATION</u>
	IL 84 & Colona Road (median barrier wall ends)
1	Sta 325 + 93
1	Sta 336 + 63
1	Sta 346 + 93
1	Sta 365 + 63
1	Sta 371 + 53
1	Sta 387 + 23
1	Sta 393 + 13
7	TOTAL

CONCRETE HEADWALLS FOR PIPE DRAINS



ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

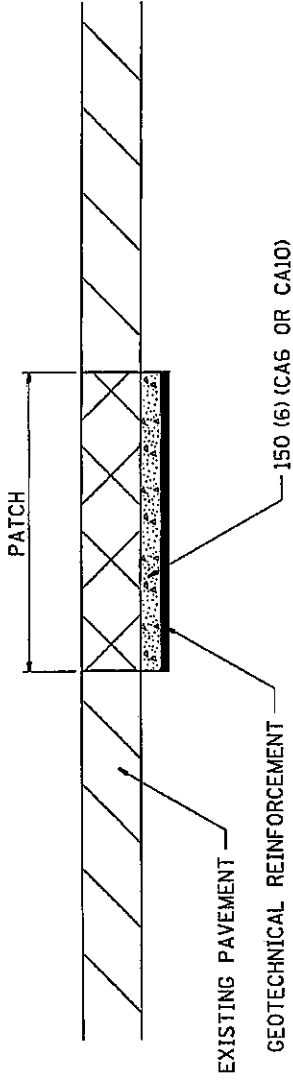
REVISED - 10-15-04

*FAP 308 (IL 92)
**15,6,7RS

CONCRETE HEADWALLS FOR PIPE DRAINS 27.4

FILE NAME = D:\Projects\Rock_Island\64F34 Avenue of the Cities Patching and IL 84 Colone Rd	USER NAME = meglj Magl Project of Illinois DEPARTMENT OF TRANSPORTATION	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	Submittal typcolona.dgn	F.A.P. RTE. 308	SECTION 112Y-1, 183MFT PATCHING	COUNTY ROCK ISLAND	TOTAL SHEETS 51	SHEET NO. 41
PLOT DATE = Fri Mar 19 09:45:20 2010				FED. ROAD DIST. NO. - ILLINOIS		CONTRACT NO. 64F34		

SUBGRADE REPLACEMENT



NOTES:

THE CA 6 OR CA 10 SHALL BE COMPACTED IN A MANNER APPROVED BY THE ENGINEER, IF THE MOISTURE CONTENT OF THE MATERIAL IS SUCH THAT COMPACTION SATISFACTORY TO THE ENGINEER CANNOT BE OBTAINED, SUFFICIENT WATER SHALL BE ADDED SO THAT SATISFACTORY COMPACTION CAN BE OBTAINED.

THE CA 6 OR CA 10 WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU YD FOR GRANULAR SUBGRADE REPLACEMENT

THE GEO TECHNICAL REINFORCEMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER 50 YD FOR GEO TECHNICAL REINFORCEMENT

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED - 1-09-08

*FAP 308 (IL 92)
**45.6.7RS

SUBGRADE REPLACEMENT 97.4

FILE NAME = D:\Projects\Rock-Island\64F34 Avenue of	USER NAME = meglilj the Citrus Patching and IL 84 Colona Rd	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROJECT FILE Submittal\23RD AVE\spec\ona.dgn	F.A.P. RITE. 308	SECTION 112Y-1, 183MFT PATCHING	COUNTY ROCK ISLAND	TOTAL SHEETS 51	SHEET NO. 43
	PLOT DATE = Tue Mar 16 10:47:25 2010	FED. ROAD DIST. NO. - ILLINOIS		FED. AID PROJECT		CONTRACT NO. 64E34		

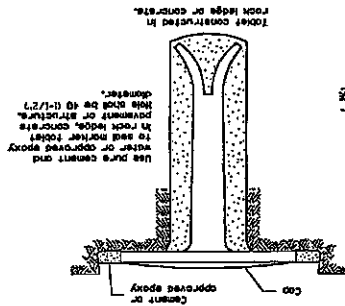
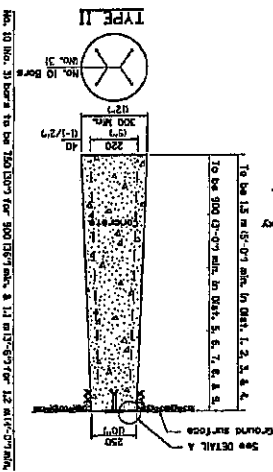
WITNESS MARKER & PERMANENT SURVEY MARKERS, TYPE II 66.2

*FAP 308 (IL 92)
**45,6,7RS

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED - 10-21-88

CAST-IN-PLACE MARKER



TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) 94.2

*FAP 308 (IL 92)
**15.6.TPRS

GENERAL NOTES

CONES MAY BE SUBSTITUTED FOR BARRICADES ON DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 710 (29) IN HEIGHT. STADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS WILL BE MONODIRECTIONAL. TEMPORARY PAVEMENT MARKING SHALL BE PLACED THROUGHOUT THE BARRICADE AREA OF EACH BAY WHERE THE CLOSING TIME IS GREATER THAN FORTY FIVE DAYS. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT TURN LANE. RIGHT TURN BAY IS TO REMAIN OPEN. LANE IN THIS CONDITION SHALL BE USED. THESE CONES SHALL SUPPLEMENT MAINTAINING TRAFFIC CONTROL FOR LANE CLOSURES. CONTINGENTIAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS. OTHERWISE NOTED.

LEGEND

WORK AREA

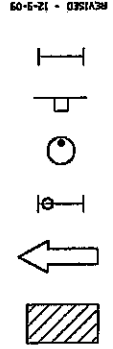
LANE OPEN TO TRAFFIC

TYPE I OR II BARRICADE OR DRUM WITH FLASHING BURNING LIGHT

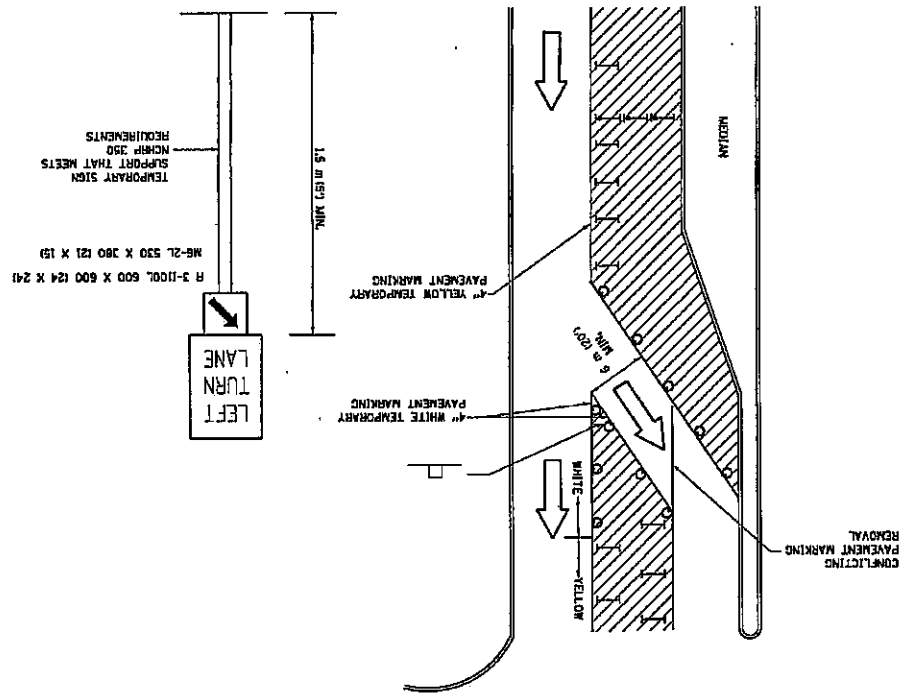
DRUM OR BARRICADE WITH STEADY BURN LIGHT

SIGN (SEE DETAIL)

TYPE I OR II CHECK BARRICADE WITH STEADY LIGHT BURN



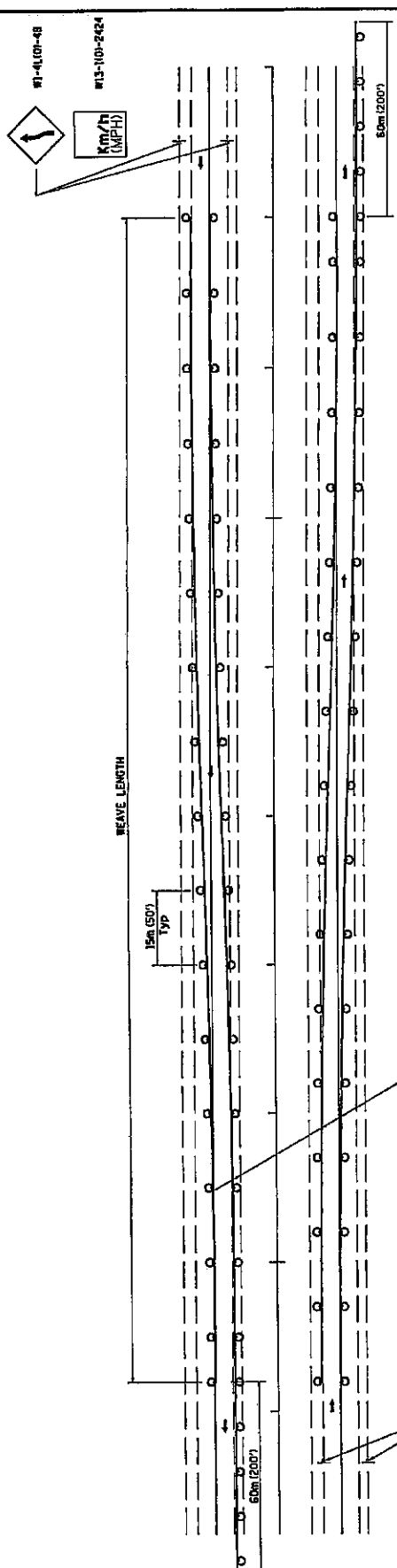
REVISED - 12-9-09



TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)

FILE NAME =	USER NAME = megl1j	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D:\Projects\Rock_Island\64F34 Avenue of the Cities Patching and IL 84 Colona Rd\Regit. Project File\Drawings	112Y-1, 183MET PATCHING	ROCK ISLAND	51	46	46
STATE OF ILLINOIS	DEPARTMENT OF TRANSPORTATION	CONTRACT NO. 64F34			
PLOT DATE = Tue Mar 16 10:47:47 2010		FED. ROAD DIST. NO. = ILLINOIS FED. AID PROJECT			

TRAFFIC CONTROL TYPICAL WEAVE



Temporary Pavement Marking required if Typical Weave is used for 14 days or more.

- LEGEND**
- DRAW WITH STEADY BURN MONO-DIRECTIONAL LIGHTS
 - ⊥ SIGN ON PERMANENT MOUNT

STANDARD WEAVE CONDITIONS FOR DIFFERENT SPEED LIMITS

POSTED SPEED LIMIT	ADVISORY SPEED LIMIT	WEAVE LENGTH
110 km/h (65 MPH)	80 km/h (45 MPH)	240m (780 FT.)
90 km/h (55 MPH)	60 km/h (35 MPH)	200m (650 FT.)
80 km/h (45 MPH)	40 km/h (25 MPH)	155m (510 FT.)

DESIGNER NOTE:

1. USE ON LONG 4-LANE PROJECTS WHERE THE CONTRACTOR MAY CHANGE A PORTION OF THE WORK TO THE OPPOSITE LAKE.
2. USE WHERE THE PROJECT IS ADJACENT TO ANOTHER AND THE CONTRACTOR COULD BE WORKING ON DIFFERENT LANES.
3. TEMPORARY PAVEMENT MARKING SHALL BE USED WHEN TYPICAL WEAVE IS USED FOR 14 DAYS OR MORE.
4. TRAFFIC CONTROL TYPICAL WEAVE SHALL BE INCLUDED IN THE COST OF THE SPECIFIC TRAFFIC CONTROL STANDARDS OF ITEMS.

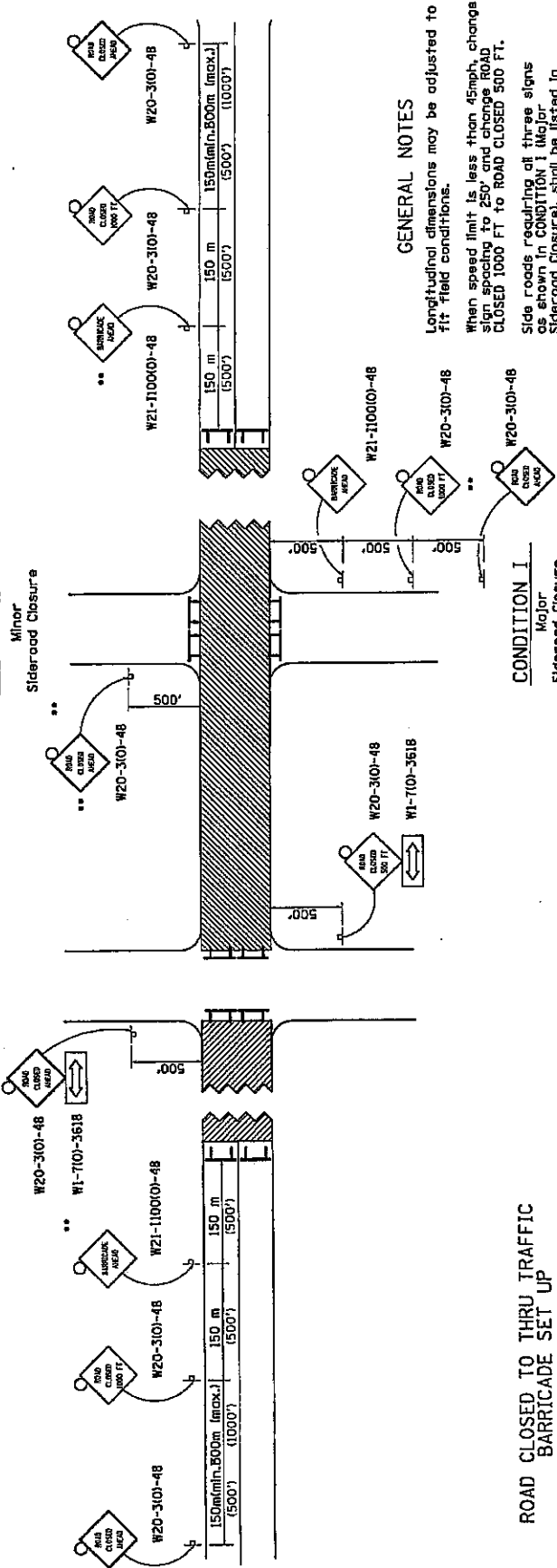
*FAP 308 (IL 92)
 ** (5,6,7)RS

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

DATE: 11/15/2011 DRAWN BY: [Name] CHECKED BY: [Name] DATE: [Date]	DESIGNED BY: [Name] CHECKED BY: [Name] DATE: [Date]	REVISIONS: [Table with columns for revision number, description, and date]	COUNTY: [County Name] DISTRICT: [District Name] SHEET NO. OF [Total] SHEETS: [Sheet No.]	REGION 2 / DISTRICT 2 STANDARD DEPARTMENT OF TRANSPORTATION STATE OF ILLINOIS	PROJECT NO.: [Project No.] SHEET NO.: [Sheet No.] TO STA.: [Stationing] FROM STA.: [Stationing]	39.1 TRAFFIC CONTROL TYPICAL WEAVE
--	---	--	--	---	--	---------------------------------------

TRAFFIC CONTROL FOR ROAD CLOSURE

CONDITION II



GENERAL NOTES

Longitudinal dimensions may be adjusted to fit field conditions.

When speed limit is less than 45mph, change sign spacing to 250' and change ROAD CLOSED 1000 FT to ROAD CLOSED 500 FT.

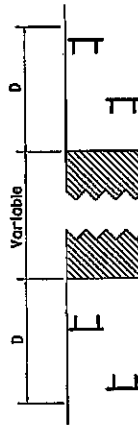
Side roads requiring all three signs as shown in CONDITION I (Major sideroad closure), shall be listed in the special provision.

Where local access is to be maintained, barricades are to be set up as shown in Road Closed to Thru Traffic. Type III Barricades and R11-2-4830 signs shall be as shown in "Road Closed To All Traffic" detail on Highway Standard 701901.

SYMBOLS

- Work area
- Type III Barricade with flashers
- Sign with flashing light

ROAD CLOSED TO THRU TRAFFIC BARRICADE SET UP



Type III Barricades and R11-4-4830 signs shall be as shown in "Road Closed To All Thru Traffic" detail on Highway Standard 701901. If the distance "D" exceeds 600 m (2000') an additional set of barricades and R11-4-4830 shall be placed at each end of the work area.

TYPICAL APPLICATION FOR ROAD CLOSURE

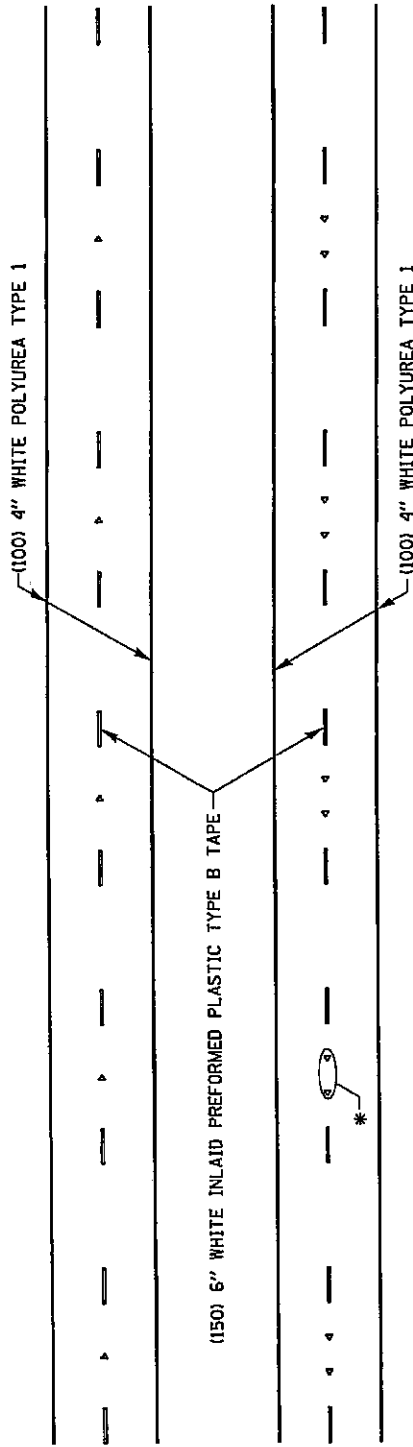
*FAP 308 (IL 92)

**5,6,7RS

All dimensions are in millimeters (inches) unless otherwise shown.

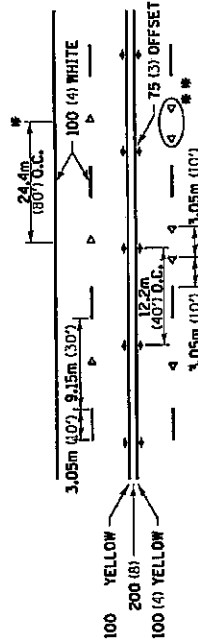
DESIGNED BY	DATE	REVISION	DATE
CHECKED BY	DATE	REVISION	DATE
PROJECT NO.	DATE	REVISION	DATE
STATE OF ILLINOIS		REGION 2 / DISTRICT 2 STANDARD	
DEPARTMENT OF TRANSPORTATION		SHEET NO. OF SHEETS	
SCALE		TO STA.	
COUNTY		SECTION	
TOTAL SHEETS		SHEET NO.	

TYPICAL PAVEMENT MARKINGS



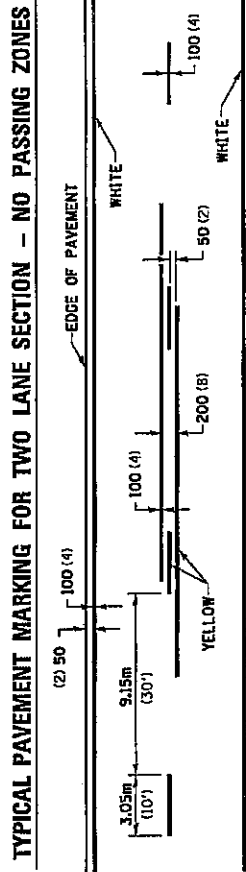
* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS.
 USE DOUBLE MARKERS WHEN ADT ≥ 25,000.

MULTI-LANE / DIVIDED



* REDUCE TO 12.2m (40') O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 15km/h (10MPH) LOWER THAN POSTED SPEEDS.
 ** USE DOUBLE MARKERS WHEN ADT ≥ 25,000

MULTI-LANE / UNDIVIDED



*FAP 308 (IL 92)
 ** (5, 6, 7)RS

DESIGNED BY	DESIGNED	REVISION	DATE	DESIGNED BY	DESIGNED	REVISION	DATE
CHECKED BY	CHECKED	CHECKED	CHECKED	CHECKED BY	CHECKED	CHECKED	CHECKED
DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				REGION 2 / DISTRICT 2 STANDARD			
SCALE: _____ SHEET NO. OF _____ SHEETS STL. _____ TO STL. _____				CONTRACT NO. 18-034			
TYPICAL PAVEMENT MARKINGS				SHEET 3 OF 3			

ILLINOIS DEPARTMENT OF LABOR

PREVAILING WAGES FOR ROCK ISLAND COUNTY EFFECTIVE MAY 2010

The Prevailing rates of wages are included in the Contract proposals which are subject to Check Sheet #5 of the Supplemental Specifications and Recurring Special Provisions. The rates have been ascertained and certified by the Illinois Department of Labor for the locality in which the work is to be performed and for each craft or type of work or mechanic needed to execute the work of the Contract. As required by Prevailing Wage Act (820 ILCS 130/0.01, et seq.) and Check Sheet #5 of the Contract, not less than the rates of wages ascertained by the Illinois Department of Labor and as revised during the performance of a Contract shall be paid to all laborers, workers and mechanics performing work under the Contract. Post the scale of wages in a prominent and easily accessible place at the site of work.

If the Illinois Department of Labor revises the prevailing rates of wages to be paid as listed in the specification of rates, the contractor shall post the revised rates of wages and shall pay not less than the revised rates of wages. Current wage rate information shall be obtained by visiting the Illinois Department of Labor web site at <http://www.state.il.us/agency/idol/> or by calling 312-793-2814. It is the responsibility of the contractor to review the rates applicable to the work of the contract at regular intervals in order to insure the timely payment of current rates. Provision of this information to the contractor by means of the Illinois Department of Labor web site satisfies the notification of revisions by the Department to the contractor pursuant to the Act, and the contractor agrees that no additional notice is required. The contractor shall notify each of its subcontractors of the revised rates of wages.

Rock Island County Prevailing Wage for May 2010

Trade Name	RG	TYP	C	Base	FRMAN	*M-F>8	OSA	OSH	H/W	Pensn	Vac	Trng
=====	==	===	=	=====	=====	=====	===	===	=====	=====	=====	=====
ASBESTOS ABT-GEN		BLD		23.010	23.510	1.5	1.5	2.0	5.750	5.550	0.000	0.800
ASBESTOS ABT-GEN		HWY		24.750	25.750	1.5	1.5	2.0	5.900	6.110	0.000	0.800
ASBESTOS ABT-MEC		BLD		19.750	20.750	1.5	1.5	2.0	5.750	2.500	0.000	0.000
BOILERMAKER		BLD		34.170	37.170	2.0	2.0	2.0	6.820	8.550	0.000	0.350
BRICK MASON		BLD		26.430	27.930	1.5	1.5	2.0	6.800	5.150	0.000	0.420
CARPENTER		BLD		26.380	27.700	1.5	1.5	2.0	6.710	6.300	0.000	0.600
CARPENTER		HWY		26.940	28.690	1.5	1.5	2.0	6.880	8.520	0.000	0.450
CEMENT MASON		BLD		24.640	26.140	1.5	1.5	2.0	5.450	6.950	0.000	0.500
CEMENT MASON		HWY		24.440	25.440	1.5	1.5	2.0	5.600	7.870	0.000	0.500
CERAMIC TILE FNSHER		BLD		18.420	0.000	1.5	1.5	2.0	6.800	5.140	0.000	0.230
ELECTRIC PWR EQMT OP		ALL		26.260	0.000	1.5	1.5	2.0	4.750	7.360	0.000	0.200
ELECTRIC PWR GRNDMAN		ALL		21.950	0.000	1.5	1.5	2.0	4.750	6.150	0.000	0.160
ELECTRIC PWR LINEMAN		ALL		33.120	35.770	1.5	1.5	2.0	4.750	9.270	0.000	0.250
ELECTRICIAN		BLD		30.520	32.520	1.5	1.5	2.0	5.500	8.390	0.000	0.310
ELECTRONIC SYS TECH		BLD		23.000	24.750	1.5	1.5	2.0	6.580	5.010	0.000	0.310
ELEVATOR CONSTRUCTOR		BLD		36.740	41.330	2.0	2.0	2.0	10.03	9.460	2.200	0.000
GLAZIER		BLD		23.920	25.360	1.5	1.5	2.0	6.050	5.400	0.000	0.350
HT/FROST INSULATOR		BLD		27.860	29.060	1.5	1.5	2.0	5.000	11.00	0.000	0.800
IRON WORKER		ALL		27.160	29.330	1.5	1.5	2.0	8.140	9.280	0.000	0.520
LABORER		BLD	1	21.510	22.010	1.5	1.5	2.0	5.750	5.550	0.000	0.800
LABORER		BLD	2	23.010	23.510	1.5	1.5	2.0	5.750	5.550	0.000	0.800
LABORER		BLD	3	23.660	24.160	1.5	1.5	2.0	5.750	5.550	0.000	0.800
LABORER		HWY	1	24.250	25.250	1.5	1.5	2.0	5.900	6.110	0.000	0.800
LABORER		HWY	2	24.750	25.750	1.5	1.5	2.0	5.900	6.110	0.000	0.800
LABORER		HWY	3	25.380	26.380	1.5	1.5	2.0	5.900	6.110	0.000	0.800
LATHER		BLD		26.380	27.700	1.5	1.5	2.0	6.710	6.300	0.000	0.600
MACHINIST		BLD		42.770	44.770	1.5	1.5	2.0	7.750	8.690	0.650	0.000
MARBLE FINISHERS		BLD		18.420	0.000	1.5	1.5	2.0	6.800	5.140	0.000	0.230
MARBLE MASON		BLD		22.760	23.260	1.5	1.5	2.0	6.800	5.140	0.000	0.230
MILLWRIGHT	N	BLD		34.400	37.840	1.5	1.5	2.0	7.100	11.94	0.000	0.500
MILLWRIGHT	S	BLD		27.250	28.950	1.5	1.5	2.0	6.400	9.640	0.000	0.500
OPERATING ENGINEER		BLD	1	26.600	0.000	1.5	1.5	2.0	12.45	6.600	1.500	0.700
OPERATING ENGINEER		BLD	2	23.950	0.000	1.5	1.5	2.0	12.45	6.600	1.500	0.700
OPERATING ENGINEER		BLD	3	22.900	0.000	1.5	1.5	2.0	12.45	6.600	1.500	0.700
OPERATING ENGINEER		HWY	1	26.600	27.600	1.5	1.5	2.0	12.45	6.600	1.500	0.700
OPERATING ENGINEER		HWY	2	25.000	27.600	1.5	1.5	2.0	12.45	6.600	1.500	0.700
OPERATING ENGINEER		HWY	3	23.850	27.600	1.5	1.5	2.0	12.45	6.600	1.500	0.700
PAINTER		ALL		25.270	26.270	1.5	1.5	1.5	4.850	6.100	0.000	0.600
PAINTER OVER 30FT		ALL		26.520	27.520	1.5	1.5	1.5	4.850	6.100	0.000	0.600
PAINTER PWR EQMT		ALL		25.770	26.770	1.5	1.5	1.5	4.850	6.100	0.000	0.600
PILEDRIIVER		BLD		26.380	27.700	1.5	1.5	2.0	6.710	6.300	0.000	0.600
PILEDRIIVER		HWY		26.940	28.690	1.5	1.5	2.0	6.880	8.520	0.000	0.450
PIPEFITTER		ALL		33.400	36.740	1.5	1.5	2.0	5.000	9.810	0.000	0.850
PLASTERER		BLD		27.800	29.800	1.5	1.5	2.0	4.500	5.450	0.000	0.500
PLUMBER		ALL		33.400	36.740	1.5	1.5	2.0	5.000	9.810	0.000	0.850
ROOFER		BLD		23.800	25.050	1.5	1.5	2.0	7.340	5.120	0.000	0.220
SHEETMETAL WORKER		BLD		28.270	30.120	1.5	1.5	2.0	7.040	8.790	0.000	0.410
SPRINKLER FITTER		BLD		36.140	38.890	1.5	1.5	2.0	8.200	6.550	0.000	0.250
STONE MASON		BLD		26.430	27.930	1.5	1.5	2.0	6.800	5.150	0.000	0.420
TERRAZZO FINISHER		BLD		18.420	0.000	1.5	1.5	2.0	6.800	5.140	0.000	0.230
TERRAZZO MASON		BLD		22.760	23.260	1.5	1.5	2.0	6.800	5.140	0.000	0.230
TILE LAYER		BLD		26.380	27.700	1.5	1.5	2.0	6.710	6.300	0.000	0.600
TILE MASON		BLD		22.760	23.260	1.5	1.5	2.0	6.800	5.140	0.000	0.230
TRUCK DRIVER		ALL	1	28.605	0.000	1.5	1.5	2.0	9.050	4.200	0.000	0.250
TRUCK DRIVER		ALL	2	29.005	0.000	1.5	1.5	2.0	9.050	4.200	0.000	0.250
TRUCK DRIVER		ALL	3	29.205	0.000	1.5	1.5	2.0	9.050	4.200	0.000	0.250
TRUCK DRIVER		ALL	4	29.455	0.000	1.5	1.5	2.0	9.050	4.200	0.000	0.250
TRUCK DRIVER		ALL	5	30.205	0.000	1.5	1.5	2.0	9.050	4.200	0.000	0.250

TRUCK DRIVER	O&C 1	21.450	0.000	1.5	1.5	2.0	9.050	4.200	0.000	0.250
TRUCK DRIVER	O&C 2	21.750	0.000	1.5	1.5	2.0	9.050	4.200	0.000	0.250
TRUCK DRIVER	O&C 3	21.900	0.000	1.5	1.5	2.0	9.050	4.200	0.000	0.250
TRUCK DRIVER	O&C 4	22.090	0.000	1.5	1.5	2.0	9.050	4.200	0.000	0.250
TRUCK DRIVER	O&C 5	22.650	0.000	1.5	1.5	2.0	9.050	4.200	0.000	0.250
TUCKPOINTER	BLD	26.430	27.930	1.5	1.5	2.0	6.800	5.150	0.000	0.420

Legend:

M-F>8 (Overtime is required for any hour greater than 8 worked each day, Monday through Friday.)

OSA (Overtime is required for every hour worked on Saturday)

OSH (Overtime is required for every hour worked on Sunday and Holidays)

H/W (Health & Welfare Insurance)

Pensn (Pension)

Vac (Vacation)

Trng (Training)

Explanations

ROCK ISLAND COUNTY

MILLWRIGHT (SOUTH) - South of Interstate 80.

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial/Decoration Day, Fourth of July, Labor Day, Veterans Day, Thanksgiving Day, Christmas Day. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration such as the day after Thanksgiving for Veterans Day. If in doubt, please check with IDOL.

Oil and chip resealing (O&C) means the application of road oils and liquid asphalt to coat an existing road surface, followed by application of aggregate chips or gravel to coated surface, and subsequent rolling of material to seal the surface.

EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date.

ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

CERAMIC TILE FINISHER, MARBLE FINISHER, TERRAZZO FINISHER

Assisting, helping or supporting the tile, marble and terrazzo mechanic by performing their historic and traditional work assignments required to complete the proper installation of the work covered by said crafts. The term "Ceramic" is used for naming the classification only and is in no way a limitation of the product handled. Ceramic takes into consideration most hard tiles.

ELECTRONIC SYSTEMS TECHNICIAN

Installing, assembling and maintaining sound and intercom, protection alarm (security), master antenna television, closed circuit television, computer hardware and software programming and installation to the network's outlet and input (EXCLUDING all cabling, power and cable termination work historically performed by wiremen), door monitoring and control, nurse and emergency call programming and installation to the system's outlet and input (EXCLUDING all cabling, power and cable termination work historically performed by wiremen), clock and timing; and the installation and maintenance of transmit and receive antennas, transmitters, receivers, and associated apparatus which operates in conjunction with the above systems. All work associated with these system installations will be included EXCEPT (1) installation of protective metallic conduit, excluding less than ten-foot runs strictly for protection of cable, and (2) 120 volt AC (or higher) power wiring and associated hardware.

LABORER - BUILDING

Class 1: General laborer, carpenter tender, tool cribman, salamander tender, flagman, form handler, floor sweeper, material handler, fencing laborer, cleaning lumber, landscaper, unloading explosives, laying of sod, planting/removal of trees, wrecking laborer, unloading of Re-Bars, scaffold worker, signal man on crane.

Class 2: Handling of materials treated with creosote, kettle men, prime mover or motorized unit used for wet concrete or handling of building materials, vibrator operator, mortar mixer, power tools used under the jurisdiction of laborers, sand points, gunnite nozzle men, welders, cutters, burners and torchmen, chain saw operator, jackhammer and drill operators, paving breakers, air tamping hammerman, concrete saw operator, concrete burning machine operator, coring machine operator - hod carrier and plasterer tender.

Class 3: Caisson worker after 6 foot depth, dynamite man, asbestos abatement worker, tunnel miners - mixerman (plaster only), pump man.

LABORER - HEAVY & HIGHWAY

Class 1: Rod or chain man, flagman, dumpman, spotter, broom man, landscaper, planting and removal of trees, fencing laborers, dispatcher, ticket writer, scaleman, cleaning of forms or lumber (in bone yard), laying of sod, moving and/or maintenance of flares and barricades.

Class 2: Operation of all hand, electric, air, hydraulic or mechanically powered tools under the jurisdiction of Laborers' including jackhammers, tempers, air spades, augers, concrete saws, chain saws, utility saws, rock drills, vibrators, mortar mixer, power and hand saw (when clearing timber) general laborer (not elsewhere covered), craft-tender, material checker, material handler, form handler, concrete dumper, puddler, form setter helper, explosives handler, dynamite helper, center strip, reinforcing in concrete, wire mesh handler and installer, prime mover or any mechanical device taking the place of concrete buggy or wheelbarrow, sandpoint setter, asphalt kettleman. Sheeting hammer drivers, laying and jointing of

telephone conduit, gas distribution men, pipe setter on laterals, drain tiles, culvert pipe, and storm sewer catch basin leads, catch basins, manholes, batch dumpers, tank cleaners, cofferdam workers, bankman on floating plant, jointman with pipelayers. Back-up man (corker, joint maker) with pipe setter on sewer and water mains, batterboard man or laser operator on sewer and water main, labor in ditch, or tunnel, on sewer or water mains and telephone conduit. Cutters, burners, torchman, gravel box man, asphalt plant laborers, concrete plant laborer, deck hand, unloading of steel and rebar, laser beam operator, wrecking laborers.

Class 3: Asphalt raker or luteman, head form setter, head dynamite man (powderman) head string or wireline man (on paving), pipe setter on sewer or water main, gunnite nozzle man, asphalt or concrete curb machine operator, head grade man, head tunnel miner, concrete burning machine operator, coring machine operator, welder.

OPERATING ENGINEERS - BUILDING

Class 1. An engineer on Crane; Shovel; Clamshell; Dragline; Backhoe; Derrick; Tower Crane; Cable Way; Concrete Spreader (servicing two pavers); Asphalt Spreader; Asphalt Mixer; Plant Engineer; Dipper Dredge Operator; Dipper Dredge Craneman; Dual Purpose Truck (boom or winch); Leverman or Engineman (hydraulic dredge); Mechanic; Paving Mixer with tower attached; Pile Driver; Boom Tractor; Stationary, Portable, or Floating Mixing Plant; Trenching Machine (over 40 H.P.); Building Hoist (two drums); Hot Paint Wrapping Machine; Cleaning and Priming Machine; Backfiller (throw bucket); Locomotive Engineer; Qualified Welder; Tow or Push Boat; Concrete Paver; Seaman Trav-L-Plant or similar machines; CMI Autograder or similar machine; Slip Form Paver; Caisson Augering Machine; Mucking Machine; Asphalt Heater-Planer Unit; Hydraulic Cranes; Mine Hoists; Laser Screed; Athey; Barber-Green; Euclid or Haiss Loader; Asphalt Pug Mill; Fireman and Drier; Concrete Pump; Concrete Spreader (servicing one paver); Bulldozer; Endloader; Log Chippers or similar machines; Elevating Grader; Group Equipment Greaser; LeTourneaupul and similar machines; Off-Road Haul Units, DW-10; Hyster Winch and similar machines; Motor Patrol; Power Blade; Push Cat; Tractor Pulling elevating Grader or Power Blade; Tractor, Operating Scoop or Scraper; Tractor with Power Attachment; Roller on Asphalt or Blacktop; Single Drum Hoist; Jaeger Mix and Place Machine; Pipe Bending Machine; Flexaplane or similar machines; Automatic Curbing Machines; Automatic Cement and Gravel Batch Plants (one stop set-up); Seaman Pulvi-Mixer or similar machines; Blastholer Self-Propelled Rotary Drill or similar machines; Work Boat; Combination Concrete Finishing Machine and Float; Self-propelled Sheep Foot Roller or Compactor (used in conjunction with a Grading Spread); Asphalt Spreader Screed Operator; Apsco spreader or similar machine; Slusher; Forklift (over 6000 lb. cap. or working at heights above 28 ft.); Concrete Conveyors; Chip Spreader; Underground Boring Machine; Straddle Carrier, Hydro Hammer; Hydraulic Pumps or Power Units Driven by any power source (except manually) used to hoist or lift machinery or material.

Class 2. An engineer on Asphalt Booster; Fireman and Pump Operator at Asphalt Plant; Mud Jack; Concrete Finishing Machine; Form Grader with Roller on Earth; Mixers (3 bag to 16E); Power Operated Bull Float; Tractor without Power attachment; Dope Pot (agitating motor); Dope Chop Machine, Distributor (back end); Portable Machine Fireman; Power Winch on Paving Work; Self-propelled Roller or Compactor (other than provided for above); Pump Operator (more than one well-point pump); Portable Crusher Operator; Trench Machine (under 40 H.P.); Power Subgrader (on forms) or similar machines; Forklift (6000 lb. or less cap.) Gypsum Pump; Conveyor over 20 H.P.; Fuller Kenyon Cement Pump or

similar machines; Light Plant; Mixers (1 or 2 bag); Power Batching Machine (Cement Auger or Conveyor); Boiler (Engineer or Fireman); Mechanical Broom; Automatic Cement and Gravel Batch Plants (two or three stop set-up); Small Rubber-tired Tractors (not including backhoes or endloaders); Self-propelled Curing Machine; Driver on Truck Crane or similar machines.

Class 3. Engineer on a Skid Loader; Oiler; Mechanic's Helper; Mechanical Heater (other than steam boiler); Belt Machine; Small Outboard Motor Boats (Safety Boat and Life Boat); Engine Driven Welding Machine; Small Tractors (used to unroll or roll wire mesh); Water Pumps; Air Compressors; Permanent Automatic Elevators or Deck Engineers.

OPERATING ENGINEERS- HIGHWAY

Class 1. An engineer on Crane; Shovel; Clamshell; Spreader (servicing two pavers); Asphalt Spreader; Asphalt Mixer; Plant Engineer; Dipper Dredge Operator; Dipper Dredge Craneman; Dual Purpose Truck (boom or winch); Leverman or Engineman (hydraulic dredge); Mechanic; Paving Mixer with tower attached; Pile Driver; Boom Tractor; Stationary, over 40 h.p.; Building Hoist (two drums); Hot Paint Wrapping Machine; Cleaning and Priming Machine; Backfiller (throw bucket); Locomotive Engineer; Qualified Welder; Tow or Push Boat; Concrete Paver; Seaman Trav-L-Plant or similar machines; CMI Autograder or similar machines; Slip Form Paver; Caisson Augering Machine; Mucking Machine; Asphalt Heater Planer Unit; Hydraulic Cranes; Laser Screed; engineer on Athey; Barber-Green; Euclid or Haiss Loader; Asphalt Pug Mill; Fireman and Drier; Concrete Pump; Concrete Spreader (servicing one paver); Bulldozer; Endloader; Log Chippers or similar machines; Elevating Grader; Group Equipment Greaser, LeTourneaupul and similar machines; off-road haul units; DW -10; Hyster Winch and similar machines; Motor Patrol, Power Blade, Push Cat, Tractor Pulling elevating Grader or Power Blade; Tractor Operating Scoop or Scraper; Tractor with Power Attachment; Roller on Asphalt or Blacktop; Single Drum Hoist; Jaeger Mix and Place Machine; Pipe Bending Machine; Flexaplane or similar machines; Automatic Curbing Machines; Automatic Cement and Gravel Batch Plants (one stop set-up); Seaman Pulvi-Mixer or similar machines; Blastholer; Self-propelled Rotary Drill or similar machines; Work Boat; Combination Concrete Finishing Machine and Float; Self-Propelled Sheep Foot Roller or Compactor (used in conjunction with a Grading Spread); Asphalt Spreader Screed Operator; Apsco spreader or similar machine; Forklift (over 6000 lb. cap. or, working at heights above 28 ft.); Concrete Conveyors; and Chip Spreader.

Class 2. An engineer on Asphalt Booster; Fireman and Pump Operator at Asphalt Plant; Mud Jack; Underground Boring Machine; Concrete Finishing Machine; Form Grader with Roller on Earth; Mixers (3 bag to 16E); Power Operated Bull Float; Tractor without Power attachment; Dope Pot (agitating motor); Dope Chop Machine; Distributor (back end); Straddle Carrier; Portable Machine Fireman; Hydro-Hammer; Power Winch on Paving Work; Self-propelled Roller or Compactor (other than provided for above); Pump Operator (more than one well-point pump); Portable Crusher Operator; Trench Machine (under 40 H.P.); Power Subgrader (on forms) or similar machines; Forklift (6000 lb. or less capacity); Gypsum Pump; Conveyor over 20 H.P.; Fuller Kenyon Cement Pump or similar machines; Air Compressor (400 c.f.m. or over); Light Plant; Mixers (1 or 2 bag); Power Batching Machine (Cement Auger or Conveyor); Boiler (Engineer or Fireman); Water Pumps; Mechanical Broom; Automatic Cement and Gravel Batch Plants (two or three stop set-up); Small Rubber tired Tractors (not including backhoes or endloaders); Self-propelled Curing Machine; Brush Chipper; Driver on Truck Crane or similar machines.

Class 3. Oiler; Mechanic's Helper; Mechanical Heater (other than steam boiler); Belt Machine; Small Outboard Motor Boats (Safety Boat and Life Boat); Engine Driven Welding Machine; Small Tractors (used to unroll or roll wire mesh).

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION

Class 1. Drivers on 2 axle trucks hauling less than 9 ton. Air compressor and welding machines and brooms, including those pulled by separate units, truck driver helpers, warehouse employees, mechanic helpers, greasers and tiremen, pickup trucks when hauling materials, tools, or workers to and from and on-the-job site, and fork lifts up to 6,000 lb. capacity.

Class 2. Two or three axle trucks hauling more than 9 ton but hauling less than 16 ton. A-frame winch trucks, hydrolift trucks, vector trucks or similar equipment when used for transportation purposes. Fork lifts over 6,000 lb. capacity, winch trucks, four axle combination units, and ticket writers.

Class 3. Two, three or four axle trucks hauling 16 ton or more. Drivers on water pulls, articulated dump trucks, mechanics and working forepersons, and dispatchers. Five axle or more combination units.

Class 4. Low Boy and Oil Distributors.

Class 5. Drivers who require special protective clothing while employed on hazardous waste work.

TRUCK DRIVER - OIL AND CHIP RESEALING ONLY.

This shall encompass laborers, workers and mechanics who drive contractor or subcontractor owned, leased, or hired pickup, dump, service, or oil distributor trucks. The work includes transporting materials and equipment (including but not limited to, oils, aggregate supplies, parts, machinery and tools) to or from the job site; distributing oil or liquid asphalt and aggregate; stock piling material when in connection with the actual oil and chip contract. The Truck Driver (Oil & Chip Resealing) wage classification does not include supplier delivered materials.

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

LANDSCAPING

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators

(regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.