

**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 a **Proposal Denial and/or Authorization Form**, approved by the Central Bureau of Construction, that indicates which items have been approved For Bidding. If **Authorization to Bid** cannot be approved, the **Proposal Denial and/or Authorization Form** 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](mailto: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](mailto: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?**

<b>Questions Regarding</b>	<b>Call</b>
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.

RETURN WITH BID

166

Proposal Submitted By
Name
Address
City

Letting April 3, 2009

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. 64E84  
ROCK ISLAND County  
Section (1,2,3)RS-4  
Route FAP 308  
Project ESP-0308(035)  
District 2 Construction Funds**

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 F

(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.

**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 "Request for Proposal Forms and Plans" 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 **Proposal Denial and/or Authorization Form**, approved by the Central Bureau of Construction, that indicates which items have been approved For Bidding. If **Authorization to Bid** cannot be approved, the **Proposal Denial and/or Authorization Form** will indicate the reason for denial. If a contractor has requested to bid but has not received a **Proposal Denial and/or Authorization Form**, 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

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 CD-ROMS	217/782-7806

RETURN WITH BID



PROPOSAL

TO THE DEPARTMENT OF TRANSPORTATION

1. Proposal of \_\_\_\_\_  
\_\_\_\_\_

Taxpayer Identification Number (Mandatory) \_\_\_\_\_

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

**Contract No. 64E84  
ROCK ISLAND County  
Section (1,2,3)RS-4  
Project ESP-0308(035)  
Route FAP 308  
District 2 Construction Funds**

**This contract consists of resurfacing on IL Route 92 from 16th Street to south of I-280 in Rock Island for 4.44 miles.**

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**

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. **CERTIFICATE OF AUTHORITY.** The undersigned bidder, if a business organized under the laws of another State, assures the Department that it will furnish a copy of its certificate of authority to do business in the State of Illinois with the return of the executed contract and bond. Failure to furnish the certificate within the time provided for execution of an awarded contract may be cause for cancellation of the award and forfeiture of the proposal guaranty to the State.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF PRICES  
 CONTRACT  
 NUMBER - 64E84

State Job # - C-92-080-09  
 PPS NBR - 2-14750-0000  
 County Name - ROCK ISLAND- -  
 Code - 161 - -  
 District - 2 - -  
 Section Number - (1,2,3)RS-4

Project Number  
 ESP-0308/035/

Route  
 FAP 308

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
X3120600	STAB SUB-BASE REPL 4	SQ YD	2,317.000				
Z0017100	DOWEL BARS	EACH	2,272.000				
Z0075300	TIE BARS	EACH	1,889.000				
40600200	BIT MATLS PR CT	TON	109.600				
40600300	AGG PR CT	TON	212.000				
40600535	LEV BIND HM N70	TON	120.000				
40600837	P LEV BIND MM N70	TON	8,164.000				
40600895	CONSTRUC TEST STRIP	EACH	2.000				
40600982	HMA SURF REM BUTT JT	SQ YD	2,400.000				
40600985	PCC SURF REM BUTT JT	SQ YD	1,494.000				
40600990	TEMPORARY RAMP	SQ YD	2,124.000				
40601005	HMA REPL OVER PATCH	TON	1,517.000				
40603310	HMA SC "C" N50	TON	8,614.000				
40603540	P HMA SC "D" N70	TON	11,850.000				
44000155	HMA SURF REM 1 1/2	SQ YD	2,365.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF PRICES  
 CONTRACT  
 NUMBER - 64E84

State Job # - C-92-080-09  
 PPS NBR - 2-14750-0000  
 County Name - ROCK ISLAND- -  
 Code - 161 - -  
 District - 2 - -  
 Section Number - (1,2,3)RS-4

Project Number  
 ESP-0308/035/

Route  
 FAP 308

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
44000158	HMA SURF REM 2 1/4	SQ YD	15,756.000				
44000161	HMA SURF REM 3	SQ YD	6,768.000				
44000198	HMA SURF REM VAR DP	SQ YD	16,348.000				
44002214	HMA RM OV PATCH 3 1/2	SQ YD	7,541.000				
44200517	CL A PATCH T2 7	SQ YD	2,271.000				
44200521	CL A PATCH T3 7	SQ YD	404.000				
44200523	CL A PATCH T4 7	SQ YD	544.000				
44200966	CL B PATCH T1 10	SQ YD	160.000				
44200970	CL B PATCH T2 10	SQ YD	975.000				
44200974	CL B PATCH T3 10	SQ YD	644.000				
44200976	CL B PATCH T4 10	SQ YD	2,956.000				
44201294	CL B PATCH EXPAN JT	FOOT	250.000				
44201296	DEFORMED BARS EXP JT	EACH	250.000				
44213000	PATCH REINFORCEMENT	SQ YD	3,220.000				
44213100	PAVEMENT FABRIC	SQ YD	3,622.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF PRICES  
 CONTRACT  
 NUMBER -

64E84

State Job # - C-92-080-09  
 PPS NBR - 2-14750-0000  
 County Name - ROCK ISLAND- -  
 Code - 161 - -  
 District - 2 - -  
 Section Number - (1,2,3)RS-4

Project Number  
 ESP-0308/035/

Route  
 FAP 308

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
44213200	SAW CUTS	FOOT	28,598.000				
48102100	AGG WEDGE SHLD TYPE B	TON	493.000				
60260100	INLETS ADJUST	EACH	15.000				
60260200	INLETS ADJUST SPL	EACH	52.000				
60262700	INLETS RECONST	EACH	2.000				
64200105	SHOULDER RUMBLE STRIP	FOOT	54,931.000				
67000400	ENGR FIELD OFFICE A	CAL MO	15.000				
67100100	MOBILIZATION	L SUM	1.000				
70100320	TRAF CONT-PROT 701422	L SUM	1.000				
70100420	TRAF CONT-PROT 701411	EACH	22.000				
70100825	TRAF CONT-PROT 701456	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	60.000				
70300100	SHORT-TERM PAVT MKING	FOOT	16,593.000				





## 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. By execution of the Proposal Signature Sheet, the bidder indicates that each of the mandated assurances has 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 termination of the contract and the suspension or debarment of the bidder.

#### **II. ASSURANCES**

A. 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. The Department may terminate the contract if it is later determined that the bidder rendered a false or erroneous assurance, and the surety providing the performance bond shall be responsible for the completion of the contract.

##### **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 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. The bidder assures the Department that the award and execution of the contract would not cause a violation of Section 50-10.

##### **C. 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.

### **D. 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.

### **E. 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.

### **F. Revolving Door Prohibition**

1. The Illinois Procurement Code provides:

Section 50-30. Revolving door prohibition. Chief procurement officers, associate procurement officers, State purchasing officers, 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.

### **G. 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.

### **H. 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

### **I. 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**

**A.** 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. The Department may terminate the contract if it is later determined that the bidder rendered a false or erroneous certification, and the surety providing the performance bond shall be responsible for completion of the contract.

#### **B. 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 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, 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 shall contain a certification by the contractor that the contractor is not barred from being awarded a contract or subcontract under this Section. A contractor who makes a false statement, material to the certification, commits a Class 3 felony.

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

#### **C. 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.

#### **D. 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.

## RETURN WITH BID

(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.

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.

### **E. 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.

### **F. 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

### **G. Debt Delinquency**

1. The Illinois Procurement Code provides:

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

The contractor or bidder certifies that it, or any affiliate, is not barred from being awarded a contract under 30 ILCS 500. Section 50-11 prohibits a person from entering into a contract with a State agency 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 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 contractor further acknowledges that the contracting State agency may declare the contract void if this certification is false or if the contractor, or any affiliate, is determined to be delinquent in the payment of any debt to the State during the term of the contract.

### **H. Sarbanes-Oxley Act of 2002**

1. The Illinois Procurement Code, Section 50-60(c), provides:

The contractor 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 for a period of five years prior to the date of the bid or contract. The contractor acknowledges that the contracting agency shall declare the contract void if this certification is false.

### **I. Addenda**

The contractor or bidder certifies that all relevant addenda have been incorporated in to this contract. Failure to do so may cause the bid to be declared unacceptable.

### **J. Section 42 of the Environmental Protection Act**

The contractor certifies in accordance with 30 ILCS 500/50-12 that the bidder or contractor is not barred from being awarded a contract under this Section which prohibits the bidding on or entering into contracts with the State of Illinois or a State agency 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 contractor acknowledges that the contracting agency may declare the contract void if this certification is false.

### **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.**

**NA - FEDERAL**

---

---

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.

### **L. Executive Order Number 1 (2007) Regarding Lobbying on Government Procurements**

The bidder hereby warrants and certifies that they have complied and will comply with the requirements set forth in this Order. The requirements of this warrant and certification are a material part of the contract, and the contractor shall require this warrant and certification provision to be included in all approved subcontracts.

## RETURN WITH BID

### M. Disclosure of Business Operations in Iran

Public Act 95-0616 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, offer or, 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 Act.

Failure to make the disclosure required by the Act 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.

### N. Registration with the State Board of Elections.

Public Act 95-0971, amending the Illinois Procurement Code, 30 ILCS 500, adding new sections 20-160 and 50-37, and Executive Order 3 (2008) establish new requirements affecting contributions that contractors, consultants, vendors and bidders, including affiliated persons and entities, may make to state officeholders, declared candidates for state offices and political organizations established to benefit such officeholders and candidates. These provisions do not apply to federal-aid contracts.

By submission of a bid, the bidder acknowledges and agrees that it has read and understands the requirements of PA 95-0971 and Executive Order 3 (2008), including but not limited to, all reporting requirements and all restrictions on soliciting and making contributions to state officeholders, declared candidates for state offices and covered political organizations that promote the candidacy of an officeholder or declared candidate for office. In addition, the bidder makes the following certifications:

- (1) As to Executive Order 3 (2008), the bidder certifies that no contribution will be made that would violate the order, and that the bidder will report all contributions as required by the order.
- (2) As to PA 95-0971, the bidder shall check either of the following certifications that apply:

The bidder is not required to register as a business entity with the State Board of Elections.

The bidder has registered as a business entity with the State Board of Elections, and acknowledges a continuing duty to update the registration as required the Act. **A copy of the time-stamped certificate of registration is enclosed with the bid. The Department will not award this contract without the submission of a certificate of registration.**

In accordance with Article 101.09 of the Standard Specifications for Road and Bridge Construction, this certification shall be part of the contract. Compliance with PA 95-0971 and Executive Order 3 (2008) is a material part of the contract and any breach shall be cause to void the contract under Section 50-60 of the Illinois Procurement Code.

**TO BE RETURNED 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 Department may terminate the contract if it is later determined that the bidder rendered a false or erroneous disclosure, 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.

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: For bidders that have previously submitted the information requested in Form A**

The Department has retained the Form A disclosures submitted by all bidders responding to these requirements for the April 24, 1998 or any subsequent letting conducted by the Department. The bidder has the option of submitting the information again or the bidder may check the following certification statement indicating that the information previously submitted by the bidder is, as of the date of submission, current and accurate. Before checking this certification, the bidder should carefully review its prior submissions to ensure the Certification is correct. If the Bidder checks the Certification, the Bidder should proceed to Form B instructions.

**CERTIFICATION STATEMENT**

**I have determined that the Form A disclosure information previously submitted is current and accurate, and all forms are hereby incorporated by reference in this bid. Any necessary additional forms or amendments to previously submitted forms are attached to this bid.**

\_\_\_\_\_  
(Bidding Company)



\_\_\_\_\_  
Signature of Authorized Representative

\_\_\_\_\_  
Date

**Form A: For bidders who have NOT previously submitted the information requested in Form A**

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 the second page of 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 \$102,600.00? 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 on page 2 of Form A must be signed and dated by a person that is authorized to execute contracts for your company.

**Form B: 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.

**D. Bidders Submitting More Than One Bid**

Bidders submitting multiple bids may submit one set of forms consisting of all required Form A disclosures and one Form B for use with all bids. Please indicate in the space provided below the bid item that contains the original disclosure forms and the bid items which incorporate the forms by reference.

- The bid submitted for letting item \_\_\_\_\_ contains the Form A disclosures or Certification Statement and the Form B disclosures. The following letting items incorporate the said forms by reference:

---



---

RETURN WITH BID/OFFER

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 3/1/09). (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 3/1/09) 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 3/1/09) 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 3/1/09) are you and your spouse or minor children entitled to receive (i) more than 15% in 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 for 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 3/1/09) provide the name of the 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 \$106,447.20.00, (60% of the salary of the Governor as of 3/1/09) 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 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 3/1/09) are you and your spouse or any minor children entitled to receive (i) more than 15% in the aggregate of the total distributable income from 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 State 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 \_\_\_

**APPLICABLE STATEMENT**

**This Disclosure Form A is submitted on behalf of the INDIVIDUAL named on previous page.**

Completed by:  \_\_\_\_\_ Date \_\_\_\_\_  
Signature of Individual or Authorized Representative

**NOT APPLICABLE STATEMENT**

**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

RETURN WITH BID/OFFER

**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. 64E84  
ROCK ISLAND County  
Section (1,2,3)RS-4  
Project ESP-0308(035)  
Route FAP 308  
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 only 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**

**ADDITIONAL FEDERAL REQUIREMENTS**

In addition to the Required Contract Provisions for Federal-Aid Construction Contracts (FHWA 1273), all bidders make the following certifications.

- A. By the execution of this proposal, the signing bidder certifies that the bidding entity has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action, in restraint of free competitive bidding in connection with the submitted bid. This statement made by the undersigned bidder is true and correct under penalty of perjury under the laws of the United States.
- B. CERTIFICATION, EQUAL EMPLOYMENT OPPORTUNITY:
1. Have you participated in any previous contracts or subcontracts subject to the equal opportunity clause. YES \_\_\_\_\_ NO \_\_\_\_\_
  2. If answer to #1 is yes, have you filed with the Joint Reporting Committee, the Director of OFCC, any Federal agency, or the former President's Committee on Equal Employment Opportunity, all reports due under the applicable filing requirements of those organizations? YES \_\_\_\_\_ NO \_\_\_\_\_

**RETURN WITH BID**

**Contract No. 64E84  
ROCK ISLAND County  
Section (1,2,3)RS-4  
Project ESP-0308(035)  
Route FAP 308  
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) Corporate Name \_\_\_\_\_  
By \_\_\_\_\_  
Signature of Authorized Representative \_\_\_\_\_  
Typed or printed name and title of Authorized Representative \_\_\_\_\_

(IF A JOINT VENTURE, USE THIS SECTION FOR THE MANAGING PARTY AND THE SECOND PARTY SHOULD SIGN BELOW) 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

\_\_\_\_\_  
(Company Name) (Company Name)

By \_\_\_\_\_ By: \_\_\_\_\_  
(Signature & Title) (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. 64E84  
ROCK ISLAND County  
Section (1,2,3)RS-4  
Project ESP-0308(035)  
Route FAP 308  
District 2 Construction Funds**



**Illinois Department of Transportation**



## 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., April 3, 2009. 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. 64E84  
ROCK ISLAND County  
Section (1,2,3)RS-4  
Project ESP-0308(035)  
Route FAP 308  
District 2 Construction Funds**

**This contract consists of resurfacing on IL Route 92 from 16th Street to south of I-280 in Rock Island for 4.44 miles.**

- 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,  
Acting Secretary

INDEX  
 FOR  
 SUPPLEMENTAL SPECIFICATIONS  
 AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2009

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 1-1-09)

SUPPLEMENTAL SPECIFICATIONS

<u>Std. Spec. Sec.</u>	<u>Page No.</u>
201 Clearing, Tree Removal and Protection .....	1
205 Embankment .....	2
251 Mulch .....	3
253 Planting Woody Plants .....	4
280 Temporary Erosion Control .....	6
443 Reflective Crack Control Treatment .....	7
502 Excavation for Structures .....	10
503 Concrete Structures .....	11
504 Precast Concrete Structures .....	12
505 Steel Structures .....	13
540 Box Culverts .....	14
581 Waterproofing Membrane System .....	15
633 Removing and Reerecting Guardrail and Terminals .....	16
669 Removal and Disposal of Regulated Substances .....	17
672 Sealing Abandoned Water Wells .....	18
701 Work Zone Traffic Control and Protection .....	19
733 Overhead Sign Structures .....	20
783 Pavement Marking and Marker Removal .....	21
801 Electrical Requirements .....	22
805 Electrical Service Installation – Traffic Signals .....	23
836 Pole Foundation .....	24
838 Breakaway Devices .....	25
862 Uninterruptable Power Supply .....	26
873 Electric Cable .....	28
878 Traffic Signal Concrete Foundation .....	30
1004 Coarse Aggregates .....	31
1008 Structural Steel Coatings .....	32
1010 Finely Divided Materials .....	33
1020 Portland Cement Concrete .....	34
1022 Concrete Curing Materials .....	43
1024 Nonshrink Grout .....	44
1042 Precast Concrete Products .....	45
1062 Reflective Crack Control System .....	47
1069 Pole and Tower .....	49
1074 Control Equipment .....	52
1076 Wire and Cable .....	57
1081 Materials for Planting .....	58
1083 Elastomeric Bearings .....	60
1094 Overhead Sign Structures .....	61
1101 General Equipment .....	62
1102 Hot-Mix Asphalt Equipment .....	63
1106 Work Zone Traffic Control Devices .....	64

RECURRING SPECIAL PROVISIONS

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

<u>CHECK SHEET #</u>	<u>PAGE</u>
<u>NO.</u>	
1	X Additional State Requirements For Federal-Aid Construction Contracts (Eff. 2-1-69) (Rev. 1-1-07) ..... 65
2	X Subletting of Contracts (Federal-Aid Contracts) (Eff. 1-1-88) (Rev. 5-1-93) ..... 67
3	X EEO (Eff. 7-21-78) (Rev. 11-18-80) ..... 68
4	Specific Equal Employment Opportunity Responsibilities Non Federal-Aid Contracts (Eff. 3-20-69) (Rev. 1-1-94) ..... 78
5	Required Provisions - State Contracts (Eff. 4-1-65) (Rev. 1-1-07) ..... 83
6	Reserved ..... 88
7	Reserved ..... 89
8	Haul Road Stream Crossings, Other Temporary Stream Crossings, and In-Stream Work Pads (Eff. 1-2-92) (Rev. 1-1-98) ..... 90
9	Construction Layout Stakes Except for Bridges (Eff. 1-1-99) (Rev. 1-1-07) ..... 91
10	Construction Layout Stakes (Eff. 5-1-93) (Rev. 1-1-07) ..... 94
11	Use of Geotextile Fabric for Railroad Crossing (Eff. 1-1-95) (Rev. 1-1-07) ..... 97
12	Subsealing of Concrete Pavements (Eff. 11-1-84) (Rev. 1-1-07) ..... 99
13	Hot-Mix Asphalt Surface Correction (Eff. 11-1-87) (Rev. 1-1-09) ..... 103
14	Pavement and Shoulder Resurfacing (Eff. 2-1-00) (Rev. 1-1-09) ..... 105
15	PCC Partial Depth Hot-Mix Asphalt Patching (Eff. 1-1-98) (Rev. 1-1-07) ..... 106
16	X Patching with Hot-Mix Asphalt Overlay Removal (Eff. 10-1-95) (Rev. 1-1-07) ..... 108
17	Polymer Concrete (Eff. 8-1-95) (Rev. 1-1-08) ..... 109
18	PVC Pipeliner (Eff. 4-1-04) (Rev. 1-1-07) ..... 111
19	Pipe Underdrains (Eff. 9-9-87) (Rev. 1-1-07) ..... 112
20	Guardrail and Barrier Wall Delineation (Eff. 12-15-93) (Rev. 1-1-97) ..... 113
21	Bicycle Racks (Eff. 4-1-94) (Rev. 1-1-07) ..... 117
22	Temporary Modular Glare Screen System (Eff. 1-1-00) (Rev. 1-1-07) ..... 119
23	Temporary Portable Bridge Traffic Signals (Eff. 8-1-03) (Rev. 1-1-07) ..... 121
24	Work Zone Public Information Signs (Eff. 9-1-02) (Rev. 1-1-07) ..... 123
25	Night Time Inspection of Roadway Lighting (Eff. 5-1-96) ..... 124
26	English Substitution of Metric Bolts (Eff. 7-1-96) ..... 125
27	English Substitution of Metric Reinforcement Bars (Eff. 4-1-96) (Rev. 1-1-03) ..... 126
28	Calcium Chloride Accelerator for Portland Cement Concrete (Eff. 1-1-01) ..... 127
29	Reserved ..... 128
30	Quality Control of Concrete Mixtures at the Plant (Eff. 8-1-00) (Rev. 1-1-09) ..... 129
31	Quality Control/Quality Assurance of Concrete Mixtures (Eff. 4-1-92) (Rev. 1-1-09) ..... 137
32	Asbestos Bearing Pad Removal (Eff. 11-1-03) ..... 149
33	Asbestos Hot-Mix Asphalt Surface Removal (Eff. 6-1-89) (Rev. 1-1-09) ..... 150

## TABLE OF CONTENTS

LOCATION OF PROJECT .....	1
DESCRIPTION OF PROJECT .....	1
TRAFFIC CONTROL PLAN .....	1
ENGINEER'S FIELD OFFICE TYPE A .....	4
COMPACTION OF POLYMERIZED HOT-MIX ASPHALT CONCRETE .....	5
DETECTOR LOOP, SPECIAL .....	5
GEOTECHNICAL REINFORCEMENT .....	6
HOT MIX ASPHALT – DENSITY TESTING OF LONGITUDINAL JOINTS (BMPR).....	8
STABILIZED SUB-BASE REPLACEMENT, 4 INCH .....	9
INLETS TO BE ADJUSTED (SPECIAL) .....	9
COMPLETION OF PROJECT WITH WORKING DAYS.....	9
AMERICAN RECOVERY AND REINVESTMENT ACT SIGNING (BDE) .....	10
APPROVAL OF PROPOSED BORROW AREAS, USE AREAS, AND/OR WASTE AREAS INSIDE ILLINOIS STATE BORDERS (BDE) .....	13
CEMENT (BDE) .....	13
CONCRETE ADMIXTURES (BDE) .....	15
CONSTRUCTION AIR QUALITY – DIESEL VEHICLE EMISSIONS CONTROL (BDE).....	18
CONSTRUCTION AIR QUALITY - IDLING RESTRICTIONS (BDE).....	20
DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION (BDE) .....	21
DOWEL BARS (BDE) .....	28
EQUIPMENT RENTAL RATES (BDE).....	29
HOT-MIX ASPHALT - FIELD VOIDS IN THE MINERAL AGGREGATE (BDE).....	30
HOT-MIX ASPHALT – PLANT TEST FREQUENCY (BDE).....	31
HOT-MIX ASPHALT – TRANSPORTATION (BDE) .....	33
LIQUIDATED DAMAGES (BDE).....	33
MONTHLY EMPLOYMENT REPORT (BDE) .....	34
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM / EROSION AND SEDIMENT CONTROL DEFICIENCY DEDUCTION (BDE) .....	36
PARTIAL EXIT RAMP CLOSURE FOR FREEWAY/EXPRESSWAY (BDE) .....	36
PAVEMENT MARKING REMOVAL (BDE).....	37
PAYMENTS TO SUBCONTRACTORS (BDE) .....	37
PAYROLLS AND PAYROLL RECORDS (BDE).....	38
PERSONAL PROTECTIVE EQUIPMENT (BDE) .....	39
POLYUREA PAVEMENT MARKING (BDE).....	40
RECLAIMED ASPHALT PAVEMENT (RAP) (BDE) .....	46
REFLECTIVE SHEETING ON CHANNELIZING DEVICES (BDE) .....	53
REINFORCEMENT BARS (BDE) .....	53
REINFORCEMENT BARS - STORAGE AND PROTECTION (BDE).....	55

SUBCONTRACTOR MOBILIZATION PAYMENTS (BDE) ..... 55  
BITUMINOUS MATERIALS COST ADJUSTMENTS (BDE) (RETURN FORM WITH BID) ..... 55  
STEEL COST ADJUSTMENT (BDE) (RETURN FORM WITH BID) ..... 58

**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 FAP Route 308 (IL 92), Project ESP-0308(035), Section (1, 2, 3)RS-4, Rock Island County, Contract No. 64E84, 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**

IL 92 from 16<sup>th</sup> Street to south of I-280 in Rock Island.

**DESCRIPTION OF PROJECT**

Pavement patching and hot-mix asphalt resurfacing.

**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	701400	701401	701411	701426	701456
701601	701701	701901			

Details:

District Standard 91.2  
District Standard 94.2  
District Standard 39.1

## 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.

"UNEVEN LANES" W8-11(O)48 signs shall be installed at 2 mile intervals or as directed by the Engineer on roadways where the posted speed limit is greater than 40 mph.

"LOW SHOULDER" W8-9(O)48 signs shall be installed at 2 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.

## 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:

Flaggers shall comply with all requirements contained in the Department's "Flagger Handbook" with the following exception: The ANSI Class 2 vest will not be supplied by the Department.

In addition to the flaggers shown on applicable standards, on major sideroads listed below, flaggers shall be required on all legs of the intersection. Major sideroads for this project shall be 14<sup>th</sup> Street and 16<sup>th</sup> Street.

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.

**Pavement Marking:**

All temporary pavement markings that will be operational during the winter months (December through March) shall be paint.

Temporary pavement markings shall not be included in the cost of the standard rather it shall be paid for separately at the contract unit prices of specified temporary pavement marking items.

**Highway Standards Application.**

Traffic Control and Protection Standards 701401 and 701422: This work shall be done according to Standard 701401 and Section 701 of the Standard Specifications. The Contractor shall be required to install the 701401 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 701401 and 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 701401.

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 interstate 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.

Maintenance of Traffic: Traffic shall be maintained using Traffic Control and Protection Standard 701401 or 701601.

Patching and resurfacing of the ramps shall be completed using Traffic Control and Protection Standard 701456.

The sawing of patches, resurfacing and placing of shoulder aggregate shall be completed using Traffic Control and Protection Standard 701401 or 701601.

The pavement patch removal and replacement shall be completed using Traffic Control and Protection Standard 701401 or 701601.

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

The resurfacing and placing of shoulder aggregate shall be completed using Traffic Control and Protection Standard 701401 or 701601.

Placing and removing pavement marking shall be completed using Traffic Control and Protection Standard 701401, 701601 or 701701.

Patching in the intersection of IL 92 and 16<sup>th</sup> Street shall be completed using flaggers at the intersection while patching operations are being completed. The intersection shall not be closed to traffic at any time and the contractor will have to complete the large patches in stages. Flaggers will be required at each leg of the intersection for the entire duration of patching and until the patch has gained sufficient strength to open all lanes up to traffic. Traffic control for this operation and the additional flaggers will be included in the cost of Traffic Control and Protection Standard 701701.

### **ENGINEER'S FIELD OFFICE TYPE A**

Effective: December 8, 2006

Revise Article 670.02 (i) of the Standard Specifications to read:

Provide a minimum of two (2) communication paths to each Field Office. The configuration would include (A) three (3) wireless CDMA based mobile phone connections, and (B) one (1) wireless data router with wireless data connection, encryption and WiFi capabilities to access the internet for the exclusive use of the Engineer(s). All wireless communication devices must have a single point of contact for support for the resident engineer and IDOT staff.

Each mobile phone must have the following capabilities:

1. A minimum of 500 anytime minutes per month
2. Voice Mail capabilities
3. On network free minutes
4. Unlimited Long Distance
5. Unlimited Roaming
6. Speaker Phone

Each Wireless Data Router must have the following capabilities:

#### Connection

1. CDMA wireless technology with authentication and identification system for security
2. CDMA based EV-DO(rev.A) transmission capabilities
3. EVDO (rev.A) must be backward compatible through both EVDO (rev0) and 1XRTT
4. Connection must be capable of Compression in order to optimize the connection speed.

#### Router

5. A minimum of four (4) Ethernet ports for wired connection
6. Be capable of 802.11b & g for wireless LAN Interface
7. Configurable ability to port data to fax capabilities through the router using efax or IP fax devices

8. Automatic receipt of IP addresses with DHCP server
9. Configurable OFDM (Orthogonal Frequency Division Multiplexing) technology

Security

10. Configurable capable of 64-bit or 128-bit WEP encryption, WPA-PSK authentication wireless security (WiFi Protected Access - Pre-shared Key Mode)
11. Configurable LAN Security: NAT with DHCP, PPTP VPN Pass-through, MAC Filtering, IP Filtering, Filter Scheduling
12. Configurable firewall security at the router

Misc.

13. Capable of operating temperatures between 32° to 131°F (0° to 55°C)

The contractor will be responsible for the installation, connection and disconnection of all service. These communication costs shall be contracted at the lowest cost available for the region of service. Any deviation from the desired configurations shall be subject to the approval of the District Construction Engineer.

Should the contractor need technical advice on potential providers or other clarification, they can contact the Regional IT Manager at (815) 284-5495.

### **COMPACTION OF POLYMERIZED HOT-MIX ASPHALT CONCRETE**

Effective January 16, 2002

This work shall consist of furnishing a pneumatic tired roller as specified in Article 406, in addition to all other rollers specified in the Standard Specifications. The spray system shall be in good working order. The tires shall be in good condition and be constructed heavy enough to withstand 90 to 110 psi inflation pressures on a continual basis. An approved water based release agent shall be utilized on the tires similar to, but not limited to, Tech Shield that effectively prevents mix adhesion. The dilution rate shall be as per manufacturer's recommendations. The mixture compaction temperature will be the maximum possible without experiencing surface damage to the mix caused by adhesion to the tires. The recommended range is from 200° to 260° Fahrenheit. This work shall be included in the cost of the polymerized Hot-Mix Asphalt concrete of the type and size specified.

### **DETECTOR LOOP, SPECIAL**

Effective: August 5, 2008

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

This item shall include replacing any conduit stubs damaged during the surface grinding process.

For appropriate layout of Detector Loop, the Illinois DOT Bureau of Operations, Scott

Kullerstrand (815/284-5468), 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.

**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.

### **HOT MIX ASPHALT – DENSITY TESTING OF LONGITUDINAL JOINTS (BMPR)**

Effective: January 1, 2007

Revised: February 20, 2008

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). This work shall be according to Section 1030 of the Standard Specifications except as follows.

#### Definitions:

Density Test Location: The station location used for density testing.

Density Test Site: Individual test site where a single joint density value is determined.

Joint Density Value: The density determined at a given density test site from the average of two or potentially three readings.

#### Quality Control/Quality Assurance (QC/QA)

1030.05(a)(4) Replace with the following:

“Illinois-Modified ASTM 2950, Standard Test Method for Determination of Density of Bituminous Concrete In-Place by Nuclear Methods (Density Modified)”

1030.05(d)(3) Add the following paragraphs:

“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 two inches, from each pavement edge (i.e. for a four inch lift the near edge of the density gauge or core barrel shall be within four inches from the edge of pavement). It shall be documented as to whether the joint was confined or unconfined.

The joint density value shall be determined using either a correlated nuclear gauge or cores. When using a correlated nuclear gauge, two one-minute density readings shall

be taken at the given density test site. The gauge shall be rotated 180 degrees between readings. If the two readings are not within 1.5 lb/cu ft (23 kg/cu m) then one additional reading shall be taken. Additional density readings taken at a given site shall not be allowed to replace the original density readings unless an obvious error has occurred (i.e. the nuclear gauge was sitting on debris).

1030.05(d) (4) Add the following to density control limits:

Mixture/Parameter	Joint Density Value
All HMA Mixtures	≥ 90.0%

### **STABILIZED SUB-BASE REPLACEMENT, 4 INCH**

Effective: February 3, 2009

This work shall be done in accordance with the applicable portions of Section 312 of the Standard Specifications.

This work shall consist of the removal of the disturbed or unsuitable sub-base material under areas of the pavement patching. The sub-base replacement material shall meet the requirements in Section 442, Article 442.02, Note 1, and be used to restore the sub-base to the existing line and grade.

The placement of the material for the patch shall be placed upon the newly replaced sub-base upon the approval of the Engineer.

Quantities for this work have been estimated at 25% of the pavement removal and replacement and the final quantities shall be determined in the field by the Engineer.

This work will be measured and paid for at the contract unit price per Square Yard for STABILIZED SUB-BASE REPLACEMENT, 4 INCH.

### **INLETS TO BE ADJUSTED (SPECIAL)**

Effective: February 3, 2009

This work shall consist of adjusting the inlets along the median shoulder according to the detail provided in the plans. The contractor shall verify, in the field, the thickness of the concrete shoulder before doing any type of work. The contractor is not to saw into the existing concrete lid. The depth of the concrete shoulder will be a minimum of 5" and the contractor shall remove a minimum of 5" around the casting in order to adjust the inlet and a maximum thickness equal to the concrete shoulder thickness. This work will be measured and paid for at the contract unit price per EACH for INLETS TO BE ADJUSTED (SPECIAL).

### **COMPLETION OF PROJECT WITH WORKING DAYS**

Effective: February 3, 2009

This project shall be completed in two stages. The first stage of work shall be from the

beginning of the project, which is station 1369+03 to the south side of the Rock River Bridge. This section of the job shall be allotted **40** working days and has to be completed in the 2009 calendar year. If not completed within the 40 working days or in the 2009 calendar year, liquidated damages will be assessed. The second stage of the job will be from the north side of the Rock River Bridge to the end of the project, which is station 1603+33. The work shall be completed in the 2010 calendar year and there will be **65** working days allotted for this section of the project. Work on the second stage of the project cannot begin until April 1, 2010. No work will be allowed north of the Rock River Bridge in the 2009 calendar year due to work on bridges north of the Rock River Bridge. Working days will not roll over from the 2009 to the 2010 calendar year. If the sections are not completed within the allotted times, the contractor will be assessed liquidated damages.

### **AMERICAN RECOVERY AND REINVESTMENT ACT SIGNING (BDE)**

Effective: April 1, 2009

Description. This work shall consist of furnishing, fabricating and installing sign panels, complete with sign faces, legend, and supplemental panels according to Section 720 of the Standard Specifications and as specified herein.

Materials. The "Putting America to Work" sign shall be fabricated using Type AP fluorescent orange sheeting for the background material with black vinyl or black opaque ink legend, symbol and borders. The "American Recovery and Reinvestment Act" sign shall be fabricated using Type AP green sheeting for the background with Type AP white sheeting for the legend and border. A green translucent overlay film may also be used over white Type AP sheeting to fabricate the "American Recovery and Reinvestment Act" sign.

Sign Layout. See following attachment.

General. The signs shall be erected to applicable portions of Article 701.14 of the Standard Specifications. These signs shall be erected midway between the first and second warning signs as required by the traffic control plan and standards utilized for this project. If the second warning sign is defining a moving or intermittent operation, the sign may be maintained at a distance of 500 ft (150 m) beyond the first post mounted ROAD CONSTRUCTION AHEAD sign. The signs shall remain in place for the duration of the project. Upon completion of the project, the signs and posts shall be removed and shall remain the property of the Contractor.

Basis of Payment. This work will not be paid for separately but shall be included in the cost of Traffic Control items as shown on the plans.

Attachment

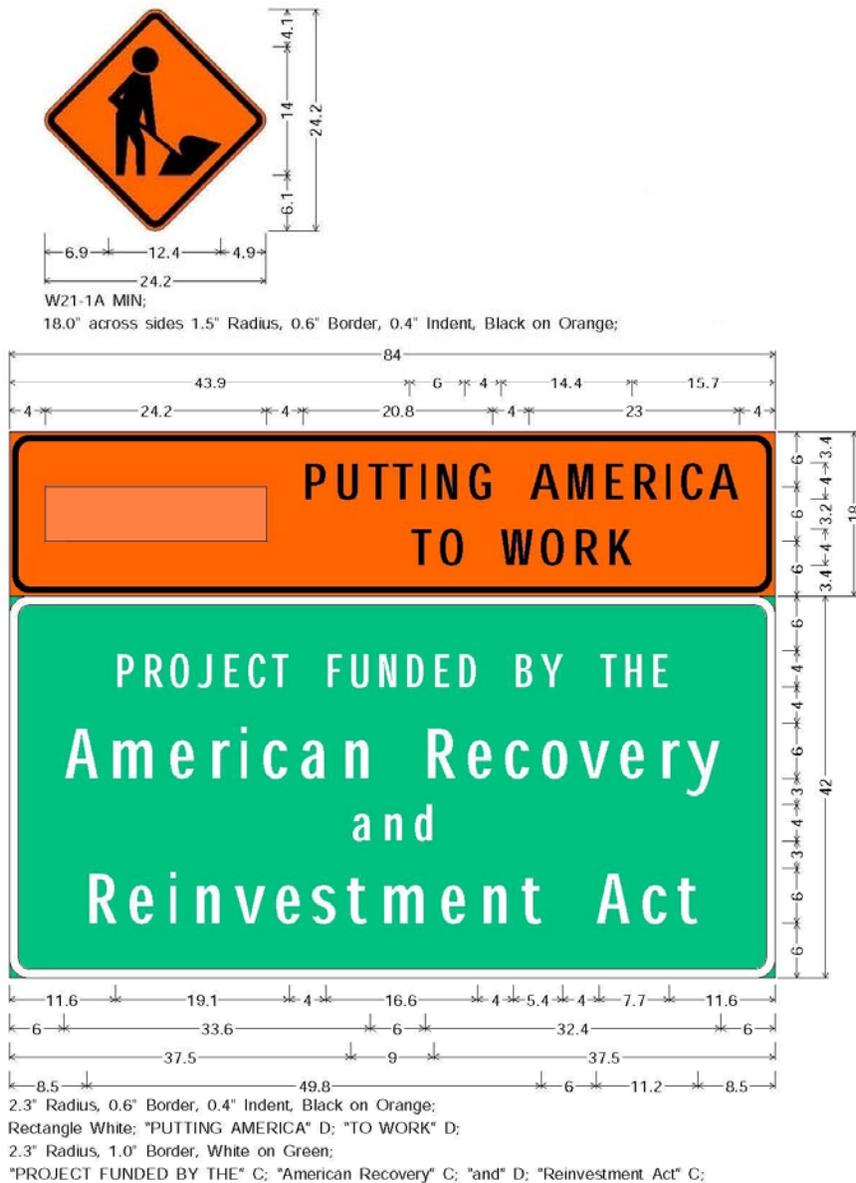
**PROJECT FUNDING SOURCE SIGN ASSEMBLY  
AMERICAN RECOVERY AND REINVESTMENT ACT  
SIGN LAYOUT DETAILS**



PROJECT FUNDING SOURCE  
SIGN ASSEMBLY

(Note: Outline of small rectangle on plaque shall be removed.)

# PROJECT FUNDING SOURCE SIGN ASSEMBLY AMERICAN RECOVERY AND REINVESTMENT ACT SIGN LAYOUT DETAILS



## PROJECT FUNDING SOURCE SIGN ASSEMBLY

(Note: Outline of small rectangle on plaque shall be removed.)

**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 and independent lab. All other information in ASTM C 1582 shall be from and 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

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).

In addition, all construction motor vehicles (both on-road and off-road, gasoline or diesel fuel powered) shall comply with all pertinent State and Federal regulations relative to exhaust emission controls and safety, including opacity. Frequently Asked Questions (FAQ's) regarding Illinois Environmental Protection Agency (IEPA) emissions testing for gasoline powered vehicles can be accessed at (<http://www.epa.state.il.us/air/vim/faqs.html>) . Regulations regarding diesel

powered vehicles over 16,000 lb (7260 kg), and the Diesel Emission Inspection Program (Title 92: Transportation Part 460, Diesel Emission Inspection Program, Subpart A: General) can be accessed at (<http://www.ilga.gov/commission/jcar/admincode/092/09200460sections.html>). Diesel powered vehicles less than 16,000 lb (7260 kg) are exempt from testing by the Department. All diesel powered equipment used on the project site shall be subject to reasonable, random spot checks for compliance with the required emissions controls and proper diesel fuel usage. The Secretary of State, Illinois State Police and other law enforcement officers will enforce Part 460. For additional information concerning Illinois diesel emission inspection requirements, please call the Illinois Department of Transportation, Diesel Emission Inspections Unit, at 217-557-6081.

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 with each piece of diesel powered equipment. The addition or deletion of any diesel powered equipment shall be included in the summary and noted on the monthly report.

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: November 1, 2008

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 or most recent addendum.

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 6.00% 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 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 firmly committed 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](http://www.dot.il.gov).

BIDDING PROCEDURES. Compliance with the bidding procedures of this Special Provision is required prior to the award of the contract and the failure of the as-read low bidder to comply will render the bid not responsive.

- (a) In order to assure the timely award of the contract, the as-read low bidder shall submit a Disadvantaged Business Utilization Plan on Department form SBE 2026 within seven working days after the date of letting. To meet the seven day requirement, the bidder may send the Plan by certified mail or delivery service within the seven working day period. If a question arises concerning the mailing date of a Plan, the mailing date will be established by the U.S. Postal Service postmark on the original certified mail receipt from the U.S. Postal Service or the receipt issued by a delivery service. It is the responsibility of the bidder to ensure that the postmark or receipt date is affixed within the seven working days if the bidder intends to rely upon mailing or delivery to satisfy the

submission day requirement. The Plan is to be submitted 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). It is the responsibility of the bidder to obtain confirmation of telefax delivery. The Department will not accept a Utilization Plan if it does not meet the seven day submittal requirement and the bid will be declared not responsive. In the event the bid is declared not responsive due to a failure to submit a Plan or failure to comply with the bidding procedures set forth herein, the Department may elect to cause the forfeiture of the penal sum of the bidder's proposal guaranty, and may deny authorization to bid the project if re-advertised for bids. The Department reserves the right to invite any other bidder to submit a Utilization Plan at any time for award consideration or to extend the time for award.

- (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. The signatures on these forms must be original signatures. All elements of information indicated on the said form shall be provided, including but not limited to the following:
  - (1) The name and address of each DBE to be used;
  - (2) A description, including pay item numbers, of the commercially useful work to be done by each DBE;
  - (3) The price to be paid to each DBE for the identified work specifically stating 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) A commitment statement signed by the bidder and each DBE evidencing availability and intent to perform commercially useful work on the project; and
  - (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).
- (d) The contract will not be awarded until the Utilization Plan submitted by the bidder is approved. The Utilization Plan will be approved by the Department if the Plan commits sufficient commercially useful DBE work performance to meet the contract goal. The Utilization Plan will not be approved by the Department if the Plan does not commit sufficient DBE performance to meet the contract goal unless the bidder documents that it

made a good faith effort to meet the goal. The good faith procedures of Section VIII of this special provision apply. If the Utilization Plan is not approved because it is deficient in a technical matter, unless waived by the Department, the bidder will be notified and will be allowed no less than a five working day period in order to cure the deficiency.

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 full value of all such DBE trucks operated using DBE employed drivers. Goal credit will be limited to the value of the reasonable fee or commission received by the DBE if trucks are leased from a non-DBE company.
- (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.

GOOD FAITH EFFORT PROCEDURES. If the bidder cannot obtain sufficient DBE commitments to meet the contract goal, the bidder must document in the Utilization Plan the good faith efforts made in the attempt 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 could reasonably be expected to obtain sufficient DBE participation. The Department will consider the quality, quantity, and intensity of the kinds of efforts that the bidder has made. Mere *pro forma* efforts are not good faith efforts; rather, the bidder is expected to have taken those 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 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 a good faith effort has not been made, the Department will notify the bidder of that preliminary determination by contacting the responsible company official designated in the Utilization Plan. The preliminary determination shall include a statement of reasons why good faith efforts have not been found, and may include additional good faith efforts that the bidder could take. The notification will designate a five working day period during which the bidder shall take additional efforts. The bidder is not limited by a statement of additional efforts, but may take other action beyond any stated additional efforts in order to obtain additional DBE commitments. The bidder shall submit an amended Utilization Plan if additional DBE commitments to meet the contract goal are secured. If additional DBE commitments sufficient to meet the contract goal are not secured, the bidder shall report the final good faith efforts made in the time allotted. All additional efforts taken by the bidder will be considered as part of the bidder's good faith efforts. If the bidder is not able to meet the goal after taking additional efforts, the Department will make a pre-final determination of the good faith efforts of the bidder and will notify the designated responsible company official of the reasons for an adverse determination.
- (c) The bidder may request administrative reconsideration of a pre-final determination adverse to the bidder within the five working days after 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 pre-final 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. In addition, the request shall be considered a consent by the bidder to extend the time for award. 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.

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 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) 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. If a DBE listed in the Utilization Plan is terminated for reasons other than convenience, or fails to complete its work on the contract for any reason, the Contractor shall make good faith efforts to find another DBE to substitute for the terminated 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 DBE that was terminated, but only to the extent needed to meet the contract goal or the amended contract goal. 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.

- (c) 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 Plan, the Department will deduct from contract payments to the Contractor the amount of the goal not achieved as liquidated and ascertained damages.
- (d) 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.
- (e) 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.

**DOWEL BARS (BDE)**

Effective: April 1, 2007

Revised: January 1, 2008

Revise the fifth and sixth sentences of Article 1006.11(b) of the Standard Specifications to read:

"The bars shall be epoxy coated according to AASHTO M 284, except the thickness of the epoxy shall be 7 to 12 mils (0.18 to 0.30 mm) and patching of the ends will not be required. The epoxy coating applicator shall be certified according to the current Bureau

of Materials and Physical Research Policy Memorandum, "Epoxy Coating Plant Certification Procedure". The Department will maintain an approved list."

### **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.

$$\text{FHWA hourly rate} = (\text{monthly rate}/176) \times (\text{model year adj.}) \times (\text{Illinois adj.}) + \text{EOC}$$

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:  $0.5 \times (\text{FHWA hourly rate} - \text{EOC})$ .

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 - FIELD VOIDS IN THE MINERAL AGGREGATE (BDE)**

Effective: April 1, 2007

Revised: April 1, 2008

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

"Parameter	Frequency of Tests	Frequency of Tests	Test Method See Manual of Test Procedures for Materials
	High ESAL Mixture Low ESAL Mixture	All Other Mixtures	
VMA	Day's production ≥ 1200 tons:	N/A	Illinois-Modified AASHTO R 35
Note 5.	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)		

Note 5. 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.”

Add the following to the Control Limits table in Article 1030.05(d)(4) of the Standard Specifications:

"CONTROL LIMITS			
Parameter	High ESAL Low ESAL	High ESAL Low ESAL	All Other
	Individual Test	Moving Avg. of 4	Individual Test
VMA	-0.7 % <sup>2/</sup>	-0.5 % <sup>2/</sup>	N/A

2/ Allowable limit below minimum design VMA requirement”

Add the following to the table in Article 1030.05(d)(5) of the Standard Specifications:

"CONTROL CHART REQUIREMENTS	High ESAL Low ESAL	All Other
	VMA”	

Revise the heading of Article 1030.05(d)(6)a.1. of the Standard Specifications to read:

“1. Voids, VMA, and Asphalt Binder Content.”

Revise the first sentence of the first paragraph of Article 1030.05(d)(6)a.1.(a.) of the Standard Specifications to read:

“If the retest for voids, VMA, or asphalt binder content exceeds control limits, HMA production shall cease and immediate corrective action shall be instituted by the Contractor.”

Revise the table in Article 1030.05(e) of the Standard Specifications to read:

“Test Parameter	Acceptable Limits of Precision
% Passing: <sup>1/</sup>	
1/2 in. (12.5 mm)	5.0 %
No. 4 (4.75 mm)	5.0 %
No. 8 (2.36 mm)	3.0 %
No. 30 (600 μm)	2.0 %
Total Dust Content No. 200 (75 μm) <sup>1/</sup>	2.2 %
Asphalt Binder Content	0.3 %
Maximum Specific Gravity of Mixture	0.026
Bulk Specific Gravity	0.030
VMA	1.4 %
Density (% Compaction)	1.0 % (Correlated)

1/ Based on washed ignition.”

**HOT-MIX ASPHALT – PLANT TEST FREQUENCY (BDE)**

Effective: April 1, 2008

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  Hot bins for batch and continuous plants.  Individual cold-feed or combined belt-feed for drier drum plants.  % 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 dry gradation per day of production (either morning or afternoon sample).  and 1 washed ignition oven test on the mix per day of production (conduct in the afternoon if dry gradation is conducted in the morning or vice versa).  Note 3.  Note 4.	1 gradation per day of production.  The first day of production shall be a washed ignition oven test on the mix. Thereafter, the testing shall alternate between dry gradation and washed ignition oven test on the mix.  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
Air Voids  Bulk Specific Gravity of Gyrotory 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"

**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.”

**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

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) A listing of the total number of employees.
- b) The employee job classification.
- c) The total hours worked and payroll for each employee.

The report shall be completed by the Contractor and 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 10 business days after the end of each month.

The report shall be submitted electronically in a format determined by the Engineer. See attachment for potential reporting format.

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.

**Attachment**

<b>MONTHLY PRIME AND SUBCONTRACTOR EMPLOYMENT REPORT AMERICAN RECOVERY AND REINVESTMENT ACT</b>			
1. First day of reporting period (mm/dd/yyyy)	2. Last day of reporting period (mm/dd/yyyy)	3. Notice to Proceed Date (mm/dd/yyyy)	
4. NAME AND ADDRESS OF FIRM		5. FEDERAL AID PROJECT NUMBER	
		5. State Project Number (if D)	
7. CONTRACTING AGENCY		8. STATE (or Federal Lands Region)	
<b>Employment Data</b>			
Direct, On-Project Jobs	TOTAL EMP. CYCLES	TOTAL HOURS	TOTAL PAYROLL
<b>CONSTRUCTION</b>	NEW HIRES		
	EXISTING EMPLOYEES		
<b>NON-CONSTRUCTION</b>	NEW HIRES		
	EXISTING EMPLOYEES		
<b>TOTAL</b>			
10. PREPARED BY (Signature and Title)			DATE
11. REVIEWED BY (Signature and Title of State Highway Official)			DATE

This form is issued in association with the American Recovery and Reinvestment Act of 2009

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

Effective: April 1, 2007

Revised: November 1, 2008

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 fraction thereof the deficiency exists. The calendar day(s) will begin with notification to the Contractor and end with the Engineer’s acceptance of the correction. The daily monetary deduction will be either \$1000.00 or 0.05 percent of the awarded contract value, whichever is greater. For those deficiencies where corrective action was not an option, the monetary deduction will be immediate and will be valued at one calendar day.”

**PARTIAL EXIT RAMP CLOSURE FOR FREEWAY/EXPRESSWAY (BDE)**

Effective: January 1, 2009

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

Add the following after the fourth paragraph of Article 701.07 of the Standard Specifications:

“Drop-offs at the edge of pavement greater than 1 1/2 in. (40 mm) caused by the Contractor’s operations will be allowed only on one side of the ramp at a time.”

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

Delete the third paragraph of Article 701.18(e)(3) of the Standard Specifications.

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, 701456, 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 701456;”

#### **PAVEMENT MARKING REMOVAL (BDE)**

Effective: April 1, 2009

Add the following to the end of the first paragraph of Article 783.03(a) of the Standard Specifications:

“The use of grinders will not be allowed on new surface courses.”

#### **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.

#### **PAYROLLS AND PAYROLL RECORDS (BDE)**

Effective: March 1, 2009

FEDERAL AID CONTRACTS. Revise the following section of Check Sheet #1 of the Recurring Special Provisions to read:

##### **"STATEMENTS AND PAYROLLS**

The payroll records shall include each worker's name, address, telephone number, social security number, classification, rate of pay, number of hours worked each day, starting and ending times of work each day, total hours worked each week, itemized deductions made, and actual wages paid.

The Contractor and each subcontractor shall submit payroll records to the Engineer each week from the start to the completion of their respective work, except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall include an identification number for each employee (e.g., the last four digits of the employee's social security number.). The submittals shall be on the Department's form SBE 48, or an approved facsimile. When there has been no activity during a work week, a payroll record shall still be submitted with the appropriate box ("No Work", "Suspended", or "Complete") checked on the form."

STATE CONTRACTS. Revise Section IV of Check Sheet #5 of the Recurring Special Provisions to read:

##### **"IV.COMPLIANCE WITH THE PREVAILING WAGE ACT**

1. Prevailing Wages. All wages paid by the Contractor and each subcontractor shall be in

compliance with The Prevailing Wage Act (820 ILCS 130), as amended, except where a prevailing wage violates a federal law, order, or ruling, the rate conforming to the federal law, order, or ruling shall govern. The Contractor shall be responsible to notify each subcontractor of the wage rates set forth in this contract and any revisions thereto. If the Department of Labor revises the wage rates, the Contractor will not be allowed additional compensation on account of said revisions.

2. Payroll Records. The Contractor and each subcontractor shall make and keep, for a period of three years from the date of completion of this contract, records of the wages paid to his/her workers. The payroll records shall include each worker's name, address, telephone number, social security number, classification, rate of pay, number of hours worked each day, starting and ending times of work each day, total hours worked each week, itemized deductions made, and actual wages paid. Upon two business days' notice, these records shall be available, at all reasonable hours at a location within the State, for inspection by the Department or the Department of Labor.
3. Submission of Payroll Records. The Contractor and each subcontractor shall submit payroll records to the Engineer each week from the start to the completion of their respective work, except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall include an identification number for each employee (e.g., the last four digits of the employee's social security number). The submittals shall be on the Department's form SBE 48, or an approved facsimile. When there has been no activity during a work week, a payroll record shall still be submitted with the appropriate box ("No Work", "Suspended", or "Complete") checked on the form.

Each submittal shall be accompanied by a statement signed by the Contractor or subcontractor which avers that: (i) such records are true and accurate; (ii) the hourly rate paid to each worker is not less than the general prevailing rate of hourly wages required by the Act; and (iii) the Contractor or subcontractor is aware that filing a payroll record that he/she knows to be false is a Class B misdemeanor.

4. Employee Interviews. The Contractor and each subcontractor shall permit his/her employees to be interviewed on the job, during working hours, by compliance investigators of the Department or the Department of Labor."

#### **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 $\mu$ m	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 $\mu$ m	100
30	600 $\mu$ m	75-95
50	300 $\mu$ m	15-35
100	150 $\mu$ m	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  $\pm 5$  °F ( $\pm 2.8$  °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.

## **RECLAIMED ASPHALT PAVEMENT (RAP) (BDE)**

Effective: January 1, 2007

Revised: April 1, 2009

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) 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.
- (b) 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.
- (c) 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.
- (d) Non-Quality. RAP stockpiles that do not meet the requirements of the stockpile categories listed above shall be classified as "Non-Quality".

RAP 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 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 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	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 % <sup>1/</sup>	± 0.5 %

1/ The tolerance for fractionated reclaimed asphalt pavement (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 shall not be used in HMA unless the RAP 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.** The quality of the RAP shall be set by the lowest quality of coarse aggregate in the RAP stockpile and are designated as follows.

- (a) RAP from Class I, Superpave (High ESAL), or HMA (High ESAL) surface mixtures are designated as containing Class B quality coarse aggregate.
- (b) RAP from Superpave (Low ESAL)/HMA (Low ESAL) IL-19.0L binder and IL-9.5L surface mixtures are designated as Class D quality coarse aggregate.
- (c) 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.

- (d) RAP from bituminous stabilized subbase and BAM shoulders are designated as containing Class D quality coarse aggregate.

**1031.05 Use of RAP in HMA.** The use of RAP shall be a Contractor's option when constructing HMA in all contracts. The use of RAP 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 stockpiles for use in HMA surface mixtures (High and Low ESAL) shall be 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 stockpiles for use in HMA binder mixtures (High and Low ESAL), HMA base course, and HMA base course widening shall be homogeneous, or conglomerate, in which the coarse aggregate is Class C quality or better.
- (e) Use in Shoulders and Subbase. RAP stockpiles for use in HMA shoulders and stabilized subbase (HMA) shall be 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 <sup>1/, 3/</sup>	Maximum % RAP		
	Binder/Leveling Binder	Surface	Polymer Modified
Ndesign			
30	30	30	10
50	25	15	10
70	15 / 25 <sup>2/</sup>	10 / 15 <sup>2/</sup>	10
90	10	10	10
105	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<sup>1/</sup>

HMA Mixtures <sup>2/, 3/</sup>	Maximum % FRAP		
Ndesign	Binder/Leveling Binder	Surface	Polymer Modified
30	35	35	10
50	30	25	10
70	25	20	10
90	20	15	10
105	10	10	10

- 1/ Minimum of two fractions for surface and binder applications.
- 2/ For HMA shoulder and stabilized subbase (HMA) N30, the amount of RAP shall not exceed 50 percent of the mixture.
- 3/ When FRAP 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 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 material meeting the above detailed requirements.

RAP designs shall be submitted for volumetric verification. If additional RAP 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 stockpile and HMA mix design, and meets all of the requirements herein, the additional RAP 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, 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 control tolerances or QC/QA test results require corrective action, the Contractor shall cease production of the mixture containing RAP and either switch to the virgin aggregate design or submit a new RAP design.

HMA plants utilizing RAP 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 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 material as a percent of the total mix to the nearest 0.1 percent.
- (8) Aggregate and RAP moisture compensators in percent as set on the control panel. (Required when accumulated or individual aggregate and RAP 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 weight to the nearest pound (kilogram).
- (6) Virgin asphalt binder weight to the nearest pound (kilogram).
- (7) Residual asphalt binder in the RAP 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 "Other". 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 (BDE)**

Effective: November 1, 2005

Revised: April 1, 2009

Revise Article 1006.10(a) of the Standard Specifications to read:

“(a) Reinforcement Bars. Reinforcement bars will be accepted according to the current Bureau of Materials and Physical Research Policy Memorandum, “Reinforcement Bar and/or Dowel Bar Plant Certification Procedure”. The Department will maintain an approved list of producers.

(1) Reinforcement Bars (Non-Coated). Reinforcement bars shall be according to

ASTM A 706 (A 706M), Grade 60 (420) for deformed bars and the following.

- a. For straight bars furnished in cut lengths and with a well-defined yield point, the yield point shall be determined as the elastic peak load, identified by a halt or arrest of the load indicator before plastic flow is sustained by the bar and dividing it by the nominal cross-sectional area of the bar.
  - b. Tensile strength shall be a minimum of 1.20 times the yield strength.
  - c. For bars straightened from coils or bars bent from fabrication, there shall be no upper limit on yield strength; and for bar designation Nos. 3 - 6 (10 - 19), the elongation after rupture shall be at least 9%.
  - d. Heat Numbers. Bundles or bars at the construction site shall be marked or tagged with heat identification numbers of the bar producer.
  - e. Guided Bend Test. Bars may be subject to a guided bend test across two pins which are free to rotate, where the bending force shall be centrally applied with a fixed or rotating pin of a certain diameter as specified in Table 3 of ASTM A 706 (A 706M). The dimensions and clearances of this guided bend test shall be according to ASTM E 190.
  - f. Spiral Reinforcement. Spiral reinforcement shall be deformed or plain bars conforming to the above requirements or cold-drawn steel wire conforming to AASHTO M 32.
- (2) Epoxy Coated Reinforcement Bars. Epoxy coated reinforcement bars shall be according to Article 1006.10(a)(1) and shall be epoxy coated according to AASHTO M 284 (M 284M) and the following.
- a. Certification. The epoxy coating applicator shall be certified according to the current Bureau of Materials and Physical Research Policy Memorandum, "Epoxy Coating Plant Certification Procedure". The Department will maintain an approved list.
  - b. Coating Thickness. When spiral reinforcement is coated after fabrication, the thickness of the epoxy coating shall be 7 to 20 mils (0.18 to 0.50 mm).
  - c. Cutting Reinforcement. Reinforcement bars may be sheared or sawn to length after coating, providing the end damage to the coating does not extend more than 0.5 in. (13 mm) back and the cut is patched before any visible rusting appears. Flame cutting will not be permitted."

## **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.

## **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<sub>P</sub> = Bituminous Price Index, as published by the Department for the month the work is performed, \$/ton (\$/metric ton).  
BPI<sub>L</sub> = Bituminous Price Index, as published by the Department for the month prior to the letting, \$/ton (\$/metric ton).  
%AC<sub>V</sub> = Percent of virgin Asphalt Cement in the Quantity being adjusted. For HMA mixtures, the % AC<sub>V</sub> 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<sub>V</sub> and undiluted emulsified asphalt will be considered to be 65% AC<sub>V</sub>.  
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<sub>V</sub>.

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<sub>L</sub> and BPI<sub>P</sub> 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:** \_\_\_\_\_

## **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:** \_\_\_\_\_

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

CONTRACT NO. 64E84	
F.A.P. R.T.E. 308	SECTION (1,2,3)RS-4
COUNTY ROCK ISLAND	TOTAL SHEETS 59
SHEET NO. 1	

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

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

# PROPOSED HIGHWAY PLANS

FAP ROUTE 308 (IL 92)  
 SECTION (1,2,3)RS-4  
 PROJECT : **ESP-0308 (035)**  
 ROCK ISLAND COUNTY  
 C-92-080-09

SECTION ENDS (IL 92) STA. 1603+32  
 R 2 W  
 IMPROVEMENT ENDS (IL 92) STA. 1603+32

**BRIDGE OMISSIONS:**

- 11TH ST S.N. 081-9906
- 7TH ST S.N. 081-9907
- 7TH AVE S.N. 081-0170
- 18TH AVE S.N. 081-0174
- RR S.N. 081-0064
- 31ST AVE S.N. 081-0172
- ROCK RIVER S.N. 081-0067 AND 081-0068
- I-280 S.N. 081-0070 AND 081-0071

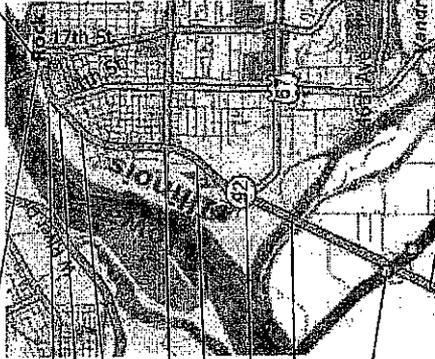
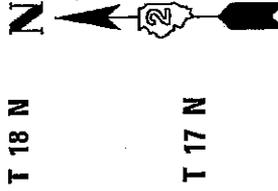
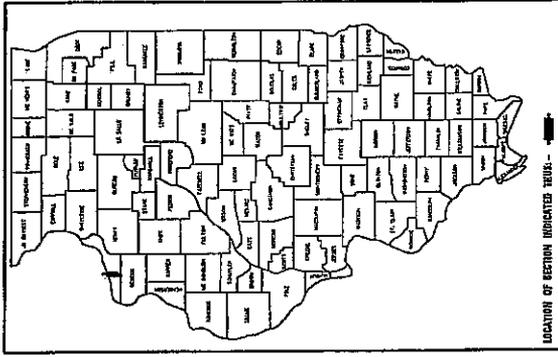
ROCK ISLAND TOWNSHIP, SECTIONS 34, 35  
 SOUTH ROCK ISLAND TOWNSHIP, SECTIONS 3, 10  
 BLACKHAVIK TOWNSHIP, SECTIONS 9, 16, 21

UTILITY LOCATION INFORMATION FOR EXCAVATION  
 I-805-892-0123

**CONTRACT NO. 64E84**

FAP ROUTE 308 (IL 92) SECTION (1,2,3)RS-4 ROCK ISLAND COUNTY

GROSS LENGTH OF PROJECT = 23429 LIN. FT. = 4.44 MILES  
 LENGTH OF BRIDGE OMISSIONS = 3165 LIN. FT. = 0.60 MILES  
 NET LENGTH OF PROJECT = 20264 LIN. FT. = 3.84 MILES



STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

APPROVED: *[Signature]*  
 FEB 5 19 09  
 COUNTY ENGINEER

ENGINEER OF DESIGN AND ENVIRONMENT  
 SECTION OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY  
 OF THE STATE OF ILLINOIS

DISTRICT 2, DIXON

## INDEX OF SHEETS

1	Cover Sheet
2	Index of Sheets
2	State Standards
3 - 5	Summary of Quantities
6 - 8	General Notes
<hr/>	
9 - 20	Typical Sections and Details
21 - 26	Hot-Mix Asphalt Schedule
27 - 36	Class A Patching Schedule
37	Class B Patching Schedule
38 - 40	Class B Ramp Patching Schedule
41 - 50	Schedule of Quantities
51	Traffic Control Typical Weave (39.1)
52 - 54	Typical Pavement Markings (41.1)
55	Painting Details (44.1)
56	Rough Grooved Surface Sign (91.2)
57	Traffic Control and Protection at Turn Bays (To Remain Open to Traffic) (94.2)
58	Catch Basin or Inlets to be Adjusted or Reconstructed (17.4a)

## STATE STANDARDS

001006	Decimal of an Inch and of a Foot
420001 - 07	Pavement Joints
420701 - 02	Pavement Fabric
421001 - 02	Bar Reinforcement for CRC Pavement
442001 - 04	Class A Patches
442101 - 07	Class B Patches
642001 - 01	Shoulder Rumble Strips
701101 - 02	Typical Application of Traffic Control Standard
701400 - 03	Typical Application of Traffic Control Standard
701401 - 05	Typical Application of Traffic Control Standard
701411 - 05	Typical Application of Traffic Control Standard
701426 - 03	Typical Application of Traffic Control Standard
701456	Typical Application of Traffic Control Standard
701601 - 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	Typical Applications Raised Reflective Pavement Markers
886001 - 01	Detector Loop Installations
886006 - 01	Typical Layout for Detector Loops

# SUMMARY OF QUANTITIES

FAP 308 (IL 92)  
SECTION (1,2,3)RS-4  
ROCK ISLAND COUNTY  
CONTRACT #64E84  
SHEET 3 OF 58

**URBAN**

1000

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	100% FED
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	109.6	109.6
40600300	AGGREGATE (PRIME COAT)	TON	212	212
40600535	LEVELING BINDER (HAND METHOD), N70 ✓	TON	120	120
40600837	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N70 ✓	TON	8,164	8,164
40600895	CONSTRUCTING TEST STRIP	EACH	2	2
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2,400	2,400
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	1,494	1,494
40600990	TEMPORARY RAMP	SQ YD	2,124	2,124
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES ✓	TON	1,517	1,517
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 ✓	TON	8,614	8,614
40603540	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 ✓	TON	11,850	11,850
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" ✓	SQ YD	2,365	2,365
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" ✓	SQ YD	15,756	15,756
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3" ✓	SQ YD	6,768	6,768
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH ✓	SQ YD	16,348	16,348
44002214	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3 1/2" ✓	SQ YD	7,541	7,541

# SUMMARY OF QUANTITIES

FAP 308 (IL 92)  
SECTION (1,2,3)RS-4  
ROCK ISLAND COUNTY  
CONTRACT #64E84  
SHEET 4 OF 58

**URBAN**

1000

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	100% FED
44200517	CLASS A PATCHES, TYPE II, 7 INCH ✓	SQ YD	2,271	2,271
44200521	CLASS A PACTHES, TYPE III, 7 INCH	SQ YD	404	404
44200523	CLASS A PATCHES, TYPE IV, 7 INCH	SQ YD	544	544
44200966	CLASS B PATCHES, TYPE I, 10 INCH	SQ YD	160	160
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	975	975
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SQ YD	644	644
44200976	CLASS B PATCHES, TYPE IV, 10 INCH ✓	SQ YD	2,956	2,956
44201294	CLASS B PATCH - EXPANSION JOINT ✓	FOOT	250	250
44201296	DEFORMED BARS - EXPANSION JOINT ✓	EACH	250	250
44213000	PATCH REINFORCEMENT ✓	SQ YD	3,220	3,220
44213100	PAVEMENT FABRIC ✓	SQ YD	3,622	3,622
44213200	SAW CUTS ✓	FOOT	28,598	28,598
48102100	AGGREGATE SHOULDER, (WEDGE) TYPE B ✓	TON	493	493
60260100	INLETS TO BE ADJUSTED	EACH	15	15
60260200	INLETS TO BE ADJUSTED (SPECIAL) ✓	EACH	52	52
60262700	INLETS TO BE RECONSTRUCTED	EACH	2	2
64200105	SHOULDER RUMBLE STRIP ✓	FOOT	54,931	54,931
67000400	ENGINEERS FIELD OFFICE, TYPE A	CAL MO	15	15
67100100	MOBILIZATION ✓	L SUM	1	1
70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422 ✓	L SUM	1	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	22	22



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 A Patch:** Cut two transverse saw cuts at each end of the patch; one full depth and one partial depth. 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.

**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 following Mixture Requirements are applicable for this project:

Mixture Uses(s):	Surface	Top Shoulder	Level Binder (MM)
PG:	SBS PG 70-22	PG 58-22	SBS PG 70-22
Design Air Voids	4.0 @ N70	3 @ N50	4.0 @ N70
Mixture Composition (Gradation Mixture)	IL 9.5 or 12.5	IL 9.5 or 12.5	IL 9.5
Friction Aggregate	D	C	N/A
20 Year ESAL	112 lbs/sy/in	112 lbs/sy/in	112 lbs/sy/in

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.

Install rumble strips in all shoulders in accordance with State Standard 642001. Rumble Strips shall be placed on shoulders on both sides of the pavement.

Pavement Marking shall be done according to Standard 780001, except as follows:

1. All words, such as ONLY, shall be 2.4 m (8 feet) high.
2. All non-freeway arrows shall be the large size.
3. The distance between yellow no-passing lines shall be 200 mm (8"), not 180 mm (7") as shown in the detail of Typical Lane and Edge Lines.

**Detector Loop, Special**

1. 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, notice shall be given to Scott Kullerstrand at the Illinois Department of Transportation, District 2 (815/284-5468).
2. Each Detector Loop shall have an individual conduit stub.
3. The Detector Loop Cable, from the end of the saw cut to the splice in the handhole, shall be considered included in the cost of the Detector Loop.

Work on this project will be in progress at the same time as work on Contract #64814, which is from the Rock River Bridge to 7<sup>th</sup> Avenue on IL 92. 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  
McLeod USA  
MCI World Com

MidAmerican Energy Co.  
Mediacom  
City of Rock Island

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

Tie the following  
to the existing  
concrete pavement

Length, size, and  
spacing of Tie Bars

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 plans, field verification, and standards. If discrepancies arise prior to placing final striping, contact Kurt Glazier at 815/284-5478.

The Contractor and Resident Engineer shall verify all striping locations, lengths, and widths before any work is completed on the project.

Raised Reflective Markers shall not be installed on bridge approaches or on the bridges.

All Inlet Adjust (Special) locations shall be paid for at the unit price of Each regardless of the number of frame and grates per location.

Ramp patches are scheduled and will be paid for by the Square Yard per the size for the completed type, but shall be constructed in stages to accommodate traffic and to provide a minimum 12' traffic lane, or as directed by the Engineer. All other pay items associate with ramp patching shall be adjusted for the staging.

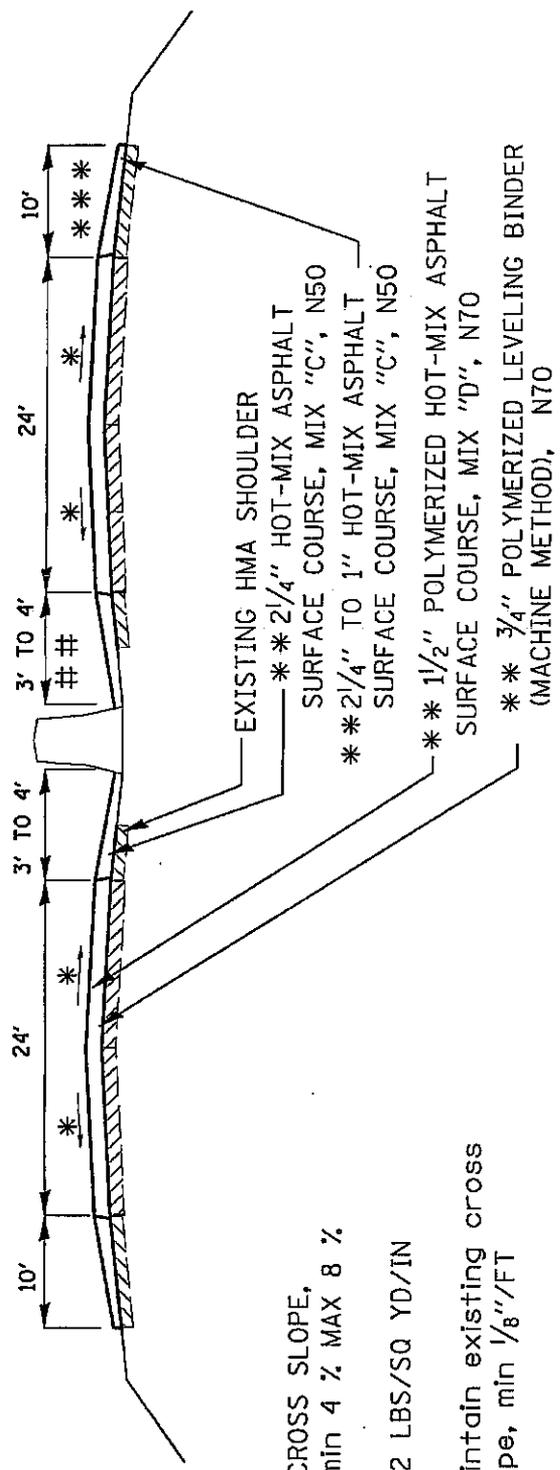
The Contractor shall provide a small roller, no larger than a 3' drum, for mainline resurfacing to be used exclusively on the inside shoulder when barrier wall is present. This will be included in the cost of HMA Surface Course and shall be included in the paving train for HMA Surface Course and Level Binder (MM).



CONTRACT NO. 64E84		TOTAL SHEET NO.	
F.A.P. RTE.	SECTION	COUNTY	SHEETS
308	11.2.3HRS-4	ROCK ISLAND	58. -10.
STA.	TO STA.		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

# TYPICAL SECTION

IL 92 NB	IL 92 SB
STA 1485+51 TO STA 1503+99	STA 1485+51 TO STA 1504+38
STA 1509+79 TO STA 1515+53	STA 1510+37 TO STA 1515+50
STA 1520+04 TO STA 1544+95	STA 1520+02 TO STA 1544+97
STA 1549+49 TO STA 1559+66	STA 1549+48 TO STA 1559+66
STA 1565+77 TO STA 1577+39	STA 1565+79 TO STA 1577+81
STA 1583+43 TO STA 1584+28	STA 1583+82 TO STA 1584+28



- ## CROSS SLOPE, min 4 % MAX 8 %
- \*\* 112 LBS/SQ YD/IN
- \* Maintain existing cross slope, min 1/8"/FT



EXISTING CRC PAVEMENT 7 INCH WITH 5 INCH HMA OVERLAY

\*\* \* CROSS SLOPE, min 4 % MAX 8 % SEE PAVING DETAIL

REVISION	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DRAWN BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 SCALE: \_\_\_\_\_  
 DATE: \_\_\_\_\_











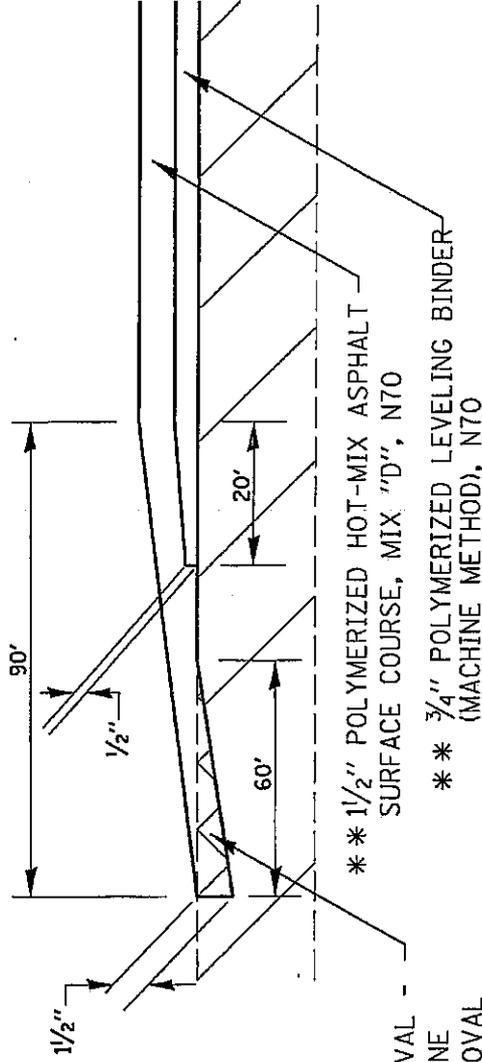


CONTRACT NO. 64E84

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	(12.3)RS-4	ROCK ISLAND	58	17
STA.		TO STA.		
FED. ROAD DIST. NO. - ILLINOIS		FED. AID PROJECT		

# TYPICAL TAPER

31ST, 18TH, 7TH AVE & 11TH ST RAMPS



\*\* 1 1/2" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70  
 \*\* 3/4" POLYMERIZED LEVELING BINDER (MACHINE METHOD), N70

PCC SURFACE REMOVAL  
 BUTT JOINT MAINLINE  
 HMA SURRFACE REMOVAL  
 BUTT JOINT SHOULDERS



EXISTING PCC PAVEMENT 10 INCH

\*\* 112 LBS/SQ YD/IN

DESIGNER	DATE	ILLINOIS DEPARTMENT OF TRANSPORTATION
CHECKED	DATE	
DESIGNED	DATE	DRAWN BY
CHECKED	DATE	
DESIGNED	DATE	CREATED BY
CHECKED	DATE	

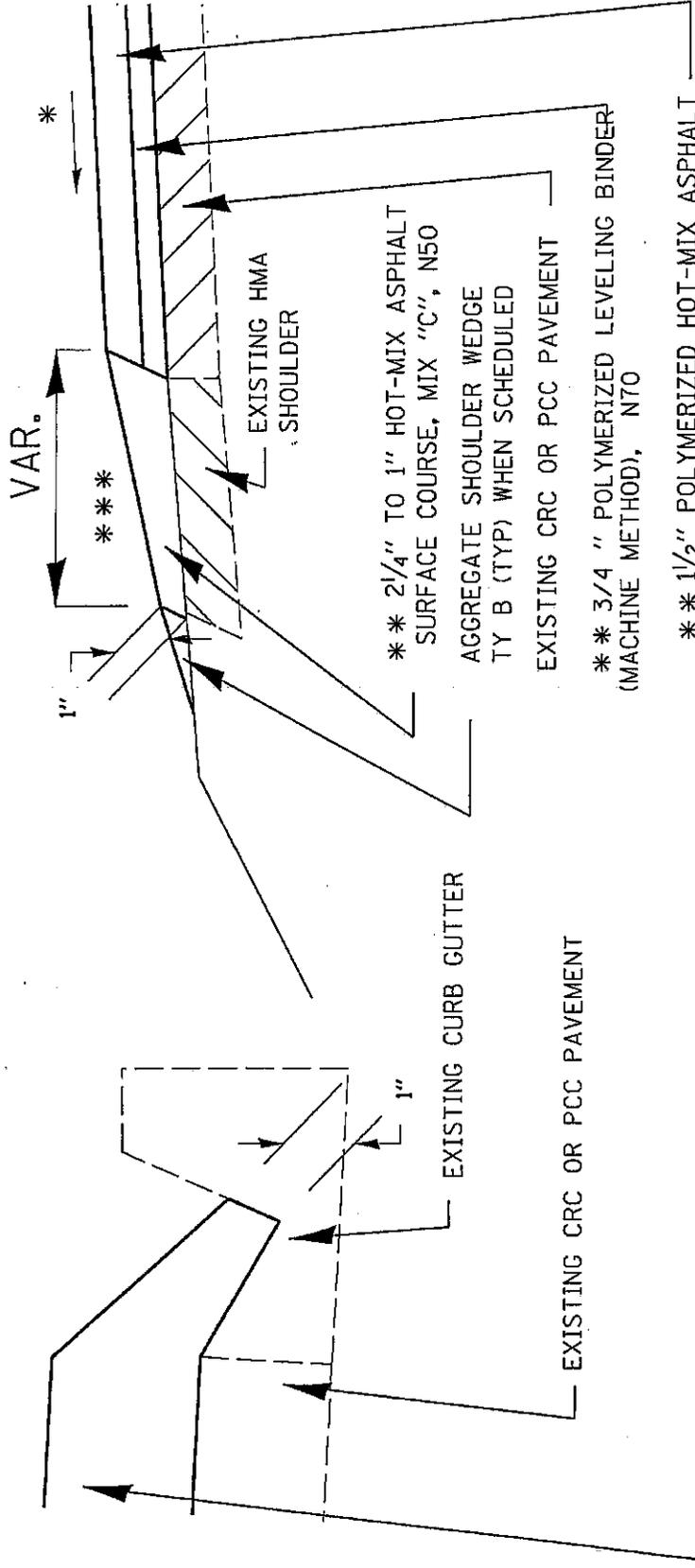
REVISIONS: 1. 11/15/00 - 11TH ST RAMP - 10 INCH PCC PAVEMENT REMOVAL

64E84

F.A.P. SHEET NO.	SECTION	COUNTY	TOTAL SHEETS
308	01239RS-4	ROCK ISLAND	58
STA.	TO STA.		
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			

# PAVING DETAIL

IL 92



\*\*\* 2 1/4" TO 1" HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 AGGREGATE SHOULDER WEDGE TY B (TYP) WHEN SCHEDULED

EXISTING CRC OR PCC PAVEMENT

\*\*\* 3/4" POLYMERIZED LEVELING BINDER (MACHINE METHOD), N70

\*\*\* 1/2" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70

\*\*\* 2 1/4" TO 1" HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50

\*\*\* 112 LBS/SQ YD/IN

\*\*\* Maintain existing cross slope, min 4% MAX 8% SEE PAVING DETAIL

REVISION	DATE

SCALE: 1" = 4'

DESIGN BY: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_

ILLINOIS DEPARTMENT OF TRANSPORTATION





# HOT-MIX ASPHALT SCHEDULE

Location	Remarks	Length	Proposed Surface		Hot-Mix Asphalt Shoulder		Bit Materials (2 App'rs)	Agg Prime Coat	Short Pavt Marking	Work Zone Pavement Removal	Poly HMA Surf Mix "D", N70	HMA Surf Cse Mix "C" N50	48102100 Aggregate Shoulders Type B
			Width	Sq Yd	Median	Width							
<b>NORTH BOUND IL 92</b>													
Sta 1369 + 3 - 1369 + 93	MAINLINE & MEDIAN SHOULDER												
Sta 1369 + 93 - 1368 + 82	Taper w/ Butt Jt	90	24	240	4	40	0.15	0.4	18	3.0	20.2	5.6	2.1
Sta 1388 + 82 - 1390 + 12	Taper w/ Butt Jt	130	24	5037	4	840	3.24	7.6	378	63.0	423.1	117.5	44.8
	OMISSION (I-280 BRIDGE)												
Sta 1393 + 10 - 1394 + 40	Taper w/ Butt Jt	130	24	347	4	58	0.22	0.5	26	4.3	29.1	8.1	3.1
Sta 1394 + 40 - 1420 + 70	Taper w/ Butt Jt	2630	24	7013	4	1169	4.51	10.5	528	87.7	589.1	163.6	62.4
Sta 1420 + 70 - 1421 + 65	overlay taper to X-over w/ shldr	90	24	240	6	90	0.18	0.4	18	3.0	20.2	12.6	2.1
Sta 1421 + 60 - 1430 + 75	PCC X-OVER w/ NO shldr	915	24	2440	0	0	1.40	3.7	183	30.5	205.0	0.0	21.7
Sta 1430 + 75 - 1431 + 66	overlay taper to X-over w/ shldr	90	24	240	6	90	0.18	0.4	18	3.0	20.2	12.6	2.1
Sta 1431 + 65 - 1438 + 18		653	24	1741	4	290	1.12	2.6	131	21.8	146.3	40.6	15.5
Sta 1438 + 18 - 1439 + 48	Taper w/ Butt Jt	130	24	347	6	87	0.24	0.5	26	4.3	29.1	12.1	3.1
<b>OMISSION (ROCK RIVER BRIDGE)</b>													
Sta 1451 + 24 - 1454 + 73	Mill & Resurf	349	24	931	6	233	0.63	1.4	70	11.6	78.2	32.6	8.3
Sta 1454 + 73 - 1460 + 93	PCC X-Over	620	24	1653	0	0	0.95	2.5	124	20.7	138.9	0.0	14.7
Sta 1460 + 93 - 1461 + 83	overlay taper from X-over w/ shldr	90	24	240	4	90	0.18	0.4	18	3.0	20.2	12.6	2.1
Sta 1461 + 83 - 1468 + 21		638	24	1701	4	284	1.09	2.6	128	21.3	142.9	39.7	15.1
Sta 1468 + 21 - 1469 + 41	Taper w/ Butt Jt	120	24	320	4	53	0.20	0.5	24	4.0	26.9	7.5	2.8
<b>OMISSION (31st Avenue BRIDGE)</b>													
Sta 1471 + 72 - 1472 + 92	Taper w/ Butt Jt	120	24	320	4	53	0.21	0.5	24	4.0	26.9	7.5	2.8
Sta 1472 + 92 - 1485 + 51	Begin Median Bar.	1259	24	3357	4	560	2.16	5.0	252	42.0	282.0	78.3	29.9
Sta 1485 + 51 - 1487 + 0	Shldr taper continues	300	24	800	5-2.5	133	0.51	1.2	60	10.0	67.2	18.7	7.1
Sta 1487 + 0 - 1490 + 0		1399	24	3731	2.5	389	2.30	5.6	280	46.6	313.4	54.4	21.1
Sta 1490 + 0 - 1503 + 99	Taper w/ Butt Jt	120	24	320	2.5	33	0.20	0.5	24	4.0	26.9	4.7	1.8
Sta 1503 + 99 - 1505 + 19													
<b>OMISSION (IAIS Railroad BRIDGE)</b>													
Sta 1508 + 59 - 1509 + 79	Taper w/ Butt Jt	120	24	320	2.5	33	0.20	0.5	24	4.0	26.9	4.7	1.8
Sta 1509 + 79 - 1515 + 53	Taper w/ Butt Jt	574	24	1531	2.5	159	0.94	2.3	115	19.1	128.6	22.3	8.5
Sta 1515 + 53 - 1516 + 73		120	24	320	2.5	33	0.20	0.5	24	4.0	26.9	4.7	1.8
<b>OMISSION (18th Avenue BRIDGE)</b>													
Sta 1518 + 84 - 1520 + 4	Taper w/ Butt Jt	120	24	320	2.5	33	0.20	0.5	24	4.0	26.9	4.7	1.8
Sta 1520 + 4 - 1544 + 95	Taper w/ Butt Jt	2491	24	6643	2.5	692	4.10	10.0	488	83.0	558.0	96.9	36.9
Sta 1544 + 95 - 1546 + 15	Taper w/ Butt Jt	120	24	320	2.5	33	0.20	0.5	24	4.0	26.9	4.7	1.8
<b>OMISSION (7th Avenue BRIDGE)</b>													
Sta 1548 + 29 - 1549 + 49	Taper w/ Butt Jt	120	24	320	2.5	33	0.20	0.5	24	4.0	26.9	4.7	1.8
Sta 1549 + 49 - 1559 + 66	Taper w/ Butt Jt	1017	24	2712	2.5	283	1.67	4.1	203	33.9	227.8	39.6	14.9
Sta 1559 + 66 - 1560 + 96	Taper w/ Butt Jt	130	24	347	2.5	36	0.21	0.5	26	4.3	29.1	5.1	1.9
<b>OMISSION (7th Street BRIDGE)</b>													
Sta 1564 + 47 - 1565 + 77	Taper w/ Butt Jt	130	24	347	2.5	36	0.21	0.5	26	4.3	29.1	5.1	1.9
Sta 1565 + 77 - 1577 + 39	Taper w/ Butt Jt	1162	24	3099	2.5	323	1.91	4.6	232	38.7	260.3	45.2	17.3
Sta 1577 + 39 - 1578 + 69	Taper w/ Butt Jt	130	24	347	2.5	36	0.21	0.5	26	4.3	29.1	5.1	1.9
<b>OMISSION (11th Street BRIDGE)</b>													
Sta 1582 + 13 - 1583 + 43	Taper w/ Butt Jt	130	24	347	2.5	36	0.21	0.5	26	4.3	29.1	5.1	1.9
Sta 1583 + 43 - 1592 + 80	Mainline Taper 2 1/4" to 3"	917	24	2445	2.5	255	1.51	3.7	183	30.6	205.4	35.7	13.6
Sta 1592 + 80 - 1593 + 60	Begin L Bndr 1.5" & Surf 1.5"	120	24-36	400	2	27	0.24	0.6	24	4.0	33.6	3.7	1.4
Sta 1593 + 80 - 1594 + 38	L Bndr 1.5" & Surf 1.5"	58	36	232	1.5	10	0.14	0.3	12	1.9	22.7	19.5	1.4
Sta 1594 + 38 - 1597 + 94	Mainline Ends @ 16th St	356	26	1028	1.5	59	0.61	1.5	71	11.9	100.8	86.4	8.3
Sta 1597 + 94 - 1601 + 41		347	39	1504	1.5	58	0.88	2.3	69	11.6	147.4	126.3	8.1
SW Return & South Bound Lane of 16th St				523	2	22	0.31	0.8	0	0.0	43.9	3.1	0.0

See Detail Sheet

# HOT-MIX ASPHALT SCHEDULE

Location	Remarks	Length	Proposed Surface		Hot-Mix Asphalt Shoulder		40800200 Bit Materials Prime Coat (2 Appls)	40800300 Agg Prime Coat	70300100 Short Term Pavt Marking	70301000 Work Zone Pavement Marking Removal	40800537 Poly Level Blender (MM) N70	406003540 Poly HMA Surf Cse, Mix "D", N70	406003310 HMA Surf Cse Mix "C", N60	48102100 Aggregate Shoulders Wedge Type B				
			Width	Sq Yd	Median Width	Sq Yd									Ton	Ton	Ton	Ton
<b>SOUTH BOUND IL 92</b>																		
<b>MAINLINE &amp; MEDIAN SHOULDER</b>																		
Sta 1369 + 3 - 1369 + 93	Taper w/ Butt Jt (2 Lt Turn Ln)	90	49	490	4	4	40	0.30	0.7	18	27.4	41.2	5.6	2.1				
Sta 1369 + 93 - 1371 + 88		205	49	1116	4	4	91	0.68	1.7	41	62.5	93.8	12.8	4.9				
Sta 1371 + 98 - 1374 + 89	2 Lt Turn Ln Tapers	271	49-24	1099	4	4	120	0.68	1.6	54	61.5	92.3	16.9	6.4				
Sta 1374 + 69 - 1389 + 17		1448	24	3861	4	4	644	2.48	5.8	290	216.2	324.4	90.1	34.4				
Sta 1389 + 17 - 1390 + 47	Taper w/ Butt Jt	130	24	347	4	4	58	0.22	0.5	26	19.4	29.1	8.1	3.1				
<b>OMISSION (I-280 BRIDGE)</b>																		
Sta 1393 + 57 - 1394 + 87	Taper w/ Butt Jt	130	24	347	4	4	58	0.22	0.5	26	19.4	29.1	8.1	3.1				
Sta 1394 + 87 - 1420 + 70		2583	24	6888	4	4	1148	4.43	10.3	517	385.7	578.6	160.7	61.3				
Sta 1420 + 70 - 1421 + 60	overlay taper to X-over w/ shldr	90	24	240	4	4	90	0.18	0.4	18	30.2	42.6	12.6	4.9				
Sta 1421 + 60 - 1430 + 75	PCC X-OVER w/ NO shldr	915	24	2440	0	0	0	1.40	3.7	183	136.6	205.0	0.0	21.7				
Sta 1430 + 75 - 1431 + 65	overlay taper to X-over w/ shldr	90	24	240	4	4	90	0.18	0.4	18	30.2	42.6	12.6	4.9				
Sta 1431 + 65 - 1438 + 27		662	24	1765	4	4	294	1.14	2.6	132	98.9	148.3	41.2	15.7				
Sta 1438 + 27 - 1439 + 57	Taper w/ Butt Jt	130	24	347	6	6	87	0.24	0.5	26	19.4	29.1	12.1	3.1				
<b>OMISSION (ROCK RIVER BRIDGE)</b>																		
Sta 1451 + 40 - 1454 + 78	Mill & Resurf	338	24	901	6	6	225	0.61	1.4	68	50.5	75.7	31.5	8.0				
Sta 1454 + 78 - 1463 + 41	PCC X-Over	863	24	2301	0	0	0	1.32	3.5	173	128.9	193.3	0.0	20.5				
Sta 1463 + 41 - 1464 + 31	overlay taper from X-over w/ shldr	90	24	240	4	4	90	0.18	0.4	18	30.2	42.6	12.6	4.9				
Sta 1464 + 31 - 1468 + 49		418	24	1115	4	4	186	0.72	1.7	84	62.4	93.6	26.0	9.9				
Sta 1468 + 49 - 1469 + 69	Taper w/ Butt Jt	120	24	320	4	4	53	0.21	0.5	24	17.9	26.9	7.5	2.8				
<b>OMISSION (31st Avenue BRIDGE)</b>																		
Sta 1471 + 99 - 1473 + 19	Taper w/ Butt Jt	120	24	320	4	4	53	0.21	0.5	24	17.9	26.9	7.5	2.8				
Sta 1473 + 19 - 1485 + 51		1232	24	3285	4	4	548	2.11	4.9	246	184.0	276.0	76.7	29.2				
Sta 1485 + 51 - 1487 + 0	Begin Median Bar.	149	24	397	8-5	8-5	108	0.27	0.6	30	22.3	33.4	15.1	3.5				
Sta 1487 + 0 - 1490 + 0	Shldr taper continues	300	24	800	5-2.5	5-2.5	133	0.51	1.2	60	44.8	67.2	18.7	7.1				
Sta 1490 + 0 - 1504 + 38		1438	24	3835	2.5	2.5	399	2.36	5.8	288	214.7	322.1	55.9	21.1				
Sta 1504 + 38 - 1505 + 58	Taper w/ Butt Jt	120	24	320	2.5	2.5	33	0.20	0.5	24	17.9	26.9	4.7	1.8				
<b>OMISSION (AJS Railroad BRIDGE)</b>																		
Sta 1509 + 17 - 1510 + 37	Taper w/ Butt Jt	120	24	320	2.5	2.5	33	0.20	0.5	24	17.9	26.9	4.7	1.8				
Sta 1510 + 37 - 1515 + 50		513	24	1368	2.5	2.5	143	0.84	2.1	103	76.6	114.9	20.0	7.5				
Sta 1515 + 50 - 1516 + 70	Taper w/ Butt Jt	120	24	320	2.5	2.5	33	0.20	0.5	24	17.9	26.9	4.7	1.8				
<b>OMISSION (18th Avenue BRIDGE)</b>																		
Sta 1518 + 82 - 1520 + 2	Taper w/ Butt Jt	120	24	320	2.5	2.5	33	0.20	0.5	24	17.9	26.9	4.7	1.8				
Sta 1520 + 2 - 1544 + 97		2495	24	6653	2.5	2.5	693	4.10	10.0	499	372.6	558.9	97.0	36.6				
Sta 1544 + 97 - 1546 + 17	Taper w/ Butt Jt	120	24	320	2.5	2.5	33	0.20	0.5	24	17.9	26.9	4.7	1.8				
<b>OMISSION (7th Avenue BRIDGE)</b>																		
Sta 1548 + 28 - 1549 + 48	Taper w/ Butt Jt	120	24	320	2.5	2.5	33	0.20	0.5	24	17.9	26.9	4.7	1.8				
Sta 1549 + 48 - 1559 + 66		1016	24	2715	2.5	2.5	283	1.67	4.1	204	152.0	228.0	39.6	14.7				
Sta 1559 + 66 - 1560 + 96	Taper w/ Butt Jt	130	24	347	2.5	2.5	36	0.21	0.5	26	19.4	29.1	5.1	1.9				
<b>OMISSION (7th Street BRIDGE)</b>																		
Sta 1564 + 49 - 1565 + 79	Taper w/ Butt Jt	130	24	347	2.5	2.5	36	0.21	0.5	26	19.4	29.1	5.1	1.9				
Sta 1565 + 79 - 1577 + 81		1202	24	3206	2.5	2.5	334	1.98	4.8	240	179.5	269.2	46.7	17.6				
Sta 1577 + 81 - 1579 + 11	Taper w/ Butt Jt	130	24	347	2.5	2.5	36	0.21	0.5	26	19.4	29.1	5.1	1.9				
<b>OMISSION (11th Street BRIDGE)</b>																		
Sta 1582 + 52 - 1583 + 82	Taper w/ Butt Jt	130	24	347	2.5	2.5	36	0.21	0.5	26	19.4	29.1	5.1	1.9				
Sta 1583 + 82 - 1582 + 71		889	24	2371	2.5	2.5	247	1.46	3.6	178	132.8	199.1	34.6	13.1				
Sta 1582 + 71 - 1583 + 91	Mainline Taper 2 1/4" to 3"	120	24	400	2	2	27	0.24	0.6	24	4.0	39.2	3.7	1.4				
Sta 1583 + 91 - 1594 + 38	Begin LB 1.5" & Surf 1.5"	47	26	136	1.5	1.5	8	0.08	0.2	9	13.3	11.4	1.1	0.4				
Sta 1594 + 38 - 1601 + 41	Mainline Ends @ 16th St	703	26	2031	1.5	1.5	117	1.21	3.0	141	199.0	170.6	16.4	6.1				
<b>MAINLINE &amp; MEDIAN SHOULDER TOTALS</b>																		
											109,746	13,565	8,022.4	1,337.1	6,391.6	9,218.6	1,899.1	492.7

FAP: FAP 308 (IL 92)  
 SECTION: (1,2,3)RS-4  
 COUNTY: Rock Island  
 CONTRACT: #64E84  
 SHEET 23 OF 58

# HOT-MIX ASPHALT SCHEDULE

Location	Remarks	Length	Ramp Surface		Hot-Mix Asphalt Shoulder		Bit Materials		40600200		40600300		70300100		40600837		40603540		40603310		
			Width	Sq Yd	Width	Sq Yd	Prime Coat (2 Appls)	Ton	Prime Coat	Ton	Agg	Blinder (MM)	Ton	Work Zone Pavement Marking Removal	Poly Level N70	Ton	Poly HMA Surf Cse Mix "D", N70	Ton	HMA Surf Cse Mix "C" N50	Ton	
<b>NORTH BOUND IL 92</b>																					
Sta 1369 + 3 - 1369 + 83	OUTSIDE SHOULDER and ON & OFF RAMPS	90	0	0	8	80	0.03	0.0	0.0	0.0	4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	10.1		
Sta 1369 + 93 - 1370 + 30	Shldr Taper w/ Butt Jt	37	0	0	8-10	37	0.02	0.0	0.0	1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	4.7		
Off-ramp to I-280 East Bnd	Off-Ramp w/ Outside Shldr	714	16	1269	10-8	249	0.83	1.9	1.9	29	4.8	4.8	71.1	71.1	106.8	106.8	106.8	31.4			
	Gore Area	405			1-39	965	0.41	0.0	0.0	16	2.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	121.6		
	Inside Ramp Shldr	40	0	0	4	18	0.01	0.0	0.0	4	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	2.2		
	Ramp Taper w/ Butt Jt	90	16	160	12	120	0.14	0.2	0.2	4	0.6	0.6	9.0	9.0	13.4	13.4	13.4	15.1			
Sta 1377 + 42 - 1385 + 70	Mainline Shldr	828	0	0	10	920	0.39	0.0	0.0	33	5.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	115.9		
Sta 1385 + 70 - 1390 + 12	On-Ramp w/ Outside Shldr	438	16	779	8	389	0.61	1.2	1.2	18	2.9	2.9	43.6	43.6	65.4	65.4	65.4	49.1			
On-ramp from I-280 East Bnd	Gore Area	135	0	0	1-32	264	0.11	0.0	0.0	4	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	33.3		
	Ramp Taper w/ Butt Jt	90	16	160	12	120	0.14	0.2	0.2	4	0.6	0.6	9.0	9.0	13.4	13.4	13.4	15.1			
<b>OMISSION (I-280 Bridge Structure)</b>																					
Sta 1393 + 10 - 1396 + 20	Off-Ramp w/ Outside Shldr	368	16	684	8	327	0.51	1.0	1.0	15	2.5	2.5	36.6	36.6	55.0	55.0	55.0	41.2			
Off-ramp to I-280 West Bnd	Gore Area	135	0	0	1-27	208	0.09	0.0	0.0	4	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	26.0		
	Ramp Taper w/ Butt Jt	90	16	160	12	120	0.14	0.2	0.2	4	0.6	0.6	8.0	8.0	13.4	13.4	13.4	15.1			
Sta 1396 + 20 - 1397 + 82	Gore Taper	162	0	0	1-20	180	0.08	0.0	0.0	114	19.1	19.1	0.0	0.0	0.0	0.0	0.0	0.0	22.7		
Sta 1396 + 20 - 1401 + 92	Mainline Shldr	572	0	0	10	636	0.27	0.0	0.0	285	42.4	42.4	126.7	126.7	190.1	190.1	190.1	142.6			
Sta 1401 + 92 - 1414 + 65	On-Ramp w/ Outside Shldr	1273	16	2283	8	1132	1.78	3.4	3.4	18	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	68.2		
On-ramp from I-280 West Bnd	Gore Area	487	0	0	1-18	541	0.23	0.0	0.0	121	20.2	20.2	0.0	0.0	0.0	0.0	0.0	0.0	84.7		
	Ramp Taper w/ Butt Jt	605	0	0	10	672	0.29	0.0	0.0	219	36.5	36.5	0.0	0.0	0.0	0.0	0.0	0.0	153.3		
Sta 1414 + 65 - 1420 + 70	Milled Area @ PCC X-Over	1095	0	0	10	1217	0.52	0.0	0.0	131	21.8	21.8	0.0	0.0	0.0	0.0	0.0	0.0	91.4		
Sta 1420 + 70 - 1431 + 65		653	0	0	10	728	0.31	0.0	0.0	26	4.3	4.3	0.0	0.0	0.0	0.0	0.0	0.0	18.2		
Sta 1431 + 65 - 1438 + 18	Taper w/ Butt Jt	130	0	0	10	144	0.06	0.0	0.0	70	11.6	11.6	0.0	0.0	0.0	0.0	0.0	0.0	48.9		
Sta 1438 + 18 - 1439 + 48		348	0	0	10	388	0.17	0.0	0.0	98	16.4	16.4	0.0	0.0	0.0	0.0	0.0	0.0	68.7		
Sta 1451 + 24 - 1454 + 73	Mill & Resurf	491	0	0	10	546	0.23	0.0	0.0	124	20.7	20.7	61.7	61.7	92.6	92.6	92.6	86.8			
Sta 1452 + 54 - 1457 + 45	PCC X-Over to 1460+93	620	16	1102	10	689	0.93	1.7	1.7	21	3.5	3.5	10.6	10.6	15.8	15.8	15.8	17.8			
Sta 1457 + 45 - 1463 + 65	Off-Ramp w/ Outside Shldr	372	0	0	1-21	455	0.20	0.0	0.0	18	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	63.8		
Off-ramp to 31st Ave	Gore Area	106	16	188	12	141	0.17	0.3	0.3	24	4.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	16.8		
	Ramp w/ Shldr	90	16	160	12	120	0.14	0.2	0.2	24	4.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	16.8		
Sta 1463 + 65 - 1468 + 21	Ramp Taper w/ Butt Jt	456	0	0	10	507	0.22	0.0	0.0	24	4.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	16.8		
Sta 1468 + 21 - 1469 + 41	Taper w/ Butt Jt	120	0	0	10	133	0.06	0.0	0.0	24	4.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	16.8		
<b>OMISSION (31st Avenue BRIDGE)</b>																					
Sta 1471 + 72 - 1472 + 92	Taper w/ Butt Jt	120	0	0	10	133	0.06	0.0	0.0	24	4.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	16.8		
Sta 1472 + 92 - 1475 + 35		243	0	0	10	270	0.12	0.0	0.0	49	8.1	8.1	0.0	0.0	0.0	0.0	0.0	0.0	34.0		
Sta 1475 + 35 - 1484 + 50	On-Ramp w/ Outside Shldr	950	16	1689	8	844	1.33	2.5	2.5	190	31.7	31.7	94.6	94.6	141.9	141.9	141.9	106.4			
On-ramp from 31st Ave	Gore Area	280	0	0	1-18	322	0.14	0.0	0.0	20	3.3	3.3	0.0	0.0	0.0	0.0	0.0	0.0	40.6		
	Ramp w/ Shldr	100	16	178	12	133	0.16	0.3	0.3	18	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	15.1		
Sta 1484 + 50 - 1503 + 99	Ramp Taper w/ Butt Jt	1949	0	0	10	120	0.14	0.2	0.2	390	65.0	65.0	0.0	0.0	0.0	0.0	0.0	0.0	272.9		
Sta 1503 + 99 - 1505 + 19	Taper w/ Butt Jt	120	0	0	10	133	0.06	0.0	0.0	24	4.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	16.8		
<b>OMISSION (IAIS Railroad BRIDGE)</b>																					
Sta 1508 + 59 - 1509 + 79	Off-Ramp w/ Shldr & Butt Jt	120	4-14	133	8	107	0.12	0.2	0.2	24	4.0	4.0	7.5	7.5	11.2	11.2	11.2	13.4			
Sta 1509 + 79 - 1512 + 0	Off-Ramp w/ Outside Shldr	221	16	383	8	196	0.31	0.6	0.6	44	7.4	7.4	22.0	22.0	33.0	33.0	33.0	24.8			
Off-ramp to 18th Ave	Gore Area	200	0	0	1-23	267	0.11	0.0	0.0	19	3.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0	33.6		
	Ramp w/ Shldr	96	16	171	12	128	0.15	0.3	0.3	18	3.0	3.0	5.6	5.6	8.4	8.4	8.4	15.1			
Sta 1512 + 0 - 1515 + 53	Ramp Taper w/ Butt Jt	353	0	0	10	392	0.17	0.0	0.0	71	11.8	11.8	0.0	0.0	0.0	0.0	0.0	0.0	48.4		
Sta 1515 + 53 - 1516 + 73	Taper w/ Butt Jt	120	0	0	10	133	0.06	0.0	0.0	24	4.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	16.8		
<b>OMISSION (18th Avenue BRIDGE)</b>																					

FAP: FAP 308 (IL 92)  
 SECTION: (1,2,3)RS-4  
 COUNTY: Rock Island  
 CONTRACT: #84EB4  
 SHEET 24 OF 58

# HOT-MIX ASPHALT SCHEDULE

Location	Remarks	Length	Ramp Surface		Hot-Mix Asphalt Shoulder		40900200 Bit Materials Prime Coat (2 Appls) Ton	40900300 Agg Prime Coat Ton	70300100 Short Term Pavt Marking Foot	70301000 Work Zone Pavement Marking Removal Sq Ft	40600837 Poly Level Blinder (MM) N70 Ton	40603540 Poly HMA Surf Cse, Mix "D", N70 Ton	40603310 HMA Surf Cse Mix "C" N50 Ton
			Width	Sq Yd	Outside Width	Sq Yd							
Sta 1518 + 84 - 1520 + 4	Taper w/ Butt Jt	120	0	133	0.06	0.0	0.0	24	4.0	0.0	0.0	0.0	16.8
Sta 1520 + 4 - 1522 + 33		229	0	264	0.11	0.0	0.0	46	7.6	0.0	0.0	0.0	32.1
Sta 1522 + 33 - 1533 + 0	On-Ramp w/ Outside Shldr	1087	16	1887	1.49	2.8	2.8	213	35.6	106.2	159.3	159.3	119.5
On-ramp from 18th Ave	Gore Area	310	0	379	0.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.7
	Ramp w/ Shldrs	100	16	178	0.14	0.3	0.3	20	3.3	10.0	14.9	14.9	11.2
Sta 1533 + 0 - 1534 + 52	Ramp Taper w/ Butt Jt	90	16	160	0.14	0.2	0.2	18	3.0	9.0	13.4	13.4	15.1
Sta 1534 + 52 - 1541 + 86	Off-Ramp w/ Outside Shldr	734	16	1305	1.03	2.0	2.0	147	24.5	73.1	109.6	109.6	82.2
Off-ramp to 7th Ave	Gore Area	400	0	489	0.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61.6
	Ramp w/ Shldrs	100	16	178	0.16	0.3	0.3	20	3.3	10.0	14.9	14.9	16.8
Sta 1541 + 86 - 1544 + 95	Ramp Taper w/ Butt Jt	90	16	160	0.14	0.2	0.2	18	3.0	9.0	13.4	13.4	15.1
Sta 1544 + 95 - 1546 + 15	Taper w/ Butt Jt	309	0	343	0.15	0.0	0.0	62	10.3	0.0	0.0	0.0	43.3
	OMISSION (7th Avenue BRIDGE)	120	0	133	0.06	0.0	0.0	24	4.0	0.0	0.0	0.0	16.8
Sta 1548 + 29 - 1549 + 49	Taper w/ Butt Jt	120	0	133	0.06	0.0	0.0	24	4.0	0.0	0.0	0.0	16.8
Sta 1549 + 49 - 1552 + 25		276	0	307	0.13	0.0	0.0	55	9.2	0.0	0.0	0.0	38.6
Sta 1552 + 25 - 1560 + 96	On-Ramp w/ Outside Shldr	871	16	1548	1.22	2.3	2.3	174	29.0	86.7	130.1	130.1	97.6
On-ramp from 7th Ave	Gore Area	320	0	356	0.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.8
	Ramp w/ Shldrs	100	16	178	0.14	0.3	0.3	20	3.3	10.0	14.9	14.9	11.2
Sta 1559 + 66 - 1560 + 96	Ramp Taper w/ Butt Jt	90	16	160	0.14	0.2	0.2	18	3.0	9.0	13.4	13.4	15.1
	Mainline Ramp Taper w/ Butt Jt	130	1-8	72	0.10	0.1	0.1	26	4.3	4.0	6.1	6.1	18.2
	OMISSION (7th Street BRIDGE)	0	0	0	0.06	0.0	0.0	26	4.3	0.0	0.0	0.0	18.2
Sta 1564 + 47 - 1565 + 77	Taper w/ Butt Jt	130	0	144	0.06	0.0	0.0	26	4.3	0.0	0.0	0.0	18.2
Sta 1565 + 77 - 1577 + 39		1162	0	1291	0.55	0.0	0.0	232	38.7	0.0	0.0	0.0	162.7
Sta 1577 + 39 - 1578 + 69	Taper w/ Butt Jt	130	0	144	0.06	0.0	0.0	26	4.3	0.0	0.0	0.0	18.2
	OMISSION (11th Street BRIDGE)	0	0	0	0.06	0.0	0.0	26	4.3	0.0	0.0	0.0	18.2
Sta 1582 + 13 - 1583 + 43	Taper w/ Butt Jt	130	0	144	0.06	0.0	0.0	26	4.3	0.0	0.0	0.0	18.2
Sta 1583 + 43 - 1586 + 96		353	0	392	0.17	0.0	0.0	71	11.8	0.0	0.0	0.0	49.4
Sta 1586 + 96 - 1592 + 80	On-Ramp w/ Outside Shldr	584	16	1038	0.82	1.6	1.6	117	19.5	58.1	87.2	87.2	65.4
On-ramp from 11th Street	Gore Area	130	0	111	0.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.7
	Ramp w/ Shldrs	100	16	178	0.15	0.3	0.3	20	3.3	10.0	14.9	14.9	14.0
Sta 1592 + 60 - 1593 + 80	Ramp Taper w/ Butt Jt	90	16	160	0.13	0.2	0.2	18	3.0	9.0	13.4	13.4	12.6
	See Mainline & Median Shldrs	120	40	27	0.03	0.1	0.1	24	4.0	2.2	3.4	3.4	3.4
	See Mainline & Median Shldrs Schedule for remaining HMA quantities	0	0	0	0.00	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
	Parking Lot for Maintenance Garage under Centennial Bridge	0	Approx 60x114	800	0.34	0.0	0.0	0	0.0	0.0	0.0	0.0	100.8

FAP: FAP 308 (IL 92)  
 SECTION: (1,2,3)RS-4  
 COUNTY: Rock Island  
 CONTRACT: #64E84  
 SHEET 25 OF 58

# HOT-MIX ASPHALT SCHEDULE

Location	Remarks	Length	Ramp Surface		Hot-Mix Asphalt Shoulder		Bit Materials		409003000		703001000		703001000		40600337		40603540		40603310		
			Width	Sq Yd	Outside Width	Sq Yd	Prime Coat (2 Appl's)	Prime Coat	Agg Prime Coat	Short Term Pavt Marking	Work Zone Pavement Removal	Poly Level Binder (MM)	Poly HMA Surf Cse, Mix "D", N70	HMA Surf Cse, Mix "C", N50							
<b>SOUTH BOUND IL 92</b>																					
Sta 1369 + 3 - 1369 + 93	Shldr Taper w/ Butt Jt	90	0	0	10	100	0.04	0.0	0.0	4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.6		
Sta 1369 + 93 - 1380 + 19	Shldr Taper	1026	0	0	10	1140	0.49	0.0	0.0	41	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	143.6		
Sta 1380 + 19 - 1383 + 12	On-Ramp w/ Outside Shldr	324	16	576	8	288	0.45	0.9	0.9	13	2.2	32.3	48.4	48.4	0.0	0.0	0.0	0.0	36.3		
On-ramp from I-280 East Bnd																					
	Gore	68	0	0	1-19	175	0.08	0.0	0.0	22.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.1		
Sta 1383 + 12 - 1386 + 95	Ramp Taper w/ Butt Jt	90	16	160	12	120	0.14	0.2	0.2	4	0.6	9.0	13.4	13.4	0.0	0.0	0.0	0.0	53.6		
Sta 1386 + 95 - 1392 + 66	Mainline Shldr	383	0	0	10	426	0.18	0.0	0.0	15	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.3		
Off-ramp to I-280 East Bnd	Off-Ramp w/ Outside Shldr	324	16	576	8	288	0.45	0.9	0.9	13	2.2	32.3	48.4	48.4	0.0	0.0	0.0	0.0	21.3		
	Gore Area	141	0	0	1-21	169	0.07	0.0	0.0	4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.1		
	Ramp Taper w/ Butt Jt	90	16	160	12	120	0.14	0.2	0.2	4	0.6	9.0	13.4	13.4	0.0	0.0	0.0	0.0	46.7		
OMISSION (I-280 Bridge Structure)																					
Sta 1395 + 65 - 1400 + 4	On-Ramp w/ Outside Shldr	417	16	741	8	371	0.58	1.1	1.1	17	2.8	41.5	62.3	62.3	0.0	0.0	0.0	0.0	37.0		
On-ramp from I-280 West Bnd	Gore Area	139	0	0	1-35	293	0.13	0.0	0.0	4	0.6	9.0	13.4	13.4	0.0	0.0	0.0	0.0	35.8		
Sta 1400 + 4 - 1402 + 60	Ramp Taper w/ Butt Jt	256	16	160	10	120	0.14	0.2	0.2	51	8.5	69.9	104.8	104.8	0.0	0.0	0.0	0.0	112.6		
Sta 1402 + 60 - 1409 + 62	Mainline Shldr	702	16	1248	8	624	0.98	1.9	1.9	140	23.4	3.0	3.0	3.0	0.0	0.0	0.0	0.0	15.1		
Off-ramp to I-280 West Bnd	Off-Ramp w/ Outside Shldr	402	16	640	8	320	0.98	1.9	1.9	140	23.4	36.9	36.9	36.9	0.0	0.0	0.0	0.0	153.3		
	Gore Area	90	16	160	12	120	0.14	0.2	0.2	18	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	92.7		
Sta 1409 + 62 - 1420 + 70	Ramp Taper w/ Butt Jt	1108	0	0	10	1231	0.53	0.0	0.0	222	36.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.2		
Sta 1420 + 70 - 1431 + 65	Milled Area @ PCC X-Over	1095	0	0	10	1217	0.52	0.0	0.0	219	36.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.3		
Sta 1431 + 65 - 1438 + 27		662	0	0	10	736	0.32	0.0	0.0	132	22.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.2		
Sta 1438 + 27 - 1439 + 57	Taper w/ Butt Jt	130	0	0	10	144	0.06	0.0	0.0	26	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	87.9		
OMISSION (ROCK RIVER BRIDGE)																					
Sta 1451 + 40 - 1454 + 78	Mill & Resurf	338	0	0	10	376	0.16	0.0	0.0	68	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.4		
Sta 1454 + 78 - 1458 + 15	PCC X-Over to 1463+41	337	0	0	10	374	0.16	0.0	0.0	67	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.1		
Sta 1458 + 15 - 1466 + 0	On-Ramp w/ Outside Shldr	785	16	1396	8	698	1.10	2.1	2.1	157	26.2	78.2	117.2	117.2	0.0	0.0	0.0	0.0	15.1		
On-ramp from 31st Ave	Gore Area	340	0	0	1-21	416	0.18	0.0	0.0	20	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.8		
	Ramp w/ Shldr	100	16	178	12	133	0.16	0.3	0.3	20	3.3	10.0	14.9	14.9	0.0	0.0	0.0	0.0	34.9		
Sta 1466 + 0 - 1468 + 49	Ramp Taper w/ Butt Jt	249	16	160	10	120	0.14	0.2	0.2	18	3.0	9.0	13.4	13.4	0.0	0.0	0.0	0.0	16.8		
Sta 1468 + 49 - 1469 + 69		120	0	0	10	133	0.06	0.0	0.0	24	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	278.7		
OMISSION (31st Avenue BRIDGE)																					
Sta 1471 + 99 - 1473 + 19	Taper w/ Butt Jt	120	0	0	10	133	0.06	0.0	0.0	24	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.8		
Sta 1473 + 19 - 1476 + 67		348	0	0	10	387	0.17	0.0	0.0	70	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.7		
Sta 1476 + 67 - 1484 + 47	Off-Ramp w/ Outside Shldr	780	16	1387	8	693	1.09	2.1	2.1	156	26.0	77.7	116.5	116.5	0.0	0.0	0.0	0.0	15.1		
Off-ramp to 31st Ave	Gore Area	357	0	0	1-24	476	0.20	0.0	0.0	20	3.3	10.0	14.9	14.9	0.0	0.0	0.0	0.0	16.8		
	Ramp w/ Shldr	100	16	178	12	133	0.16	0.3	0.3	20	3.3	10.0	14.9	14.9	0.0	0.0	0.0	0.0	34.9		
Sta 1484 + 47 - 1504 + 38	Ramp Taper w/ Butt Jt	1991	16	160	10	120	0.14	0.2	0.2	18	3.0	9.0	13.4	13.4	0.0	0.0	0.0	0.0	16.8		
Sta 1504 + 38 - 1505 + 58		120	0	0	10	133	0.06	0.0	0.0	24	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	278.7		
OMISSION (IAIS Railroad BRIDGE)																					
Sta 1509 + 17 - 1510 + 37	On-Ramp w/ Shldr & Butt Jt	120	14	187	4-6	67	0.14	0.3	0.3	24	4.0	10.5	15.7	15.7	0.0	0.0	0.0	0.0	16.8		
Sta 1510 + 37 - 1513 + 69	On-Ramp w/ Outside Shldr	332	14-16	553	6-8	258	0.43	0.8	0.8	66	11.1	31.0	46.5	46.5	0.0	0.0	0.0	0.0	15.1		
On-ramp from 18th Ave	Gore Area	288	0	0	1-21	384	0.16	0.0	0.0	20	3.3	10.0	14.9	14.9	0.0	0.0	0.0	0.0	16.8		
	Ramp w/ Shldr	100	16	178	12	133	0.16	0.3	0.3	20	3.3	10.0	14.9	14.9	0.0	0.0	0.0	0.0	34.9		
Sta 1513 + 69 - 1515 + 50	Ramp Taper w/ Butt Jt	181	16	160	10	120	0.14	0.2	0.2	18	3.0	9.0	13.4	13.4	0.0	0.0	0.0	0.0	16.8		
Sta 1515 + 50 - 1516 + 70		120	0	0	10	133	0.06	0.0	0.0	24	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.1		
OMISSION (18th Avenue BRIDGE)																					
Sta 1518 + 82 - 1520 + 2	Taper w/ Butt Jt	120	0	0	10	133	0.06	0.0	0.0	24	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.8		
Sta 1520 + 2 - 1524 + 23		421	0	0	10	468	0.20	0.0	0.0	84	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58.9		
Sta 1524 + 23 - 1531 + 50	Off-Ramp w/ Outside Shldr	727	16	1292	8	646	1.02	1.9	1.9	145	24.2	72.4	108.6	108.6	0.0	0.0	0.0	0.0	81.4		

FAP: FAP 308 (IL 92)  
SECTION: (1,2,3)RS-4  
COUNTY: Rock Island  
CONTRACT: #84E84  
SHEET 26 OF 58

# HOT-MIX ASPHALT SCHEDULE

Location	Remarks	Length	Ramp Surface		Hot-Mix Asphalt Shoulder		40600200 Bit Materials Prime Coat (2 Appl's) Ton	49600300 Agg Prime Coat Ton	70300100 Short Term Pavt Marking Foot	70301000 Work Zone Pavement Marking Removal Sq Ft	40600837 Poly Level Binder (MM) N70 Ton	40603540 Poly HMA Surf Cse, Mix "D", N70 Ton	40603310 HMA Surf Cse Mix "C" N50 Ton								
			Width	Sq Yd	Outside Width	Sq Yd															
Off-ramp to 18th Ave	Gore Area	363	0	444	1-22	444	0.19	0.0	0.0	0.0	0.0	0.0	55.9								
	Ramp w/ Shldr	100	16	178	12	133	0.16	0.3	20	3.3	10.0	14.9	16.8								
	Ramp Taper w/ Butt Jt	90	16	160	12	120	0.14	0.2	18	3.0	9.0	13.4	15.1								
Sta 1531 + 50 - 1531 + 50	Ramps tapers end back-to-back	0	0	0	10	0	0.00	0.0	0	0.0	0.0	0.0	0.0								
Sta 1531 + 50 - 1542 + 8	On-Ramp w/ Outside Shldr	1058	16	1681	8	940	1.48	2.8	212	35.3	105.3	158.0	118.5								
On-ramp from 7th Ave	Gore Area	384	0	469	1-20	469	0.20	0.0	0.0	0.0	0.0	0.0	59.1								
	Ramp w/ Shldr	100	16	178	12	133	0.16	0.3	20	3.3	10.0	14.9	16.8								
	Ramp Taper w/ Butt Jt	90	16	160	12	120	0.14	0.2	18	3.0	9.0	13.4	15.1								
Sta 1542 + 8 - 1544 + 97	Ramp Taper w/ Butt Jt	289	0	0	10	321	0.14	0.0	58	9.6	0.0	0.0	40.5								
Sta 1544 + 97 - 1546 + 17	Taper w/ Butt Jt	120	0	133	0.05	133	0.05	0.0	24	4.0	0.0	0.0	16.8								
	OMISSION (7th Avenue BRIDGE)																				
Sta 1548 + 28 - 1549 + 48	Taper w/ Butt Jt	120	0	133	0.06	133	0.06	0.0	24	4.0	0.0	0.0	16.8								
Sta 1549 + 48 - 1553 + 63	Taper w/ Butt Jt	415	0	461	0.20	461	0.20	0.0	83	13.8	0.0	0.0	58.1								
Sta 1553 + 63 - 1560 + 28	Off-Ramp w/ Outside Shldr	665	16	1182	8	591	0.93	1.8	133	22.2	66.2	99.3	74.5								
Off-ramp to 7th Ave	Gore Area	335			1-21	409	0.18	0.0	0	0.0	0.0	0.0	51.6								
	Ramp w/ Shldr	100	16	178	12	133	0.16	0.3	20	3.3	10.0	14.9	16.8								
	Ramp Taper w/ Butt Jt	90	16	160	12	120	0.14	0.2	18	3.0	9.0	13.4	15.1								
Sta 1560 + 28 - 1560 + 96	Remaining Taper w/ Butt Jt	68			10	76	0.03	0.0	14	2.3	0.0	0.0	9.5								
	OMISSION (7th Street BRIDGE)																				
Sta 1584 + 49 - 1665 + 79	Taper w/ Butt Jt	130	0	144	0.06	144	0.06	0.0	26	4.3	0.0	0.0	18.2								
Sta 1565 + 79 - 1577 + 81	Taper w/ Butt Jt	1202	0	1336	0.57	1336	0.57	0.0	240	40.1	0.0	0.0	168.3								
Sta 1577 + 81 - 1579 + 11	Taper w/ Butt Jt	130	0	144	0.06	144	0.06	0.0	26	4.3	0.0	0.0	18.2								
	OMISSION (11th Street BRIDGE)																				
Sta 1582 + 52 - 1583 + 82	Taper w/ Butt Jt	130	0	144	0.06	144	0.06	0.0	26	4.3	0.0	0.0	18.2								
Sta 1583 + 82 - 1585 + 48	Taper w/ Butt Jt	166	0	184	0.08	184	0.08	0.0	33	5.5	0.0	0.0	23.2								
Sta 1585 + 48 - 1588 + 21	Off-Ramp w/ Outside Shldr	192	16	341	8-10	270	0.31	0.5	38	6.4	19.1	28.7	34.0								
Off-ramp to 11th Street	Gore Area	114	0	114	0.05	114	0.05	0.0	0	0.0	0.0	0.0	14.4								
	Ramp w/ Shldr	100	16	178	10	111	0.15	0.3	20	3.3	10.0	14.9	14.0								
	Ramp Taper w/ Butt Jt	90	16	160	10	100	0.13	0.2	18	3.0	9.0	13.4	12.6								
Sta 1588 + 21 - 1592 + 71	Ramp w/ Shldr	450	0	500	0.30	500	0.30	0.2	90	15.0	8.4	12.6	63.0								
Sta 1592 + 71 - 1593 + 91	Mainline Taper 2 1/4" to 3"	120	0	0	0.00	0	0.00	0.0	144	16.0	0.0	0.0	0.0								
Sta 1593 + 91 - 1594 + 38	Begin LB 1.5" & Surf 1.5"	47	0	0	0.00	0	0.00	0.0	56	6.3	0.0	0.0	0.0								
Sta 1594 + 38 - 1601 + 41	Mainline Ends @ 16th St	703	0	0	0.00	0	0.00	0.0	844	93.7	0.0	0.0	0.0								
<b>OUTSIDE SHOULDER AND RAMP TOTALS</b>													<b>31,646</b>	<b>53,293</b>	<b>40.96</b>	<b>47.5</b>	<b>8,571</b>	<b>1,370.4</b>	<b>1,772.2</b>	<b>2,631.4</b>	<b>6,714.9</b>

ROUTE: FAP 308 (IL 92)  
 SECTION: (1,2,3)RS-4  
 COUNTY: Rock Island  
 CONTRACT: #64E84  
 SHEET 27 OF 58

# CLASS A PATCHES, 7 INCH

STATION	REMARKS	44200517		44200521				44200523				44002214		40601005		44213200	Z0075300	44213000	
		POSSIBLE AREAS OF CLASS A PATCHING, 7"		TYPE 2		TYPE 3		TYPE 4		HMA REMOVAL OVER PATCHES, 3 1/2"		HMA REPLACEMENT OVER PATCHES (3 1/2")		SAW CUTS (4W+2L) (feet)	TIE BARS (each)	PATCH REIN-FORCEMT (yd <sup>2</sup> )			
		LT LN (yd <sup>2</sup> )	RT LN (yd <sup>2</sup> )	LT LN (yd <sup>2</sup> )	RT LN (yd <sup>2</sup> )	LT LN (yd <sup>2</sup> )	RT LN (yd <sup>2</sup> )	LT LN (yd <sup>2</sup> )	RT LN (yd <sup>2</sup> )	INSIDE LN (yd <sup>2</sup> )	OUTSIDE LN (yd <sup>2</sup> )	INSIDE LN (Ton)	OUTSIDE LN (Ton)						
<b>IL 92 NORTH BOUND LANES</b>																			
<b>IL 92 &amp; I-280 Interchange Ramp patches</b>																			
IL 92 N Bnd Off-ramp to I-280 East Bnd																			
1371 + 55	1/2 lane, +/- 9' width	6		6.0											66				
1372 + 58		6		10.7											66				10.7
1373 + 26		6		10.7											66				10.7
2 + 24		12				21.3									84				21.3
3 + 27		8		14.2											72				14.2
IL 92 N Bnd On-ramp from I-280 East Bnd																			
1 + 13		10				17.8													17.8
1 + 72	1/2 lane, +/- 9' width	17				17.0													17.0
1 + 99		6		10.7											66				10.7
IL 92 N Bnd Off-ramp to I280 West Bnd																			
1387 + 52		10				17.8													17.8
1389 + 10		25				44.4													44.4
IL 92 N Bnd On-ramp from I280 West Bnd																			
1 + 31		12				21.3													21.3
1407 + 61		16				28.4													28.4
<b>IL 92 NORTH BOUND LANES-MAINLINE PATCHES (See Remarks for Ramp Patches)</b>																			
1370 + 64		6		8.0		8.0									9.3		1.9		126
1371 + 55		6		8.0		8.0									9.3		1.9		126
1371 + 90		6		8.0		8.0									9.3		1.9		126
1372 + 58		6		8.0		8.0									9.3		1.9		126
1373 + 26		11		14.7		8.0									16.0		3.2		141
1374 + 38		10		13.3		13.3									14.7		3.0		146
1375 + 73		6		8.0		8.0									9.3		1.9		126
1376 + 49		9		12.0		8.0									13.3		2.7		135
1377 + 95		6		8.0		8.0									9.3		1.9		66
1379 + 8		25		19											34.7		7.0		209
1380 + 5		10		8		13.3									14.7		3.0		142
1380 + 10		6		8.0		8.0									9.3		1.9		66
1382 + 19		8		10.7		8.0									12.0		2.4		132
1382 + 47		10		13.3		13.3									14.7		3.0		146
1383 + 56		6		8.0		10.7									9.3		1.9		132
1384 + 38		11		14.7		8.0									16.0		3.2		141
1384 + 48		6		8.0		8.0									9.3		1.9		126
1384 + 94		6		8.0		8.0									9.3		1.9		126
1385 + 25		6		8.0		8.0									9.3		1.9		126
1386 + 57		6		8.0		8.0									9.3		1.9		126

ROUTE: FAP 308 (IL 92)  
 SECTION: (1,2,3)RS-4  
 COUNTY: Rock Island  
 CONTRACT: #64E84  
 SHEET 28 OF 58

# CLASS A PATCHES, 7 INCH

STATION	REMARKS	12 FEET LANE WIDTH												44200517		44200523				44002214				40801005				44213200	Z0075300	44213000
		POSSIBLE AREAS OF CLASS A PATCHING, 7"						TYPE 2						TYPE 3		TYPE 4		HMA REMOVAL OVER PATCHES, 3 1/2" OVER PATCHES (3 1/2")				HMA REPLACEMENT OVER PATCHES (3 1/2")	SAW CUTS (4W+2L) (feet)	TIE BARS (each)	PATCH REIN-FORMENT (Yd <sup>2</sup> )					
		INSIDE LN (LT LN) (feet)	INSIDE LN (RT LN) (feet)	LT LN (yd <sup>2</sup> )	RT LN (yd <sup>2</sup> )	LT LN (yd <sup>2</sup> )	RT LN (yd <sup>2</sup> )	LT LN (yd <sup>2</sup> )	RT LN (yd <sup>2</sup> )	LT LN (yd <sup>2</sup> )	RT LN (yd <sup>2</sup> )	INSIDE LN (yd <sup>2</sup> )	RT LN (yd <sup>2</sup> )	INSIDE LN (yd <sup>2</sup> )	RT LN (yd <sup>2</sup> )	INSIDE LN (Ton)	OUTSIDE LN (Ton)	INSIDE LN (Ton)	OUTSIDE LN (Ton)											
1387 + 52		15	15	8.0	8.0	20.0	20.0																171			40.0				
1388 + 71		6	6	8.0	8.0																		126			16.0				
1389 + 10		25	25					33.3	33.3														221		12	66.7				
1393 + 76		6	6	8.0	8.0																		126			16.0				
1394 + 34		6	6	8.0	8.0																		126			16.0				
1396 + 20		6	6	8.0	8.0																		126			16.0				
1403 + 76		11	10	14.7	13.3																		149			28.0				
1404 + 80			6		8.0																		66			8.0				
1407 + 61		11	9	14.7	12.0																		147			26.7				
1408 + 86			8		10.7																		72			10.7				
1413 + 68		10	10	13.3	13.3																		146			26.7				
1414 + 75		25	50					33.3	66.7														296		24	100.0				
1415 + 54		10	10		13.3																		78			13.3				
1416 + 45		10	10	13.3	13.3																		146			26.7				
1416 + 74		10	10	13.3	13.3																		78			13.3				
1417 + 40		6	6		8.0																		66			8.0				
1417 + 92		6	6	8.0	8.0																		126			16.0				
1418 + 25		6	6	8.0	8.0																		126			16.0				
1418 + 74		6	6	8.0	8.0																		126			16.0				
1419 + 39		6	40	8.0																			126			16.0				
1420 + 15		15	24																				228		19	61.3				
1420 + 91		10	20	13.3				20.0															198		11	52.0				
1421 + 49			6		8.0																		176		9	40.0				
1421 + 85		8	8	10.7	10.7																		66			8.0				
1423 + 36		12	12					16.0															136			21.3				
1423 + 79		6	6	8.0	8.0																		84			16.0				
1423 + 86		11	10	14.7	13.3																		126			16.0				
1424 + 69			6		8.0																		149			28.0				
1425 + 47		20	20																				66			8.0				
1426 + 31		8	8		10.7																		196		9	53.3				
1427 + 72		6	10	8.0	13.3																		72			10.7				
1430 + 69		15	15																				138			21.3				
1431 + 9		6	6	8.0	8.0																		93			20.0				
1431 + 53		6	6	8.0	8.0																		126			16.0				
1431 + 85		6	15	8.0	8.0																		66			8.0				
1433 + 20		6	6		8.0																		153			28.0				
1433 + 76		20	20																				66			8.0				
1434 + 33		8	8	10.7	10.7																		196		9	53.3				
1435 + 4		8	8	10.7	10.7																		136			21.3				
1435 + 10		6	6		8.0																		66			8.0				
1437 + 12		20	6		8.0																		168		9	34.7				
1454 + 00		6	6		8.0																		66			8.0				

ROUTE: FAP 308 (IL 92)  
SECTION: (1,2,3)RS-4  
COUNTY: Rock Island  
CONTRACT: #64E84  
SHEET 29 OF 58

# CLASS A PATCHES, 7 INCH

STATION	REMARKS	12 FEET LANE WIDTH												44200517		44200521				44200523				44002214				40601005		44213200	Z0075300	44213000
		LENGTH OF PATCH		POSSIBLE AREAS OF CLASS A PATCHING, 7"						TYPE 2		TYPE 3		TYPE 4		HMA REMOVAL OVER PATCHES, 3 1/2"		HMA REPLACEMENT OVER PATCHES (3 1/2")		SAW CUTS (4W+2L)	TIE BARS	PATCH REIN-FORCEMT										
		INSIDE LN (LT LN)	OUTSIDE LN (RT LN)	LT LN (yd <sup>2</sup> )	RT LN (yd <sup>2</sup> )	LI LN (yd <sup>2</sup> )	RI LN (yd <sup>2</sup> )	LT LN (yd <sup>2</sup> )	RT LN (yd <sup>2</sup> )	LI LN (yd <sup>2</sup> )	RI LN (yd <sup>2</sup> )	INSIDE LN (yd <sup>2</sup> )	OUTSIDE LN (yd <sup>2</sup> )	INSIDE LN (Ton)	OUTSIDE LN (Ton)	(feet)	(each)	(yd <sup>2</sup> )														
1454 + 72		6	6	8.0	8.0													9.3	9.3	1.9	1.9	126				16.0						
1454 + 94		8	8	10.7	10.7														12.0	12.0	2.4	2.4	72				10.7					
1459 + 31		8	8	10.7	13.3														12.0	14.7	3.0	3.0	142				24.0					
1459 + 31	Ramp Patch	8	8	14.2															16.0		3.2		72				14.2					
1460 + 96		6	6	8.0	10.7														9.3	12.0	2.4	2.4	132				18.7					
1460 + 96	Ramp Patch	6	6	10.7															12.4		2.5		66				10.7					
1464 + 93		6	6	8.0															9.3		1.9		66				8.0					
1465 + 93		6	6	8.0	8.0														9.3	9.3	1.9	1.9	126				16.0					
1467 + 13		8	8	10.7	8.0														9.3	9.3	1.9	1.9	126				16.0					
1472 + 35		6	6	8.0	8.0														12.0	9.3	2.4	2.4	132				18.7					
1473 + 29		6	6	8.0	8.0														9.3	9.3	1.9	1.9	126				16.0					
1474 + 47		6	6	8.0	8.0														9.3	9.3	1.9	1.9	126				16.0					
1475 + 32		6	6	8.0	8.0														9.3	9.3	1.9	1.9	126				16.0					
1477 + 92		6	6	8.0	8.0														9.3	9.3	1.9	1.9	126				16.0					
1479 + 91		10	10	13.3															14.7		3.0		78				13.3					
1482 + 70		6	6	8.0	8.0														9.3	9.3	1.9	1.9	126				16.0					
1482 + 75	Ramp Patch	6	6	10.7															12.4		2.5		66				10.7					
1483 + 8		8	8	10.7	10.7														12.0	12.0	2.4	2.4	136				21.3					
1483 + 10	Ramp Patch	8	8	14.2															16.0		3.2		72				14.2					
1485 + 74		8	8	10.7	10.7														12.0	12.0	2.4	2.4	136				21.3					
1486 + 88		6	6	8.0															9.3		1.9		66				8.0					
1488 + 17		6	6	8.0	8.0														9.3	21.3	1.9	4.3	153				28.0					
1489 + 88		6	6	8.0															9.3		1.9		66				8.0					
1490 + 63		10	10	13.3															14.7		3.0		78				13.3					
1493 + 12		8	8	10.7	10.7														12.0	12.0	2.4	2.4	136				21.3					
1493 + 15		12	12																17.3		3.5		84				16.0					
1493 + 51		10	10	13.3	13.3														14.7	14.7	3.0	3.0	146				26.7					
1493 + 78		30	30																41.3	68.0	8.3	13.7	306	24			106.7					
1494 + 21		15	11																21.3	16.0	4.3	3.2	163				34.7					
1495 + 74		6	6	8.0															9.3		1.9		66				8.0					
1496 + 76		8	8	10.7															12.0	17.3	2.4	3.5	148				26.7					
1497 + 00		6	6	8.0															9.3		1.9		66				8.0					
1497 + 18		6	6	8.0	8.0														9.3	9.3	1.9	1.9	126				8.0					
1497 + 89		6	6	8.0															9.3		1.9		66				8.0					
1499 + 94		8	8	10.7	10.7														12.0	12.0	2.4	2.4	136				21.3					
1502 + 16		6	6	8.0															9.3		1.9		66				8.0					
1502 + 48		8	8	10.7	10.7														12.0	12.0	2.4	2.4	136				21.3					
1511 + 8		6	6	8.0	8.0														9.3	9.3	1.9	1.9	126				16.0					
1511 + 30		6	6	8.0															9.3		1.9		66				8.0					
1512 + 42		6	6	8.0															9.3		1.9		66				8.0					
1512 + 78		6	6	8.0	8.0														9.3	9.3	1.9	1.9	126				16.0					

ROUTE: FAP 308 (IL 92)  
SECTION: (1,2,3)RS-4  
COUNTY: Rock Island  
CONTRACT: #64E84  
SHEET 30 OF 58

# CLASS A PATCHES, 7 INCH

STATION	REMARKS	44200517				44200521				44200523				44002214				40601005		44213200	Z0075300	44213000
		POSSIBLE AREAS OF CLASS A PATCHING, 7"		TYPE 2		TYPE 3		TYPE 4		HMA REMOVAL OVER PATCHES, 3 1/2"		HMA REPLACEMENT OVER PATCHES (3 1/2")		SAW CUTS (4W+2L) (feet)	TIE BARS (each)	PATCH REIN-FORCEMENT (ydf)						
		INSIDE LN (LT LN) (feet)	OUTSIDE LN (RT LN) (feet)	LT LN (yd²)	RT LN (yd²)	LT LN (yd²)	RT LN (yd²)	LT LN (yd²)	RT LN (yd²)	INSIDE LN (yd²)	OUTSIDE LN (yd²)	INSIDE LN (Ton)	OUTSIDE LN (Ton)									
1514 + 17		8	15	10.7	20.0								157		30.7							
1514 + 89		8	12	10.7	16.0								148		26.7							
1516 + 64		6	6	8.0	8.0								126		16.0							
1521 + 52		6	6	8.0									66		8.0							
1522 + 16		10	15	13.3	20.0								161		33.3							
1523 + 15		6	6	8.0	8.0								126		16.0							
1523 + 89		8	8	10.7									72		10.7							
1524 + 1		8	8	10.7									72		10.7							
1524 + 99		6	6	8.0	8.0								126		16.0							
1525 + 2	Ramp Patch	8	8	14.2									72		14.2							
1525 + 63		6	6	8.0									66		8.0							
1526 + 39		6	6	8.0	8.0								126		16.0							
1526 + 71		6	6	8.0	8.0								126		16.0							
1526 + 90		6	6	8.0	8.0								66		8.0							
1528 + 10		6	8	8.0	10.7								132		18.7							
1530 + 26		6	8	8.0	10.7								132		18.7							
1531 + 56		8	6	8.0	8.0								66		8.0							
1532 + 28		6	6	8.0	8.0								72		10.7							
1533 + 7		6	12	8.0	16.0								126		16.0							
1533 + 54		8	8	10.7									144		24.0							
1534 + 46		15	15	10.7	20.0								72		10.7							
1534 + 90		6	6	8.0									171		40.0							
1535 + 68		10	6	13.3	8.0								66		8.0							
1536 + 47		8	8	10.7	10.7								138		21.3							
1536 + 57		6	6	8.0									136		21.3							
1536 + 80		6	6	8.0									66		8.0							
1537 + 41		6	6	8.0	8.0								66		8.0							
1538 + 4		25	25	8.0									126		16.0							
1538 + 38		6	6	8.0	8.0								221	12	66.7							
1538 + 99		6	10	8.0	13.3								126		16.0							
1539 + 42		8	8	10.7									138		21.3							
1540 + 63		10	10	13.3	13.3								72		10.7							
1540 + 65	Ramp Patch	10	10	13.3	17.8								146		26.7							
1541 + 34		6	6	8.0									78		17.8							
1541 + 61		6	8	8.0	10.7								66		8.0							
1542 + 14		6	6	8.0	8.0								132		18.7							
1542 + 53		6	6	8.0	8.0								126		16.0							
1543 + 45		6	9	8.0	12.0								66		8.0							
1544 + 2		6	6	8.0	8.0								135		20.0							
1549 + 45		6	6	8.0	8.0								126		16.0							
1550 + 95		6	6	8.0	8.0								126		16.0							

ROUTE: FAP 308 (IL 92)  
 SECTION: (1,2,3)RS-4  
 COUNTY: Rock Island  
 CONTRACT: #64E84  
 SHEET 31 OF 58

# CLASS A PATCHES, 7 INCH

STATION	REMARKS	44200517		44200521				44200523				44002214		40601005		44213200	Z0075300	44213000	
		POSSIBLE AREAS OF CLASS A PATCHING, 7"		TYPE 3		TYPE 4		TYPE 3		TYPE 4		HMA REMOVAL OVER PATCHES, 3 1/2"		HMA REPLACEMENT OVER PATCHES (3 1/2")		SAW CUTS (4W+2L)	TIE BARS	PATCH REIN-FORCEMENT	
		LT LN	RTL LN	LT LN	RTL LN	LT LN	RTL LN	LT LN	RTL LN	LT LN	RTL LN	INSIDE LN	OUTSIDE LN	INSIDE LN	OUTSIDE LN	(feet)	(each)	( yd <sup>2</sup> )	
1552 + 48		10	6												138				
1554 + 20		6	6												126				
1554 + 90		6	6												126				
1556 + 20		10	10												146				
1557 + 59		10	10												146				
1558 + 6		11	20												178	9			
1558 + 18		6	11												141				
1558 + 56		6	11												141				
1560 + 8		8	10												142				
1565 + 21		6	6												126				
1566 + 11		6	6												138				
1567 + 22		6	6												126				
1568 + 7		10	10												146				
1568 + 43		10	10												146				
1572 + 2		6	6												126				
1573 + 40		6	6												126				
1576 + 43		10	10												146				
1577 + 30		6	6												126				
1577 + 75		6	6												126				
1583 + 42		10	6												138				
<b>NORTH BOUND SUBTOTALS:</b>		1344.2	1076.0	209.0	204.0	326.2	417.3	2103.3	1876.0	424.0	378.2	21030	171	3577	21030	171	3577		

ROUTE: FAP 308 (IL 92)  
 SECTION: (1,2,3)RS-4  
 COUNTY: Rock Island  
 CONTRACT: #64E84  
 SHEET 32 OF 58

# CLASS A PATCHES, 7 INCH

STATION	REMARKS	12 FEET LANE WIDTH												40601005 HMA REPLACEMENT OVER PATCHES (3 1/2") INSIDE LN OUTSIDE LN (Ton)	44213200 SAW CUTS (4W+2L) (feet)	Z0075300 TIE BARS (each)	44213000 PATCH REIN- FORCEMT (yd <sup>2</sup> )	
		44200517 POSSIBLE AREAS OF CLASS A PATCHING, 7" TYPE 2				44200523 TYPE 3				44002214 HMA REMOVAL OVER PATCHES, 3 1/2" INSIDE LN OUTSIDE LN (yd <sup>2</sup> )								
		INSIDE LN (LT LN) (feet)	OUTSIDE LN (RT LN) (feet)	LT LN (yd <sup>2</sup> )	RT LN (yd <sup>2</sup> )	LT LN (yd <sup>2</sup> )	RT LN (yd <sup>2</sup> )	LT LN (yd <sup>2</sup> )	RT LN (yd <sup>2</sup> )	INSIDE LN (yd <sup>2</sup> )	OUTSIDE LN (yd <sup>2</sup> )	INSIDE LN (yd <sup>2</sup> )	OUTSIDE LN (yd <sup>2</sup> )					
<b>IL 92 SOUTH BOUND LANES</b>																		
<b>IL 92 &amp; I-280 Interchange Ramp patches</b>																		
<b>IL 92 S Bnd Off-ramp to I-280 West Bnd</b>																		
1394 + 60		6		10.7												66		10.7
1394 + 28		8		14.2												72		14.2
1394 + 00		6		10.7												66		10.7
4 + 81		20			35.6											108	9	35.6
6 + 12		6		10.7												66		10.7
6 + 74		8		14.2												72		14.2
10 + 65		8		14.2												72		14.2
<b>IL 92 S Bnd On-ramp to I-280 West Bnd</b>																		
4 + 60		8		14.2												72		14.2
1389 + 97		6		10.7												66		10.7
1389 + 65		6		10.7												66		10.7
1389 + 35		8		14.2												72		14.2
1388 + 28		8		14.2												72		14.2
<b>IL 92 S Bnd Off-ramp to I-280 East Bnd</b>																		
5 + 85		20			35.6											108	9	35.6
6 + 37		10			17.8											78		17.8
7 + 26		8		14.2												72		14.2
<b>IL 92 S Bnd Off-ramp to I-280 East Bnd</b>																		
1370 + 3		10			17.8											78		17.8
<b>IL 92 SOUTH BOUND LANES-MAINLINE PATCHES (See Remarks for Ramp Patches)</b>																		
1369 + 75		6	6	8.0												126	1.9	16.0
1369 + 80		6		8.0												66		8.0
1370 + 3		6	6	8.0	8.0											126	1.9	16.0
1370 + 34		6	6	8.0	8.0											126	1.9	16.0
1372 + 22		8		10.7												72	2.4	10.7
1373 + 53		11	6	14.7	8.0											141	1.9	22.7
1374 + 00		6	8	8.0	10.7											132	2.4	18.7
1374 + 50		6		8.0												66		8.0
1375 + 20		6	6	8.0	8.0											126	1.9	16.0
1379 + 64		8		10.7												72	2.4	10.7
1383 + 58		6	6	8.0	8.0											126	1.9	16.0
1384 + 20		15	15			20.0	20.0									171	4.3	40.0
1384 + 51		6	6	8.0	8.0											126	1.9	16.0
1384 + 62		8		10.7												72	2.4	10.7
1384 + 96		11	15	14.7		20.0										163	4.3	34.7
1385 + 16		6	6	8.0	8.0											126	1.9	16.0
1386 + 00		6	6	8.0	8.0											126	1.9	16.0

ROUTE: FAP 308 (IL 92)  
 SECTION: (1,2,3)RS-4  
 COUNTY: Rock Island  
 CONTRACT: #64E84  
 SHEET 33 OF 58

# CLASS A PATCHES, 7 INCH

STATION	REMARKS	12 FEET LANE WIDTH												44200517	44200521				44200523				44002214				40601005		44213200	Z0075300	44213000
		LENGTH OF PATCH		TYPE 2		TYPE 3		TYPE 4		TYPE 3		TYPE 4			HMA REMOVAL		HMA REPLACEMENT		SAW CUTS (4W+2L) (feet)	TIE BARS (each)	PATCH REIN-FORCEMENT (yds)										
		INSIDE LN (feet)	OUTSIDE LN (feet)	LT LN (yd <sup>2</sup> )	RT LN (yd <sup>2</sup> )	LT LN (yd <sup>2</sup> )	RT LN (yd <sup>2</sup> )	LT LN (yd <sup>2</sup> )	RT LN (yd <sup>2</sup> )	LT LN (yd <sup>2</sup> )	RT LN (yd <sup>2</sup> )	INSIDE LN (yd <sup>2</sup> )	OUTSIDE LN (yd <sup>2</sup> )		INSIDE LN (Ton)	OUTSIDE LN (Ton)															
1386 + 53		8	8	10.7	10.7															136		21.3									
1387 + 74		15	15																		171		40.0								
1387 + 00		6	30	8.0		20.0	20.0			40.0										198	14	48.0									
1387 + 27		6	6		8.0															66		8.0									
1387 + 55		8		10.7																72		10.7									
1388 + 28		6	6	8.0	8.0															66		8.0									
1389 + 35		6	6	8.0	8.0															126		16.0									
1389 + 65		6	6	8.0	8.0															126		16.0									
1389 + 97		6	6	8.0	8.0															126		16.0									
1394 + 00		6	6	8.0	8.0															126		16.0									
1394 + 28		6	6	8.0	8.0															126		16.0									
1394 + 60		6	6	8.0	8.0															126		16.0									
1398 + 92		6	6	8.0	8.0															66		8.0									
1400 + 11		6	6	8.0	8.0															126		16.0									
1418 + 6		30	10	13.3				40.0												206	14	53.3									
1419 + 14		6	6	8.0	8.0															66		8.0									
1420 + 24		6	6	8.0	8.0															126		16.0									
1421 + 50		6	11	8.0	14.7															141		22.7									
1422 + 4		6	6	8.0	8.0															126		16.0									
1422 + 45		6	6	8.0	8.0															66		8.0									
1422 + 80		6	6	8.0	8.0															66		8.0									
1423 + 30		8		10.7																72		10.7									
1424 + 77		6	6	8.0	8.0															126		16.0									
1426 + 91		11	11	14.7	14.7															151		29.3									
1427 + 4		6	6	8.0	8.0															66		8.0									
1427 + 70		6	6	8.0	8.0															66		8.0									
1427 + 76			8	10.7																72		10.7									
1428 + 4		12	10	13.3	16.0															152		29.3									
1430 + 4		8	20	10.7						26.7										172	9	37.3									
1431 + 29		6	6	8.0	8.0															66		8.0									
1433 + 12		10	10	13.3	13.3															146		26.7									
1434 + 67		15	15			20.0														93		20.0									
1435 + 10		11	30	14.7				40.0												208	14	54.7									
1435 + 34		8	8	10.7																72		10.7									
1438 + 84		15	15			20.0														148		26.7									
1453 + 67		8	12	10.7																93		20.0									
1454 + 78		15	15			20.0														93		20.0									
1457 + 31		15	15			20.0														93		20.0									
1459 + 72		6	6	8.0	8.0															126		16.0									
1461 + 17		10	15	13.3		20.0														161		33.3									

ROUTE: FAP 308 (IL 92)  
 SECTION: (1,2,3)RS-4  
 COUNTY: Rock Island  
 CONTRACT: #64E84  
 SHEET 34 OF 58

# CLASS A PATCHES, 7 INCH

STATION	REMARKS	44200517				44200521				44200523				4402214		40601005		44213200	Z0075300	44213000			
		POSSIBLE AREAS OF CLASS A PATCHING, 7"								TYPE 3				TYPE 4				HMA REMOVAL OVER PATCHES, 3 1/2"		HMA REPLACEMENT OVER PATCHES (3 1/2")	SAW CUTS (4W+2L) (feet)	TIE BARS (each)	PATCH REIN-FORCEMENT (yd <sup>2</sup> )
		LENGTH OF PATCH (feet)		TYPE 2		TYPE 3		TYPE 4		INSIDE LN	OUTSIDE LN	INSIDE LN	OUTSIDE LN	INSIDE LN	OUTSIDE LN	INSIDE LN	OUTSIDE LN	(Ton)	(Ton)				
(LT LN)	(RT LN)	(LT LN)	(RT LN)	(LT LN)	(RT LN)	(LT LN)	(RT LN)	(LT LN)	(RT LN)	(LT LN)	(RT LN)	(LT LN)	(RT LN)	(LT LN)	(RT LN)	(yd <sup>2</sup> )	(yd <sup>2</sup> )	(yd <sup>2</sup> )	(yd <sup>2</sup> )	(feet)	(each)	(yd <sup>2</sup> )	
1462 + 92	6	6	8.0	8.0												9.3	9.3	1.9	1.9	126		16.0	
1463 + 17	6	6	8.0	8.0												9.3	9.3	1.9	1.9	126		16.0	
1464 + 78	6	6	8.0	8.0												9.3	9.3	1.9	1.9	126		16.0	
1464 + 79	8		14.2													16.0		3.2		72		14.2	
1466 + 22	6	6	8.0	8.0												9.3	9.3	1.9	1.9	126		16.0	
1467 + 52	6	6	8.0	8.0												9.3	9.3	1.9	1.9	66		8.0	
1475 + 10	8	8	10.7	10.7												12.0	12.0	2.4	2.4	136		21.3	
1476 + 10	6	6	8.0	8.0												9.3	9.3	1.9	1.9	66		8.0	
1477 + 16	10	10	13.3	13.3												14.7	14.7	3.0	3.0	146		26.7	
1478 + 38	6	6	8.0	8.0												9.3	9.3	1.9	1.9	66		8.0	
1480 + 95	6	6	8.0	8.0												9.3	9.3	1.9	1.9	126		16.0	
1480 + 98	6	6	10.7													12.4		2.5		66		10.7	
1481 + 97	6	6	8.0													9.3		1.9		66		8.0	
1481 + 99	8	8	14.2													16.0		3.2		72		14.2	
1482 + 75	8	8	10.7													12.0		2.4		72		10.7	
1483 + 90	6	6	8.0	8.0												9.3	9.3	1.9	1.9	126		16.0	
1484 + 29	8	8	10.7	10.7												12.0	12.0	2.4	2.4	136		21.3	
1485 + 41	8	8	10.7	10.7												12.0	12.0	2.4	2.4	136		21.3	
1488 + 42	8	20	10.7										26.7			12.0	28.0	2.4	5.6	172	9	37.3	
1488 + 80	12							16.0								17.3		3.5		84		16.0	
1490 + 38	10	10	13.3	13.3												14.7	14.7	3.0	3.0	146		26.7	
1490 + 82	12	12							16.0							17.3		3.5		84		16.0	
1491 + 45	10	10	13.3	13.3												14.7	14.7	3.0	3.0	146		26.7	
1492 + 57	6	6	8.0	8.0												9.3	9.3	1.9	1.9	126		16.0	
1493 + 85	8	8	10.7													12.0		2.4		72		10.7	
1494 + 49	6	6	8.0	10.7												9.3	12.0	1.9	2.4	132		18.7	
1496 + 14	6	6	8.0	8.0												9.3	9.3	1.9	1.9	66		8.0	
1497 + 18	8	10	10.7	13.3												12.0	14.7	2.4	3.0	142		24.0	
1498 + 98	6	10	8.0	13.3												9.3	14.7	1.9	3.0	138		21.3	
1499 + 65	6	6	8.0	8.0												9.3	9.3	1.9	1.9	66		8.0	
1500 + 8	10	10	13.3	13.3												14.7	14.7	3.0	3.0	146		26.7	
1502 + 33	10	10	13.3	13.3												14.7	14.7	3.0	3.0	146		26.7	
1503 + 5	12							16.0								17.3		3.5		84		16.0	
1503 + 15	6	6	8.0	8.0												9.3	9.3	1.9	1.9	66		8.0	
1503 + 59	6	6	8.0													9.3		1.9		66		8.0	
1511 + 84	8	8	10.7	10.7												12.0	12.0	2.4	2.4	136		21.3	
1512 + 18	6	6	8.0													9.3		1.9		66		8.0	
1512 + 60	6	6	8.0	8.0												9.3	9.3	1.9	1.9	126		16.0	
1512 + 95	8	8	10.7	10.7												12.0	12.0	2.4	2.4	136		21.3	
1513 + 67	6	6	8.0	8.0												9.3	9.3	1.9	1.9	126		16.0	
1514 + 15	6	10		13.3												14.7		3.0		78		13.3	
1514 + 85	6	6	8.0	8.0												9.3	9.3	1.9	1.9	126		16.0	

ROUTE: FAP 308 (IL 92)  
SECTION: (1,2,3)RS-4  
COUNTY: Rock Island  
CONTRACT: #64E84  
SHEET 35 OF 58

# CLASS A PATCHES, 7 INCH

STATION	REMARKS	12 FEET LANE WIDTH												
		44200517		44200521		44200523		44002214		40601005		44213200	20075300	44213000
		POSSIBLE AREAS OF CLASS A PATCHING, 7"		TYPE 3		TYPE 4		HMA REMOVAL OVER PATCHES, 3 1/2"		HMA REPLACEMENT OVER PATCHES (3 1/2")		SAW CUTS (4W+2L) (feet)	TIE BARS (each)	PATCH REIN- FORCEMT (yd <sup>3</sup> )
LENGTH OF PATCH INSIDE LN	RT LN (feet)	LT LN (yd <sup>2</sup> )	RT LN (yd <sup>2</sup> )	LT LN (yd <sup>2</sup> )	RT LN (yd <sup>2</sup> )	LT LN (yd <sup>2</sup> )	RT LN (yd <sup>2</sup> )	INSIDE LN (yd <sup>2</sup> )	OUTSIDE LN (yd <sup>2</sup> )	INSIDE LN (Ton)	OUTSIDE LN (Ton)			
1515 + 36		6	8.0					9.3		1.9		66		8.0
1523 + 5		15	25				33.3	21.3	34.7	4.3	7.0	201	12	53.3
1525 + 6		6	10					9.3	14.7	1.9	3.0	138		21.3
1526 + 65		15						21.3		4.3		93		20.0
1527 + 36		6	20				26.7	9.3	28.0	1.9	5.6	168	9	34.7
1527 + 84		6	6					9.3	9.3	1.9	1.9	126		16.0
1528 + 75		10						14.7		3.0		78		13.3
1530 + 00		6	6					9.3	9.3	1.9	1.9	126		16.0
1530 + 37		6	10					9.3	14.7	1.9	3.0	138		21.3
1531 + 70		30	6			40.0		41.3	9.3	8.3	1.9	198	14	48.0
1533 + 50		6	8.0					9.3		1.9		66		8.0
1533 + 57		15				20.0			21.3		4.3	93		20.0
1534 + 18		10						14.7		3.0		78		13.3
1534 + 39		6	6					9.3	9.3	1.9	1.9	126		16.0
1534 + 90		10							14.7		3.0	78		13.3
1535 + 3		6	8.0					9.3		1.9		66		8.0
1535 + 30		6	8.0					9.3		1.9		66		8.0
1536 + 49		10	13.3					14.7	14.7	3.0	3.0	146		26.7
1536 + 63		10	13.3						14.7		3.0	78		13.3
1537 + 77		6	6					9.3	9.3	1.9	1.9	126		16.0
1538 + 34		6	6					9.3	9.3	1.9	1.9	126		16.0
1538 + 87		10	6					14.7	9.3	3.0	1.9	138		21.3
1540 + 75		10	13.3					14.7		3.0		78		13.3
1541 + 47		10	13.3					14.7	14.7	3.0	3.0	146		26.7
1542 + 52		6	8.0					9.3		1.9		66		8.0
1543 + 24		6	6					9.3	9.3	1.9	1.9	126		16.0
1543 + 72		6	6					9.3	9.3	1.9	1.9	126		16.0
1545 + 89		6	6					9.3	9.3	1.9	1.9	126		16.0
1552 + 75		6	8					9.3	12.0	1.9	2.4	132		18.7
1554 + 30		6	6					9.3	9.3	1.9	1.9	126		16.0
1556 + 13		15	6			20.0		21.3	9.3	4.3	1.9	153		28.0
1557 + 76		6	6					9.3	9.3	1.9	1.9	126		16.0
1558 + 22		6	10					9.3	14.7	1.9	3.0	138		21.3
1559 + 75		6	6					9.3	9.3	1.9	1.9	126		16.0
1565 + 49		6	6					9.3	9.3	1.9	1.9	126		16.0
1566 + 18		6	6					9.3	9.3	1.9	1.9	126		16.0
1567 + 91		6	6					9.3	9.3	1.9	1.9	126		16.0
1568 + 98		6	6					9.3	9.3	1.9	1.9	126		16.0
1572 + 51		6	6					9.3	9.3	1.9	1.9	126		16.0
1573 + 51		6	6					9.3	9.3	1.9	1.9	126		16.0
1574 + 56		10	10					14.7	14.7	3.0	3.0	146		26.7
1578 + 14		6	6					9.3	9.3	1.9	1.9	126		16.0





ROUTE: FAP 308 (IL 92)  
 SECTION: (1,2,3)RS-4  
 COUNTY: Rock Island  
 CONTRACT: #64E84  
 SHEET 38 OF 58

# CLASS B PATCHING 10" RAMP PATCHING

10 FEET OUTSIDE LANE WIDTH STAGE  
 6 FEET INSIDE LANE WIDTH STAGE

STATION	REMARKS	LENGTH OF PATCH		44200966 TYPE 1		44200970 TYPE 2		44200974 TYPE 3		44200976 TYPE 4		SAWING (3W+7L) (feet)	DOWEL BARS (each)	TIE BARS (each)	PAVEMENT FABRIC (ydf)
		INSIDE LN (LT LN) (feet)	OUTSIDE LN (RT LN) (feet)	RAMP INSIDE LN (ydf)	RAMP OUTSIDE LN (ydf)										
<b>31st AVENUE</b>															
IL 92 N Bnd Off-ramp to 31st Avenue															
+ 34	outside	45										108	8	44	50.0
1 + 42	inside	55										128	8	27	36.7
1 + 86		19				12.7				21.1		56	8		21.1
2 + 73		8				5.3						34	8		
3 + 96		6		4.0								30	8		
4 + 16	outside	10										38	8		
4 + 35		12				8.0						42	8		
4 + 75		6		4.0								30	8		
IL 92 N Bnd On-ramp from 31st Avenue															
+ 35	outside	42										102	8	20	46.7
+ 70	inside	46										110	8	22	30.7
1 + 30		6		4.0								30	8		
1 + 65		8				5.3						34	8		
2 + 47		10				6.7						38	8		
4 + 1		6		4.0								30	8		
4 + 62		6		4.0								30	8		
4 + 90		8				5.3						34	8		
IL 92 S Bnd Off-ramp to 31st Avenue															
7 + 34		12				8.0						42	8		
8 + 10		120										258	8	59	213.3
9 + 20		77										172	8	38	136.9
10 + 39		12				8.0						42	8		
10 + 87		6		4.0								30	8		
11 + 66		10				6.7						38	8		
11 + 88		10				6.7						38	8		
12 + 7		42										102	8	20	74.7
IL 92 S Bnd On-ramp from 31st Avenue															
+ 45	inside	50										118	8	24	33.3
+ 45	outside	32										82	8	15	56.9
+ 91		6										30	8		
1 + 40		14				9.3						46	8		15.6
2 + 22		14				9.3						46	8		15.6
3 + 27		22				14.7						62	8	10	24.4
3 + 87		10				6.7						38	8		
4 + 68		6		4.0								30	8		
5 + 90		40										98	8	19	71.1
<b>18th AVENUE</b>															
IL 92 N Bnd Off-ramp to 18th Avenue															
5 + 65		6										30	8		
7 + 68		22		4.0		14.7						62	8	10	24.4
8 + 56		24										66	8	11	42.7
9 + 5		6		4.0								30	8		
10 + 2	outside	44										106	8	21	48.9
10 + 26	inside	32										82	8	15	21.3
10 + 66		6		4.0								30	8		

ROUTE: FAP 308 (IL 92)  
 SECTION: (1,2,3)RS-4  
 COUNTY: Rock Island  
 CONTRACT: #94E84  
 SHEET 39 OF 58

# CLASS B PATCHING 10" RAMP PATCHING

10 FEET OUTSIDE LANE WIDTH STAGE

6 FEET INSIDE LANE WIDTH STAGE

STATION	REMARKS	LENGTH OF PATCH		44200966 TYPE 1		44200970 TYPE 2		44200974 TYPE 3		44200976 TYPE 4		SAWING (3W*7L) (feet)	DOWEL BARS (each)	TIE BARS (each)	44213200	Z0017100	Z0075300	44213100
		INSIDE LN (LT LN) (feet)	OUTSIDE LN (RT LN) (feet)	RAMP INSIDE LN (yd²)	RAMP OUTSIDE LN (yd²)	RAMP INSIDE LN (yd²)	RAMP OUTSIDE LN (yd²)	RAMP INSIDE LN (yd²)	RAMP OUTSIDE LN (yd²)	RAMP INSIDE LN (yd²)	RAMP OUTSIDE LN (yd²)							
+ 16	outside	36										90	8	17				64.0
+ 55	inside	40									26.7	98	8	19				26.7
1 + 23		6		4.0			6.7					30	8					
1 + 78		22			14.7			24.4				62	8	10				24.4
2 + 75		24								26.7		66	8	11				42.7
3 + 40	inside	20			13.3							58	8	9				
3 + 86	outside	22						24.4				62	8	10				24.4
<b>IL 92 S Bnd Off-ramp to 18th Avenue</b>																		
7 + 97	outside	6					6.7					30	8					
8 + 18	inside	6		4.0								30	8					
8 + 36		12			8.0		13.3					42	8					
8 + 75	outside	28										74	8	13				31.1
9 + 45		21			14.0			23.3				60	8	10				23.3
9 + 90		60								40.0		138	8	29				106.7
10 + 80		115								76.7		248	8	57				204.4
12 + 5	inside	32					21.3					82	8	15				21.3
12 + 65	outside	56										130	8	27				62.2
13 + 15		36					24.0					90	8	17				64.0
<b>IL 92 S Bnd On-ramp from 18th Avenue</b>																		
+ 70	outside	80										178	8	39				88.9
1 + 00	inside	41								27.3		100	8	20				27.3
1 + 75	outside	55					6.7	11.1				128	8	27				61.1
2 + 36		10										38	8					
2 + 60		14					9.3					46	8					
2 + 81	outside	10										38	8					15.6
3 + 41		58					11.1					134	8	28				103.1
<b>7th AVENUE</b>																		
<b>IL 92 N Bnd On-ramp from 7th Avenue</b>																		
+ 40		48										114	8	23				85.3
+ 95	inside	12					8.0					42	8					
1 + 37	outside	42								46.7		102	8	20				46.7
2 + 27		48								32.0		114	8	23				85.3
3 + 64		6										30	8					
<b>IL 92 N Bnd Off-ramp to 7th Avenue</b>																		
8 + 6		6										30	8					
8 + 31		6										30	8					
8 + 53	inside	13					8.7					44	8					
8 + 82	outside	40								44.4		98	8	19				44.4
9 + 86		36								40.0		90	8	17				64.0
10 + 23		30								33.3		78	8	14				53.3
10 + 50	inside	16					10.7					50	8					
10 + 73	outside	18										54	8					20.0
11 + 18		15					10.0					48	8					16.7
11 + 53		48								32.0		114	8	23				85.3
<b>IL 92 S Bnd Off-ramp to 7th Avenue</b>																		
7 + 78		32						21.3				82	8	15				56.9
8 + 65		57								38.0		132	8	28				101.3
9 + 43		6										30	8					
9 + 80		17					11.3					52	8					18.9

ROUTE: FAP 308 (L 92)  
 SECTION: (1,2,3)RS-4  
 COUNTY: Rock Island  
 CONTRACT: #84E84  
 SHEET 40 OF 58

# CLASS B PATCHING 10" RAMP PATCHING

10 FEET OUTSIDE LANE WIDTH STAGE  
 6 FEET INSIDE LANE WIDTH STAGE

STATION	REMARKS	LENGTH OF PATCH		44200970 TYPE 2		44200974 TYPE 3		44200976 TYPE 4		SAWING (3W+7L) (feet)	DOWEL BARS (each)	TIE BARS (each)	44213200	Z0017100	Z0075300	44213100					
		INSIDE LN (LT LN) (feet)	OUTSIDE LN (RT LN) (feet)	RAMP INSIDE LN (yd²)	RAMP OUTSIDE LN (yd²)	RAMP INSIDE LN (yd²)	RAMP OUTSIDE LN (yd²)	RAMP INSIDE LN (yd²)	RAMP OUTSIDE LN (yd²)												
10 + 19		8								34	8										
10 + 52	inside	10		6.7						38	8										
10 + 80	outside	24						26.7		56	8	11				26.7					
11 + 25		20		13.3			22.2			58	8	9				22.2					
11 + 63		6				6.7				30	8										
12 + 5		46						30.7		110	8	22				81.8					
<b>IL 92 S Bnd On-ramp from 7th Avenue</b>																					
+ 55	outside	20								58	8	9				22.2					
+ 75	inside	30					20.0			78	8	14				20.0					
1 + 25	outside	50							55.6	118	8	24				55.6					
2 + 25		6				4.0				30	8										
2 + 58		36						24.0		90	8	17				64.0					
3 + 11		6				4.0				30	8										
3 + 40		6				4.0				30	8										
3 + 65		12					8.0			42	8										
4 + 3		22					14.7			62	8	10				24.4					
4 + 28		16					10.7			50	8					17.8					
4 + 42		8					5.3			34	8										
4 + 60		6				4.0				30	8										
<b>11th STREET</b>																					
<b>IL 92 N Bnd Off-ramp to 11th Street/2nd</b>																					
+ 00		6								30	8										
+ 38		6				4.0				30	8										
+ 54		6				4.0				30	8										
+ 91		6				4.0				30	8										
1 + 13		6				4.0				30	8										
1 + 94		6				4.0				30	8										
2 + 34		6				4.0				30	8										
3 + 00		16					10.7			50	8					17.8					
3 + 89		6				4.0				30	8										
4 + 52		6				4.0				30	8										
<b>IL 92 N Bnd On-ramp from 11th Street/1st Avenue</b>																					
+ 24		12								42	8										
+ 67		13					8.0			44	8										
+ 97		6				4.0	8.7			30	8										
2 + 97		6				4.0				30	8										
3 + 25		6				4.0				30	8										
3 + 98		6				4.0				30	8										
4 + 45		6				4.0				30	8										
4 + 80		6				4.0				30	8										
5 + 28		6				4.0				30	8										
5 + 97		6				4.0				30	8										
6 + 51		6				4.0				30	8										
6 + 85		28						18.7		74	8	13				49.8					
<b>SUBTOTAL</b>																					
<b>TOTALS</b>																					
											160.0	333.3	483.3	272.0	348.9	660.7	1754.4	984	1024	7676	3036.0
											160.0	816.7	620.9	660.7	2415.1	984	1024	7676	3036.0		

# Schedule of Quantities

FAP 308 (IL 92)  
SECTION (1,2,3,)RS-4  
ROCK ISLAND COUNTY  
CONTRACT # 64E84  
SHEET 41 OF 58

## 40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JT

<u>SQ YD</u>	<u>LOCATION</u>	
<b>IL 92 NB</b>		
253.3	Sta. 1369 + 03 - 1369 + 63	(Mainline) (60x38)
<b>IL 92 SB</b>		
420.0	Sta. 1369 + 03 - 1369 + 63	(Mainline) (60x63)
<b>IL 92 NB RAMPS</b>		
186.7	Off Ramp to I-280 EB	(Ramp plus shoulders)(60 x 28)
186.7	On Ramp from I-280 EB	(Ramp plus shoulders)(60 x 28)
186.7	Off Ramp to I-280 WB	(Ramp plus shoulders)(60 x 28)
186.7	On Ramp from I-280 WB	(Ramp plus shoulders)(60 x 28)
80.0	Off Ramp to 31st Ave	(Ramp shoulders only)(4+8)(60)
80.0	On Ramp from 31st Ave	(Ramp shoulders only)(4+8)(60)
80.0	Off Ramp to 18th Ave	(Ramp shoulders only)(4+8)(60)
80.0	On Ramp from 18th Ave	(Ramp shoulders only)(4+8)(60)
80.0	Off Ramp to 7th Ave	(Ramp shoulders only)(4+8)(60)
80.0	On Ramp from 7th Ave	(Ramp shoulders only)(4+8)(60)
80.0	On Ramp from 11th St	(Ramp shoulders only)(4+8)(60)
<b>IL 92 SB RAMPS</b>		
186.7	On Ramp from I-280 EB	(Ramp plus shoulders)(60 x 28)
186.7	Off Ramp to I-280 EB	(Ramp plus shoulders)(60 x 28)
80.0	On Ramp from I-280 WB	(Ramp plus shoulders)(60 x 28)
80.0	Off Ramp to I-280 WB	(Ramp plus shoulders)(60 x 28)
80.0	On Ramp from 31st Ave	(Ramp shoulders only)(4+8)(60)
80.0	Off Ramp to 31st Ave	(Ramp shoulders only)(4+8)(60)
80.0	On Ramp from 18th Ave	(Ramp shoulders only)(4+8)(60)
80.0	Off Ramp to 18th Ave	(Ramp shoulders only)(4+8)(60)
80.0	On Ramp from 7th Ave	(Ramp shoulders only)(4+8)(60)
80.0	Off Ramp to 7th Ave	(Ramp shoulders only)(4+8)(60)
80.0	Off Ramp to 11th St	(Ramp shoulders only)(4+8)(60)
2400.0		

## 40600985 PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT

<u>SQ YD</u>	<u>LOCATION</u>	
<b>IL 92 NB RAMPS</b>		
106.7	Off Ramp to 31st Ave	(Ramp only)(60 x 16)
106.7	On Ramp from 31st Ave	(Ramp only)(60 x 16)
106.7	Off Ramp to 18th Ave	(Ramp only)(60 x 16)
106.7	On Ramp from 18th Ave	(Ramp only)(60 x 16)
106.7	Off Ramp to 7th Ave	(Ramp only)(60 x 16)
106.7	On Ramp from 7th Ave	(Ramp only)(60 x 16)
106.7	On Ramp from 11th St	(Ramp only)(60 x 16)
<b>IL 92 SB RAMPS</b>		
106.7	On Ramp from 31st Ave	(Ramp only)(60 x 16)
106.7	Off Ramp to 31st Ave	(Ramp only)(60 x 16)
106.7	On Ramp from 18th Ave	(Ramp only)(60 x 16)
106.7	Off Ramp to 18th Ave	(Ramp only)(60 x 16)
106.7	On Ramp from 7th Ave	(Ramp only)(60 x 16)
106.7	Off Ramp to 7th Ave	(Ramp only)(60 x 16)
106.7	Off Ramp to 11th St	(Ramp only)(60 x 16)
1,493.3	TOTAL	

## 40600990 TEMPORARY RAMP

<u>SQ YD</u>	<u>LOCATION</u>	
<b>IL 92 - Mainline North Bound Lanes</b>		
26.7	Sta. 1369 + 03 - 1369 + 13	(Mainline) (10x24)
26.7	Sta. 1390 + 02 - 1390 + 12	(Mainline) (10x24) I-280
26.7	Sta. 1393 + 10 - 1393 + 20	(Mainline) (10x24) I-280
26.7	Sta. 1439 + 38 - 1439 + 48	(Mainline) (10x24) Rock River
53.3	Sta. 1451 + 24 - 1451 + 34	(Mainline) (10x24 * 2) Rock River
53.3	Sta. 1469 + 31 - 1469 + 41	(Mainline) (10x24 * 2) 31st Ave
53.3	Sta. 1471 + 72 - 1471 + 82	(Mainline) (10x24 * 2) 31st Ave
53.3	Sta. 1505 + 09 - 1505 + 19	(Mainline) (10x24 * 2) RR
53.3	Sta. 1508 + 59 - 1508 + 69	(Mainline) (10x24 * 2) RR
53.3	Sta. 1518 + 63 - 1518 + 73	(Mainline) (10x24 * 2) 18th Ave
53.3	Sta. 1518 + 84 - 1518 + 94	(Mainline) (10x24 * 2) 18th Ave
53.3	Sta. 1546 + 05 - 1546 + 15	(Mainline) (10x24 * 2) 7th Ave
53.3	Sta. 1548 + 29 - 1548 + 39	(Mainline) (10x24 * 2) 7th Ave
26.7	Sta. 1560 + 86 - 1560 + 86	(Mainline) (10x24) 7th St
26.7	Sta. 1564 + 47 - 1564 + 57	(Mainline) (10x24) 7th St
26.7	Sta. 1578 + 59 - 1578 + 69	(Mainline) (10x24) 11th St
26.7	Sta. 1582 + 13 - 1582 + 23	(Mainline) (10x24) 11th St
53.3	Sta. 1601 + 31 - 1601 + 41	(Mainline) (10x24 * 2)

# Schedule of Quantities

FAP 308 (IL 92)  
SECTION (1,2,3)RS-4  
ROCK ISLAND COUNTY  
CONTRACT # 64E84  
SHEET 42 OF 58

<b>IL 92 NB RAMPS</b>		
35.6	Off Ramp to 31st Ave	(Ramp only)(10 x 16)
35.6	On Ramp from 31st Ave	(Ramp only)(10 x 16)
35.6	Off Ramp to 18th Ave	(Ramp only)(10 x 16)
35.6	On Ramp from 18th Ave	(Ramp only)(10 x 16)
35.6	Off Ramp to 7th Ave	(Ramp only)(10 x 16)
35.6	On Ramp from 7th Ave	(Ramp only)(10 x 16)
35.6	On Ramp from 11th St	(Ramp only)(10 x 16)
<b>South Bound Lanes</b>		
160.0	Sta. 1369 + 03 - 1369 + 63	(Mainline) (60x24)
26.7	Sta. 1390 + 37 - 1390 + 47	(Mainline) (10x24) I-280
26.7	Sta. 1393 + 57 - 1393 + 67	(Mainline) (10x24) I-280
26.7	Sta. 1439 + 47 - 1439 + 57	(Mainline) (10x24) Rock River
53.3	Sta. 1451 + 40 - 1451 + 50	(Mainline) (10x24*2) Rock River
53.3	Sta. 1469 + 59 - 1469 + 69	(Mainline) (10x24 * 2) 31st Ave
53.3	Sta. 1471 + 99 - 1472 + 09	(Mainline) (10x24 * 2) 31st Ave
53.3	Sta. 1505 + 48 - 1505 + 58	(Mainline) (10x24 * 2) RR
53.3	Sta. 1509 + 17 - 1509 + 27	(Mainline) (10x24 * 2) RR
53.3	Sta. 1516 + 60 - 1516 + 70	(Mainline) (10x24 * 2) 18th Ave
53.3	Sta. 1519 + 92 - 1520 + 02	(Mainline) (10x24 * 2) 18th Ave
53.3	Sta. 1546 + 07 - 1546 + 17	(Mainline) (10x24 * 2) 7th Ave
53.3	Sta. 1548 + 28 - 1548 + 38	(Mainline) (10x24 * 2) 7th Ave
26.7	Sta. 1560 + 86 - 1560 + 96	(Mainline) (10x24) 7th St
26.7	Sta. 1564 + 49 - 1564 + 59	(Mainline) (10x24) 7th St
26.7	Sta. 1579 + 01 - 1579 + 11	(Mainline) (10x24) 11th St
26.7	Sta. 1582 + 52 - 1582 + 62	(Mainline) (10x24) 11th St
53.3	Sta. 1601 + 31 - 1601 + 41	(Mainline) (10x24 * 2)
<b>IL 92 SB RAMPS</b>		
35.6	On Ramp from 31st Ave	(Ramp only)(10 x 16)
35.6	Off Ramp to 31st Ave	(Ramp only)(10 x 16)
35.6	On Ramp from 18th Ave	(Ramp only)(10 x 16)
35.6	Off Ramp to 18th Ave	(Ramp only)(10 x 16)
35.6	On Ramp from 7th Ave	(Ramp only)(10 x 16)
35.6	Off Ramp to 7th Ave	(Ramp only)(10 x 16)
35.6	Off Ramp to 11th St	(Ramp only)(10 x 16)
<u>2124.4</u>	<b>TOTAL</b>	

44000155 **HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"**

**SQ YD LOCATION**

<b>IL 92 - Mainline</b>		
<b>North Bound Lanes</b>		
168.9	Sta. 1389 + 72 - 1390 + 12	(Mainline) (40x38) I - 280
168.9	Sta. 1393 + 10 - 1393 + 50	(Mainline) (40x38) I - 280
168.9	Sta. 1439 + 08 - 1439 + 48	(Mainline) (40x38) Rock River
168.9	Sta. 1560 + 56 - 1560 + 96	(Mainline) (40x38) 7th St
168.9	Sta. 1564 + 47 - 1564 + 87	(Mainline) (40x38) 7th St
168.9	Sta. 1578 + 29 - 1578 + 69	(Mainline) (40x38) 11th St
168.9	Sta. 1582 + 13 - 1582 + 53	(Mainline) (40x38) 11th St

# Schedule of Quantities

FAP 308 (IL 92)  
SECTION (1,2,3),RS-4  
ROCK ISLAND COUNTY  
CONTRACT # 64E84  
SHEET 43 OF 58

South Bound Lanes			
168.9	Sta.	1389 + 72 - 1390 + 12	(Mainline) (40x38) I - 280
168.9	Sta.	1393 + 10 - 1393 + 50	(Mainline) (40x38) I - 280
168.9	Sta.	1439 + 08 - 1439 + 48	(Mainline) (40x38) Rock River
168.9	Sta.	1560 + 58 - 1560 + 98	(Mainline) (40x38) 7th St
168.9	Sta.	1564 + 47 - 1564 + 87	(Mainline) (40x38) 7th St
168.9	Sta.	1578 + 29 - 1578 + 69	(Mainline) (40x38) 11th St
168.9	Sta.	1582 + 13 - 1582 + 53	(Mainline) (40x38) 11th St
2364.4	TOTAL		

## 44000158 HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"

SQ YD	LOCATION		
IL 92 NB			
3456.7	Sta.	1421 + 60 - 1430 + 75	(Mainline at crossover + outside shoulder)
4067.1	Sta.	1451 + 24 - 1460 + 93	(Mainline at crossover + outside shoulder and ramp)
IL 92 SB			
2871.1	Sta.	1421 + 60 - 1430 + 75	(Mainline at crossover + outside shoulder)
5360.6	Sta.	1451 + 40 - 1463 + 41	(Mainline at crossover + outside shoulder)
15755.5	TOTAL		

## 44000161 HOT-MIX ASPHALT SURFACE REMOVAL 3"

SQ YD	LOCATION		
IL 92 - Mainline			
NB LANES			
232.0	Sta.	1593 + 80 - 1594 + 38	(Mainline with shoulder) (58x36)
1028.4	Sta.	1594 + 38 - 1597 + 94	(Mainline no outside shoulder) (356x26)
1503.7	Sta.	1597 + 94 - 1601 + 41	(Mainline with shoulder + turn lane) (347x39)
523.0	SW Return 16th St		
SB LANES			
3480.0	Sta.	1592 + 71 - 1601 + 41	(Mainline with shoulder) (870x36)
6767.1	TOTAL		

## 44000198 HOT-MIX ASPHALT SURFACE REMOVAL VARIABLE DEPTH

SQ YD	LOCATION		
IL 92 - Mainline			
NB LANES			
253.3	Sta.	1389 + 12 - 1389 + 72	(Mainline) (60x38) I-280
253.3	Sta.	1393 + 50 - 1394 + 10	(Mainline) (60x38) I-280
400.0	Sta.	1420 + 70 - 1421 + 60	(Mainline at crossover)(90 x 40)
400.0	Sta.	1430 + 75 - 1431 + 65	(Mainline at crossover)(90 x 40)
253.3	Sta.	1438 + 48 - 1439 + 08	(Mainline) (60x38) Rock River
555.0	Sta.	1460 + 93 - 1461 + 83	(Mainline at crossover w/ ramp)(EOS to EOS)
506.7	Sta.	1468 + 21 - 1469 + 41	(Mainline) (120x38) 31St Ave
506.7	Sta.	1471 + 72 - 1472 + 92	(Mainline) (120x38) 31St Ave
506.7	Sta.	1503 + 99 - 1505 + 19	(Mainline) (120x38) RR
506.7	Sta.	1508 + 59 - 1509 + 79	(Mainline) (120x38) RR
506.7	Sta.	1515 + 53 - 1516 + 73	(Mainline) (120x38) 18th Ave
506.7	Sta.	1518 + 84 - 1520 + 02	(Mainline) (120x38) 18th Ave
506.7	Sta.	1544 + 95 - 1546 + 15	(Mainline) (120x38) 7th Ave
506.7	Sta.	1548 + 29 - 1549 + 49	(Mainline) (120x38) 7th Ave
506.7	Sta.	1559 + 96 - 1560 + 56	(Mainline) (60x38) 7th St
506.7	Sta.	1564 + 87 - 1565 + 47	(Mainline) (60x38) 7th St
506.7	Sta.	1577 + 69 - 1578 + 29	(Mainline) (60x38) 11th St
506.7	Sta.	1582 + 53 - 1583 + 13	(Mainline) (60x38) 11th St
480.0	Sta.	1592 + 60 - 1593 + 80	(Mainline) (120x36)
56.0	Parking Lot for Maintenance Garage under Centennial Bridge(As directed by RE)		

# Schedule of Quantities

FAP 308 (IL 92)  
SECTION (1,2,3)RS-4  
ROCK ISLAND COUNTY  
CONTRACT # 64E84  
SHEET 44 OF 58

SB LANES			
253.3	Sta.	1389 + 47 - 1390 + 07	(Mainline) (60x38) I-280
253.3	Sta.	1393 + 97 - 1394 + 57	(Mainline) (60x38) I-280
400.0	Sta.	1420 + 70 - 1421 + 80	(Mainline at crossover)(90 x 40)
400.0	Sta.	1430 + 75 - 1431 + 65	(Mainline at crossover)(90 x 40)
253.3	Sta.	1438 + 57 - 1439 + 17	(Mainline) (60x38) Rock River
510.0	Sta.	1463 + 41 - 1464 + 31	(Mainline at crossover w/ ramp)(EOS to EOS)
506.7	Sta.	1468 + 49 - 1469 + 69	(Mainline) (120x38) 31St Ave
506.7	Sta.	1471 + 99 - 1473 + 19	(Mainline) (120x38) 31St Ave
506.7	Sta.	1504 + 38 - 1505 + 58	(Mainline) (120x38) RR
506.7	Sta.	1509 + 17 - 1510 + 37	(Mainline) (120x38) RR
506.7	Sta.	1515 + 50 - 1516 + 70	(Mainline) (120x38) 18th Ave
506.7	Sta.	1518 + 82 - 1520 + 02	(Mainline) (120x38) 18th Ave
506.7	Sta.	1544 + 97 - 1545 + 17	(Mainline) (120x38) 7th Ave
506.7	Sta.	1548 + 28 - 1549 + 48	(Mainline) (120x38) 7th Ave
253.3	Sta.	1559 + 96 - 1560 + 56	(Mainline) (60x38) 7th St
253.3	Sta.	1564 + 87 - 1565 + 47	(Mainline) (60x38) 7th St
253.3	Sta.	1577 + 69 - 1578 + 29	(Mainline) (60x38) 11th St
253.3	Sta.	1582 + 53 - 1583 + 13	(Mainline) (60x38) 11th St
480.0	Sta.	1591 + 51 - 1592 + 71	(Mainline) (120x36)
<u>18347.7</u>	<b>TOTAL</b>		

## 44201294 CLASS B PATCH - EXPANSION JOINT

FOOT	LOCATION	
<u>250</u>	RAMPS	(As determined by Resident)
250	<b>TOTAL</b>	

## 44201296 DEFORMED BARS - EXPANSION JOINT

EACH	LOCATION	
<u>250</u>	RAMPS	(As determined by Resident)
250	<b>TOTAL</b>	

## 60260200 INLETS TO BE ADJUSTED

EACH	LOCATION	
<b>IL 92</b>		
<b>Northbound</b>		
1	Sta 1404 + 66	RT
1	Sta 1462 + 40	In Gore
1	Sta 1476 + 40	In Gore
1	Sta 1523 + 87	In Gore
<b>Southbound</b>		
1	Sta 1464 + 47	In Gore
1	Sta 1469 + 53	Median Shoulder
1	Sta 1471 + 18	Median Shoulder
1	Sta 1478 + 43	In Gore
1	Sta 1568 + 69	Median Shoulder
1	Sta 1573 + 4	Median Shoulder
1	Sta 1573 + 79	Median Shoulder
1	Sta 1584 + 62	Median Shoulder
1	Sta 1587 + 63	Median Shoulder
1	Sta 1589 + 68	Median Shoulder
<u>1</u>	Sta 1590 + 81	In Median
15	<b>TOTAL</b>	

# Schedule of Quantities

FAP 306 (IL 92)  
SECTION (1,2,3,3)RS-4  
ROCK ISLAND COUNTY  
CONTRACT # 64E84  
SHEET 45 OF 58

## 60260200 INLETS TO BE ADJUSTED (SPECIAL)

<u>EACH</u>	<u>LOCATION</u>	
<b>IL 92</b>		
<b>Northbound</b>		
1	Sta 1486 + 59	Median Shoulder
1	Sta 1487 + 59	Median Shoulder
1	Sta 1499 + 05	Median Shoulder
1	Sta 1500 + 50	Median Shoulder
1	Sta 1501 + 83	Median Shoulder
1	Sta 1511 + 47	Median Shoulder
1	Sta 1513 + 00	Median Shoulder
1	Sta 1514 + 17	Median Shoulder
1	Sta 1514 + 94	Median Shoulder
1	Sta 1515 + 10	Median Shoulder
1	Sta 1515 + 72	Median Shoulder
1	Sta 1519 + 50	Median Shoulder
1	Sta 1520 + 11	Median Shoulder
1	Sta 1540 + 57	Median Shoulder
1	Sta 1540 + 75	Median Shoulder
1	Sta 1541 + 00	Median Shoulder
1	Sta 1542 + 55	Median Shoulder
1	Sta 1544 + 00	Median Shoulder
1	Sta 1550 + 75	Median Shoulder
1	Sta 1552 + 28	Median Shoulder
1	Sta 1552 + 99	Median Shoulder
1	Sta 1553 + 20	Median Shoulder
1	Sta 1553 + 72	Median Shoulder
1	Sta 1556 + 54	Median Shoulder
1	Sta 1559 + 57	Median Shoulder
1	Sta 1560 + 75	Median Shoulder
<b>Southbound</b>		
1	Sta 1486 + 59	Median Shoulder
1	Sta 1487 + 59	Median Shoulder
1	Sta 1499 + 05	Median Shoulder
1	Sta 1500 + 50	Median Shoulder
1	Sta 1501 + 83	Median Shoulder
1	Sta 1511 + 47	Median Shoulder
1	Sta 1513 + 00	Median Shoulder
1	Sta 1514 + 17	Median Shoulder
1	Sta 1514 + 94	Median Shoulder
1	Sta 1515 + 10	Median Shoulder
1	Sta 1515 + 72	Median Shoulder
1	Sta 1519 + 50	Median Shoulder
1	Sta 1520 + 11	Median Shoulder
1	Sta 1540 + 57	Median Shoulder
1	Sta 1540 + 75	Median Shoulder
1	Sta 1541 + 00	Median Shoulder
1	Sta 1542 + 55	Median Shoulder
1	Sta 1544 + 00	Median Shoulder
1	Sta 1550 + 75	Median Shoulder
1	Sta 1552 + 28	Median Shoulder
1	Sta 1552 + 99	Median Shoulder
1	Sta 1553 + 20	Median Shoulder
1	Sta 1553 + 72	Median Shoulder
1	Sta 1556 + 54	Median Shoulder
1	Sta 1559 + 57	Median Shoulder
1	Sta 1560 + 75	Median Shoulder
<u>52</u>	<b>TOTAL</b>	

## 60262700 INLETS TO BE RECONSTRUCTED

<u>EACH</u>	<u>LOCATION</u>	
1	Sta 1595 + 76	IL 92 NB
1	Sta 1591 + 52	IL 92 SB
<u>2</u>	<b>TOTAL</b>	

# Schedule of Quantities

FAP 308 (IL 92)  
SECTION (1,2,3),RS-4  
ROCK ISLAND COUNTY  
CONTRACT # 04E84  
SHEET 46 OF 58

## 64200105 SHOULDER RUMBLE STRIP

FOOT	LOCATION			
<b>IL 92 NB</b>				
111	Sta	1369 + 19	- 1370 + 30	Outside Shoulder.
852	Sta	1377 + 18	- 1385 + 70	Outside Shoulder.
872	Sta	1396 + 20	- 1401 + 92	Outside Shoulder.
695	Sta	1414 + 65	- 1421 + 60	Outside Shoulder.
873	Sta	1430 + 75	- 1439 + 48	Outside Shoulder.
621	Sta	1451 + 24	- 1457 + 45	Outside Shoulder.
576	Sta	1463 + 65	- 1469 + 41	Outside Shoulder.
363	Sta	1471 + 72	- 1475 + 35	Outside Shoulder.
2069	Sta	1484 + 50	- 1505 + 19	Outside Shoulder.
473	Sta	1512 + 00	- 1516 + 73	Outside Shoulder.
349	Sta	1518 + 84	- 1522 + 33	Outside Shoulder.
152	Sta	1533 + 00	- 1534 + 52	Outside Shoulder.
429	Sta	1541 + 86	- 1546 + 15	Outside Shoulder.
396	Sta	1548 + 29	- 1552 + 25	Outside Shoulder.
1422	Sta	1564 + 47	- 1578 + 69	Outside Shoulder.
483	Sta	1582 + 13	- 1586 + 96	Outside Shoulder.
<b>IL 92 SB</b>				
2109	Sta	1389 + 03	- 1390 + 12	Median Shoulder
2850	Sta	1393 + 10	- 1421 + 60	Median Shoulder
873	Sta	1430 + 75	- 1439 + 48	Median Shoulder
301	Sta	1451 + 24	- 1454 + 25	Median Shoulder
756	Sta	1461 + 85	- 1469 + 41	Median Shoulder
3347	Sta	1471 + 72	- 1505 + 19	Median Shoulder
814	Sta	1508 + 59	- 1516 + 73	Median Shoulder
2731	Sta	1518 + 84	- 1546 + 15	Median Shoulder
1267	Sta	1548 + 29	- 1560 + 96	Median Shoulder
1422	Sta	1564 + 47	- 1578 + 69	Median Shoulder
<b>IL 92 NB</b>				
1116	Sta	1369 + 03	- 1380 + 19	Outside Shoulder.
383	Sta	1383 + 12	- 1386 + 95	Outside Shoulder.
656	Sta	1400 + 04	- 1406 + 60	Outside Shoulder.
1198	Sta	1409 + 62	- 1421 + 60	Outside Shoulder.
882	Sta	1430 + 75	- 1439 + 57	Outside Shoulder.
675	Sta	1451 + 40	- 1458 + 15	Outside Shoulder.
369	Sta	1466 + 00	- 1469 + 69	Outside Shoulder.
468	Sta	1471 + 99	- 1476 + 67	Outside Shoulder.
1891	Sta	1484 + 47	- 1503 + 38	Outside Shoulder.
301	Sta	1513 + 69	- 1516 + 70	Outside Shoulder.
541	Sta	1518 + 82	- 1524 + 23	Outside Shoulder.
409	Sta	1542 + 08	- 1546 + 17	Outside Shoulder.
535	Sta	1548 + 28	- 1553 + 63	Outside Shoulder.
68	Sta	1560 + 28	- 1560 + 96	Outside Shoulder.
1462	Sta	1564 + 49	- 1579 + 11	Outside Shoulder.
296	Sta	1582 + 52	- 1585 + 48	Outside Shoulder.
<b>IL 92 SB</b>				
2144	Sta	1369 + 03	- 1390 + 47	Median Shoulder
2803	Sta	1393 + 57	- 1421 + 60	Median Shoulder
882	Sta	1430 + 75	- 1439 + 57	Median Shoulder
285	Sta	1451 + 40	- 1454 + 25	Median Shoulder
784	Sta	1461 + 85	- 1469 + 69	Median Shoulder
3359	Sta	1471 + 99	- 1505 + 58	Median Shoulder
753	Sta	1509 + 17	- 1516 + 70	Median Shoulder
2735	Sta	1518 + 82	- 1546 + 17	Median Shoulder
1268	Sta	1548 + 28	- 1560 + 96	Median Shoulder
1462	Sta	1564 + 49	- 1579 + 11	Median Shoulder
54931	<b>TOTAL</b>			

## 78004230 PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"

FOOT	LOCATION			
<b>IL 92 NB</b>				
5810	Sta	1369 + 03	- 1601 + 41	10' White Skip Dashes (Includes Omissions)
<b>IL 92 SB</b>				
5810	Sta	1369 + 03	- 1601 + 41	10' White Skip Dashes (Includes Omissions)
11,620	<b>TOTAL</b>			

## 78008200 POLYUREA PAVEMENT MARKING TYPE 1 - Letters and Symbols

SQ FT	LOCATION		
<b>IL 92 NB</b>			
15.6	Sta	1600 + 46	RT TURN ARROW
15.6	Sta	1601 + 16	RT TURN ARROW
<b>IL 92 SB</b>			
31.2	Sta	1369 + 51	2 - LT TURN ARROWS
31.2	Sta	1370 + 21	2 - LT TURN ARROWS
31.2	Sta	1370 + 91	2 - LT TURN ARROWS
<b>16th Street</b>			
26.0	80' back from EOP of IL 92'NB		RT / LT TURN ARROW
150.8	<b>TOTAL</b>		

# Schedule of Quantities

FAP 308 (IL 92)  
SECTION (1,2,3),RS-4  
ROCK ISLAND COUNTY  
CONTRACT # 64E84  
SHEET 47 OF 58

78008210 POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4"

FOOT    LOCATION

<u>FOOT</u>			<u>LOCATION</u>
<b>IL 92 NB</b>			
23238	Sta 1369 + 03 - 1601 + 41		Median Yellow Edge Line
931	Sta 1389 + 03 - I-280 EB Ramp		White Edge Line
828	Sta 1377 + 42 - 1385 + 70		White Edge Line
173	Sta 1393 + 10 - 1394 + 83		White Edge Line
410	Sta 1397 + 82 - 1401 + 92		White Edge Line
1363	I-280 WB Ramp - 1414 + 65		White Edge Line
4900	Sta 1414 + 65 - 1463 + 65		White Edge Line
196	Sta 1463 + 65 - 31st Ave Ramp		Ramp White Edge Line
576	Sta 1463 + 65 - 1469 + 41		White Edge Line
522	31ST AVE BRIDGE		White and Yellow Edge, white skip
363	Sta 1471 + 72 - 1475 + 35		White Edge Line
1140	31St Ave Ramp - 1484 + 50		Ramp White Edge Line
2169	Sta 1484 + 50 - 1505 + 19		White Edge Line
765	RR BRIDGE		White and Yellow Edge, white skip
727	Sta 1508 + 59 - 18th St Ramp		White Edge Line
473	Sta 1512 + 00 - 1516 + 73		White Edge Line
472	18TH AVE BRIDGE		White and Yellow Edge, white skip
349	Sta 1518 + 84 - 1522 + 33		White Edge Line
1567	18th Ave Ramp - 1533 + 00		Ramp White Edge Line
886	Sta 1533 + 00 - 1538 + 86		White Edge Line
890	Sta 1538 + 86 - 7th Ave Ramp		White Edge Line
429	Sta 1541 + 88 - 1546 + 15		White Edge Line
478	7TH AVE BRIDGE		White and Yellow Edge, white skip
398	Sta 1548 + 29 - 1552 + 25		White Edge Line
1381	7th Ave Ramp - 1560 + 96		Ramp White Edge Line
2600	Sta 1560 + 96 - 1586 + 96		White Edge Line
904	11th St Ramp - 1552 + 80		Ramp White Edge Line
861	Sta 1592 + 80 - 1601 + 41		White Edge Line
190	Off Ramp to 31st Ave		Ramp Yellow Edge Line
190	On Ramp from 31st Ave		Ramp Yellow Edge Line
190	Off Ramp to 18th Ave		Ramp Yellow Edge Line
190	On Ramp from 18th Ave		Ramp Yellow Edge Line
190	Off Ramp to 7th Ave		Ramp Yellow Edge Line
190	On Ramp from 7th Ave		Ramp Yellow Edge Line
190	On Ramp from 11th St		Ramp Yellow Edge Line
<b>IL 92 SB</b>			
23238	Sta 1369 + 03 - 1601 + 41		Median Yellow Edge Line
1598	Sta 1369 + 03 - I-280 EB Ramp		White Edge Line
383	Sta 1383 + 12 - 1386 + 95		White Edge Line
555	Sta 1386 + 95 - I-280 EB Ramp		White Edge Line
648	Sta 1395 + 65 - I-280 WB Ramp		White Edge Line
1450	Sta 1400 + 04 - I-280 WB Ramp		White Edge Line
2995	Sta 1409 + 62 - 1439 + 57		White Edge Line
1690	Sta 1451 + 40 - 31st Ave Ramp		Ramp White Edge Line
369	Sta 1466 + 00 - 1469 + 69		White Edge Line
522	31ST AVE BRIDGE		White and Yellow Edge, white skip
468	Sta 1471 + 99 - 1476 + 67		White Edge Line
1327	31St Ave Ramp - 1484 + 47		Ramp White Edge Line
2111	Sta 1484 + 47 - 1505 + 58		White Edge Line
765	RR BRIDGE		White and Yellow Edge, white skip
452	Sta 1509 + 17 - 1513 + 69		White Edge Line
478	Sta 1513 + 69 - 18th Ave Ramp		White Edge Line
301	Sta 1513 + 69 - 1518 + 70		White Edge Line
472	18TH AVE BRIDGE		White and Yellow Edge, white skip
1268	Sta 1518 + 82 - 1531 + 50		White Edge Line
553	18th Ave Ramp - 1531 + 50		Ramp White Edge Line
1058	Sta 1531 + 50 - 1542 + 08		White Edge Line
574	Sta 1542 + 08 - 7th Ave Ramp		White Edge Line
409	Sta 1542 + 08 - 1546 + 17		White Edge Line
478	7TH AVE BRIDGE		White and Yellow Edge, white skip
1200	Sta 1548 + 28 - 1560 + 28		White Edge Line
525	7th Ave Ramp - 1560 + 28		Ramp White Edge Line
2793	Sta 1560 + 28 - 1588 + 21		White Edge Line
304	11th St Ramp - 1588 + 21		Ramp White Edge Line
1320	Sta 1588 + 21 - 1601 + 41		White Edge Line
190	Off Ramp to 31st Ave		Ramp Yellow Edge Line
190	On Ramp from 31st Ave		Ramp Yellow Edge Line
190	Off Ramp to 18th Ave		Ramp Yellow Edge Line
190	On Ramp from 18th Ave		Ramp Yellow Edge Line
190	Off Ramp to 7th Ave		Ramp Yellow Edge Line
190	On Ramp from 7th Ave		Ramp Yellow Edge Line
190	Off Ramp to 11th St		Ramp Yellow Edge Line
<b>16TH ST</b>			
	EOP of IL 92 back 36'	(36' x 2)	
72	TOTAL		
103321			

# Schedule of Quantities

FAP 308 (IL 92)  
SECTION (1,2,3)RS-4  
ROCK ISLAND COUNTY  
CONTRACT # 64EB4  
SHEET 48 OF 58

## 78008240 POLYUREA PAVEMENT MARKING TYPE 1 - LINE 8"

FOOT	LOCATION		
<b>IL 92 NB</b>			
192	Sta	1599 + 49 - 1601 + 41	Rt turn lane
78	Sta	1594 + 38 - 1594 + 96	Island at 14th St
170	Sta	1600 + 98 - 1601 + 41	SW return island at 16th St
<b>IL 92 SB</b>			
61	Sta	1603 + 07 - 1603 + 64	Lt turn lane
312	Sta	1367 + 47 - 1369 + 03	2 Lt turn lanes
<b>IL 92 NB RAMPS</b>			
(calcs include mainline outside edge line and ramp inside edge line for gore area)			
837	Sta	1373 + 51 - 1377 + 42	IL 92 to I-280 EB
275	Sta	1385 + 70 - 1387 + 05	I-280 EB to IL 92
275	Sta	1394 + 85 - 1398 + 20	IL 92 to I-280 WB
601	Sta	1401 + 92 - 1404 + 91	I-280 WB to IL 92
40	Sta	1404 + 91 - 1406 + 51	I-280 WB to IL 92 skip dashes (4)
774	Sta	1460 + 00 - 1463 + 84	Off Ramp to 31st Ave gore
566	Sta	1475 + 35 - 1478 + 25	On Ramp from 31st Ave gore
40	Sta	1478 + 25 - 1479 + 85	On Ramp from 31st Ave skip dashes (4)
425	Sta	1510 + 00 - 1512 + 00	Off Ramp to 18th Ave gore
540	Sta	1522 + 33 - 1525 + 38	On Ramp from 18th Ave gore
40	Sta	1525 + 38 - 1526 + 98	On Ramp from 18th Ave skip dashes (4)
812	Sta	1537 + 86 - 1541 + 86	Off Ramp to 7th Ave gore
656	Sta	1552 + 25 - 1555 + 38	On Ramp from 7th Ave gore
40	Sta	1555 + 38 - 1556 + 98	On Ramp from 7th Ave skip dashes (4)
276	Sta	1586 + 96 - 1588 + 26	On Ramp from 11th St gore
<b>IL 92 SB RAMPS</b>			
598	Sta	1380 + 19 - 1383 + 12	I-280 EB to IL 92
750	Sta	1386 + 95 - 1390 + 51	IL 92 to I-280 EB
298	Sta	1398 + 65 - 1400 + 04	I-280 WB to IL 92
816	Sta	1402 + 60 - 1406 + 62	IL 92 to I-280 WB
40	Sta	1461 + 00 - 1462 + 60	On Ramp from 31st Ave skip dashes (4)
701	Sta	1462 + 60 - 1466 + 00	On Ramp from 31st Ave gore
942	Sta	1476 + 67 - 1481 + 33	Off Ramp to 31st Ave gore
40	Sta	1509 + 21 - 1510 + 81	On Ramp from 18th Ave skip dashes (4)
586	Sta	1510 + 81 - 1513 + 69	On Ramp from 18th Ave gore
746	Sta	1524 + 23 - 1527 + 86	Off Ramp to 18th Ave gore
40	Sta	1536 + 64 - 1538 + 24	On Ramp from 7th Ave skip dashes (4)
788	Sta	1538 + 24 - 1542 + 08	On Ramp from 7th Ave gore
680	Sta	1553 + 63 - 1556 + 98	Off Ramp to 7th Ave gore
230	Sta	1585 + 93 - 1587 + 07	Off Ramp to 11th St gore
14,265	<b>TOTAL</b>		

## 78008250 POLYUREA PAVEMENT MARKING TYPE 1 - LINE 12"

FT	LOCATION		
<b>IL 92 SB</b>			
40	Painted shoulder from Centennial Bridge to turn lane for 16th St (5 diagonals)		
30	Painted island at 14th St (5 diagonals)		
50	Painted island on SW return for 16th St (10 diagonals)		
120	<b>TOTAL</b>		

## 78008270 POLYUREA PAVEMENT MARKING TYPE 1 - LINE 24"

FT	LOCATION		
<b>IL 92 SB</b>			
24	Sta	1383 + 47	Stop Bar Thru Lanes
24	Sta	1594 + 97	Stop Bar 14th St Thru Lanes
35	Sta	1603 + 07	Stop Bar 16th St Thru Lanes
<b>IL 92 NB</b>			
24	Sta	1594 + 22	Stop Bar 14th St Thru Lanes
35	Sta	1601 + 27	Stop Bar 16th St Thru Lanes
18	Sta	1601 + 50	Stop Bar 16th St SW Return
<b>14TH ST</b>			
16	Sta	1594 + 32	Stop Bar 14th St Left Turn
18	Sta	1494 + 90	Stop Bar 14th St Right Turn
<b>16TH ST</b>			
17	Stop bar - 50' from EOP of IL 92 Turn lanes		
211	<b>TOTAL</b>		

# Schedule of Quantities

FAP 308 (IL 92)  
SECTION (1,2,3),RS-4  
ROCK ISLAND COUNTY  
CONTRACT # 64EB4  
SHEET 49 OF 58

## 78100100 RAISED REFLECTIVE PAVEMENT MARKER

<u>EACH</u>	<u>LOCATION</u>	
<b>SB IL 92</b>		
260	Sta 1369 + 03 - 1601 + 41	One-way Crystal - 1 @ 80' o.c.
17	IL 92 N to I-280 E Ramp	One-way Crystal - 1 @ 20' o.c.
8	IL 92 N to I-280 E Gore	One-way Crystal - 1 @ 40' o.c.
36	IL 92 N to I-280 W Ramp	One-way Crystal - 1 @ 20' o.c.
11	IL 92 N to I-280 W Gore	One-way Crystal - 1 @ 40' o.c.
33	IL 92 N to 31st Ave E Ramp	One-way Crystal - 1 @ 20' o.c.
20	IL 92 N to 31st Ave E Gore	One-way Crystal - 1 @ 40' o.c.
21	IL 92 N to 18th Ave E Ramp	One-way Crystal - 1 @ 20' o.c.
10	IL 92 N to 18th Ave E Gore	One-way Crystal - 1 @ 40' o.c.
38	IL 92 N to 7th Ave E Ramp	One-way Crystal - 1 @ 20' o.c.
20	IL 92 N to 7th Ave E Gore	One-way Crystal - 1 @ 40' o.c.
10	Sta 1599 + 49 - 1601 + 41	One-way Crystal - 1 @ 20' o.c. Rt turn
<b>NB IL 92</b>		
260	Sta 1369 + 03 - 1601 + 41	One-way Crystal - 1 @ 80' o.c.
16	Sta 1369 + 03 - 1370 + 54	One-way Crystal - 1 @ 20' o.c. (2 Lt turn lanes)
38	IL 92 S to I-280 E Ramp	One-way Crystal - 1 @ 20' o.c.
22	IL 92 S to I-280 E Gore	One-way Crystal - 1 @ 40' o.c.
8	IL 92 S to I-280 W Ramp	One-way Crystal - 1 @ 20' o.c.
10	IL 92 S to I-280 W Gore	One-way Crystal - 1 @ 40' o.c.
33	IL 92 S to 31st Ave E Ramp	One-way Crystal - 1 @ 20' o.c.
18	IL 92 S to 31st Ave E Gore	One-way Crystal - 1 @ 40' o.c.
18	IL 92 S to 18th Ave E Ramp	One-way Crystal - 1 @ 20' o.c.
12	IL 92 S to 18th Ave E Gore	One-way Crystal - 1 @ 40' o.c.
33	IL 92 S to 7th Ave E Ramp	One-way Crystal - 1 @ 20' o.c.
18	IL 92 S to 7th Ave E Gore	One-way Crystal - 1 @ 40' o.c.
15	IL 92 S to 11th St E Ramp	One-way Crystal - 1 @ 20' o.c.
6	IL 92 S to 11th St E Gore	One-way Crystal - 1 @ 40' o.c.
991	<b>TOTAL</b>	<b>BRIDGES and BRIDGE APPROACHES WERE OMITTED</b>

## 78300100 PAVEMENT MARKING REMOVAL

<u>SQ FT</u>	<u>LOCATION</u>	
<b>IL 92 NB</b>		
221	I-280 Bridge	Edge lines and skip dashes
874	Rock River Bridge	Edge lines and skip dashes
172	31st Ave Bridge	Edge lines and skip dashes
253	RR Bridge	Edge lines and skip dashes
475	18th Ave Bridge	Edge lines and skip dashes
159	7th Ave Bridge	Edge lines and skip dashes
261	7th St Bridge	Edge lines and skip dashes
256	11st St Bridge	Edge lines and skip dashes

# Schedule of Quantities

FAP 308 (IL 92)  
SECTION (1,2,3),RS-4  
ROCK ISLAND COUNTY  
CONTRACT # 64E64  
SHEET 50 OF 58

	IL 92 SB		
221	I-280 Bridge		Edge lines and skip dashes
874	Rock River Bridge		Edge lines and skip dashes
172	31st Ave Bridge		Edge lines and skip dashes
253	RR Bridge		Edge lines and skip dashes
475	18th Ave Bridge		Edge lines and skip dashes
159	7th Ave Bridge		Edge lines and skip dashes
261	7th St Bridge		Edge lines and skip dashes
256	11st St Bridge		Edge lines and skip dashes
	SB IL 92 AT 16TH ST		
38	Sta 1603 + 07	Stop Bar	19' x 2' Turn lane/Thru lane
41	Sta 1603 + 07	8" white	8" x 61'
	16TH ST		
34	Stop bar - 50' from EOP of IL 92		17' x 2' Turn lanes
24	Double yellow - start 50' from EOP of IL 92		4" x 36' x 2
5479			

**78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL**

<u>EACH</u>	<u>LOCATION</u>
	IL 92
144	Northbound Mainline
93	Southbound Mainline
54	IL 92 S to I-280 W Ramp
18	IL 92 S to I-280 E Ramp
53	IL 92 N to I-280 E Ramp
13	IL 92 N to I-280 W Ramp
25	31st Ave Ramps NB
46	
30	31st Ave Ramps SB
46	
13	18th Ave Ramps NB
57	
19	18th Ave Ramps SB
60	
53	7th Ave Ramps NB
50	
64	7th Ave Ramps SB
29	
29	11th St NB
21	11th St SB
915	TOTAL

**88600400 DETECTOR LOOP, SPECIAL**

<u>FOOT</u>	<u>LOCATION</u>		
	IL 92		
	Northbound at 14th St		
154	Sta 1593 + 92	2 - 6' x 20'	Thru Lanes
154	Sta 1594 + 22	2 - 6' x 20'	Thru Lanes
	Northbound at 16th St		
164	Sta 1600 + 76	2 - 6' x 20'	Thru Lanes
164	Sta 1601 + 16	2 - 6' x 20'	Thru Lanes
74	Sta 1601 + 48	1 - 6' x 20'	Rt turn Lane
	Southbound at 14th St		
154	Sta 1594 + 97	2 - 6' x 20'	Thru Lanes
154	Sta 1595 + 15	2 - 6' x 20'	Thru Lanes
	Southbound at 16th St		
228	Sta 1603 + 37	3 - 6' x 20'	Thru Lanes/Lt turn
92	Sta 1603 + 62	1 - 6' x 20'	Lt turn
1338	TOTAL		

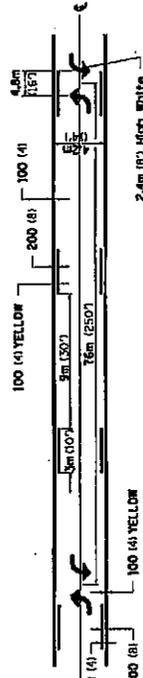
**X3120600 STABILIZED SUB-BASE REPLACEMENT**

<u>SQ YD</u>	<u>LOCATION</u>
2317	IL 92 - As Directed by the R.E. Class A and B Patches
2317.0	TOTAL

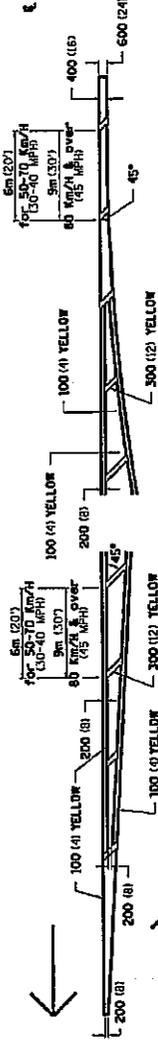


# TYPICAL PAVEMENT MARKINGS

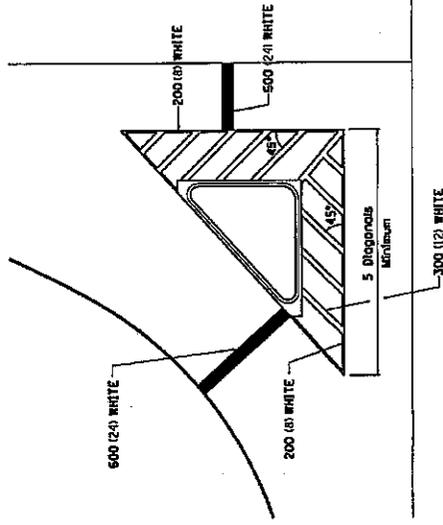
## MEDIAN PAVEMENT MARKING



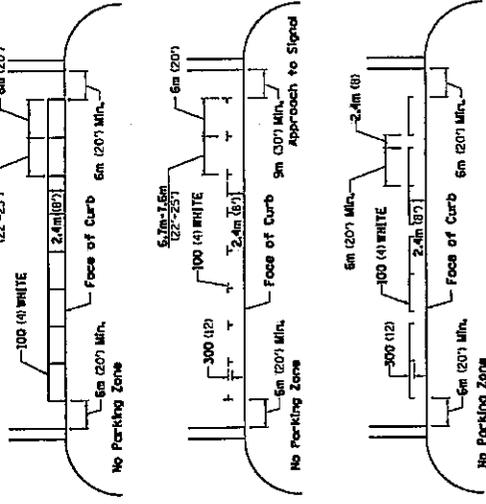
## TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE



## TYPICAL ISLAND OFFSET SHOULDER WIDTH

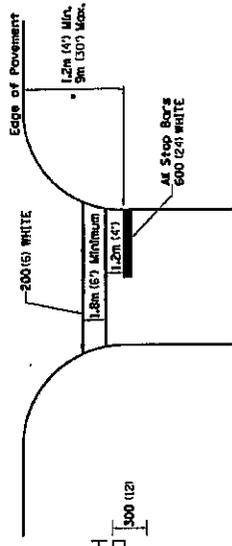


## TYPICAL PARKING SPACING



## STANDARD CROSSWALK MARKING

See Schedules for Locations



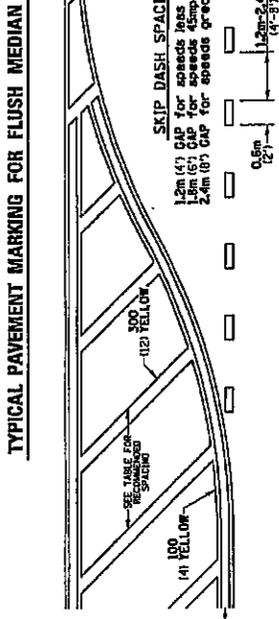
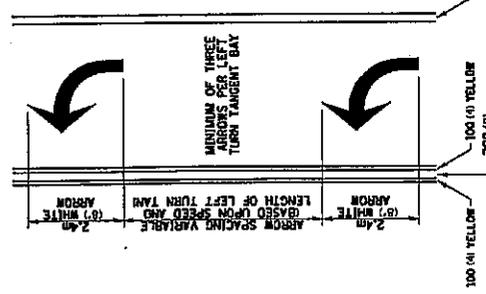
\* Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

\*\* ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	SCALE: UNASSIGNED SHEET NO. OF SHEETS: 1 TOTAL SHEETS: 1	DATE: 10/21/08	DESIGNED BY: [REDACTED]	REVISIONS:
TYPICAL PAVEMENT MARKINGS		SHEET 1 OF 3	41.1	DATE: 10/21/08	REVISIONS:
CONTRACT NO. 03-110-1-01		CONTRACT DATE: 03/11/08	CONTRACT NO. 03-110-1-01	DATE: 10/21/08	REVISIONS:
PROJECT NO. 03-110-1-01		PROJECT DATE: 03/11/08	PROJECT NO. 03-110-1-01	DATE: 10/21/08	REVISIONS:

# TYPICAL PAVEMENT MARKINGS

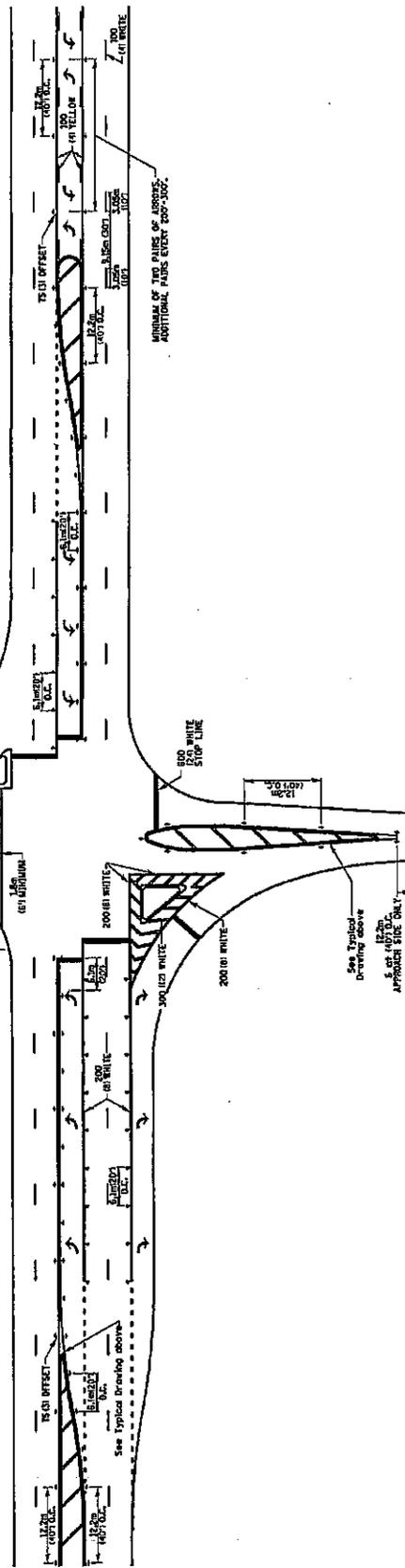
## ARROW LAYOUT



## RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 50km/h (30MPH)	15.3m (50')	4.53m (15')	3.09m (10')
50-60km/h (30-40MPH)	22.9m (75')	6.1m (20')	4.53m (15')
70km/h (45MPH) & over	22.9m (75')	9.05m (30')	6.1m (20')

NOTE: If the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.



FILE NO.	DESIGN NO.	DESIGNED	DATE	REVISION	DATE	REVISION	DATE	REVISION	DATE
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION					REGION 2 / DISTRICT 2 STANDARD				
SCALE: AS SHOWN					SHEET NO. OF TOTAL SHEETS				
TYPICAL PAVEMENT MARKINGS					SHEET 2 OF 3				





ROUGH GROOVED SURFACE SIGN 91.2

REVISED - 1-29-08

ALL DIMENSIONS IN INCHES.

SIGN SIZE	1	2	3	MARGIN	BORDER	BLANK STD.
	1200x1200	7C	7C			

SIGN SIZE	A	B	C	D	E	F	G	H
	1200	600	75	850	825	150	325	88
DIMENSIONS		(48.0)	(24.1)	(3.0)	(34.0)	(6.0)	(12.0)	(3.5)

SIGN PANELS AND FACE MATERIALS SHALL BE ACCORDING TO SECTION 120 OF THE STANDARD SPECIFICATIONS  
 METAL POSTS SHALL BE IN ACCORDANCE WITH STD. 720011.  
 ALL MOUNTING HARDWARE SHALL BE ALUMINUM, STAINLESS STEEL, ZINC OR CADMIUM PLATED STEEL AND SHALL BE INCLUDED TO THE COST OF THE INSTALLATION.  
 UNLESS OTHERWISE NOTED.

GENERAL NOTES

COLOR, LEGEND AND BORDER - BLACK NON-REFLECTIVE  
 BACKGROUND - ORANGE REFLECTIVE



ILLINOIS STANDARD W8-1107  
 SIGN PANEL TYPE 1  
 SURFACE SIGN  
 GROOVED  
 SURFACE SIGN

FILE NAME = D:\Projects\Rock_Island\64EB4_IL.92.SP.S.1288.to.15th.St.Magt.Project Files\1. 92	USER NAME = megilj	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.P. RTE. 308	SECTION 11.2.218S-4	COUNTY ROCK ISLAND	TOTAL SHEETS 58	SHEET NO. 56
PLOT DATE = Thu Feb 05 15:21:57 2009		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CONTRACT NO. 64EB4					

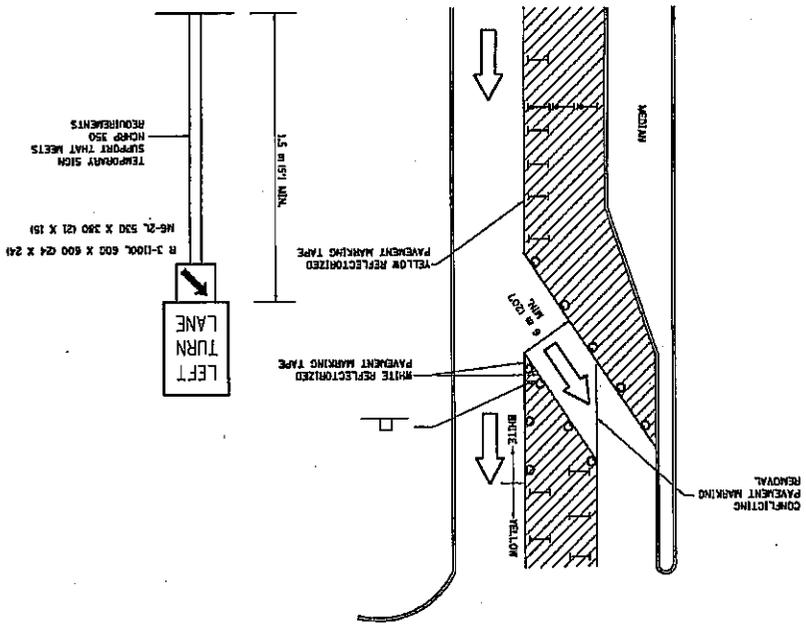
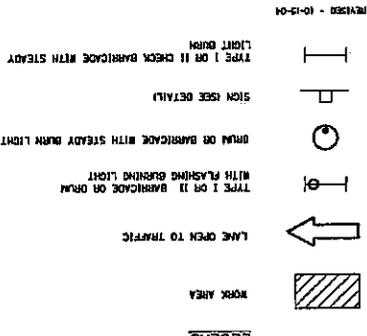
**TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) 94.2**

GENERAL NOTES

CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 710 mm IN HEIGHT. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS WILL BE MONODIRECTIONAL. RECONSTRUCTED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH DAY WHERE THE CLEARANCE TIME IS GREATER THAN POSITIONED DATE.

THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE AND THE RIGHT TURN BAY IS TO REMAIN OPEN UNDER THIS CONDITION. LIGHT TURN LANE - 40-300 600 X 600 600 X 241 AND 40-281 500 X 300 421 X 151 SHALL BE USED.

THESE CONES SHALL SUPPLEMENT MARKING FOR LANE CLOSURE. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS. SIGN (SEE DETAIL) SHALL BE PLACED IN THE COST SPECIFIED TRAFFIC CONTROL STREAMWAYS OR ISLANDS. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS TO REMAIN OPEN TO TRAFFIC SHALL BE PROVIDED IN THE COST SPECIFIED TRAFFIC CONTROL STREAMWAYS OR ISLANDS. (ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.)



**TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)**

FILE NAME = O:\Projects\Rock_Island\64EB4_IL92_3P_S_1288.to.JGth.St\Wegl.Project Files\11. 92	USER NAME = meglilj	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.P. R.T.E. - 308	SECTION - 11.2.3185-4	COUNTY - ROCK ISLAND	TOTAL SHEETS - 58	SHEET NO. - 57
PLOT DATE = Thu Feb 05 15:22:01 2009			CONTRACT NO. 64EB4		FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT		

# CATCH BASIN OR INLETS TO BE ADJUSTED OR RECONSTRUCTED

## (DETAILS FOR CURB & GUTTER REPLACEMENT)

CONCRETE CURB AND GUTTER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 606 OF THE STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, STANDARD 606001 AND THIS DRAWING.

CLASS S1 CONCRETE SHALL BE USED THROUGHOUT. A HOLE 40 (1 1/2) IN DIAMETER AND 225 (9) DEEP SHALL BE DRILLED IN THE EXISTING CONCRETE CURB AS SHOWN. A 32x450 (1 1/4 X 18) SMOOTH DOWEL BAR SHALL BE GROUTED IN THE HOLE LONGITUDINALLY.

JOINTS OF A TYPE SIMILAR TO THAT IN THE UNDERLYING PAVEMENT (EXPANSION OR CONTRACTION) SHALL BE INSTALLED IN THE CONCRETE CURB IN ALIGNMENT WITH THE JOINTS IN THE PAVEMENT.

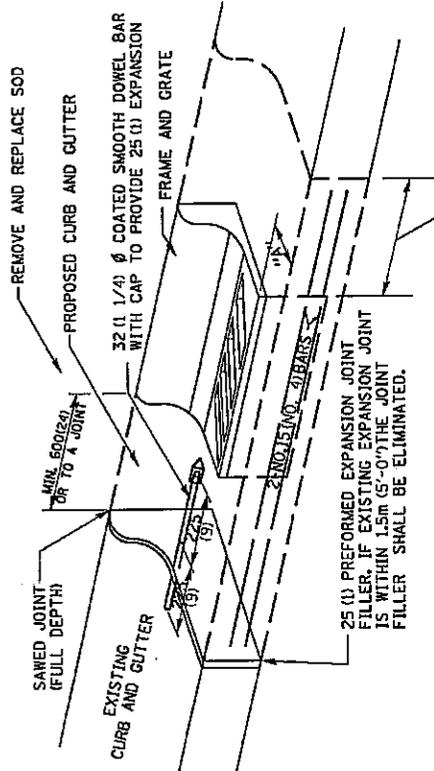
THE PROPOSED CONFIGURATION OF THE CURB AND GUTTER SHALL MATCH THAT REMOVED.

THE LOCATION OF THE DOWEL BAR SHALL BE DETERMINED BY THE ENGINEER.

ALL EXISTING TIE BARS IN EDGE OF PAVEMENT SLAB THRU REPLACEMENT AREA SHALL BE CUT OFF.

THE WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS AND INCLUDES THE REMOVAL AND REPLACEMENT OF SOD, CONCRETE PAVEMENT AND/OR CURB AND GUTTER ADJACENT TO CATCH BASINS OR INLETS TO BE ADJUSTED OR RECONSTRUCTED AND SHALL BE INCLUDED IN THE PAY ITEM OF CATCH BASINS OR INLETS TO BE ADJUSTED OR RECONSTRUCTED AS SPECIFIED.

REVISED - 5-4-94



WHEN "A" IS GREATER THAN 50 (2) - 2 - NO. 15 (NO. 4) BARS SHALL BE PLACED AS SHOWN.

SAME REPAIR AS INDICATED ON OTHER SIDE OF FRAME AND GRATE.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

CATCH BASIN OR INLETS TO BE ADJUSTED OR RECONSTRUCTED 17.4a

FILE NAME =	USER NAME = meglilj	F.A.P. RFE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D:\Projects\Rock.Island\64EB4_IL92_3P.S.1288.to.16th.St.Wegh1.Project.Files\IL 92	inal COVER SHEET OF ILLINOIS DEPARTMENT OF TRANSPORTATION	308	11.2.308-4	ROCK ISLAND	58	58
					CONTRACT NO. 64EB4	
					FED. ROAD DIST. NO. ILLINOIS	FED. AID PROJECT

**REQUIRED CONTRACT PROVISIONS  
FEDERAL-AID CONSTRUCTION CONTRACTS**

	Page
I. General .....	1
II. Nondiscrimination .....	1
III. Nonsegregated Facilities .....	3
IV. Payment of Predetermined Minimum Wage.....	3
V. Statements and Payrolls .....	5
VI. Record of Materials, Supplies, and Labor.....	6
VII. Subletting or Assigning the Contract.....	6
VIII. Safety: Accident Prevention .....	7
IX. False Statements Concerning Highway Projects.....	7
X. Implementation of Clean Air Act and Federal Water Pollution Control Act .....	7
XI. Certification Regarding Debarment, Suspension, Ineligibility, and Voluntary Exclusion .....	8
XII. Certification Regarding Use of Contract Funds for Lobbying .....	9

**ATTACHMENTS**

- A. Employment Preference for Appalachian Contracts  
(included in Appalachian contracts only)

**I. GENERAL**

1. These contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.
2. Except as otherwise provided for in each section, the contractor shall insert in each subcontract all of the stipulations contained in these Required Contract Provisions, and further require their inclusion in any lower tier subcontract or purchase order that may in turn be made. The Required Contract Provisions shall not be incorporated by reference in any case. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with these Required Contract Provisions.
3. A breach of any of the stipulations contained in these Required Contract Provisions shall be sufficient grounds for termination of the contract.
4. A breach of the following clauses of the Required Contract Provisions may also be grounds for debarment as provided in 29 CFR 5.12:
  - Section I, paragraph 2;
  - Section IV, paragraphs 1, 2, 3, 4 and 7;
  - Section V, paragraphs 1 and 2a through 2g.
5. Disputes arising out of the labor standards provisions of Section IV (except paragraph 5) and Section V of these Required Contract Provisions shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the U.S. Department of Labor (DOL) as set forth in 29 CFR 5, 6 and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the DOL, or the contractor's employees or their representatives.
6. Selection of Labor: During the performance of this contract, the contractor shall not:
  - a. Discriminate against labor from any other State, possession, or territory of the United States (except for employment preference for Appalachian contracts, when applicable, as specified in Attachment A), or
  - b. Employ convict labor for any purpose within the limits of the project unless it is labor performed by convicts who are on parole, supervised release, or probation.

**II. NONDISCRIMINATION**

(Applicable to all Federal-aid construction contracts and to all related subcontracts of \$10,000 or more.)

**1. Equal Employment Opportunity:** Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (28 CFR 35, 29 CFR 1630 and 41 CFR 60 (and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the contractor's project activities under this contract. The Equal Opportunity Construction Contract Specifications set forth under 41 CFR 60-4.3 and the provisions of the American Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by reference in this contract. In the execution of this contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

- a. The contractor will work with the State highway agency (SHA) and the Federal Government in carrying out EEO obligations and in their review of his/her activities under the contract.
- b. The contractor will accept as his operating policy the following statement: "It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, preapprenticeship, and/or on-the-job-training."

**2. EEO Officer:** The contractor will designate and make known to the SHA contracting officers an EEO Officer who will have the responsibility for an must be capable of effectively administering and promoting an active contractor program of EEO and who must be assigned adequate authority and responsibility to do so.

**3. Dissemination of Policy:** All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

- a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.
- b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.
- c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor's procedures for locating and hiring minority group employees.
- d. Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.
- e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

**4. Recruitment:** When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minority groups in the area from which the project work force would normally be derived.

- a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employees referral sources likely to yield qualified minority group applicants. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish which such identified sources procedures whereby minority group applicants may be referred to the contractor for employment consideration.
- b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, he is expected to observe the provisions of that agreement to the extent that the system permits the contractor's compliance with EEO contract provisions. (The DOL has held that where implementation of such agreements have the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Executive Order 11246, as amended.)
- c. The contractor will encourage his present employees to refer minority group applicants for employment. Information and procedures with regard to referring minority group applicants will be discussed with employees.

**5. Personnel Actions:** Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:

- a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.
- b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.
- c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.
- d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with his obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of his avenues of appeal.

**6. Training and Promotion:**

- a. The contractor will assist in locating, qualifying, and increasing the skills of minority group and women employees, and applicants for employment.
- b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. Where feasible, 25 percent of apprentices or trainees in each occupation shall be in their first year of apprenticeship or training. In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision.
- c. The contractor will advise employees and applicants for employment of available training programs and entrance

requirements for each.

d. The contractor will periodically review the training and promotion potential of minority group and women employees and will encourage eligible employees to apply for such training and promotion.

**7. Unions:** If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use his/her best efforts to obtain the cooperation of such unions to increase opportunities for minority groups and women within the unions, and to effect referrals by such unions of minority and female employees. Actions by the contractor either directly or through a contractor's association acting as agent will include the procedures set forth below:

- a. The contractor will use best efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minority group members and women for membership in the unions and increasing the skills of minority group employees and women so that they may qualify for higher paying employment.
- b. The contractor will use best efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.
- c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the SHA and shall set forth what efforts have been made to obtain such information.
- d. In the event the union is unable to provide the contractor with a reasonable flow of minority and women referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or quailifiable minority group persons and women. (The DOL has held that it shall be no excuse that the union with which the contractor has a collective bargaining agreement providing for exclusive referral failed to refer minority employees.) In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the SHA.

**8. Selection of Subcontractors, Procurement of Materials and Leasing of Equipment:** The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment.

- a. The contractor shall notify all potential subcontractors and suppliers of his/her EEO obligations under this contract.
- b. Disadvantaged business enterprises (DBE), as defined in 49 CFR 23, shall have equal opportunity to compete for and perform subcontracts which the contractor enters into pursuant to this contract. The contractor will use his best efforts to solicit bids from and to utilize DBE subcontractors or subcontractors with meaningful minority group and female representation among their employees. Contractors shall obtain lists of DBE construction firms from SHA personnel.
- c. The contractor will use his best efforts to ensure subcontractor compliance with their EEO obligations.

**9. Records and Reports:** The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following completion of the contract work and shall be available at reasonable times and places for inspection by authorized representatives of the SHA and the FHWA.

a. The records kept by the contractor shall document the following:

(1) The number of minority and non-minority group members and women employed in each work classification on the project;

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women;

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minority and female employees; and

(4) The progress and efforts being made in securing the services of DBE subcontractors or subcontractors with meaningful minority and female representation among their employees.

b. The contractors will submit an annual report to the SHA each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on Form FHWA-1391. If on-the-job training is being required by special provision, the contractor will be required to collect and report training data.

### III. NONSEGREGATED FACILITIES

(Applicable to all Federal-aid construction contracts and to all related subcontracts of \$10,000 or more.)

a. By submission of this bid, the execution of this contract or subcontract, or the consummation of this material supply agreement or purchase order, as appropriate, the bidder, Federal-aid construction contractor, subcontractor, material supplier, or vendor, as appropriate, certifies that the firm does not maintain or provide for its employees any segregated facilities at any of its establishments, and that the firm does not permit its employees to perform their services at any location, under its control, where segregated facilities are maintained. The firm agrees that a breach of this certification is a violation of the EEO provisions of this contract. The firm further certifies that no employee will be denied access to adequate facilities on the basis of sex or disability.

b. As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, restrooms and washrooms, restaurants and other eating areas, timeclocks, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive, or are, in fact, segregated on the basis of race, color, religion, national origin, age or disability, because of habit, local custom, or otherwise. The only exception will be for the disabled when the demands for accessibility override (e.g. disabled parking).

c. The contractor agrees that it has obtained or will obtain identical certification from proposed subcontractors or material suppliers prior to award of subcontracts or consummation of material supply agreements of \$10,000 or more and that it will retain such certifications in its files.

### IV. PAYMENT OF PREDETERMINED MINIMUM WAGE

(Applicable to all Federal-aid construction contracts exceeding \$2,000 and to all related subcontracts, except for projects located on roadways classified as local roads or rural minor collectors, which are exempt.)

#### 1. General:

a. All mechanics and laborers employed or working upon the site of the work will be paid unconditionally and not less often than once a week and without subsequent deduction or rebate on any account [except such payroll deductions as are permitted by regulations (29 CFR 3) issued by the Secretary of Labor under the Copeland Act (40 U.S.C. 276c)] the full amounts of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment. The payment shall be computed at wage rates not less than those contained in the wage determination of the Secretary of Labor (hereinafter "the wage determination") which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor or its subcontractors and such laborers and mechanics. The wage determination (including any additional classifications and wage rates conformed under paragraph 2 of this Section IV and the DOL poster (WH-1321) or Form FHWA-1495) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers. For the purpose of this Section, contributions made or costs reasonably anticipated for bona fide fringe benefits under Section 1(b)(2) of the Davis-Bacon Act (40 U.S.C. 276a) on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of Section IV, paragraph 3b, hereof. Also, for the purpose of this Section, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs, which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in paragraphs 4 and 5 of this Section IV.

b. Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein, provided, that the employer's payroll records accurately set forth the time spent in each classification in which work is performed.

c. All rulings and interpretations of the Davis-Bacon Act and related acts contained in 29 CFR 1, 3, and 5 are herein incorporated by reference in this contract.

#### 2. Classification:

a. The SHA contracting officer shall require that any class of laborers or mechanics employed under the contract, which is not listed in the wage determination, shall be classified in conformance with the wage determination.

b. The contracting officer shall approve an additional classification, wage rate and fringe benefits only when the following criteria have been met:

(1) the work to be performed by the additional classification requested is not performed by a classification in the wage determination;

(2) the additional classification is utilized in the area by the construction industry;

(3) the proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination; and

(4) with respect to helpers, when such a classification prevails in the area in which the work is performed.

c. If the contractor or subcontractors, as appropriate, the laborers and mechanics (if known) to be employed in the additional classification or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the DOL, Administrator of the Wage and Hour Division, Employment Standards Administration, Washington, D.C. 20210. The Wage and Hour Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

d. In the event the contractor or subcontractors, as appropriate, the laborers or mechanics to be employed in the additional classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the question, including the views of all interested parties and the recommendation of the contracting officer, to the Wage and Hour Administrator for determination. Said Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

e. The wage rate (including fringe benefits where appropriate) determined pursuant to paragraph 2c or 2d of this Section IV shall be paid to all workers performing work in the additional classification from the first day on which work is performed in the classification.

### 3. Payment of Fringe Benefits:

a. Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor or subcontractors, as appropriate, shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly case equivalent thereof.

b. If the contractor or subcontractor, as appropriate, does not make payments to a trustee or other third person, he/she may consider as a part of the wages of any laborer or mechanic the amount of any cost reasonably anticipated in providing bona fide fringe benefits under a plan or program, provided that the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

### 4. Apprentices and Trainees (Programs of the U.S. DOL) and Helpers:

a. Apprentices:

(1) Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the DOL, Employment and Training Administration, Bureau of Apprenticeship and Training, or with a State apprenticeship agency recognized by the Bureau, or if a person is employed in his/her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Bureau of Apprenticeship and Training or a State apprenticeship agency (where appropriate) to be eligible for probationary employment as an apprentice.

(2) The allowable ratio of apprentices to journeyman-level employees on the job site in any craft classification shall not

be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any employee listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate listed in the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor or subcontractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman-level hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

(3) Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeyman-level hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator for the Wage and Hour Division determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

(4) In the event the Bureau of Apprenticeship and Training, or a State apprenticeship agency recognized by the Bureau, withdraws approval of an apprenticeship program, the contractor or subcontractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the comparable work performed by regular employees until an acceptable program is approved.

b. Trainees:

(1) Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the DOL, Employment and Training Administration.

(2) The ratio of trainees to journeyman-level employees on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

(3) Every trainee must be paid at not less than the rate specified in the approved program for his/her level of progress, expressed as a percentage of the journeyman-level hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman-level wage rate on the wage determination which provides for less than full fringe benefits for apprentices, in which cases such trainees shall receive the same fringe benefits as apprentices.

(4) In the event the Employment and Training Administration withdraws approval of a training program, the contractor or subcontractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

**c. Helpers:**

Helpers will be permitted to work on a project if the helper classification is specified and defined on the applicable wage determination or is approved pursuant to the conformance procedure set forth in Section IV. 2. Any worker listed on a payroll at a helper wage rate, who is not a helper under a approved definition, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed.

**5. Apprentices and Trainees (Programs of the U.S. DOT):**

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.

**6. Withholding:**

The SHA shall upon its own action or upon written request of an authorized representative of the DOL withhold, or cause to be withheld, from the contractor or subcontractor under this contract or any other Federal contract with the same prime contractor or any other Federally-assisted contract subject to Davis-Bacon prevailing wage requirements which is held by the same prime contractor, as much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainee's and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the SHA contracting officer may, after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

**7. Overtime Requirements:**

No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers, mechanics, watchmen, or guards (including apprentices, trainees, and helpers described in paragraphs 4 and 5 above) shall require or permit any laborer, mechanic, watchman, or guard in any workweek in which he/she is employed on such work, to work in excess of 40 hours in such workweek unless such laborer, mechanic, watchman, or guard receives compensation at a rate not less than one-and-one-half times his/her basic rate of pay for all hours worked in excess of 40 hours in such workweek.

**8. Violation:**

Liability for Unpaid Wages; Liquidated Damages: In the event of any violation of the clause set forth in paragraph 7 above, the contractor and any subcontractor responsible thereof shall be liable to the affected employee for his/her unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory) for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer, mechanic, watchman, or guard employed in violation of the clause set forth in paragraph 7, in the sum of \$10

for each calendar day on which such employee was required or permitted to work in excess of the standard work week of 40 hours without payment of the overtime wages required by the clause set forth in paragraph 7.

**9. Withholding for Unpaid Wages and Liquidated Damages:**

The SHA shall; upon its own action or upon written request of any authorized representative of the DOL withhold, or cause to be withheld, from any monies payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other Federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph 8 above.

**V. STATEMENTS AND PAYROLLS**

(Applicable to all Federal-aid construction contracts exceeding \$2,000 and to all related subcontracts, except for projects located on roadways classified as local roads or rural collectors, which are exempt.)

**1. Compliance with Copeland Regulations (29 CFR 3):**

The contractor shall comply with the Copeland Regulations of the Secretary of Labor which are herein incorporated by reference.

**2. Payrolls and Payroll Records:**

- a. Payrolls and basic records relating thereto shall be maintained by the contractor and each subcontractor during the course of the work and preserved for a period of 3 years from the date of completion of the contract for all laborers, mechanics, apprentices, trainees, watchmen, helpers, and guards working at the site of the work.
- b. The payroll records shall contain the name, social security number, and address of each such employee; his or her correct classification; hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalent thereof the types described in Section 1(b)(2)(B) of the Davis Bacon Act); daily and weekly number of hours worked; deductions made; and actual wages paid. In addition, for Appalachian contracts, the payroll records shall contain a notation indicating whether the employee does, or does not, normally reside in the labor area as defined in Attachment A, paragraph 1. Whenever the Secretary of Labor, pursuant to Section IV, paragraph 3b, has found that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in Section 1(b)(2)(B) of the Davis Bacon Act, the contractor and each subcontractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, that the plan or program has been communicated in writing to the laborers or mechanics affected, and show the cost anticipated or the actual cost incurred in providing benefits. Contractors or subcontractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprentices and trainees, and ratios and wage rates prescribed in the applicable programs.
- c. Each contractor and subcontractor shall furnish, each week in which any contract work is performed, to the SHA resident engineer a payroll of wages paid each of its employees

(including apprentices trainees, and helpers, described in Section IV, paragraphs 4 and 5, and watchmen and guards engaged on work during the preceding weekly payroll period). The payroll submitted shall set out accurately and completely all of the information required to be maintained under paragraph 2b of this Section V. This information may be submitted in any form desired. Optional Form WH-347 is available for this purpose and may be purchased from the Superintendent of Documents (Federal stock number 029-005-0014-1), U.S. Government Printing Office, Washington, D.C. 20402. The prime contractor is responsible for submitting payroll copies of all subcontractors.

d. Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the Contractor or subcontractor or his/her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(1) that the payroll for the payroll period contains the information required to be maintained under paragraph 2b of this Section V and that such information is correct and complete;

(2) that such laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in the Regulations, 29 CFR 3;

(3) that each laborer or mechanic has been paid not less than the applicable wage rate and fringe benefits or cash equivalent for the classification of worked performed, as specified in the applicable wage determination incorporated into the contract.

e. The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 2d of this Section V.

f. The falsification of any of the above certifications may subject the contractor to civil or criminal prosecution under 18 U.S. C. 1001 and 31 U.S.C. 231.

g. The contractor or subcontractor shall make the records required under paragraph 2b of this Section V available for inspection, copying, or transcription by authorized representatives of the SHA, the FHWA, or the DOL, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the SHA, the FHWA, the DOL, or all may, after written notice to the contractor, sponsor, applicant, or owner, take such actions as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

## VI. RECORD OF MATERIALS, SUPPLIES, AND LABOR

1. On all federal-aid contracts on the national highway system, except those which provide solely for the installation of protective devices at railroad grade crossings, those which are constructed on a force account or direct labor basis, highway beautification contracts, and contracts for which the total final construction cost for roadway and bridge is less than \$1,000,000 (23 CFR 635) the contractor shall:

a. Become familiar with the list of specific materials and supplies contained in Form FHWA-47, "Statement of Materials and Labor Used by Contractor of Highway Construction Involving Federal Funds," prior to the commencement of work under this contract.

b. Maintain a record of the total cost of all materials and supplies purchased for and incorporated in the work, and also of the quantities of those specific materials and supplies listed

on Form FHWA-47, and in the units shown on Form FHWA-47.

c. Furnish, upon the completion of the contract, to the SHA resident engineer on Form FHWA-47 together with the data required in paragraph 1b relative to materials and supplies, a final labor summary of all contract work indicating the total hours worked and the total amount earned.

2. At the prime contractor's option, either a single report covering all contract work or separate reports for the contractor and for each subcontract shall be submitted.

## VII. SUBLETTING OR ASSIGNING THE CONTRACT

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the State. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractors' own organization (23 CFR 635).

a. "Its own organization" shall be construed to include only workers employed and paid directly by the prime contractor and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor, assignee, or agent of the prime contractor.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid on the contract as a whole and in general are to be limited to minor components of the overall contract.

2. The contract amount upon which the requirements set forth in paragraph 1 of Section VII is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. The contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the SHA contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the SHA contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the SHA has assured that each subcontract is evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract.

## VIII. SAFETY: ACCIDENT PREVENTION

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the SHA contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S. C. 333).

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 333).

#### IX. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, the following notice shall be posted on each Federal-aid highway project (23 CFR 635) in one or more places where it is readily available to all persons concerned with the project:

##### NOTICE TO ALL PERSONNEL ENGAGED ON FEDERAL-AID HIGHWAY PROJECTS

18 U.S.C. 1020 reads as follows:

*"Whoever, being an officer, agent or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or*

*Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or*

*Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;*

*Shall be fined not more than \$10,000 or imprisoned not more than 5 years or both."*

#### X. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT

(Applicable to all Federal-aid construction contracts and to all related subcontracts of \$100,000 or more).

By submission of this bid or the execution of this contract, or subcontract, as appropriate, the bidder, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any facility that is or will be utilized in the performance of this contract, unless such contract is exempt under the Clean Air Act, as amended (42 U.S.C. 1857 et seq., as amended by Pub.L. 91-604), and under the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251 et seq., as amended by Pub.L. 92-500), Executive Order 11738, and regulations in implementation thereof (40 CFR 15) is not listed, on the date of contract award, on the U.S. Environmental Protection Agency (EPA) List of Violating Facilities pursuant to 40 CFR 15.20.

2. That the firm agrees to comply and remain in compliance with all the requirements of Section 114 of the Clean Air Act and Section 308 of the Federal Water Pollution Control Act and all regulations and guidelines listed thereunder.

3. That the firm shall promptly notify the SHA of the receipt of any communication from the Director, Office of Federal Activities, EPA indicating that a facility that is or will be utilized for the contract is under consideration to be listed on the EPA List of Violating Facilities.

4. That the firm agrees to include or cause to be included the requirements of paragraph 1 through 4 of this Section X in every nonexempt subcontract, and further agrees to take such action as the government may direct as a means of enforcing such requirements.

#### XI. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

1. Instructions for Certification - Primary Covered Transactions:

(Applicable to all Federal-aid contracts - 49 CFR 29)

- a. By signing and submitting this proposal, the prospective primary participant is providing the certification set out below.
- b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this covered transaction. The prospective participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective primary participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.
- c. The certification in this clause is a material representation of fact upon which reliance was placed when the department or agency determined to enter into this transaction. If it is later determined that the prospective primary participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause of default.
- d. The prospective primary participant shall provide immediate written notice to the department or agency to whom this proposal is submitted if any time the prospective primary participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

e. The terms “covered transaction,” “debarred,” “suspended,” “ineligible,” “lower tier covered transaction,” “participant,” “person,” “primary covered transaction,” “principal,” “proposal,” and “voluntarily excluded,” as used in this clause, have the meanings set out in the Definitions and Coverage sections of rules implementing Executive Order 12549. You may contact the department or agency to which this proposal is submitted for assistance in obtaining a copy of those regulations.

f. The prospective primary participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.

g. The prospective primary participant further agrees by submitting this proposal that it will include the clause titled “Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction,” provided by the department or agency entering into this covered transaction, without modification in all lower tier covered transactions and in all solicitations for lower tier covered transactions.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the nonprocurement portion of the “Lists of Parties Excluded from Federal Procurement or Nonprocurement Programs” (Nonprocurement List) which is compiled by the General Services Administration.

i. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph f of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

\*\*\*\*\*

**Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Primary Covered Transactions**

1. The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:

- a. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
- b. Have not within a 3-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

- c. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph 1b of this certification; and
- d. Have not within a 3-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

2. Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

\*\*\*\*\*

**2. Instructions for Certification - Lower Tier Covered Transactions:**

(Applicable to all subcontracts, purchase orders and other lower tier transactions of \$25,000 or more - 49 CFR 29)

- a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.
- b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.
- c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.
- d. The terms “covered transaction,” “debarred,” “suspended,” “ineligible,” “primary covered transaction,” “participant,” “person,” “principal,” “proposal,” and “voluntarily excluded,” as used in this clause, have the meanings set out in the Definitions and Coverage sections of rules implementing Executive Order 12549. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations.
- e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.
- f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled “Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction,” without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
- g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the Nonprocurement List.
- h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealing.

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

3. The prospective participant also agrees by submitting his or her bid or proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such recipients shall certify and disclose accordingly.

\*\*\*\*\*

**Certification Regarding Debarment, Suspension, Ineligibility And Voluntary Exclusion-Lower Tier Covered Transactions:**

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.

2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

\*\*\*\*\*

**XII. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING**

(Applicable to all Federal-aid construction contracts and to all related subcontracts which exceed \$100,000 - 49 CFR 20)

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

**MINIMUM WAGES FOR FEDERAL AND FEDERALLY  
ASSISTED CONSTRUCTION CONTRACTS**

This project is funded, in part, with Federal-aid funds and, as such, is subject to the provisions of the Davis-Bacon Act of March 3, 1931, as amended (46 Sta. 1494, as amended, 40 U.S.C. 276a) and of other Federal statutes referred to in a 29 CFR Part 1, Appendix A, as well as such additional statutes as may from time to time be enacted containing provisions for the payment of wages determined to be prevailing by the Secretary of Labor in accordance with the Davis-Bacon Act and pursuant to the provisions of 29 CFR Part 1. The prevailing rates and fringe benefits shown in the General Wage Determination Decisions issued by the U.S. Department of Labor shall, in accordance with the provisions of the foregoing statutes, constitute the minimum wages payable on Federal and federally assisted construction projects to laborers and mechanics of the specified classes engaged on contract work of the character and in the localities described therein.

General Wage Determination Decisions, modifications and supersedes decisions thereto are to be used in accordance with the provisions of 29 CFR Parts 1 and 5. Accordingly, the applicable decision, together with any modifications issued, must be made a part of every contract for performance of the described work within the geographic area indicated as required by an applicable DBRA Federal prevailing wage law and 29 CFR Part 5. The wage rates and fringe benefits contained in the General Wage Determination Decision shall be the minimum paid by contractors and subcontractors to laborers and mechanics.

**NOTICE**

The most current **General Wage Determination Decisions** (wage rates) are available on the IDOT web site. They are located on the Letting and Bidding page at <http://www.dot.state.il.us/desenv/delett.html>.

In addition, ten (10) days prior to the letting, the applicable Federal wage rates will be e-mailed to subscribers. It is recommended that all contractors subscribe to the Federal Wage Rates List or the Contractor's Packet through IDOT's subscription service.

PLEASE NOTE: if you have already subscribed to the Contractor's Packet you will automatically receive the Federal Wage Rates.

The instructions for subscribing are at <http://www.dot.state.il.us/desenv/subsc.html>.

If you have any questions concerning the wage rates, please contact IDOT's Chief Contract Official at 217-782-7806.