#### 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 that 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 <a href="http://www.dot.il.gov/desenv/delett.html">http://www.dot.il.gov/desenv/delett.html</a> before submitting final bid information.

#### IDOT IS NOT RESPONSIBLE FOR ANY E-MAIL FAILURES.

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

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

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

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

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

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

#### WHO SHOULD BE CALLED IF ASSISTANCE IS NEEDED?

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

#### ADDENDUMS AND REVISIONS TO THE PROPOSAL FORMS

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

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Proposal Submitted By	
Name	
Address	
City	

# Letting August 1, 2008

## 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



Springfield, Illinois 62764

Contract No. 76C18
MARION County
Section 61-(1,2)I
District 8 Construction Funds
Route FAI 57

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

S

Checked by

Printed by authority of the State of Illinois)

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

#### **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 <u>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).</u>

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



**PROPOSAL** 

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

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

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

Contract No. 76C18
MARION County
Section 61-(1,2)I
Route FAI 57
District 8 Construction Funds

TO THE DEPARTMENT OF TRANSPORTATION

28 miles of pavement patching on Interstate 57 from the Jefferson County Line to the Fayette County Line located in Marion County.

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.

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

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

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

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

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

#### Attach Cashier's Check or Certified Check Here

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

The proposal quarant	ty check will be found in the proposal for:	Item	

Section No.

County

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

-3-

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		Combinatio	Combination Bid			
No.	Sections Included in Combination	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 - 76C18

State Job # - C-98-088-08
PPS NBR - 8-89313-0090
County Name - MARION - -

County Name - MARION
Code - 121 - -

District - 8 - -

Section Number - 61-(1,2)I

Project Number	Route
	FAI 57

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
X4421000	PARTIAL DEPTH PATCH	TON	623.000				
X4422030	PARTIAL DEPTH REM 3	SQ YD	3,704.000				
Z0075310	TIE BARS 3/4	EACH	302.000				
44200573	CL A PATCH T1 12	SQ YD	52.000				
44200577	CL A PATCH T2 12	SQ YD	396.000				
44200581	CL A PATCH T3 12	SQ YD	202.000				
44200583	CL A PATCH T4 12	SQ YD	563.000				
44213000	PATCH REINFORCEMENT	SQ YD	1,213.000				
44213200	SAW CUTS	FOOT	3,808.000				
67000200	ENGR FIELD OFFICE A	EACH	3.000				
67100100	MOBILIZATION	L SUM	1.000				
70100420	TRAF CONT-PROT 701411	EACH	10.000				
70100800	TRAF CONT-PROT 701401	L SUM	1.000				
70101805		EACH	10.000				

#### **ILLINOIS DEPARTMENT OF TRANSPORTATION SCHEDULE OF PRICES** CONTRACT 76C18

**NUMBER -**

C-98-088-08 State Job # -

PPS NBR -8-89313-0090 **Project Number** Route

FAI 57 County Name -MARION--

Code -121 - -

District -8 - -

Section Number -61-(1,2)1

ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price

CONTRACT NUMBER	76C18	
THIS IS THE TOTAL BID		\$

#### NOTES:

- 1. Each PAY ITEM should have a UNIT PRICE and a TOTAL PRICE.
- 2. The UNIT PRICE shall govern if no TOTAL PRICE is shown or if there is a discrepancy between the product of the UNIT PRICE multiplied by the QUANTITY.
- 3. If a UNIT PRICE is omitted, the TOTAL PRICE will be divided by the QUANTITY in order to establish a UNIT PRICE.
- 4. A bid may be declared UNACCEPTABLE if neither a unit price nor a total price is shown.

# 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 \$171,000.00. Sixty percent of the salary is \$102,600.00.

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.

#### 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.

(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. <u>Drug Free Workplace</u>

- 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.

#### 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 provides:

Section 50-60(c).

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.

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.

#### 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, offeror, or proposing entity, or any of its corporate parents or subsidiaries, within the 24 months before submission of the bid, offer, or proposal had business operations that involved contracts with or provision of supplies or services to the Government of Iran, companies in which the Government of Iran has any direct or indirect equity share, consortiums or projects commissioned by the Government of Iran 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.

having done business in that will be provided to the State Compitioner.
Check the appropriate statement:
// Company has no business operations in Iran to disclose.
// Company has business operations in Iran as disclosed the attached document.

#### 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. <u>Disclosure Forms</u>. 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. <u>Disclosure Form Instructions</u>

#### 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 \$102,600.00 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 \$102,600.00? YES NO
	(Note: Only one set of forms needs to be completed <u>per person per bid</u> even if a specific individual would require a yes answer to more than one question.)
bidding authoriz	answer to any of these questions requires the completion of Form A. The bidder must determine each individual in the bidding entity or the 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 ed to execute contracts for your organization. <b>Photocopied or stamped signatures are not acceptable</b> . The person signing can be, but thave to be, the person for which the form is being completed. The bidder is responsible for the accuracy of any information provided.
	swer to each of the above questions is "NO", then the <u>NOT APPLICABLE STATEMENT</u> on page 2 of Form A must be signed and dated by a that is authorized to execute contracts for your company.
bidding	Eldentifying Other Contracts & Procurement Related Information Disclosure Form B must be completed for each bid submitted by the entity. Note: Checking the NOT APPLICABLE STATEMENT on Form A does not allow the bidder to ignore Form B. Form B must be ed, checked, and dated or the bidder may be considered nonresponsive and the bid will not be accepted.
ongoing	der shall identify, by checking Yes or No on Form B, whether it has any pending contracts (including leases), bids, proposals, or other procurement relationship with any other (non-IDOT) State of Illinois agency. If "No" is checked, the bidder only needs to complete the ox on the bottom of Form B. If "Yes" is checked, the bidder must do one of the following:
agency attached and are	: 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 pending contracts, leases, bids, proposals, and other ongoing procurement relationships. These items may be listed on Form B or on an disheet(s). Do not include IDOT contracts. Contracts with cities, counties, villages, etc. are not considered State of Illinois agency contracts not to be included. Contracts with other State of Illinois agencies such as the Department of Natural Resources or the Capital Development bust be included. Bidders who submit Affidavits of Availability are suggested to use Option II.
"See Afragency	I: 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 idavit of Availability" which indicates that the Affidavit of Availability is incorporated by reference and includes all non-IDOT State of Illinois pending contracts, leases, bids, proposals, and other ongoing procurement relationships. For any contracts that are not covered by the of Availability, the bidder must identify them on Form B or on an attached sheet(s). These might be such things as leases.
Bidders	Submitting More Than One Bid
	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. ndicate in the space provided below the bid item that contains the original disclosure forms and the bid items which incorporate the forms ence.
	he bid submitted for letting item contains the Form A disclosures or Certification Statement and the Form B isclosures. The following letting items incorporate the said forms by reference:

# 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)
(30 ILCS 500). Vendors desiring to cand potential conflict of interest informed the publicly available contract file. Ended contracts. A publicly tradestatisfaction of the requirements see	enter into a contract with the mation as specified in this D This Form A must be comped company may submit	e State of Illino Disclosure Forr Dieted for bids a 10K disclo Sclosure Form	
terms of ownership or distributive in	come share in excess of 5% s salary as of 7/1/07). (Make ach individual meeting the	%, or an interes e copies of th	is form as necessary and attach a
NAME: ADDRESS			
Type of ownership/distributa	ble income share:		
stock sole propi		nership	other: (explain on separate sheet):
2. Disclosure of Potential Conflict potential conflict of interest relations and describe.			licate which, if any, of the following is "Yes", please attach additional pag
(a) State employment, current	y or in the previous 3 years,	including conf	tractual employment of services.  YesNo
If your answer is yes, pleas	e answer each of the followi	ng questions.	
Are you currently a     Highway Authority?		er the Capitol	Development Board or the Illinois Toll YesNo
currently appointed	to or employed by any ager	ncy of the Stat	of the State of Illinois? If you are e of Illinois, and your annual salary 7/1/07) provide the name the State

agency for which you are employed and your annual salary.

	3.	If you are currently appointed to or employed by any agency of the S salary exceeds \$102,600.00, (60% of the Governor's salary as of 7/(i) more than 7 1/2% of the total distributable income of your firm, corporation, or (ii) an amount in excess of the salary of the Governor	(1/07) are you entitled to receive partnership, association or
	4.	If you are currently appointed to or employed by any agency of the S salary exceeds \$102,600.00, (60% of the Governor's salary as of 7/0 or minor children entitled to receive (i) more than 15 % in the aggreincome of your firm, partnership, association or corporation, or (ii) are the salary of the Governor?	(1/07) are you and your spouse egate of the total distributable
(b)	•	byment of spouse, father, mother, son, or daughter, including contractions 2 years.	ctual employment services
	If your ans	wer is yes, please answer each of the following questions.	YesNo
	1.	Is your spouse or any minor children currently an officer or employee Board or the Illinois Toll Highway Authority?	e of the Capitol Development YesNo
	2.	Is your spouse or any minor children currently appointed to or employ of Illinois? If your spouse or minor children is/are currently appagency of the State of Illinois, and his/her annual salary exceed Governor's salary as of 7/1/07) provide the name of your spouse at of the State agency for which he/she is employed and his/her annual	pointed to or employed by any ds \$102,600.00, (60 % of the nd/or minor children, the name
	3.	If your spouse or any minor children is/are currently appointed to or State of Illinois, and his/her annual salary exceeds \$102,600.00, (60 as of 7/1/07) are you entitled to receive (i) more then 71/2% of the to firm, partnership, association or corporation, or (ii) an amount in Governor?	% of the salary of the Governor tal distributable income of your
	4.	If your spouse or any minor children are currently appointed to or er State of Illinois, and his/her annual salary exceeds \$102,600.00, (60° 7/1/07) are you and your spouse or minor children entitled to rece aggregate of the total distributable income of your firm, partnership, (ii) an amount in excess of 2 times the salary of the Governor?	% of the Governor's salary as of eive (i) more than 15 % in the association or corporation, or
			YesNo
	unit of	re status; the holding of elective office of the State of Illinois, the gover local government authorized by the Constitution of the State of Illinois currently or in the previous 3 years.	
		onship to anyone holding elective office currently or in the previous 2 y daughter.	years; spouse, father, mother, YesNo
	Americ of the	ntive office; the holding of any appointive government office of the States, or any unit of local government authorized by the Constitution of the State of Illinois, which office entitles the holder to compensation in excharge of that office currently or in the previous 3 years.	ne State of Illinois or the statutes
	` '	nship to anyone holding appointive office currently or in the previous 2 daughter.	2 years; spouse, father, mother, YesNo
	(g) Emplo	yment, currently or in the previous 3 years, as or by any registered lob	obyist of the State government. YesNo

son, or daughter.	No
(i) Compensated employment, currently or in the previous 3 years, by any registere committee registered with the Secretary of State or any county clerk of the State of action committee registered with either the Secretary of State or the Federal Board Yes	of Illinois, or any political
(j) Relationship to anyone; spouse, father, mother, son, or daughter; who was a complast 2 years by any registered election or re-election committee registered with the county clerk of the State of Illinois, or any political action committee registered with State or the Federal Board of Elections.	Secretary of State or any
Yes	No
APPLICABLE STATEMENT	
This Disclosure Form A is submitted on behalf of the INDIVIDUAL named on pre	evious page.
Completed by:	
Signature of Individual or Authorized Representative	Date
NOT APPLICABLE STATEMENT	
I have determined that no individuals associated with this organization meet the require the completion of this Form A.	e criteria that would
This Disclosure Form A is submitted on behalf of the CONTRACTOR listed on the	ne previous page.
Signature of Authorized Representative	Date

# ILLINOIS DEPARTMENT OF TRANSPORTATION

# Form B Other Contracts & Procurement Related Information Disclosure

Contrac	tor Name		
Legal A	ddress		
City, Sta	ate, Zip		
_			
Telepho	ne Number	Email Address	Fax Number (if available)
ILCS 50		art of the publicly available contract	50-35 of the Illinois Procurement Act (30 file. This Form B must be completed for
	DISCLOSURE OF OTHER CO	NTRACTS AND PROCUREMENT	RELATED INFORMATION
pendin of Illing		proposals, or other ongoing procure	BIDDER shall identify whether it has any ement relationship with any other State be bottom of this page.
descrip	Yes" is checked. Identify each such on the information such as bid or proje INSTRUCTIONS:		
	THE FOLL	OWING STATEMENT MUST BE C	HECKED
	П		
	Ш	Signature of Authorized Representative	Date
		-	

#### **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.



Contract No. 76C18
MARION County
Section 61-(1,2)I
Route FAI 57
District 8 Construction Funds

PART I. IDENTIFIC	CATION																
Dept. Human Right	s#						_ Dur	ation o	f Proje	ect:							
Name of Bidder: _																	
PART II. WORKFO A. The undersigned which this contract wo projection including a	d bidder ha	as analyz e perform	ed mir ed, an	d for th d fema	ne locati	ions fro	m whic	h the b	idder re	cruits	employe	es, and her	reby subm be alloca	its the foll ted to this TABLE	owin con B	g workfo tract:	rce
		TOTA	AL Wo	rkforce	Projec	tion for	Contra	ict	-				(	CURRENT TO BE		IPLOYEE	S
				MIN	ORITY I	EMPLC	YEES			TR	AINEES			TO CO	TNC	RACT	
JOB CATEGORIES	_	TAL OYEES	BL	ACK	HISP	ANIC	_	HER IOR.	APPI TIC		-	HE JOB INEES		OTAL LOYEES		MINC EMPLO	
	М	F	М	F	М	F	M	F	М	F	М	F	M	F		М	F
OFFICIALS (MANAGERS)																	
SUPERVISORS																	
FOREMEN																	
CLERICAL																	
EQUIPMENT OPERATORS																	
MECHANICS																	
TRUCK DRIVERS																	
IRONWORKERS																	
CARPENTERS																	
CEMENT MASONS																	
ELECTRICIANS																	
PIPEFITTERS, PLUMBERS																	
PAINTERS																	
LABORERS, SEMI-SKILLED																	
LABORERS, UNSKILLED																	
TOTAL																	
		BLE C							_	Γ		FOR D		MENT US		NII V	
	TOTAL Tra		ojectio	n for C	ontract				_			FUR D	'CLAK II	vi⊏ivi US	) = (	/INL Ĭ	
EMPLOYEES IN	_	TAL OYEES	BLA	ACK	HISP	PANIC		THER NOR.									
TRAINING	М	F	М	F	М	F	М	F									
APPRENTICES																	

\* Other minorities are defined as Asians (A) or Native Americans (N).

ON THE JOB TRAINEES

Please specify race of each employee shown in Other Minorities column.

BC 1256 (Rev. 12/11/07)

Note: See instructions on page 2

Contract No. 76C18
MARION County
Section 61-(1,2)I
Route FAI 57
District 8 Construction Funds

#### PART II. WORKFORCE PROJECTION - continued

B.		led in "Total Employees" under Table A is the total number of <b>ne</b> the undersigned bidder is awarded this contract.	w hires that wo	ould be employed in the
	The u	ndersigned bidder projects that: (number)		new hires would
	be red	cruited from the area in which the contract project is located; and	or (number)	
	office	new hires would be recruited for base of operation is located.	rom the area in	which the bidder's principal
	onice	or base of operation is located.		
C.		led in "Total Employees" under Table A is a projection of number signed bidder as well as a projection of numbers of persons to be		
	The u	ndersigned bidder estimates that (number)		persons will
	be dir	ectly employed by the prime contractor and that (number)  byed by subcontractors.		persons will be
PART	III. AFF	FIRMATIVE ACTION PLAN		
A.	utiliza in any comm (geare utiliza	ndersigned bidder understands and agrees that in the event the tion projection included under <b>PART II</b> is determined to be an una job category, and in the event that the undersigned bidder is awarencement of work, develop and submit a written Affirmative Actived to the completion stages of the contract) whereby deficiencies tion are corrected. Such Affirmative Action Plan will be subject to epartment of Human Rights.	derutilization o varded this cont on Plan includit in minority and	of minority persons or women tract, he/she will, prior to ng a specific timetable d/or female employee
B.	subm	ndersigned bidder understands and agrees that the minority and itted herein, and the goals and timetable included under an Affirn part of the contract specifications.		
Comp	any	·	one Number _	
Addre	 ess			
		NOTICE REGARDING SIGNATUR	?F	
		der's signature on the Proposal Signature Sheet will constitute the sign of be completed if revisions are required.		The following signature block
	Signatu	re: Title:		Date:
Instruc	tions:	All tables must include subcontractor personnel in addition to prime contractor personnel in addition to personnel in the per	personnel.	
Table /	<b>4</b> -	Include both the number of employees that would be hired to perform the co (Table B) that will be allocated to contract work, and include all apprentices are should include all employees including all minorities, apprentices and on-the-join	nd on-the-job train	ees. The "Total Employees" column
Table I	3 -	Include all employees currently employed that will be allocated to the contract currently employed.	work including any	apprentices and on-the-job trainees
Table (	C -	Indicate the racial breakdown of the total apprentices and on-the-job trainees sl	hown in Table A.	

BC-1256 (Rev. 12/11/07)

Contract No. 76C18
MARION County
Section 61-(1,2)I
Route FAI 57
District 8 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.

	Firm Name	
(IF AN INDIVIDUAL)		
	Firm Name	
(IF A CO-PARTNERSHIP)		
,		
		Name and Address of All Members of the Firm:
_		
<del>-</del>		
	Corporate Name	
	ву	Signature of Authorized Representative
		Typed or printed name and title of Authorized Representative
(IF A CORPORATION)		
(IF A JOINT VENTURE, USE THIS SECTION	Attest	Signature
FOR THE MANAGING PARTY AND THE SECOND PARTY SHOULD SIGN BELOW)		Signature
observation of sold sign below,	Ducilious / ludious	
	Corporate Name	
	Ву	
		Signature of Authorized Representative
		Typed or printed name and title of Authorized Representative
(IF A JOINT VENTURE)	Δttest	
	Autost	Signature
	Business Address	
If more than two parties are in the joint venture	e nlease attach an ac	Iditional signature sheet

#### **Return with Bid**



## Division of Highways Proposal Bid Bond

(Effective November 1, 1992)

Eletting Date	
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PRINCIPAL  (Company Name)  (Company Name)  By:  (Signature & Title)  Notary Certification for Principal and Surety STATE OF ILLINOIS, County of  I,  (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 instrumen and SURETY, appeared before me this day in person and acknowledged respectively, that they signed and delivered sa and voluntary act for the uses and purposes therein set forth.	by
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Given under my hand and notarial seal this day of	t on behalf of PRINCIPAL id instrument as their free
and in the initial and notation and notation and initial and initi	A.D
My commission expires	
Notary Pul	
In lieu of completing the above section of the Proposal Bid Form, the Principal may file an Electronic Bid Bond. By marking the check box next to the Signature and Title line below, the Principal is ensuring the identified electronic bid and the Principal and Surety are firmly bound unto the State of Illinois under the conditions of the bid bond as shown about the State of Illinois under the conditions of the bid bond as shown about the State of Illinois under the conditions of the bid bond as shown about the State of Illinois under the conditions of the bid bond as shown about the State of Illinois under the conditions of the bid bond as shown about the State of Illinois under the conditions of the bid bond as shown about the State of Illinois under the conditions of the bid bond as shown about the State of Illinois under the conditions of the bid bond as shown about the State of Illinois under the conditions of the bid bond as shown about the State of Illinois under the conditions of the bid bond as shown about the State of Illinois under the conditions of the bid bond as shown about the State of Illinois under the conditions of the bid bond as shown about the State of Illinois under the conditions of the bid bond as shown about the State of Illinois under the conditions of the bid bond as shown about the State of Illinois under the conditions of the bid bond as shown about the State of Illinois under the state of Illinois under the conditions of the bid bond as shown about the state of Illinois under the state of	bond has been executed
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. 76C18
MARION County
Section 61-(1,2)I
Route FAI 57
District 8 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., August 1, 2008. 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. 76C18
MARION County
Section 61-(1,2)I
Route FAI 57
District 8 Construction Funds

28 miles of pavement patching on Interstate 57 from the Jefferson County Line to the Fayette County Line located in Marion County.

- 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

Milton R. Sees, Secretary

BD 351 (Rev. 01/2003)

# INDEX FOR SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS

#### Adopted January 1, 2008

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 1-1-08)

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### **RECURRING SPECIAL PROVISIONS**

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

CHE	ECK S	SHEET #	<u>AGE NO.</u>
1		Additional State Requirements For Federal-Aid Construction Contracts	
		(Eff. 2-1-69) (Rev. 1-1-07)	
2		Subletting of Contracts (Federal-Aid Contracts) (Eff. 1-1-88) (Rev. 5-1-93)	
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4	Χ	Specific Equal Employment Opportunity Responsibilities	
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6		Reserved	54
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		In-Stream Work Pads (Eff. 1-2-92) (Rev. 1-1-98)	56
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10		Construction Layout Stakes (Eff. 5-1-93) (Rev. 1-1-07)	60
11		Use of Geotextile Fabric for Railroad Crossing (Eff. 1-1-95) (Rev. 1-1-07)	
12		Subsealing of Concrete Pavements (Eff. 11-1-84) (Rev. 1-1-07)	
13		Hot-Mix Asphalt Surface Removal (Cold Milling) (Eff. 11-1-87) (Rev. 1-1-07)	
14		Pavement and Shoulder Resurfacing (Eff. 2-1-00) (Rev. 1-1-07)	
15		PCC Partial Depth Hot-Mix Asphalt Patching (Eff. 1-1-98) (Rev. 1-1-07)	
16		Patching with Hot-Mix Asphalt Overlay Removal (Eff. 10-1-95) (Rev. 1-1-07)	
17		Polymer Concrete (Eff. 8-1-95) (Rev. 1-1-08)	
18		PVC Pipeliner (Eff. 4-1-04) (Rev. 1-1-07)	
19		Pipe Underdrains (Eff. 9-9-87) (Rev. 1-1-07)	
20		Guardrail and Barrier Wall Delineation (Eff. 12-15-93) (Rev. 1-1-97)	
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24		Work Zone Public Information Signs (Eff. 9-1-02) (Rev. 1-1-07)	
25		Night Time Inspection of Roadway Lighting (Eff. 5-1-96)	
26		English Substitution of Metric Bolts (Eff. 7-1-96)	
27		English Substitution of Metric Reinforcement Bars (Eff. 4-1-96) (Rev. 1-1-03)	
28	Χ	Calcium Chloride Accelerator for Portland Cement Concrete (Eff. 1-1-01)	93
29		Quality Control of Concrete Mixtures at the Plant-Single A	
		(Eff. 8-1-00) (Rev. 1-1-04)	94
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## STATE OF ILLINOIS

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#### SPECIAL PROVISIONS

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction," adopted January 1, 2007, the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways," and the "Manual of Test Procedures for Materials" in effect on the date of invitation for bids, and the Supplemental Specifications and Recurring Special Provisions indicated on the Check Sheet included herein which apply to and govern the construction of FAI Route 57; Section 61-(1, 2)I; Marion County; Contract No. 76C18 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**

FAI 57 from Jefferson Co. line to Fayette Co. line.

#### **DESCRIPTION OF PROJECT**

This project consists of Class A pavement patching. Items of work include: Class A patches, patching reinforcement, saw cuts, tie bars, partial depth patching, partial depth removal, traffic control and other work necessary to complete the project.

#### MONTHLY LABOR SUMMARY AND ACTIVITY REPORTING SYSTEM

Effective: 1-1-1995 Revised June 2001

I. Monthly Labor Summary Report, Form SBE 148

The <u>prime contractor and each first and second tier sub-contractor</u>, (hereinafter referred to as "subcontractor") shall submit a certified Monthly Labor Summary Report directly to the District Engineer.

This report is in lieu of submittal of the Monthly Workforce Analysis Report, Form SBE 956.

This report must be received in District Eight no later than the tenth day of the next month.

This Report shall be submitted by the prime contractor and each subcontractor, for each consecutive month, from the start, to the completion of their work on the contract.

The data source for this Report will be a summation of all personnel and hours worked on each subject contract for the month based on weekly payrolls for that month.

The Monthly Labor Summary Report is required to be submitted in one of the following formats:

- a.) For contractors having IDOT contracts valued in the aggregate at \$250,000 or less, the report may be typed or clearly handwritten using Form SBE 148 for submittal to the District Engineer for District Eight.
- b.) For contractors having IDOT contracts valued in the aggregate at more than \$250,000, the report must be submitted in a specific "Fixed Length Comma Delimited ASCII Text File Format". The subject file format is detailed on the next page. Submittal of this file may be by 3.5 inch disk, modem, or by e-mail.
- II. Monthly Contract Activity Report, Form SBE 248

The prime contractor and each subcontractor shall submit a monthly report directly to the District Engineer reflecting their contract activity on all Illinois Department of Transportation contracts they have in force in District Eight.

This report shall be submitted for each consecutive month, from the start, to the completion of all contracts in District Eight.

The report must be received in the District Office no later than the tenth day of the next month.

Monthly Labor Summary and Activity Reporting System Codes and Formats

Indicated below for your reference are the Employee Codes and File Formats required for this system.

I.) Monthly Labor Summary Report, Form SBE 148

The following employee codes are to be used to identify each individual on the Summary Report:

- 1. Gender: M Male F Female
- Ethnic Group: 1 White 2 Black 3 Hispanic
   4 American Indian/Alaskan Native 5 Asian/Pacific Islander
- 3. Work Classification: OF Official SU Supervisor FO Foremen CL Clerical CA Carpenter EO Operator ME Mechanic TD Truck Driver IW Ironworker PA Painter OT Other EL Electrician PP Pipefitter TE Technical LA Laborer CM Cement Mason
- 4. Employee Status: O Owner Operator J Journeyman
   C Company A Apprentice T Trainee

Specific "Fixed Length Comma Delimited ASCII File Format"

Order	Field Name	Type	<u>Size</u>
1	Contractor Number	Α	4
2	Contractor Reference Number	Α	6
3	Contract Number	Α	5
4	Period (07/28/2000)	D	10
5	SSN (111-11-1111)	Α	11
6	Name	Α	40
7	Gender	Α	1
8	Ethnic Group	Α	1
9	Work Classification	Α	1
10	Employee Status	Α	1
11	Total Hours (0000060.00)	N	10

File Name Conventions: (Contractor Number + Report Month/Year).Txt i.e. 20001298.Txt

### II.) Monthly Contract Activity Report, Form SBE 248

The following activity codes are to be used to identify the contractor's contract status each month on the Monthly Activity Report, Form SBE 248:

A. Contract Status: 1 - Not Started 2 - Active 3 - No Work 4 - Suspended 5 - Complete

Failure to comply with this special provision may result in the withholding of payments to the contractor, and/or cancellation, termination, or suspension of the contract in whole or part.

Compliance with this Special Provision shall be considered incidental to the cost of the contract and no additional compensation will be allowed for any costs incurred.

All prime and subcontractors having contracts in the aggregate exceeding \$250,000 must provide a "Fixed Length Comma Delimited ASCII File" for approval prior to the start of construction.

This Special Provision must be included in each subcontract agreement.

The Department of Transportation is requesting disclosure of information necessary to accomplish the statutory purpose as outlined under 23CFR part 230 and 41CFR part 60.4 and the Illinois Human Rights Act. Disclosure of this information is REQUIRED. Failure to comply with this special provision may result in the withholding of payments to the contractor, and/or cancellation, termination, or suspension of the contract in whole or part.

Compliance with this Special Provision shall be considered incidental to the cost of the contract and no additional compensation will be allowed for any costs incurred.

This Special Provision must be included in each subcontract agreement.

### **OFFICE COPY MACHINE**

Effective: January 1, 1987 Revised: November 1, 2006

The copier specified in Article 670.02 shall meet the following specifications:

Edge-to-edge copying.

- (2) Up to 11 in x 17 in (275 mm x 425 mm) size for copy-size capabilities.
- (3) A detachable platen cover in order to copy portions of large-bound documents.
- (4) A cabinet stand for the copier.

#### TELEPHONE ANSWERING MACHINE

Effective: January 11, 1990 Revised: November 1, 2006

The telephone answering machine specified in Article 670.02 shall meet the following minimum specifications:

- (1) Time/Day Indication A computerized voice records the date and time that each message is received.
- (2) Beeperless Remote Any remote touch-tone phone can be used to review all messages by the use of an access code.
- (3) Digital System Pre-recorded and received messages are managed on separate cassettes.
- (4) Conversation Record The operator can record any phone call.
- (5) Remote Turn-On Any remote touch-tone phone can be used to turn on the answering machine by the use of an access code.
- (6) Full Message The Caller is advised if the memory is insufficient to record the call.
- (7) Battery Back-Up The settings and messages are protected from power failures.
- (8) Two-Line Capacity Projects that have a second phone line through the provision of a 670.05 Engineer's Field Laboratory shall provide a single phone answering machine that services both lines.

Prior to the purchase of this item, the Contractor shall submit specifications for the proposed machine to the Engineer for his approval.

#### PARTIAL DEPTH PATCHING

<u>Description.</u> This work shall consist of partial depth removal of the existing HMA overlay, and replacement with HMA at the locations shown on the plans, or as directed by the Engineer.

<u>Materials.</u> The bituminous prime coat shall be according to Section 406 of the Standard Specifications. The mixture for the HMA for partial depth patches shall be according to the mix requirements as shown in the plans.

Equipment. The machine used for milling shall be a self-propelled milling machine capable of milling to the specified depth without damaging the adjacent pavement that is to remain in place. A wheel saw according to Article 442.03 (e) of the Standard Specifications may also be used for partial depth pavement removal. When required, the concrete saw shall be according to Article 442.03 (d) of the Standard Specifications, except it shall be equipped with a blade of sufficient diameter to saw the pavement to the thickness required in the plans. Rollers used to compact the bituminous concrete mixture shall be according to Article 442.03 of the Standard Specifications. Cleaning equipment shall be a mechanical sweeper according to Article 1101.03 of the Standard Specifications or air equipment capable of applying compressed air, at a minimum 690 kPa (100 psi), and shall have sufficient flow rate to remove all disturbed pavement debris. Air equipment shall meet the requirements of ASTM D 4285.

#### CONSTRUCTION REQUIREMENTS

<u>General</u>. Disposal of waste materials shall be according to Article 202.03 of the Standard Specifications.

Partial depth removal of the pavement shall be accomplished by the use of a milling machine and/or the wheel saw. The minimum patch dimension shall be 24 inch x 24 inch. Debris from the milling or wheel saw operation shall be removed from the patch area by air equipment or mechanical sweeper and shall remove all disturbed pavement debris and any loose and/or unsound bituminous concrete.

When the Engineer determines the exposed pavement will be suitable for a partial depth patch, a bituminous prime coat shall be applied according to Article 406.05(b) of the Standard Specifications.

The prepared patch shall be filled with HMA with a maximum lift thickness of 3 inches. Where more than one lift is needed, the top lift shall be a minimum of 2 inches thick. At the option of the Contractor, the 2 inch top layer may be constructed using bituminous concrete surface course. The HMA shall be compacted to the satisfaction of the Engineer.

Patches opened to traffic which are high or become rough by rutting, shoving, or heaving shall be corrected by trimming off high areas and/or filling depressions. Filled areas shall be rolled again. Trimming high patches or filling in depressions on rough patches shall be at the Contractor's expense.

FAI Route 57 (I-57) Section 61-(1, 2)I Marion County Contract 76C18

When the Engineer determines the exposed pavement will not be suitable for a partial depth patch, or removal is one half or more of the pavement thickness, the Contractor shall remove the remaining portion of the pavement and place a full depth patch according to Section 442 of the Standard Specifications for the Class of full depth patches included in the contract.

<u>Method of Measurement.</u> Partial depth removal of the HMA overlay will be measured for payment in place and the area computed in square yards.

HMA for partial depth patching of pavement will be measured for payment in tons according to Article 406.13 of the Standard Specifications.

<u>Basis of Payment.</u> Partial depth removal of the pavement will be paid for at the contract unit price per square yard for PARTIAL DEPTH REMOVAL, of the thickness specified.

Partial depth patching will be paid for at the contract unit price per ton for PARTIAL DEPTH PATCHING.

When the Engineer determines to convert any partial depth patch to a full depth patch after the partial depth removal of the bituminous has begun, the partial depth removal shall be paid for at the contract unit price for PARTIAL DEPTH REMOVAL. The removal for the full depth patch will be considered as included in the appropriate full depth patching pay item.

# TRAFFIC CONTROL AND PROTECTION (SPECIAL)

This item shall be performed in accordance with the applicable portions of Section 701 of the Standard Specifications, as shown on the plans, and as directed by the Engineer.

This item will be paid for at the contract unit price each for TRAFFIC CONTROL AND PROTECTION SPECIAL.

#### TRAFFIC CONTROL PLAN

Effective: July 12, 1993 Revised: May 12, 1997

Traffic control shall be in accordance with the applicable sections of the "Standard Specifications for Road and Bridge Construction", the applicable guidelines contained in the "National Manual on Uniform Traffic Control Devices for Streets and Highways", Illinois Supplement to the National Manual of 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:

701400 701401 701411 701901

In addition, the following Special Provision(s) will also govern traffic control for this project:

Reflective Sheeting on Channelizing Devices Construction and Maintenance Sign Supports Traffic Control and Protection (Special)

#### CONSTRUCTION AND MAINTENANCE SIGN SUPPORTS

Effective: April 21, 1981 Revised: November 1, 2006

This work shall be done according to Section 1106 of the Standard Specifications and Highway Standard 702001 except as herein modified.

All construction signs mounted on permanent support for use in temporary traffic control having an area of 10 square feet (1 square meter) or more shall be mounted on two 4 in x 4 in (100 mm x 100 mm) or two 4 in x 6 in (100 mm x 150 mm) wood posts.

Type A metal post (two for each sign) conforming to Article 1006.29 of the Standard Specifications may be used in lieu of wood posts. Type A metal posts used for these signs may be unfinished.

This work shall not be paid for separately; but shall be considered included in the cost of the traffic control items in this contract.

#### STATUS OF UTILITIES TO BE ADJUSTED

### NO UTILITIES TO BE ADJUSTED

The above represents the best information of the Department and is only included for the convenience of the bidder. The applicable provisions of Sections 102, 103, and Articles 105.07 and 107.20 of the Standard Specifications for Road and Bridge Construction shall apply.

If any utility adjustment or removal has not been completed when required by the Contractor's operation, the Contractor should notify the Engineer in writing. A request for an extension of time will be considered to the extent the Contractor's operations were affected.

# **CEMENT (BDE)**

Effective: January 1, 2007 Revised: November 1, 2007

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".

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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 and the total of all inorganic processing additions shall be a maximum of 4.0 percent by weight (mass) of the cement. 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 and Class C fly ash according to the chemical requirements of AASHTO M 295.

(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 or I(PM) 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. All other cements referenced in ASTM C 595 may be used when approved by the Engineer.

For cast-in-place construction, portland-pozzolan cements 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 not be used.

(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 I(SM) slag-modified portland cement may be used for cast-in-place, precast, and precast prestressed concrete, except when Class PP concrete is used. All other cements referenced in ASTM C 595 may be used when approved by the Engineer.

For cast-in-place construction, portland blast-furnace slag cements 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 not be used.

- (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, 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 Illinois Modified AASHTO T 161, Procedure B. At 100 cycles, the specimens are measured and weighed at 73 °F (23 °C).
- (e) Calcium Aluminate Cement. Calcium aluminate cement shall be used when 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<sub>2</sub>O<sub>3</sub>), maximum 42 percent calcium oxide (CaO), maximum 1 percent magnesium oxide (MgO), maximum 0.4 percent sulfur trioxide (SO<sub>3</sub>), 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."

## DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION (BDE)

Effective: September 1, 2000 Revised: January 1, 2007

<u>FEDERAL OBLIGATION</u>. 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 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.

<u>CONTRACTOR ASSURANCE</u>. 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 firms 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 2.0% of the work. This percentage is set as the DBE participation goal for this contract. Consequently, in addition to the other award criteria established for this contract, the Department will 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.

<u>DBE LOCATOR REFERENCES</u>. Bidders may consult the DBE Directory as a reference source for DBE companies certified by the Department. 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.

<u>BIDDING PROCEDURES</u>. 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 firms and non-DBE firms, 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.

<u>CALCULATING DBE PARTICIPATION</u>. 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 firm 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 firm 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 contact. 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

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shall contact the Bureau and provide a full accounting of the efforts undertaken to obtain substitute DBE participation. The Bureau 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 therefor 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 Report on Department form SBE 2115 to the Regional Engineer. If full and final payment has not been made to the DBE, the Report 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."

# **ENGINEER'S FIELD OFFICE TYPE A (BDE)**

Effective: April 1, 2007 Revised: August 1, 2008

Revise Article 670.02 of the Standard Specifications to read:

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

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

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

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

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

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

- (a) Four desks with minimum working surface 42 x 30 in. (1.1 m x 750 mm) each and five non-folding chairs with upholstered seats and backs.
- (b) One desk with minimum working surface 48 x 72 in. (1.2 x 1.8 m) with height adjustment of 23 to 30 in. (585 to 750 mm).
- (c) One four-post drafting table with minimum top size of 37 1/2 x 48 in. (950 mm x 1.2 m). The top shall be basswood or equivalent and capable of being tilted through an angle of 50 degrees. An adjustable height drafting stool with upholstered seat and back shall also be provided.
- (d) Two free standing four drawer legal size file cabinet with lock and an underwriters' laboratories insulated file device 350 degrees one hour rating.
- (e) One 6 ft (1.8 m) folding table with six folding chairs.
- (f) One equipment cabinet of minimum inside dimension of 44 in. (1100 mm) high x 24 in. (600 mm) wide x 30 in. (750 mm) deep with lock. The walls shall be of steel with a 3/32 in. (2 mm) minimum thickness with concealed hinges and enclosed lock

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constructed in such a manner as to prevent entry by force. The cabinet assembly shall be permanently attached to a structural element of the field office in a manner to prevent theft of the entire cabinet.

- (g) One refrigerator with a minimum size of 16 cu ft (0.45 cu m) with a freezer unit.
- (h) One electric desk type tape printing calculator.
- (i) A minimum of two communication paths. The configuration shall include:
  - (1) Internet Connection. An internet service connection using telephone DSL, cable broadband, or CDMA wireless technology. Additionally, an 802.11g/N wireless router shall be provided, which will allow connection by the Engineer and up to four Department staff.
  - (2) Telephone Lines. Three separate telephone lines.
- (j) One plain paper copy machine capable of reproducing prints up to 11 x 17 in. (280 x 432 mm) with an automatic feed tray capable of storing 30 sheets of paper. Letter size and 11 x 17 in. (280 x 432 mm) paper shall be provided.
- (k) One plain paper fax machine with paper.
- (I) Two telephones, with touch tone, where available, and a digital telephone answering machine, for exclusive use by the Engineer.
- (m) One electric water cooler dispenser.
- (n) One first-aid cabinet fully equipped.
- (o) One microwave oven, 1 cu ft (0.03 cu m) minimum capacity.
- (p) One fire-proof safe, 0.5 cu ft (0.01 cu m) minimum capacity.
- (q) One electric paper shredder.
- (r) One post mounted rain gauge, located on the project site for each 5 miles (8 km) of project length."

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

"The building or buildings fully equipped as specified will be paid for on a monthly basis until the building or buildings are released by the Engineer."

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

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

### **EQUIPMENT RENTAL RATES (BDE)**

Effective: August 2, 2007 Revised: January 2, 2008

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

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

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

- "(4) Equipment. Equipment used for extra work shall be authorized by the Engineer. The equipment shall be specifically described, be of suitable size and capacity for the work to be performed, and be in good operating condition. For such equipment, the Contractor will be paid as follows.
  - a. Contractor Owned Equipment. Contractor owned equipment will be paid for by the hour using the applicable FHWA hourly rate from the "Equipment Watch Rental Rate Blue Book" (Blue Book) in effect when the force account work begins. The FHWA hourly rate is calculated as follows.

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

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

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

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

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

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

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

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

# HOT-MIX ASPHALT - 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:

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

<sup>2/</sup> 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: 1/	
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)

<sup>1/</sup> 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 High ESAL Mixture Low ESAL Mixture	Frequency of Tests  All Other Mixtures	Test Method See Manual of Test Procedures for Materials
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.	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	1 per half day of production	1 per day	Illinois-Modified AASHTO T 308
Note 2.			
Air Voids  Bulk Specific Gravity of Gyratory Sample	Day's production ≥ 1200 tons:  1 per half day of	1 per day	Illinois-Modified AASHTO T 312
or cyratory campio	production Cay's production Cay's production		1012
	1200 tons:		
	1 per half day of production for first 2 days and 1 per		
	day thereafter (first sample of the day)		
Maximum Specific Gravity of Mixture	Day's production ≥ 1200 tons:	1 per day	Illinois-Modified AASHTO T 209"
	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)		

# **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."

# **MULTILANE PAVEMENT PATCHING (BDE)**

Effective: November 1, 2002

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

## 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.

# PORTLAND CEMENT CONCRETE PLANTS (BDE)

Effective: January 1, 2007

Add the following to Article 1020.11(a) of the Standard Specifications.

- "(9) Use of Multiple Plants in the Same Construction Item. The Contractor may simultaneously use central-mixed, truck-mixed, and shrink-mixed concrete from more than one plant, for the same construction item, on the same day, and in the same pour. However, the following criteria shall be met.
  - a. Each plant shall use the same cement, finely divided minerals, aggregates, admixtures, and fibers.
  - b. Each plant shall use the same mix design. However, material proportions may be altered slightly in the field to meet slump and air content criteria. Field water adjustments shall not result in a difference that exceeds 0.02 between plants for water/cement ratio. The required cement factor for central-mixed concrete shall be increased to match truck-mixed or shrink-mixed concrete, if the latter two types of mixed concrete are used in the same pour.

- c. The maximum slump difference between deliveries of concrete shall be 3/4 in. (19 mm) when tested at the jobsite. If the difference is exceeded, but test results are within specification limits, the concrete may be used. The Contractor shall take immediate corrective action and shall test subsequent deliveries of concrete until the slump difference is corrected. For each day, the first three truck loads of delivered concrete from each plant shall be tested for slump by the Contractor. Thereafter, when a specified test frequency for slump is to be performed, it shall be conducted for each plant at the same time.
- d. The maximum air content difference between deliveries of concrete shall be 1.5 percent when tested at the jobsite. If the difference is exceeded, but test results are within specification limits, the concrete may be used. The Contractor shall take immediate corrective action and shall test subsequent deliveries of concrete until the air content difference is corrected. For each day, the first three truck loads of delivered concrete from each plant shall be tested for air content by the Contractor. Thereafter, when a specified test frequency for air content is to be performed, it shall be conducted for each plant at the same time.
- e. Strength tests shall be performed and taken at the jobsite for each plant. When a specified strength test is to be performed, it shall be conducted for each plant at the same time. The difference between plants for their mean strength shall not exceed 450 psi (3100 kPa) compressive and 80 psi (550 kPa) flexural. The strength standard deviation for each plant shall not exceed 650 psi (4480 kPa) compressive and 110 psi (760 kPa) flexural. The mean and standard deviation requirements shall apply to the test of record. If the strength difference requirements are exceeded, the Contractor shall take corrective action.
- f. The maximum haul time difference between deliveries of concrete shall be 15 minutes. If the difference is exceeded, but haul time is within specification limits, the concrete may be used. The Contractor shall take immediate corrective action and check subsequent deliveries of concrete until the haul time difference is corrected."

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

Effective: January 1, 2007 Revised: August 1, 2007

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 5/8. Conglomerate 5/8 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 5/8 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 5/8 RAP stockpiles shall not contain steel slag or other expansive material as determined by the Department.
- (c) Conglomerate 3/8. Conglomerate 3/8 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 B quality. This RAP may have an inconsistent gradation and/or asphalt binder content prior to processing. All conglomerate 3/8 RAP shall be processed prior to testing by crushing to where all RAP shall pass the 3/8 in. (9.5 mm) or smaller screen. Conglomerate 3/8 RAP stockpiles shall not contain steel slag or other expansive material as determined by the Department.
- (d) Conglomerate "D" Quality (DQ). Conglomerate DQ RAP stockpiles shall consist of RAP from Class I, Superpave (High or Low ESAL), HMA (High or Low ESAL), or equivalent mixtures. The coarse aggregate in this RAP may be crushed or round but shall be at least D quality. This RAP may have an inconsistent gradation and/or asphalt binder content. Conglomerate DQ RAP stockpiles shall not contain steel slag or other expansive material as determined by the Department.
- (e) Non-Quality. RAP stockpiles that do not meet the requirements of the stockpile categories listed above shall be classified as "Non-Quality".

RAP 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.

- (a) Testing Conglomerate 3/8. In addition to the requirements above, conglomerate 3/8 RAP shall be tested for maximum theoretical specific gravity (G<sub>mm</sub>) at a 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).
- (b) Evaluation of Test Results. All of the extraction results shall be compiled and averaged for asphalt binder content and gradation and, when applicable G<sub>mm</sub>. 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	$\pm$ 0.4 % <sup>1/</sup>	± 0.5 %
G <sub>mm</sub>	$\pm$ 0.02 <sup>2/</sup>	

- 1/ The tolerance for conglomerate 3/8 shall be  $\pm$  0.3 %.
- 2/ Applies only to conglomerate 3/8. When variation of the  $G_{mm}$  exceeds the  $\pm$  0.02 tolerance, a new conglomerate 3/8 stockpile shall be created which will also require an additional mix design.

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 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 either homogeneous or conglomerate 3/8, 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, conglomerate 5/8, or conglomerate 3/8, 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 5/8, conglomerate 3/8, or conglomerate DQ.
- (f) The use of RAP shall be a contractor's option when constructing HMA in all contracts. When the contractor chooses the RAP option, the percentage of RAP shall not exceed the amounts indicated in the table for a given N Design.

HMA MIXTURES 1/, 3/	MAXIMUM % RAP		
Ndesign	Binder/Leveling Surface Poly		Polymer
_	Binder		Modified
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

Max RAP Percentage

- 1/ For HMA Shoulder and Stabilized Sub-Base (HMA) N-30, the amount of RAP shall not exceed 50% of the mixture.
- 2/ Value of Max % RAP if 3/8 RAP is utilized.
- 3/ When RAP exceeds 20%, the high & low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25% RAP 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. When producing mixtures containing conglomerate 3/8 RAP, a positive dust control system shall be utilized.

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

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.

Initial Minimum Coefficient of Retroreflection candelas/foot candle/sq ft (candelas/lux/sq m) of material					
candela	is/100t candle/sq it (ca	andelas/lux	rsq m) oi mai	enai	
Observation Entrance Angle Fluorescent					
Angle (deg.) (deg.) White Orange Orange				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:

<sup>&</sup>quot;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: January 2, 2008

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. For bars without a well-defined yield point, including bars straightened from coils, the yield strength shall be determined by taking the corresponding load at 0.005 strain as measured by an extensometer (0.5% elongation under load) and dividing it by the nominal cross-sectional area of the bar.
    - 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.

FAI Route 57 (I-57) Section 61-(1, 2)I Marion County Contract 76C18

- (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. The thickness of the epoxy coating shall be 7 to 12 mils (0.18 to 0.30 mm). 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

Revise Article 508.03 of the Standard Specifications to read:

"508.03 Storage and Protection. Reinforcement bars, when delivered on the job, 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 it is necessary to store epoxy coated bars outside for more than two months, they shall be protected from 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.

When placed in the work the bars shall be free from dirt, detrimental scale, paint, oil, or other foreign substances. A light coating of rust will not be considered objectionable on black bars."

# **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.

FAI Route 57 (I-57) Section 61-(1, 2)I Marion County Contract 76C18

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.

# **WORKING DAYS (BDE)**

Effective: January 1, 2002

The Contractor shall complete the work within <u>30</u> working days.

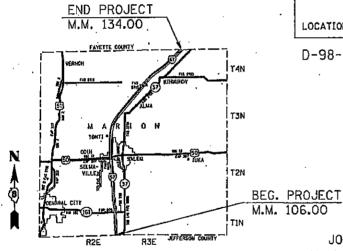
# STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION PLANS FOR PROPOSED

> FAI 57 SECTION 61-(1,2)I MARION COUNTY PATCHING

C-98-088-08

FOR INDEX OF SHEETS SEE SHEET NO. 2



LOCATION MAP

START LAT - 38.83725 LONG - -90.02066

END LAT - 38.82539 LONG - -89.97832

GROSS LENGTH = 28.00 MILES NET LENGTH = 28.00 MILES

2008 ADT = 21400 SU = 7.1% MU = 37.7%

CONTRACT NO. 76C18



D-98-098-08

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATIONS PHONE: (800) 892-0123

SUBMITTED	5-16-01
" IL	a C Kami
	O DEPUTY DIRECTOR OF HIGHWAY REGION FIVE ENGINE
PASSED	
	ENGINEER OF DESIGN & ENVIRONME
APPROVED	ENGINEER OF DESIGN & ENVIRONME
APPROVED	ENGINEER OF DESIGN & ENVIRONME

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS PLOT DATE: DATE-TIME.

TOTAL SHEET NO. 17 2

CONTRACT NO.: 76C18

# INDEX OF SHEETS

- 1. COVER SHEET
- 2. INDEX OF SHEETS, STANDARDS
- 3.-4. GENERAL NOTES .
  - 5. SUMMARY OF QUANTITIES
  - 6. LOCATION MAP
  - 7. TYPICAL SECTIONS
- 8.-12. · SCHEDULES
  - 13. PARTIAL DEPTH PATCHING DETAIL
- 14.-17. TRAFFIC CONTROL AND PROTECTION (SPECIAL)

# STANDARDS

000001-05 421001-02 442001-04 701400-02 701401-04 701411-04

701901

INDEX OF SHEETS STANDARDS

FAI 57 SECTION 61-(1,2)I MARION COUNTY

PLOT DATE: \_:DATE-TIME:

TOTAL SHEET HO, 177 3

CONTRACT NO.: 76C18

# GENERAL NOTES

- 1. THE LOCATIONS OF THE REPAIR AREAS AS SHOWN IN THE PLANS ARE APPROXIMATE LOCATIONS. THE EXACT LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.
- 2. THE THICKNESS OF THE BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- 3. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY, AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
  - \*AMERENCIPS
  - \*AMERENIP
  - \*ATMOS ENERGY
  - \*AT&T ILLINOIS
  - \*BP PIPELINES (NORTH AMRERICA)
  - \*BUCKEYE PARTNERS L.P.-WOOD RIVER PIPELINE
  - \*CHARTER COMMUNICATIONS, INC.
  - \*CITATION OIL & GAS CORP.
  - \*COUNTRYMARK COOPERATIVE, LLP
  - \*FMC WATER CO.

- \*FRONTIER COMM. COMPANY
- \*CITY OF KINMUNDY
- \*MARATHON PIPE LINE LLC
- \*MCLEOD USA TELECOMMUNICATIONS, INC.
- \*NORTHEAST MARION COUNTY WATER CO.
- \*VILLAGE OF ODIN
- \*RACOON WATER COMPANY
- \*CITY OF SALEM
- \*SHELL PIPELINE COMPANY LP
- \*SOUTHWESTERN ELECTRIC COOPERATIVE, INC.
- \*TRI-COUNTY ELECTRIC COOPERATIVE, INC.
- \*US SONET

MEMBERS OF J.U.L.I.E. (800)-892-0123 ARE INDICATED BE \*. NON J.U.L.I.E. MUST BE NOTIFIED INDIVIDUALLY.

- 4. HIGH EARLY STRENGTH CONCRETE MIX SHALL BE USED FOR ALL PCC PATCHING.
- 5. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 6. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS, AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS.
- 7. FLAGMEN SHALL BE PRESENT DURING ALL CLOSURE HOURS, INCLUDING LUNCH HOUR. AND NO ADDITIONAL COMPENSATION SHALL BE APPLIED.

GENERAL NOTES

FAI 57 SECTION 61-(1,2)I MARION COUNTY

PLOT DATE: DATE-TIME

TOTAL	SHEET No.
17	4
CONTRACT	NO.: 76C18

- 8. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS, AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS.
- 9. THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING AND/OR ITS UTILITIES WITHIN THE PROJECT LIMITS. IF HIGHWAY LIGHTING AND/OR ITS EXISTS WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO. LOCATING UNDERGROUND CABLE IS NOT INCLUDED AS PART OF THE PLANS, THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- 10. CONTACT JEAN SLAPE AT (618) 346-3289 AT THE COMPLETION OF THE PROJECT. TO EVALUATE PAVEMENT MARKING. ANY PAVEMENT MARKING PLACEMENT WILL BE DONE BY IDOT OPERATIONS AFTER THE COMPLETION OF THE CONTRACT WORK.
- 11. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

ROUTE	FAI 57
SECTION	61-(1,2)I
COUNTY	MARION
CONTRACT	76C18

DESCRIPTION:	I-57 FROM JEFFERSON CO. LINE TO FAYETTE CO. LINE
	•

ADT (Construction Yr)	21400
MUX:	28,3
SU%:	7.1
20 YR. ESAL'S:	33.69

MIXTURE USE	PARTIAL DEPTH PATCH (POLYMERIZED)
AC/PG	SBS PG 76-22
RAP % (MAX)	10%
DESIGN AIR VOIDS	4.0% @Ndes=105
MIX COMPOSITION	
(GRADATION MIXTURE)	
FRICTION AGG	MIXTURE "E"

GENERAL NOTES

FAI 57 SECTION 61-(1,2)I MARION COUNTY

PLOT DATE: DATE-TIME

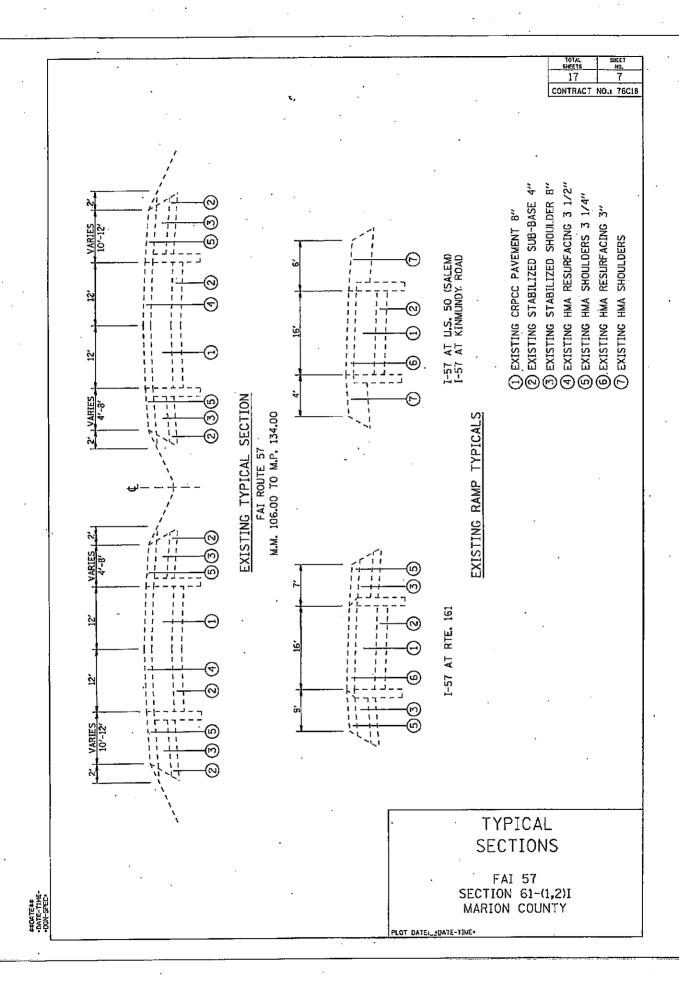
SUMMARY OF QUANTITIES

-			•	,	2000	
			TOTAL	100%		
CODE NO	ITEM	UNIT	QUANTITIES	STATE		
44200573	CLASS A PATCHES, TYPE I, 12 INCH	dy pş	52	.52		,
44200577	CLASS A PATCHES, TYPE II, 12 INCH	SQ YD	396	396		
44200581	CLASS A PATCHES, TYPE III, 12 INCH	SQ YD	202	202		
44200583	CLASS A PATCHES, TYPE IV, 12 INCH	SO YD	563	563		·
44213000	PATCHING REINFORCEMENT	SQ YD	1213	1213		
44213200	44213200 SAW CUTS	F00T	3808	3808		
67000200	ENGINEER'S FIELD OFFICE, TYPE A	EACH	۲.	m		
67100100	MOBILIZATION	Wns 1		7		
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH ·	10	10		·
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	-	1		
70101805	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	EACH	10	10		
X4421000	PARTIAL DEPTH PATCHING	NOL	623	623		
X4422030	PARTIAL DEPTH REMOVAL 3"	SQ YD	3704	3704		-
20075310	TIE BARS 3/4"	ЕАСН	302	302		

SUMMARY OF QUANTITIES

FAI 57 SECTION 61-(1,2)I MARION COUNTY

17 CONTRACT NO. 76CI8 END PROJECT M.P. 134.00 FAYETTE COUNTY MARION COUNTY KINMUNDY EXIT MILE 127,00 KINMUNDY RD. U.S. 50 MILE 109.00 IL ROUTE 161 MARION COUNTY JEFFERSON COUNTY BEG. PROJECT M.P. 106.00 LOCATION MAP FAI 57 SECTION 61-(1,2)I MARION COUNTY PLOT DATE ... DATE-TIME-



								_									_				_							_	
	PATCHING REINFORCEMENT	. So. YDS.		5.3	6.7	9.3	8.0	6.7	10.0	6.7	33,3	10.0	12.0	13.3	18.0	23.3	13,3	14.7	13.3	20.0	25.3	5,3	5.2	12.0	13,3	10.0	6.7	4.0	4.0
	TIE BARS	EACH									24				13	11													
LL	SAWCUT	FEET		. 28	32	40	36	32	42	32	112	42	48	25	99	28	52	. 56	44	54	62	28	40	48	52	42	32	24	24
CLASS A PAVEMENT PATCHING SCHEDULE	TYPE IV	SQ. YDS.						i			33,3					,					25.3				•				
CHING S	TYPE III	SO. YDS.		-							•				18:0	23.3				20.0									
T PAT(	TYPE II	Sa. YDS.		5.3	6.7	9,3	8.0	6.7	10.0	6,7		10.0	12.0	13.3			13.3	14.7	13.3			5*3	9.3	12.0	13,3	10.0	6.7	,	
VEMEN	TYPE I	Sa. YDS.							•																			4.0	0.4
SAPA	SIZE	SO. YOS.		5.3	6.7	9.3	8.0	6.7	10.0	6.7	33,3	10.0	12.0	13,3	18.0	23,3	13.3	14.7	13.3	20.0	25.3	5.3	5.6	12.0	13.3	10.0	6.7	4.0	4,0
CLAS	LENGTH	FEET		æ	01	14	12	ō.	. 15	10	50	15	18	20	22	35	20	22	9	51	19	8	14	18	20	15	21	9	ø
	WIDTH	FEET		6	و	و	9	9	9	و	9	9	9	9	9	9	9	٥	12	112	12	۵	9	9	٥	9	w	9	9
	LANE			2	2	2	2	2	2	2	2	2	2	2	. 2	2	2	2	2	2	2	2	2	2	. 2	2	2	2	2
	LOCATION	M.M.	SOUTHBOUND	106,695	106.726	106.807	106.81	106.82	106.9	106,995	107.037	107.087	107.158	107.18	107.45	107.732	107.895	107.974	109.44	109,445	109.485	129.75	130	130.17	130,185	130,192	130.499	130.501	130,531

CLASS A PATCHING SCHEDULE

FAI 57 SECTION 61-(1,2)I MARION COUNTY

TOTAL SHEET MO.

17 9

CONTRACT NC. 76C18

		1	2	Ċ.	1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/	T DAT	OLITAIO				
			CLA:	A A CO	VEMEN	LAL	SUTUS	CLASS A FAVEMEN! FAICHING SCHEUULE	니 니		
LOCATION	LANE	HIGIM	LENGTH	SIZE	1 3dk1	TYPE II	TYPE III	VI 34YT	SAWCUT	TIE BARS	· PATCHING REINFORCEMENT
M.M.		FEET	FEET	SO. YDS.	SQ. YDS.	SO. YDS.	So. YDS.	Sa. YDS.	FEET	EACH	so. ros.
NORTHBOUND											
106.95	2	12	10	13.3		13.3			44		13.3
106,95	2	9	5	3.3	3.3		,		22		3.3
122.9	2	12	9	8.0		8.0			36		8.0
124.02	2	ß	50	13.3		13.3			52.		13.3
124.03 .	2	9	10	6.7		2.9			32		6.7
124,701	2	9	9	4.0	4.0				24		4.0
129,865	2	12	8	10.7		10.7			40		10.7
6'621	2	9	30	20.0			. 20.0		72	14	20.0
132.933	2	ဖ	۵	4.0	4,0				24		4.0
106.97		71	230	306.7				306.7	. 484	114	306.7
108.64	1	\$	28	18.7			18.7		89	13	18.7
108.7	1	9	8	5.3		5.3			28		5.3
108.71	1	و	35	23.3			23.3		82	. 17	23.3
108.73	1	9	17	11.3		11.3			46		11,3
108.75		. 9	9	4.0	4.0				24		4.0
108.78	1	9	8	5.3		5,3			28		5,3
109.09	1	9	. 19	12.7		12.7			50		12.7
125.32	1	9	9	4.0	4.0				24		4.0
127.522	1	9	9 1	1 4,0	4.0				24		4.0
SOUTHBOUND ON RAMP SALEM	ON RAMP SALE	M.									
0.002	Romp	11	40	48.9				48.9	102		48.9
900.0	Катр	10	25	27.8				27.8	70		27.8
SOUTHBOUND OFF RAMP IL 161	OFF RAMP IL 1	161				•					
0.333	Ramp	12	20	26.7				26.7	. 64		26.7
0.336	Ястр	ဖ	22	14.7		14.7		,	56		14.7

CLASS A PATCHING SCHEDULE

FAI 57 SECTION 61-(1,2)I MARION COUNTY

101AL SHEET NO. 17 10 CONTRACT NO.: 76C18

	PATCHING REINFORCEMENT	SO. YDS.		6.7	10.7	23.3	8.0	5.3	30.7	13.3	15.3	4.0	63.8	16.0	8.7	10.7	12.7	24.0	5.3	5.3	5.3	4.0	4.0	4.0	8.7	4.0	8.0	1213
•	TIE BARS	EACH				11			11		11		40	_ 11														302
ULE	SAWCUT	FEET		32	44	82	36	28	70	25	58	24	178	09	38	44	20	09	28	28	28	24	24	24	. 38	24	36	3808
CLASS A PAVEMENT PATCHING SCHEDULE	VI BAYT	SO. YDS.							30.7				63.8														,	563
CHING	III JAAL	So. YDS.				23.3					15.3			16.0				24.0 .										202
NT PAT	TYPE II	SQ. YDS.		6.7	10.7		8.0	5.3		13.3		-			8.7	10.7	12.7		5.3	5.3	5.3				8.7		8.0	396
AVEME	I 34X1	SQ. YDS.	_									4.0									•	4.0	4.0	4.0		4.0		52
SS A.P	AREA	So. YDS.		6.7	10.7	.23.3	8.0	5.3	30.7	13.3	15.3	4.0	63.8	16.0	8.7	10.7	12.7	24.0	5.3	5.3	5.3	4.0	4.0	4.0	8.7	4.0	8.0	
CLAS	LENGTH	FEET		ដ	16	35	21	80	53	20	52	9	28	54	ξt	16	13	18	8	8	8	9	9	9	13	9	9	
!	WIDTH	FEET		u	ဖ	9	9	9	71	9	9	9	9	9	9	9	9	12	9	9	9	9	9	ę	9	9	12	
	LANE			2	2	2	2	2	2	2	2	2	5	2	2	2	2	2	1	1	1	. 1	1		1	1	1	ral.
	LOCATION	M.M.		131.27	131,47	131,53	131,665	131,674	111.151	131.864	131,884	132.24	132,246	132.27	132,314	132,341	133,556	133.97	107.95	108,716	108.726	108,736	108.746	123.977	124.581	124.975	125.133	TOTAL

CLASS A PATCHING SCHEDULE

FAI 57 SECTION 61-(1,2)I MARION COUNTY

TOTAL SHEET NO. 17 11 CONTRACT NO.: 75C18

PARTIAL DEPTH SCHEDULE

> FAI 57 SECTION 61-(1,2)I MARION COUNTY

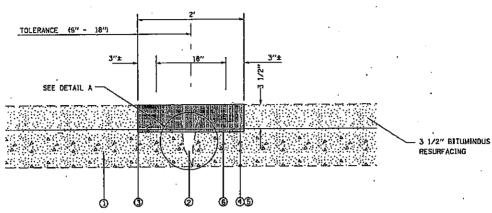
107AL SHEET NO.
17 12
CONTRACT NO.2 76C18

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SCHEDILL	RTAT	KINMUNDY																								1																							TOTAL	
CHING	STATION	NB OFF RMP	0.12	0.2	0.35			•																																									SUB	S
TH PAT	: ;	0,475	6.0	6.0	4.0	6.0	0.473	1.0	6.0	40.0	36.0	11.1	31.1	10.0	17.8	6.7	40.0	0.528	5.7	6.0	13.3	4.4	28.0	4,4	4.4	12.0	1.0	10.0	14.0	8.0	6.0	6.0	6.0	TO .380	62.2	TO .380	2.9	20.0	10.0	4,0	4.0	6.0	4.0	4.0	4.0	6.0	6.0	16.0	506.0	OF PAGES
100	<u>. l</u>	ο 10	2	ы	~	3	으	n	ы	ଷ	18	£	유	ď	ş	Z	R	0.70	8	18	40	20	28	20	50	36	3	30	18	18	18	18		8	2	낖	Я	열	ភ	2	2	3	2	2	2	m	m	83		TOTAL
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	₁l≂	0.00	18	18	83	18	0,000	м	8	18	18	4	82	9	4	5	<u>m</u>	0.000	27	ы	£	2	6	2	2	3	ы	'n	7	4	3	3		Φſ	]	0	2	18	18	18	18	18	18	18	18	22	2	18		٦
APT7/	i Fra	US 50		_		-	US 50											US 50												-				KINKAUNDY		KINMUNDY				ļ									TOTAL	
74		嵩	0.026	0.043	0.044	0.064	SB OFF RAMP	90.0	0.423	0.446	0.447	0.449	0.45	0.451	0.452	0.453 ·	0.454	NB ON RAMP	100'0	0.003	0.005	. 200*0	6000	0.011	0,013	0.018	0.022	0.082	0.083	0.084	0.085	0.093	0.094	See See	٩	3AMP	0	0.03	0.038	0.051	0.055	0.07	מיםעו	0.069	0.092	0.121	0.192	0.193	SUB	

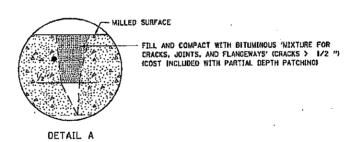
## PARTIAL DEPTH SCHEDULE

FAI 57 SECTION 61-(1,2)I MARION COUNTY

\$HEET 140. TOTAL SHEETS CONTRACT NO.: 76C18

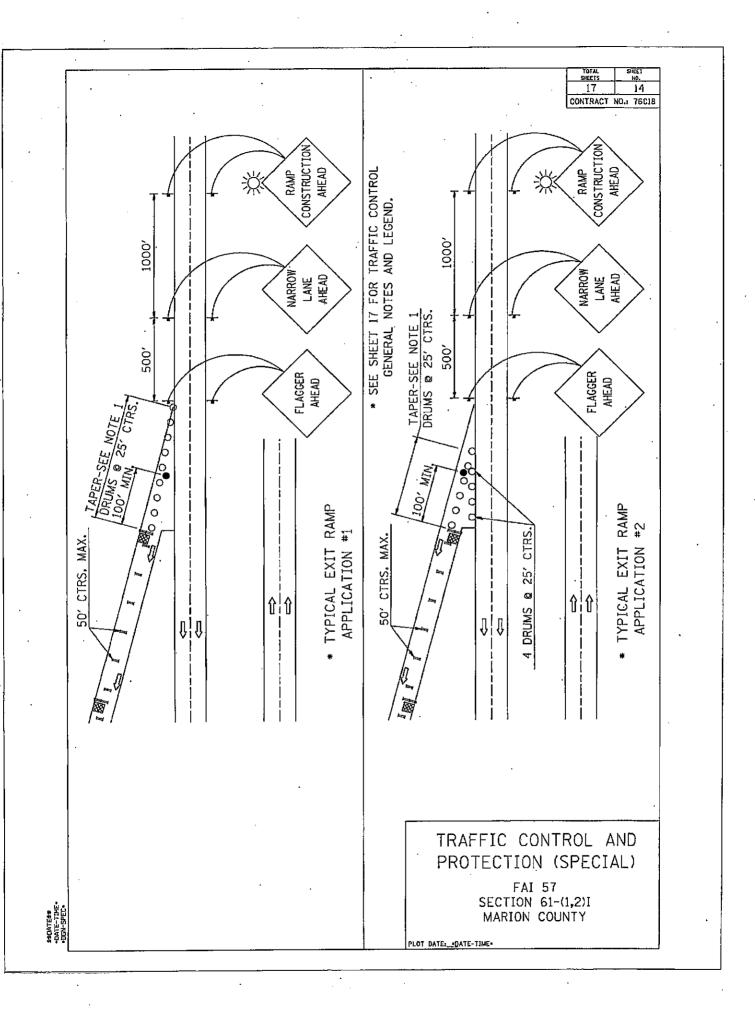


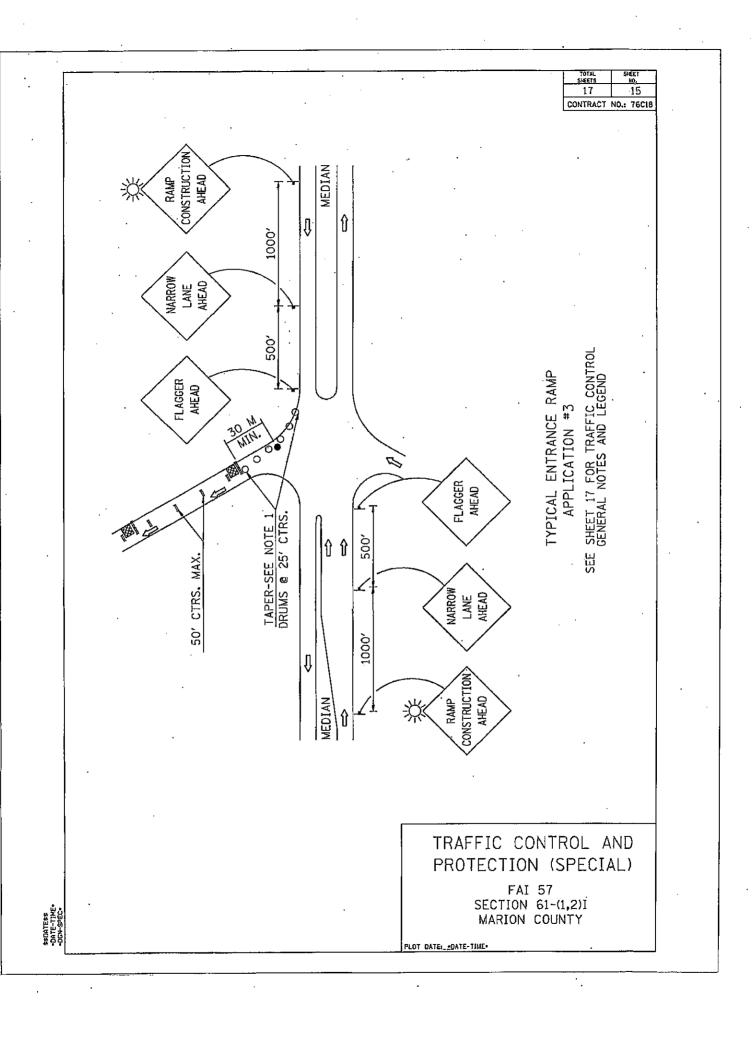
- LEGENO
- TEXISTING CRCP PAVEMENT, 8"
- @ EXISTING LONGITUDINAL PAVEMENT CRACK
- 3 EXISTING PAVEMENT REINFORCEMENT
- PROPOSED PARTIAL DEPTH REMOVAL, 2"
   PROPOSED PARTIAL DEPTH PATCHING
- 6 PROPOSED BITUMINOUS MATERIALS PRIME COAT (COST INCLIDED WITH PARTIAL DEPTH PATCH)

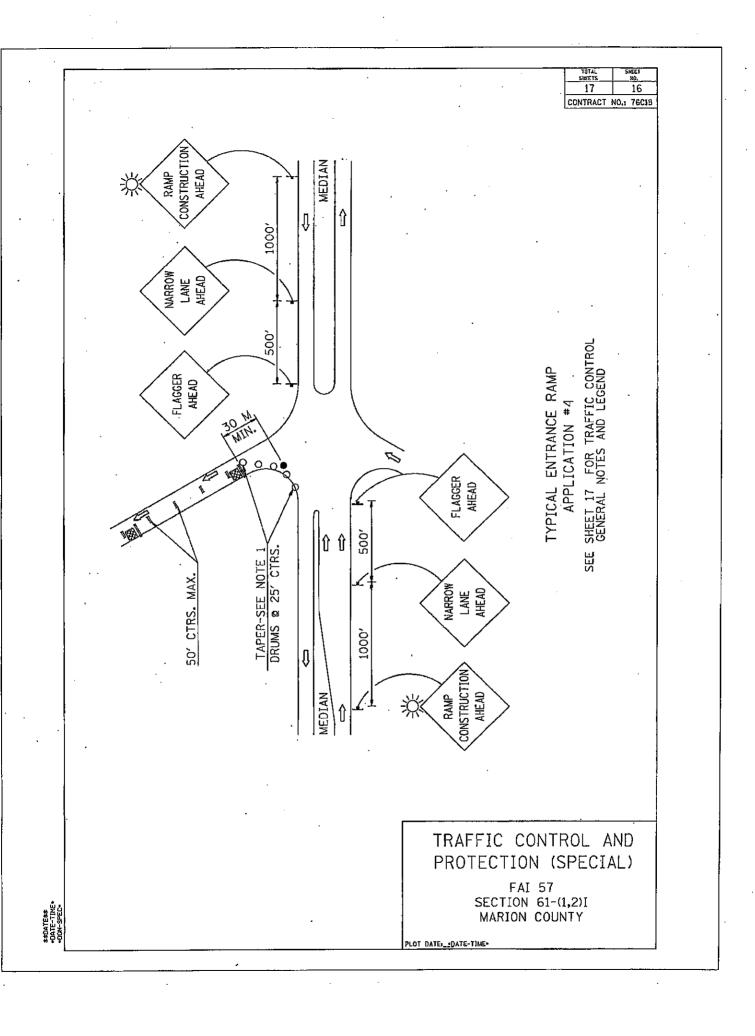


PARTIAL DEPTH PATCHING DETAIL

> FAI 57 SECTION 61-(1,2)I MARION COUNTY







TOTAL SHEETS	SHEET NO.
17	17
CONTRACT	NO. 76C18

#### GENERAL NOTES

- 1. FOR EXIT RAMPS THE TAPER SHALL BEGIN AS SHOWN AND EXTEND TO THE LOCATION OF THE FIRST PATCH. FOR ENTRANCE RAMPS, THE TAPER SHALL BEGIN @ THE EDGE OF PAVEMENT AND EXTEND TO THE LOCATION OF THE FIRST PATCH FOR ENTRANCE RAMPS.
- 2. AN OPERATION SHALL CONSIST OF ONE INDIVIDUAL RAMP.
- A FLAGGER SHALL BE REQUIRED @ ALL TIMES WHEN MEN OR EQUIPMENT ARE PRESENT AT EACH OPERATION.
- 4. WHEN NO WORK IS BEING PERFORMED, THE FLAGGERS WILL NOT BE REQUIRED.

  IF THE FLAGGERS ARE NOT PRESENT, THE FLAGGER SIGNS SHALL BE REMOVED OR COVERED.
- 5. BARRICADES OR DRUMS SHALL BE PLACED ALONG THE CENTER LINE OF THE RAMP. THE CHANNELIZING DEVICES SHALL BE PLACED AT A MAXIMUM OF 50' CENTERS.
- 6. TWO ADDITIONAL CHANNELIZING DEVICES SHALL BE PLACED @ EACH OPEN HOLE ON THE APPROACH SIDE OF THE OPEN HOLE.
- 7. LIGHTS WILL NOT BE REQUIRED FOR DAY OPERATIONS.
- 8. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- 10. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS. THE LATERAL PLACEMENT OF THE FLAGGER MAY BE VARIED FROM THAT SHOWN.
- 11. FORM BT725 IS REQUIRED.

#### LEGEND

 $\otimes$ 

PATCH



FLASHING LIGHT

FLAGGER WITH TRAFFIC CONTROL SIGN

■ BARRICADE OR DRUM

SIGN ON PORTABLE OR PERMANENT SUPPORT

DRUM WITH STEADY BURNING LIGHT

TRAFFIC\_CONTROL\_AND
PROTECTION, SPECIAL
GENERAL\_NOTES & LEGEND

FAI 57 SECTION 61-(1,2)I MARION COUNTY

PLOT DATES\_ \*DATE-TIME\*

#### ILLINOIS DEPARTMENT OF LABOR

### PREVAILING WAGES FOR MARION COUNTY EFFECTIVE JULY 2008

The Prevailing rates of wages are included in the Contract proposals which are subject to Check Sheet #5 of the Supplemental Specifications and Recurring Special Provisions. The rates have been ascertained and certified by the Illinois Department of Labor for the locality in which the work is to be performed and for each craft or type of work or mechanic needed to execute the work of the Contract. As required by Prevailing Wage Act (820 ILCS 130/0.01, et seq.) and Check Sheet #5 of the Contract, not less than the rates of wages ascertained by the Illinois Department of Labor and as revised during the performance of a Contract shall be paid to all laborers, workers and mechanics performing work under the Contract. Post the scale of wages in a prominent and easily accessible place at the site of work.

If the Illinois Department of Labor revises the prevailing rates of wages to be paid as listed in the specification of rates, the contractor shall post the revised rates of wages and shall pay not less than the revised rates of wages. Current wage rate information shall be obtained by visiting the Illinois Department of Labor web site at <a href="http://www.state.il.us/agency/idol/">http://www.state.il.us/agency/idol/</a> or by calling 312-793-2814. It is the responsibility of the contractor to review the rates applicable to the work of the contract at regular intervals in order to insure the timely payment of current rates. Provision of this information to the contractor by means of the Illinois Department of Labor web site satisfies the notification of revisions by the Department to the contractor pursuant to the Act, and the contractor agrees that no additional notice is required. The contractor shall notify each of its subcontractors of the revised rates of wages.

# **Marion County Prevailing Wage for July 2008**

ASBESTOS ABT-GRN ALL 22.000 22.450 1.5 1.5 2.0 5.450 6.750 0.000 0.800 ASBESTOS ABT-MEC BLD 25.690 26.690 1.5 1.5 2.0 5.450 6.750 0.000 0.250 BOILERMAKER BLD 27.090 28.840 1.5 1.5 2.0 5.300 4.000 0.000 0.250 CARPENTER BLD 28.830 30.030 1.5 1.5 2.0 5.300 4.000 0.000 0.350 CARPENTER BWY 28.480 30.320 1.5 1.5 2.0 5.300 4.000 0.000 0.350 CEMENT MASON BLD 24.400 25.400 1.5 1.5 2.0 5.300 4.000 0.000 0.350 CEMENT MASON BLD 24.400 25.400 1.5 1.5 2.0 5.300 4.000 0.000 0.350 CEMENT MASON BLD 24.400 25.400 1.5 1.5 2.0 5.300 4.000 0.000 0.350 CEMENT MASON BLD 24.400 25.400 1.5 1.5 2.0 5.300 4.000 0.000 0.300 CERAMIC TILE FRSHER BLD 23.370 0.000 1.5 1.5 2.0 5.300 4.000 0.000 0.300 CERAMIC TILE FRSHER BLD 23.370 0.000 1.5 1.5 2.0 5.300 4.000 0.000 0.300 CERAMIC TILE FRSHER BLD 23.370 0.000 1.5 1.5 2.0 5.300 4.000 0.000 0.300 CERAMIC TILE FRSHER BLD 26.740 28.240 1.5 1.5 2.0 5.300 4.000 0.000 0.000 CERAMIC TILE FRSHER BLD 26.740 28.240 1.5 1.5 2.0 5.300 4.000 0.000 0.000 CERAMIC TILE FRSHER BLD 26.740 28.240 1.5 1.5 2.0 5.300 4.000 0.000 0.000 CERAMIC TILE FRSHER BLD 27.560 28.480 1.5 1.5 2.0 5.300 4.000 0.000 0.000 CERAMIC TILE FRSHER BLD 27.560 28.480 1.5 1.5 2.0 5.300 4.000 0.000 0.350 CELECTRICIAN BLD 26.740 28.240 1.5 1.5 2.0 5.300 4.000 0.000 0.350 CELECTRONIC SYS TECH BLD 26.740 28.240 1.5 1.5 2.0 5.300 4.000 0.000 0.350 CELECTRONIC SYS TECH BLD 27.560 28.480 1.5 1.5 2.0 5.300 4.000 0.000 0.350 CELECTRONIC SYS TECH BLD 27.560 28.480 1.5 1.5 2.0 5.300 4.000 0.000 0.350 CELECTRONIC SYS TECH BLD 27.560 28.480 1.5 1.5 2.0 5.300 4.000 0.000 0.350 CELECTRONIC SYS TECH BLD 27.560 28.480 1.5 1.5 2.0 5.300 4.000 0.000 0.350 CELECTRONIC SYS TECH BLD 27.560 28.480 1.5 1.5 2.0 5.300 4.000 0.000 0.350 CELECTRONIC SYS TECH BLD 27.560 28.480 1.5 1.5 2.0 5.300 4.000 0.000 0.350 CELECTRONIC SYS TECH BLD 27.560 28.480 1.5 1.5 2.0 5.200 8.000 0.000 0.350 CERAMIC SYS TECH BLD 28.400 28.400 1.5 1.5 2.0 5.200 8.000 0.000 0.350 CERAMIC SYS TECH BLD 28.400 28.400 1.5 1.5 2.0 6.700 1.5 0.000 0.000 0.000 CERAMIC SYS TECH BLD 28.400 28.400 1.5 1	Trade Name	RG	TYP	С	Base	FRMAN *M-I	F>8	AZO	OSH	H/W	Pensn	Vac	Trng
ASBESTOS ABT—GEN ASBESTOS ABT—GEN ASBESTOS ABT—MEC BLD 25.690 26.900 1.5 1.5 2.0 5.450 2.500 2.5				-									_
ASSESTOR ABT-MEC BLD 25.690 26.690 1.5 1.5 1.5 2.0 5.050 2.500 0.000 0.300 BRICK MASON BLD 27.090 28.640 1.5 1.5 2.0 5.250 8.450 0.300 0.300 CARPENTER BLD 27.090 28.640 1.5 1.5 2.0 5.250 8.450 0.000 0.300 CARPENTER BMY 28.633 30.030 1.5 1.5 2.0 5.300 4.000 0.000 0.350 CEMENT MASON BLD 24.400 25.400 1.5 1.5 2.0 5.300 4.000 0.000 0.350 CEMENT MASON BLD 24.400 25.400 1.5 1.5 2.0 5.300 4.000 0.000 0.350 CEMENT MASON BLD 24.400 25.400 1.5 1.5 2.0 5.300 4.000 0.000 0.350 CERENT MASON BLD 24.400 25.400 1.5 1.5 2.0 5.400 4.330 0.000 0.300 CERENT MASON BLD 24.400 25.400 1.5 1.5 2.0 5.400 4.330 0.000 0.300 CERENT MASON BLD 24.400 25.400 1.5 1.5 2.0 5.400 4.330 0.000 0.300 CERENT MASON BLD 24.400 25.400 1.5 1.5 2.0 5.400 4.330 0.000 0.300 CERENT MASON BLD 23.370 0.000 1.5 1.5 2.0 5.400 4.330 0.000 0.300 CERENT MASON BLD 23.370 0.000 1.5 1.5 2.0 5.400 4.330 0.000 0.300 CERENT MASON BLD 23.370 0.000 1.5 1.5 2.0 5.300 4.000 0.000 0.300 CERENT MASON BLD 23.370 0.000 1.5 1.5 2.0 5.300 4.000 0.000 0.300 ELECTRICIAN BLD 26.740 28.240 1.5 1.5 2.0 5.300 4.000 0.000 0.300 ELECTRICIAN BLD 27.680 28.430 1.5 1.5 2.0 5.300 4.000 0.000 0.500 ELECTRONIC SYS TECH BLD 26.740 28.240 1.5 1.5 2.0 5.300 4.000 0.000 0.350 ELECTRONIC SYS TECH BLD 26.740 28.240 1.5 1.5 2.0 5.300 4.000 0.000 0.350 ELECTRONIC SYS TECH BLD 26.740 28.240 1.5 1.5 2.0 5.300 4.000 0.000 0.350 ELECTRONIC SYS TECH BLD 26.740 28.240 1.5 1.5 2.0 5.400 7.500 0.000 0.000 ELECTRONIC SYS TECH BLD 26.740 28.240 1.5 1.5 2.0 5.400 7.500 0.000 0.000 ELECTRONIC SYS TECH BLD 26.740 28.240 1.5 1.5 2.0 5.400 7.500 0.000 0.000 ELECTRONIC SYS TECH BLD 26.740 28.240 1.5 1.5 2.0 5.400 7.500 0.000 0.000 ELECTRONIC SYS TECH BLD 26.740 28.240 1.5 1.5 2.0 5.400 7.500 0.000 0.000 ELECTRONIC SYS TECH BLD 26.740 28.240 1.5 1.5 2.0 5.400 7.500 0.000 0.000 0.000 ELECTRONIC SYS TECH BLD 26.740 28.240 1.5 1.5 2.0 5.400 0.000 0.000 0.400 ELECTRONIC SYS TECH BLD 26.740 28.240 1.5 1.5 2.0 5.400 0.000 0.000 0.400 ELECTRONIC SYS TECH BLD 26.740 28.240 1.5 1.5 2.0 5.400 0.000 0.000 0.000 ELECTRONIC SYS TEC													
BOLLEMBAKER BILD   30.000   32.500   1.5   1.5   2.0   6.820   11.28   1.000   0.300   BRICK MASON   BLD   27.990   28.840   1.5   1.5   2.0   5.200   4.000   0.000   0.350   CARPENTER   BLD   28.480   30.230   1.5   1.5   2.0   5.300   4.000   0.000   0.350   CARPENTER   BLD   28.480   30.230   1.5   1.5   2.0   5.300   4.000   0.000   0.350   CEMENT MASON   BLD   24.400   25.400   1.5   1.5   2.0   5.400   4.330   0.000   0.300   CERAMIC TILE FINHER   BLD   23.397   0.000   1.5   1.5   2.0   5.400   4.330   0.000   0.300   CERAMIC TILE FINHER   BLD   23.397   0.000   1.5   1.5   2.0   5.400   4.430   0.000   0.300   ELECTROICS ST TECH   BLD   26.740   28.420   1.5   1.5   2.0   5.150   3.707   0.000   0.500   ELECTROICS ST TECH   BLD   27.680   28.430   1.5   1.5   2.0   5.150   3.707   0.000   0.500   ELECTROICS INSULATOR   BLD   30.140   0.000   2.0   2.0   2.0   8.800   7.520   0.000   0.450   ELABORER   BLD   27.680   28.430   1.5   1.5   2.0   5.300   4.000   0.000   0.450   ELABORER   BLD   27.900   22.450   1.5   1.5   2.0   5.300   8.800   0.000   0.420   LABOGER   BLD   27.900   22.450   1.5   1.5   2.0   5.450   6.750   0.000   0.700   MARCHINIST   BLD   38.390   40.930   2.0   2.0   2.0   2.0   8.800   7.520   0.000   0.700   MARCHENIST   BLD   23.370   0.000   1.5   1.5   2.0   5.200   4.400   0.000   0.700   MARRLE FINISHERS   BLD   23.370   0.000   1.5   1.5   2.0   5.200   4.400   0.000   0.700   MARRLE MASON   BLD   27.900   28.400   1.5   1.5   2.0   5.200   4.400   0.000   0.300   MARRLE MASON   BLD   28.430   30.300   1.5   1.5   2.0   5.300   4.000   0.000   0.350   MILLWRIGHT   HW   28.480   30.230   1.5   1.5   2.0   6.700   12.35   0.000   1.000   MARRLE MASON   BLD   28.530   30.030   1.5   1.5   2.0   6.700   12.35   0.000   1.000   MERGATING ENGINERR   ALL   27.800   29.000   1.5   1.5   2.0   6.700   12.35   0.000   1.000   MERGATING ENGINERR   ALL   27.800   29.000   1.5   1.5   2.0   6.700   12.35   0.000   0.000   MERGATING ENGINERR   ALL   27.800   29.000   1.5   1.5   2.0   6.7							_						
RATICK MASON													
CARPENTER    HWY   28.480   30.230   1.5   1.5   2.0   5.300   4.000   0.000   0.350													
CAMPENTER													
CEMENT MASON	-						_						
CEMENT MASON	-												
CERRAIC TILE FNSHER   BLD   23,370   0.000   1.5   1.5   2.0   5.100   4.400   0.000   0.500													
ELECTRICIAN													
BLD   26, 740   28, 240   1.5   1.5   2.0   5.300   4.000   0.000   0.250   6.000   LAYER   BLD   30, 140   0.000   2.0   2.0   2.0   8.800   7.520   2.410   0.310   1.700   1.500													
FLOOR LAYER   BLD   27.680   28.430   1.5   1.5   2.0   5.300   4.000   0.000   0.350   GLAZIER   BLD   30.140   30.100   2.0   2.0   2.0   8.800   7.520   2.10   0.310   0													
Interpretation   Inte					27.680	28.430 1.	5	1.5	2.0	5.300	4.000	0.000	0.350
Interpretation   Inte	GLAZIER						0	2.0					0.310
LABORER	HT/FROST INSULATOR		BLD			32.240 1.5	5		2.0	5.300	8.860	0.000	0.450
LABORER MACHINIST BLD 38.390 40.390 2.0 2.0 2.0 2.0 4.880 6.400 0.000 0.700 MACHILS FINISHERS BLD 23.370 0.000 1.5 1.5 2.0 5.200 4.400 0.000 0.410 MARBLE MASON BLD 27.090 28.840 1.5 1.5 2.0 5.200 4.400 0.000 0.410 MILLWRIGHT BLD 28.530 30.30 1.5 1.5 2.0 5.300 4.000 0.000 0.350 MILLWRIGHT BLD 28.530 30.30 1.5 1.5 2.0 5.300 4.000 0.000 0.350 MILLWRIGHT BLD 27.090 29.000 1.5 1.5 2.0 5.300 4.000 0.000 0.350 OPERATING ENGINEER ALL 1 27.000 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 2 25.870 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 3 21.390 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 4 21.450 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 5 21.120 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 6 27.550 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 6 27.550 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 22.000 25.500 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 22.000 25.500 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 22.000 25.500 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 25.100 25.600 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 25.100 25.600 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 25.100 25.600 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER BLD 30.000 33.000 1.5 1.5 2.0 6.700 12.35 0.000 0.280 PAINTER PWR EQMT ALL 25.100 25.600 1.5 1.5 2.0 6.700 12.35 0.000 0.280 PAINTER PWR EQMT BLD 30.000 33.000 1.5 1.5 2.0 6.700 12.35 0.000 0.280 PILEDRIVER BLD 30.000 33.000 1.5 1.5 2.0 6.600 3.955 0.000 0.000 OPERATING ENGINEER BLD 30.000 33.000 1.5 1.5 2.0 6.600 3.955 0.000 0.000 OPERAZZO MASON BLD 32.530 32.301 1.5 1.5 2.0 6.600 3.955 0.000 0.000 TRUCK DRIVER ALL 27.580 0.000 1.5 1.5 2.0 8.600 3.925 0.000 0.000 TRUCK DRIVER ALL 28.430 0.000 1.5 1.5 2.0 8.600 3.925 0.000 0.000 TRUCK DRIVER ALL 28.430 0.000 1.5 1.5 2.0 8.600 3.925 0.000 0.000 TRUCK DRIVER ALL 28.430 0.000 1.5 1.5 2.0 8.600 3.925 0.	IRON WORKER		ALL		27.350	28.850 1.	5	1.5	2.0	6.360	9.150	0.000	0.420
MACHINIST MARBLE FINISHERS BLD 23.370 0.000 1.5 1.5 2.0 5.200 4.000 0.000 0.410 MARBLE MASON BLD 23.370 0.000 1.5 1.5 2.0 5.200 4.000 0.000 0.410 MILLWRIGHT BLD 28.530 30.30 1.5 1.5 2.0 5.200 4.000 0.000 0.350 MILLWRIGHT HWY 28.480 30.230 1.5 1.5 2.0 5.300 4.000 0.000 0.350 MILLWRIGHT HWY 28.480 30.230 1.5 1.5 2.0 5.300 4.000 0.000 0.350 OPERATING ENGINEER ALL 1 27.000 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 2 25.870 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 3 21.390 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 4 21.450 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 5 21.120 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 6 27.550 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 7 27.850 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 8 28.130 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 6 27.550 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 7 27.850 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 8 28.130 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 8 28.130 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 8 28.130 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 8 28.130 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 8 28.130 29.000 1.5 1.5 2.0 6.700 12.35 0.000 0.000 OPERATING ENGINEER BLD 38.530 30.030 1.5 1.5 2.0 6.700 12.35 0.000 0.000 OPERATING ENGINEER BLD 38.530 30.030 1.5 1.5 2.0 6.700 12.35 0.000 0.000 OPERATING ENGINEER BLD 30.000 33.000 1.5 1.5 2.0 6.700 12.35 0.000 0.000 OPERATING ENGINEER BLD 30.000 33.000 1.5 1.5 2.0 6.700 12.35 0.000 0.000 OPERATING ENGINEER BLD 30.000 30.000 1.5 1.5 2.0 6.700 12.35 0.000 0.000 OPERATING ENGINEER BLD 30.000 30.000 1.5 1.5 2.0 6.700 12.35 0.000 0.000 OPERATING ENGINEER BLD 30.000 30.000 1.5 1.5 2.0 6.700 12.35 0.000 0.000 OPERATING ENGINEER BLD 30.000 30.000 1.5 1.5 2.0 6.700 12.35 0.000 0.0	LABORER		BLD		22.000	22.450 1.5	5	1.5				0.000	0.700
MARBLE FINISHERS MARBLE MASON BLD 27.090 28.840 1.5 1.5 2.0 5.200 4.400 0.000 0.410 MARBLE MASON BLD 27.090 28.840 1.5 1.5 2.0 5.250 8.450 2.000 0.400 MILLWRIGHT BLD 28.480 30.030 1.5 1.5 2.0 5.300 4.000 0.000 0.350 MILLWRIGHT HWY 28.480 30.230 1.5 1.5 2.0 5.300 4.000 0.000 0.350 OPERATING ENGINEER ALL 1 27.000 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 2 25.870 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 3 21.390 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 4 21.450 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 5 21.120 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 5 21.200 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 5 21.200 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 5 27.550 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 7 27.850 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 8 28.130 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000 OPERATING ENGINEER ALL 22.000 22.500 1.5 1.5 2.0 6.700 12.35 0.000 1.000 PAINTER ALL 22.000 22.500 1.5 1.5 2.0 6.700 12.35 0.000 0.000 PAINTER ALL 25.100 25.600 1.5 1.5 2.0 6.700 12.35 0.000 0.000 PAINTER BLD 28.530 30.030 1.5 1.5 2.0 6.700 12.35 0.000 0.280 PAINTER PWR EQMT ALL 25.100 25.600 1.5 1.5 2.0 6.700 12.35 0.000 0.280 PILEDRIVER BLD 30.000 33.000 1.5 1.5 2.0 6.700 12.35 0.000 0.280 PILEDRIVER BLD 30.000 33.000 1.5 1.5 2.0 6.700 12.35 0.000 0.280 PILEDRIVER BLD 30.000 33.000 1.5 1.5 2.0 6.700 12.35 0.000 0.000 PLUMBER BLD 30.000 33.000 1.5 1.5 2.0 6.700 12.35 0.000 0.000 PLUMBER BLD 30.000 33.000 1.5 1.5 2.0 6.700 12.35 0.000 0.000 PLUMBER BLD 30.000 33.000 1.5 1.5 2.0 6.700 12.35 0.000 0.000 PLUMEER BLD 30.000 33.000 1.5 1.5 2.0 6.700 12.35 0.000 0.000 PLUMEER BLD 30.000 31.000 31.000 1.5 1.5 2.0 6.000 3.800 0.000 0.000 PLUCK DRIVER ALL 1 27.880 0.000 1.5 1.5 2.0 8.600 3.925 0.000 0.000 PRICK DRIVER ALL 2 28.480 0.000 1.5 1.5 2.0 8.600 3.925 0.000 0.000 PRICK DRIVER ALL 3 28.480 0.000 1.5 1	LABORER		HWY		22.000	22.450 1.	5	1.5	2.0	5.450	6.400	0.000	0.700
MARBLE MASON MILLWRIGHT BLD 28.530 30.030 1.5 1.5 2.0 5.20 5.300 4.000 0.000 0.350  MILLWRIGHT BLD 28.530 30.030 1.5 1.5 2.0 5.300 4.000 0.000 0.350  MILLWRIGHT BLD 28.530 30.030 1.5 1.5 2.0 5.300 4.000 0.000 0.350  MILLWRIGHT BLD 28.630 30.030 1.5 1.5 2.0 6.700 12.35 0.000 1.000  DPERATING ENGINEER ALL 1 27.000 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000  DPERATING ENGINEER ALL 2 25.870 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000  DPERATING ENGINEER ALL 3 21.390 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000  DPERATING ENGINEER ALL 4 21.450 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000  DPERATING ENGINEER ALL 5 21.120 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000  DPERATING ENGINEER ALL 6 27.550 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000  DPERATING ENGINEER ALL 7 27.850 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000  DPERATING ENGINEER ALL 7 27.850 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000  DPERATING ENGINEER ALL 8 28.130 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000  DPERATING ENGINEER ALL 8 28.130 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000  DPERATING ENGINEER ALL 8 28.130 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000  DPERATING ENGINEER ALL 8 28.130 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000  DPERATING ENGINEER ALL 8 28.130 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000  DPERATING ENGINEER ALL 8 28.130 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000  DPERATING ENGINEER ALL 8 28.130 29.000 1.5 1.5 2.0 6.700 12.35 0.000 1.000 0	MACHINIST		BLD		38.390	40.390 2.0	0	2.0	2.0	4.880	6.550	2.650	0.000
MILLWRIGHT  MILLWRIGHT  MILLWRIGHT  MIY  28.480 30.230 1.5  1.5  2.0  5.300 4.000 0.000 0.350  MILLWRIGHT  MY  28.480 30.230 1.5  1.5  2.0  5.300 4.000 0.000 0.350  DPERATING ENGINEER  ALL 1 27.000 29.000 1.5  1.5  2.0  6.700 12.35 0.000 1.000 0PERATING ENGINEER  ALL 2 25.870 29.000 1.5  1.5  2.0  6.700 12.35 0.000 1.000 0PERATING ENGINEER  ALL 3 21.390 29.000 1.5  1.5  2.0  6.700 12.35 0.000 1.000 0PERATING ENGINEER  ALL 5 21.120 29.000 1.5  1.5  2.0  6.700 12.35 0.000 1.000 0PERATING ENGINEER  ALL 5 21.120 29.000 1.5  1.5  2.0  6.700 12.35 0.000 1.000 0PERATING ENGINEER  ALL 5 21.120 29.000 1.5  1.5  2.0  6.700 12.35 0.000 1.000 0PERATING ENGINEER  ALL 6 27.550 29.000 1.5  1.5  2.0  6.700 12.35 0.000 1.000 0PERATING ENGINEER  ALL 2 27.850 29.000 1.5  1.5  2.0  6.700 12.35 0.000 1.000 0PERATING ENGINEER  ALL 2 20.00 29.000 1.5  1.5  2.0  6.700 12.35 0.000 1.000 0PERATING ENGINEER  ALL 2 20.00 29.000 1.5  1.5  2.0  6.700 12.35 0.000 1.000 0PERATING ENGINEER  ALL 2 20.00 29.000 1.5  1.5  2.0  6.700 12.35 0.000 1.000 0PERATING ENGINEER  ALL 2 20.00 29.000 1.5  1.5  2.0  6.700 12.35 0.000 1.000 0PERATING ENGINEER  ALL 2 20.00 29.000 1.5  1.5  2.0  6.700 12.35 0.000 1.000 0PERATING ENGINEER  ALL 2 20.00 29.000 1.5  1.5  2.0  6.700 12.35 0.000 1.000 0PERATING ENGINEER  ALL 2 20.00 29.000 1.5  1.5  2.0  6.700 12.35 0.000 1.000 0PERATING ENGINEER  ALL 2 20.00 29.000 1.5  1.5  2.0  6.700 12.35 0.000 1.000 0PERATING ENGINEER  ALL 2 20.00 29.000 1.5  1.5  2.0  6.700 12.35 0.000 1.000 0PERATING ENGINEER  ALL 2 20.00 29.000 1.5  1.5  2.0  6.700 12.35 0.000 0	MARBLE FINISHERS		BLD		23.370	0.000 1.	5	1.5	2.0	5.200	4.400	0.000	0.410
MILLWRIGHT	MARBLE MASON		BLD		27.090	28.840 1.	5	1.5	2.0	5.250	8.450	2.000	0.400
OPERATING ENGINEER	MILLWRIGHT		BLD		28.530	30.030 1.	5	1.5	2.0	5.300	4.000	0.000	0.350
OPERATING ENGINEER	MILLWRIGHT		HWY		28.480	30.230 1.5	5	1.5	2.0	5.300	4.000	0.000	0.350
OPERATING ENGINEER	OPERATING ENGINEER		ALL	1	27.000	29.000 1.	5	1.5	2.0	6.700	12.35	0.000	1.000
OPERATING ENGINEER	OPERATING ENGINEER		ALL	2	25.870	29.000 1.	5	1.5	2.0	6.700	12.35	0.000	1.000
OPERATING ENGINEER	OPERATING ENGINEER		ALL	3	21.390	29.000 1.5	5	1.5	2.0	6.700	12.35	0.000	1.000
OPERATING ENGINEER	OPERATING ENGINEER		ALL	4	21.450	29.000 1.5	5	1.5	2.0	6.700	12.35	0.000	1.000
OPERATING ENGINEER	OPERATING ENGINEER		ALL	5	21.120	29.000 1.	5	1.5	2.0	6.700	12.35	0.000	1.000
OPERATING ENGINEER         ALL         8         28         1.5         2.0         6.700         12.35         0.000         1.000           PAINTER         ALL         22         0.000         22         500         1.5         1.5         2.0         4.750         5.170         0.000         0.280           PAINTER OVER 30FT         ALL         25         1.00         25         6.00         1.5         1.5         2.0         4.750         5.170         0.000         0.280           PAINTER PWR EQMT         ALL         25         1.00         25         6.00         1.5         1.5         2.0         4.750         5.170         0.000         0.280           PILEDRIVER         BLD         28         530         30         0.031         1.5         2.0         5.300         4.000         0.000         0.350           PILEDRIVER         BLD         28         530         30         0.23         1.5         2.0         5.300         4.000         0.000         0.355           PILEDRIVER         BLD         30         0.000         1.5         1.5         2.0         5.650         5.000         0.000         0.000           PLASTE	OPERATING ENGINEER		ALL	6	27.550	29.000 1.	5	1.5	2.0	6.700	12.35	0.000	1.000
PAINTER ALL 22.000 22.500 1.5 1.5 2.0 4.750 5.170 0.000 0.280 PAINTER OVER 30FT ALL 25.100 25.600 1.5 1.5 2.0 4.750 5.170 0.000 0.280 PAINTER PWR EQMT ALL 25.100 25.600 1.5 1.5 2.0 4.750 5.170 0.000 0.280 PILEDRIVER BLD 28.530 30.030 1.5 1.5 2.0 5.300 4.000 0.000 0.350 PILEDRIVER HWY 28.480 30.230 1.5 1.5 2.0 5.300 4.000 0.000 0.350 PILEDRIVER BLD 30.000 33.000 1.5 1.5 2.0 5.300 4.000 0.000 0.350 PILESTITER BLD 30.000 33.000 1.5 1.5 2.0 5.200 5.000 0.000 0.850 PLASTERER BLD 30.000 33.000 1.5 1.5 2.0 5.200 5.650 5.000 0.000 0.850 PLASTERER BLD 30.000 33.000 1.5 1.5 2.0 5.650 5.000 0.000 0.850 PLASTERER BLD 30.000 33.000 1.5 1.5 2.0 5.650 5.000 0.000 0.850 PLASTERER BLD 30.000 33.000 1.5 1.5 2.0 5.650 5.000 0.000 0.850 PLASTERER BLD 30.000 33.000 1.5 1.5 2.0 5.650 5.000 0.000 0.850 PLASTERER BLD 30.000 33.000 1.5 1.5 2.0 6.700 3.800 0.000 0.850 PLASTERER BLD 30.000 33.000 1.5 1.5 2.0 5.650 5.000 0.000 0.850 PLASTERER BLD 30.000 33.000 1.5 1.5 2.0 6.700 3.800 0.000 0.000 0.000 PLASTERER BLD 30.000 30.000 1.5 1.5 2.0 6.350 5.650 1.690 0.260 PLASTERER BLD 35.140 37.690 1.5 1.5 2.0 6.350 5.650 1.690 0.260 PLASTERER BLD 30.000 1.5 1.5 2.0 6.350 5.650 1.690 0.260 PLASTERER BLD 30.000 1.5 1.5 2.0 8.600 3.925 0.000 0.000 PLASTERERAZZO MASON BLD 32.530 32.830 1.5 1.5 2.0 8.600 3.925 0.000 0.000 PLASTERERAZZO MASON BLD 32.530 32.830 1.5 1.5 2.0 8.600 3.925 0.000 0.000 PLASTERERAZZO MASON BLD 32.530 32.830 1.5 1.5 2.0 8.600 3.925 0.000 0.000 PLASTERERAZZO MASON BLD 32.530 0.000 1.5 1.5 2.0 8.600 3.925 0.000 0.000 PLASTERERAZZO MASON BLD 32.530 0.000 1.5 1.5 2.0 8.600 3.925 0.000 0.000 PLASTERERAZZO MASON BLD 32.530 0.000 1.5 1.5 2.0 8.600 3.925 0.000 0.000 PLASTERERAZZO MASON BLD 32.530 0.000 1.5 1.5 2.0 8.600 3.925 0.000 0.000 PLASTERERAZZO MASON BLD 32.530 0.000 1.5 1.5 2.0 8.600 3.925 0.000 0.000 PLASTERERAZZO MASON BLD 32.530 0.000 1.5 1.5 2.0 8.600 3.925 0.000 0.000 PLASTERERAZZO MASON BLD 32.530 0.000 1.5 1.5 2.0 8.600 3.925 0.000 0.000 PLASTERERAZZO MASON BLD 32.530 0.000 1.5 1.5 2.0 8.600 3.925 0.000 0.000 PLASTERER	OPERATING ENGINEER		ALL	7	27.850	29.000 1.	5	1.5	2.0	6.700	12.35	0.000	1.000
PAINTER OVER 30FT ALL 25.100 25.600 1.5 1.5 2.0 4.750 5.170 0.000 0.280 PAINTER PWR EQMT ALL 25.100 25.600 1.5 1.5 2.0 4.750 5.170 0.000 0.280 PILEDRIVER BLD 28.530 30.030 1.5 1.5 2.0 5.300 4.000 0.000 0.350 PILEDRIVER HWY 28.480 30.230 1.5 1.5 2.0 5.300 4.000 0.000 0.350 PILEDRITTER BLD 30.000 33.000 1.5 1.5 2.0 5.650 5.000 0.000 0.850 PLASTERER BLD 30.000 33.000 1.5 1.5 2.0 5.650 5.000 0.000 0.850 PLUMBER BLD 30.000 33.000 1.5 1.5 2.0 5.650 5.000 0.000 0.850 ROOFER BLD 21.200 22.200 1.5 1.5 2.0 5.650 5.000 0.000 0.850 SHEETMETAL WORKER BLD 35.140 37.690 1.5 1.5 2.0 6.350 5.650 1.690 0.260 SPRINKLER FITTER BLD 35.140 37.690 1.5 1.5 2.0 6.350 5.650 1.690 0.260 SPRINKLER FITTER BLD 31.240 0.000 1.5 1.5 2.0 0.000 0.000 0.000 TERRAZZO FINISHER BLD 32.530 32.830 1.5 1.5 2.0 0.000 0.000 0.000 0.000 TERRAZZO MASON BLD 32.530 32.830 1.5 1.5 2.0 0.000 0.000 0.000 0.000 TRUCK DRIVER ALL 1 27.580 0.000 1.5 1.5 2.0 8.600 3.925 0.000 0.000 TRUCK DRIVER ALL 2 27.980 0.000 1.5 1.5 2.0 8.600 3.925 0.000 0.000 TRUCK DRIVER ALL 4 28.430 0.000 1.5 1.5 2.0 8.600 3.925 0.000 0.000 TRUCK DRIVER ALL 5 29.180 0.000 1.5 1.5 2.0 8.600 3.925 0.000 0.000 TRUCK DRIVER O&C 1 22.060 0.000 1.5 1.5 2.0 8.600 3.925 0.000 0.000 TRUCK DRIVER O&C 2 22.380 0.000 1.5 1.5 2.0 8.600 3.925 0.000 0.000 TRUCK DRIVER O&C 2 22.380 0.000 1.5 1.5 2.0 8.600 3.925 0.000 0.000 TRUCK DRIVER O&C 2 22.380 0.000 1.5 1.5 2.0 8.600 3.925 0.000 0.000 TRUCK DRIVER O&C 2 22.380 0.000 1.5 1.5 2.0 8.600 3.925 0.000 0.000 TRUCK DRIVER O&C 2 22.380 0.000 1.5 1.5 2.0 8.600 3.925 0.000 0.000	OPERATING ENGINEER		ALL	8	28.130	29.000 1.	5	1.5	2.0	6.700	12.35	0.000	1.000
PAINTER PWR EQMT	PAINTER		ALL		22.000	22.500 1.	5	1.5	2.0	4.750	5.170	0.000	0.280
PILEDRIVER         BLD         28.530         30.030         1.5         2.0         5.300         4.000         0.000         0.350           PILEDRIVER         HWY         28.480         30.230         1.5         1.5         2.0         5.300         4.000         0.000         0.350           PIPEFITTER         BLD         30.000         33.000         1.5         1.5         2.0         5.650         5.000         0.000         0.850           PLASTERER         BLD         23.500         24.500         1.5         1.5         2.0         5.650         5.000         0.000         0.850           PLUMBER         BLD         30.000         33.000         1.5         1.5         2.0         5.650         5.000         0.000         0.850           ROOFER         BLD         21.200         22.200         1.5         1.5         2.0         6.700         3.800         0.000         0.000           SHEETMETAL WORKER         ALL         28.080         29.580         1.5         1.5         2.0         6.700         3.800         0.000         0.260           SPRINKLER FITTER         BLD         35.140         37.690         1.5         1.5         2.0	PAINTER OVER 30FT		ALL		25.100	25.600 1.	5	1.5	2.0	4.750	5.170	0.000	0.280
PILEDRIVER         HWY         28.480         30.230         1.5         2.0         5.300         4.000         0.000         0.350           PIPEFITTER         BLD         30.000         33.000         1.5         1.5         2.0         5.650         5.000         0.000         0.850           PLASTERER         BLD         23.500         24.500         1.5         1.5         2.0         5.650         5.000         0.000         0.100           PLUMBER         BLD         30.000         33.000         1.5         1.5         2.0         5.650         5.000         0.000         0.850           ROOFER         BLD         21.200         22.200         1.5         1.5         2.0         6.700         3.800         0.000         0.000           SHEETMETAL WORKER         ALL         28.080         29.580         1.5         1.5         2.0         6.350         5.650         1.690         0.260           SPRINKLER FITTER         BLD         35.140         37.690         1.5         1.5         2.0         6.350         5.650         1.690         0.260           TERRAZZO MASON         BLD         32.530         32.830         1.5         1.5 <td< td=""><td>PAINTER PWR EQMT</td><td></td><td>ALL</td><td></td><td>25.100</td><td>25.600 1.</td><td>5</td><td>1.5</td><td>2.0</td><td>4.750</td><td>5.170</td><td>0.000</td><td>0.280</td></td<>	PAINTER PWR EQMT		ALL		25.100	25.600 1.	5	1.5	2.0	4.750	5.170	0.000	0.280
PIPEFITTER         BLD         30.000         33.000         1.5         2.0         5.650         5.000         0.000         0.850           PLASTERER         BLD         23.500         24.500         1.5         2.0         5.200         3.550         0.000         0.100           PLUMBER         BLD         30.000         33.000         1.5         1.5         2.0         5.650         5.000         0.000         0.850           ROOFER         BLD         21.200         22.200         1.5         1.5         2.0         6.700         3.800         0.000         0.000           SHEETMETAL WORKER         ALL         28.080         29.580         1.5         1.5         2.0         6.350         5.650         1.690         0.260           SPRINKLER FITTER         BLD         35.140         37.690         1.5         1.5         2.0         6.350         5.650         1.690         0.260           TERRAZZO FINISHER         BLD         31.240         0.000         1.5         1.5         2.0         0.000         0.000         0.000           TRUCK DRIVER         ALL         27.580         0.000         1.5         1.5         2.0         8.600	PILEDRIVER		BLD		28.530	30.030 1.	5	1.5	2.0	5.300	4.000	0.000	0.350
PLASTERER         BLD         23.500         24.500         1.5         2.0         5.200         3.550         0.000         0.100           PLUMBER         BLD         30.000         33.000         1.5         2.0         5.650         5.000         0.000         0.850           ROOFER         BLD         21.200         22.200         1.5         1.5         2.0         6.700         3.800         0.000         0.000           SHEETMETAL WORKER         ALL         28.080         29.580         1.5         1.5         2.0         6.350         5.650         1.690         0.260           SPRINKLER FITTER         BLD         35.140         37.690         1.5         1.5         2.0         6.350         5.650         1.690         0.260           SPRINKLER FITTER         BLD         31.240         0.000         1.5         1.5         2.0         6.350         5.650         1.690         0.260           TERRAZZO FINISHER         BLD         31.240         0.000         1.5         1.5         2.0         0.000         0.000         0.000           TRUCK DRIVER         ALL         1.27.580         0.000         1.5         1.5         2.0         8.600	PILEDRIVER		HWY		28.480	30.230 1.	5	1.5	2.0	5.300	4.000	0.000	0.350
PLUMBER         BLD         30.000         33.000         1.5         2.0         5.650         5.000         0.000         0.850           ROOFER         BLD         21.200         22.200         1.5         1.5         2.0         6.700         3.800         0.000         0.000           SHEETMETAL WORKER         ALL         28.080         29.580         1.5         1.5         2.0         6.350         5.650         1.690         0.260           SPRINKLER FITTER         BLD         35.140         37.690         1.5         1.5         2.0         7.000         6.200         0.000         0.250           TERRAZZO FINISHER         BLD         31.240         0.000         1.5         1.5         2.0         0.000         0.000         0.000           TERRAZZO MASON         BLD         32.530         32.830         1.5         1.5         2.0         0.000         4.250         0.000         0.000           TRUCK DRIVER         ALL         27.580         0.000         1.5         1.5         2.0         8.600         3.925         0.000         0.000           TRUCK DRIVER         ALL         27.980         0.000         1.5         1.5         2.0	PIPEFITTER		BLD		30.000	33.000 1.	5	1.5	2.0	5.650	5.000	0.000	0.850
ROOFER       BLD       21.200       22.200       1.5       1.5       2.0       6.700       3.800       0.000       0.000         SHEETMETAL WORKER       ALL       28.080       29.580       1.5       1.5       2.0       6.350       5.650       1.690       0.260         SPRINKLER FITTER       BLD       35.140       37.690       1.5       1.5       2.0       7.000       6.200       0.000       0.250         TERRAZZO FINISHER       BLD       31.240       0.000       1.5       1.5       2.0       0.000       0.000       0.000       0.000         TERRAZZO MASON       BLD       32.530       32.830       1.5       1.5       2.0       0.000       4.250       0.000       0.070         TRUCK DRIVER       ALL       1       27.580       0.000       1.5       2.0       8.600       3.925       0.000       0.000         TRUCK DRIVER       ALL       2       27.980       0.000       1.5       1.5       2.0       8.600       3.925       0.000       0.000         TRUCK DRIVER       ALL       2       2.7980       0.000       1.5       1.5       2.0       8.600       3.925       0.000       0.000 <td>PLASTERER</td> <td></td> <td>BLD</td> <td></td> <td>23.500</td> <td>24.500 1.</td> <td>5</td> <td>1.5</td> <td>2.0</td> <td>5.200</td> <td>3.550</td> <td>0.000</td> <td>0.100</td>	PLASTERER		BLD		23.500	24.500 1.	5	1.5	2.0	5.200	3.550	0.000	0.100
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SPRINKLER FITTER       BLD       35.140       37.690       1.5       2.0       7.000       6.200       0.000       0.250         TERRAZZO FINISHER       BLD       31.240       0.000       1.5       1.5       2.0       0.000       0.000       0.000       0.000         TERRAZZO MASON       BLD       32.530       32.830       1.5       1.5       2.0       0.000       4.250       0.000       0.070         TRUCK DRIVER       ALL       1       27.580       0.000       1.5       1.5       2.0       8.600       3.925       0.000       0.000         TRUCK DRIVER       ALL       2       27.980       0.000       1.5       1.5       2.0       8.600       3.925       0.000       0.000         TRUCK DRIVER       ALL       3       28.180       0.000       1.5       1.5       2.0       8.600       3.925       0.000       0.000         TRUCK DRIVER       ALL       4       28.430       0.000       1.5       1.5       2.0       8.600       3.925       0.000       0.000         TRUCK DRIVER       0&C       1       22.060       0.000       1.5       1.5       2.0       8.600       3.925       <	ROOFER		BLD		21.200	22.200 1.	5	1.5	2.0	6.700	3.800	0.000	0.000
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	TRUCK DRIVER		O&C	5	23.340	0.000 1.	5	1.5	2.0	8.600	3.925	0.000	0.000

Legend:

M-F>8 (Overtime is required for any hour greater than 8 worked each day, Monday through Friday.

OSA (Overtime is required for every hour worked on Saturday)

OSH (Overtime is required for every hour worked on Sunday and Holidays)

H/W (Health & Welfare Insurance)

Pensn (Pension)

Vac (Vacation)

Trng (Training)

## **Explanations**

MARION COUNTY

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial/Decoration Day, Fourth of July, Labor Day, Veterans Day, Thanksgiving Day, Christmas Day. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration such as the day after Thanksgiving for Veterans Day. If in doubt, please check with IDOL.

Oil and chip resealing (O&C) means the application of road oils and liquid asphalt to coat an existing road surface, followed by application of aggregate chips or gravel to coated surface, and subsequent rolling of material to seal the surface.

#### EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date.

ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

#### CERAMIC TILE FINISHER AND MARBLE FINISHER

The handling, at the building site, of all sand, cement, tile, marble or stone and all other materials that may be used and installed by [a] tile layer or marble mason. In addition, the grouting, cleaning, sealing, and mixing on the job site, and all other work as required in assisting the setter. The term "Ceramic" is used for naming the classification only and is in no way a limitation of the product handled. Ceramic takes into consideration most hard tiles.

#### ELECTRONIC SYSTEMS TECHNICIAN

Installation, service and maintenance of low-voltage systems which utilizes the transmission and/or transference of voice, sound, vision, or digital for commercial, education, security and entertainment

purposes for the following: TV monitoring and surveillance, background/foreground music, intercom and telephone interconnect, field programming, inventory control systems, microwave transmission, multi-media, multiplex, radio page, school, intercom and sound burglar alarms and low voltage master clock systems.

Excluded from this classification are energy management systems, life safety systems, supervisory controls and data acquisition systems not intrinsic with the above listed systems, fire alarm systems, nurse call systems and raceways exceeding fifteen feet in length.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION Class 1. Drivers on 2 axle trucks hauling less than 9 ton. Air compressor and welding machines and brooms, including those pulled by separate units, truck driver helpers, warehouse employees, mechanic helpers, greasers and tiremen, pickup trucks when hauling materials, tools, or workers to and from and on-the-job site, and fork lifts up to 6,000 lb. capacity.

- Class 2. Two or three axle trucks hauling more than 9 ton but hauling less than 16 ton. A-frame winch trucks, hydrolift trucks, vactor trucks or similar equipment when used for transportation purposes. Fork lifts over 6,000 lb. capacity, winch trucks, four axle combination units, and ticket writers.
- Class 3. Two, three or four axle trucks hauling 16 ton or more. Drivers on water pulls, articulated dump trucks, mechanics and working forepersons, and dispatchers. Five axle or more combination units.
- Class 4. Low Boy and Oil Distributors.
- Class 5. Drivers who require special protective clothing while employed on hazardous waste work.

TRUCK DRIVER - OIL AND CHIP RESEALING ONLY.

This shall encompass laborers, workers and mechanics who drive contractor or subcontractor owned, leased, or hired pickup, dump, service, or oil distributor trucks. The work includes transporting materials and equipment (including but not limited to, oils, aggregate supplies, parts, machinery and tools) to or from the job site; distributing oil or liquid asphalt and aggregate; stock piling material when in connection with the actual oil and chip contract. The Truck Driver (Oil & Chip Resealing) wage classification does not include supplier delivered materials.

#### OPERATING ENGINEERS

GROUP I. Cranes, Dragline, Shovels, Skimmer Scoops, Clamshells or Derrick Boats, Pile Drivers, Crane-Type Backhoes, Asphalt Plant Operators, Concrete Plant Operators, Dredges, Asphalt Spreading Machines, All Locomotives, Cable Ways, or Tower Machines, Hoists, Hydraulic Backhoes, Ditching Machines or Backfiller, Cherrypickers, Overhead Cranes, Roller, Steam or Gas, Concrete Pavers, Excavators, Concrete Breakers, Concrete Pumps, Bulk Cement Plants, Cement Pumps, Derrick-Type Drills, Boat Operators, Motor Graders or Pushcats, Scoops or Tournapulls, Bulldozers, Endloaders or Fork Lifts, Power Blade or Elevating Graders, Winch Cats, Boom or Winch Trucks or Boom Tractors, Pipe Wrapping or Painting Machines, Asphalt Plant Engineer, Journeyman Lubricating Engineer, Drills (other than Derrick Type), Mud Jacks, or Well Drilling Machines, Boring Machines or Track Jacks, Mixers, Conveyors (Two), Air Compressors (Two), Water Pumps regardless of size (Two), Welding Machines (Two), Siphons or Jets

(Two), Winch Heads or Apparatuses (Two), Light Plants (Two), Waterblasters (two), All Tractors regardless of size (straight tractor only), Fireman on Stationary Boilers, Automatic Elevators, Form Grading Machines, Finishing Machines, Power Sub-Grader or Ribbon Machines, Longitudinal Floats, Distributor Operators on Trucks, Winch Heads or Apparatuses (One), Mobil Track air and heaters (two to five), Heavy Equipment Greaser, Relief Operator, Assistant Master Mechanic and Heavy Duty Mechanic, all Operators (except those listed below).

GROUP II. Assistant Operators.

GROUP III. Air Compressors (One), Water Pumps, regardless of Size (One), Waterblasters (one), Welding Machine (One), Mixers (One Bag), Conveyor (One), Siphon or Jet (One), Light Plant (One), Heater (One), Immobile Track Air (One), and Self Propelled Walk-Behind Rollers.

GROUP IV. Asphalt Spreader Oilers, Fireman on Whirlies and Heavy Equipment Oilers, Truck Cranes, Dredges, Monigans, Large Cranes - (Over 65-ton rated capacity) Concrete Plant Oiler, Blacktop Plant Oiler, and Creter Crane Oiler (when required).

GROUP V. Oiler.

GROUP VI. Master Mechanics, Operators on equipment with Booms, including jibs, 100 feet and over, and less than 150 feet long.

GROUP VII. Operators on equipment with Booms, including jibs, 150 feet and over, and less than 200 feet long.

GROUP VIII. Operators on Equipment with Booms, including jibs, 200 feet and over; Tower Cranes; Whirlie Cranes; and Operator Foreman.

#### TERRAZZO FINISHER

The handling of all materials used for Mosaic and Terrazzo work including preparing, mixing by hand, by mixing machine or transporting of pre-mixed materials and distributing with shovel, rake, hoe, or pail, all kinds of concrete foundations necessary for Mosaic and Terrazzo work, all cement terrazzo, magnesite terrazzo, Do-O-Tex terrazzo, epoxy matrix ter-razzo, exposed aggregate, rustic or rough washed for exterior or interior of buildings placed either by machine or by hand, and any other kind of mixture of plastics composed of chips or granules when mixed with cement, rubber, neoprene, vinyl, magnesium chloride or any other resinous or chemical substances used for seamless flooring systems, and all other building materials, all similar materials and all precast terrazzo work on jobs, all scratch coat used for Mosaic and Terrazzo work and sub-bed, tar paper and wire mesh (2x2 etc.) or lath. The rubbing, grinding, cleaning and finishing of same either by hand or by machine or by terrazzo resurfacing equipment on new or existing floors. When necessary finishers shall be allowed to assist the mechanics to spread sand bed, lay tarpaper and wire mesh (2x2 etc.) or lath. The finishing of cement floors where additional aggregate of stone is added by spreading or sprinkling on top of the finished base, and troweled or rolled into the finish and then the surface is ground by grinding machines.

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available.

If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 618/993-7271 for wage rates or clarifications.

#### LANDSCAPING

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.