#### 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 downloading and/or ordering CD-ROM's and are 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, signed and notarized, "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 bidder check IDOT's website <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 related 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 garmantr@dot.il.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
Electronic plans and proposals	(217)524-1642

#### ADDENDUMS AND REVISIONS TO THE PROPOSAL FORMS

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

# 161

Proposal Submitted By	
Name	
Address	
City	

#### **Letting June 15, 2007**

#### 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. 64D30 LEE County Section D2 SPRING RS 2007-1 District 2 Construction Funds Route FAP 561

PLEASE MARK THE APPROPRIATE BOX BELOW:
A Bid Bond is included.
A <u>Cashier's Check</u> or a <u>Certified Check</u> 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. 64D30 LEE County	

LEE County
Section D2 SPRING RS 2007-1
Route FAP 561
District 2 Construction Funds

TO THE DEPARTMENT OF TRANSPORTATION

0.81 mile of 60 feet and various width milling and resurfacing on IL Route 2 from west of Page Drive to west of IL Route 26/U.S. Route 52 in Dixon.

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:

	Amount o	of Bid	Proposal <u>Guaranty</u>		Amount o	Proposal of Bid <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.

County

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

BD 354 (Rev. 11/2001)

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 - 64D30

State Job # - C-92-104-07 PPS NBR - 2-14700-0000

County Name - LEE- Code - 103 - District - 2 - -

Section Number - D2 SPRING RS 2007-1

Project Number	Route
	FAP 561

Item Number	Pay Item Description	Unit of Measure	Quantity	X	Unit Price	=	Total Price
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000				
Z0028415	GEOTECHNICAL REINF	SQ YD	196.000				
Z0028700	GRAN SUBGRADE REPL	CU YD	33.000				
40600200	BIT MATLS PR CT	TON	18.100				
40600300	AGG PR CT	TON	47.300				
40600535	LEV BIND HM N70	TON	16.000				
40600635	LEV BIND MM N70	TON	1,896.000				
40600990	TEMPORARY RAMP	SQ YD	528.000				
40601005	HMA REPL OVER PATCH	TON	234.000				
40603340	HMA SC "D" N70	TON	2,275.000				
40603590	PHMA SC "F" N70	TON	414.000				
44000155	HMA SURF REM 11/2	SQ YD	4,484.000				
44000159	HMA SURF REM 2 1/2	SQ YD	27,081.000				
44000500		FOOT	125.000				
44002210	HMA RM OV PATCH 2 1/2	SQ YD	1,239.000				

## ILLINOIS DEPARTMENT OF TRANSPORTATION SCHEDULE OF PRICES CONTRACT NUMBER - 64D30

State Job # - C-92-104-07 PPS NBR - 2-14700-0000

County Name - LEE- - Code - 103 - - District - 2 - -

Section Number - D2 SPRING RS 2007-1

Project Number	Route
	FAP 561

Item Number	Pay Item Description	Unit of Measure	Quantity	х	Unit Price	=	Total Price
44200120	PAVT PATCH T2 10	SQ YD	17.000				
44200124	PAVT PATCH T3 10	SQ YD	121.000				
44200126	PAVT PATCH T4 10	SQ YD	58.000				
60255500	MAN ADJUST	EACH	3.000				
60255800	MAN ADJ NEW T1F CL	EACH	1.000				
60260100	INLETS ADJUST	EACH	2.000				
60605000	COMB CC&G TB6.24	FOOT	125.000				
67100100	MOBILIZATION	L SUM	1.000				
70102620	TR CONT & PROT 701501	L SUM	1.000				
70102622	TR CONT & PROT 701502	L SUM	1.000				
70102625	TR CONT & PROT 701606	L SUM	1.000				
70102632		L SUM	1.000				
70102635		L SUM	1.000				
70102640		L SUM	1.000				
	TR CONT SURVEILLANCE	CAL DA	5.000				

## ILLINOIS DEPARTMENT OF TRANSPORTATION SCHEDULE OF PRICES CONTRACT NUMBER - 64D30

State Job # - C-92-104-07 PPS NBR - 2-14700-0000

County Name - LEE- -

Code - 103 - - District - 2 - -

Section Number - D2 SPRING RS 2007-1

Project Number	Route
	FAP 561

ltem Number	Pay Item Description	Unit of Measure	Quantity	X	Unit Price	=	Total Price
70300100	SHORT-TERM PAVT MKING	FOOT	3,223.000				
70301000	WORK ZONE PAVT MK REM	SQ FT	358.000				
78000100	THPL PVT MK LTR & SYM	SQ FT	734.000				
78000200	THPL PVT MK LINE 4	FOOT	10,985.000				
78000400	THPL PVT MK LINE 6	FOOT	1,719.000				
78000500	THPL PVT MK LINE 8	FOOT	1,617.000				
78000600		FOOT	388.000				
78000650	THPL PVT MK LINE 24	FOOT	475.000				
78100100		EACH	315.000				
78300200		EACH	315.000				
	DET LOOP SPL	FOOT	3,700.000				

CONTRACT NUMBER	64D30
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 \$150,700.00. Sixty percent of the salary is \$90,420.00.

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. Drug Free Workplace

- 1. The Illinois "Drug Free Workplace Act" applies to this contract and it is necessary to comply with the provisions of the "Act" if the contractor is a corporation, partnership, or other entity (including a sole proprietorship) which has 25 or more employees.
- 2. The bidder certifies that if awarded a contract in excess of \$5,000 it will provide a drug free workplace by:
- (a) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensation, possession or use of a controlled substance, including cannabis, is prohibited in the contractor's workplace; specifying the actions that will be taken against employees for violations of such prohibition; and notifying the employee that, as a condition of employment on such contract, the employee shall abide by the terms of the statement, and notify the employer of any criminal drug statute conviction for a violation occurring in the workplace no later than five (5) days after such conviction.
- (b) Establishing a drug free awareness program to inform employees about the dangers of drug abuse in the workplace; the contractor's policy of maintaining a drug free workplace; any available drug counseling, rehabilitation, and employee assistance programs; and the penalties that may be imposed upon employees for drug violations.
- (c) Providing a copy of the statement required by subparagraph (1) to each employee engaged in the performance of the contract and to post the statement in a prominent place in the workplace.
- (d) Notifying the Department within ten (10) days after receiving notice from an employee or otherwise receiving actual notice of the conviction of an employee for a violation of any criminal drug statute occurring in the workplace.
- (e) Imposing or requiring, within 30 days after receiving notice from an employee of a conviction or actual notice of such a conviction, an appropriate personnel action, up to and including termination, or the satisfactory participation in a drug abuse assistance or rehabilitation program approved by a federal, state or local health, law enforcement or other appropriate agency.
- (f) Assisting employees in selecting a course of action in the event drug counseling, treatment, and rehabilitation is required and indicating that a trained referral team is in place.
- (g) Making a good faith effort to continue to maintain a drug free workplace through implementation of the actions and efforts stated in this certification.

#### 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.

#### 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 sign the following certification statement indicating that the information previously submitted by the bidder is, as of the date of signature, current and accurate. The Certification must be signed and dated by a person who is authorized to execute contracts for the bidding company. Before signing this certification, the bidder should carefully review its prior submissions to ensure the Certification is correct. If the Bidder signs the Certification, the Bidder should proceed to Form B instructions.

#### **CERTIFICATION STATEMENT**

ac	curate, and all forms a	are hereby incorporated b	rmation previously submi y reference in this bid. Ar rms are attached to this bi	ny necessary additional
-		(Bidding	Company)	
-	Name of Authorized Repre	esentative (type or print)	Title of Authorized Repre	esentative (type or print)
		Signature of Author	prized Representative	Date

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

D.

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 \$90,420.00? YES NO
3.	Does anyone in your organization receive more than \$90,420.00 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 \$90,420.00? 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 e authorize	answer to any of these questions requires the completion of Form A. The bidder must determine each individual in the bidding entity or the ntity's parent company that would cause the questions to be answered "Yes". Each form must be signed and dated by a person that is d to execute contracts for your organization. <b>Photocopied or stamped signatures are not acceptable</b> . The person signing can be, but have to be, the person for which the form is being completed. The bidder is responsible for the accuracy of any information provided.
If the ans a person	wer 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 that is authorized to execute contracts for your company.
bidding e	Identifying Other Contracts & Procurement Related Information  Disclosure Form B must be completed for each bid submitted by the ntity. It must be signed by an individual who is authorized to execute contracts for the bidding entity. Note: Signing the NOT INBLE STATEMENT On Form A does not allow the bidder to ignore Form B. Form B must be completed, signed and dated or the bidder onsidered nonresponsive and the bid will not be accepted.
ongoing	er 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 box on the bottom of Form B. If "Yes" is checked, the bidder must do one of the following:
agency p attached and are r	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 ending contracts, leases, bids, proposals, and other ongoing procurement relationships. These items may be listed on Form B or on an sheet(s). Do not include IDOT contracts. Contracts with cities, counties, villages, etc. are not considered State of Illinois agency contracts to be included. Contracts with other State of Illinois agencies such as the Department of Natural Resources or the Capital Development ust be included. Bidders who submit Affidavits of Availability are suggested to use Option II.
"See Afficagency p	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 davit of Availability" which indicates that the Affidavit of Availability is incorporated by reference and includes all non-IDOT State of Illinois ending contracts, leases, bids, proposals, and other ongoing procurement relationships. For any contracts that are not covered by the f 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
	ubmitting multiple bids may submit one set of forms consisting of all required Form A disclosures and one Form B for use with all bids. dicate in the space provided below the bid item that contains the original disclosure forms and the bid items which incorporate the forms nce.
	e bid submitted for letting item contains the Form A disclosures or Certification Statement and the Form B closures. 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)
Disclosure of the information contained in the 30 ILCS 500). Vendors desiring to enter interest and potential conflict of interest information as the publicly available contract file. This Founded contracts. A publicly traded comparts action of the requirements set forth	to a contract with the State of Illinois as specified in this Disclosure Form rm A must be completed for bids in a pany may submit a 10K disclo	s must disclose the financial information. This information shall become part of in excess of \$10,000, and for all open sure (or equivalent if applicable) in Instructions.
1. Disclosure of Financial Information. terms of ownership or distributive income s \$90,420.00 (60% of the Governor's salary a separate Disclosure Form A for each inc FOR INDIVIDUAL (type or print informa NAME:	hare in excess of 5%, or an interest as of 7/1/01). (Make copies of this lividual meeting these requireme	which has a value of more than form as necessary and attach a
ADDRESS		
Type of ownership/distributable inco	me share:	
stock sole proprietorship % or \$ value of ownership/distributable i		other: (explain on separate sheet):
2. Disclosure of Potential Conflicts of In potential conflict of interest relationships ap and describe.		
(a) State employment, currently or in t		ractual employment of services. YesNo
If your answer is yes, please answe	er each of the following questions.	
<ol> <li>Are you currently an officer Highway Authority?</li> </ol>	r or employee of either the Capitol D	Development Board or the Illinois Toll YesNo
currently appointed to or er	ed to or employed by any agency of the State % of the Governor's salary as of 7/	of Illinois, and your annual salary

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 \$90,420.00, (60% of the Governor's salary as of 7/1 (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	/01) 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 \$90,420.00, (60% of the Governor's salary as of 7/1 or minor children entitled to receive (i) more than 15 % in the aggrincome of your firm, partnership, association or corporation, or (ii) are the salary of the Governor?	/01) are you and your spouse egate of the total distributable
•	oyment of spouse, father, mother, son, or daughter, including contractious 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 emplo 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 7/1/01) provide the name of your spouse a of the State agency for which he/she is employed and his/her annual	pointed to or employed by any ds \$90,420.00, (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 \$90,420.00, (60% as of 7/1/01) 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 endestate of Illinois, and his/her annual salary exceeds \$90,420.00, (60% 7/1/01) are you and your spouse or minor children entitled to recapgregate 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
		YesNo
unit of	ve 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 yr daughter.	years; spouse, father, mother, YesNo
Ameri of the	ntive office; the holding of any appointive government office of the Staca, or any unit of local government authorized by the Constitution of the State of Illinois, which office entitles the holder to compensation in exceptange of that office currently or in the previous 3 years.	he State of Illinois or the statutes
` '	onship to anyone holding appointive office currently or in the previous 2 daughter.	2 years; spouse, father, mother, YesNo
(g) Emplo	byment, currently or in the previous 3 years, as or by any registered lob	obyist of the State government. YesNo

(h) Relationship to a son, or daughter.	nyone who is or was a registered lobbyist in the previous 2 years; spou YesNo	
committee regist	ployment, currently or in the previous 3 years, by any registered electered with the Secretary of State or any county clerk of the State of Illinor registered with either the Secretary of State or the Federal Board of Ele	ois, or any political ections.
last 2 years by ar county clerk of th	nyone; spouse, father, mother, son, or daughter; who was a compensative registered election or re-election committee registered with the Secrete State of Illinois, or any political action committee registered with either	etary of State or any er the Secretary of
	<del></del>	- <del></del> 
	APPLICABLE STATEMENT	
This Disclosure Fo	rm A is submitted on behalf of the INDIVIDUAL named on previous	page.
Completed by:		
	Name of Authorized Representative (type or print)	
Completed by:		
	Title of Authorized Representative (type or print)	
Completed by:		
	Signature of Individual or Authorized Representative	Date
	NOT APPLICABLE STATEMENT	
	that no individuals associated with this organization meet the crite tion of this Form A.	ria that would
This Disclosure Fo	rm A is submitted on behalf of the CONTRACTOR listed on the pre	vious page.
	Name of Authorized Representative (type or print)	
	Title of Authorized Representative (type or print)	
	Signature of Authorized Representative	Date

### ILLINOIS DEPARTMENT OF TRANSPORTATION

# Form B Other Contracts & Procurement Related Information Disclosure

		Disclosure	
Contractor Name			
Legal Address			
City, State, Zip			
Telephone Number	Email Address	Fax Number (if available)	
	ontained in this Form is required by the lall become part of the publicly availab for all open-ended contracts.		
DISCLOSURE O	F OTHER CONTRACTS AND PROC	UREMENT RELATED INFORMA	ATION
pending contracts (including leading l	cts & Procurement Related Informate eases), bids, proposals, or other ongoin No er only needs to complete the signature.	ng procurement relationship with	
	tify each such relationship by showing as bid or project number (attach addition		
	THE FOLLOWING STATEMENT N	MUST BE SIGNED	
	Name of Authorized Representation	ve (type or print)	
	Title of Authorized Representative	e (type or print)	
	Signature of Authorized Rep	resentative	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. 64D30 LEE County Section D2 SPRING RS 2007-1 Route FAP 561 District 2 Construction Funds

									Distr	ict 2	Cons	truction	ı Funa:	S			
PART I. IDENTIFIC	ATION																
Dept. Human Rights	Duration of Project:																
Name of Bidder:																	
PART II. WORKFO A. The undersigned which this contract wo projection including a	bidder h	as analyz e perform	ed mir ed, an	d for the	ne locati	ons fro	m whi	ch the b	idder re	cruits	employe	es, and he	reby subr	nits the fol	lowin cont	ng workfo	n orce
		TOTA	AL Wo	rkforce	Project	tion for	Contra	act						CURREN'			S
				MIN	ORITY I	EMPLC	YEES	;		TRA	AINEES					IGNED RACT	
JOB CATEGORIES	_	TAL OYEES	BL	ACK	HISP	ANIC	_	HER NOR.	APPI TIC		_	HE JOB INEES		OTAL LOYEES			ORITY OYEES
	М	F	М	F	М	F	М	F	М	F	М	F	М	F	1 1	М	F
OFFICIALS (MANAGERS)																	
SUPERVISORS																	
FOREMEN																<u> </u>	
CLERICAL EQUIPMENT																<u> </u>	
OPERATORS																	
MECHANICS																	
TRUCK DRIVERS																<del> </del>	
IRONWORKERS																<u> </u>	
CARPENTERS																	
CEMENT MASONS																	
ELECTRICIANS															4	<del>                                     </del>	
PIPEFITTERS, PLUMBERS																<u> </u>	
PAINTERS LABORERS,															_	<del>                                     </del>	
SEMI-SKILLED LABORERS.															-	<u> </u>	
UNSKILLED															_	<u> </u>	
TOTAL																	
		BLE C							<b>-</b>		F	OR DEPA	RTMEN	T USE O	NLY		
		aining Pro	ojectio	n for C	ontract		1 *^	THER	-								
EMPLOYEES IN	EMPL	OYEES		ACK		ANIC	MI	THER NOR.	_								
TRAINING  APPRENTICES	М	F	М	F	M	F	М	F	-								

\*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.

Note: See instructions on the next page

BC 1256 - Pg 1 (Rev. 3/98) IL 494-0454

Contract No. 64D30 LEE County Section D2 SPRING RS 2007-1 Route FAP 561 District 2 Construction Funds

#### PART II. WORKFORCE PROJECTION - continued

B.		ed in "Tot the unders							tal nu	mber	of <b>ne</b>	w hi	res t	hat	would	be (	emplo	oyed ii	n the
	be i	ndersigne recruited	from	the	area	t: (nui in v _ new	which	the	cor	ntract	pro	ject	is	loc	ated;	an	d/or	nires v (nun s's prin	nber)
	office	or base of	operation	on is lo	ocated.														
C.		ed in "Tota signed bid																ectly b	y the
	The undersigned bidder estimates that (number) persons we be directly employed by the prime contractor and that (number) persons will be employed by subcontractors.										s will vill be								
PART	III. AFF	IRMATIVE	E ACTIO	N PL	AN														
A.	utiliza in any comm (geare utiliza	ndersigner tion project job categor encement ed to the tion are co	tion inclusions, and of work complet or complet or complet.	uded of the state	under <b>P</b> ne even velop a tages o h Affirm	PART II It that that the subset of the subse	l is det the un omit a contra	termin dersig writte ct) wh	ed to ned k n Affi nereby	be an oidder irmativ / defid	unde is av e Ac cienci	rutiliz /arde tion es in	ation d this Plan min	of r s co incl ority	minorit ntract uding and/	y pe he/s a sp or fe	rsons she v pecific male	or wo vill, pri c time empl	omen ior to table loyee
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Comp	any									Tele	phone	e Nur	nber						
Addre	 ess																		
Ī						NOTIO	CE RE	GARD	NG SI	GNAT	URE								
		der's signat be comple						will co	nstitute	the si	igning	of thi	s form	n. Th	ne follo	wing	signa	ture bl	ock
	Signatu	re:						_	Title: _					_	Date:				-
Instruct	tions:	All tables m	nust include	e subco	ontractor	personne	el in add	dition to	prime o	contract	or pers	onnel.							
Table A	۸ -	Include bot (Table B) th should inclu	nat will be	allocate	ed to con	tract wor	rk, and	include	all app	rentices	and c	n-the-	job tra	inees	. The '	'Total	Emplo	yees" c	
Table E	3 -	Include all e		curren	itly emplo	yed that	will be	allocate	d to the	e contra	ct wor	k inclu	ding a	ny ap	prentice	es and	d on-th	e-job tra	ainees
Table 0																			

Contract No. 64D30 LEE County Section D2 SPRING RS 2007-1 Route FAP 561 District 2 Construction Funds

#### PROPOSAL SIGNATURE SHEET

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

	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



#### Division of Highways Proposal Bid Bond

(Effective November 1, 1992)

Item No.		
	Letting Date	
KNOW ALL MEN BY THESE PRESENTS, That We		
RIVOW FILE MEN BY THE SET RESERVES, That We	<del>-</del>	
as PRINCIPAL, and		
	as SURETY, are	
Article 102.09 of the "Standard Specifications for Road and Brid	INOIS in the penal sum of 5 percent of the total bid price, or for the amount specified in ge Construction" in effect on the date of invitation for bids, whichever is the lesser sum, well ment of which we bind ourselves, our heirs, executors, administrators, successors and assigns.	
	IS SUCH, That Whereas, the PRINCIPAL has submitted a bid proposal to the STATE OF the improvement designated by the Transportation Bulletin Item Number and Letting Date	
the bidding and contract documents, submit a DBE Utilization Pl. PRINCIPAL shall enter into a contract in accordance with the ter coverages and providing such bond as specified with good and sulabor and material furnished in the prosecution thereof; or if, in the into such contract and to give the specified bond, the PRINCIPAL	d proposal of the PRINCIPAL; and if the PRINCIPAL shall, within the time and as specified in an that is accepted and approved by the Department; and if, after award by the Department, the rms of the bidding and contract documents including evidence of the required insurance afficient surety for the faithful performance of such contract and for the prompt payment of the event of the failure of the PRINCIPAL to make the required DBE submission or to enter L pays to the Department the difference not to exceed the penalty hereof between the amount the Department may contract with another party to perform the work covered by said bid shall remain in full force and effect.	
paragraph, then Surety shall pay the penal sum to the Depa	PRINCIPAL has failed to comply with any requirement as set forth in the preceding artment within fifteen (15) days of written demand therefor. If Surety does not make y bring an action to collect the amount owed. Surety is liable to the Department for tigation in which it prevails either in whole or in part.	
In TESTIMONY WHEREOF, the said PRINCIPAL officers this day of	L and the said SURETY have caused this instrument to be signed by their respective A.D.,	
PRINCIPAL	SURETY	
(Company Name)	(Company Name)	
By:	By:	
(Signature & Title)	(Signature of Attorney-in-Fact)	
Nota	ary Certification for Principal and Surety	
STATE OF ILLINOIS, COUNTY OF		
I,	, a Notary Public in and for said County, do hereby certify that	
and	· · · · · ·	
(Insert names of individual	uals signing on behalf of PRINCIPAL & SURETY)	
	sons whose names are subscribed to the foregoing instrument on behalf of person and acknowledged respectively, that they signed and delivered said ourposes therein set forth.	
Given under my hand and notarial seal this da	ay of, A.D	
My commission expires		
— —	Notary Public	
	Form, the Principal may file an Electronic Bid Bond. By signing below the Principal cuted and the Principal and Surety are firmly bound unto the State of Illinois under the	
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. 64D30 LEE County Section D2 SPRING RS 2007-1 Route FAP 561 District 2 Construction Funds



## Illinois Department of Transportation

#### NOTICE TO BIDDERS

- 1. TIME AND PLACE OF OPENING BIDS. Sealed proposals for the improvement described herein will be received by the Department of Transportation at the Harry R. Hanley Building, 2300 South Dirksen Parkway, in Springfield, Illinois until 10:00 o'clock a.m., June 15, 2007. 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. 64D30 LEE County Section D2 SPRING RS 2007-1 Route FAP 561 District 2 Construction Funds

0.81 mile of 60 feet and various width milling and resurfacing on IL Route 2 from west of Page Drive to west of IL Route 26/U.S. Route 52 in Dixon.

- 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, Acting Secretary

BD 351 (Rev. 01/2003)

FAP Route 561 (IL 2) Section D2 Spring RS 2007-1 Lee County Contract #64D30

## INDEX FOR SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2007

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

#### SUPPLEMENTAL SPECIFICATIONS

Std. Spec. Sec. Page No.

No Supplemental Specifications this year.

#### **RECURRING SPECIAL PROVISIONS**

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

CHE	CK S	SHEET#	PAGE NO
1		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)	3
3	Χ	EEO (Eff. 7-21-78) (Rev. 11-18-80)	4
4	Χ	Specific Equal Employment Opportunity Responsibilities	
		Non Federal-Aid Contracts (Eff. 3-20-69) (Rev. 1-1-94)	14
5	Χ	Required Provisions - State Contracts (Eff. 4-1-65) (Rev. 1-1-07)	19
6		Reserved	24
7		National Pollutant Discharge Elimination System Permit (Eff. 7-1-94) (Rev. 1-1-03)	25
8		Haul Road Stream Crossings, Other Temporary Stream Crossings, and	
		In-Stream Work Pads (Eff. 1-2-92) (Rev. 1-1-98)	26
9		Construction Layout Stakes Except for Bridges (Eff. 1-1-99) (Rev. 1-1-07)	27
10	Χ	Construction Layout Stakes (Eff. 5-1-93) (Rev. 1-1-07)	30
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)	35
13		Hot-Mix Asphalt Surface Removal (Cold Milling) (Eff. 11-1-87) (Rev. 1-1-07)	39
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)	42
16	Χ	Patching with Hot-Mix Asphalt Overlay Removal (Eff. 10-1-95) (Rev. 1-1-07)	
17		Polymer Concrete (Eff. 8-1-95) (Rev. 3-1-05)	45
18		PVC Pipeliner (Eff. 4-1-04) (Rev. 1-1-07)	47
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)	49
21		Bicycle Racks (Eff. 4-1-94) (Rev. 1-1-07)	
22		Temporary Modular Glare Screen System (Eff. 1-1-00) (Rev. 1-1-07)	55
23		Temporary Portable Bridge Traffic Signals (Eff. 8-1-03) (Rev. 1-1-07)	57
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)	60
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)	62
28		Calcium Chloride Accelerator for Portland Cement Concrete (Eff. 1-1-01)	63
29		Quality Control of Concrete Mixtures at the Plant-Single A (Eff. 8-1-00) (Rev. 1-1-04)	64
30		Quality Control of Concrete Mixtures at the Plant-Double A (Eff. 8-1-00) (Rev. 1-1-04)	
31		Quality Control/Quality Assurance of Concrete Mixtures (Eff. 4-1-92) (Rev. 1-1-07)	

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#### STATE OF ILLINOIS

#### SPECIAL PROVISIONS

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction," adopted January 1, 2007, the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways," and the "Manual of Test Procedures for Materials" in effect on the date of invitation for bids, and the Supplemental Specifications and Recurring Special Provisions indicated on the Check Sheet included herein which apply to and govern the construction of FAP Route 561 (IL 2), Section D2 Spring RS 2007-1, Lee County, Contract #64D30, and in case of conflict with any part or parts of said Specifications, the said Special Provisions shall take precedence and shall govern.

#### **LOCATION OF PROJECT**

IL Route 2 from West Page Park Drive to IL 26/US 52 in Dixon.

#### **DESCRIPTION OF PROJECT**

Patching, milling and resurfacing the existing IL 2 pavement from West Page Park Drive to IL 26/US 52.

#### TRAFFIC CONTROL PLAN

Effective January 14, 1999

Traffic Control shall be according to the applicable sections of the Standard Specifications for Road and Bridge Construction, the applicable guidelines contained in the National Manual on Uniform Traffic Control Devices for Streets and Highways, Illinois Supplement to the National Manual on Uniform Traffic Control Devices, these special provisions, and any special details and Highway Standards contained herein and in the plans.

Special attention is called to Articles 107.09 and 107.14 of the Standard Specifications for Road and Bridge Construction and the following Highway Standards relating to traffic control.

#### Standards:

701101	701426	701501	701502	701602	701606
701701	701801	702001	720011	728001	729001

#### Details:

District Standard 91.2 District Standard 94.2 Stay In Your Lane Sign

FAP Route 561 (IL 2) Section D2 Spring RS 2007-1 Lee County Contract #64D30

#### General:

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

#### Signs:

No additional bracing shall be allowed on post-mounted signs.

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

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

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

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

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

#### Devices:

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

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

#### Flaggers:

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

In addition to the flaggers shown on applicable standards, on major sideroads listed below, flaggers shall be required on all legs of the intersection. Major sideroads for this project shall be 4<sup>th</sup> Avenue, Peoria Avenue, Hennepin Avenue and IL 26/US 52.

#### Pavement Marking:

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

Highway Standards Application.

FAP Route 561 (IL 2) Section D2 Spring RS 2007-1 Lee County Contract #64D30

<u>Traffic Control and Protection Standard 701701</u>: This standard also applies when work is being performed in the right turn lane. Under these conditions, RIGHT TURN LANE CLOSED sign shall be substituted for LEFT TURN LANE CLOSED sign.

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

The Contractor shall be required to notify the Lee County Highway Department and/or corresponding Township Commissioner for any sideroad closure or opening.

The pavement milling, patching and resurfacing on mainline shall be completed using Traffic Control and Protection Standard 701602 and 701606.

The pavement striping on the project shall be completed using Traffic Control and Protection Standard 701426 and 701701.

The work on multi-lane sideroads shall be done using Traffic Control and Protection Standard 701502 and 701602. The work on two-lane sideroads shall be done using Traffic Control and Protection Standard 701501.

All lanes on mainline and sideroads shall be opened to traffic from 3:00 PM Friday until 9:00 PM Sunday, weekends, and Holidays unless prior approval is obtained form the Resident Engineer.

The mainline shall be kept open to one-way traffic in each direction during working hours. All lanes shall be kept open during non-working hours.

All patches will be completed before the milling operation.

When work is being performed on the IL 2 westbound lanes, both the inside westbound left-turn lane on IL 26/US 52 and the radius at the northeast quadrant of the intersection shall be closed as shown in the detail in the plans. The closure shall remain until all bituminous work on the westbound lanes of IL 2 is completed. This work shall be paid for at the contract unit price per Lump Sum for Traffic Control and Protection Standard 701602.

#### GEOTECHNICAL REINFORCEMENT

Revised September 1, 2004

#### Biaxial Geogrid Flat Installation

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

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

### Reinforcement and Interlock

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

Aperture Stability
 USACE\*
 2.7 in. – lb./deg. (min.)

Open Area
 COE Method Modified\*\* 70% (Nom.)

- \* Resistance to in-plane rotational movement measured by applying a 20 kg-cm moment to the central junction of a 9 inch x 9 inch specimen restrained at its perimeter (U.S. Army Corps of Engineers Methodology for measurement of Torsional Rigidity).
- \*\* Percent open area measured without magnification by Corps of Engineers method as specified in CW 02215 Civil Works Construction Guide, November, 1977.

### Structural Integrity:

•	Flexural Stiffness	ASTM D-5732-95 ***	0.2 inlb. (Min.)
	Junction Efficiency	GRI GG2-87****	90% (Min.)

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

### <u>Material</u>

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

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

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

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

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

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

### Installation:

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

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

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

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

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

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

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

### HOT-MIX ASPHALT REMOVAL OVER PATCHES 21/2"

Effective March 13, 2007

This work shall be done according to Section 440 of the Standard Specifications and as specified herein. The existing overlay south of the centerline of IL 2 is approximately  $2\frac{1}{2}$ ". The existing overlay north of the centerline of IL 2 varies and ranges from  $2\frac{1}{2}$ " up to  $5\frac{1}{2}$ ".

This work shall be paid for at the contract unit price per Square Yard for HOT-MIX ASPHALT REMOVAL OVER PATCHES 2½".

### **PAVEMENT PATCHING**

Effective: March 15, 2007

If the Contractor elects to use Class C Patching, then this work shall be done according to Section 442 and Article 1020-05 of the Standard Specifications. The special mix shall be used so that patches can be cured and opened to traffic on the same day the patches are constructed.

All costs incurred in conforming with this special provision shall be included in the contract unit price per Square Yard for PAVEMENT PATCHING of the type and thickness specified.

### **START DATE**

Effective: March 16, 2007

No work shall be started on this project until July 11, 2007.

### **DETECTOR LOOP, SPECIAL**

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

This item shall include replacing and conduit stubs damage during the surface grinding process.

For appropriate layout of detector loops the Illinois DOT, Bureau of Operations (Scott Kullerstrand 815/284-5468), shall be contacted prior to reinstallation to mark the detector loop locations.

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

### CEMENT (BDE)

Effective: January 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".

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 only be used from April 1 to October 15.

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 only be used from April 1 to October 15.

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 4.0% 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 quaranty, 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 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

Revise the fifth sentence 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)."

### **ERRATA FOR THE 2007 STANDARD SPECIFICATIONS (BDE)**

Effective: January 1, 2007 Revised: April 1, 2007

- Page 60 Article 109.07(a). In the second line of the first paragraph change "amount" to "quantity".
- Page 207 Article 406.14. In the second line of the second paragraph change "MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS, of the mixture composition specified;" to "MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS;".
- Page 345 Article 505.08(I). In the third line of the first paragraph change "1/8 mm" to "1/8 in.".
- Page 345 Article 505.08(I). In the nineteenth line of the first paragraph change "is" to "in".
- Page 383 Article 516.04(b)(1). In the fifth line of the first paragraph change "drillingpouring" to "pouring".
- Page 390 Article 520.02(h). Change "1027.021" to "1027.01".
- Page 398 Article 540.07(b). Add the following two paragraphs after the third paragraph:

"Excavation in rock will be measured for payment according to Article 502.12.

Removal and disposal of unstable and/or unsuitable material below plan bedding grade will be measured for payment according to Article 202.07."

Page 398 Article 540.08. Add the following two paragraphs after the fifth paragraph:

"Excavation in rock will be paid for according to Article 502.13.

Removal and disposal of unstable and/or unsuitable material below plan bedding grade will be paid for according to Article 202.08."

- Page 435 Article 542.04(b). Delete the last sentence of the last paragraph.
- Page 465 Article 551.06. In the second line of the first paragraph change "or" to "and/or".
- Page 585 Article 701.19(a). Add "701400" to the second line of the first paragraph.
- Page 586 Article 701.19(c). Delete "701400" from the second line of the first paragraph.
- Page 586 Article 701.19. Add the following subparagraph to this Article:
  - "(f) Removal of existing pavement markings and raised reflective pavement markers will be measured for payment according to Article 783.05."

- Page 587 Article 701.20(b). Delete "TRAFFIC CONTROL AND PROTECTION 701400;" from the first paragraph.
- Page 588 Article 701.20. Add the following subparagraph to this Article.
  - "(j) Removal of existing pavement markings and raised reflective pavement markers will be paid for according to Article 783.06."
- Page 762 Article 1020.04. In Table 1 Classes of Portland Cement Concrete and Mix Design Criteria, add to the minimum cement factor for Class PC Concrete "5.65 (TY III)", and add to the maximum cement factor for Class PC Concrete "7.05 (TY III)".
- Page 765 Article 1020.04. In Table 1 Classes of Portland Cement Concrete and Mix Design Criteria (metric), add to the minimum cement factor for Class PC Concrete "335 (TY III)", and add to the maximum cement factor for Class PC Concrete "418 (TY III)".
- Page 800 Article 1030.05(a)(12). Revise "Dust Collection Factor" to "Dust Correction Factor".
- Page 800 Article 1030.05(a)(14). Revise the first occurrence of Article 1030.05(a)(14) to Article 1030.05(a)(13).
- Page 809 Article 1030.05. Revise the subparagraph "(a) Quality Assurance by the Engineer." to read "(e) Quality Assurance by the Engineer.".
- Page 946 Article 1080.03(a)(1). In the third line of the first paragraph revise "(300  $\mu$ m)" to "(600  $\mu$ m)".
- Page 963 Article 1083.02(b). In the second line of the first paragraph revise "ASTM D 4894" to "ASTM D 4895".
- Page 1076 In the Index of Pay Items delete the pay item "BITUMINOUS SURFACE REMOVAL BUTT JOINT".

### HOT-MIX ASPHALT EQUIPMENT, SPREADING AND FINISHING MACHINE (BDE)

Effective: January 1, 2005 Revised: January 1, 2007

Revise the fourth paragraph of Article 1102.03 of the Standard Specifications to read:

"The paver shall be equipped with a receiving hopper having sufficient capacity for a uniform spreading operation. The hopper shall be equipped with a distribution system to uniformly place a non-segregated mixture in front of the screed. The distribution system shall have chain curtains, deflector plates, and /or other devices designed and built by the paver manufacturer to prevent segregation during distribution of the mixture from the hopper to the paver screed. The Contractor shall submit a written certification that the devices recommended by the paver manufacturer to prevent segregation have been installed and are operational. Prior to paving, the Contractor, in the presence of the Engineer, shall visually inspect paver parts specifically

identified by the manufacturer for excessive wear and the need for replacement. The Contractor shall supply a completed check list to the Engineer noting the condition of the parts. Worn parts shall be replaced. The Engineer may require an additional inspection prior to placement of the surface course or at other times throughout the work."

### **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.

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

Effective: January 1, 2007 Revised: April 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 ( $G_{mm}$ ) 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  $G_{mm}$ . Individual extraction test results, when compared to the averages, will be accepted if within the tolerances listed below.

Parameter	Homogeneous / Conglomerate	Conglomerate "D" Quality
1 in. (25 mm)		± 5 %
1/2 in. (12.5 mm)	± 8 %	± 15 %
No. 4 (4.75 mm)	±6%	± 13 %
No. 8 (2.36 mm)	± 5 %	
No. 16 (1.18 mm)		± 15 %
No. 30 (600 μm)	± 5 %	
No. 200 (75 μm)	± 2.0 %	± 4.0 %
Asphalt Binder	$\pm$ 0.4 % <sup>1/</sup>	± 0.5 %
G <sub>mm</sub>	± 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.

### Max RAP Percentage

HMA MIXTURES 1/, 3/	MAX	(IMUM % RAP	
Ndesign	Binder/Leveling Binder	Surface	Polymer 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

- 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. (Requied 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.

	nitial Minimum Coeffic ss/foot candle/sq ft (ca			erial
Observation	Entrance Angle			Fluorescent
Angle (deg.)	(deg.)	White	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:

Revise the third sentence of the first paragraph of Article 1106.02(d) 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."

<sup>&</sup>quot;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."

### SUBCONTRACTOR MOBILIZATION PAYMENTS (BDE)

Effective: April 2, 2005

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

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

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

### THERMOPLASTIC PAVEMENT MARKINGS (BDE)

Effective: January 1, 2007

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

"(2) Pigment. The pigment used for the white thermoplastic compound shall be a high-grade pure (minimum 93 percent) titanium dioxide (Ti0<sub>2</sub>). The white pigment content shall be a minimum of ten percent by weight and shall be uniformly distributed throughout the thermoplastic compound.

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

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

"e. Daylight Reflectance and Color. The thermoplastic compound after heating for four hours ± five minutes at 425 ± 3 °F (218.3 ± 2 °C) and cooled at 77 °F (25 °C) shall meet the following requirements for daylight reflectance and color, when tested, using a color spectrophotometer with 45 degree circumferential/zero degree geometry, illuminant C, and two degree observer angle. The color instrument shall measure the visible spectrum from 380 to 720 nm with a wavelength measurement interval and spectral bandpass of 10 nm. White: Daylight Reflectance .....75 percent min. \*Yellow: Daylight Reflectance .....45 percent min.

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

x 0.490 0.475 0.485 0.530 y 0.470 0.438 0.425 0.456"

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

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

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

### **WORKING DAYS (BDE)**

Effective: January 1, 2002

The Contractor shall complete the work within 40 working days.

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

Effective: November 2, 2006 Revised: January 2, 2007

<u>Description</u>. For projects with at least 1200 tons (1100 metric tons) of work involving applicable bituminous materials, cost adjustments will be made to provide additional compensation to the Contractor, or credit to the Department, for fluctuations in the cost of bituminous materials when optioned by the Contractor. The adjustments shall apply to permanent and temporary hot-mix asphalt (HMA) mixtures, bituminous surface treatments (cover and seal coats), and pavement preservation type surface treatments. The adjustments shall not apply to bituminous prime coats, tack coats, crack filling/sealing, or joint filling/sealing.

The bidder shall indicate on the attached form whether or not this special provision will be part of the contract and submit the completed form with his/her bid. Failure to submit the form, or failure to fill out the form completely, shall make this contract exempt of bituminous materials cost adjustments.

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

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

Where: CA = Cost Adjustment, \$.

BPI<sub>P</sub> = Bituminous Price Index, as published by the Department for the month the work is performed, \$/ton (\$/metric ton).

BPI<sub>L</sub> = Bituminous Price Index, as published by the Department for the month prior to the letting, \$/ton (\$/metric ton).

 $^{\circ}$ AC $_{\vee}$  = Percent of virgin Asphalt Cement in the Quantity being adjusted. For HMA mixtures, the  $^{\circ}$  AC $_{\vee}$  will be determined from the adjusted job mix formula. For bituminous materials applied, a performance graded or cutback asphalt will be considered to be 100% AC $_{\vee}$  and undiluted emulsified asphalt will be considered to be 65% AC $_{\vee}$ .

Q = Authorized construction Quantity, tons (metric tons) (see below).

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

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

Where: A = Area of the HMA mixture, sq yd (sq m).

D = Depth of the HMA mixture, in. (mm).

 $G_{mb}$  = Average bulk specific gravity of the mixture, from the approved mix design.

V = Volume of the bituminous material, gal (L).

SG = Specific Gravity of bituminous material as shown on the bill of lading.

<u>Basis of Payment</u>. Bituminous materials cost adjustments may be positive or negative but will only be made when there is a difference between the BPI<sub>L</sub> and BPI<sub>P</sub> in excess of five percent, as calculated by:

Percent Difference =  $\{(BPI_1 - BPI_P) \div BPI_1\} \times 100$ 

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

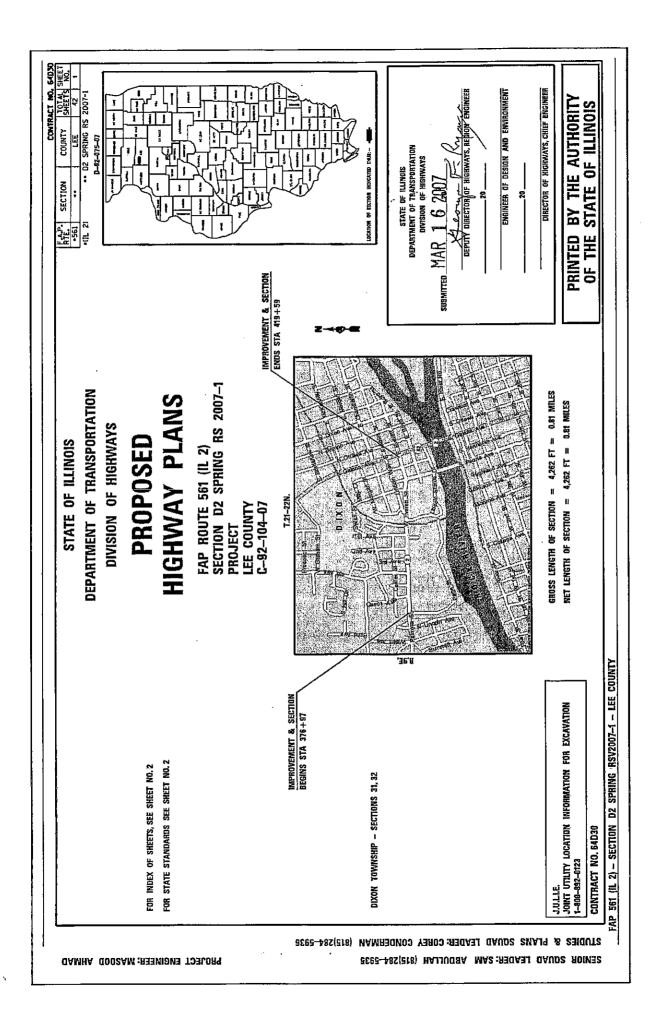
### Return With Bid

### ILLINOIS DEPARTMENT OF TRANSPORTATION

### OPTION FOR BITUMINOUS MATERIALS COST ADJUSTMENTS

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

Contract No.:			_	
Company Name:				
Contractor's Option	:			
Is your company opting	ng to include th	is spec	cial provision as part of the contract?	
Yes		No		
Signature:			Date:	



### STANDARDS STATE AND OF SHEETS INDEX

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### \*\*D2 SPRING RS 2007-1 (T 2)

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- PARTIAL DEPTH PAYEMENT PATCHING BITUMINOUS SCHEDULE
- PAVEMENT MARKING DETAILS PLAN SHEETS
- TRAFFIC CONTROL DEVICES
  STAY IN YOUR LANE DETAIL
  TYPICAL PAVEMENT MARKINGS (DIST STD 41.1)
  HOT-MIX ASPHALT APPROACHES AND MAILBOX
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LANE CLOSURE MULTI-LANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS 2 45 MPH URBAN LANE CLOSURE 2L, 2W UNDIVIDED URBAN LANE CLOSURE, 2L, 2W, WITH BI-DIRECTIONAL

JRBAN LANE CLOSURE, MULTI-LANE 2W WITH BI-DIRECTIONAL

EFT TURN LANE EFT TURN LANE

701602-02

701502-01

701606-04 701701-04 701801-03 702001-06

CLASS C AND D PATCHES OFF-ROAD OPERATIONS, MULTI-LANE, 4.5m (15') TO 600mm (24")

FROM PAVEMENT EDGE

701426-02 701501-03

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS

200001-04

442201-02

701101-01

STATE STANDARDS

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TYPICAL LAYOUT FOR DETECTOR LOOPS

DETECTOR LOOP INSTALLATIONS 'YPICAL PAVEMENT MARKINGS

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386006

886001

728001 729001

720011

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  ROUGH GROOVED SURFACE SIGN (DIST STD 91.2)
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  - - 4 %

SECTION D2 SPRING RS 2007-1 LEE COUNTY FAP ROUTE 561 (IL 2) To the second INDEX OF SHEETS - STATE STANDARDS

### **GENERAL NOTES**

The Contractor shall sod all areas disturbed by construction of the inlets and curb & gutter. This work shall be included in the contract unit price per Each for INLETS TO BE ADJUSTED.

Supplemental watering when needed as directed by the Engineer shall be included in the contract unit price per Each for INLETS TO BE ADJUSTED.

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

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

The following Mixture Requirements are applicable for this project:

	Page Dr. to Peoria Ave.			Peoria Ave. to End of Project
Mixture Uses(s):	Surface	Level Binder	Bit. over Patches Binder	Surface
PG:	PG 64-22	PG 64-22	PG 64-22	SBS PG 70-22
Design Air Voids	4.0 @ N70	4.0 @ N70	4.0 @ N70	4.0 @ N70
Mixture Composition (Gradation Mixture)	IL 9.5 or 12.5	IL 9.5	IL 19.0	IL 9.5 or 12.5
Friction Aggregate	D	N/A	N/A	F
20 Year ESAL	1.9	1.9	1.9	1.9
Mix Unit Weight	112 lbs/SY/IN			123 lbs/SY/IN

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

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

Lateral distances from the centerline on all inlets are to the face of the inlet.

The new manhole lids on this project shall have the word "STORM", "SANITARY", or "WATER" on the lid. The word to be used is noted on the plans. It will be the Contractor's responsibility to determine the word to be used on other lids not noted on the plans. No additional compensation will be allowed for this work.

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

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

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

Gallatin River Communications NICOR Gas Co.

Norlight Telecommunications

Commonwealth Edison Co. Insight Communications Dixon Water Dept.

City of Dixon Wastewater Collection and Treatment Facility

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

1. Seven (7) days prior to any work that may affect the operation of the detector loops, and for signal timing adjustments to be made for the construction period, notice shall be given to Scott Kullerstrand at the Illinois Department of Transportation, District 2, (815/284-5468).

2. Each detector loop shall have an individual conduit stub.

3. The detector loop cable from the end of the saw cut to the splice in the handhole shall be considered incidental to the cost of the detector loop.

# SUMMARY OF QUANTITES

FAP 564 (IL 2)
SECTION D2 SPRING RS 2007-4
LEE COUNTY
CONTRACT 64D30
SHEET 5 OF 42

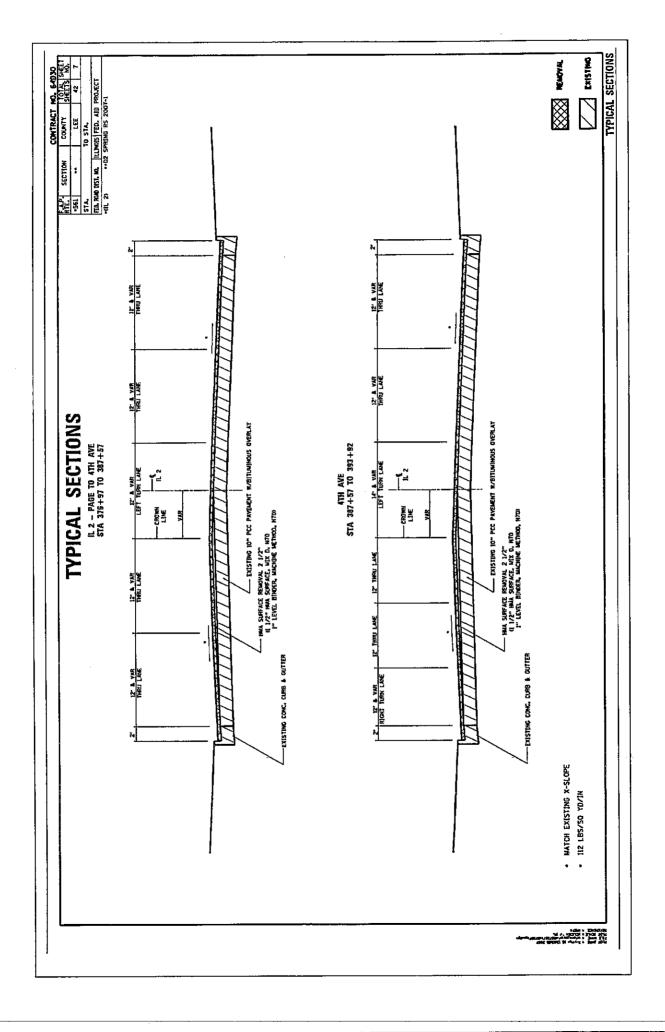
			SHEEL 5 OF 42	I000-2A
CODE	ITEM	TINO	TOTAL	URBAN 100% STATE
40600200	BITUMINOUS IMATERIALS (PRIME COAT)	NOT	18.1	18.1
40600300	AGGREGATE (PRIME COAT)	TON	47.3	47.3
40600535	LEVELING BINDER (HAND METHOD), N70	NOT	16	16
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	1,896	1,896
40600990	TEMPORARY RAMP	SQ YD	528	528
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	234	234
40603340	40603340 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	2,275	2,275
40603590	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N70	NOT	414	414
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 11/2"	SQYD	4,484	4,484
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQYD	27,081	27,081
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	125	125
44002210	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 2 1/2"	SQYD	1,239	1,239
44200120	PAVEMENT PATCHING, TYPE II, 10 INCH	SQYD	17	17
44200124	PAVEMENT PATCHING, TYPE III, 10 INCH	SQYD	121	121
44200126	PAVEMENT PATCHING, TYPE IV, 10 INCH	SQ YD	28	58
60255500	MANHOLES TO BE ADJUSTED	EACH	6	3
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	_	<b>-</b>
60260100	INLETS TO BE ADJUSTED	EACH	2	2
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	125	125
67100100	MOBILIZATION	L SUM	-	-
	THE PARTY OF THE P	-		

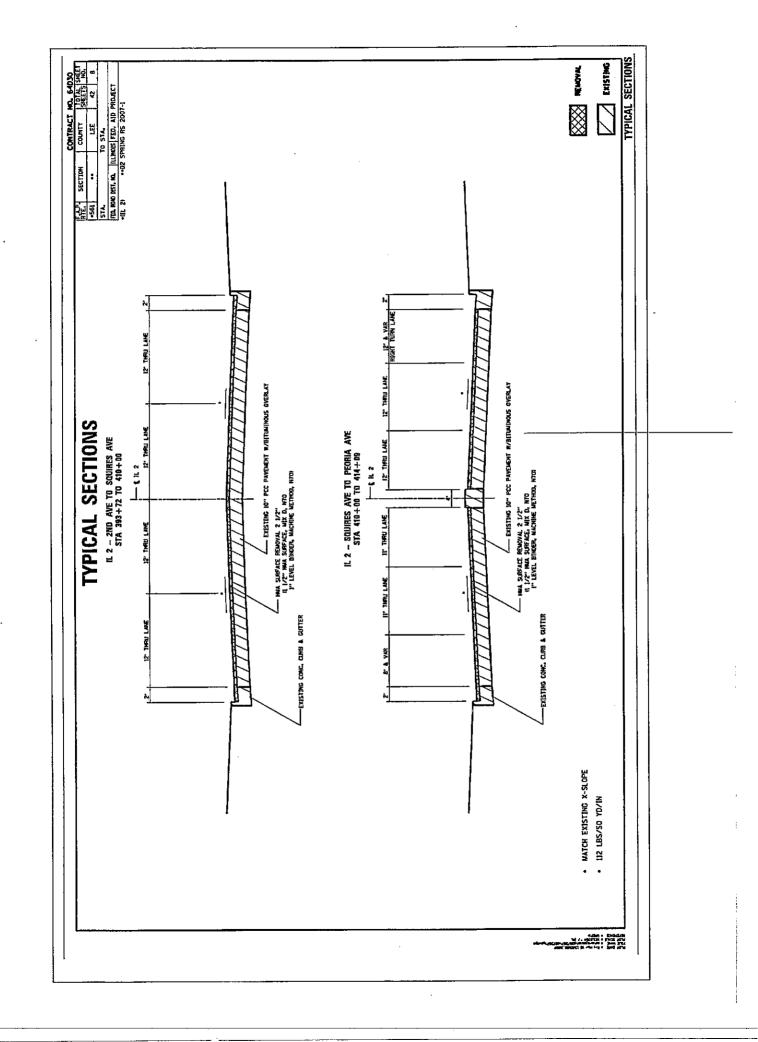
# SUMMARY OF QUANTITES

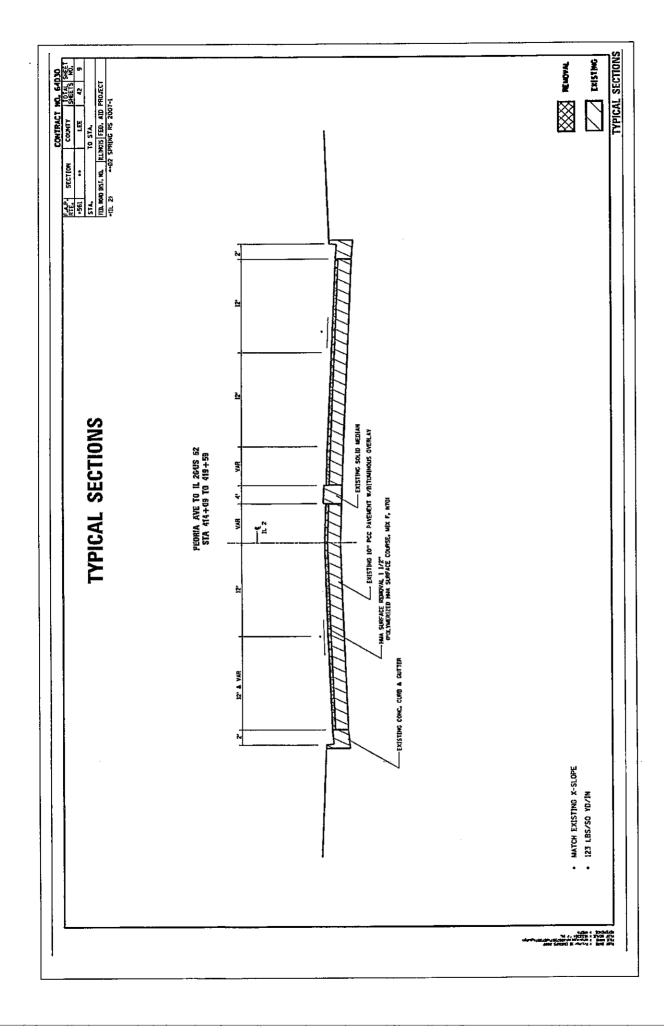
FAP 561 (IL 2)
SECTION D2 SPRING RS 2007-1
LEC COUNTY
CONTRACT 64D30
SHEET 6 OF 42
1000-24

			CONTRACT 64D30 SHEET 6 OF 42	1000-2A
CODE	ITEM	UNIT	TOTAL	URBAN 100% STATE
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	NOS 1	1	-
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	LSUM	•	1
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	ļ	-
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	LSUM	-	-
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1	-
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	_
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	2	5
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	3,223	3,223
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQFT	358	358
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	734	734
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	10,985	10,985
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,719	1,719
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1,617	1,617
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	388	388
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	475	475
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	315	315
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	ЕАСН	315	315
88600400	DETECTOR LOOP, SPECIAL	FOOT	3,700	3,700
Z0013798	CONSTRUCTION LAYOUT	L SUM	_	
Z0028415	GEOTECHNICAL REINFORCEMENT	SQYD	196	196
Z0028700	GRANULAR SUBGRADE REPLACEMENT	CUYD	33	33

\* SPECIALTY ITEM







### **Schedule of Quantities**

FAP 561 (IL 2) SECTION D2 SPRING RS 2007-1 LEE COUNTY CONTRACT 64D30 SHEET 10 OF 42

### 40600535 LEVELING BINDER (HAND METHOD), N70

TON LOCATION

16.0 As Needed & Directed by the R.E.
TOTAL

### 40600990 TEMPORARY RAMP

SQ YD	LOCATION
	IL 2 @ 10' Ramps
68.9	Sta 376 + 97
82.2	Sta 419 + 59
	SIDE STREETS @ 7.5' Ramps
26.7	W. Page Dr.
16.7	Carroll Ave.
17.8	Barker Ave.
32.8	4th Ave.
26.5	3rd Ave.
27.3	2nd Ave.
26.7	1st Ave.
16.7	Factory St.
16.7	Chuck Vail Dr.
23.5	Squires Ave.
37.1	Peoria Ave. (N)
50.8	Pecria Ave. (S)
30.5	Hennepin Ave. (N)
27.3	Hennepin Ave. (S)
528.2	TOTAL

### 44000155 HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2\*

<u>SQ YD</u>	LOCAL	<u>ION</u>		
	IL 2			
2,246.9	Sta	414 + 09	- 417 + 19	
1,678.9	Sta	417 + 19	- 419 + 59	
	SIDE S	TREETS		
260.7	Hennep	in Ave. (N)		
297.6	Hennepin Ave. (S)			
4,484.1	TOTAL			

### 44000159 HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"

<u>SQ YD</u>	LOCAT	<u>ION</u>	
	IL 2		
400.4	Sta	376 + 97	- 377 + 05
2,679.0	Sta	377 + 55	- 381 + 74
2,480.3	Sta	381 + 36	- 384 + 91
2,491.5	Sta	384 + 86	- 388 + 36
2,485.9	Sta	388 + 36	- 391 + 73
1,987.9	Sta	391 + 73	- 395 + 09
1,936.9	Sta	395 + 09	- 398 + 44
1,240.3	Sta	398 + 44	- 400 + 57
1,439.9	Sta	400 + 57	- 403 + 04
4,359.5	Sta	403 + 04	- 410 + 61
2,515.8	Sta	410 + 61	- 414 + 09

### FAP 561 (IL 2) SECTION D2 SPRING RS 2007-1 LEE COUNTY CONTRACT 64D30 SHEET 11 OF 42

### **Schedule of Quantities**

SIDE STREETS 302.3 W. Page Dr. 75.7 Carroll Ave. Barker Ave. 77.8 494.8 4th Ave. 117.6 3rd Ave. 2nd Ave. 99.0 100.9 1st Ave. 44.0 Factory St. Chuck Vail Dr. 235.1 155.5 Squires Ave. 378.5 Peoria Ave. (N) 981.9 Peoria Ave. (S) 27,080.5 TOTAL

### 44000500 COMBINATION CURB AND GUTTER REMOVAL

FOOT	<u>LOCATI</u>	<u>ON</u>			
	IL 2				
25	Sta	401 + 70	- 4	101 + 95	LT
50	Sta	406 + 85	- 4	107 + 35	LT
50	As Need	ded & Directe	ed by	the R.E.	
125	TOTAL				

### 60255500 MANHOLES TO BE ADJUSTED

<u>EACH</u>	LOCATI	<u>ON</u>		
	IL 2			451 55
1	Sta	392 +	33	15' RT
1	Sta	402 +	32	20' RT
1	Sta	406 +	34	
3	TOTAL			

### 60255800 MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID

<u>EACH</u>	<u>LOCATION</u>			
1	IL 2 Sta TOTAL	389 +	62	30' RT

### 60260100 INLETS TO BE ADJUSTED

<u>EACH</u>	LOCATION				
1 1 2		381 + 382 +			

### 60605000 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

<u>FOOT</u>	LOCAT	<u>ION</u>		
	IL 2			
25	Sta	401 + 70	-	401 ± 95 . LT
50	Sta	406 +85	-	407 + 35 LT
50	As Need	ded & Directe	ed b	y the R.E.
125	TOTAL			

FAP 561 (IL 2) SECTION D2 SPRING RS 2007-1 LEE COUNTY CONTRACT 64D30 SHEET 12 OF 42

### **Schedule of Quantities**

### 70300100 SHORT-TERM PAVEMENT MARKING

<u>FOOT</u>	LOCATION	(3 APPI	LICATIONS)	
	IL 2			
1,300	Sta 376	+97 -	419 + 59	EB - CL of Lanes - White Skip Dash
1,300	Sta 376	+ 97 -	419 + 59	WB - CL of Lanes - White Skip Dash
300	Sta 376	+ 97 -	395 + 00	Bi-Directional (Double) - Yellow Skip Dash
· 38	Sta 376	+ 97 -	395 + 00	RT Turn Lane @ 4th Ave - White Skip Dash
45	Sta 410	+00 -	419 + 59	RT Turn Lane @ Peoria - White Skip Dash
30	Sta 410	+ 00 -	419 + 59	LT Turn Lane @ Peoria - White Skip Dash
30	Sta 410	+00 -	419 + 59	LT Turn Lane @ Hennepin - White Skip Dash
30	Sta 410	+00 -	419 + 59	LT Turn Lane @ Hennepin - White Skip Dash
30	Sta 410	+00 -	419 + 59	RT Turn Lane @ Galena - White Skip Dash
	SIDE STREET	S		
75	White Skip Das	sh		
45	Yellow Skip Da	ash		
3,223	TOTAL			

### 70301000 WORK ZONE PAVEMENT MARKING REMOVAL

SQ FT	<u>LOCATION</u>	•	
	IL 2		
144.4	Sta 376 + 97	- 419 + 59	EB - CL of Lanes - White Skip Dash
144.4	Sta 376 + 97	- 419 + 59	WB - CL of Lanes - White Skip Dash
33.3	Sta 376 + 97	- 395 + 00	Bi-Directional (Double) - Yellow Skip Dash
4.2	Sta 376 + 97	- 395 + 00	RT Turn Lane @ 4th Ave - White Skip Dash
5.0	Sta 410 + 00	<ul> <li>419 + 59</li> </ul>	RT Turn Lane @ Peoria - White Skip Dash
3.3	Sta 410 + 00	- 419 + 59	LT Turn Lane @ Peoria - White Skip Dash
3.3	Sta 410 + 00	- 419 + 59	LT Turn Lane @ Hennepin - White Skip Dash
3.3	Sta 410 + 00	- 419 + 59	LT Turn Lane @ Hennepin - White Skip Dash
3.3	Sta 410 + 00	- 419 + 59	RT Turn Lane @ Galena - White Skip Dash
	SIDE STREETS		
8.3	White Skip Dash		
5.0	Yellow Skip Dash		
358.1	TOTAL		

### 78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

SQFI	LOCATION
	IL 2 (SEE PAVEMENT MARKING DETAILS FOR LAYOUT)
405.6	LEFT ARROWS = 26 EACH @15.6 SQ FT
109.2	RIGHT ARROWS = 7 EACH @ 15.6 SQ FT
57.5	THROUGH ARROWS = 5 EACH @ 11.5 SQ FT
78.0	LEFT AND THROUGH ARROWS = 3 EACH @ 26 SQ FT
83.2	ONLYs = 4 EACH @ 20.8 SQ FT
733.5	TOTAL

### 78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"

<u>FOOT</u>	LOCATION	
	IL 2 (SEE PAVEMENT MARKING DETAILS FOR LAYOUT)	
1,070	Sta 376 + 97 - 419 + 59 White Skip Dash Lines - EB	
1,070	Sta 376 + 97 - 419 + 59 White Skip Dash Lines - WB	
8,264	Sta 376 + 97 - 419 + 59 Double Yellow Painted Median Lines	
152	Intersection w/ 4th Ave Double Yellow Painted Median Lines	
102	Intersection of Peoria Ave (N) Double Yellow Painted Median Lines	
202	Intersection of Peoria Ave (S) Double Yellow Painted Median Lines	
40	Intersection of Peorla Ave (S)  Yellow Skip Dash for Turning Radius	
85	Intersection of Peoria Ave (S) White Edge Lines for Island	
10.985	TOTAL	

FAP 581 (IL 2)

SECTION D2 SPRING RS 2007-1

LEE COUNTY

CONTRACT 64D30 SHEET 13 OF 42

### Schedule of Quantities

### 78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"

FOOT	LOCATION

### II 2 (SEE PAVEMENT MARKING DETAILS FOR LAYOUT)

,	IF Y OFF LYAPHIPHY MUNICIPAL	DEIMINGIONE
162	Intersection w/ W. Page Dr	Crosswalk
329	Intersection w/ 4th Ave	Crosswalk
658	Intersection w/ Peoria Ave	Crosswalk
570	Intersection w/ Hennepin Ave	Crosswalk

1,719 TOTAL

### 78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 8"

FOOT	LOCATIO	١

	IL 2 (SEE PAVEMENT MARKING L	IE IAILS FOR LAYOUT)
1,138	Sta 376 + 97 - 419 + 59	White Turn Lane Lines
60	Intersection of 4th Ave	White Turn Lane Lines
40	Intersection of Peoria Ave (N)	White Turn Lane Lines
270	Intersection of Peoria Ave (S)	White Turn Lane Lines
109	Intersection of Peoria Ave (S)	White Island
4 617	TOTAL	

### 78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"

### **FOOT LOCATION**

### IL 2 (SEE PAVEMENT MARKING DETAILS FOR LAYOUT)

247	Sta 376 + 97 - 419 + 59	Yellow Diagonals in Painted Median
14	Intersection of Peoria Ave (N)	Yellow Diagonals in Painted Median
127_	Intersection of Peoria Ave (S)	White Diagonals for Island
388	TOTAL	

### 78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"

FOOT	LOCATION

### IL 2 (SEE PAVEMENT MARKING DETAILS FOR LAYOUT)

128	Intersection w/ 4th Ave	Stop Bars
158	Intersection w/ Peoria Ave	Stop Bars
41	Intersection w/ Hennepin Ave	Stop Bars
148	SIDE STREETS	Stop Bars
475	TOTAL	

### 78100100 RAISED REFLECTIVE PAVEMENT MARKER

### **EACH LOCATION** IL 2 (SEE PAVEMENT MARKING DETAILS FOR LAYOUT) Sta 376 + 97 - 419 + 59 Sta 376 + 97 - 419 + 59 One-way Crystal 139 152 Two-way Amber One-way Crystal Intersection w/ 4th Ave Two-way Amber Intersection w/ 4th Ave One-way Crystal Intersection of Peorla Ave (N) Two-way Amber Intersection of Peoria Ave (N) 6 Intersection of Peoria Ave (S) One-way Crystal 6 Intersection of Peoria Ave (S) Two-way Amber

315 TOTAL

### FAP 561 (IL 2) SECTION D2 SPRING RS 2007-1 LEE COUNTY CONTRACT 64D30 SHEET 14 OF 42

### **Schedule of Quantities**

### 78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

<u>EACH</u>	LOCATION
139 152	IL 2 Sta 376 + 97 - 419 + 59 Sta 376 + 97 - 419 + 59
2 4	Intersection w/ 4th Ave Intersection w/ 4th Ave
2	Intersection of Peoria Ave (N)
4	Intersection of Peoria Ave (N)
6	Intersection of Peoria Ave (S)
6_	Intersection of Peoria Ave (S)
315	TOTAL

### 88600400 DETECTOR LOOP, SPECIAL

FOOT	LOCAT	ION	•
	IL 2		
300	Sta	385 + 25	(4 Loops @ 75')
600	Sta	387 + 80	(6 Loops @ 100')
400	Sta	389 + 10	(4 Loops @ 100')
400	Sta	413 + 10	(4 Loops @ 100')
400	Sta	414 + 50	(4 Loops @ 100')
400	Sta	419 + 50	(4 Loops @ 100')
	SIDE S	TREETS	
400	4th Ave		(4 Loops @ 100')
400	Peoria /	Ave. (N)	(4 Loops @ 100')
400	Peoria /	Ave. (S)	(4 Loops @ 100')
2 700	TOTAL		

### Z0028415 GEOTECHNICAL REINFORCEMENT

<u>SQ YD</u>	LOCATION
196	IL 2 As Directed by the R.E. (Full Depth Patches)
196	TOTAL

### Z0028700 GRANULAR SUBGRADE REPLACEMENT

33	IL 2 As Directed by the R.E. (Full Depth Patches)
33	TOTAL

FAP 61 (IL 2)
SECTION D2 SPRING RS 2007-1
LEE COUNTY
CONTRACT 64D30
SHEET 14A OF 42

# BITUMINOUS SCHEDULE

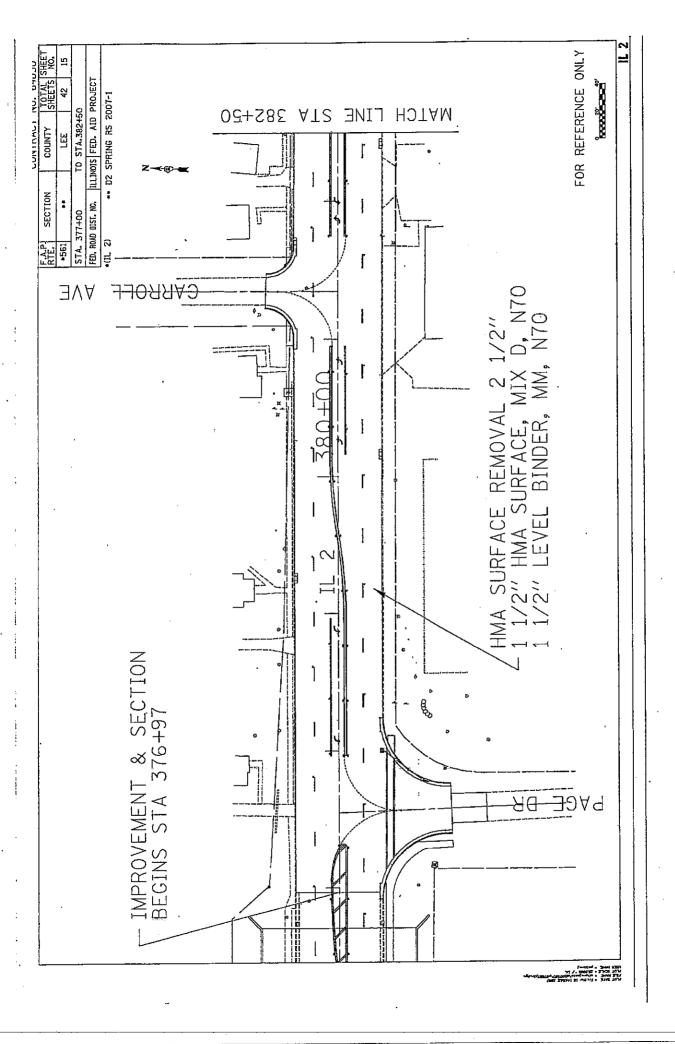
40600635	Leveling Binder (Machine Method),	O/N	Ton		28.0	187.5	173.6	174.4	174.0	139.2	135.6	86.8	100.8	305.2	176.1				21.2	5.3	5.4	34.6	8.2	6.9	7.1	3.1	16.5	10.9	26.5	68.7			1895.6
40603590	Polymerized Hot-Mix Asphalt	Mix "F", N70	Ton													207.3	154.9														24.0	27.5	413.7
•	Hot-Mix Asphalt Surface Course,	MIX D, INO	Ton		33.6	225.0	208.3	209.3	208.8	167.0	162.7	104.2	121.0	366.2	211.3				25.4	6.4	6.5	41.6	6.6	8.3	8.5	3.7	19.7	13.1	31.8	82.5			2274.8
40600300	Agg Prime		Ton		0.60	4.02	3.72	3.74	3.73	2.98	2.91	1.86	2.16	6.54	3.77	3.37	2.52		0.45	0.11	0.12	0.74	0.18	0.15	0.15	0.07	0.35	0.23	0.57	1.47	0.39	0.45	47.3
40600200	Bit Materials Prime	(2 Applications)	Ton		0.23	1.53	1.42	1.43	1,42	1.14	1.11	0.71	0.82	2.49	1.44	1.29	96.0		0.17	0.04	0.04	0.28	20.0	90:0	90.0	0.03	0.13	60.0	0.22	0.56	0.15	0.17	18.1
	Proposed	Sulface	Sq Yd		400.4	2679.0	2480.3	2491.5	2485.9	1987.9	1936.9	1240.3	1439.9	4359.5	2515.8	2246.9	1678.9		302,3	7.5.7	77.8	494.8	117.6	0.66	100.9	44.0	235.1	155.5	378.5	981.9	260.7	297.6	31565
	Prop	ine	Width		61.8	62.3	62.3	62.7	65.1	50.2	52.5	52.5	52.3	51.6	70.1	64	73.5		32	20	21	39	32	33	32	20	20	28	45	61	37	33	
	1	Lengui			58.2	380.8	350.3	350.3	336.3	336.1	335.4	212.5	247	757.5	348.3	6'608	239.7		53	22.7	22.7	6.39	25	25.5	23	15	29	43.9	29	89.4	40.2	49.9	
		Kemarks			Start to Page	Page to Carroll	Carroll to Barker	Barker to 4th	4th to 3rd	3rd to 2nd	2nd to 1st	1st to Factory	Factory to Chuck Vail	Chuck Vail to Squires	Squires to Peoria	Peoria to Hennepin	Hennepin to End		Refum	Return	Return	Refurn	Return	Return	Refum	Return	Return	Return	Return	Return	Return	Return	
	7 7 7	Location		IL 2	Sta 376 + 97 - 377 + 55	377 + 55 -	Sta 381 + 36 - 384 + 86		388 + 36 - 391 + 7	+ 73 - 395 +	395 + 9 -		400 + 57 - 403 + 4	Sta 403 + 4 - 410 + 61 (	Sta 410 + 61 - 414 + 9	414 + 9 - 417 +	Sta 417 + 19 - 419 + 59	Side Streets	W. Page Dr.	Carroll Ave.	Barker Ave.	4th Ave.	3rd Ave.	2nd Ave.	1st Ave.	Factory St.	Chuck Vail Dr.	Squires Ave.	Peoria Ave. (N)	Peoria Ave. (S)	Hennepin Ave. (N)	Hennepin Ave. (S)	TOTAL

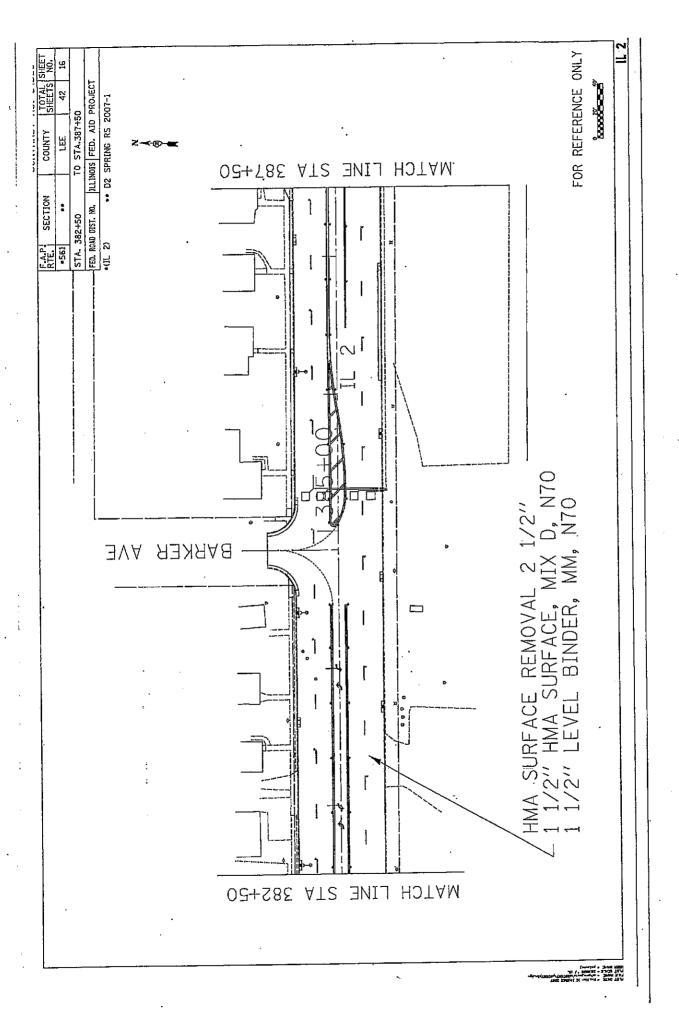
# PARTIAL DEPTH PAVEMENT PATCHING

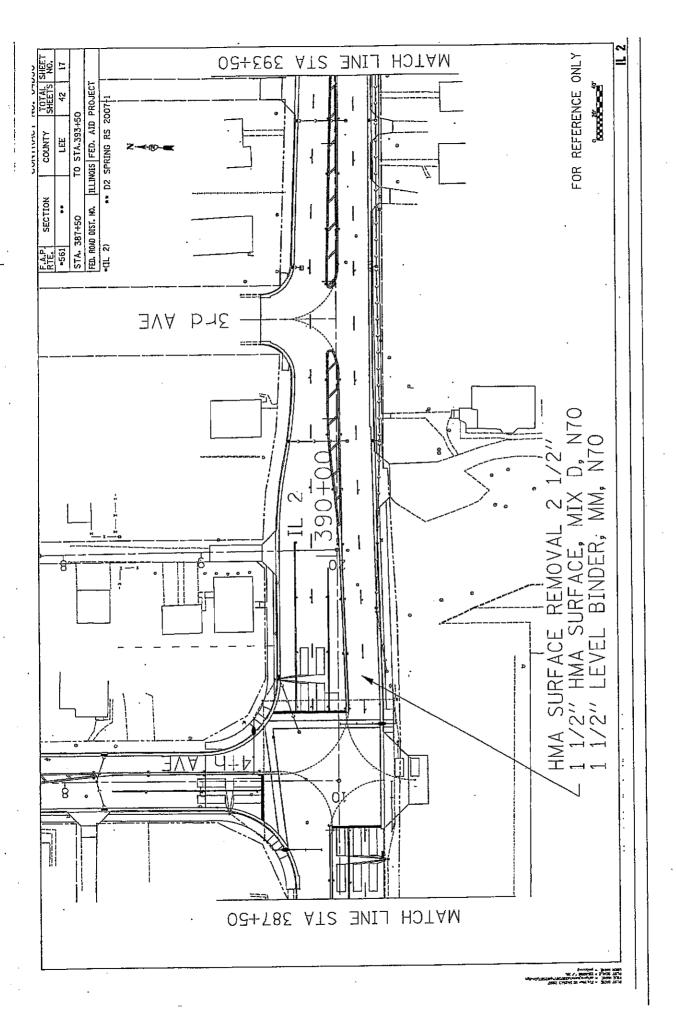
FAP 561 (IL 2) SECTION D2 SPRING RS 2007-1 LEE COUNTY CONTRACT 64D30 SHEET 14B OF 42

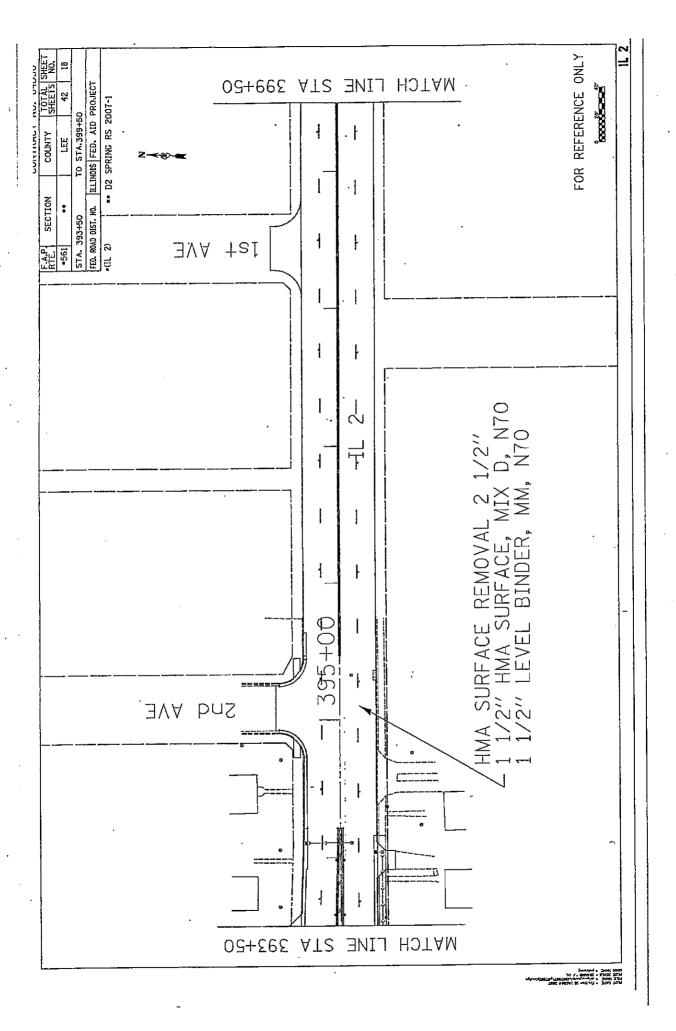
STATION REMARKS IL 2 377 + 10 378 + 2				44200120	2	2	171	44200120	-	1	2		200
ATION 7 + 10 8 + 2		LENG	LENGTH OF			AREA OF	AREA OF PATCHES			HOT-MIX ASPI	HALT REMOVAL	HOT-MIX ASPHALT REMOVAL HOT-MIX ASPHALT REPLACEMENT	REPLACEMENT
ATION 7 + 10 8 + 2		PATCH	끉		E2	ТҮР		TYF	TYPE 4	OVER PATO	OVER PATCHES - 2 1/2"	OVER PATCHES - 2 1/2"	IES - 2 1/2"
1L.2 377 + 10 378 + 2		WB LANE	EB LANE	WB LANE	EB LANE	WB LANE EB LANE		WB LANE	LANE EB LANE	WB LANE	EB LANE	**WB LANE	EB LANE
377 + 10 378 + 2		(1991)	וופפוז	200	( ),(	7,00		200	2	/ 24/	7,7,7		
378 + 2		9	9			17.3	17.3			20.2	20.2	4.53	2,83
		9	9			17.3	17.3			20.2	20.2	4.53	2.83
380 + 9		9	9			17.3	17.3			20.2	20.2	4.53	2.83
382 + 17		9	9			17.3	17.3			20.2	20.2	4.53	2.83
382 + 85 WB & EB OUTSIDE LANE	SIDE LANE	9	9	8.7	8.7					20.2	20.2	4.53	2,83
385 + 42 EB OUTSIDE LANE	ELANE		9		8.7						20.2		2.83
	E LANE	9		8.7						20.2		4.53	
386 + 43		9	9			17.3	17.3			20.2	20.2	4.53	2.83
386 + 79		9				17.3				20.2		4.53	
387 + 82		9				17.3				20.2		4.53	
389 + 41			9				17.3				20.2		2,83
390 + 76			9				17.3				20.2		2,83
393 + 15			10						28.9		31.8		4.45
393 + 74		9				17.3				20.2		4.53	
394 + 29		9	9			17.3	17.3			20.2	20.2	4.53	2,83
394 + 57		8				23.1				26.0		5.82	
395 + 24		9				17.3				20.2		4.53	
395 + 98		20	20				-	57.8	57.8	60.7	60.7	13.59	8.49
397 + 60		10						28.9		31.8		7.12	
398 + 49			9				17.3				20.2		2.83
399 + 33		9	9			17.3	17.3			20.2	20.2	4.53	2.83
399 + 68		9	9			17.3	17,3			20.2	20.2	4.53	2.83
400 + 51		8				23.1				26.0		5.82	
401 + 11		9	9			17.3	17.3			20.2	20.2	4.53	2.83
403 + 72			9				17.3				20.2		2.83
404 + 2	-	15						43.3		46.2		10.35	
404 + 94 WB OUTSIDE LANE	E LANE	50						28.9		60.7		13.59	
404 # 94 WB INSIDE LANE	LANE	8		11.6						26.0		5.82	
405 + 64			9				17.3				20.2		2.83
406 + 53		9	9			17.3	17.3			20.2	20.2	4.53	2.83
407 + 38		9	9			17.3	17.3			20.2	20.2	4.53	2.83
408 + 5		9	9			17.3	17.3			20.2	20.2	4.53	2.83
409 + 71		9				17.3				20.2		4.53	
409 + 95		9	9			17.3	17.3			20.2	20.2	4.53	2.83
410 + 24		9	9			17.3	17.3			20.2	20.2	4.53	2.83
411 + 73		9				17.3				20.2		4.53	
					į	000	0.000		18	000	7 17 1	0.707	7 07
TOTAL	T T T			28.9	17.3	392.9	329.3	158.9	7.98	722.2	517.1	161.8	47.7
2 8 AOT 187	12.0			7.0		7.50	6.10	10	ļų	100	4030 3	0 100	6
GRAND IOIAL			_	17.4	4	121.1		5	i:	14.	59.0	107	7

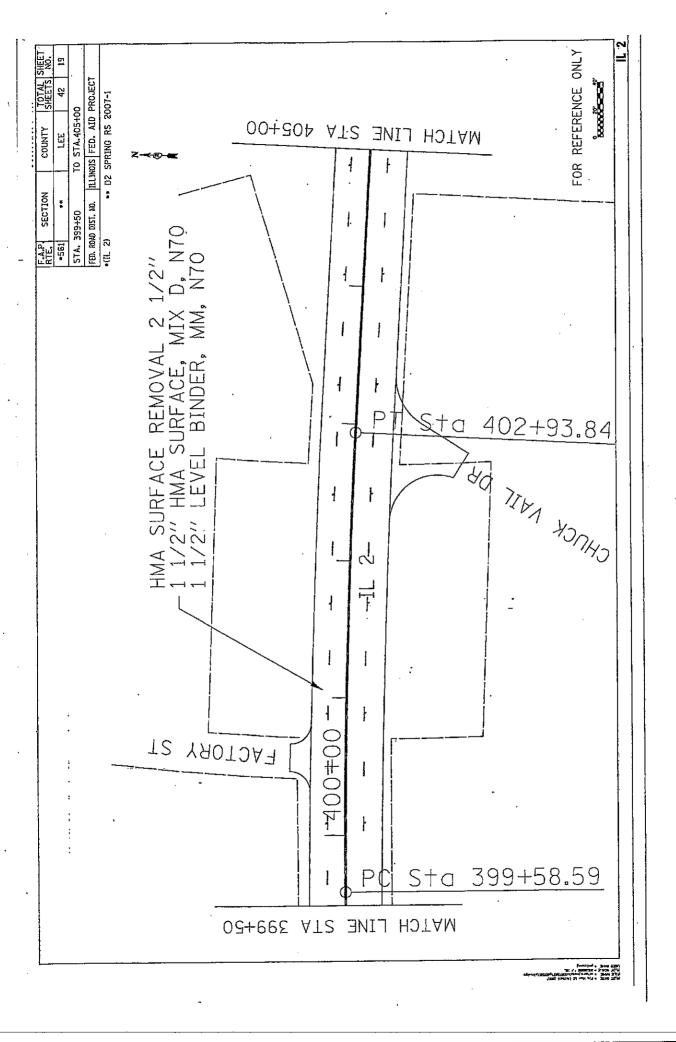
<sup>\*\*</sup> WB Lane is figured for 4" of mix to allow for the extra mix that was used to move the crown.

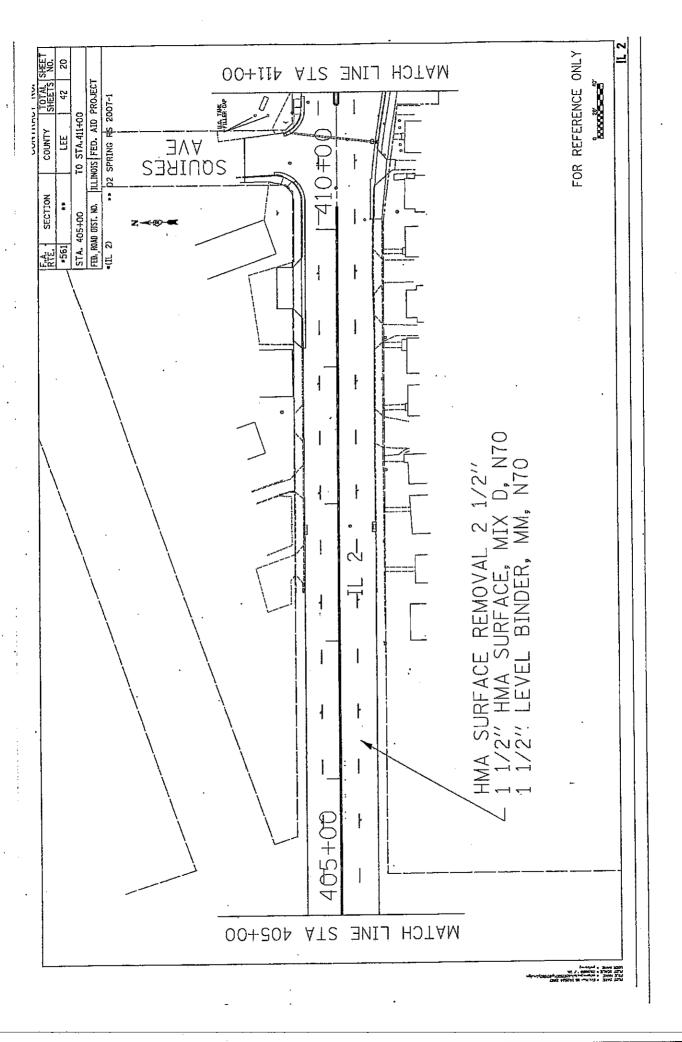


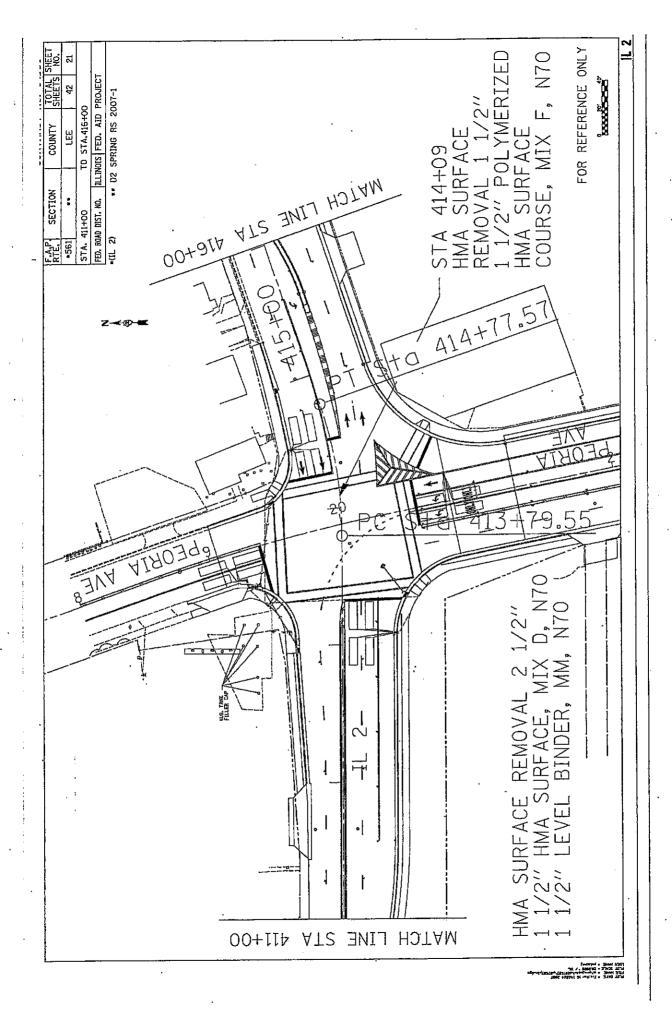


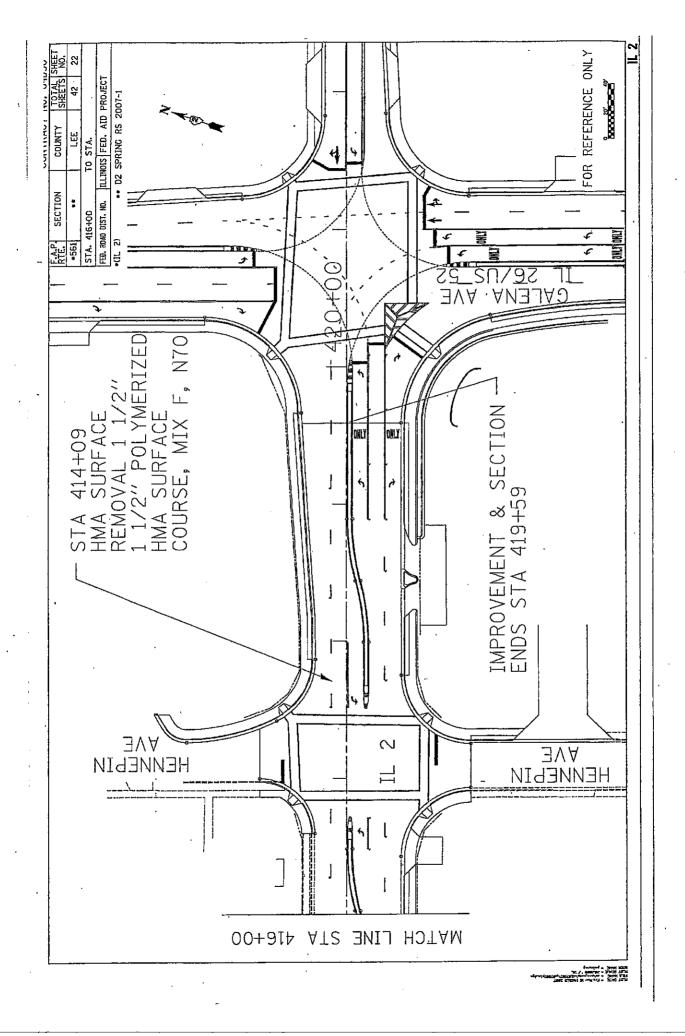


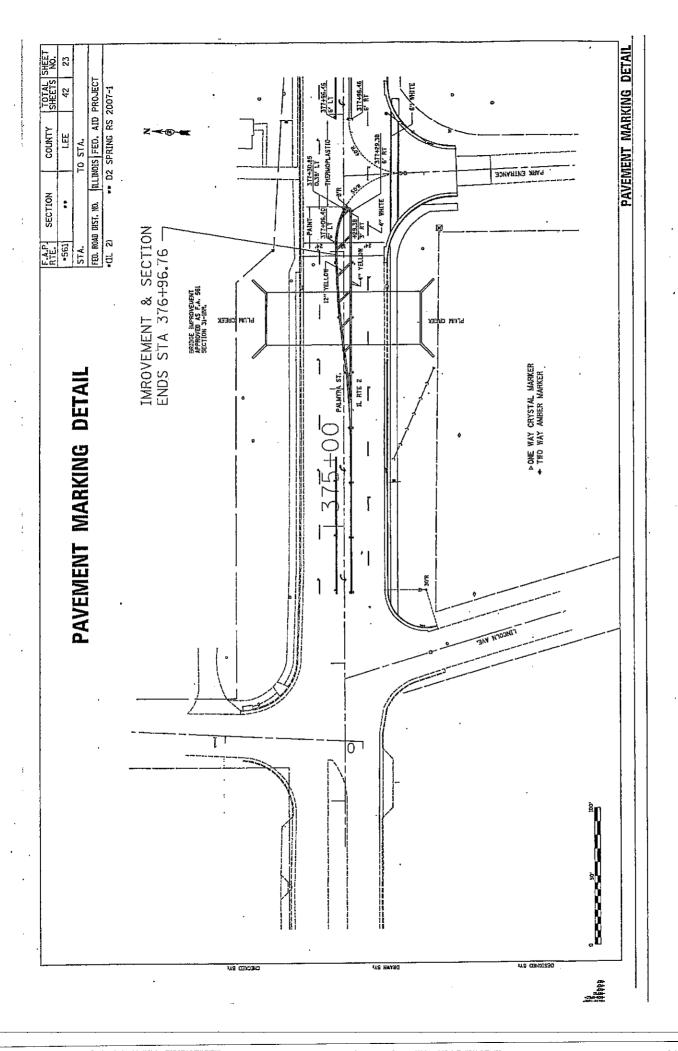


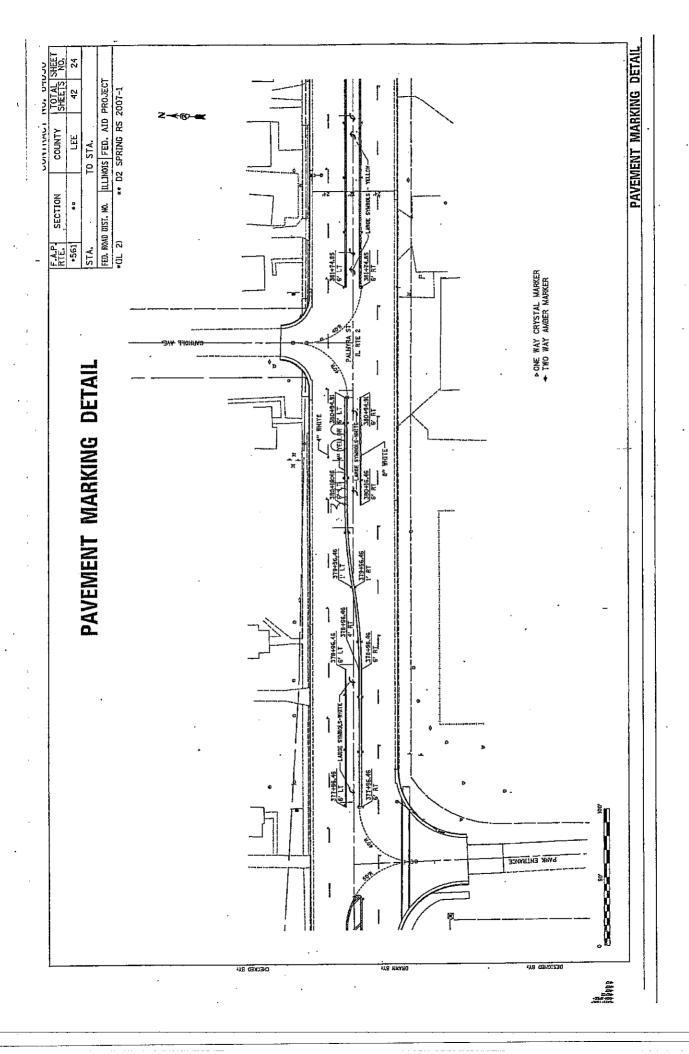


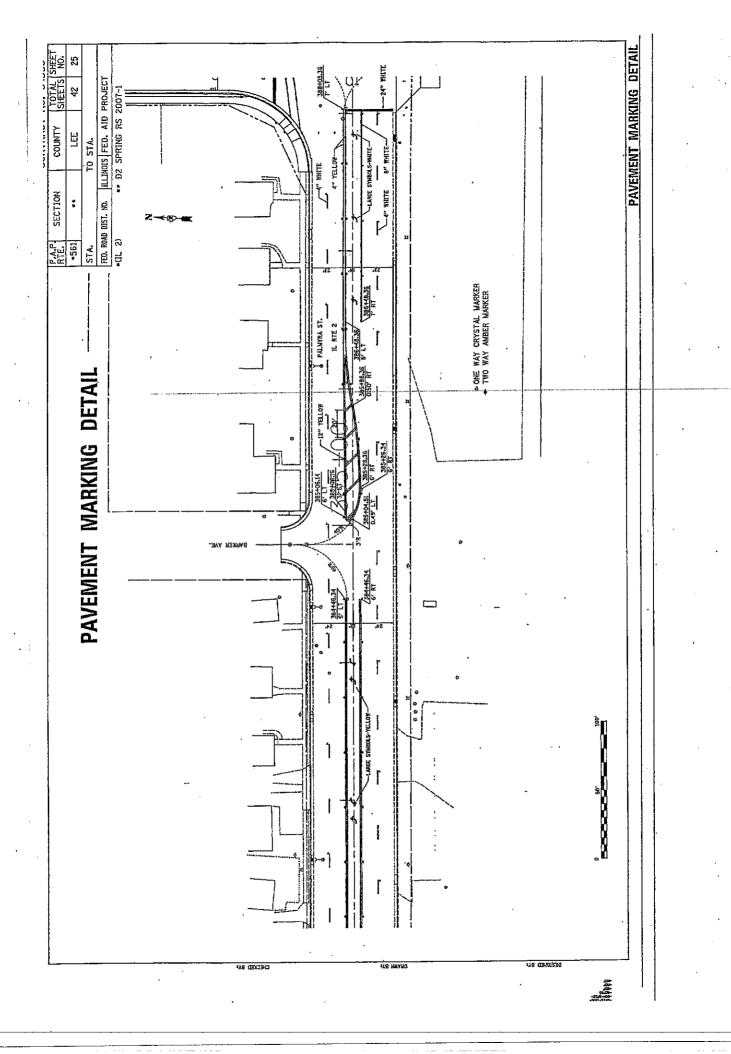


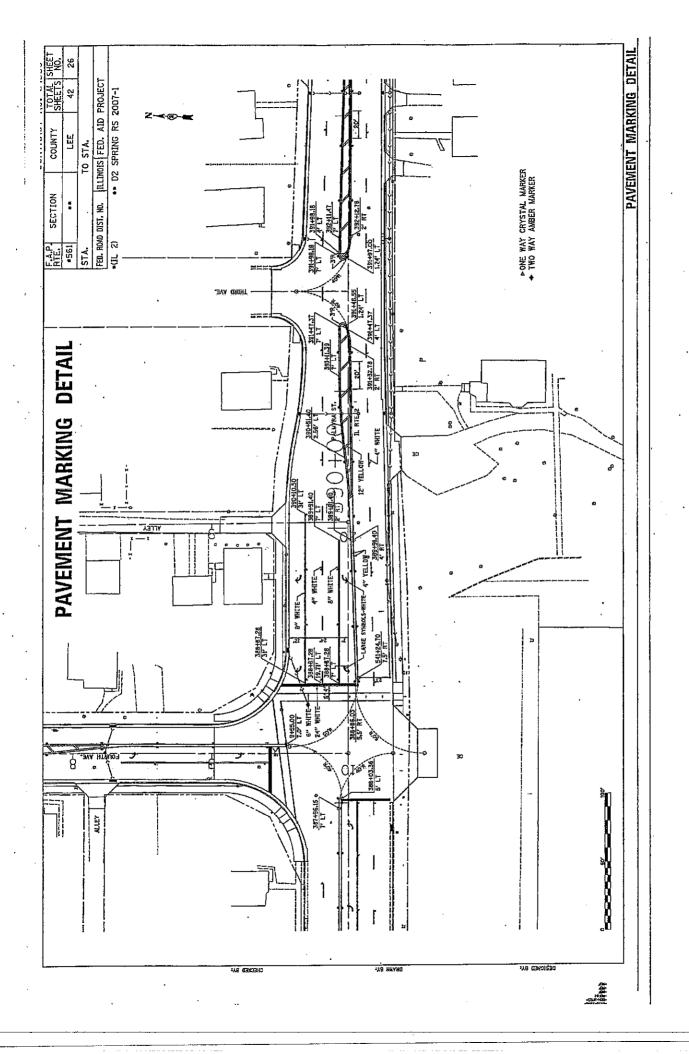


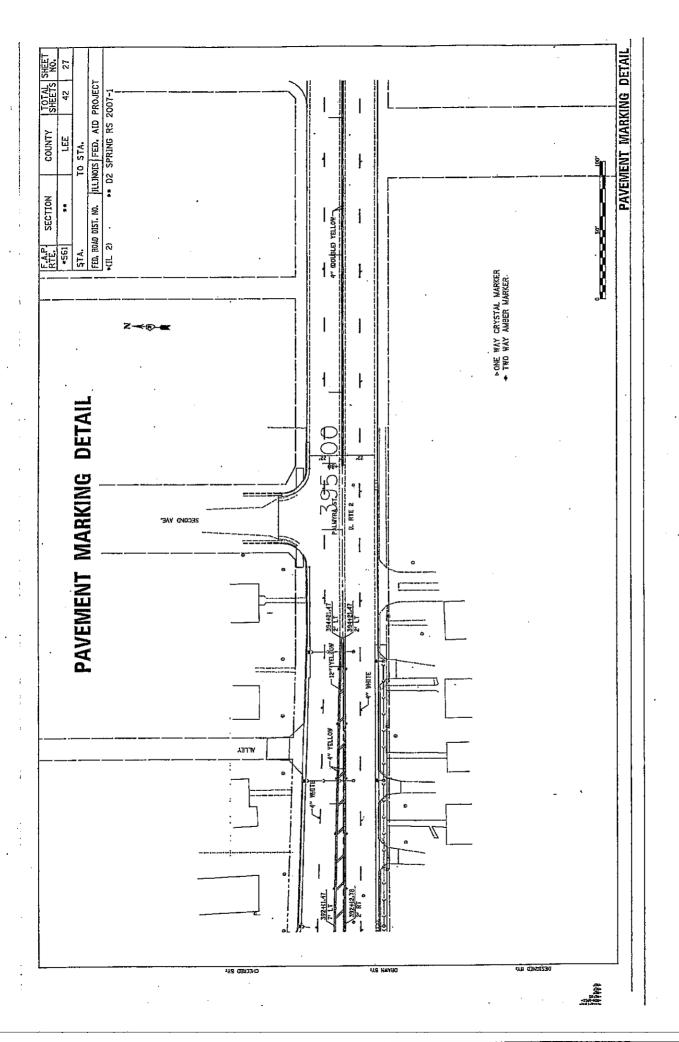


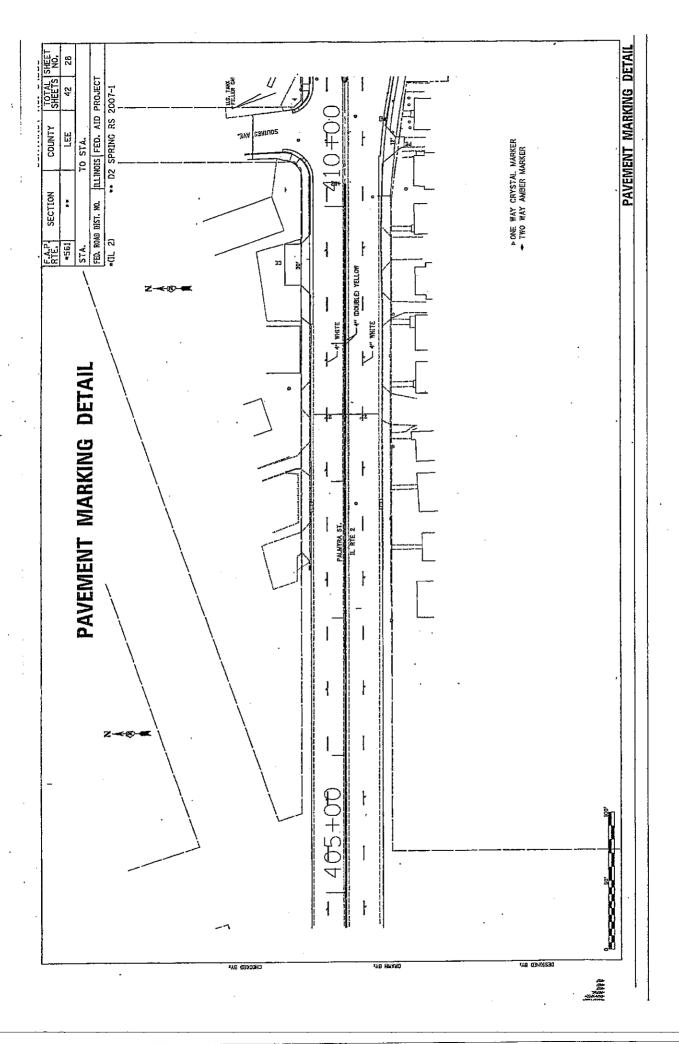


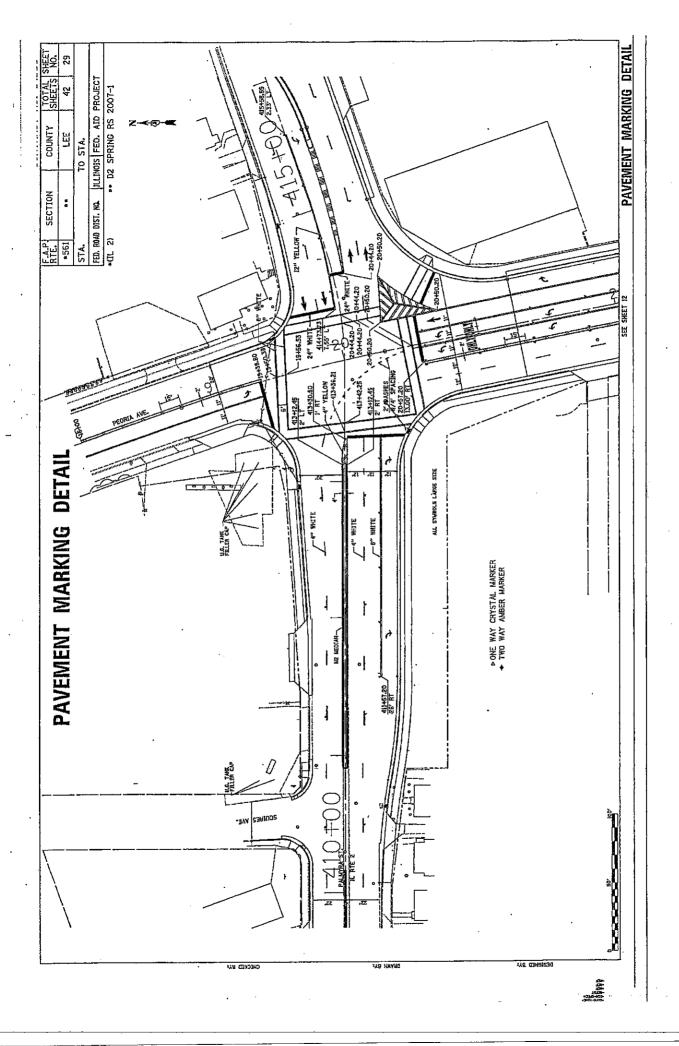


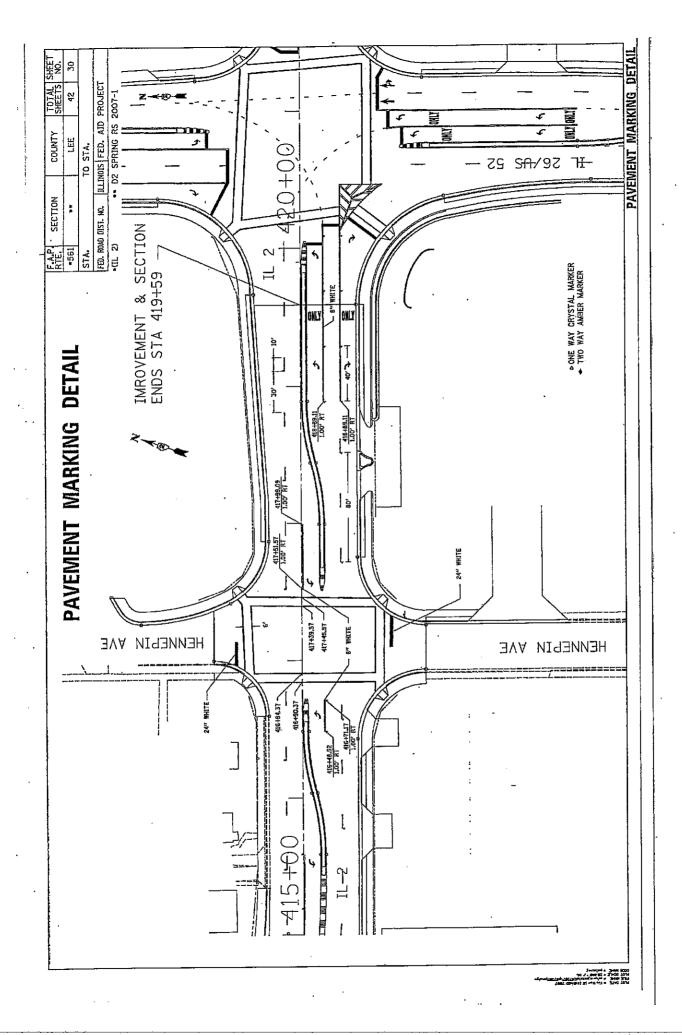


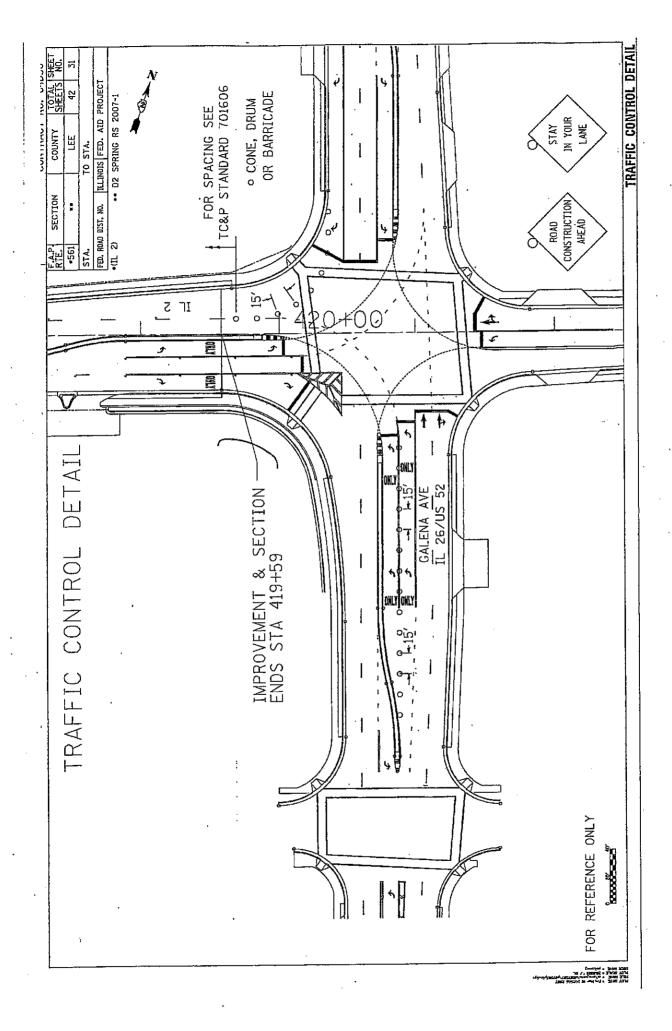


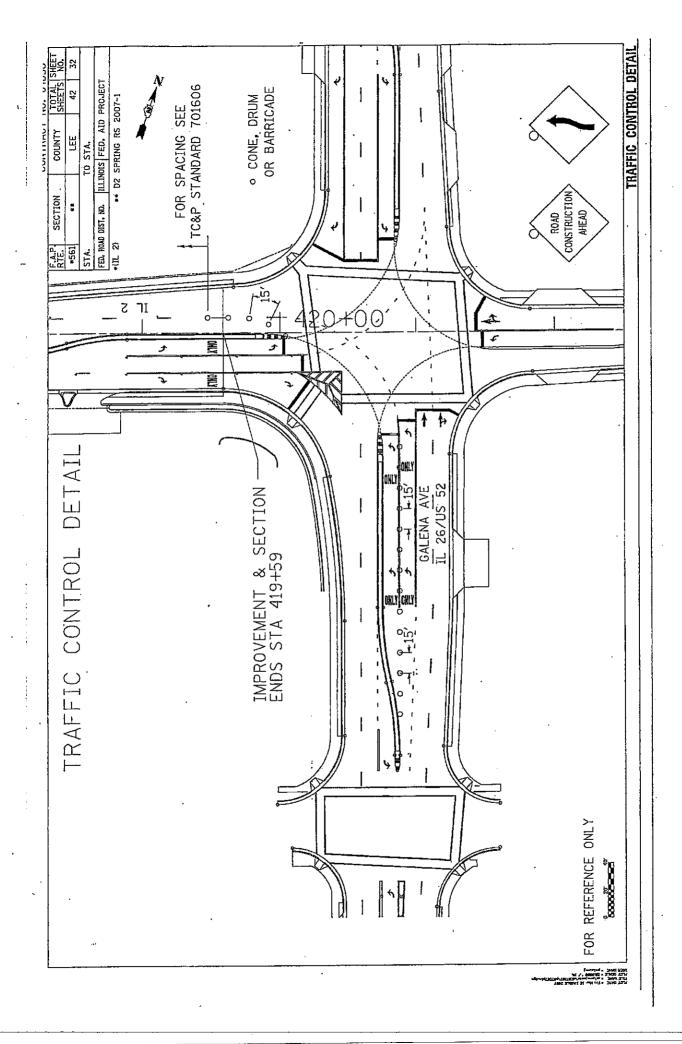






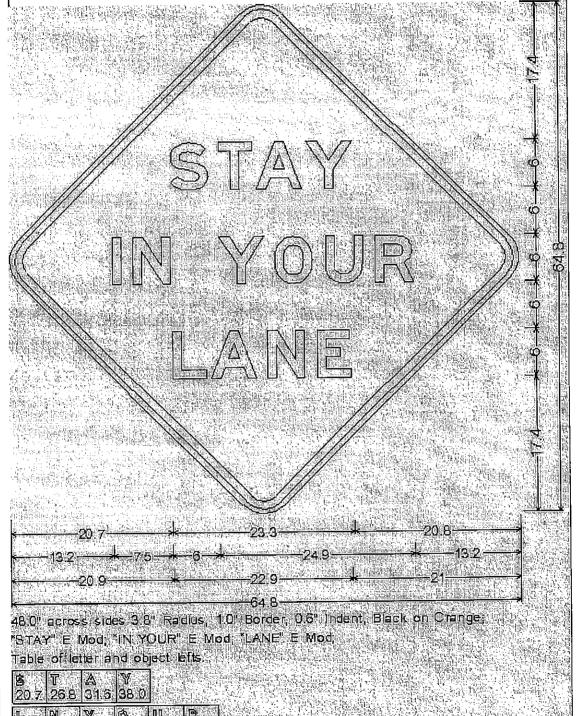






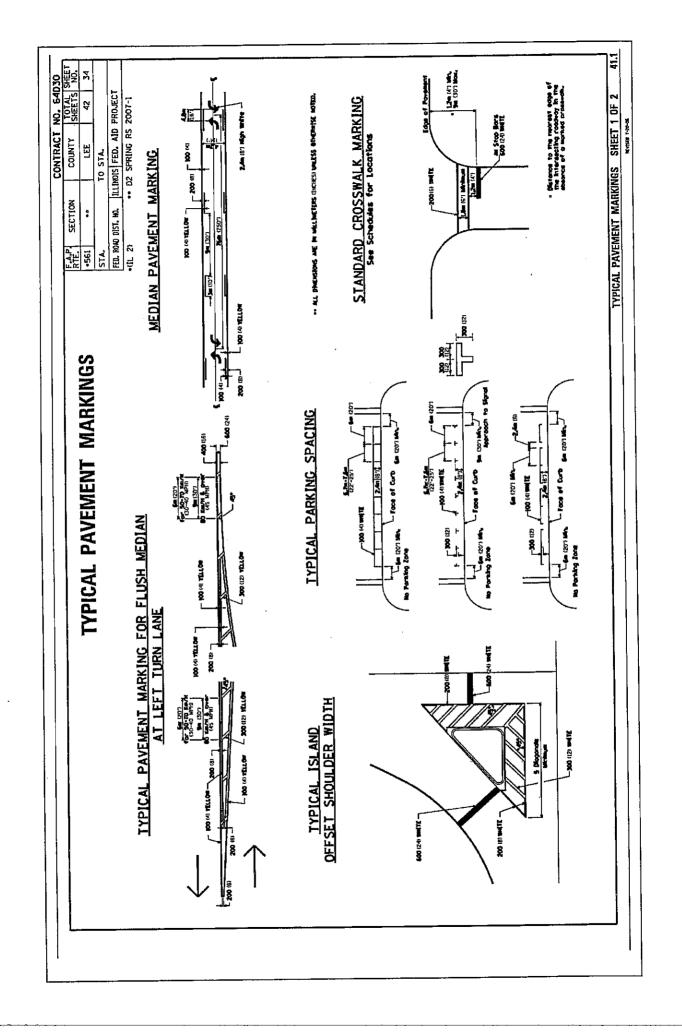
• D2 SPRING RS 2007-1

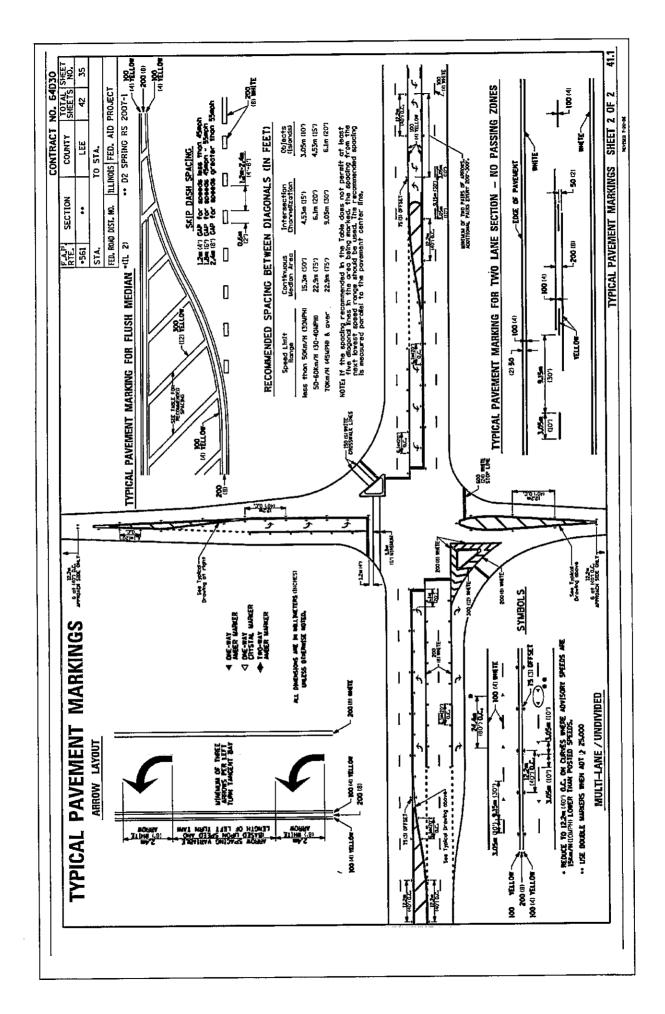
### STAY IN YOUR LANE DETAIL

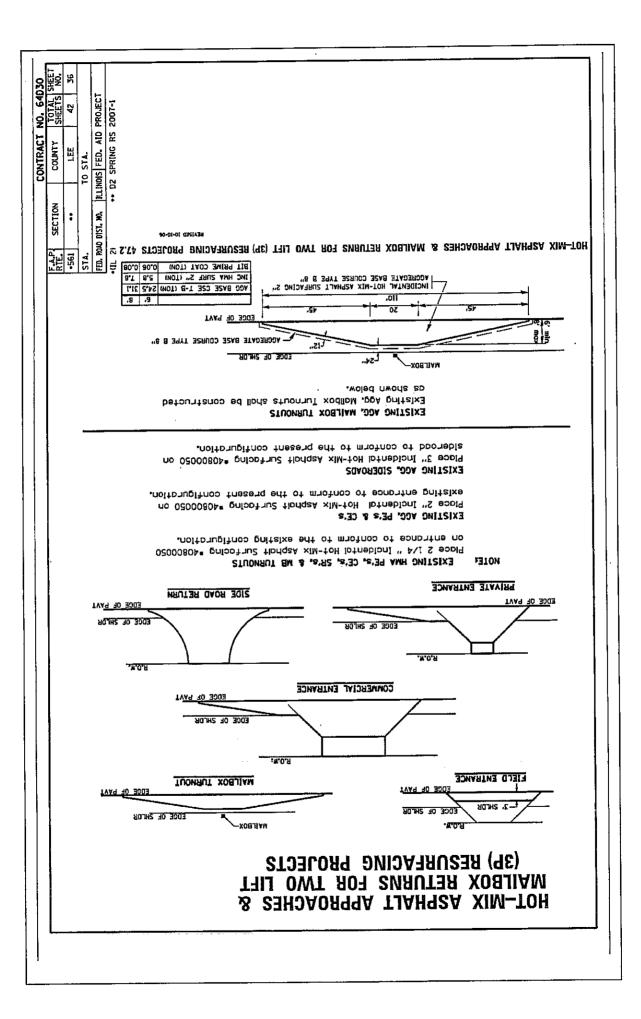


8 T A Y 20.7, 26.8 31.6 38.0	
1 N Y O 13.2 159 267 339	W : R: 40.5 46.8
L A N E 20.9 25.8 33.1 39.4	

#25 | 1965 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1966 | 1







### ROUGH GROOVED SURFACE SIGN

ILLINOIS STANDARD W8-1107

SIGN PANEL TYPE I



### CENERAL NOTES

AETH POSTS SHAFT BE IN PCCOMPANCE WITH THE STEWNDRING SPECIFICATIONS AND PAPEL TO SECTION TO OF SIGHT BE THE STAFF BE THE

COLOR: LECEND AND BORDER - BLACK NOW-RELFLECTIVE BACKGROUND - ORANGE REFLECTORIZED

(2°2)	(12°0) 352	(0°9) 051	(23°0)	(24'0) 820	(0,E)	((°FZ)	(500)	(48×48)
Н	ם	4	3	ā	5	g	٧_	EZIS
			SI	MENSION	IŪ			NOIS

	22,10,11	Salishi M Shatalishi VII								
087-48	30 (1.2)	(0,0)	ЭΥ	οπ	ΩĮ	1200×1200				
			3	2_	1	BZIS				
.012	BOHDER	MARGIN		LINES	NOIS					
BLANK		l		SEBIES	;	1.025				

VET DIMENSIONS IN INCHES"

DUNTING HARDWARE SHALL BE ALUMHUM, ESS STEEL, ZINC OR CADMIUM PLATED AND SHALL BE INCIDENTAL TO THE COST E INSTALLATION,	STEEL
720011.	210.

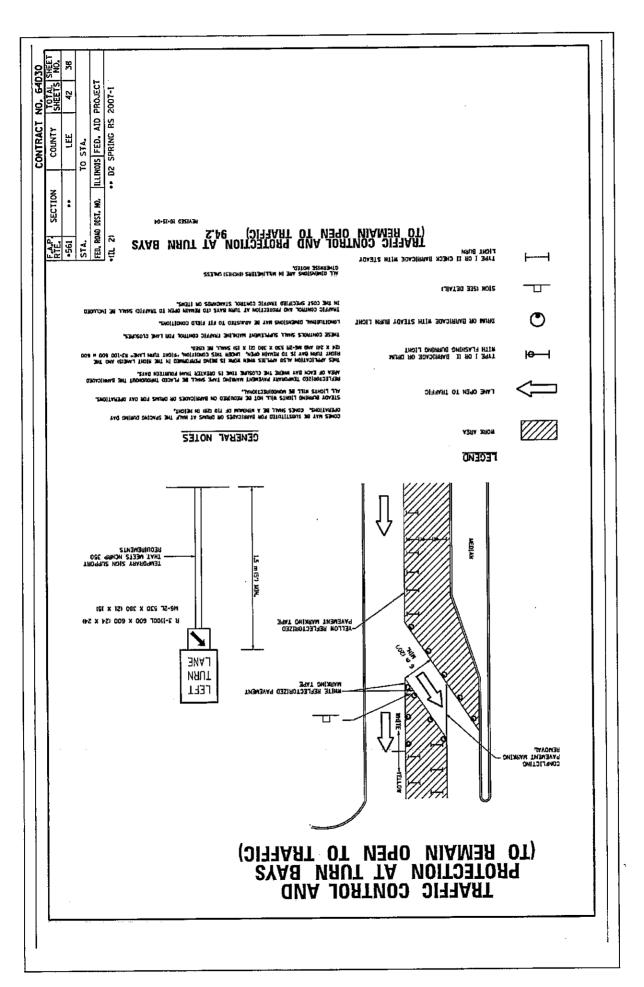
OTHERWISE NOTED.

OTHERWISE NOTED.

		_	CONTRACT NO. 64030	<u>-</u>	64	8
F.A.P. RTE.	SECTION		COUNTY		TOTAL	SHET NO,
•561	:		TEE		<b>Z</b> }	37
STA.		F	TO STA.			
20.	FED-ROAD OIST. NO.	ILL ING	ILLINOIS FED. AID PROJECT	0)	PROJECT	
<u>6</u>		÷ 02	DZ SPRING RS 2007-1	S.	2007-1	

### HOUGH GROOVED SURFACE SIGN

00-12-1 GISIAN



### 器 RECONSTRUCTE GUTTER REPLACEMENT) OR INLETS DETAILS FOR CURB & OR OR CATCH BASIN **ADJUSTED**

NO. 64030 TOTAL SHEET SHEETS NO. ILLINOIS FED. AID PROJECT . DZ SPRING RS 2007-1 CONTRACT NO. COUNTY 臣 SECTION FED. ROAD DIST. HO. 561 SΤĀ.

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

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

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

32(1 1/4) Ø COATED SMOOTH DOWEL BAR WITH CAP TO PROVIDE 25(1) EXPANSION

REMOVE AND REPLACE SOD

PROPOSED CURB AND GUTTER

JAIN GOOGA)

SAWED JOINT (FULL DEPTH)

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

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

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

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

BE ADJUSTED 2 OR INLETS ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED. BASIN

- FRAME AND GRATE SAME REPAIR AS — INDICATED ON OTHER SIDE OF FRAME AND GRATE. 25 (I) PREFORMED EXPANSION JOINT FILLER, IF EXISTING EXPANSION JOINT IS WITHIN 1.5m (5'-0")THE JOINT FILLER SHALL BE ELIMINATED. WHEN "A" IS GREATER THAN 50 (2), 2-NO. IS (NO. 4) BARS SHALL BE PLACED AS SHOWN. CURB EXISTING AND GUTTER

17.4a

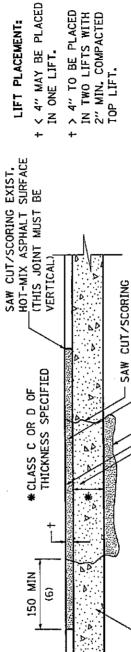
REVISED 5-4-94

RECONSTRUCTED

OR

## LIFT PLACEMENTS -561 VEMENT PATCHING FOR HOT-MIX ASPHALT SURFACED PAVEMENT PAVEMEN EXISTING HOT-MIX

CONTRACT NO. 64030 FED. ROAD DIST, NO. | ILLINOIS | FED. AID PROJECT (IL. 2) •• DZ SPRING RS 2007-1 COUNTY 끮 SECTION



ASPHALT SURFACE

# SEQUENCE OF CONSTRUCTIONS

- 1. REMOVE THE EXISTING HOT-MIX ASPHALT SURFACE.
- 2. RESIDENT ENGINEER WILL DETERMINE IF LOCATION IS TO BE PATCHED OR TO ONLY REPLACE HOT-MIX ASPHALT SURFACE.
- 3. REMOVE AND REPLACE FULL DEPTH PATCHES AT LOCATIONS DIRECTED BY THE ENGINEER.
- 4. REPLACE HOT-MIX ASPHALT SURFACE OVER FULL DEPTH PATCHES AND AT LOCATIONS OF HOT-MIX ASPHALT SURFACE REMOVAL.

### GENERAL NOTES

-HOT-MIX ASPHALT REMOVAL OVER PATCHES FOR DEPTH SPECIFIED -PATCHING AS DIRECTED BY THE ENGINEER

- HOT-MIX ASPHALT REPLACEMENT OVER PATCHES

PROPOSED UNSUITABLE SUBGRADE

EXISTING PAVEMENT

REMOVAL AND REPLACEMENT

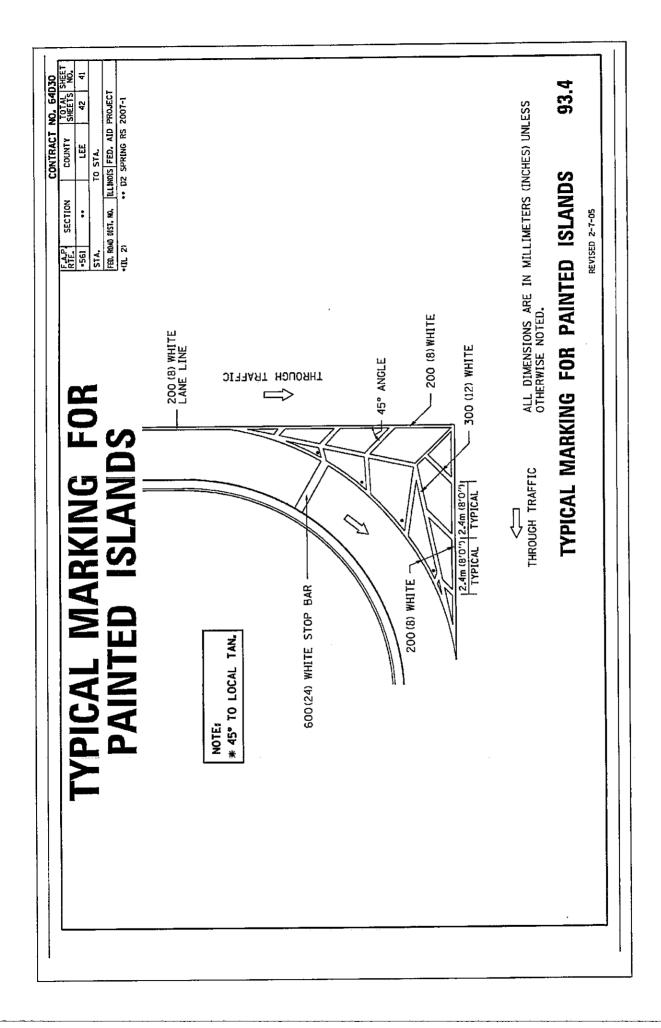
- 1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 300 (12) WIDER ON EACH SIDE OF THE TRENCH,
- 2. FOR BASIS OF PAYMENT: SEE SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

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

# PAVEMENT PATCHING FOR HOT-MIX ASPHALT SURFACED PAVEMENT

REVISED 10-10-06

32.4



CONTRACT NO. 64D30
COUNTY TOTAL SHEETS NO. STA. TO STA.

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

-(IL 2) --- D2 SPRING RS 2007-1 97.4 E SECTION SUBGRADE REPLACEMENT F.A.P. RTE. 561 -150 (6) (CA6 OR CAIO) SUBGRADE REPLACEMENT THE CA 6 OR CA 10 AND UNSUITABLE MATERIAL SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU YD FOR GRANULAR SUBGRADE REPLACEMENT. ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED. PATCH GEOTECHNICAL REINFORCEMENT -EXISTING PAVEMENT

### ILLINOIS DEPARTMENT OF LABOR

### PREVAILING WAGES FOR LEE COUNTY EFFECTIVE APRIL 2007

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.

### **Lee County Prevailing Wage for May 2007**

marada Nama	DC		D		0 007	0.011	TT /T.T	D	77	m
Trade Name		TYP C		FRMAN *M-F>				Pensn	Vac	Trng
AGDEGEOG ADE GEN	==									=====
ASBESTOS ABT-GEN		BLD		24.760 1.5	1.5		5.850			0.600
ASBESTOS ABT-MEC		BLD		24.800 1.5			7.860			0.000
BOILERMAKER		BLD		33.970 2.0			8.270			0.300
BRICK MASON		BLD		32.500 1.5	1.5		5.500			0.420
CARPENTER		BLD		30.010 1.5	1.5		6.100		0.000	0.600
CARPENTER		HWY		29.190 1.5	1.5		6.300			0.400
CEMENT MASON		ALL		32.500 1.5	1.5	2.0	5.500	7.530	0.000	0.100
CERAMIC TILE FNSHER		BLD	24.860	0.000 1.5	1.5	2.0	5.500	4.000	0.000	0.360
COMMUNICATION TECH		BLD	28.700	30.700 1.5	1.5	2.0	8.200	8.340	0.000	0.570
ELECTRIC PWR EQMT OP		ALL	27.920	35.880 1.5	1.5	2.0	4.750	7.820	0.000	0.210
ELECTRIC PWR GRNDMAN		ALL	21.640	35.880 1.5	1.5	2.0	4.750	6.060	0.000	0.160
ELECTRIC PWR LINEMAN		ALL	33.220	35.880 1.5	1.5	2.0	4.750	9.310	0.000	0.250
ELECTRIC PWR TRK DRV		ALL	22.340	35.880 1.5	1.5	2.0	4.750	6.260	0.000	0.170
ELECTRICIAN		BLD	33.570	36.930 1.5	1.5	2.0	8.200	11.15	0.000	0.670
ELEVATOR CONSTRUCTOR		BLD	38.620	43.450 2.0	2.0	2.0	8.275	6.060	2.320	0.000
GLAZIER		BLD	27.180	28.180 1.5	1.5		5.150		0.000	0.300
HT/FROST INSULATOR		BLD	33.300	35.050 1.5	1.5				0.000	0.310
IRON WORKER	N	ALL		32.300 2.0	2.0				0.000	
IRON WORKER	S	ALL		29.000 2.0	2.0				0.000	
LABORER	D	BLD		24.760 1.5	1.5		5.850			0.600
LABORER		HWY		24.060 1.5	1.5				0.000	
		HWY		25.460 1.5	1.5				0.000	
LABORER, SKILLED										
LATHER		BLD		30.010 1.5	1.5		6.100			0.600
MACHINIST		BLD		38.890 2.0	2.0		4.380			0.000
MARBLE FINISHERS		BLD	24.860	0.000 1.5	1.5		5.500			0.360
MARBLE MASON		BLD		28.390 1.5	1.5				0.000	
MATERIAL TESTER 1		ALL	21.550	0.000 1.5	1.5		7.460		0.000	
MATERIALS TESTER II		ALL	26.550	0.000 1.5	1.5		7.460			
MILLWRIGHT		BLD	32.000	35.200 1.5	1.5	2.0	6.100	9.250	0.000	0.560
OPERATING ENGINEER		BLD 1	37.050	41.050 2.0	2.0	2.0	6.850	6.150	1.900	0.700
OPERATING ENGINEER		BLD 2	36.350	41.050 2.0	2.0	2.0	6.850	6.150	1.900	0.700
OPERATING ENGINEER		BLD 3	33.900	41.050 2.0	2.0	2.0	6.850	6.150	1.900	0.700
OPERATING ENGINEER		BLD 4	31.900	41.050 2.0	2.0	2.0	6.850	6.150	1.900	0.700
OPERATING ENGINEER		HWY 1	36.900	40.900 1.5	1.5	2.0	6.850	6.150	1.900	0.700
OPERATING ENGINEER		HWY 2	36.350	40.900 1.5	1.5	2.0	6.850	6.150	1.900	0.700
OPERATING ENGINEER		HWY 3	35.050	40.900 1.5	1.5	2.0	6.850	6.150	1.900	0.700
OPERATING ENGINEER				40.900 1.5	1.5		6.850			0.700
OPERATING ENGINEER				40.900 1.5					1.900	
PAINTER		ALL		31.150 1.5					0.000	
PILEDRIVER		BLD		31.120 1.5					0.000	
PILEDRIVER		HWY		29.190 1.5					0.000	
PIPEFITTER		ALL		33.570 1.5					0.000	
PLASTERER		BLD		32.490 2.0					0.000	
									0.000	
PLUMBER		ALL		33.570 1.5						
ROOFER		BLD		35.650 1.5					0.000	
SHEETMETAL WORKER		BLD		33.620 1.5					0.520	
SPRINKLER FITTER		BLD		33.240 1.5					0.000	
STONE MASON		BLD		32.500 1.5					0.000	
TERRAZZO FINISHER		BLD	24.860	0.000 1.5					0.000	
TERRAZZO MASON		BLD		28.390 1.5					0.000	
TILE LAYER		BLD		30.010 1.5					0.000	
TILE MASON		BLD	28.140	28.390 1.5	1.5	2.0	5.500	5.220	0.000	0.380
TRUCK DRIVER			20.630	0.000 1.5					0.000	
TRUCK DRIVER		0&C 2	20.950	0.000 1.5	1.5	2.0	7.250	3.317	0.000	0.000
TRUCK DRIVER		O&C 3	21.110	0.000 1.5	1.5	2.0	7.250	3.317	0.000	0.000
TRUCK DRIVER			21.310	0.000 1.5					0.000	
TRUCK DRIVER			21.910	0.000 1.5					0.000	
TRUCK DRIVER	E			30.250 1.5					0.000	
	_									

TRUCK DRIVER	$\mathbf{E}$	ALL 2	29.850	30.250	1.5	1.5 2	2.0	6.500	3.400	0.000	0.000
TRUCK DRIVER	$\mathbf{E}$	ALL 3	30.050	30.250	1.5	1.5 2	2.0	6.500	3.400	0.000	0.000
TRUCK DRIVER	E	ALL 4	30.250	30.250	1.5	1.5 2	2.0	6.500	3.400	0.000	0.000
TRUCK DRIVER	W	ALL 1	25.787	0.000	1.5	1.5 2	2.0	7.250	3.317	0.000	0.000
TRUCK DRIVER	W	ALL 2	26.187	0.000	1.5	1.5 2	2.0	7.250	3.317	0.000	0.000
TRUCK DRIVER	W	ALL 3	26.387	0.000	1.5	1.5 2	2.0	7.250	3.317	0.000	0.000
TRUCK DRIVER	W	ALL 4	26.637	0.000	1.5	1.5 2	2.0	7.250	3.317	0.000	0.000
TRUCK DRIVER	W	ALL 5	27.387	0.000	1.5	1.5 2	2.0	7.250	3.317	0.000	0.000
TUCKPOINTER		BLD	30.000	32.500	1.5	1.5 2	2.0	5.500	8.680	0.000	0.420

### Legend:

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

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

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

H/W (Health & Welfare Insurance)

Pensn (Pension)

Vac (Vacation)

Trng (Training)

### **Explanations**

LEE COUNTY

IRONWORKERS (SOUTH) - That part of the county South of Route 30.

TRUCK DRIVERS (EAST) - That part of the county East of U.S. 251 and North of Route 30.

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

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

### EXPLANATION OF CLASSES

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

ASBESTOS - MECHANICAL - removal of asbestos material from mechanical

systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

### CERAMIC TILE FINISHER, MARBLE FINISHER, TERRAZZO FINISHER

Assisting, helping or supporting the tile, marble and terrazzo mechanic by performing their historic and traditional work assignments required to complete the proper installation of the work covered by said crafts. The term "Ceramic" is used for naming the classification only and is in no way a limitation of the product handled. Ceramic takes into consideration most hard tiles.

### COMMUNICATIONS TECHNICIAN

Installing, manufacturing, assembling and maintaining sound and intercom, protection alarm (security), fire alarm, master antenna television, closed circuit television, low voltage control for computers and/or door monitoring, school communications systems, telephones and servicing of nurse and emergency calls, and the installation and maintenance of transmit and receive antennas, transmitters, receivers, and associated apparatus which operates in conjunction with above systems. All work associated with these system installations will be included EXCEPT the installation of protective metallic conduit in new construction projects (excluding less than ten-foot runs strictly for protection of cable) and 120 volt AC (or higher) power wiring and associated hardware.

### LABORER, SKILLED - HIGHWAY

Individuals engaged in the following types of work, irrespective of the site of the work: asbestos abatement worker, handling of any materials with any foreign matter harmful to skin or clothing, track laborer, cement handlers, chloride handlers, the unloading and loading with steel workers and re-bars, concrete workers wet, tunnel helpers in free air, batch dumpers, mason tenders, kettle and tar men, tank cleaners, plastic installers, scaffold workers, motorized buggies or motorized unit used for wet concrete or handling of building materials, laborers with de-watering systems, sewer workers plus depth, rod and chainmen with technical engineers, rod and chainmen with land surveyors, rod and chainmen with surveyors, vibrator operators, cement silica, clay, fly ash, lime and plasters, handlers (bulk or bag), cofferdam workers plus depth, on concrete paving, placing, cutting and tying of reinforcing, deck hand, dredge hand, and shore laborers, bankmen on floating plant, grade checker, power tools, front end man on chip spreaders, cassion workers plus depth, qunnite nozzle men, lead man on sewer work, welders, cutters, burners and torchmen, chainsaw operators, jackhammer and drill operators, layout man and/or drainage tile layer, steel form setter - street and highway, air tamping hammermen, signal man on crane, concrete saw operator, screedman on asphalt pavers, laborers tending masons with hot material or where foreign materials are used, mortar mixer operators, multiple concrete duct - leadsman, lumen, asphalt raker, curb asphalt machine operator, ready mix scalemen (permanent, portable or temporary plant), laborers handling masterplate or similar materials, laser beam operator, concrete burning machine operator, coring machine operator, plaster tender, underpinning and shoring of buildings, pump men, manhole and catch basin, dirt and stone tamper, hose men on concrete pumps, hazardous waste worker, lead base paint abatement worker, lining of pipe, refusing machine, assisting on direct boring machine, the work of laying watermain, fire hydrants, all mechanical joints to watermain work, sewer worker, and tapping water service and forced lift station mechanical worker.

MATERIAL TESTER I: Hand coring and drilling for testing of materials; field inspection of uncured concrete and asphalt.

MATERIAL TESTER II: Field inspection of welds, structural steel, fireproofing, masonry, soil, facade, reinforcing steel, formwork, cured concrete, and concrete and asphalt batch plants; adjusting proportions of bituminous mixtures.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION - WEST

- 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 BUILDING, HEAVY AND HIGHWAY CONSTRUCTION EAST
- Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors; Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters; Unskilled dumpman; and Truck Drivers hauling warning lights, barricades, and portable toilets on the job site.
- Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yeards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.
- Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnatrailers or turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.
- Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted

crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

### 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 - BUILDING

- Class 1. Assistant Craft Foreman; Craft Foreman; Mechanic; Asphalt Plant; Asphalt Spreader; Autograde; Batch Plant; Benoto (requires Two Engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver; Concrete Placer; Concrete Pump (Truck Mounted); Concrete Tower, Cranes, All, Cranes, Hammerhead, Creter Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, one, two and three Drum; Hoists, Two tugger One Floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Locomotives, All; Motor Patrol; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes; Squeeze Cretes-screw Type Pumps; Gypsum Bulker and Pump; Raised and Blind Hole Drill; Rock Drill; Roto Mill Grinder; Scoops -Tractor Drawn; Slip-form Paver; Straddle Buggies; Tie Back Machine; Tractor with Book and Side Boom; Trenching Machines.
- Class 2. Bobcat (over 3/4 cu. yd.); Boilers Brick Forklift; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks; Greaser Engineer; Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum; Rollers, All; Steam Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.
- Class 3. Air Compressor; Asphalt Spreader; Combination Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators (Rheostat Manual Controlled); Hydraulic Power Units (Pile Driving and Extracting); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 small Electric Drill Winches; Bobcat (up to and including 3/4 cu. yd.).
- Class 4. Hoists, Inside Elevators, Push Button with Automatic Doors; Oilers; Brick Forklift.

## OPERATING ENGINEERS - HEAVY AND HIGHWAY CONSTRUCTION Class 1. Craft Foreman; Asphalt Plant, Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Silo Tender; Asphalt Spreader; Autograder; ABG Paver; Backhoes with Caisson attachment; Ballast Regulator, Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Backhoe w/shear attachments; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with

attachments); Concrete Breaker (Truck Mounted): Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Hammerhead, Linden, Peco & Machines of a like nature; Crete Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Directional Boring Machine over 12"; Dredges; Field Mechanic-Welder; Formless Curb and Gutter Machine; Gradall and Machines of a like nature; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Mounted; Hoists, One, Two and Three Drum; Hydraulic Backhoes; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill -Crawler or Skid Rig; Rock Drill - Truck Mounted; Rock/Track Tamper; Roto Mill Grinder; Slip-Form Paver; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; GCI Crane; Hydraulic Telescoping form (Tunnel); Tie Back Machine; Tractor Drawn Belt Loader; Tractor with Boom; Tractor-aire with Attachments; Traffic Barrier conveyor machine; Raised or Blind Hole; Trenching Machine; Truck Mounted Concrete Pump with Boom; Truck Mounted Concrete Conveyor; Underground Boring and/or Mining Machines; Wheel Excavator; Widener (APSCO).

Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve; Bulldozers; Car Loader Trailing Conveyors; Combination Backhoe Front Endloader Machine (less than 1 cu. yd. Backhoe Bucket or over or with attachments); Compressor and Throttle Valve; Compressor, Common Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S Series to and including 27 cu. ft.; Concrete Spreader; Concrete Curing Machine, Burlap Machine, Belting Machine and Sealing Machine; Conveyor Muck Cars (Haglund or Similar Type); Drills, all; Finishing Machine - Concrete; Greaser Engineer; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro Blaster; Laser Screed; All Locomotives, Dinky; Pump Cretes; Squeeze Cretes-Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotory Snow Plows; Rototiller, Seaman, etc., self-propelled; Scoops -Tractor Drawn; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper; Scraper - Prime Mover in Tandem (Regardless of Size); Tank Car Heater; Tractors, Push, Pulling Sheeps Foot, Disc, Compactor, etc. Tug Boats.

Class 3. Boilers; Brooms, All Power Propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer (Two Bag and Over); Conveyor, Portable; Farm-Type Tractors Used for Mowing, Seeding, etc.; Fireman on Boilers; Forklift Trucks; Grouting Machine; Hoists, Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Jeep Diggers, Low Boys; Pipe Jacking Machines; Post-Hole Digger; Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than asphalt; Seed and Straw Blower; Steam Generators; Stump Machine; Winch Trucks with "A" Frame; Work Boats; Tamper - Form-Motor Driven.

Class 4. Air Compressor - Small and Large; Asphalt Spreader, Backend Man; Bobcat (Skid Steer) all; Combination - Small Equipment Operator; Directional Boring Machine up to 12"; Generators - Small 50kw and Under; Generators - Large over 50kw; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Hydro-Blaster; Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Tract-aire; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. Oilers and Directional Boring Machine Locator. 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.