

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

PREQUALIFICATION

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

REQUESTS FOR AUTHORIZATION TO BID

Contractors 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 <http://www.dot.il.gov/desenv/delett.html> 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 Timothy.Garman@illinois.gov.

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

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

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

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

WHO SHOULD BE CALLED IF ASSISTANCE IS NEEDED?

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

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RETURN WITH BID

Proposal Submitted By
Name
Address
City

Letting June 13, 2008

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

NOTICE TO PROSPECTIVE BIDDERS

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

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



**Illinois Department
of Transportation**

Springfield, Illinois 62764

**Contract No. 64D45
BOONE County
Section L-RS-3
District 2 Construction Funds
Route FAP 517**

PLEASE MARK THE APPROPRIATE BOX BELOW:

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

Plans Included
Herein

Prepared by

S

Checked by

(Printed by authority of the State of Illinois)

INSTRUCTIONS

ABOUT IDOT PROPOSALS: All proposals issued by IDOT are potential bidding proposals. Each proposal contains all Certifications and Affidavits, a Proposal Signature Sheet and a Proposal Bid Bond required for Prime Contractors to submit a bid after written **Authorization to Bid** has been issued by IDOT's Central Bureau of Construction.

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

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

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

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

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RETURN WITH BID



PROPOSAL

TO THE DEPARTMENT OF TRANSPORTATION

1. Proposal of _____

Taxpayer Identification Number (Mandatory) _____ a

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

**Contract No. 64D45
BOONE County
Section L-RS-3
Route FAP 517
District 2 Construction Funds**

3.26 miles of HMA resurfacing on U.S. Business Route 20 from Shaw Road located east of the Winnebago County Line to Highline Street in Belvidere.

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

RETURN WITH BID

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

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

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

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

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

Attach Cashier's Check or Certified Check Here	
In the event that one proposal guaranty check is intended to cover two or more proposals, the amount must be equal to the sum of the proposal guaranties which would be required for each individual proposal. If the guaranty check is placed in another proposal, state below where it may be found.	
The proposal guaranty check will be found in the proposal for:	Item _____
	Section No. _____
	County _____

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

RETURN WITH BID

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

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

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

Schedule of Combination Bids

Combination No.	Sections Included in Combination	Combination Bid	
		Dollars	Cents

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

8. **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 -

64D45

State Job # - C-92-076-08
 PPS NBR - 2-11540-0200
 County Name - BOONE- -
 Code - 7 - -
 District - 2 - -
 Section Number - L-RS-3

Project Number

Route
 FAP 517

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	134.000				
Z0028700	GRAN SUBGRADE REPL	CU YD	22.000				
Z0040315	PILOT CAR	DAY	2.000				
35101400	AGG BASE CSE B	TON	70.000				
40600200	BIT MATLS PR CT	TON	38.400				
40600300	AGG PR CT	TON	93.600				
40600535	LEV BIND HM N70	TON	37.000				
40600635	LEV BIND MM N70	TON	3,478.000				
40600895	CONSTRUC TEST STRIP	EACH	1.000				
40600982	HMA SURF REM BUTT JT	SQ YD	765.000				
40600990	TEMPORARY RAMP	SQ YD	575.000				
40601005	HMA REPL OVER PATCH	TON	198.000				
40603340	HMA SC "D" N70	TON	5,300.000				
40800050	INCIDENTAL HMA SURF	TON	1,043.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
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 County Name - BOONE- -
 Code - 7 - -
 District - 2 - -
 Section Number - L-RS-3

Project Number

Route
 FAP 517

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
44000157	HMA SURF REM 2	SQ YD	7,444.000				
44002226	HMA RM OV PATCH 6 1/2	SQ YD	543.000				
44200108	PAVT PATCH T2 9	SQ YD	67.000				
44200116	PAVT PATCH T1 10	SQ YD	67.000				
44300200	STRIP REF CR CON TR	FOOT	2,000.000				
48102100	AGG WEDGE SHLD TYPE B	TON	1,910.000				
67000400	ENGR FIELD OFFICE A	CAL MO	4.000				
67100100	MOBILIZATION	L SUM	1.000				
70100450	TRAF CONT-PROT 701201	L SUM	1.000				
70100460	TRAF CONT-PROT 701306	L SUM	1.000				
70102622	TR CONT & PROT 701502	L SUM	1.000				
70102635	TR CONT & PROT 701701	L SUM	1.000				
70103815	TR CONT SURVEILLANCE	CAL DA	10.000				
70300100	SHORT-TERM PAVT MKING	FOOT	13,245.000				
70301000	WORK ZONE PAVT MK REM	SQ FT	1,472.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER -

64D45

State Job # - C-92-076-08
 PPS NBR - 2-11540-0200
 County Name - BOONE- -
 Code - 7 - -
 District - 2 - -
 Section Number - L-RS-3

Project Number

Route
 FAP 517

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
78000100	THPL PVT MK LTR & SYM	SQ FT	359.000				
78000200	THPL PVT MK LINE 4	FOOT	29,253.000				
78000500	THPL PVT MK LINE 8	FOOT	1,732.000				
78000600	THPL PVT MK LINE 12	FOOT	1,444.000				
78000650	THPL PVT MK LINE 24	FOOT	99.000				
78001110	PAINT PVT MK LINE 4	FOOT	62,470.000				
78001180	PAINT PVT MK LINE 24	FOOT	60.000				
78100100	RAISED REFL PAVT MKR	EACH	513.000				
78300200	RAISED REF PVT MK REM	EACH	442.000				

CONTRACT NUMBER

64D45

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.**

RETURN WITH BID

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

I. GENERAL

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

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

C. In addition to all other remedies provided by law, failure to comply with any assurance, failure to make any disclosure or the making of a false certification shall be grounds for termination of the contract and the suspension or debarment of the bidder.

II. ASSURANCES

A. The assurances hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder. The Department may terminate the contract if it is later determined that the bidder rendered a false or erroneous assurance, and the surety providing the performance bond shall be responsible for the completion of the contract.

B. Felons

1. The Illinois Procurement Code provides:

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

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

C. Conflicts of Interest

1. The Illinois Procurement Code provides in pertinent part:

Section 50-13. Conflicts of Interest.

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

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

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

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

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

The current salary of the Governor is \$171,000.00. Sixty percent of the salary is \$102,600.00.

RETURN WITH BID

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

D. Negotiations

1. The Illinois Procurement Code provides in pertinent part:

Section 50-15. Negotiations.

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

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

E. Inducements

1. The Illinois Procurement Code provides:

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

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

F. Revolving Door Prohibition

1. The Illinois Procurement Code provides:

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

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

G. Reporting Anticompetitive Practices

1. The Illinois Procurement Code provides:

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

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

H. Confidentiality

1. The Illinois Procurement Code provides:

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

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

RETURN WITH BID

I. Insider Information

1. The Illinois Procurement Act provides:

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

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

III. CERTIFICATIONS

A. The certifications hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder. The Department may terminate the contract if it is later determined that the bidder rendered a false or erroneous certification, and the surety providing the performance bond shall be responsible for completion of the contract.

B. Bribery

1. The Illinois Procurement Code provides:

Section 50-5. Bribery.

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

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

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

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

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

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

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

(d) Certification. Every bid submitted to and contract executed by the State shall contain a certification by the contractor that the contractor is not barred from being awarded a contract or subcontract under this Section. A contractor who makes a false statement, material to the certification, commits a Class 3 felony.

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

C. Educational Loan

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

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

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

D. Bid-Rigging/Bid Rotating

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

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

RETURN WITH BID

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

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

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

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

E. International Anti-Boycott

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

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

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

F. Drug Free Workplace

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

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

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

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

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

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

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

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

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

G. Debt Delinquency

1. The Illinois Procurement Code provides:

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

The contractor or bidder certifies that it, or any affiliate, is not barred from being awarded a contract under 30 ILCS 500. Section 50-11 prohibits a person from entering into a contract with a State agency if it knows or should know that it, or any affiliate, is delinquent in the payment of any debt to the State as defined by the Debt Collection Board. Section 50-12 prohibits a person from entering into a contract with a State agency if it, or any affiliate, has failed to collect and remit Illinois Use Tax on all sales of tangible personal property into the State of Illinois in accordance with the provisions of the Illinois Use Tax Act. The contractor further acknowledges that the contracting State agency may declare the contract void if this certification is false or if the contractor, or any affiliate, is determined to be delinquent in the payment of any debt to the State during the term of the contract.

H. Sarbanes-Oxley Act of 2002

1. The Illinois Procurement Code provides:

Section 50-60(c).

The contractor certifies in accordance with 30 ILCS 500/50-10.5 that no officer, director, partner or other managerial agent of the contracting business has been convicted of a felony under the Sarbanes-Oxley Act of 2002 or a Class 3 or Class 2 felony under the Illinois Securities Law of 1953 for a period of five years prior to the date of the bid or contract. The contractor acknowledges that the contracting agency shall declare the contract void if this certification is false.

I. Addenda

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

J. Section 42 of the Environmental Protection Act

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

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

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

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

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

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

M. Disclosure of Business Operations in Iran

Public Act 95-0616 provides that each bid, offer, or proposal submitted for a State contract shall include a disclosure of whether or not the Company acting as the bidder, offeror, or proposing entity, or any of its corporate parents or subsidiaries, within the 24 months before submission of the bid, offer, or proposal had business operations that involved contracts with or provision of supplies or services to the Government of Iran, companies in which the Government of Iran has any direct or indirect equity share, consortiums or projects commissioned by the Government of Iran, or companies involved in consortiums or projects commissioned by the Government of Iran and either of the following conditions apply:

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

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

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

Check the appropriate statement:

Company has no business operations in Iran to disclose.

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

NOTICE

**PA 95-0635 SUBSTANCE ABUSE PREVENTION PROGRAM (SAPP)
Effective January 1, 2008**

This Public Act requires that all contractors and subcontractors have a SAPP, meeting certain requirements, in place before starting work.

The as read low bidder is required to submit a correctly completed SAPP Certification Form BC 261 within seven (7) working days after the Letting. The Department will not accept a SAPP that 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 failure to comply the Department may elect to cause the forfeiture of the penal sum of the bidder's proposal guaranty, may deny authorization to bid the project if re-advertised for bids and may not allow the bidder to participate on subsequent Lettings.

Submittal and approval of the bidder's SAPP is a condition of award.

The SAPP is to be submitted to the Bureau of Design & Environment, Contracts Office, Room 326, 2300 South Dirksen Parkway, Springfield, IL 62764. Voice 217-782-7806. Fax 217-785-1141. It is the bidder's responsibility to obtain confirmation of delivery.

The requirements of this Public Act are a material part of the contract, and the contractor shall require this provision to be included in all approved subcontracts. The contractor shall submit the correctly completed SAPP Certification Form BC 261 for each subcontractor with the Request for Approval of Subcontractor Form BC 260A.

TO BE RETURNED WITH BID

IV. DISCLOSURES

A. The disclosures hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder. The Department may terminate the contract if it is later determined that the bidder rendered a false or erroneous disclosure, and the surety providing the performance bond shall be responsible for completion of the contract.

B. Financial Interests and Conflicts of Interest

1. Section 50-35 of the Illinois Procurement Code provides that all bids of more than \$10,000 shall be accompanied by disclosure of the financial interests of the bidder. This disclosed information for the successful bidder, will be maintained as public information subject to release by request pursuant to the Freedom of Information Act.

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

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

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

C. Disclosure Form Instructions

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

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

CERTIFICATION STATEMENT

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

(Bidding Company)



Signature of Authorized Representative

Date

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

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

1. Does anyone in your organization have a direct or beneficial ownership share of greater than 5% of the bidding entity or parent entity? YES ___ NO ___
2. Does anyone in your organization have a direct or beneficial ownership share of less than 5%, but which has a value greater than \$102,600.00? YES ___ NO ___
3. Does anyone in your organization receive more than \$102,600.00 of the bidding entity's or parent entity's distributive income? (Note: Distributive income is, for these purposes, any type of distribution of profits. An annual salary is not distributive income.) YES ___ NO ___
4. Does anyone in your organization receive greater than 5% of the bidding entity's or parent entity's total distributive income, but which is less than \$102,600.00? YES ___ NO ___

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

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

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

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

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

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

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

D. Bidders Submitting More Than One Bid

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

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

**ILLINOIS DEPARTMENT
OF TRANSPORTATION**

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

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

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

DISCLOSURE OF FINANCIAL INFORMATION

1. Disclosure of Financial Information. The individual named below has an interest in the BIDDER (or its parent) in terms of ownership or distributive income share in excess of 5%, or an interest which has a value of more than \$102,600.00 (60% of the Governor's salary as of 7/1/07). **(Make copies of this form as necessary and attach a separate Disclosure Form A for each individual meeting these requirements)**

FOR INDIVIDUAL (type or print information)

NAME: _____

ADDRESS _____

Type of ownership/distributable income share:

stock _____ sole proprietorship _____ Partnership _____ other: (explain on separate sheet):
% or \$ value of ownership/distributable income share: _____

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

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

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

1. Are you currently an officer or employee of either the Capitol Development Board or the Illinois Toll Highway Authority? Yes ___ No ___
2. Are you currently appointed to or employed by any agency of the State of Illinois? If you are currently appointed to or employed by any agency of the State of Illinois, and your annual salary exceeds \$102,600.00, (60% of the Governor's salary as of 7/1/07) provide the name the State agency for which you are employed and your annual salary. _____

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- 3. If you are currently appointed to or employed by any agency of the State of Illinois, and your annual salary exceeds \$102,600.00, (60% of the Governor's salary as of 7/1/07) are you entitled to receive (i) more than 7 1/2% of the total distributable income of your firm, partnership, association or corporation, or (ii) an amount in excess of the salary of the Governor? Yes ___ No ___
- 4. If you are currently appointed to or employed by any agency of the State of Illinois, and your annual salary exceeds \$102,600.00, (60% of the Governor's salary as of 7/1/07) are you and your spouse or minor children entitled to receive (i) more than 15 % in the aggregate of the total distributable income of your firm, partnership, association or corporation, or (ii) an amount in excess of 2 times the salary of the Governor? Yes ___ No ___

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

Yes ___ No ___

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

- 1. Is your spouse or any minor children currently an officer or employee of the Capitol Development Board or the Illinois Toll Highway Authority? Yes ___ No ___
- 2. Is your spouse or any minor children currently appointed to or employed by any agency of the State of Illinois? If your spouse or minor children is/are currently appointed to or employed by any agency of the State of Illinois, and his/her annual salary exceeds \$102,600.00, (60 % of the Governor's salary as of 7/1/07) provide the name of your spouse and/or minor children, the name of the State agency for which he/she is employed and his/her annual salary. _____

- 3. If your spouse or any minor children is/are currently appointed to or employed by any agency of the State of Illinois, and his/her annual salary exceeds \$102,600.00, (60% of the salary of the Governor as of 7/1/07) are you entitled to receive (i) more then 71/2% of the total distributable income of your firm, partnership, association or corporation, or (ii) an amount in excess of the salary of the Governor? Yes ___ No ___
- 4. If your spouse or any minor children are currently appointed to or employed by any agency of the State of Illinois, and his/her annual salary exceeds \$102,600.00, (60% of the Governor's salary as of 7/1/07) are you and your spouse or minor children entitled to receive (i) more than 15 % in the aggregate of the total distributable income of your firm, partnership, association or corporation, or (ii) an amount in excess of 2 times the salary of the Governor? Yes ___ No ___

(c) Elective status; the holding of elective office of the State of Illinois, the government of the United States, any unit of local government authorized by the Constitution of the State of Illinois or the statutes of the State of Illinois currently or in the previous 3 years.

Yes ___ No ___

(d) Relationship to anyone holding elective office currently or in the previous 2 years; spouse, father, mother, son, or daughter.

Yes ___ No ___

(e) Appointive office; the holding of any appointive government office of the State of Illinois, the United States of America, or any unit of local government authorized by the Constitution of the State of Illinois or the statutes of the State of Illinois, which office entitles the holder to compensation in excess of the expenses incurred in the discharge of that office currently or in the previous 3 years.

Yes ___ No ___

(f) Relationship to anyone holding appointive office currently or in the previous 2 years; spouse, father, mother, son, or daughter.

Yes ___ No ___

(g) Employment, currently or in the previous 3 years, as or by any registered lobbyist of the State government.

Yes ___ No ___

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

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

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

APPLICABLE STATEMENT

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

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

NOT APPLICABLE STATEMENT

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

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

_____ Date _____
Signature of Authorized Representative

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ILLINOIS DEPARTMENT
OF TRANSPORTATION

Form B
Other Contracts &
Procurement Related Information
Disclosure

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

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

DISCLOSURE OF OTHER CONTRACTS AND PROCUREMENT RELATED INFORMATION

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

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

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

THE FOLLOWING STATEMENT MUST BE CHECKED

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

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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.

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**Contract No. 64D45
BOONE County
Section L-RS-3
Route FAP 517
District 2 Construction Funds**

PART II. WORKFORCE PROJECTION - continued

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

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

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

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

PART III. AFFIRMATIVE ACTION PLAN

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

B. The undersigned bidder understands and agrees that the minority and female employee utilization projection submitted herein, and the goals and timetable included under an Affirmative Action Plan if required, are deemed to be part of the contract specifications.

Company _____ Telephone Number _____

Address _____

NOTICE REGARDING SIGNATURE

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

Signature: _____ Title: _____ Date: _____

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

RETURN WITH BID

**Contract No. 64D45
BOONE County
Section L-RS-3
Route FAP 517
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) Signature of Owner _____
Business Address _____

Firm Name _____
By _____
(IF A CO-PARTNERSHIP) Business Address _____

Name and Address of All Members of the Firm:

Corporate Name _____
By _____
Signature of Authorized Representative

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

Corporate Name _____
By _____
Signature of Authorized Representative

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

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



Return with Bid

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

Item No. _____

Letting Date _____

KNOW ALL MEN BY THESE PRESENTS, That We _____

as PRINCIPAL, and _____

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

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

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

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

In TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this _____ day of _____ A.D., _____.

PRINCIPAL

(Company Name)

(Company Name)

By: _____
(Signature & Title)

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

Notary Certification for Principal and Surety

STATE OF ILLINOIS,

County of _____

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

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

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

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

My commission expires _____

Notary Public

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

Electronic Bid Bond ID# _____

Company / Bidder Name _____

Signature and Title _____

PROPOSAL ENVELOPE



PROPOSALS

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

Item No.	Item No.	Item No.

Submitted By:

Name:
Address:
Phone No.

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

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

NOTICE

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

CONTRACTOR OFFICE COPY OF CONTRACT SPECIFICATIONS

NOTICE

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

**Contract No. 64D45
BOONE County
Section L-RS-3
Route FAP 517
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 13, 2008. All bids will be gathered, sorted, publicly opened and read in the auditorium at the Department of Transportation's Harry R. Hanley Building shortly after the 10:00 a.m. cut off time.

2. **DESCRIPTION OF WORK.** The proposed improvement is identified and advertised for bids in the Invitation for Bids as:

**Contract No. 64D45
BOONE County
Section L-RS-3
Route FAP 517
District 2 Construction Funds**

3.26 miles of HMA resurfacing on U.S. Business Route 20 from Shaw Road located east of the Winnebago County Line to Highline Street in Belvidere.

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

(b) State law, and, if the work is to be paid wholly or in part with Federal-aid funds, Federal law requires the bidder to make various certifications as a part of the proposal and contract. By execution and submission of the proposal, the bidder makes the certification contained therein. A false or fraudulent certification shall, in addition to all other remedies provided by law, be a breach of contract and may result in termination of the contract.

4. **AWARD CRITERIA AND REJECTION OF BIDS.** This contract will be awarded to the lowest responsive and responsible bidder considering conformity with the terms and conditions established by the Department in the rules, Invitation for Bids and contract documents. The issuance of plans and proposal forms for bidding based upon a prequalification rating shall not be the sole determinant of responsibility. The Department reserves the right to determine responsibility at the time of award, to reject any or all proposals, to readvertise the proposed improvement, and to waive technicalities.

By Order of the
Illinois Department of Transportation

Milton R. Sees, Secretary

BD 351 (Rev. 01/2003)

INDEX
FOR
SUPPLEMENTAL SPECIFICATIONS
AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2008

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

ERRATA Standard Specifications for Road and Bridge Construction (Adopted 1-1-07) (Revised 1-1-08)

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RECURRING SPECIAL PROVISIONS

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

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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 517 (US Bus 20), Section L-RS-3, Boone County, Contract #64D45, Job No. D-92-090-07, 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

US Business Route 20 from Shaw Road east of the Winnebago County Line to Highline Street in Belvidere.

DESCRIPTION OF PROJECT

Patching and hot-mix asphalt resurfacing.

TRAFFIC CONTROL PLAN

Effective January 14, 1999

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

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

Standards:

701006	701011	701101	701201	701301	701306
701311	701502	701602	701701	701901	720011
728001	729001				

Details:

Lane Closure Details
Rough Grooved Surface Sign (DS 91.2)
District Standard 94.2

Signs:

No bracing shall be allowed on post-mounted signs.

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

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

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

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

"LOW SHOULDER" W8-9(O)48 signs shall be installed at 2 mile intervals or as directed by the Engineer.

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

Devices:

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

Flaggers:

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

In addition to the flaggers shown on applicable standards, on major sideroads listed below, flaggers shall be required on all legs of the intersection. Major sideroads for this project shall be Olson Road, Beaver Valley Road and Town Hall Road.

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

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

Highway Standards Application.

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

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

This work shall be included in the contract unit price per Lump Sum for TRAFFIC CONTROL AND PROTECTION STANDARD 710701.

Pilot Car: During the bituminous priming operation, the Contractor shall be required to provide a pilot car to lead the traffic through the areas primed.

The pilot car shall be a pickup truck, carrying the Contractor's company insignia, equipped with "PILOT CAR - FOLLOW ME" (G-20-4(0)) signs. Two signs shall be mounted on the vehicle so as to be clearly visible from both directions. The bottom of the sign shall be mounted at least 300 mm (one foot) above the top of the cab. The pilot car shall be equipped with a two-way radio so normal communication with the flagger at each end of the work area can be maintained.

The pilot car shall be paid for by the day. If the pilot car is used less than four hours, the operation will be counted as a half day.

This work will be paid for at the contract unit price Per Day for PILOT CAR for each car required by the Engineer.

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

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

The sawing of patches, resurfacing and placing of shoulder aggregate shall be completed using Traffic Control and Protection Standards 701201 and 701306.

The pavement patch removal and replacement shall be completed using Traffic Control and Protection Standard 701201 and 701502.

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

The milling, resurfacing and placing of shoulder aggregate shall be completed using Traffic Control and Protection Standards 701306, 701502, and District Standard 94.2. The payment for District Standard 94.2 shall be included in Traffic Control and Protection Standard 701502.

Placing and removing pavement marking shall be completed using Traffic Control and Protection Standard 701306, 701311 or 701701.

Traffic on two-lane sideroads shall be maintained using Traffic Control and Protection Standards 701201, and 701502 on multi-lane sideroads.

When work is being done on US Bus 20 between Van Epps/Davis Drive and High Line Street, traffic shall be maintained as shown in the lane closure details in the plans and Traffic Control and Highway Standard 701602, 701502. This work shall be paid for under Traffic Control and Protection Standard 701502.

ENGINEER'S FIELD OFFICE TYPE A

Effective: December 8, 2006

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

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

Each mobile phone must have the following capabilities:

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

Each Wireless Data Router must have the following capabilities:

Connection

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

Router

5. A minimum of four (4) Ethernet ports for wired connection
6. Be capable of 802.11b & g for wireless LAN Interface
7. Configurable ability to port data to fax capabilities through the router using efax or IP fax devices
8. Automatic receipt of IP addresses with DHCP server
9. Configurable OFDM (Orthogonal Frequency Division Multiplexing) technology

Security

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

Misc.

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

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

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

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

Effective: January 1, 2007

Revised: February 20, 2008

Description: This work shall consist of testing the density of longitudinal joints as part of the quality control/quality assurance (QC/QA) of hot-mix asphalt (HMA). This work shall be according to Section 1030 of the Standard Specifications except as follows.

Definitions:

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

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

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

Quality Control/Quality Assurance (QC/QA)

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

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

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

“Longitudinal joint density testing shall be performed at each random density test location. Longitudinal joint testing shall be located at a distance equal to the lift thickness, or a minimum of two inches, from each pavement edge (i.e. for a four inch lift the near edge of the density gauge or core barrel shall be within four inches from the edge of pavement). It shall be documented as to whether the joint was confined or unconfined.

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

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

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

AUTOMATED FLAGGER ASSISTANCE DEVICES (BDE)

Effective: January 1, 2008

Description. This work shall consist of furnishing and operating automated flagger assistance devices (AFADs) as part of the work zone traffic control and protection for two-lane highways where two-way traffic is maintained over one lane of pavement. Use of these devices shall be at the option of the Contractor.

Equipment. AFADs shall be according to the FHWA memorandum, “MUTCD - Revised Interim Approval for the use of Automated Flagger Assistance Devices in Temporary Traffic Control Zones (IA-4R)”, dated January 28, 2005. The devices shall be mounted on a trailer or a moveable cart and shall meet the requirements of NCHRP 350, Category 4.

The AFAD shall be the Stop/Slow type. This device uses remotely controlled “STOP” and “SLOW” signs to alternately control right-of-way.

Signs for the AFAD shall be according to Article 701.03 of the Standard Specifications and the MUTCD. The signs shall be 24 x 24 in. (600 x 600 mm) having an octagon shaped “STOP” sign on one side and a diamond shaped “SLOW” sign on the opposite side. The letters on the signs shall be 8 in. (200 mm) high. If the “STOP” sign has louvers, the full sign face shall be visible at a distance of 50 ft (15 m) and greater.

The signs shall be supplemented with one of the following types of lights.

- (a) Flashing Lights. When flashing lights are used, white or red flashing lights shall be mounted within the “STOP” sign face and white or yellow flashing lights within the “SLOW” sign face.
- (b) Stop and Warning Beacons. When beacons are used, a stop beacon shall be mounted 24 in. (600 mm) or less above the “STOP” sign face and a warning beacon mounted 24 in. (600 mm) or less above, below, or to the side of the “SLOW” sign face. As an option, a Type B warning light may be used in lieu of the warning beacon.

A “WAIT ON STOP” sign shall be placed on the right hand side of the roadway at a point where drivers are expected to stop. The sign shall be 24 x 30 in. (600 x 750 mm) with a black legend and border on a white background. The letters shall be at least 6 in. (150 mm) high.

This device may include a gate arm or mast arm that descends to a horizontal position when the “STOP” sign is displayed and rises to a vertical position when the “SLOW” sign is displayed. When included, the end of the arm shall reach at least to the center of the lane being controlled. The arm shall have alternating red and white retroreflective stripes, on both sides, sloping downward at 45 degrees toward the side on which traffic will pass. The stripes shall be 6 in. (150 mm) in width and at least 2 in. (50 mm) in height.

Flagging Requirements. Flaggers and flagging requirements shall be according to Article 701.13 of the Standard Specifications and the following.

AFADs shall be placed at each end of the traffic control, where a flagger is shown on the plans. The flaggers shall be able to view the face of the AFAD and approaching traffic during operation.

To stop traffic, the "STOP" sign shall be displayed, the corresponding lights/beacon shall flash, and when included, the gate arm shall descend to a horizontal position. To permit traffic to move, the "SLOW" sign shall be displayed, the corresponding lights/beacon shall flash, and when included, the gate arm shall rise to a vertical position.

If used at night, the AFAD location shall be illuminated according to Section 701 of the Standard Specifications.

When not in use, AFADs will be considered nonoperating equipment and shall be stored according to Article 701.11 of the Standard Specifications.

Basis of Payment. This work will not be paid for separately but shall be considered as included in the cost of the various traffic control items included in the contract.

CEMENT (BDE)

Effective: January 1, 2007

Revised: November 1, 2007

Revise Section 1001 of the Standard Specifications to read:

"SECTION 1001. CEMENT

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

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

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

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

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

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

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

The total of all organic processing additions shall be a maximum of 1.0 percent by weight (mass) of the cement. Organic processing additions shall be limited to grinding aids as defined in (a) above. Inorganic processing additions shall not be used.

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

Portland blast-furnace slag cement shall be according to ASTM C 595 and shall meet the standard physical and chemical requirements. Type I(SM) slag-modified portland cement may be used for cast-in-place, precast, and precast prestressed concrete, except when Class PP concrete is used. All other cements referenced in ASTM C 595 may be used when approved by the Engineer.

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

The total of all organic processing additions shall be a maximum of 1.0 percent by weight (mass) of the cement. Organic processing additions shall be limited to grinding aids as defined in (a) above. Inorganic processing additions shall not be used.

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

- (1) The cement shall have a maximum final set of 25 minutes, according to Illinois Modified ASTM C 191.
 - (2) The cement shall have a minimum compressive strength of 2000 psi (13,800 kPa) at 3.0 hours, and 4000 psi (27,600 kPa) at 24.0 hours, according to Illinois Modified ASTM C 109.
 - (3) The cement shall have a maximum drying shrinkage of 0.050 percent at seven days, according to Illinois Modified ASTM C 596.
 - (4) The cement shall have a maximum expansion of 0.020 percent at 14 days, according to Illinois Modified ASTM C 1038.
 - (5) The cement shall have a minimum 80 percent relative dynamic modulus of elasticity; and shall not have a weight (mass) gain in excess of 0.15 percent or a weight (mass) loss in excess of 1.0 percent, after 100 cycles, according to Illinois Modified AASHTO T 161, Procedure B. At 100 cycles, the specimens are measured and weighed at 73 °F (23 °C).
- (e) Calcium Aluminate Cement. Calcium aluminate cement shall be used when specified by the Engineer. The cement shall meet the standard physical requirements for Type I cement according to ASTM C 150, except the time of setting shall not apply. The chemical requirements shall be determined according to ASTM C 114 and shall be as follows: minimum 38 percent aluminum oxide (Al_2O_3), maximum 42 percent calcium oxide (CaO), maximum 1 percent magnesium oxide (MgO), maximum 0.4 percent sulfur trioxide (SO_3), maximum 1 percent loss on ignition, and maximum 3.5 percent insoluble residue.

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

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

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

DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION (BDE)

Effective: September 1, 2000

Revised: January 1, 2007

FEDERAL OBLIGATION. The Department of Transportation, as a recipient of federal financial assistance, is required to take all necessary and reasonable steps to ensure nondiscrimination in the award and administration of contracts. Consequently, the federal regulatory provisions of 49 CFR part 26 apply to this contract concerning the utilization of disadvantaged business

enterprises. For the purposes of this Special Provision, a disadvantaged business enterprise (DBE) means a business certified by the Department in accordance with the requirements of 49 CFR part 26 and listed in the DBE Directory or most recent addendum.

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

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

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

OVERALL GOAL SET FOR THE DEPARTMENT. As a requirement of compliance with 49 CFR part 26, the Department has set an overall goal for DBE participation in its federally assisted contracts. That goal applies to all federal-aid funds the Department will expend in its federally assisted contracts for the subject reporting fiscal year. The Department is required to make a good faith effort to achieve the overall goal. The dollar amount paid to all approved DBE 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 **6.0%** of the work. This percentage is set as the DBE participation goal for this contract. Consequently, in addition to the other award criteria established for this contract, the Department will award this contract to a bidder who makes a good faith effort to meet this goal of DBE participation in the performance of the work. A bidder makes a good faith effort for award consideration if either of the following is done in accordance with the procedures set forth in this Special Provision:

- (a) The bidder documents that firmly committed DBE participation has been obtained to meet the goal; or

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

DBE LOCATOR REFERENCES. Bidders may consult the 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.

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

- (a) In order to assure the timely award of the contract, the as-read low bidder shall submit a Disadvantaged Business Utilization Plan on Department form SBE 2026 within seven working days after the date of letting. To meet the seven day requirement, the bidder may send the Plan by certified mail or delivery service within the seven working day period. If a question arises concerning the mailing date of a Plan, the mailing date will be established by the U.S. Postal Service postmark on the original certified mail receipt from the U.S. Postal Service or the receipt issued by a delivery service. It is the responsibility of the bidder to ensure that the postmark or receipt date is affixed within the seven working days if the bidder intends to rely upon mailing or delivery to satisfy the submission day requirement. The Plan is to be submitted to the Department of Transportation, Bureau of Small Business Enterprises, Contract Compliance Section, 2300 South Dirksen Parkway, Room 319, Springfield, Illinois 62764 (Telefax: (217)785-1524). It is the responsibility of the bidder to obtain confirmation of telefax delivery. The Department will not accept a Utilization Plan if it does not meet the seven day submittal requirement and the bid will be declared not responsive. In the event the bid is declared not responsive due to a failure to submit a Plan or failure to comply with the bidding procedures set forth herein, the Department may elect to cause the forfeiture of the penal sum of the bidder's proposal guaranty, and may deny authorization to bid the project if re-advertised for bids. The Department reserves the right to invite any other bidder to submit a Utilization Plan at any time for award consideration or to extend the time for award.
- (b) The Utilization Plan shall indicate that the bidder either has obtained sufficient DBE participation commitments to meet the contract goal or has not obtained enough DBE participation commitments in spite of a good faith effort to meet the goal. The Utilization Plan shall further provide the name, telephone number, and telefax number of a responsible official of the bidder designated for purposes of notification of plan approval or disapproval under the procedures of this Special Provision.
- (c) The Utilization Plan shall include a DBE Participation Commitment Statement, Department form SBE 2025, for each DBE proposed for the performance of work to achieve the contract goal. The signatures on these forms must be original signatures.

All elements of information indicated on the said form shall be provided, including but not limited to the following:

- (1) The name and address of each DBE to be used;
 - (2) A description, including pay item numbers, of the commercially useful work to be done by each DBE;
 - (3) The price to be paid to each DBE for the identified work specifically stating the quantity, unit price, and total subcontract price for the work to be completed by the DBE. If partial pay items are to be performed by the DBE, indicate the portion of each item, a unit price where appropriate and the subcontract price amount;
 - (4) A commitment statement signed by the bidder and each DBE evidencing availability and intent to perform commercially useful work on the project; and
 - (5) If the bidder is a joint venture comprised of DBE 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.

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

- (a) DBE as the Contractor: 100 percent goal credit for that portion of the work performed by the DBE's own forces, including the cost of materials and supplies. Work that a DBE subcontracts to a non-DBE 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 contract. Credit will be given for the full value of all such DBE trucks operated using DBE employed drivers. Goal credit will be limited to the value of the reasonable fee or commission received by the DBE if trucks are leased from a non-DBE company.
- (e) DBE as a material supplier:
 - (1) 60 percent goal credit for the cost of the materials or supplies purchased from a DBE regular dealer.
 - (2) 100 percent goal credit for the cost of materials or supplies obtained from a DBE manufacturer.
 - (3) 100 percent credit for the value of reasonable fees and commissions for the procurement of materials and supplies if not a regular dealer or manufacturer.

GOOD FAITH EFFORT PROCEDURES. If the bidder cannot obtain sufficient DBE commitments to meet the contract goal, the bidder must document in the Utilization Plan the good faith efforts made in the attempt to meet the goal. This means that the bidder must show that all necessary and reasonable steps were taken to achieve the contract goal. Necessary and reasonable steps are those which could reasonably be expected to obtain sufficient DBE participation. The Department will consider the quality, quantity, and intensity of the kinds of efforts that the bidder has made. Mere *pro forma* efforts are not good faith efforts; rather, the bidder is expected to have taken those efforts that would be reasonably expected of a bidder actively and aggressively trying to obtain DBE participation sufficient to meet the contract goal.

- (a) The following is a list of types of action that the Department will consider as part of the evaluation of the bidder's good faith efforts to obtain participation. These listed factors are not intended to be a mandatory checklist and are not intended to be exhaustive. Other factors or efforts brought to the attention of the Department may be relevant in appropriate cases, and will be considered by the Department.
 - (1) Soliciting through all reasonable and available means (e.g. attendance at pre-bid meetings, advertising and/or written notices) the interest of all certified DBE companies that have the capability to perform the work of the contract. The bidder must solicit this interest within sufficient time to allow the DBE companies to respond to the solicitation. The bidder must determine with certainty if the DBE companies are interested by taking appropriate steps to follow up initial solicitations.

- (2) Selecting portions of the work to be performed by DBE companies in order to increase the likelihood that the DBE goals will be achieved. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate DBE participation, even when the prime Contractor might otherwise prefer to perform these work items with its own forces.
- (3) Providing interested DBE companies with adequate information about the plans, specifications, and requirements of the contract in a timely manner to assist them in responding to a solicitation.
- (4) a. Negotiating in good faith with interested DBE companies. It is the bidder's responsibility to make a portion of the work available to DBE subcontractors and suppliers and to select those portions of the work or material needs consistent with the available DBE subcontractors and suppliers, so as to facilitate DBE participation. Evidence of such negotiation includes the names, addresses, and telephone numbers of DBE companies that were considered; a description of the information provided regarding the plans and specifications for the work selected for subcontracting; and evidence as to why additional agreements could not be reached for DBE companies to perform the work.

b. A bidder using good business judgment would consider a number of factors in negotiating with subcontractors, including DBE subcontractors, and would take a firm's price and capabilities as well as contract goals into consideration. However, the fact that there may be some additional costs involved in finding and using DBE companies is not in itself sufficient reason for a bidder's failure to meet the contract DBE goal, as long as such costs are reasonable. Also, the ability or desire of a bidder to perform the work of a contract with its own organization does not relieve the bidder of the responsibility to make good faith efforts. Bidders are not, however, required to accept higher quotes from DBE companies if the price difference is excessive or unreasonable.
- (5) Not rejecting DBE companies as being unqualified without sound reasons based on a thorough investigation of their capabilities. The bidder's standing within its industry, membership in specific groups, organizations, or associations and political or social affiliations (for example union vs. non-union employee status) are not legitimate causes for the rejection or non-solicitation of bids in the bidder's efforts to meet the project goal.
- (6) Making efforts to assist interested DBE companies in obtaining bonding, lines of credit, or insurance as required by the recipient or Contractor.
- (7) Making efforts to assist interested DBE companies in obtaining necessary equipment, supplies, materials, or related assistance or services.
- (8) Effectively using the services of available minority/women community organizations; minority/women contractors' groups; local, state, and federal minority/women business assistance offices; and other organizations as allowed on a case-by-case basis to provide assistance in the recruitment and placement of DBE companies.

- (b) If the Department determines that the bidder has made a good faith effort to secure the work commitment of DBE companies to meet the contract goal, the Department will award the contract provided that it is otherwise eligible for award. If the Department determines that a good faith effort has not been made, the Department will notify the bidder of that preliminary determination by contacting the responsible company official designated in the Utilization Plan. The preliminary determination shall include a statement of reasons why good faith efforts have not been found, and may include additional good faith efforts that the bidder could take. The notification will designate a five working day period during which the bidder shall take additional efforts. The bidder is not limited by a statement of additional efforts, but may take other action beyond any stated additional efforts in order to obtain additional DBE commitments. The bidder shall submit an amended Utilization Plan if additional DBE commitments to meet the contract goal are secured. If additional DBE commitments sufficient to meet the contract goal are not secured, the bidder shall report the final good faith efforts made in the time allotted. All additional efforts taken by the bidder will be considered as part of the bidder's good faith efforts. If the bidder is not able to meet the goal after taking additional efforts, the Department will make a pre-final determination of the good faith efforts of the bidder and will notify the designated responsible company official of the reasons for an adverse determination.
- (c) The bidder may request administrative reconsideration of a pre-final determination adverse to the bidder within the five working days after the notification date of the determination by delivering the request to the Department of Transportation, Bureau of Small Business Enterprises, Contract Compliance Section, 2300 South Dirksen Parkway, Room 319, Springfield, Illinois 62764 (Telefax: (217)785-1524). Deposit of the request in the United States mail on or before the fifth business day shall not be deemed delivery. The pre-final determination shall become final if a request is not made and delivered. A request may provide additional written documentation and/or argument concerning the issue of whether an adequate good faith effort was made to meet the contract goal. In addition, the request shall be considered a consent by the bidder to extend the time for award. The request will be forwarded to the Department's Reconsideration Officer. The Reconsideration Officer will extend an opportunity to the bidder to meet in person in order to consider all issues of whether the bidder made a good faith effort to meet the goal. After the review by the Reconsideration Officer, the bidder will be sent a written decision within ten working days after receipt of the request for reconsideration, explaining the basis for finding that the bidder did or did not meet the goal or make adequate good faith efforts to do so. A final decision by the Reconsideration Officer that a good faith effort was made shall approve the Utilization Plan submitted by the bidder and shall clear the contract for award. A final decision that a good faith effort was not made shall render the bid not responsive.

CONTRACT COMPLIANCE. Compliance with this Special Provision is an essential part of the contract. The Department is prohibited by federal regulations from crediting the participation of a DBE included in the Utilization Plan toward either the contract goal or the Department's overall goal until the amount to be applied toward the goals has been paid to the DBE. The following administrative procedures and remedies govern the compliance by the Contractor with the contractual obligations established by the Utilization Plan. After approval of the Plan and award of the contract, the Utilization Plan and individual DBE Participation Statements become part of

the contract. If the Contractor did not succeed in obtaining enough DBE participation to achieve the advertised contract goal, and the Utilization Plan was approved and contract awarded based upon a determination of good faith, the total dollar value of DBE work calculated in the approved Utilization Plan as a percentage of the awarded contract value shall become the amended contract goal.

- (a) No amendment to the Utilization Plan may be made without prior written approval from the Department's Bureau of Small Business Enterprises. All requests for amendment to the Utilization Plan shall be submitted to the Department of Transportation, Bureau of Small Business Enterprises, Contract Compliance Section, 2300 South Dirksen Parkway, Room 319, Springfield, Illinois 62764. Telephone number (217) 785-4611. Telefax number (217) 785-1524.
- (b) All work indicated for performance by an approved DBE shall be performed, managed, and supervised by the DBE executing the Participation Statement. The Contractor shall not terminate for convenience a DBE listed in the Utilization Plan and then perform the work of the terminated DBE with its own forces, those of an affiliate or those of another subcontractor, whether DBE or not, without first obtaining the written consent of the Bureau of Small Business Enterprises to amend the Utilization Plan. If a DBE listed in the Utilization Plan is terminated for reasons other than convenience, or fails to complete its work on the contract for any reason, the Contractor shall make good faith efforts to find another DBE to substitute for the terminated DBE. The good faith efforts shall be directed at finding another DBE to perform at least the same amount of work under the contract as the DBE that was terminated, but only to the extent needed to meet the contract goal or the amended contract goal. The Contractor shall notify the Bureau of Small Business Enterprises of any termination for reasons other than convenience, and shall obtain approval for inclusion of the substitute DBE in the Utilization Plan. If good faith efforts following a termination of a DBE for cause are not successful, the Contractor shall contact the Bureau 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.

EQUIPMENT RENTAL RATES (BDE)

Effective: August 2, 2007

Revised: January 2, 2008

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

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

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

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

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

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

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

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

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

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

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

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

HOT-MIX ASPHALT - FIELD VOIDS IN THE MINERAL AGGREGATE (BDE)

Effective: April 1, 2007

Revised: April 1, 2008

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

"Parameter	Frequency of Tests	Frequency of Tests	Test Method See Manual of Test Procedures for Materials
	High ESAL Mixture Low ESAL Mixture	All Other Mixtures	
VMA	Day's production ≥ 1200 tons: 1 per half day of production	N/A	Illinois-Modified AASHTO R 35
Note 5.	Day's production < 1200 tons: 1 per half day of production for first 2 days and 1 per day thereafter (first sample of the day)		

Note 5. The G_{sb} used in the voids in the mineral aggregate (VMA) calculation shall be the same average G_{sb} value listed in the mix design.”

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

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

2/ Allowable limit below minimum design VMA requirement”

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

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

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

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

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

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

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

“Test Parameter	Acceptable Limits of Precision
% Passing: ^{1/}	
½ in. (12.5 mm)	5.0 %
No. 4 (4.75 mm)	5.0 %
No. 8 (2.36 mm)	3.0 %
No. 30 (600 µm)	2.0 %
Total Dust Content No. 200 (75 µm) ^{1/}	2.2 %
Asphalt Binder Content	0.3 %
Maximum Specific Gravity of Mixture	0.026
Bulk Specific Gravity	0.030
VMA	1.4 %
Density (% Compaction)	1.0 % (Correlated)

1/ Based on washed ignition.”

HOT-MIX ASPHALT – PLANT TEST FREQUENCY (BDE)

Effective: April 1, 2008

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

"Parameter	Frequency of Tests		Test Method See Manual of Test Procedures for Materials
	High ESAL Mixture Low ESAL Mixture	All Other Mixtures	
<p>Aggregate Gradation</p> <p>Hot bins for batch and continuous plants.</p> <p>Individual cold-feed or combined belt-feed for drier drum plants.</p> <p>% passing sieves: 1/2 in. (12.5 mm), No. 4 (4.75 mm), No. 8 (2.36 mm), No. 30 (600 μm) No. 200 (75 μm)</p> <p>Note 1.</p>	<p>1 dry gradation per day of production (either morning or afternoon sample).</p> <p>and</p> <p>1 washed ignition oven test on the mix per day of production (conduct in the afternoon if dry gradation is conducted in the morning or vice versa).</p> <p>Note 3.</p> <p>Note 4.</p>	<p>1 gradation per day of production.</p> <p>The first day of production shall be a washed ignition oven test on the mix. Thereafter, the testing shall alternate between dry gradation and washed ignition oven test on the mix.</p> <p>Note 4.</p>	<p>Illinois Procedure</p>
<p>Asphalt Binder Content by Ignition Oven</p> <p>Note 2.</p>	<p>1 per half day of production</p>	<p>1 per day</p>	<p>Illinois-Modified AASHTO T 308</p>
<p>Air Voids</p> <p>Bulk Specific Gravity of Gyrotory Sample</p>	<p>Day's production ≥ 1200 tons: 1 per half day of production</p> <p>Day's production < 1200 tons: 1 per half day of production for first 2 days and 1 per day thereafter (first sample of the day)</p>	<p>1 per day</p>	<p>Illinois-Modified AASHTO T 312</p>
<p>Maximum Specific Gravity of Mixture</p>	<p>Day's production ≥ 1200 tons: 1 per half day of production</p> <p>Day's production < 1200 tons: 1 per half day of production for first 2 days and 1 per day thereafter (first sample of the day)</p>	<p>1 per day</p>	<p>Illinois-Modified AASHTO T 209"</p>

HOT-MIX ASPHALT – TRANSPORTATION (BDE)

Effective: April 1, 2008

Revise Article 1030.08 of the Standard Specifications to read:

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

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

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

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

MULTILANE PAVEMENT PATCHING (BDE)

Effective: November 1, 2002

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

PAYMENTS TO SUBCONTRACTORS (BDE)

Effective: June 1, 2000

Revised: January 1, 2006

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

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

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

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

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

RECLAIMED ASPHALT PAVEMENT (RAP) (BDE)

Effective: January 1, 2007

Revised: August 1, 2007

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

Revise Section 1031 of the Standard Specifications to read:

“SECTION 1031. RECLAIMED ASPHALT PAVEMENT

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

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

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

- (a) Homogeneous. Homogeneous RAP stockpiles shall consist of RAP from Class I, Superpave (High ESAL), HMA (High ESAL), or equivalent mixtures and represent: 1) the same aggregate quality, but shall be at least C quality; 2) the same type of crushed aggregate (either crushed natural aggregate, ACBF slag, or steel slag); 3) similar gradation; and 4) similar asphalt binder content. If approved by the Engineer, combined single pass surface/binder millings may be considered “homogenous” with a quality rating dictated by the lowest coarse aggregate quality present in the mixture.
- (b) Conglomerate 5/8. Conglomerate 5/8 RAP stockpiles shall consist of RAP from Class I, Superpave (High ESAL), HMA (High ESAL), or equivalent mixtures. The coarse aggregate in this RAP shall be crushed aggregate and may represent more than one aggregate type and/or quality but shall be at least C quality. This RAP may have an inconsistent gradation and/or asphalt binder content prior to processing. All conglomerate 5/8 RAP shall be processed prior to testing by crushing to where all RAP shall pass the 5/8 in. (16 mm) or smaller screen. Conglomerate 5/8 RAP stockpiles shall not contain steel slag or other expansive material as determined by the Department.
- (c) Conglomerate 3/8. Conglomerate 3/8 RAP stockpiles shall consist of RAP from Class I, Superpave (High ESAL), HMA (High ESAL), or equivalent mixtures. The coarse aggregate in this RAP shall be crushed aggregate and may represent more than one aggregate type and/or quality but shall be at least B quality. This RAP may have an inconsistent gradation and/or asphalt binder content prior to processing. All conglomerate 3/8 RAP shall be processed prior to testing by crushing to where all RAP shall pass the 3/8 in. (9.5 mm) or smaller screen. Conglomerate 3/8 RAP stockpiles shall not contain steel slag or other expansive material as determined by the Department.

- (d) Conglomerate “D” Quality (DQ). Conglomerate DQ RAP stockpiles shall consist of RAP from Class I, Superpave (High or Low ESAL), HMA (High or Low ESAL), or equivalent mixtures. The coarse aggregate in this RAP may be crushed or round but shall be at least D quality. This RAP may have an inconsistent gradation and/or asphalt binder content. Conglomerate DQ RAP stockpiles shall not contain steel slag or other expansive material as determined by the Department.
- (e) Non-Quality. RAP stockpiles that do not meet the requirements of the stockpile categories listed above shall be classified as “Non-Quality”.

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

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

For testing during stockpiling, washed extraction samples shall be run at the minimum frequency of one sample per 500 tons (450 metric tons) for the first 2000 tons (1800 metric tons) and one sample per 2000 tons (1800 metric tons) thereafter. A minimum of five tests shall be required for stockpiles less than 4000 tons (3600 metric tons).

For testing after stockpiling, the Contractor shall submit a plan for approval to the District proposing a satisfactory method of sampling and testing the RAP pile either in-situ or by restocking. 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	± 0.4 % ^{1/}	± 0.5 %
G _{mm}	± 0.02 ^{2/}	

1/ The tolerance for conglomerate 3/8 shall be ± 0.3 %.

2/ Applies only to conglomerate 3/8. When variation of the G_{mm} exceeds the ± 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/}	MAXIMUM % RAP			
	Ndesign	Binder/Leveling Binder	Surface	Polymer Modified
30	30	30	30	10
50	25	15	15	10
70	15 / 25 ^{2/}	10 / 15 ^{2/}	10 / 15 ^{2/}	10
90	10	10	10	10
105	10	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. (Required when accumulated or individual aggregate and RAP are printed in wet condition.)

(b) Batch Plants.

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

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

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

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

REFLECTIVE SHEETING ON CHANNELIZING DEVICES (BDE)

Effective: April 1, 2007

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

"At the time of manufacturing, the retroreflective prismatic sheeting used on channelizing devices shall meet or exceed the initial minimum coefficient of retroreflection as specified in the following table. Measurements shall be conducted according to ASTM E 810, without averaging. Sheeting used on cones, drums and flexible delineators shall be reboundable as tested according to ASTM D 4956. Prestriped sheeting for rigid substrates on barricades shall be white and orange.

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

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

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

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

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

SUBCONTRACTOR MOBILIZATION PAYMENTS (BDE)

Effective: April 2, 2005

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

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

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

THERMOPLASTIC PAVEMENT MARKINGS (BDE)

Effective: January 1, 2007

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

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

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

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

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

White: Daylight Reflectance75 percent min.

*Yellow: Daylight Reflectance45 percent min.

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

x	0.490	0.475	0.485	0.530
y	0.470	0.438	0.425	0.456”

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

“k. Accelerated Weathering. After heating the thermoplastic for four hours \pm 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 35 working days.

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

Effective: November 2, 2006

Revised: January 2, 2007

Description. 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_P = Bituminous Price Index, as published by the Department for the month the work is performed, \$/ton (\$/metric ton).
BPI_L = Bituminous Price Index, as published by the Department for the month prior to the letting, \$/ton (\$/metric ton).
%AC_V = Percent of virgin Asphalt Cement in the Quantity being adjusted. For HMA mixtures, the % AC_V will be determined from the adjusted job mix formula. For bituminous materials applied, a performance graded or cutback asphalt will be considered to be 100% AC_V and undiluted emulsified asphalt will be considered to be 65% AC_V.
Q = Authorized construction Quantity, tons (metric tons) (see below).

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

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

- Where: A = Area of the HMA mixture, sq yd (sq m).
D = Depth of the HMA mixture, in. (mm).
G_{mb} = Average bulk specific gravity of the mixture, from the approved mix design.
V = Volume of the bituminous material, gal (L).
SG = Specific Gravity of bituminous material as shown on the bill of lading.

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

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

Bituminous materials cost adjustments will be calculated for each calendar month in which applicable bituminous material is placed; and will be paid or deducted when all other contract requirements for the 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 to include this special provision as part of the contract?

Yes No

Signature: _____ **Date:** _____

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

Effective: April 2, 2004

Revised: April 1, 2007

Description. Steel cost adjustments will be made to provide additional compensation to the Contractor, or a credit to the Department, for fluctuations in steel prices when optioned by the Contractor. The bidder shall indicate on the attached form whether or not this special provision will be part of the contract and submit the completed form with his/her bid. Failure to submit the form, or failure to fill out the form completely, shall make this contract exempt of steel cost adjustments.

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

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

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

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

- (a) Evidence that increased or decreased steel costs have been passed on to the Contractor.
- (b) The dates and quantity of steel, in lb (kg), shipped from the mill to the fabricator.
- (c) The quantity of steel, in lb (kg), incorporated into the various items of work covered by this special provision. The Department reserves the right to verify submitted quantities.

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

$$SCA = Q \times D$$

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

$$D = CBP_M - CBP_L$$

Where: CBP_M = The average of the Consumer Buying Price indices for Shredded Auto Scrap (Chicago) and No. 1 Heavy Melt (Chicago) as published by the American Metal Market (AMM) for the day the steel is shipped from the mill. The indices will be converted from dollars per ton to dollars per lb (kg).

CBP_L = The average of the Consumer Buying Price indices for Shredded Auto Scrap (Chicago) and No. 1 Heavy Melt (Chicago) as published by the AMM for the day the contract is let. The indices will be converted from dollars per ton to dollars per lb (kg).

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

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

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

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

$$\text{Percent Difference} = \{(CBP_L - CBP_M) \div CBP_L\} \times 100$$

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

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

Attachment

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

Return With Bid

**ILLINOIS DEPARTMENT
OF TRANSPORTATION**

**OPTION FOR
STEEL COST ADJUSTMENT**

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

Contract No.: _____

Company Name: _____

Contractor's Option:

Is your company opting to include this special provision as part of the contract plans?

Yes No

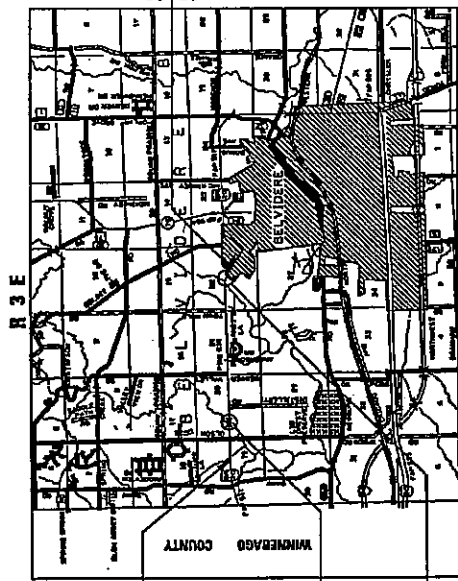
Signature: _____ **Date:** _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 517 (US 20 BUS)
SECTION L-RS-3
BOONE COUNTY
C-92-076-08

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



SECTION BEGINS
STA 38+32

BELVIDERE TOWNSHIP
SECTIONS 19, 20, 21 & 22

BRIDGE OMISSION: (SN 004-1018)
STA 68+37 TO 71+28

INTERSECTION OMISSION:
(VAN EPPS DR/DAVIS DR)
STA 187+47 TO 204+75

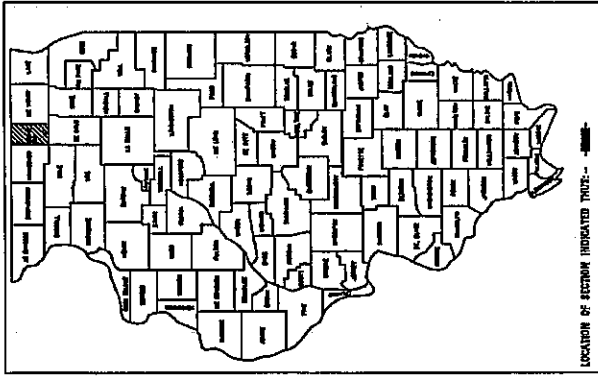
NET LENGTH OF PROJECT = 15,189' = 2.88 MILES
OMISSION LENGTH OF PROJECT = 2,019' = 0.38 MILE
GROSS LENGTH OF PROJECT = 17,208' = 3.25 MILES

JULIE
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-462-0123
DR 511

CONTRACT NO. 6AD45

FAP 517 (US BUS 20) - SECTION L-RS-3 - BOONE COUNTY

STATE	SECTION	COUNTY	TOTAL SHEETS
517	L-RS-3	BOONE	42
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO.	6AD45
			D-92-090-07



LOCATION OF SECTION INDICATED THERE--

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED March 17, 2008
Steph J. Ryan
DEPUTY DIRECTOR OF HIGHWAYS/REGION ENGINEER

ENGINEER OF DESIGN AND ENVIRONMENT

DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

PROJECT ENGINEER: MASOOD AHMAD

SENIOR SQUAD LEADER: SAMEER ABDULLAH (815)284-5935
STUDIES & PLANS SQUAD LEADER: COREY CONDERMAN (815)284-5938

INDEX OF SHEETS AND STATE STANDARDS

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX OF SHEETS AND STATE STANDARDS
- 3-4 SUMMARY OF QUANTITIES
- 5-8 TYPICAL SECTIONS
- 9-10 GENERAL NOTES
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- 21 PARTIAL DEPTH PAVEMENT PATCHING SCHEDULE
- 22 ENTRANCE SCHEDULE
- 23-28 PLAN SHEETS
- 28A-28B LANE CLOSURE DETAILS
- 29-35 PAVEMENT MARKING DETAILS
- 36-37 HOT-MIX ASPHALT APPROACHES AND MAILBOX RETURNS
- 38 FOR TWO LIFTS (3P) RESURFACING PROJECTS (DIST STD 47.2)
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- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 442201-03 CLASS C AND D PATCHES
- 482011-03 HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
- 701006-02 OFF-ROAD OPERATIONS, 2L, 2W, 4.5m (15') TO 600mm (24") FROM PAVEMENT EDGE
- 701011-01 OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701101-01 OFF-ROAD OPERATIONS, MULTILANE, 4.5m (15') TO 600mm (24") FROM PAVEMENT EDGE
- 701201-02 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45MPH
- 701301-02 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-01 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45MPH
- 701311-02 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701502-03 URBAN LANE CLOSURE, MULTILANE, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
- 701602-03 URBAN LANE CLOSURE, MULTILANE, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
- 701701-05 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701901 TRAFFIC CONTROL DEVICES
- 720011 METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
- 728001 TELESCOPING STEEL SIGN SUPPORT
- 729001 APPLICATIONS OF TYPE A AND B METAL POSTS (FOR SIGNS AND MARKERS)
- 780001-01 TYPICAL PAVEMENT MARKINGS
- 781001-02 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		INDEX OF SHEETS - STATE STANDARDS		F.A.P. RTE. 517	SECTION L-RS-3	COUNTY BOONE	TOTAL SHEET SHEETS NO. 42 2
SCALE: _____		SHEET NO. ____ OF _____ SHEETS STA. _____ TO STA. _____		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 64045	
INDEX OF SHEETS - STATE STANDARDS							

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	1000-2A		100% STATE URBAN
				100% STATE RURAL	100% STATE URBAN	
35101400	AGGREGATE BASE COURSE, TYPE B	TON	70	70		
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	38.4	35.5		2.9
40600300	AGGREGATE (PRIME COAT)	TON	93.6	87.3		6.3
40600335	LEVELING BINDER (HAND METHOD), N70	TON	37	37		
40600335	LEVELING BINDER (MACHINE METHOD), N70	TON	3,478	3,246		232
40600395	CONSTRUCTING TEST STRIP	EACH	1	1		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	765	387		378
40600990	TEMPORARY RAMP	SQ YD	575	463		112
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	198	198		
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	5,300	4,951		349
40600050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	1,043	861		182
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	7,444	7,444		
44002226	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 6 1/2"	SQ YD	543	543		
44200108	PAVEMENT PATCHING, TYPE II, 9 INCH	SQ YD	67	67		
44200116	PAVEMENT PATCHING, TYPE IV, 9 INCH	SQ YD	67	67		
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	2,000	2,000		
48102100	AGGREGATE WEDGE SHOULDERS, TYPE B	TON	1,910	1,874		36
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4		
67100100	MOBILIZATION	L SUM	1	1		
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1		
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1		
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1		
70102636	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10	10		

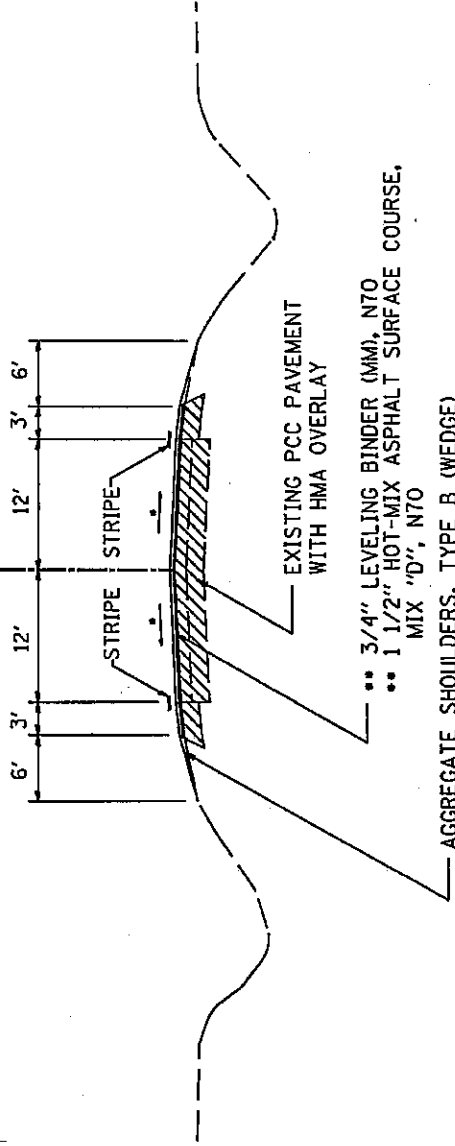
SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	1000-2A		1000-2A
				100% STATE RURAL	100% STATE URBAN	100% STATE URBAN
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	13,245	12,330		915
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ.FT	1,472	1,370		102
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ.FT	359	312		47
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	29,253	26,063		3,190
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1,732	1,617		115
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,444	1,236		208
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	99	99		
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	62,470	62,470		
78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	60	60		
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	513	513		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	442	442		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
Z0028415	GEOTECHNICAL REINFORCEMENT	SQ YD	134	134		
Z0028700	GRANULAR SUBGRADE REPLACEMENT	CU YD	22	22		
Z0040315	PILOT CAR	DAY	2	2		
* SPECIALTY ITEM						

TYPICAL SECTIONS

US BUS 20
 STA 38+77 TO 45+95
 STA 62+65 TO 67+92
 STA 71+73 TO 100+88
 STA 116+64 TO 153+71
 STA 170+47 TO 187+02

CL (US BUS 20)

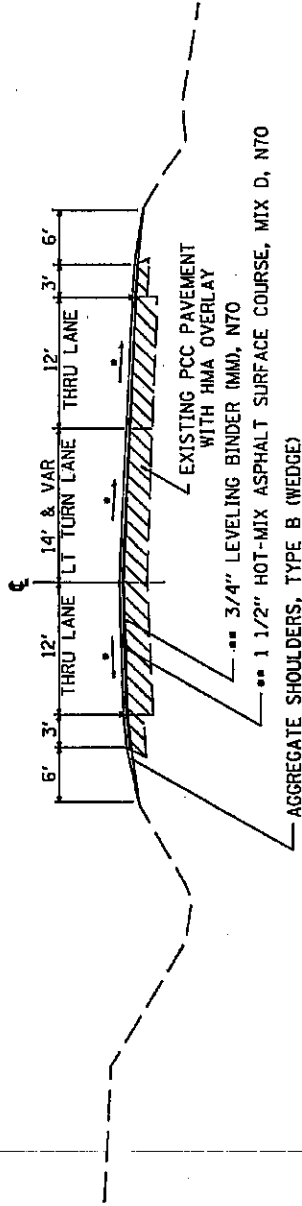


- MAINTAIN EXISTING CROSS SLOPE 1/8" / FT MIN
- APPLICATION RATE: 112 LB/SY/IN

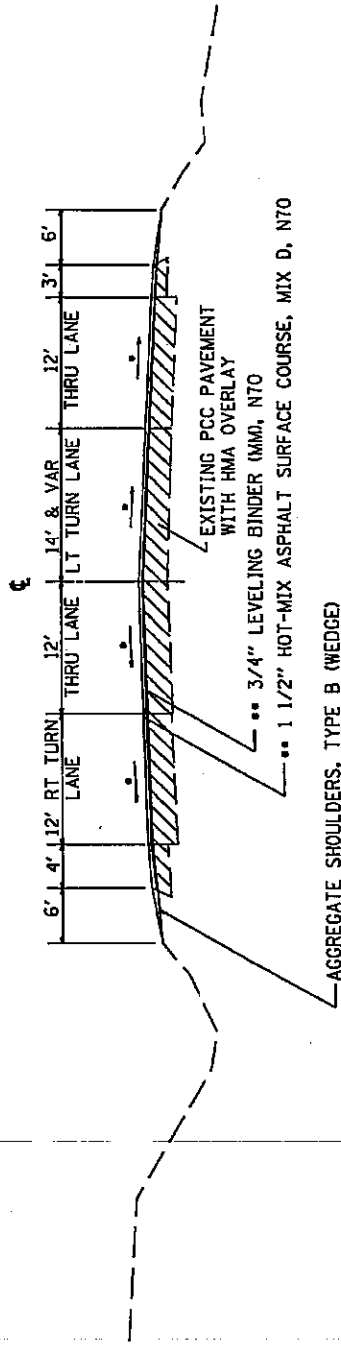
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		US BUS 20 TYPICAL SECTIONS		F.P. NO.	SECTION	COUNTY	TOTAL SHEET NO.
SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.	SIT	L-93-3	BOONE	42 5
				FED. ROAD DIST. NO. ILLINOIS/ED. AND PROJECT CONTRACT NO. 64045			

TYPICAL SECTIONS

US BUS 20
 STA 45+95 TO 55+11 (WEST OF OLSON RD)
 STA 100+88 TO 109+11 (WEST OF BEAVER VALLEY RD)
 STA 153+71 TO 162+03 (WEST OF TOWN HALL RD)



US BUS 20
 STA 58+15 TO 62+65 (EAST OF OLSON RD)
 STA 112+12 TO 116+64 (EAST OF BEAVER VALLEY RD)
 STA 165+57 TO 170+47 (EAST OF TOWN HALL RD)



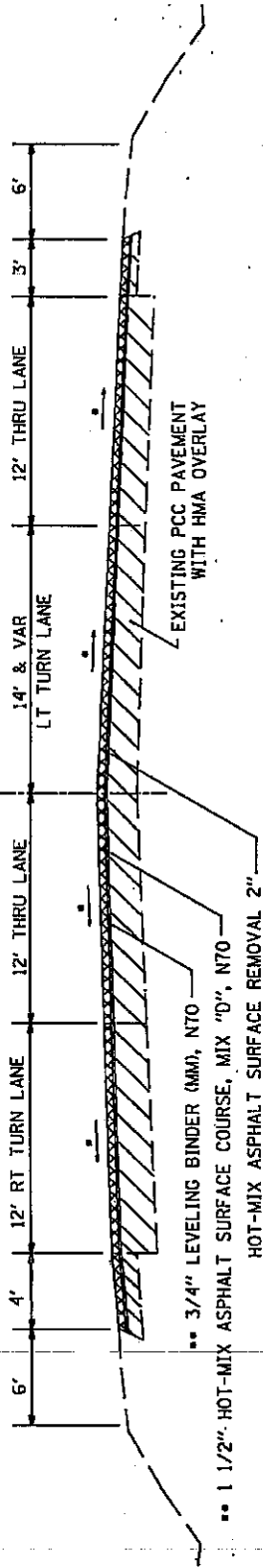
- MAINTAIN EXISTING CROSS SLOPE 1/8" / FT MIN
- APPLICATION RATE: 112 LB/SY/IN

EXISTING

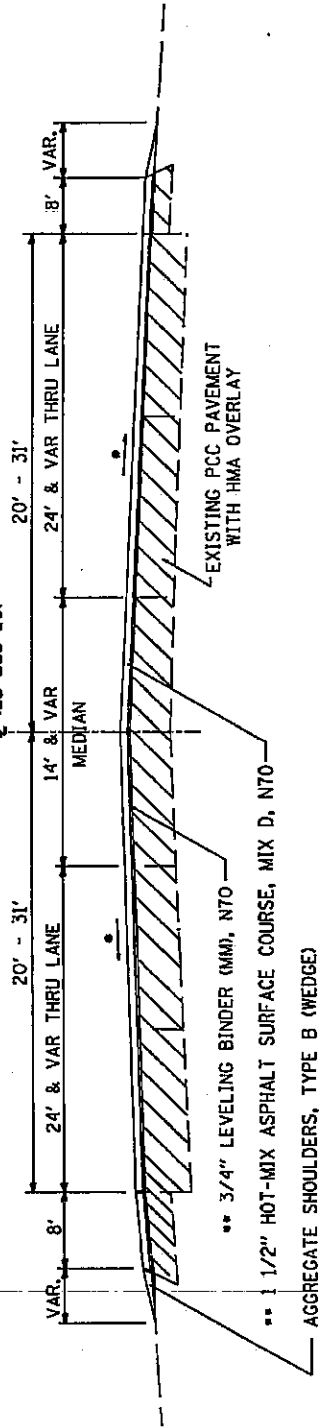
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		US BUS 20 TYPICAL SECTIONS		TOTAL SHEET NO. 42	
SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.	COUNTY	BOOK
				ILLINOIS	42
				SECTION	CONTRACT NO.
				L-95-3	8-00-95
				FILE NO.	
				111	
				FEEL. ROAD DIST. NO.	ILLINOIS (EAST OF PROJECT)

TYPICAL SECTIONS

US BUS 20
 STA 55+56 TO 57+70 (OLSON RD)
 STA 109+56 TO 111+67 (BEAVER VALLEY RD)
 STA 162+48 TO 165+12 (TOWN HALL RD)
 § (US BUS 20)



US BUS 20
 STA 205+20 THRU 209+95
 § (US BUS 20)



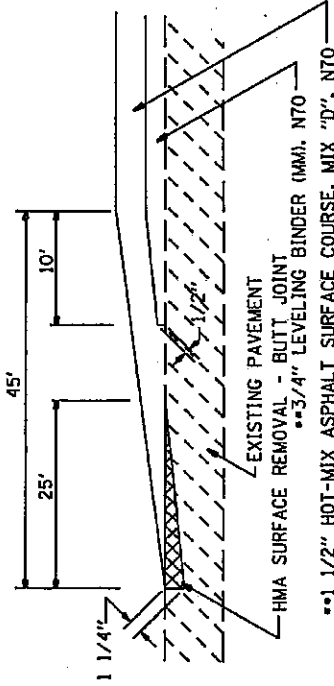
- MAINTAIN EXISTING CROSS SLOPE 1/8" / FT MIN
- APPLICATION RATE: 112 LB/SY/IN



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		US BUS 20 TYPICAL SECTIONS		TOTAL SHEETS 42		CONTRACT NO. 6-0045	
SCALE:	SHEET NO. OF SHEETS 514	SECTION L-RS-3	COUNTY BOONE	STATE NO. 42	NO. 7	ILLINOIS/001.00 PRODUCT	
F.P. SITE 517		SECTION L-RS-3		COUNTY BOONE		CONTRACT NO. 6-0045	
TO STA.		FROM STA.		TOTAL SHEETS 42		CONTRACT NO. 6-0045	

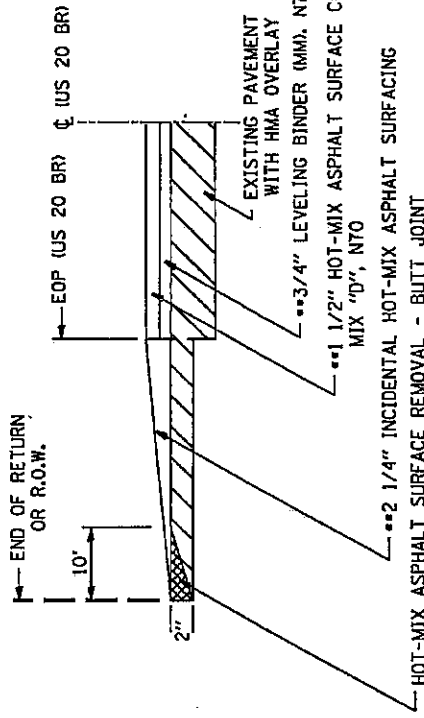
TYPICAL TAPER BUTT JOINT

- STA 38+32 TO 38+77
- STA 67+92 TO 68+37
- STA 71+28 TO 71+73
- STA 187+02 TO 187+47
- STA 204+75 TO 205+20
- STA 209+95 TO 210+40



TAPERS AT SIDEROADS

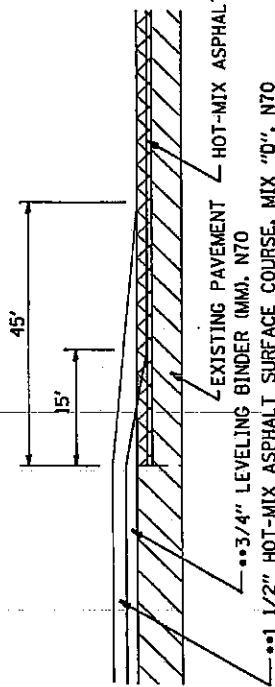
- DISTILLERY ROAD
- ANDERSON DRIVE



TYPICAL SECTIONS

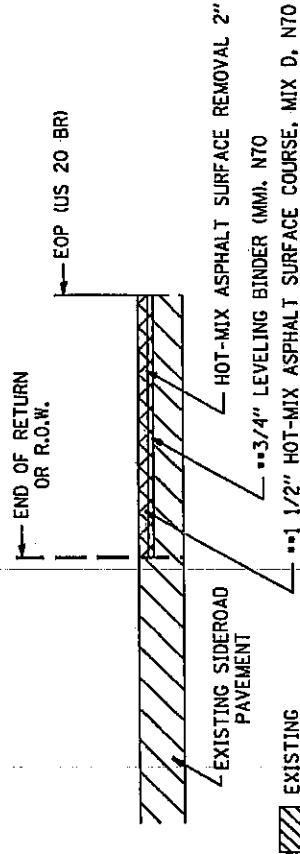
TAPER AT MILLING AREAS

- STA 55+11 TO 55+56
- STA 57+70 TO 58+15
- STA 109+11 TO 109+56
- STA 111+67 TO 112+12
- STA 162+03 TO 162+48
- STA 165+12 TO 165+57



TAPER AT SIDEROADS

- OLSON ROAD
- BEAVER VALLEY ROAD
- TOWN HALL ROAD



EXISTING
REMOVAL

APPLICATION RATE: 112 LB/SY/IN

STATE OF ILLINOIS		US BUS 20 TYPICAL SECTIONS		TOTAL SHEET NO.	
DEPARTMENT OF TRANSPORTATION		SCALE: SHEET NO. OF SHEETS 1 STA. TO STA.		COUNTY	
				BOONE	
				SECTION	
				1-85-3	
				SHEET NO.	
				42	
				CONTRACT NO.	
				6-09-85	
				PROJECT	
				ILLINOIS STATE ROAD DIST. NO.	

GENERAL NOTES

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 existing hot-mix asphalt surface on private and commercial entrances shall be bladed off or milled and disposed of outside the project limits. The cost of the blading, milling, rolling, and disposal is included in the contract unit price for INCIDENTAL HOT-MIX ASPHALT SURFACING.

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

The following Mixture Requirements are applicable for this project:

Mixture Uses(s):	Surface	Level Binder	Binder
PG:	64-22	64-22	64-22
Design Air Voids	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
Friction Aggregate	D	N/A	N/A
20 Year ESAL	1.8	1.8	1.8
Mix Unit Weight	112 lbs/sy/in	112 lbs/sy/in	112 lbs/sy/in

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.

Reflective Crack Control shall be placed on the existing surface prior to any resurfacing, unless pavement is milled then it will be placed on the binder course.

To help avoid excess drop offs at the edge of pavement, the existing aggregate wedge or shoulder is to be pulled up and rolled to match the edge of pavement before placing any bituminous material. All costs associated with pulling up the shoulders shall be considered included in the contract unit price per TON for HOT-MIX ASPHALT SURFACE COURSE of the type specified.

If, during the grinding or resurfacing operations, the existing mailboxes become a hindrance, the Contractor shall be required to carefully remove and reinstall the mailboxes as directed by the Engineer. This work shall be included in the contract unit price for the INCIDENTAL HOT-MIX ASPHALT SURFACING.

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.

Aggregate Base Course, Type B, is provided in the plan quantities and shall be used only as needed when directed by the Engineer.

Work on this project will be in progress at the same time as work on the US Bus 20 (Geno Road) from Logan Avenue to Persons Parkway. Work on these projects shall be scheduled to keep interference between all the projects to a minimum. The contractors shall inform each other of progress of the projects and give fair warning to the other contractors when a problem might be encountered.

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

Commonwealth Edison Co.
NICOR Gas co.
Mediacom

Verizon
Insight Communications of Rockford
City of Belvidere

Schedule of Quantities

40600535 LEVELING BINDER (HAND METHOD), N70

<u>TON</u>	<u>LOCATION</u>
	US BUS 20
37	As Needed & Directed by the Resident
37	TOTAL

40600895 CONSTRUCTING TEST STRIP

<u>EACH</u>	<u>LOCATION</u>
	US BUS 20
1	As Directed by the Resident
1	TOTAL

40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

<u>SQ YD</u>	<u>SQ YD</u>	<u>LOCATION</u>	L = 25'
RURAL	URBAN		
		US BUS 20	
83.3		Sta 38 + 32 - 38 + 77	Start of Project
83.3		Sta 67 + 92 - 68 + 37	Start of Bridge Omission
83.3		Sta 71 + 28 - 71 + 73	End of Bridge Omission
83.3		Sta 187 + 02 - 187 + 47	Start of Van Epps Dr Omission
	157.6	Sta 204 + 75 - 205 + 20	End of Van Epps Dr Omission
	220.8	Sta 209 + 95 - 210 + 40	End of Project
26.7		DISTILLERY ROAD	(24' X 10')
26.7		ANDERSON DRIVE	(24' X 10')
386.6	378.4	<i>Sub-Total</i>	
	765.0	TOTAL	

40600990 TEMPORARY RAMP

<u>SQ YD</u>	<u>SQ YD</u>	<u>LOCATION</u>
RURAL	URBAN	
		US BUS 20
25.0		Sta 38 + 32 (30' X 7.5) Start of Project
36.7		Sta 55 + 11 (44' X 7.5) Start of HMA 2" Removal @ Olson Rd
49.2		Sta 58 + 15 (59' X 7.5) End of HMA 2" Removal @ Olson Rd
25.0		Sta 68 + 37 (30' X 7.5) Start of Bridge Omission
25.0		Sta 71 + 28 (30' X 7.5) End of Bridge Omission
39.2		Sta 109 + 11 (47' X 7.5) Start of HMA 2" Removal @ Beaver Valley Rd
45.8		Sta 112 + 12 (55' X 7.5) End of HMA 2" Removal @ Beaver Valley Rd
36.7		Sta 162 + 03 (44' X 7.5) Start of HMA 2" Removal @ Town Hall Rd
45.2		Sta 165 + 57 (54' X 7.5) End of HMA 2" Removal @ Town Hall Rd
25.0		Sta 187 + 47 (30' X 7.5) Start of Van Epps Dr Omission
	46.7	Sta 204 + 75 (56' X 35') End of Van Epps Dr Omission
	65.0	Sta 210 + 40 (78' X 75') End of Project
20.0		OLSON ROAD (24' X 7.5)
20.0		DISTILLERY ROAD (24' X 7.5)
20.0		BEAVER VALLEY ROAD (24' X 7.5)
20.0		ANDERSON DRIVE (24' X 7.5)
30.0		TOWN HALL ROAD (36' X 7.5)
462.8	111.7	<i>Sub-Total</i>
	574.5	TOTAL

Schedule of Quantities

44000157 HOT-MIX ASPHALT SURFACE REMOVAL, 2"

<u>SQ YD</u>	<u>LOCATION</u>		
		US BUS 20	
2,329.8	Sta 55 + 11 - 58 + 15		Including Olson Rd Return
2,303.6	Sta 109 + 11 - 112 + 12		Including Beaver Valley Rd Return
<u>2,810.8</u>	Sta 162 + 03 - 165 + 57		Including Town Hall Rd Return
7,444.2	TOTAL		

44300200 STRIP REFLECTIVE CRACK CONTROL TREATMENT

<u>FOOT</u>	<u>LOCATION</u>	
		US BUS 20
<u>2,000</u>	As Needed & Directed by the Resident	
2,000	TOTAL	

48101200 AGGREGATE SHOULDERS, TYPE B

<u>TON</u>	<u>TON</u>	<u>LOCATION</u>	
<i>RURAL</i>	<i>URBAN</i>		
		US BUS 20	
237.4		Sta 38 + 32 - 56 + 85	LT & RT (6' Aggregate Wedge)
147.3		Sta 56 + 85 - 68 + 34	LT & RT (6' Aggregate Wedge)
506.8		Sta 71 + 28 - 110 + 82	LT & RT (6' Aggregate Wedge)
684.2		Sta 110 + 82 - 164 + 21	LT & RT (6' Aggregate Wedge)
298.0		Sta 164 + 21 - 187 + 47	LT & RT (6' Aggregate Wedge)
	<u>36.2</u>	Sta 204 + 75 - 210 + 40	LT & RT (3' Aggregate Wedge)
1,873.6	36.2	Sub-Total	
	<u>1,909.8</u>	TOTAL	

Schedule of Quantities

70300100 SHORT-TERM PAVEMENT MARKING

<u>FOOT</u>	<u>FOOT</u>	<u>LOCATION</u>	(3 Applications - Prime, Binder, & Surface)
<i>RURAL</i>	<i>URBAN</i>		
US BUS 20			
458		Sta 38 + 32 - 45 + 95	Double Yellow - Centerline @ 2 Stripes
1,261		Sta 45 + 95 - 56 + 46	Double Yellow - Median @ 4 Stripes
660		Sta 57 + 15 - 62 + 65	Double Yellow - Median @ 4 Stripes
341		Sta 62 + 65 - 68 + 34	Double Yellow - Centerline @ 2 Stripes
1,776		Sta 71 + 28 - 100 + 88	Double Yellow - Centerline @ 2 Stripes
1,146		Sta 100 + 88 - 110 + 43	Double Yellow - Median @ 4 Stripes
564		Sta 111 + 14 - 115 + 84	Double Yellow - Median @ 4 Stripes
2,272		Sta 115 + 84 - 153 + 71	Double Yellow - Centerline @ 2 Stripes
1,205		Sta 153 + 71 - 163 + 75	Double Yellow - Median @ 4 Stripes
628		Sta 164 + 65 - 169 + 88	Double Yellow - Median @ 4 Stripes
1,055		Sta 169 + 88 - 187 + 47	Double Yellow - Centerline @ 2 Stripes
	678	Sta 204 + 75 - 210 + 40	Double Yellow - Median @ 4 Stripes
51		OSLON ROAD	Double Yellow - Centerline @ 2 Stripes
51		BEAVER VALLEY ROAD	Double Yellow - Centerline @ 2 Stripes
102		TOWN HALL ROAD	Double Yellow - Median @ 4 Stripes
<u>11,570</u>	<u>678</u>	<i>Yellow Sub-Total</i>	
US BUS 20			
162		Sta 53 + 75 - 56 + 45	Double White - LT Turn Lane @ 2 Stripes
60		Sta 57 + 69 - 58 + 69	Double White - RT Turn Lane @ 2 Stripes
123		Sta 108 + 38 - 110 + 43	Double White - LT Turn Lane @ 2 Stripes
91		Sta 111 + 15 - 112 + 67	Double White - RT Turn Lane @ 2 Stripes
148		Sta 161 + 29 - 163 + 75	Double White - LT Turn Lane @ 2 Stripes
176		Sta 164 + 65 - 167 + 58	Double White - RT Turn Lane @ 2 Stripes
	84	Sta 204 + 75 - 210 + 40	White - LT Shoulder Stripes (4' @ 100' o.c.)
	84	Sta 204 + 75 - 210 + 40	White - RT Shoulder Stripes (4' @ 100' o.c.)
	69	Sta 209 + 25 - 210 + 40	Double White - LT Turn Lane @ 2 Stripes
<u>760</u>	<u>237</u>	<i>White Sub-Total</i>	
<u>12,330</u>	<u>915</u>	Sub-Total	
	<u>13,245</u>	TOTAL	

Schedule of Quantities

70301000 WORK ZONE PAVEMENT MARKING REMOVAL

<u>SQ FT</u> RURAL	<u>SQ FT</u> URBAN	<u>LOCATION</u>	(Surface Removal Only)
US BUS 20			
50.9		Sta 38 + 32 - 45 + 95	Double Yellow - Centerline @ 2 Stripes
140.1		Sta 45 + 95 - 56 + 46	Double Yellow - Median @ 4 Stripes
73.3		Sta 57 + 15 - 62 + 65	Double Yellow - Median @ 4 Stripes
37.9		Sta 62 + 65 - 68 + 34	Double Yellow - Centerline @ 2 Stripes
197.3		Sta 71 + 28 - 100 + 88	Double Yellow - Centerline @ 2 Stripes
127.3		Sta 100 + 88 - 110 + 43	Double Yellow - Median @ 4 Stripes
62.7		Sta 111 + 14 - 115 + 84	Double Yellow - Median @ 4 Stripes
252.5		Sta 115 + 84 - 153 + 71	Double Yellow - Centerline @ 2 Stripes
133.9		Sta 153 + 71 - 163 + 75	Double Yellow - Median @ 4 Stripes
69.7		Sta 164 + 65 - 169 + 88	Double Yellow - Median @ 4 Stripes
117.3		Sta 169 + 88 - 187 + 47	Double Yellow - Centerline @ 2 Stripes
	75.3	Sta 204 + 75 - 210 + 40	Double Yellow - Median @ 4 Stripes
5.7		OSLON ROAD	Double Yellow - Centerline @ 2 Stripes
5.7		BEAVER VALLEY ROAD	Double Yellow - Centerline @ 2 Stripes
11.3		TOWN HALL ROAD	Double Yellow - Median @ 4 Stripes
<u>1,285.6</u>	<u>75.3</u>	<i>Yellow Sub-Total</i>	
US BUS 20			
18.0		Sta 53 + 75 - 56 + 45	Double White - LT Turn Lane @ 2 Stripes
6.7		Sta 57 + 69 - 58 + 69	Double White - RT Turn Lane @ 2 Stripes
13.7		Sta 108 + 38 - 110 + 43	Double White - LT Turn Lane @ 2 Stripes
10.1		Sta 111 + 15 - 112 + 67	Double White - RT Turn Lane @ 2 Stripes
16.4		Sta 161 + 29 - 163 + 75	Double White - LT Turn Lane @ 2 Stripes
19.5		Sta 164 + 65 - 167 + 58	Double White - RT Turn Lane @ 2 Stripes
	9.3	Sta 204 + 75 - 210 + 40	White - LT Shoulder Stripes (4' @ 100' o.c.)
	9.3	Sta 204 + 75 - 210 + 40	White - RT Shoulder Stripes (4' @ 100' o.c.)
	7.7	Sta 209 + 25 - 210 + 40	Double White - LT Turn Lane @ 2 Stripes
<u>84.4</u>	<u>26.3</u>	<i>White Sub-Total</i>	
<u>1,370.0</u>	<u>101.6</u>	Sub-Total	
	<u>1,471.6</u>	TOTAL	

Schedule of Quantities

78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

<u>SQ FT</u> <i>RURAL</i>	<u>SQ FT</u> <i>URBAN</i>	<u>LOCATION</u>	
		US BUS 20	
15.6		Sta 53 + 95	White - LT Turn Arrow
15.6		Sta 54 + 65	White - LT Turn Arrow
15.6		Sta 55 + 56	White - LT Turn Arrow
15.6		Sta 56 + 26	White - LT Turn Arrow
15.6		Sta 57 + 89	White - RT Turn Arrow
15.6		Sta 58 + 50	White - RT Turn Arrow
15.6		Sta 108 + 58	White - LT Turn Arrow
15.6		Sta 109 + 41	White - LT Turn Arrow
15.6		Sta 110 + 23	White - LT Turn Arrow
15.6		Sta 111 + 35	White - RT Turn Arrow
15.6		Sta 111 + 91	White - RT Turn Arrow
15.6		Sta 112 + 47	White - RT Turn Arrow
15.6		Sta 161 + 49	White - LT Turn Arrow
15.6		Sta 162 + 19	White - LT Turn Arrow
15.6		Sta 162 + 85	White - LT Turn Arrow
15.6		Sta 163 + 55	White - LT Turn Arrow
15.6		Sta 164 + 85	White - RT Turn Arrow
15.6		Sta 165 + 55	White - RT Turn Arrow
15.6		Sta 166 + 68	White - RT Turn Arrow
15.6		Sta 167 + 38	White - RT Turn Arrow
	15.6	Sta 209 + 46	White - LT Turn Arrow
	15.6	Sta 209 + 84	White - LT Turn Arrow
	15.6	Sta 210 + 21	White - LT Turn Arrow
312.0	46.8	Sub-Total	
	358.8	TOTAL	

Schedule of Quantities

78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"

<u>FOOT</u> RURAL	<u>FOOT</u> URBAN	<u>LOCATION</u>	
		US BUS 20	
3,306		Sta 45 + 95 - 56 + 46	Yellow - Median
2,022		Sta 57 + 15 - 62 + 65	Yellow - Median
3,172		Sta 100 + 88 - 110 + 43	Yellow - Median
1,735		Sta 111 + 14 - 115 + 84	Yellow - Median
3,309		Sta 153 + 71 - 163 + 75	Yellow - Median
1,953		Sta 164 + 65 - 169 + 88	Yellow - Median
	2,060	Sta 204 + 75 - 210 + 40	Yellow - Median
360		TOWN HALL ROAD	Yellow - Median
<u>15,857</u>	<u>2,060</u>	<i>Yellow Sub-Total</i>	
		US BUS 20	
3,340		Sta 45 + 95 - 62 + 65	White - LT & RT EOP
2,992		Sta 100 + 88 - 115 + 84	White - LT & RT EOP
3,234		Sta 153 + 71 - 169 + 88	White - LT & RT EOP
	1,130	Sta 204 + 75 - 210 + 40	White - LT & RT EOP
200		OSLON ROAD	White - LT & RT EOP
200		BEAVER VALLEY ROAD	White - LT & RT EOP
240		TOWN HALL ROAD	White - LT & RT EOP
<u>10,206</u>	<u>1,130</u>	<i>White Sub-Total</i>	
<u>26,063</u>	<u>3,190</u>	Sub-Total	
	<u>29,253</u>	TOTAL	

78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 8"

<u>FOOT</u> RURAL	<u>FOOT</u> URBAN	<u>LOCATION</u>	
		US BUS 20	
270		Sta 53 + 75 - 56 + 45	White - LT Turn Lane
100		Sta 57 + 69 - 58 + 69	White - RT Turn Lane
205		Sta 108 + 38 - 110 + 43	White - LT Turn Lane
152		Sta 111 + 15 - 112 + 67	White - RT Turn Lane
246		Sta 161 + 29 - 163 + 75	White - LT Turn Lane
293		Sta 164 + 65 - 167 + 58	White - RT Turn Lane
	115	Sta 209 + 25 - 210 + 40	White - LT Turn Lane
103		OSLON ROAD	White - Painted Island
98		BEAVER VALLEY ROAD	White - Painted Island
150		TOWN HALL ROAD	White - Painted Island
<u>1,617</u>	<u>115</u>	Sub-Total	
	<u>1,732</u>	TOTAL	

Schedule of Quantities

78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"

<u>FOOT</u> RURAL	<u>FOOT</u> URBAN	<u>LOCATION</u>	
US BUS 20			
225		Sta 45 + 95 - 56 + 46	Yellow - Diagonals for Median
120		Sta 57 + 15 - 62 + 65	Yellow - Diagonals for Median
207		Sta 100 + 88 - 110 + 43	Yellow - Diagonals for Median
97		Sta 111 + 14 - 115 + 84	Yellow - Diagonals for Median
194		Sta 153 + 71 - 163 + 75	Yellow - Diagonals for Median
129		Sta 164 + 65 - 169 + 88	Yellow - Diagonals for Median
	208	Sta 204 + 75 - 210 + 40	Yellow - Diagonals for Median
28		TOWN HALL ROAD	Yellow - Diagonals for Median
<u>1,000</u>	<u>208</u>	<i>Yellow Sub-Total</i>	
81		OSLON ROAD	White - Diagonals for Island
73		BEAVER VALLEY ROAD	White - Diagonals for Island
82		TOWN HALL ROAD	White - Diagonals for Island
<u>236</u>	<u>-</u>	<i>White Sub-Total</i>	
<u>1,236</u>	<u>208</u>	<i>Sub-Total</i>	
	<u>1,444</u>	TOTAL	

78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"

<u>FOOT</u>	<u>LOCATION</u>	
32	OSLON ROAD	White - Stop Bar (20' & 12')
32	BEAVER VALLEY ROAD	White - Stop Bar (20' & 12')
35	TOWN HALL ROAD	White - Stop Bar (20' & 15')
<u>99</u>	TOTAL	

78001110 PAINT PAVEMENT MARKING - LINE 4"

<u>FOOT</u>	<u>LOCATION</u>	(2 Applications)	
US BUS 20			
40	Sta 38 + 32 - 39 + 07		Yellow - Skip Dash
1,720	Sta 39 + 07 - 45 + 95		Yellow - EB No Pass
580	Sta 62 + 65 - 73 + 92		Yellow - Skip Dash
2,380	Sta 73 + 92 - 83 + 42		Yellow - EB No Pass
6,984	Sta 83 + 42 - 100 + 88		Yellow - Double Yellow No Pass
756	Sta 115 + 85 - 117 + 74		Yellow - Double Yellow No Pass
2,110	Sta 117 + 74 - 126 + 19		Yellow - WB No Pass
1,380	Sta 126 + 19 - 153 + 71		Yellow - Skip Dash
1,760	Sta 169 + 88 - 176 + 88		Yellow - EB No Pass
<u>4,236</u>	Sta 176 + 88 - 187 + 47		Yellow - Double Yellow No Pass
21,946	<i>Sub-Total</i>		
US BUS 20			
3,052	Sta 38 + 32 - 45 + 95		White - LT & RT EOP
15,292	Sta 62 + 65 - 100 + 88		White - LT & RT EOP
15,144	Sta 115 + 85 - 153 + 71		White - LT & RT EOP
<u>7,036</u>	Sta 169 + 88 - 187 + 47		White - LT & RT EOP
40,524	<i>Sub-Total</i>		
<u>62,470</u>	TOTAL		

Schedule of Quantities

78001180 PAINT PAVEMENT MARKING - LINE 24"

<u>FOOT</u>	<u>LOCATION</u>	(2 Applications)
30	DISTILLERY ROAD	White - Stop Bar (L = 15')
30	ANDERSON DRIVE	White - Stop Bar (L = 15')
<u>60</u>	TOTAL	

78100100 RAISED REFLECTIVE PAVEMENT MARKER

<u>EACH</u>	<u>LOCATION</u>	
<u>Two-Way Amber</u>		
US BUS 20		
1	Sta 38 + 32 - 39 + 07	1 @ 80' o.c.
9	Sta 39 + 07 - 45 + 95	1 @ 80' o.c.
14	Sta 62 + 65 - 73 + 92	1 @ 80' o.c.
12	Sta 73 + 92 - 83 + 42	1 @ 80' o.c.
44	Sta 83 + 42 - 100 + 88	2 @ 80' o.c.
4	Sta 115 + 85 - 117 + 74	2 @ 80' o.c.
11	Sta 117 + 74 - 126 + 19	1 @ 80' o.c.
35	Sta 126 + 19 - 153 + 71	1 @ 80' o.c.
9	Sta 169 + 88 - 176 + 88	1 @ 80' o.c.
26	Sta 176 + 88 - 187 + 47	2 @ 80' o.c.
26	Sta 45 + 95 - 56 + 46	LT @ 40' o.c.
14	Sta 45 + 95 - 51 + 15	RT @ 40' o.c.
24	Sta 51 + 15 - 56 + 46	RT @ 20' o.c.
30	Sta 57 + 15 - 62 + 65	LT & RT @ 40' o.c.
25	Sta 100 + 88 - 110 + 43	LT @ 40' o.c.
14	Sta 100 + 88 - 106 + 08	RT @ 40' o.c.
20	Sta 106 + 08 - 110 + 43	RT @ 20' o.c.
26	Sta 111 + 14 - 115 + 84	LT & RT @ 40' o.c.
26	Sta 153 + 71 - 163 + 75	LT @ 40' o.c.
14	Sta 153 + 71 - 158 + 83	RT @ 40' o.c.
24	Sta 158 + 83 - 163 + 75	RT @ 20' o.c.
30	Sta 164 + 65 - 169 + 88	LT & RT @ 40' o.c.
<u>5</u>	TOWN HALL ROAD	
443	Sub-Total	

One-Way Crystal

US BUS 20		
15	Sta 53 + 75 - 56 + 45	20' o.c. - LT Turn Lane
6	Sta 57 + 69 - 58 + 70	20' o.c. - RT Turn Lane
11	Sta 108 + 38 - 110 + 43	20' o.c. - LT Turn Lane
9	Sta 111 + 14 - 112 + 67	20' o.c. - RT Turn Lane
13	Sta 161 + 29 - 163 + 75	20' o.c. - LT Turn Lane
16	Sta 164 + 65 - 167 + 58	20' o.c. - RT Turn Lane
<u>70</u>	Sub-Total	
<u>513</u>	TOTAL	

Schedule of Quantities

78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

<u>EACH</u>	<u>LOCATION</u>			
US BUS 20				
1	Sta 38 + 32	-	39 + 07	1 @ 80' o.c.
9	Sta 39 + 07	-	45 + 95	1 @ 80' o.c.
14	Sta 62 + 65	-	73 + 92	1 @ 80' o.c.
12	Sta 73 + 92	-	83 + 42	1 @ 80' o.c.
44	Sta 83 + 42	-	100 + 88	2 @ 80' o.c.
4	Sta 115 + 85	-	117 + 74	2 @ 80' o.c.
11	Sta 117 + 74	-	126 + 19	1 @ 80' o.c.
35	Sta 126 + 19	-	153 + 71	1 @ 80' o.c.
9	Sta 169 + 88	-	176 + 88	1 @ 80' o.c.
26	Sta 176 + 88	-	187 + 47	2 @ 80' o.c.
<u>165</u>	<i>Sub-Total</i>			
US BUS 20				
92	Sta 45 + 95	-	62 + 65	
84	Sta 100 + 88	-	115 + 85	
<u>101</u>	Sta 153 + 71	-	169 + 88	Includes Town Hall Rd
<u>277</u>	<i>Sub-Total</i>			
<u>442</u>	TOTAL			

Z0028415 GEOTECHNICAL REINFORCEMENT

<u>SQ YD</u>	<u>LOCATION</u>
US BUS 20	
134	As Directed by the Resident for Full-Depth Patches
<u>134</u>	TOTAL

Z0028700 GRANULAR SUBGRADE REPLACEMENT

<u>CU YD</u>	<u>LOCATION</u>
US BUS 20	
22	As Directed by the Resident for Full-Depth Patches
<u>22</u>	TOTAL

Z0040315 PILOT CAR

<u>DAY</u>	<u>LOCATION</u>
US BUS 20	
2	As Directed by the Resident
<u>2</u>	TOTAL

BITUMINOUS SCHEDULE

Location	Remarks	Length	Proposed Surface		Bit Materials Prime Coat (2 Applications)	Agg Prime Coat	Leveling Binder (Machine Method), N70	Hot-Mix Asphalt Surface Course, Mix "D", N70	Incidental Hot-Mix Asphalt Surfacing				
			Sq Yd							Ton		Ton	
			Width										
US BUS 20													
Sta 38 + 32 - 38 + 77	Butt Joint	45	30	150.0	0.09	0.23	8.4	12.6					
Sta 38 + 77 - 45 + 95		718	30	2,393.3	1.37	3.59	134.0	201.0					
Sta 45 + 95 - 55 + 11		916	31-44	4,119.7	2.36	6.18	230.7	346.1					
Sta 55 + 11 - 55 + 56	Taper	45	44	220.7	0.13	0.33	13.7	32.4					
Sta 55 + 56 - 57 + 70		214	41	986.3	0.56	1.48	55.2	82.8					
Sta 57 + 70 - 58 + 15	Taper	45	56	293.7	0.17	0.44	18.2	43.2					
Sta 58 + 15 - 62 + 65		450	56-31	2,064.2	1.18	3.10	115.6	173.4					
Sta 62 + 65 - 67 + 92		527	30	1,756.7	1.00	2.64	98.4	147.6					
Sta 67 + 92 - 68 + 37	Butt Joint	45	30	150.0	0.09	0.23	8.4	12.6					
Sta 68 + 37 - 71 + 28	Bridge Omission	291											
Sta 71 + 28 - 71 + 73	Butt Joint	45	30	150.0	0.09	0.23	8.4	12.6					
Sta 71 + 73 - 100 + 88		2,915	30	9,716.7	5.56	14.58	544.1	816.2					
Sta 100 + 88 - 109 + 11		823	31-44	3,654.5	2.09	5.48	204.7	307.9					
Sta 109 + 11 - 109 + 56	Taper	45	44-48	245.7	0.14	0.37	15.1	36.1					
Sta 109 + 56 - 111 + 67		211	41	969.2	0.55	1.45	54.3	81.4					
Sta 111 + 67 - 112 + 12	Taper	45	56.5-55.5	279.3	0.16	0.42	17.4	41.1					
Sta 112 + 12 - 116 + 64		452	55.5-31	2,077.7	1.19	3.12	116.4	174.5					
Sta 116 + 64 - 153 + 71		3,707	30	12,339.1	7.06	18.51	691.0	1,036.5					
Sta 153 + 71 - 162 + 3		832	31-44	3,638.8	2.08	5.46	203.8	305.7					
Sta 162 + 3 - 162 + 48	Taper	45	44	218.1	0.12	0.33	13.6	32.1					
Sta 162 + 48 - 165 + 12		264	41-39.5	1,191.3	0.88	1.79	66.7	100.1					
Sta 165 + 12 - 165 + 57	Taper	45	55-54	273.2	0.16	0.41	17.0	40.2					
Sta 165 + 57 - 170 + 47		490	54-30	2,416.6	1.38	3.62	135.3	203.0					
Sta 170 + 47 - 187 + 2		1,655	30	5,562.1	3.18	8.34	311.5	467.2					
Sta 187 + 2 - 187 + 47	Butt Joint	45	30	150.0	0.09	0.23	8.4	12.6					
Sta 187 + 47 - 204 + 75	Van Epps Dr Omission	1,728											
Sta 204 + 75 - 205 + 20	Butt Joint	45	38-40	195.8	0.11	0.29	11.0	16.4					
Sta 205 + 20 - 209 + 95		475	40-60	2,642.6	1.51	3.96	148.0	222.0					
Sta 209 + 95 - 210 + 40	Butt Joint	45	60-62	305.3	0.17	0.46	17.1	25.6					
8" HMA Shoulder - LT & RT													
Sta 204 + 75 - 205 + 20	Butt Joint	45	8	80.0	0.05	0.12	4.5	6.7					
Sta 205 + 20 - 209 + 95		475	8	844.4	0.48	1.27	47.3	70.9					
Sta 209 + 95 - 210 + 40	Butt Joint	45	8	80.0	0.05	0.12	4.5	6.7					
Olson Road	Return	89	34	835.9	0.48	1.25	46.8	70.2					
Distillery Road	Return	32	24	217.7	0.12	0.33	13.7	32.4					
Beaver Valley Road	Return	88	32	809.5	0.46	1.21	45.3	68.0					
Anderson Drive	Return	32	24	217.7	0.12	0.33	13.7	32.4					
Town Hall Road	Return	101	44	1,131.3	0.65	1.70	63.4	95.0					
SUB-TOTAL (RURAL)				58,229.0	33.3	87.3	3,245.8	4,951.1	67.1				
SUB-TOTAL (URBAN**)				4,148.1	2.4	6.2	232.3	348.4	0.0				
TOTAL				62,377.1	35.7	93.6	3,478.1	5,299.5	67.1				

* Note: Added Extra Quantity for Taper

** Note: In Urban Area

FAP 517 (US BUS 20)
SECTION L-RS-3
BOONE COUNTY
CONTRACT 64D45
SHEET 21 OF 42

PARTIAL DEPTH PAVEMENT PATCHING

15 FEET LANE WIDTH

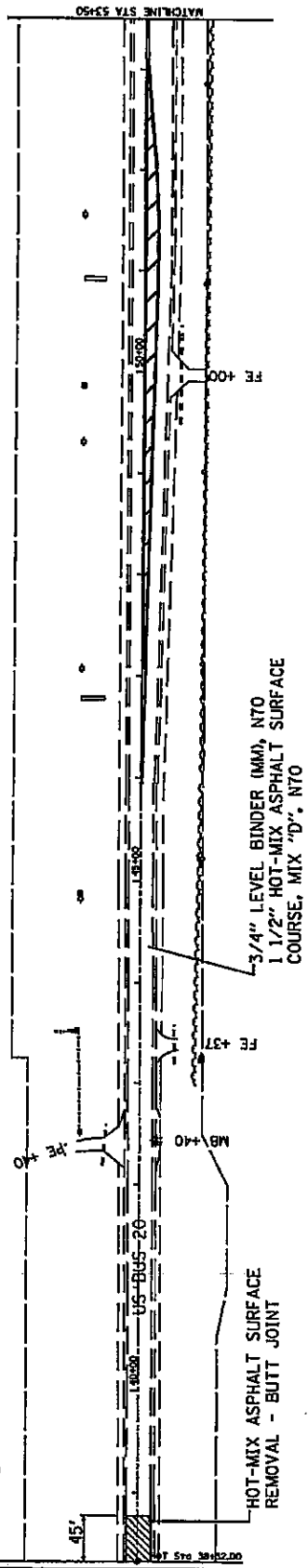
STATION	REMARKS	LENGTH OF PATCH				AREA OF PATCHES				HOT-MIX ASPHALT REMOVAL		HOT-MIX ASPHALT REPLACEMENT	
		WB LANE		EB LANE		TYPE 2		TYPE 4		OVER PATCHES - 6 1/2"		OVER PATCHES - 6 1/2"	
		(feet)	(feet)	(feet)	(feet)	(yd²)	(yd²)	(yd²)	(yd²)	WB LANE (yd²)	EB LANE (yd²)	WB LANE TON	EB LANE TON
US BUS 20													
38 + 75		6	6	10.0	10.0					11.7		4.25	4.25
43 + 25		8	8	13.3	13.3					15.0		5.46	5.46
45 + 35			6		10.0					11.7			4.25
45 + 62		20	20			33.3	33.3			35.0		12.74	12.74
46 + 65		6	6	10.0	10.0					11.7		4.25	4.25
46 + 92		6	6	10.0	10.0					11.7		4.25	4.25
47 + 10		6	6	10.0	10.0					11.7		4.25	4.25
51 + 50		6	6	10.0	10.0					11.7		4.25	4.25
51 + 50	Median / Turn Lane	6	6	10.0	10.0					11.7		4.25	4.25
59 + 58		6	6	10.0	10.0					11.7		4.25	4.25
60 + 24		6	6	10.0	10.0					11.7		4.25	4.25
61 + 82		6	6	10.0	10.0					11.7		4.25	4.25
76 + 93		6	6	10.0	10.0					11.7		4.25	4.25
79 + 30		6	6	10.0	10.0					11.7		4.25	4.25
80 + 80		6	6	10.0	10.0					11.7		4.25	4.25
85 + 29		6	6	10.0	10.0					11.7		4.25	4.25
86 + 15		6	6	10.0	10.0					11.7		4.25	4.25
88 + 35		6	6	10.0	10.0					11.7		4.25	4.25
90 + 91		6	6	10.0	10.0					11.7		4.25	4.25
97 + 49		6	6	10.0	10.0					11.7		4.25	4.25
108 + 15		6	6	10.0	10.0					11.7		4.25	4.25
108 + 15	Median / Turn Lane	6	6	10.0	10.0					11.7		4.25	4.25
185 + 51		6	6	10.0	10.0					11.7		4.25	4.25
TOTAL												98.9	98.9
PAY FOR % OF TOTAL													
GRAND TOTAL												543.3	197.8

ENTRANCE SCHEDULE

STATION		REMARKS	PROPOSED SURFACE AREA	35101400 AGGREGATE BASE COURSE, TYPE B	40600200 BITUMINOUS MATERIALS (PRIME COAT) (1.5 APPLICATION)	40800050 INCIDENTAL HOT-MIX ASPHALT SURFACING 2.75"
RURAL				TON	TON	TON
42+40	LT	PE	178		0.08	27.4
42+40	RT	MB	58		0.02	8.9
43+37	RT	FE	43	5.5		
50+00	RT	FE	43	5.5		
54+08	LT	FE	43	5.5		
56+23	RT	FE	43	5.5		
58+22	RT	PE	104		0.04	16.0
60+32	RT	PE+MB	126		0.05	19.4
61+86	LT	PE+MB	130		0.06	20.0
61+86	RT	MB	48		0.02	7.4
63+50	LT	PE	355		0.15	54.7
77+39	RT	FE	43	5.5		
82+27	LT	PE	110		0.05	16.9
90+97	RT	FE	43	5.5		
92+42	RT	FE	43	5.5		
99+92	RT	CE+MB	165		0.07	25.4
102+47	RT	CE	159		0.07	24.5
103+95	RT	CE+MB	156		0.07	24.0
109+51	RT	PE+MB	135		0.06	20.8
113+19	RT	FE	35	4.5		
116+88	LT	CE	134		0.06	20.6
116+93	RT	PE	108		0.05	16.6
118+00	LT	CE+MB	161		0.07	24.8
121+51	RT	CE	178		0.08	27.4
130+13	LT	PE	111		0.05	17.1
135+03	RT	CE	239		0.10	36.8
136+92	LT	PE+MB	128		0.05	19.7
142+17	LT	FE	35	4.5		
148+35	LT	FE	43	5.5		
153+35	RT	FE	43	5.5		
156+22	LT	PE+MB	170		0.07	28.2
156+22	RT	MB	40		0.02	6.2
158+13	RT	PE	138		0.06	21.3
159+17	RT	PE	134		0.06	20.6
160+55	RT	FE	47		0.02	7.2
162+19	RT	PE	86		0.04	13.2
170+81	RT	PE	144		0.06	22.2
171+56	RT	PE	159		0.07	24.5
172+87	LT	FE	43	5.5		
174+24	LT	CE	235		0.10	36.2
174+54	RT	PE+MB	196		0.08	30.2
176+30	LT	CE	250		0.11	38.5
176+30	RT	PE+MB	125		0.05	19.3
177+12	LT	FE	43	5.5		
177+44	RT	CE	107		0.05	16.5
179+87	RT	PE+MB	128		0.05	19.7
180+83	RT	PE	128		0.05	19.7
181+60	RT	PE+MB	128		0.05	19.7
186+37	LT	PE	156		0.07	24.0
URBAN						
205+70	LT	CE	200		0.09	30.8
208+73	RT	PE	181		0.08	27.9
207+75	LT	CE	317		0.14	48.8
207+95	RT	PE	200		0.09	30.8
208+73	LT	PE	98		0.04	15.1
208+86	RT	PE	91		0.04	14.0
209+58	LT	PE	95		0.04	14.6
RURAL TOTAL				69.5	2.2	793.7
URBAN TOTAL					0.5	182.0
TOTAL				69.5	2.7	975.7

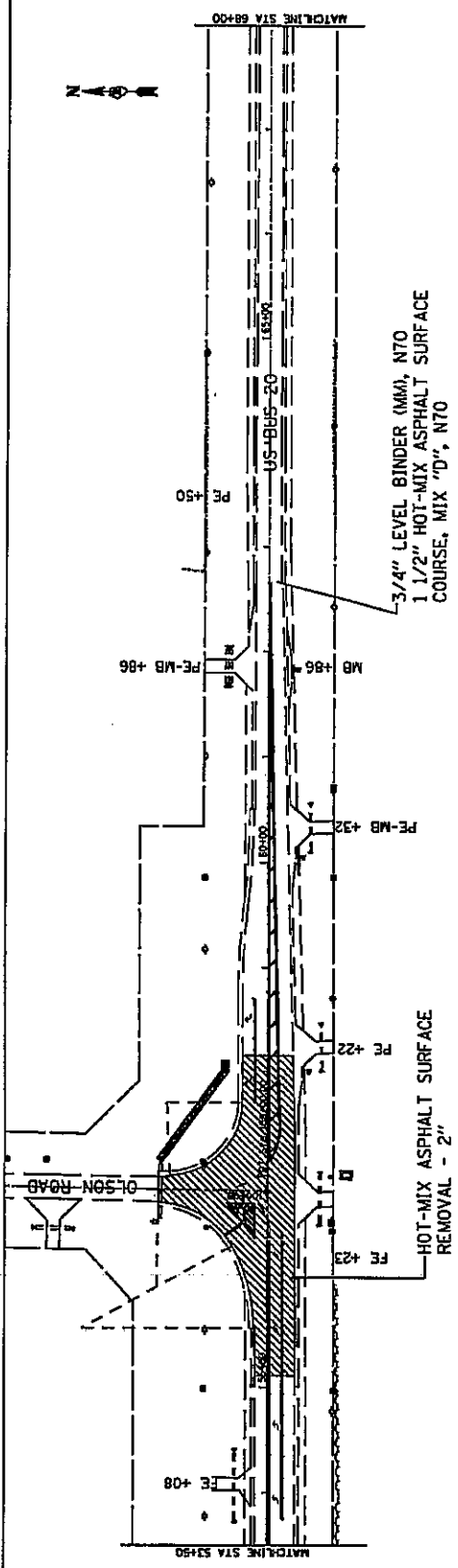
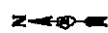


SECTION BEGINS
STA 38+32



3/4" LEVEL BINDER (MM), NTO
1 1/2" HOT-MIX ASPHALT SURFACE
COURSE, MIX "D", NTO

HOT-MIX ASPHALT SURFACE
REMOVAL - BUTT JOINT

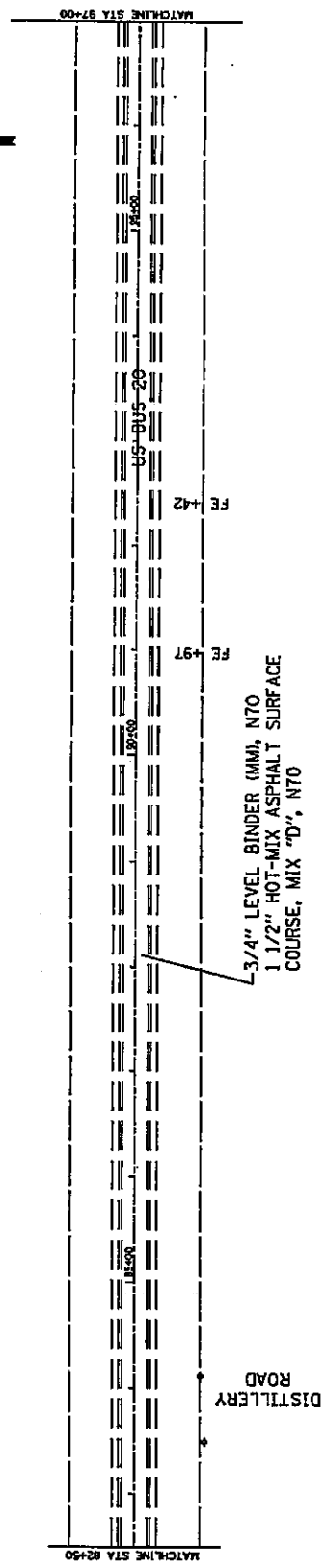
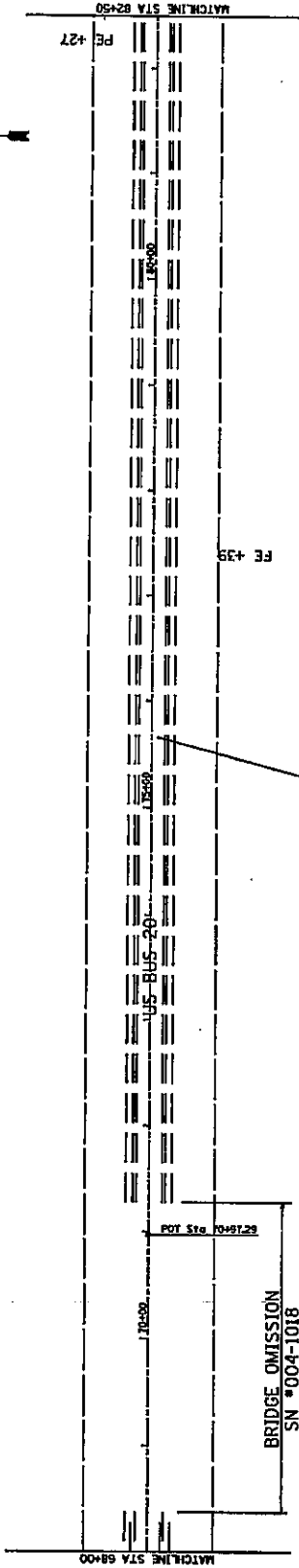


3/4" LEVEL BINDER (MM), NTO
1 1/2" HOT-MIX ASPHALT SURFACE
COURSE, MIX "D", NTO

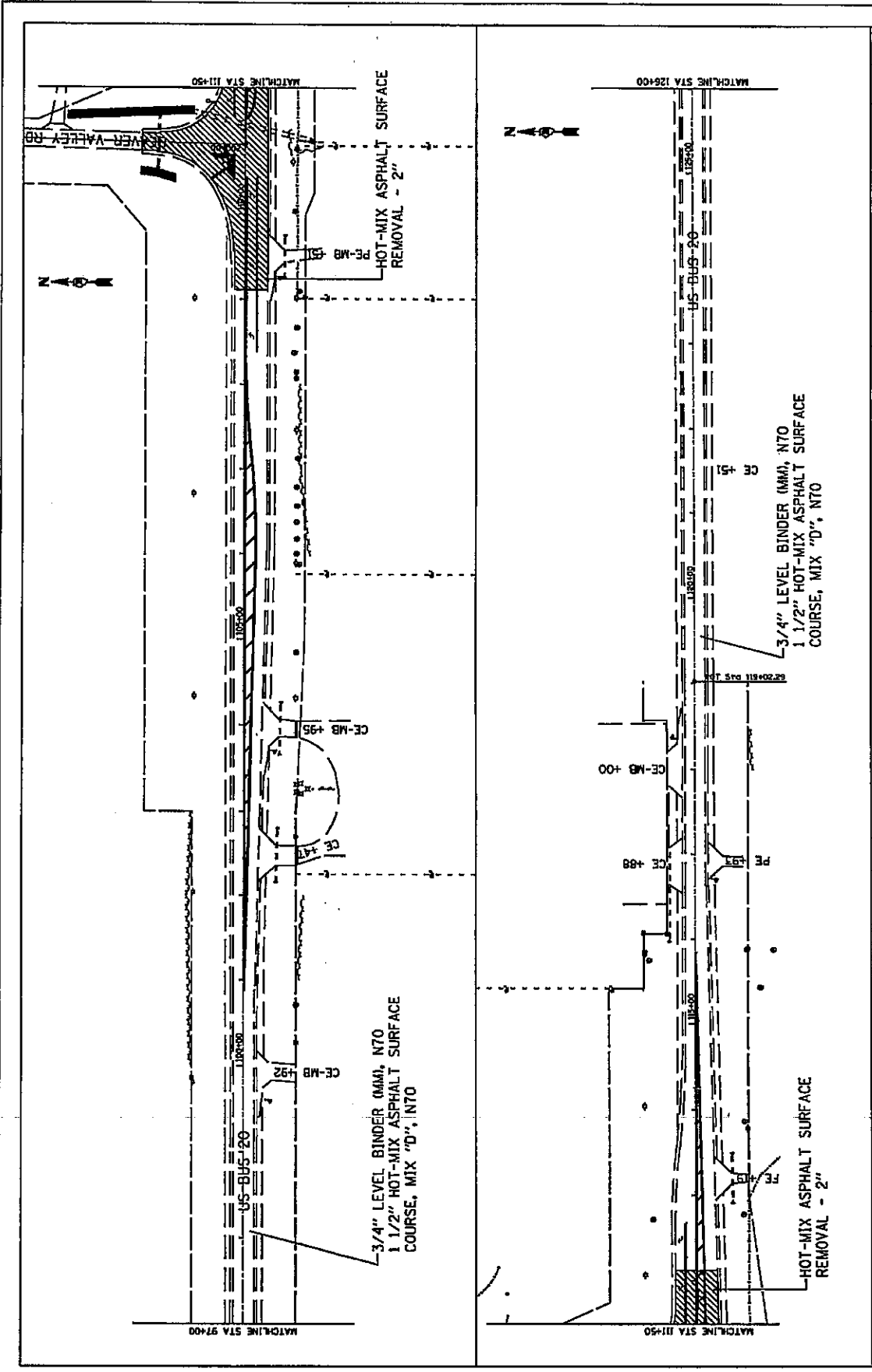
F.A.P. RITE	SECTION	COUNTY	TOTAL SHEETS
SIT	L-RS-3	BOONE	42
FED. ROAD DIST. NO.		ILLINOIS (FED. AID PROJECT)	CONTRACT NO. 64045

PLAN SHEET		TO STA. 68+00
SCALE:	SHEET NO. OF	SHEETS STA. 38+32

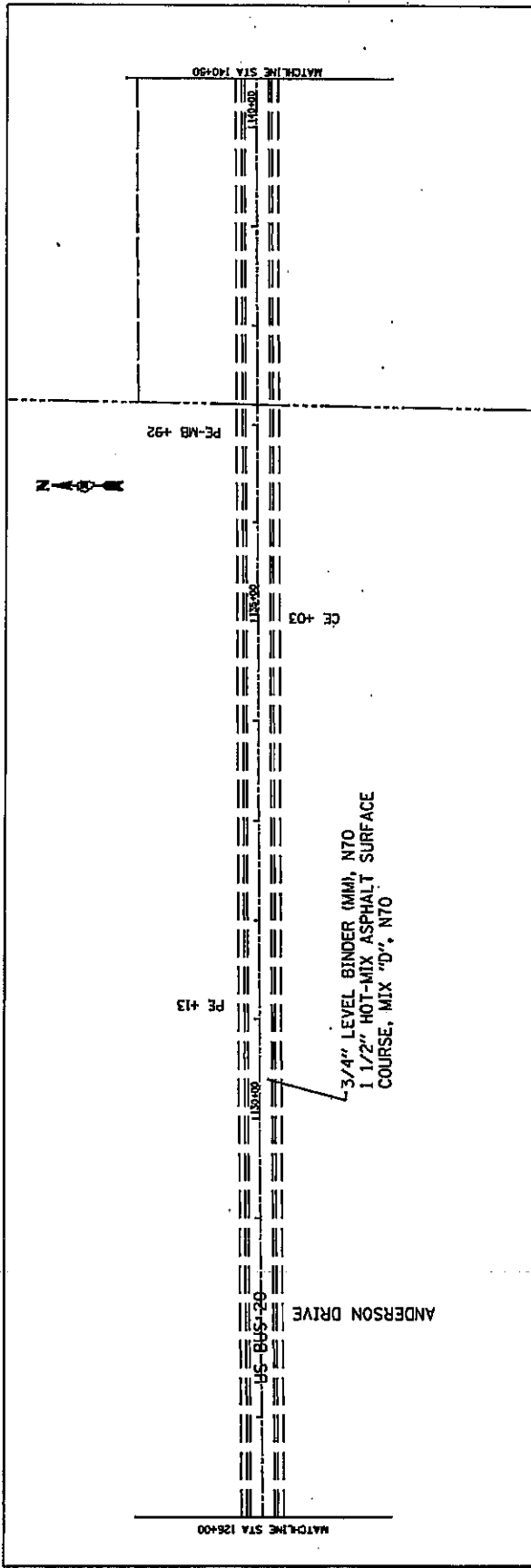
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



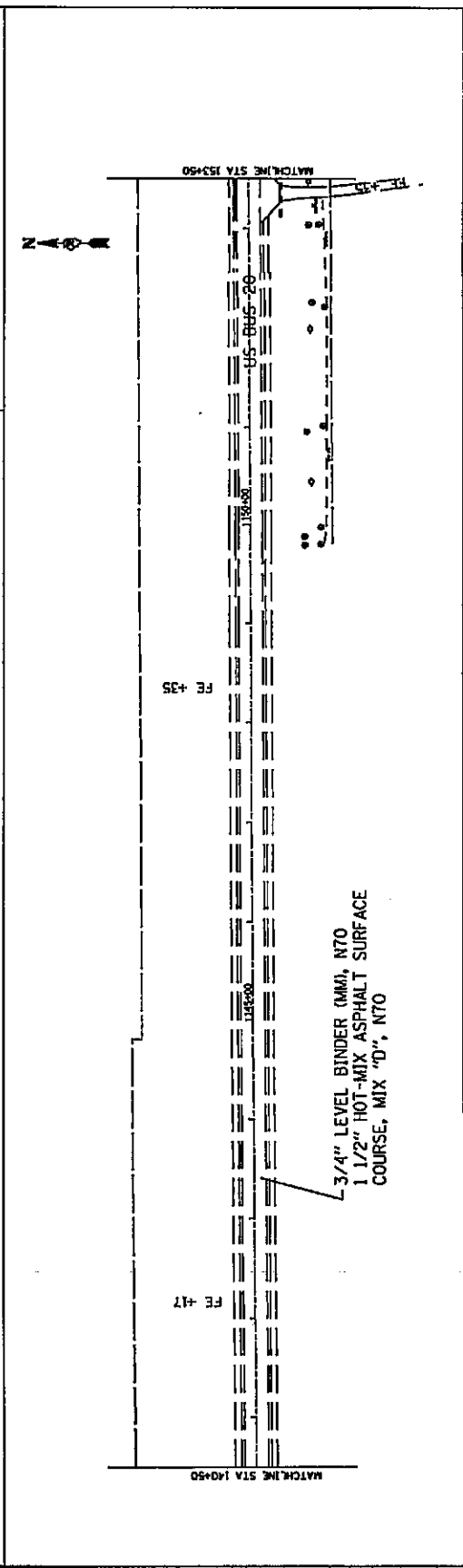
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		SCALE:		SHEET NO. OF	SHEETS	STA. 68+00	TO STA. 97+00	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
		PLAN SHEET		SECTION	L-RS-3	COUNTY	BOONE	TOTAL SHEETS	42
		CONTRACT NO. 64D45							



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		PLAN SHEET		TOTAL SHEET SHEETS 42		COUNTY BOONE		CONTRACT NO. 64045	
SCALE:		SHEET NO. OF SHEETS STA. 97+00 TO STA. 126+00		SECTION L-RS-3		F.A.P. SITE		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

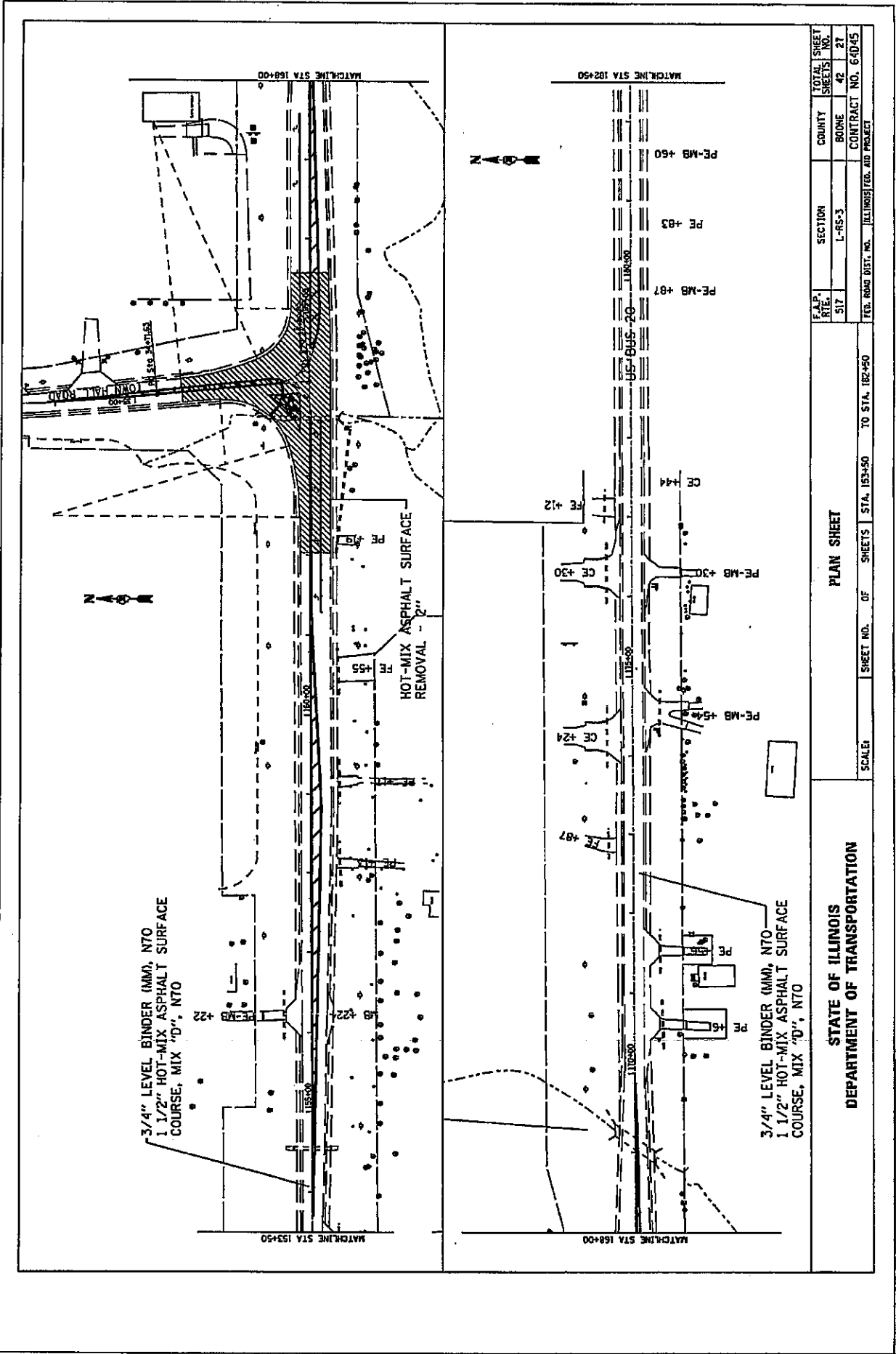


3/4" LEVEL BINDER (MM), N70
 1 1/2" HOT-MIX ASPHALT SURFACE
 COURSE, MIX "D", N70



3/4" LEVEL BINDER (MM), N70
 1 1/2" HOT-MIX ASPHALT SURFACE
 COURSE, MIX "D", N70

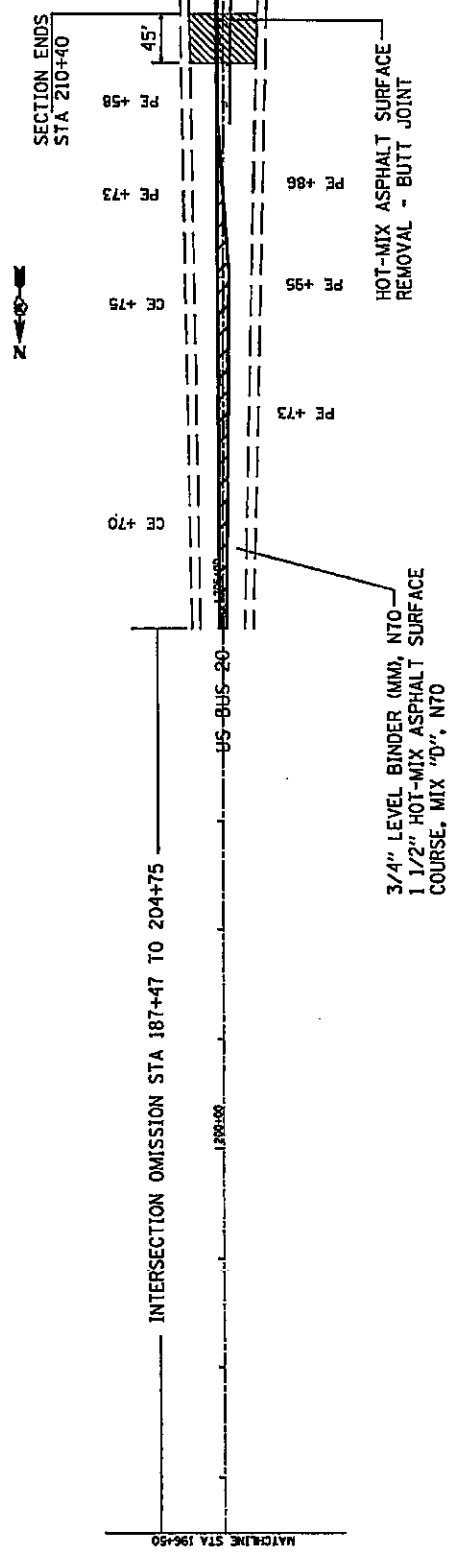
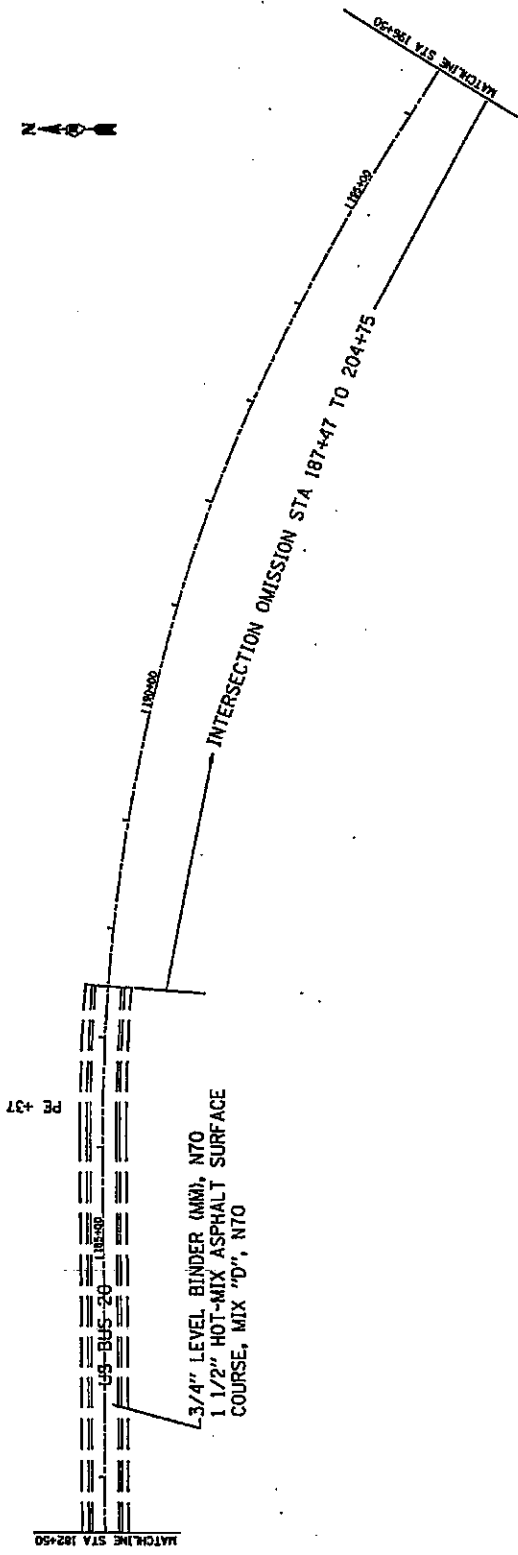
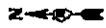
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		PLAN SHEET				COUNTY BOONE		TOTAL SHEETS 42		SHEET NO. 26	
		SCALE:	SHEET NO.	OF	SHEETS	STA. 126+00	TO STA. 153+50	FEDERAL DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 64D45	



S.P. BY SIT	SECTION	COUNTY	TOTAL SHEET
			NO.
517	L-85-3	BOONE	42
FED. ROAD DIST. NO. ILLINOIS/FEA. AID PROJECT			CONTRACT NO. 64045

PLAN SHEET	
SHEET NO. OF	SHEETS
153+50	TO STA. 182+50
SCALE:	

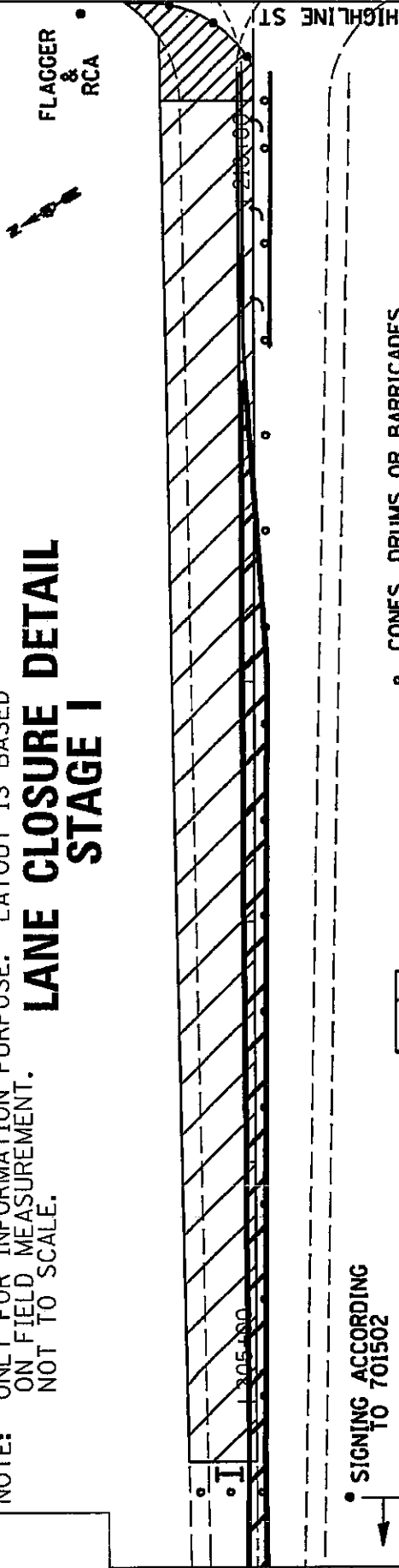
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION





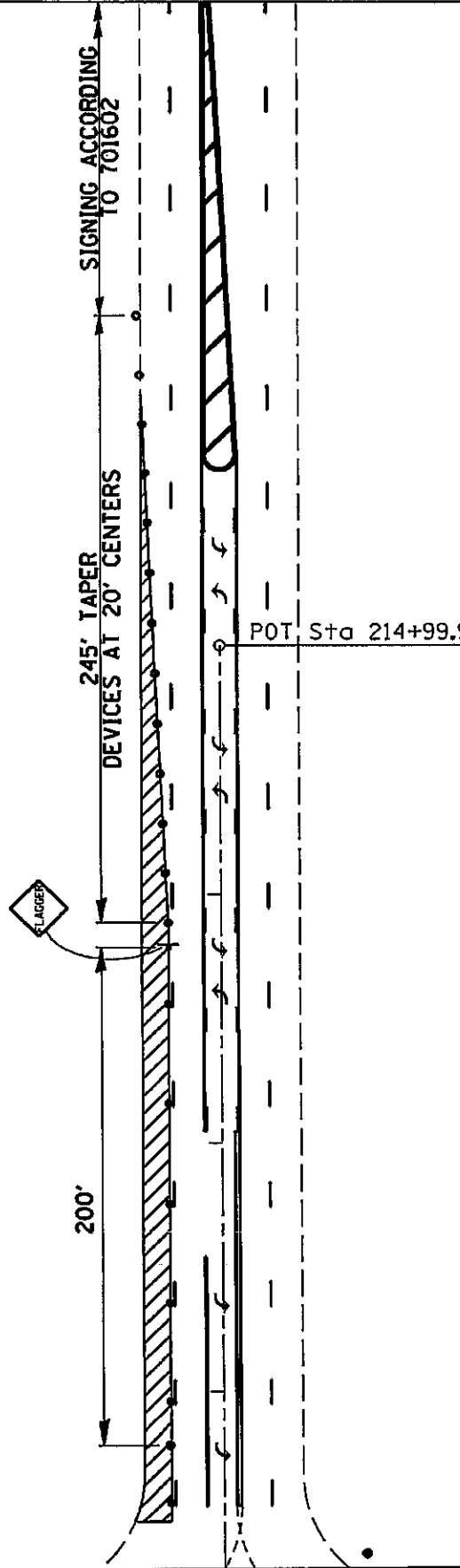
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		PLAN SHEET		TOTAL SHEETS	
		SHEET NO. OF	SHEETS	NO.	NO.
SCALE:		STA. 182+50	TO STA. 210+00	COUNTY	BOONE
				SECTION	L-85-3
				F.A.P. SITE	
				FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
				CONTRACT NO.	6-0D45

NOTE: ONLY FOR INFORMATION PURPOSE. LAYOUT IS BASED ON FIELD MEASUREMENT. NOT TO SCALE.

LANE CLOSURE DETAIL STAGE I



-  WORK AREA
-  CLOSED LANE
- CONES, DRUMS OR BARRICADES
- I TYPE I OR II BARRICADE
- FLAGGER

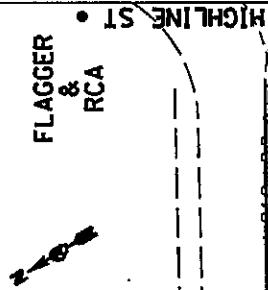


STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		LANE CLOSURE DETAIL		SHEET NO. OF SHEETS		TO STA. TO STA.	
SCALE:		SECTION L-255-3		COUNTY		SHEET NO.	
SHEET NO. 42		CONTRACT NO. 64005		ROUTE		SHEET NO. 204	
TOTAL SHEETS		TOTAL PROJECT		CONTRACT NO. 64005		SHEET NO. 204	

LANE CLOSURE DETAIL

NOTE: ONLY FOR INFORMATION PURPOSE. LAYOUT IS BASED ON FIELD MEASUREMENT. NOT TO SCALE.

LANE CLOSURE DETAIL STAGE II



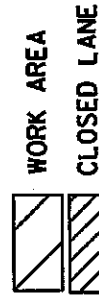
TAPER
DEVICES AT 20' CENTERS



1 205+00

210+00

• SIGNING ACCORDING TO 701502



- CONES, DRUMS OR BARRICADES
- I TYPE I OR II BARRICADE
- FLAGGER

200'
FLAGGER & RCA



245' TAPER
DEVICES AT 20' CENTERS

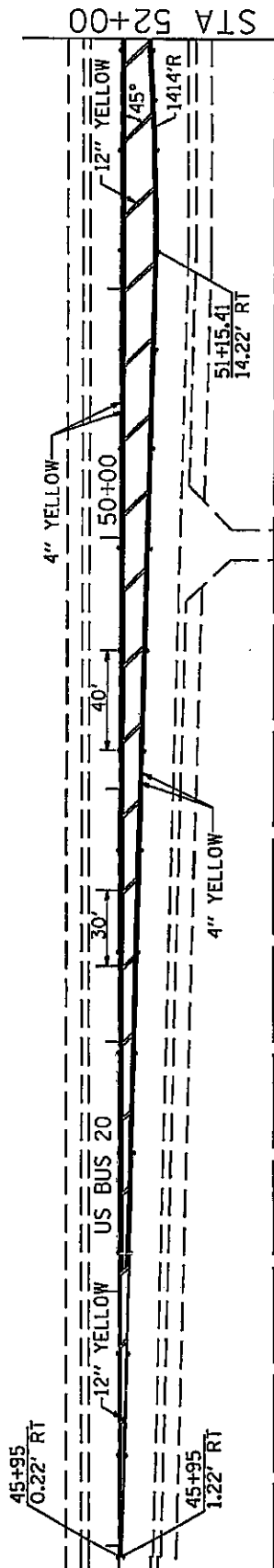
SIGNING ACCORDING TO 701602

POT Sta 214+99.5

• FLAGGER & RCA

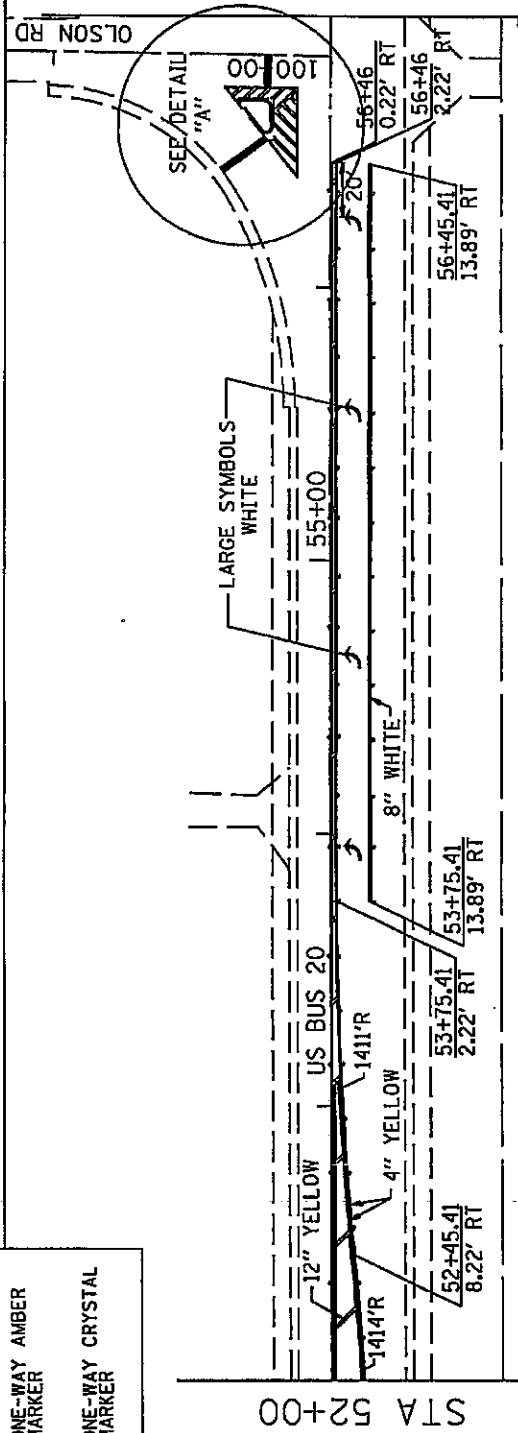
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE		SHEET NO. OF SHEETS		TO STA.		FROM STA.	
LANE CLOSURE DETAIL				LANE CLOSURE DETAIL			
STATE	SECTION	COUNTY	ROUTE	SHEET	CONTRACT NO.	FEEL. DIST. NO.	BLANKS
ILL.	1-185-3	BOONE	42	288	64045		

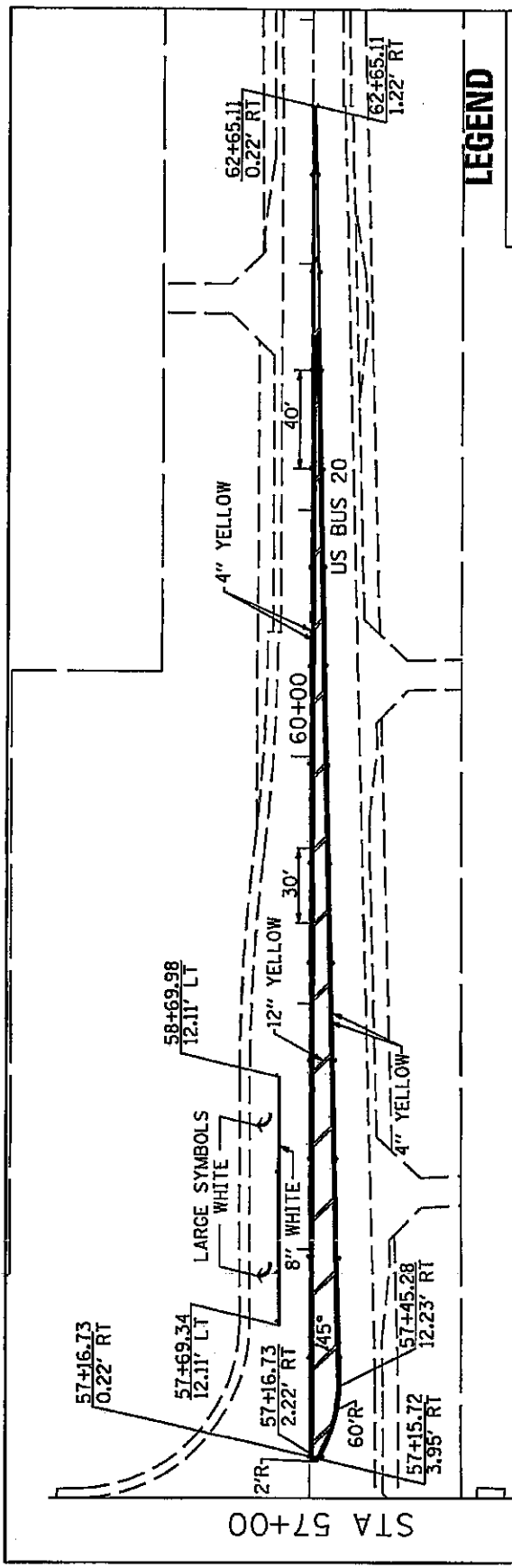


LEGEND

- ◆ TWO-WAY AMBER MARKER
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER

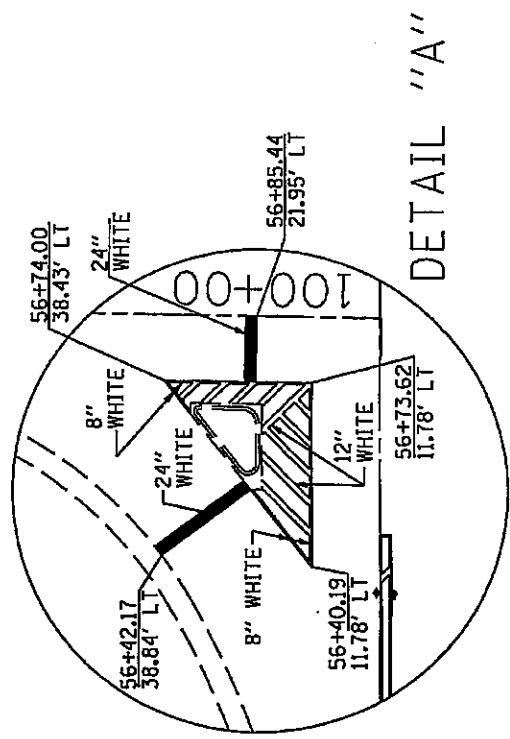


STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		PAVEMENT MARKING DETAILS		COUNTY		SHEET	
SCALE		SHEET NO. OF SHEETS		ROUTE		NO.	
STA.		TO STA.		CONTRACT NO.		64045	
TEL. NO.		FED. AID PROJ. NO.		SECTION		L-100-3	
DATE		DATE		BOONE		42	
DRAWN		DATE		CONTRACT NO.		64045	
CHECKED		DATE		FED. AID PROJ. NO.			



LEGEND

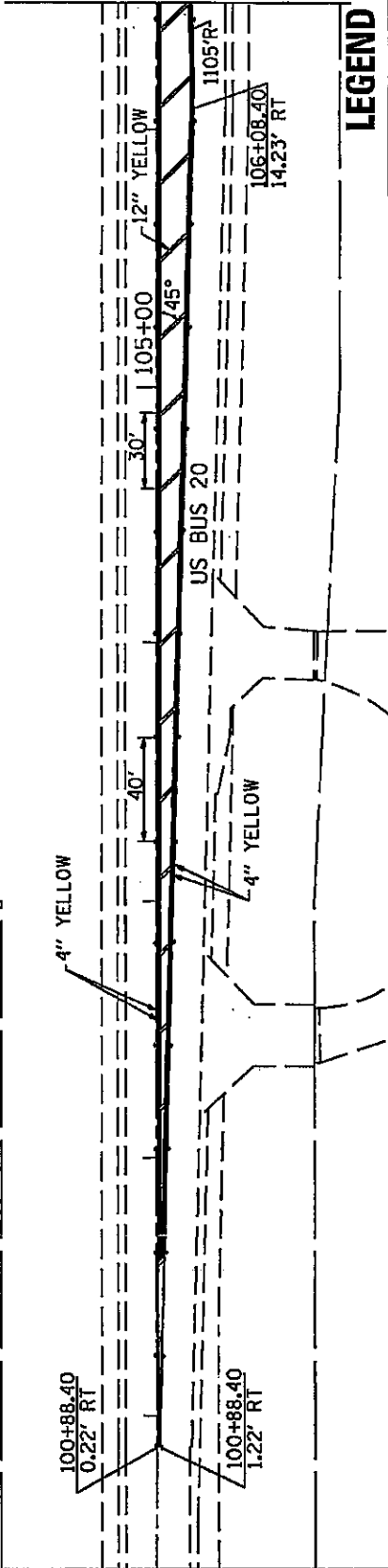
- ◆ TWO-WAY AMBER MARKER
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER



DETAIL "A"

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				PAVEMENT MARKING DETAILS			
SHEET NO. OF SHEETS		SHEET NO. OF SHEETS		SCALE:		TO STA. TO STA.	
CONTRACT NO. 64045		SECTION L-103		SHEET NO. 2		SHEET NO. 30	
DATE: 11/19/53		DRAWN BY: J. M. ...		CHECKED BY: ...		APPROVED BY: ...	

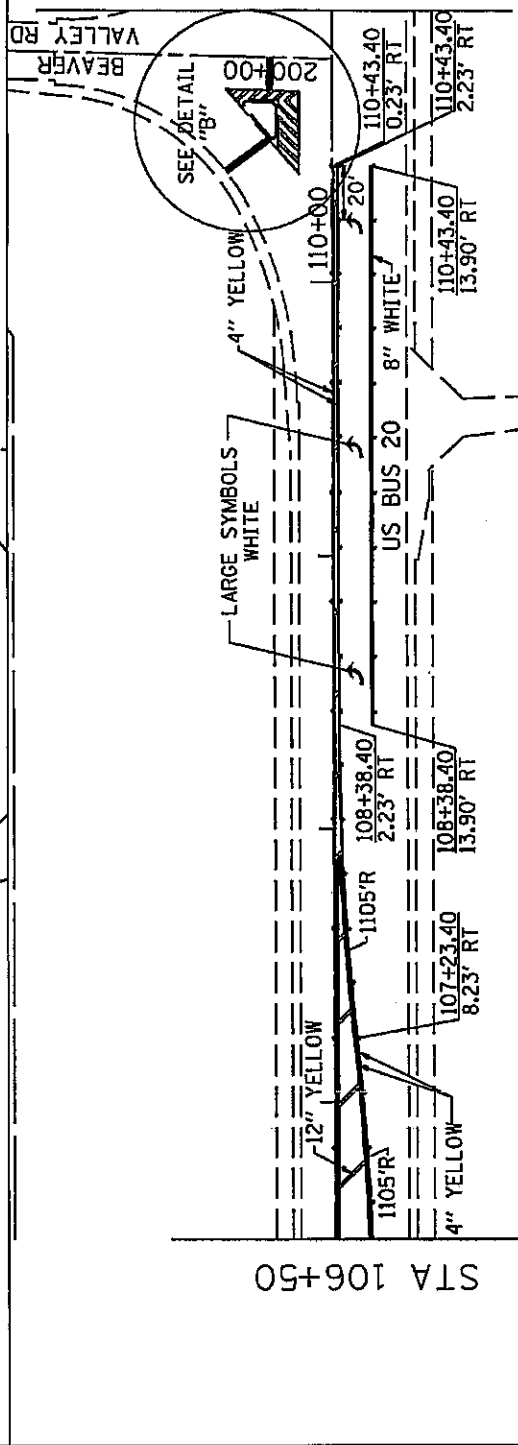
STA 106+50



LEGEND

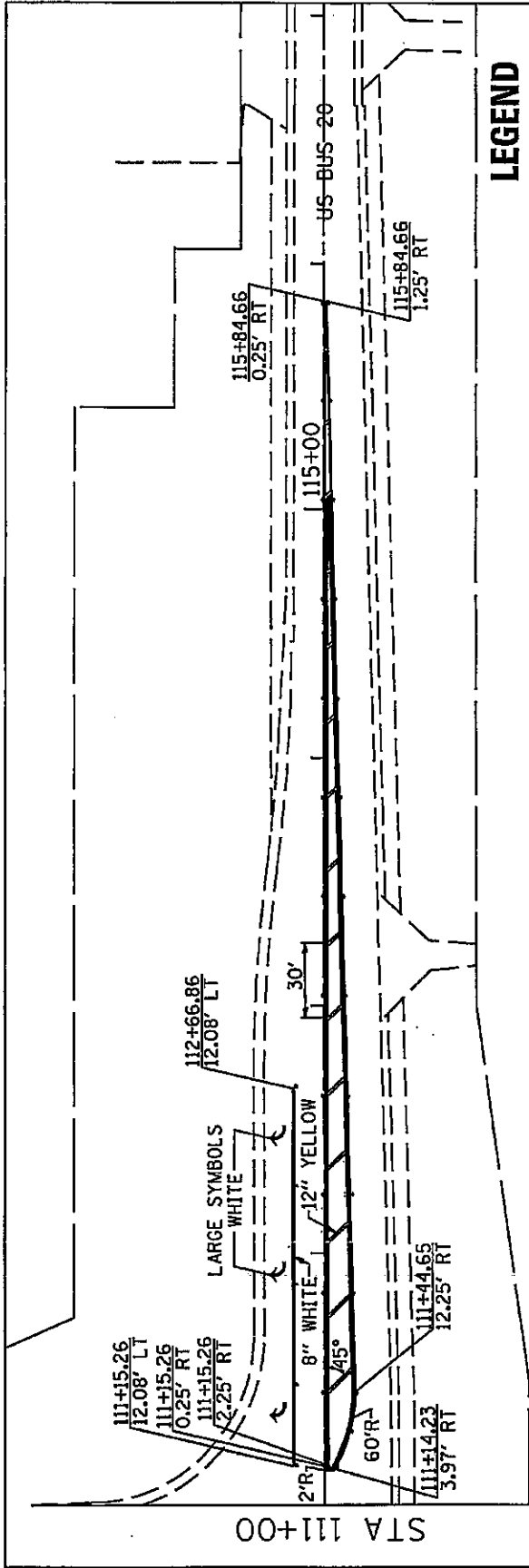
- ◆ TWO-WAY AMBER MARKER
- ▼ ONE-WAY AMBER MARKER
- ▽ ONE-WAY CRYSTAL MARKER

STA 111+00



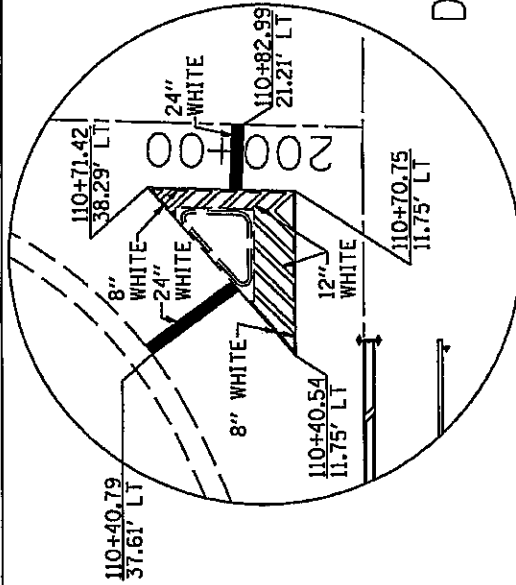
STA 106+50

STATE OF ILLINOIS		PAVEMENT MARKING DETAILS		SECTION		SHEET	
DEPARTMENT OF TRANSPORTATION		SCALE		L-88-3		45	
SHEET NO. OF SHEETS		STA. TO STA.		CONTRACT NO. & DATE		SHEET NO. & DATE	
				106+50 TO 111+00		45	



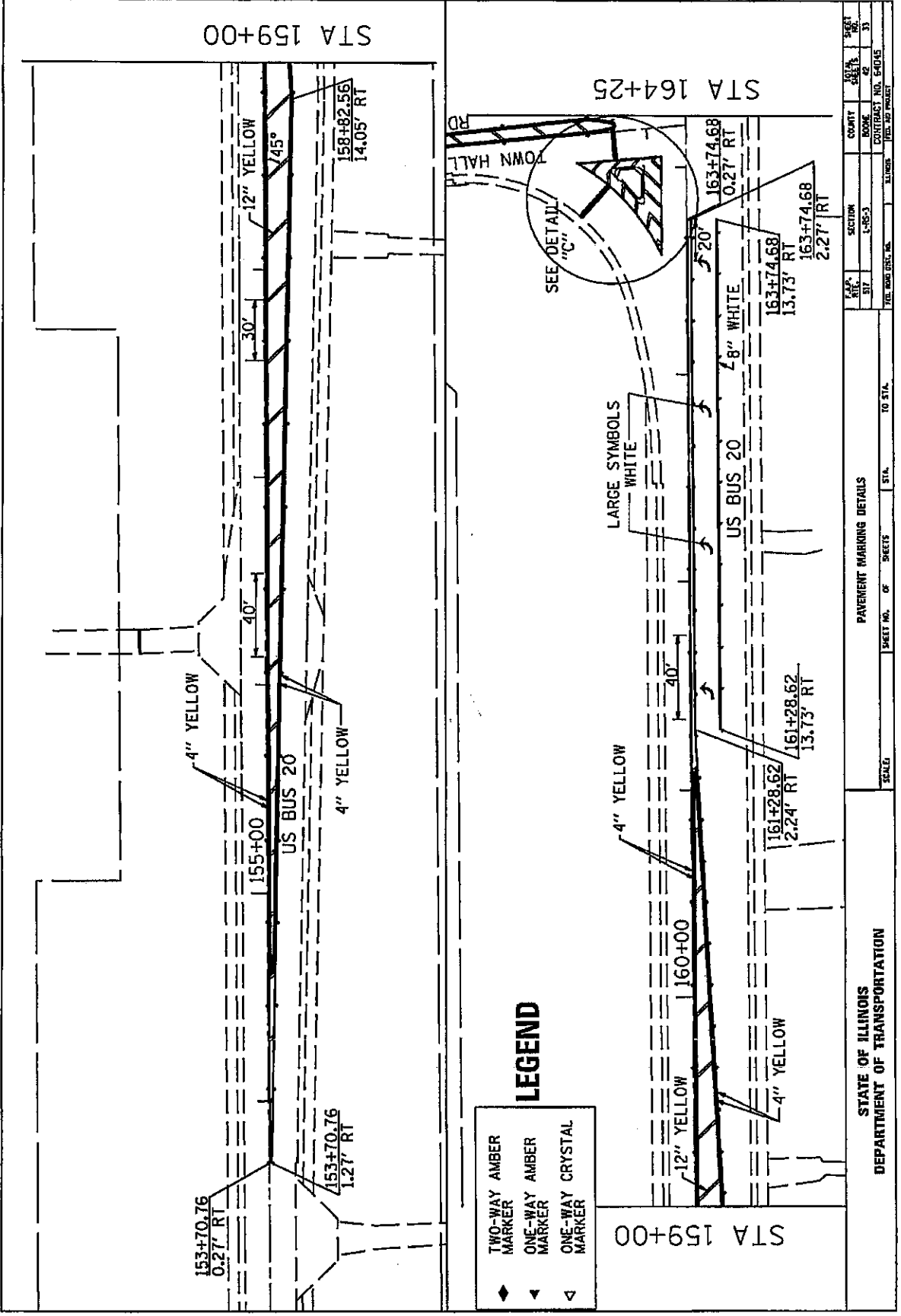
LEGEND

◆	TWO-WAY AMBER MARKER
◀	ONE-WAY AMBER MARKER
◁	ONE-WAY CRYSTAL MARKER



DETAIL "B"

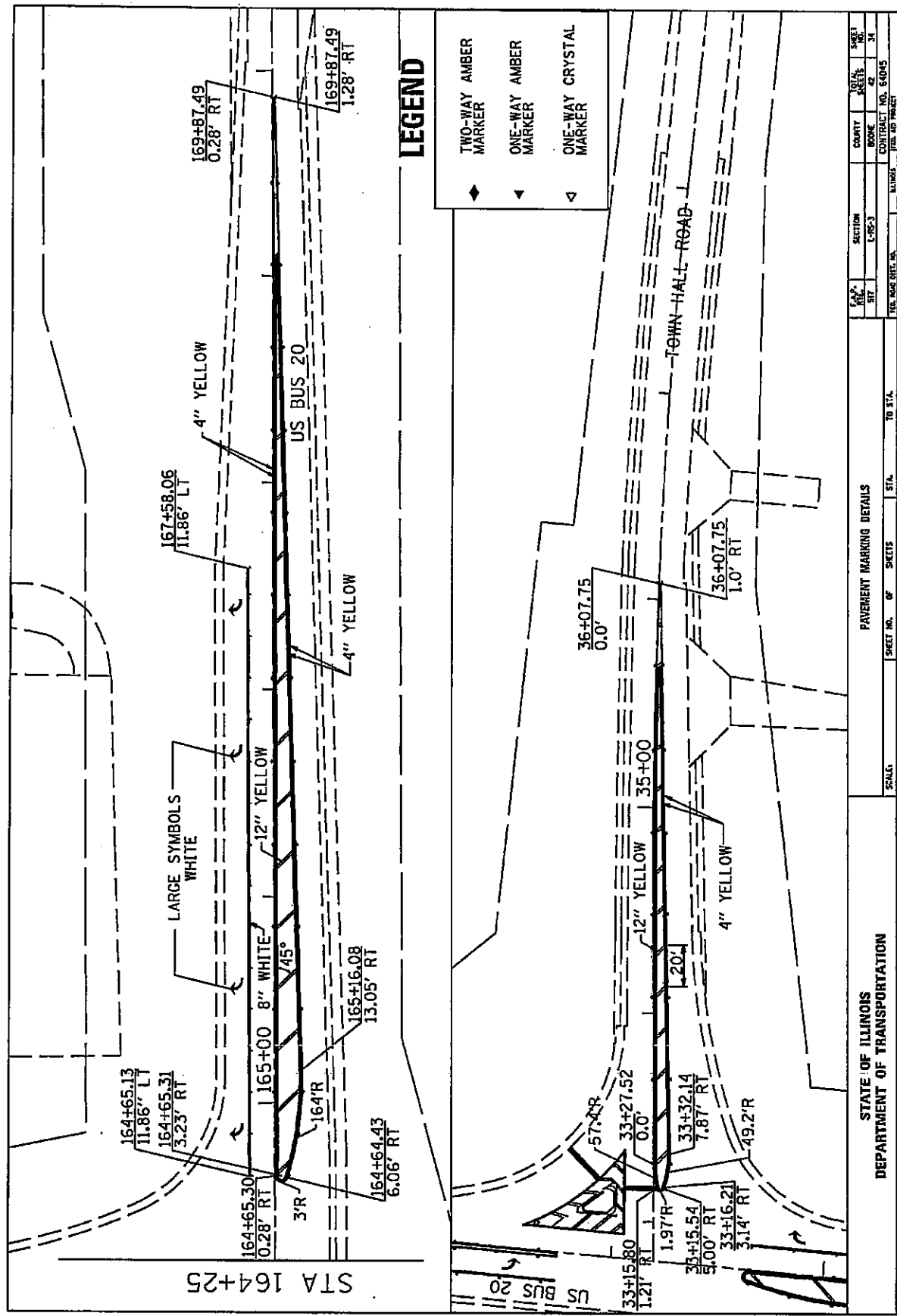
STATE OF ILLINOIS		DEPARTMENT OF TRANSPORTATION	
PAVEMENT MARKING DETAILS		SCALE:	
SHEET NO.	OF	SHEETS	STATIONING
114	OF	362	114 TO 114
F.A.P. FILE NO.		SECTION	DATE
114		1-15-3	1-15-3
CONTRACT NO.		SHEET NO.	
114		114	
DESIGN OFFICE		DRAWN BY	
114		114	
TOTAL SHEETS		SHEET NO.	
362		114	



LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▼ ONE-WAY AMBER MARKER
- ◄ ONE-WAY CRYSTAL MARKER

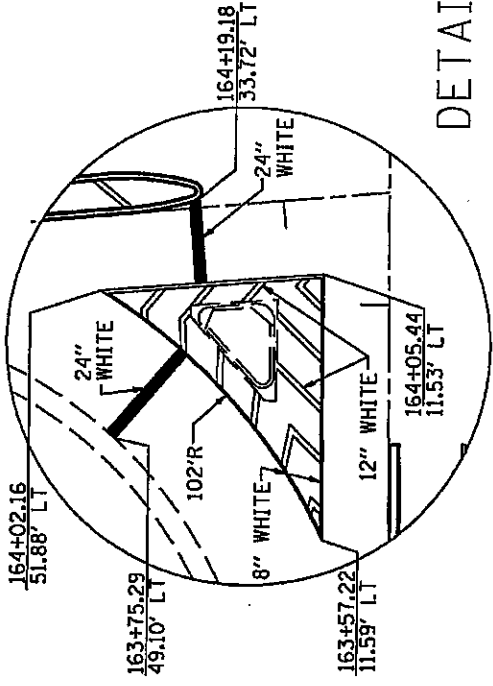
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				PAVEMENT MARKING DETAILS				SHEET NO. OF SHEETS				SCALE			
COUNT		SECTION		F.P.C. SITE		TO STA.		SHEET NO.		PROJECT NO.		SHEET NO.		DATE	
1	1	1-15-53	159+00 TO 164+25	1	1	1-15-53		1	1	1	1	1	1	1	1
QUANTITY		SECTION		F.P.C. SITE		TO STA.		SHEET NO.		PROJECT NO.		SHEET NO.		DATE	
1	1	1-15-53	159+00 TO 164+25	1	1	1-15-53		1	1	1	1	1	1	1	1



LEGEND

- ◆ TWO-WAY AMBER MARKER
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER

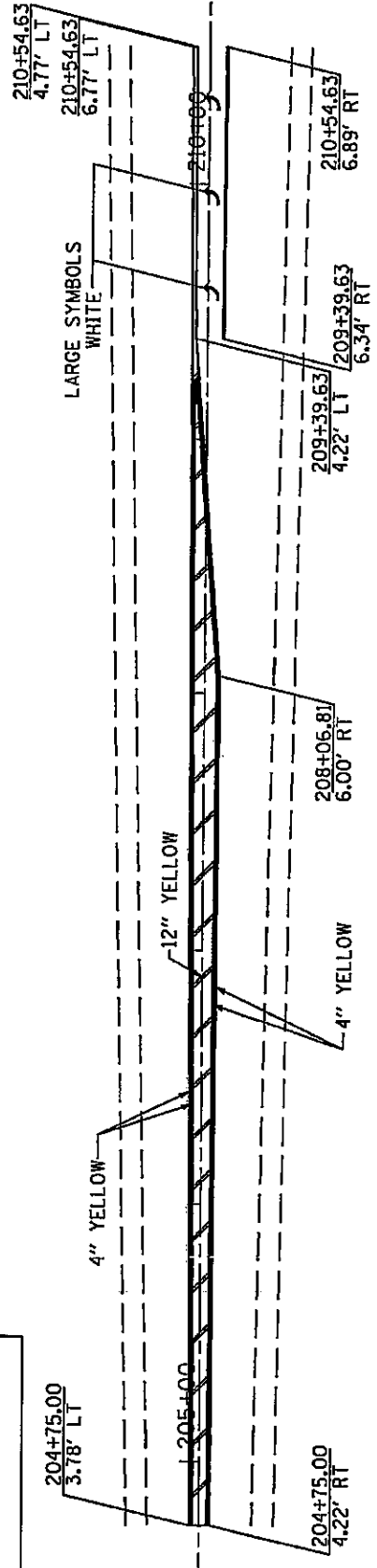
STATE OF ILLINOIS		DEPARTMENT OF TRANSPORTATION	
PAVEMENT MARKING DETAILS		SCALE	TO STA.
SHEET NO.	OF	SHEETS	STA.
SECTION		CONTRACT NO. 64045	
PLAN	SECTION	BOONE	CONTRACT NO. 64045
118	1-20-3	42	42
118	118	42	42
118	118	42	42



DETAIL "C"

LEGEND

- ◆ TWO-WAY AMBER MARKER
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

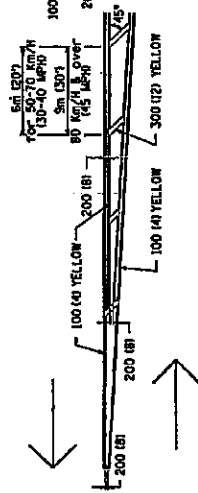
SCALE: _____ STATIONING: _____ TO STA. _____
SHEET NO. _____ OF _____ SHEETS

PAVEMENT MARKING DETAILS

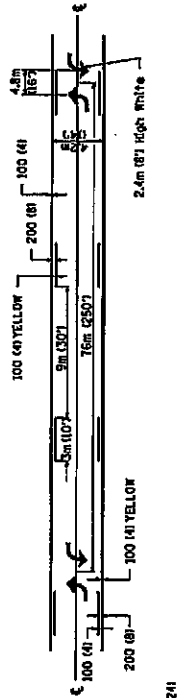
SECTION	DATE	BY	CHK'D	DATE	BY
L-65-3					
COUNTY	TOTAL SHEETS	PROJECT NO.	CONTRACT NO.	SHEET NO.	SHEET TOTAL
				35	35

TYPICAL PAVEMENT MARKINGS

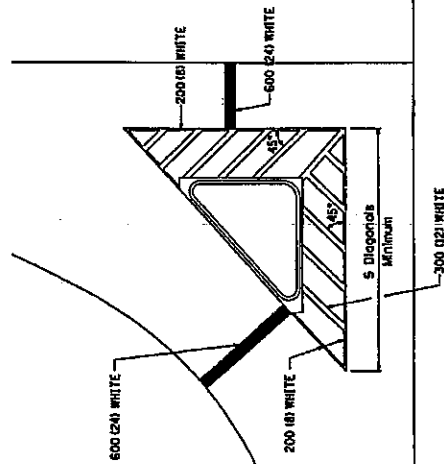
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN
AT LEFT TURN LANE



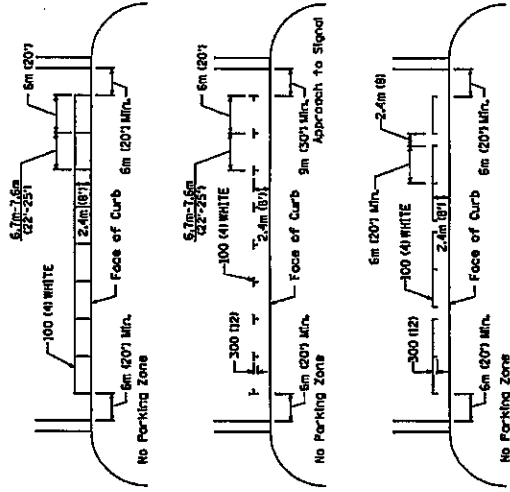
MEDIAN PAVEMENT MARKING



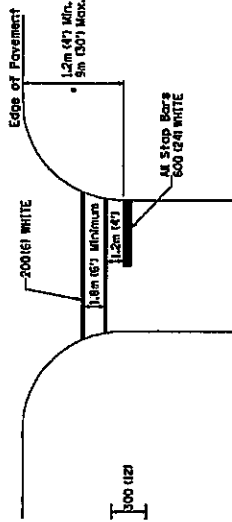
TYPICAL ISLAND
OFFSET SHOULDER WIDTH



TYPICAL PARKING SPACING



STANDARD CROSSWALK MARKING
See Schedules for Locations



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

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

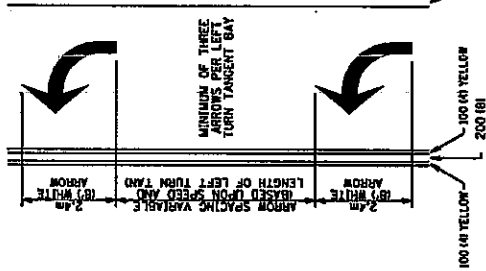
F.A.P. DIST.	SECTION	COUNTY	TOTAL SHEET NO.
517	L-95-3	BOONE	42
CONTRACT NO. 6-0045			41.1

SCALE: SHEET NO. OF SHEETS: STA. TO STA.

TYPICAL PAVEMENT MARKINGS SHEET 1 OF 2

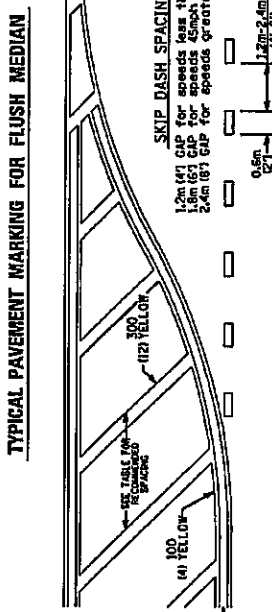
TYPICAL PAVEMENT MARKINGS

ARROW LAYOUT



- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER
- ↔ TWO-WAY AMBER MARKER

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

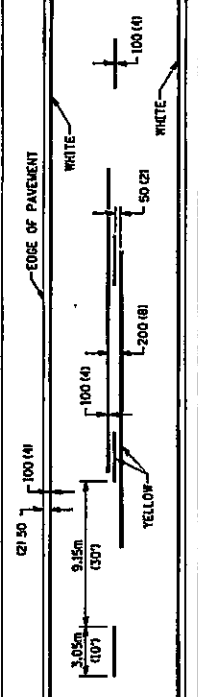


RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

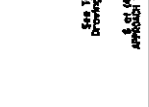
Speed Limit Range	Continuous Median Area	Intermittent Diagonalization	Object Detection
less than 50km/h (30MPH)	15.3m (50')	4.5m (15')	3.05m (10')
50-60km/h (30-40MPH)	22.9m (75')	6.1m (20')	4.5m (15')
70km/h (45MPH) & over	22.9m (75')	9.05m (30')	6.1m (20')

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

TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION - NO PASSING ZONES



SYMBOLS



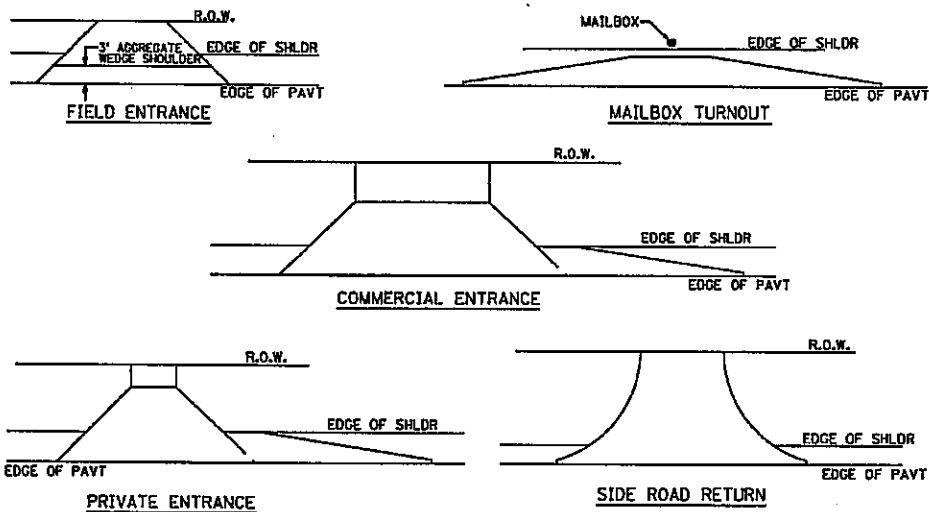
- * REDUCE TO 12.2m (40') O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 15km/h (10MPH) LOWER THAN POSTED SPEEDS.
- ** USE DOUBLE MARKERS WHEN ADT > 25,000

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE:	SHEET NO. OF SHEETS	TO STA.	ILLINOIS FED. AID PROJECT
			CONTRACT NO. 64D45
			SECTION L-RS-3
			COUNTY BOONE
			TOTAL SHEETS NO. 42
			SHEET NO. 37

HOT-MIX ASPHALT APPROACHES & MAILBOX RETURNS FOR TWO LIFT (3P) RESURFACING PROJECTS

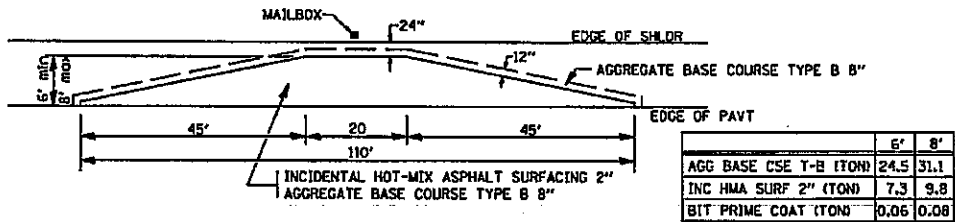


NOTE: EXISTING HMA PE's, CE's, SR's, & MB TURNOUTS
Place 2 1/4 " Incidental Hot-Mix Asphalt Surfacing *40800050 on entrance to conform to the existing configuration.

EXISTING AGG. PE's & CE's
Place 2" Incidental Hot-Mix Asphalt Surfacing *40800050 on existing entrance to conform to the present configuration.

EXISTING AGG. SIDEROADS
Place 3" Incidental Hot-Mix Asphalt Surfacing *40800050 on sideroad to conform to the present configuration.

EXISTING AGG. MAILBOX TURNOUTS
Existing Agg. Mailbox Turnouts shall be constructed as shown below.



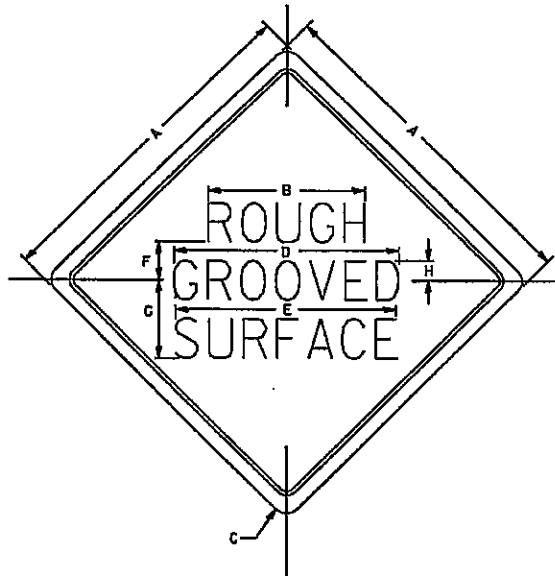
REVISED - 2-1-08

SECTION	L-RS-3	COUNTY	BOONE	TOTAL SHEETS	42	SHEET NO.	38
F.A.P. RTE.	SIT	CONTRACT NO.		64D45			
SCALE		ILLINOIS FED. AID PROJECT					
SHEET NO. OF SHEETS		TO STA.					
REGION 2 / DISTRICT 2 STANDARD							
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION							

ROUGH GROOVED SURFACE SIGN

ILLINOIS STANDARD W8-II07

SIGN PANEL TYPE 1



COLOR: LEGEND AND BORDER - BLACK NON-REFLECTIVE
BACKGROUND - ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
1200x1200 (48x48)	1200 (48.0)	600 (24.1)	75 (3.0)	850 (34.0)	825 (33.0)	150 (6.0)	325 (13.0)	88 (3.5)

SIGN SIZE	SERIES LINES			MARGIN	BORDER	BLANK STD.
	1	2	3			
1200x1200 (48x48)	7C	7C	7C	20 (0.8)	30 (1.2)	B4-480

ALL DIMENSIONS IN INCHES.

GENERAL NOTES

SIGN PANELS AND FACE MATERIALS SHALL BE ACCORDING TO SECTION 720 OF THE STANDARD SPECIFICATIONS
METAL POSTS SHALL BE IN ACCORDANCE WITH STD. 720D11.

ALL MOUNTING HARDWARE SHALL BE ALUMINUM, STAINLESS STEEL, ZINC OR CADMIUM PLATED STEEL AND SHALL BE INCLUDED TO THE COST OF THE INSTALLATION.

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

REVISED - 1-09-08

ROUGH GROOVED SURFACE SIGN

91.2

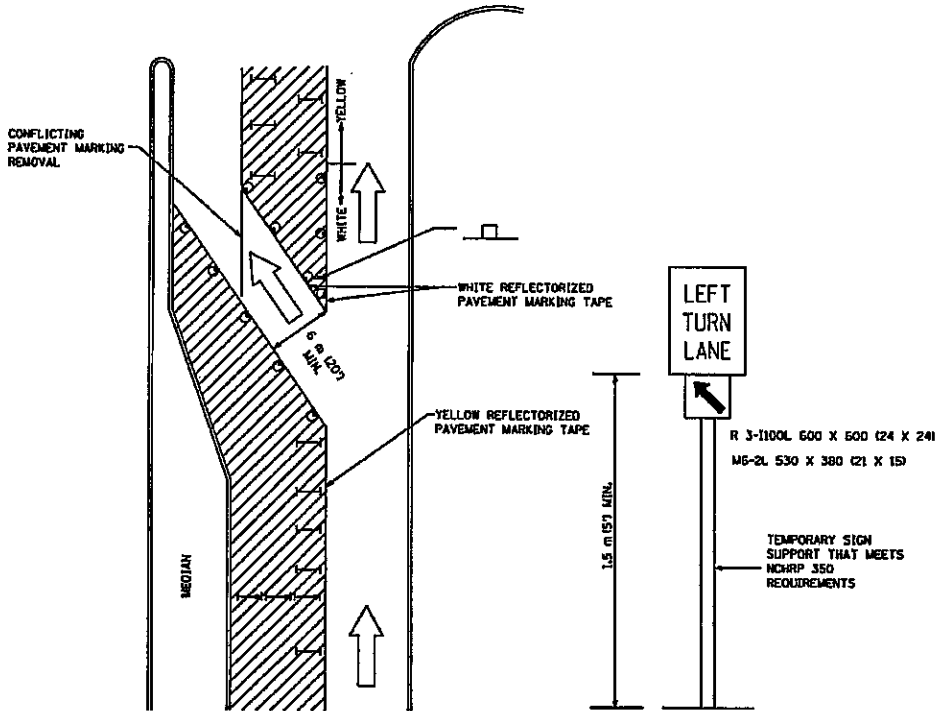
F.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
517	L-RS-3	BONNE	42	39
FED. ROAD DIST. NO.			CONTRACT NO.	
ILLINOIS			64D45	

REGION 2 / DISTRICT 2 STANDARD







SHEET NO. OF SHEETS STA. TO STA. SCALE:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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



LEGEND

-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  TYPE I OR II BARRICADE OR DRUM WITH FLASHING BURNING LIGHT
-  DRUM OR BARRICADE WITH STEADY BURN LIGHT
-  SIGN (SEE DETAIL)
-  TYPE I OR II CHECK BARRICADE WITH STEADY LIGHT BURN

REVISED - 10-15-04

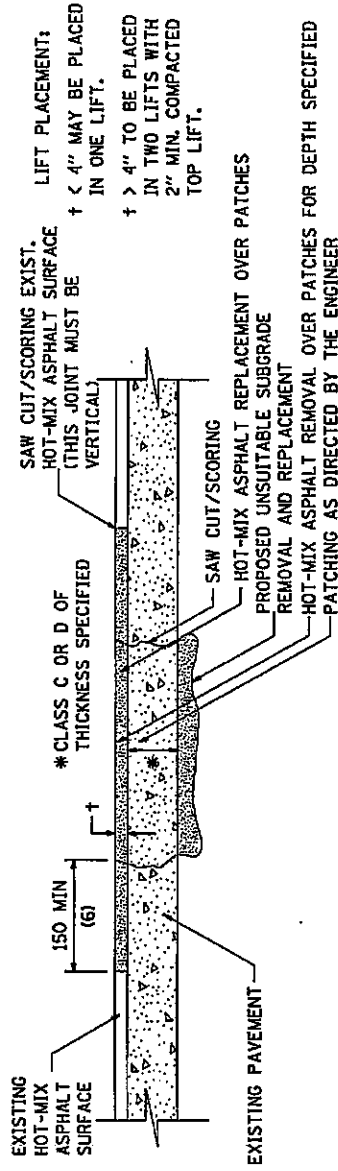
GENERAL NOTES

- CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 710 (28) IN HEIGHT.
- STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS WILL BE MONODIRECTIONAL.
- REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
- THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANES AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-1100 600 X 500 (24 X 24) AND M6-2R 530 X 380 (21 X 15) SHALL BE USED.
- THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
- TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.
- ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

F.A.P. RITE	SECTION	COUNTY	TOTAL SHEETS
517	L-RS-3	BOONE	42
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 64D-45
SHEET NO. OF SHEETS		TO STA.	
REGION 2 / DISTRICT 2 STANDARD			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR HOT-MIX ASPHALT SURFACED PAVEMENT



SEQUENCE OF CONSTRUCTION:

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:

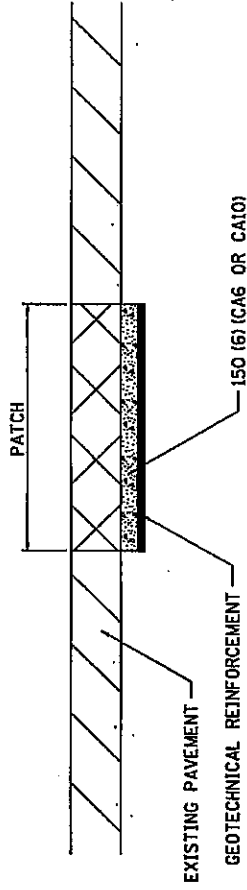
1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 300 (12) WIDER ON EACH SIDE OF THE TRENCH.
 2. FOR BASIS OF PAYMENT: SEE THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".
- ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED - 11-01-07

PAVEMENT PATCHING FOR HOT-MIX ASPHALT SURFACED PAVEMENT 32.4

STATE OF ILLINOIS		REGION 2 / DISTRICT 2 STANDARD		TOTAL SHEET NO.	
DEPARTMENT OF TRANSPORTATION		SCALE: _____ OF _____ SHEETS _____ STA. _____ TO STA. _____		SHEETS 42	
		SECTION L-RS-3		COUNTY BOONE	
		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 64D/45	

SUBGRADE REPLACEMENT



NOTES:
 THE CA 6 OR CA 10 SHALL BE COMPACTED IN A MANNER APPROVED BY THE ENGINEER. IF THE MOISTURE CONTENT OF THE MATERIAL IS SUCH THAT COMPACTION SATISFACTORY TO THE ENGINEER CANNOT BE OBTAINED, SUFFICIENT WATER SHALL BE ADDED SO THAT SATISFACTORY COMPACTION CAN BE OBTAINED.
 THE CA 6 OR CA 10 WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU YD FOR GRANULAR SUBGRADE REPLACEMENT
 THE GEO TECHNICAL REINFORCEMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ YD FOR GEO TECHNICAL REINFORCEMENT
 ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED - 1-09-08

SUBGRADE REPLACEMENT 97.4

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		REGION 2 / DISTRICT 2 STANDARD		TOTAL SHEET NO.	
		SCALE: SHEET NO. OF SHEETS STA. TO STA.		42 42	
SHEET NO. OF SHEETS STA. TO STA.		SECTION L-RS-3		COUNTY BOONE	
SHEET NO. OF SHEETS STA. TO STA.		F.A.P. FILE 517		CONTRACT NO. 64D45	
SHEET NO. OF SHEETS STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS (E.D. AND PROJECT			

ILLINOIS DEPARTMENT OF LABOR

PREVAILING WAGES FOR BOONE COUNTY EFFECTIVE MAY 2008

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

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

Boone County Prevailing Wage for May 2008

Trade Name	RG	TYP	C	Base	FRMAN	*M-F>8	OSA	OSH	H/W	Pensn	Vac	Trng
=====	==	==	=	=====	=====	=====	==	==	=====	=====	=====	=====
ASBESTOS ABT-GEN		ALL		33.150	33.650	1.5	1.5	2.0	7.970	5.680	0.000	0.220
ASBESTOS ABT-MEC		BLD		22.750	24.250	1.5	1.5	2.0	3.390	5.170	0.000	0.000
BOILERMAKER		BLD		39.450	43.000	2.0	2.0	2.0	6.720	8.490	0.000	0.300
BRICK MASON		BLD		32.000	34.500	1.5	1.5	2.0	5.900	9.690	0.000	0.460
CARPENTER		BLD		31.230	34.670	1.5	1.5	2.0	5.900	8.500	0.000	0.600
CARPENTER		HWY		29.010	30.760	1.5	1.5	2.0	5.900	8.800	0.000	0.310
CEMENT MASON		ALL		31.250	33.750	1.5	1.5	2.0	5.900	8.550	0.000	0.150
CERAMIC TILE FNSHER		BLD		26.670	0.000	1.5	1.5	2.0	5.900	4.000	0.000	0.390
COMMUNICATION TECH		BLD		30.250	32.500	1.5	1.5	2.0	8.600	8.690	0.000	0.610
ELECTRIC PWR EQMT OP		ALL		29.180	37.490	1.5	1.5	2.0	4.750	8.180	0.000	0.220
ELECTRIC PWR GRNDMAN		ALL		22.610	37.490	1.5	1.5	2.0	4.750	6.330	0.000	0.170
ELECTRIC PWR LINEMAN		ALL		34.710	37.490	1.5	1.5	2.0	4.750	9.720	0.000	0.260
ELECTRIC PWR TRK DRV		ALL		23.350	37.490	1.5	1.5	2.0	4.750	6.540	0.000	0.180
ELECTRICIAN		BLD		34.920	38.410	1.5	1.5	2.0	8.600	12.05	0.000	0.700
ELEVATOR CONSTRUCTOR		BLD		40.310	45.350	2.0	2.0	2.0	8.775	6.960	2.420	0.000
GLAZIER		BLD		27.680	28.680	1.5	1.5	2.0	6.400	6.500	0.000	0.500
HT/FROST INSULATOR		BLD		30.630	32.930	1.5	1.5	2.0	6.450	9.670	0.000	0.000
IRON WORKER		ALL		31.190	32.790	2.0	2.0	2.0	7.200	16.97	0.000	1.200
LABORER		ALL		33.150	33.900	1.5	1.5	2.0	8.050	5.600	0.000	0.220
LATHER		BLD		31.230	34.670	1.5	1.5	2.0	5.900	8.500	0.000	0.600
MACHINIST		BLD		38.390	40.390	2.0	2.0	2.0	4.880	6.550	2.650	0.000
MARBLE FINISHERS		BLD		26.670	0.000	1.5	1.5	2.0	5.900	4.000	0.000	0.390
MARBLE MASON		BLD		29.910	30.160	1.5	1.5	2.0	5.900	5.500	0.000	0.420
MATERIAL TESTER I		ALL		23.150	0.000	1.5	1.5	2.0	8.050	5.600	0.000	0.220
MATERIALS TESTER II		ALL		28.150	0.000	1.5	1.5	2.0	8.050	5.600	0.000	0.220
MILLWRIGHT		BLD		33.000	36.300	1.5	1.5	2.0	5.900	11.35	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		HWY	4	33.600	40.900	1.5	1.5	2.0	6.850	6.150	1.900	0.700
OPERATING ENGINEER		HWY	5	32.150	40.900	1.5	1.5	2.0	6.850	6.150	1.900	0.700
PAINTER		ALL		32.650	34.650	1.5	1.5	1.5	6.750	6.750	0.000	0.500
PAINTER SIGNS		BLD		28.970	32.520	1.5	1.5	1.5	2.600	2.310	0.000	0.000
PILEDRIVER		BLD		32.230	35.780	1.5	1.5	2.0	5.900	8.000	0.000	0.600
PILEDRIVER		HWY		29.010	30.760	1.5	1.5	2.0	5.900	8.800	0.000	0.310
PIPEFITTER		BLD		35.000	37.450	1.5	1.5	2.0	6.230	7.880	0.000	0.600
PLASTERER		BLD		30.540	33.590	1.5	1.5	2.0	5.900	8.300	0.000	0.150
PLUMBER		BLD		35.000	37.450	1.5	1.5	2.0	6.230	7.880	0.000	0.600
ROOFER		BLD		35.000	38.000	1.5	1.5	2.0	6.800	3.870	0.000	0.330
SHEETMETAL WORKER		BLD		32.440	34.370	1.5	1.5	2.0	5.000	11.34	0.520	0.290
SPRINKLER FITTER		BLD		35.140	37.690	1.5	1.5	2.0	7.000	6.200	0.000	0.250
STONE MASON		BLD		32.000	34.500	1.5	1.5	2.0	5.900	9.690	0.000	0.460
TERRAZZO FINISHER		BLD		26.670	0.000	1.5	1.5	2.0	5.900	4.000	0.000	0.390
TERRAZZO MASON		BLD		29.910	30.160	1.5	1.5	2.0	5.900	5.500	0.000	0.420
TILE LAYER		BLD		31.230	34.670	1.5	1.5	2.0	5.900	8.500	0.000	0.600
TILE MASON		BLD		29.910	30.160	1.5	1.5	2.0	5.900	5.500	0.000	0.420
TRUCK DRIVER		ALL	1	25.880	26.430	1.5	1.5	2.0	5.150	6.500	0.000	0.000
TRUCK DRIVER		ALL	2	26.030	26.430	1.5	1.5	2.0	5.150	6.500	0.000	0.000
TRUCK DRIVER		ALL	3	26.230	26.430	1.5	1.5	2.0	5.150	6.500	0.000	0.000
TRUCK DRIVER		ALL	4	26.430	26.430	1.5	1.5	2.0	5.150	6.500	0.000	0.000
TUCKPOINTER		BLD		32.000	34.500	1.5	1.5	2.0	5.900	9.690	0.000	0.460

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

BOONE COUNTY

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

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.

COMMUNICATION 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.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION

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 yards; 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.

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.

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 tigger 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, Tigger 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; Rotary 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.