

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 April 25, 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. 64B73
WINNEBAGO County
Section (1-1, 1)RS-1
District 2 Construction Funds
Route FAP 301**

PLEASE MARK THE APPROPRIATE BOX BELOW:

A Bid Bond is included.

A Cashier's Check or a Certified Check is included.

Plans Included
Herein

Prepared by	
Checked by	S

(Printed by authority of the State of Illinois)

INSTRUCTIONS

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

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. 64B73
WINNEBAGO County
Section (1-1, 1)RS-1
Route FAP 301
District 2 Construction Funds**

2.82 miles 24 feet and variable width bituminous resurfacing on the U.S. Route 20 bypass from Falconer Road to Meridian Road near Rockford.

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

RETURN WITH BID

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

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

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

Schedule of Combination Bids

Combination No.	Sections Included in Combination	Combination Bid	
		Dollars	Cents

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

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER -

64B73

State Job # - C-92-086-06
 PPS NBR - 2-13592-0100
 County Name - WINNEBAGO- -
 Code - 201 - -
 District - 2 - -
 Section Number - (1-1,1)RS-1

Project Number

Route
 FAP 301

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
X0322729	MATL TRANSFER DEVICE	TON	15,702.000				
Z0017100	DOWEL BARS	EACH	3,564.000				
Z0028415	GEOTECHNICAL REINF	SQ YD	1,939.000				
Z0028700	GRAN SUBGRADE REPL	CU YD	323.000				
Z0075300	TIE BARS	EACH	94.000				
21101600	TOPSOIL F & P VAR DP	SQ YD	23,801.000				
25000210	SEEDING CL 2A	ACRE	4.920				
25000400	NITROGEN FERT NUTR	POUND	443.000				
25000500	PHOSPHORUS FERT NUTR	POUND	443.000				
25000600	POTASSIUM FERT NUTR	POUND	443.000				
25100630	EROSION CONTR BLANKET	SQ YD	23,801.000				
28000250	TEMP EROS CONTR SEED	POUND	2,459.000				
28000300	TEMP DITCH CHECKS	EACH	26.000				
28000500	INLET & PIPE PROTECT	EACH	8.000				
40600200	BIT MATLS PR CT	TON	93.000				

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Project Number

Route
 FAP 301

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
40600300	AGG PR CT	TON	164.000				
40600535	LEV BIND HM N70	TON	66.000				
40600837	P LEV BIND MM N70	TON	6,581.000				
40600895	CONSTRUC TEST STRIP	EACH	1.000				
40600982	HMA SURF REM BUTT JT	SQ YD	1,960.000				
40600990	TEMPORARY RAMP	SQ YD	876.000				
40603310	HMA SC "C" N50	TON	7,117.000				
40603540	P HMA SC "D" N70	TON	9,121.000				
40800050	INCIDENTAL HMA SURF	TON	67.000				
42001200	PAVEMENT FABRIC	SQ YD	520.000				
44000158	HMA SURF REM 2 1/4	SQ YD	11,196.000				
44004250	PAVED SHLD REMOVAL	SQ YD	2,551.000				
44201007	CL B PATCH T2 13	SQ YD	1,419.000				
44201011	CL B PATCH T3 13	SQ YD	213.000				
44201013	CL B PATCH T4 13	SQ YD	307.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
44213200	SAW CUTS	FOOT	8,806.000				
64200105	SHOULDER RUMBLE STRIP	FOOT	64,592.000				
67000400	ENGR FIELD OFFICE A	CAL MO	4.000				
67100100	MOBILIZATION	L SUM	1.000				
70100420	TRAF CONT-PROT 701411	EACH	4.000				
70100460	TRAF CONT-PROT 701306	L SUM	1.000				
70100700	TRAF CONT-PROT 701406	L SUM	1.000				
70100800	TRAF CONT-PROT 701401	L SUM	1.000				
70102630	TR CONT & PROT 701601	L SUM	1.000				
70102635	TR CONT & PROT 701701	L SUM	1.000				
70300100	SHORT-TERM PAVT MKING	FOOT	10,032.000				
70301000	WORK ZONE PAVT MK REM	SQ FT	2,041.000				
78000100	THPL PVT MK LTR & SYM	SQ FT	94.000				
78000200	THPL PVT MK LINE 4	FOOT	73,615.000				
78000500	THPL PVT MK LINE 8	FOOT	8,965.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER - 64B73

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 Code - 201 - -
 District - 2 - -
 Section Number - (1-1,1)RS-1

Project Number

Route
 FAP 301

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
78000600	THPL PVT MK LINE 12	FOOT	1,296.000				
78000620	THPL PVT MK LINE 18	FOOT	72.000				
78003130	PREF PL PM TB LINE 6	FOOT	8,379.000				
78100100	RAISED REFL PAVT MKR	EACH	826.000				
78300100	PAVT MARKING REMOVAL	SQ FT	2,578.000				
78300200	RAISED REF PVT MK REM	EACH	279.000				

CONTRACT NUMBER

64B73

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. _____

RETURN WITH BID/OFFER

- 3. If you are currently appointed to or employed by any agency of the State of Illinois, and your annual salary exceeds \$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 ___

RETURN WITH BID/OFFER

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

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

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

APPLICABLE STATEMENT

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

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

NOT APPLICABLE STATEMENT

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

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

_____ Date _____
Signature of Authorized Representative

RETURN WITH BID/OFFER

ILLINOIS DEPARTMENT
OF TRANSPORTATION

Form B
Other Contracts &
Procurement Related Information
Disclosure

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

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

DISCLOSURE OF OTHER CONTRACTS AND PROCUREMENT RELATED INFORMATION

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

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

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

THE FOLLOWING STATEMENT MUST BE CHECKED

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

RETURN WITH BID

SPECIAL NOTICE TO CONTRACTORS

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

CONSTRUCTION EMPLOYEE UTILIZATION PROJECTION

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

RETURN WITH BID

**Contract No. 64B73
WINNEBAGO County
Section (1-1, 1)RS-1
Route FAP 301
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. 64B73
WINNEBAGO County
Section (1-1, 1)RS-1
Route FAP 301
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.



**Illinois Department
of Transportation**

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. 64B73
WINNEBAGO County
Section (1-1, 1)RS-1
Route FAP 301
District 2 Construction Funds**



Illinois Department of Transportation



NOTICE TO BIDDERS

1. **TIME AND PLACE OF OPENING BIDS.** Sealed proposals for the improvement described herein will be received by the Department of Transportation at the Harry R. Hanley Building, 2300 South Dirksen Parkway, in Springfield, Illinois until 10:00 o'clock a.m., April 25, 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. 64B73
WINNEBAGO County
Section (1-1, 1)RS-1
Route FAP 301
District 2 Construction Funds**

2.82 miles 24 feet and variable width bituminous resurfacing on the U.S. Route 20 bypass from Falconer Road to Meridian Road near Rockford.

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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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 301 (US 20), Section (1-1, 1)RS-1, Winnebago County, Contract #64B73, 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 20 Bypass from Falconer Road to Cunningham Road.

DESCRIPTION OF PROJECT

Patching and resurfacing.

TRAFFIC CONTROL PLAN

Effective January 14, 1999

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

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

Standards:

701101 701306 701400 701401 701406 701411 701426 701701
701601

Details:

Rough Grooved Sign (DS 91.2)
Traffic Control and Protection for Ramps (DS 95.2)
Traffic Control Typical Weave (DS 39.1)

Signs:

No bracing shall be allowed on post-mounted signs.

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

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

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

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

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

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

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

Devices:

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

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

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

The cost of furnishing, erecting, maintaining, covering and removing the signs shall be included in the cost of TRAFFIC CONTROL AND PROTECTION STANDARD 701406.

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.

Pavement Marking:

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

Traffic Control and Protection Standard 701401: This work shall be done according to Standard 701401 and Section 701 of the Standard Specifications. The Contractor shall be required to install the 701401 two (2) calendar days in advance of the areas to be patched for the protection

of the State personnel laying out the locations for pavement patching. The barricades as shown in Standard 701401 shall not encroach on the lane open to traffic at any time. The only exception to this will be in the immediate work area when workers are present, then the barricades may be moved out to permit the construction operation.

This work shall be included in the contract unit price per Lump Sum for TRAFFIC CONTROL AND PROTECTION STANDARD 701401.

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

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

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

Maintenance of Traffic: The pavement patch removal and replacement shall be completed using Traffic Control and Protection Standard 701401.

The resurfacing and placing of shoulder aggregate shall be completed using Traffic Control and Protection Standard 701406.

Placing pavement marking shall be completed using Standard 701426 & 701701. These standards will not be paid for separately. Their costs shall be included in the cost specific traffic control pay items.

The resurfacing on the sideroads shall be completed using Traffic Control and Protection Standard 701306. This standard will not be paid for separately, but shall be included in the cost of Traffic Control and Protection Standard 701406.

COMPACTION OF POLYMERIZED BITUMINOUS CONCRETE

Effective January 16, 2002

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

GEOTECHNICAL REINFORCEMENT

Revised September 1, 2004

Biaxial Geogrid Flat Installation

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

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

Reinforcement and Interlock

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

Apertures:

▪ Aperture Stability	USACE*	2.7 in. – lb./deg. (min.)
▪ Open Area	COE Method Modified**	70% (Nom.)

* Resistance to in-plane rotational movement measured by applying a 20 kg-cm moment to the central junction of a 9 inch x 9 inch specimen restrained at its perimeter (U.S. Army Corps of Engineers Methodology for measurement of Torsional Rigidity).

** Percent open area measured without magnification by Corps of Engineers method as specified in CW 02215 Civil Works Construction Guide, November, 1977.

Structural Integrity:

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

*** Resistance to bending force measured via ASTM D-5732-95, using specimens of width two ribs wide, with transverse ribs cut flush with exterior edges of longitudinal ribs (as a “ladder), and of length sufficiently long to enable measurement of the overhang dimension. The overall Flexural Stiffness is calculated as the square root of the product of machine-and cross-machine-direction Flexural Stiffness values.

**** Load transfer capability measured via GRI-GG2-87. Expressed as a percentage of ultimate tensile strength.

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

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

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

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

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

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

Installation:

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

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

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

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

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

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

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

TOPSOIL, FURNISH AND PLACE, VARIABLE DEPTH

Effective January 8, 2004

This work shall be done according to Section 211 of the Standard Specifications and as indicated herein.

A 3 foot topsoil wedge tapering from the proposed edge of pavement or shoulder to zero thickness at 3 feet shall be placed where specified in the plans.

The area scheduled for this application shall be scarified or mowed flush with the soil prior to placement. The topsoil shall be placed at an adequate thickness to allow for rolling, so it is flush with the pavement upon completion.

Furnish and place topsoil, variable depth shall be measured for payment in place and the area computed in square yards.

The topsoil will be paid for at the contract unit price per Square Yard for TOPSOIL, FURNISH AND PLACE, VARIABLE DEPTH.

MATERIAL TRANSFER DEVICE (BDE)

Effective Date: June 15, 1999

Revised Date: January 1, 2007

Description. This work shall consist of placing Hot-Mix Asphalt level binder and surface course mixtures according to Section 406 of the Standard Specifications, except that these materials shall be placed using a material transfer device.

Materials and Equipment. The material transfer device shall have a minimum surge capacity of 15 tons (13.5 metric tons), shall be self-propelled and capable of moving independent of the paver, and shall be equipped with the following:

- (a) Front-Dump Hopper and Conveyor. The conveyor shall provide a positive restraint along the sides of the conveyor to prevent material spillage.

- (b) Paver Hopper Insert. The paver hopper insert shall have a minimum capacity of 14 tons (12.7 metric tons).
- (c) Mixer/Agitator Mechanism. This re-mixing mechanism shall consist of a segmented, anti-segregation, re-mixing auger or two full-length longitudinal paddle mixers designed for the purpose of re-mixing the hot-mix asphalt (HMA). The longitudinal paddle mixers shall be located in the paver hopper insert.

CONSTRUCTION REQUIREMENTS

General. The material transfer device shall be used for the placement of all Hot-Mix Asphalt level binder and surface course mixtures placed with a paver, including ramps, but excluding shoulders. The material transfer device speed shall be adjusted to the speed of the paver to maintain a continuous, non-stop paving operation.

The material transfer device will be permitted on partially completed segments of full-depth HMA pavement if the thickness of binder in place is 10 in. (250 mm) or greater.

Structures. The material transfer device may be allowed to travel over structures under the following conditions:

- (a) Approval will be given by the Engineer.
- (b) The vehicle shall be emptied of HMA material prior to crossing the structure and shall travel at crawl speed across the structure.
- (c) The tires of the vehicle shall travel on or in close proximity and parallel to the beam and/or girder lines of the structure.

Method of Measurement. This work will be measured for payment in tons (metric tons) for all leveling binder and surface course materials placed with a material transfer device.

Basis of Payment. This work will be paid for at the contract unit price per ton (metric ton) for MATERIAL TRANSFER DEVICE.

The various HMA mixtures placed with the material transfer device will be paid for as specified in their respective specifications. The Contractor may choose to use the material transfer device for other applications on this project; however, no additional compensation will be allowed.

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 (DBE)

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.

DOWEL BARS (BDE)

Effective: April 1, 2007

Revised: January 1, 2008

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

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

required. The epoxy coating applicator shall be certified according to the current Bureau of Materials and Physical Research Policy Memorandum, "Epoxy Coating Plant Certification Procedure". The Department will maintain an approved list."

EQUIPMENT RENTAL RATES (BDE)

Effective: August 2, 2007

Revised: January 2, 2008

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

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

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

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

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

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

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

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

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

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

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

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

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

EROSION AND SEDIMENT CONTROL DEFICIENCY DEDUCTION (BDE)

Effective: April 1, 2007

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

“(a) Erosion and Sediment Control Deficiency Deduction. When the Engineer is notified or determines an erosion and/or sediment control deficiency(s) exists, he/she will notify and direct the Contractor to correct the deficiency within a specified time. The specified time, which begins upon notification to the Contractor, will be from 1/2 hour to 1 week based on the urgency of the situation and the nature of the deficiency. The Engineer will be the sole judge.

A deficiency may be any lack of repair, maintenance, or implementation of erosion and/or sediment control devices included in the contract, or any failure to comply with the conditions of the National Pollutant Discharge Elimination System (NPDES) Storm Water Permit for Construction Site Activities. A deficiency may also be applied to situations where corrective action is not an option such as the failure to participate in a jobsite inspection of the project, failure to install required measures prior to initiating earth moving operations, disregard of concrete washout requirements, or other disregard of the NPDES permit.

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

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

Effective: April 1, 2007

Revised: April 1, 2008

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

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

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

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

"CONTROL LIMITS			
Parameter	High ESAL Low ESAL	High ESAL Low ESAL	All Other
	Individual Test	Moving Avg. of 4	Individual Test
VMA	-0.7 % ^{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/}	
1/2 in. (12.5 mm)	5.0 %
No. 4 (4.75 mm)	5.0 %
No. 8 (2.36 mm)	3.0 %
No. 30 (600 μm)	2.0 %
Total Dust Content No. 200 (75 μm) ^{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	
Aggregate Gradation Hot bins for batch and continuous plants. Individual cold-feed or combined belt-feed for drier drum plants. % passing sieves: 1/2 in. (12.5 mm), No. 4 (4.75 mm), No. 8 (2.36 mm), No. 30 (600 μm) No. 200 (75 μm) Note 1.	1 dry gradation per day of production (either morning or afternoon sample). and 1 washed ignition oven test on the mix per day of production (conduct in the afternoon if dry gradation is conducted in the morning or vice versa). Note 3. Note 4.	1 gradation per day of production. The first day of production shall be a washed ignition oven test on the mix. Thereafter, the testing shall alternate between dry gradation and washed ignition oven test on the mix. Note 4.	Illinois Procedure

Asphalt Binder Content by Ignition Oven Note 2.	1 per half day of production	1 per day	Illinois-Modified AASHTO T 308
Air Voids Bulk Specific Gravity of Gyrotory Sample	Day's production \geq 1200 tons: 1 per half day of production Day's production < 1200 tons: 1 per half day of production for first 2 days and 1 per day thereafter (first sample of the day)	1 per day	Illinois-Modified AASHTO T 312
Maximum Specific Gravity of Mixture	Day's production \geq 1200 tons: 1 per half day of production Day's production < 1200 tons: 1 per half day of production for first 2 days and 1 per day thereafter (first sample of the day)	1 per day	Illinois-Modified AASHTO T 209"

HOT-MIX ASPHALT – TRANSPORTATION (BDE)

Effective: April 1, 2008

Revise Article 1030.08 of the Standard Specifications to read:

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

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

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

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

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 restockpiling. The sampling plan shall meet the minimum frequency required above and detail the procedure used to obtain representative samples throughout the pile for testing.

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

- (a) Testing Conglomerate 3/8. In addition to the requirements above, conglomerate 3/8 RAP shall be tested for maximum theoretical specific gravity (G_{mm}) at a frequency of one sample per 500 tons (450 metric tons) for the first 2000 tons (1800 metric tons) and one sample per 2000 tons (1800 metric tons) thereafter. A minimum of five tests shall be required for stockpiles less than 4000 tons (3600 metric tons).
- (b) Evaluation of Test Results. All of the extraction results shall be compiled and averaged for asphalt binder content and gradation and, when applicable G_{mm} . Individual extraction test results, when compared to the averages, will be accepted if within the tolerances listed below.

Parameter	Homogeneous / Conglomerate	Conglomerate "D" Quality
1 in. (25 mm)		± 5 %
1/2 in. (12.5 mm)	± 8 %	± 15 %
No. 4 (4.75 mm)	± 6 %	± 13 %
No. 8 (2.36 mm)	± 5 %	
No. 16 (1.18 mm)		± 15 %
No. 30 (600 μm)	± 5 %	
No. 200 (75 μm)	± 2.0 %	± 4.0 %
Asphalt Binder	± 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		
	Binder/Leveling Binder	Surface	Polymer Modified
Ndesign			
30	30	30	10
50	25	15	10
70	15 / 25 ^{2/}	10 / 15 ^{2/}	10
90	10	10	10
105	10	10	10

1/ For HMA Shoulder and Stabilized Sub-Base (HMA) N-30, the amount of RAP shall not exceed 50% of the mixture.

2/ Value of Max % RAP if 3/8 RAP is utilized.

3/ When RAP exceeds 20%, the high & low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25% RAP would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-28).

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

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

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

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

If the RAP control tolerances or QC/QA test results require corrective action, the Contractor shall cease production of the mixture containing RAP and either switch to the virgin aggregate design or submit a new RAP design. When producing mixtures containing conglomerate 3/8 RAP, a positive dust control system shall be utilized.

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

(a) Dryer Drum Plants.

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

REINFORCEMENT BARS (BDE)

Effective: November 1, 2005

Revised: January 2, 2008

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

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

(1) Reinforcement Bars (Non-Coated). Reinforcement bars shall be according to ASTM A 706 (A 706M), Grade 60 (420) for deformed bars and the following.

- a. For straight bars furnished in cut lengths and with a well-defined yield point, the yield point shall be determined as the elastic peak load, identified by a halt or arrest of the load indicator before plastic flow is sustained by the bar and dividing it by the nominal cross-sectional area of the bar.
- b. For bars without a well-defined yield point, including bars straightened from coils, the yield strength shall be determined by taking the corresponding load at 0.005 strain as measured by an extensometer (0.5% elongation under load) and dividing it by the nominal cross-sectional area of the bar.
- c. For bars straightened from coils or bars bent from fabrication, there shall be no upper limit on yield strength; and for bar designation Nos. 3 - 6 (10 - 19), the elongation after rupture shall be at least 9%.
- d. Heat Numbers. Bundles or bars at the construction site shall be marked or tagged with heat identification numbers of the bar producer.
- e. Guided Bend Test. Bars may be subject to a guided bend test across two pins which are free to rotate, where the bending force shall be centrally applied with a fixed or rotating pin of a certain diameter as specified in Table 3 of ASTM A 706 (A 706M). The dimensions and clearances of this guided bend test shall be according to ASTM E 190.
- f. Spiral Reinforcement. Spiral reinforcement shall be deformed or plain bars conforming to the above requirements or cold-drawn steel wire conforming to AASHTO M 32.

(2) Epoxy Coated Reinforcement Bars. Epoxy coated reinforcement bars shall be according to Article 1006.10(a)(1) and shall be epoxy coated according to AASHTO M 284 (M 284M) and the following.

- a. Certification. The epoxy coating applicator shall be certified according to the current Bureau of Materials and Physical Research Policy Memorandum, “Epoxy Coating Plant Certification Procedure”. The Department will maintain an approved list.
- b. Coating Thickness. The thickness of the epoxy coating shall be 7 to 12 mils (0.18 to 0.30 mm). When spiral reinforcement is coated after fabrication, the thickness of the epoxy coating shall be 7 to 20 mils (0.18 to 0.50 mm).

- c. Cutting Reinforcement. Reinforcement bars may be sheared or sawn to length after coating, providing the end damage to the coating does not extend more than 0.5 in. (13 mm) back and the cut is patched before any visible rusting appears. Flame cutting will not be permitted.”

SEEDING (BDE)

Effective: July 1, 2004

Revised: August 1, 2007

Revise the following seeding mixtures shown in Table 1 of Article 250.07 of the Standard Specifications to read:

"Table 1 - SEEDING MIXTURES		
Class – Type	Seeds	lb/acre (kg/hectare)
2 Roadside Mixture 7/	Tall Fescue (Inferno, Tarheel II, Quest, Blade Runner, or Falcon IV) Perennial Ryegrass Creeping Red Fescue Red Top	100 (110) 50 (55) 40 (50) 10 (10)
2A Salt Tolerant Roadside Mixture 7/	Tall Fescue (Inferno, Tarheel II, Quest, Blade Runner, or Falcon IV) Perennial Ryegrass Red Fescue (Audubon, Sea Link, or Epic) Hard Fescue (Rescue 911, Spartan II, or Reliant IV) Fults Salt Grass 1/	60 (70) 20 (20) 30 (20) 30 (20) 60 (70)"

Revise Table II of Article 1081.04(c)(6) of the Standard Specifications to read:

TABLE II						
Variety of Seeds	Hard Seed % Max.	Purity % Min.	Pure Live Seed % Min.	Weed % Max.	Secondary * Noxious Weeds No. per oz (kg) Max. Permitted	Notes
Alfalfa	20	92	89	0.50	6 (211)	1/
Clover, Alsike	15	92	87	0.30	6 (211)	2/
Red Fescue, Audubon	0	97	82	0.10	3 (105)	-
Red Fescue, Creeping	-	97	82	1.00	6 (211)	-
Red Fescue, Epic	-	98	83	0.05	1 (35)	-
Red Fescue, Sea Link	-	98	83	0.10	3 (105)	-
Tall Fescue, Blade Runner	-	98	83	0.10	2 (70)	-
Tall Fescue, Falcon IV	-	98	83	0.05	1 (35)	-
Tall Fescue, Inferno	0	98	83	0.10	2 (70)	-
Tall Fescue, Tarheel II	-	97	82	1.00	6 (211)	-
Tall Fescue, Quest	0	98	83	0.10	2 (70)	-
Fults Salt Grass	0	98	85	0.10	2 (70)	-
Kentucky Bluegrass	-	97	80	0.30	7 (247)	4/
Oats	-	92	88	0.50	2 (70)	3/
Redtop	-	90	78	1.80	5 (175)	3/

TABLE II, cont.						
Variety of Seeds	Hard Seed	Purity	Pure Live	Weed	Secondary *	Notes
	%	%	Seed %	%	No. per oz (kg)	
	Max.	Min.	Min.	Max.	Max. Permitted	
Ryegrass, Perennial, Annual	-	97	85	0.30	5 (175)	3/
Rye, Grain, Winter	-	92	83	0.50	2 (70)	3/
Hard Fescue, Reliant IV	-	98	83	0.05	1 (35)	-
Hard Fescue, Rescue 911	0	97	82	0.10	3 (105)	-
Hard Fescue, Spartan II	-	98	83	0.10	3 (105)	-
Timothy	-	92	84	0.50	5 (175)	3/
Wheat, hard Red Winter	-	92	89	0.50	2 (70)	3/”

Revise the first sentence of the first paragraph of Article 1081.04(c)(7) of the Standard Specifications to read:

“The seed quantities indicated per acre (hectare) for Prairie Grass Seed in Classes 3, 3A, 4, 4A, 6, and 6A in Article 250.07 shall be the amounts of pure, live seed per acre (hectare) for each species listed.”

SILT FILTER FENCE (BDE)

Effective: January 1, 2008

For silt filter fence fabric only, revise Article 1080.02 of the Standard Specifications to read:

“**1080.02 Geotextile Fabric.** The fabric for silt filter fence shall be a woven fabric meeting the requirements of AASHTO M 288 for unsupported silt fence with less than 50 percent geotextile elongation.”

Replace the last sentence of Article 1081.15(b) of the Standard Specifications with the following:

“Silt filter fence stakes shall be a minimum of 4 ft (1.2 m) long and made of either wood or metal. Wood stakes shall be 2 in. x 2 in. (50 mm x 50 mm). Metal stakes shall be a standard T or U shape having a minimum weight (mass) of 1.32 lb/ft (600 g/300 mm).”

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.

TEMPORARY EROSION CONTROL (BDE)

Effective: November 1, 2002

Revised: January 1, 2008

Revise the third paragraph of Article 280.03 of the Standard Specifications to read:

“Erosion control systems shall be installed prior to beginning any activities which will potentially create erodible conditions. Erosion control systems for areas outside the limits of construction such as storage sites, plant sites, waste sites, haul roads, and Contractor furnished borrow sites shall be installed prior to beginning soil disturbing activities at each area. These offsite systems shall be designed by the Contractor and be subject to the approval of the Engineer.”

Add the following paragraph after the third paragraph of Article 280.03 of the Standard Specifications:

“The temporary erosion and sediment control systems shown on the plans represent the minimum systems anticipated for the project. Conditions created by the Contractor’s operations, or for the Contractor’s convenience, which are not covered by the plans, shall be protected as directed by the Engineer at no additional cost to the Department. Revisions or modifications of the erosion and sediment control systems shall have the Engineer’s written approval.”

Add the following paragraph after the ninth paragraph of Article 280.07 of the Standard Specifications:

“Temporary or permanent erosion control systems required for areas outside the limits of construction will not be measured for payment.”

Delete the tenth (last) paragraph of Article 280.08 of the Standard Specifications.

THERMOPLASTIC PAVEMENT MARKINGS (BDE)

Effective: January 1, 2007

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

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

The pigments used for the yellow thermoplastic compound shall not contain any hazardous materials listed in the Environmental Protection Agency Code of Federal Regulations (CFR) 40, Section 261.24, Table 1. The combined total of RCRA listed heavy metals shall not exceed 100 ppm when tested by X-ray fluorescence

spectroscopy. The pigments shall also be heat resistant, UV stable and color-fast yellows, golds, and oranges, which shall produce a compound which shall match Federal Standard 595 Color No. 33538. The pigment shall be uniformly distributed throughout the thermoplastic compound.”

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

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

White: Daylight Reflectance75 percent min.

*Yellow: Daylight Reflectance45 percent min.

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

x	0.490	0.475	0.485	0.530
y	0.470	0.438	0.425	0.456”

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

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

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

WATER BLASTER WITH VACUUM RECOVERY (BDE)

Effective: April 1, 2006

Revised: January 1, 2007

Add the following to Article 783.02 of the Standard Specifications.

“(c) Water Blaster with Vacuum Recovery 1101.12”

Revise Article 1101.12 of the Standard Specifications to read.

“1101.12 Water Blaster with Vacuum Recovery. The water blaster shall remove the stripe from the pavement using a high pressurized water spray with a vacuum recovery system to provide a clean, almost dry surface, without the use of a secondary cleanup process. The removal shall be to the satisfaction of the Engineer. The equipment shall contain a storage system that allows for the storage of the wastewater while retaining the debris. The operator shall be in immediate control of the blast head.”

WORKING DAYS (BDE)

Effective: January 1, 2002

The Contractor shall complete the work within **65** 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:** _____

STORM WATER POLLUTION PREVENTION PLAN



Storm Water Pollution Prevention Plan

Route FAP 301 Marked Rt. US 20
Section (1-1, 1)RS-1 Project No. _____
County Winnebago Contract No. 64B73

This plan has been prepared to comply with the provisions of the NPDES Permit Number ILR10, issued by the Illinois Environmental Protection Agency on May 30, 2003 for storm water discharges from Construction Site Activities. This plan has also been prepared to comply with the provisions of NPDES Permit Number ILR40 for discharges from small municipal separate storm sewer systems if checked below.

NPDES permits associated with this project:

- ILR10 Permit No. (if applicable): _____
 ILR40 Permit No. (if applicable): ILR400493

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

George F. Ryan George F. Ryan
Print Name Signature
Deputy Director of Highways
Title
IL. Dept. of Transportation Date
Agency

I. Site Description:

- A. The following is a description of the project location:

This project is located on US 20 Bypass from Falconer Road to Meridian Road 2.65 miles in length.

- B. The following is a description of the construction activity which is the subject of this plan:

Patching and resurfacing along with topsoil placement on the shoulders.

- C. The following is a description of the intended sequence of major activities which will disturb soils for major portions of the construction site, such as grubbing, excavation and grading:

Placement of 4.89 acres of topsoil.

- D. The total area of the construction site is estimated to be 4.89 acres.

The total area of the site that is estimated will be disturbed by excavation, grading or other activities is 4.89 acres.

- E. The following is a weighted average of the runoff coefficient for this project after construction activities are completed:

.35

- F. The following is a description of the soil types found at the project site followed by information regarding their erosivity:

Unknown/Topsoil placement

- G. The following is a description of potentially erosive areas associated with this project:

Potential erosive area is the topsoil being placed.

- H. The following is a description of soil disturbing activities, their locations, and their erosive factors (e.g. steepness of slopes, length of slopes, etc):

A three foot topsoil wedge will be placed along the inside and outside shoulder at an approximate grade of 6%.

- I. See the erosion control plans and/or drainage plans for this contract for information regarding drainage patterns, approximate slopes anticipated before and after major grading activities, locations where vehicles enter or exit the site and controls to prevent offsite sediment tracking (to be added after contractor identifies locations), areas of soil disturbance, the location of major structural and non-structural controls identified in the plan, the location of areas where stabilization practices are expected to occur, surface waters (including wetlands) and locations where storm water is discharged to surface water including wetlands.

- J. The following is a list of receiving water(s) and the ultimate receiving water(s), and areal extent of wetland acreage at the site. The location of the receiving waters can be found on the erosion and sediment control plans:

The receiving waters for runoff from this project the Rock River to the Mississippi River.

- K. The following pollutants of concern will be associated with this construction project:

- | | |
|---|--|
| <input checked="" type="checkbox"/> Soil Sediment | <input checked="" type="checkbox"/> Petroleum (gas, diesel, oil, kerosene, hydraulic oil / fluids) |
| <input checked="" type="checkbox"/> Concrete | <input checked="" type="checkbox"/> Antifreeze / Coolants |
| <input checked="" type="checkbox"/> Concrete Truck Waste | <input checked="" type="checkbox"/> Waste water from cleaning construction equipment |
| <input checked="" type="checkbox"/> Concrete Curing Compounds | <input type="checkbox"/> Other (specify) |
| <input checked="" type="checkbox"/> Solid Waste Debris | <input type="checkbox"/> Other (specify) |
| <input type="checkbox"/> Paints | <input type="checkbox"/> Other (specify) |
| <input type="checkbox"/> Solvents | <input type="checkbox"/> Other (specify) |
| <input checked="" type="checkbox"/> Fertilizers / Pesticides | <input type="checkbox"/> Other (specify) |

II. Controls:

This section of the plan addresses the controls that will be implemented for each of the major construction activities described in I.C. above and for all use areas, borrow sites, and waste sites. For each measure discussed, the contractor will be responsible for its implementation as indicated. The contractor shall provide to the resident engineer a plan for the implementation of the measures indicated. The contractor, and subcontractors, will notify the resident engineer of any proposed changes, maintenance, or modifications to keep construction activities compliant with the permit. Each such contractor has signed the required certification on forms which are attached to, and are a part of, this plan:

A. Erosion and Sediment Controls

1. **Stabilized Practices:** Provided below is a description of interim and permanent stabilization practices, including site specific scheduling of the implementation of the practices. Site plans will ensure that existing vegetation is preserved where attainable and disturbed portions of the site will be stabilized. Stabilization practices may include but are not limited to: temporary seeding, permanent seeding, mulching, geotextiles, sodding, vegetative buffer strips, protection of trees, preservation of mature vegetation, and other appropriate measures. Except as provided below in II(A)(1)(a) and II(A)(3), stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than 14 days after the construction activity in that portion of the

BDE 2242 (Rev. 06/07)

site has temporarily or permanently ceases on all disturbed portions of the site where construction will not occur for a period of 21 or more calendar days.

- a. Where the initiation of stabilization measures by the 14th day after construction activity temporarily or permanently ceases is precluded by snow cover, stabilization measures shall be initiated as soon as practicable thereafter.

The following Stabilization Practices will be used for this project:

- | | |
|---|--|
| <input checked="" type="checkbox"/> Preservation of Mature Vegetation | <input checked="" type="checkbox"/> Erosion Control Blanket / Mulching |
| <input type="checkbox"/> Vegetated Buffer Strips | <input type="checkbox"/> Sodding |
| <input type="checkbox"/> Protection of Trees | <input type="checkbox"/> Geotextiles |
| <input checked="" type="checkbox"/> Temporary Erosion Control Seeding | <input type="checkbox"/> Other (specify) |
| <input type="checkbox"/> Temporary Turf (Seeding, Class 7) | <input type="checkbox"/> Other (specify) |
| <input type="checkbox"/> Temporary Mulching | <input type="checkbox"/> Other (specify) |
| <input checked="" type="checkbox"/> Permanent Seeding | <input type="checkbox"/> Other (specify) |

Describe how the Stabilization Practices listed above will be utilized:

1. Preservation of Mature Vegetation - No excavation shall be done on this project.
2. Temporary Erosion Control Seeding - This item will be applied to all bare topsoil areas every seven days to minimize the amount of exposed surface areas.
3. Permanent Seeding - Seeding Class 2A will be installed per IDOT Specifications.
4. Erosion Control Blanket - This item shall be placed on all topsoil areas after permanent seeding is applied.

- 2. Structural Practices:** Provided below is a description of structural practices that will be implemented, to the degree attainable, to divert flows from exposed soils, store flows or otherwise limit runoff and the discharge of pollutants from exposed areas of the site. Such practices may include but are not limited to: perimeter erosion barrier, earth dikes, drainage swales, sediment traps, ditch checks, subsurface drains, pipe slope drains, level spreaders, storm drain inlet protection, rock outlet protection, reinforced soil retaining systems, gabions, and temporary or permanent sediment basins. The installation of these devices may be subject to Section 404 of the Clean Water Act.

The following Structural Practices will be used for this project:

- | | |
|--|--|
| <input type="checkbox"/> Perimeter Erosion Barrier | <input type="checkbox"/> Rock Outlet Protection |
| <input type="checkbox"/> Temporary Ditch Check | <input type="checkbox"/> Riprap |
| <input type="checkbox"/> Storm Drain Inlet Protection | <input type="checkbox"/> Gabions |
| <input type="checkbox"/> Sediment Trap | <input type="checkbox"/> Slope Mattress |
| <input type="checkbox"/> Temporary Pipe Slope Drain | <input type="checkbox"/> Retaining Walls |
| <input type="checkbox"/> Temporary Sediment Basin | <input type="checkbox"/> Slope Walls |
| <input type="checkbox"/> Temporary Stream Crossing | <input type="checkbox"/> Concrete Revetment Mats |
| <input type="checkbox"/> Stabilized Construction Exits | <input type="checkbox"/> Level Spreaders |
| <input type="checkbox"/> Turf Reinforcement Mats | <input type="checkbox"/> Other (specify) Inlet and Pipe Protection |
| <input type="checkbox"/> Permanent Check Dams | <input type="checkbox"/> Other (specify) |
| <input type="checkbox"/> Permanent Sediment Basin | <input type="checkbox"/> Other (specify) |
| <input type="checkbox"/> Aggregate Ditch | <input type="checkbox"/> Other (specify) |
| <input type="checkbox"/> Paved Ditch | <input type="checkbox"/> Other (specify) |

Describe how the Structural Practices listed above will be utilized:

1. Inlet and Pipe Protection - Inlet and pipe protection will be provided at the median cross over location.

- 3. Storm Water Management:** Provided below is a description of measures that will be installed during the construction process to control pollutants in storm water discharges that will occur after construction operations have been completed. The installation of these devices may be subject to Section 404 of the Clean Water Act.

- a. Such practices may include but are not limited to: storm water detention structures (including wet ponds), storm water retention structures, flow attenuation by use of open vegetated swales and natural depressions, infiltration of runoff on site, and sequential systems (which combine several practices).

The practices selected for implementation were determined on the basis of the technical guidance in Section 59-8 (Erosion and Sediment Control) in Chapter 59 (Landscape Design and Erosion Control) of the Illinois Department of Transportation Bureau of Design and Environment Manual. If practices other than those discussed in Section 59-8 are selected for implementation or if practices are applied to situations different from those covered in Section 59-8, the technical basis for such decisions will be explained below.

- b. Velocity dissipation devices will be placed at discharge locations and along the length of any outfall channel as necessary to provide a non-erosive velocity flow from the structure to a water course so that the natural physical and biological characteristics and functions are maintained and protected (e.g. maintenance of hydrologic conditions such as the hydroperiod and hydrodynamics present prior to the initiation of construction activities).

Description of Storm Water Management Controls.

Culvert flows must be maintained by the Contractor throughout the project. Normal flows shall be allowed to pass at the rate it enters the jobsite. High flows shall be allowed to pass without causing damage to upstream properties.

4. Other Controls:

- a. Vehicle Entrances and Exits – Stabilized construction entrances and exits must be constructed to prevent tracking of sediments onto roadways.

The contractor will provide the resident engineer with a written plan identifying the location of stabilized entrances and exits and the procedures (s)he will use to construct and maintain them.

- b. Material Delivery, Storage, and Use – The following BMPs shall be implemented to help prevent discharges of construction materials during delivery, storage, and use:
 - All products delivered to the project site must be properly labeled.
 - Water tight shipping containers and/or semi trailers shall be used to store hand tools, small parts, and most construction materials that can be carried by hand, such as paint cans, solvents, and grease.
 - A storage/containment facility should be chosen for larger items such as drums and items shipped or stored on pallets. Such material is to be covered by a tin roof or large sheets of plastic to prevent precipitation from coming in contact with the products being stored.
 - Large items such as light stands, framing materials and lumber shall be stored in the open in a general storage area. Such material shall be elevated with wood blocks to minimize contact with storm water runoff.
 - Spill clean-up materials, material safety data sheets, an inventory of materials, and emergency contact numbers shall be maintained and stored in one designated area and each Contractor is to inform his/her employees and the resident engineer of this location.
- c. Stockpile Management – BMPs shall be implemented to reduce or eliminate pollution of storm water from stockpiles of soil and paving materials such as but not limited to portland cement concrete rubble, asphalt concrete, asphalt concrete rubble, aggregate base, aggregate sub base, and pre-mixed aggregate. The following BMPs may be considered:
 - Perimeter Erosion Barrier
 - Temporary Seeding
 - Temporary Mulch
 - Plastic Covers
 - Soil Binders
 - Storm Drain Inlet Protection

The contractor will provide the resident engineer with a written plan of the procedures (s)he will use on the project and how they will be maintained.

- d. Waste Disposal. No materials, including building materials, shall be discharged into Waters of the State, except as authorized by a Section 404 permit.
- e. The provisions of this plan shall ensure and demonstrate compliance with applicable State and/or local waste disposal, sanitary sewer or septic system regulations.
- f. The contractor shall provide a written and graphic plan to the resident engineer identifying where each of the above areas will be located and how they are to be managed.

5. Approved State or Local Laws

The management practices, controls and provisions contained in this plan will be in accordance with IDOT specifications, which are at least as protective as the requirements contained in the Illinois Environmental Protection Agency's Illinois Urban Manual, 1995. Procedures and requirements specified in applicable sediment and erosion site plans or storm water management plans approved by local officials shall be described or incorporated by reference in the space provided below. Requirements specified in sediment and erosion site plans, site permits, storm water management site plans or site permits approved by local officials that are applicable to protecting surface water resources are, upon submittal of an NOI, to be authorized to discharge under permit ILR10 incorporated by reference and are enforceable under this permit even if they are not specifically included in the plan.

Description of procedures and requirements specified in applicable sediment and erosion site plans or storm water management plans approved by local officials:

All management practices, control, and other provisions provided in this plan are in accordance with "IDOT Standard Specifications for Road and Bridge Construction".

III. Maintenance:

The following is a description of procedures that will be used to maintain, in good and effective operating conditions, the vegetation, erosion and sediment control measures and other protective measures identified in this plan. The resident engineer will provide maintenance guides to the contractor for the practices associated with this project.

- 1. Seeding - All erodible bare earth areas will be temporarily seeded on a weekly basis to minimize the amount of erodible surface within the contract limits.
- 2. Erosion Control Blanket - Any areas which fail will be repaired immediately.
- 3. Inlet and Pipe Protection - Sediment will be removed if the integrity of the pipe protection is in jeopardy. Any pipe protection which fails will be repaired or replaced immediately.

All maintenance of erosion control systems will be the responsibility of the Contractor. All locations where vehicles enter and exit the construction site and all other areas subject to erosion should also be inspected periodically. Inspection of these areas shall be made at least once every seven days and within 24 hours of the end of each 0.5 inches or greater rainfall, or an equivalent snowfall.

IV. Inspections:

Qualified personnel shall inspect disturbed areas of the construction site which have not yet been finally stabilized, structural control measures, and locations where vehicles and equipment enter and exit the site. Such inspections shall be conducted at least once every seven (7) calendar days and within 24 hours of the end of a storm that is 0.5 inches or greater or equivalent snowfall.

- A. Disturbed areas, use areas (storage of materials, stockpiles, machine maintenance, fueling, etc.), borrow sites, and waste sites shall be inspected for evidence of, or the potential for, pollutants entering the drainage system. Erosion and sediment control measures identified in the plan shall be observed to ensure that they are operating correctly. Discharge locations or points that are accessible, shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving waters. Locations where vehicles enter or exit the site shall be inspected for evidence of off site sediment tracking.

- B. Based on the results of the inspection, the description of potential pollutant sources identified in section I above and pollution prevention measures identified in section II above shall be revised as appropriate as soon as practicable after such inspection. Any changes to this plan resulting from the required inspections shall be implemented within ½ hour to 1 week based on the urgency of the situation. The resident engineer will notify the contractor of the time required to implement such actions through the weekly inspection report.
- C. A report summarizing the scope of the inspection, name(s) and qualifications of personnel making the inspection, the date(s) of the inspection, major observations relating to the implementation of this storm water pollution prevention plan, and actions taken in accordance with section IV(B) shall be made and retained as part of the plan for at least three (3) years after the date of the inspection. The report shall be signed in accordance with Part VI. G of the general permit.
- D. If any violation of the provisions of this plan is identified during the conduct of the construction work covered by this plan, the resident engineer shall complete and file an "Incidence of Noncompliance" (ION) report for the identified violation. The resident engineer shall use forms provided by the Illinois Environmental Protection Agency and shall include specific information on the cause of noncompliance, actions which were taken to prevent any further causes of noncompliance, and a statement detailing any environmental impact which may have resulted from the noncompliance. All reports of noncompliance shall be signed by a responsible authority in accordance with Part VI. G of the general permit.

The Incidence of Non-Compliance shall be mailed to the following address:

Illinois Environmental Protection Agency
Division of Water Pollution Control
Attn: Compliance Assurance Section
1021 North Grand East
Post Office Box 19276
Springfield, Illinois 62794-9276

V. Non-Storm Water Discharges:

Except for flows from fire fighting activities, sources of non-storm water that is combined with storm water discharges associated with the industrial activity addressed in this plan must be described below. Appropriate pollution prevention measures, as described below, will be implemented for the non-storm water component(s) of the discharge.

- A. Spill Prevention and Control – BMPs shall be implemented to contain and clean-up spills and prevent material discharges to the storm drain system. The contractor shall produce a written plan stating how his/her company will prevent, report, and clean up spills and provide a copy to all of his/her employees and the resident engineer. The contractor shall notify all of his/her employees on the proper protocol for reporting spills. The contractor shall notify the resident engineer of any spills immediately.
- B. Concrete Residuals and Washout Wastes – The following BMPs shall be implemented to control residual concrete, concrete sediments, and rinse water:
- Temporary Concrete Washout Facilities shall be constructed for rinsing out concrete trucks. Signs shall be installed directing concrete truck drivers where designated washout facilities are located.
 - The contractor shall have the location of temporary concrete washout facilities approved by the resident engineer.
 - All temporary concrete washout facilities are to be inspected by the contractor after each use and all spills must be reported to the resident engineer and cleaned up immediately.
 - Concrete waste solids/liquids shall be disposed of properly.
- C. Litter Management – A proper number of dumpsters shall be provided on site to handle debris and litter associated with the project. The Contractor is responsible for ensuring his/her employees place all litter including marking paint cans, soda cans, food wrappers, wood lathe, marking ribbon, construction string, and all other construction related litter in the proper dumpsters.
- D. Vehicle and Equipment Cleaning – Vehicles and equipment are to be cleaned in designated areas only, preferably off site.

- E. Vehicle and Equipment Fueling – A variety of BMPs can be implemented during fueling of vehicles and equipment to prevent pollution. The contractor shall inform the resident engineer as to which BMPs will be used on the project. The contractor shall inform the resident engineer how (s)he will be informing his/her employees of these BMPs (i.e. signs, training, etc.). Below are a few examples of these BMPs:
- Containment
 - Spill Prevention and Control
 - Use of Drip Pans and Absorbents
 - Automatic Shut-Off Nozzles
 - Topping Off Restrictions
 - Leak Inspection and Repair
- F. Vehicle and Equipment Maintenance – On site maintenance must be performed in accordance with all environmental laws such as proper storage and no dumping of old engine oil or other fluids on site.

VI. Failure to Comply:

Failure to comply with any provisions of this Storm Water Pollution Prevention Plan will result in the implementation of an Erosion and Sediment Control Deficiency Deduction against the contractor and/or penalties under the NPDES permit which could be passed onto the contractor.



Contractor Certification Statement

This certification statement is part of the Storm Water Pollution Prevention Plan for the project described below, in accordance with NPDES Permit No. ILR10 issued by the Illinois Environmental Protection Agency on May 30, 2003.

Route	<u>FAP 301</u>	Marked Rt.	<u>US 20</u>
Section	<u>(1-1, 1)RS-1</u>	Project No.	<u></u>
County	<u>Winnebago</u>	Contract No.	<u>64B73</u>

I certify under penalty of law that I understand the terms of the general National Pollutant Discharge Elimination System (NPDES) permit (ILR 10) that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification. I have read and understand all of the information and requirements stated in the Storm Water Pollution Prevention Plan for the above mentioned project. I have provided all documentation required to be in compliance with the ILR10 and Storm Water Pollution Prevention Plan and will provide timely updates to these documents as necessary.

- Contractor
- Sub-Contractor

 Print Name

 Title

 Name of Firm

 Street Address

 Signature

 Date

 Telephone

 City/State/ZIP

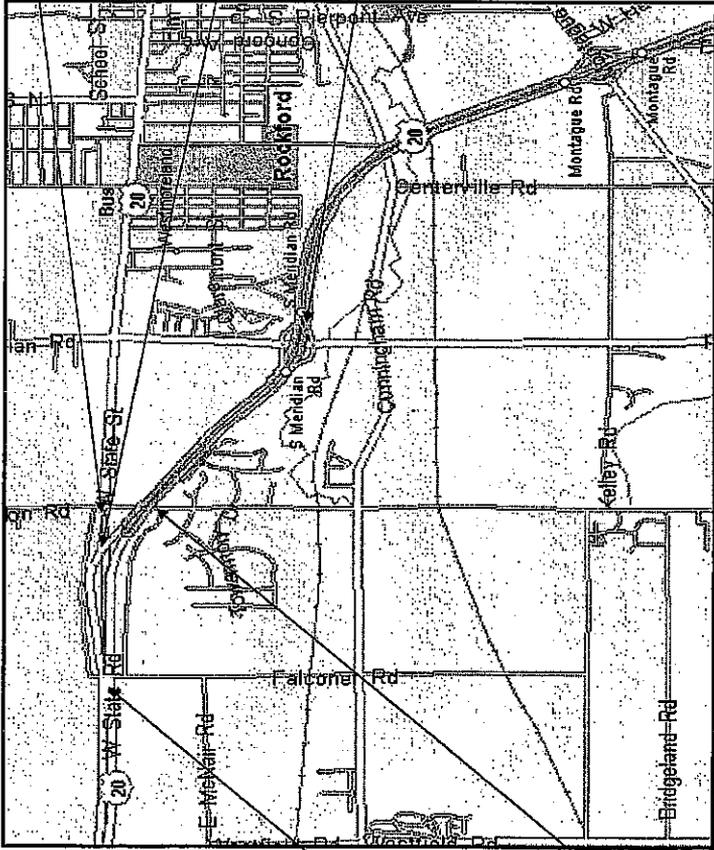
FAP Route 301 (US 20)
 Section (1-1, 1) RS-1
 Winnebago County
 Contract #64B73
 Sheet 1 of 60

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 PROPOSED HIGHWAY PLANS

FAP ROUTE 301 (US 20)
 SECTION (1-1, 1) RS-1

WINNEBAGO COUNTY
 C-92-086-06

D-92-138-05



SQUAD LEADER:
 CHRIS AUDE
 PROJECT ENGINEER:
 BOB WAGNER
 (815) 284-5358

Index of Sheets & State Standards
 See sheet No. 2

ADT = 13000
 PV = 11300
 SU = 600
 MU = 1100

T. 44 N.
 PROJECT BEGINS
 Station 494+54

STATION EQUATION
 EB ONLY
 Station 555+42BK =
 Station 556+45AH

R. 11 E.
 TOWNSHIP (SECTION): ROCKFORD (19, 29, 30)
 WINNEBAGO (2, 3, 11, 12)

CALL J.U.L.I.E. BEFORE YOU DIG
 800-892-0123

GROSS LENGTH OF SECTION = 14914' = 2.82 MILES
 NET LENGTH OF SECTION = 14914' = 2.82 MILES

CONTRACT # 64B73

PROJECT ENDS
 WEST STATE STREET
 Station 556+15

OMISSION WB ONLY
 Station 544+76 - 556+63

PROJECT ENDS
 Station 643+68

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS	SUBMITTED <u>1-25</u> , 20 <u>08</u> <i>George F. Ryan</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
ENGINEER OF DESIGN AND ENVIRONMENT	_____ , 20____
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER DISTRICT 2 DIXON, IL.	_____ , 20____

INDEX

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Section (1-1, 1)RS-1
Winnebago County
Contract No. 64B73
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- 6-7 General Notes
- 8-29 Typical Sections
- 30-31 Bituminous Schedule
- 32-34 Class B Patching Schedule
- 35 Grinding Schedule
- 36-47 Schedule of Quantities
- 48-50 Striping Details
 - 51 Aerial Speed Check Zones (DS 46.4)
 - 52 Subgrade Replacement (DS 97.4)
 - 53 Rough Grooved Surface Sign (DS 91.2)
 - 54 Traffic Control and Protection at Turn Bays (To Remain Open to Traffic) (DS 94.2)
 - 55 Traffic Control and Protection for Ramps (DS 95.2)
 - 56 Storm Water Pollution Prevention Plan Erosion Control Plan (2.1)
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 - 58-59 Typical Pavement Markings (DS 41.1)
 - 60 Painting Details (DS 44.1)

STATE STANDARDS

- 420001-07 PAVEMENT JOINTS
- 420701-02 PAVEMENT FABRIC
- 442101-07 CLASS B PATCHES
- 642001 SHOULDER RUMBLE STRIPS
- 701101-01 OFF-ROAD OPERATIONS MULTILANE LESS THAN 15' AWAY FOR SPEEDS \geq 45 MPH
- 701301-02 LANE CLOSURE, 2L, 2W SHORT TIME OPERATIONS
- 701306-01 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS - DAY ONLY FOR SPEEDS \geq 45 MPH
- 701400-02 APPROACH TO LANE CLOSURE, FREEWAY / EXPRESSWAY
- 701401-04 LANE CLOSURE, FREEWAY / EXPRESSWAY
- 701406-04 LANE CLOSURE, FREEWAY / EXPRESSWAY, DAY OPERATIONS ONLY
- 701411-04 LANE CLOSURE, MULTILANE AT ENTRANCE OR EXIT RAMP FOR SPEEDS \geq 45 MPH
- 701426-02 LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATIONS FOR SPEEDS \geq 45 MPH
- 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 TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
- 780001-01 TYPICAL PAVEMENT MARKINGS
- 781001-02 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 701401-05 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NON TRAVERSABLE MEDIAN

SUMMARY OF QUANTITIES

FAP 301 (US 20)
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 Winnebago County
 Contract No.64B73
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100% State
1000

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
21101600	TOPSOIL FURNISH & PLACE, VARIABLE DEPTH	SQ YD	23801
25000210	SEEDING, CLASS 2A	ACRE	4.92
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	443
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	443
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	443
25100630	EROSION CONTROL BLANKET	SQ YD	23801
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	2459
28000300	TEMPORARY DITCH CHECKS	EACH	26
28000500	INLET AND PIPE PROTECTION	EACH	8
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	93
40600300	AGGREGATE (PRIME COAT)	TON	164
40600535	LEVELING BINDER (HAND METHOD), N70	TON	66
40600837	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N70	TON	6581
40600895	CONSTRUCTING TEST STRIP	EACH	1
40600982	HOT- MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1960
40600990	TEMPORARY RAMP	SQ YD	876
40603310	HOT- MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	7117
40603540	POLYMERIZED HOT- MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	9121
40800050	INCIDENTAL HOT- MIX ASPHALT SURFACING	TON	67
42001200	PAVEMENT FABRIC	SQ YD	520
44000158	HOT- MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	11196
44004250	PAVED SHOULDER REMOVAL	SQ YD	2551
44201007	CLASS B PATCHES, TYPE II, 13 INCH	SQ YD	1419
44201011	CLASS B PATCHES, TYPE III, 13 INCH	SQ YD	213

* Specialty Items

SUMMARY OF QUANTITIES

FAP 301 (US 20)
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Winnebago County
Contract No.64B73
Sheet 4 of 60

CODE NO.	ITEM	UNIT	100% State 1000 TOTAL QUANTITY
44201013	CLASS B PATCHES, TYPE IV, 13 INCH	SQ YD	307
44213200	SAW CUTS	FOOT	8806
64200105	SHOULDER RUMBLE STRIP	FOOT	64592
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4
67100100	MOBILIZATION	L SUM	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	4
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	10032
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	2041
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS ^{AND} SYMBOLS	SQ FT	94
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	73615
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	8965
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1296
* 78000620	THERMOPLASTIC PAVEMENT MARKING - LINE 18"	FOOT	72
* 78003130	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	FOOT	8379
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	826
78300100	PAVEMENT MARKING REMOVAL	SQ FT	2578
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	279
X0322729	MATERIAL TRANSFER DEVICE	TON	15702
Z0017100	DOWEL BARS	EACH	3564

* Specialty Items

SUMMARY OF QUANTITIES

FAP 301 (US 20)
Section (1-1, 1)RS-1
Winnebago County
Contract No.64B73
Sheet 5 of 60

100% State
1000

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
Z0075300	TIE BARS	EACH	94
Z0028415	GEOTECHNICAL REINFORCEMENT	SQ YD	1939
Z0028700	GRANULAR SUBGRADE REPLACEMENT	CU YD	323

* Specialty Items

GENERAL NOTES

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

The Contractor shall seed all disturbed areas within the project limits. Seeding Class 2A shall be used.

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

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

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

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

The mandatory saw cuts for pavement patching are:

Class A Patch: Cut two transverse saw cuts at each end of the patch; one full depth and one partial depth. The longitudinal edges of the patch shall be cut full depth. When the patch is adjacent to a pcc shoulder, two saw cuts along the shoulder will be required.

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

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

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

Milling machines on this project shall be capable of removing a layer of bituminous a minimum 12' wide and 1-1/2 inches in depth in a single pass, or using a 6' milling machine.

The following Mixture Requirements are applicable for this project:

Mixture Uses(s):	Surface	Level Binder	Top Shoulder
PG:	SBS PG 70-22	SBS PG 70-22	PG 58-22
Design Air Voids	4.0 @ N70	4.0 @ N70	3 @ N50
Mixture Composition (Gradation Mixture)	IL 9.5 or 12.5	IL 9.5	IL 9.5 or 12.5
Friction Aggregate	D	N/A	C
20 Year ESAL	6.8	6.8	N/A

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.

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

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

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

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:

West Shore Pipeline Co.
Verizon
NICOR Gas Co.

Commonwealth Edison Co.
SBC/Ameritech Telephone Co.
Insight Communications of Rockford

Care shall be taken in the grinding locations as not to damage the turf shoulder. If damage is caused to the shoulder, the Contractor shall repair the shoulder to its original configuration at no cost to the Department.

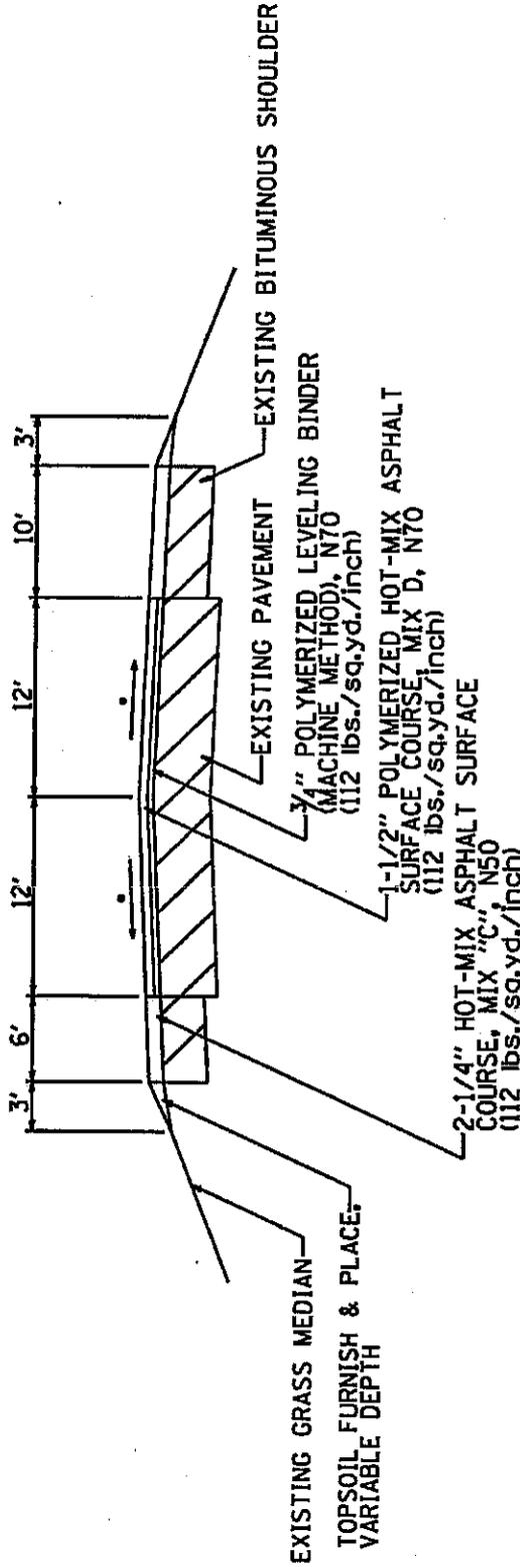
TYPICAL SECTIONS

US20
 EB

STA. 494+54 - STA. 499+76
 STA. 502+59 - STA. 516+00
 ** STA. 616+82 - STA. 636+62

US20 (STATE ST)
 EB

** STA. 535+50 - STA. 552+92

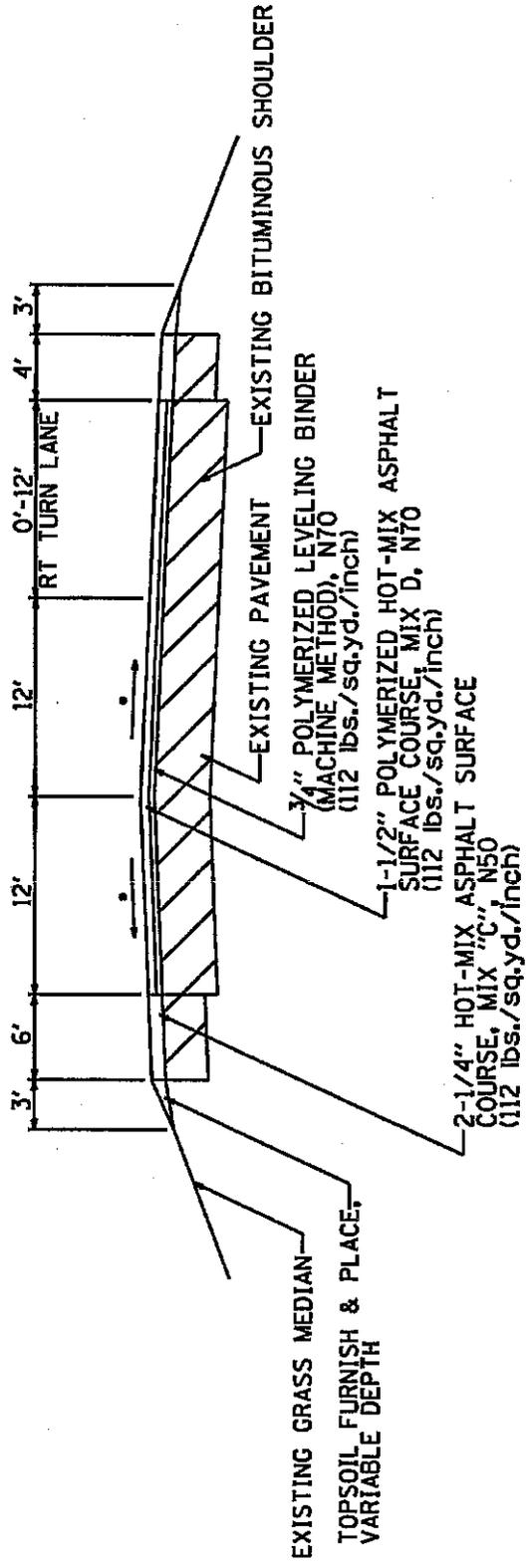


** Note:
 From Sta. 545+91 - Sta. 548+22 (US20 WB Overpass)
 and Sta. 627+03 - Sta. 628+73 (Meridian Rd Overpass)
 grind 2 1/4" and replace 2 1/4" without a topsoil wedge.

* MATCH EXISTING SLOPE
 (MIN. 1/8" / FT CROSS SLOPE)

TYPICAL SECTIONS

US20
 EB
 STA.499+76-STA.502+59

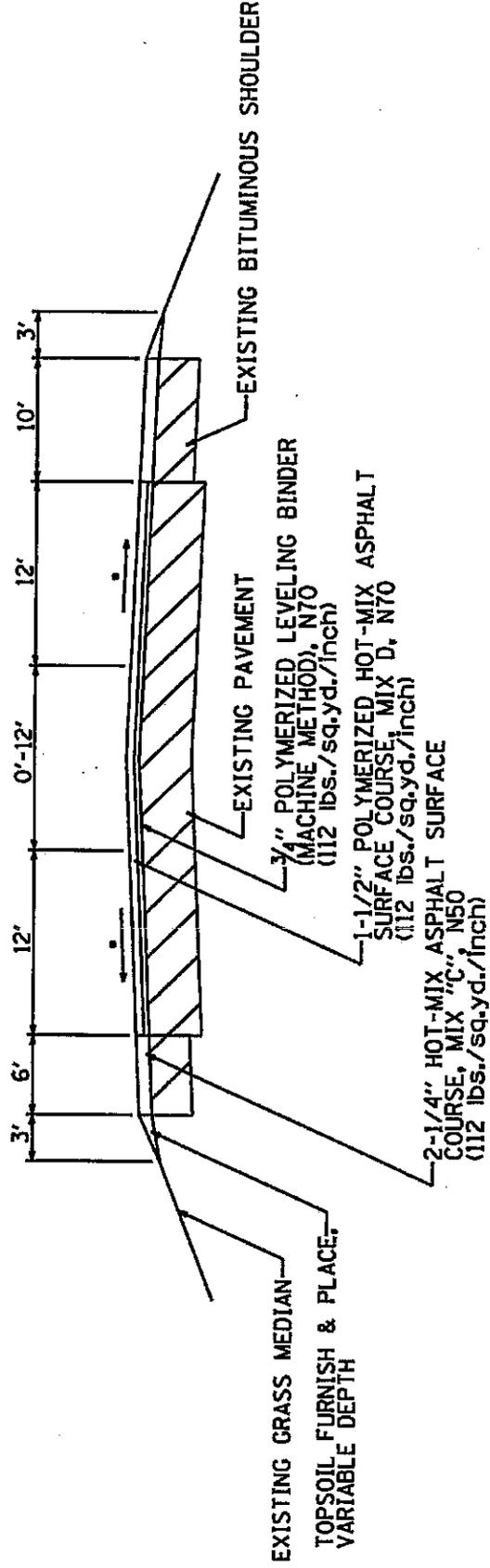


• MATCH EXISTING SLOPE
 (MIN. 1/8" / FT CROSS SLOPE)

FAP 301(US20)
 SECTION (1-1.1)RS-1
 WINNEBAGO COUNTY
 CONTRACT 64B73
 SHEET 10 OF 60

TYPICAL SECTIONS

US20
 EB
 STA.516+00-STA.521+50



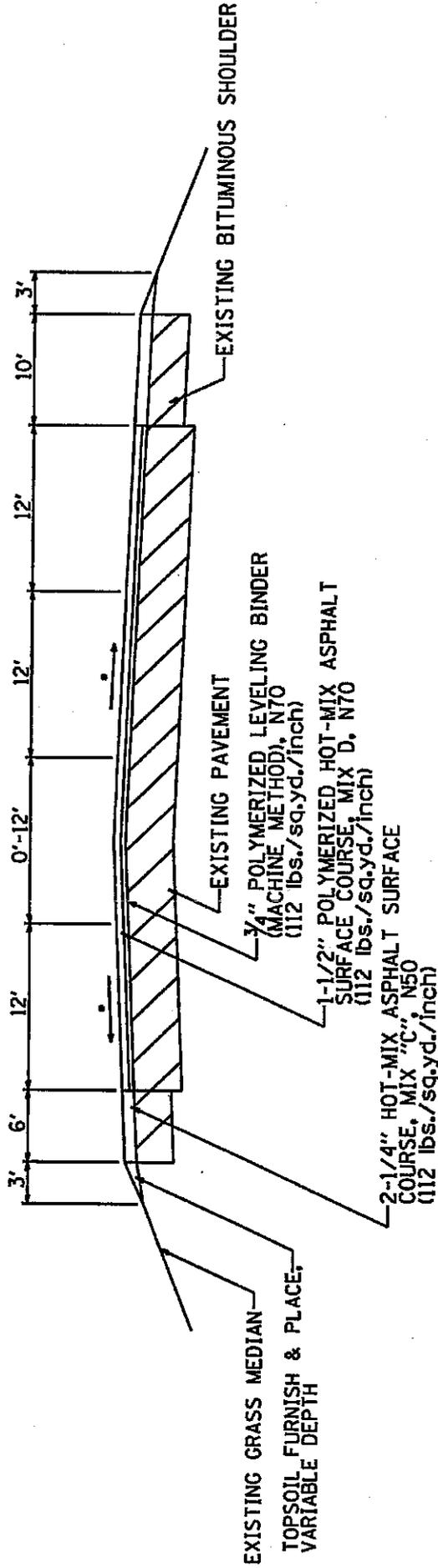
• MATCH EXISTING SLOPE
 (MIN. 1/8" / FT CROSS SLOPE)

FAP 301(US20)
 SECTION (1-1.1)RS-1
 WINNEBAGO COUNTY
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TYPICAL SECTIONS

US20
 EB

STA.521+50-STA.524+50

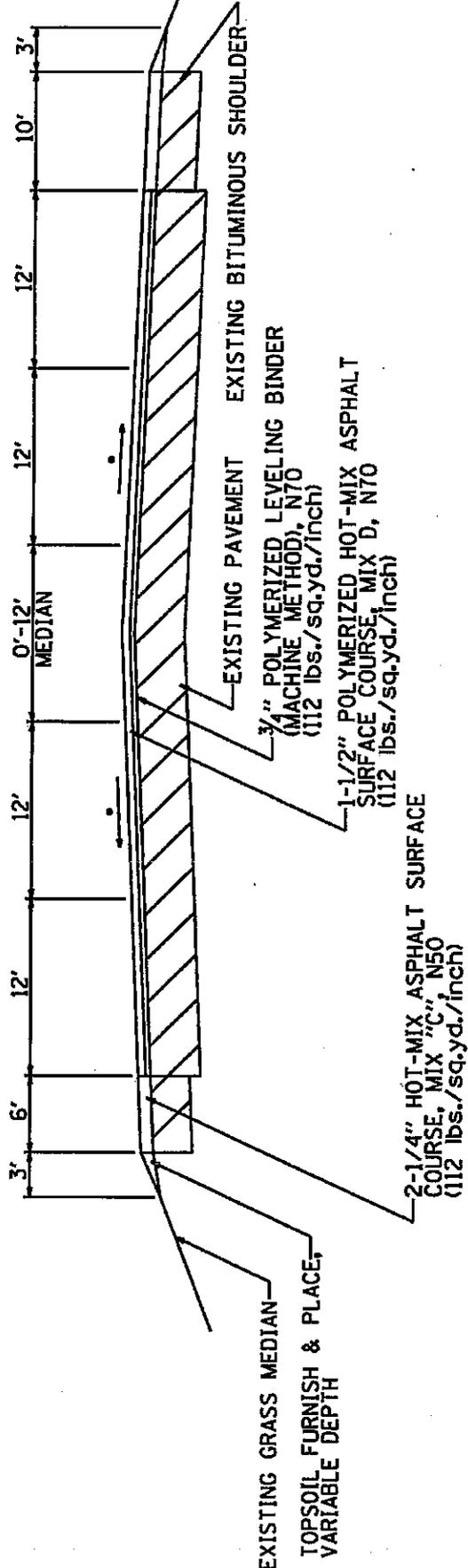


• MATCH EXISTING SLOPE
 (MIN. 1/8" / FT CROSS SLOPE)

FAP 301(US20)
 SECTION (1-1.1)RS-1
 WINNEBAGO COUNTY
 CONTRACT 64B73
 SHEET 12 OF 60

TYPICAL SECTIONS

US20
 EB
 STA.524+50-STA.535+50



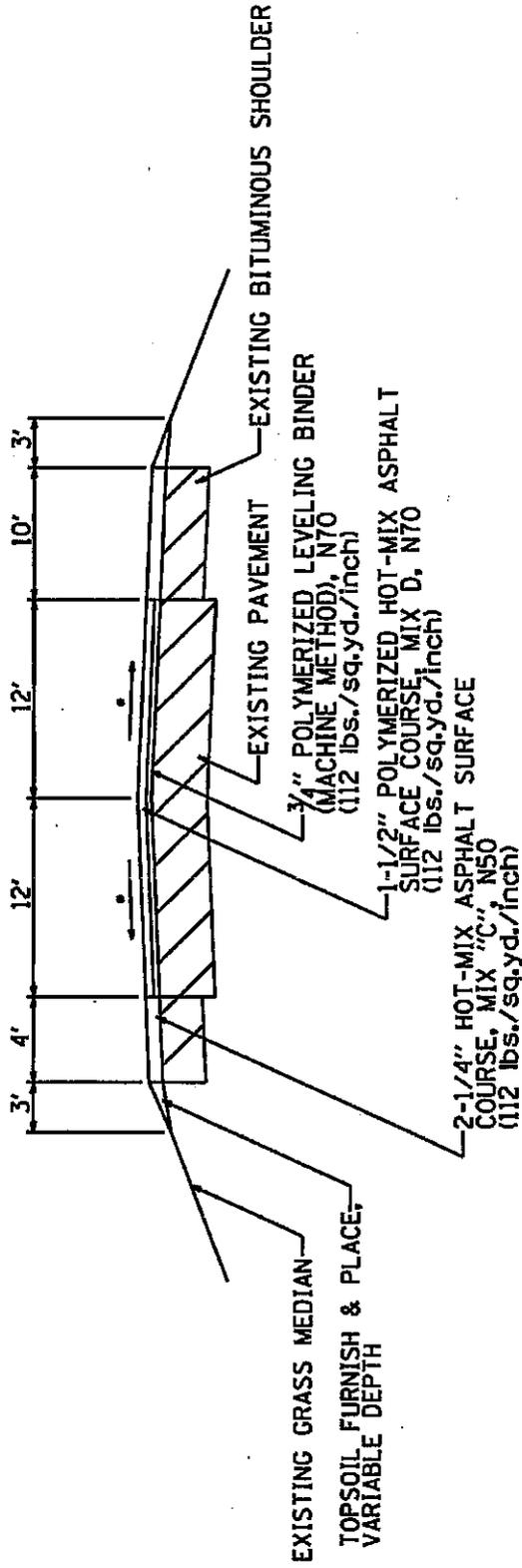
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 (MIN. 1/8" / FT CROSS SLOPE)

FAP 301 (US20)
 SECTION 11-1.13RS-1
 WINNEBAGO COUNTY
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TYPICAL SECTIONS

US20
 FB

•• STA. 535+50 - STA. 612+57



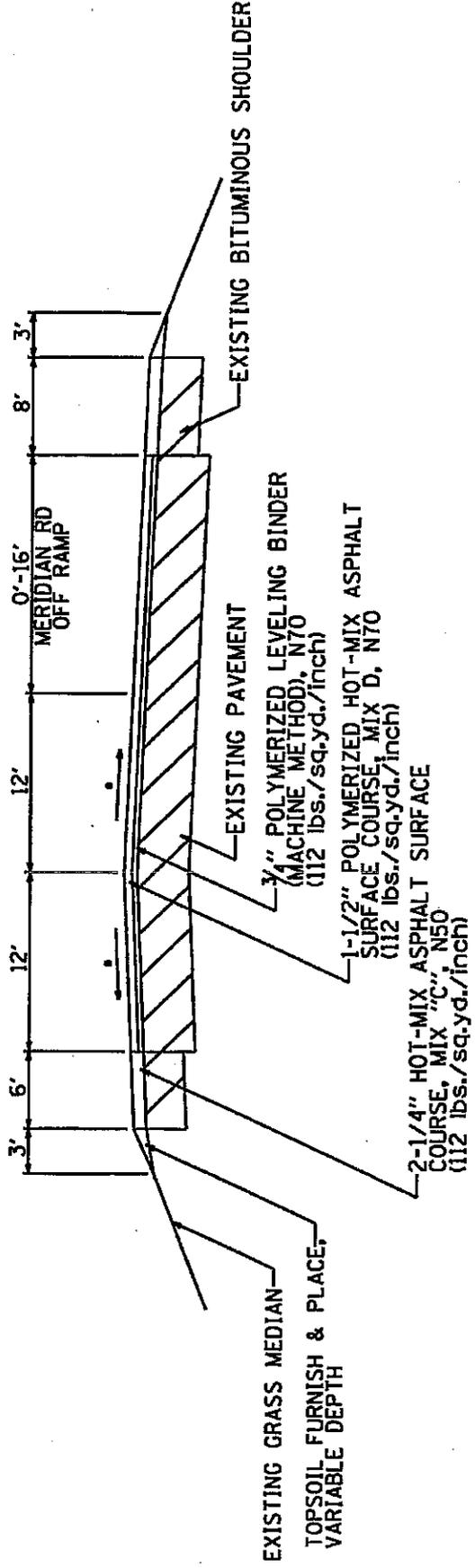
** Note:
 From Sta. 559+30 - Sta. 561+00 (Weldon Rd Overpass)
 grind 2/4" and replace 2/4" without a topsoil wedge.

• MATCH EXISTING SLOPE
 (MIN. 1/8" / FT CROSS SLOPE)

FAP 301 (US20)
 SECTION 11-1.1RS-1
 WINNEBAGO COUNTY
 CONTRACT 64873
 SHEET 14 OF 60

TYPICAL SECTIONS

US20
 EB
 STA.612+57-STA.616+82

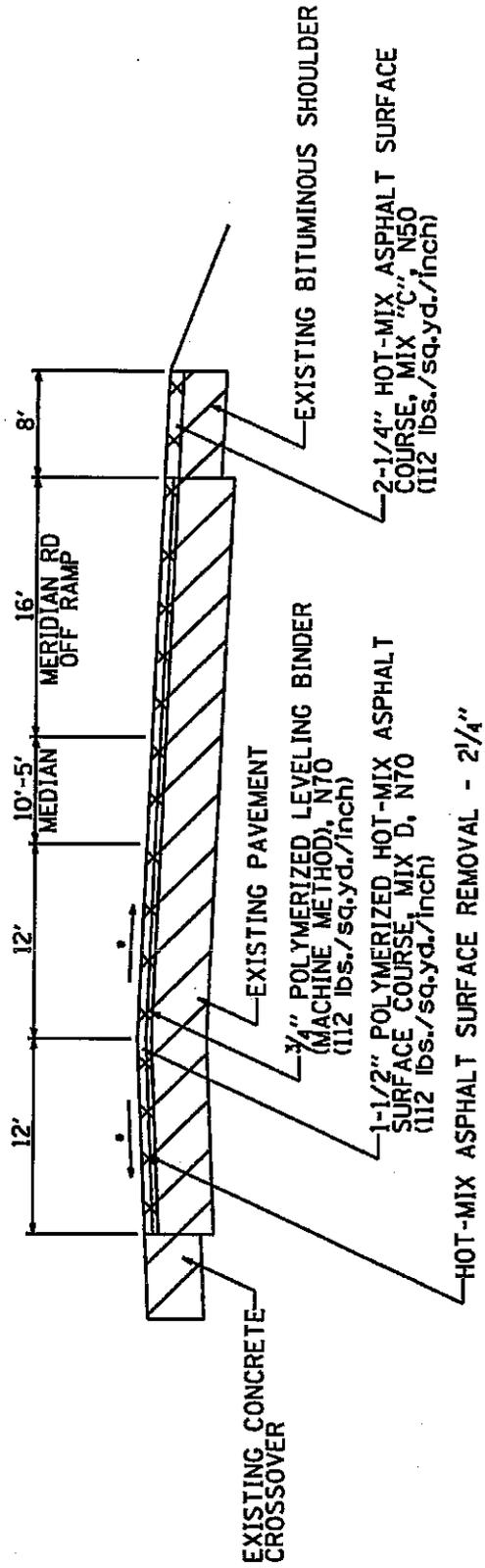


• MATCH EXISTING SLOPE
 (MIN. 1/8" / FT CROSS SLOPE)

FAP 301 (US20)
 SECTION 11.1.1 JRS-1
 WINNEBAGO COUNTY
 CONTRACT 64873
 SHEET 15 OF 60

TYPICAL SECTIONS

US20
 EB
 STA.636+62-STA.638+20

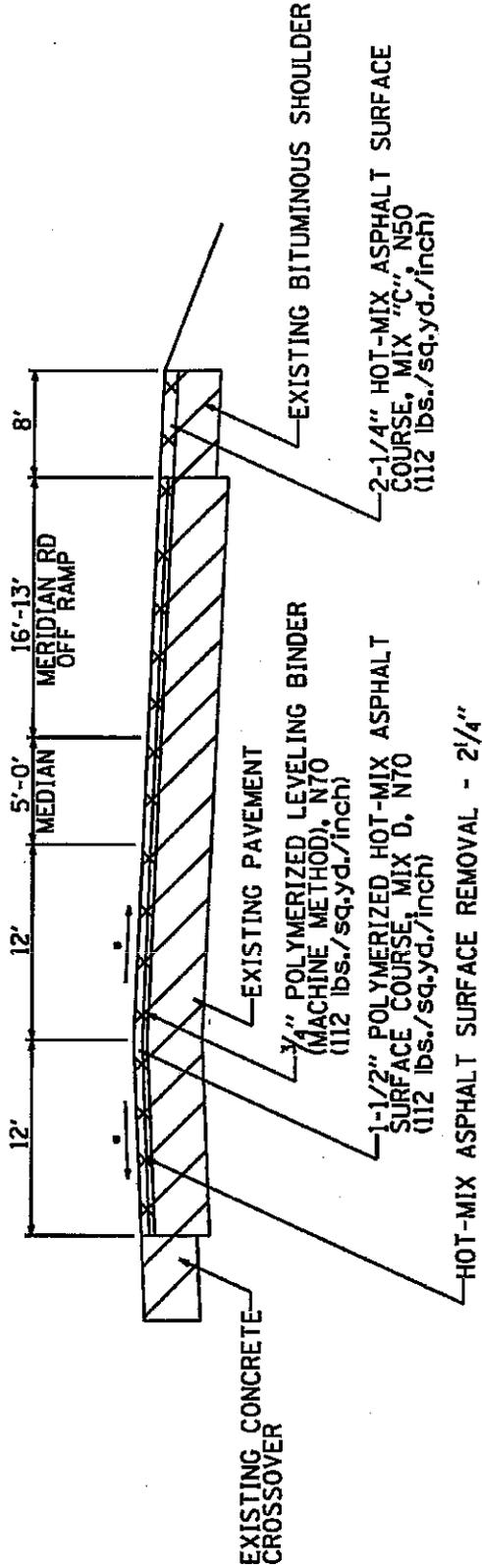


• MATCH EXISTING SLOPE (MIN. 1/8" / FT CROSS SLOPE)

FAP 301(US20)
SECTION 11-1.1RS-1
WINNEBAGO COUNTY
CONTRACT 64873
SHEET 16 OF 60

TYPICAL SECTIONS

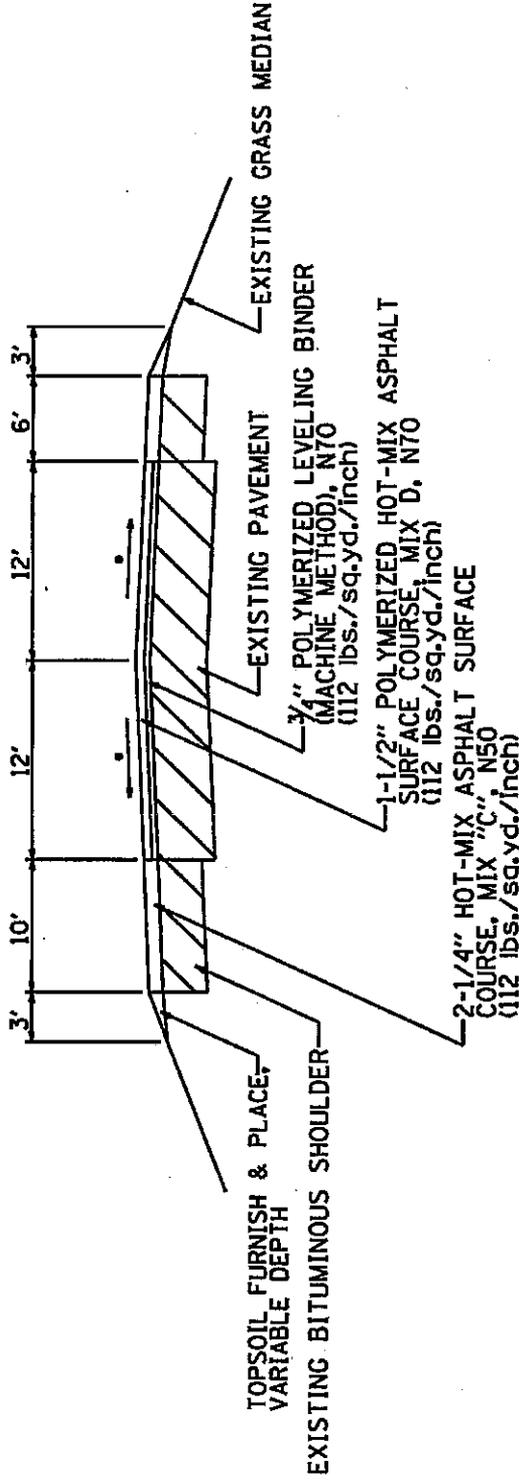
US20
EB
STA.638+20-STA.643+68



TYPICAL SECTIONS

US20
 WB

STA.494+54-STA.502+72
 STA.506+03-STA.524+56

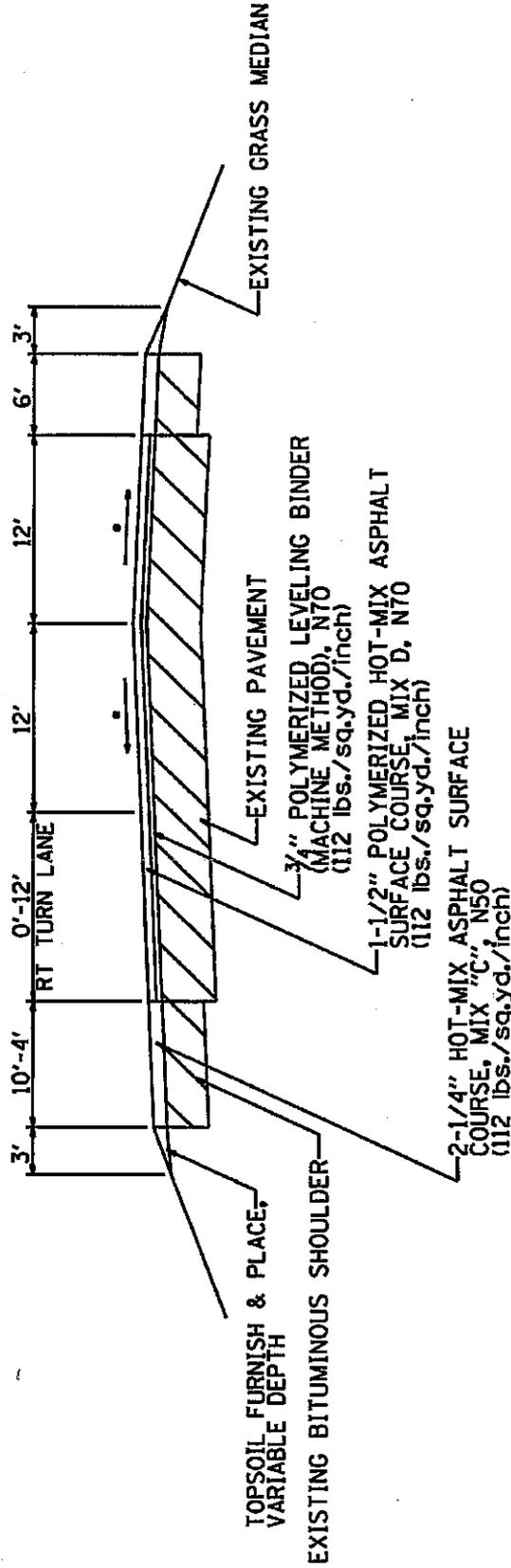


* MATCH EXISTING SLOPE (MIN. 1/8"/FT CROSS SLOPE)

FAP 301 (US20)
 SECTION 11.1.1 IRS-1
 WINNEBAGO COUNTY
 CONTRACT 64873
 SHEET 18 OF 60

TYPICAL SECTIONS

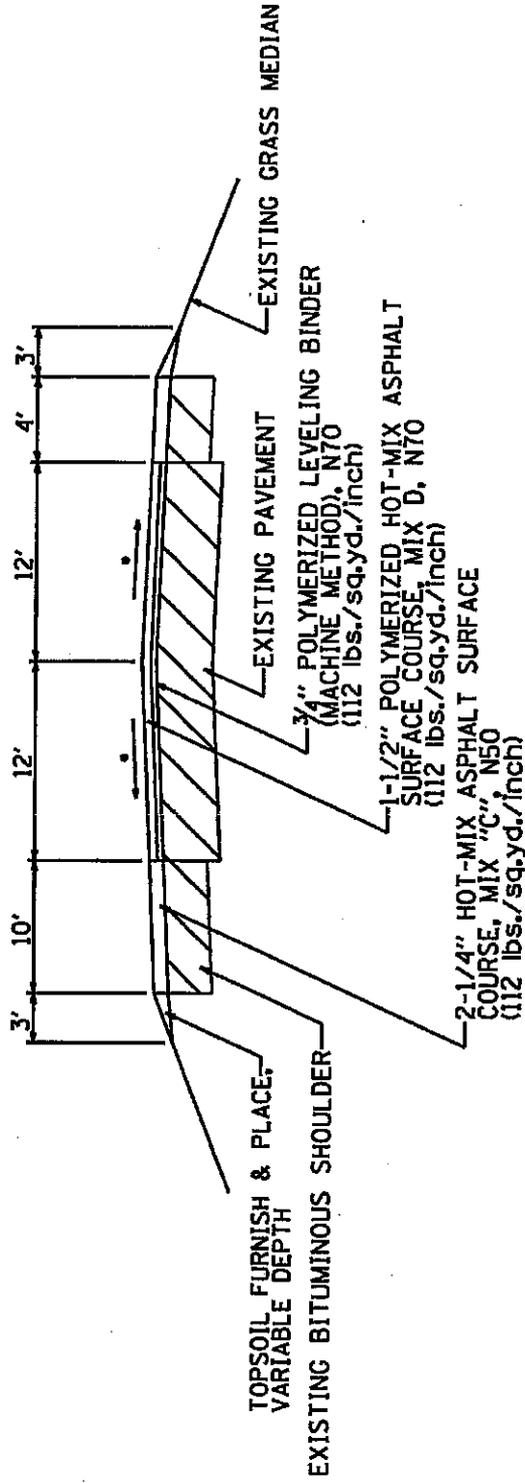
US20
 WB
 STA.502+72-STA.506+03



TYPICAL SECTIONS

US20
 WB

- STA. 524+56 - STA. 526+72
- STA. 557+08 - STA. 607+01
- STA. 618+66 - STA. 638+02



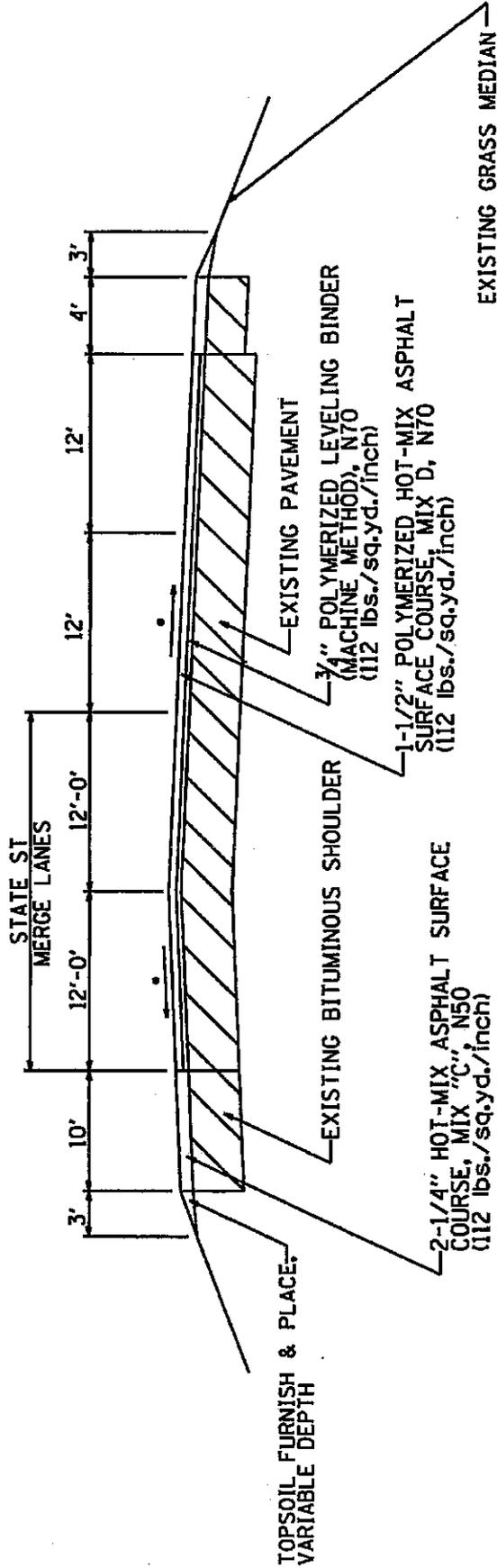
** Note:
 From Sta. 559+22 - Sta. 560+92 (Weldon Rd Overpass)
 and Sta. 626+90 - Sta. 628+60 (Meridian Rd Overpass)
 grind 2 1/4" and replace 2 1/4" without a topsoil wedge.

• MATCH EXISTING SLOPE
 (MIN. 1/8" / FT CROSS SLOPE)

FAP 301(US20)
 SECTION 11-1.1RS-1
 WINNEBAGO COUNTY
 CONTRACT 64873
 SHEET 20 OF 60

TYPICAL SECTIONS

US20
 WB
 STA.526+72-STA.537+70

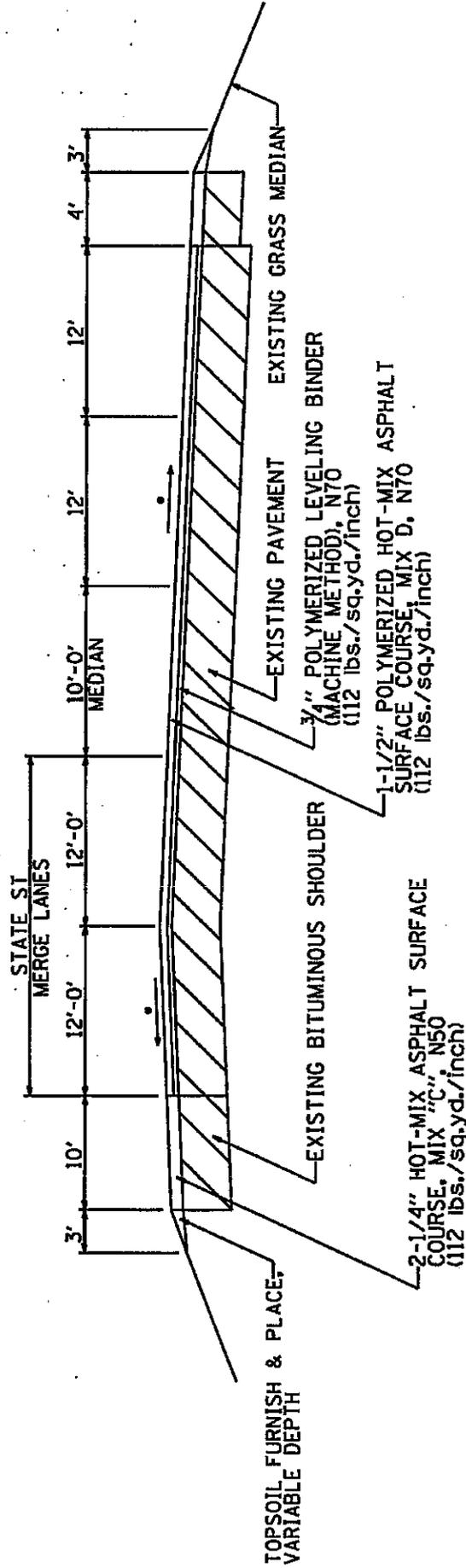


• MATCH EXISTING SLOPE
 (MIN. 1/8" / FT CROSS SLOPE)

FAP 361 (US20)
 SECTION (1-1.1)RS-1
 WINNEBAGO COUNTY
 CONTRACT 64B73
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TYPICAL SECTIONS

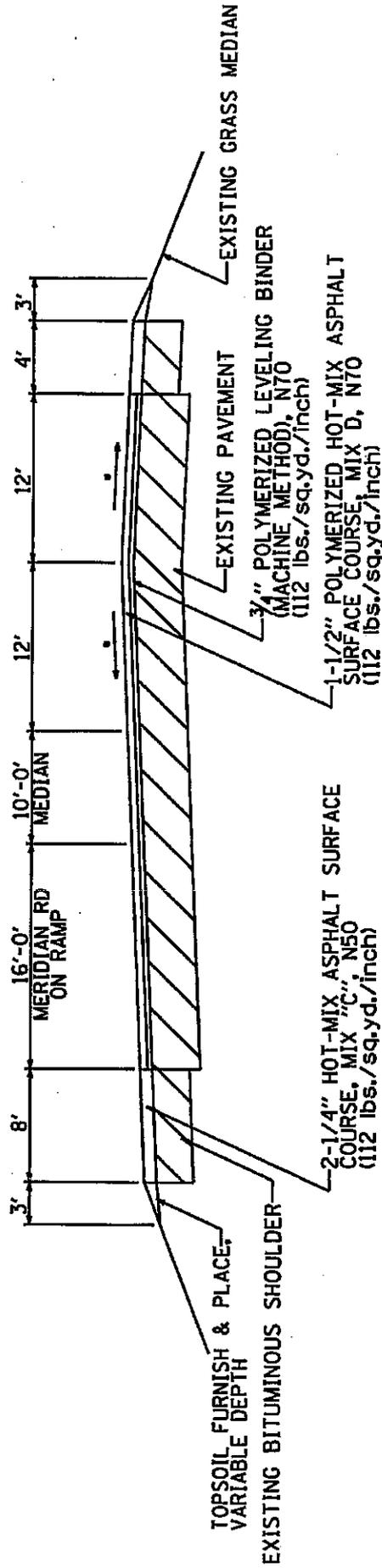
US20
 WB
 STA.537+70-STA.544+31



• MATCH EXISTING SLOPE
 (MIN. 1/8" / FT CROSS SLOPE)

TYPICAL SECTIONS

US20
 WB
 STA.607+01-STA.618+66

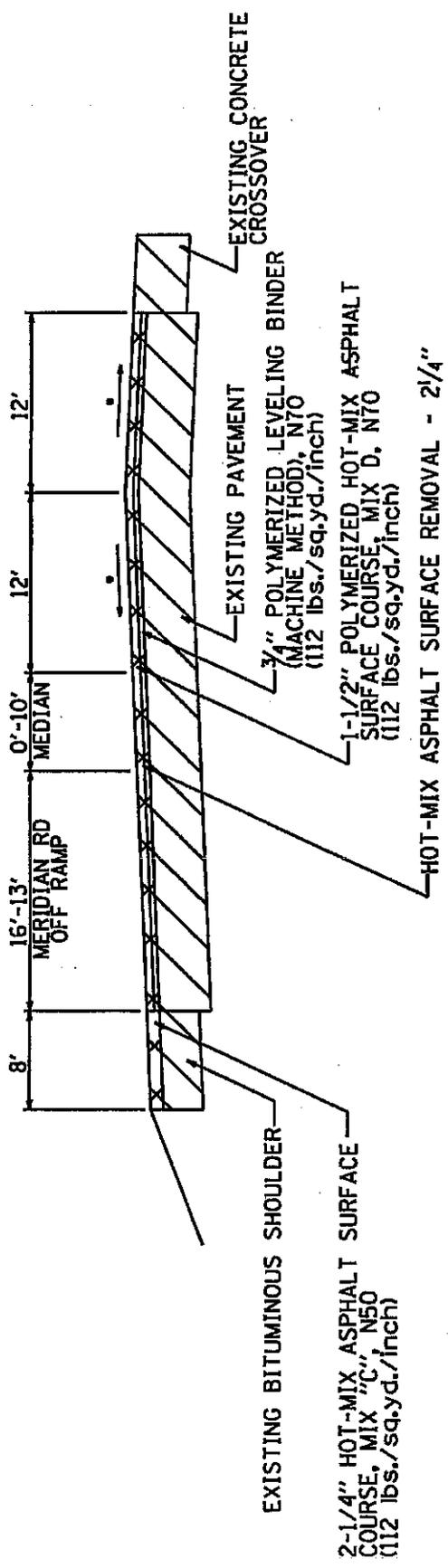


• MATCH EXISTING SLOPE (MIN. 1/8"/FT CROSS SLOPE)

FAP 301 (US20)
 SECTION 11-1.1 IRS-1
 WINNEBAGO COUNTY
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TYPICAL SECTIONS

US20
 WB
 STA. 638+02 - STA. 643+68



• MATCH EXISTING SLOPE
 (MIN. 1/8" / FT CROSS SLOPE)

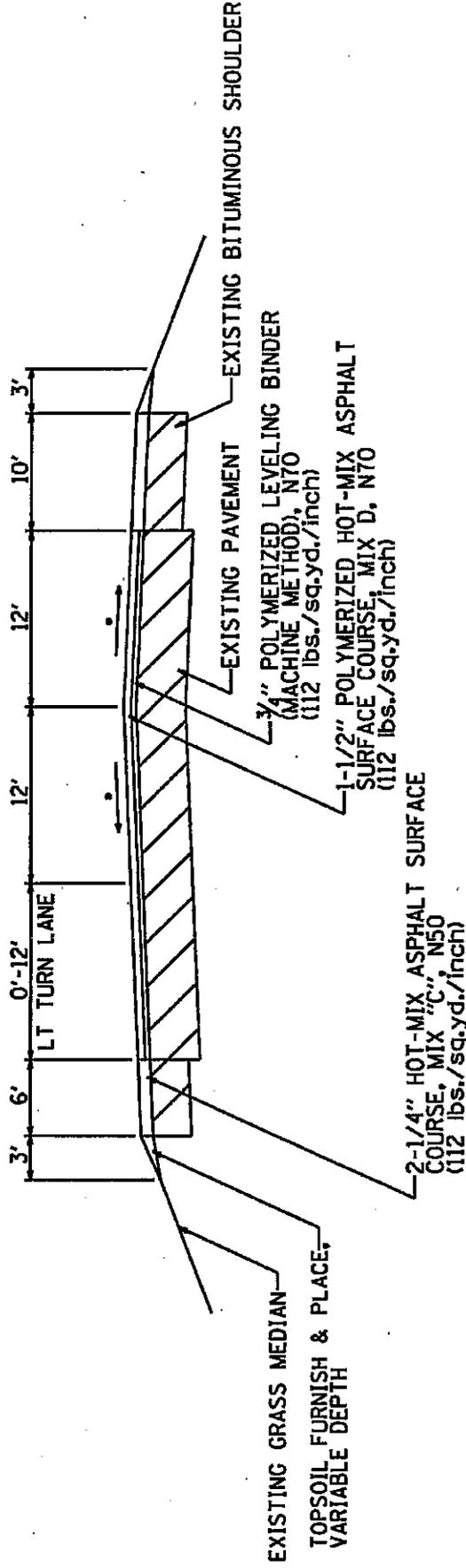
FAP 301(US20)
 SECTION (1-1.1)RS-1
 WINNEBAGO COUNTY
 CONTRACT 64B73
 SHEET 24 OF 60

TYPICAL SECTIONS

US20 (STATE ST)

EB

STA.552+92-STA.556+15

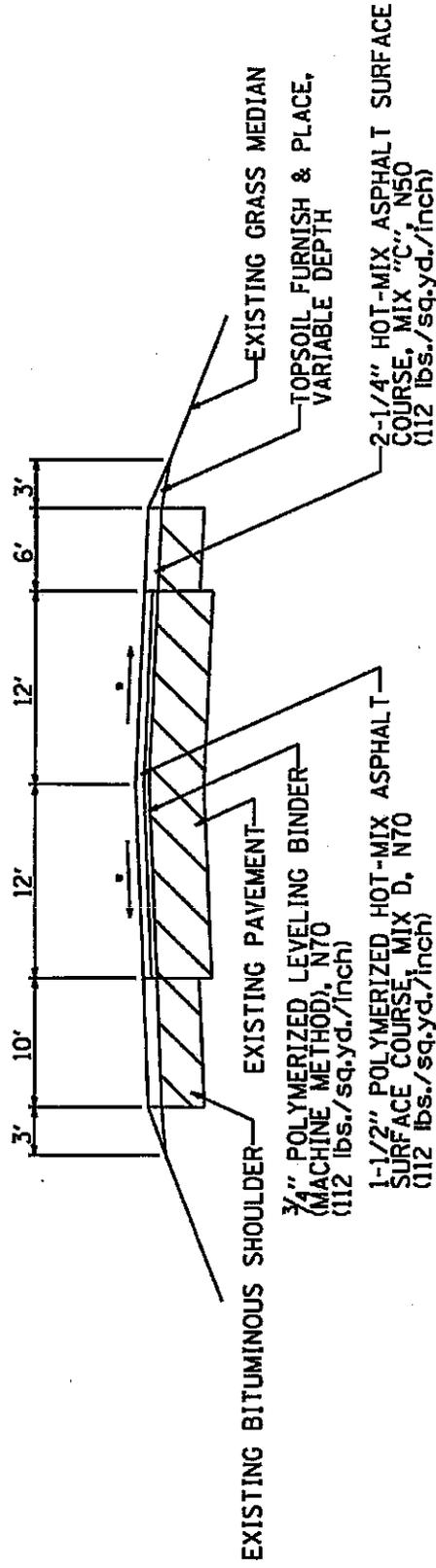


• MATCH EXISTING SLOPE (MIN. 1/8" / FT CROSS SLOPE)

FAP 301 (US20)
 SECTION 11-1.1 RS-1
 WINNEBAGO COUNTY
 CONTRACT 64B73
 SHEET 25 OF 60

TYPICAL SECTIONS

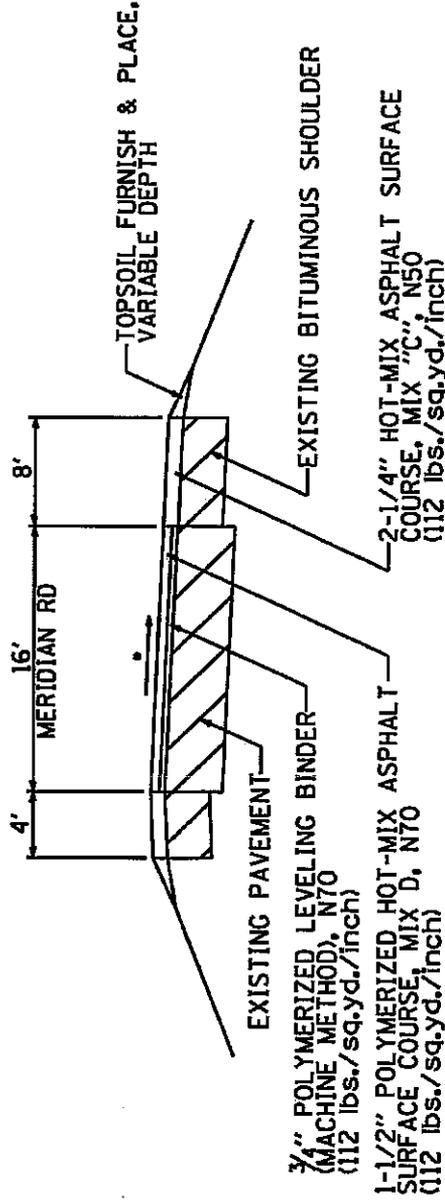
US20 (STATE ST)
 WB
 STA.544+31-STA.556+15



• MATCH EXISTING SLOPE (MIN. 1/8" / FT CROSS SLOPE)

TYPICAL SECTIONS

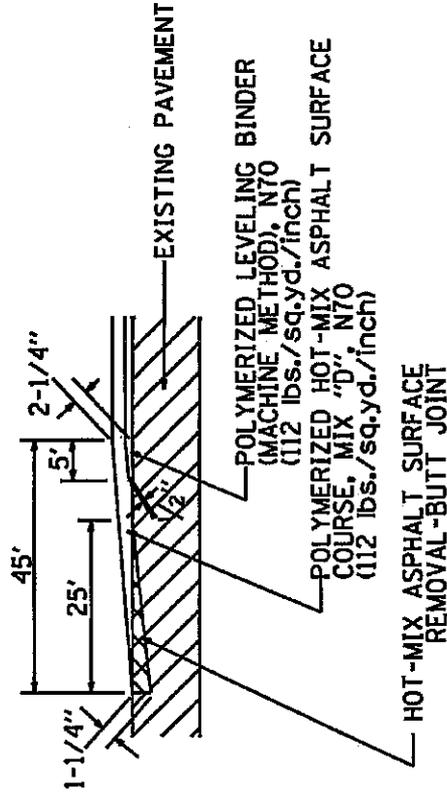
US20 MERIDIAN RD RAMP



TYPICAL SECTIONS

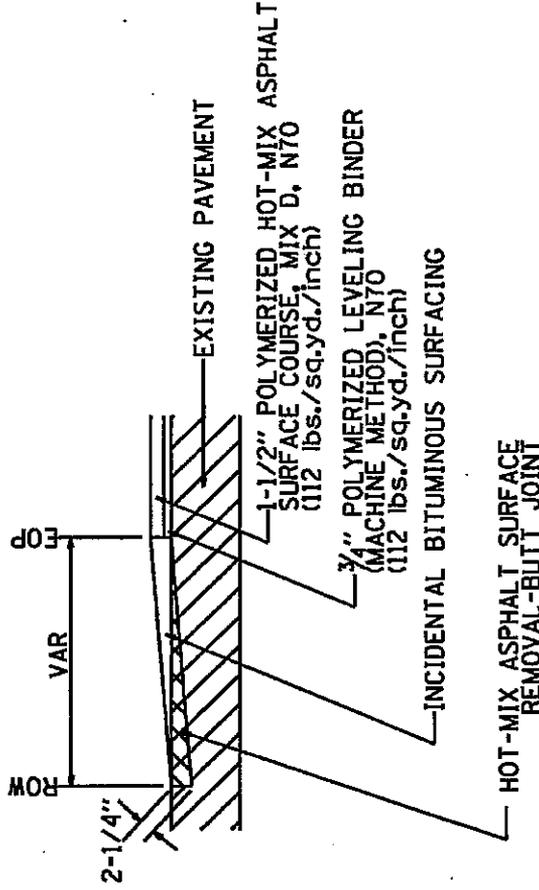
BITUMINOUS BUTT JOINT

- US20
- EB&WB STA.494+09-STA.494+54
- US20 (STATE ST)
- EB STA.556+15-STA.556+60
- WB STA.556+15-STA.556+60
- OMISSION
- WB STA. 544+31-STA.544+76
- WB STA. 556+63-STA.557+08
- ON RAMP AT MERIDIAN RD



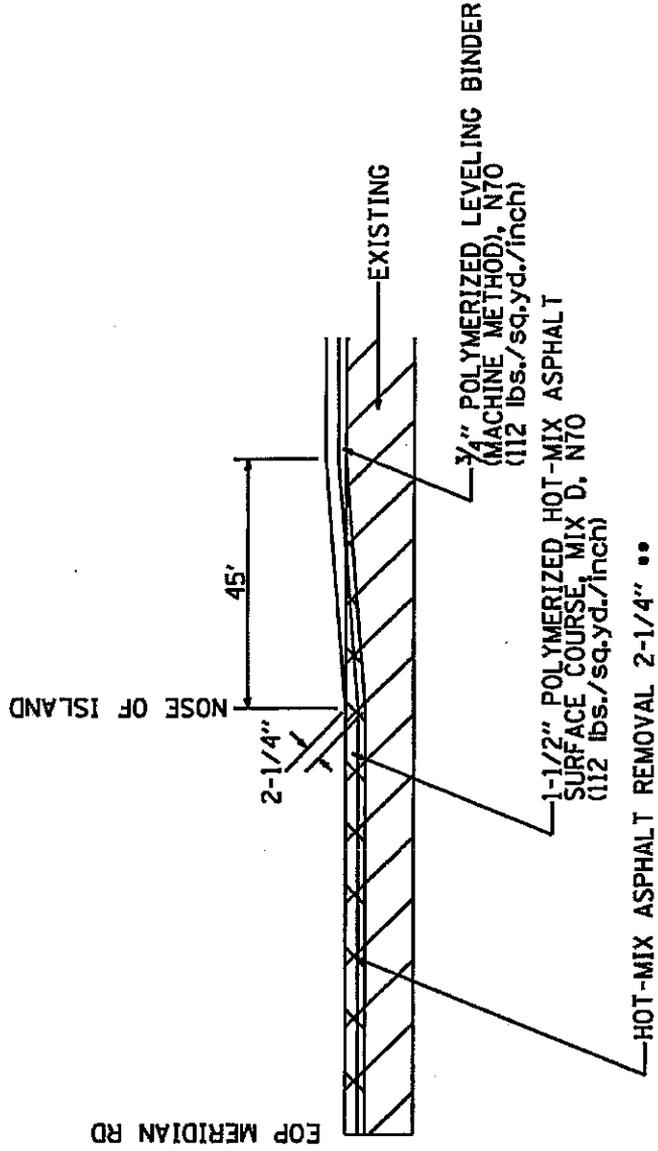
BITUMINOUS BUTT JOINT

US20
SIDE ROADS



TYPICAL SECTIONS

BITUMINOUS BUTT JOINT
 US20
 OFF RAMP AT MERIDIAN RD



••NOTE: SURFACE REMOVAL VARIABLE DEPTH INCLUDED IN HOT-MIX ASPHALT REMOVAL 2 1/4"

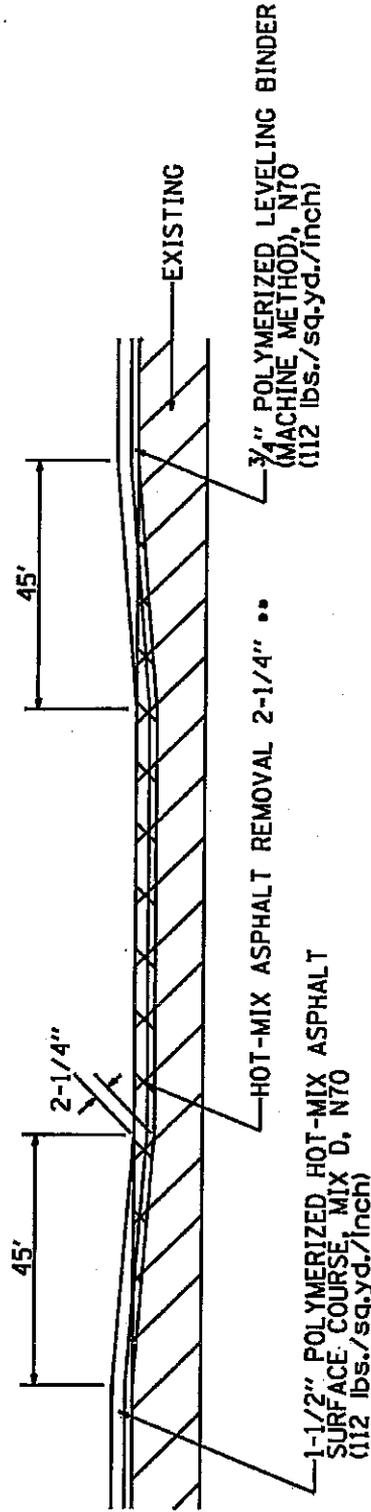
TYPICAL SECTIONS

US20
 EB

STA. 559+30 - STA. 561+00
 STA. 627+03 - STA. 628+73
 STA. 637+75 - STA. 643+68

WB

STA. 559+22 - STA. 560+92
 STA. 626+90 - STA. 628+60
 STA. 637+75 - STA. 643+68
 STA. 545+91 - STA. 548+22



..NOTE: SURFACE REMOVAL VARIABLE DEPTH INCLUDED IN HOT-MIX ASPHALT REMOVAL 2-1/4"

BITUMINOUS SCHEDULE

FAP 301 (US 20)
 Section (1-1, 1)RS-1
 Winnebago County
 Contract No. 64B73
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STATIONS	LENGTH FT	PROPOSED SURFACE				BIT. PRIME TON	AGG. PRIME TON	POLYMERIZED LEVELING BIND. (MACH.) METHOD N 70 TON	POLYMERIZED HOT-MIX SURFACE CSE MIX D N 70 TON	HOT-MIX ASPHALT SURFACE CSE MIX C N 50 TON	INCIDENTAL HOT-MIX ASPHALT SURFACING TON	HOT-MIX ASPHALT SURF REM BUTT JOINT SQ. YD.	SHOULDER RUMBLE STRIPS FOOT
		PAVEMENT		SHOULDER									
		WIDTH	SQ. YD.	LT	RT								
US 20 (EB)													
494 + 9 - 494 + 54	45	24	120.0	6.0	10.0	0.10	0.18	10.1	10.1		111.1	90	
494 + 54 - 499 + 76	522	24	1392.0	6.0	10.0	0.19	2.09	116.9	116.9			1044	
499 + 76 - 502 + 59	283	VAR.	943.3	6.0	4.0	0.81	1.42	79.2	39.6			566	
502 + 59 - 516 + 0	1341	24	3876.0	6.0	10.0	3.07	5.36	200.3	300.4			2682	
516 + 0 - 521 + 50	550	VAR.	1833.3	6.0	10.0	1.57	2.75	102.7	123.2			1100	
521 + 50 - 524 + 50	300	VAR.	1400.0	6.0	10.0	1.20	2.10	78.4	67.2			600	
524 + 50 - 535 + 50	1100	VAR.	6600.0	6.0	10.0	5.66	9.90	369.6	554.4			2200	
535 + 50 - 555 + 42	1992	24	5312.0	4.0	10.0	4.56	7.97	297.5	446.2			3984	
STA. EQ. 555+42 = 556+45													
556 + 45 - 612 + 59	5614	24	14970.7	4.0	10.0	12.84	22.46	838.4	1257.5			11228	
612 + 59 - 616 + 82	423	VAR.	1504.0	4.0	8.0	1.29	2.26	84.2	71.1			846	
616 + 82 - 636 + 62	1980	24	5280.0	4.0	10.0	4.53	7.92	295.7	443.5			3960	
636 + 62 - 638 + 20	158	VAR.	833.9	4.0	8.0	0.72	1.25	46.7	26.5			636	
638 + 20 - 640 + 28	208	VAR.	982.2	8.0	8.0	0.84	1.47	55.0	82.5			416	
640 + 28 - 643 + 23	295	VAR.	1261.9	8.0	262.2	1.08	1.89	70.7	33.0			590	
643 + 23 - 643 + 68	45	VAR.	192.5	8.0	40.0	0.17	0.29	10.8	16.2			90	
US 20 (WB)													
494 + 9 - 494 + 54	45	24	120.0	10.0	6.0	0.10	0.18	6.7	10.1		111.1	90	
494 + 54 - 502 + 72	818	24	2181.3	10.0	6.0	1.87	3.27	122.2	183.2			1636	
502 + 72 - 504 + 41	169	36	676.0	4.0	6.0	0.58	1.01	37.9	56.8			338	
504 + 41 - 506 + 3	162	VAR.	540.0	10.0	6.0	0.46	0.81	30.2	45.4			324	
506 + 3 - 524 + 56	1853	24	4941.3	10.0	6.0	4.24	7.41	276.7	415.1			3706	
524 + 56 - 528 + 72	216	24	576.0	10.0	4.0	0.49	0.86	32.3	48.4			432	
528 + 72 - 537 + 70	1098	VAR.	4392.0	10.0	4.0	3.77	6.59	246.0	368.9			2196	
537 + 70 - 544 + 31	661	VAR.	3892.6	10.0	4.0	3.34	5.84	218.0	327.0			1322	
544 + 31 - 544 + 76	45	24	120.0	10.0	4.0	0.10	0.18	6.7	10.1		194.4	90	
OMMISSION													
556 + 63 - 557 + 8	45	24	120.0	10.0	4.0	0.10	0.18	6.7	10.1		111.1	90	
557 + 8 - 607 + 1	4993	24	13314.7	10.0	4.0	11.42	19.97	745.6	1118.4			9986	
607 + 1 - 614 + 67	766	VAR.	2723.6	10.0	4.0	2.34	4.09	152.5	228.8			1532	
614 + 67 - 618 + 66	399	VAR.	1640.3	10.0	4.0	1.41	2.46	91.9	137.8			798	
618 + 66 - 638 + 2	1936	24	5162.7	10.0	4.0	3011.6	7.74	289.1	433.7			3872	
638 + 2 - 642 + 21	419	VAR.	2095.0	10.0	4.0	1.80	3.14	117.3	176.0			490	
642 + 21 - 643 + 23	102	VAR.	408.0	10.0	4.0	0.35	0.61	22.8	34.3			490	
643 + 23 - 643 + 68	45	24	120.0	10.0	4.0	0.10	0.18	6.7	10.1			490	
PAGE SUBTOTALS						76.56	133.84	4996.62	7494.93	0.00	527.70	57914	

BITUMINOUS SCHEDULE

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STATIONS	LENGTH FT	PROPOSED SURFACE				40600200 BIT. PRIME TON	40600300 AGG. PRIME TON	40600837 POLYMERIZED LEVEL BIND. (MACH.) METHOD N 70 TON	40603540 POLYMERIZED HOT-MIX SURFACE CSE MIX D N 70 TON	40603310 HOT-MIX ASPHALT SURFACE CSE MIX C N 50 TON	40800050 INCIDENTAL HOT-MIX ASPHALT SURFACING TON	40600982 HOT-MIX ASPHALT SURF REM BUTT JOINT SQ. YD.	64200105 SHOULDER RUMBLE STRIPS FOOT
		PAVEMENT		SHOULDER									
		WIDTH	SQ. YD.	LT	RT								
US 20 STATE ST (EB)													
535 + 50 - 552 + 92	1742	24	4845.3	6.0	10.0	3096.9	260.1	390.2	390.2			3484	
552 + 92 - 554 + 42	150	VAR	500.0	6.0	10.0	266.7	28.0	42.0	33.6			300	
554 + 42 - 556 + 15	173	36	692.0	6.0	10.0	307.6	38.8	58.1	38.8			346	
556 + 15 - 556 + 60	45	36	180.0	6.0	10.0	80.0	10.1	15.1	10.1		144.4	90	
US 20 STATE ST (WB)													
544 + 31 - 556 + 15	1184	24	3157.3	10.0	6.0	2104.9	176.8	265.2	265.2			2368	
556 + 15 - 556 + 60	45	24	120.0	10.0	6.0	80.0	6.7	10.1	10.1		111.1	90	
MERIDIAN ROAD													
SE ramp	727	16	1292.4	4.0	8.0	969.3	72.4	108.6	122.1				
SE ramp @ Meridian Rd return	95	81	855.0	4.0	8.0	126.7	47.9	71.8	16.0		395.0		
SW ramp	1316	16	2339.6	4.0	8.0	1754.7	131.0	196.5	221.1				
SW ramp @ Meridian Rd return	89	87	860.3	4.0	8.0	118.7	48.2	72.3	15.0				
NE ramp	1016	16	1806.2	4.0	8.0	1354.7	101.1	151.7	170.7				
NE ramp @ Meridian Rd return	89	87	860.3	4.0	8.0	118.7	48.2	72.3	15.0				
NW ramp	675	16	1200.0	4.0	8.0	900.0	67.2	100.8	113.4				
NW ramp @ Meridian Rd return	95	81	855.0	4.0	8.0	126.7	47.9	71.8	16.0		395.0		
MEDIAN X-OVER													
495 + 35			72.8			0.02	0.11			9.2			
582 + 91			71.1			0.02	0.11			9.0			
FALCONER ROAD													
North Return	34		194.6			0.06	0.29			24.5	194.6		
South Return	29		191.7			0.05	0.29			24.2	191.7		
SHOULDER CONTINGENCY: Use Level Binder if replacement of existing is required.							500.0						
PAGE SUBTOTALS						16.77	29.84	1584.36	1626.54	1437.07	66.81	6678	
TOTALS						93.32	163.68	6580.98	9121.47	7117.46	66.81	64592	

CLASS B PATCHING SCHEDULE

FAP 301 (US 20)
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 Contract 64873
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STATION	WIDTH OF LANE FT	LENGTH OF PATCH		44201007 CLASS B PATCHES TYPE 2, 13 INCH		44201011 CLASS B PATCHES TYPE 3, 13 INCH		44201013 CLASS B PATCHES TYPE 4, 13 INCH		44213200 SAW CUTS		Z0017100 DOWEL BARS		42001200 PAVEMENT FABRIC	Z0075300 TIE BARS
		LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE		
US 20 EB cont.															
605 + 70	12	8	8	10.7	10.7										
606 + 1	12	6	6	8.0	8.0										
608 + 90	12	6	6	8.0	8.0										
625 + 68	12	20	20					26.7	26.7					53.4	11
637 + 40	12	8	8	10.7	10.7										
640 + 7	12	6	6	8.0	8.0										
US 20 WB															
495 + 56	12	6	6	8.0	8.0										
500 + 4	12	12	12			16.0	16.0								
505 + 62	12	8	8	10.7	10.7										
508 + 35	12	6	6	8.0	8.0										
509 + 54	12	8	8	10.7	10.7										
509 + 73	12	8	8	10.7	10.7										
512 + 92	12	12	12			16.0	16.0								
513 + 52	12	8	8	10.7	10.7										
519 + 80	12	10	6	13.3	8.0										
520 + 96	12	6	6	8.0	8.0										
528 + 58	12	8	8	10.7	10.7										
530 + 10	12	13	13			17.3	17.3								
533 + 71	12	25	25					33.3	33.3					17.3	13
535 + 41	12	20	20					26.7	26.7					33.3	11
536 + 99	12	6	6	8.0	8.0										
542 + 19	12	6	6	8.0	8.0										
561 + 79	12	6	15	8.0	8.0										
567 + 52	12	8	8	10.7	10.7										
572 + 83	12	10	10	13.3	13.3										
573 + 90	12	12	12			16.0	16.0								
587 + 1	12	10	10	13.3	13.3										
587 + 50	12	6	6	8.0	8.0										
594 + 6	12	6	6	8.0	8.0										
594 + 27	12	6	6	8.0	8.0										
601 + 87	12	6	6	8.0	8.0										
602 + 20	12	6	6	8.0	8.0										
615 + 7	12	6	6	8.0	8.0										
615 + 7	12	Ramp area	6	8.0	8.0										
623 + 25	12	6	6	8.0	8.0										
635 + 23	12	6	6	8.0	8.0										
US 20 State St (EB)															
527 + 87	12	6	6	8.0	8.0										
531 + 37	12	Gore area	8	10.7	10.7										
532 + 7	12	6	6	8.0	8.0										
532 + 24	12	8	8	10.7	10.7										
532 + 24	12	Gore area	8	10.7	10.7										
532 + 41	12	6	6	8.0	8.0										
PAGE SUB-TOTAL				237.3	296.1	65.3	68.0	86.7	53.3	1784.0	1768.0	660.0	760.0	273.4	35.0

CLASS B PATCHING SCHEDULE

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STATION	WIDTH OF LANE FT	LENGTH OF PATCH		44201007 CLASS B PATCHES TYPE 2, 13 INCH		44201011 CLASS B PATCHES TYPE 3, 13 INCH		44201013 CLASS B PATCHES TYPE 4, 13 INCH		44213200 SAW CUTS		Z0017100 DOWEL BARS		42001200 PAVEMENT FABRIC	Z0075300 TIE BARS														
		LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE			LT LANE	RT LANE												
		SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	FOOT	FOOT	FOOT	FOOT			EACH	EACH	SQ. YD.											
US 20 State St (EB) cont.																													
533 + 28	12				10.7																								
534 + 24	12	Gore area			10.7																								
539 + 81	12				10.7																								
540 + 80	12				8.0																								
541 + 47	12				10.7																								
542 + 83	12				10.7																								
545 + 51	12				8.0																								
546 + 45	12				32.0																								
549 + 36	12				10.7																								
US 20 State St (WB)																													
554 + 71	12				8.0																								
553 + 88	12				8.0																								
552 + 76	12				8.0																								
552 + 59	12				10.7																								
551 + 86	12				8.0																								
549 + 75	12				8.0																								
548 + 92	12				8.0																								
546 + 45	12				8.0																								
545 + 97	12				8.0																								
545 + 38	12				10.7																								
544 + 69	12				10.7																								
540 + 84	12				8.0																								
536 + 99	12				8.0																								
536 + 52	12				8.0																								
535 + 80	12				8.0																								
535 + 41	12				20																								
535 + 18	12				8.0																								
534 + 92	12				8.0																								
Meridian Ramps																													
NE	16				10.7																								
NW	16				10.7																								
SE	16				10.7																								
SW	16				10.7																								
PAGE SUB-TOTAL																													
LINE ITEM TOTAL																													
PAY ITEM TOTAL																													
				242.8		208.1		0.0		0.0		26.7		0.0		1336.0		922.0		532.0		412.0		26.7		520.1		24.0	
				688.1		730.8		81.3		132.0		169.3		137.3		4512.0		4294.0		1732		1832		520.1		94			
				1418.9				213.3				306.6				8806.0				3564.0				520.1		94.0			

GRINDING SCHEDULE

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			44000158 HOT- MIX ASPHALT	
STATIONS	LENGTH FOOT	PAVEMENT WIDTH	REMOVAL 2.25" SQ. YD.	NOTE
US 20 (EB)				
Weldon Rd Overpass				
559 + 30 - 559 + 75	45	40	200.0	0"- 2.25"
559 + 75 - 560 + 55	80	40	355.6	2.25"
560 + 55 - 561 + 0	45	40	200.0	2.25" - 0"
Meridian Rd Overpass				
627 + 3 - 627 + 48	45	40	200.0	0"- 2.25"
627 + 48 - 628 + 28	80	40	355.6	2.25"
628 + 28 - 628 + 73	45	40	200.0	2.25" - 0"
Crossover				
637 + 75 - 638 + 20	45	45	225.0	0"- 2.25"
638 + 20 - 643 + 68	548	45	2740.0	2.25"
US 20 (WB)				
Weldon Rd Overpass				
559 + 22 - 559 + 67	45	40	200.0	0"- 2.25"
559 + 67 - 560 + 47	80	40	355.6	2.25"
560 + 47 - 560 + 92	45	40	200.0	2.25" - 0"
Meridian Rd Overpass				
626 + 90 - 627 + 35	45	40	200.0	0"- 2.25"
627 + 35 - 628 + 15	80	40	355.6	2.25"
628 + 15 - 628 + 60	45	40	200.0	2.25" - 0"
Crossover				
637 + 75 - 638 + 20	45	45	225.0	0"- 2.25"
638 + 20 - 643 + 68	548	45	2740.0	2.25"
US 20 State St (EB) Overpass				
545 + 91 - 546 + 36	45	40	200.0	0"- 2.25"
546 + 36 - 547 + 77	141	40	626.7	2.25"
547 + 77 - 548 + 22	45	40	200.0	2.25" - 0"
SW Ramp @ Meridian Rd. return				
	45	50	250.0	0"- 2.25"
	27	119.5	358.5	2.25"
NE Ramp @ Meridian Rd. return				
	45	50	250.0	0"- 2.25"
	27	119.5	358.5	2.25"
TOTALS			11195.9	

SCHEDULE OF QUANTITIES

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21101600 TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH

<u>LOCATION</u>	<u>REMARK</u>	<u>SQ YD</u>
US 20 EB		
STA. 494+09 - 555+42	3' each side	4088.7
STA. EQ. STA 555+42 = STA 556+45		
STA. 556+45 - 643+68	3' each side	5815.3
US BUS 20 EB		
STA. 535+50 - 556+60	3' each side	1406.7
US 20 WB		
STA. 494+09 - 544+31	3' each side	3348.0
STA. 544+31 - 556+18	OMISSION	
STA. 556+18 - 643+68	3' each side	5833.3
US BUS 20 WB		
STA. 544+31 - 556+60	3' each side	819.3
SW MERIDIAN Ramp	3' each side	877.3
SE MERIDIAN Ramp	3' each side	484.7
NW MERIDIAN Ramp	3' each side	450.0
NE MERIDIAN Ramp	3' each side	677.3
TOTAL		23800.7

25000210 SEEDING, CLASS 2A

<u>LOCATION</u>	<u>REMARK</u>	<u>ACRE</u>
US 20 EB		
STA. 494+09 - 555+42	3' each side	0.84
STA. EQ. STA 555+42 = STA 556+45		
STA. 556+45 - 643+68	3' each side	1.20
US BUS 20 EB		
STA. 535+50 - 556+60	3' each side	0.29
US 20 WB		
STA. 494+09 - 544+31	3' each side	0.69
STA. 544+31 - 556+18	OMISSION	
STA. 556+18 - 643+68	3' each side	1.21
US BUS 20 WB		
STA. 544+31 - 556+60	3' each side	0.17
SW MERIDIAN Ramp	3' each side	0.18
SE MERIDIAN Ramp	3' each side	0.10
NW MERIDIAN Ramp	3' each side	0.09
NE MERIDIAN Ramp	3' each side	0.14
TOTAL		4.92

SCHEDULE OF QUANTITIES

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25000400 NITROGEN FERTILIZER NUTRIENT

<u>LOCATION</u>	<u>REMARK</u>	<u>POUND</u>
US 20 EB		
STA. 494+09 - 555+42	3' each side	76.0
STA. EQ. STA 555+42 = STA 556+45		
STA. 556+45 - 643+68	3' each side	108.1
US BUS 20 EB		
STA. 535+50 - 556+60	3' each side	26.2
US 20 WB		
STA. 494+09 - 544+31	3' each side	62.3
STA. 544+31 - 556+18 OMISSION		
STA. 556+18 - 643+68	3' each side	108.5
US BUS 20 WB		
STA. 544+31 - 556+60	3' each side	15.2
SW MERIDIAN Ramp	3' each side	16.3
SE MERIDIAN Ramp	3' each side	9.0
NW MERIDIAN Ramp	3' each side	8.4
NE MERIDIAN Ramp	3' each side	12.6
TOTAL		442.6

25000500 PHOSPHORUS FERTILIZER NUTRIENT

<u>LOCATION</u>	<u>REMARK</u>	<u>POUND</u>
US 20 EB		
STA. 494+09 - 555+42	3' each side	76.0
STA. EQ. STA 555+42 = STA 556+45		
STA. 556+45 - 643+68	3' each side	108.1
US BUS 20 EB		
STA. 535+50 - 556+60	3' each side	26.2
US 20 WB		
STA. 494+09 - 544+31	3' each side	62.3
STA. 544+31 - 556+18 OMISSION		
STA. 556+18 - 643+68	3' each side	108.5
US BUS 20 WB		
STA. 544+31 - 556+60	3' each side	15.2
SW MERIDIAN Ramp	3' each side	16.3
SE MERIDIAN Ramp	3' each side	9.0
NW MERIDIAN Ramp	3' each side	8.4
NE MERIDIAN Ramp	3' each side	12.6
TOTAL		442.6

SCHEDULE OF QUANTITIES

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25000600 POTASSIUM FERTILIZER NUTRIENT

<u>LOCATION</u>	<u>REMARK</u>	<u>POUND</u>
US 20 EB		
STA. 494+09 - 555+42	3' each side	76.0
STA. EQ. STA 555+42 = STA 556+45		
STA. 556+45 - 643+68	3' each side	108.1
US BUS 20 EB		
STA. 535+50 - 556+60	3' each side	26.2
US 20 WB		
STA. 494+09 - 544+31	3' each side	62.3
STA. 544+31 - 556+18	OMISSION	
STA. 556+18 - 643+68	3' each side	108.5
US BUS 20 WB		
STA. 544+31 - 556+60	3' each side	15.2
SW MERIDIAN Ramp	3' each side	16.3
SE MERIDIAN Ramp	3' each side	9.0
NW MERIDIAN Ramp	3' each side	8.4
NE MERIDIAN Ramp	3' each side	12.6
TOTAL		442.6

25100630 EROSION CONTROL BLANKET

<u>LOCATION</u>	<u>REMARK</u>	<u>SQ YD</u>
US 20 EB		
STA. 494+09 - 555+42	3' each side	4088.7
STA. EQ. STA 555+42 = STA 556+45		
STA. 556+45 - 643+68	3' each side	5815.3
US BUS 20 EB		
STA. 535+50 - 556+60	3' each side	1406.7
US 20 WB		
STA. 494+09 - 544+31	3' each side	3348.0
STA. 544+31 - 556+18	OMISSION	
STA. 556+18 - 643+68	3' each side	5833.3
US BUS 20 WB		
STA. 544+31 - 556+60	3' each side	819.3
SW MERIDIAN Ramp	3' each side	877.3
SE MERIDIAN Ramp	3' each side	484.7
NW MERIDIAN Ramp	3' each side	450.0
NE MERIDIAN Ramp	3' each side	677.3
TOTAL		23800.7

SCHEDULE OF QUANTITIES

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28000250 TEMPORARY EROSION CONTROL SEEDING

<u>LOCATION</u>	<u>REMARK</u>	<u>POUND</u>
US 20 EB		
STA. 494+09 - 555+42	3' each side	422.4
STA. EQ. STA 555+42 = STA 556+45		
STA. 556+45 - 643+68	3' each side	600.8
US BUS 20 EB		
STA. 535+50 - 556+60	3' each side	145.3
US 20 WB		
STA. 494+09 - 544+31	3' each side	345.9
STA. 544+31 - 556+18	OMISSION	
STA. 556+18 - 643+68	3' each side	602.6
US BUS 20 WB		
STA. 544+31 - 556+60	3' each side	84.6
SW MERIDIAN Ramp	3' each side	90.6
SE MERIDIAN Ramp	3' each side	50.1
NW MERIDIAN Ramp	3' each side	46.5
NE MERIDIAN Ramp	3' each side	70.0
TOTAL		2458.7

28000300 TEMPORARY DITCH CHECK

<u>LOCATION</u>	<u>REMARK</u>	<u>EACH</u>
US 20 EB		
FALCONER RD. (South)		1.0
FALCONER RD. (North)		1.0
STA. 496+00	X-Over	1.0
STA. 503+17	Median	1.0
STA. 541+27	Box Culvert	4.0
STA. EQ. STA 555+42 = STA 556+45		
STA. 562+20	Median	1.0
STA. 566+87	Box Culvert	2.0
STA. 582+85		1.0
STA. 628+34	Pier	1.0
SE MERIDIAN Ramp		1.0
NE MERIDIAN Ramp		1.0
US 20 WB		
STA. 495+80	PE	1.0
STA. 503+17		1.0
STA. 541+27	Box Culvert	2.0
STA. 566+99	Box Culvert	2.0
STA. 576+50		1.0
STA. 613+10		1.0
STA. 628+57		1.0
US BUS 20 WB		
STA. 549+54		1.0
STA. 550+92		1.0
TOTAL		26.0

SCHEDULE OF QUANTITIES

FAP 301 (US 20)
Section (1-1, 1) RS-1
Winnebago County
Contract No. 64B73
Sheet 40 of 60

28000500 INLET AND PIPE PROTECTION

<u>LOCATION</u>	<u>REMARK</u>	<u>EACH</u>
US 20 EB		
STA. 547+80		1.0
STA. EQ. STA 555+42 = STA 556+45		
STA. 566+99	Median	1.0
STA. 576+50	Median	1.0
STA. 613+10	Median	1.0
STA. 622+07	Median	1.0
STA. 628+34	Median	1.0
STA. 630+29	Median	1.0
US BUS 20 WB		
STA. 550+92	Median	1.0
TOTAL		8.0

40600535 LEVEL BINDER (HAND METHOD), N70

<u>LOCATION</u>	<u>TON</u>
US 20 EB	27.7
US 20 WB	25.8
STATE ST EB	7.8
STATE ST WB	4.4
TOTAL	65.8

40600990 TEMPORARY RAMP

<u>LOCATION</u>	<u>REMARK</u>	<u>SQ YD</u>
US 20 EB		
STA. 494+09	Butt Joint	18.5
STA. 643+68	Butt Joint 2X	80.0
US BUS 20 EB		
STA. 556+60	Butt Joint	24.1
US 20 WB		
STA. 494+09	Butt Joint	18.5
STA. 544+76	Butt Joint	32.4
STA. 556+18	Butt Joint	18.5
STA. 643+68	Butt Joint 2X	83.3
US BUS 20 WB		
STA. 556+60	Butt Joint	18.5
SW MERIDIAN Ramp	Butt Joint	142.0
SE MERIDIAN Ramp	Butt Joint	131.0
NW MERIDIAN Ramp	Butt Joint	131.0
NE MERIDIAN Ramp	Butt Joint	142.0
FALCONER RD. (South)	Butt Joint	18.1
FALCONER RD. (North)	Butt Joint	17.6
TOTAL		875.5

SCHEDULE OF QUANTITIES

FAP 301 (US 20)
Section (1-1, 1) RS-1
Winnebago County
Contract No. 64B73
Sheet 41 of 60

44004250 PAVED SHOULDER REMOVAL

<u>REMARK</u>	<u>SQ YD</u>
CONTINGENCY ITEM	
10% of total shoulder area for possible replacement	2551
Replace with 4066915 Level Binder (Machine Method)	
See also Bituminous Schedule (500 tons allotted)	
(Existing shoulder approximately 3.5 inches thick.)	
TOTAL	2551

70300100 SHORT TERM PAVEMENT MARKING

<u>LOCATION</u>	<u>FOOT</u>
US 20 EB	
STA. 494+09 - 555+42	1717.2
STA. EQ. STA 555+42 = STA 556+45	
STA. 556+45 - 559+30	79.8
STA. 559+30 - 561+00 grinding	78.2
STA. 561+00 - 627+03	1848.8
STA. 627+03 - 628+73 grinding	78.2
STA. 628+73 - 637+75	252.6
STA. 637+75 - 643+68 grinding	272.8
US BUS 20 EB	
STA. 535+50 - 545+91	291.5
STA. 545+91 - 548+22 grinding	106.3
STA. 548+22 - 556+60	385.5
US 20 WB	
STA. 494+09 - 544+31	1406.2
STA. 544+31 - 556+18 OMISSION	
STA. 556+18 - 559+22	81.5
STA. 559+22 - 560+92 grinding	78.2
STA. 560+92 - 626+90	1847.4
STA. 626+90 - 628+60 grinding	78.2
STA. 628+60 - 637+75	256.2
STA. 637+75 - 642+78 grinding	231.4
US BUS 20 WB	
STA. 544+31 - 556+60	344.1
SW MERIDIAN Ramp	210.6
SE MERIDIAN Ramp	116.3
NW MERIDIAN Ramp	108.0
NE MERIDIAN Ramp	162.6
TOTAL	10031.5

SCHEDULE OF QUANTITIES

FAP 301 (US 20)
Section (1-1, 1) RS-1
Winnebago County
Contract No. 64B73
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70301000 WORK ZONE PAVEMENT MARKING REMOVAL

<u>LOCATION</u>		<u>SQ FT</u>
US 20 EB		
STA. 494+09 - 555+42		368.0
STA. EQ. STA 555+42 = STA 556+45		
STA. 556+45 - 559+30		17.1
STA. 559+30 - 561+00	grinding	10.2
STA. 561+00 - 627+03		396.2
STA. 627+03 - 628+73	grinding	10.2
STA. 628+73 - 637+75		54.1
STA. 637+75 - 643+68	grinding	35.6
US BUS 20 EB		
STA. 535+50 - 545+91		62.5
STA. 545+91 - 548+22	grinding	13.9
STA. 548+22 - 556+60		50.3
US 20 WB		
STA. 494+09 - 544+31		301.3
STA. 544+31 - 556+18	OMISSION	
STA. 556+18 - 559+22		18.2
STA. 559+22 - 560+92	grinding	10.2
STA. 560+92 - 626+90		395.9
STA. 626+90 - 628+60	grinding	10.2
STA. 628+60 - 637+75		54.9
STA. 637+75 - 642+78	grinding	30.2
US BUS 20 WB		
STA. 544+31 - 556+60		73.7
SW MERIDIAN Ramp		42.3
SE MERIDIAN Ramp		26.6
NW MERIDIAN Ramp		25.2
NE MERIDIAN Ramp		34.3
TOTAL		2041.0

78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

<u>LOCATION</u>	<u>REMARK</u>	<u>SQ FT</u>
US 20 EB		
STA. 501+37	RT turn arrow	15.6
STA. 502+41	RT turn arrow	15.6
US BUS 20 EB		
STA. 554+53	LT turn arrow	15.6
STA. 555+72	LT turn arrow	15.6
US 20 WB		
STA. 503+53	RT turn arrow	15.6
STA. 504+25	RT turn arrow	15.6
TOTAL		93.6

SCHEDULE OF QUANTITIES

FAP 301 (US 20)
 Section (1-1, 1) RS-1
 Winnebago County
 Contract No. 64B73
 Sheet 43 of 60

78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4 INCH

<u>LOCATION</u>	<u>REMARK</u>	<u>FOOT</u>
US 20 EB		
STA. 494+09 - 502+55	RT EDGE (White)	846
STA. 494+09 - 515+00	LT EDGE (Yellow)	2091
STA. 503+47 - 555+42	RT EDGE (White)	5195
STA. 534+70 - 555+42	LT EDGE (Yellow)	2072
STA. EQ. STA 555+42 = STA 556+45		
STA 556+45 - 643+68	RT EDGE (White)	8723
STA 556+45 - 643+68	LT EDGE (Yellow)	8723
US BUS 20 EB		
STA. 515+00 - 556+60	LT EDGE (Yellow)	4160
STA. 534+70 - 556+60	RT EDGE (White)	2190
US 20 WB		
STA. 494+09 - 502+56	LT EDGE (White)	847
STA. 494+09 - 544+31	RT EDGE (Yellow)	5022
STA. 503+38 - 526+72	LT EDGE (White)	2334
STA. 543+81 - 544+31	LT EDGE (White)	50
STA. 544+31 - 556+18	OMISSION	
STA. 556+18 - 643+68	LT EDGE (White)	8705
STA. 556+63 - 643+68	RT EDGE (Yellow)	8714
US BUS 20 WB		
STA. 526+72 - 556+60	LT EDGE (White)	2988
STA. 543+81 - 556+60	RT EDGE (Yellow)	1279
SW MERIDIAN Ramp	1586' white & yellow	3172
SE MERIDIAN Ramp	997' white & yellow	1994
NW MERIDIAN Ramp	945' white & yellow	1890
NE MERIDIAN Ramp	1286' white & yellow	2572
FALCONER RD.	24' double yellow	48
TOTAL		73615

SCHEDULE OF QUANTITIES

FAP 301 (US 20)
Section (1-1, 1) RS-1
Winnebago County
Contract No. 64B73
Sheet 44 of 60

78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 8 INCH

<u>LOCATION</u>	<u>REMARK</u>	<u>FOOT</u>
US 20 EB		
STA. 501+15 - 502+55	RT turn lane	140
STA. 520+77 - 529+80 White	Flush median	903
STA. 616+32 - 619+17	MERIDIAN on-ramp	570
STA. 635+52 - 637+82	MERIDIAN off-ramp	460
US BUS 20 EB		
STA. 554+37 - 556+27	LT turn lane	190
STA. 520+77 - 536+94 White	Flush median	1617
US 20 WB		
STA. 503+38 - 504+43	RT turn lane	105
STA. 533+70 - 543+81 White	Flush median	1011
STA. 614+12 - 618+20	MERIDIAN off-ramp	816
STA. 637+14 - 641+32	MERIDIAN on-ramp	836
US BUS 20 WB		
STA. 543+81 - 549+81 Yellow	Flush median	1200
STA. 533+70 - 543+81 White	Flush median	1011
SW Meridian Ramp White	around Island	53
NE Meridian Ramp White	around Island	53
TOTAL		8965

78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12 INCH

<u>LOCATION</u>	<u>REMARK</u>	<u>FOOT</u>
US 20 EB		
STA. 616+32 - 619+17	MERIDIAN on-ramp	105
STA. 635+52 - 637+82	MERIDIAN off-ramp	87
US 20 WB		
STA. 533+12 - 543+81 White	Flush median chevrons	290
STA. 614+12 - 618+20	MERIDIAN off-ramp	146
STA. 637+14 - 641+32	MERIDIAN on-ramp	150
US BUS 20 EB		
STA. 520+77 - 529+80 White	Flush median chevrons	196
STA. 529+80 - 536+94 White	Flush median diagonals	205
US BUS 20 WB		
STA. 543+81 - 549+81 Yellow	Flush median diagonals	117
TOTAL		1296

SCHEDULE OF QUANTITIES

FAP 301 (US 20)
Section (1-1, 1) RS-1
Winnebago County
Contract No. 64B73
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78000620 THERMOPLASTIC PAVEMENT MARKING - LINE 18 INCH

<u>LOCATION</u>	<u>REMARK</u>	<u>FOOT</u>
US 20 EB		
STA. 591+94	Aerial Speed Checks	12
STA. 598+54	(exactly 660' O.C.)	12
STA. 605+14		12
US 20 WB		
STA. 571+67	Aerial Speed Checks	12
STA. 578+27	(exactly 660' O.C.)	12
STA. 584+87		12
	TOTAL	72

78003130 PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6 INCH

<u>LOCATION</u>	<u>REMARK</u>	<u>FOOT</u>
US 20 EB		
STA. 494+09 - 555+42	Skip dash (White)	1533
STA. EQ. STA 555+42 = STA 556+45		
STA. 556+45 - 643+68	Skip dash (White)	2181
US BUS 20 EB		
STA. 515+00 - 556+60	Skip dash (White)	1040
US 20 WB		
STA. 494+09 - 544+31	Skip dash (White)	1256
STA. 544+31 - 556+18	OMISSION	
STA. 556+18 - 643+68	Skip dash (White)	2188
US BUS 20 WB		
STA. 549+32 - 556+60	Skip dash (White)	182
	TOTAL	8379

SCHEDULE OF QUANTITIES

FAP 301 (US 20)
Section (1-1, 1) RS-1
Winnebago County
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Sheet 46 of 60

78100100 RAISED REFLECTIVE PAVEMENT MARKERS

<u>LOCATION</u>	<u>REMARK</u>	<u>EACH</u>
US 20 EB		
STA. 494+09 - 555+42	Centerline - 80' O.C.	77
STA. 501+15 - 502+55	RT turn lane - 40' O.C.	4
STA. 524+50 - 534+70	Gore area - 40' O.C.	53
STA. EQ. STA 555+42 = STA 556+45		
STA. 556+45 - 643+68	Centerline - 80' O.C.	109
STA. 614+97 - 619+17	Ramp edge line - 20' O.C.	22
STA. 616+32 - 619+17	Gore area - 40' O.C.	16
STA. 635+52 - 637+82	Gore area - 40' O.C.	14
STA. 635+52 - 641+43	Ramp edge line - 20' O.C.	31
US BUS 20 EB		
STA. 515+00 - 556+60	Centerline - 80' O.C.	53
STA. 554+37 - 556+60	LT turn lane - 40' O.C.	7
US 20 WB		
STA. 494+09 - 544+26	Centerline - 80' O.C.	64
STA. 503+38 - 504+43	RT turn lane - 40' O.C.	105
STA. 537+37 - 543+81	Gore area - 40' O.C.	34
STA. 556+00 - 643+68	Centerline - 80' O.C.	111
STA. 610+08 - 618+20	Ramp edge line - 20' O.C.	42
STA. 614+12 - 618+20	Gore area - 40' O.C.	22
STA. 637+14 - 641+32	Gore area - 40' O.C.	23
STA. 637+14 - 643+68	Ramp edge line - 20' O.C.	31
US BUS 20 WB		
STA. 549+32 - 556+60	Centerline - 80' O.C.	10
TOTAL		826

SCHEDULE OF QUANTITIES

FAP 301 (US 20)
Section (1-1, 1) RS-1
Winnebago County
Contract No. 64B73
Sheet 47 of 60

78300100 PAVEMENT MARKING REMOVAL

<u>LOCATION</u>	<u>REMARK</u>	<u>SQ FT</u>
US 20 WB STA. 533+12- 543+81 LT.	8" White edge line	716
US BUS 20 WB STA. 533+12- 543+81 LT.	8" White edge line	716
STA. 543+81- 549+32 LT.	8" Yellow edge lines	738
STA. 533+12- 543+81 LT.	12" White chevrons	290
STA. 543+81- 549+32 LT.	12" Yellow chevrons	117
TOTAL		2578

78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

<u>LOCATION</u>	<u>EACH</u>
US 20 EB	153
US 20 WB	104
STATE ST EB	12
STATE ST WB	10
TOTAL	279

Z0028415 GEOTECHNICAL REINFORCEMENT

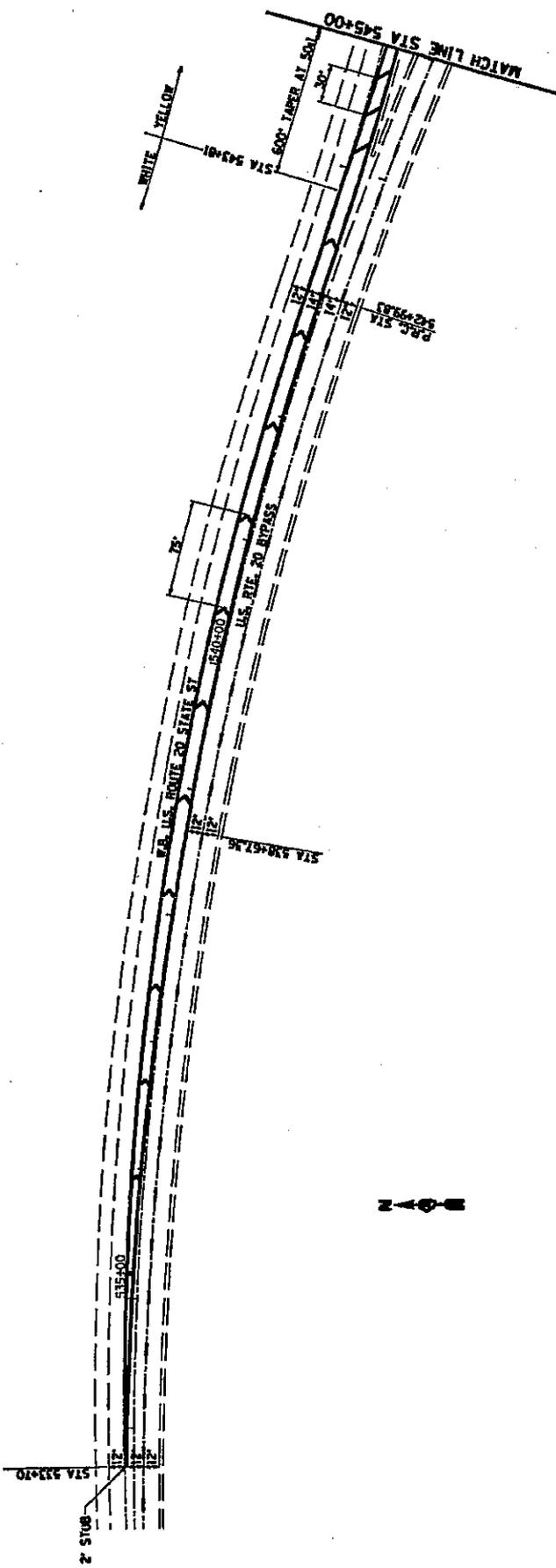
<u>LOCATION</u>	<u>SQ YD</u>
(Contingency for total patching quantity)	1939
TOTAL	1939

Z0028700 GRANULAR SUBGRADE REPLACEMENT

<u>LOCATION</u>	<u>CU YD</u>
(Contingency for total patching quantity) QTY calculated at 6" thick	323
TOTAL	323

FAP 381105281
SECTION 11-1.11RS-1
WINNEBAGO COUNTY
CONTRACT 64873
SHEET 48 OF 68

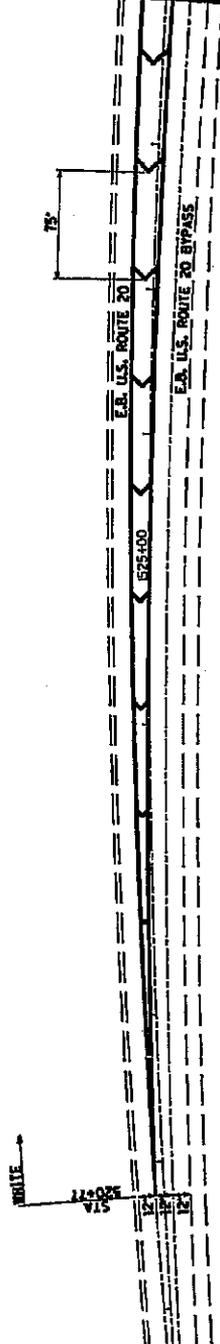
PROPOSED STRIPING PLAN
WESTBOUND U.S. ROUTE 20
AT
WALDEN ROAD



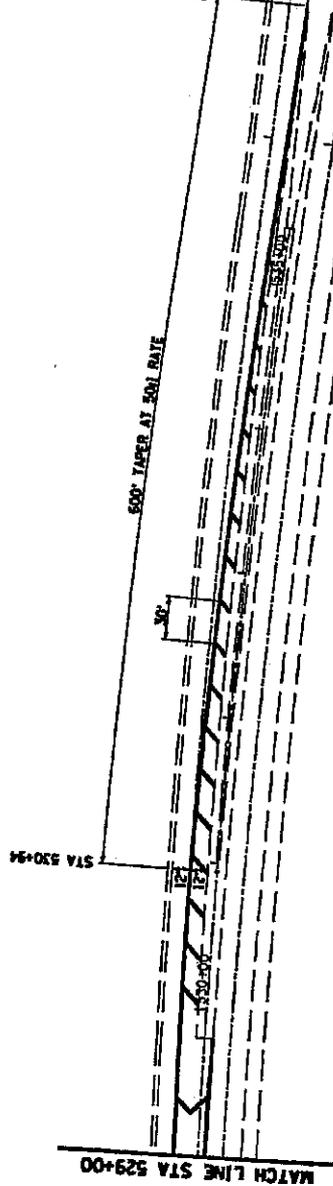
FAP 301105281
SECTION 11.1.1.1RS-1
WILMINGTON COUNTY
CONTRACT 64873
SHEET 58 OF 68

PROPOSED STRIPING PLAN
EASTBOUND U.S. ROUTE 20
AT
WELDON ROAD

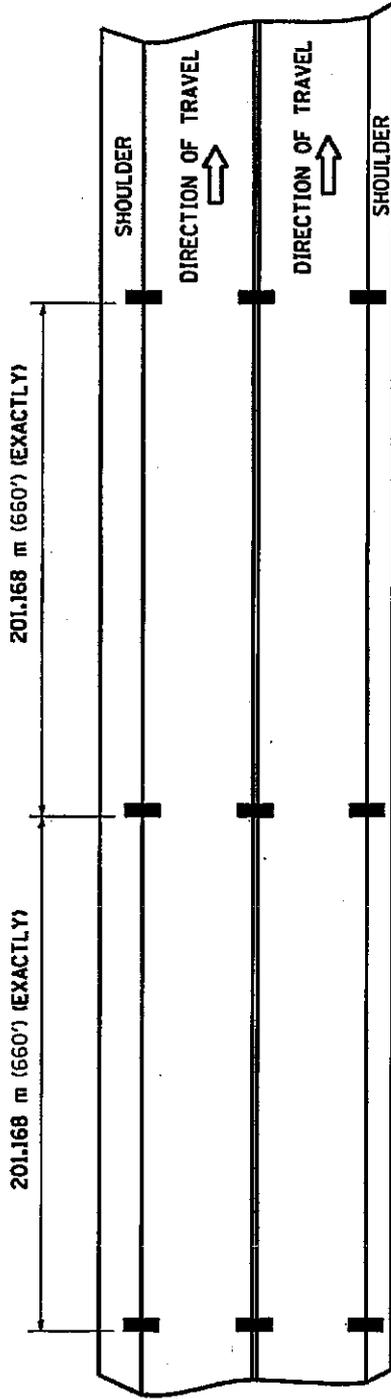
MATCH LINE STA 529+00



MATCH LINE STA 529+00



AERIAL SPEED CHECK ZONES



ALWAYS USE PREFORMED
THERMOPLASTIC PAVEMENT MARKINGS

PAVEMENT MARKING DETAIL



POLICE AERIAL SPEED CHECK ZONES

ESTABLISHED ZONES AND NEW ZONES REQUESTED BY THE ILLINOIS STATE POLICE SHALL BE MARKED CONSISTENT WITH THE REQUIREMENTS OF SECTION 38-23 OF THE MUTCD. WHEN NEW ZONES ARE PLACED IT WILL BE NECESSARY TO HAVE A REPRESENTATIVE OF THE STATE POLICE PRESENT SO THAT THE ACCURACY OF THE MEASUREMENT CAN BE ATTESTED TO IN COURT.

ILLINOIS STATE POLICE

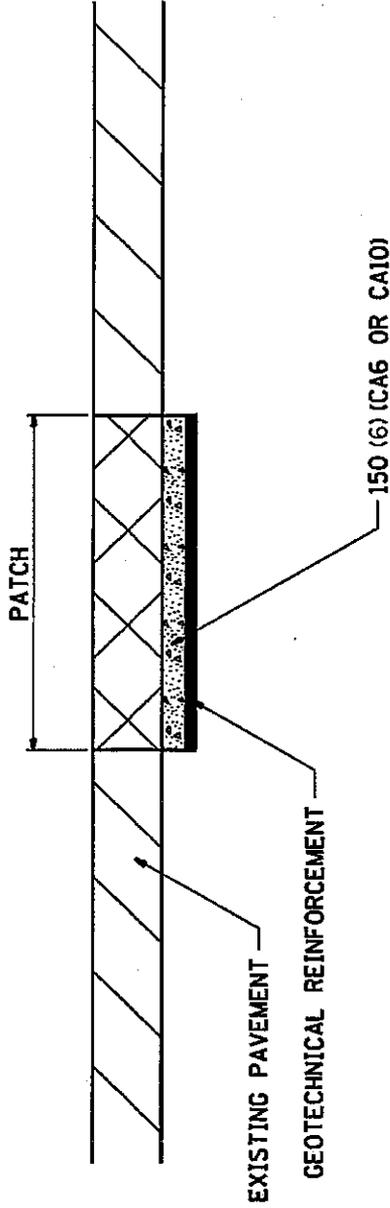
DISTRICT 1 STERLING 815/632-4010 CARROLL, LEE, OGLE, WHITESIDE
DISTRICT 7 EAST MOLINE 309/752-4915 HENRY, ROCK ISLAND
DISTRICT 16 PECATONICA 815/239-1152 BOONE, JO DAVIESS, STEPHENSON, WINNEBAGO

REVISED - 11-01-07	F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED - ---	301	11-1-1185-1	WISCONSIN	60	51
REVISED - ---	SCALE: 1:600		STATION	CONTRACT NO. 69873	
REVISED - ---	SHEET NO. OF --- SHEETS		TO STA. -----	ILLINOIS FED. AID PROJECT	

PLOT DATE = Fri Jan 25 08:03:39 2008

AERIAL SPEED CHECK ZONES 46.4

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 GEOTECHNICAL REINFORCEMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SO YD FOR GEOTECHNICAL REINFORCEMENT
 ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED - 11-01-07	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
REVISED - ---	301	11-1-11RS-1	WISCONSIN	60
REVISED - ---				52
REVISED - ---	SCALE: 1/8"=1'-0"		CONTRACT NO. 64873	
PLOT DATE = Fri Jan 25 09:03:51 2008		FED. ROAD DIST. NO. 111		ILLINOIS FED. AID PROJECT
SHEET NO. --- OF --- SHEETS		STA. ----- TO STA. -----		

REGION 2 / DISTRICT 2 STANDARD

SUBGRADE REPLACEMENT 97.4

ROUGH GROOVED SURFACE SIGN

ILLINOIS STANDARD W8-I107
SIGN PANEL TYPE 1



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

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. 720011.

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

ALL DIMENSIONS ARE IN MILL(METERS (INCHES) UNLESS OTHERWISE NOTED.

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

ALL DIMENSIONS IN INCHES.

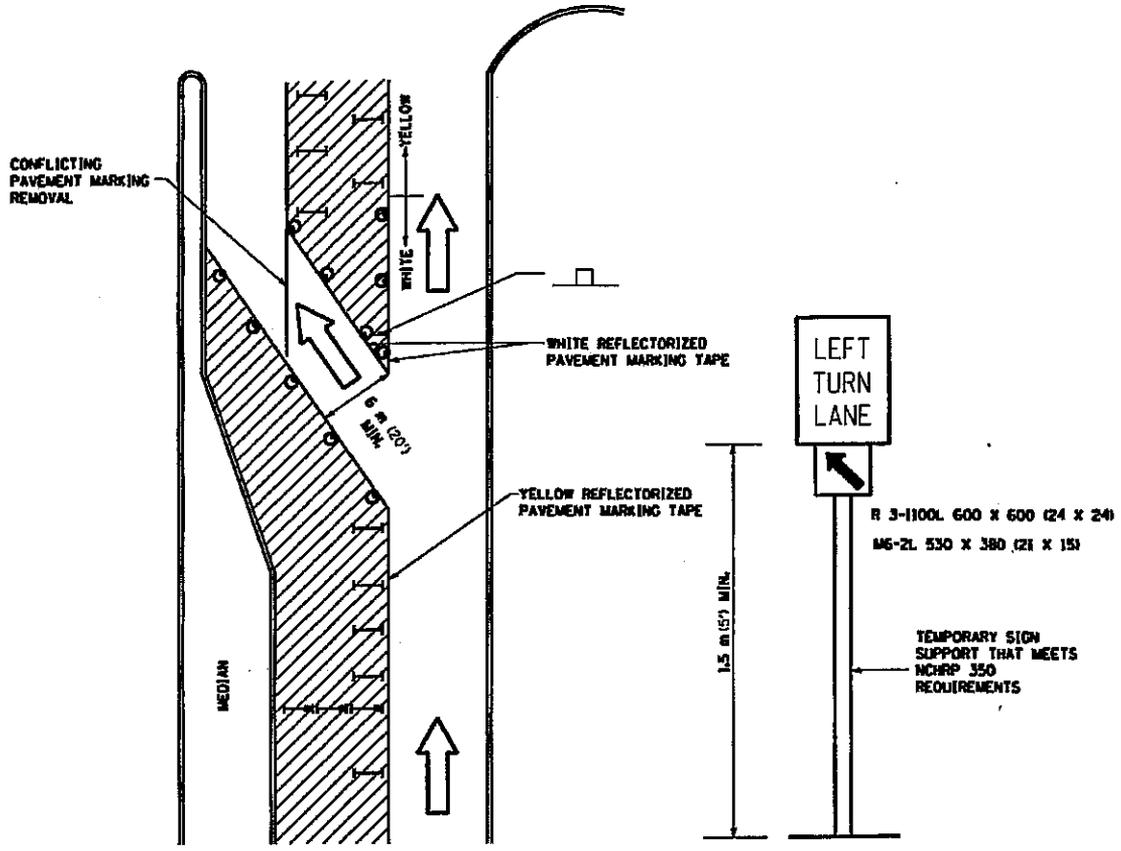
REVISED - 1-27-00	REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED - ---		301	11-1-105-1	WOODRIDGE	60	93
REVISED - ---		SCALE: 3/32" = 1" SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. (ILLINOIS) FED. AID PROJECT CONTRACT NO. 6-2013			
REVISED - ---						

PLOT DATE • Fri Jan 25 09:03:17 2008

ROUGH GROOVED SURFACE SIGN

91.2

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

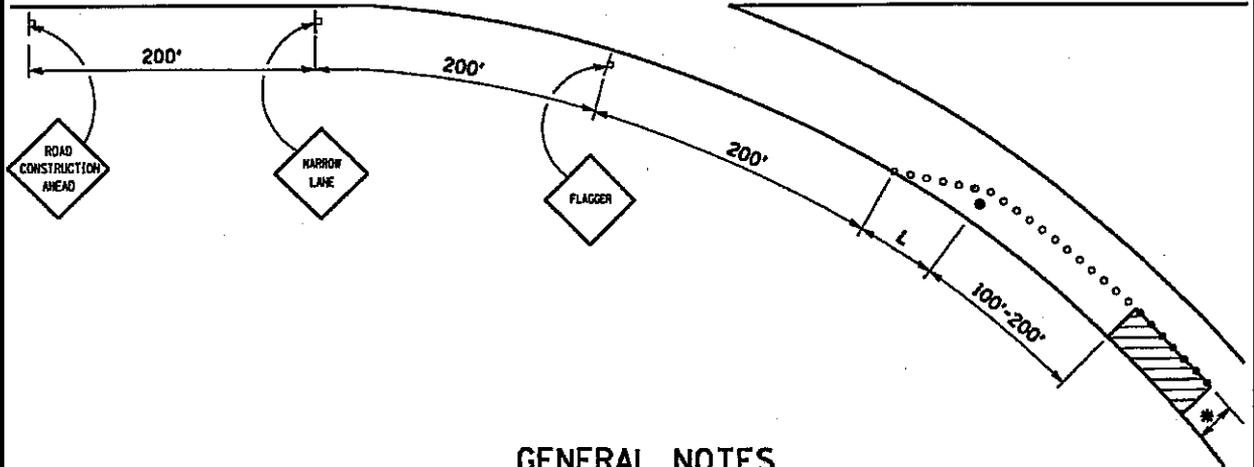
REVISED - 10-15-04

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 LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-1100 600 x 600 (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.

REVISED - 1-27-00	REGION 2 / DISTRICT 2 STANDARD	F.A.P. R.T.C.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED - ---		301	(1:1,185:1)	Woodhull	60	54
REVISED - ---	SCALE: 2:058.1:1	SHEET NO. ___ OF ___ SHEETS		STA. _____ TO STA. _____		CONTRACT NO. 64873
REVISED - ---	FED. ROAD DIST. NO. (ILLINOIS) FED. AID PROJECT					

TRAFFIC CONTROL AND PROTECTION FOR RAMPS



GENERAL NOTES

CONES AT 8 m (25') CENTERS FOR 105 m (350'). ADDITIONAL CONES MAY BE PLACED AT 15 m (50') CENTERS. WHEN DRUMS OR BARRICADES ARE USED, THE INTERVAL DEVICES MAY BE DOUBLED.

* WIDTH OF CLOSURE SHOWN ON RAMP PATCHING SCHEDULE OR AS DIRECTED BY ENGINEER.

L= CLOSURE WIDTH+TAPER RATIO IS SPEED LIMIT/1 (POSTED OR ADVISORY)

ANY VISIBLE REPAIRS REQUIRED ON THE SHOULDER BECAUSE OF TRAFFIC SHALL BE PROVIDED AT THE CONTRACTORS EXPENSE. THE ENGINEER SHALL BE THE SOLE JUDGE FOR ANY SHOULDER REPAIRS.

THE RAMP SHALL BE COMPLETELY OPEN TO TRAFFIC BY NIGHTFALL.

TRAFFIC CONTROL AND PROTECTION FOR RAMPS SHALL BE INCLUDED IN THE COST OF STANDARD 701406 OR 701401

SYMBOLS



WORK AREA



SIGN



BARRICADE OR DRUM



CONE, DRUM OR BARRICADE



FLAGGER WITH TRAFFIC CONTROL SIGN

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

REVISED - 12-15-04	REGION 2 / DISTRICT 2 STANDARD			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED - ---				301	(1:1.1RS:1)	WOODRIDGE	60	59
REVISED - ---						CONTRACT NO. 69973		
REVISED - ---	SCALE: 2:250 L.C.J.B.	SHEET NO. ___ OF ___ SHEETS	STA. _____ TO STA. _____	FED. ROAD DIST. NO. _____ (ILLINOIS) FED. AID PROJECT				

PLOT DATE = Fri Jan 25 08:03:28 2008

TRAFFIC CONTROL AND PROTECTION FOR RAMPS

95.2

STORM WATER POLLUTION PREVENTION PLAN EROSION CONTROL PLAN

THE FOLLOWING PLAN WAS ESTABLISHED AND INCLUDED IN THESE PLANS TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE UNDER NPDES.

THE PURPOSE OF THIS PLAN IS TO MINIMIZE SILTATION WITHIN THE CONSTRUCTION ZONE AND TO ELIMINATE SEDIMENTS FROM ENTERING AND LEAVING THE CONSTRUCTION ZONE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.

CERTAIN ITEMS, AS SHOWN IN THIS PLAN AND REFERENCED BY THE LEGEND, SHALL BE PLACED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE PLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE BY CASE SITUATION RESULTING FROM THE CONTRACTOR'S SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITIONS.

THE CONTRACTOR SHALL PLACE PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A REASONABLE AMOUNT OF TIME; THEREFORE, REDUCING THE AMOUNT OF AREA BEING OPEN TO THE POSSIBILITY OF EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING. THE RESIDENT ENGINEER WILL DETERMINE IF TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED, THE SIZE OF THE PROPOSED DITCH CHECKS, THE PROPER METHOD OF INSTALLATION, AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS SHALL BE ADDED WHICH ARE NOT INCLUDED IN THE PLANS. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN STANDARD 280001 OF THE PLANS.

SITE DESCRIPTION
DESCRIPTION OF CONSTRUCTION ACTIVITY:

THIS PROJECT CONSISTS OF PATCHING, PAVING AND A TOPSOIL WEDGE AT THE EDGE OF SHOULDER.

DESCRIPTION OF INTENDED SEQUENCE OF ACTIVITIES:
THE SEQUENCE OF EVENTS ARE AS FOLLOWS: PATCHING, PAVING, TOPSOIL WEDGE.
THIS PROJECT WILL BE CONSTRUCTED IN SEGMENTS AS SHOWN IN THE "STAGING PLANS".

TOTAL CONSTRUCTION SITE (CONSTRUCTION LIMIT TO CONSTRUCTION LIMIT) 32.6 ACRES
PROPOSED R.O.W (TOTAL PARCEL AREA) 0 ACRES
DISTURBED BY EXCAVATION (E.O.P TO CONSTRUCTION LIMIT) 4.89 ACRES

SUPPORTING REPORTS AND PLANS
THE FOLLOWING ASSISTED IN DEVELOPING THE EROSION CONTROL PLAN AS REFERENCED DOCUMENTS:

- SOIL PROFILE SHEETS, SOILS REPORTS, BORING LOGS
- USGS DRAINAGE MAPS, PROJECT PLAN DOCUMENTS
- DRAINAGE TRIBUTARIES RECEIVING WATER FROM CONSTRUCTION SITE

ROCK RIVER

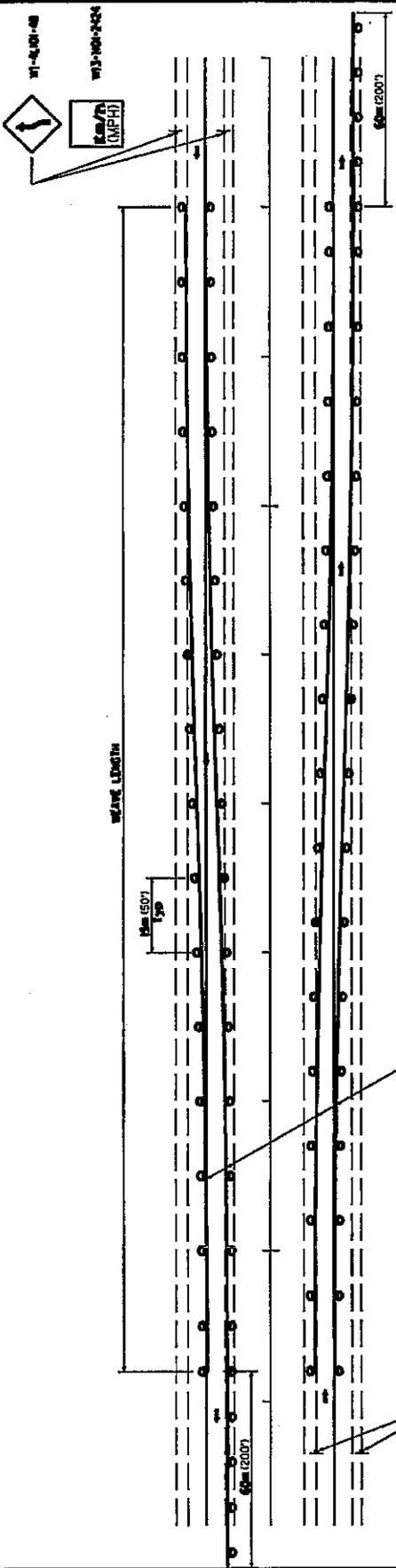
EROSION CONTROLS AND SEDIMENT CONTROL PROCEDURES
STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION
PERIMETER EROSION CONTROL SHALL BE PLACED PRIOR TO BEGINNING EARTHWORK.

STABILIZATION PRACTICES DURING CONSTRUCTION
AS EARTH EXCAVATION AND EMBANKMENT ARE BEING COMPLETED THE CONTRACTOR SHALL PLACE DITCH CHECKS, INLET AND PIPE PROTECTION, EROSION CONTROL BLANKET, AND SEEDING AS STAGES OF THE PROJECT ARE COMPLETED. PERIMETER EROSION BARRIER WILL BE INSTALLED AT ADDITIONAL LOCATIONS AS THE PROJECT PROGRESSES. SEEDING SHALL BE COMPLETED AS SPECIFIED IN THE EROSION CONTROL/SEEDING MOBILIZATION AND TEMPORARY SEEDING SPECIAL PROVISION.

MAINTENANCE AFTER FINAL GRADING
TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS SEEDING AND ESTABLISHED WITH THE PROPER STAND. ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP AND DISTURBED TURF RESEEDED.

JOB NO. 08-00000000000000000000 PROJECT NO. 08-00000000000000000000 SHEET NO. 08-00000000000000000000 DATE: 08/25/2008 8:34:58 AM	REGION 2 / DISTRICT 2 STANDARD SECTION 28.01.01.01 SUBSECTION 28.01.01.01	COUNTY: ILLINOIS DISTRICT: 2 PROJECT: 08-00000000000000000000 SHEET: 08-00000000000000000000
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TRAFFIC CONTROL TYPICAL WEAVE



LEGEND

- SIGN WITH STEADY BURN ROAD-SECTIONAL LIMITS
- ⊥ SIGN ON PAVEMENT

STANDARD WEAVE CONDITIONS FOR DIFFERENT SPEED LIMITS

POSTED SPEED LIMIT	ADVISORY SPEED LIMIT	WEAVE LENGTH
110 MPH (85 MPH)	80 MPH (45 MPH)	240m (780 FT.)
90 MPH (65 MPH)	60 MPH (35 MPH)	200m (650 FT.)
70 MPH (45 MPH)	40 MPH (25 MPH)	160m (520 FT.)

DESIGNER NOTES

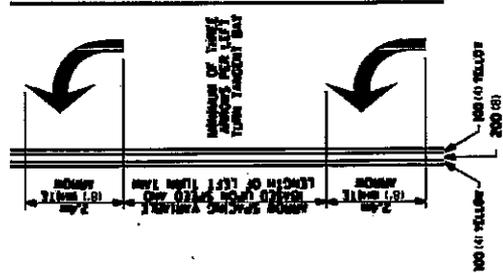
1. USE ON LONG 4-LANE PROJECTS WHERE THE CONTRACTOR MAY CHANGE A PORTION OF THE WORK TO THE OPPOSITE LANE.
2. USE WHERE THE PROJECT IS ADJACENT TO ANOTHER AND THE CONTRACTOR COULD BE WORKING ON DIFFERENT LANES.
3. TEMPORARY PAVEMENT MARKING SHALL BE USED WHERE TYPICAL WEAVE IS USED FOR 14 DAYS OR MORE.
4. TRAFFIC CONTROL TYPICAL WEAVE SHALL BE INCLUDED IN THE COST OF THE SPECIFIC TRAFFIC CONTROL STANDARDS OF 11000.

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

DATE: 1/25/2008	PROJECT: STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SECTION: REGION 2 / DISTRICT 2 STANDARD	SCALE: 1:1	39.1
DESIGNED BY: []	CHECKED BY: []	DATE: []	BY: []	
PROJECT NO: []	SECTION NO: []	DATE: []	BY: []	
PROJECT NAME: []	SECTION NAME: []	DATE: []	BY: []	

TYPICAL PAVEMENT MARKINGS

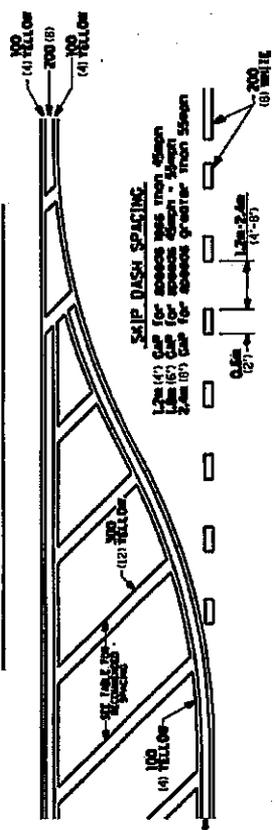
ARROW LAYOUT



- ◀ ONE-WAY MARKER
- ◀ ONE-WAY MARKER
- ◀ ONE-WAY MARKER

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

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN

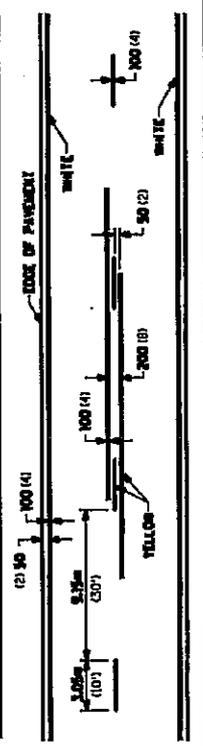


RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

Speed Limit Range	Continuous Median Width	Intersection Characterization	Objects (ft/Sec)
Less than 50km/h (30mph)	15.2m (50')	4.3m (15')	3.05m (10')
50-60km/h (30-40mph)	22.9m (75')	6.1m (20')	4.53m (15')
70km/h (45mph) & over	22.9m (75')	9.05m (30')	6.1m (20')

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

TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION - NO PASSING ZONES



SYMBOLS

- REDUCE TO 15 MPH (25 KPH) ON CURVES WHERE ADVISORY SPEEDS ARE 15 MPH (25 KPH) LOWER THAN POSTED SPEEDS.
- ** USE DOUBLE MARKERS WHEN ANY 2 75000

MULTI-LANE / UNDIVIDED

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	SECTION 01.10.01	COUNTY JACKSON
PROJECT NO. 11-11-01	SCALE: 1/4" = 1'-0"	DATE 08/20/08	PROJECT 11-11-01
DESIGNED BY 11-11-01	CHECKED BY 11-11-01	APPROVED BY 11-11-01	DATE 08/20/08

ILLINOIS DEPARTMENT OF LABOR

PREVAILING WAGES FOR WINNEBAGO COUNTY EFFECTIVE APRIL 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.

Winnebago County Prevailing Wage for April 2008

Trade Name	RG	TYP	C	Base	FRMAN	*M-F>8	OSA	OSH	H/W	Pensn	Vac	Trng
=====	==	==	=	=====	=====	=====	==	==	=====	=====	=====	=====
ASBESTOS ABT-GEN		BLD		25.190	26.190	1.5	1.5	2.0	6.540	9.510	0.000	0.600
ASBESTOS ABT-MEC		BLD		18.950	0.000	1.5	1.5	2.0	2.700	3.350	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		31.000	33.500	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		40.430	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		BLD		25.190	26.190	1.5	1.5	2.0	6.540	9.510	0.000	0.600
LABORER		HWY		24.340	25.090	1.5	1.5	2.0	6.540	9.510	0.000	0.600
LABORER, SKILLED		HWY		25.890	26.640	1.5	1.5	2.0	6.540	9.510	0.000	0.600
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		21.550	0.000	1.5	1.5	2.0	7.460	4.840	0.000	0.170
MATERIALS TESTER II		ALL		26.550	0.000	1.5	1.5	2.0	7.460	4.840	0.000	0.170
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		30.150	31.150	1.5	1.5	1.5	6.400	6.500	0.000	0.500
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		31.000	33.500	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		31.000	33.500	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

WINNEBAGO 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.

COMMUNICATIONS TECHNICIAN

Installing, manufacturing, assembling and maintaining sound and intercom, protection alarm (security), fire alarm, master antenna television, closed circuit television, low voltage control for computers and/or door monitoring, school communications systems, telephones and servicing of nurse and emergency calls, and the installation and maintenance of transmit and receive antennas,

transmitters, receivers, and associated apparatus which operates in conjunction with above systems. All work associated with these system installations will be included EXCEPT the installation of protective metallic conduit in new construction projects (excluding less than ten-foot, runs strictly for protection of cable) and 120 volt AC (or higher) power wiring and associated hardware.

LABORER, SKILLED - HIGHWAY

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

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

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

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION

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; TTeamsters 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.

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.