

RETURN WITH BID

State of _____)
) ss.
County of _____)

AFFIDAVIT

_____, of _____,
(name of affiant) *(bidder)*

being first duly sworn upon oath, states as follows:

1. That I am the _____ of _____
(Officer or position) *(Bidder)*
and have personal knowledge of the facts herein stated.

2. That, if selected under this bid proposal, _____ will
(Bidder)
maintain a business office in the State of Illinois which will be located in _____
County, Illinois.

3. That this business office will serve as the primary place of employment for any persons
employed in the construction contemplated by this bid proposal.

4. That this Affidavit is given as a requirement of state law as provided in Section 30-22(8) of
the Illinois Procurement Code.

(Signature)

(Printed name of Affiant)

This instrument was signed and attested before me on the _____ day of _____, 20 ____

by _____.
(Notary Public Name)

(Notary Public Signature)

(NOTARY SEAL)

BID PROPOSAL INSTRUCTIONS

ABOUT IDOT PROPOSALS: All proposals are potential bidding proposals. Each proposal contains all certifications and affidavits, a proposal signature sheet and a proposal bid bond.

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.

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.

REQUESTS FOR AUTHORIZATION TO BID

Contractors wanting to bid on items included in a particular letting must submit the properly completed "Request for Authorization to Bid/or Not For Bid Status" (BDE 124) and the ORIGINAL "Affidavit of Availability" (BC 57) to the proper office no later than 4:30 p.m. prevailing time, three (3) days prior to the letting date.

WHAT CONSTITUTES WRITTEN AUTHORIZATION TO BID?

When a prospective prime bidder submits a "Request for Authorization to Bid/or Not For Bid Status"(BDE 124) 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 an **Authorization to Bid or Not for Bid Report**, approved by the Central Bureau of Construction and the Chief Procurement Officer that indicates which items have been approved For Bidding. If **Authorization to Bid** cannot be approved, the **Authorization to Bid or Not for Bid Report** will indicate the reason for denial.

ABOUT AUTHORIZATION TO BID

Firms that have not received an Authorization to Bid or Not For Bid Report within a reasonable time of complete and correct original document submittal should contact the Department as to the status. 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 bidder'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 or revision will be included with the Electronic Plans and Proposals. 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 service emails are an added courtesy the Department provides. It is suggested that bidders check IDOT's website at <http://www.dot.il.gov/desenv/delett.html> before submitting final bid information.

IDOT IS NOT RESPONSIBLE FOR ANY E-MAIL FAILURES.

Addenda questions may be directed to the Contracts Office at (217)782-7806 or DOT.D&Econtracts@illinois.gov

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

STANDARD GUIDELINES FOR SUBMITTING BIDS

- All pages should be single sided.
- Use the Cover Page that is provided in the Bid Proposal (posted on the IDOT Web Site) as the first page of your submitted bid. It has the item number in large bold type in the upper left-hand corner and lines provided for your company name and address in the upper right-hand corner.
- Do not use report covers, presentation folders or special bindings and do not staple multiple times on left side like a book. Use only 1 staple in the upper left hand corner. Make sure all elements of your bid are stapled together including the bid bond or guaranty check (if required).
- Do not include any certificates of eligibility, your authorization to bid, Addendum Letters or affidavit of availability.
- Do not include the Subcontractor Documentation with your bid (pages i – iii and pages a – g). This documentation is required only if you are awarded the project.
- Use the envelope cover sheet (provided with the proposal) as the cover for the proposal envelope.
- Do not rely on overnight services to deliver your proposal prior to 10 AM on letting day. It will not be read if it is delivered after 10 AM.
- Do not submit your Substance Abuse Prevention Program (SAPP) with your bid. If you are awarded the contract this form is to be submitted to the district engineer at the pre-construction conference.

BID SUBMITTAL CHECKLIST

- Cover page** (the sheet that has the item number on it) – This should be the first page of your bid proposal, **followed by your bid (the Schedule of Prices/Pay Items)**. If you are using special software or CBID to generate your schedule of prices, do not include the blank pages of the schedule of prices that came with the proposal package.
- Page 4 (Item 9)** – Check “YES” if you will use a subcontractor(s) with an annual value over \$50,000. Include the subcontractor(s) name, address, general type of work to be performed and the dollar amount. If you will use subcontractor(s) but are uncertain who or the dollar amount; check “YES” but leave the lines blank.
- After page 4** – Insert the following documents: The **Illinois Office Affidavit** (Not applicable to federally funded projects) followed by Cost Adjustments for Steel, Bituminous and Fuel (if applicable) and the Contractor Letter of Assent (if applicable). The general rule should be, if you don’t know where it goes, put it after page 4.
- Page 10 (Paragraph J)** – Check “YES” or “NO” whether your company has any business in Iran.
- Page 10 (Paragraph K)** – (Not applicable to federally funded projects) List the name of the apprenticeship and training program sponsor holding the certificate of registration from the US Department of Labor. If no applicable program exists, please indicate the work/job category **Your bid will not be read if this is not completed.** Do not include certificates with your bid. Keep the certificates in your office in case they are requested by IDOT.
- Page 11 (Paragraph L)** – A copy of your State Board of Elections certificate of registration is no longer required with your bid.
- Page 11 (Paragraph M)** – Indicate if your company has hired a lobbyist in connection with the job for which you are submitting the bid proposal.
- Page 12 (Paragraph C)** – This is a work sheet to determine if a completed Form A is required. It is not part of the form and you do not need to make copies for each completed Form A.
- Pages 14-17 (Form A)** – One Form A (4 pages) is required for each applicable person in your company. Copies of the forms can be used and only need to be changed when the information changes. The certification signature and date must be original for each letting. **Do not staple the forms together.** If you answered “NO” to all of the questions in Paragraph C (page 12), complete the first section (page 14) with your company information and then sign and date the Not Applicable statement on page 17.
- Page 18 (Form B)** - If you check “YES” to having other current or pending contracts it is acceptable to use the phrase, “See Affidavit of Availability on file”. **Ownership Certification** (at the bottom of the page) - Check N/A if the Form A(s) you submitted accounts for 100 percent of the company ownership. Check YES if any percentage of ownership falls outside of the parameters that require reporting on the Form A. Checking NO indicates that the Form A(s) you submitted is not correct and you will be required to submit a revised Form A.
- Page 20 (Workforce Projection)** – Be sure to include the Duration of the Project. It is acceptable to use the phrase “Per Contract Specifications”.

Proposal Bid Bond – (Insert after the proposal signature page) Submit your proposal Proposal Bid Bond (if applicable) using the current Proposal Bid Bond form provided in the proposal package. The Power of Attorney page should be stapled to the Proposal Bid Bond. If you are using an electronic bond, include your bid bond number on the Proposal Bid Bond and attach the Proof of Insurance printed from the Surety’s Web Site.

Disadvantaged Business Utilization Plan and/or Good Faith Effort – The last items in your bid should be the DBE Utilization Plan (SBE 2026), followed by the DBE Participation Statement (SBE 2025) and supporting paperwork. If you have documentation of a Good Faith Effort, it is to follow the SBE Forms.

The Bid Letting is now available in streaming Audio/Video from the IDOT Web Site. A link to the stream will be placed on the main page of the current letting on the day of the Letting. The stream will not begin until 10 AM. The actual reading of the bids does not begin until approximately 10:30 AM.

Following the Letting, the As-Read Tabulation of Bids will be posted by the end of the day. You will find the link on the main Web page for the current letting.

QUESTIONS: pre-letting up to execution of the contract

Contractor pre-qualification	217-782-3413
Small Business, Disadvantaged Business Enterprise (DBE)	217-785-4611
Contracts, Bids, Letting process or Internet downloads	217-782-7806
Estimates Unit.....	217-785-3483
Aeronautics.....	217-785-8515
IDNR (Land Reclamation, Water Resources, Natural Resources).....	217-782-6302

QUESTIONS: following contract execution

Subcontractor documentation, payments	217-782-3413
Railroad Insurance	217-785-0275

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RETURN WITH BID

Proposal Submitted By
Name
Address
City

Letting June 13, 2014

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.
BIDDERS NEED NOT RETURN THE ENTIRE PROPOSAL

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



**Illinois Department
of Transportation**

Springfield, Illinois 62764

**Contract No. 64H89
STEPHENSON County
Section 20RS-2
Route FAP 5
District 2 Construction Funds**

PLEASE MARK THE APPROPRIATE BOX BELOW:

- A Bid Bond is included.
- A Cashier's Check or a Certified Check is included.
- An Annual Bid Bond is included or is on file with IDOT.

Plans Included
Herein

Prepared by

S

Checked by

(Printed by authority of the State of Illinois)

Page intentionally left blank

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. 64H89
STEPHENSON County
Section 20RS-2
Route FAP 5
District 2 Construction Funds**

Resurfacing on US Business Route 20 from US 20 west of Freeport to Park Blvd. in Freeport.

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 will govern performance and payments.

RETURN WITH BID

6. **COMBINATION BIDS.** The undersigned bidder 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 contract 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 will 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. **AUTHORITY TO DO BUSINESS IN ILLINOIS.** Section 20-43 of the Illinois Procurement Code (the Code) (30 ILCS 500/20-43) provides that a person (other than an individual acting as a sole proprietor) must be a legal entity authorized to do business in the State of Illinois prior to submitting the bid.
9. **EXECUTION OF CONTRACT:** The Department of Transportation will, in accordance with the rules governing Department procurements, execute the contract and shall be the sole entity having the authority to accept performance and make payments under the contract. Execution of the contract by the Chief Procurement Officer (CPO) or the State Purchasing Officer (SPO) is for approval of the procurement process and execution of the contract by the Department. Neither the CPO nor the SPO shall be responsible for administration of the contract or determinations respecting performance or payment there under except as otherwise permitted in the Code.

10. **The services of a subcontractor will be used.**

Check box Yes
 Check box No

For known subcontractors with subcontracts with an annual value of more than \$50,000, the contract shall include their name, address, general type of work to be performed, and the dollar allocation for each subcontractor. (30 ILCS 500/20-120)

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER -

State Job # - C-92-144-12

64H89

Project Number

Route

County Name - STEPHENSON- -

FAP 5

Code - 177 - -

District - 2 - -

Section Number - 20RS-2

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
X4060110	BIT MATLS PR CT	POUND	61,749.000				
X4401198	HMA SURF REM VAR DP	SQ YD	4,342.000				
X8860400	DET LOOP SPL	FOOT	2,000.000				
Z0007430	TEMP SIDEWALK	SQ FT	371.000				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000				
Z0040315	PILOT CAR	DAY	6.000				
21101600	TOPSOIL F & P VAR DP	SQ YD	11,327.000				
25000210	SEEDING CL 2A	ACRE	2.500				
25100125	MULCH METHOD 3	ACRE	2.500				
28200200	FILTER FABRIC	SQ YD	997.000				
28300400	AGGREGATE DITCH	TON	470.000				
40600527	LB HM IL-9.5FG N50	TON	21.000				
40600627	LB MM IL-9.5FG N50	TON	3,900.000				
40600895	CONSTRUC TEST STRIP	EACH	3.000				
40600982	HMA SURF REM BUTT JT	SQ YD	363.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER -

64H89

State Job # - C-92-144-12

Project Number

Route

County Name - STEPHENSON--

FAP 5

Code - 177 - -

District - 2 - -

Section Number - 20RS-2

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
40600990	TEMPORARY RAMP	SQ YD	481.000				
40601005	HMA REPL OVER PATCH	TON	234.000				
40603310	HMA SC "C" N50	TON	3,237.000				
40603335	HMA SC "D" N50	TON	5,863.000				
40800050	INCIDENTAL HMA SURF	TON	1,448.000				
42400200	PC CONC SIDEWALK 5	SQ FT	580.000				
42400800	DETECTABLE WARNINGS	SQ FT	30.000				
44000158	HMA SURF REM 2 1/4	SQ YD	36,256.000				
44000500	COMB CURB GUTTER REM	FOOT	80.000				
44000600	SIDEWALK REM	SQ FT	576.000				
44002232	HMA RM OV PATCH 8	SQ YD	523.000				
44201031	CL B PATCH T2 15	SQ YD	7.000				
44201299	DOWEL BARS 1 1/2	EACH	12.000				
44213200	SAW CUTS	FOOT	38.000				
44300200	STRIP REF CR CON TR	FOOT	8,564.000				

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FAP 5

Code - 177 - -

District - 2 - -

Section Number - 20RS-2

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
48102100	AGG WEDGE SHLD TYPE B	TON	18.000				
60255500	MAN ADJUST	EACH	8.000				
60262700	INLETS RECONST	EACH	1.000				
60265700	VV ADJUST	EACH	6.000				
60603800	COMB CC&G TB6.12	FOOT	35.000				
60605000	COMB CC&G TB6.24	FOOT	45.000				
64200108	SHOULDER RUM STRIP 8	FOOT	33,180.000				
66700305	PERM SURV MKRS T2	EACH	4.000				
67000400	ENGR FIELD OFFICE A	CAL MO	5.000				
67100100	MOBILIZATION	L SUM	1.000				
70100450	TRAF CONT-PROT 701201	L SUM	1.000				
70100460	TRAF CONT-PROT 701306	L SUM	1.000				
70102620	TR CONT & PROT 701501	L SUM	1.000				
70102622	TR CONT & PROT 701502	L SUM	1.000				
70102632	TR CONT & PROT 701602	L SUM	1.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER -

64H89

State Job # - C-92-144-12

Project Number

Route

County Name - STEPHENSON--

FAP 5

Code - 177 - -

District - 2 - -

Section Number - 20RS-2

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
70102635	TR CONT & PROT 701701	L SUM	1.000				
70102640	TR CONT & PROT 701801	L SUM	1.000				
70103815	TR CONT SURVEILLANCE	CAL DA	3.000				
70300100	SHORT TERM PAVT MKING	FOOT	8,856.000				
70301000	WORK ZONE PAVT MK REM	SQ FT	1,878.000				
78000100	THPL PVT MK LTR & SYM	SQ FT	765.000				
78000200	THPL PVT MK LINE 4	FOOT	20,338.000				
78000400	THPL PVT MK LINE 6	FOOT	428.000				
78000500	THPL PVT MK LINE 8	FOOT	3,100.000				
78000600	THPL PVT MK LINE 12	FOOT	1,454.000				
78000650	THPL PVT MK LINE 24	FOOT	320.000				
78001110	PAINT PVT MK LINE 4	FOOT	107,770.000				
78100100	RAISED REFL PAVT MKR	EACH	817.000				
78300200	RAISED REF PVT MK REM	EACH	547.000				

CONTRACT NUMBER

64H89

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.

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

I. GENERAL

A. Article 50 of the Code establishes the duty of all State CPOs, SPOs, 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. Except as otherwise required in subsection III, paragraphs J-M, by execution of the Proposal Signature Sheet, the bidder indicates that each of the mandated assurances have 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 the CPO to void the contract, and may result in the suspension or debarment of the bidder or subcontractor. If a false certification is made by a subcontractor the contractor's submitted bid and the executed contract may not be declared void unless the contractor refuses to terminate the subcontract upon the State's request after a finding that the subcontractor's certification was false.

I acknowledge, understand and accept these terms and conditions.

II. ASSURANCES

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.

A. Conflicts of Interest

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 State 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 State Toll Highway Authority.

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

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

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

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

The current salary of the Governor is \$177,412.00. Sixty percent of the salary is \$106,447.20.

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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. Information concerning the exemption process is available from the Department upon request.

B. Negotiations

Section 50-15. Negotiations.

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.

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.

C. Inducements

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.

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.

D. Revolving Door Prohibition

Section 50-30. Revolving door prohibition.

CPOs, SPOs, procurement compliance monitors, 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.

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.

E. Reporting Anticompetitive Practices

Section 50-40. Reporting anticompetitive practices.

When, for any reason, any vendor, bidder, contractor, CPO, SPO, 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 CPO.

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.

F. Confidentiality

Section 50-45. Confidentiality.

Any CPO, SPO, 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.

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.

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G. Insider Information

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.

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.

I acknowledge, understand and accept these terms and conditions for the above assurances.

III. CERTIFICATIONS

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. Section 50-2 of the Code provides that every person that has entered into a multi-year contract and every subcontractor with a multi-year subcontract shall certify, by July 1 of each fiscal year covered by the contract after the initial fiscal year, to the responsible CPO whether it continues to satisfy the requirements of Article 50 pertaining to the eligibility for a contract award. If a contractor or subcontractor is not able to truthfully certify that it continues to meet all requirements, it shall provide with its certification a detailed explanation of the circumstances leading to the change in certification status. A contractor or subcontractor that makes a false statement material to any given certification required under Article 50 is, in addition to any other penalties or consequences prescribed by law, subject to liability under the Whistleblower Reward and Protection Act for submission of a false claim.

A. Bribery

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, or subcontracting under such a contract, 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, or which is signatory to the contract which the subcontract relates, 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 2012.

(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, and every subcontract subject to Section 20-120 of the Code shall contain a certification by the contractor or the subcontractor, respectively, that the contractor or subcontractor is not barred from being awarded a contract or subcontract under this Section and acknowledges that the CPO may declare the related contract void if any certifications required by this Section are false. A contractor who makes a false statement, material to the certification, commits a Class 3 felony.

The contractor or subcontractor certifies that it is not barred from being awarded a contract under Section 50.5.

B. Felons

Section 50-10. Felons.

(a) Unless otherwise provided, no person or business convicted of a felony shall do business with the State of Illinois or any State agency, or enter into a subcontract, 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.

(b) Certification. Every bid submitted to and contract executed by the State and every subcontract subject to Section 20-120 of the Code shall contain a certification by the bidder or contractor or subcontractor, respectively, that the bidder, contractor, or subcontractor is not barred from being awarded a contract or subcontract under this Section and acknowledges that the CPO may declare the related contract void if any of the certifications required by this Section are false.

RETURN WITH BID

C. Debt Delinquency

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

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

D. Prohibited Bidders, Contractors and Subcontractors

Section 50-10.5 and 50-60(c). Prohibited bidders, contractors and subcontractors.

The bidder or contractor or subcontractor, respectively, 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 or if in violation of Subsection (c) for a period of five years from the date of conviction. Every bid submitted to and contract executed by the State and every subcontract subject to Section 20-120 of the Code shall contain a certification by the bidder, contractor, or subcontractor, respectively, that the bidder, contractor, or subcontractor is not barred from being awarded a contract or subcontract under this Section and acknowledges that the CPO shall declare the related contract void if any of the certifications completed pursuant to this Section are false.

E. Section 42 of the Environmental Protection Act

The bidder or contractor or subcontractor, respectively, certifies in accordance with 30 ILCS 500/50-14 that the bidder, contractor, or subcontractor, is not barred from being awarded a contract or entering into a subcontract under this Section which prohibits the bidding on or entering into contracts with the State of Illinois or a State agency, or entering into any subcontract, that is subject to the Code 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 bidder or contractor or subcontractor, respectively, acknowledges that the CPO may declare the contract void if this certification is false.

F. Educational Loan

Section 3 of the Educational Loan Default Act provides 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.

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.

G. Bid-Rigging/Bid Rotating

Section 33E-11 of the Criminal Code of 2012 provides:

(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

(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.

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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.

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.

H. International Anti-Boycott

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

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

I. Drug Free Workplace

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.

The bidder certifies that if awarded a contract in excess of \$5,000 it will provide a drug free workplace in compliance with the provisions of the Act.

J. Disclosure of Business Operations in Iran

Section 50-36 of the Code, 30ILCS 500/50-36 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 Code.

Failure to make the disclosure required by the Code shall cause the bid, offer or proposal to be considered not responsive. The disclosure will be considered when evaluating the bid 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.

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

In accordance with the provisions of Section 30-22 (6) of the 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.

TO BE RETURNED WITH BID

L. Political Contributions and Registration with the State Board of Elections

Sections 20-160 and 50-37 of the Code regulate political contributions from business entities and any affiliated entities or affiliated persons bidding on or contracting with the state. Generally under Section 50-37, any business entity, and any affiliated entity or affiliated person of the business entity, whose current year contracts with all state agencies exceed an awarded value of \$50,000, are prohibited from making any contributions to any political committees established to promote the candidacy of the officeholder responsible for the awarding of the contracts or any other declared candidate for that office for the duration of the term of office of the incumbent officeholder or a period 2 years after the termination of the contract, whichever is longer. Any business entity and affiliated entities or affiliated persons whose state contracts in the current year do not exceed an awarded value of \$50,000, but whose aggregate pending bids and proposals on state contracts exceed \$50,000, either alone or in combination with contracts not exceeding \$50,000, are prohibited from making any political contributions to any political committee established to promote the candidacy of the officeholder responsible for awarding the pending contract during the period beginning on the date the invitation for bids or request for proposals is issued and ending on the day after the date of award or selection if the entity was not awarded or selected. Section 20-160 requires certification of registration of affected business entities in accordance with procedures found in Section 9-35 of The Election Code.

By submission of a bid, the contractor business entity acknowledges and agrees that it has read and understands Sections 20-160 and 50-37 of the Code, and that it makes the following certification:

The undersigned bidder certifies that it has registered as a business with the State Board of Elections and acknowledges a continuing duty to update the registration in accordance with the above referenced statutes. If the business entity is required to register, the CPO shall verify that it is in compliance on the date the bid or proposal is due. The CPO shall not accept a bid or proposal if the business entity is not in compliance with the registration requirements.

These requirements and compliance with the above referenced statutory sections are a material part of the contract, and any breach thereof shall be cause to void the contract under Section 50-60 of the Code. This provision does not apply to Federal-aid contracts.

M. Lobbyist Disclosure

Section 50-38 of the Code requires that any bidder or offeror on a State contract that hires a person required to register under the Lobbyist Registration Act to assist in obtaining a contract shall:

- (i) Disclose all costs, fees, compensation, reimbursements, and other remunerations paid or to be paid to the lobbyist related to the contract,
- (ii) Not bill or otherwise cause the State of Illinois to pay for any of the lobbyist's costs, fees, compensation, reimbursements, or other remuneration, and
- (iii) Sign a verification certifying that none of the lobbyist's costs, fees, compensation, reimbursements, or other remuneration were billed to the State.

This information, along with all supporting documents, shall be filed with the agency awarding the contract and with the Secretary of State. The CPO shall post this information, together with the contract award notice, in the online Procurement Bulletin.

Pursuant to Subsection (c) of this Section, no person or entity shall retain a person or entity to attempt to influence the outcome of a procurement decision made under the Code for compensation contingent in whole or in part upon the decision or procurement. Any person who violates this subsection is guilty of a business offense and shall be fined not more than \$10,000.

Bidder acknowledges that it is required to disclose the hiring of any person required to register pursuant to the Illinois Lobbyist Registration Act (25 ILCS 170) in connection with this contract.

Bidder has not hired any person required to register pursuant to the Illinois Lobbyist Registration Act in connection with this contract.

Or

Bidder has hired the following persons required to register pursuant to the Illinois Lobbyist Registration Act in connection with the contract:

Name and address of person: _____
All costs, fees, compensation, reimbursements and other remuneration paid to said person: _____

I acknowledge, understand and accept these terms and conditions for the above certifications.

RETURN 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 bidder further certifies that the Department has received the disclosure forms for each bid.

The CPO may void the bid, or contract, respectively, if it is later determined that the bidder or subcontractor rendered a false or erroneous disclosure. A contractor or subcontractor may be suspended or debarred for violations of the Code. Furthermore, the CPO may void the contract 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 Code provides that all bids of more than \$25,000 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, filed with the Procurement Policy Board, and shall be incorporated as a material term of the contract. Furthermore, pursuant to Section 5-5, the Procurement Policy Board may review a proposal, bid, or contract and issue a recommendation to void a contract or reject a proposal or bid based on any violation of the Code or the existence of a conflict of interest as provided in subsections (b) and (d) of Section 50-35.

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 200 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.

The current annual salary of the Governor is \$177,412.00

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. A separate Disclosure Form A must be submitted with the bid for each individual meeting the above requirements. In addition, a second form (Disclosure Form B) provides for the disclosure of current or pending procurement relationships with other (non-IDOT) state agencies and a total ownership certification. **The forms must be included with each bid.**

C. Disclosure Form Instructions

Form A Instructions for Financial Information & Potential Conflicts of Interest

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 200 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 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 60% of the annual salary of the Governor? YES ___ NO ___
3. Does anyone in your organization receive more than 60% of the annual salary of the Governor of the bidding entity's or parent entity's distributive income? YES ___ NO ___

(Note: Distributive income is, for these purposes, any type of distribution of profits. An annual salary is not distributive income.)

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 60% of the annual salary of the Governor? 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 of Form A must be signed and dated by a person that is authorized to execute contracts for your company.

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Form B: Instructions for 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.

**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 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 \$25,000, 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.**

The current annual salary of the Governor is \$177,412.00.

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 60% of the annual salary of the Governor. **(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.

- Are you currently an officer or employee of either the Capitol Development Board or the Illinois State Toll Highway Authority? Yes ___ No ___
- 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 60% of the annual salary of the Governor, provide the name the State agency for which you are employed and your annual salary. _____

RETURN WITH BID

3. If you are currently appointed to or employed by any agency of the State of Illinois, and your annual salary exceeds 60% of the annual salary of the Governor, 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 100% of the annual 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 60% of the annual salary of the Governor, 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 two times the salary of the Governor?
Yes ___ No ___

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

Yes ___ No ___

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

1. Is your spouse or any minor children currently an officer or employee of the Capitol Development Board or the Illinois State 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 60% of the annual salary of the Governor, 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 60% of the annual salary of the Governor, 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 100% of the annual 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 60% of the annual salary of the Governor, 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 two 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

(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 ___

3. Communication Disclosure.

Disclose the name and address of each lobbyist and other agent of the bidder or offeror who is not identified in Section 2 of this form, who is has communicated, is communicating, or may communicate with any State officer or employee concerning the bid or offer. This disclosure is a continuing obligation and must be promptly supplemented for accuracy throughout the process and throughout the term of the contract. If no person is identified, enter "None" on the line below:

Name and address of person(s): _____

RETURN WITH BID

4. Debarment Disclosure. For each of the persons identified under Sections 2 and 3 of this form, disclose whether any of the following has occurred within the previous 10 years: debarment from contracting with any governmental entity; professional licensure discipline; bankruptcies; adverse civil judgments and administrative findings; and criminal felony convictions. This disclosure is a continuing obligation and must be promptly supplemented for accuracy throughout the procurement process and term of the contract. If no person is identified, enter "None" on the line below:

Name of person(s): _____

Nature of disclosure: _____

APPLICABLE STATEMENT

This Disclosure Form A is submitted on behalf of the INDIVIDUAL named on previous page. Under penalty of perjury, I certify the contents of this disclosure to be true and accurate to the best of my knowledge.

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

NOT APPLICABLE STATEMENT

Under penalty of perjury, 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

The bidder has a continuing obligation to supplement these disclosures under Sec. 50-35 of the Code.

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ILLINOIS DEPARTMENT OF TRANSPORTATION

Form B Other Contracts & Financial 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 Code (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 \$25,000, 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

Signature of Authorized Representative, Date

OWNERSHIP CERTIFICATION

Please certify that the following statement is true if the individuals for all submitted Form A disclosures do not total 100% of ownership.

Any remaining ownership interest is held by individuals receiving less than \$106,447.20 of the bidding entity's or parent entity's distributive income or holding less than a 5% ownership interest.

Yes No N/A (Form A disclosure(s) established 100% ownership)

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. 64H89
STEPHENSON County
Section 20RS-2
Route FAP 5
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. 64H89
STEPHENSON County
Section 20RS-2
Route FAP 5
District 2 Construction Funds**

PROPOSAL SIGNATURE SHEET

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

(IF AN INDIVIDUAL)

Firm Name _____

Signature of Owner _____

Business Address _____

(IF A CO-PARTNERSHIP)

Firm Name _____

By _____

Business Address _____

Name and Address of All Members of the Firm:

(IF A CORPORATION)

Corporate Name _____

By _____

Signature of Authorized Representative

Typed or printed name and title of Authorized Representative

Attest _____

Signature

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

Business Address _____

(IF A JOINT VENTURE)

Corporate Name _____

By _____

Signature of Authorized Representative

Typed or printed name and title of Authorized Representative

Attest _____

Signature

Business Address _____

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



This Annual Proposal Bid Bond shall become effective at 12:01 AM (CDST) on _____ and shall be valid until _____ 11:59 PM (CDST).

KNOW ALL PERSONS BY THESE PRESENTS, That We _____

as PRINCIPAL, and _____

as SURETY, and 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 the bid proposal under "Proposal Guaranty" in effect on the date of the 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 may submit bid proposal(s) to the STATE OF ILLINOIS, acting through the Department of Transportation, for various improvements published in the Transportation Bulletin during the effective term indicated above.

NOW, THEREFORE, if the Department shall accept the bid proposal(s) of the PRINCIPAL; and if the PRINCIPAL shall, within the time and as specified in the bidding and contract documents; 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 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 has caused this instrument to be signed by its officer _____ day of _____ A.D., _____

In TESTIMONY WHEREOF, the said SURETY has caused this instrument to be signed by its officer _____ day of _____ A.D., _____

(Company Name)

(Company Name)

By _____
(Signature and Title)

By _____
(Signature of Attorney-in-Fact)

Notary for PRINCIPAL

Notary for SURETY

STATE OF _____
COUNTY OF _____

STATE OF _____
COUNTY OF _____

Signed and attested before me on _____ (date)

Signed and attested before me on _____ (date)

by _____
(Name of Notary Public)

by _____
(Name of Notary Public)

(Seal) _____
(Signature of Notary Public)

(Seal) _____
(Signature of Notary Public)

(Date Commission Expires)

(Date Commission Expires)

In lieu of completing the above section of the Annual Proposal Bid Bond form, the Principal may file an Electronic Bid Bond. By signing the proposal(s) 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
--------------------------	---------------------	---------------------

This bond may be terminated, at Surety's request, upon giving not less than thirty (30) days prior written notice of the cancellation/termination of the bond. Said written notice shall be issued to the Illinois Department of Transportation, Chief Contracts Official, 2300 South Dirksen Parkway, Springfield, Illinois, 62764, and shall be served in person, by receipted courier delivery or certified or registered mail, return receipt requested. Said notice period shall commence on the first calendar day following the Department's receipt of written cancellation/termination notice. Surety shall remain firmly bound to all obligations herein for proposals submitted prior to the cancellation/termination. Surety shall be released and discharged from any obligation(s) for proposals submitted for any letting or date after the effective date of cancellation/termination.



Item No. _____

Letting Date _____

KNOW ALL PERSONS BY THESE PRESENTS, That We _____

as PRINCIPAL, and _____

as SURETY, and 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 the bid proposal under "Proposal Guaranty" in effect on the date of the 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; 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 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 has caused this instrument to be signed by its officer _____ day of _____ A.D., _____.

In TESTIMONY WHEREOF, the said SURETY has caused this instrument to be signed by its officer _____ day of _____ A.D., _____.

(Company Name)

(Company Name)

By _____
(Signature and Title)

By _____
(Signature of Attorney-in-Fact)

Notary for PRINCIPAL

Notary for SURETY

STATE OF _____
COUNTY OF _____

STATE OF _____
COUNTY OF _____

Signed and attested before me on _____ (date)
by _____
(Name of Notary Public)

Signed and attested before me on _____ (date)
by _____
(Name of Notary Public)

(Seal) _____
(Signature of Notary Public)

(Seal) _____
(Signature of Notary Public)

(Date Commission Expires)

(Date Commission Expires)

In lieu of completing the above section of the Proposal Bid Bond form, the Principal may file an Electronic Bid Bond. By signing the proposal 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 _____



(1) Policy

It is public policy that disadvantageded businesses as defined in 49 CFR Part 26 and the Special Provision shall have the maximum opportunity to participate in the performance of contracts financed in whole or in part with Federal or State funds. Consequently the requirements of 49 CFR Part 26 apply to this contract.

(2) Obligation

The contractor agrees to ensure that disadvantageded businesses as defined in 49 CFR Part 26 and the Special Provision have the maximum opportunity to participate in the performance of contracts or subcontracts financed in whole or in part with Federal or State funds. The contractor shall take all necessary and reasonable steps in accordance with 49 CFR Part 26 and the Special Provision to ensure that said businesses have the maximum opportunity to compete for and perform under this contract. The contractor shall not discriminate on the basis of race, color, national origin or sex in the award and performance of contracts.

(3) Project and Bid Identification

Complete the following information concerning the project and bid:

Route _____

Section _____

Project _____

County _____

Letting Date _____

Contract No. _____

Letting Item No. _____

Total Bid _____

Contract DBE Goal _____

(Percent) (Dollar Amount)

(4) Assurance

I, acting in my capacity as an officer of the undersigned bidder (or bidders if a joint venture), hereby assure the Department that on this project my company : (check one)

- Meets or exceeds contract award goals and has provided documented participation as follows:
Disadvantaged Business Participation _____ percent

Attached are the signed participation statements, forms SBE 2025, required by the Special Provision evidencing availability and use of each business participating in this plan and assuring that each business will perform a commercially useful function in the work of the contract.

- Failed to meet contract award goals and has included good faith effort documentation to meet the goals and that my company has provided participation as follows:
Disadvantaged Business Participation _____ percent

The contract goals should be accordingly modified or waived. Attached is all information required by the Special Provision in support of this request including good faith effort. Also attached are the signed participation statements, forms SBE 2025, required by the Special Provision evidencing availability and use of each business participating in this plan and assuring that each business will perform a commercially useful function in the work of the contract.

_____ Company

By _____

Title _____

Date _____

The "as read" Low Bidder is required to comply with the Special Provision.

Submit only one utilization plan for each project. The utilization plan shall be submitted in accordance with the special provision.

Bureau of Small Business Enterprises **Local Let Projects**
2300 South Dirksen Parkway Submit forms to the
Springfield, Illinois 62764 Local Agency

The Department of Transportation is requesting disclosure of information that is necessary to accomplish the purpose as outlined under State and Federal law. Disclosure of this information is **REQUIRED**. Failure to provide any information will result in the contract not being awarded. This form has been approved by the State Forms Manager Center.



Illinois Department of Transportation

DBE Participation Statement

Subcontractor Registration Number _____

Letting _____

Participation Statement

Item No. _____

(1) Instructions

Contract No. _____

This form must be completed for each disadvantaged business participating in the Utilization Plan. This form shall be submitted in accordance with the special provision and will be attached to the Utilization Plan form. If additional space is needed complete an additional form for the firm.

(2) Work:

Please indicate: J/V _____ Manufacturer _____ Supplier (60%) _____ Subcontractor _____ Trucking _____

Pay Item No.	Description	Quantity	Unit Price	Total
Total				

(3) Partial Payment Items (For any of the above items which are partial pay items)
Description must be sufficient to determine a Commercially Useful Function, specifically describe the work and subcontract dollar amount:

(4) Commitment

When a DBE is to be a second-tier subcontractor, or if the first-tier DBE subcontractor is going to be subcontracting a portion of its subcontract, it must be clearly indicated on the DBE Participation Statement, and the details of the transaction fully explained.

In the event a DBE subcontractor second-tiers a portion of its subcontract to one or more subcontractors during the work of a contract, the prime must submit a DBE Participation Statement, with the details of the transaction(s) fully explained.

The undersigned certify that the information included herein is true and correct, and that the DBE firm listed below has agreed to perform a commercially useful function in the work of the contract item(s) listed above and to execute a contract with the prime contractor or 1st Tier subcontractor. The undersigned further understand that no changes to this statement may be made without prior approval from the Department's Bureau of Small Business Enterprises and that complete and accurate information regarding actual work performed on this project and the payment therefore must be provided to the Department.

Signature for Contractor __ 1st Tier __ 2nd Tier

Signature for DBE Firm __ 1st Tier __ 2nd Tier

Title _____

Title _____

Date _____

Date _____

Contact Person _____

Contact Person _____

Phone _____

Phone _____

Firm Name _____

Firm Name _____

Address _____

Address _____

City/State/Zip _____

City/State/Zip _____

E _____

WC _____

The Department of Transportation is requesting disclosure of information that is necessary to accomplish the statutory purpose as outlined under the state and federal law. Disclosure of this information is **REQUIRED**. Failure to provide any information will result in the contract not being awarded. This form has been approved by the State Forms Management Center.

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. 64H89
STEPHENSON County
Section 20RS-2
Route FAP 5
District 2 Construction Funds



Illinois Department of Transportation

SUBCONTRACTOR DOCUMENTATION

Public Acts 96-0795, 96-0920, and 97-0895 enacted substantial changes to the provisions of the Code (30 ILCS 500). Among the changes are provisions affecting subcontractors. The Contractor awarded this contract will be required as a material condition of the contract to implement and enforce the contract requirements applicable to subcontractors that entered into a contractual agreement with a total value of \$50,000 or more with a person or entity who has a contract subject to the Code and approved in accordance with article 108.01 of the Standard Specifications for Road and Bridge Construction.

If the Contractor seeks approval of subcontractors to perform a portion of the work, and approval is granted by the Department, the Contractor shall provide a copy of the subcontract to the Illinois Department of Transportation's CPO upon request within 15 calendar days after execution of the subcontract.

Financial disclosures required pursuant to Sec. 50-35 of the Code must be submitted for all applicable subcontractors. The subcontract shall contain the certifications required to be made by subcontractors pursuant to Article 50 of the Code. This Notice to Bidders includes a document incorporating all required subcontractor certifications and disclosures for use by the Contractor in compliance with this mandate. The document is entitled State Required Ethical Standards Governing Subcontractors.

RETURN WITH SUBCONTRACT

STATE ETHICAL STANDARDS GOVERNING SUBCONTRACTORS

Article 50 of the Code establishes the duty of all State CPOs, SPOs, 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.

The certifications hereinafter made by the subcontractor are each a material representation of fact upon which reliance is placed should the Department approve the subcontractor. The CPO may terminate or void the contract approval if it is later determined that the bidder or subcontractor rendered a false or erroneous certification. If a false certification is made by a subcontractor the contractor's submitted bid and the executed contract may not be declared void unless the contractor refuses to terminate the subcontract upon the State's request after a finding that the subcontractor's certification was false.

Section 50-2 of the Code provides that every person that has entered into a multi-year contract and every subcontractor with a multi-year subcontract shall certify, by July 1 of each fiscal year covered by the contract after the initial fiscal year, to the responsible CPO whether it continues to satisfy the requirements of Article 50 pertaining to the eligibility for a contract award. If a contractor or subcontractor is not able to truthfully certify that it continues to meet all requirements, it shall provide with its certification a detailed explanation of the circumstances leading to the change in certification status. A contractor or subcontractor that makes a false statement material to any given certification required under Article 50 is, in addition to any other penalties or consequences prescribed by law, subject to liability under the Whistleblower Reward and Protection Act for submission of a false claim.

A. Bribery

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, or subcontracting under such a contract, 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, or which is signatory to the contract to which the subcontract relates, 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 2012.

(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, and every subcontract subject to Section 20-120 of the Code shall contain a certification by the contractor or the subcontractor, respectively, that the contractor or subcontractor is not barred from being awarded a contract or subcontract under this Section and acknowledges that the CPO may declare the related contract void if any certifications required by this Section are false. A contractor who makes a false statement, material to the certification, commits a Class 3 felony.

The contractor or subcontractor certifies that it is not barred from being awarded a contract under Section 50.5.

B. Felons

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, or enter into a subcontract, 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.

Certification. Every bid submitted to and contract executed by the State and every subcontract subject to Section 20-120 of the Code shall contain a certification by the bidder or contractor or subcontractor, respectively, that the bidder, contractor, or subcontractor is not barred from being awarded a contract or subcontract under this Section and acknowledges that the CPO may declare the related contract void if any of the certifications required by this Section are false.

RETURN WITH SUBCONTRACT

C. Debt Delinquency

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

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

D. Prohibited Bidders, Contractors and Subcontractors

Section 50-10.5 and 50-60(c). Prohibited bidders, contractors and subcontractors.

The bidder or contractor or subcontractor, respectively, 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 or if in violation of Subsection (c) for a period of five years from the date of conviction. Every bid submitted to and contract executed by the State and every subcontract subject to Section 20-120 of the Code shall contain a certification by the bidder, contractor, or subcontractor, respectively, that the bidder, contractor, or subcontractor is not barred from being awarded a contract or subcontract under this Section and acknowledges that the CPO shall declare the related contract void if any of the certifications completed pursuant to this Section are false.

E. Section 42 of the Environmental Protection Act

The bidder or contractor or subcontractor, respectively, certifies in accordance with 30 ILCS 500/50-14 that the bidder, contractor, or subcontractor, is not barred from being awarded a contract or entering into a subcontract under this Section which prohibits the bidding on or entering into contracts with the State of Illinois or a State agency, or entering into any subcontract, that is subject to the Code 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 bidder or contractor or subcontractor, respectively, acknowledges that the CPO may declare the contract void if this certification is false.

The undersigned, on behalf of the subcontracting company, has read and understands the above certifications and makes the certifications as required by law.

_____ Name of Subcontracting Company		
_____ Authorized Officer	_____ Date	

RETURN WITH SUBCONTRACT
SUBCONTRACTOR DISCLOSURES

I. DISCLOSURES

- A.** The disclosures hereinafter made by the subcontractor are each a material representation of fact upon which reliance is placed. The subcontractor further certifies that the Department has received the disclosure forms for each subcontract.

The CPO may void the bid, contract, or subcontract, respectively, if it is later determined that the bidder or subcontractor rendered a false or erroneous disclosure. A contractor or subcontractor may be suspended or debarred for violations of the Code. Furthermore, the CPO may void the contract.

B. Financial Interests and Conflicts of Interest

1. Section 50-35 of the Code provides that all subcontracts with a total value of \$50,000 or more from subcontractors identified in Section 20-120 of the Code, shall be accompanied by disclosure of the financial interests of the subcontractor. This disclosed information for the subcontractor, will be maintained as public information subject to release by request pursuant to the Freedom of Information Act, filed with the Procurement Policy Board, and shall be incorporated as a material term of the Prime Contractor's contract. Furthermore, pursuant to this Section, the Procurement Policy Board may recommend to allow or void a contract or subcontract based on a potential conflict of interest.

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 subcontracting entity or its parent entity, whichever is less, unless the subcontractor 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 subcontractor is a privately held entity that is exempt from Federal 10K reporting, but has more than 200 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.

The current annual salary of the Governor is \$177,412.00.

In addition, all disclosures shall indicate any other current or pending contracts, subcontracts, proposals, leases, or other ongoing procurement relationships the subcontracting entity has with any other unit of state government and shall clearly identify the unit and the contract, subcontract, 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. A separate Disclosure Form A must be submitted with the bid for each individual meeting the above requirements. In addition, a second form (Disclosure Form B) provides for the disclosure of current or pending procurement relationships with other (non-IDOT) state agencies and a total ownership certification. **The forms must be included with each bid.**

C. Disclosure Form Instructions

Form A Instructions for Financial Information & Potential Conflicts of Interest

If the subcontractor 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 subcontractor is a privately held entity that is exempt from Federal 10K reporting, but has more than 200 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 subcontractor is not subject to Federal 10K reporting, the subcontractor must determine if any individuals are required by law to complete a financial disclosure form. To do this, the subcontractor 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 subcontracting 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 60% of the annual salary of the Governor? YES ___ NO ___
3. Does anyone in your organization receive more than 60% of the annual salary of the Governor of the subcontracting entity's or parent entity's distributive income? YES ___ NO ___

(Note: Distributive income is, for these purposes, any type of distribution of profits. An annual salary is not distributive income.)

4. Does anyone in your organization receive greater than 5% of the subcontracting entity's or parent entity's total distributive income, but which is less than 60% of the annual salary of the Governor? YES ___ NO ___

(Note: Only one set of forms needs to be completed per person per subcontract 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 subcontractor must determine each individual in the subcontracting entity or the subcontracting 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 subcontractor 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.

RETURN WITH SUBCONTRACT

Form B: Instructions for Identifying Other Contracts & Procurement Related Information

Disclosure Form B must be completed for each subcontract submitted by the subcontracting entity. *Note: Checking the NOT APPLICABLE STATEMENT on Form A does not allow the subcontractor to ignore Form B. Form B must be completed, checked, and dated or the subcontract will not be approved.*

The Subcontractor shall identify, by checking Yes or No on Form B, whether it has any pending contracts, subcontracts, leases, bids, proposals, or other ongoing procurement relationship with any other (non-IDOT) State of Illinois agency. If "No" is checked, the subcontractor only needs to complete the check box on the bottom of Form B. If "Yes" is checked, the subcontractor must list all non-IDOT State of Illinois agency pending contracts, subcontracts, leases, bids, proposals, and other ongoing procurement relationships. These items may be listed on Form B or on an attached sheet(s). Contracts with cities, counties, villages, etc. are not considered State of Illinois agency contracts and are not to be included. Contracts or subcontracts with other State of Illinois agencies such as the Department of Natural Resources or the Capital Development Board must be included.

ILLINOIS DEPARTMENT OF TRANSPORTATION

Form A Subcontractor: Financial Information & Potential Conflicts of Interest Disclosure

Subcontractor 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 Code (30 ILCS 500). Subcontractors desiring to enter into a subcontract of a State of Illinois contract must disclose the financial information and potential conflict of interest information as specified in this Disclosure Form.

The current annual salary of the Governor is \$177,412.00.

DISCLOSURE OF FINANCIAL INFORMATION

1. Disclosure of Financial Information. The individual named below has an interest in the SUBCONTRACTOR (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 60% of the annual salary of the Governor.

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 State 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 60% of the annual salary of the Governor, provide the name the State agency for which you are employed and your annual salary.

RETURN WITH SUBCONTRACT

3. If you are currently appointed to or employed by any agency of the State of Illinois, and your annual salary exceeds 60% of the annual salary of the Governor, 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 100% of the annual 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 60% of the annual salary of the Governor, 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 two 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 60% of the annual salary of the Governor, 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 60% of the annual salary of the Governor, as of 7/1/07) are you entitled to receive (i) more then 7 1/2% of the total distributable income of your firm, partnership, association or corporation, or (ii) an amount in excess of 100% of the annual 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 60% of the annual salary of the Governor, 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 two times the annual 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 SUBCONTRACT

(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 ___

3 Communication Disclosure.

Disclose the name and address of each lobbyist and other agent of the bidder or offeror who is not identified in Section 2 of this form, who is has communicated, is communicating, or may communicate with any State officer or employee concerning the bid or offer. This disclosure is a continuing obligation and must be promptly supplemented for accuracy throughout the process and throughout the term of the contract. If no person is identified, enter "None" on the line below:

Name and address of person(s): _____

RETURN WITH SUBCONTRACT

4. Debarment Disclosure. For each of the persons identified under Sections 2 and 3 of this form, disclose whether any of the following has occurred within the previous 10 years: debarment from contracting with any governmental entity; professional licensure discipline; bankruptcies; adverse civil judgments and administrative findings; and criminal felony convictions. This disclosure is a continuing obligation and must be promptly supplemented for accuracy throughout the procurement process and term of the contract. If no person is identified, enter "None" on the line below:

Name of person(s): _____

Nature of disclosure: _____

APPLICABLE STATEMENT

This Disclosure Form A is submitted on behalf of the INDIVIDUAL named on previous page. Under penalty of perjury, I certify the contents of this disclosure to be true and accurate to the best of my knowledge.

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

NOT APPLICABLE STATEMENT

Under penalty of perjury, 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 SUBCONTRACTOR listed on the previous page.

_____ Date _____
Signature of Authorized Officer

RETURN WITH SUBCONTRACT

ILLINOIS DEPARTMENT OF TRANSPORTATION

Form B
Subcontractor: Other Contracts & Financial Related Information Disclosure

Form with fields: Subcontractor 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 Code (30 ILCS 500). This information shall become part of the publicly available contract file. This Form B must be completed for subcontracts with a total value of \$50,000 or more, from subcontractors identified in Section 20-120 of the Code, and for all open-ended contracts.

DISCLOSURE OF OTHER CONTRACTS, SUBCONTRACTS, AND PROCUREMENT RELATED INFORMATION

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

If "No" is checked, the subcontractor 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

Signature box with fields: Signature of Authorized Representative, Date

OWNERSHIP CERTIFICATION

Please certify that the following statement is true if the individuals for all submitted Form A disclosures do not total 100% of ownership

Any remaining ownership interest is held by individuals receiving less than \$106,447.20 of the bidding entity's or parent entity's distributive income or holding less than a 5% ownership interest.

Yes No N/A (Form A disclosure(s) established 100% ownership)



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. Electronic bids are to be submitted to the electronic bidding system (icx-Integrated Contractors Exchange). Paper-based bids are to be submitted to the Chief Procurement Officer for the Department of Transportation in care of the Chief Contracts Official at the Harry R. Hanley Building, 2300 South Dirksen Parkway, in Springfield, Illinois until 10:00 o'clock a.m. June 13, 2014. 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. 64H89
STEPHENSON County
Section 20RS-2
Route FAP 5
District 2 Construction Funds**

Resurfacing on US Business Route 20 from US 20 west of Freeport to Park Blvd. in Freeport.

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

Ann L. Schneider,
Secretary

INDEX
FOR
SUPPLEMENTAL SPECIFICATIONS
AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2014

This index contains a listing of SUPPLEMENTAL SPECIFICATIONS, frequently used RECURRING SPECIAL PROVISIONS, and LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS.

ERRATA Standard Specifications for Road and Bridge Construction (Adopted 1-1-12) (Revised 1-1-14)

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Section 20RS-2
Stephenson County
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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, 2012", 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 5 (US 20 BUS), Section 20RS-2, Stephenson County, Contract 64H89, 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

On Business Route US 20 from US 20 west of Freeport to Park Boulevard in Freeport.

DESCRIPTION OF PROJECT

Hot-Mix Asphalt resurfacing and grinding.

TRAFFIC CONTROL PLAN

Effective: January 14, 1999

Revised: August 23, 2013

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:

701001	701006	701011	701101	701201	701301
701306	701311	701427	701501	701502	701602
701701	701801	701901			

Details:

Rough Grooved Surface Sign (Dist. Std. 91.2)
Traffic Control and Protection at Turn Bays (Dist. Std. 94.2)
Traffic Control at Transitions (Dist. Std. 38.1)

General:

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

Signs:

No 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 1 mile intervals or as directed by the Engineer.

"LOW SHOULDER" W8-9(O)48 signs shall be installed at 1 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.

All regulatory signs shall be maintained at a 5 foot minimum bottom (rural), 7 foot minimum (urban).

Plate altering signs shall have the same sheeting as the base sign.

No more than one (1) plate shall be used to alter a sign.

Any post stubs without a sign in place and visible shall have a reflector placed on each post.

Devices:

Cones or reflectorized cones shall not be used during hours of darkness.

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

On all standards and devices listed in Section 701 of the Standard Specifications, the device spacing shall be revised to the following dimensions:

- Where the spacing shown on the standard is 25 feet, the devices shall be placed at 20 feet.
- Where the spacing shown on the standard is 50 feet, the devices shall be placed at 40 feet.
- Where the spacing shown on the standard is 100 feet, the devices shall be placed at 80 feet.

Flaggers:

Flagger at Sideroads and Commercial Entrances:

Effective: August 1, 2011

Flaggers shall comply with all requirements contained in the Department's "Flagger Handbook" dated September 2011. The flagger equipment listed for flaggers employed by the Illinois Department of Transportation shall apply to all flaggers.

All workers and flaggers shall wear ANSI Class E pants and an ANSI Class 2 vest that in combination meet the requirements of ANSI/ISEA 107-2004 for Conspicuity Class 3 garments during hours of darkness.

In addition to the flaggers shown on applicable standards, on major sideroads flaggers shall be required on all legs of the intersection. Major sideroads for this project shall be Harlem Center, Lily Creek Road, Greenfield, Park Boulevard, AYP Road, Mesa Drive, and Marion Avenue.

In addition to the flaggers shown on applicable standards, a flagger shall be required on high volume commercial entrances listed below. High volume commercial entrances for this project shall be Shell Gas Station entrances, Philips 66, CVS Pharmacy, Bus Garage (Sta. 203+70 Rt. & 205+54 Rt.), and Sullivan's (Sta. 204+91 Lt.).

When the mainline flagger is within 200 feet of an intersection, the sideroad flagger shall be required.

Revise the first and second paragraph of Article 701.20(i) of the Standard Specifications to read:

"Signs, barricades, or other traffic control devices required by the Engineer, over and above those shown on the standard or detailed in the plans and provisions, will be paid for according to Article 109.04. All flaggers required at sideroads and commercial entrances remaining open to traffic not shown on the Highway Standards, required by article 701.13(a) or listed above, shall be paid for according to Article 109.04."

Pavement Marking:

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

All short term pavement markings on a milled surface shall be paint.

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

Traffic Control and Protection, Standard 701326: This work shall be done according to Section 701 of the Standard Specifications and the Typical Applications of Traffic Control Devices for Highway Construction, Standard 701326, and as specified herein.

Additional barricades, flagger signs, Yield or Stop signs and flaggers shall be required at the intersections. Barricade spacing shall be at 15 foot centers within these intersections and Yield or Stop signs shall be used to control traffic.

When work is within 200 feet of an intersection, flagger signs and flaggers shall be required on the sideroad at the discretion of the Engineer.

These additional devices shall be paid for as part of Traffic Control and Protection Standard 701326, and not as an addition to the contract.

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

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

This work shall be included in the contract unit price per Lump Sum for TRAFFIC CONTROL AND PROTECTION STANDARD 701701.

Traffic Control and Protection Standard 701801: This work shall be done according to Section 701 of the Standard Specifications, Traffic Control and Protection Standard 701801, and as specified herein. The sidewalk in the southwest quadrant shall be closed to perform the work. No alternate sidewalk is to be provided. Because there is no sidewalk on the other side of the each road at this intersection, the sidewalks along the north side of US Business Route 20, east of Park Boulevard, and along the east side of Park Boulevard shall remain open at all times. The work in the northeast and the southwest corners shall not be done at the same time. One quadrant shall have all work completed, including the sidewalk, curb and gutter, and grading/topsoil completed before starting any work in the subsequent quadrant.

During working hours, the Contractor shall designate a person each work day to be responsible for assisting pedestrians through and around the work area. This person shall be capable of stopping their work duties immediately in order to assist and escort pedestrians as required. This person shall be known to the Engineer. Pedestrian access shall be maintained at all times.

During non-working hours, the work area shall be graded, level, accessible, and free from hazards. Temporary ramps shall be placed as necessary at each end of the removed sidewalk and at the crossing meeting the slope requirement of a permanent ramp and sidewalk. It shall be open to pedestrians. Aggregate will be allowed as a temporary sidewalk surface for a maximum of three days. The work shall be scheduled such that the sidewalk and curb and gutter work is completed by Friday, so that pedestrians are using a paved sidewalk.

This work shall be included in the contract unit price per Lump Sum for TRAFFIC CONTROL AND PROTECTION STANDARD 701801.

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

The pilot car shall be a pickup truck, carrying the Contractor's company insignia, equipped with "PILOT CAR - FOLLOW ME" (G-20-4(0)) signs. Two signs shall be mounted on the vehicle so as to be clearly visible from both directions. The bottom of the sign shall be mounted at least 1 foot above the top of the cab. The pilot car shall be equipped with a two-way radio so normal communication with the flagger at each end of the work area can be maintained.

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

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

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

The sawing of patches shall be completed using Traffic Control and Protection Standard 701306.

The resurfacing, milling and placement of topsoil shall be completed using Traffic Control and Protection Standard 701306, 701501, 701502, and 701602.

The aggregate shoulder and hot-mix asphalt shoulder work shall be completed using Traffic Control and Protection Standard 701306.

Placing and removing pavement marking shall be completed using Traffic Control and Protection Standard 701306, 701311, 701427, or 701701.

The Contractor shall have all lanes open from 3:00 p.m. Friday until 7:00 a.m. Monday, unless prior approval is obtained from the Resident Engineer.

The sidewalk closures for the construction of the ADA ramps at N. Park Blvd shall be completed using Traffic Control and Protection Standard 701801, and as specified.

MILLING RESTRICTIONS

Effective: January 29, 2010

Milling operations shall be performed such that a vertical milled face no greater than 1½" exists between open lanes of traffic. This can be accomplished by one of the following treatment methods: 1) Make multiple passes with the mill, each one less the 1½"; 2) place a temporary wedge or have milled sloped edge with a minimum 1:3 slope; or 3) mill both lanes the same day so that no difference in elevation exists when the lanes are opened. Other methods may be used if approved by the Engineer prior to implementing the procedure. All short term pavement marking placed on milled surface shall be paint.

This work shall be included in the cost of HMA SURFACE REMOVAL, at the thickness specified.

DETECTOR LOOP, SPECIAL

Effective: December 15, 2009

Revised: March 11, 2010

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

This item shall include replacing any conduit stubs damaged during the surface grinding process. This shall also include any wire in conduit required to connect the loops.

Any 6'x20' Detector Loops shall have a minimum of three turns of wire, any 6'x6' Detector Loops shall have a minimum of four turns of wire. Detector Loops will be measured for payment along the sawed slot in the pavement only. The cables, from the end of the saw cut to the splice in the handhole, shall not be measured for payment since it is considered to be included in the cost of the Detector Loop.

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

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

ENGINEER'S FIELD OFFICE TYPE A

Effective: January 1, 2012

Engineer's Field Office Type A shall be in accordance with Article 670.02 of the Standard Specifications:

Add (s) to the end of 670.02

(s) Cellular phone with a minimum of 500 anytime minutes per month for use by the site resident engineer/technician.

ADJUSTED PLAN QUANTITY FOR SURFACE COURSE MIXTURES

Effective: June 15, 2010

The adjusted plan quantity for surface course mixtures shall be calculated according to Article 406.13(b) and the following. The maximum allowed average bulk specific gravity for the approved mix design (Gmb) will be:

2.460 for Mixture C

2.470 for Mixture D

2.610 for Mixture E

2.710 for Mixture F

HOT-MIX ASPHALT MIXTURE IL-9.5FG (BMPR)

Effective: July 1, 2005

Revised: December 28, 2010

Description. This work shall consist of constructing fine graded hot-mix asphalt (HMA) surface course or leveling binder with an IL-9.5FG mixture. Work shall be according to Sections 406, 407 and 1030 of the Standard Specifications, except as modified herein.

Materials. Revise Article 1003.03(c) of the Standard Specifications to read:

“(c) Gradation. The fine aggregate gradation for all HMA shall be FA 1, FA 2, FA 20, or FA 21. For mixture IL-9.5FG, the fine aggregate fraction shall consist of at least 67 percent manufactured sand meeting FA 20 gradation. The manufactured sand shall be stone sand, slag sand, steel slag sand, or combinations thereof.”

Mixture Design. Add the following to the table in Article 1030.04(a)(1):

"High ESAL, MIXTURE COMPOSITION (% PASSING) ^{1/}		
Sieve Size	IL-9.5FG	
	min	max
1 1/2 in. (37.5 mm)		
1 in. (25 mm)		
3/4 in. (19 mm)		
1/2 in. (12.5 mm)		100
3/8 in. (9.5 mm)	90	100
#4 (4.75 mm)	60 ^{4/}	75 ^{4/}
#8 (2.36 mm)	45 ^{4/}	60 ^{4/}
#16 (1.18 mm)	25	40
#30 (600 μm)	15	30
#50 (300 μm)	8	15
#100 (150 μm)	6	10
#200 (75 μm)	4	6.5
Ratio Dust/Asphalt Binder		1.0

4/ When used as level binder placed less than 1 in. (25 mm) thick, the min and max percent passing shall each be increased 5%.

Revise the table in Article 1030.04(b)(1) of the Standard Specifications to read:

"VOLUMETRIC REQUIREMENTS High ESAL					
N _{design}	Voids in the Mineral Aggregate (VMA), % minimum				Voids Filled with Asphalt Binder (VFA), %
	IL-25.0	IL-19.0	IL-12.5	IL-9.5	
50	12.0	13.0	14.0	15 ^{1/}	65 - 78
70					65 - 75 ^{2/}
90					
105					

1/ The VMA for IL-9.5FG shall be a minimum of 15.0 percent.

2/ The VFA range for IL-9.5FG shall be 65 - 78 percent."

Quality Control/Quality Assurance (QC/QA). Revise the second table in Article 1030.05(d)(4) to read:

DENSITY CONTROL LIMITS			
Mixture Composition		Parameter	Individual Test ^{3/}
IL-9.5FG	Lifts < 1.25 in. (32 mm)	N _{design} 50 - 105	91.0 – 97.0% ^{2/}
	Lifts ≥ 1.25 in. (32 mm)	N _{design} 50 - 105	93.0 – 97.0%
IL-9.5, IL-12.5		N _{design} ≥ 90	92.0 – 96.0 %
IL-9.5, IL-9.5L, IL-12.5		N _{design} < 90	92.5 – 97.4 %
IL-19.0, IL-25.0		N _{design} ≥ 90	93.0 – 96.0 %
IL-19.0, IL-19.0L, IL-25.0		N _{design} < 90	93.0 – 97.4 %
All Other		N _{design} = 30	93.0 ^{1/} - 97.4 %

1/ 92.0 % when placed as first lift on an unimproved subgrade.

2/ Density shall be determined by cores or by correlated, approved thin lift nuclear gauge.

3/ Bulk Specific Gravity and Density that are determined using coated samples must be in accordance with ASTM 1188-96.

CONSTRUCTION REQUIREMENTS

Leveling Binder. Revise the table and second paragraph of Article 406.05(c) of the Standard Specifications to read:

"Leveling Binder	
Nominal, Compacted, Leveling Binder Thickness, in. (mm)	Mixture Composition
≤ 1 1/4 (32)	IL-9.5, IL-9.5 FG, or IL-9.5L
> 1 1/4 to 2 (32 to 50)	IL-9.5, IL-9.5FG, IL-9.5L, or IL-12.5

The density requirements of Article 1030.05(d)(4) shall apply for leveling binder, machine method, when the nominal, compacted thickness is: 3/4 in. (19 mm) or greater for IL-9.5FG mixtures, 1 1/4 in. (32 mm) or greater for IL-9.5 and IL-9.5L mixtures, and 1 1/2 in. (38 mm) or greater for IL-12.5 mixtures."

Compaction. Revise Table 1 in Article 406.07(a) of the Standard Specifications to read:

"TABLE 1 - MINIMUM ROLLER REQUIREMENTS FOR HMA				
	Breakdown Roller (one of the following)	Intermediate Roller	Final Roller (one or more of the following)	Density Requirement
Level Binder: (When the density requirements of Article 406.05(c) do not apply.)	P 3/	--	VS, P 3/, TB, TF, 3W	To the satisfaction of the Engineer.
Level Binder: (When placed at $\leq 1 \frac{1}{4}$ (32 mm) and density requirements apply.)	TB, 3W	P 3/	VS, TB, TF	As specified in Articles: 1030.05(d)(3), (d)(4), and (d)(7).
Binder and Surface 1/ (When the density requirements of Article 406.05(c) apply.)	VD, P 3/, TB, 3W	P 3/	VS, TB, TF	As specified in Articles: 1030.05(d)(3), (d)(4), and (d)(7).
Bridge Decks 2/	TB	--	TF	As specified in Articles: 582.05 and 582.06.

- 1/ If the average delivery at the job site is 85 ton/hr (75 metric ton/hr) or less, any roller combination may be used provided it includes a steel wheeled roller and the required density and smoothness is obtained.
- 2/ One TB may be used for both breakdown and final rolling on bridge decks 300 ft (90 m) or less in length, except when the air temperature is less than 60 °F (15 °C).
- 3/ A vibratory roller (VD) may be used in lieu of the pneumatic-tired roller on mixtures containing polymer modified asphalt binder.

Basis of Payment. Add the following two paragraphs after the third paragraph of Article 406.14 of the Standard Specifications:

"Mixture IL-9.5FG will be paid for at the contract unit price per ton (metric ton) for LEVELING BINDER (HAND METHOD), IL-9.5FG, of the Ndesign specified; LEVELING BINDER (MACHINE METHOD), IL-9.5FG, of the Ndesign specified; or HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, of the Ndesign specified.

Mixture IL-9.5FG in which polymer modified asphalt binders are required will be paid for at the contract unit price per ton (metric ton) for POLYMERIZED LEVELING BINDER (HAND METHOD), IL-9.5FG, of the Ndesign specified; POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-9.5FG, of the Ndesign specified; or POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, of the Ndesign specified."

TRAFFIC CONTROL SURVEILLANCE

Effective: January 1, 2011

Revise the first sentence of the first paragraph of Article 701.10 of the Standard Specifications to read:

“When open holes, broken pavement, trenches over 3 in. deep and 4 in. wide or other hazards are present within 8 ft of the edge of an open lane, the Contractor shall furnish traffic control surveillance at all times, whether or not the Contractor is engaged in construction operations.”

HOT MIX ASPHALT QUALITY CONTROL FOR PERFORMANCE (BMPR)

Effective: January 1, 2012

Revised: December 1, 2013

Description. This special provision describes the procedures for production, placement and payment of hot-mix asphalt (HMA). This work shall be according to the Standard Specifications except as modified herein. This special provision shall apply to HMA mixtures as listed in the following table.

Mixture/Use:	HMA Surface Course, Mix “D”, N50/Surface
Location:	Entire Job
Mixture/Use:	Leveling Binder (MM), IL-9.5 FG, N50
Location:	Entire Job
Mixture/Use:	
Location:	

Exceptions may be approved for small tonnage less than 800 (725 metric) tons and miscellaneous mixture applications as defined by the Engineer.

- Delete Articles:
- 406.06(b)(1), 2nd Paragraph (Temperature requirements)
 - 406.06 (e), 3rd Paragraph (Pavers speed requirements)
 - 406.07 (Compaction)
 - 1030.05(a)(4, 5, 9,) (QC/QA Documents)
 - 1030.05(d)(2)a. (Plant Tests)
 - 1030.05(d)(2)b. (Dust-to-Asphalt and Moisture Content)
 - 1030.05(d)(2)d. (Small Tonnage)
 - 1030.05(d)(2)f. (HMA Sampling)
 - 1030.05(d)(3) (Required Field Tests)
 - 1030.05(d)(4) (Control Limits)
 - 1030.05(d)(5) (Control Charts)
 - 1030.05(d)(7) (Corrective Action for Field Tests (Density))
 - 1030.05(e) (Quality Assurance by the Engineer)
 - 1030.05(f) (Acceptance by the Engineer)
 - 1030.06(a), 3rd paragraph (Before start-up...)
 - 1030.06(a), 7th paragraph (After an acceptable...)
 - 1030.06(a), 8th paragraph (If a mixture...)
 - 1030.06(a), 9th paragraph (A nuclear/core...)

Definitions:

- (a) Quality Control (QC): All production and construction activities by the Contractor required to achieve the required level of quality.
- (b) Quality Assurance (QA): All monitoring and testing activities by the Engineer required to assess product quality, level of payment, and acceptability of the product.
- (c) Pay Parameters: Pay Parameters shall be field Voids in the Mineral Aggregate (VMA), voids, and density. Field VMA will be calculated using the combined aggregates bulk specific gravity (G_{sb}) from the mix design.
- (d) Mixture Lot. A lot shall begin once an acceptable test strip has been completed and the AJMF has been determined. If the test strip is waived, a subplot shall begin with the start of production. A mixture lot shall consist of four sublots unless it is the last or only lot, in which case it may consist of as few as one subplot.
- (e) Mixture Sublot. A mixture subplot for field VMA, voids, and Dust/AC will be a maximum of 1000 tons (910 metric tons).
- If the remaining quantity is greater than 200 but less than 1000 tons, a subplot will consist of that amount.
 - If the remaining quantity is less than or equal to 200 tons, the quantity shall be combined with the previous subplot.
- (f) Density Interval. Density Intervals shall be every 0.2 mile (320 m) for lift thickness equal to or less than 3 in. (75 mm) and 0.1 mile (160 m) for lift thickness greater than 3 in. (75 mm).
- (g) Density Sublot. A subplot for density shall be the average of five consecutive Density Intervals. If a Density Interval is less than 200 ft (60 m), it will be combined with the previous Density Intervals.
- If one or two Density Intervals remain outside a subplot, they shall be included in the previous subplot.
 - If three or more Density Intervals remain, they shall be considered a subplot.
- (h) Density Test: A density test consists of a core taken at a random longitudinal and random transverse offset within each Density Interval. The HMA maximum theoretical gravity (G_{mm}) will be based on the running average of four Department test results. Initial G_{mm} will be based on the average of the first four test results. If less than four G_{mm} results are available, use an average of all available Department G_{mm} test results.

The random transverse offset excludes a distance from each outer edge equal to the lift thickness or a minimum of 4 in. (100 mm). If a core is located within one foot of an unconfined edge, 2.0 percent density will be added to the density of that core.

Quality Control (QC) by the Contractor:

The Contractor’s QC plan shall include the schedule of testing for both pay parameters and non-pay parameters required to control the product such as asphalt binder content and mixture gradation. The minimum test frequency shall be according to the following table.

Minimum Quality Control Sampling and Testing Requirements

Quality Characteristic		Minimum Test Frequency
Mixture Gradation		1 per subplot
Asphalt Binder Content		
Dust/AC Ratio		
Field VMA		
Voids	G_{mb}	
	G_{mm}	

The Contractor’s splits in conjunction with other quality control tests shall be used to control production.

The Contractor shall submit split jobsite mix sample test results to the Engineer within 48 hours of the time of sampling. All QC testing shall be performed in a qualified laboratory by personnel who have successfully completed the Department’s HMA Level I training.

Quality Assurance (QA) by the Engineer:

Voids, field VMA and Dust/AC ratio: The Engineer will determine the random tonnage and the Contractor shall be responsible for obtaining the sample according to the “PFP Hot-Mix Asphalt Random Jobsite Sampling” procedure.

Density: The Engineer will identify the random locations for each density testing interval. The Contractor shall be responsible for obtaining the four inch cores within the same day and prior to opening to traffic unless otherwise approved by the Engineer according to the “PFP and QCP Random Density Procedure”. The locations will be identified after final rolling and cores shall be obtained under the supervision of the Engineer. All core holes shall be filled immediately upon completion of coring. All water shall be removed from the core holes prior to filling. All core holes shall be filled with a rapid hardening mortar or concrete which shall be mixed in a separate container prior to placement in the hole. Any depressions in the surface of the filled core holes greater than 1/4 inch at the time of final inspection will require removal of the fill material to the depth of the lift thickness and replacement.

The Engineer will witness and secure all mixture and density samples. The Contractor shall transport the secured sample to a location designated by the Engineer.

The Engineer will test one or all of the randomly selected split samples from each lot for voids, field VMA and dust/AC ratio. The Engineer will test a minimum of one sample per project. The Engineer will test all of the pavement cores for density. All QA testing will be performed in a qualified laboratory by personnel who have successfully completed the Department’s HMA Level I training. QA test results will be available to the Contractor within 10 working days from receipt of secured cores and split mixture samples.

The Engineer will maintain a complete record of all Department test results and copies will be provided to the Contractor with each set of subplot results. The records will contain, as a minimum, the originals of all Department test results and raw data, random numbers used and resulting calculations for sampling locations, and quality level analysis calculations.

If the QA results do not meet the 100% subplot pay factor limits or do not compare to QC results within the precision limits listed below, the Engineer will test all split mix samples for the lot.

Test Parameter	Limits of Precision
G _{mb}	0.030
G _{mm}	0.026
Field VMA	1.0 %

Acceptance by the Engineer: All of the Department's tests shall be within the acceptable limits listed below:

Parameter		Acceptable Limits
Field VMA		-1.0 – +3.0% ^{1/}
Voids		2.0 – 6.0%
Density:	IL-9.5, IL-12.5, IL-19.0, IL-25.0, IL-4.75, IL-9.5FG ^{3/}	90.0 – 98.0%
	SMA	92.0 – 98.0%
Dust / AC Ratio		0.4 – 1.6 ^{2/}

1/ Based on minimum required VMA from mix design

2/ Does not apply to SMA.

3/ Acceptable density limits for IL-9.5FG placed less than 1.25 in. shall be 89.0% - 98.0%

In addition, no visible pavement distresses shall be present such as, but not limited to, segregation, excessive coarse aggregate fracturing or flushing.

Basis of Payment: Payment will be based on the calculation of the Composite Pay Factor using QA results for each mix according to the "QCP Payment Calculation" document.

Dust / AC Ratio. A monetary deduction will be made using the pay adjustment table below for dust/AC ratios that deviate from the 0.6 to 1.2 range. If the tested subplot is outside of this range, the Department will test the remaining sublots for Dust / AC pay adjustment.

Dust / AC Pay Adjustment Table^{1/}

Range	Deduct / subplot
$0.6 \leq X \leq 1.2$	\$0
$0.5 \leq X < 0.6$ or $1.2 < X \leq 1.4$	\$1000
$0.4 \leq X < 0.5$ or $1.4 < X \leq 1.6$	\$3000
$X < 0.4$ or $X > 1.6$	Shall be removed and replaced

1/ Does not apply to SMA

HOT-MIX ASPHALT MIXTURE IL-19.0FG (BMPR)

Effective: December 1, 2009

Revised: December 6, 2010

Description. This work shall consist of constructing fine graded hot-mix asphalt (HMA) binder course with an IL-19.0FG mixture. Work shall be according to Sections 406, 407 and 1030 of the Standard Specifications, except as modified herein.

Materials. Revise Article 1003.03(c) of the Standard Specifications to read:

“(c) Gradation. The fine aggregate gradation for all HMA shall be FA 1, FA 2, FA 20, or FA 21. For mixture IL-19.0FG, the fine aggregate fraction shall consist of at least 67 percent manufactured sand meeting FA 20 gradation. The manufactured sand shall be stone sand, slag sand, steel slag sand, or combinations thereof.”

Mixture Design. Add the following to the table in Article 1030.04(a)(1) of the Standard Specifications:

“High ESAL, MIXTURE COMPOSITION (% PASSING) ^{1/}		
Sieve Size	IL-19.0FG	
	min	max
1 1/2 in (37.5 mm)		
1 in. (25 mm)		100
3/4 in. (19 mm)	90	100
1/2 in. (12.5 mm)	69	89
3/8 in. (9.5 mm)		
#4 (4.75 mm)	45	60
#8 (2.36 mm)	30	45
#16 (1.18 mm)	20	35
#30 (600 μm)		
#50 (300 μm)	8	15
#100 (150 μm)	6	9
#200 (75 μm)	3.5	5.5
Ratio Dust/Asphalt Binder		1.0

Revise the table in Article 1030.04(b)(1) of the Standard Specifications to read:

"VOLUMETRIC REQUIREMENTS High ESAL						
	Voids in the Mineral Aggregate (VMA), % minimum					Voids Filled with Asphalt Binder (VFA), %
N _{design}	IL-25.0	IL-19.0	IL-19.0FG	IL-12.5	IL-9.5	
50	12.0	13.0	13.5	14.0	15	65 - 78
70						65 - 75
90						
105						

Quality Control/Quality Assurance (QC/QA). Revise the second table in Article 1030.05(d)(4) of the Standard Specifications to read:

"DENSITY CONTROL LIMITS		
Mixture Composition	Parameter	Individual Test
IL-9.5, IL-12.5	$N_{design} \geq 90$	92.0 – 96.0 %
IL-9.5, IL-9.5L, IL-12.5	$N_{design} < 90$	92.5 – 97.4 %
IL-19.0, IL-19.0FG, IL-25.0	$N_{design} \geq 90$	93.0 – 96.0 %
IL-19.0, IL-19.0FG, IL-19.0L, IL-25.0	$N_{design} < 90$	93.0 – 97.4 %
All Other	$N_{design} = 30$	93.0 ^{1/} - 97.4 %

1/ 92.0 % when placed as first lift on an unimproved subgrade.”

Basis of Payment. Add the following two paragraphs after the third paragraph of Article 406.14 of the Standard Specifications:

“Mixture IL-19.0FG will be paid for at the contract unit price per ton (metric ton) for HOT-MIX ASPHALT BINDER COURSE, IL-19.0FG, of the N_{design} specified.

Mixture IL-19.0FG in which polymer modified asphalt binders are required will be paid for at the contract unit price per ton (metric ton) for POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0FG, of the N_{design} specified.”

HOT-MIX ASPHALT – PRIME COAT (BMPR)

Effective: February 19, 2013

Revised: March 4, 2014

Revise Note 1 of Article 406.02 of the Standard Specifications to read:

“Note 1. The bituminous material used for prime coat shall be one of the types listed in the following table.

When emulsified asphalts are used, any dilution with water shall be performed by the emulsion producer. The emulsified asphalt shall be thoroughly agitated within 24 hours of application and show no separation of water and emulsion.

Application	Bituminous Material Types
Prime Coat on Brick, Concrete, or HMA Bases	SS-1, SS-1h, SS-1hP, SS-1vh, CSS-1, CSS-1h, CSS-1hP, HFE-90, RC-70
Prime Coat on Aggregate Bases	MC-30, PEP”

Add the following to Article 406.03 of the Standard Specifications:

“(i) Regenerative Air Vacuum Sweeper.....1101.19”

Revise Article 406.05(b) of the Standard Specifications to read:

“(b) Prime Coat. The bituminous material shall be prepared according to Article 403.05 and applied according to Article 403.10. The use of RC-70 shall be limited to air temperatures less than 60 °F (15 °C).”

- (1) Brick, Concrete or HMA Bases. The base shall be cleaned of all dust, debris and any substance that will prevent the prime coat from adhering to the base. Cleaning shall be accomplished by sweeping to remove all large particles and air blasting to remove dust. As an alternate to air blasting, vacuum sweeping may be used to accomplish the dust removal. Vacuum sweeping shall be accomplished with a regenerative air vacuum sweeper. The base shall be free of standing water at the time of application. The prime coat shall be applied uniformly and at a rate that will provide a residual asphalt rate on the prepared surface as specified in the following table.

Type of Surface to be Primed	Residual Asphalt Rate lb/sq ft (kg/sq m)
Milled HMA, Aged Non-Milled HMA, Milled Concrete, Non-Milled Concrete & Tined Concrete	0.05 (0.244)
Fog Coat between HMA Lifts, IL-4.75 & Brick	0.025 (0.122)

The bituminous material for the prime coat shall be placed one lane at a time. The primed lane shall remain closed until the prime coat is fully cured and does not pickup under traffic. When placing prime coat through an intersection where it is not possible to keep the lane closed, the prime coat may be covered immediately following its application with fine aggregate mechanically spread at a uniform rate of 2 to 4 lb/sq yd (1 to 2 kg/sq m).

- (2) Aggregate Bases. The prime coat shall be applied uniformly and at a rate that will provide a residual asphalt rate on the prepared surface of 0.25 lb/sq ft ± 0.01 (1.21 kg/sq m ± 0.05).

The prime coat shall be permitted to cure until the penetration has been approved by the Engineer, but at no time shall the curing period be less than 24 hours for MC-30 or four hours for PEP. Pools of prime occurring in the depressions shall be broomed or squeegeed over the surrounding surface the same day the prime coat is applied.

The base shall be primed 1/2 width at a time. The prime coat on the second half/width shall not be applied until the prime coat on the first half/width has cured so that it will not pick up under traffic.

The residual asphalt binder rate will be verified a minimum of once per type of surface to be primed as specified herein for which at least 2,000 tons of HMA will be placed. The test will be according to the "Determination of Residual Asphalt in Prime and Tack Coat Materials" test procedure.

Prime coat shall be fully cured prior to placement of HMA to prevent pickup by haul trucks or paving equipment. If pickup occurs, paving shall cease in order to provide additional cure time.

Prime coat shall be placed no more than five days in advance of the placement of HMA. If after five days loss of prime coat is evident prior to covering with HMA, additional prime coat shall be placed as determined by the Engineer at no additional cost to the Department."

Revise the last sentence of the first paragraph of 406.13(b) of the Standard Specifications to read:

"Water added to emulsified asphalt as allowed in article 406.02 will not be included in the quantities measured for payment."

Revise the second paragraph of Article 406.13(b) of the Standard Specifications to read:

"Aggregate for covering prime coat will not be measured for payment."

Revise the first paragraph of Article 406.14 of the Standard Specifications to read:

"Prime Coat will be paid for at the contract unit price per pound (kilogram) of residual asphalt applied for BITUMINOUS MATERIALS (PRIME COAT), or POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)"

Revise Article 407.06(b) of the Standard Specifications to read:

"A bituminous prime coat shall be applied between each lift of HMA according to Article 406.05(b)."

Delete the second paragraph in Article 407.12 of the Standard Specifications.

Revise Article 1032.02 of the Standard Specifications to read:

"1032.02 Measurement. Asphalt binders, emulsified asphalts, rapid curing liquid asphalt, medium curing liquid asphalts, slow curing liquid asphalts, asphalt fillers, and road oils will be measured by weight.

A weight ticket for each truck load shall be furnished to the inspector. The truck shall be weighed at a location approved by the Engineer. The ticket shall show the weight of the empty truck (the truck being weighed each time before it is loaded), the weight of the loaded truck, and the net weight of the bituminous material.

When an emulsion or cutback is used for prime coat, the percentage of asphalt residue of the actual certified product shall be shown on the producer's bill of lading or attached certificate of analysis. If the producer adds extra water to an emulsion at the request of the purchaser, the amount of water shall also be shown on the bill of lading.

Payment will not be made for bituminous materials in excess of 105 percent of the amount specified by the Engineer."

Add the following to the table in article 1032.04 of the Standard Specifications:

"SS-1vh	160 - 180	70 – 80"
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Add the following to Article 1032.06 of the Standard Specifications:

"(g) Non Tracking Emulsified Asphalt SS-1vh:

Requirements for SS-1vh			
Test		SPEC	AASHTO Test Method
Saybolt Viscosity @ 25C,	SFS	20-200	T 72
Storage Stability, 24hr.,	%	1 max.	T 59
Residue by Evaporation,	%	50 min.	T 59
Sieve Test,	%	0.3 max.	T 59
Tests on Residue from Evaporation			
Penetration @25°C, 100g., 5 sec., dmm		20 max.	T 49
Softening Point,	°C	65 min.	T 53
Solubility,	%	97.5 min.	T 44
Orig. DSR @ 82°C,	kPa	1.00 min.	T 315"

Revise the last table of Article 1032.06 to read:

"Grade	Use
SS-1, SS-1h, CSS-1, CSS-1h, HFE-90, SS-1hP, CSS-1hP, SS-1vh	Prime or fog seal
PEP	Bituminous surface treatment prime
RS-2, HFE-90, HFE-150, HFE- 300, CRSP, HFP, CRS-2, HFRS-2	Bituminous surface treatment
CSS-1h Latex Modified	Microsurfacing"

Add the following to Article 1101 of the Standard Specifications:

"1101.19 Regenerative Air Vacuum Sweeper. The regenerative air vacuum sweeper shall blast re-circulated, filtered air through a vacuum head having a minimum width of 6.0 feet at a minimum rate of 20,000 cubic feet per minute."

TEMPORARY SIDEWALK

Effective: March 14, 2012

This work shall consist of placing Temporary Sidewalk at the locations shown in the plans or as directed by the Engineer to temporarily patch the sidewalk. This work shall also include removing, disposing, and maintaining the Temporary Sidewalk before the permanent sidewalk is installed. All work shall conform to Section 424 of the Standard Specifications.

The Temporary Sidewalk shall consist of 5” of Aggregate Base Course Type B. This work shall not be paid separately but shall be considered included in the unit price per Square Foot for TEMPORARY SIDEWALK.

Temporary Sidewalk shall be measured in place for payment in Square Feet.

This work shall be paid for at the contract unit price per Square Foot for TEMPORARY SIDEWALK.

HOT-MIX ASPHALT PATCHING AND HOT-MIX ASPHALT BINDER AND SURFACE COURSE

Effective: August 18, 1993

Article 406.07 - Compaction. This is to modify the first paragraph of the subject Article. Immediately after the Binder or Surface Course Mixtures are placed, each shall be given an initial or breakdown rolling with a three wheeled or tandem roller. After the initial rolling, the Binder or Surface course shall be given an intermediate rolling with a pneumatic-tired roller. The final or finish rolling shall be done with a tandem roller or vibratory roller in the static mode only. If density can not be obtained with one three-wheeled or tandem roller, additional static rollers shall be added until density can be achieved.

This provision applies only to Stations 164+00 – 215+24.

CONCRETE GUTTER, CURB, MEDIAN, AND PAVED DITCH (BDE)

Effective: April 1, 2014

Add the following to Article 606.02 of the Standard Specifications:

“(i) Polyurethane Joint Sealant 1050.04”

Revise the fifth paragraph of Article 606.07 of the Standard Specifications to read:

“Transverse contraction and longitudinal construction joints shall be sealed according to Article 420.12, except transverse joints in concrete curb and gutter shall be sealed with polysulfide or polyurethane joint sealant.”

Add the following to Section 1050 of the Standard Specifications:

“1050.04 Polyurethane Joint Sealant. The joint sealant shall be a polyurethane sealant, Type S, Grade NS, Class 25, Use T, according to ASTM C 920.”

CONCRETE MIX DESIGN – DEPARTMENT PROVIDED (BDE)

Effective: January 1, 2012

Revised: January 1, 2014

For the concrete mix design requirements in Article 1020.05(a) of the Supplemental Specifications and Recurring Special Provisions, the Contractor has the option to request the Engineer determine mix design material proportions for Class PV, PP, RR, BS, DS, SC, and SI concrete. A single mix design for each class of concrete will be provided. Acceptance by the Contractor to use the mix design developed by the Engineer shall not relieve the Contractor from meeting specification requirements.

CONTRACT CLAIMS (BDE)

Effective: April 1, 2014

Revise the first paragraph of Article 109.09(a) of the Standard Specifications to read:

“(a) Submission of Claim. All claims filed by the Contractor shall be in writing and in sufficient detail to enable the Department to ascertain the basis and amount of the claim. As a minimum, the following information must accompany each claim submitted.”

Revise Article 109.09(e) of the Standard Specifications to read:

“(e) Procedure. The Department provides two administrative levels for claims review.

Level I Engineer of Construction

Level II Chief Engineer/Director of Highways or Designee

- (1) Level I. All claims shall first be submitted at Level I. Two copies each of the claim and supporting documentation shall be submitted simultaneously to the District and the Engineer of Construction. The Engineer of Construction, in consultation with the District, will consider all information submitted with the claim and render a decision on the claim within 90 days after receipt by the Engineer of Construction. Claims not conforming to this Article will be returned without consideration. The Engineer of Construction may schedule a claim presentation meeting if in the Engineer of Construction’s judgment such a meeting would aid in resolution of the claim, otherwise a decision will be made based on the claim documentation submitted. If a Level I decision is not rendered within 90 days of receipt of the claim, or if the Contractor disputes the decision, an appeal to Level II may be made by the Contractor.

- (2) Level II. An appeal to Level II shall be made in writing to the Engineer of Construction within 45 days after the date of the Level I decision. Review of the claim at Level II shall be conducted as a full evaluation of the claim. A claim presentation meeting may be scheduled if the Chief Engineer/Director of Highways determines that such a meeting would aid in resolution of the claim, otherwise a decision will be made based on the claim documentation submitted. A Level II final decision will be rendered within 90 days of receipt of the written request for appeal.

Full compliance by the Contractor with the provisions specified in this Article is a contractual condition precedent to the Contractor's right to seek relief in the Court of Claims. The Director's written decision shall be the final administrative action of the Department. Unless the Contractor files a claim for adjudication by the Court of Claims within 60 days after the date of the written decision, the failure to file shall constitute a release and waiver of the claim."

DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION (BDE)

Effective: September 1, 2000

Revised: August 2, 2011

FEDERAL OBLIGATION. The Department of Transportation, as a recipient of federal financial assistance, is required to take all necessary and reasonable steps to ensure nondiscrimination in the award and administration of contracts. Consequently, the federal regulatory provisions of 49 CFR Part 26 apply to this contract concerning the utilization of disadvantaged business enterprises. For the purposes of this Special Provision, a disadvantaged business enterprise (DBE) means a business certified by the Department in accordance with the requirements of 49 CFR Part 26 and listed in the Illinois Unified Certification Program (IL UCP) DBE Directory.

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

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

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

OVERALL GOAL SET FOR THE DEPARTMENT. As a requirement of compliance with 49 CFR Part 26, the Department has set an overall goal for DBE participation in its federally assisted contracts. That goal applies to all federal-aid funds the Department will expend in its federally assisted contracts for the subject reporting fiscal year. The Department is required to make a good faith effort to achieve the overall goal. The dollar amount paid to all approved DBE companies performing work called for in this contract is eligible to be credited toward fulfillment of the Department's overall goal.

CONTRACT GOAL TO BE ACHIEVED BY THE CONTRACTOR. This contract includes a specific DBE utilization goal established by the Department. The goal has been included because the Department has determined that the work of this contract has subcontracting opportunities that may be suitable for performance by DBE companies. The 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 **5.00%** of the work. This percentage is set as the DBE participation goal for this contract. Consequently, in addition to the other award criteria established for this contract, the Department will only 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 for in this Special Provision:

- (a) The bidder documents that enough 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 shall consult the IL UCP DBE Directory as a reference source for DBE-certified companies. In addition, the Department maintains a letting and item specific DBE locator information system whereby DBE companies can register their interest in providing quotes on particular bid items advertised for letting. Information concerning DBE companies willing to quote work for particular contracts may be obtained by contacting the Department's Bureau of Small Business Enterprises at telephone number (217)785-4611, or by visiting the Department's website at www.dot.il.gov.

BIDDING PROCEDURES. Compliance with this Special Provision is a material bidding requirement. The failure of the bidder to comply will render the bid not responsive.

- (a) The bidder shall submit a Disadvantaged Business Utilization Plan on Department forms SBE 2025 and 2026 with the bid.
- (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. For bidding purposes, submission of the completed SBE 2025 forms, signed by the DBEs and faxed to the bidder will be acceptable as long as the original is available and provided upon request. All elements of information indicated on the said form shall be provided, including but not limited to the following:
- (1) The names and addresses of DBE firms that will participate in the contract;
 - (2) A description, including pay item numbers, of the work each DBE will perform;
 - (3) The dollar amount of the participation of each DBE firm participating. The dollar amount of participation for identified work shall specifically state 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) DBE Participation Commitment Statements, form SBE 2025, signed by the bidder and each participating DBE firm documenting the commitment to use the DBE subcontractors whose participation is submitted to meet the contract goal;
 - (5) if the bidder is a joint venture comprised of DBE companies and non-DBE companies, the plan must also include a clear identification of the portion of the work to be performed by the DBE partner(s); and,
 - (6) If the contract goal is not met, evidence of good faith efforts.

GOOD FAITH EFFORT PROCEDURES. The contract will not be awarded until the Utilization Plan submitted by the apparent successful bidder is approved. All information submitted by the bidder must be complete, accurate and adequately document that enough DBE participation has been obtained or document that good faith efforts of the bidder, in the event enough DBE participation has not been obtained, before the Department will commit to the performance of the contract by the bidder. The Utilization Plan will be approved by the Department if the Utilization Plan documents sufficient commercially useful DBE work performance to meet the contract goal or the bidder submits sufficient documentation of a good faith effort to meet the contract goal pursuant to 49 CFR Part 26, Appendix A. The Utilization Plan will not be approved by the Department if the Utilization Plan does not document sufficient DBE participation to meet the contract goal unless the apparent successful bidder documented in the Utilization Plan that it made a good faith effort 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, by their scope, intensity and appropriateness to the objective, could reasonably be expected to obtain sufficient DBE participation, even if they were not successful. The Department will consider the quality, quantity, and intensity of the kinds of efforts that the bidder has made. Mere *pro forma* efforts, in other words, efforts done as a matter of form, are not good faith efforts; rather, the bidder is expected to have taken genuine 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 apparent successful 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 the bidder has failed to meet the requirements of this Special Provision or that a good faith effort has not been made, the Department will notify the responsible company official designated in the Utilization Plan that the bid is not responsive. The notification shall include a statement of reasons for the determination.
- (c) The bidder may request administrative reconsideration of a determination adverse to the bidder within the five working days after the receipt of 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 determination shall become final if a request is not made and delivered. A request may provide additional written documentation and/or argument concerning the issues raised in the determination statement of reasons, provided the documentation and arguments address efforts made prior to submitting the bid. 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 documentation and 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 consideration, 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.

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

- (a) DBE as the Contractor: 100 percent goal credit for that portion of the work performed by the DBE's own forces, including the cost of materials and supplies. Work that a DBE subcontracts to a non-DBE does not count toward the DBE goals.
- (b) DBE as a joint venture Contractor: 100 percent goal credit for that portion of the total dollar value of the contract equal to the distinct, clearly defined portion of the work performed by the DBE's own forces.
- (c) DBE as a subcontractor: 100 percent goal credit for the work of the subcontract performed by the DBE's own forces, including the cost of materials and supplies, excluding the purchase of materials and supplies or the lease of equipment by the DBE subcontractor from the prime Contractor or its affiliates. Work that a DBE subcontractor in turn subcontracts to a non-DBE does not count toward the DBE goal.
- (d) DBE as a trucker: 100 percent goal credit for trucking participation provided the DBE is responsible for the management and supervision of the entire trucking operation for which it is responsible. At least one truck owned, operated, licensed, and insured by the DBE must be used on the contract. Credit will be given for the following:
 - (1) The DBE may lease trucks from another DBE firm, including an owner-operator who is certified as a DBE. The DBE who leases trucks from another DBE receives credit for the total value of the transportation services the lessee DBE provides on the contract.
 - (2) The DBE may also lease trucks from a non-DBE firm, including from an owner-operator. The DBE who leases trucks from a non-DBE is entitled to credit only for the fee or commission it receives as a result of the lease arrangement.

(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 of 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.

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 Utilization 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. All work indicated for performance by an approved DBE shall be performed, managed, and supervised by the DBE executing the Participation Statement.

- (a) NO AMENDMENT. 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) TERMINATION OR REPLACEMENT. The Contractor shall not terminate or replace a DBE listed on the approved Utilization Plan, or perform with other forces work designated for a listed DBE except as provided in the Special Provision.
- (c) CHANGES TO WORK. Any deviation from the DBE condition-of-award or contract plans, specifications, or special provisions must be approved, in writing, by the Department as provided elsewhere in the Contract. The Contractor shall notify affected DBEs in writing of any changes in the scope of work which result in a reduction in the dollar amount condition-of-award to the contract. Where the revision includes work committed to a new DBE subcontractor, not previously involved in the project, then a Request for Approval of Subcontractor, Department form BC 260A, must be signed and submitted. If the commitment of work is in the form of additional tasks assigned to an existing subcontract, then a new Request for Approval of Subcontractor shall not be required. However, the Contractor must document efforts to assure that the existing DBE subcontractor is capable of performing the additional work and has agreed in writing to the change.

(d) ALTERNATIVE WORK METHODS. In addition to the above requirements for reductions in the condition of award, additional requirements apply to the two cases of Contractor-initiated work substitution proposals. Where the contract allows alternate work methods which serve to delete or create underruns in condition of award DBE work, and the Contractor selects that alternate method or, where the Contractor proposes a substitute work method or material that serves to diminish or delete work committed to a DBE and replace it with other work, then the Contractor must demonstrate one of the following:

- (1) That the replacement work will be performed by the same DBE (as long as the DBE is certified in the respective item of work) in a modification of the condition of award; or
- (2) That the DBE is aware that its work will be deleted or will experience underruns and has agreed in writing to the change. If this occurs, the Contractor shall substitute other work of equivalent value to a certified DBE or provide documentation of good faith efforts to do so; or
- (3) That the DBE is not capable of performing the replacement work or has declined to perform the work at a reasonable competitive price. If this occurs, the Contractor shall substitute other work of equivalent value to a certified DBE or provide documentation of good faith efforts to do so.

(e) TERMINATION AND REPLACEMENT PROCEDURES. The Contractor shall not terminate or replace a DBE subcontractor listed in the approved Utilization Plan without prior written consent. This includes, but is not limited to, instances in which the Contractor seeks to perform work originally designated for a DBE subcontractor with its own forces or those of an affiliate, a non-DBE firm, or with another DBE firm. Written consent will be granted only if the Bureau of Small Business Enterprises agrees, for reasons stated in its concurrence document, that the Contractor has good cause to terminate or replace the DBE firm. Before transmitting to the Bureau of Small Business Enterprises any request to terminate and/or substitute a DBE subcontractor, the Contractor shall give notice in writing to the DBE subcontractor, with a copy to the Bureau, of its intent to request to terminate and/or substitute, and the reason for the request. The Contractor shall give the DBE five days to respond to the Contractor's notice. The DBE so notified shall advise the Bureau and the Contractor of the reasons, if any, why it objects to the proposed termination of its subcontract and why the Bureau should not approve the Contractor's action. If required in a particular case as a matter of public necessity, the Bureau may provide a response period shorter than five days.

For purposes of this paragraph, good cause includes the following circumstances:

- (1) The listed DBE subcontractor fails or refuses to execute a written contract;
- (2) The listed DBE subcontractor fails or refuses to perform the work of its subcontract in a way consistent with normal industry standards. Provided, however, that good cause does not exist if the failure or refusal of the DBE subcontractor to perform its work on the subcontract results from the bad faith or discriminatory action of the prime contractor;

- (3) The listed DBE subcontractor fails or refuses to meet the prime Contractor's reasonable, nondiscriminatory bond requirements;
- (4) The listed DBE subcontractor becomes bankrupt, insolvent, or exhibits credit unworthiness;
- (5) The listed DBE subcontractor is ineligible to work on public works projects because of suspension and debarment proceedings pursuant 2 CFR Parts 180, 215 and 1,200 or applicable state law.
- (6) You have determined that the listed DBE subcontractor is not a responsible contractor;
- (7) The listed DBE subcontractor voluntarily withdraws from the projects and provides to you written notice of its withdrawal;
- (8) The listed DBE is ineligible to receive DBE credit for the type of work required;
- (9) A DBE owner dies or becomes disabled with the result that the listed DBE contractor is unable to complete its work on the contract;
- (10) Other documented good cause that compels the termination of the DBE subcontractor. Provided, that good cause does not exist if the prime Contractor seeks to terminate a DBE it relied upon to obtain the contract so that the prime Contractor can self-perform the work for which the DBE contractor was engaged or so that the prime Contractor can substitute another DBE or non-DBE contractor after contract award.

When a DBE is terminated, or fails to complete its work on the Contract for any reason the Contractor shall make a good faith effort to find another DBE to substitute for the original DBE to perform at least the same amount of work under the contract as the terminated DBE to the extent needed to meet the established Contract goal.

- (f) PAYMENT RECORDS. The Contractor shall maintain a record of payments for work performed to the DBE participants. The records shall be made available to the Department for inspection upon request. After the performance of the final item of work or delivery of material by a DBE and final payment therefore to the DBE by the Contractor, but not later than thirty calendar days after payment has been made by the Department to the Contractor for such work or material, the Contractor shall submit a DBE Payment Agreement on Department form SBE 2115 to the Regional Engineer. If full and final payment has not been made to the DBE, the DBE Payment Agreement shall indicate whether a disagreement as to the payment required exists between the Contractor and the DBE or if the Contractor believes that the work has not been satisfactorily completed. If the Contractor does not have the full amount of work indicated in the Utilization Plan performed by the BDE companies indicated in the Utilization Plan and after good faith efforts are reviewed, the Department may deduct from contract payments to the Contractor the amount of the goal not achieved as liquidated and ascertained damages. The Contractor may request an administrative reconsideration of any amount deducted as damages pursuant to subsection (h) of this part.
- (g) ENFORCEMENT. 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.
- (h) RECONSIDERATION. 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.

FRICITION AGGREGATE (BDE)

Effective: January 1, 2011

Revise Article 1004.01(a)(4) of the Standard Specifications to read:

- " (4) Crushed Stone. Crushed stone shall be the angular fragments resulting from crushing undisturbed, consolidated deposits of rock by mechanical means. Crushed stone shall be divided into the following, when specified.
- a. Carbonate Crushed Stone. Carbonate crushed stone shall be either dolomite or limestone. Dolomite shall contain 11.0 percent or more magnesium oxide (MgO). Limestone shall contain less than 11.0 percent magnesium oxide (MgO).

- b. Crystalline Crushed Stone. Crystalline crushed stone shall be either metamorphic or igneous stone, including but is not limited to, quartzite, granite, rhyolite and diabase.”

Revise Article 1004.03(a) of the Standard Specifications to read:

“1004.03 Coarse Aggregate for Hot-Mix Asphalt (HMA). The aggregate shall be according to Article 1004.01 and the following.

(a) Description. The coarse aggregate for HMA shall be according to the following table.

Use	Mixture	Aggregates Allowed
Class A	Seal or Cover	<u>Allowed Alone or in Combination:</u> Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag Crushed Concrete
HMA All Other	Stabilized Subbase Shoulders or	<u>Allowed Alone or in Combination:</u> Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag ^{1/} Crushed Concrete
HMA High ESAL Low ESAL	Binder IL-25.0, IL-19.0, or IL-19.0L SMA Binder	<u>Allowed Alone or in Combination:</u> Crushed Gravel Carbonate Crushed Stone ^{2/} Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Concrete ^{3/}
HMA High ESAL Low ESAL	C Surface and Leveling Binder IL-12.5,IL-9.5, or IL-9.5L SMA Ndesign 50 Surface	<u>Allowed Alone or in Combination:</u> Crushed Gravel Carbonate Crushed Stone ^{2/} Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag ^{4/} Crushed Concrete ^{3/}

Use	Mixture	Aggregates Allowed	
HMA High ESAL	D Surface and Leveling Binder IL-12.5 or IL-9.5 SMA Ndesign 50 Surface	<u>Allowed Alone or in Combination:</u> Crushed Gravel Carbonate Crushed Stone (other than Limestone) ^{2/} Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) ^{5/} Crushed Steel Slag ^{4/ 5/} Crushed Concrete ^{3/}	
		<u>Other Combinations Allowed:</u>	
		<i>Up to...</i>	<i>With...</i>
		25% Limestone	Dolomite
		50% Limestone	Any Mixture D aggregate other than Dolomite
75% Limestone	Crushed Slag (ACBF) ^{5/} or Crushed Sandstone		
HMA High ESAL	E Surface IL-12.5 or IL-9.5 SMA Ndesign 80 Surface	<u>Allowed Alone or in Combination:</u> Crushed Gravel Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) ^{5/} Crushed Steel Slag ^{5/} Crushed Concrete ^{3/} No Limestone.	
		<u>Other Combinations Allowed:</u>	
		<i>Up to...</i>	<i>With...</i>
		50% Dolomite ^{2/}	Any Mixture E aggregate
		75% Dolomite ^{2/}	Crushed Sandstone, Crushed Slag (ACBF) ^{5/} , Crushed Steel Slag ^{5/} , or Crystalline Crushed Stone

Use	Mixture	Aggregates Allowed	
		75% Crushed Gravel or Concrete ^{3/}	Crushed Sandstone, Crystalline Crushed Stone, Crushed Slag (ACBF) ^{5/} , or Crushed Steel Slag ^{5/}
HMA High ESAL	F Surface IL-12.5 or IL-9.5 SMA Ndesign 80 Surface	<u>Allowed Alone or in Combination:</u> Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) ^{5/} Crushed Steel Slag ^{5/} No Limestone.	
		<u>Other Combinations Allowed:</u>	
		<i>Up to...</i>	<i>With...</i>
		50% Crushed Gravel, Concrete ^{3/} , Dolomite ^{2/}	Crushed Sandstone, Crushed Slag (ACBF) ^{5/} , Crushed Steel Slag ^{5/} , or Crystalline Crushed Stone

- 1/ Crushed steel slag allowed in shoulder surface only.
- 2/ Carbonate crushed stone shall not be used in SMA Ndesign 80. In SMA Ndesign 50, carbonate crushed stone shall not be blended with any of the other aggregates allowed alone in Ndesign 50 SMA binder or Ndesign 50 SMA surface.
- 3/ Crushed concrete will not be permitted in SMA mixes.
- 4/ Crushed steel slag shall not be used as leveling binder.
- 5/ When either slag is used, the blend percentages listed shall be by volume.”

HOT-MIX ASPHALT – MIXTURE DESIGN COMPOSITION AND VOLUMETRIC REQUIREMENTS (BDE)

Effective: November 1, 2013

Revise Article 406.14(b) of the Standard Specifications to read.

“(b) If the HMA placed during the initial test strip (1) is determined to be unacceptable to remain in place by the Engineer, and (2) was not produced within 2.0 to 6.0 percent air voids or within the individual control limits of the JMF, the mixture and test strip will not be paid for and the mixture shall be removed at the Contractor’s expense. An additional test strip and mixture will be paid for in full, if produced within 2.0 to 6.0 percent air voids and within the individual control limits of the JMF.”

Revise Article 406.14(c) of the Standard Specifications to read.

“(c) If the HMA placed during the initial test strip (1) is determined to be unacceptable to remain in place by the Engineer, and (2) was produced within 2.0 to 6.0 percent air voids and within the individual control limits of the JMF, the mixture shall be removed. Removal will be paid in accordance to Article 109.04. This initial mixture and test strip will be paid for at the contract unit prices. The additional mixture will be paid for at the contract unit price, and any additional test strips will be paid for at one half the unit price of each test strip.”

Revise Article 1030.04(a)(1) of the Standard Specifications to read.

“(1) High ESAL Mixtures. The Job Mix Formula (JMF) shall fall within the following limits.

High ESAL, MIXTURE COMPOSITION (% PASSING) ^{1/}										
Sieve Size	IL-25.0 mm		IL-19.0 mm		IL-12.5 mm		IL-9.5 mm		IL-4.75 mm	
	min	max	min	max	min	max	min	max	min	max
1 1/2 in. (37.5 mm)		100								
1 in. (25 mm)	90	100		100						
3/4 in. (19 mm)		90	82	100		100				
1/2 in. (12.5 mm)	45	75	50	85	90	100		100		100
3/8 in. (9.5 mm)						89	90	100		100
#4 (4.75 mm)	24	42 ^{2/}	24	50 ^{2/}	28	65	32	69	90	100
#8 (2.36 mm)	16	31	20	36	28	48 ^{3/}	32	52 ^{3/}	70	90
#16 (1.18 mm)	10	22	10	25	10	32	10	32	50	65
#50 (300 μm)	4	12	4	12	4	15	4	15	15	30
#100 (150 μm)	3	9	3	9	3	10	3	10	10	18
#200 (75 μm)	3	6	3	6	4	6	4	6	7	9
Ratio Dust/Asphalt Binder		1.0		1.0		1.0		1.0		1.0 ^{4/}

1/ Based on percent of total aggregate weight.

2/ The mixture composition shall not exceed 40 percent passing the #4 (4.75 mm) sieve for binder courses with Ndesign ≥ 90.

3/ The mixture composition shall not exceed 44 percent passing the #8 (2.36 mm) sieve for surface courses with Ndesign ≥ 90.

4/ Additional minus No. 200 (0.075 mm) material required by the mix design shall be mineral filler, unless otherwise approved by the Engineer.”

Delete Article 1030.04(a)(4) of the Standard Specifications.

Revise Article 1030.04(b)(1) of the Standard Specifications to read.

“(1) High ESAL Mixtures. The target value for the air voids of the HMA shall be 4.0 percent at the design number of gyrations. The VMA and VFA of the HMA design shall be based on the nominal maximum size of the aggregate in the mix, and shall conform to the following requirements.

VOLUMETRIC REQUIREMENTS High ESAL						
Ndesign	Voids in the Mineral Aggregate (VMA), % minimum					Voids Filled with Asphalt Binder (VFA), %
	IL-25.0	IL-19.0	IL-12.5	IL-9.5	IL-4.75 ^{1/}	
50	12.0	13.0	14.0	15.0	18.5	65 – 78 ^{2/}
70					65 - 75	
90						
105						

1/ Maximum Draindown for IL-4.75 shall be 0.3 percent

2/ VFA for IL-4.75 shall be 76-83 percent”

Delete Article 1030.04(b)(4) of the Standard Specifications.

Revise the Control Limits Table in Article 1030.05(d)(4) of the Standard Specifications to read.

"CONTROL LIMITS					
Parameter	High ESAL Low ESAL	High ESAL Low ESAL	All Other	IL-4.75	IL-4.75
	Individual Test	Moving Avg. of 4	Individual Test	Individual Test	Moving Avg. of 4
% Passing: ^{1/}					
1/2 in. (12.5 mm)	± 6 %	± 4 %	± 15 %		
No. 4 (4.75 mm)	± 5 %	± 4 %	± 10 %		
No. 8 (2.36 mm)	± 5 %	± 3 %			
No. 16 (1.18 mm)				± 4 %	± 3 %
No. 30 (600 µm)	± 4 %	± 2.5 %			
Total Dust Content No. 200 (75 µm)	± 1.5 %	± 1.0 %	± 2.5 %	± 1.5 %	± 1.0 %
Asphalt Binder Content	± 0.3 %	± 0.2 %	± 0.5 %	± 0.3 %	± 0.2 %
Voids	± 1.2 %	± 1.0 %	± 1.2 %	± 1.2 %	± 1.0 %
VMA	-0.7 % ^{2/}	-0.5 % ^{2/}		-0.7 % ^{2/}	-0.5 % ^{2/}

1/ Based on washed ignition oven

2/ Allowable limit below minimum design VMA requirement"

HOT-MIX ASPHALT – MIXTURE DESIGN VERIFICATION AND PRODUCTION (BDE)

Effective: November 1, 2013

Description. This special provision provides the requirements for Hamburg Wheel and tensile strength testing for High ESAL, IL-4.75, and Stone Matrix Asphalt (SMA) hot-mix asphalt (HMA) mixes during mix design verification and production. This special provision also provides the plant requirements for hydrated lime addition systems used in the production of High ESAL, IL-4.75, and SMA mixes.

Mix Design Testing. Add the following to Article 1030.04 of the Standard Specifications:

“(d) Verification Testing. High ESAL, IL-4.75, and SMA mix designs submitted for verification will be tested to ensure that the resulting mix designs will pass the required criteria for the Hamburg Wheel Test (Illinois Modified AASHTO T 324) and the Tensile Strength Test (Illinois Modified AASHTO T 283). The Department will perform a verification test on gyratory specimens compacted by the Contractor. If the mix fails the Department’s verification test, the Contractor shall make necessary changes to the mix and provide passing Hamburg Wheel and tensile strength test results from a private lab. The Department will verify the passing results.

All new and renewal mix designs shall meet the following requirements for verification testing.

- (1) Hamburg Wheel Test Criteria. The maximum allowable rut depth shall be 0.5 in. (12.5 mm). The minimum number of wheel passes at the 0.5 in. (12.5 mm) rut depth criteria shall be based on the high temperature binder grade of the mix as specified in the mix requirements table of the plans.

Illinois Modified AASHTO T 324 Requirements ^{1/}

PG Grade	Number of Passes
PG 58-xx (or lower)	5,000
PG 64-xx	7,500
PG 70-xx	15,000
PG 76-xx (or higher)	20,000

1/ When produced at temperatures of 275 ± 5 °F (135 ± 3 °C) or less, loose Warm Mix Asphalt shall be oven aged at 270 ± 5 °F (132 ± 3 °C) for two hours prior to gyratory compaction of Hamburg Wheel specimens.

- (2) Tensile Strength Criteria. The minimum allowable conditioned tensile strength shall be 415 kPa (60 psi) for non-polymer modified performance graded (PG) asphalt binder and 550 kPa (80 psi) for polymer modified PG asphalt binder. The maximum allowable unconditioned tensile strength shall be 1380 kPa (200 psi).”

Production Testing. Revise Article 1030.06(a) of the Standard Specifications to read:

- “(a) High ESAL, IL-4.75 and SMA Mixtures. For each contract, a 300 ton (275 metric tons) test strip will be required at the beginning of HMA production for each mixture with a quantity of 3000 tons (2750 metric tons) or more according to the Manual of Test Procedures for Materials “Hot Mix Asphalt Test Strip Procedures”.

Before start-up, target values shall be determined by applying gradation correction factors to the JMF when applicable. These correction factors shall be determined from previous experience. The target values, when approved by the Engineer, shall be used to control HMA production. Plant settings and control charts shall be set according to target values.

Before constructing the test strip, target values shall be determined by applying gradation correction factors to the JMF when applicable. After any JMF adjustment, the JMF shall become the Adjusted Job Mix Formula (AJMF). Upon completion of the first acceptable test strip, the JMF shall become the AJMF regardless of whether or not the JMF has been adjusted. If an adjustment/plant change is made, the Engineer may require a new test strip to be constructed. If the HMA placed during the initial test strip is determined to be unacceptable to remain in place by the Engineer, it shall be removed and replaced.

The limitations between the JMF and AJMF are as follows.

Parameter	Adjustment
1/2 in. (12.5 mm)	± 5.0 %
No. 4 (4.75 mm)	± 4.0 %
No. 8 (2.36 mm)	± 3.0 %
No. 30 (600 μm)	*
No. 200 (75 μm)	*
Asphalt Binder Content	± 0.3 %

* In no case shall the target for the amount passing be greater than the JMF.

Any adjustments outside the above limitations will require a new mix design.

Mixture sampled to represent the test strip shall include additional material sufficient for the Department to conduct Hamburg Wheel testing according to Illinois Modified AASHTO T324 (approximately 60 lb (27 kg) total).

The Contractor shall immediately cease production upon notification by the Engineer of failing Hamburg Wheel test. All prior produced material may be paved out provided all other mixture criteria is being met. No additional mixture shall be produced until the Engineer receives passing Hamburg Wheel tests.

The Department may conduct additional Hamburg Wheel tests on production material as determined by the Engineer.”

Revise the title of Article 1030.06(b) of the Standard Specifications to read:

“(b) Low ESAL and All Other Mixtures.”

System for Hydrated Lime Addition. Revise the fourth sentence of the third paragraph of Article 1030.04(c) of the Standard Specifications to read:

“The method of application shall be according to Article 1102.01(a)(10).”

Replace the first three sentences of the second paragraph of Article 1102.01(a)(10) of the Standard Specifications to read:

“When hydrated lime is used as the anti-strip additive, a separate bin or tank and feeder system shall be provided to store and accurately proportion the lime onto the aggregate either as a slurry, as dry lime applied to damp aggregates, or as dry lime injected onto the hot aggregates prior to adding the liquid asphalt cement. If the hydrated lime is added either as a slurry or as dry lime on damp aggregates, the lime and aggregates shall be mixed by a power driven pugmill to provide a uniform coating of the lime prior to entering the dryer. If dry hydrated lime is added to the hot dry aggregates in a dryer-drum plant, the lime shall be added in such a manner that the lime will not become entrained into the air stream of the dryer-drum and that thorough dry mixing shall occur prior to the injection point of the liquid asphalt. When a batch plant is used, the hydrated lime shall be added to the mixture in the weigh hopper or as approved by the Engineer.”

Basis of Payment. Replace the seventh paragraph of Article 406.14 of the Standard Specifications with the following:

“For mixes designed and verified under the Hamburg Wheel criteria, the cost of furnishing and introducing anti-stripping additives in the HMA will not be paid for separately, but shall be considered as included in the contract unit price of the HMA item involved.

If an anti-stripping additive is required for any other HMA mix, the cost of the additive will be paid for according to Article 109.04. The cost incurred in introducing the additive into the HMA will not be paid for separately, but shall be considered as included in the contract unit price of the HMA item involved.

No additional compensation will be awarded to the Contractor because of reduced production rates associated with the addition of the anti-stripping additive.”

PAVEMENT PATCHING (BDE)

Effective: January 1, 2010

Revise the first sentence of the second paragraph of Article 701.17(e)(1) of the Standard Specifications to read:

“In addition to the traffic control and protection shown elsewhere in the contract for pavement, two devices shall be placed immediately in front of each open patch, open hole, and broken pavement where temporary concrete barriers are not used to separate traffic from the work area.”

PAYROLLS AND PAYROLL RECORDS (BDE)

Effective: January 1, 2014

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

“STATEMENTS AND PAYROLLS

The payroll records shall include the worker’s name, the worker’s address, the worker’s telephone number when available, the worker’s social security number, the worker’s classification or classifications, the worker’s gross and net wages paid in each pay period, the worker’s number of hours worked each day, the worker’s starting and ending times of work each day. However, any Contractor or subcontractor who remits contributions to a fringe benefit fund that is not jointly maintained and jointly governed by one or more employers and one or more labor organization must additionally submit the worker’s hourly wage rate, the worker’s hourly overtime wage rate, the worker’s hourly fringe benefit rates, the name and address of each fringe benefit fund, the plan sponsor of each fringe benefit, if applicable, and the plan administrator of each fringe benefit, if applicable.

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

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

“IV. COMPLIANCE WITH THE PREVAILING WAGE ACT

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

2. Payroll Records. The Contractor and each subcontractor shall make and keep, for a period of five years from the later of the date of final payment under the contract or completion of the contract, records of the wages paid to his/her workers. The payroll records shall include the worker's name, the worker's address, the worker's telephone number when available, the worker's social security number, the worker's classification or classifications, the worker's gross and net wages paid in each pay period, the worker's number of hours worked each day, the worker's starting and ending times of work each day. However, any contractor or subcontractor who remits contributions to a fringe benefit fund that is not jointly maintained and jointly governed by one or more employers and one or more labor organization must additionally submit the worker's hourly wage rate, the worker's hourly overtime wage rate, the worker's hourly fringe benefit rates, the name and address of each fringe benefit fund, the plan sponsor of each fringe benefit, if applicable, and the plan administrator of each fringe benefit, if applicable. Upon seven business days' notice, these records shall be available at a location within the State, during reasonable hours, for inspection by the Department or the Department of Labor; and Federal, State, or local law enforcement agencies and prosecutors.

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

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

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

PORTLAND CEMENT CONCRETE EQUIPMENT (BDE)

Effective: November 1, 2013

Add the following to the first paragraph of Article 1103.03(a)(5) of the Standard Specifications to read:

“As an alternative to a locking key, the start and finish time for mixing may be automatically printed on the batch ticket. The start and finish time shall be reported to the nearest second.”

PROGRESS PAYMENTS (BDE)

Effective: November 2, 2013

Revise Article 109.07(a) of the Standard Specifications to read:

“(a) Progress Payments. At least once each month, the Engineer will make a written estimate of the quantity of work performed in accordance with the contract, and the value thereof at the contract unit prices. The amount of the estimate approved as due for payment will be vouchered by the Department and presented to the State Comptroller for payment. No amount less than \$1000.00 will be approved for payment other than the final payment.

Progress payments may be reduced by liens filed pursuant to Section 23(c) of the Mechanics' Lien Act, 770 ILCS 60/23(c).

If a Contractor or subcontractor has defaulted on a loan issued under the Department's Disadvantaged Business Revolving Loan Program (20 ILCS 2705/2705-610), progress payments may be reduced pursuant to the terms of that loan agreement. In such cases, the amount of the estimate related to the work performed by the Contractor or subcontractor, in default of the loan agreement, will be offset, in whole or in part, and vouchered by the Department to the Working Capital Revolving Fund or designated escrow account. Payment for the work shall be considered as issued and received by the Contractor or subcontractor on the date of the offset voucher. Further, the amount of the offset voucher shall be a credit against the Department's obligation to pay the Contractor, the Contractor's obligation to pay the subcontractor, and the Contractor's or subcontractor's total loan indebtedness to the Department. The offset shall continue until such time as the entire loan indebtedness is satisfied. The Department will notify the Contractor and Fund Control Agent in a timely manner of such offset. The Contractor or subcontractor shall not be entitled to additional payment in consideration of the offset.

The failure to perform any requirement, obligation, or term of the contract by the Contractor shall be reason for withholding any progress payments until the Department determines that compliance has been achieved.”

QUALITY CONTROL/QUALITY ASSURANCE OF CONCRETE MIXTURES (BDE)

Effective: January 1, 2012

Revised: January 1, 2014

Revise Note 7/ of Schedule B of Recurring Special Provision Check Sheet #31 of the Standard Specifications to read:

- 7/ The test of record for strength shall be the day indicated in Article 1020.04. For cement aggregate mixture II, a strength requirement is not specified and testing is not required. Additional strength testing to determine early falsework and form removal, early pavement or bridge opening to traffic, or to monitor strengths is at the discretion of the Contractor. Strength shall be defined as the average of two 6 x 12 in. (150 x 300 mm) cylinder breaks, three 4 x 8 in. (100 x 200 mm) cylinder breaks, or two beam breaks for field tests. Per Illinois Modified AASHTO T 23, cylinders shall be 6 x 12 in. (150 x 300 mm) when the nominal maximum size of the coarse aggregate exceeds 1 in. (25 mm).

RECLAIMED ASPHALT PAVEMENT AND RECLAIMED ASPHALT SHINGLES (BDE)

Effective: November 1, 2012

Revise: April 1, 2014

Revise Section 1031 of the Standard Specifications to read:

“SECTION 1031. RECLAIMED ASPHALT PAVEMENT AND RECLAIMED ASPHALT SHINGLES

1031.01 Description. Reclaimed asphalt pavement and reclaimed asphalt shingles shall be according to the following.

- (a) Reclaimed Asphalt Pavement (RAP). RAP is the material produced by cold milling or crushing an existing 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.
- (b) Reclaimed Asphalt Shingles (RAS). Reclaimed asphalt shingles (RAS). RAS is from the processing and grinding of preconsumer or post-consumer shingles. RAS shall be a clean and uniform material with a maximum of 0.5 percent unacceptable material, as defined in Bureau of Materials and Physical Research Policy Memorandum “Reclaimed Asphalt Shingle (RAS) Sources”, by weight of RAS. All RAS used shall come from a Bureau of Materials and Physical Research approved processing facility where it shall be ground and processed to 100 percent passing the 3/8 in. (9.5 mm) sieve and 93 percent passing the #4 (4.75 mm) sieve based on a dry shake gradation. RAS shall be uniform in gradation and asphalt binder content and shall meet the testing requirements specified herein. In addition, RAS shall meet the following Type 1 or Type 2 requirements.

- (1) Type 1. Type 1 RAS shall be processed, preconsumer asphalt shingles salvaged from the manufacture of residential asphalt roofing shingles.
- (2) Type 2. Type 2 RAS shall be processed post-consumer shingles only, salvaged from residential, or four unit or less dwellings not subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP).

1031.02 Stockpiles. RAP and RAS stockpiles shall be according to the following.

- (a) RAP 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 provide documentation on the quality of the RAP to clarify the appropriate stockpile.

- (1) Fractionated RAP (FRAP). FRAP shall consist of RAP from Class I, HMA (High and Low ESAL) mixtures. The coarse aggregate in FRAP shall be crushed aggregate and may represent more than one aggregate type and/or quality but shall be at least C quality. All FRAP shall be fractionated prior to testing by screening into a minimum of two size fractions with the separation occurring on or between the #4 (4.75 mm) and 1/2 in. (12.5 mm) sieves. Agglomerations shall be minimized such that 100 percent of the RAP shall pass the sieve size specified below for the mix into which the FRAP will be incorporated.

Mixture FRAP will be used in:	Sieve Size that 100% of FRAP Shall Pass
IL-25.0	2 in. (50 mm)
IL-19.0	1 1/2 in. (40 mm)
IL-12.5	1 in. (25 mm)
IL-9.5	3/4 in. (20 mm)
IL-4.75	1/2 in. (13 mm)

- (2) Homogeneous. Homogeneous RAP stockpiles shall consist of RAP from Class I, HMA (High and Low ESAL) 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.

- (3) Conglomerate. Conglomerate RAP stockpiles shall consist of RAP from Class I, HMA (High and Low ESAL) mixtures. The coarse aggregate in this RAP shall be crushed aggregate and may represent more than one aggregate type and/or quality but shall be at least C quality. This RAP may have an inconsistent gradation and/or asphalt binder content prior to processing. All conglomerate RAP shall be processed prior to testing by crushing to where all RAP shall pass the 5/8 in. (16 mm) or smaller screen. Conglomerate RAP stockpiles shall not contain steel slag.
- (4) Conglomerate "D" Quality (DQ). Conglomerate DQ RAP stockpiles shall consist of RAP from Class I, HMA (High or Low ESAL), or "All Other" (as defined by Article 1030.04(a)(3)) 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.
- (5) Non-Quality. RAP stockpiles that do not meet the requirements of the stockpile categories listed above shall be classified as "Non-Quality".

RAP/FRAP 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.

- (b) RAS Stockpiles. Type 1 and Type 2 RAS shall be stockpiled separately and shall not be intermingled. Each stockpile shall be signed indicating what type of RAS is present.

Unless otherwise specified by the Engineer, mechanically blending manufactured sand (FM 20 or FM 22) up to an equal weight of RAS with the processed RAS will be permitted to improve workability. The sand shall be "B Quality" or better from an approved Aggregate Gradation Control System source. The sand shall be accounted for in the mix design and during HMA production.

Records identifying the shingle processing facility supplying the RAS, RAS type and lot number shall be maintained by project contract number and kept for a minimum of three years.

1031.03 Testing. RAP/FRAP and RAS testing shall be according to the following.

- (a) RAP/FRAP Testing. When used in HMA, the RAP/FRAP shall be sampled and tested either during or after stockpiling.
 - (1) During 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).

- (2) After Stockpiling. 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/FRAP 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.

Each sample shall be split to obtain two equal 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.

- (b) RAS Testing. RAS or RAS blended with manufactured sand shall be sampled and tested during stockpiling according to Illinois Department of Transportation Policy Memorandum, "Reclaimed Asphalt Shingle (RAS) Source".

Samples shall be collected during stockpiling at the minimum frequency of one sample per 200 tons (180 metric tons) for the first 1000 tons (900 metric tons) and one sample per 250 tons (225 metric tons) thereafter. A minimum of five samples are required for stockpiles less than 1000 tons (900 metric tons). Once a ≤ 1000 ton (900 metric ton), five-sample/test stockpile has been established it shall be sealed. Additional incoming RAS or RAS blended with manufactured sand shall be stockpiled in a separate working pile as designated in the Quality Control plan and only added to the sealed stockpile when the test results of the working pile are complete and are found to meet the tolerances specified herein for the original sealed RAS stockpile.

Before testing, each sample shall be split to obtain two test samples. One of the two test samples from the final split shall be labeled and stored for Department use. The Contractor shall perform a washed extraction and test for unacceptable materials on the other test sample according to Department procedures. The Engineer reserves the right to test any sample (split or Department-taken) to verify Contractor test results.

If the sampling and testing was performed at the shingle processing facility in accordance with the QC Plan, the Contractor shall obtain and make available all of the test results from start of the initial stockpile.

1031.04 Evaluation of Tests. Evaluation of tests results shall be according to the following.

- (a) Evaluation of RAP/FRAP 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	FRAP/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}	± 0.03	

1/ The tolerance for FRAP shall be ± 0.3 %.

If more than 20 percent of the individual sieves and/or asphalt binder content tests are out of the above tolerances, the RAP/FRAP shall not be used in HMA unless the RAP/FRAP 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)".

- (b) Evaluation of RAS and RAS Blended with Manufactured Sand Test Results. All of the test results, with the exception of percent unacceptable materials, shall be compiled and averaged for asphalt binder content and gradation. Individual test results, when compared to the averages, will be accepted if within the tolerances listed below.

Parameter	RAS
No. 8 (2.36 mm)	± 5 %
No. 16 (1.18 mm)	± 5 %
No. 30 (600 µm)	± 4 %
No. 200 (75 µm)	± 2.0 %
Asphalt Binder Content	± 1.5 %

If more than 20 percent of the individual sieves and/or asphalt binder content tests are out of the above tolerances, or if the percent unacceptable material exceeds 0.5 percent by weight of material retained on the # 4 (4.75 mm) sieve, the RAS or RAS blend shall not be used in Department projects. All test data and acceptance ranges shall be sent to the District for evaluation.

1031.05 Quality Designation of Aggregate in RAP/FRAP.

(a) RAP. The aggregate quality of the RAP for homogenous, conglomerate, and conglomerate "D" quality stockpiles shall be set by the lowest quality of coarse aggregate in the RAP stockpile and are designated as follows.

- (1) RAP from Class I, Superpave/HMA (High ESAL), or (Low ESAL) IL-9.5L surface mixtures are designated as containing Class B quality coarse aggregate.
- (2) RAP from Superpave/HMA (Low ESAL) IL-19.0L binder mixture is designated as Class D quality coarse aggregate.
- (3) RAP from Class I, Superpave/HMA (High ESAL) binder mixtures, bituminous base course mixtures, and bituminous base course widening mixtures are designated as containing Class C quality coarse aggregate.
- (4) RAP from bituminous stabilized subbase and BAM shoulders are designated as containing Class D quality coarse aggregate.

(b) FRAP. If the Engineer has documentation of the quality of the FRAP aggregate, the Contractor shall use the assigned quality provided by the Engineer.

If the quality is not known, the quality shall be determined as follows. Coarse and fine FRAP stockpiles containing plus #4 (4.75 mm) sieve coarse aggregate shall have a maximum tonnage of 5,000 tons (4,500 metric tons). The Contractor shall obtain a representative sample witnessed by the Engineer. The sample shall be a minimum of 50 lb (25 kg). The sample shall be extracted according to Illinois Modified AASHTO T 164 by a consultant prequalified by the Department for the specified testing. The consultant shall submit the test results along with the recovered aggregate to the District Office. The cost for this testing shall be paid by the Contractor. The District will forward the sample to the BMPR Aggregate Lab for MicroDeval Testing, according to Illinois Modified AASHTO T 327. A maximum loss of 15.0 percent will be applied for all HMA applications.

1031.06 Use of RAP/FRAP and/or RAS in HMA. The use of RAP/FRAP and/or RAS shall be a Contractor's option when constructing HMA in all contracts.

(a) RAP/FRAP. The use of RAP/FRAP in HMA shall be as follows.

- (1) 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.
- (2) Steel Slag Stockpiles. Homogeneous RAP stockpiles containing steel slag will be approved for use in all HMA (High ESAL and Low ESAL) Surface and Binder Mixture applications.

- (3) Use in HMA Surface Mixtures (High and Low ESAL). RAP/FRAP stockpiles for use in HMA surface mixtures (High and Low ESAL) shall be FRAP or homogeneous in which the coarse aggregate is Class B quality or better. RAP/FRAP from Conglomerate stockpiles shall be considered equivalent to limestone for frictional considerations. Known frictional contributions from plus #4 (4.75 mm) homogeneous RAP and FRAP stockpiles will be accounted for in meeting frictional requirements in the specified mixture.
 - (4) Use in HMA Binder Mixtures (High and Low ESAL), HMA Base Course, and HMA Base Course Widening. RAP/FRAP stockpiles for use in HMA binder mixtures (High and Low ESAL), HMA base course, and HMA base course widening shall be FRAP, homogeneous, or conglomerate, in which the coarse aggregate is Class C quality or better.
 - (5) Use in Shoulders and Subbase. RAP/FRAP stockpiles for use in HMA shoulders and stabilized subbase (HMA) shall be FRAP, homogeneous, conglomerate, or conglomerate DQ.
 - (6) When the Contractor chooses the RAP option, the percentage of RAP shall not exceed the amounts indicated in Article 1031.06(c)(1) below for a given N Design.
- (b) RAS. RAS meeting Type 1 or Type 2 requirements will be permitted in all HMA applications as specified herein.
- (c) RAP/FRAP and/or RAS Usage Limits. Type 1 or Type 2 RAS may be used alone or in conjunction with RAP or FRAP in HMA mixtures up to a maximum of 5.0% by weight of the total mix.
- (1) RAP/RAS. When RAP is used alone or RAP is used in conjunction with RAS, the percentage of virgin asphalt binder replacement shall not exceed the amounts listed in the Max RAP/RAS ABR table listed below for the given Ndesign.

RAP/RAS Maximum Asphalt Binder Replacement (ABR) Percentage

HMA Mixtures ^{1/, 2/}	RAP/RAS Maximum ABR %		
Ndesign	Binder/Leveling Binder	Surface	Polymer Modified
30	30	30	10
50	25	15	10
70	15	10	10
90	10	10	10
105	10	10	10

1/ For HMA “All Other” (shoulder and stabilized subbase) N-30, the RAP/RAS ABR shall not exceed 50 percent of the mixture.

2/ When RAP/RAS ABR exceeds 20 percent, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent ABR would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-28). If warm mix asphalt (WMA) technology is utilized, and production temperatures do not exceed 275 °F (135 °C) the high and low virgin asphalt binder grades shall each be reduced by one grade when RAP/RAS ABR exceeds 25 percent (i.e. 26 percent RAP/RAS ABR would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-28).

(2) FRAP/RAS. When FRAP is used alone or FRAP is used in conjunction with RAS, the percentage of virgin asphalt binder replacement shall not exceed the amounts listed in the FRAP/RAS table listed below for the given N design.

FRAP/RAS Maximum Asphalt Binder Replacement (ABR) Percentage

HMA Mixtures <i>1/, 2/</i>	FRAP/RAS Maximum ABR %		
	Ndesign	Binder/Leveling Binder	Surface
30	50	40	10
50	40	35	10
70	40	30	10
90	40	30	10
105	40	30	10

- 1/ For HMA “All Other” (shoulder and stabilized subbase) N30, the FRAP/RAS ABR shall not exceed 50 percent of the mixture.
- 2/ When FRAP/RAS ABR exceeds 20 percent for all mixes the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent ABR would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-28). If warm mix asphalt (WMA) technology is utilized, and production temperatures do not exceed 275 °F (135 °C) the high and low virgin asphalt binder grades shall each be reduced by one grade when FRAP/RAS ABR exceeds 25 percent (i.e. 26 percent ABR would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-28).
- 3/ For SMA the FRAP/RAS ABR shall not exceed 20 percent.
- 4/ For IL-4.75 mix the FRAP/RAS ABR shall not exceed 30 percent.

1031.07 HMA Mix Designs. At the Contractor’s option, HMA mixtures may be constructed utilizing RAP/FRAP and/or RAS material meeting the detailed requirements specified herein.

- (a) RAP/FRAP and/or RAS. RAP/FRAP and/or RAS mix designs shall be submitted for verification. If additional RAP/FRAP 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/FRAP stockpile and HMA mix design, and meets all of the requirements herein, the additional RAP/FRAP stockpiles may be used in the original mix design at the percent previously verified.
- (b) RAS. Type 1 and Type 2 RAS are not interchangeable in a mix design. A RAS stone bulk specific gravity (Gsb) of 2.500 shall be used for mix design purposes.

1031.08 HMA Production. HMA production utilizing RAP/FRAP and/or RAS shall be as follows.

- (a) RAP/FRAP. The coarse aggregate in all RAP/FRAP 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, gator, 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/FRAP control tolerances or QC/QA test results require corrective action, the Contractor shall cease production of the mixture containing RAP/FRAP and either switch to the virgin aggregate design or submit a new RAP/FRAP design.

- (b) RAS. RAS shall be incorporated into the HMA mixture either by a separate weight depletion system or by using the RAP weigh belt. Either feed system shall be interlocked with the aggregate feed or weigh system to maintain correct proportions for all rates of production and batch sizes. The portion of RAS shall be controlled accurately to within ± 0.5 percent of the amount of RAS utilized. When using the weight depletion system, flow indicators or sensing devices shall be provided and interlocked with the plant controls such that the mixture production is halted when RAS flow is interrupted.

- (c) RAP/FRAP and/or RAS. HMA plants utilizing RAP/FRAP and/or RAS shall be capable of automatically recording and printing the following information.

(1) Dryer Drum Plants.

- a. Date, month, year, and time to the nearest minute for each print.
- b. HMA mix number assigned by the Department.
- c. Accumulated weight of dry aggregate (combined or individual) in tons (metric tons) to the nearest 0.1 ton (0.1 metric ton).
- d. Accumulated dry weight of RAP/FRAP/RAS in tons (metric tons) to the nearest 0.1 ton (0.1 metric ton).
- e. Accumulated mineral filler in revolutions, tons (metric tons), etc. to the nearest 0.1 unit.
- f. Accumulated asphalt binder in gallons (liters), tons (metric tons), etc. to the nearest 0.1 unit.

- g. Residual asphalt binder in the RAP/FRAP material as a percent of the total mix to the nearest 0.1 percent.
 - h. Aggregate and RAP/FRAP moisture compensators in percent as set on the control panel. (Required when accumulated or individual aggregate and RAP/FRAP are printed in wet condition.)
- (2) Batch Plants.
- a. Date, month, year, and time to the nearest minute for each print.
 - b. HMA mix number assigned by the Department.
 - c. Individual virgin aggregate hot bin batch weights to the nearest pound (kilogram).
 - d. Mineral filler weight to the nearest pound (kilogram).
 - e. RAP/FRAP/RAS weight to the nearest pound (kilogram).
 - f. Virgin asphalt binder weight to the nearest pound (kilogram).
 - g. Residual asphalt binder in the RAP/FRAP/RAS 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.

1031.09 RAP in Aggregate Surface Course and Aggregate Shoulders. The use of RAP in aggregate surface course (temporary access entrances only) and aggregate wedge shoulders Type B shall be as follows.

- (a) Stockpiles and Testing. RAP stockpiles may be any of those listed in Article 1031.02, except “Non-Quality” and “FRAP”. The testing requirements of Article 1031.03 shall not apply. RAP used to construct aggregate surface course and aggregate shoulders shall be according to the current Bureau of Materials and Physical Research’s Policy Memorandum, “Reclaimed Asphalt Pavement (RAP) for Aggregate Applications”.
- (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.”

REINFORCEMENT BARS (BDE)

Effective: November 1, 2013

Revise the first and second paragraphs of Article 508.05 of the Standard Specifications to read:

“508.05 Placing and Securing. All reinforcement bars shall be placed and tied securely at the locations and in the configuration shown on the plans prior to the placement of concrete. Manual welding of reinforcement may only be permitted on precast concrete products as indicated in the current Bureau of Materials and Physical Research Policy Memorandum “Quality Control / Quality Assurance Program for Precast Concrete Products”, and for precast prestressed concrete products as indicated in the Department’s current “Manual for Fabrication of Precast Prestressed Concrete Products”. Reinforcement bars shall not be placed by sticking or floating into place or immediately after placement of the concrete.

Bars shall be tied at all intersections, except where the center to center dimension is less than 1 ft (300 mm) in each direction, in which case alternate intersections shall be tied. Molded plastic clips may be used in lieu of wire to secure bar intersections, but shall not be permitted in horizontal bar mats subject to construction foot traffic or to secure longitudinal bar laps. Plastic clips shall adequately secure the reinforcement bars, and shall permit the concrete to flow through and fully encase the reinforcement. Plastic clips may be recycled plastic, and shall meet the approval of the Engineer. The number of ties as specified shall be doubled for lap splices at the stage construction line of concrete bridge decks when traffic is allowed on the first completed stage during the pouring of the second stage.”

Revise the fifth paragraph of Article 508.05 of the Standard Specifications to read:

“Supports for reinforcement in bridge decks shall be metal. For all other concrete construction the supports shall be metal or plastic. Metal bar supports shall be made of cold-drawn wire, or other approved material and shall be either epoxy coated, galvanized or plastic tipped. When the reinforcement bars are epoxy coated, the metal supports shall be epoxy coated. Plastic supports may be recycled plastic. Supports shall be provided in sufficient number and spaced to provide the required clearances. Supports shall adequately support the reinforcement bars, and shall permit the concrete to flow through and fully encase the reinforcement. The legs of supports shall be spaced to allow an opening that is a minimum 1.33 times the nominal maximum aggregate size used in the concrete. Nominal maximum aggregate size is defined as the largest sieve which retains any of the aggregate sample particles. All supports shall meet the approval of the Engineer.”

Revise the first sentence of the eighth paragraph of Article 508.05 of the Standard Specifications to read:

“Epoxy coated reinforcement bars shall be tied with plastic coated wire, epoxy coated wire, or molded plastic clips where allowed.”

Add the following sentence to the end of the first paragraph of Article 508.06(c) of the Standard Specifications:

“In addition, the total slip of the bars within the splice sleeve of the connector after loading in tension to 30 ksi (207 MPa) and relaxing to 3 ksi (20.7 MPa) shall not exceed 0.01 in. (254 microns).”

Revise Article 1042.03(d) of the Standard Specifications to read:

“(d) Reinforcement and Accessories: The concrete cover over all reinforcement shall be within $\pm 1/4$ in. (± 6 mm) of the specified cover.

Welded wire fabric shall be accurately bent and tied in place.

Miscellaneous accessories to be cast into the concrete or for forming holes and recesses shall be carefully located and rigidly held in place by bolts, clamps, or other effective means. If paper tubes are used for vertical dowel holes, or other vertical holes which require grouting, they shall be removed before transportation to the construction site.”

REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES (BDE)

Effective: January 1, 2012

Revised: November 2, 2012

Revise Article 669.01 of the Standard Specifications to read:

“**669.01 Description.** This work shall consist of the transportation and proper disposal of contaminated soil and water. This work shall also consist of the removal, transportation, and proper disposal of underground storage tanks (UST), their content and associated underground piping to the point where the piping is above the ground, including determining the content types and estimated quantities.”

Revise Article 669.08 of the Standard Specifications to read:

“**669.08 Contaminated Soil and/or Groundwater Monitoring.** The Contractor shall hire a qualified environmental firm to monitor the area containing the regulated substances. The affected area shall be monitored with a photoionization detector (PID) utilizing a lamp of 10.6eV or greater or a flame ionization detector (FID). Any field screen reading on the PID or FID in excess of background levels indicates the potential presence of contaminated material requiring handling as a non-special waste, special waste, or hazardous waste. No excavated soils can be taken to a clean construction and demolition debris (CCDD) facility or an uncontaminated soil fill operation with detectable PID or FID meter readings that are above background. The PID or FID meter shall be calibrated on-site and background level readings taken and recorded daily. All testing shall be done by a qualified engineer/technician. Such testing and monitoring shall be included in the work. The Contractor shall identify the exact limits of removal of non-special waste, special waste, or hazardous waste. All limits shall be approved by the Engineer prior to excavation. The Contractor shall take all necessary precautions.

Based upon the land use history of the subject property and/or PID or FID readings indicating contamination, a soil or groundwater sample shall be taken from the same location and submitted to an approved laboratory. Soil or groundwater samples shall be analyzed for the contaminants of concern, including pH, based on the property's land use history or the parameters listed in the maximum allowable concentration (MAC) for chemical constituents in uncontaminated soil established pursuant to Subpart F of 35 Illinois Administrative Code 1100.605. The analytical results shall serve to document the level of soil contamination. Soil and groundwater samples may be required at the discretion of the Engineer to verify the level of soil and groundwater contamination.

Samples shall be grab samples (not combined with other locations). The samples shall be taken with decontaminated or disposable instruments. The samples shall be placed in sealed containers and transported in an insulated container to the laboratory. The container shall maintain a temperature of 39 °F (4 °C). All samples shall be clearly labeled. The labels shall indicate the sample number, date sampled, location and elevation, and any other observations.

The laboratory shall use analytical methods which are able to meet the lowest appropriate practical quantitation limits (PQL) or estimated quantitation limit (EQL) specified in "Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods", EPA Publication No. SW-846 and "Methods for the Determination of Organic Compounds in Drinking Water", EPA, EMSL, EPA-600/4-88/039. For parameters where the specified cleanup objective is below the acceptable detection limit (ADL), the ADL shall serve as the cleanup objective. For other parameters the ADL shall be equal to or below the specified cleanup objective."

Replace the first two paragraphs of Article 669.09 of the Standard Specifications with the following:

"669.09 Contaminated Soil and/or Groundwater Management and Disposal. The management and disposal of contaminated soil and/or groundwater shall be according to the following:

- (a) Soil Analytical Results Exceed Most Stringent MAC. When the soil analytical results indicate that detected levels exceed the most stringent maximum allowable concentration (MAC) for chemical constituents in uncontaminated soil established pursuant to Subpart F of 35 Illinois Administrative Code 1100.605, the soil shall be managed as follows:
 - (1) When analytical results indicate inorganic chemical constituents exceed the most stringent MAC but they are still considered within area background levels by the Engineer, the excavated soil can be utilized within the construction limits as fill, when suitable. Such soil excavated for storm sewers can be placed back into the excavated trench as backfill, when suitable, unless trench backfill is specified. If the soils cannot be utilized within the construction limits, they shall be managed and disposed of off-site as a non-special waste, special waste, or hazardous waste as applicable.

- (2) When analytical results indicate chemical constituents exceed the most stringent MAC but do not exceed the MAC for a Metropolitan Statistical Area (MSA) County, the excavated soil can be utilized within the construction limits as fill, when suitable, or managed and disposed of off-site as “uncontaminated soil” at a CCDD facility or an uncontaminated soil fill operation within an MSA County provided the pH of the soil is within the range of 6.25 - 9.0, inclusive.
 - (3) When analytical results indicate chemical constituents exceed the most stringent MAC but do not exceed the MAC for an MSA County excluding Chicago, or the MAC within the Chicago corporate limits, the excavated soil can be utilized within the construction limits as fill, when suitable, or managed and disposed of off-site as “uncontaminated soil” at a CCDD facility or an uncontaminated soil fill operation within an MSA County excluding Chicago or within the Chicago corporate limits provided the pH of the soil is within the range of 6.25 - 9.0, inclusive.
 - (4) When analytical results indicate chemical constituents exceed the most stringent MAC but do not exceed the MAC for an MSA County excluding Chicago, the excavated soil can be utilized within the construction limits as fill, when suitable, or managed and disposed of off-site as “uncontaminated soil” at a CCDD facility or an uncontaminated soil fill operation within an MSA County excluding Chicago provided the pH of the soil is within the range of 6.25 - 9.0, inclusive.
 - (5) When the Engineer determines soil cannot be managed according to Articles 669.09(a)(1) through (a)(4) above, the soil shall be managed and disposed of off-site as a non-special waste, special waste, or hazardous waste as applicable.
- (b) Soil Analytical Results Do Not Exceed Most Stringent MAC. When the soil analytical results indicate that detected levels do not exceed the most stringent MAC but the pH of the soil is less than 6.25 or greater than 9.0, the excavated soil can be utilized within the construction limits or managed and disposed of off-site as “uncontaminated soil” according to Article 202.03. However the excavated soil cannot be taken to a CCDD facility or an uncontaminated soil fill operation.
- (c) Groundwater. When groundwater analytical results indicate the detected levels are above Appendix B, Table E of 35 Illinois Administrative Code 742, the most stringent Tier 1 Groundwater Remediation Objectives for Groundwater Component of the Groundwater Ingestion Route for Class 1 groundwater, the groundwater shall be managed off-site as a special waste.

All groundwater encountered within lateral trenches may be managed within the trench and allowed to infiltrate back into the ground. If the groundwater cannot be managed within the trench it must be removed as a special or hazardous waste. The Contractor is prohibited from managing groundwater within the trench by discharging it through any existing or new storm sewer. The Contractor shall install backfill plugs within the area of groundwater contamination.

One backfill plug shall be placed down gradient to the area of groundwater contamination. Backfill plugs shall be installed at intervals not to exceed 50 ft (15 m). Backfill plugs are to be 4 ft (1.2 m) long, measured parallel to the trench, full trench width and depth. Backfill plugs shall not have any fine aggregate bedding or backfill, but shall be entirely cohesive soil or any class of concrete. The Contractor shall provide test data that the material has a permeability of less than 10^{-7} cm/sec according to ASTM D 5084, Method A or per another test method approved by the Engineer.”

Revise Article 669.14 of the Standard Specifications to read:

“669.14 Final Environmental Construction Report. At the end of the project, the Contractor will prepare and submit three copies of the Environmental Construction Report on the activities conducted during the life of the project, one copy shall be submitted to the Resident Engineer, one copy shall be submitted to the District's Environmental Studies Unit, and one copy shall be submitted with an electronic copy in Adode.pdf format to the Geologic and Waste Assessment Unit, Bureau of Design and Environment, IDOT, 2300 South Dirksen Parkway, Springfield, Illinois 62764. The technical report shall include all pertinent information regarding the project including, but not limited to:

- (a) Measures taken to identify, monitor, handle, and dispose of soil or groundwater containing regulated substances, to prevent further migration of regulated substances, and to protect workers,
- (b) Cost of identifying, monitoring, handling, and disposing of soil or groundwater containing regulated substances, the cost of preventing further migration of regulated substances, and the cost for worker protection from the regulated substances. All cost should be in the format of the contract pay items listed in the contract plans (identified by the preliminary environmental site investigation (PESA) site number),
- (c) Plan sheets showing the areas containing the regulated substances,
- (d) Field sampling and testing results used to identify the nature and extent of the regulated substances,
- (e) Waste manifests (identified by the preliminary environmental site investigation (PESA) site number) for special or hazardous waste disposal, and
- (f) Landfill tickets (identified by the preliminary environmental site investigation (PESA) site number) for non-special waste disposal.”

Revise the second paragraph of Article 669.16 of the Standard Specifications to read:

“The transportation and disposal of soil and other materials from an excavation determined to be contaminated will be paid for at the contract unit price per cubic yard (cubic meter) for NON-SPECIAL WASTE DISPOSAL, SPECIAL WASTE DISPOSAL, or HAZARDOUS WASTE DISPOSAL.”

REMOVAL AND DISPOSAL OF SURPLUS MATERIALS (BDE)

Effective: November 2, 2012

Revise the first four paragraphs of Article 202.03 of the Standard Specifications to read:

“202.03 Removal and Disposal of Surplus, Unstable, Unsuitable, and Organic Materials. Suitable excavated materials shall not be wasted without permission of the Engineer. The Contractor shall dispose of all surplus, unstable, unsuitable, and organic materials, in such a manner that public or private property will not be damaged or endangered.

Suitable earth, stones and boulders naturally occurring within the right-of-way may be placed in fills or embankments in lifts and compacted according to Section 205. Broken concrete without protruding metal bars, bricks, rock, stone, reclaimed asphalt pavement with no expansive aggregate, or uncontaminated dirt and sand generated from construction or demolition activities may be used in embankment or in fill. If used in fills or embankments, these materials shall be placed and compacted to the satisfaction of the Engineer; shall be buried under a minimum of 2 ft (600 mm) of earth cover (except when the materials include only uncontaminated dirt); and shall not create an unsightly appearance or detract from the natural topographic features of an area. Broken concrete without protruding metal bars, bricks, rock, or stone may be used as riprap as approved by the Engineer. If the materials are used for fill in locations within the right-of-way but outside project construction limits, the Contractor must specify to the Engineer, in writing, how the landscape restoration of the fill areas will be accomplished. Placement of fill in such areas shall not commence until the Contractor’s landscape restoration plan is approved by the Engineer.

Aside from the materials listed above, all other construction and demolition debris or waste shall be disposed of in a licensed landfill, recycled, reused, or otherwise disposed of as allowed by State or Federal laws and regulations. When the Contractor chooses to dispose of uncontaminated soil at a clean construction and demolition debris (CCDD) facility or at an uncontaminated soil fill operation, it shall be the Contractor’s responsibility to have the pH of the material tested to ensure the value is between 6.25 and 9.0, inclusive. A copy of the pH test results shall be provided to the Engineer.

A permit shall be obtained from IEPA and made available to the Engineer prior to open burning of organic materials (i.e., plant refuse resulting from pruning or removal of trees or shrubs) or other construction or demolition debris. Organic materials originating within the right-of-way limits may be chipped or shredded and placed as mulch around landscape plantings within the right-of-way when approved by the Engineer. Chipped or shredded material to be placed as mulch shall not exceed a depth of 6 in. (150 mm).”

TRACKING THE USE OF PESTICIDES (BDE)

Effective: August 1, 2012

Add the following paragraph after the first paragraph of Article 107.23 of the Standard Specifications:

“Within 48 hours of the application of pesticides, including but not limited to herbicides, insecticides, algaecides, and fungicides, the Contractor shall complete and return to the Engineer, Operations form “OPER 2720”.”

WARM MIX ASPHALT (BDE)

Effective: January 1, 2012

Revised: November 1, 2013

Description. This work shall consist of designing, producing and constructing Warm Mix Asphalt (WMA) in lieu of Hot Mix Asphalt (HMA) at the Contractor’s option. Work shall be according to Sections 406, 407, 408, 1030, and 1102 of the Standard Specifications, except as modified herein. In addition, any references to HMA in the Standard Specifications, or the special provisions shall be construed to include WMA.

WMA is an asphalt mixture which can be produced at temperatures lower than allowed for HMA utilizing approved WMA technologies. WMA technologies are defined as the use of additives or processes which allow a reduction in the temperatures at which HMA mixes are produced and placed. WMA is produced by the use of additives, a water foaming process, or combination of both. Additives include minerals, chemicals or organics incorporated into the asphalt binder stream in a dedicated delivery system. The process of foaming injects water into the asphalt binder stream, just prior to incorporation of the asphalt binder with the aggregate.

Approved WMA technologies may also be used in HMA provided all the requirements specified herein, with the exception of temperature, are met. However, asphalt mixtures produced at temperatures in excess of 275 °F (135 °C) will not be considered WMA when determining the grade reduction of the virgin asphalt binder grade.

Materials.

Add the following to Article 1030.02 of the Standard Specifications.

“(h) Warm Mix Asphalt (WMA) Technologies (Note 3)”

Add the following note to Article 1030.02 of the Standard Specifications.

“Note 3. Warm mix additives or foaming processes shall be selected from the current Bureau of Materials and Physical Research Approved List, “Warm-Mix Asphalt Technologies”.”

Equipment.

Revise the first paragraph of Article 1102.01 of the Standard Specifications to read:

“1102.01 Hot-Mix Asphalt Plant. The hot-mix asphalt (HMA) plant shall be the batch-type, continuous-type, or dryer drum plant. The plants shall be evaluated for prequalification rating and approval to produce HMA according to the current Bureau of Materials and Physical Research Policy Memorandum, “Approval of Hot-Mix Asphalt Plants and Equipment”. Once approved, the Contractor shall notify the Bureau of Materials and Physical Research to obtain approval of all plant modifications. The plants shall not be used to produce mixtures concurrently for more than one project or for private work unless permission is granted in writing by the Engineer. The plant units shall be so designed, coordinated and operated that they will function properly and produce HMA having uniform temperatures and compositions within the tolerances specified. The plant units shall meet the following requirements.”

Add the following to Article 1102.01(a) of the Standard Specifications.

“(13) Equipment for Warm Mix Technologies.

- a. Foaming. Metering equipment for foamed asphalt shall have an accuracy of ± 2 percent of the actual water metered. The foaming control system shall be electronically interfaced with the asphalt binder meter.
- b. Additives. Additives shall be introduced into the plant according to the supplier’s recommendations and shall be approved by the Engineer. The system for introducing the WMA additive shall be interlocked with the aggregate feed or weigh system to maintain correct proportions for all rates of production and batch sizes.”

Mix Design Verification.

Add the following to Article 1030.04 of the Standard Specifications.

“(e) Warm Mix Technologies.

- (1) Foaming. WMA mix design verification will not be required when foaming technology is used alone (without WMA additives). However, the foaming technology shall only be used on HMA designs previously approved by the Department.
- (2) Additives. WMA mix designs utilizing additives shall be submitted to the Engineer for mix design verification.

Production.

Revise the second paragraph of Article 1030.06(a) of the Standard Specifications to read:

“At the start of mix production for HMA, WMA, and HMA using WMA technologies, QC/QA mixture start-up will be required for the following situations; at the beginning of production of a new mixture design, at the beginning of each production season, and at every plant utilized to produce mixtures, regardless of the mix.”

Quality Control/Quality Assurance Testing.

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 % 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 washed ignition oven test on the mix per half day of production Note 4.	1 washed ignition oven test on the mix per day of production 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
VMA Note 3.	Day's production ≥ 1200 tons: 1 per half day of production Day's production < 1200 tons: 1 per half day of production for first 2 days and 1 per day thereafter (first sample of the day)	N/A	Illinois-Modified AASHTO R 35
Air Voids Bulk Specific Gravity of Gyratory Sample Note 5.	Day's production ≥ 1200 tons: 1 per half day of production Day's production < 1200 tons: 1 per half day of production for first 2 days and 1 per day thereafter (first sample of the day)	1 per day	Illinois-Modified AASHTO T 312
Maximum Specific Gravity of Mixture	Day's production ≥ 1200 tons: 1 per half day of production Day's production < 1200 tons: 1 per half day of production for first 2 days and 1 per day thereafter (first sample of the day)	1 per day	Illinois-Modified AASHTO T 209

Note 1. The No. 8 (2.36 mm) and No. 30 (600 μ m) sieves are not required for All Other Mixtures.

Note 2. The Engineer may waive the ignition oven requirement for asphalt binder content if the aggregates to be used are known to have ignition asphalt binder content calibration factors which exceed 1.5 percent. If the ignition oven requirement is waived, other Department approved methods shall be used to determine the asphalt binder content.

Note 3. 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.

Note 4. The Engineer reserves the right to require additional hot bin gradations for batch

Note 5. The WMA compaction temperature for mixture volumetric testing shall be 270 ± 5 °F (132 ± 3 °C) for quality control testing. The WMA compaction temperature for quality assurance testing will be 270 ± 5 °F (132 ± 3 °C) if the mixture is not allowed to cool to room temperature. If the mixture is allowed to cool to room temperature it shall be reheated to standard HMA compaction temperatures.”

Construction Requirements.

Revise the second paragraph of Article 406.06(b)(1) of the Standard Specifications to read:

“The HMA shall be delivered at a temperature of 250 to 350 °F (120 to 175 °C). WMA shall be delivered at a minimum temperature of 215 °F (102 °C).”

Basis of Payment.

This work will be paid at the contract unit price bid for the HMA pay items involved. Anti-strip will not be paid for separately, but shall be considered as included in the cost of the work.

WEEKLY DBE TRUCKING REPORTS (BDE)

Effective: June 2, 2012

The Contractor shall provide a weekly report of Disadvantaged Business Enterprise (DBE) trucks hired by the Contractor or subcontractors (i.e. not owned by the Contractor or subcontractors) that are used on the jobsite; or used for the delivery and/or removal of equipment/material to and from the jobsite. The jobsite shall also include offsite locations, such as plant sites or storage sites, when those locations are used solely for this contract.

The report shall be submitted on the form provided by the Department within ten business days following the reporting period. The reporting period shall be Monday through Sunday for each week reportable trucking activities occur. The report shall be submitted to the Engineer and a copy shall be provided to the district EEO Officer.

Any costs associated with providing weekly DBE trucking reports shall be considered as included in the contract unit prices bid for the various items of work involved and no additional compensation will be allowed.

WORKING DAYS (BDE)

Effective: January 1, 2002

The Contractor shall complete the work within **40** working days.

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

Effective: November 2, 2006

Revised: August 1, 2013

Description. Bituminous material cost adjustments will be made to provide additional compensation to the Contractor, or credit to the Department, for fluctuations in the cost of bituminous materials when optioned by the Contractor. The adjustments shall apply to permanent and temporary hot-mix asphalt (HMA) mixtures, bituminous surface treatments (cover and seal coats), and preventative maintenance 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: $Q, \text{ metric tons} = A \times D \times (G_{mb} \times 1) / 1000$. 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 work placed during the month are satisfied. The adjustments shall not apply during contract time subject to liquidated damages for completion of the entire contract.

Return With Bid

**ILLINOIS DEPARTMENT
OF TRANSPORTATION**

**OPTION FOR
BITUMINOUS MATERIALS COST ADJUSTMENTS**

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

Contract No.: _____

Company Name: _____

Contractor's Option:

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

Yes No

Signature: _____ **Date:** _____

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

Effective: April 1, 2009

Revised: July 1, 2009

Description. Fuel cost adjustments will be made to provide additional compensation to the Contractor, or a credit to the Department, for fluctuations in fuel prices when optioned by the Contractor. The bidder shall indicate on the attached form whether or not this special provision will be part of the contract and submit the completed form with his/her bid. Failure to submit the form or failure to indicate contract number, company name and sign and date the form shall make this contract exempt of fuel cost adjustments for all categories of work. Failure to indicate "Yes" for any category of work will make that category of work exempt from fuel cost adjustment.

General. The fuel cost adjustment shall apply to contract pay items as grouped by category. The adjustment shall only apply to those categories of work checked "Yes", and only when the cumulative plan quantities for a category exceed the required threshold. Adjustments to work items in a category, either up or down, and work added by adjusted unit price will be subject to fuel cost adjustment only when the category representing the added work was subject to the fuel cost adjustment. Added work paid for by time and materials will not be subject to fuel cost adjustment. Category descriptions and thresholds for application and the fuel usage factors which are applicable to each are as follows:

(a) Categories of Work.

- (1) Category A: Earthwork. Contract pay items performed under Sections 202, 204, and 206 including any modified standard or nonstandard items where the character of the work to be performed is considered earthwork. The cumulative total of all applicable item plan quantities shall exceed 25,000 cu yd (20,000 cu m). Included in the fuel usage factor is a weighted average 0.10 gal/cu yd (0.50 liters/cu m) factor for trucking.
- (2) Category B: Subbases and Aggregate Base Courses. Contract pay items constructed under Sections 311, 312 and 351 including any modified standard or nonstandard items where the character of the work to be performed is considered construction of a subbase or aggregate, stabilized or modified base course. The cumulative total of all applicable item plan quantities shall exceed 5000 tons (4500 metric tons). Included in the fuel usage factor is a 0.60 gal/ton (2.50 liters/metric ton) factor for trucking.
- (3) Category C: Hot-Mix Asphalt (HMA) Bases, Pavements and Shoulders. Contract pay items constructed under Sections 355, 406, 407 and 482 including any modified standard or nonstandard items where the character of the work to be performed is considered HMA bases, pavements and shoulders. The cumulative total of all applicable item plan quantities shall exceed 5000 tons (4500 metric tons). Included in the fuel usage factor is 0.60 gal/ton (2.50 liters/metric ton) factor for trucking.

(4) Category D: Portland Cement Concrete (PCC) Bases, Pavements and Shoulders. Contract pay items constructed under Sections 353, 420, 421 and 483 including any modified standard or nonstandard items where the character of the work to be performed is considered PCC base, pavement or shoulder. The cumulative total of all applicable item plan quantities shall exceed 7500 sq yd (6000 sq m). Included in the fuel usage factor is 1.20 gal/cu yd (5.94 liters/cu m) factor for trucking.

(5) Category E: Structures. Structure items having a cumulative bid price that exceeds \$250,000 for pay items constructed under Sections 502, 503, 504, 505, 512, 516 and 540 including any modified standard or nonstandard items where the character of the work to be performed is considered structure work when similar to that performed under these sections and not included in categories A through D.

(b) Fuel Usage Factors.

English Units

Category	Factor	Units
A - Earthwork	0.34	gal / cu yd
B – Subbase and Aggregate Base courses	0.62	gal / ton
C – HMA Bases, Pavements and Shoulders	1.05	gal / ton
D – PCC Bases, Pavements and Shoulders	2.53	gal / cu yd
E – Structures	8.00	gal / \$1000

Metric Units

Category	Factor	Units
A - Earthwork	1.68	liters / cu m
B – Subbase and Aggregate Base courses	2.58	liters / metric ton
C – HMA Bases, Pavements and Shoulders	4.37	liters / metric ton
D – PCC Bases, Pavements and Shoulders	12.52	liters / cu m
E – Structures	30.28	liters / \$1000

(c) Quantity Conversion Factors.

Category	Conversion	Factor
B	sq yd to ton	0.057 ton / sq yd / in depth
	sq m to metric ton	0.00243 metric ton / sq m / mm depth
C	sq yd to ton	0.056 ton / sq yd / in depth
	sq m to metric ton	0.00239 m ton / sq m / mm depth
D	sq yd to cu yd	0.028 cu yd / sq yd / in depth
	sq m to cu m	0.001 cu m / sq m / mm depth

Method of Adjustment. Fuel cost adjustments will be computed as follows.

$$CA = (FPI_P - FPI_L) \times FUF \times Q$$

Where: CA = Cost Adjustment, \$
FPI_P = Fuel Price Index, as published by the Department for the month the work is performed, \$/gal (\$/liter)
FPI_L = Fuel Price Index, as published by the Department for the month prior to the letting, \$/gal (\$/liter)
FUF = Fuel Usage Factor in the pay item(s) being adjusted
Q = Authorized construction Quantity, tons (metric tons) or cu yd (cu m)

The entire FUF indicated in paragraph (b) will be used regardless of use of trucking to perform the work.

Progress Payments. Fuel cost adjustments will be calculated for each calendar month in which applicable work is performed; 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.

Final Quantities. Upon completion of the work and determination of final pay quantities, an adjustment will be prepared to reconcile any differences between estimated quantities previously paid and the final quantities. The value for the balancing adjustment will be based on a weighted average of FPI_P and Q only for those months requiring the cost adjustment. The cost adjustment will be applicable to the final measured quantities of all applicable pay items.

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

$$\text{Percent Difference} = \{(FPI_L - FPI_P) \div FPI_L\} \times 100$$

Return With Bid

**ILLINOIS DEPARTMENT
OF TRANSPORTATION**

**OPTION FOR
FUEL COST ADJUSTMENT**

The bidder shall submit this completed form with his/her bid. Failure to submit the form or properly complete contract number, company name, and sign and date the form shall make this contract exempt of fuel cost adjustments in all categories. Failure to indicate "Yes" for any category of work at the time of bid will make that category of work exempt from fuel cost adjustment. After award, this form, when submitted shall become part of the contract.

Contract No.: _____

Company Name: _____

Contractor's Option:

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

- | | | |
|--|-----|--------------------------|
| Category A Earthwork. | Yes | <input type="checkbox"/> |
| Category B Subbases and Aggregate Base Courses | Yes | <input type="checkbox"/> |
| Category C HMA Bases, Pavements and Shoulders | Yes | <input type="checkbox"/> |
| Category D PCC Bases, Pavements and Shoulders | Yes | <input type="checkbox"/> |
| Category E Structures | Yes | <input type="checkbox"/> |

Signature: _____ **Date:** _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PROPOSED HIGHWAY PLANS**

FAP ROUTE 5 (US 20 BUS)
SECTION 20RS-2
STEPHENSON COUNTY

FAP ROUTE 5 (US 20 BUS)
SECTION 20RS-2
STEPHENSON COUNTY
C-92-144-12

CONTRACT # 64H89
SHEET 1 OF 66

D-92-066-12

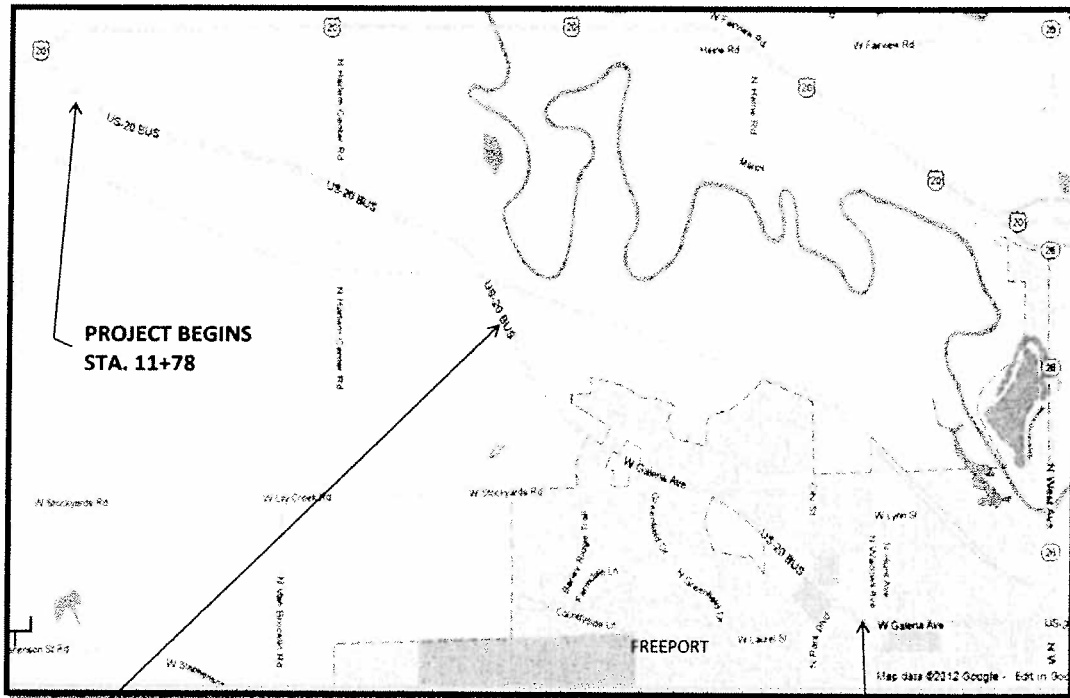
R-7-E

INDEX OF SHEETS

See Sheet No. 2

STANDARDS

See Sheet No. 2



**PROJECT BEGINS
STA. 11+78**

**BRIDGE OMISSION
STA. 125+20 - 126+55 (135')**

**PROJECT ENDS
STA. 215+24**

NET LENGTH OF SECTION = 20211 ft = 3.83 miles
GROSS LENGTH OF SECTION = 20346 ft = 3.85 miles

CALL J.U.L.I.E. BEFORE YOU DIG
1-800-892-0123 OR 811

TOWNSHIPS (SECTIONS): Harlem (20,21,22, 25,26,27)

CONTRACT NO. 64H89

SQUAD LEADER: Mat Dobie (815) 284-5362 PROJECT ENGINEER: Matt Farmer (815) 284-5924

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS SUBMITTED <u>4-9</u> , 2014 <i>Paul A. Loeten</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

DISTRICT 2 DIXON, IL.

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SUMMARY OF QUANTITIES

100%
 STATE
 RURAL

100%
 STATE
 URBAN

CODE NO.	ITEM	CONSTRUCTION CODE:			TOTAL QUANTITY
		UNIT	TOTAL QUANTITY	TOTAL QUANTITY	
21101600	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	SQ YD	11,327	8,802	2,525
25000210	SEEDING, CLASS 2A	ACRE	2.5	1.9	0.6
25100125	MULCH, METHOD 3	ACRE	2.5	1.9	0.6
28200200	FILTER FABRIC	SQ YD	997	0	997
28300400	AGGREGATE DITCH	TON	470	0	470
40600527	LEVELING BINDER (HAND METHOD), IL 9.5FG, N50	TON	21	14	7
40600627	LEVELING BINDER (MACHINE METHOD), IL 9.5FG, N50	TON	3,900	2,184	1,716
40600895	CONSTRUCTING TEST STRIP	EACH	3	2	1
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	363	252	111
40600990	TEMPORARY RAMP	SQ YD	481	134	347
40601005	HOT- MIX ASPHALT REPLACEMENT OVER PATCHES	TON	234	132	102
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	3,237	2,210	1,027
40603335	HOT- MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	5,863	3,289	2,574
40800050	INCIDENTAL HOT- MIX ASPHALT SURFACING	TON	1,448	570	878
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	580	0	580
42400800	DETECTABLE WARNINGS	SQ FT	30	0	30
44000158	HOT- MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	36,256	12,623	23,633
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	80	0	80
44000600	SIDEWALK REMOVAL	SQ FT	576	0	576
44002232	HOT- MIX ASPHALT REMOVAL OVER PATCHES, 8"	SQ YD	523	295	228
44201031	CLASS B PATCHES, TYPE II, 15 INCH	SQ YD	7	0	7

21. * **Specialty Items**

SUMMARY OF QUANTITIES

100%
 STATE
 RURAL

100%
 STATE
 URBAN

CODE NO.	ITEM	CONSTRUCTION CODE:			TOTAL QUANTITY
		UNIT	TOTAL QUANTITY	TOTAL QUANTITY	
44201299	DOWEL BARS, 1 1/2"	EACH	12	0	12
44213200	SAW CUTS	FOOT	38	0	38
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	8,564	6,734	1,830
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	18	18	0
60255500	MANHOLES TO BE ADJUSTED	EACH	8	0	8
60262700	INLETS TO BE RECONSTRUCTED	EACH	1	0	1
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	6	0	6
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	35	0	35
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	45	0	45
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	33,180	25,715	7,465
66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	4	2	2
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL.MO.	5	0	5
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.5	0.5
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.5	0.5
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0	1
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	0	1
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	0	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	0	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	3	1	2

21*
 Speciality Items

SUMMARY OF QUANTITIES

100%
 STATE
 RURAL

100%
 STATE
 URBAN

CODE NO.	ITEM	CONSTRUCTION CODE:			TOTAL QUANTITY
		UNIT	TOTAL QUANTITY	0005	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	8,856	5,889	2,967
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1,878	1,249	629
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	765	47	718
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	20,338	3,042	17,296
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	428	0	428
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	3,100	348	2,752
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,454	438	1,016
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	320	32	288
78001100	PAINT PAVEMENT MARKING- LINE 4 INCH	FOOT	107,770	53,474	54,296
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	817	233	584
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	547	179	368
X4060110	BITUMINOUS MATERIALS (PRIME COAT)	POUND	61,749	33,537	28,212
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	4,342	2,565	1,777
X8860400	DETECTOR LOOP SPECIAL	FOOT	2,000	0	2,000
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0	1
Z0007430	TEMPORARY SIDEWALK	SQ FT	371	0	371
Z0040315	PILOT CAR	DAY	6	4	2

* Specialty Items

GENERAL NOTES

The final top 4 inches of soil in any right-of-way area disturbed by the Contractor must be capable of supporting vegetation. The soil must be from the A horizon (zero to 2' deep) of soil profiles of local soils.

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 4 or 2A shall be used. Class 2A shall be used on front slopes and ditch bottoms. Class 4 shall be used behind Type A gutter, on all backslopes and areas behind the backslope, and beyond the toe of front slope on fill sections without ditches.

Fertilizer Nutrients shall be applied at the rate specified in Sections 250 and 252 of the Standard Specifications. This shall be included in the cost of the SEEDING or PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH.

When laying out for patching, the minimum distance between new patches (saw cut to saw cut) shall be 15 feet. When patch spacing is less than 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 Foot for SAW CUTS.

The existing hot-mix asphalt on private and commercial entrances shall be bladed off or milled and disposed of outside the project limits. This could be the entire entrance or tapered at the end depending on if the mainline is resurfaced or milled and resurfaced. The cost of the blading, milling, rolling, and disposal is included in the contract unit price for INCIDENTAL HOT-MIX ASPHALT SURFACING.

The drop off that occurs at entrance edges as a result of resurfacing of the entrance shall be corrected using aggregate shoulder material. This work shall be paid for by the TON for Aggregate Shoulders of the type specified in the plans.

Milling machines on this project shall be capable of removing a layer of bituminous a minimum 6' wide and 1½ inches in depth in a single pass.

The following Mixture Requirements are applicable for this project:

Mixture Uses(s):	Surface	Level Binder (MM)	HMA over Patches	Shoulders
PG:	PG 64-22	PG 64-22	PG 64-22	PG 64-22
Design Air Voids	4.0 @ N50	4.0 @ N50	4.0 @ N50	3 @ N50
Mixture Composition (Gradation Mixture)	IL 9.5	IL 9.5 FG	IL 19.0 or IL 19.0FG	IL 9.5 or 9.5 FG
Friction Aggregate	D	N/A	N/A	C
20 Year ESAL	0.4	0.4	0.4	N/A
Quality Management Program to be Used	QCP	QCP	QC/QA	QC/QA

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

The Contractor will be required to furnish 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 6" inside the pavement marking edge so they can be read from the shoulder. This work will be included in the cost of the final pavement surface.

The area to be primed shall be limited to that which can be covered with HMA on the next days productivity, but no more than five days in advance of the placement of the HMA, unless approved by the Engineer.

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

Install rumble strips in all shoulders in accordance with State Standard 642006. Rumble Strips shall be placed on shoulders on both sides of the pavement.

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

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

1. All words, such as ONLY, shall be 8 feet high.
2. All non-freeway arrows shall be the large size.
3. The distance between yellow no-passing lines shall be 8 inches, not 7 inches, as shown in the detail of Typical Lane and Edge Lines.
4. Centerline Skip Dash Pavement Marking on multi-lane divided, multi-lane undivided, and one-way roadway shall be according to District Standard 41.1.

PERMANENT SURVEY MARKERS, TYPE II, shall be set at intervals of 1 mile or as directed by the Engineer. Bridge or culvert projects shall have one survey marker placed near the structure. Estimated: 4 Each.

Permanent Survey Markers, Type II placed in urban areas should be placed in sidewalk areas. The marker shall be placed as shown on District Standard 66.2. The sidewalk shall be placed around the marker and flush with the top.

Permanent Survey Markers, Type II shall be cast-in-place as shown on District Standard 66.2. Option 2 would be to install a vaulted style, monumented as described by NGS as a 3D monument (Top Security Sleeve Rod Monument), with installation instructions provided by the District Chief of Surveys. If poured in place, the bottom of the marker shall be 5'-0" below the ground surface.

The Permanent Survey Markers, if possible, shall be installed at the beginning of the job and protected throughout.

The Contractor shall submit to the Engineer a description of location, elevation, and coordinates for each permanent survey marker. The horizontal coordinates must be derived by GPS and the elevation derived using an electronic level. The meta data, such as the Geoid used, (NGS adjustment ie: 97 HARN, 03, 07), and the base point(s) name or number shall be submitted along with a complete collection log. If collected using RTK method, it will require either 3 collections (averaged) from 2 different bases, or a minimum of 3 collections (averaged), at least 2 hours apart, from the same base. If using a CORS type network, the collection procedure shall include localizing with check shots on at least 2 different HARN monuments both before and after collection. The level circuit shall be run from furnished mark to furnished mark and then adjusted. The error of closure shall be submitted with the electronic level notes in a recognized format approved by the Engineer and/or the Chief of Surveys. The Engineer shall submit this information to the District Chief of Surveys.

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

Commonwealth Edison Co. (815/490-2869)	NICOR Gas Co. (630/983-8676)
Frontier Legacy (815/772-2078)	Comcast Cable (815/395-8977)
City of Freeport/Tom Dole (818/235-8202)	Aero North Communications (815/801-3388)

IDOT is not a member of JULIE. If you are near any overhead lighting, intersection lighting or traffic signals, contact the IDOT Traffic Office at 815/284-5469 at least 48 hours prior to work.

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

<u>Tie the following to the existing concrete pavement</u>		<u>Length, size, and spacing of Tie Bars</u>
Gutter or Curb & Gutter	Std. 606001	24" long No. 6 @ 24" centers
PCC Base Course	Std. 353001	24" long No. 6 @ 30" centers
PCC Pavement	Std. 420101	24" long No. 6 @ 30" centers

Tie bars to be installed in accordance with the applicable portions of Article 420.05(b) of the Standard Specifications. See Highway Standard 420001 for detail on longitudinal construction joint grouted-in-place tie bar. The cost of the tie bars to be included in the cost of the PCC appurtenance adjacent to the existing pavement.

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

Stationing begins at concrete/asphalt at west end. Beginning Station – 11+78.

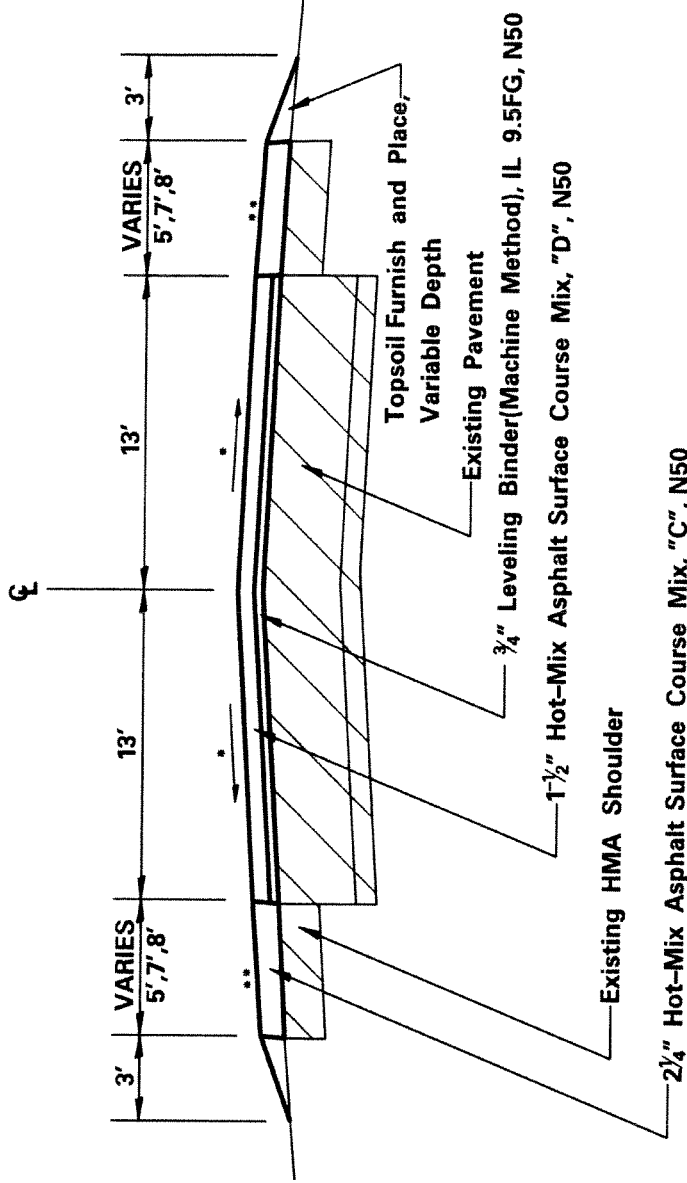
Temporary Sidewalk is provided in the plan quantities and shall be used only as needed when directed by the Engineer.

Localized grading and shaping of the ground will be required to blend the proposed sidewalk to the immediately adjacent ground. Any soil that needs to be removed shall be disposed of by the Contractor. If any soil needs to be furnished, it shall be capable of supporting vegetation. The Contractor shall seed and fertilize the disturbed areas with Seeding, Class 1. This work shall be included in the cost of PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH.

Mulch Method II shall be applied over all seeded areas next to the sidewalk work. This shall be included in the cost of the PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH.

TYPICAL SECTIONS US 20 BUS STATIONS

- 12 + 45.5 - 19 + 85
- 25 + 05 - 70 + 10
- 77 + 35 - 100 + 66
- 114 + 41 - 121 + 56
- 130 + 53 - 138 + 38
- 169 + 87 - 178 + 10



* Match existing slope
Minimum 1/4" ft cross slope

** Shoulder Rumble Strips, 8 inch
(Highway Standard 642006)

BITUMINOUS APPLICATION RATES:
All Bituminous Mixtures: 112lbsq. yd/inch
Bituminous Materials (Prime Coat) = 0.000286 Ton/Sq. Yd.
Aggregate (Prime Coat) = 0.0015 Ton/Sq. Yd.

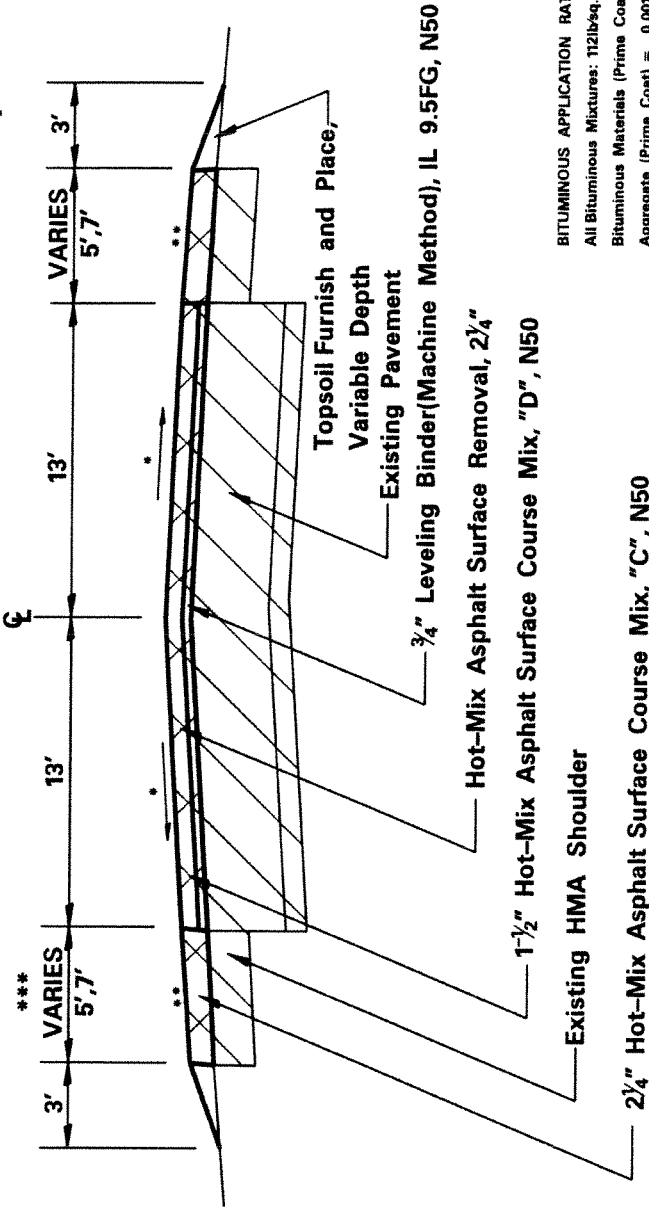
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F.A.P. RTE. --5-	SECTION -----2085-2-----	COUNTY --STEPHENSON	TOTAL SHEETS 66	SHEET NO. 10	CONTRACT NO. 64H89
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					

PLOT DATE = Tue Apr 08 11:23:10 2014

TYPICAL SECTIONS US 20 BUS STATIONS

20+52.5 - 24+37.5
 70+77.5 - 76+67.5
 101+33.5 - 113+73.5
 122+23.5 - 125+20
 125+20 - 126+55 (BRIDGE OMISSION)
 126+55 - 129+85.5

*** (21+20 - 23+70 = Curb & Gutter Lt)
 *** (73+23 - 74+91 = Curb & Gutter L/Rt)
 *** (74+91 - 75+88 = Curb & Gutter Lt)
 *** (102+01 - 104+36 = Curb & Gutter Lt)



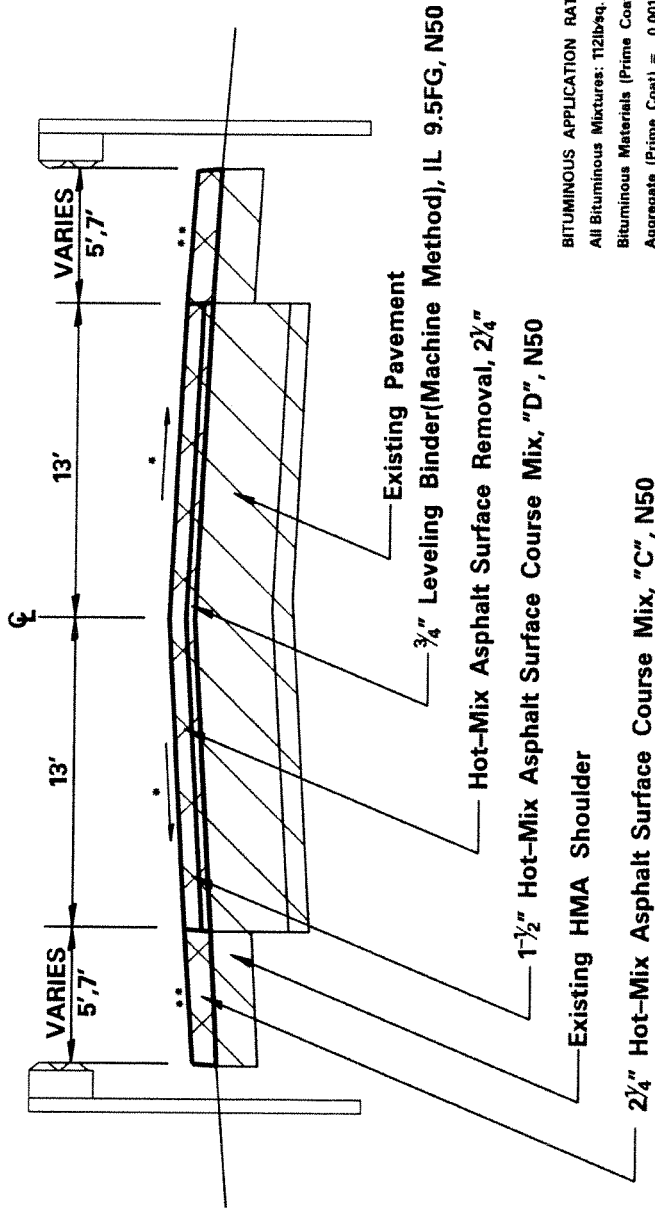
* Match existing slope
 Minimum 1/8" ft cross slope
 ** Shoulder Rumble Strips, 8 inch
 (Highway Standard 642006)

BITUMINOUS APPLICATION RATES:
 All Bituminous Mixtures: 112lb/sq yd/inch
 Bituminous Materials (Prime Coat) = 0.000286 Ton/Sq. Yd.
 Aggregate (Prime Coat) = 0.0015 Ton/Sq. Yd.

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PLOT DATE = Tue Apr 08 11:23:17 2014						FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		CONTRACT NO. 64489

TYPICAL SECTIONS US 20 BUS STATIONS

- 105 + 85 - 111 + 55 RT
- 106 + 75 - 112 + 87 LT
- 122 + 73 - 125 + 20 RT
- 122 + 91 - 125 + 20 LT
- 126 + 55 - 128 + 24 RT
- 126 + 55 - 128 + 96 LT



* Match existing slope
Minimum 1/4 "ft cross slope

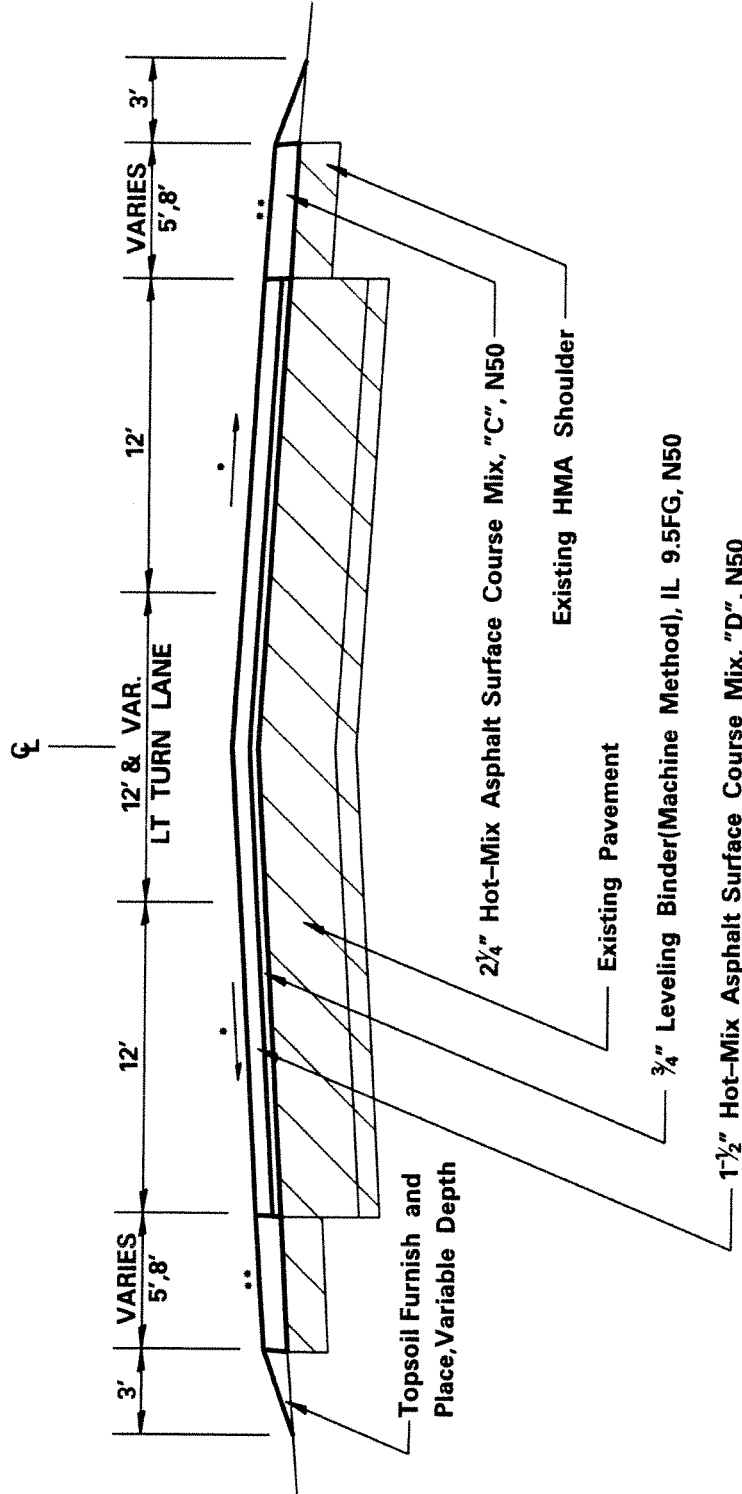
** Shoulder Rumble Strips, 8 inch
(Highway Standard 642006)

BITUMINOUS APPLICATION RATES:
All Bituminous Mixtures: 112lb/sq. yd/mch
Bituminous Materials (Prime Coat) = 0.000286 Ton/Sq. Yd.
Aggregate (Prime Coat) = 0.0016 Ton/Sq. Yd.

FILE NAME : O:\Projects\Stephenson\64H89 US Bus 20 From US 20 to Park Blvd		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		TYPICAL SECTIONS	
USER NAME : Fosslermj	PLOT DATE : Tue Apr 08 11:23:26 2014	F.A.P. RATE: -5-	SECTION: 20BS-2	COUNTY: STEPHENSON	TOTAL SHEETS: 66
				CONTRACT NO. 64H89	SHEET NO. 12

TYPICAL SECTIONS US 20 BUS STATIONS

138 + 38 - 145 + 06
150 + 81 - 162 + 59
184 + 52 - 186 + 81



- * Match existing slope
Minimum 1/8" /ft cross slope
- ** Shoulder Rumble Strips, 8 inch
(Highway Standard 642006)

BITUMINOUS APPLICATION RATES:
All Bituminous Mixtures: 112lb/sq. yd/inch
Bituminous Materials (Prime Coat) = 0.000286 Ton/Sq. Yd.
Aggregate (Prime Coat) = 0.0015 Ton/Sq. Yd.

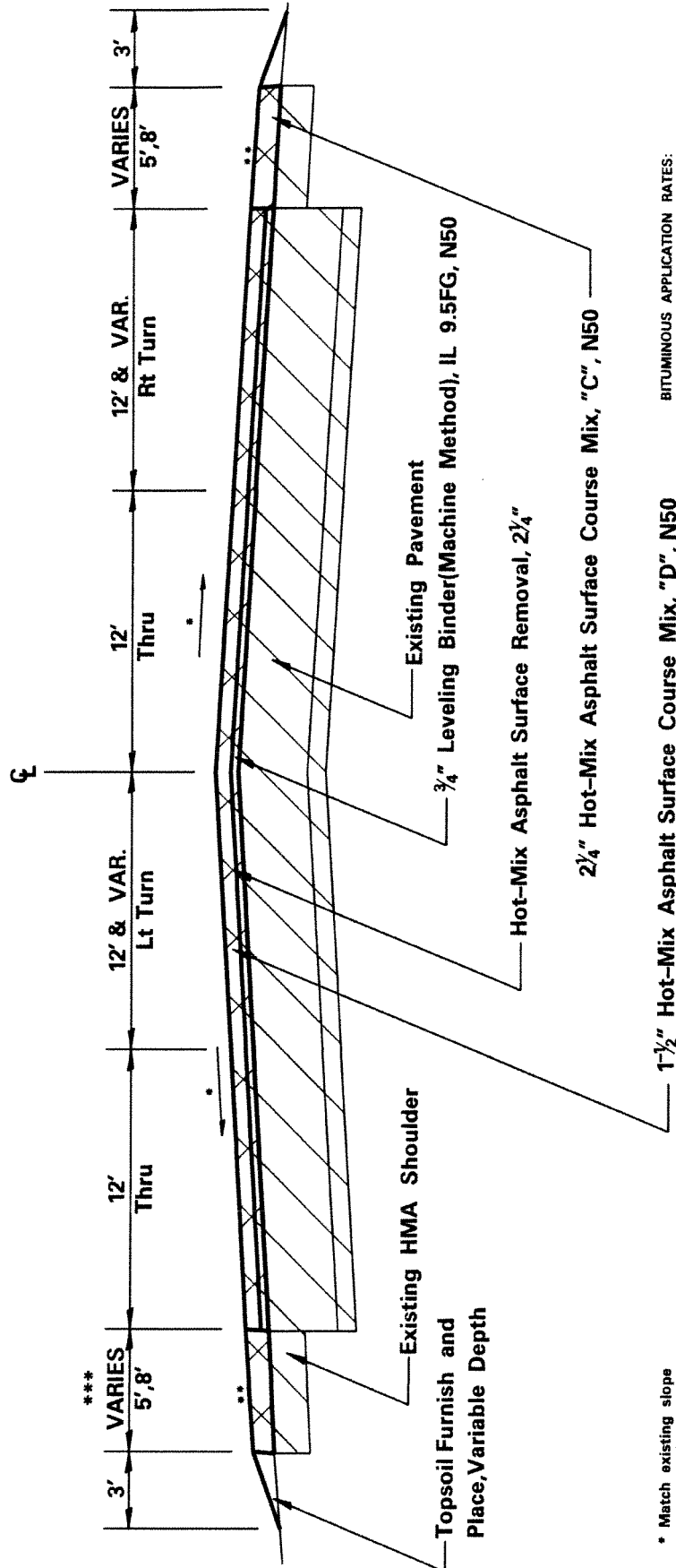
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FED. ROAD DIST. NO. = ILLINOIS FED. AID PROJECT			CONTRACT NO. 64H89		

TYPICAL SECTIONS

US 20 BUS STATIONS

145 + 73.5 - 150 + 13.5

*** (Sta. 146 + 41 - 149 + 46 = Curb & Gutter Lt)



* Match existing slope
Minimum 1/8" /ft cross slope

** Shoulder Rumble Strips, 8 inch
(Highway Standard 642006)

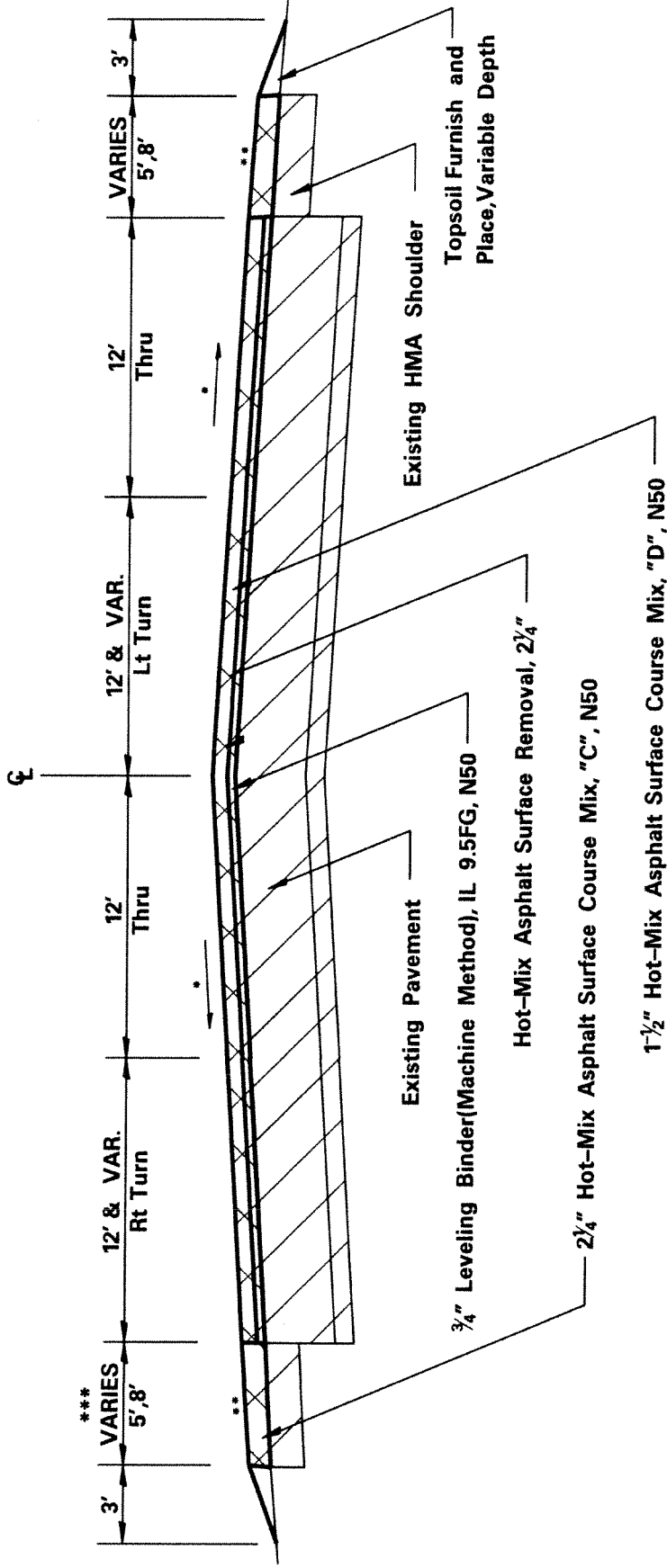
BITUMINOUS APPLICATION RATES:
All Bituminous Mixtures: 112lb/sq. yd/inch
Bituminous Materials (Prime Coat) = 0.000286 Ton/Sq. Yd.
Aggregate (Prime Coat) = 0.0015 Ton/Sq. Yd.

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PLOT DATE = Tue Apr 08 11:23:44 2014		CONTRACT NO. 64H89	
F.A.P. RITE. -5-		COUNTY ILLINOIS	FED. AID PROJECT

TYPICAL SECTIONS US 20 BUS STATIONS

163 + 26.5 - 169 + 19.5

*** (Sta. 163 + 94 - 168 + 52 = Curb & Gutter Lt)



* Match existing slope
Minimum 1/8" /ft cross slope

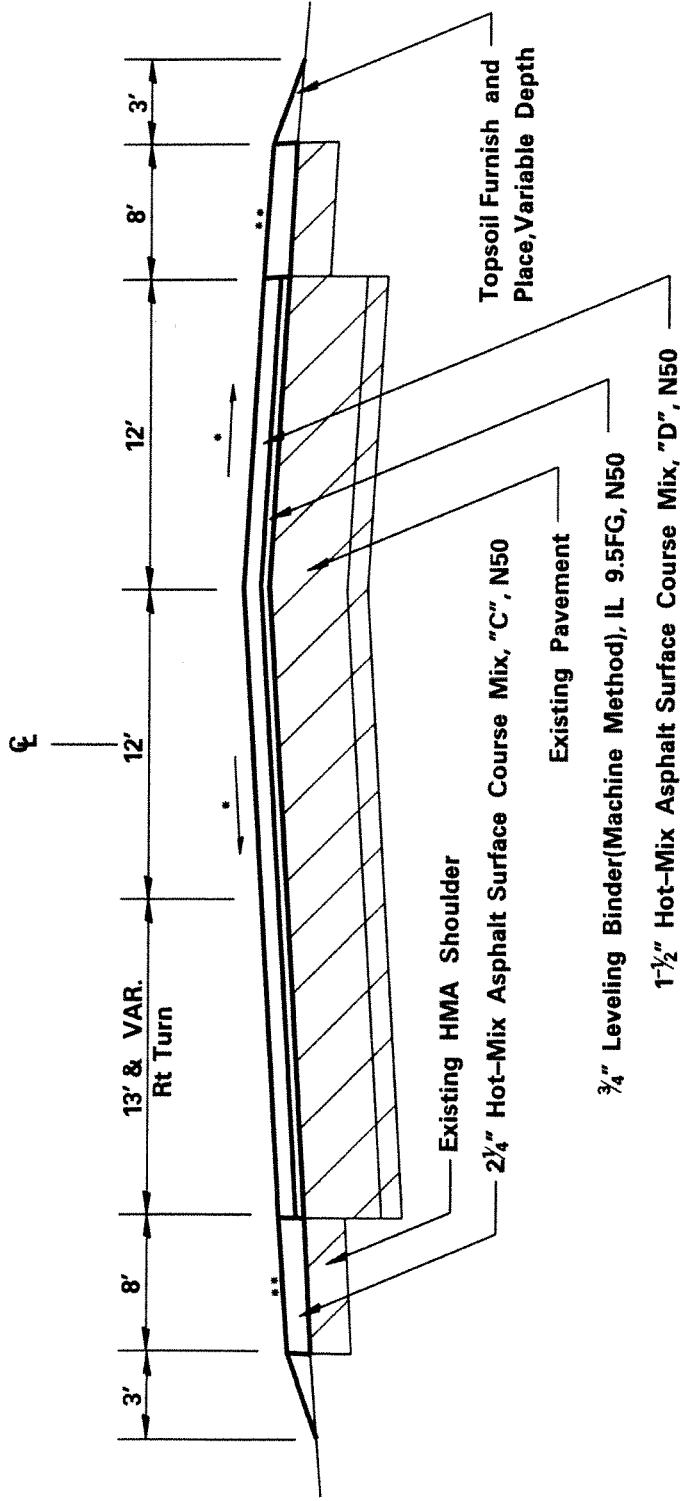
** Shoulder Rumble Strips, 8 inch
(Highway Standard 642006)

BITUMINOUS APPLICATION RATES:
All Bituminous Mixtures: 112lb/sq. yd/inch
Bituminous Materials (Prime Coat) = 0.000286 Ton/Sq. Yd.
Aggregate (Prime Coat) = 0.0015 Ton/Sq. Yd.

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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		COUNTY		66	
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PLOT DATE = Tue Apr 08 11:24:00 2014		20BS-2		15	
		F.A.P. R.T.E.		CONTRACT NO. 64H89	
		5		ILLINOIS FED. AID PROJECT	

TYPICAL SECTIONS US 20 BUS STATIONS

178 + 10 - 184 + 52



* Match existing slope
Minimum 1/8 ft cross slope
** Shoulder Rumble Strips, 8 inch
(Highway Standard 642006)

BITUMINOUS APPLICATION RATES:
All Bituminous Mixtures: 112lb/sq. yd/inch
Bituminous Materials (Prime Coat) = 0.000296 Ton/Sq. Yd.
Aggregate (Prime Coat) = 0.0015 Ton/Sq. Yd.

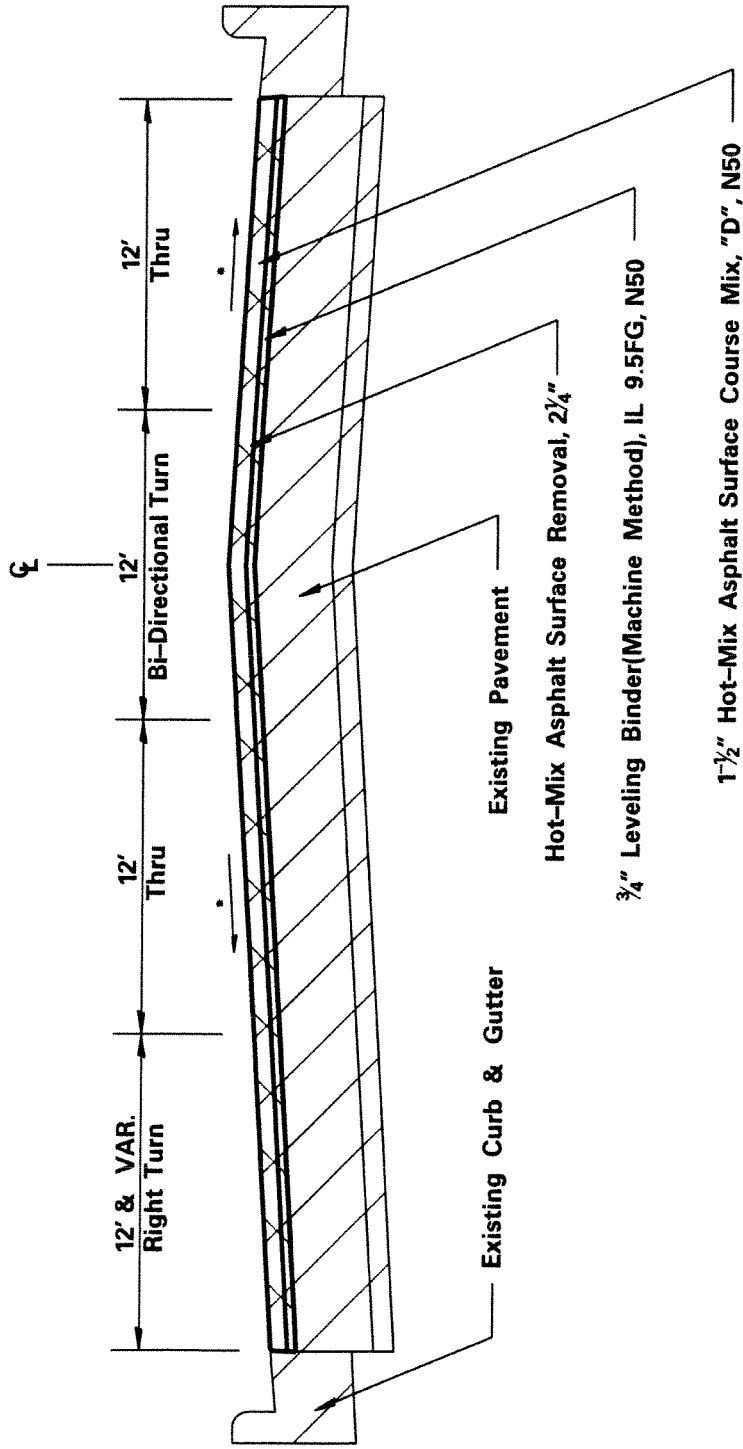
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USER NAME = Fesslerm		SECTION 2085-2		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
PLOT DATE = Tue Apr 08 11:24:08 2014		TYPICAL SECTIONS			
F.A.P. RITE. -5-					

TYPICAL SECTIONS

US 20 BUS STATIONS

187 + 48.5 - 190 + 28

(8' Shoulders - Sta. 187 + 48.5 - 188 + 72 Lt) **



* Match existing slope
Minimum 1/8" /ft cross slope
** Shoulder Rumble Strips, 8 inch
(Highway Standard 642006)

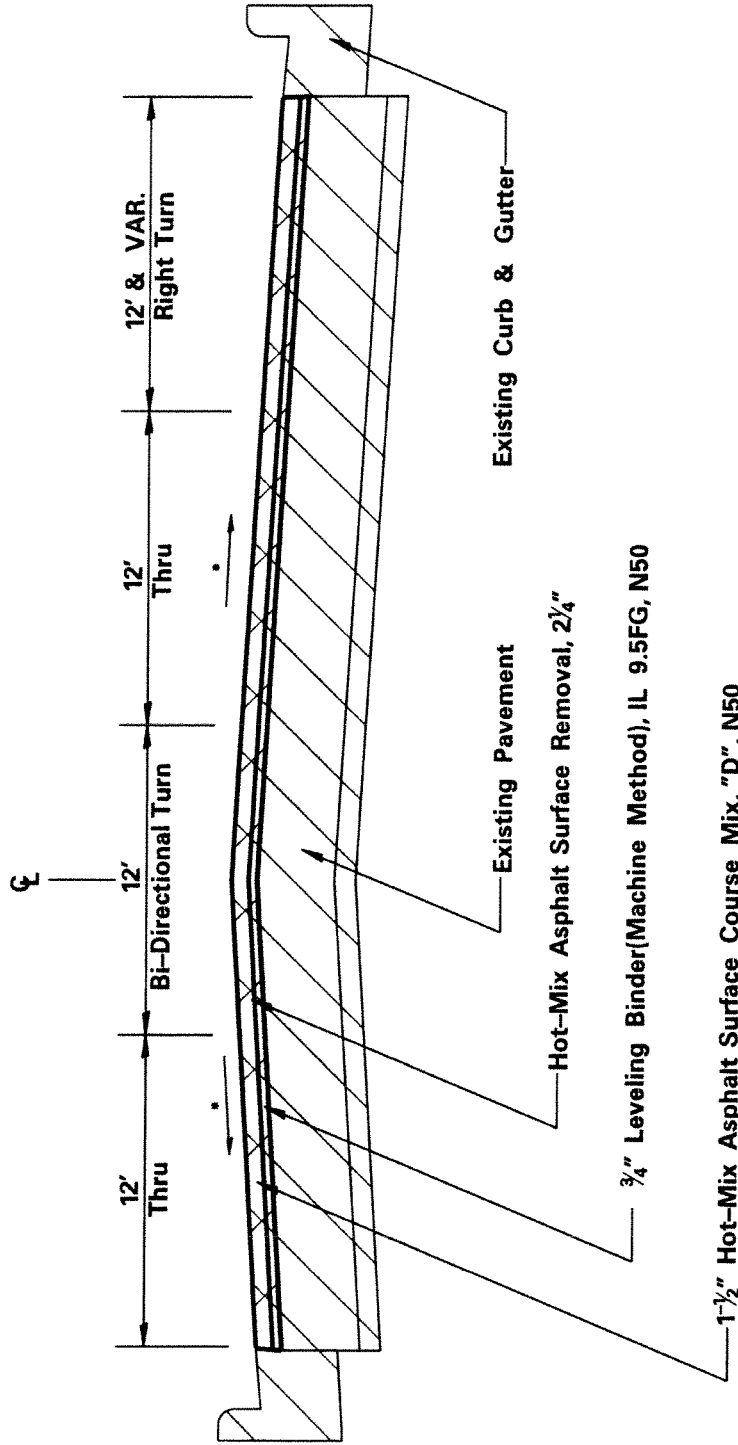
BITUMINOUS APPLICATION RATES:
All Bituminous Mixtures: 112lb/sq. yd/inch
Bituminous Materials (Prime Coat) = 0.000288 Ton/Sq. Yd.
Aggregate (Prime Coat) = 0.0015 Ton/Sq. Yd.

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PLOT DATE : Tue Apr 08 11:24:16 2014		FED. ROAD DIST. NO. : ILLINOIS FED. AID PROJECT		SECTION : 20BS-2		COUNTY : STEPHENSON		CONTRACT NO. 64H89	

TYPICAL SECTIONS

US 20 BUS STATIONS

190 + 28 - 193 + 39



* Match existing slope
Minimum $\frac{1}{8}$ " /ft cross slope

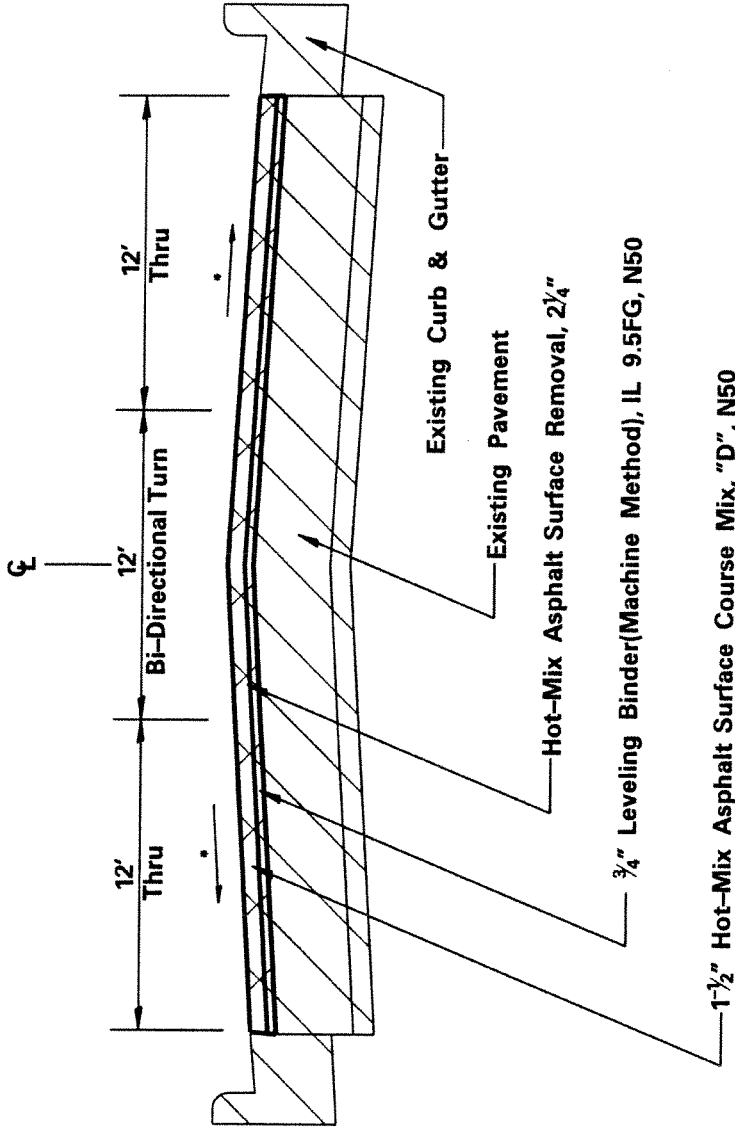
BITUMINOUS APPLICATION RATES:
All Bituminous Mixtures: 112lb/sq. yd/finch
Bituminous Materials (Prime Coat) = 0.000286 Ton/Sq. Yd.
Aggregate (Prime Coat) = 0.0015 Ton/Sq. Yd.

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F.A.P. R.T.E.	SECTION	COUNTY	CONTRACT NO. 6489		FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT
5	20BS-2	STEPHENSON							

TYPICAL SECTIONS

US 20 BUS STATIONS

193 + 39 - 202 + 02



* Match existing slope
Minimum 1/8" /ft cross slope

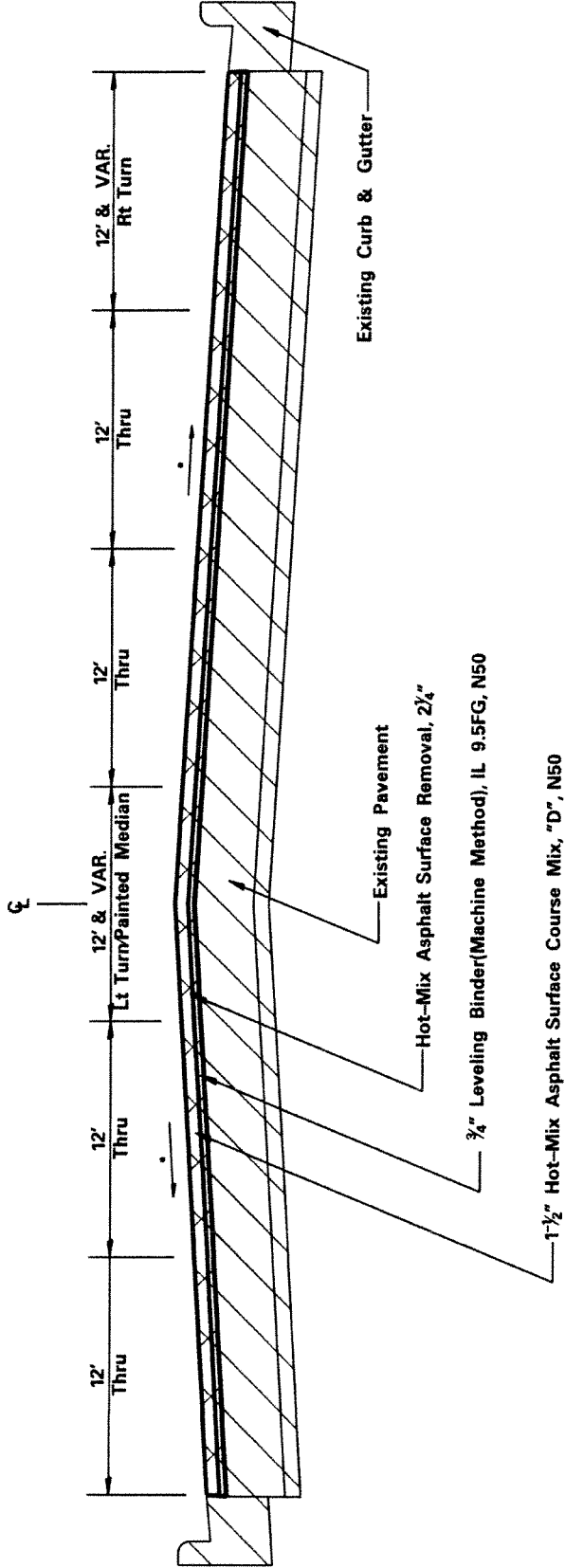
BITUMINOUS APPLICATION RATES:
All Bituminous Mixtures: 112lb/sq. yd/inch
Bituminous Materials (Prime Coat) = 0.000286 Ton/Sq. Yd.
Aggregate (Prime Coat) = 0.0015 Ton/Sq. Yd.

FILE NAME = G:\Projects\Stephenson\64H89 US Bus 20 From US 20 to Park Blvd		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		TYPICAL SECTIONS		F.A.P. RTE. COUNTY TOTAL SHEETS SHEET NO.	
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PLOT DATE = Tue Apr 08 11:24:35 2014		ILLINOIS FED. AID PROJECT		CONTRACT NO. 64H89			

TYPICAL SECTIONS

US 20 BUS STATIONS

202+02 - 215+24



* Match existing slope
Minimum 1/8" /ft cross slope

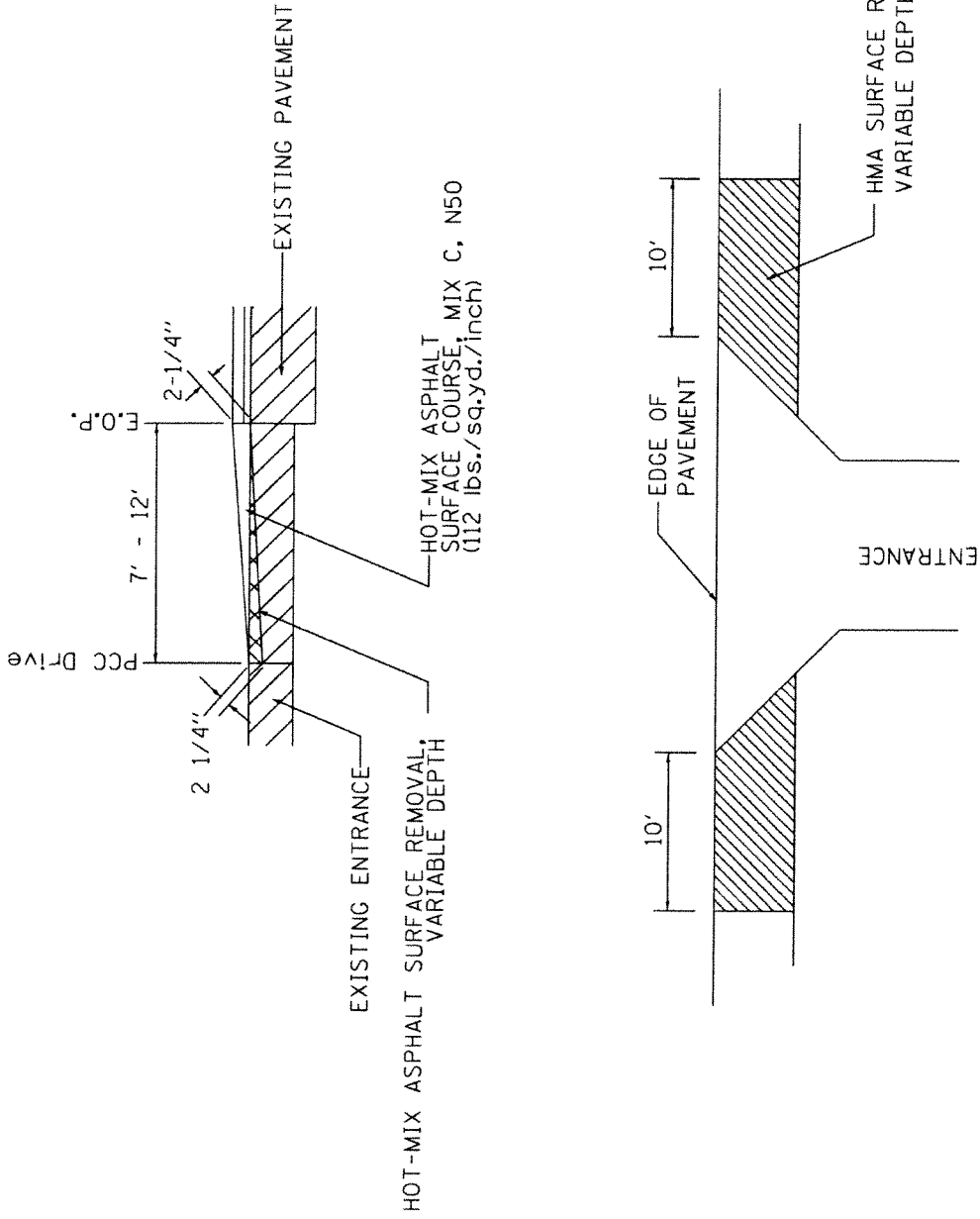
BITUMINOUS APPLICATION RATES:
All Bituminous Mixtures: 112lb/sq. yd/mch
Bituminous Materials (Prime Coat) = 0.00286 Ton/Sq. Yd.
Aggregate (Prime Coat) = 0.0015 Ton/Sq. Yd.

FILE NAME = D:\Projects\Stephenson\64H89 US Bus 20 from US 20 to Park Blvd (Aude)\Chris files\apricolson\02stds.dgn		STATE OF ILLINOIS		TYPICAL SECTIONS		TOTAL SHEET NO.	
DEPARTMENT OF TRANSPORTATION		208S-2		SIEBENSON		66	
USER NAME = Fesslerm		SECTION		COUNTY		CONTRACT NO. 64H89	
PLOT DATE = Tue Apr 08 11:24:49 2014		F.A.P. RTE. --5-		ILLINOIS		FED. AID PROJECT	

TYPICAL SECTIONS

US 20 BUS

HMA SURFACE REMOVAL VARIABLE DEPTH



FILE NAME =
 D:\Projects\Stephenson\64H89 US Bus 20 from US 20 to Park Blvd
 USER NAME = Fosslerm
 PLOT DATE = Tue Apr 08 11:25:00 2014

(x:\hude)\Chris Files\Typical\senal2s.tds.dgn
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

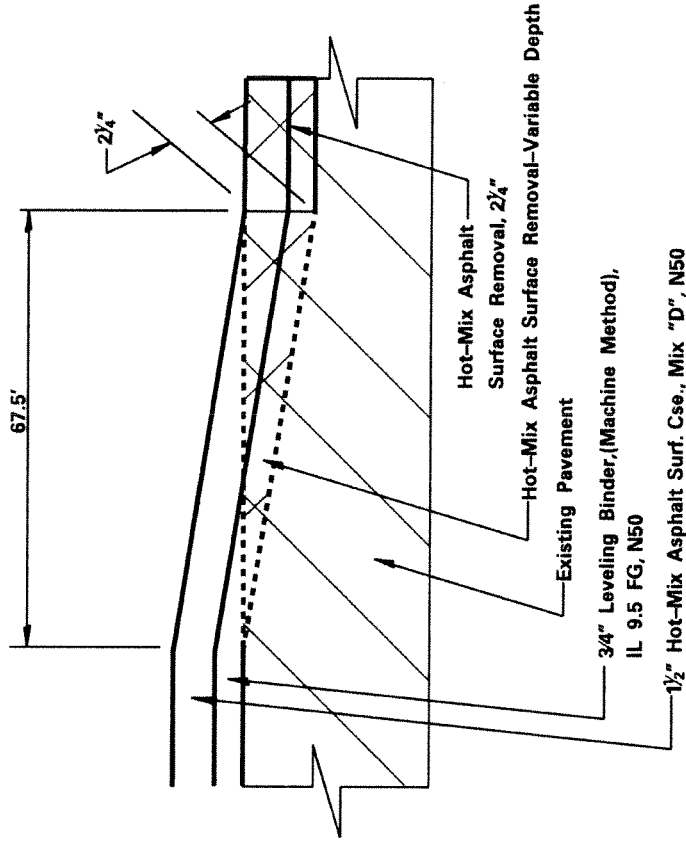
TYPICAL SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
--5--	2085-2	STEPHENSON	66	21
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 64H89

TYPICAL SECTIONS

US20 STEPHENSON COUNTY TAPERS

19 + 85 - 20 + 52.5 129 + 85.5 - 130 + 53
 24 + 37.5 - 25 + 05 145 + 06 - 145 + 73.5
 70 + 10 - 70 + 77.5 150 + 13.5 - 150 + 81
 76 + 67.5 - 77 + 35 162 + 59 - 163 + 26.5
 100 + 66 - 101 + 33.5 169 + 19.5 - 169 + 87
 113 + 73.5 - 114 + 41 186 + 81 - 187 + 48.5
 121 + 56 - 122 + 23.5



BITUMINOUS APPLICATION RATES:
 All Bituminous Mixtures: 112lb/sq. yd/ftch
 Bituminous Materials (Prime Coat) = 0.000286 Ton/Sq. Yd.
 Aggregate (Prime Coat) = 0.0015 Ton/Sq. Yd.

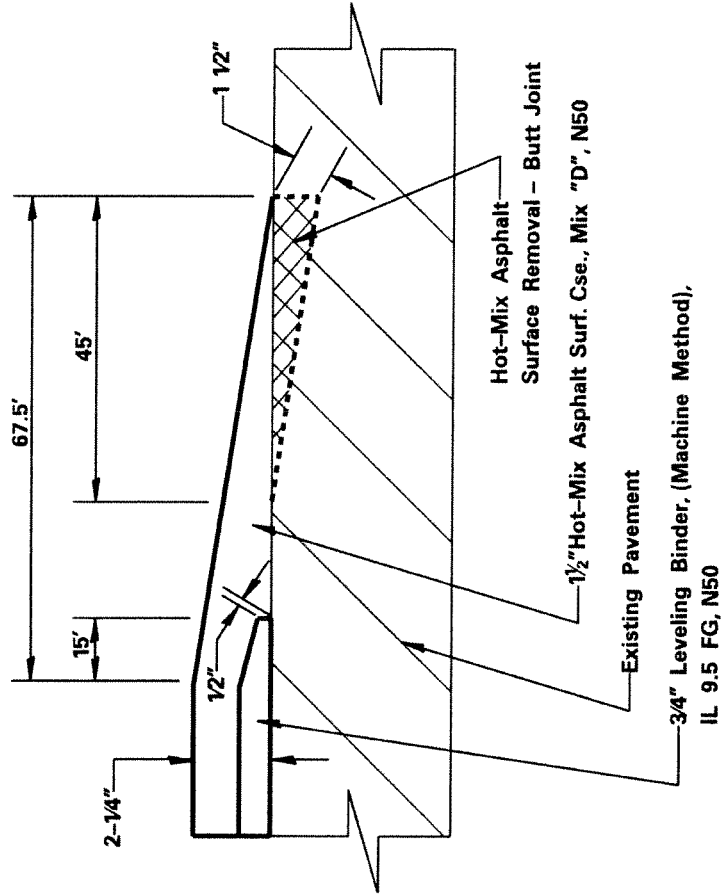
FILE NAME = Q:\Projects\Stephenson\164H89 US Bus 20 From US 20 to Park Blvd	(A:\del)\Chris Files\Typical\send2s.tds.dgn	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS	F.A.C. R.T.E. -5-	SECTION 20BS-2	COUNTY STEPHENSON	TOTAL SHEETS 66	SHEET NO. 22
USER NAME = Fossilarmj							CONTRACT NO. 64889	
PLOT DATE = Tue Apr 08 11:25:03 2014							FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

TYPICAL SECTIONS

US 20 BUS

BUTT JOINT

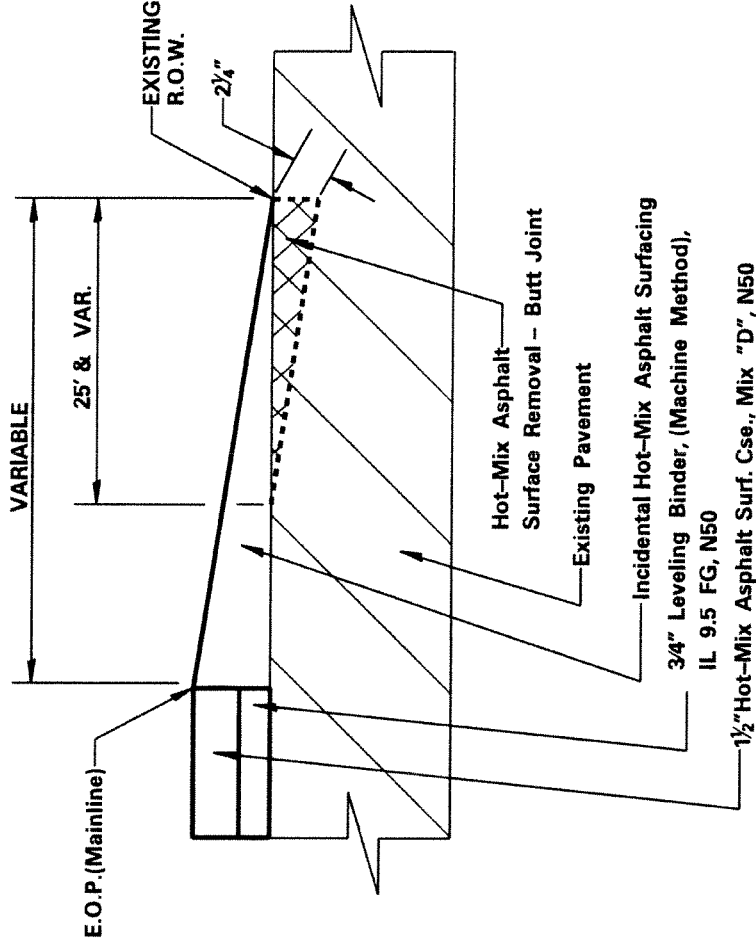
Sta. 11+78 - 12+45.5



BITUMINOUS APPLICATION RATES:
 All Bituminous Mixtures: 112lb/sq. yd/Inch
 Bituminous Materials (Prime Coat) = 0.00286 Ton/Sq. Yd.
 Aggregate (Prime Coat) = 0.0015 Ton/Sq. Yd.

FILE NAME = D:\Projects\Stephenson\64H89 US Bus 20 from US 20 to Park Blvd	(Aude)\Chris Files\Typical\end02s.tds.dgn	TYPICAL SECTIONS		F.A.P. R.T.E. = -5-	SECTION = 20B5-2	COUNTY = STEPHENSON	TOTAL SHEETS = 66	SHEET NO. = 23
USER NAME = Fossler.mj	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DEPARTMENT OF TRANSPORTATION		CONTRACT NO. 64H89		ILLINOIS FED. AID PROJECT		
PLOT DATE = Tue Apr 08 11:25:26 2014								

TYPICAL SECTIONS
US 20 BUS
BUTT JOINT-SIDE ROADS
 AYP Rd.
 MESA Dr.
 FRONTAGE Rd. (RT) 184 + 50



BITUMINOUS APPLICATION RATES:
 All Bituminous Mixtures: 112lb/sq. yd/inch
 Bituminous Materials (Prime Coat) = 0.000288 Ton/Sq. Yd.
 Aggregate (Prime Coat) = 0.0015 Ton/Sq. Yd.

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-5-	2085-2	STEPHENSON	66	24
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 64B89	

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS
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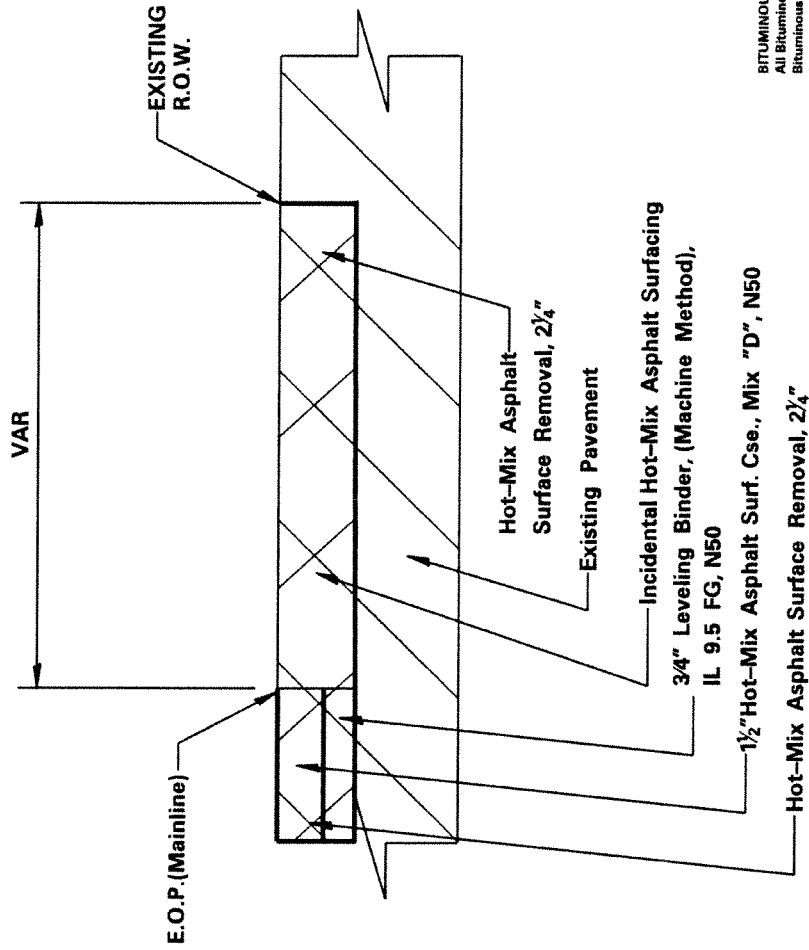
FILE NAME = 0:\Projects\Stephenson\64B89 US Bus 20 from US 20 to Park Blvd
 USER NAME = Fosslerm.j
 PLOT DATE = Tue Apr 08 11:25:36 2014

TYPICAL SECTIONS

US 20 BUS

BUTT JOINT-SIDE ROADS

- | | |
|------------------------|---------------------------|
| Harlem Center Rd. (LT) | Greenfield Rd. (RT)---IN |
| Harlem Center Rd. (RT) | Greenfield Rd. (RT)---OUT |
| Lilly Creek Rd. (RT) | Marion Ave. (LT) |
| Greenfield Rd. (LT) | Park Blvd. (LT) |
| | Park Blvd. (RT) |



BITUMINOUS APPLICATION RATES:
 All Bituminous Mixtures: 122lb/sq. yd/ft²
 Bituminous Materials (Prime Coat) = 0.00286 Ton/Sq. Yd.
 Aggregate (Prime Coat) = 0.0018 Ton/Sq. Yd.

FILE NAME = Q:\Projects\Stephenson\64H89 US Bus 20 From US 20 to Park Blvd	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS	F.A.P. RTE. -5-	SECTION 20BS-2	COUNTY STEPHENSON	TOTAL SHEETS 66	SHEET NO. 25
USER NAME = Fosslermj						CONTRACT NO. 64H89	
PLOT DATE = Tue Apr 08 11:25:50 2014						ILLINOIS FED. AID PROJECT	

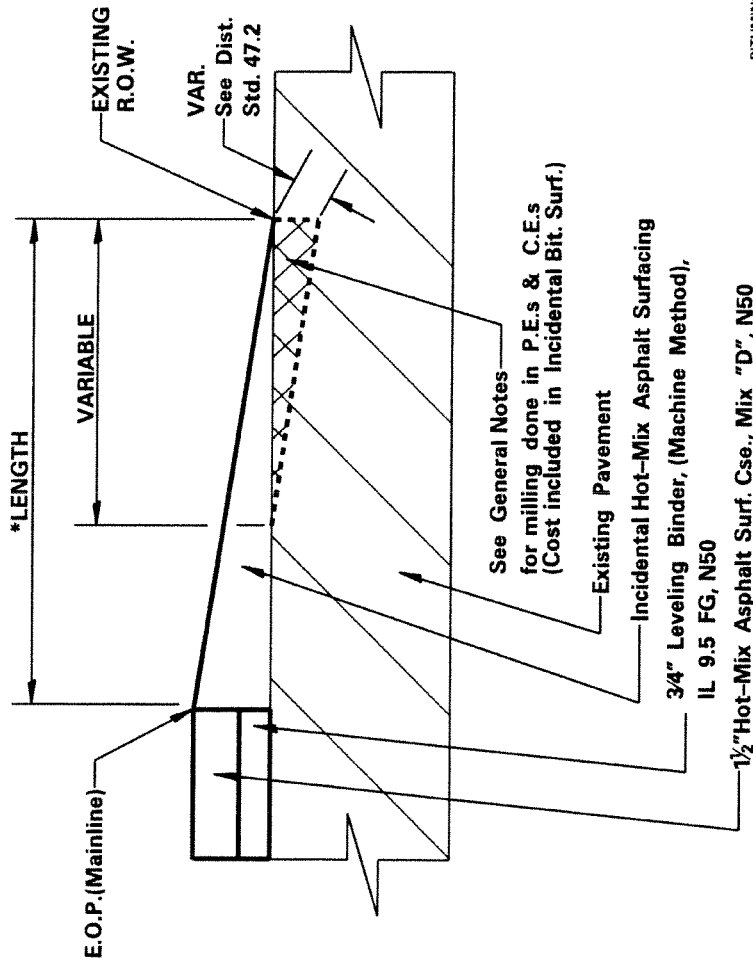
TYPICAL SECTIONS

US 20 BUS

*For all P.E.s & C.E.s

*NOTE: See Notes in Driveway Schedule for approximate distance offsets

** Excludes PCC Driveways—See HMA Shoulder Removal at Entrances Typical **



BITUMINOUS APPLICATION RATES:
 All Bituminous Mixtures: 112lbs/cy yd³inch
 Bituminous Materials (Prime Coat) = 0.000288 Ton-Sq. Yd.
 Aggregate (Prime Coat) = 0.0015 Ton-Sq. Yd.

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
--5--	20BS-2	STEPHENSON	66	26
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64889	

TYPICAL SECTIONS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

FILE NAME = D:\Projects\Stephenson\64889 US Bus 20 From US 20 to Park Blvd
 USER NAME = Fossler:mj
 PLOT DATE = Tue Apr 08 11:25:59 2014

SCHEDULE OF QUANTITIES

25000210 SEEDING, CLASS 2A

<u>LOCATION</u>		<u>REMARK</u>	<u>ACRE</u>
173+13	Rt	Disturbance areas	0.05
173+63	- 177+46	Rt Disturbance areas	0.01
11+78	- 188+72	Not needed in curb areas	2.3
TOTAL			<u>2.40</u>

25100125 MULCH, METHOD 3

<u>LOCATION</u>		<u>REMARK</u>	<u>ACRE</u>
173+13	Rt	Disturbance areas	0.05
173+63	- 177+46	Rt Disturbance areas	0.01
11+78	- 188+72	Not needed in curb areas	2.3
TOTAL			<u>2.40</u>

28200200 FILTER FABRIC

<u>LOCATION</u>		<u>REMARK</u>	<u>SQ YD</u>
173+13	Rt	(Area at D/S end Ar Culvert) 20' Wide x 17' Long	37.8
173+63	- 178+56	(17.5' width) terminates at Agg Ditch Check (near sign)	958.6
TOTAL			<u>996.4</u>

28300400 AGGREGATE DITCH

<u>LOCATION</u>		<u>REMARK</u>	<u>TON</u>
173+13	Rt	(Area at D/S end Ar Culvert) 20' Wide x 17' Long	22.7
173+63	- 177+46	Rt RR 4	446.8
TOTAL			<u>470</u>

40600527 LEVELING BINDER (HAND METHOD), IL 9.5FG, N50

<u>LOCATION</u>		<u>REMARK</u>	<u>TON</u>
11+78	- 125+20	(As Needed)	14.0
126+55	- 215+24	(As Needed)	7.0
TOTAL			<u>21</u>

40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

<u>LOCATION</u>		<u>REMARK</u>	<u>SQ YD</u>
<u>Mainline</u>			
11+78	- 12+23	36' Wide	180.0
<u>Sideroads</u>			
AYP Rd	Lt	26' Wide	72.2
Mesa Dr.	Lt	40' Wide	111.1
TOTAL			<u>363.3</u>

SCHEDULE OF QUANTITIES

FAP 5 (US 20 BUS)
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40600990 TEMPORARY RAMP

<u>LOCATION</u>	<u>REMARK</u>	<u>SQ YD</u>
<u>Mainline</u>		
11+78		21.7
125+20	@ Bridge Omission	20.0
126+55	@ Bridge Omission	20.0
215+24		60.0
<u>Sideroads</u>		
AYP Rd Lt		21.7
Harlem Center Rd	Lt	29.2
Harlem Center Rd	Rt	21.7
Lilly Creek Rd	Rt	28.3
Greenfield	Lt	25.0
Greenfield	Rt (IN)	13.3
Greenfield	Rt (OUT)	13.3
Mesa Dr.	Lt	33.3
Marion Ave.	Lt Trailer Park Ent.	40.0
Frontage Rd (West)	Rt	31.7
Park Blvd.	Lt	44.2
Park Blvd.	Rt	50.0
Sidewalks at Park Blvd.		7.5
TOTAL		480.8

42400200 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH

<u>LOCATION</u>	<u>REMARK</u>	<u>SQ FT</u>
Park Blvd (Lt)	NE Quadrant	215.0
Park Blvd (Lt)	NE Quadrant Ramp Section	25.0
Park Blvd (Rt)	SE Quadrant	180.0
Park Blvd (Rt)	SE Quadrant Ramp Section	30.0
Park Blvd (Rt)	SW Quadrant	105.0
Park Blvd (Rt)	SW Quadrant Ramp Section	25.0
TOTAL		580.0

42400800 DETECTABLE WARNINGS

<u>LOCATION</u>	<u>REMARK</u>	<u>SQ FT</u>
Park Blvd (Lt)	NE Quadrant	10.0
Park Blvd (Rt)	SE Quadrant	10.0
Park Blvd (Rt)	SW Quadrant	10.0
TOTAL		30.0

44000500 COMBINATION CURB AND GUTTER REMOVAL

<u>LOCATION</u>	<u>REMARK</u>	<u>FOOT</u>
Park Blvd (Lt)	NE Quadrant	35
Park Blvd (Rt)	SE Quadrant	30
Park Blvd (Rt)	SW Quadrant	15
TOTAL		80

44000600 SIDEWALK REMOVAL

<u>LOCATION</u>	<u>REMARK</u>	<u>SQ FT</u>
Park Blvd (Lt)	NE Quadrant	215.0
Park Blvd (Lt)	NE Quadrant Ramp Section	27.5
Park Blvd (Rt)	SE Quadrant	180.0
Park Blvd (Rt)	SE Quadrant Ramp Section	27.7
Park Blvd (Rt)	SW Quadrant	105.0
Park Blvd (Rt)	SW Quadrant Ramp Section	21
TOTAL		576.3

SCHEDULE OF QUANTITIES

FAP 5 (US 20 BUS)
 Section 20RS-2
 Stephenson County
 Contract #64H89
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44201031		CLASS B PATCHES, TYPE II, 15 INCH		
<u>LOCATION</u>		<u>REMARK</u>		<u>SQ FT</u>
194+40	Rt	At the Inlet to be Reconstructed (10' long x 6' wide)		6.7
	TOTAL			<u>7</u>

44201299		DOWEL BARS 1 1/2"		
<u>LOCATION</u>		<u>REMARK</u>		<u>EACH</u>
194+40	Rt	For Class B Patch		12
	TOTAL			<u>12</u>

44213200		SAW CUTS		
<u>LOCATION</u>		<u>REMARK</u>		<u>FOOT</u>
194+40	Rt	For Class B Patch		38
	TOTAL			<u>38</u>

44300200		STRIP REFLECTIVE CRACK CONTROL TREATMENT		
<u>LOCATION</u>		<u>REMARK</u>		<u>FOOT</u>
11+78	-	14+43	Veers across lanes	265
26+35	-	31+54	Veers across lanes	519
31+54	-	61+52	Veers across lanes	2998
92+78	-	96+55	Veers across lanes	377
131+41	-	156+67	Veers across lanes	2526
137+88	-	156+67	Veers across lanes	1879
	TOTAL			<u>8564</u>

602555000		MANHOLES TO BE ADJUSTED		
<u>LOCATION</u>		<u>REMARK</u>		<u>EACH</u>
189+97	Lt @ 35' Lt			1
202+51	Rt @ 19' Rt	1/2 in gutter		1
209+84	Rt @ 35' Rt			1
210+27	Rt @ 54' Rt	@ S. Park Blvd.		1
210+48	Rt @ 66' Rt	@ S. Park Blvd.		1
210+60	Rt @ 59' Rt	@ S. Park Blvd.	Open Lid	1
210+60	Lt @ 61' Lt	@ N. Park Blvd.		1
210+61	Rt @ 8' Rt	thru lane		1
	TOTAL			<u>8</u>

60262700		INLETS TO BE RECONSTRUCTED		
<u>LOCATION</u>		<u>REMARK</u>		<u>EACH</u>
194+40	Rt @ 18' Rt	In Gutter Section		1
	TOTAL			<u>1</u>

60265700		VALVE VAULTS TO BE ADJUSTED		
<u>LOCATION</u>		<u>REMARK</u>		<u>EACH</u>
164+88	Lt @ 31' Lt			1
165+00	Lt @ 28' Lt			1
165+04	Lt @ 31' Lt			1
165+21	Lt @ 34' Lt			1
188+80	Lt @ 24' Lt			1
211+53	Rt @ 10' Rt			1
	TOTAL			<u>6</u>

SCHEDULE OF QUANTITIES

FAP 5 (US 20 BUS)
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60603800 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

<u>LOCATION</u>	<u>REMARK</u>	<u>FOOT</u>
Park Blvd (Lt)	NE Quadrant	35
TOTAL		<u>35</u>

60605000 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

<u>LOCATION</u>	<u>REMARK</u>	<u>FOOT</u>
Park Blvd (Rt)	SE Quadrant	30
Park Blvd (Rt)	SW Quadrant	15
TOTAL		<u>45</u>

64200108 SHOULDER RUMBLE STRIPS, 8 INCH

<u>LOCATION</u>	<u>REMARK</u>	<u>FOOT</u>
12+45 - 21+20 LT	Gap Entrances and Sideroads	875
23+70 - 73+23 LT	Gap Entrances and Sideroads	4953
75+88 - 102+01 LT	Gap Entrances and Sideroads	2613
104+36 - 125+20 LT	Gap Entrances and Sideroads	2084
126+55 - 146+41 LT	Gap Entrances and Sideroads	1986
149+46 - 163+94 LT	Gap Entrances and Sideroads	1448
168+52 - 188+72 LT	Gap Entrances and Sideroads	2020
12+45 - 73+23 RT	Gap Entrances and Sideroads	6078
74+91 - 125+20 RT	Gap Entrances and Sideroads	5029
126+55 - 187+49 RT	Gap Entrances and Sideroads	6094
TOTAL		<u>33180</u>

66700305 PERMANENT SURVEY MARKERS, TYPE II

<u>LOCATION</u>	<u>REMARK</u>	<u>EACH</u>
	To be determined by Resident Engineer	
	Start 0.5 miles from Intersection of US 20 and US 20 BUS	4
TOTAL		<u>4</u>

70300100 SHORT TERM PAVEMENT MARKING

<u>LOCATION</u>	<u>REMARK</u>	<u>FOOT</u>
<u>2 applications (2 TAPE)</u>		
YELLOW		
11+78 - 19+85	Centerline	80.7
25+05 - 70+10	Centerline	450.5
77+35 - 100+66	Centerline	233.1
114+41 - 121+56	Centerline	71.5
130+53 - 145+06	Centerline	145.3
150+81 - 162+59	Centerline	117.8
169+87 - 186+81	Centerline	169.4
WHITE		
179+41 - 182+16	Lt Turn Ln	27.5
11+78 - 188+72	Shoulders	1415.5
	Total =	2711.3
	X 2 Applications =	5422.6

SCHEDULE OF QUANTITIES

FAP 5 (US 20 BUS)
Section 20RS-2
Stephenson County
Contract #64H89
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3 Applications (1 PAINT & 2 TAPE)

YELLOW

19+85	-	25+05	Centerline	52.0
70+10	-	77+35	Centerline	72.5
100+66	-	114+41	Centerline	137.5
121+56	-	125+20	Centerline	36.4
126+55	-	130+53	Centerline	39.8
145+06	-	150+81	Centerline	57.5
162+59	-	169+87	Centerline	72.8
186+81	-	215+24	Centerline	284.3

SIDEROAD

Park Blvd Lt		Centerline Skips	20.0
Park Blvd Rt		Centerline Skips	24.0

WHITE

145+92	-	147+07	Lt Turn Ln	11.5
148+04	-	150+60	Lt Turn Ln	25.6
162+14	-	164+20	Lt Turn Ln	20.6
165+61	-	167+19	Lt Turn Ln	15.8
165+61	-	167+19	Rt Turn Ln	15.8
188+16	-	189+21	Lt Turn Ln	10.5
190+19	-	191+54	Rt Turn Ln	13.5
205+55	-	210+24	Eastbound Skip Dash	46.9
208+02	-	210+24	Lt Turn Ln	22.2
208+02	-	210+24	Rt Turn Ln	22.2
208+02	-	210+24	Westbound Skip Dash	22.2
211+19	-	214+00	Lt Turn Ln	28.1
214+00	-	215+24	Eastbound Skip Dash	12.4
214+00	-	215+24	Westbound Skip Dash	12.4

SIDEROAD

Park Blvd Lt		Lt Turn Bay Skips	20.0
Park Blvd Rt		Lt Turn Bay Skips	24.0
Park Blvd Rt		Rt Turn Bay Skips	24.0

Total = 1144.5
X 3 applications = 3433.5

TOTAL 8856

70301000 WORK ZONE PAVEMENT MARKING REMOVAL

LOCATION REMARK SQ FT

YELLOW

11+78	-	215+24	Skip Dash	1272.4
-------	---	--------	-----------	--------

WHITE

145+92	-	147+07	Lt Turn Ln	3.8
148+04	-	150+60	Lt Turn Ln	8.4
162+14	-	164+20	Lt Turn Ln	6.8
165+61	-	167+19	Lt & Rt Turn Ln	10.4
179+41	-	182+16	Lt Turn Ln	9.1
188+16	-	189+21	Lt Turn Ln	3.5
190+19	-	191+54	Rt Turn Ln	4.5
205+55	-	210+24	Eastbound Skip Dash	15.5
208+02	-	210+24	Lt & Rt Turn Ln	14.7
208+02	-	210+24	Westbound Skip Dash	7.3
211+19	-	214+00	Lt Turn Ln	9.3
214+00	-	215+24	Eastbound & Westbound Skip Dash	8.2

11+78	-	188+72	Shoulders	467.1
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SIDEROAD

Park Blvd Lt		Centerline Skips	6.6
Park Blvd Lt		Lt Turn Bay Skips	6.6
Park Blvd Rt		Centerline Skips	7.9
Park Blvd Rt		Lt Turn Bay Skips	7.9
Park Blvd Rt		Rt Turn Bay Skips	7.9

TOTAL 1878

SCHEDULE OF QUANTITIES

FAP 5 (US 20 BUS)
 Section 20RS-2
 Stephenson County
 Contract #64H89
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78000100 THERMOPLASTIC PAVEMENT MARKING -LETTERS AND SYMBOLS

<u>LOCATION</u>	<u>REMARK</u>	<u>SQ FT</u>
YELLOW		
178+94	2 Lt Turn Arrows - Bi directional Lane	31.2
181+71	2 Lt Turn Arrows - Bi directional Lane	31.2
184+50	2 Lt Turn Arrows - Bi directional Lane	31.2
187+30	2 Lt Turn Arrows - Bi directional Lane	31.2
190+10	2 Lt Turn Arrows - Bi directional Lane	31.2
192+90	2 Lt Turn Arrows - Bi directional Lane	31.2
WHITE		
145+62	Lt Turn Arrow - (CE)	15.6
146+27	Lt Turn Arrow - (CE)	15.6
146+92	Lt Turn Arrow - (CE)	15.6
148+18	Lt Turn Arrow - Lily Creek	15.6
149+26	Lt Turn Arrow - Lily Creek	15.6
150+35	Lt Turn Arrow - Lily Creek	15.6
162+37	Lt Turn Arrow - Greenfield	15.6
163+20	Lt Turn Arrow - Greenfield	15.6
164+02	Lt Turn Arrow - Greenfield	15.6
165+72	Lt Turn Arrow - Greenfield	15.6
166+05	Rt Turn Arrow - Greenfield	15.6
166+40	Lt Turn Arrow Greenfield	15.6
166+56	Rt Turn Arrow - Greenfield	15.6
167+10	Lt Turn Arrow - Greenfield	15.6
167+10	Rt Turn Arrow - Greenfield	15.6
179+60	Rt Turn Arrow - Mesa Dr.	15.6
180+79	Rt Turn Arrow - Mesa Dr.	15.6
181+96	Rt Turn Arrow - Mesa Dr.	15.6
188+16	Lt Turn Arrow - Marion Ave.	15.6
188+69	Lt Turn Arrow - Marion Ave.	15.6
189+21	Lt Turn Arrow - Marion Ave.	15.6
190+19	Rt Turn Arrow Marion Ave.	15.6
190+87	Rt Turn Arrow Marion Ave.	15.6
191+54	Rt Turn Arrow Marion Ave.	15.6
208+40	Lt Turn Arrow - Park Blvd	15.6
208+40	Rt Turn Arrow - Park Blvd	15.6
209+00	Lt Turn Arrow - Park Blvd	15.6
209+00	Rt Turn Arrow - Park Blvd	15.6
209+60	Lt Turn Arrow - Park Blvd	15.6
209+60	Rt Turn Arrow - Park Blvd	15.6
210+20	Lt Turn Arrow - Park Blvd	15.6
210+20	Rt Turn Arrow - Park Blvd	15.6
211+34	Lt Turn Arrow - Park Blvd	15.6
212+53	Lt Turn Arrow - Park Blvd	15.6
213+75	Lt Turn Arrow - Park Blvd	15.6
SIDEROAD		
Park Blvd Lt	Lt Turn Arrow - Park Blvd. (Lt)	15.6
Park Blvd Rt	Lt Turn Arrow - Park Blvd. (Rt)	15.6
TOTAL		764.4

78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"

<u>LOCATION</u>	<u>REMARK</u>	<u>FOOT</u>
YELLOW		
138+79	- 145+72 Center Median - Dbl, Dbl Y	2,772
145+72	- 147+07 Dbl Y	270
148+04	- 150+80 Dbl Y	552
150+80	- 157+25 Center Median - Dbl, Dbl Y	2,580
157+25	- 158+66 Dbl Y	282
158+66	- 161+29 Center Median - Dbl, Dbl Y	1,052
161+29	- 164+20 Dbl Y	582
165+61	- 167+58 Dbl Y	394
167+58	- 171+56 Center Median - Dbl, Dbl Y	1,592
171+56	- 185+57 Dbl Y	2,802
185+57	- 187+78 Center Median - Dbl, Dbl Y	884
187+78	- 189+21 Dbl Y	286
190+04	- 205+77 Bi-Directional Turn Lane	3,933
205+77	- 210+24 Center Median - Dbl, Dbl Y	894
211+19	- 215+24 Center Median - Dbl, Dbl Y	810
Lily Creek Rd	Center Median	211

SCHEDULE OF QUANTITIES

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WHITE			
205+55	-	210+24	Eastbound Skip Dash
208+02	-	210+24	Westbound Skip Dash
214+00	-	215+24	Westbound Skip Dash
214+00	-	215+24	Eastbound Skip Dash
			117
			56
			31
			31
 <u>SIDEROADS</u>			
Park Blvd Lt			DbI Yellow
Park Blvd Rt			Median
			96
			112
		TOTAL	20338

78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"

<u>LOCATION</u>		<u>REMARK</u>	<u>FOOT</u>
211+12		Center of Crosswalk	232
Park Blvd Rt		Crosswalks	196
		TOTAL	428

78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 8"

<u>LOCATION</u>		<u>REMARK</u>	<u>FOOT</u>
WHITE			
<u>Mainline</u>			
145+92	-	147+07	Median - DbI 8" Lt Turn Ln @ Lilly Creek
148+04	-	150+60	Median - DbI 8" Lt Turn Ln @ Lilly Creek
162+14	-	164+20	Lt Turn Ln @ Greenfield Dr. (LT)
165+61	-	167+19	Lt Turn Ln @ Greenfield Dr. (RT)
165+61	-	167+19	Rt Turn Ln @ Greenfield Dr. (LT)
179+41	-	182+16	Lt Turn Ln @ Mesa Dr. (LT)
188+16	-	189+21	Lt Turn Ln @ Marion Ave. (Trailer Park)
190+19	-	191+54	Rt Turn Ln @ Marion Ave. (Trailer Park)
208+02	-	210+24	Lt Turn Ln @ Park Blvd.
208+02	-	210+24	Rt Turn Ln @ Park Blvd.
211+19	-	214+00	Lt Turn Ln
			230.0
			512.0
			206.0
			158.0
			158.0
			275.0
			105.0
			135.0
			222.0
			222.0
			281.0

<u>SIDEROADS</u>			
Harlem Center Rd. Lt		Island	118.0
Lily Creek Rd		Island	67.0
Lily Creek Rd		Turn Radius Island	253.0
Park Blvd Lt		Lt Turn Bay Line	46.0
Park Blvd Rt		Lt Turn Bay Line	56.0
Park Blvd Rt		Rt Turn Bay Line	56.0
		TOTAL	3100

78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"

<u>LOCATION</u>		<u>REMARK</u>	<u>FOOT</u>
YELLOW			
138+79	-	145+72	Center Median
150+80	-	157+25	Center Median
158+66	-	161+29	Center Median
167+58	-	171+56	Center Median
185+57	-	187+78	Center Median
205+77	-	210+24	Center Median
211+19	-	215+24	Center Median
Lily Creek Rd		Center Median	28
Park Blvd Rt		Island Diagonals	40
WHITE			
145+92	-	147+07	Lt Turn Lane Median
148+04	-	150+60	Lt Turn Lane Median
Harlem Center Rd. Lt		Island	102
Lily Creek Rd		Island	95
Lily Creek Rd		Turn Radius Island	70
		TOTAL	1454

SCHEDULE OF QUANTITIES

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78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"

<u>LOCATION</u>	<u>REMARK</u>	<u>FOOT</u>
<u>Mainline</u>		
210+24	Stop bar @ Park Blvd Int.	65
211+19	Stop bar @ Park Blvd Int.	48
 <u>SIDEROADS</u>		
Harlem Center Rd	Stop bar	32
Lily Creek Rd	Stop bar	27
Greenfield Dr. (LT)	Stop bar	21
Greenfield Dr. (RT)	Stop bar	22
Park Blvd Lt	Stop bar	56
Park Blvd Rt	Stop bar	49
TOTAL		<hr/> 320

78001110 PAINT PAVEMENT MARKING - LINE 4 INCH

<u>LOCATION</u>	<u>REMARK</u>	<u>FOOT</u>
(2 Applications)		
<u>YELLOW</u>		
11+78	- 23+82 Dbl Y	2,408
23+82	- 33+92 Westbound No Passing	1,263
33+92	- 52+11 Skip Dash	455
52+11	- 63+69 Eastbound No Passing	1,448
63+69	- 112+31 Dbl Y	9,724
112+31	- 117+69 Westbound No Passing	673
117+69	- 122+71 Skip Dash	126
122+71	- 132+84 Eastbound No Passing	1,266
132+84	- 138+79 Dbl Y	1,190
	TOTAL YELLOW =	18,553
 <u>WHITE</u>		
11+78	- 188+16 Rt Edge Line	17,638.00
11+78	- 188+72 Lt Edge Line	17,694.00
	TOTAL WHITE =	35,332.0
	TOTAL PAINT =	53,885.0
	x 2 Applications =	107,770

78100100 RAISED REFLECTIVE PAVEMENT MARKERS

<u>LOCATION</u>	<u>REMARK</u>	<u>EACH</u>
<u>2 Way - Amber</u>		
<u>YELLOW</u>		
11+78	- 138+79	159
138+79	- 145+72 Center Median	52
145+72	- 147+07 Dbl Y	10
148+04	- 150+80 Dbl Y	21
150+80	- 157+25 Center Median	48
157+25	- 158+66 Dbl Y	11
158+66	- 161+29 Center Median	20
161+29	- 164+20 Dbl Y	22
165+61	- 167+58 Dbl Y	15
167+58	- 171+56 Center Median	30
171+56	- 185+57 Dbl Y	105
185+57	- 187+78 Center Median	17
187+78	- 189+21 Dbl Y	11
190+04	- 205+77 Bi-Directional Turn Lane	79
205+77	- 210+24 Center Median	34
211+19	- 215+24 Center Median	30
	Park Blvd (Lt)	4
	Park Blvd (Rt)	4
	Total two-way =	<hr/> 672

SCHEDULE OF QUANTITIES

FAP 5 (US 20 BUS)
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One-way Crystal
 WHITE

145+92	-	147+07	Median - Dbl 8" Lt Turn Ln	12
148+04	-	150+60	Median - Dbl 8" Lt Turn Ln	26
162+14	-	164+20	Lt Turn Ln	10
165+61	-	167+19	Lt & Rt Turn Ln	16
179+41	-	182+16	Lt Turn Ln	14
188+16	-	189+21	Lt Turn Ln	5
190+19	-	191+54	Rt Turn Ln	7
205+55	-	210+24	Eastbound Skip Dash	6
208+02	-	210+24	Lt & Rt Turn Ln	22
208+02	-	210+24	Westbound Skip Dash	3
211+19	-	214+00	Lt Turn Ln	14
214+00	-	215+24	Eastbound Skip Dash	2
214+00	-	215+24	Westbound Skip Dash	2
			Park Blvd (Lt)	2
			Park Blvd (Rt)	4
Total one-way =				<u>145</u>

TOTAL **817**

78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

<u>LOCATION</u>		<u>REMARK</u>	<u>EACH</u>	
11+78	-	215+24	Centerline	533
			N. Park Blvd	6
			S. Park Blvd.	8
TOTAL				<u>547</u>

X8860400 DETECTOR LOOP SPECIAL

<u>LOCATION</u>	<u>REMARK</u>	<u>FOOT</u>
	Call Scott Kullerstrand for Layout (815)284-5468	
Westbound Lt Turn Lane - Park Blvd	2 loops	200
Westbound Thru Lanes - Park Blvd	4 loops	400
Eastbound Lt Turn Lane - Park Blvd	2 loops	200
Eastbound Thru Lanes - Park Blvd	4 loops	400
Park Blvd (Lt) - Lt Turn Lane	2 loops	200
Park Blvd (Lt) - Thru Lane	2 loops	200
Park Blvd (Rt) - Lt Turn Lane	2 loops	200
Park Blvd (Rt) - Thru Lane	2 loops	200
TOTAL		<u>2000</u>

Z0007430 TEMPORARY SIDEWALK

<u>LOCATION</u>	<u>REMARK</u>	<u>SQ FT</u>
Park Blvd (Lt)	NE Quadrant	172.0
Park Blvd (Lt)	NE Quadrant Ramp Section	27.5
Park Blvd (Rt)	SE Quadrant	144.0
Park Blvd (Rt)	SE Quadrant Ramp Section	27.7
TOTAL		<u>371.3</u>

HMA and MILLING SCHEDULE

STATIONS	REMARKS	LENGTH Ft	PAVEMENT			PROPOSED SURFACE			BIT MAT'L (PRIME COAT)	40609627 LEVEL BAND (MM) IL 9.5FG NS0	40603510 HOT-MIX ASPHALT SURF CSE MIX "C", NS0	40603335 HOT-MIX ASPHALT SURF CSE MIX "D", NS0	40600050 INCIDENTAL HOT-MIX ASPHALT SURFACING	4400158 HOT-MIX ASPHALT SURF RNVL 2 1/4"	X4401198 HOT-MIX ASPHALT SURF RNVL VAR. DEPTH	21101600 TOPSOIL F & P VARIABLE 3' WIDE							
			WIDTH (FT)	SQ. YD.	LT.	RT	SQ. YD.	TON									TON	SQ. YD.	SQ. YD.				
11+78.0 - 12+45.5	BT/1 Taper Overlay 2.25"	67.5	26	195.0	5	5	5	165	2	11	16				45								
12+45.5 - 19+85.0	Overlay 2.25"	739.5	26	2136.3	5	5	5	1812	120	115	179				453								
19+85.0 - 20+52.5	Taper Area Milling 2.25"	67.5	26	195.0	5	5	5	165	11	11	16			270	45								
21+20.0 - 23+70.0	CC&G (L.T.) Milling 2.25" Milling 2.25"	260.0	26	722.2	5	5	5	550	40	19	61				83								
24+37.5 - 25+05.0	Taper Area Overlay 2.25"	67.5	26	195.0	5	5	5	165	11	11	16			270	45								
25+05.0 - 39+30.0	Overlay 2.25"	1425.0	26	4116.7	5	5	5	3491	231	222	346				950								
39+30.0 - 64+17.0	Overlay 2.25"	2487.0	26	7184.7	7	5	5	6342	402	464	604				1658								
64+17.0 - 70+10.0	Overlay 2.25"	583.0	26	1713.1	5	5	5	1453	96	92	144				395								
70+10.0 - 70+77.5	Taper Area Milling 2.25"	67.5	26	195.0	5	5	5	165	11	11	16			270	45								
70+77.5 - 73+50.0	Milling 2.25"	272.5	26	787.2	5	5	5	668	44	42	66				182								
73+50.0 - 76+67.5	Milling 2.25"	317.5	26	917.2	5	7	7	810	51	59	77				212								
76+67.5 - 77+35.0	Taper Area Overlay 2.25"	67.5	26	195.0	5	7	7	172	11	13	16			285	45								
77+35.0 - 88+88.0	Overlay 2.25"	2154.0	26	6222.7	5	7	7	5493	348	402	523				1436								
88+88.0 - 100+65.0	Overlay 2.25"	1177.0	26	511.3	5	5	5	434	29	28	43				118								
100+65.0 - 101+33.5	Taper Area Milling 2.25"	67.5	26	195.0	5	5	5	165	11	11	16			270	45								
101+33.5 - 113+73.5	Milling 2.25"	1240.0	26	3692.2	5	5	5	3038	201	193	301			4860	827								
113+73.5 - 114+41.0	Taper Area Overlay 2.25"	67.5	26	195.0	5	5	5	165	11	11	16			270	45								
114+41.0 - 121+56.0	Overlay 2.25"	715.0	26	2055.6	5	5	5	1752	116	111	174				477								
121+56.0 - 122+23.5	Taper Area Milling 2.25"	67.5	26	195.0	5	5	5	165	11	11	16			270	45								
122+23.5 - 125+20.0	Milling 2.25"	286.5	26	856.6	5	5	5	726	48	46	72			1186	198								
BRIDGE OMISSION																							
126+85.0 - 129+85.5	Milling 2.25"	330.5	26	954.8	5	5	5	810	53	51	80			1322	220								
129+85.5 - 130+53.0	Taper Area Overlay 2.25"	67.5	26	195.0	5	5	5	165	11	11	16			270	45								
130+53.0 - 138+38.0	Overlay 2.25"	785.0	26	2267.8	5	5	5	1923	127	122	190				523								
138+38.0 - 145+06.0	Overlay 2.25"	688.0	26-36	2300.9	5	5	5	1887	129	104	193				445								
145+06.0 - 145+73.5	Taper Area Milling 2.25"	67.5	36-48	315.0	5	5	5	246	18	11	26			360	45								
145+73.5 - 146+41.0	Milling 2.25"	67.5	48	360.0	5	5	5	277	20	11	30				45								
146+41.0 - 149+46.0	CC&G (L.T.) Milling 2.25"	305.0	48	1628.7	5	5	5	1174	91	24	137			435	45								
149+46.0 - 150+13.5	Milling 2.25"	67.5	48	360.0	5	5	5	277	20	11	30			1796	102								
150+13.5 - 150+81.0	Taper Area Overlay 2.25"	67.5	48-36	315.0	5	5	5	246	18	11	26			390	45								
150+81.0 - 162+55.0	Overlay 2.25"	1178.0	36	4712.0	5	5	5	3770	284	183	396				785								
162+55.0 - 163+26.5	Taper Area Milling 2.25"	67.5	36-48	315.0	5	5	5	246	18	11	26			390	45								
163+26.5 - 163+94.0	Milling 2.25"	67.5	48	360.0	8	8	8	297	20	17	30				45								
163+94.0 - 168+52.0	CC&G (L.T.) Milling 2.25"	458.0	48	2442.7	8	8	8	1832	137	57	205			480	153								
168+52.0 - 169+19.5	Milling 2.25"	67.5	48	360.0	8	8	8	297	20	17	30			2850	45								
169+19.5 - 169+87.0	Taper Area Overlay 2.25"	67.5	48-26	277.6	8	8	8	241	16	17	23			480	45								
169+87.0 - 178+10.0	Overlay 2.25"	823.0	26	2377.6	8	8	8	2283	133	205	200			398	549								
178+10.0 - 184+52.0	Overlay 2.25"	642.0	26-37	2247.0	8	8	8	2030	126	160	189				428								
184+52.0 - 186+81.0	Overlay 2.25"	229.0	36	916.0	8	8	8	802	51	57	77				153								
186+81.0 - 187+48.5	Taper Area Milling 2.25"	67.5	36	270.0	8	8	8	236	15	17	23			360	45								
187+48.5 - 188+72.0	8' Shldr (L.T.) Milling 2.25"	123.5	36	484.0	8	8	8	383	28	15	41				41								
188+72.0 - 190+28.0	Milling 2.25"	156.0	36-48	728.0	8	8	8	491	41	41	61				41								
190+28.0 - 193+39.0	Milling 2.25"	311.0	48-36	1451.3	8	8	8	980	81	122	122			1451	41								
193+39.0 - 202+02.0	Milling 2.25"	863.0	36	3452.0	8	8	8	2330	193	193	290				3452								
202+02.0 - 215+24.0	Milling 2.25"	1322.0	36-72	7932.0	8	8	8	5354	444	444	666				7932								
															Pg. Sub-Totals =		3900	3010	5663	0	31943	4133	11327

HMA and MILLING SCHEDULE

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STATIONS	REMARKS	LENGTH Ft	PAVEMENT		PROPOSED SURFACE		SHOULDERS RT	SQ. YD.	X4860110 BIT MAT'L (PRIME COAT)	4060927 LEVEL BNDR (MM) IL 9.5FG N50	4063310 HOT-MIX ASPHALT SURF CSE MIX "C", N50	4063335 HOT-MIX ASPHALT SURF CSE MIX "D", N50	4080050 INCIDENTAL HOT-MIX ASPHALT SURFACING	4400156 HOT-MIX ASPHALT SURF RWVL 2 1/4"	X4401196 HOT-MIX ASPHALT SURF RWVL VAR. DEPTH	2101600 TOPSOIL F & P VARIABLE 3' WIDE					
			WIDTH (FT)	SQ. YD.	LT.	RT											TON	TON	TON	SQ. YD.	SQ. YD.
AYP Rd LI 18+18.0		51.0	26-100	300.1				135					46								
Hailem Cntr Rd LI 72+76.0		83.0	36-139	606.8				273					93	607							
Hailem Cntr Rd RI 72+80.0		50.0	26-90	281.7				127					43	282							
Lilly Creek RI 147+63.0		68.0	34-150	695.1				313					107	695							
Greenfield LI 164+94.0		50.0	30-100	283.3				128					44	283							
Greenfield RI 164+94.0	Traffic (IN)	40.0	20-75	211.1				95					33	211							
Greenfield RI 164+94.0	Traffic (OUT)	40.0	18-70	195.6				86					30	196							
Mesa Dr. LI 178+72.0		19.0	40-67	167.7				75					26								
Marion Ave. LI 189+70.0	Trailer Park Entr.	58.0	48-130	472.6				213					73	473							
Frontage Rd RI																					
184+50.0 to 190+88.0		685.0	22	1625.6				732		228											
Frontage Rd RI 190+88	Eastern Radius	53.0	38-21	173.7				*		*				174							
Frontage Rd RI 190+88	(CEPE)	24.0	15-12	36.0				*		*				36							
Park Blvd. LI 210+82.0		60.0	53-190	810.0				365					125	810							
Park Blvd. RI 210+82.0		64.0	60-153	757.3				341					117	757							
Pg. Sub-Totals =									2863	0	228	0	736	4314	210	0					
TOTALS =									58670	3900	3237	5863	736	36256	4342	11327					

* Qty's included in Frontage Rd (Sta. 194+50 - 190+88)

ENTRANCE SCHEDULE

STATIONS	TYPE	PROPOSED SURFACE			WIDTH SHLDR Ft	AREA (SQ YD)	X4060110	40800050	48102100	X4401198	NOTES	
		LENGTH	WIDTH	FLARE			BIT MTLs (PRIME COAT)	INCIDENTAL HOT-MIX ASPHALT SURFACING	AGG WEDGE SHLDR TYPE B	HMA SURF REMOVAL VARIABLE		
		Ft	Ft	Ft			POUND	TON	TON	SQ YD		
14+64.5	Rt PE	HMA	15	12	15		45.0	20	6.93			
15+44.5	Lt PE	HMA	22	20	15		73.9	33	11.38			
16+38.5	Rt PE	HMA	17	15	17		60.4	27	9.31			
21+23.5	Lt PE	HMA	17	13	15		49.6	22	7.63			
24+71.5	Rt PE	HMA	15	12	15		45.0	20	6.93			
25+30.5	Rt PE	HMA	17	12	15		47.7	21	7.34			
26+24.5	Rt PE	HMA	17	12	15		47.7	21	7.34			
37+66.5	Rt FE	Agg	17	24	15		70.3	32	10.83	3.46		
37+66.5	Lt FE	Agg	17	24	15		70.3	32	10.83	3.46		
40+13.7	Lt PE	HMA	17	14	13		45.2	20	6.96			
43+55.7	Lt PE	HMA	17	1	13		20.7	9	3.18			
44+99.7	Lt PE	HMA	17	18	13		52.8	24	8.13			
47+16.7	Lt PE	HMA	17	12	13		41.4	19	6.38			
50+00.7	Lt PE	HMA	17	12	13		41.4	19	6.38			
53+51.7	Rt PE	HMA	16	12	15		46.3	21	7.14			
55+13.7	Lt PE	HMA	16	24	13		61.4	28	9.46			
56+88.7	Lt PE	HMA	15	20	13		52.1	23	8.03			
57+12.7	Rt PE	HMA	17	12	15		47.7	21	7.34			
60+71.7	Lt PE	HMA	15	18	13		48.8	22	7.51			
61+87.7	Lt PE	HMA	15	12	13		38.8	17	5.97			
61+88.7	Rt PE	PCC/HMA		12	15	10	46.7			68.9	***	
63+02.7	Lt PE	HMA	17	17	13		50.9	23	7.84			
65+89.3	Rt PE	HMA	10	12	15		38.3	17	5.90			
68+38.3	Rt PE	HMA	17	12	15		47.7	21	7.34			
69+97.3	Rt PE	HMA	17	12	15		47.7	21	7.34			
75+15.3	Lt PE	HMA	17	15	15		53.3	24	8.21			
76+91.1	Lt PE	HMA	20	14	15		56.1	25	8.64			
80+33.1	Rt PE	HMA	37	12	13		68.1	31	10.49			
80+81.1	Lt FE	Agg	17	15	14		50.1	23	7.72			
82+17.1	Lt PE	HMA	13	13	15		43.8	20	6.74			
82+50.1	Rt PE	HMA	22	12	13		48.1	22	7.41			
85+10.1	Rt PE	HMA	22	12	13		48.1	22	7.41			
85+79.1	Lt PE	HMA	12	12	15		41.0	18	6.31			
86+57.1	Lt PE	HMA	12	12	15		41.0	18	6.31			
87+23.1	Rt PE	PCC/HMA		12	14	12	53.3			80.0	***	
88+73.1	Rt PE	HMA	21	15	13		53.8	24	8.28			
90+14.1	Lt PE	PCC/HMA		14	15	10	48.9			71.1	***	
90+85.1	Rt PE	PCC		14	13	7	31.1			46.7	***	
92+54.1	Rt PE	HMA	23	12	13		49.4	22	7.61			
93+09.1	Lt PE	HMA	26	18	15		77.0	35	11.86			
98+58.1	Rt PE	HMA	21	35	13		100.4	45	15.47			
103+88.1	Lt PE	HMA	17	12	15		47.7	21	7.34			
106+17.1	Lt PE	HMA	17	12	15		47.7	21	7.34			
116+29.1	Lt PE	Agg	17	13	15		49.6	22	7.63	2.75		
116+33.1	Rt PE	Agg	17	18	15		59.0	27	9.09	3.08		
123+67.1	Lt FE	Agg	17	12	15		47.7	21	7.34	2.69		
131+38.8	Rt PE	Agg	17	12	15		47.7	21	7.34	2.69		
134+85.8	Lt PE	HMA	25	12	15		58.3	26	8.98			
							Pg. Sub-Totals =	1026	351	18	267	

ENTRANCE SCHEDULE

STATIONS	TYPE	PROPOSED SURFACE			WIDTH SHLDR Ft	AREA (SQ YD)	X4060110	40800050	48102100	X4401198	NOTES
		LENGTH	WIDTH	FLARE			BIT MTLs (PRIME COAT)	INCIDENTAL HOT-MIX ASPHALT SURFACING	AGG WEDGE SHLDR TYPE B	HMA SURF REMOVAL VARIABLE	
		Ft	Ft	Ft			POUND	TON	TON	SQ YD	
136+39.5	Lt CE	HMA	22	8	25	89.0	40	13.71			
138+20.5	Rt CE	HMA	28	23	15	96.6	43	14.87			
139+70.5	Lt CE	HMA	13	15	15	46.7	21	7.19			
147+76.5	Lt CE	PCC	17	35	15	91.1	41	14.03			
153+11.5	Rt PE	HMA	18	24	15	73.0	33	11.24			
156+48.9	Rt CE	HMA	15	35	15	83.3	38	12.83			
159+57.9	Lt PE	HMA	15	24	15	65.0	29	10.01			
170+07.9	Rt CE	HMA	18	12	12	40.0	18	6.16			
179+19.0	Rt PE	HMA	20	12	15	51.7	23	7.96			
187+22.4	Rt PE	HMA	17	13	0	24.6	11	3.78			
188+39.4	Rt PE	HMA	17	10	15	43.9	20	6.76			
189+92.4	Rt PE	HMA	17	10	15	43.9	20	6.76			
190+72.4	Lt PE	HMA	17	15	15	53.3	24	8.21			
190+87.4	Rt PE	HMA	17	12	15	47.7	21	7.34			
192+52.5	Rt PE	PCC	17	12	15	47.7	21	7.34			
192+63.5	Lt PE	PCC	17	12	15	47.7	21	7.34			
194+10.5	Lt PE	HMA	17	15	15	53.3	24	8.21			
194+68.5	Rt CE	PCC/HMA	17	33	15	87.3	39	13.45			
195+37.5	Lt PE	PCC/HMA	17	12	15	47.7	21	7.34			
196+03.5	Rt CE	PCC/HMA	17	35	15	91.1	41	14.03			
196+06.5	Lt CE	PCC/HMA	17	35	15	91.1	41	14.03			
197+83.5	Rt CE	PCC/HMA	17	35	15	91.1	41	14.03			
197+92.5	Lt CE	PCC/HMA	17	35	15	91.1	41	14.03			
198+44.5	Lt CE	PCC/HMA	17	20	15	62.8	28	9.67			
198+77.5	Lt PE	PCC/HMA	17	25	15	72.2	33	11.12			
199+01.5	Rt CE	PCC/HMA	17	34	15	89.2	40	13.74			
200+75.5	Rt CE	PCC	17	27	15	76.0	34	11.70			
201+08.5	Lt PE	PCC	17	13	15	49.6	22	7.63			
202+60.5	Rt CE	PCC	17	35	15	91.1	41	14.03			
203+58.5	Lt PE	PCC	17	19	15	60.9	27	9.38			
203+70.5	Rt CE	PCC/HMA	17	30	15	81.7	37	12.58			
204+91.0	Lt CE	PCC	17	32	15	85.4	38	13.16			
205+54.0	Rt CE	PCC/HMA	17	34	15	89.2	40	13.74			
208+43.0	Rt CE	PCC	17	32	15	85.4	38	13.16			
						Pg. Sub-Totals =	1054	361	0	0	
						TOTALS =	2079	712	18	267	

*** - Grind EOP to PCC entrance. Asphalt resurfacing qty's covered in HMA schedule.
Taper from 0 - 2 1/4" in 10' on either side of entrance using Variable Depth Milling.
Match into existing PCC entrance

PATCHING SCHEDULE

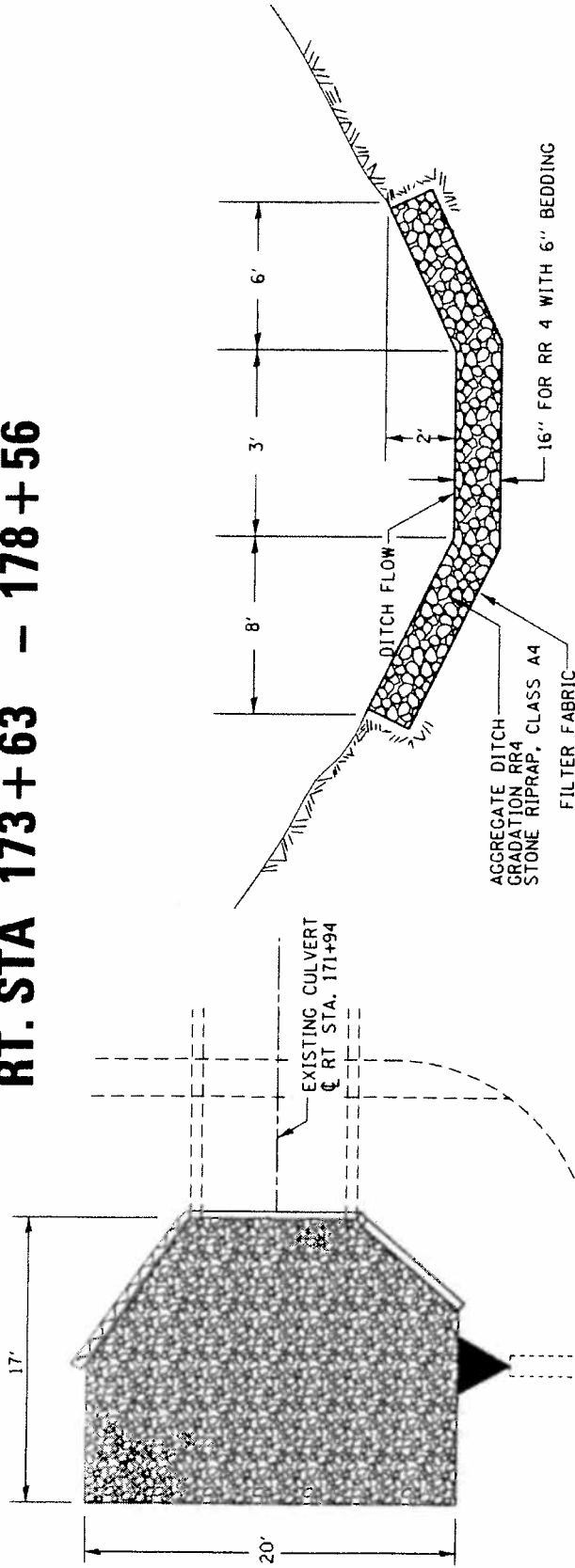
FAP 5 (US 20 BUS)
 Section 20RS-2
 Stephenson County
 Contract # 64H89
 Sheet 40 of 66

STATION	WIDTH OF LANE FT	LENGTH OF PATCH			44002232 HMA REMOVAL OVER PATCHES 8 IN			40601005 HMA REPLACEMENT OVER PATCHES		
		LT LANE	MEDIAN	RT LANE	LT LANE	MEDIAN	RT LANE	LT LANE	MEDIAN	RT LANE
		FT	FT	FT	SQ. YD.	SQ. YD.	SQ. YD.	TONS	TONS	TONS
14+24	13	6		6	8.67		8.67	3.88		3.88
16+24	13	6		6	8.67		8.67	3.88		3.88
28+78	13			10			14.44			6.47
31+12	13			6			8.67			3.88
33+78	13	6			8.67			3.88		
35+39	13	6			8.67			3.88		
36+38	13	6			8.67			3.88		
38+22	13	6		6	8.67		8.67	3.88		3.88
39+30	13	12			17.33			7.77		
41+83	13	6			8.67			3.88		
44+69	13	8			11.56			5.18		
49+41	13	6			8.67			3.88		
57+21	13	6			8.67			3.88		
60+60	13	6			8.67			3.88		
62+83	13	6		6	8.67		8.67	3.88		3.88
77+48	13	6		6	8.67		8.67	3.88		3.88
79+38	13	6			8.67			3.88		
84+34	13			6			8.67			3.88
134+43	13	6		6	8.67		8.67	3.88		3.88
135+14	13	6		6	8.67		8.67	3.88		3.88
136+61	13	6		6	8.67		8.67	3.88		3.88
141+21	13	6	6	6	8.67	8.67	8.67	3.88	3.88	3.88
155+91	13	6	6	6	8.67	8.67	8.67	3.88	3.88	3.88
156+91	13	14	6	6	20.22	8.67	8.67	9.06	3.88	3.88
173+36	13			6			8.67			3.88
174+38	13	6		6	8.67		8.67	3.88		3.88
174+86	13	6		6	8.67		8.67	3.88		3.88
175+87	13	6		6	8.67		8.67	3.88		3.88
176+37	13	6		6	8.67		8.67	3.88		3.88
176+86	13	6		6	8.67		8.67	3.88		3.88
177+87	13	6		6	8.67		8.67	3.88		3.88
178+37	13	6		6	8.67		8.67	3.88		3.88
179+87	13	6		6	8.67		8.67	3.88		3.88
180+37	13	6		6	8.67		8.67	3.88		3.88
TOTAL					283.1	26.0	213.8	126.8	11.6	95.8

44002232	40601005
HMA REMOVAL OVER PATCHES 8 IN	HMA REPLACEMENT OVER PATCHES
522.9	234.3
SQ. YD.	TONS

AGGREGATE DITCH FOR FLEXIBLE DITCH LINING

RT. STA 173+63 - 178+56



THIS WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 283.

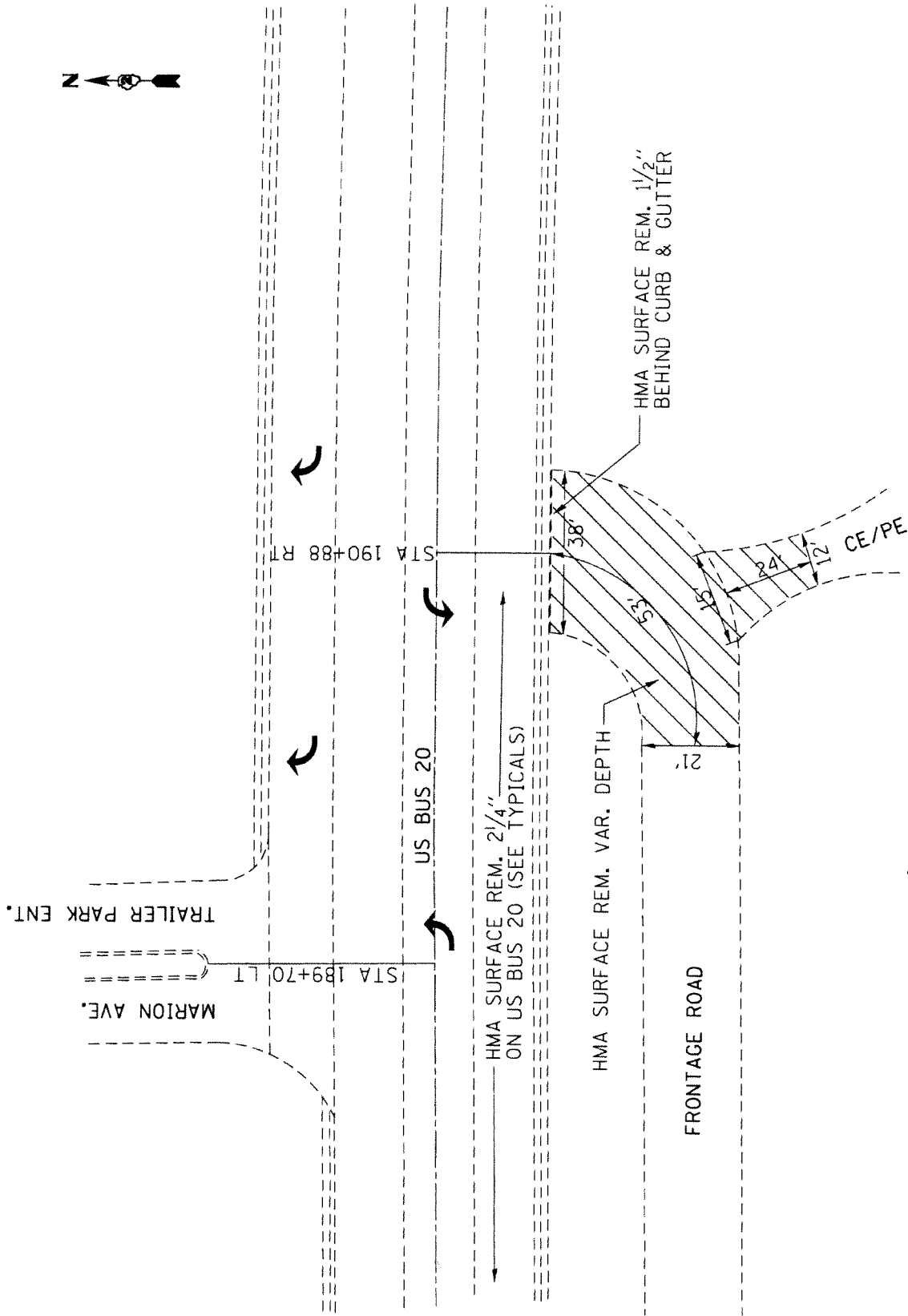
AGGREGATE DITCH WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON. THE FILTER FABRIC SHALL BE ACCORDING TO SECTION 282. FILTER FABRIC WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR FILTER FABRIC.

EARTH EXCAVATION REQUIRED TO DO THIS WORK SHALL BE INCLUDED IN THE COST OF AGGREGATE DITCH.

FIELD ENTRANCE

AGGREGATE DITCH
STA. 173+63 TO STA. 177+46

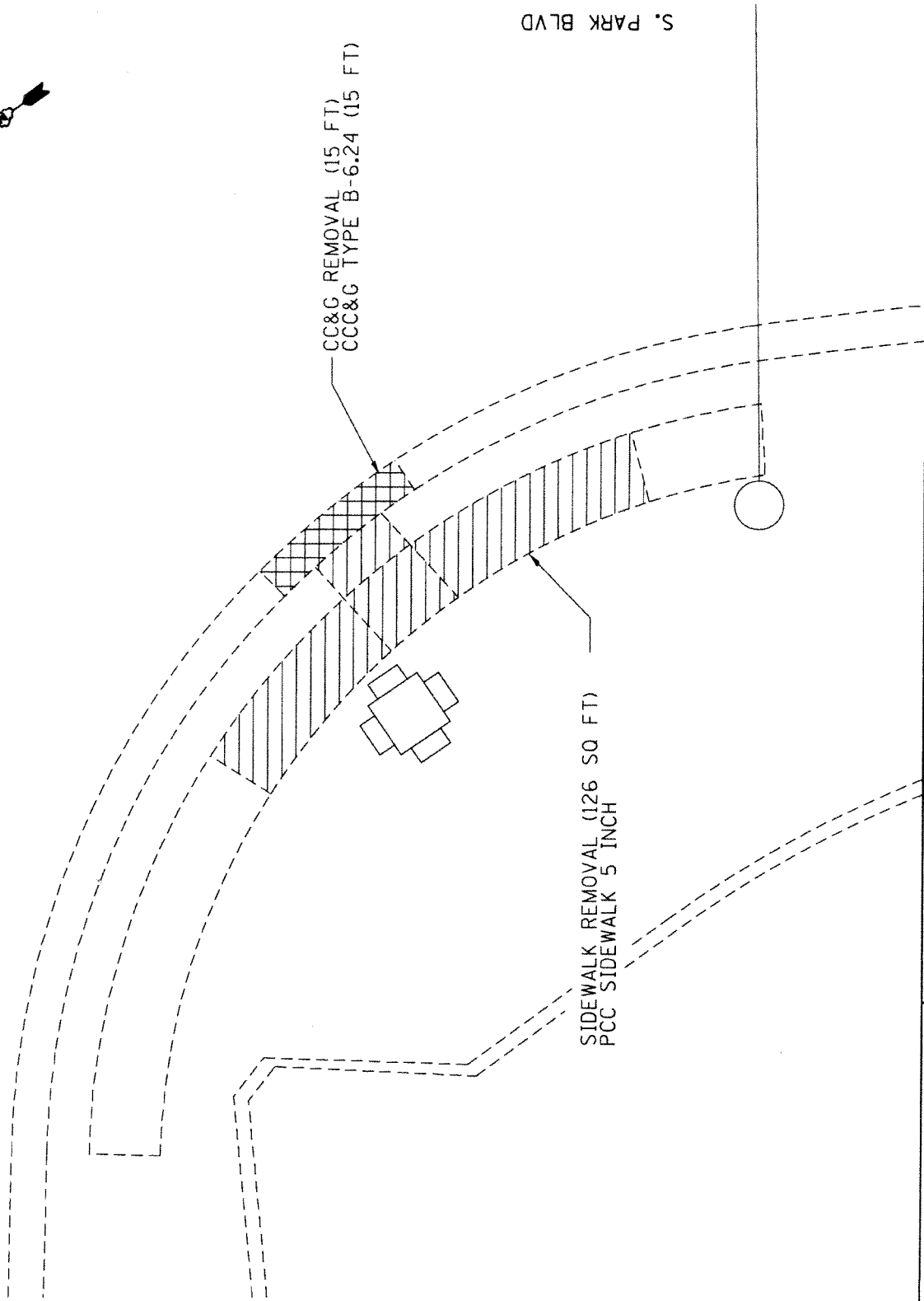
FILE NAME : D:\Projects\Stephenson\64H89 US Bus 20 From US 20 to Park Blvd		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		AGGREGATE DITCH FOR FLEXIBLE DITCH LINING		TOTAL SHEET SHEETS	
USER NAME : Fossilermj		F.A.P RTE. 5		SECTION 20RS-2		COUNTY STEPHENSON	
PLOT DATE : Tue Apr 08 11:31:33 2014		FED. ROAD DIST. NO. -		ILLINOIS FED. AID PROJECT		CONTRACT NO. 64H89	



HMA SURFACE REM. VAR. DEPTH

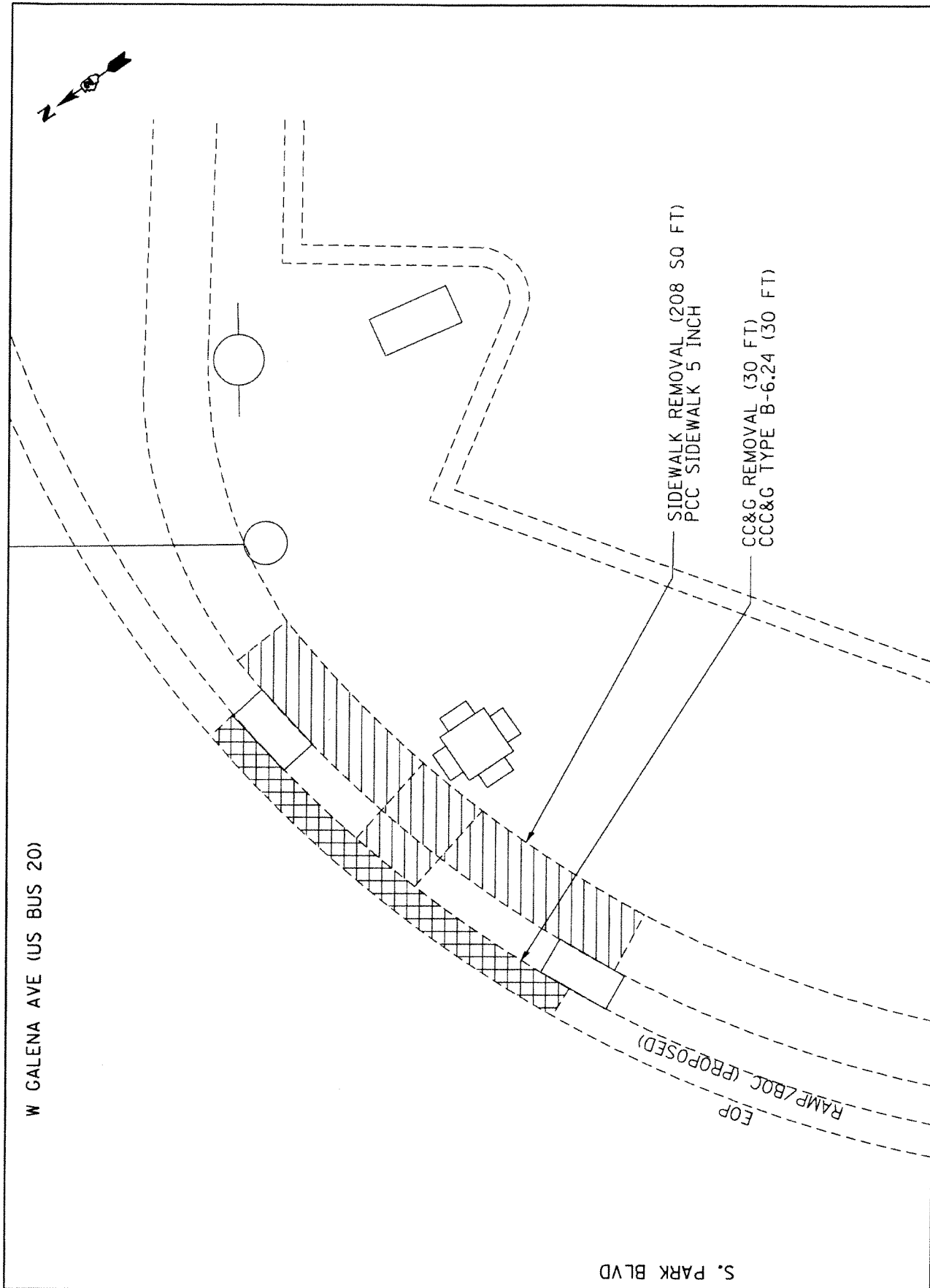
FILE NAME = D:\Projects\Stephenson\64H89 US Bus 20 From US 20 to Park Blvd		(Auden)\Chris Files\Imp\scs\en\02\stds.dgn STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		FRONTAGE ROAD (EASTERN ENTRANCE DETAIL)	
USER NAME = Fosslermj		COUNTY STEPHENSON		TOTAL SHEETS 66	
PLOT DATE = Tue Apr 08 11:31:42 2014		SECTION 20RS-2		SHEET NO. 42	
		FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT		CONTRACT NO. 64H89	

W GALENA AVE (US BUS 20)



S. PARK BLVD

FILE NAME = D:\Projects\Stephenson\64H89 US Bus 20 From US 20 to Park Blvd		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		SW QUADRANT SIDEWALK REMOVAL		F.A.P. RTE. 5		SECTION 20RS-2		COUNTY STEPHENSON		TOTAL SHEETS 66		SHEET NO. 43	
USER NAME = Fosslermj				PLOT DATE = Tue Apr 08 14:12:46 2014				ILLINOIS		FED. AID PROJECT		CONTRACT NO. 64H89			



W GALENA AVE (US BUS 20)

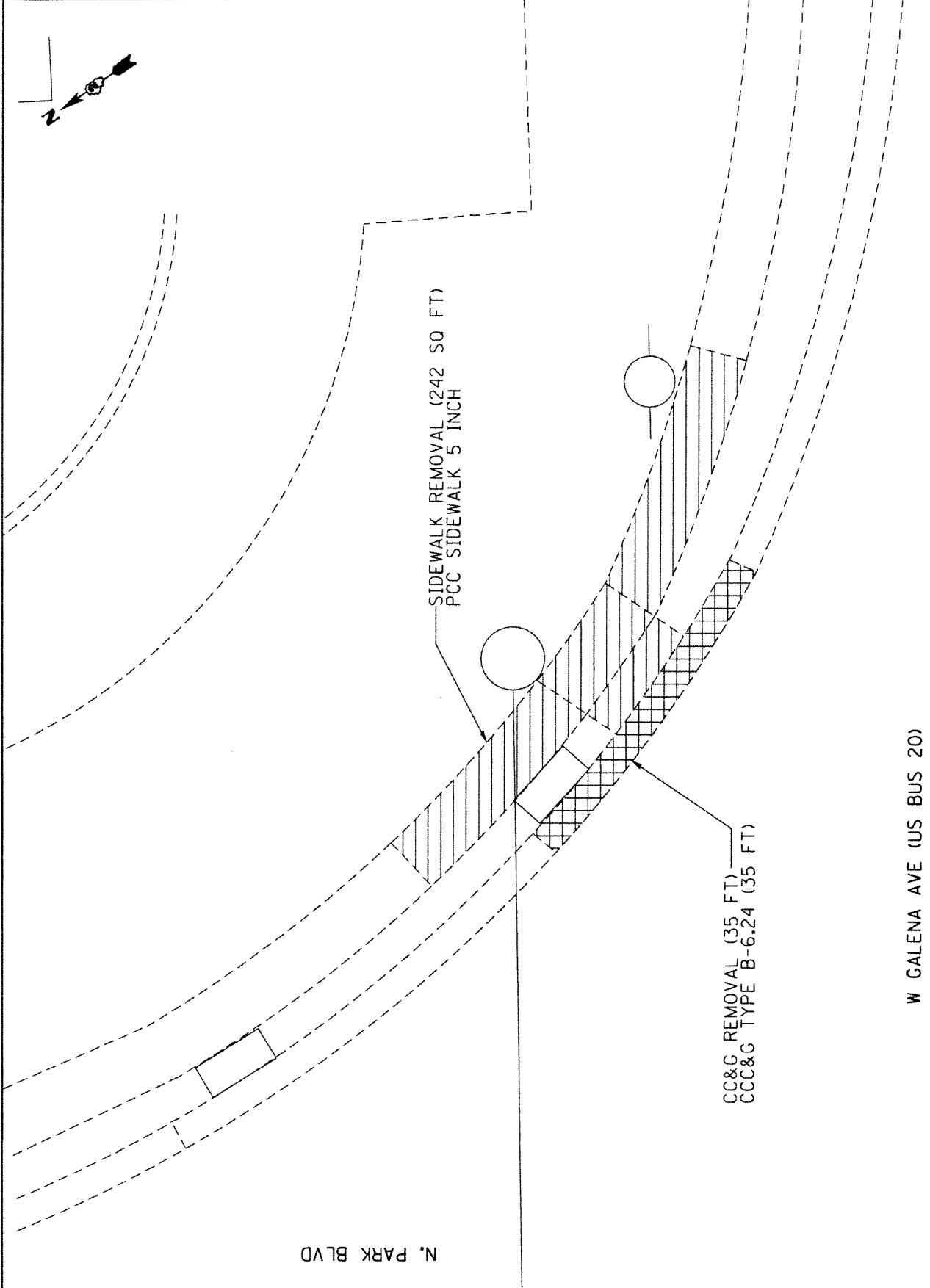
S. PARK BLVD

RAMP 7B0C (PROPOSED)
EOP

SIDEWALK REMOVAL (208 SQ FT)
PCC SIDEWALK 5 INCH

CC&G REMOVAL (30 FT)
CCC&G TYPE B-6.24 (30 FT)

FILE NAME : G:\Projects\Stephenson\64H89 US Bus 20 from US 20 to Park Blvd		(A:\del\Chris Files\Typical\en02s.tds.dgn STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		SE QUADRANT SIDEWALK REMOVAL	
USER NAME : FosslermJ	PLOT DATE : Tue Apr 08 14:17:06 2014	F.A.P. RTE. : 5	SECTION : 20RS-2	COUNTY : STEPHENSON	TOTAL SHEETS : 66 SHEET NO. : 44
		FED. ROAD DIST. NO. : ILLINOIS FED. AID PROJECT CONTRACT NO. 64H89			



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5	20RS-2	STEPHENSON	66	45
FED. ROAD DIST. NO. - ILLINOIS		CONTRACT NO. 64H89		

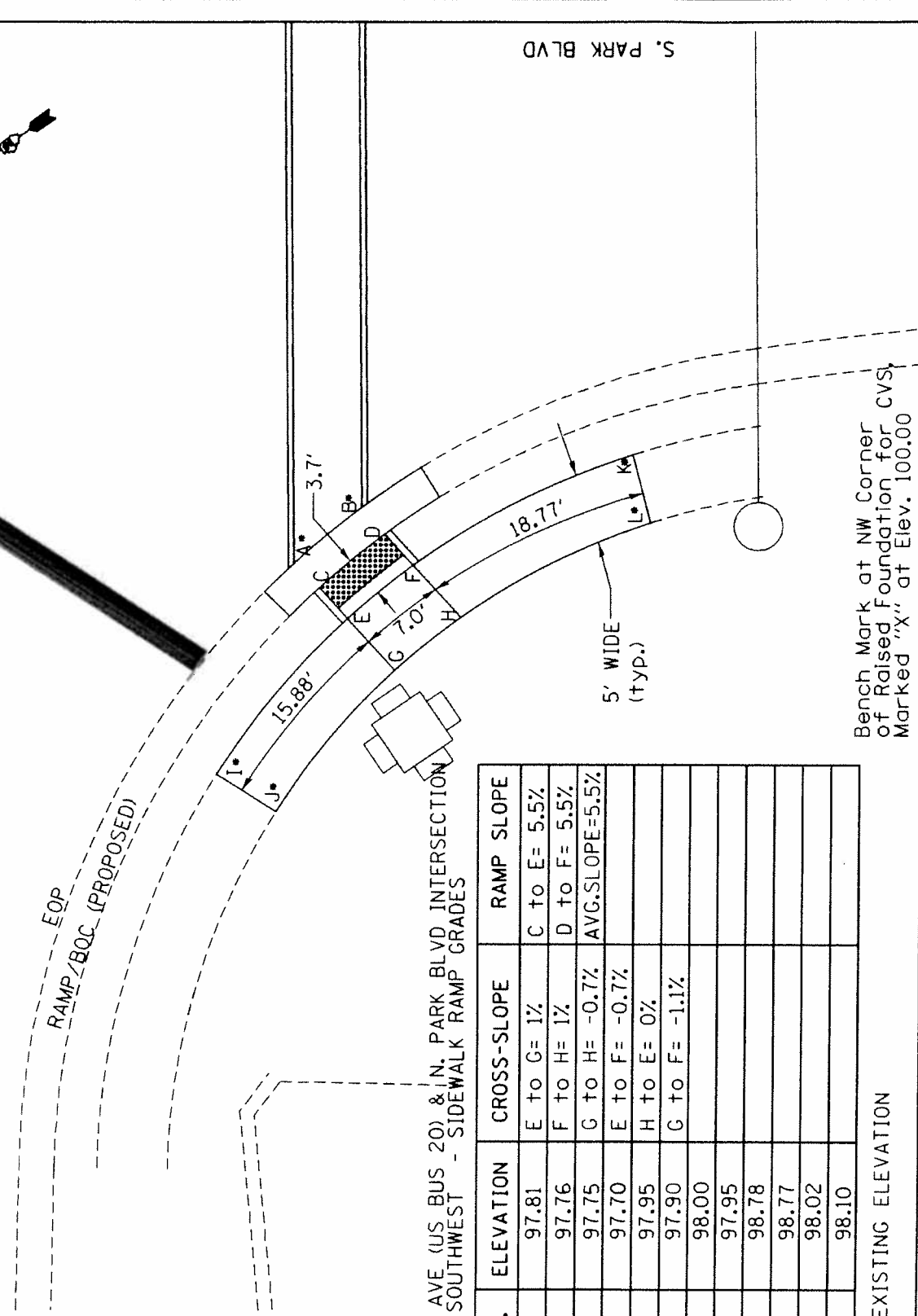
**NE QUADRANT
SIDEWALK REMOVAL**

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FILE NAME =
D:\Projects\Stephenson\64H89 US Bus 20 from US 20 to Park Blvd
USER NAME = FosslermJ
PLOT DATE = Tue Apr 08 14:28:25 2014

W GALETA AVE (US BUS 20)

W GALENA AVE (US BUS 20)



W GALENA AVE (US BUS 20) & N. PARK BLVD INTERSECTION
SOUTHWEST - SIDEWALK RAMP GRADES

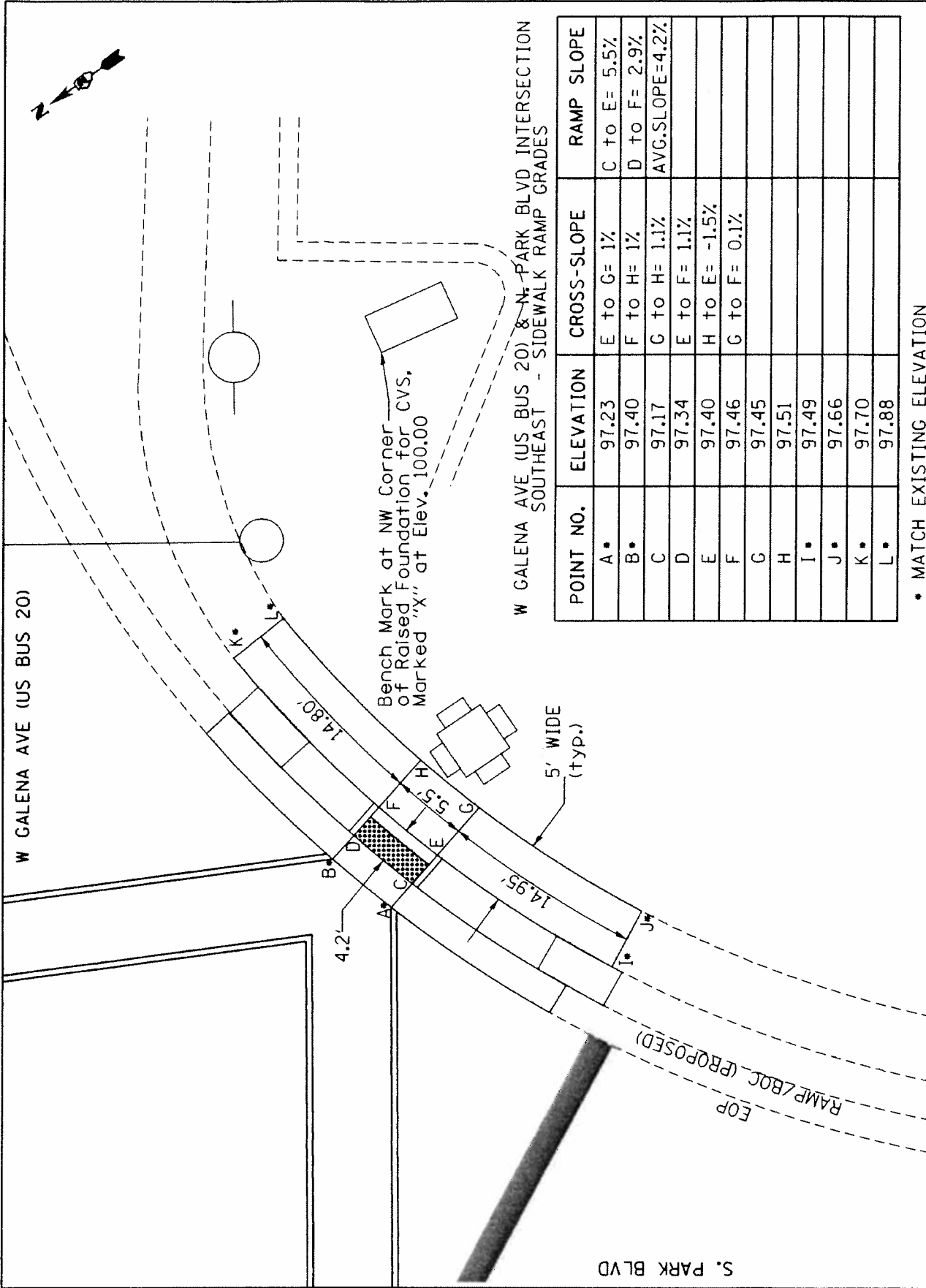
POINT NO.	ELEVATION	CROSS-SLOPE	RAMP SLOPE
A *	97.81	E to G = 1%	C to E = 5.5%
B *	97.76	F to H = 1%	D to F = 5.5%
C	97.75	G to H = -0.7%	AVG. SLOPE = 5.5%
D	97.70	E to F = -0.7%	
E	97.95	H to E = 0%	
F	97.90	G to F = -1.1%	
G	98.00		
H	97.95		
I *	98.78		
J *	98.77		
K *	98.02		
L *	98.10		

* MATCH EXISTING ELEVATION

Bench Mark at NW Corner
of Raised Foundation for CVS,
Marked 'X' at Elev. 100.00

FILE NAME = D:\Projects\Stephenson\64H89 US Bus 20 from US 28 to Park Blvd (Model\Chris Files\Signals\64H89\2014.dgn		COUNTY		TOTAL SHEETS	SHEET NO.
USER NAME = Fesslerm		STEPHENSON		66	46
PLOT DATE = Tue Apr 08 14:31:09 2014		SECTION		CONTRACT NO. 64H89	
		20RS-2		ILLINOIS FED. AID PROJECT	
		F.A.P. RTE. 5			
		SW QUADRANT ADA RAMPS			

S. PARK BLVD



W GALETA AVE (US BUS 20) & N PARK BLVD INTERSECTION
SOUTHEAST - SIDEWALK RAMP GRADES

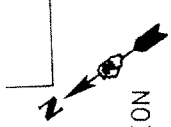
Bench Mark at NW Corner
of Raised Foundation for CVS,
Marked "X" at Elev. 100.00

POINT NO.	ELEVATION	CROSS-SLOPE	RAMP SLOPE
A*	97.23	E to G= 1%	C to E= 5.5%
B*	97.40	F to H= 1%	D to F= 2.9%
C	97.17	G to H= 1.1%	AVG.SLOPE=4.2%
D	97.34	E to F= 1.1%	
E	97.40	H to E= -1.5%	
F	97.46	G to F= 0.1%	
G	97.45		
H	97.51		
I*	97.49		
J*	97.66		
K*	97.70		
L*	97.88		

* MATCH EXISTING ELEVATION

FILE NAME = G:\Projects\Sophenson\64889 US Bus 20 from US 20 to Park Blvd (Audi)\Chris Files\Tigrice\end02stds.dgn
 USER NAME = Fesslerm
 PLOT DATE = Tue Apr 08 14:16:30 2014

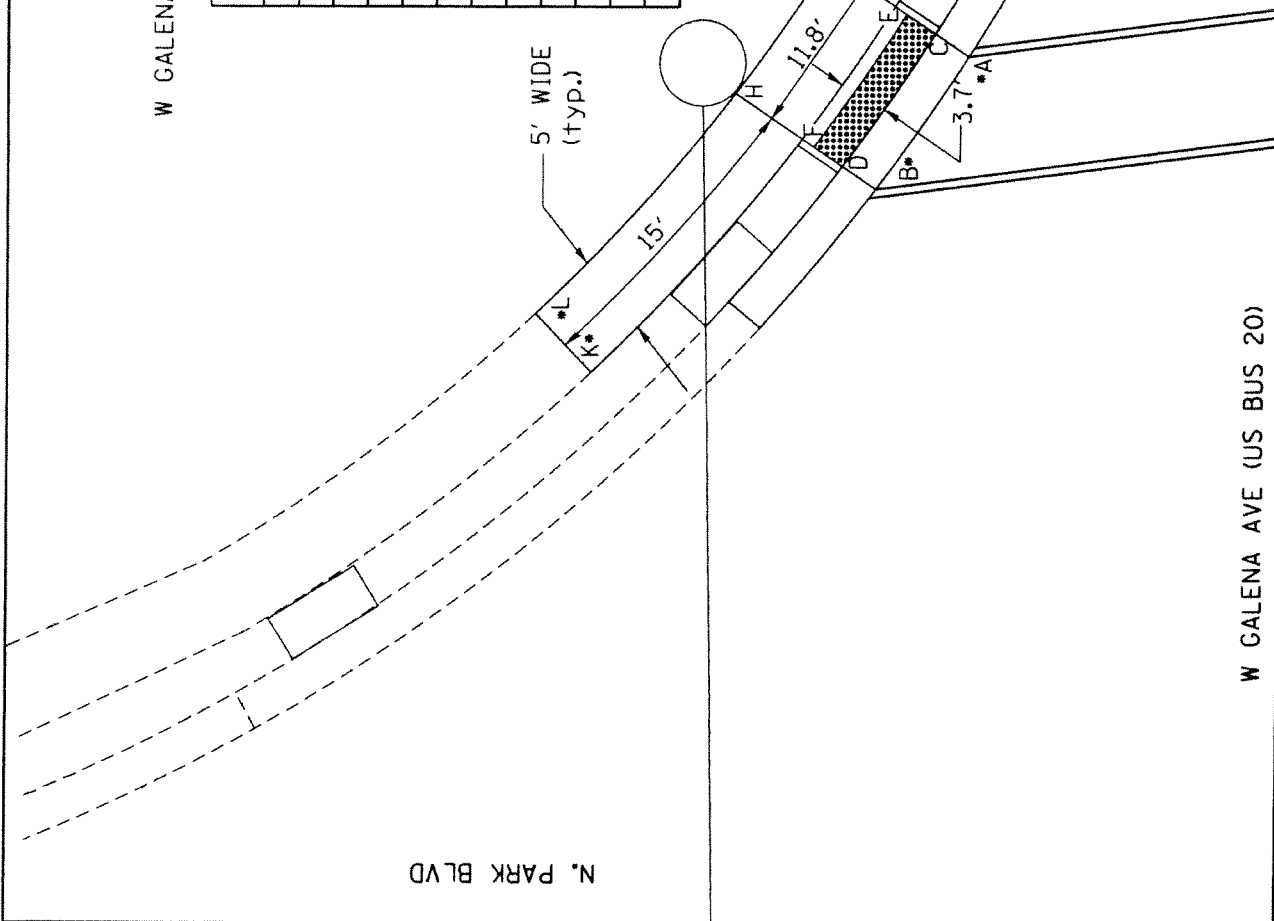
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		SE QUADRANT ADA RAMPS		COUNTY STEPHENSON		TOTAL SHEET SHEETS 66	
RAMP (B.O.C. (PROPOSED))		SECTION 20RS-2		F.A.P. RIE. 5		CONTRACT NO. 64889	
W GALETA AVE (US BUS 20)				ILLINOIS FED. AID PROJECT			



W GALENA AVE (US BUS 20) & N. PARK BLVD INTERSECTION
NORTHEAST - SIDEWALK RAMP GRADES

POINT NO.	ELEVATION	CROSS-SLOPE	RAMP SLOPE
A*	97.26	E to G= 1%	C to E= 5.5%
B*	97.07	F to H= 1%	D to F= 5.5%
C	97.20	G to H= -1.6%	AVG.SLOPE=5.5%
D	97.01	E to F= -1.6%	
E	97.40	H to E= 1.1%	
F	97.21	G to F= -1.9%	
G	97.45		
H	97.46		
I*	98.19		
J*	98.32		
K*	97.34		
L*	97.89		

* MATCH EXISTING ELEVATION



W GALENA AVE (US BUS 20)

FILE NAME :
G:\Projects\Stephenson\64H89 US Bus 20 from US 20 to Park Blvd (Aude)\Chris Files\Tgpcolsens02stds.dgn
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
USER NAME : Fosslermj
PLOT DATE : Tue Apr 88 14:27:57 2014

NE QUADRANT
ADA RAMPS

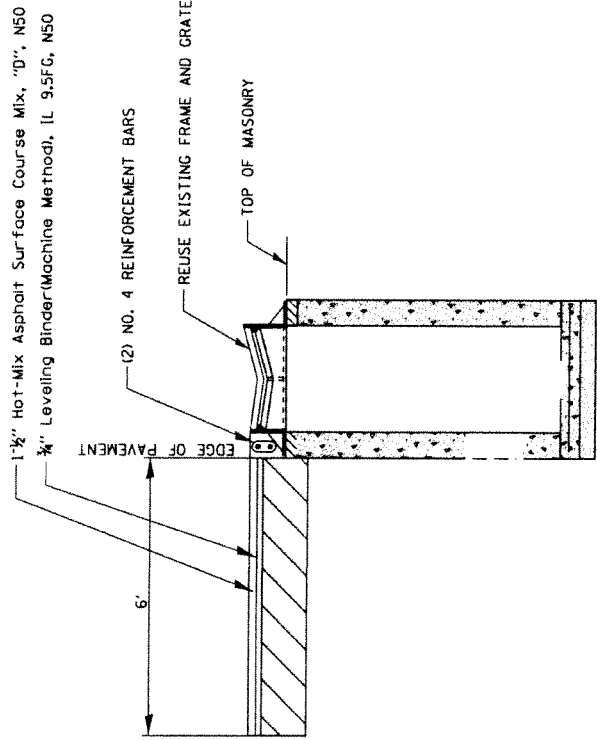
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5	20RS-2	STEPHENSON	66	48

CONTRACT NO. 64H89

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

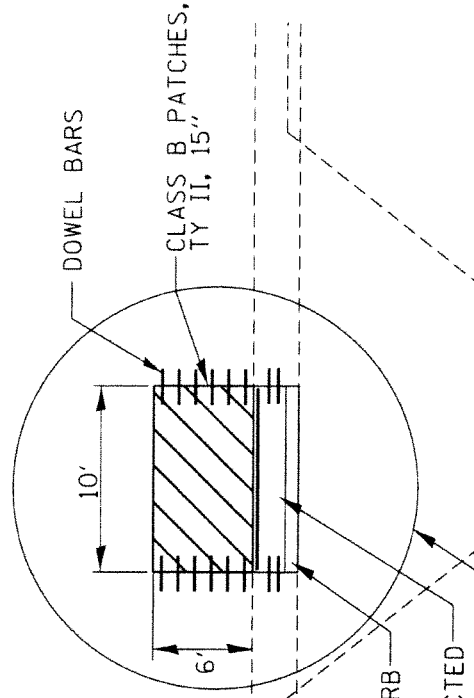
Bench Mark at NW Corner
of Raised Foundation for CVS,
Marked 'X' at Elev. 100.00

CLASS B PATCH DETAIL STA 194+40 RT

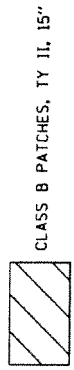


Ø US BUS 20

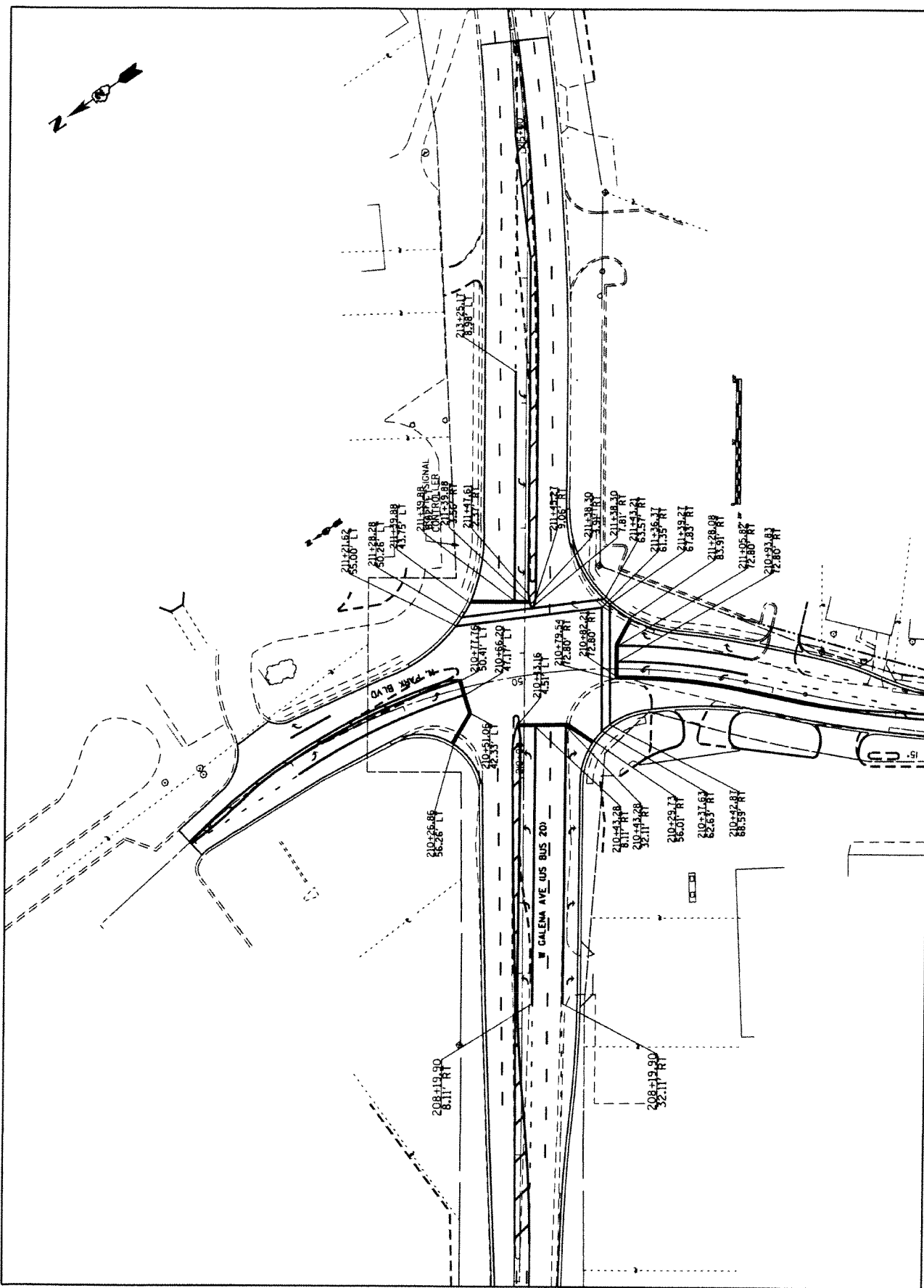
STA 194+40 RT



DETAIL A



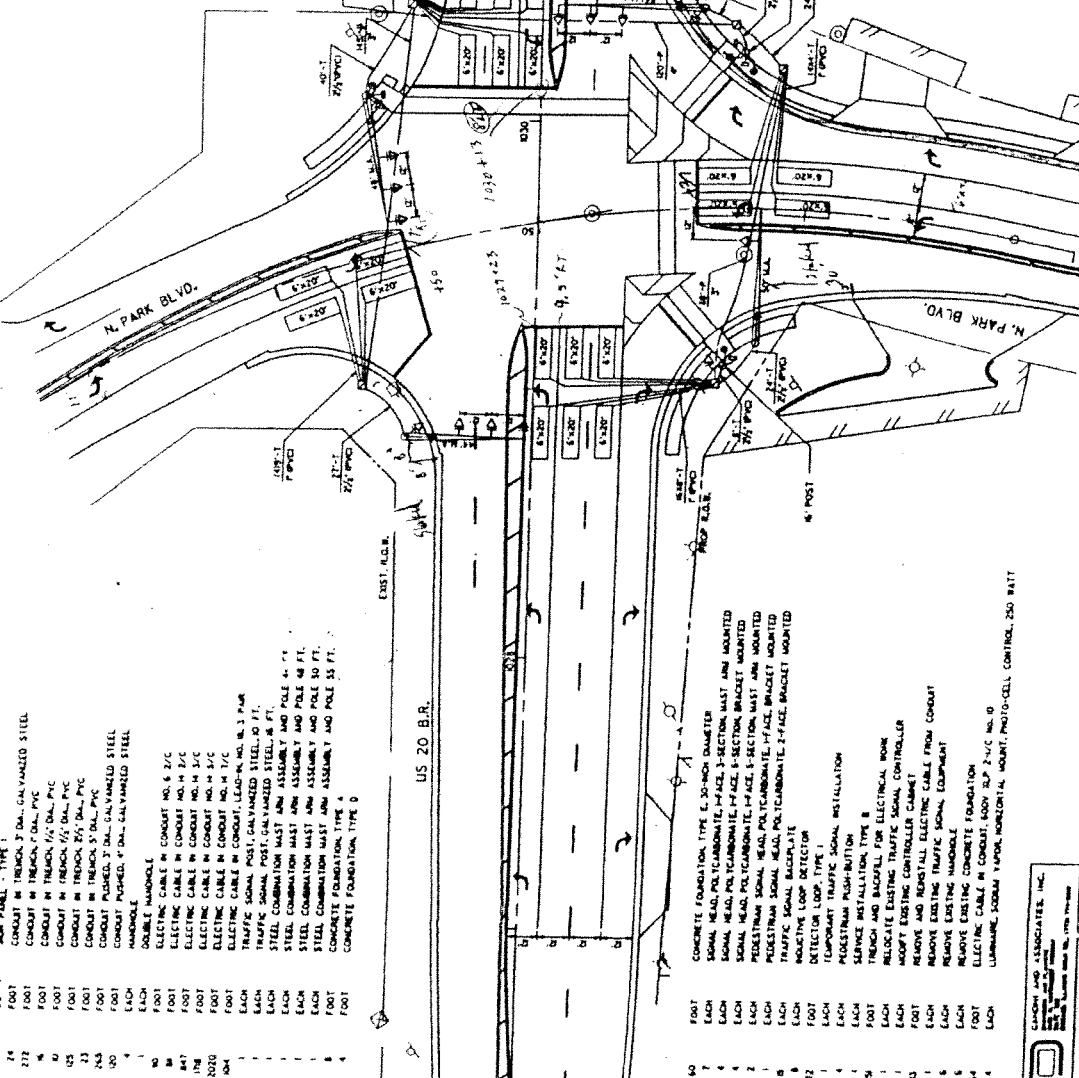
FILE NAME = D:\Projects\Stephenson\64H89 US Bus 20 from US 20 to Park Blvd (Aude)\Chris files\Typical\sd2stds.dgn		CLASS B PATCH DETAIL STA 194+40 RT		F.A.P. RIE. 5	SECTION 20RS-2	COUNTY STEPHENSON	TOTAL SHEETS 66	SHEET NO. 49
USER NAME = Fesslermj		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		FED. ROAD DIST. NO. - ILLINOIS		CONTRACT NO. 64H89		
PLOT DATE = Tue Apr 08 11:32:50 2014								



FILE NAME : O:\Projects\Stephenson\64H89 US Bus 20 From US 20 to Park Blvd (Model)\Chris Files\Typical\sm02s.ctb.dgn		REVISED STOPBAR AND CROSSWALK PAVEMENT MARKINGS AT N. PARK BLVD		F.A.P. RTE. 5	SECTION 20RS-2	COUNTY STEPHENSON	TOTAL SHEETS 66	SHEET NO. 50
USER NAME : Fesslerm,j PLOT DATE : Tue Apr 08 11:32:07 2014		DEPARTMENT OF TRANSPORTATION STATE OF ILLINOIS		FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT		CONTRACT NO. 64H89		

NO.	DATE	REVISION
1	12/1/72	ISSUED FOR PERMITS
2	12/1/72	ISSUED FOR PERMITS
3	12/1/72	ISSUED FOR PERMITS
4	12/1/72	ISSUED FOR PERMITS
5	12/1/72	ISSUED FOR PERMITS
6	12/1/72	ISSUED FOR PERMITS
7	12/1/72	ISSUED FOR PERMITS
8	12/1/72	ISSUED FOR PERMITS
9	12/1/72	ISSUED FOR PERMITS
10	12/1/72	ISSUED FOR PERMITS

- NOTES:**
- THE EXACT LOCATION OF THE MAST AND ASSEMBLIES AND THE DETECTOR LOOPS SHALL BE DETERMINED IN THE FIELD BY THE WORKER.
 - THE EXISTING 6" DIA INTERCONNECT CABLE SHALL BE PULLED AND STORED INTO HANDHOLE TO THE EAST AND REINSTALLED INTO THE EXISTING AND PROPOSED CONDUIT AND CONNECTED INTO THE CONTROLLER AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK SHALL BE PAID FOR UNDER THE PAY ITEM REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT.
 - THE EXISTING CONTROLLER AND CABINET SHALL BE RELOCATED ON A NEW TYPE 'D' FOUNDATION AS SHOWN.
 - MOUNTING HEIGHT OF THE LUMINAIRE SHALL BE 35 FEET.
 - EACH DETECTOR LOOP LEAD IN SHALL HAVE AN INDIVIDUAL CONDUIT STUB. THERE SHALL BE A ONE FOOT SPACE BETWEEN THE STUBS AT THE CURB LINE.



SCHEDULE OF MAST AND ASSEMBLIES

STATION	DISTANCE	LENGTH
1028+02	47' 1" LT	44'
1028+02	64' 1" LT	48'
1028+31	61' 3" RT	55'
1028+18	63' 1" RT	50'
1028+08	71' 1" RT	16' POST
1028+21	76' 1" RT	10' POST

- TRAFFIC SIGNAL LEGEND**
- EXISTING CONTROLLER CABINET
 - NEW MAST AND ASSEMBLY AND POLE
 - NEW SIGNAL HEAD WITH BACKPLATE
 - NEW DOUBLE HANDHOLE
 - NEW HANDHOLE
 - NEW PEDESTRIAN SIGNAL HEAD
 - NEW PEDESTRIAN PUSH-BUTTON DETECTOR
 - NEW GALVANIZED STEEL CONDUIT
 - *1" INDICATES LENGTH IN TRENCH
 - *2" INDICATES LENGTH IN TRENCH
 - LOWER NUMERAL INDICATES SIZE
 - NEW PVC CONDUIT IN TRENCH
 - UPPER NUMERAL INDICATES LENGTH
 - LOWER NUMERAL INDICATES SIZE
 - EXISTING CONDUIT
 - PROPOSED DETECTOR LOOP CONDUIT SPACE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SIGNAL INSTALLATION
 US 20 B.R. AT
 N. PARK BLVD.
 SCALE: P-20
 DATE: 12/01/72
 SHEET NO. 51
 SHEETS 66

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	DESCRIPTION
53	FT	CONCRETE FOUNDATION, TYPE 1
74	FOOT	CONCRETE FOUNDATION, TYPE 2
272	FOOT	CONCRETE FOUNDATION, TYPE 3
4	FOOT	CONCRETE FOUNDATION, TYPE 4
23	FOOT	CONCRETE FOUNDATION, TYPE 5
23	FOOT	CONCRETE FOUNDATION, TYPE 6
243	FOOT	CONCRETE FOUNDATION, TYPE 7
40	FOOT	CONCRETE FOUNDATION, TYPE 8
4	FOOT	CONCRETE FOUNDATION, TYPE 9
10	FOOT	CONCRETE FOUNDATION, TYPE 10
8	FOOT	CONCRETE FOUNDATION, TYPE 11
847	FOOT	CONCRETE FOUNDATION, TYPE 12
178	FOOT	CONCRETE FOUNDATION, TYPE 13
2020	FOOT	CONCRETE FOUNDATION, TYPE 14
204	FOOT	CONCRETE FOUNDATION, TYPE 15
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 10' H. 3" DIA.
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 10' H. 3" DIA.
1	EACH	STEEL COMBINATION MAST AND ASSEMBLY AND POLE 48 FT.
1	EACH	STEEL COMBINATION MAST AND ASSEMBLY AND POLE 48 FT.
1	EACH	STEEL COMBINATION MAST AND ASSEMBLY AND POLE 55 FT.
1	EACH	STEEL COMBINATION MAST AND ASSEMBLY AND POLE 55 FT.
1	FOOT	CONCRETE FOUNDATION, TYPE 1
1	FOOT	CONCRETE FOUNDATION, TYPE 2

- CONCRETE FOUNDATION, TYPE 1, 30-INCH DIAMETER
- SIGNAL HEAD, POLYCARBONATE FACE, 3-SECTION MAST AND MOUNTED
- SIGNAL HEAD, POLYCARBONATE FACE, 3-SECTION BRACKET MOUNTED
- PEDESTRIAN SIGNAL HEAD, POLYCARBONATE FACE, 3-SECTION MAST AND MOUNTED
- PEDESTRIAN SIGNAL HEAD, POLYCARBONATE FACE, 3-SECTION BRACKET MOUNTED
- TRAFFIC SIGNAL BACKPLATE
- INDUCTIVE LOOP DETECTOR
- CONDUIT LOOP, TYPE 1
- CONDUIT LOOP, TYPE 2
- PEDESTRIAN TRAFFIC SIGNAL INSTALLATION
- TRAFFIC SIGNAL INSTALLATION, TYPE B
- TRENCH AND BACKFILL FOR ELECTRICAL WORK
- RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER
- REMOVE EXISTING TRAFFIC SIGNAL CABINET
- REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT
- REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
- REMOVE EXISTING HANDHOLE
- REMOVE EXISTING CONCRETE FOUNDATION
- ELECTRIC CABLE IN CONDUIT, 400V RLP 2-1/2" DIA. 10'
- LUMINAIRE SIGNAL TOWER, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 250 WATT

Total Sheets 66
Sheet No. 51
FOR REFERENCE ONLY



CANNON AND ASSOCIATES, INC.
 1000 N. W. 10th Avenue
 Fort Lauderdale, Florida 33304

CATCH BASIN OR INLETS TO BE ADJUSTED OR RECONSTRUCTED

(DETAILS FOR CURB & GUTTER REPLACEMENT)

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

CLASS SI CONCRETE SHALL BE USED THROUGHOUT. A HOLE 1-1/2 IN DIAMETER AND 9 DEEP SHALL BE DRILLED IN THE EXISTING CONCRETE CURB AS SHOWN. A 1-1/4 X 18 SMOOTH DOWEL BAR SHALL BE GROUTED IN THE HOLE LONGITUDINALLY.

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

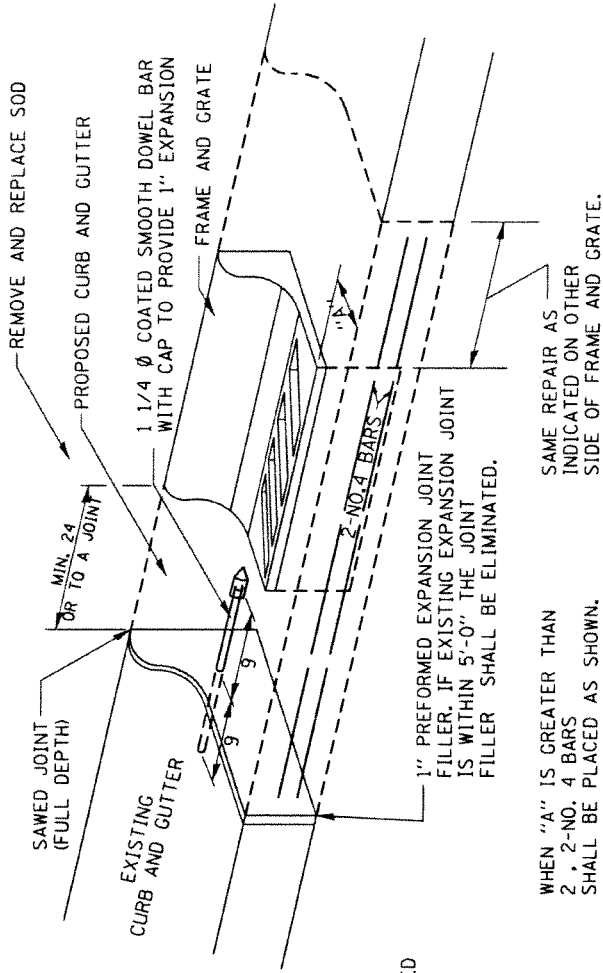
THE PROPOSED CONFIGURATION OF THE CURB AND CUTTER SHALL MATCH THAT REMOVED.

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

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

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

REVISED - 9-30-11



1" PREFORMED EXPANSION JOINT FILLER, IF EXISTING EXPANSION JOINT IS WITHIN 5'-0" THE JOINT FILLER SHALL BE ELIMINATED.

WHEN "A" IS GREATER THAN 2'-2-NO. 4 BARS SHALL BE PLACED AS SHOWN.

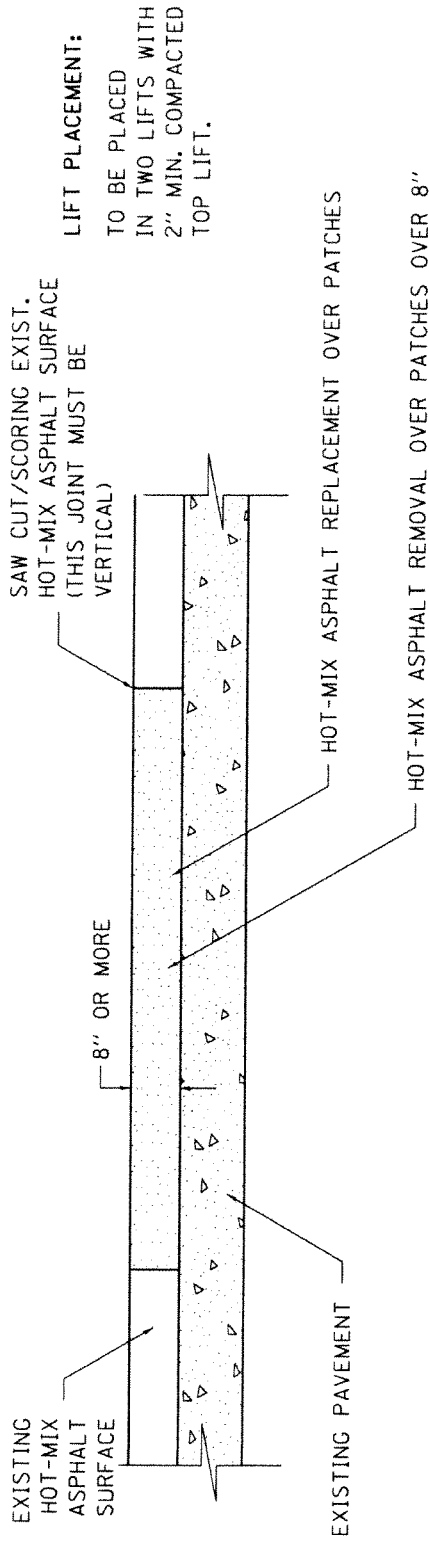
SAME REPAIR AS INDICATED ON OTHER SIDE OF FRAME AND GRATE.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

CATCH BASIN OR INLETS TO BE ADJUSTED OR RECONSTRUCTED 17.4

FILE NAME = D:\Projects\Stephenson\64H89 US Bus 20 From US 20 to Park Blvd (Adebi)\Chris Files\Typical\en02sds.dgn		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		5	20RS-2	STEPHENSON	66	52
PLOT DATE = Tue Apr 08 11:28:36 2014		FED. ROAD DIST. NO. = ILLINOIS FED. AID PROJECT		CONTRACT NO. 64H89		

PAVEMENT PATCHING DETAIL



LIFT PLACEMENT:
TO BE PLACED
IN TWO LIFTS WITH
2" MIN. COMPACTED
TOP LIFT.

SEQUENCE OF CONSTRUCTION:

1. REMOVE THE EXISTING HOT-MIX ASPHALT SURFACE.
2. REPLACE HOT-MIX ASPHALT SURFACE.

GENERAL NOTES:

1. FOR BASIS OF PAYMENT: SEE THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-3-11

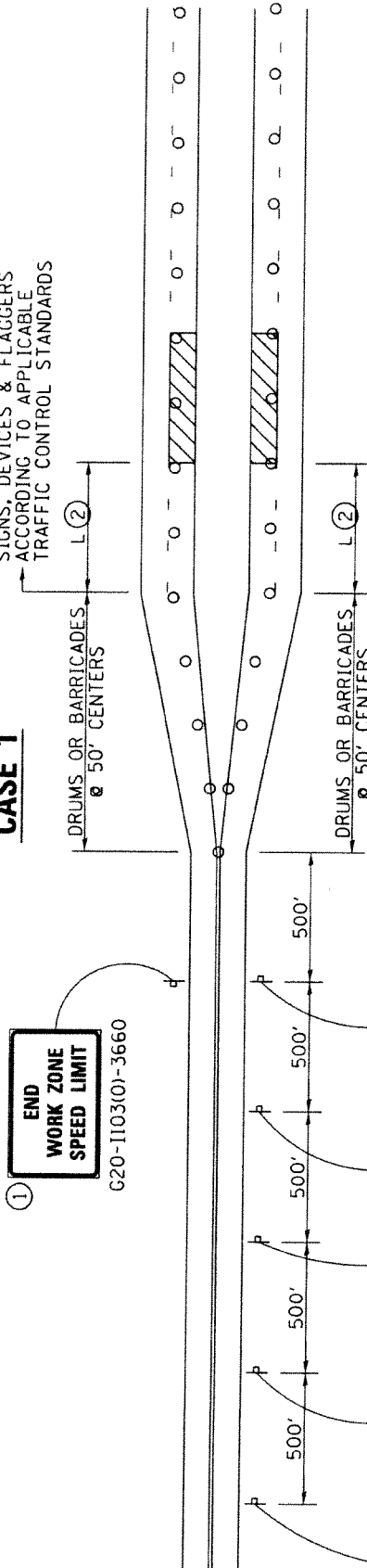
PAVEMENT PATCHING DETAIL 33.4

FILE NAME :	D:\Projects\Stephenson\64H89 US Bus 20 from US 20 to Park Blvd	F.A.P. RTE.	5	SECTION	20RS-2	COUNTY	STEPHENSON	TOTAL SHEETS	66	SHEET NO.	53
USER NAME :	Fosslermj	STATE OF ILLINOIS		DEPARTMENT OF TRANSPORTATION		ILLINOIS FED. AID PROJECT		CONTRACT NO.		64H89	
PLOT DATE :	Tue Apr 08 11:28:44 2014										

TRAFFIC CONTROL FOR TRANSITION AREAS

CASE 1

SIGNS, DEVICES & FLAGGERS
ACCORDING TO APPLICABLE
TRAFFIC CONTROL STANDARDS



SIGNS, DEVICES & FLAGGERS
ACCORDING TO APPLICABLE
TRAFFIC CONTROL STANDARDS

GENERAL NOTES

THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD.

1. If applicable, use speed limit as shown on applicable multilane traffic control and protection standard.
2. If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.
3. WORK ZONE SPEED LIMIT 55 BEGINS shall be replaced with WORK ZONE SPEED LIMIT 45 BEGINS where the workers are within 500 feet of the transition.

* DEPENDS ON GEOMETRICS OF THE TRANSITION, MAY SWITCH THE "STAY IN YOUR LANE" AND "WEAVE SIGNS"

NOTE: STANDARDS 701301 AND 701306 SHALL NOT BE USED WITHIN 500 FEET OF THE TRANSITION.

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

8-27-13

FILE NAME :

G:\Projects\Stephenson\64H89 US Bus 20 From US 20 to Park Blvd (Aude)\Chris files\Typical\band02s.tbl.dgn

USER NAME : Fossilermj

PLOT DATE : Tue Apr 08 11:28:54 2014

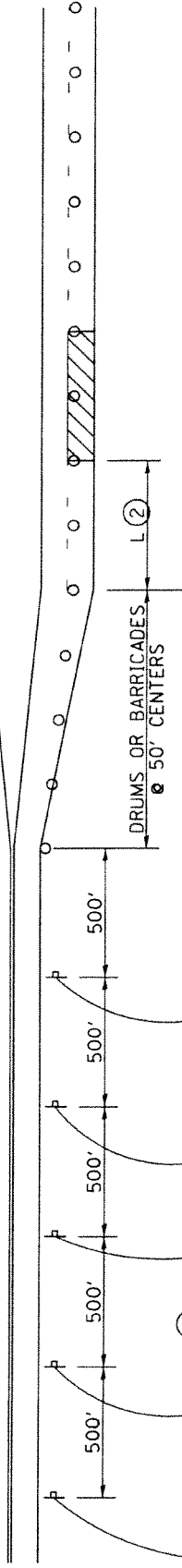
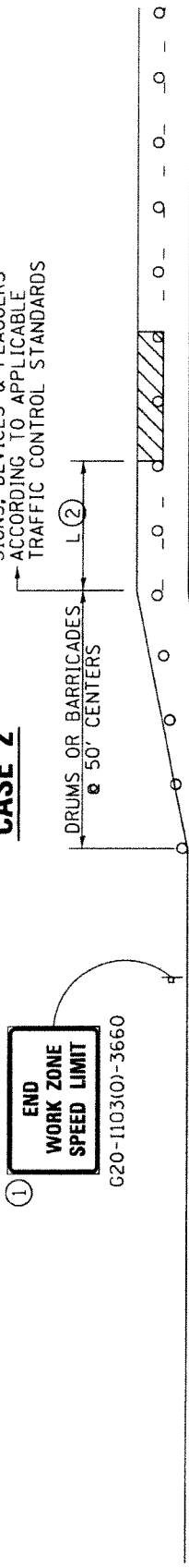
TRAFFIC CONTROL FOR TRANSITION AREAS SHEET 1 OF 4 38.1

F.A.P. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5	20RS-2	STEPHENSON	66	54
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 64H89	

TRAFFIC CONTROL FOR TRANSITION AREAS

CASE 2

SIGNS, DEVICES & FLAGGERS
ACCORDING TO APPLICABLE
TRAFFIC CONTROL STANDARDS



SIGNS, DEVICES & FLAGGERS
ACCORDING TO APPLICABLE
TRAFFIC CONTROL STANDARDS

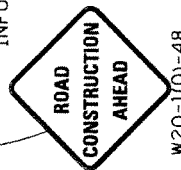
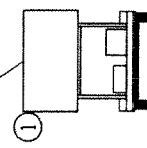
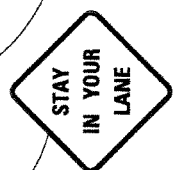
WORK ZONE SPEED LIMIT 55 BEGINS XXXX FINE MINIMUM

W2-15(0)-3618

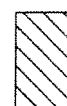
R2-1-3648

W2-13(0)-3612

R2-1106-3618



○ DRUMS OR BARRICADES



NOTE: STANDARDS 701301 AND 701306 SHALL NOT BE USED WITHIN 500 FEET OF THE TRANSITION.

GENERAL NOTES

THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD.

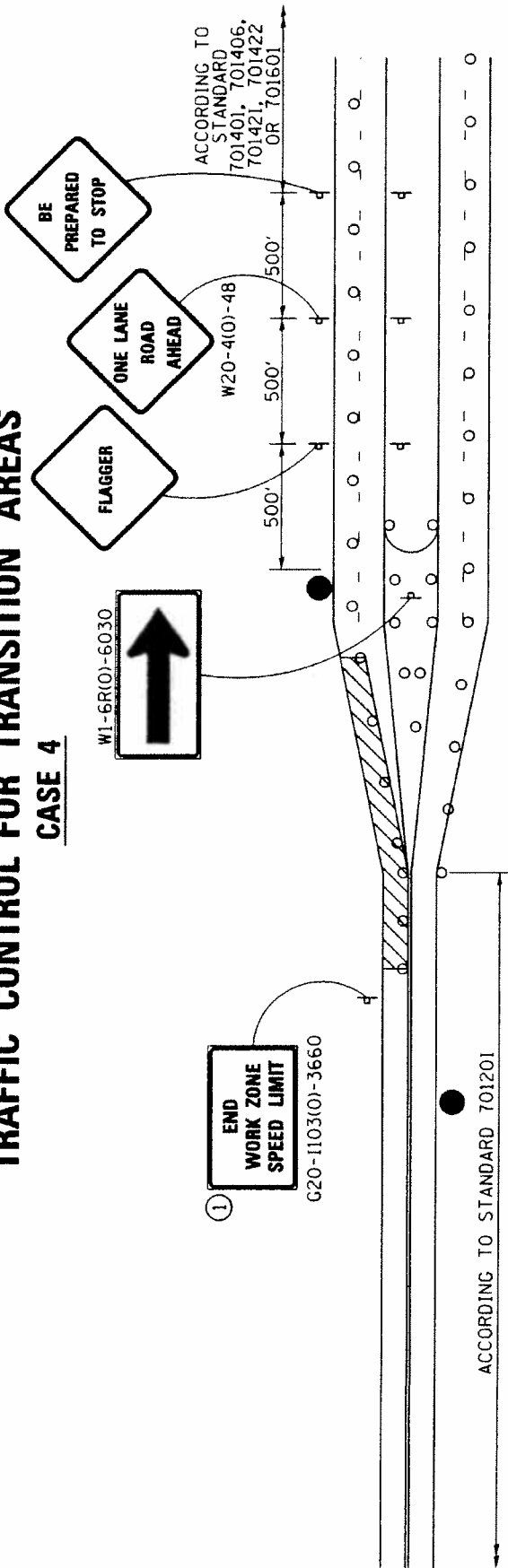
1. If applicable, use speed limit as shown on applicable multilane Traffic Control and Protection Standard.
2. If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.
3. WORK ZONE SPEED LIMIT 55 BEGINS shall be replaced with WORK ZONE SPEED LIMIT 45 BEGINS where the workers are within 500 feet of the transition.

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

TRAFFIC CONTROL FOR TRANSITION AREAS SHEET 2 OF 4 38.1

8-27-13	FILE NAME = D:\Projects\Stephenson\64H89 US Bus 20 from US 20 to Park Blvd	F.A.P R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	USER NAME = Fossler:mj	5	ZORS-2	STEPHENSON	66	55
PLOT DATE = Tue Apr 08 11:29:02 2014		DEPARTMENT OF TRANSPORTATION		CONTRACT NO. 64H89		
		STATE OF ILLINOIS		ILLINOIS FED. AID PROJECT		

TRAFFIC CONTROL FOR TRANSITION AREAS CASE 4



GENERAL NOTES

THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD.

1. If applicable, use speed limit as shown on applicable multiline Traffic Control and Protection Standard.
2. If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.
3. WORK ZONE SPEED LIMIT 55 BEGINS shall be replaced with WORK ZONE SPEED LIMIT 45 BEGINS where the workers are within 500 feet of the transition.

NOTE: STANDARDS 701301 AND 701306 SHALL NOT BE USED WITHIN 500 FEET OF THE TRANSITION.

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

● FLAGGER WITH TRAFFIC CONTROL SIGN

○ DRUMS OR BARRICADES

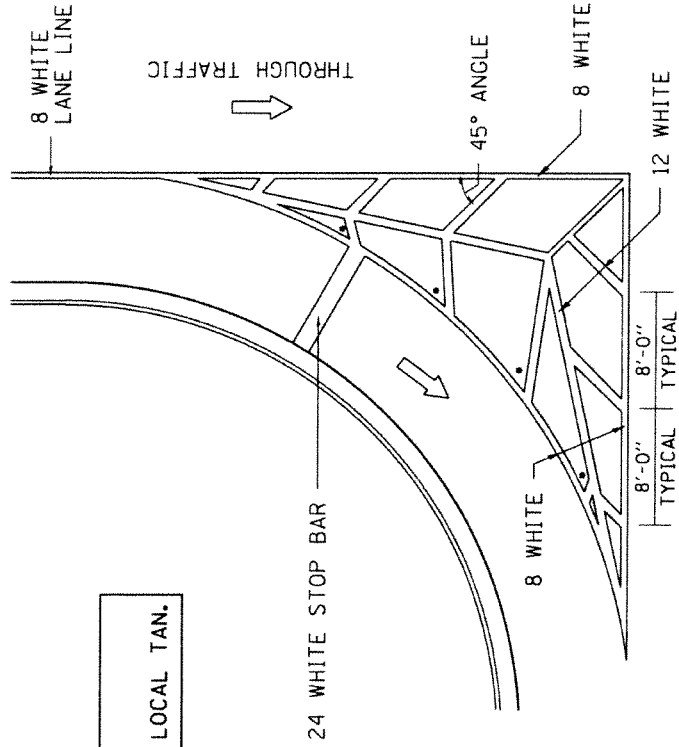
▨ WORK AREA

TRAFFIC CONTROL FOR TRANSITION AREAS SHEET 4 OF 4 38.1

E.A.P. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5		20RS-2	STEPHENSON	66	57
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT	
CONTRACT NO. 64H89					

FILE NAME : D:\Projects\Stephenson\64H89 US Bus 20 From US 20 to Park Blvd (Auto)\Chr-1 files\Typical\std2stds.dgn
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
USER NAME : Fossilormj
PLOT DATE : Tue Apr 08 11:29:22 2014

TYPICAL MARKING FOR PAINTED ISLANDS



NOTE:
* 45° TO LOCAL TAN.

ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE NOTED.

THROUGH TRAFFIC

TYPICAL MARKING FOR PAINTED ISLANDS 93.4

REVISED - 10-5-11

FILE NAME : C:\Projects\Stephenson\64H89 US Bus 20 From US 20 to Park Blvd
 USER NAME : Fesslerm
 PLOT DATE : Tue Apr 08 11:29:39 2014

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS	SHEET NO.
5	20RS-2	STEPHENSON	66	58
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64H89	

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

FILE NAME =
 G:\Projects\Stephenson\64H89 US Bus 20 From US 20 to Park Blvd (Audio)\Chris Files\Typical\and02sds.dgn
 USER NAME = Fesslerm.j
 PLOT DATE = Tue Apr 08 11:29:47 2014

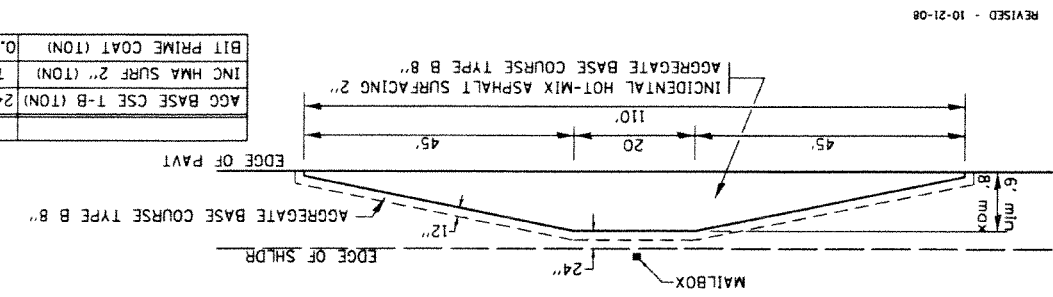
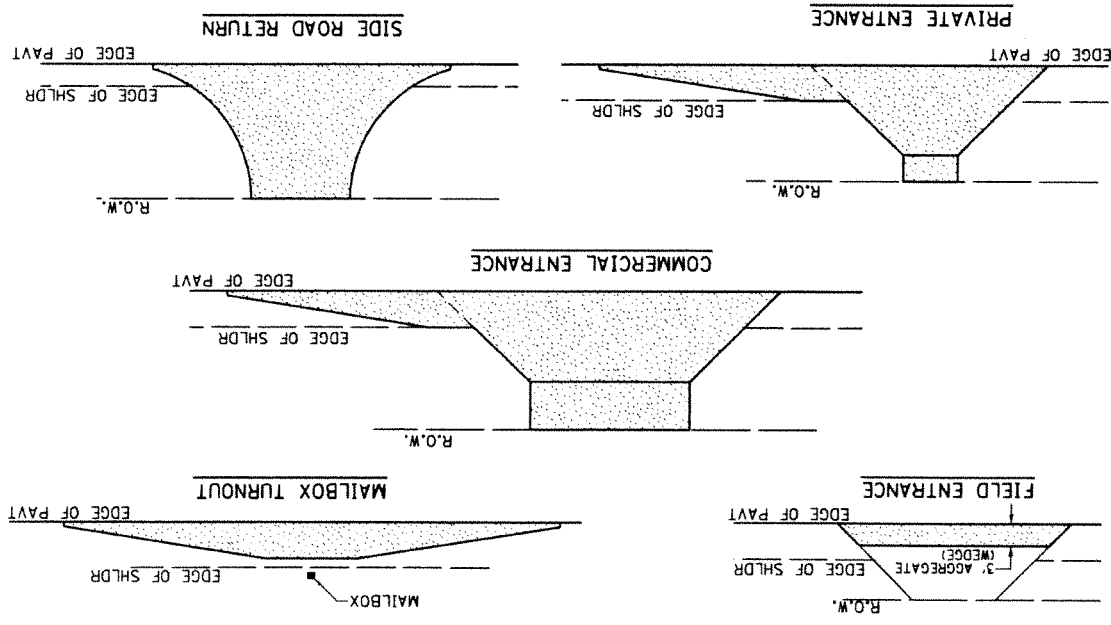
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING HMA PE'S, CE'S, SR'S, & MB TURNOUTS
 on entrance to conform to the existing configuration.
 Plate 2 1/4 " Incidental Hot-Mix Asphalt Surfacing #40800050

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

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

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



AGG BASE CSE T-B (TON)	24.5	31.1
INC HMA SURF 2" (TON)	7.3	9.8
BIT PRIME COAT (TON)	0.06	0.08

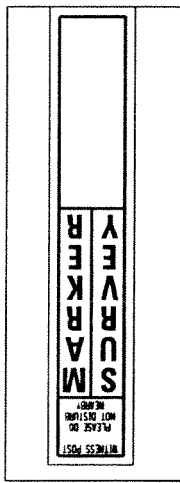
REVISED - 10-21-08

F.A.P. RTE.	5	SECTION	20RS-2	COUNTY	STEPHENSON	TOTAL SHEETS	66
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT					SHEET NO.	59
						CONTRACT NO.	64H89

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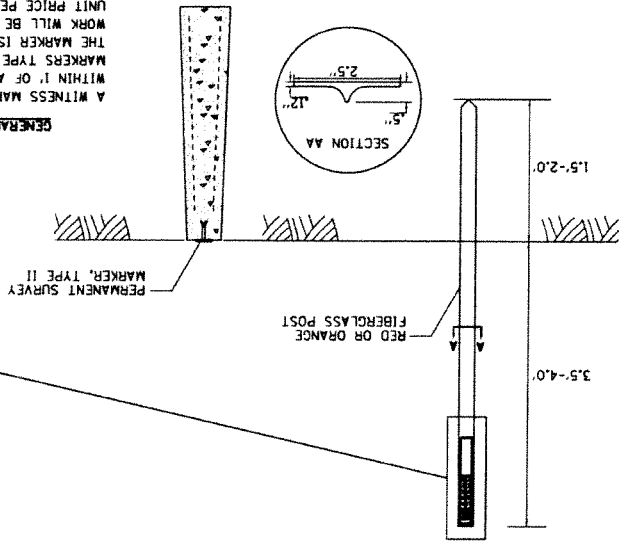
FILE NAME = D:\Projects\Stephenson\64H89 US Bus 20 From US 20 to Park Blvd		F:\Audi\Chris files\Typical\send\2\tcb.dgn		F.A.P RTE. 5		SECTION 20RS-2		COUNTY STEPHENSON		TOTAL SHEETS 66		SHEET NO. 60	
USER NAME = Fosslermj		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		FED. ROAD DIST. NO. -		ILLINOIS		FED. AID PROJECT		CONTRACT NO. 64H89			
PLOT DATE = Tue Apr 08 13:58:10 2014													

WITNESS MARKER FOR PERMANENT SURVEY MARKERS, TYPE II

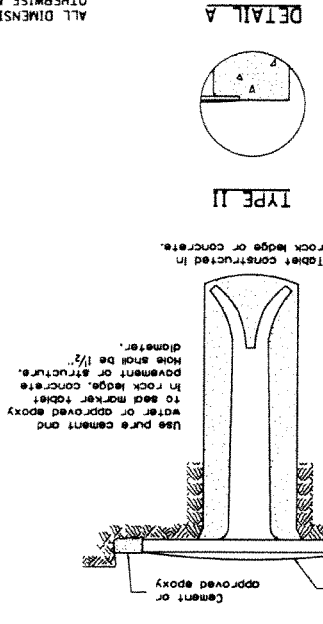
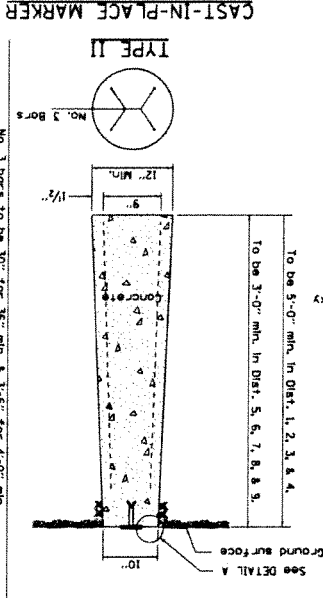


GENERAL NOTES

A WITNESS MARKER SHALL BE INSTALLED WITHIN 1' OF ALL PERMANENT SURVEY MARKERS TYPE II EXCEPT IN AREAS WHERE THE MARKER IS IN THE SIDEWALK. THIS WORK WILL BE INCLUDED TO THE CONTRACT UNIT PRICE PER EACH FOR PERMANENT SURVEY MARKERS, TYPE II.



PERMANENT SURVEY MARKERS, TYPE II



WITNESS MARKER & PERMANENT SURVEY MARKERS, TYPE II 66.2

REVISED - 10-14-11

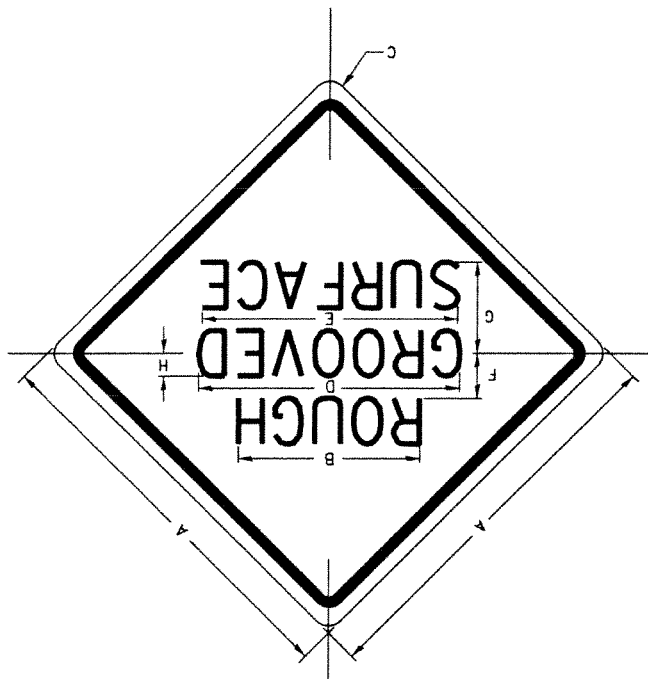
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

FILE NAME :	D:\Projects\Stephenson\64H89 US Bus 20 From US 20 to Park Blvd (Aude)\Chris\Typical\and\2s\tds.dgn	F.A.P. RITE.	5	SECTION	20RS-2	COUNTY	STEPHENSON	TOTAL SHEETS	66	SHEET NO.	61
USER NAME :	Fesstlemj	DEPARTMENT OF TRANSPORTATION		STATE OF ILLINOIS		ILLINOIS FED. AID PROJECT		CONTRACT NO.		64H89	
PLOT DATE :	Tue Apr 08 11:30:47 2014										

ROUGH GROOVED SURFACE SIGN

ILLINOIS STANDARD W8-1107

SIGN PANEL TYPE 1



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 INCLUDED TO THE COST OF THE INSTALLATION, UNLESS OTHERWISE NOTED.

SIGN SIZE		DIMENSIONS							
48x48	48.0	A	B	C	D	E	F	G	H
	24.1								
	3.0								
	34.0								
	33.0								
	6.0								
	13.0								
	3.5								

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

SIGN SIZE	SERIES			MARGIN	BORDER	BLANK STD.
	1	2	3			
48x48	7C	7C	7C	0.8	1.2	B4-48D

ALL DIMENSIONS IN INCHES.

REVISED - 10-14-11

ROUGH GROOVED SURFACE SIGN 91.2

FILE NAME : D:\Projects\Stephenson\64H89 US Bus 20 From US 20 to Park Blvd\Aude\Chris Files\Typicals\end2s.tds.dgn	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.P. RTE. 5	SECTION 20RS-2	COUNTY STEPHENSON	TOTAL SHEET SHEETS NO. 66 62
USER NAME : Fosslermj				CONTRACT NO. 64H89	
PLOT DATE : Tue Apr 08 11:30:17 2014				ILLINOIS FED. AID PROJECT	

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

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS, UNLESS OTHERWISE NOTED.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS, UNLESS OTHERWISE NOTED.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

GENERAL NOTES

CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 IN HEIGHT. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS WILL BE MONODIRECTIONAL.

TEMPORARY PAVEMENT MARKING 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 TURN LANE. RIGHT TURN LANE: R3-100 24 X 24 AND M6-2R 21 X 15 SHALL BE USED.

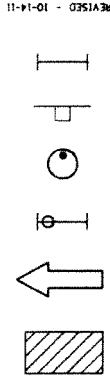
THESE CONTROLS SHALL SUPPLEMENT MAINTAIN TRAFFIC CONTROL FOR LANE CLOSURES. THESE CONTROLS SHALL SUPPLEMENT MAINTAIN TRAFFIC CONTROL FOR LANE CLOSURES.

TYPE I OR II BARRICADE OR DRUM WITH FLASHING BURNING LIGHT

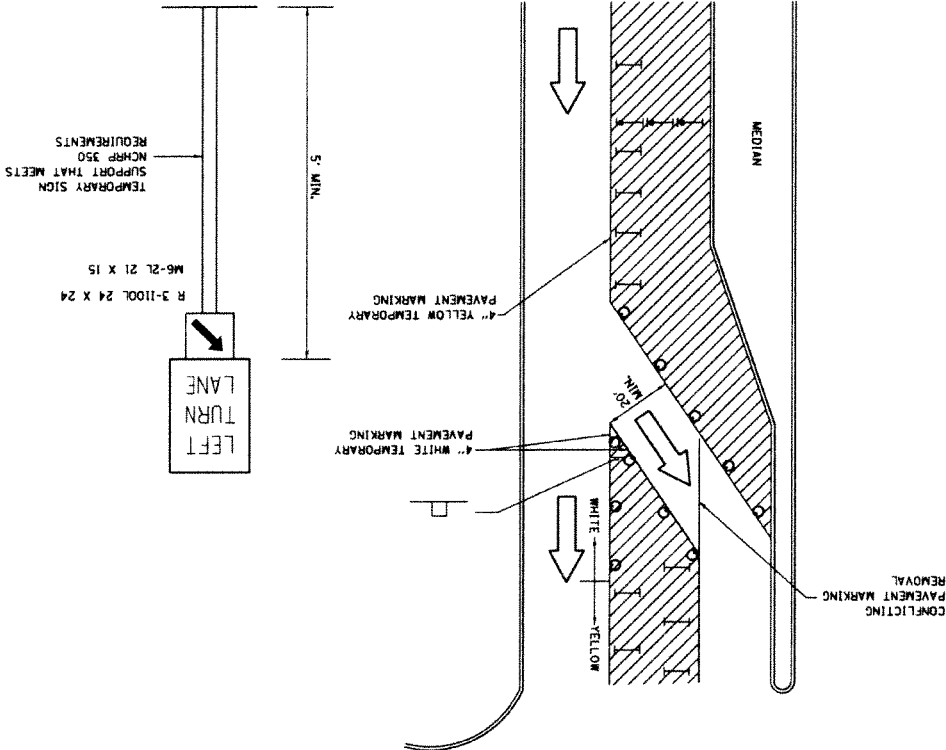
TYPE I OR II BARRICADE WITH STEADY BURN LIGHT

SIGN (SEE DETAIL)

TYPE I OR II CHECK BARRICADE WITH STEADY LIGHT BURN



REVISED - 10-14-11



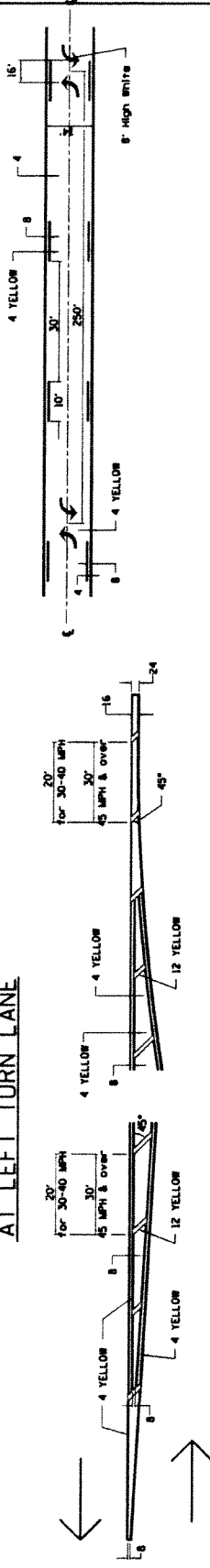
TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)

FILE NAME =	0:\Projects\Stephenson\64H89 US Bus 20 From US 20 to Park Blvd	Model\Chris Files\Typicalsand02s.tds.dgn	STATE OF ILLINOIS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
USER NAME =	Fosslerm.j		DEPARTMENT OF TRANSPORTATION	5	20RS-2	STEPHENSON	66 63
PLOT DATE =	Tue Apr 08 11:38:29 2014					CONTRACT NO. 64H89	
						ILLINOIS FED. AID PROJECT	

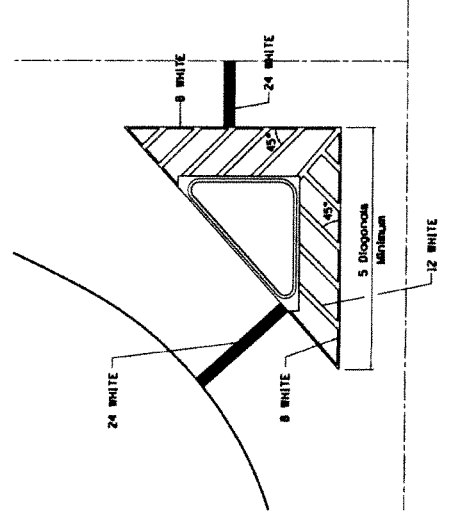
TYPICAL PAVEMENT MARKINGS

MEDIAN PAVEMENT MARKING

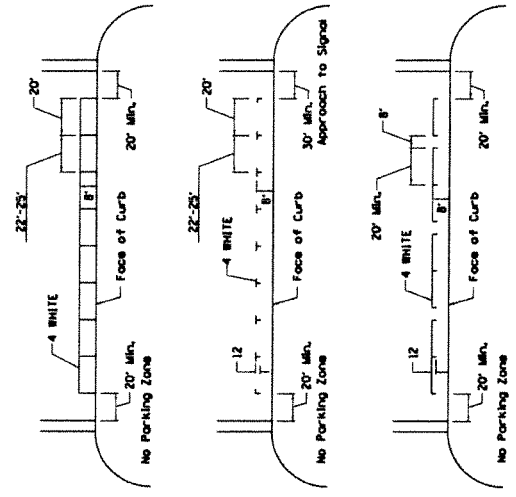
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE



TYPICAL ISLAND OFFSET SHOULDER WIDTH



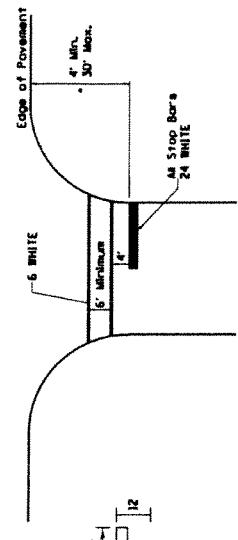
TYPICAL PARKING SPACING



** ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

STANDARD CROSSWALK MARKING

See Schedules for Locations



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

3-5-12

FILE NAME =

O:\Projects\Stephenson\64H89 US Bus 28 From US 28 to Park Blvd

USER NAME = Fosslerm

PLOT DATE = Tue Apr 08 11:30:40 2014

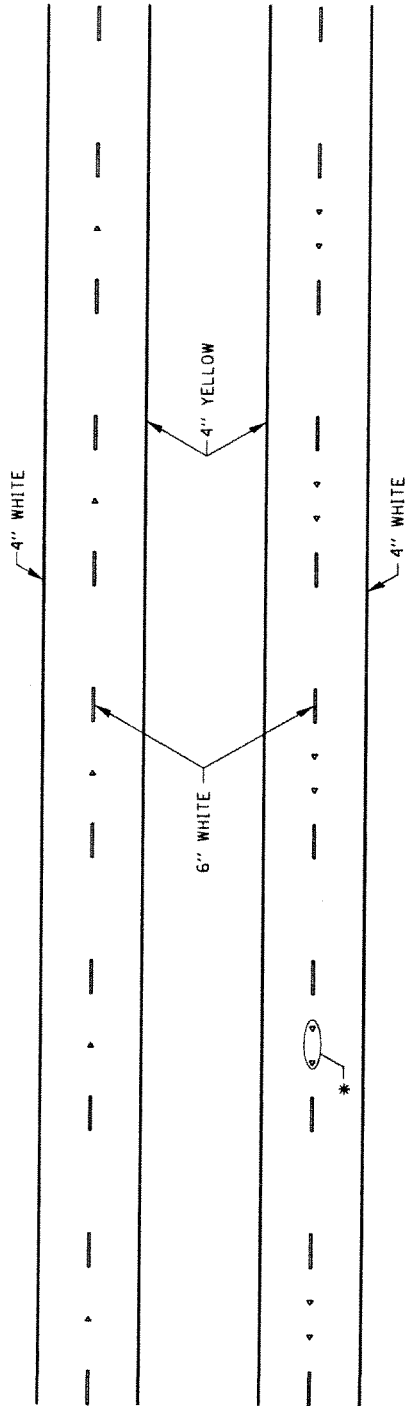
STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

TYPICAL PAVEMENT MARKINGS SHEET 1 OF 3 41.1

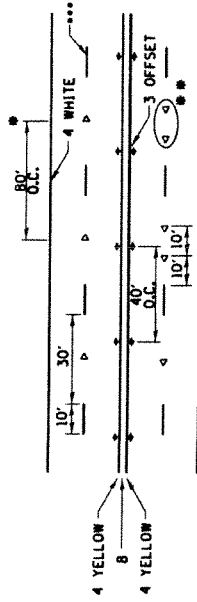
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5	20RS-2	STEPHENSON	66	64
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 64H89	

TYPICAL PAVEMENT MARKINGS

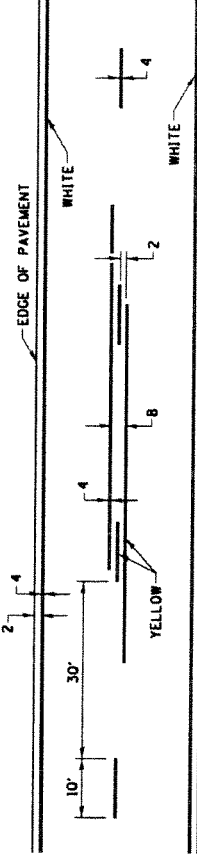


* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS.
USE DOUBLE MARKERS WHEN ADT ≥ 20,000.

MULTI-LANE / DIVIDED



TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION -- NO PASSING ZONES



SYMBOLS

- REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.
- ** USE DOUBLE MARKERS WHEN ADT ≥ 20,000
- *** CENTERLINE SKIP DASH PAVEMENT MARKING SPEED LIMIT LESS THAN 40 MPH USE 4" LINE SPEED LIMIT 40 MPH AND OVER USE 6" LINE

MULTI-LANE / UNDIVIDED & ONE WAY

(FOR MULTI-LANE UNDIVIDED HIGHWAYS USE THIS
DETAIL NOT HIGHWAY STANDARD 781001)

8-27-13

TYPICAL PAVEMENT MARKINGS SHEET 3 OF 3 41.1

FILE NAME = C:\Projects\Stephenson\64H89 US Bus 20 from US 20 to Park Blvd (Audio)\Chris files\Typical\and02\stds.dgn		F.A.P. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		5	20RS-2	STEPHENSON	66	66
PLOT DATE = Tue Apr-08 11:31:05 2014		FED. ROAD DIST. NO. = ILLINOIS FED. AID PROJECT		CONTRACT NO. 64H89		

ILLINOIS DEPARTMENT OF LABOR

PREVAILING WAGES FOR GH9D<9BGCB COUNTY EFFECTIVE MAY 2014

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.

Stephenson County Prevailing Wage for May 2014

(See explanation of column headings at bottom of wages)

Trade Name	RG	TYP	C	Base	FRMAN	M-F>8	OSA	OSH	H/W	Pensn	Vac	Trng
=====	==	===	=	=====	=====	=====	===	===	=====	=====	=====	=====
ASBESTOS ABT-GEN		BLD		30.750	32.000	1.5	1.5	2.0	8.240	12.84	0.000	0.800
ASBESTOS ABT-MEC		BLD		18.950	0.000	1.5	1.5	2.0	2.700	3.350	0.000	0.000
BOILERMAKER		BLD		36.750	39.750	2.0	2.0	2.0	7.070	15.84	0.000	0.350
BRICK MASON		BLD		36.420	39.170	1.5	1.5	2.0	8.650	12.05	0.000	0.630
CARPENTER		BLD		32.040	35.560	1.5	1.5	2.0	9.250	14.87	0.000	0.600
CARPENTER		HWY		34.880	36.630	1.5	1.5	2.0	10.50	14.00	0.000	0.490
CEMENT MASON		ALL		33.000	35.750	1.5	1.5	2.0	8.300	14.52	0.000	0.500
CERAMIC TILE FNSHER		BLD		32.450	0.000	1.5	1.5	2.0	8.300	4.930	0.000	0.550
COMMUNICATION TECH		BLD		36.440	40.080	1.5	1.5	2.0	10.39	12.09	0.000	0.760
ELECTRIC PWR EQMT OP		ALL		36.610	49.750	1.5	1.5	2.0	5.000	11.35	0.000	0.270
ELECTRIC PWR GRNDMAN		ALL		28.310	49.750	1.5	1.5	2.0	5.000	8.780	0.000	0.210
ELECTRIC PWR LINEMAN		ALL		43.830	49.750	1.5	1.5	2.0	5.000	13.58	0.000	0.330
ELECTRIC PWR TRK DRV		ALL		29.310	49.750	1.5	1.5	2.0	5.000	9.090	0.000	0.220
ELECTRICIAN		BLD		41.500	45.650	1.5	1.5	2.0	10.39	17.43	0.000	0.830
ELEVATOR CONSTRUCTOR		BLD		46.050	51.810	2.0	2.0	2.0	12.73	13.46	3.680	0.600
GLAZIER		BLD		35.730	37.730	1.5	1.5	2.0	9.950	8.200	0.000	1.250
HT/FROST INSULATOR		BLD		33.930	36.470	1.5	1.5	2.0	7.450	14.77	0.000	0.000
IRON WORKER		ALL		35.090	36.840	2.0	2.0	2.0	8.340	22.19	0.000	0.500
LABORER		BLD		30.750	32.000	1.5	1.5	2.0	8.240	12.84	0.000	0.800
LABORER		HWY		34.380	35.130	1.5	1.5	2.0	8.240	12.84	0.000	0.800
LABORER, SKILLED		HWY		36.830	37.580	1.5	1.5	2.0	8.240	12.84	0.000	0.800
LATHER		BLD		32.040	35.560	1.5	1.5	2.0	9.250	14.87	0.000	0.600
MACHINIST		BLD		43.920	46.420	1.5	1.5	2.0	6.760	8.950	1.850	0.000
MARBLE FINISHERS		BLD		32.450	0.000	1.5	1.5	2.0	8.300	4.930	0.000	0.550
MARBLE MASON		BLD		35.130	35.380	1.5	1.5	2.0	8.300	7.240	0.000	0.580
MATERL/TSTR/INSP I		ALL		32.380	0.000	1.5	1.5	2.0	8.240	12.84	0.000	0.800
MATERL/TSTR/INSP II		ALL		34.380	0.000	1.5	1.5	2.0	8.240	12.84	0.000	0.800
MILLWRIGHT		BLD		35.500	39.050	1.5	1.5	2.0	8.300	14.37	0.000	0.500
OPERATING ENGINEER		BLD	1	41.800	45.800	2.0	2.0	2.0	16.65	10.30	2.350	1.000
OPERATING ENGINEER		BLD	2	41.100	45.800	2.0	2.0	2.0	16.65	10.30	2.350	1.000
OPERATING ENGINEER		BLD	3	38.650	45.800	2.0	2.0	2.0	16.65	10.30	2.350	1.000
OPERATING ENGINEER		BLD	4	36.650	45.800	2.0	2.0	2.0	16.65	10.30	2.350	1.000
OPERATING ENGINEER		BLD	5	45.550	45.800	2.0	2.0	2.0	16.65	10.30	2.350	1.000
OPERATING ENGINEER		BLD	6	44.800	45.800	2.0	2.0	2.0	16.65	10.30	2.350	1.000
OPERATING ENGINEER		BLD	7	41.800	45.800	2.0	2.0	2.0	16.65	10.30	2.350	1.000
OPERATING ENGINEER		HWY	1	41.650	45.650	1.5	1.5	2.0	16.65	10.30	2.350	1.300
OPERATING ENGINEER		HWY	2	41.100	45.650	1.5	1.5	2.0	16.65	10.30	2.350	1.300
OPERATING ENGINEER		HWY	3	39.800	45.650	1.5	1.5	2.0	16.65	10.30	2.350	1.300
OPERATING ENGINEER		HWY	4	38.350	45.650	1.5	1.5	2.0	16.65	10.30	2.350	1.300
OPERATING ENGINEER		HWY	5	36.900	45.650	1.5	1.5	2.0	16.65	10.30	2.350	1.300
OPERATING ENGINEER		HWY	6	44.650	45.650	1.5	1.5	2.0	16.65	10.30	2.350	1.300
OPERATING ENGINEER		HWY	7	42.650	45.650	1.5	1.5	2.0	16.65	10.30	2.350	1.300
PAINTER		ALL		35.800	37.800	1.5	1.5	1.5	10.00	8.200	0.000	1.350
PILEDRIVER		BLD		33.040	36.670	1.5	1.5	2.0	9.250	14.87	0.000	0.600
PILEDRIVER		HWY		34.880	36.630	1.5	1.5	2.0	10.50	14.00	0.000	0.490
PIPEFITTER		BLD		42.100	45.050	1.5	1.5	2.0	7.980	11.04	0.000	1.000
PLASTERER		BLD		33.780	37.160	2.0	2.0	2.0	8.750	11.60	0.000	0.500
PLUMBER		BLD		42.100	45.050	1.5	1.5	2.0	7.980	11.04	0.000	1.000
ROOFER		BLD		39.200	42.200	1.5	1.5	2.0	8.280	9.690	0.000	0.430
SHEETMETAL WORKER		BLD		37.400	39.330	1.5	1.5	2.0	5.700	16.50	0.520	0.290
SPRINKLER FITTER		BLD		37.120	39.870	1.5	1.5	2.0	8.420	8.500	0.000	0.350
STONE MASON		BLD		36.420	39.170	1.5	1.5	2.0	8.650	12.05	0.000	0.630
SURVEY WORKER		ALL		36.830	37.580	1.5	1.5	2.0	8.240	12.84	0.000	0.800
TERRAZZO FINISHER		BLD		32.450	0.000	1.5	1.5	2.0	8.300	4.930	0.000	0.550
TERRAZZO MASON		BLD		35.130	35.380	1.5	1.5	2.0	8.300	7.240	0.000	0.580
TILE LAYER		BLD		32.040	35.560	1.5	1.5	2.0	9.250	14.87	0.000	0.600

TILE MASON	BLD	35.130	35.380	1.5	1.5	2.0	8.300	7.240	0.000	0.580
TRUCK DRIVER	ALL 1	32.960	33.420	1.5	1.5	2.0	6.900	8.220	0.000	0.000
TRUCK DRIVER	ALL 2	33.110	33.420	1.5	1.5	2.0	6.900	8.220	0.000	0.000
TRUCK DRIVER	ALL 3	33.310	33.420	1.5	1.5	2.0	6.900	8.220	0.000	0.000
TRUCK DRIVER	ALL 4	33.420	33.420	1.5	1.5	2.0	6.900	8.220	0.000	0.000
TUCKPOINTER	BLD	36.420	39.170	1.5	1.5	2.0	8.650	12.05	0.000	0.630

Legend: RG (Region)

TYP (Trade Type - All,Highway,Building,Floating,Oil & Chip,Rivers)

C (Class)

Base (Base Wage Rate)

FRMAN (Foreman Rate)

M-F>8 (OT required for any hour greater than 8 worked each day, Mon through Fri.)

OSA (Overtime (OT) 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

STEPHENSON COUNTY

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. 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. 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, concrete burning machine operator, coring machine operator, plaster tender, underpinning and shoring of buildings, pump men, manhole and catch basin, dirt and stone tamper, hose men on concrete pumps, hazardous waste worker, lead base paint abatement worker, lining of pipe, refusing machine, assisting on direct boring machine, the work of laying watermain, fire hydrants, all mechanical joints to watermain work, sewer worker, and tapping water service and forced lift station mechanical worker.

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

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

OPERATING ENGINEERS - BUILDING

Class 1. Asphalt Plant; Asphalt Spreader; Autograde; Backhoes with Caisson Attachment; 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 (over 27E cu. ft.): Concrete Paver (27 cu. ft. and under); Concrete Placer; Concrete Pump (Truck Mounted); Concrete Conveyor (Truck Mounted); Concrete Tower; Cranes, All; GCI and similar types (required two operators only); Cranes, Hammerhead; Creter Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, one, two and three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Hydro Vac (and similar equipment - excluding hose work and any sewer work); Locomotives, All; Lubrication Technician; Manipulators; Motor Patrol; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Raised and Blind Hole Drill; Rock Drill (self-propelled); Rock Drill - Truck Mounted; Roto Mill Grinder; Scoops - Tractor Drawn; Slipform Paver; Scrapers Prime Movers; Straddle Buggies; Tie Back Machine; Tractor with Boom 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; Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum; Laser Screed; 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, Extracting, or Drilling - with a seat); Lowboys; Pumps, Over 3" (1 to 3 not to exceed 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. Elevator push button with automatic doors; Hoists, Inside; Oilers; Brick Forklift.

Class 5. Assistant Craft Foreman

Class 6. Mechanics; Welders.

Class 7. Gradall

OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

Class 1. 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, Tower of all types; Creter Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Directional Boring Machine over 12"; Dredges; Formless Curb and Gutter Machine; 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; Hydro Vac, Self Propelled, Truck Mounted (excluding hose work and any sewer work); Lubrication Technician; Manipulators; 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; Snow Melters; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; GCI Crane; Hydraulic Telescoping Form (Tunnel); Tie Back Machine; Tractor Drawn Belt Loader; Tractor Drawn Belt Loader with attached pusher; Tractor with Boom; Tractaire with Attachments; Traffic Barrier Conveyor Machine; Raised or Blind Hole Drills; Trenching Machine (over 12"); Truck Mounted Concrete Pump with Boom; Truck Mounted Concrete Conveyor; Work Boat (no license required - 90 h.p. or above); 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; Concrete Wheel Saw (large self-propelled - excluding walk-behinds and hand-held); Conveyor Muck Cars (Haglund or Similar Type); Drills, all; Finishing Machine - Concrete; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro Blaster; All Locomotives, Dinky; Off-Road Hauling Units; Non-Self Loading Dump; Ejection Dump; 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; Brick Forklift; Combination - Small Equipment Operator; Directional Boring Machine up to 12"; Generators; 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; Tractaire; Trencher 12" and under; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. Oilers and Directional Boring Machine Locator.

Class 6. Field Mechanics and Field Welders

Class 7. Gradall and machines of like nature.

SURVEY WORKER - Operated survey equipment including data collectors, G.P.S. and robotic instruments, as well as conventional levels and transits.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION

Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors; Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters; Unskilled dumpman; and Truck Drivers hauling warning lights, barricades, and portable toilets on the job site.

Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnatrailers or turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

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 217-782-1710 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.

MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II

Notwithstanding the difference in the classification title, the classification entitled "Material Tester I" involves the same job duties as the classification entitled "Material Tester/Inspector I". Likewise, the classification entitled "Material Tester II" involves the same job duties as the classification entitled "Material Tester/Inspector I