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

PREQUALIFICATION

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

REQUESTS FOR AUTHORIZATION TO BID

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

WHO CAN BID?

Bids will be accepted from only those companies that request and receive written **Authorization to Bid** from IDOT's Central Bureau of Construction.

WHAT CONSTITUTES WRITTEN AUTHORIZATION TO BID?: When a prospective prime bidder submits a "Request for Authorization to Bid/or Not For Bid Status" (BDE 124INT) he/she must indicate at that time which items are being requested For Bidding purposes. Only those items requested For Bidding will be analyzed. After the request has been analyzed, the bidder will be issued a Proposal Denial and/or Authorization Form, approved by the Central Bureau of Construction, that indicates which items have been approved For Bidding. If Authorization to Bid cannot be approved, the Proposal Denial and/or Authorization Form will indicate the reason for denial.

ABOUT AUTHORIZATION TO BID: Firms that have not received an authorization form within a reasonable time of complete and correct original document submittal should contact the department as to status. This is critical in the week before the letting. These documents must be received three days before the letting date. Firms unsure as to authorization status should call the Prequalification Section of the Bureau of Construction at the number listed at the end of these instructions.

ADDENDA AND REVISIONS: It is the contractor's responsibility to determine which, if any, addenda or revisions pertain to any project they may be bidding. Failure to incorporate all relevant addenda or revisions may cause the bid to be declared unacceptable.

Each addendum will be placed with the contract number. Addenda and revisions will also be placed on the Addendum/Revision Checklist and each subscription service subscriber will be notified by e-mail of each addendum and revision issued.

The Internet is the Department's primary way of doing business. The subscription server e-mails are an added courtesy the Department provides. It is suggested that bidders check IDOT's website at 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 D&Econtracts@dot.il.gov

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

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

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

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

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

WHO SHOULD BE CALLED IF ASSISTANCE IS NEEDED?

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

ADDENDUMS AND REVISIONS TO THE PROPOSAL FORMS

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

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BIDDERS NEED NOT RETURN THE ENTIRE PROPOSAL

See instructions inside front cover)

KETOKK WITH BID
Proposal Submitted By
Name
Address
City

Letting November 7, 2008

NOTICE TO PROSPECTIVE BIDDERS

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

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



Springfield, Illinois 62764

Contract No. 60F15
Various Counties
Section 2008-057 GRR
District 1 Construction and MCHD Funds
Various Routes

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

Prepared by

S

Checked by

INSTRUCTIONS

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

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

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

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

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

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

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

WHO SHOULD BE CALLED IF ASSISTANCE IS NEEDED?

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



PROPOSAL

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. 60F15 Various Counties Section 2008-057 GRR Various Routes District 1 Construction and MCHD Funds	

Repairs and installation of guardrail along various expressways and arterial highways north of and including IL Route 38 in the northern part of the district in Cook, DuPage, Kane, Lake and McHenry counties.

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

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

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

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

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

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

Attach Cashier's Check or Certified Check Here

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

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

Section No.

County

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

-3-

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

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

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

Schedule of Combination Bids

Combination		Combinatio	Combination Bid			
No.	Sections Included in Combination	Dollars	Cents			

- 7. SCHEDULE OF PRICES. The undersigned bidder submits herewith, in accordance with the rules and instructions, a schedule of prices for the items of work for which bids are sought. The unit prices bid are in U.S. dollars and cents, and all extensions and summations have been made. The bidder understands that the quantities appearing in the bid schedule are approximate and are provided for the purpose of obtaining a gross sum for the comparison of bids. If there is an error in the extension of the unit prices, the unit prices shall govern. Payment to the contractor awarded the contract will be made only for actual quantities of work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as provided elsewhere in the contract.
- 8. **CERTIFICATE OF AUTHORITY.** The undersigned bidder, if a business organized under the laws of another State, assures the Department that it will furnish a copy of its certificate of authority to do business in the State of Illinois with the return of the executed contract and bond. Failure to furnish the certificate within the time provided for execution of an awarded contract may be cause for cancellation of the award and forfeiture of the proposal guaranty to the State.

ILLINOIS DEPARTMENT OF TRANSPORTATION SCHEDULE OF PRICES CONTRACT NUMBER - 60F15

State Job # - C-91-038-09
PPS NBR - 0-00859-1006
County Name - VARIOUS- -

Code - 0 - District - 1 - -

Section Number - 2008-057GRR

Project Number	<u>R</u>	oute
	V	ARIOUS

Item Number	Pay Item Description	Unit of Measure	Quantity	х	Unit Price	=	Total Price
XZ190500	F&I TRAF BAR TERM T5	EACH	2.000				
XZ190600	F&I TRAF BAR TERM T6	EACH	4.000				
X0300501	F&I TR B TERM T1 NOSE	EACH	7.000				
X0301763	F&I TRAF BAR TERM T1B	EACH	2.000				
X0301849	F&I TB TERM T1 SP TAN	EACH	42.000				
X0301850	F&I TB TERM T1 SP FLR	EACH	5.000				
X0320619	F&I THBM GDRL ELE PLT	EACH	5.000				
X0321152	F&I RAD RAIL ELE PLTS	EACH	52.000				
X0321562	F&I TRAF B TERM T3 SP	EACH	2.000				
X0321563	REP TRAF B TERM T1 SP	EACH	186.000				
X0322240	F & S THRIE-BEAM POST	EACH	5.000				
X0322241	F&I THBM RADI ELE PLT	EACH	2.000				
X0322242	F&S THRIE-BM MOD BLKS	EACH	5.000				
X0322451		EACH	210.000				
	REP TB TERM T1 SP RLP	EACH	60.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION SCHEDULE OF PRICES CONTRACT NUMBER - 60F15

State Job # - C-91-038-09
PPS NBR - 0-00859-1006
County Name - VARIOUS- -

Code - 0 - -

District -

Section Number - 2008-057GRR

1 - -

Project Number	Route
-	VARIOUS

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
X0322603	F&I TB TRM T3 SP NOSE	EACH	2.000				
X0324559	REP TB TERM T3 SPL	EACH	4.000				
Z0025200	F&I CONNECT END SECT	EACH	2.000				
Z0025600	F & I RETURN END SECT	EACH	3.000				
Z0025800	F & I SINGLE END SECT	EACH	14.000				
Z0026200	F&I TRAF BAR TERM T2	EACH	5.000				
Z0026700	F & S STEEL POSTS	EACH	710.000				
Z0026800	F & S STEEL POSTS MOD	EACH	22.000				
Z0026900	F & S STEEL POSTS SPL	EACH	9.000				
Z0051400	REM & RESET POSTS	EACH	50.000				
Z0052100	REPAIR SPBGR TY B	FOOT	100.000				
Z0052200	REPAIR SPBGR TY C	FOOT	50.000				
Z0052400	REPAIR TR BAR TERM T1	EACH	9.000				
Z0052550	REPAIR TR BAR TERM 1B	EACH	2.000				
Z0052600	REPAIR TR BAR TERM T2	EACH	17.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION SCHEDULE OF PRICES CONTRACT NUMBER - 60F15

State Job # - C-91-038-09 PPS NBR - 0-00859-1006

County Name - VARIOUS- - Code - 0 - -

District -

Section Number - 2008-057GRR

1 - -

Project Number	Route	
	VARIOUS	

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
Z0052900	REPAIR TR BAR TERM T4	EACH	2.000				
Z0053000	REPAIR TR BAR TERM T5	EACH	2.000				
Z0053200	REPAIR TR BAR TERM T6	EACH	3.000				
Z0053400	REPAIR TR BAR TERM T8	EACH	2.000				
44002300	CURB REMOVAL PART	FOOT	100.000				
50900200	STEEL RAIL TYPE 2399	FOOT	25.000				
63000000	SPBGR TY A	FOOT	400.000				
63001105	F & I GDRL BLOCKS	EACH	1,000.000				
63001205	F & I GDRL CHANNEL	EACH	30.000				
63001305	F & I RAIL ELE PLATES	EACH	1,300.000				
63100045	TRAF BAR TERM T2	EACH	2.000				
63100167	TR BAR TRM T1 SPL TAN	EACH	2.000				
63300800	GDRL POST VERT ADJUST	EACH	12.000				
78200405	GUARDRAIL MARKERS	EACH	285.000				
78201000	TERMINAL MARKER - DA	EACH	20.000				

CONTRACT NUMBER	60F15	
THIS IS THE TOTAL BID		\$

NOTES:

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

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

I. GENERAL

- **A.** Article 50 of the Illinois Procurement Code establishes the duty of all State chief procurement officers, State purchasing officers, and their designees to maximize the value of the expenditure of public moneys in procuring goods, services, and contracts for the State of Illinois and to act in a manner that maintains the integrity and public trust of State government. In discharging this duty, they are charged by law to use all available information, reasonable efforts, and reasonable actions to protect, safeguard, and maintain the procurement process of the State of Illinois.
- **B.** In order to comply with the provisions of Article 50 and to carry out the duty established therein, all bidders are to adhere to ethical standards established for the procurement process, and to make such assurances, disclosures and certifications required by law. By execution of the Proposal Signature Sheet, the bidder indicates that each of the mandated assurances has been read and understood, that each certification is made and understood, and that each disclosure requirement has been understood and completed.
- **C.** In addition to all other remedies provided by law, failure to comply with any assurance, failure to make any disclosure or the making of a false certification shall be grounds for termination of the contract and the suspension or debarment of the bidder.

II. ASSURANCES

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

B. Felons

1. The Illinois Procurement Code provides:

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

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

C. Conflicts of Interest

1. The Illinois Procurement Code provides in pertinent part:

Section 50-13. Conflicts of Interest.

- (a) Prohibition. It is unlawful for any person holding an elective office in this State, holding a seat in the General Assembly, or appointed to or employed in any of the offices or agencies of state government and who receives compensation for such employment in excess of 60% of the salary of the Governor of the State of Illinois, or who is an officer or employee of the Capital Development Board or the Illinois Toll Highway Authority, or who is the spouse or minor child of any such person to have or acquire any contract, or any direct pecuniary interest in any contract therein, whether for stationery, printing, paper, or any services, materials, or supplies, that will be wholly or partially satisfied by the payment of funds appropriated by the General Assembly of the State of Illinois or in any contract of the Capital Development Board or the Illinois Toll Highway authority.
- (b) Interests. It is unlawful for any firm, partnership, association or corporation, in which any person listed in subsection (a) is entitled to receive (i) more than 7 1/2% of the total distributable income or (ii) an amount in excess of the salary of the Governor, to have or acquire any such contract or direct pecuniary interest therein.
- (c) Combined interests. It is unlawful for any firm, partnership, association, or corporation, in which any person listed in subsection (a) together with his or her spouse or minor children is entitled to receive (i) more than 15%, in the aggregate, of the total distributable income or (ii) an amount in excess of 2 times the salary of the Governor, to have or acquire any such contract or direct pecuniary interest therein.
- (d) Securities. Nothing in this Section invalidates the provisions of any bond or other security previously offered or to be offered for sale or sold by or for the State of Illinois.
- (e) Prior interests. This Section does not affect the validity of any contract made between the State and an officer or employee of the State or member of the General Assembly, his or her spouse, minor child or any combination of those persons if that contract was in existence before his or her election or employment as an officer, member, or employee. The contract is voidable, however, if it cannot be completed within 365 days after the officer, member, or employee takes office or is employed.

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

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

D. Negotiations

1. The Illinois Procurement Code provides in pertinent part:

Section 50-15. Negotiations.

- (a) It is unlawful for any person employed in or on a continual contractual relationship with any of the offices or agencies of State government to participate in contract negotiations on behalf of that office or agency with any firm, partnership, association, or corporation with whom that person has a contract for future employment or is negotiating concerning possible future employment.
- 2. The bidder assures the Department that the award and execution of the contract would not cause a violation of Section 50-15, and that the bidder has no knowledge of any facts relevant to the kinds of acts prohibited therein.

E. Inducements

1. The Illinois Procurement Code provides:

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

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

F. Revolving Door Prohibition

1. The Illinois Procurement Code provides:

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

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

G. Reporting Anticompetitive Practices

1. The Illinois Procurement Code provides:

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

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

H. Confidentiality

1. The Illinois Procurement Code provides:

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

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

I. Insider Information

1. The Illinois Procurement Act provides:

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

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

III. CERTIFICATIONS

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

B. Bribery

1. The Illinois Procurement Code provides:

Section 50-5. Bribery.

- (a) Prohibition. No person or business shall be awarded a contract or subcontract under this Code who:
 - (1) has been convicted under the laws of Illinois or any other state of bribery or attempting to bribe an officer or employee of the State of Illinois or any other state in that officer's or employee's official capacity; or
 - (2) has made an admission of guilt of that conduct that is a matter of record but has not been prosecuted for that conduct.
- (b) Businesses. No business shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of the business if the employee or agent is no longer employed by the business and:
 - (1) the business has been finally adjudicated not guilty; or
 - (2) the business demonstrates to the governmental entity with which it seeks to contract, and that entity finds that the commission of the offense was not authorized, requested, commanded, or performed by a director, officer, or high managerial agent on behalf of the business as provided in paragraph (2) of subsection (a) of Section 5-4 of the Criminal Code of 1961.
- (c) Conduct on behalf of business. For purposes of this Section, when an official, agent, or employee of a business committed the bribery or attempted bribery on behalf of the business and in accordance with the direction or authorization of a responsible official of the business, the business shall be chargeable with the conduct.
- (d) Certification. Every bid submitted to and contract executed by the State shall contain a certification by the contractor that the contractor is not barred from being awarded a contract or subcontract under this Section. A contractor who makes a false statement, material to the certification, commits a Class 3 felony.
- 2. The bidder certifies that it is not barred from being awarded a contract under Section 50.5.

C. Educational Loan

- 1. Section 3 of the Educational Loan Default Act provides:
- § 3. No State agency shall contract with an individual for goods or services if that individual is in default, as defined in Section 2 of this Act, on an educational loan. Any contract used by any State agency shall include a statement certifying that the individual is not in default on an educational loan as provided in this Section.
- 2. The bidder, if an individual as opposed to a corporation, partnership or other form of business organization, certifies that the bidder is not in default on an educational loan as provided in Section 3 of the Act.

D. Bid-Rigging/Bid Rotating

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

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

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

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

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

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

E. International Anti-Boycott

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

F. Drug Free Workplace

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

G. Debt Delinquency

1. The Illinois Procurement Code provides:

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

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

H. Sarbanes-Oxley Act of 2002

1. The Illinois Procurement Code provides:

Section 50-60(c).

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

I. Addenda

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

J. Section 42 of the Environmental Protection Act

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

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

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

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

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

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

M. Disclosure of Business Operations in Iran

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

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

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

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

•	•	•	
Check the appropriate statement:			
// Company has no business op	perations in Iran to disclose.		
// Company has business opera	ations in Iran as disclosed th	he attached document.	

TO BE RETURNED WITH BID

IV. DISCLOSURES

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

B. Financial Interests and Conflicts of Interest

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

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

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

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

C. <u>Disclosure Form Instructions</u>

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

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

CERTIFICATION STATEMENT

I have determined that the Form A disclosure information previously submitted is current and accurate, and all forms are hereby incorporated by reference in this bid. Any necessary additional forms or amendments to previously submitted forms are attached to this bid.								
(Bidding Company)								
Signature of Authorized Representative	Date							

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

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

1.	Does anyone in your organization have a direct or beneficial ownership share of greater than 5% of the bidding entity or parent entity? YES NO
2.	Does anyone in your organization have a direct or beneficial ownership share of less than 5%, but which has a value greater than \$102,600.00? YES NO
3.	Does anyone in your organization receive more than \$102,600.00 of the bidding entity's or parent entity's distributive income? (Note: Distributive income is, for these purposes, any type of distribution of profits. An annual salary is not distributive income.) YES NO
4.	Does anyone in your organization receive greater than 5% of the bidding entity's or parent entity's total distributive income, but which is less than \$102,600.00? YES NO
	(Note: Only one set of forms needs to be completed per person per bid even if a specific individual would require a yes answer to more than one question.)
bidding authori	are answer to any of these questions requires the completion of Form A. The bidder must determine each individual in the bidding entity or the pentity's parent company that would cause the questions to be answered "Yes". Each form must be signed and dated by a person that is zed to execute contracts for your organization. Photocopied or stamped signatures are not acceptable . The person signing can be, but of have to be, the person for which the form is being completed. The bidder is responsible for the accuracy of any information provided.
	nswer to each of the above questions is "NO", then the <u>NOT APPLICABLE STATEMENT</u> on page 2 of Form A must be signed and dated by on that is authorized to execute contracts for your company.
bidding	B: Identifying Other Contracts & Procurement Related Information Disclosure Form B must be completed for each bid submitted by the entity. Note: Checking the NOT APPLICABLE STATEMENT on Form A does not allow the bidder to ignore Form B. Form B must be eated, checked, and dated or the bidder may be considered nonresponsive and the bid will not be accepted.
ongoin	dder shall identify, by checking Yes or No on Form B, whether it has any pending contracts (including leases), bids, proposals, or other g procurement relationship with any other (non-IDOT) State of Illinois agency. If "No" is checked, the bidder only needs to complete the box on the bottom of Form B. If "Yes" is checked, the bidder must do one of the following:
agency attache and are	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 pending contracts, leases, bids, proposals, and other ongoing procurement relationships. These items may be listed on Form B or on an ed sheet(s). Do not include IDOT contracts. Contracts with cities, counties, villages, etc. are not considered State of Illinois agency contracts and to be included. Contracts with other State of Illinois agencies such as the Department of Natural Resources or the Capital Development must be included. Bidders who submit Affidavits of Availability are suggested to use Option II.
"See A agency	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 ffidavit of Availability" which indicates that the Affidavit of Availability is incorporated by reference and includes all non-IDOT State of Illinois pending contracts, leases, bids, proposals, and other ongoing procurement relationships. For any contracts that are not covered by the it of Availability, the bidder must identify them on Form B or on an attached sheet(s). These might be such things as leases.
<u>Bidder</u>	s Submitting More Than One Bid
	s submitting multiple bids may submit one set of forms consisting of all required Form A disclosures and one Form B for use with all bids. indicate in the space provided below the bid item that contains the original disclosure forms and the bid items which incorporate the forms rence.
	The bid submitted for letting item contains the Form A disclosures or Certification Statement and the Form B disclosures. The following letting items incorporate the said forms by reference:

ILLINOIS DEPARTMENT OF TRANSPORTATION

Form A Financial Information & Potential Conflicts of Interest Disclosure

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

agency for which you are employed and your annual salary.

	3.	If you are currently appointed to or employed by any agency of the salary exceeds \$102,600.00, (60% of the Governor's salary as of (i) more than 7 1/2% of the total distributable income of your firm corporation, or (ii) an amount in excess of the salary of the Governor	7/1/07) are you entitled to receiven, partnership, association or
	4.	If you are currently appointed to or employed by any agency of the salary exceeds \$102,600.00, (60% of the Governor's salary as of or minor children entitled to receive (i) more than 15 % in the aggincome of your firm, partnership, association or corporation, or (ii) a the salary of the Governor?	7/1/07) are you and your spouse gregate of the total distributable
(b)	•	oyment of spouse, father, mother, son, or daughter, including contra	actual employment services
	If your ans	wer is yes, please answer each of the following questions.	YesNo
	1.	Is your spouse or any minor children currently an officer or employed Board or the Illinois Toll Highway Authority?	ee of the Capitol Development YesNo
	2.	Is your spouse or any minor children currently appointed to or empl of Illinois? If your spouse or minor children is/are currently agagency of the State of Illinois, and his/her annual salary exceed Governor's salary as of 7/1/07) provide the name of your spouse of the State agency for which he/she is employed and his/her annual	opointed to or employed by any eds \$102,600.00, (60 % of the and/or minor children, the name
	3.	If your spouse or any minor children is/are currently appointed to o State of Illinois, and his/her annual salary exceeds \$102,600.00, (6 as of 7/1/07) are you entitled to receive (i) more then 71/2% of the tfirm, partnership, association or corporation, or (ii) an amount if Governor?	0% of the salary of the Governor otal distributable income of your
	4.	If your spouse or any minor children are currently appointed to or of State of Illinois, and his/her annual salary exceeds \$102,600.00, (60 7/1/07) are you and your spouse or minor children entitled to reaggregate of the total distributable income of your firm, partnership (ii) an amount in excess of 2 times the salary of the Governor?	0% of the Governor's salary as of ceive (i) more than 15 % in the
			YesNo
	unit of	ve status; the holding of elective office of the State of Illinois, the government authorized by the Constitution of the State of Illinocurrently or in the previous 3 years.	
		onship to anyone holding elective office currently or in the previous 2 r daughter.	years; spouse, father, mother, YesNo
	Americ of the	ntive office; the holding of any appointive government office of the St ca, or any unit of local government authorized by the Constitution of State of Illinois, which office entitles the holder to compensation in e scharge of that office currently or in the previous 3 years.	the State of Illinois or the statutes
		onship to anyone holding appointive office currently or in the previous daughter.	2 years; spouse, father, mother, YesNo
	(g) Emplo	yment, currently or in the previous 3 years, as or by any registered lo	obbyist of the State government. YesNo

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

Form B Other Contracts & Procurement Related Information Disclosure

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

SPECIAL NOTICE TO CONTRACTORS

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

CONSTRUCTION EMPLOYEE UTILIZATION PROJECTION

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



Contract No. 60F15
Various Counties
Section 2008-057 GRR
Various Routes
District 1 Construction and MCHD Funds

PART I. IDENTIFIC	AHON																	
Dept. Human Right	s#						_ Dur	ation o	f Proje	ect:								
Name of Bidder: _																		
PART II. WORKFO A. The undersigned which this contract wo projection including a	d bidder h	as analyz e perform	ed mir ed, an	d for th d fema	ne locat	ions fro	m whic	h the b	idder re	cruits	employe	es, and he	ereby	submi	ts the foll	owir con	ng workfo	rce
		TOTA	AL Wo	rkforce	Projec	tion for	Contra	act						C	URRENT		IPLOYEE	S
				MINO	ORITY	EMPLO	YFFS			TR	AINEES						RACT	
JOB CATEGORIES	EMPL	TAL OYEES	-	ACK	HISP	ANIC	*OT MIN	HER IOR.		REN- ES	ON T	HE JOB INEES		EMPL	TAL OYEES		EMPLO	ORITY DYEES
OFFICIALS	M	F	М	F	М	F	М	F	М	F	M	F		М	F		M	F
(MANAGERS)																		
SUPERVISORS																		
FOREMEN																		
CLERICAL																		
EQUIPMENT OPERATORS																		
MECHANICS																		
TRUCK DRIVERS																		
IRONWORKERS																		
CARPENTERS																		
CEMENT MASONS																		
ELECTRICIANS																		
PIPEFITTERS, PLUMBERS																		
PAINTERS																		
LABORERS, SEMI-SKILLED																		
LABORERS, UNSKILLED																		
TOTAL																		
-	TAI TOTAL Tr	BLE C aining Pro	oiectio	n for C	Contract				7			FOR	DEP/	ARTM	IENT US	SE C	ONLY	
EMPLOYEES IN	TO	TAL OYEES		ACK		PANIC		THER NOR.										
TRAINING	М	F	М	F	М	F	М	F										
APPRENTICES																		
ON THE JOB																		

* Other minorities are defined as Asians (A) or Native Americans (N).
Please specify race of each employee shown in Other Minorities column.

TRAINEES

BC 1256 (Rev. 12/11/07)

Note: See instructions on page 2

Contract No. 60F15
Various Counties
Section 2008-057 GRR
Various Routes
District 1 Construction and MCHD Funds

PART II. WORKFORCE PROJECTION - continued

B.	B. Included in "Total Employees" under Table A is the total number of new hires that would be employed in th event the undersigned bidder is awarded this contract.			ould be employed in the
	The u	ndersigned bidder projects that: (number)		new hires would
	be red	cruited from the area in which the contract project is located; and	d/or (number)	
	office	new hires would be recruited to or base of operation is located.	from the area in	which the bidder's principal
	onice	or base of operation is located.		
C.		led in "Total Employees" under Table A is a projection of numbe signed bidder as well as a projection of numbers of persons to b		
	The u	ndersigned bidder estimates that (number)		persons will
	be dir	ectly employed by the prime contractor and that (number) byed by subcontractors.		persons will be
PART	III. AFF	FIRMATIVE ACTION PLAN		
A.	utiliza in any comm (geare utiliza	ndersigned bidder understands and agrees that in the event the tion projection included under PART II is determined to be an uragious category, and in the event that the undersigned bidder is avalencement of work, develop and submit a written Affirmative Actived to the completion stages of the contract) whereby deficiencies tion are corrected. Such Affirmative Action Plan will be subject the partment of Human Rights.	nderutilization o varded this con ion Plan includi s in minority and	f minority persons or women tract, he/she will, prior to ng a specific timetable d/or female employee
B.	subm	ndersigned bidder understands and agrees that the minority and itted herein, and the goals and timetable included under an Affiripart of the contract specifications.		
Comp	any	·	none Number _	
Addre	 ess			
		NOTICE REGARDING SIGNATUL	RF	
		der's signature on the Proposal Signature Sheet will constitute the sign to be completed if revisions are required.		The following signature block
	Signatu	re: Title:		Date:
Instruc	tions:	All tables must include subcontractor personnel in addition to prime contractor	personnel.	
Table /	4 -	Include both the number of employees that would be hired to perform the c (Table B) that will be allocated to contract work, and include all apprentices a should include all employees including all minorities, apprentices and on-the-jo	and on-the-job train	ees. The "Total Employees" column
Table I	3 -	Include all employees currently employed that will be allocated to the contract currently employed.	work including any	apprentices and on-the-job trainees
Table (C -	Indicate the racial breakdown of the total apprentices and on-the-job trainees s	shown in Table A.	

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

Contract No. 60F15
Various Counties
Section 2008-057 GRR
Various Routes
District 1 Construction and MCHD Funds

PROPOSAL SIGNATURE SHEET

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

	Firm Name	
(IF AN INDIVIDUAL)		
	Firm Name	
(IF A CO-PARTNERSHIP)		
,		
		Name and Address of All Members of the Firm:
_		
-		
	Corporate Name	
	ву	Signature of Authorized Representative
		Typed or printed name and title of Authorized Representative
(IF A CORPORATION)		
(IF A JOINT VENTURE, USE THIS SECTION	Attest	Signature
FOR THE MANAGING PARTY AND THE SECOND PARTY SHOULD SIGN BELOW)		Signature
0_0000_0000_0000_0000000000000000000000	240000 / 144.000	
	Corporate Name	
	Ву	
		Signature of Authorized Representative
		Typed or printed name and title of Authorized Representative
(IF A JOINT VENTURE)	Attact	
	Allesi	Signature
	Business Address	
If more than two parties are in the joint venture	e nlease attach an ac	Iditional signature sheet

Return with Bid



Division of Highways Proposal Bid Bond

(Effective November 1, 1992)

			Item No.
			Letting Date
KNOW ALL MEN BY THESE PRESE	NTS, That We		
as PRINCIPAL, and			
			as SURETY, are
specified in Article 102.09 of the "Sta	andard Specifications for R be paid unto said STATE	Road and Bridge Construc	um of 5 percent of the total bid price, or for the amount ction" in effect on the date of invitation for bids, whichever syment of which we bind ourselves, our heirs, executors,
	h the Department of Tra		e PRINCIPAL has submitted a bid proposal to the overnent designated by the Transportation Bulletin Item
and as specified in the bidding and of after award by the Department, the including evidence of the required in performance of such contract and for of the PRINCIPAL to make the required Department the difference not to except the property of the propert	contract documents, subm PRINCIPAL shall enter intensurance coverages and the prompt payment of lated DBE submission or to seed the penalty hereof be nother party to perform the	it a DBE Utilization Plant to a contract in accordant providing such bond as bor and material furnished enter into such contract a etween the amount specif	CIPAL; and if the PRINCIPAL shall, within the time that is accepted and approved by the Department; and if, ce with the terms of the bidding and contract documents specified with good and sufficient surety for the faithful d in the prosecution thereof; or if, in the event of the failure and to give the specified bond, the PRINCIPAL pays to the fied in the bid proposal and such larger amount for which bid proposal, then this obligation shall be null and void,
paragraph, then Surety shall pay the	penal sum to the Departm the Department may bring	nent within fifteen (15) day an action to collect the a	with any requirement as set forth in the preceding is of written demand therefor. If Surety does not make full imount owed. Surety is liable to the Department for all its whole or in part.
In TESTIMONY WHEREOF, th	ne said PRINCIPAL and the	e said SURETY have cau	sed this instrument to be signed by
their respective officers this	day of		A.D., .
PRINCIPAL			
(Company No			(Company Name)
(Company Nat	ne)		(Company Name)
By: (Signature	o & Titlo)	By:	(Signature of Attorney-in-Fact)
			(Signature of Attorney-III-1 act)
Notary Certification for Principal and STATE OF ILLINOIS,	Surety		
County of			
Ι,		a Notary Pu	blic in and for said County, do hereby certify that
		·	bile in and for said county, do noteby sertify that
	(Insert names of individual	and and s signing on behalf of PR	INCIPAL & SURETY)
who are each personally known to m	ie to be the same persons his day in person and ackr	whose names are subsci	ribed to the foregoing instrument on behalf of PRINCIPAL nat they signed and delivered said instrument as their free
Given under my hand and nota	arial seal this	day of	A.D
My commission expires			
-			Notary Public
	ignature and Title line bel	low, the Principal is ensur	ile an Electronic Bid Bond. By signing the proposal and ring the identified electronic bid bond has been executed as of the bid bond as shown above.
Electronic Bid Bond ID#	Company / Bidder	r Name	□Signature and Title
	pa, , Diadoi		3

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. 60F15
Various Counties
Section 2008-057 GRR
Various Routes
District 1 Construction and MCHD Funds



Illinois Department of Transportation

NOTICE TO BIDDERS

- 1. TIME AND PLACE OF OPENING BIDS. Sealed proposals for the improvement described herein will be received by the Department of Transportation at the Harry R. Hanley Building, 2300 South Dirksen Parkway, in Springfield, Illinois until 10:00 o'clock a.m., November 7, 2008. All bids will be gathered, sorted, publicly opened and read in the auditorium at the Department of Transportation's Harry R. Hanley Building shortly after the 10:00 a.m. cut off time.
- 2. **DESCRIPTION OF WORK**. The proposed improvement is identified and advertised for bids in the Invitation for Bids as:

Contract No. 60F15
Various Counties
Section 2008-057 GRR
Various Routes
District 1 Construction and MCHD Funds

Repairs and installation of guardrail along various expressways and arterial highways north of and including IL Route 38 in the northern part of the district in Cook, DuPage, Kane, Lake and McHenry counties.

- 3. INSTRUCTIONS TO BIDDERS. (a) This Notice, the invitation for bids, proposal and letter of award shall, together with all other documents in accordance with Article 101.09 of the Standard Specifications for Road and Bridge Construction, become part of the contract. Bidders are cautioned to read and examine carefully all documents, to make all required inspections, and to inquire or seek explanation of the same prior to submission of a bid.
 - (b) State law, and, if the work is to be paid wholly or in part with Federal-aid funds, Federal law requires the bidder to make various certifications as a part of the proposal and contract. By execution and submission of the proposal, the bidder makes the certification contained therein. A false or fraudulent certification shall, in addition to all other remedies provided by law, be a breach of contract and may result in termination of the contract.
- 4. AWARD CRITERIA AND REJECTION OF BIDS. This contract will be awarded to the lowest responsive and responsible bidder considering conformity with the terms and conditions established by the Department in the rules, Invitation for Bids and contract documents. The issuance of plans and proposal forms for bidding based upon a prequalification rating shall not be the sole determinant of responsibility. The Department reserves the right to determine responsibility at the time of award, to reject any or all proposals, to readvertise the proposed improvement, and to waive technicalities.

By Order of the Illinois Department of Transportation

Milton R. Sees, Secretary

BD 351 (Rev. 01/2003)

INDEX FOR SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2008

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

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

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Various Routes
Section 2008-057 GRR
Various Counties
Contract 60F15

STATE OF ILLINOIS

SPECIAL PROVISIONS

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction," adopted January 1, 2007, the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways," and the "Manual of Test Procedures for Materials" in effect on the date of invitation for bids, and the Supplemental Specifications and Recurring Special Provisions indicated on the Check Sheet included herein which apply to and govern the construction of Various Routes, Section 2008-057 GRR, Various Counties, Contract 60F15 and in case of conflict with any part or parts of said Specifications, the said Special Provisions shall take precedence and shall govern.

ROUTE: VARIOUS SECTION: 2008-057 GRR COUNTY: VARIOUS CONTRACT: 60F15

LOCATION OF IMPROVEMENT

This work is located on various State maintained arterial and expressway routes located North of and including Illinois Route 38 within the counties of, DuPage, Kane, Lake, McHenry and Cook.

DESCRIPTION OF IMPROVEMENT

The work to be completed under this contract consists of installing guardrail at new locations and repairing existing damaged guardrail and traffic barrier terminals on a work order basis. This work includes removing damaged guardrail components and replacing all removed guardrail components with new material furnished by the Contractor. Guardrail shall be repaired in accordance with the details and standards in the plans.

This work also includes removing damaged traffic barrier terminal components and replacing all removed traffic barrier terminal components with new material furnished by the Contractor.

TERM OF CONTRACT

The term of this contract shall be from April 1, 2009 to March 31, 2010.

RENEWAL OF CONTRACT

This contract may be renewed for the period of April 1, 2010 to March 31, 2011, under the same terms, conditions and unit prices, upon written agreement of both the Illinois Department of Transportation and the Contractor.

PROSECUTION OF THE WORK

The Engineer will issue a work order to the Contractor prior to the Contractor proceeding with any work on this contract.

COMPLETION DATE

The Contractor shall schedule his/her operations in order to complete all work orders issued during the Term of Contract, including all clean-up work and open all roadways to traffic on or before April 30, 2010.

If this contract is renewed for the period of April 1, 2010 to March 31, 2011, the Contractor shall schedule his/her operations in order to complete all work orders issued during the renewed Term of Contract, including all clean-up work, and open all roadways to traffic on or before April 30, 2011.

The provisions of Article 108.09 of the Standard Specifications shall apply to both contract completion dates.

INTERPRETATION OF QUANTITIES AND PAYMENT

The quantities in the Summary of Quantities are approximate and includes items necessary to repair existing damaged guardrail and an estimate of items necessary to repair damage that may occur during the Term of Contract.

The quantities in the Summary of Quantities may be increased, decreased or deleted. Adjustments in contract unit prices will not be made due to an increase, decrease or deletion of items.

Payment for the work under this contract shall be made in accordance with the schedule of prices in the contract and as herein after described. Prices shall include all labor, materials and equipment necessary to complete the work satisfactorily. Before any payment for work is authorized, for a given work order, all repairs must be completed satisfactorily and the guardrail installation must be functional as intended.

The Contractor is hereby informed and shall understand that payment will be made only for actual quantities utilized and accepted as satisfactory.

WORK ORDER

No work, except for priority work, is to be performed by the Contractor without the issuance of a work order authorizing the work. Work orders may be issued for this contract from May 1 to April 30 of the Term of Contract. A work order will show the class of work, date issued to the Contractor, work order number, location, item description, and quantity of removals or repairs to be made. Only the amount of replacement or repairs shown on the work order is to be done by

the Contractor. If, at the time repairs are being made, it is found that additional work is needed, prior approval must be obtained from the Engineer before work is done. Any additional work done by the Contractor, without prior approval of the Engineer, will not be paid. A sample work order is included in the special provisions.

The Contractor shall contact the Engineer <u>by telephone no later than 6:30 AM each work day</u>, or at another time specified by the Engineer, to coordinate and obtain approval for daily work. The Contractor shall not revise the sequence of daily planned work without the Engineer's approval. The Contractor shall contact the Engineer (on a Monday through Friday), <u>and at least 24 hours in advance of Saturday, Sunday or holiday work.</u>

All work orders except priority work shall be issued by the Engineer to the Contractor at the Engineer's office or at a location as approved by the Engineer.

There is no guaranteed minimum or maximum amount of work order issuance for this unpredictable repair work.

The Contractor <u>must</u> inspect in detail <u>all</u> work sites as specified in the work order to determine the correct required traffic control and protection obligations and necessary new material requirements before proceeding with the work. In advance of any repair the contractor's supervisory personnel shall be knowledgeable of and fully able to direct their work force to <u>all</u> work order locations.

After the work is completed, the Contractor shall initial and record the completion date on the work order, the work order again will be signed and dated by the Engineer when the work has been inspected and accepted. The Contractor will be given one copy of the work order for his/her records.

Priority work will be initiated by a verbal order from the Engineer. This verbal order will always be confirmed by a written work order.

Regular work will be initiated by a written work order from the Engineer.

Winter work will be initiated by a written work order from the Engineer.

CLASS OF WORK

1. Priority Work

Priority work is defined as work that is required to correct a condition which is an immediate hazard to the public, or is designated by the Engineer to be an immediate hazard of such severity that life and/or property are potentially endangered and first priority corrective action is required.

The location of guardrail and appurtenances to be repaired as priority work shall be determined by the Engineer and may be required at any time between the starting date and the completion date.

2. Regular Work

Regular Work is defined as work that involves those situations where the amount or nature of damage does not pose an immediate hazard to the public. Work of this type shall generally be grouped by locations for efficiency of repair.

3. Winter Work

Winter work is defined as regular work with a work order issue date between December 1 and February 28, inclusive.

Winter work may require the Contractor to remove snow at the repair site prior to repair. Additional equipment may also be required to repair the damaged location due to frozen ground.

COMPLETION TIME FOR WORK ORDERS

The Contractor shall schedule his/her operations in order to complete a Priority Work Order within seven (7) calendar days after the date issued.

The Contractor shall schedule his/her operations in order to complete a Regular Work Order within twenty-one (21) calendar days after the date issued.

The Contractor shall schedule his/her operations in order to complete a Winter Work Order within twenty-eight (28) calendar days after the date issued.

CALENDAR DAYS

A calendar day is every day shown on the calendar and starts at 12:00 midnight and ends at the following 12:00 midnight, twenty-four (24) hours later.

A calendar day will be charged for every day shown on the calendar except as follows:

- a) When the temperature or wind chill factor, as officially reported by the United States Weather Bureau at Chicago O'Hare Field, reaches zero degrees Fahrenheit or below during any portion of that day.
- b) When weather conditions, emergency conditions and/or unforeseen highway operational reasons prevent shoulder or lane closures required for the work.
- c) When the Contractor requests and is denied approval from the Illinois Department of Transportation's Expressway Traffic Operations Engineer for lane, ramp and shoulder closures required for the work on Freeways and/or Expressways in District One.
- d) During any legal holiday period as defined in Article 107.09 of the Standard Specifications for Road and Bridge Construction.

The Contractor shall petition the Engineer in writing within 48 hours for each non-chargeable calendar day request. Failure to petition in time shall be just cause to deny the petition. Approval of non-chargeable calendar day requests shall be by the sole determination of the Engineer.

TRAFFIC CONTROL PLAN

Traffic Control shall be according to the applicable sections of the Standard Specifications, the Supplemental Specifications, the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways", any special details and Highway Standards contained in the plans, and the Special Provisions contained herein.

Special attention is called to Article 107.09 of the Standard Specifications and the following Highway Standards, Details, Quality Standard for Work Zone Traffic Control Devices, Recurring Special Provisions and Special Provisions contained herein, relating to traffic control.

The Contractor shall contact the District One Bureau of Traffic at least 72 hours in advance of beginning work.

STANDARDS: 701006, 701101, 701201, 701301, 701400, 701401, 701406, 701411,

701501, 701606, 701701, 701801 and 701901.

<u>DETAILS</u>: Traffic Control Detail for Shoulder and Partial Ramp Closures.

<u>SPECIAL PROVISIONS</u>: Work Zone Traffic Control

Traffic Control Adjacent to Medians and Shoulders

Traffic Control Deficiency Deduction for Pedestrian Barrier

and Guardrail Repair

Protection for Damaged Locations

Nighttime Work Zone Lighting (District One) Keeping the Expressway Open to Traffic

Lane Closure Hour Restrictions

Reflective Sheeting on Channelizing Devices (BDE)

Personal Protective Equipment

WORK ZONE TRAFFIC CONTROL

This Special Provision amends the provisions of the Standard Specifications for Road and Bridge Construction, and shall be construed to be a part thereof, superseding any conflicting provisions thereof applicable to the work under the contract.

701.19 - Method of Measurement: Revise this Article to read:

"Traffic Control and Protection will not be measured for payment."

701.20 - Basis of Payment: Revise this Article to read:

- "(a) Traffic Control and Protection will not be paid for as separate items, but the costs shall be considered as included in the contract unit prices for the construction items involved, and no additional compensation will be allowed.
- (b) Work or revisions in the phasing of construction or maintenance operations may require traffic control to be installed in accordance with a Standard other than those included in the plans. In such cases, the Standards will be made available to the Contractor at least one week in advance of the change in traffic control. Payment for traffic control required by these added Standards will be according to Article 109.04. Revisions or modifications to increase the traffic control protection shown in the contract shall be submitted by the Contractor for approval by the Engineer. A reduction of the traffic control shown in the contract will not be allowed."

NIGHTTIME WORK ZONE LIGHTING (DISTRICT ONE)

Effective: November 1, 2008

<u>Description</u>. This work shall consist of furnishing, installing, maintaining, moving, and removing lighting for nighttime work zones. Nighttime shall be defined as occurring shortly before sunset until after sunrise.

<u>Materials</u>. The lighting shall consist of mobile and/or stationary lighting systems as required herein for the specific type of construction. Mobile lighting systems shall consist of luminaires attached to construction equipment or moveable carts. Stationary lighting systems shall consist of roadway luminaires mounted on temporary poles or trailer mounted light towers at fixed locations. Some lighting systems, such as balloon lights, may be adapted to both mobile and stationary applications.

Equipment. The Contractor shall furnish an illuminance meter for use by the Engineer. The meter shall have a digital display calibrated to NIST standards, shall be cosine and color corrected, and shall have an accuracy of \pm five percent. The sensor shall have a level indicator to ensure measurements are taken in a horizontal plane.

CONSTRUCTION REQUIREMENTS

<u>General</u>. At the preconstruction conference, the Contractor shall submit the type(s) of lighting system to be used and the locations of all devices.

Before nighttime construction may begin, the lighting system shall be demonstrated as being operational.

<u>Nighttime Flagging</u>. The requirements for nighttime flagging shall be according to Article 701.13 of the Standard Specifications and the glare control requirements contained herein.

Lighting System Design. The lighting system shall be designed to meet the following.

(a) Lighting Levels. The lighting system shall provide a minimum of 5 foot candles (54 lux) throughout the work area. For mobile operations, the work area shall be defined as 25 ft (9 m) in front of and behind moving equipment. For stationary operations, the work area shall be defined as the entire area where work is being performed.

Lighting levels will be measured with an illuminance meter. Readings will be taken in a horizontal plane 3 ft (1 m) above the pavement or ground surface.

- (b) Glare Control. The lighting system shall be designed and operated so as to avoid glare that interferes with traffic, workers, or inspection personnel. Lighting systems with flood, spot, or stadium type luminaires shall be aimed downward at the work and rotated outward no greater than 30 degrees from nadir (straight down). Balloon lights shall be positioned at least 12 ft (3.6 m) above the roadway.
 - As a large component of glare, the headlights of construction vehicles and equipment shall not be operated within the work zone except as allowed for specific construction operations. Headlights shall never be used when facing oncoming traffic.
- (c) Light Trespass. The lighting system shall be designed to effectively light the work area without spilling over to adjoining property. When, in the opinion of the Engineer, the lighting is disturbing adjoining property, the Contractor shall modify the lighting arrangement or add hardware to shield the light trespass.

<u>Construction Operations</u>. The lighting design required above shall be provided at any location where construction equipment is operating or workers are present on foot. When multiple operations are being carried on simultaneously, lighting shall be provided at each separate work area.

The lighting requirements for specific construction operations shall be as follows.

- (a) Installation or Removal of Work Zone Traffic Control. The required lighting level shall be provided at each truck and piece of equipment used during the installation or removal of work zone traffic control. Headlights may be operated in the work zone.
- (b) Guardrail and Fence Repair. The required lighting level shall be provided by mounting a minimum of one balloon light to each piece of mobile construction equipment used in the work zone. This would include all machines but not include trucks used to transport materials and personnel or other vehicles that are continuously moving in and out of the work zone. The headlights of construction equipment shall not be operated within the work zone.
- (c) Pavement Marking and Raised Reflective Pavement Marker Removal/Installation. The striping truck and the attenuator/arrow board trucks may by operated by headlights alone; however, additional lighting may be necessary for the operator of the striping truck to perform the work.
 - For raised reflective pavement marker removal and installation and other pavement marking operations where workers are on foot, the required lighting level shall be provided at each truck and piece of equipment.
- (d) Layout, Testing, and Inspection. The required lighting level shall be provided for each active area of construction layout, material testing, and inspection. The work area shall be defined as 15 ft (7.6 m) in front and back of the individual(s) performing the tasks.

Nighttime Work Zone Lighting will not be paid for as a separate item, but the cost shall be considered as included in the contract unit prices for the construction items involved, and no additional compensation will be allowed.

TRAFFIC CONTROL DEFICIENCY DEDUCTION FOR PEDESTRIAN BARRIER AND GUARDRAIL REPAIR

To ensure a prompt response to incidents involving the integrity of the work zone traffic control devices, the Contractor shall provide a telephone number where a responsible individual can be contacted on a 24-hour-a-day basis. When the Engineer is notified or determines a deficiency exists, the Engineer shall be the sole judge as to whether the deficiency is an immediate safety When workers are present, the Contractor shall make needed corrections of deficiencies that constitute an immediate safety hazard within 15 minutes of notification. At all other times, the Contractor shall dispatch sufficient resources within 2 hours of notification to make needed corrections of deficiencies that constitute an immediate safety hazard. Other deficiencies shall be corrected within I2 hours. If the Contractor fails to restore the required traffic control and protection within the time limits specified above, the Engineer will impose a daily monetary deduction for each 24-hour period (or portion thereof) the deficiency exists. This time period will begin with the time of notification to the Contractor and end with the Resident Engineer's acceptance of the corrections. For this project, the daily deduction will be * per day per deficiency. In addition, if the Contractor fails to respond, the Engineer may correct the deficiencies and the cost thereof will be deducted from monies due or which may become due the Contractor. This corrective action will in no way relieve the Contractor of his/her contractual requirements or responsibilities.

*The cost of the daily deduction will be calculated by dividing three percent of the awarded contract price by the number of calendar days anticipated for this project. The number of days anticipated for this project is 128. This procedure is to be followed regardless of whether the contract is based upon working days, contains a completion date, or has an incentive/disincentive clause.

NOTIFICATION OF STATE ELECTRICAL MAINTENANCE CONTRACTOR

The Contractor prior to the commencement of his work, shall notify the State Electrical Maintenance Contractor of his intent to perform this work. Upon request from the Contractor, the State Electrical Maintenance Contractor will locate any State-buried cable, conduit or other electrical facility which may interfere with the Contractor's operations, without charge to him.

Should any damage occur to any State electrical facility through the Contractor's operations, the Contractor shall report the known or suspected damage to the State Maintenance Contractor and the Engineer. If repairs are needed, the Engineer will authorize the Electrical Maintenance Contractor to effect repairs. All repairs or replacement of damaged equipment shall conform to the requirements of the original installation.

The Electrical Maintenance Contractor shall invoice the Contractor directly for the cost of the repair. A copy of this invoice shall be forwarded to the Engineer. Final payment of the contract shall not be processed until a release from the Electrical Maintenance Contractor is furnished to the Engineer.

No extra compensation shall be allowed the Contractor for compliance with these requirements or for any expense incurred to effect repairs to damaged electrical facilities.

KEEPING THE EXPRESSWAY OPEN TO TRAFFIC

The Contractor shall not park any equipment or vehicles unnecessarily on the shoulder. Whenever work is in progress adjacent to the traveled way, the Contractor shall provide necessary traffic control signs to warn the public and protect the work site as required herein or as provided in the Standards. The Contractor shall remove all equipment from the shoulder and median after working hours every day of the week. Also, the contractor's personnel shall be prohibited from crossing the roadway and all pedestrian movements on the Freeway will be limited to barricaded areas.

The Contractor shall request and gain approval from the Illinois Department of Transportations' Expressway Traffic Operations Engineer (847-705-4151) twenty-four (24) hours in advance of all daily lane, ramp and shoulder closures and seventy-two (72) hours in advance of all permanent closures on all Freeways and/or Expressways in District One.

One lane closures and shoulder closures will **NOT** be permitted during the hours listed on the table for LANE CLOSURE HOUR RESTRICTIONS.

All daily lane closures shall be removed during adverse weather conditions such as rain, snow and/or fog and as determined by the Engineer.

Additional lane closure hour restrictions may have to be imposed to facilitate the flow of traffic to and from major sporting events and/or other events. Major construction projects may also require additional restrictions on some expressways. The Contractor will be expected to make the authorized repairs during the hours permitted by the Bureau of Traffic and the cost of complying with this requirement shall be included in the various items.

All lane closure signs shall not be erected any earlier than one-half (1/2) hour before the starting hours listed above. Also, these signs should be taken down within one-half (1/2) hour after the closure is removed.

The Contractor will be required to cooperate with all other contractors when erecting lane closures on the expressway. All lane closures within one (1) mile of each other in one direction of the expressway shall be on the same side of the pavement and any lane closure within a half (1/2) mile of each other should be connected. The maximum length of any lane closure on the project and combined with any adjacent projects shall be three (3) miles. Gaps between successive permanent lane closures shall be no less than two (2) miles in length.

Private vehicles shall not be parked in the work zone. Contractor's equipment and/or vehicles shall not be parked on the shoulders or in the median during non-working hours. The parking of equipment and/or vehicles on State right-of-way will only be permitted at the locations approved by the Engineer.

LANE CLOSURE HOUR RESTRICTIONS

Expressway	Limits	Type of Closure	Day of Week	*DOT	Hours that Closures are not Permitted	
Stevenson	Lake Shore Dr to County Line Rd		Mon-Fri Sat & Sun		5:00AM-9:00AM	3:00PM-8:00PM 2:00PM-8:00PM
	Lake Shore Dr to Cicero Ave	One Lane	Mon-Fri		5:00AM-8:00PM	
	County Line Rd	One Lane		In Out	5:00AM-10:00AM 5:00AM-9:00AM	3:00PM-8:00PM 2:00PM-8:00PM
I-55	County Line Rd to I 80	One Lane	Mon-Fri		5:00AM-9:30AM	2:00PM-8:00PM
Dan Ryan	I-290 to 99th St	Shoulder	Mon-Fri		5:00AM-9:00AM	3:00PM-8:00PM
	I-290 to 31st St & 66th St to 99th St	One Lane	Mon-Fri		5:00AM-8:00PM	
	31st St to 66th St (Locals)	One Lane or ½ Ramp	Mon-Fri	In Out	5:00AM-10:00AM 6:00AM-8:30AM	2:00PM-8:00PM 1:00PM-9:00PM
Bishop Ford	99th St to 142nd St	Shoulder One Lane	Mon-Fri Mon-Fri Sat & Sun	In Out	5:00AM-9:00AM 5:00AM-10:00AM 5:00AM-9:00AM	3:00PM-8:00PM 3:00PM-8:00PM 2:00PM-8:00PM 2:00PM-8:00PM
	142nd to 175th St	Shoulder One Lane	Mon-Fri	In Out In Out	5:00AM-9:00AM 3:00PM-8:00PM 5:00AM-10:00AM 2:00PM-8:00PM	
			Sat & Sun			3:00PM-8:00PM
Kingery	State Line to Calumet	Shoulder One Lane	Mon-Fri Mon-Sun		5:00AM-9:00AM 5:00AM-8:00PM	3:00PM-7:30PM
I-57	99th St to 147th St	Shoulder	Mon-Fri		5:00AM-9:00AM	3:00PM-7:00PM
		One Lane	Mon-Fri	In Out	5:00AM-10:00AM 6:00AM-9:00AM	3:00PM-7:00PM 2:00PM-8:00PM
	147th St 175th St	One Lane		In Out	5:00AM-9:00AM 3:00PM-7:00PM	
Edens	Junction to Clavey	Shoulder One Lane	Mon-Fri Mon-Fri Sat & Sun	In Out	5:00AM-9:00AM 5:00AM-10:00AM 5:00AM-9:00AM	3:00PM-7:30PM 3:00PM-8:00PM 2:00PM-8:00PM 2:00PM-8:00PM
Kennedy	I-290 to Mannheim	Shoulder	Mon-Fri		5:00AM-9:00AM	3:00PM-8:00PM
	I-290 to Montrose	One Lane	Mon-Sun		5:00AM-8:00PM	
	Montrose Mannheim	One Lane			5:00AM-9:00PM	
Eisenhower	Wells to Central & Roosevelt Rd Extension	Shoulder One Lane	Mon-Fri Mon-Fri Sat & Sun	In Out	5:00AM-9:00AM 5:00AM-10:00AM 5:00AM-9:00AM	3:00PM-8:00PM 2:00PM-8:00PM 1:00PM-8:00PM 10:00AM-8:00PM
	Central to ILL 83	Shoulder One Lane	Mon-Fri		5:00AM-9:00AM 5:00AM-9:00PM	3:00PM-8:00PM

LANE CLOSURE HOUR RESTRICTIONS (Cont.)

Expressway	Limits	Type of Closure	Day of Week	*DOT	Hours that Closures are not Permitted	
	ILL 83 to ILL 68		Mon-Fri Mon-Fri Sat & Sun	In	5:00AM-9:00AM 5:00AM-10:00AM 5:00AM-10:00AM	3:00PM-8:00PM 2:00PM-8:00PM 2:00PM-8:00PM 3:00PM-8:00PM
Elgin-O'Hare	Rohlwing-Lake (ILL 53-US 20)	Shoulder/ One Lane	Mon-Fri		5:00AM-10:00AM 5:00AM-9:00AM	3:00PM-8:00PM 2:00PM-8:00PM

*DIRECTION OF TRAVEL IN = All direction of travel towards the City of Chicago.

OUT = All direction of travel away from the City of Chicago.

TRAFFIC CONTROL STANDARDS ADJACENT TO MEDIANS AND SHOULDERS

Standard 701006 is used where at any time, any vehicles, equipment, workers or their activities will encroach in the area closer than 15 feet but not closer than 2 feet to the edge of pavement.

Standard 701101 is used where at any time, any vehicles, equipment, workers or their activities will encroach in the area closer than 15 feet up to the edge of pavement. When the work area is in a median and where at any time, any vehicles, equipment, workers or their activities will also encroach in the area closer than 15 feet to the edge of pavement for opposing traffic, additional signs shall be placed for opposing traffic according to Standard 701101.

CONTRACTOR'S RESPONSIBILITY FOR DAMAGE TO EXISTING STRUCTURES

Extreme care shall be exercised when driving posts since there are drainage structures, storm sewers, sign foundations, culverts, electrical and surveillance conduit, and other existing objects within the immediate work limits of this project. Operations are to be conducted in a manner which will minimize damage to the surrounding area.

The Contractor shall be held responsible for any damage to existing structures resulting from his operations. The Contractor shall, at his own expense, restore the damaged structures to a condition equal to that existing before such damaged was done by repairing, rebuilding or replacing it as directed by the Engineer. Where, in the opinion of the Engineer, the Contractor through his operations has excessively damaged the surrounding area, the Contractor shall restore the surrounding area to a condition meeting the satisfaction of the Engineer at his own expense.

No extra compensation will be allowed the Contractor for compliance with this requirement.

THE CONTRACTOR'S LIABILITY

The trees, shrubs and seeded areas on or adjacent to the work should be protected from unnecessary damage by the Contractor's operations in a manner satisfactory to the Engineer.

The Contractor shall be responsible for the damage or destruction of property of any character resulting from neglect, misconduct, or omission in the execution or non-execution of the work, or caused by defective work or the use of unsatisfactory materials. Such responsibilities shall not be released until the work has been completed and accepted in accordance with the requirements of these Special Provisions.

Damage to any property, public or private, shall be repaired by the Contractor to a condition equivalent to its original condition at no cost to the Department.

PROTECTION FOR DAMAGED LOCATIONS

The Contractor shall be required to install and maintain barricades with flashing lights at priority locations that have not been repaired within (7) seven calendar days after the date of the issuance of the work order.

The Department will initially have barricades installed at the priority locations and the Contractor will have the option to assume the cost of these rented barricades after the (7) seven days referred to above or have the barricades replaced with others. If the Contractor fails to exercise either of the above options, he shall be liable to the Department in the amount of \$1.00 per barricade per day, not as a penalty but as liquidated damages.

REMOVAL OR REPAIR OF GUARDRAIL

No guardrail shall be removed from State right-of-way under this contract unless each section to be removed is clearly marked for removal. A representative of the Department of Transportation will paint an "X" on each piece of guardrail to be removed. The type and quantity of each piece so marked will be listed on a work order. This work order, when issued to the Contractor by a State Representative, will be authorization for the removal or repair of the guardrail.

Material removed from State right-of-way will be disposed of by the Contractor outside the right-of-way limits at locations provided by him. None of this material shall be reused on this project. The removal, transportation and storage of material removed from the State right-of-way under this contract will not be paid for separately, but the cost thereof shall be included in the contract unit price for replacement items.

New material shall conform to the dimensions and shapes of the material to be replaced except as noted, and shall meet the requirements as specified under each item in these Special Provisions and on the plans. Damaged guardrail that has been removed shall be totally and completely replaced on the same day that it has been removed.

Any ground bituminous material adjacent to a concrete footing, which is removed or disturbed during the removal operations shall be restored to its original condition and to the satisfaction of the Engineer after the work has been completed. This restoration will not be paid for separately but shall be considered incidental to this item of work.

After the work is completed, the Contractor shall mark a rail element plate in the repair area using a paint stick with the work order number and date of repairs.

Immediately after the specified repairs have been made, all nut, bolts, washers, posts, rail elements and any other guardrail components, damaged or undamaged, which are to be scrapped, shall be completely removed from the State right-of-way. Failure to do so will be cause for rejection of work.

The Contractor shall install and maintain a minimum of two Type I or Type II Barricades with flashing warning lights for each direction of traffic per damaged location. Additional barricades will be required for each additional length of 25 feet of damaged guardrail per direction of traffic or as directed by the Engineer.

The cost of furnishing, installing, maintaining and removal of the Type I or Type II Barricades will not be paid for separately, but shall be included in the contract unit bid price for the pay items involved.

VERTICAL ADJUSTMENT OF GUARDRAIL POST

This work consists of adjusting existing steel plate beam guardrail vertically to the height shown in the plans at locations determined and marked by the Engineer. It may be necessary for the Contractor to loosen and/or remove and replace the rail elements in order to adjust the guardrail to the required elevation.

Steel plate beam guardrail to be adjusted vertically will be measured per each guardrail post adjusted vertically.

<u>Basis of Payment:</u> This work will be paid for at the contract unit price each for GUARDRAIL POST-VERTICAL ADJUSTMENT, measured as specified.

FURNISHING AND INSTALLING RAIL ELEMENT PLATES

This work consists of removing all sections of damaged rail element plates including all associated hardware, and furnishing and installing new 12-gauge guardrail elements including all necessary hardware where directed by the Engineer. Plates, nuts, bolts, washers and other hardware shall be galvanized and shall match the original and adjacent installation as to type and design.

The Contractor shall adjust and realign existing rail element plates adjacent to rail elements removed and replaced as directed by the Engineer. Unbolting, bolting, adjusting, realigning or any other work necessary to accomplish the desired realignment shall be considered incidental to "Furnishing and Installing Rail Element Plates".

The furnishing and installing of all bolts, nuts, washers and other hardware necessary to comply with the above mentioned Special Provision will not be paid for separately, but shall be included in the contract unit bid price for the pay items involved.

<u>Method of Measurement</u>: In order to clarify measurement and payment for work, the standard length of rail element plate shall be considered to be 12'-6". In the event existing damaged rail element plates to be removed and replaced measures 25 feet in length, they shall be considered as two (2) rail element plates of standard 12'-6" length.

<u>Basis of Payment:</u> This work shall be paid for at the contract unit price each for "FURNISHING AND INSTALLING RAIL ELEMENT PLATES".

FURNISHING AND INSTALLING RADIUS RAIL ELEMENT PLATES

This work consists of removing all sections of damaged rail element plates including all associated hardware, and furnishing and installing new 12-gauge guardrail curved elements including all necessary hardware where directed by the Engineer. Plates, nuts, bolts, washers and other hardware shall be galvanized and shall match the original and adjacent installation as to type and design.

The Contractor shall adjust and realign existing rail element plates adjacent to rail elements removed and replaced as directed by the Engineer. Unbolting, bolting, adjusting, realigning or any other work necessary to accomplish the desired realignment shall be included in the contract unit bid price for "Furnishing and Installing Radius Rail Element Plates".

The furnishing and installing of all bolts, nuts, washers and other hardware necessary to comply with the above mentioned Special Provision will not be paid for separately, but shall be considered included in the contract unit bid price for the pay items involved.

The guardrail element plates will be factory fabricated to the radius of curvature necessary to match the existing guardrail configuration or as specified by the Engineer.

In order to clarify measurement and payment for work, the standard length of radial rail element plate shall be considered to be 12'-6". In the event existing damaged rail element plates to be removed and replaced measures 25 feet in length, they shall be considered as two (2) rail element plates of standard 12'-6".

If any portion of a standard 12'-6" rail element plate is factory fabricated to a radial shape the rail element plate shall be paid as one Radius Element Plate each.

<u>Basis of Payment:</u> This work shall be paid for at the contract unit price per each for "FURNISHING AND INSTALLING RADIUS RAIL ELEMENT PLATES".

FURNISHING AND SETTING STEEL POSTS, MODIFIED

This work consists of removing the post which is to be replaced, unbolting the rail elements, and furnishing and setting a new post. The replacement posts, 4" X 6" WF steel with welded base plate, shall conform to the length, size and type of the original installation of single or double faced steel plate beam guardrail. Posts mounted on an existing culvert shall be replaced in accordance with the applicable portions of Standard 630101 or as directed by the Engineer. Sheared bolts shall be replaced in kind. Replacement of sheared bolts, concrete work around the bolts, and any culvert cover fill removal and replacement will not be paid for separately, but shall be considered incidental to the contract unit price for furnishing and setting steel posts, modified. New steel posts and base plates shall be galvanized after fabrication, and shall match the configuration of the existing installation.

This work shall also include attaching posts to culvert head walls, decks, or retaining walls and shall include any and all port sizes, attachment configurations, methods, or hardware which may be necessary to conform to existing conditions and wall shapes.

<u>Basis of Payment:</u> This work shall be paid for at the contract unit price each for "FURNISHING AND SETTING STEEL POSTS, MODIFIED".

FURNISHING AND INSTALLING SINGLE END SECTIONS

This work consists of removing damaged single end sections along with all nuts, bolts, washers and other hardware connected with the damaged end sections as directed by the Engineer and furnishing and installing new 12-gauge end sections, all nuts, bolts, washers and other hardware necessary for the installation of the single end sections on single element guardrail. The end sections are to match the existing and adjacent guardrail as to type and design and are to be galvanized to conform with the original and adjacent installation. Refer to Standard 630001.

The furnishing and installing of all bolts, nuts, washers and other hardware necessary to comply with the above mentioned Special Provision will not be paid for separately, but shall be included in the contract unit bid price for the pay items involved.

<u>Basis of Payment:</u> This work shall be paid for at the contract unit price each for "FURNISHING AND INSTALLING SINGLE END SECTIONS".

FURNISHING AND INSTALLING RETURN END SECTIONS

This work consists of removing damaged return end sections along with all nuts, bolts, washers and other hardware connected to the damaged end sections as directed by the Engineer and furnishing and installing new 12-gauge end sections, all nuts, bolts, washers and other hardware necessary to the installation of return end section on double element guardrail. The end sections are to match the existing and adjacent guardrail as to type and design and are to be galvanized to conform with the original and adjacent installation. Refer to Standard 631021.

The furnishing and installing of all bolts, nuts, washers and other hardware necessary to comply with the above mentioned Special Provision will not be paid for separately, but shall be included in the contract unit bid price for the pay items involved.

<u>Basis of Payment:</u> This work will be paid for at the contract unit price each for "FURNISHING AND INSTALLING RETURN END SECTIONS".

FURNISHING AND INSTALLING CONNECTING END SECTIONS

(Varied Types - Refer to Standard 631046)

This work consists of removing damaged end sections and furnishing and installing new end sections that are connected to an existing concrete structure. Replacing anchor bolts and concrete repairs when required, and all nuts, bolts, washers and other hardware, will be

incidental to this item. Other components such as posts and rail elements at the work location, if damaged, will be replaced and paid for in accordance with the provisions in this contract for similar items. All work and material will be in conformity with applicable plans and specifications in this contract.

<u>Basis of Payment:</u> This work will be paid for at the contract unit price each for "FURNISHING AND INSTALLING CONNECTING END SECTIONS".

FURNISHING AND INSTALLING BRIDGE RAIL

This work shall consist of furnishing and installing Bridge Rail and Bridge Rail Posts according to Section 509 of the Standard Specifications and the following:

This work consists of removing all sections of damaged bridge rail and bridge rail posts including all associated hardware, and furnishing and installing new bridge rail and bridge rail posts including all necessary hardware where directed by the Engineer. Plates, nuts, bolts, washers and other hardware shall be galvanized and shall match the original and adjacent installation as to type and design.

The Contractor shall adjust and realign existing bridge rail adjacent to rail elements removed and replaced as directed by the Engineer. Unbolting, bolting, adjusting, realigning or any other work necessary to accomplish the desired realignment shall be considered incidental to "Furnishing and Installing Bridge Rail".

The furnishing and installing of all bolts, nuts, washers and other hardware necessary to comply with the above mentioned Special Provision will not be paid for separately, but shall be included in the contract unit bid price for the pay items involved.

<u>Basis of Payment:</u> This work shall be paid for at the contract unit price each for "FURNISHING AND INSTALLING BRIDGE RAIL".

FURNISHING AND SETTING STEEL POSTS

This work consists of removing the damaged guardrail posts (6'-9" or 7'-6" in length) and replacement with new W6 X 9 or W6 X 8.5 or "C" shape steel posts, whichever length conforms with the present installation of single, thrie-beam or double faced steel plate beam guardrail being repaired and in accord with the standards shown.

The 7'-6" long posts are designed for use at the top of slopes steeper than 3:1 and where single or double beams and channels are to be mounted 2'-6-1/2" above ground level, as measured to the top of the rail.

New steel posts shall be galvanized to match the existing installation. All work shall conform with applicable standards and as directed by the Engineer.

Also, included in this item is any and all hard digging that may be necessary due to (but not limited to), buried utility proximity, and also the coring of an appropriate size hole through Portland Cement Concrete (but not limited to), bituminous concrete or other hard finished surface.

<u>Basis of Payment:</u> This work shall be paid for at the contract unit price each for "FURNISHING AND SETTING STEEL POSTS".

REALIGNING POSTS

At designated locations of steel plate beam guardrail where the existing undamaged posts can be realigned and restored to the proper alignment without removing said posts from the ground, the posts shall be so plumbed and realigned by a method which does not require the pulling of the posts out of the existing post holes. The posts shall be straightened with their front faces on the line shown on the plans, or as ordered by the Engineer and with their tops and bolt holes at the correct height so that the rail element plates bolted to them will be parallel to the surface of the shoulder.

The work as described under this Special Provision entitled "Realigning Posts" shall be included in the contract unit bid price for the pay items involved.

REMOVING AND RESETTING POSTS

This work consists of unbolting rail elements, removing and resetting existing undamaged steel plate beam guardrail posts to the proper alignment and elevation, including excavating and backfilling and refastening all loosened rail elements, all in accordance with the applicable portions of the Standard Specifications at locations directions by the Engineer.

The reset posts shall be in accordance with Standard 630001 and as approved by the Engineer.

<u>Basis of Payment:</u> This work shall be paid for at the contract unit price each for "REMOVING AND RESETTING POSTS".

FURNISHING AND INSTALLING SPLICE PLATE 12"

This work consists of removing damaged splice plates (Plate "A", Standard 630001), furnishing and installing new splice plates and all nuts, bolts and hardware necessary thereto as directed by the Engineer.

The splice plates will not be paid for separately, but shall be included in the contract unit bid price for "Furnishing and Installing Rail Element Plates".

FURNISHING AND INSTALLING GUARDRAIL CHANNEL

This work consists of removing the damaged channel which is being replaced and furnishing and installing the new 6'-8.2# X 12'-6" channel where directed by the Engineer to conform with the present installation of steel plate beam guardrail including any new bolts or hardware needed to complete the work

<u>Method of Measurement</u>: In order to clarify measurement and payment for work, the standard length of guardrail channel shall be considered to be 12'-6". In the event existing damaged guardrail channel to be removed and replaced measures 25 feet in length, they shall be considered as two (2) guardrail channels of standard 12'-6" length.

<u>Basis of Payment:</u> This work will be paid for at the contract unit prices each for "FURNISHING AND INSTALLING GUARDRAIL CHANNEL".

FURNISH AND SET STEEL POSTS, SPECIAL

This work consists of removing posts set in concrete, unbolting the rail elements, and furnishing and setting a new post in Portland Cement.

Also, included in this item is any and all hard digging that may be necessary due to (but not limited to), buried utility proximity, and also the coring of an appropriate size hole through Portland Cement Concrete (but not limited to), bituminous concrete or other hard finished surface.

Where existing damaged posts are set in concrete the Contractor shall remove the damaged post and concrete, dig or auger a new hole twelve (12) inches in diameter, thirty (30) inches deep, and set a new W6 X 9 or W6 X 8.5 or "C" Shaped Steel post of the same length as that removed in concrete on the same alignment and at the proper height to coincide with the adjacent and adjoining guardrail. New steel posts shall match the existing installation.

Where existing damaged posts are <u>not</u> set in concrete and are <u>shorter</u> than the length specified in the appropriate standard due to impervious material or underground utilities encountered, the new steel posts shall be set in concrete in accord with the details as shown in Standard 630001 and at the proper height to coincide with the adjacent guardrail. New steel posts shall match the existing installation.

<u>Basis of Payment:</u> This work shall be paid for at the contract unit price each for "FURNISHING AND SET STEEL POSTS, SPECIAL".

FURNISHING AND INSTALLING GUARDRAIL BLOCKS

This work consists of removing and replacing existing damaged guardrail block-outs including unbolting and re-bolting rail elements including thrie beam rail elements, bolts, nuts, washers and other accessories to be replaced.

Replacement block-outs shall be the same dimensions as the existing damaged block-outs and shall conform to the details and standards included in the plans.

The guardrail block-outs used as replacements at locations of STEEL PLATE BEAM GUARDRAIL SPECIAL, shall be untapered block-outs as shown in the detail included in the plans.

<u>Basis of Payment:</u> This work shall be paid for at the contract unit price each for FURNISHING AND INSTALLING GUARDRAIL BLOCKS.

FURNISHING AND INSTALLING TRAFFIC BARRIER TERMINAL TYPE 1, NOSE

This work consists of removing and disposing of the damaged nose piece and related hardware holding it in place and installing a new nose as directed by the Engineer. If the Engineer determines damage has occurred to other portions of the traffic barrier terminal, the pay item for Furnishing and Installing Traffic Barrier Terminal Type 1, Special will be used. This item shall also include the furnishing and installing of a Direct Applied Reflectorized Terminal Marker which shall comply with the applicable portions of the contract special provisions for GUARDRAIL DELINEATION and the plans.

<u>Basis of Payment:</u> This work will be paid for at contract unit price each for FURNISHING AND INSTALLING TRAFFIC BARRIER TERMINAL TYPE 1, NOSE.

FURNISHING AND INSTALLING TRAFFIC BARRIER TERMINAL TYPE 1B

This work consists of furnishing and installing all new component parts for Traffic Barrier Terminal Type 1B in accordance with of the Standard Specifications, and all of the requirements of the standards. This item will be used primarily at locations adjacent to existing fill slopes. All earth work (excavating and backfilling) and seeding shall not be paid for separately, but shall be included in the contract unit bid price for the pay items involved.

Included in this item is the complete removal of an existing damaged or undamaged terminal section having a length of approximately twenty-five (25) feet, where the rail element is twisted 90, terminating at an end post flush with the ground. All posts, rail element plates and related components of the existing terminal section, including the steel end post, shall be removed.

The existing steel end post encountered may be set in a concrete anchor or may have been driven in accord with the alternate requirements permissible at the time of the guardrail installation. In the event a concrete anchor is encountered, said concrete anchor shall be completely removed. After the concrete anchor is removed, the remaining hole shall be filled with sand or other suitable material approved by the Engineer.

Also included in this item is the complete removal of an existing damaged Traffic Barrier Terminal Type 1 or 1A. The Engineer will make this determination and inform the Contractor prior to commencing repairs.

The Contractor shall adjust and realign existing rail element plates and posts adjacent to the new traffic barrier terminal, as directed by the Engineer. Unbolting, bolting, adjusting, realigning, guardrail removal, or any other work necessary to accomplish the desired realignment shall be included in the contract unit bid price for the pay items involved.

<u>Basis of Payment:</u> This work will be paid for at the contract unit price each for "FURNISHING AND INSTALLING TRAFFIC BARRIER TERMINAL TYPE 1B".

FURNISHING AND INSTALLING TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL

This work shall consist of furnishing and installing Traffic Barrier Terminal Type 1, Special of the type specified by the Engineer according to Section 631 of the Standard Specifications and the following:

All Terminals shall meet the testing criteria contained in the National Cooperative Highway Research Program (NCHRP) Report 350 and be approved by the Department.

The terminal shall be installed according to the manufacturer's specifications and shall include all necessary transitions between the terminal and the item to which it is attached.

The terminals shall follow the manufacturer's specifications for installation as to type and number of posts, foundation tubes, and soil plates.

The terminal section shall provide a minimum length of need of 37.5 ft (11.4 m).

Included in this item is the complete removal of an existing damaged or undamaged terminal section having a length of approximately fifty (50) feet, where the rail element is twisted 90, terminating at an end post flush with the ground. All posts, rail element plates and related components of the existing terminal section, including the steel end post, shall be removed. The existing steel end post encountered may be set in a concrete anchor or may have been driven in accord with the alternate requirements permissible at the time of the guardrail installation. In the event a concrete anchor is encountered, said concrete anchor shall be completely removed. After the concrete anchor is removed, the remaining hole shall be filled with sand or other suitable material approved by the Engineer.

Also included in this item is the complete removal of an existing damaged or undamaged Traffic Barrier Terminal Type 1, Traffic Barrier Type 1A, Traffic Barrier Terminal Type 1, Special and any guardrail necessary to accommodate the new Traffic Barrier Terminal Type 1, Special. The Engineer will make this determination and inform the Contractor prior to commencing repairs. All old posts shall be removed and the remaining holes shall be filled with sand or other suitable material approved by the Engineer.

The Contractor shall adjust and realign existing rail element plates and posts adjacent to the new traffic barrier terminal, as directed by the Engineer. Unbolting, bolting, adjusting, realigning, guardrail removal, or any other work necessary to accomplish the desired realignment shall be included in the contract unit bid price for the pay items involved.

This item shall also include the furnishing and installing of a Direct Applied Reflectorized Terminal Marker which shall comply with the applicable portions of the contract special provisions for GUARDRAIL DELINEATION and as shown in the plans and shall be included in the contract unit bid price for the pay items involved.

Basis of Payment: This work shall be paid for at the contract unit price each for "FURNISHING AND INSTALLING TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT) and for FURNISHING AND INSTALLING TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (FLARED)".

When concrete is encountered poured around terminal posts, any additional work required in removing existing posts or installing new ones shall be paid for by using the item "Furnish and Set Steel Posts, Special" as described elsewhere in these special provisions and as specified by the Engineer.

FURNISHING AND INSTALLING TRAFFIC BARRIER TERMINAL TYPE 2

This work consists of furnishing and installing all new component parts for Traffic Barrier Terminal Type 2 in accordance with of the Standard Specifications, and all of the requirements of the standards, at the locations as specified by the Engineer. It shall also include a radius installation.

Included in this item is the complete removal of an existing damaged or undamaged terminal section having a length of approximately twenty-five (25) feet, where the rail element is twisted 90, terminating at an end post flush with the ground. All posts, rail element plates and related components of the existing terminal section, including the steel end post, shall be removed. The existing steel end post encountered may be set in a concrete anchor or may have been driven in accord with the alternate requirements permissible at the time of the guardrail installation. In the event a concrete anchor is encountered, said concrete anchor shall be completely removed. After the concrete anchor is removed, the remaining hole shall be filled with sand or other suitable material approved by the Engineer.

Also included in this item is the complete removal of an existing damaged Traffic Barrier Terminal Type 2. The Engineer will make this determination and inform the Contractor prior to commencing repairs.

The Contractor shall adjust and realign existing rail element plates and posts adjacent to the new traffic barrier terminal, as directed by the Engineer. Unbolting, bolting, adjusting, realigning, or any other work necessary to accomplish the desired realignment shall be included in the contract unit bid price for the pay items involved.

<u>Basis of Payment:</u> This work shall be paid for at the contract unit price each for "FURNISHING AND INSTALLING TRAFFIC BARRIER TERMINAL TYPE 2".

When concrete is encountered poured around terminal posts, any additional work required in removing existing posts or installing new ones shall be paid for by using the item "Furnish and Set Steel Posts, Special" as described elsewhere in these special provisions and as specified by the Engineer.

FURNISHING AND INSTALLING TRAFFIC BARRIER TERMINAL TYPE 3, SPECIAL

This work shall consist of furnishing and installing traffic barrier terminals according to Section 631 of the Standard Specifications and the following.

Terminals shall be designed for bidirectional impacts and shall meet the testing criteria contained in National Cooperative Highway Research Program (NCHRP) Report 230 for terminal tested prior to May 16, 1994 or Report 350 for terminals tested after that date, and will have been approved by the Department.

The terminal shall be installed according to the manufacturer's specifications and shall include all necessary transitions between the terminal and the time to which it is attached.

The Contractor may, without additional compensation, use the C.A.T. Impact Attenuating System by Syro Steel Company, QuadGuard by Energy Absorption Systems, Inc., REACT 350, or an approved equivalent may be used.

Included in this item is the complete removal of an existing damaged or undamaged, single or double rail terminal section having a length of approximately twenty-five (25) feet, where the rail element is twisted 90, terminating at an end post flush with the ground. All posts, rail element plates and related components of the existing terminal section, including the steel end post, shall be removed. The existing steel end post encountered may be set in a concrete anchor or may have been driven in accord with the alternate requirements permissible at the time of the guardrail installation. In the event a concrete anchor is encountered, said concrete anchor shall be completely removed. After the concrete anchor is removed, the remaining hole shall be filled with sand or other suitable material approved by the Engineer.

Also included in this item is the complete removal of an existing damaged Traffic Barrier Terminal Type 3, 3A or Traffic Barrier Terminal Type 3, Special. The Engineer will make this determination and inform the Contractor prior to commencing repairs. All posts, rail element plates and related components of the existing terminal section, as well as any length of the guardrail types needed to accommodate the new Traffic Barrier Terminal Type 3 Special, shall be removed.

The Contractor shall adjust and realign existing rail element plates and posts adjacent to the new traffic barrier terminal, as directed by the Engineer. Unbolting, bolting, adjusting, realigning, guardrail removal, or any other work necessary to accomplish the desired realignment shall be included in the contract unit bid price for the pay items involved. This item shall also include the furnishing and installing of two (2) Direct Applied Reflectorized Terminal Markers which shall comply with the applicable portions of the contract special provisions for GUARDRAIL DELINEATION and the plans.

<u>Basis of Payment:</u> This work shall be paid for at the contract unit price each for "FURNISHING AND INSTALLING TRAFFIC BARRIER TERMINAL TYPE 3, SPECIAL".

When concrete is encountered poured around terminal posts, any additional work required in removing existing posts or installing new ones shall be paid for by using the item "Furnish and Set Steel Posts, Special" as described elsewhere in these special provisions and as specified by the Engineer.

FURNISHING AND INSTALLING TRAFFIC BARRIER TERMINAL TYPE 3 SPECIAL, NOSE

This work consists of removing and disposing of the damaged nose piece and related hardware holding it in place and installing a new nose as directed by the Engineer. If the Engineer determines damage has occurred to other portions of the traffic barrier terminal, the pay item for Furnishing and Installing Traffic Barrier Terminal Type 3, Special will be used. This item shall also include the furnishing and installing of two (2) Direct Applied Reflectorized Terminal Markers which shall comply with the applicable portions of the contract special provisions for GUARDRAIL DELINEATION and the plans.

<u>Basis of Payment:</u> This work will be paid for at the contract unit price each for FURNISHING AND INSTALLING TRAFFIC BARRIER TERMINAL TYPE 3 SPECIAL, NOSE.

FURNISHING AND INSTALLING TRAFFIC BARRIER TERMINAL TYPE 6, 5 & 5A

This work consists of furnishing and installing all new component parts for Traffic Barrier Terminal Type 6 in accordance with the Standard Specifications, and all of the requirements of the Standards at the locations as specified by the Engineer.

Also included in this item is the complete removal of an existing damaged or undamaged sub standard, Traffic Barrier Terminal Type 6 or Type 7 and whatever else may be existing. The Engineer will make this determination and inform the Contractor before commencing repairs. All posts, rail element plates and related components of the existing terminal section, as well as any length of the guardrail types needed to accommodate the new Traffic Barrier Type 6, 5 or 5A shall be removed. Included in this item are all shims and blocks required by the Engineer to facilitate proper attachment to structure walls.

The Contractor shall adjust and realign existing rail element plates and posts adjacent to the new traffic barrier terminal, as directed by the Engineer. Unbolting, bolting, adjusting, realigning, guardrail removal, or any other work necessary to accomplish the desired realignment shall be included in the contract unit bid price for the pay items involved. This work shall also include any nonstandard sized or shaped blocks or hardware required to fit existing conditions.

The furnishing and installing of transition plates (Thrie-Beam to "W" Section) and all necessary hardware will not be paid for separately, but shall be included in the cost of "Furnishing and Installing Thrie-Beam Guardrail Element Plates".

<u>Basis of Payment:</u> This work will be paid for at the contract unit price each for "FURNISHING AND INSTALLING TRAFFIC BARRIER TERMINAL TYPE 6, 5 or 5A.

REPAIR TRAFFIC BARRIER TERMINAL TYPE 1

This work consists of removing and replacing damaged components of existing Traffic Barrier Terminal Type 1 in accordance with the applicable portions of the Standard Specifications,

Standard B.L.R. 23, and the plans, at the locations as specified by the Engineer. This item shall be used primarily at locations where existing utility and/or geometrics preclude the upgrading to current standard Traffic Barrier Terminal Type 1, Special.

The Contractor shall adjust and realign existing rail element plates and posts adjacent to the traffic barrier terminal repaired, as directed by the Engineer. Unbolting, bolting, adjusting, realigning or any other work necessary to accomplish the desired realignment shall be included in the contract unit bid price for the pay items involved.

Also included in the contract unit bid price for this item is all earth work (excavating and backfilling) and seeding that may be required to complete this work. This item shall also include the furnishing and installing of a Direct Applied Reflectorized Terminal Markers which shall comply with the applicable portions of the contract special provisions for GUARDRAIL DELINEATION and as shown in the plans and shall be included in the contract unit bid price for the pay items involved.

<u>Basis of Payment:</u> This work will be paid for at the contract unit price each for "REPAIR TRAFFIC BARRIER TERMINAL TYPE 1".

When concrete is encountered poured around terminal posts, any additional work required in removing existing posts or installing new ones shall be paid for by using the item "Furnish and Set Steel Posts, Special" as described elsewhere in these special provisions and as specified by the Engineer.

REPAIR TRAFFIC BARRIER TERMINAL TYPE 1B

This work consists of removing and replacing damaged components of existing Traffic Barrier Terminal Type 1B in accordance with the applicable portions of the Standard Specifications, Standard 631006, and the plans, at the locations as specified by the Engineer.

The Contractor shall adjust and realign existing rail element plates and posts adjacent to the traffic barrier terminal repaired, as directed by the Engineer. Unbolting, bolting, adjusting, realigning or any other work necessary to accomplish the desired realignment shall be included in the contract unit bid price for the pay items involved.

Also included in the contract unit bid price for this item is all earth work (excavating and backfilling) and seeding that may be required to complete this work.

<u>Basis of Payment:</u> This work will be paid for at the contract unit price each for "REPAIR TRAFFIC BARRIER TERMINAL TYPE 1B".

REPAIR TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL

This work consists of removing and replacing all damaged components from the approach nose of the terminal, up to and including the second post and the first 25 feet of rail element plate in accordance with the Standard Specifications and at the locations as specified by the Engineer.

The Contractor shall adjust and realign existing rail element plates and posts adjacent to or within the traffic barrier terminal repaired, as directed by the Engineer. Unbolting, bolting, adjusting, realigning, excavating, filling post holes or any other work necessary to accomplish the desired realignment shall be included in the contract unit bid price for the pay items involved.

This item shall also include the furnishing and installing of a Direct Applied Reflectorized Terminal Marker, if needed, which shall comply with the applicable portions of the contract special provisions for GUARDRAIL DELINEATION and the plans and shall be included in the contract unit bid price for the pay items involved.

The entire 25' rail element plate shall be replaced when an existing rail element plate is damaged. Replacement of the 25' rail element plate shall not be included in the measurement for payment but shall be considered included in the cost of this item. Also included in the cost of this item are cable assemblies, noses and all other hardware.

<u>Basis of Payment:</u> This work will be paid for at the contract unit price per each for REPAIR TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL.

When concrete is encountered poured around terminal posts, any additional work required in removing existing posts or installing new ones shall be paid for by using the item "Furnish and Set Steel Posts, Special" as described elsewhere in these special provisions and as specified by the Engineer.

REPAIR TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL- POST

This work consists of removal and replacement of a damaged post and related hardware of a Traffic Barrier Terminal Type 1 Special in accordance with the Standard Specifications and at the locations as specified by the Engineer.

The Contractor shall adjust and realign existing rail element plates and posts adjacent to the traffic barrier terminal repaired, as directed by the Engineer. Unbolting, bolting, adjusting, realigning or any other work necessary to accomplish the desired realignment shall be included in the contract unit bid price for the pay items involved.

The cost of removing and replacing all damaged components from the approach nose of the terminal, up to and including the second post and the first 25 feet of rail element plate will be paid for separately.

<u>Basis of Payment:</u> This work will be paid for at the contract unit price per each for REPAIR TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL POST.

REPAIR TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL - RAIL ELEMENT PLATE

This work consists of removal and replacement of a damaged 25' rail element plate and related hardware of a Traffic Barrier Terminal Type 1, Special in accordance with the Standard Specifications and at the locations as specified by the Engineer.

The Contractor shall adjust and realign existing rail element plates and posts adjacent to the traffic barrier terminal repaired, as directed by the Engineer. Unbolting, bolting, adjusting, realigning or any other work necessary to accomplish the desired realignment shall be included in the contract unit bid price for the pay items involved.

The cost of removing and replacing all damaged components from the approach nose of the terminal, up to and including the second post and the first 25 feet of rail element plate will be paid for separately.

<u>Basis of Payment:</u> This work will be paid for at the contract unit price per each for REPAIR TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL RAIL ELEMENT PLATE.

REPAIR TRAFFIC BARRIER TERMINAL TYPE 2

This work consists of removing damaged components of existing Traffic Barrier Terminal Type 2 in accord with applicable portions of the Standard Specifications, Standard 631011, and at the locations as specified by the Engineer. This shall also include radius Type 2 locations.

The Contractor shall adjust and realign existing rail element plates and posts adjacent to the traffic barrier terminal repaired, as directed by the Engineer. Unbolting, bolting, adjusting, realigning, excavating or any other work necessary to accomplish the desired realignment shall be included in the contract unit bid price for the pay items involved.

<u>Basis of Payment:</u> This work will be paid for at the contract unit price each for "REPAIR TRAFFIC BARRIER TERMINAL TYPE 2".

When concrete is encountered poured around terminal posts, any additional work required in removing existing posts or installing new ones shall be paid for by using the item "Furnish and Set Steel Posts, Special" as described elsewhere in these special provisions and as specified by the Engineer.

REPAIR TRAFFIC BARRIER TERMINAL TYPE 3, SPECIAL

This work consists of removing damaged components of existing Traffic Barrier Type 3, Special in accord with the Standard Specifications and the locations as specified by the Engineer.

The Contractor shall adjust and realign rail element plates and posts adjacent to the traffic barrier terminal repaired, as directed by the Engineer. Unbolting, bolting, adjusting, realigning, excavating or any other work necessary to accomplish the desired realignment shall be included in the contract unit bid price for the pay items involved. This item shall also include the furnishing and installing of two (2) Direct Applied Reflectorized Terminal Markers which shall comply with the applicable portions of the contract special provisions for GUARDRAIL DELINEATION and the plans.

<u>Basis of Payment:</u> This work will be paid for at the contract unit price each for "REPAIR TRAFFIC BARRIER TERMINAL TYPE 3, SPECIAL".

When concrete is encountered poured around terminal posts, any additional work required in removing existing posts or installing new ones shall be paid for by using the item "Furnish and Set Steel Posts, Special" as described elsewhere in these special provisions and as specified by the Engineer.

REPAIR TRAFFIC BARRIER TERMINAL TYPE 4, 5, 5A, 6 AND 8

This work consists of removing and replacing damaged components of existing Traffic Barrier Terminals Type 5, 6 and 8 in accord with the applicable portions of Section 630 of the Standard Specifications, Standards 631021, 631026, 631031, 631036 and the plans, at the locations as specified by the Engineer.

The Contractor shall adjust and realign existing rail element plates and posts adjacent to the traffic barrier terminal repaired, as directed by the Engineer. Unbolting, bolting, adjusting, realigning, excavating or any other work necessary to accomplish the desired realignment shall be included in the contract unit bid price for the pay items involved. This work shall also include any nonstandard sized or shaped blocks or hardware required to fit existing conditions.

The furnishing and installing of transition plates (Thrie-Beam to "W" Section) and all necessary hardware will not be paid for separately, but shall be included in the cost of "Furnishing and Installing Thrie-Beam Guardrail Element Plates".

<u>Basis of Payment:</u> This work will be paid for at the contract unit price each for "REPAIR TRAFFIC BARRIER TERMINAL", of the type specified.

REPAIR STEEL PLATE BEAM GUARDRAIL TYPE B AND C

This work consists of removing and replacing damaged steel plate beam guardrail Type B and C with all new components according to the applicable portions of the Standard Specifications, Standard 630001 and as directed by the Engineer. This work shall include proper disposal of damaged guardrail.

Steel Plate Beam Guardrail Type B is utilized to stiffen the guardrail as it approaches a more rigid barrier, such as a concrete structure, by utilizing a post spacing of 3'-1-1/2".

In the event the end section that is connected to the concrete structure is damaged, its replacement will be measured and paid for separately as "Furnishing and Installing Connecting End Section" as described elsewhere in these Special Provisions.

Steel Plate Beam Guardrail Type C consists of guardrail mounted on a concrete structure, with block-outs spaced 3'-1-1/2" and anchored to the concrete structure with two unit expansion anchors. Steel posts are not utilized in this installation.

<u>Method of Measurement</u>: Repair Steel Plate Guardrail Type B and Type C will be measured in linear feet. The length paid for will be the overall length measured along the top edge of the rail element to the limits as designated and marked by the Engineer.

<u>Basis of Payment:</u> This work will be paid for at the contract unit price per foot for REPAIR STEEL PLATE BEAM GUARDRAIL, of the type specified.

FURNISHING AND INSTALLING THRIE-BEAM GUARDRAIL ELEMENT PLATES

This work consists of removing damaged Thrie-Beam Guardrail Element Plates, including all associated hardware, and furnishing and installing new Thrie-Beam Guardrail Element Plates, including all necessary hardware and metal blockouts according to the details as shown on the plans and as directed by the Engineer.

The Contractor shall adjust and realign guardrail element plates adjacent to guardrail elements removed and replaced as directed by the Engineer. Unbolting, bolting, adjusting, realigning or any other work necessary to accomplish the desired realignment shall be included in the contract unit bid price for the pay items involved.

The furnishing and installing of transition plates (Thrie-Beam to "W" Section) and all necessary hardware will not be paid for separately, but shall be included in the cost of "Furnishing and Installing Thrie-Beam Guardrail Element Plates".

The furnishing and installing of all bolts, nuts, washers and other hardware necessary to complete the installation will not be paid for separately, but shall be included in the contract unit bid price for the pay items involved.

<u>Method of Measurement</u>: In order to clarify measurement and payment for work, the standard length of thrie-beam guardrail element plates shall be considered to be 12'-6". In the event existing damaged guardrail element plates to be removed and replaced measures 25 feet in length, they shall be considered as two (2) guardrail element plates of standard 12'-6" length.

<u>Basis of Payment:</u> This work shall be paid for at the contract unit price each for "FURNISHING AND INSTALLING THRIE-BEAM GUARDRAIL ELEMENT PLATES", which price shall include realigning adjacent guardrail element plates and/or posts and all associated hardware as specified by the Engineer.

NOTE:

In the event a thrie-beam connecting end section attached to a concrete structure is damaged, the removal, replacement and basis of payment shall be in accordance with the special provisions titled "FURNISHING AND INSTALLING CONNECTING END SECTIONS" found elsewhere in these Special Provisions.

SEEDING

Damage to turf areas shall be repaired as specified for Seeding, Class 2A in the applicable portions of Section 250 of the Standard Specifications with the following requirements:

- The seeding period shall be from August 15th to October 1st, and from April 1st to April 30th.
- Damage occurring after October 1st will be cared for between April 1st and April 30th of the following year.

 This work will not be paid for separately but shall be included in the contract unit bid price for the pay items involved.

FINAL CLEAN-UP

All final clean up shall conform to the requirements set forth in Article 104.06 of the Standard Specifications for Road and Bridge Construction.

This will be required at each location where repair has been completed.

ENGINEER'S FIELD OFFICE

A field office will not be required for this improvement. The Contractor shall furnish a telephone pager and service meeting the approval of the Engineer which shall be included in the contract unit bid price for the pay items involved.

CLEARING

The Contractor is hereby informed and shall understand that at some locations of repairs built up earth and/or debris, water, ice, snow, shrubs, brush, branches, tree limbs, weeds and other vegetation may be encountered that must be removed in order to make the necessary repairs. The clearing of shrubs, brush, branches, limbs, weeds, built up earth and debris, and other vegetation as well as any equipment and labor required to deal with existing water regardless of depth shall be considered included as part of the contract and no additional compensation provided. All work shall be done in a neat and workmanlike manner and to the satisfaction of the Engineer.

SPRAY PAINT AND FLAGGING RIBBON

The Contractor shall furnish the necessary spray paint, paint sticks and flagging ribbon required for the marking of components for removal. The paint and ribbon shall be iridescent red, iridescent orange, or a color as specified by the Engineer. The furnishing of spray paint, paint sticks and flagging ribbon will not be paid for separately and the cost will be included in the contract unit bid price for the pay items involved.

FURNISHING AND SETTING THRIE BEAM POSTS

This work consists of removing the damaged guardrail posts (6'-9" or 7'-6" in length) and replacement with new W6 X 9 or W6 X 8.5 or "C" shape steel posts, whichever length conforms with the present installation of thrie-beam faced steel plate beam guardrail being repaired and in accord with the standards shown.

The 7'-6" long posts are designed for use at the top of slopes steeper than 3:1 and where single or double beams and channels are to be mounted 2'-6-1/2" above ground level, as measured to the top of the rail.

New steel posts shall be galvanized to match the existing installation. All work shall conform with applicable standards and as directed by the Engineer.

<u>Basis of Payment:</u> This work shall be paid for at the contract unit price each for FURNISHING AND SETTING THRIE BEAM POSTS.

FURNISHING AND INSTALLING THRIE-BEAM GUARDRAIL PLATES

This work consists of removing all sections of damaged thrie beam guardrail radius plates including all associated hardware, and furnishing and installing new 12-gauge guardrail curved elements including all necessary hardware where directed by the Engineer. Plates, nuts, bolts, washers and other hardware shall be galvanized and shall match the original and adjacent installation as to type and design.

The Contractor shall adjust and realign existing rail element plates adjacent to rail elements removed and replaced as directed by the Engineer. Unbolting, bolting, adjusting, realigning or any other work necessary to accomplish the desired realignment shall be included in the contract unit bid price for the pay items involved.

The furnishing and installing of all bolts, nuts, washers and other hardware necessary to comply with the above mentioned Special Provision will not be paid for separately, but shall be included in the contract unit bid price for the pay items involved.

The guardrail element plates will be factory fabricated to the radius of curvature necessary to match the existing guardrail configuration or as specified by the Engineer.

In order to clarify measurement and payment for work, the standard length of radial rail element plate shall be considered to be 12'-6". In the event existing damaged rail element plates to be removed and replaced measures 25 feet in length, they shall be considered as two (2) rail element plates of standard 12'-6".

If any portion of a standard 12'-6" rail element plate is factory fabricated to a radial shape the rail element plate shall be paid as one Thrie-Beam Guardrail Radius Plate each.

<u>Basis of Payment:</u> This work shall be paid for at the contract unit price per each for FURNISHING AND INSTALLING THRIE-BEAM GUARDRAIL RADIUS PLATES.

FURNISHING AND INSTALLING THRIE-BEAM MODIFIED BLOCKS

This work consists of removing the damaged block which is being replaced, unbolting the thrie-beam rail element or elements, including thrie-beam rail element or elements, and furnishing and installing a new thrie-beam modified block. The new block shall be as shown in the plans.

All nuts, bolts, washers, and other hardware required shall be included and shall be included in the contract unit bid price for the pay items involved.

<u>Basis of Payment:</u> This work shall be paid for at the contract unit price each for FURNISHING AND INSTALLING THRIE-BEAM MODIFIED BLOCKS.

CURB REMOVAL (PARTIAL)

Included in this work is all related transitional work, grading, shoulder widening, roadside turf restoration and any other work required in advance of and adjacent to traffic barrier terminals to be repaired to comply with all details and standards in the plans.

This work shall consist of the partial depth removal of the existing concrete curb to an elevation 1-1/2 inches above the existing gutter flowline where the existing curb and gutter in advance of and adjacent to the guardrail terminal section repair location has a curb height greater than two (2) inches. This work shall be done according to the applicable portions of Section 440 of the Standard Specifications and according to the details and standards in the plans, at locations for "Furnishing and Installing Traffic Barrier Terminal Type 1 Special", and for "Repair Traffic Barrier Terminal Type 1 Special", and as directed by the Engineer.

The Contractor shall remove the top portion of the existing curb in a manner which will provide a smooth straight line by using a self-propelled cold milling process, a concrete sawing process, or a process approved by the Engineer, and shall have an effective means of preventing dust from escaping into the air.

Any curb and gutter damaged by the Contractor's operations shall be replaced at the Contractor's expense.

<u>Basis of Payment:</u> This work will be paid for at the contract unit price per foot for CURB REMOVAL (PARTIAL).

Traffic barrier terminals shall be repaired in accordance with the details and standards in the plans. Curb removal and all related work in advance of and adjacent to traffic barrier terminals to be repaired that is required to comply with all applicable sections of the standard specifications, the details and standards in the plans shall be paid for as CURB REMOVAL (PARTIAL).

The intent of this contract is to provide prompt repair of damaged guardrail and traffic barrier terminals. The locations of damaged guardrail and traffic barrier terminals to be repaired shall be determined by the Engineer.

SAMPLE WORK ORDER

Illinois Dep of Transpoi	artmen rtation	t G	uardrail Repair Work	Order No.		
e	Prepared	By		Contract		
☐ Cook		, 3	Kane Will	☐ North		
		Mu	inicipality			
				Link	Quantity	
Item	Unit	Quantity	Item	Unit	Quantity	
F&I Rail Ele Plts	Ea		F&I Single End Section			
F&I Radius Ele Pits	Ea		Terminal Marker DA	Ea .		
F&I Gdrl Channel	Ea		Guardrail Marker	Ea .		
F&I Gdrl Blocks	Ea 		Repair Spbgr Ty B	m .		
F&S Steel Posts	Ea		Repair Spbgr Ty C	m .		
F&S Steel Post Mod	Ea		Repair Tr. Bar. Term.			
Gdrl Post Vert Adj	Ea		Repair Tr. Bar. Term.			
Rem & Reset Posts	Ea		Repair Tr. Bar. Term. Repair Tr. Bar. Term.			
Realign Posts	Ea	10.11	Repair Tr. Bar. Term. Repair Tr. Bar. Term.			
F&I Tr. Bar. Term. T1	Ea		Repair Tr. Bar. Term.			
F&I Tr. Bar. Term. T1 No.	Ea o Eo	*	Repair Tr. Bar. Term. Repair Tr. Bar. Term.			
F&I Tr. Bar. Term. T1 Nos	e Ea Ea		Repair Tr. Bar. Term.			
F&I Tr. Bar. Term. T2	_		Repair Tr. Bar. TISPI			
F&I Tr. Bar. Term. T3 Spl	Ea		Repair Tr. Bar. TISPI			
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APPROVAL OF PROPOSED BORROW AREAS, USE AREAS, AND/OR WASTE AREAS INSIDE ILLINOIS STATE BORDERS (BDE)

Effective: November 1, 2008

Revise the title of Article 107.22 of the Standard Specifications to read:

"107.22 Approval of Proposed Borrow Areas, Use Areas, and/or Waste Areas Inside Illinois State Borders."

Add the following sentence to the end of the first paragraph of Article 107.22 of the Standard Specifications:

"Proposed borrow areas, use areas, and/or waste areas outside of Illinois shall comply with Article 107.01."

DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION (BDE)

Effective: September 1, 2000 Revised: November 1, 2008

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

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

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

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

OVERALL GOAL SET FOR THE DEPARTMENT. As a requirement of compliance with 49 CFR part 26, the Department has set an overall goal for DBE participation in its federally assisted contracts. That goal applies to all federal-aid funds the Department will expend in its federally assisted contracts for the subject reporting fiscal year. The Department is required to make a good faith effort to achieve the overall goal. The dollar amount paid to all approved DBE 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. This determination is based on an assessment of the type of work, the location of the work, and the availability of DBE companies to do a part of the work. The assessment indicates that, in the absence of unlawful discrimination, and in an arena of fair and open competition, DBE companies can be expected to perform 3.0% of the work. This percentage is set as the DBE participation goal for this contract. Consequently, in addition to the other award criteria established for this contract, the Department will award this contract to a bidder who makes a good faith effort to meet this goal of DBE participation in the performance of the work. A bidder makes a good faith effort for award consideration if either of the following is done in accordance with the procedures set forth in this Special Provision:

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

<u>DBE LOCATOR REFERENCES</u>. Bidders may consult the 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 web site at www.dot.il.gov.

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

(a) In order to assure the timely award of the contract, the as-read low bidder shall submit a Disadvantaged Business Utilization Plan on Department form SBE 2026 within seven working days after the date of letting. To meet the seven day requirement, the bidder may send the Plan by certified mail or delivery service within the seven working day period. If a question arises concerning the mailing date of a Plan, the mailing date will be established by the U.S. Postal Service postmark on the original certified mail receipt from the U.S. Postal Service or the receipt issued by a delivery service. It is the responsibility of the bidder to ensure that the postmark or receipt date is affixed within the seven working days if the bidder intends to rely upon mailing or delivery to satisfy the

submission day requirement. The Plan is to be submitted to the Department of Transportation, Bureau of Small Business Enterprises, Contract Compliance Section, 2300 South Dirksen Parkway, Room 319, Springfield, Illinois 62764 (Telefax: (217)785-1524). It is the responsibility of the bidder to obtain confirmation of telefax delivery. The Department will not accept a Utilization Plan if it does not meet the seven day submittal requirement and the bid will be declared not responsive. In the event the bid is declared not responsive due to a failure to submit a Plan or failure to comply with the bidding procedures set forth herein, the Department may elect to cause the forfeiture of the penal sum of the bidder's proposal guaranty, and may deny authorization to bid the project if re-advertised for bids. The Department reserves the right to invite any other bidder to submit a Utilization Plan at any time for award consideration or to extend the time for award.

- (b) The Utilization Plan shall indicate that the bidder either has obtained sufficient DBE participation commitments to meet the contract goal or has not obtained enough DBE participation commitments in spite of a good faith effort to meet the goal. The Utilization Plan shall further provide the name, telephone number, and telefax number of a responsible official of the bidder designated for purposes of notification of plan approval or disapproval under the procedures of this Special Provision.
- (c) The Utilization Plan shall include a DBE Participation Commitment Statement, Department form SBE 2025, for each DBE proposed for the performance of work to achieve the contract goal. The signatures on these forms must be original signatures. All elements of information indicated on the said form shall be provided, including but not limited to the following:
 - (1) The name and address of each DBE to be used;
 - (2) A description, including pay item numbers, of the commercially useful work to be done by each DBE;
 - (3) The price to be paid to each DBE for the identified work specifically stating the quantity, unit price, and total subcontract price for the work to be completed by the DBE. If partial pay items are to be performed by the DBE, indicate the portion of each item, a unit price where appropriate and the subcontract price amount;
 - (4) A commitment statement signed by the bidder and each DBE evidencing availability and intent to perform commercially useful work on the project; and
 - (5) If the bidder is a joint venture comprised of DBE 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).
- (d) The contract will not be awarded until the Utilization Plan submitted by the bidder is approved. The Utilization Plan will be approved by the Department if the Plan commits sufficient commercially useful DBE work performance to meet the contract goal. The Utilization Plan will not be approved by the Department if the Plan does not commit sufficient DBE performance to meet the contract goal unless the bidder documents that it

made a good faith effort to meet the goal. The good faith procedures of Section VIII of this special provision apply. If the Utilization Plan is not approved because it is deficient in a technical matter, unless waived by the Department, the bidder will be notified and will be allowed no less than a five working day period in order to cure the deficiency.

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

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

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

- (a) The following is a list of types of action that the Department will consider as part of the evaluation of the bidder's good faith efforts to obtain participation. These listed factors are not intended to be a mandatory checklist and are not intended to be exhaustive. Other factors or efforts brought to the attention of the Department may be relevant in appropriate cases, and will be considered by the Department.
 - (1) Soliciting through all reasonable and available means (e.g. attendance at pre-bid meetings, advertising and/or written notices) the interest of all certified DBE companies that have the capability to perform the work of the contract. The bidder must solicit this interest within sufficient time to allow the DBE companies to respond to the solicitation. The bidder must determine with certainty if the DBE companies are interested by taking appropriate steps to follow up initial solicitations.
 - (2) Selecting portions of the work to be performed by DBE companies in order to increase the likelihood that the DBE goals will be achieved. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate DBE participation, even when the prime Contractor might otherwise prefer to perform these work items with its own forces.
 - (3) Providing interested DBE companies with adequate information about the plans, specifications, and requirements of the contract in a timely manner to assist them in responding to a solicitation.
 - (4) a. Negotiating in good faith with interested DBE companies. It is the bidder's responsibility to make a portion of the work available to DBE subcontractors and suppliers and to select those portions of the work or material needs consistent with the available DBE subcontractors and suppliers, so as to facilitate DBE participation. Evidence of such negotiation includes the names, addresses, and telephone numbers of DBE companies that were considered; a description of the information provided regarding the plans and specifications for the work selected for subcontracting; and evidence as to why additional agreements could not be reached for DBE companies to perform the work.
 - b. A bidder using good business judgment would consider a number of factors in negotiating with subcontractors, including DBE subcontractors, and would take a firm's price and capabilities as well as contract goals into consideration. However, the fact that there may be some additional costs involved in finding and using DBE companies is not in itself sufficient reason for a bidder's failure to meet the contract DBE goal, as long as such costs are reasonable. Also, the

ability or desire of a bidder to perform the work of a contract with its own organization does not relieve the bidder of the responsibility to make good faith efforts. Bidders are not, however, required to accept higher quotes from DBE companies if the price difference is excessive or unreasonable.

- (5) Not rejecting DBE companies as being unqualified without sound reasons based on a thorough investigation of their capabilities. The bidder's standing within its industry, membership in specific groups, organizations, or associations and political or social affiliations (for example union vs. non-union employee status) are not legitimate causes for the rejection or non-solicitation of bids in the bidder's efforts to meet the project goal.
- (6) Making efforts to assist interested DBE companies in obtaining bonding, lines of credit, or insurance as required by the recipient or Contractor.
- (7) Making efforts to assist interested DBE companies in obtaining necessary equipment, supplies, materials, or related assistance or services.
- (8) Effectively using the services of available minority/women community organizations; minority/women contractors' groups; local, state, and federal minority/women business assistance offices; and other organizations as allowed on a case-by-case basis to provide assistance in the recruitment and placement of DBE companies.
- (b) If the Department determines that the bidder has made a good faith effort to secure the work commitment of DBE companies to meet the contract goal, the Department will award the contract provided that it is otherwise eligible for award. If the Department determines that a good faith effort has not been made, the Department will notify the bidder of that preliminary determination by contacting the responsible company official designated in the Utilization Plan. The preliminary determination shall include a statement of reasons why good faith efforts have not been found, and may include additional good faith efforts that the bidder could take. The notification will designate a five working day period during which the bidder shall take additional efforts. The bidder is not limited by a statement of additional efforts, but may take other action beyond any stated additional efforts in order to obtain additional DBE commitments. The bidder shall submit an amended Utilization Plan if additional DBE commitments to meet the contract goal are secured. If additional DBE commitments sufficient to meet the contract goal are not secured, the bidder shall report the final good faith efforts made in the time allotted. All additional efforts taken by the bidder will be considered as part of the bidder's good faith efforts. If the bidder is not able to meet the goal after taking additional efforts, the Department will make a pre-final determination of the good faith efforts of the bidder and will notify the designated responsible company official of the reasons for an adverse determination.
- (c) The bidder may request administrative reconsideration of a pre-final determination adverse to the bidder within the five working days after the notification date of the determination by delivering the request to the Department of Transportation, Bureau of Small Business Enterprises, Contract Compliance Section, 2300 South Dirksen Parkway, Room 319, Springfield, Illinois 62764 (Telefax: (217)785-1524). Deposit of the request in the United States mail on or before the fifth business day shall not be deemed delivery. The pre-final determination shall become final if a request is not made and

delivered. A request may provide additional written documentation and/or argument concerning the issue of whether an adequate good faith effort was made to meet the contract goal. In addition, the request shall be considered a consent by the bidder to extend the time for award. The request will be forwarded to the Department's Reconsideration Officer. The Reconsideration Officer will extend an opportunity to the bidder to meet in person in order to consider all issues of whether the bidder made a good faith effort to meet the goal. After the review by the Reconsideration Officer, the bidder will be sent a written decision within ten working days after receipt of the request for reconsideration, explaining the basis for finding that the bidder did or did not meet the goal or make adequate good faith efforts to do so. A final decision by the Reconsideration Officer that a good faith effort was made shall approve the Utilization Plan submitted by the bidder and shall clear the contract for award. A final decision that a good faith effort was not made shall render the bid not responsive.

CONTRACT COMPLIANCE. Compliance with this Special Provision is an essential part of the contract. The Department is prohibited by federal regulations from crediting the participation of a DBE included in the Utilization Plan toward either the contract goal or the Department's overall goal until the amount to be applied toward the goals has been paid to the DBE. The following administrative procedures and remedies govern the compliance by the Contractor with the contractual obligations established by the Utilization Plan. After approval of the Plan and award of the contract, the Utilization Plan and individual DBE Participation Statements become part of the contract. If the Contractor did not succeed in obtaining enough DBE participation to achieve the advertised contract goal, and the Utilization Plan was approved and contract awarded based upon a determination of good faith, the total dollar value of DBE work calculated in the approved Utilization Plan as a percentage of the awarded contract value shall become the amended contract goal.

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

the efforts undertaken to obtain substitute DBE participation. The Bureau of Small Business Enterprises will evaluate the good faith efforts in light of all circumstances surrounding the performance status of the contract, and determine whether the contract goal should be amended.

- (c) The Contractor shall maintain a record of payments for work performed to the DBE participants. The records shall be made available to the Department for inspection upon request. After the performance of the final item of work or delivery of material by a DBE and final payment 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 DBE companies indicated in the Plan, the Department will deduct from contract payments to the Contractor the amount of the goal not achieved as liquidated and ascertained damages.
- (d) The Department reserves the right to withhold payment to the Contractor to enforce the provisions of this Special Provision. Final payment shall not be made on the contract until such time as the Contractor submits sufficient documentation demonstrating achievement of the goal in accordance with this Special Provision or after liquidated damages have been determined and collected.
- (e) Notwithstanding any other provision of the contract, including but not limited to Article 109.09 of the Standard Specifications, the Contractor may request administrative reconsideration of a decision to deduct the amount of the goal not achieved as liquidated damages. A request to reconsider shall be delivered to the Contract Compliance Section and shall be handled and considered in the same manner as set forth in paragraph (c) of "Good Faith Effort Procedures" of this Special Provision, except a final decision that a good faith effort was not made during contract performance to achieve the goal agreed to in the Utilization Plan shall be the final administrative decision of the Department.

EQUIPMENT RENTAL RATES (BDE)

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

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

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

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

"(4) Equipment. Equipment used for extra work shall be authorized by the Engineer.

The equipment shall be specifically described, be of suitable size and capacity for the work to be performed, and be in good operating condition. For such equipment, the Contractor will be paid as follows.

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

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

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

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

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

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

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

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

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM / EROSION AND SEDIMENT CONTROL DEFICIENCY DEDUCTION (BDE)

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

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

"(a) National Pollutant Discharge Elimination System (NPDES) / Erosion and Sediment Control Deficiency Deduction. When the Engineer is notified or determines an erosion and/or sediment control deficiency(s) exists, or the Contractor's activities represents a violation of the Department's NPDES permits, the Engineer will notify and direct the

Contractor to correct the deficiency within a specified time. The specified time, which begins upon notification to the Contractor, will be from 1/2 hour to 1 week based on the urgency of the situation and the nature of the work effort required. The Engineer will be the sole judge.

A deficiency may be any lack of repair, maintenance, or implementation of erosion and/or sediment control devices included in the contract, or any failure to comply with the conditions of the Department's NPDES permits. A deficiency may also be applied to situations where corrective action is not an option such as the failure to participate in a jobsite inspection of the project, failure to install required measures prior to initiating earth moving operations, disregard of concrete washout requirements, or other disregard of the NPDES permit.

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

PAYMENTS TO SUBCONTRACTORS (BDE)

Effective: June 1, 2000 Revised: January 1, 2006

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

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

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

When progress payments are made to the Contractor according to Article 109.07 of the Standard Specifications, the Contractor shall make a corresponding payment to each subcontractor and material supplier in proportion to the work satisfactorily completed by each subcontractor and for the material supplied to perform any work of the contract. The

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

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

PERSONAL PROTECTIVE EQUIPMENT (BDE)

Effective: November 1, 2008

Revise the first sentence of Article 701.12 of the Standard Specifications to read:

"All personnel on foot, excluding flaggers, within the highway right-of-way shall wear a fluorescent orange, fluorescent yellow/green, or a combination of fluorescent orange and fluorescent yellow/green vest meeting the requirements of ANSI/ISEA 107-2004 for Conspicuity Class 2 garments."

PLASTIC BLOCKOUTS FOR GUARDRAIL (BDE)

Effective: November 1, 2004 Revised: January 1, 2007

Add the following to Article 630.02 of the Standard Specifications:

"(g) Plastic Blockouts (Note 1.)

Note 1. Plastic blockouts may be used in lieu of wood blockouts for steel plate beam guardrail. The plastic blockouts shall be the minimum dimensions shown on the plans and shall be on the Department's approved list."

REFLECTIVE SHEETING ON CHANNELIZING DEVICES (BDE)

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

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

"At the time of manufacturing, the retroreflective prismatic sheeting used on channelizing devices shall meet or exceed the initial minimum coefficient of retroreflection as specified in the following table. Measurements shall be conducted according to ASTM E 810, without averaging. Sheeting used on cones, drums and flexible delineators shall be reboundable as tested according to ASTM D 4956. Prestriped sheeting for rigid substrates on barricades shall be white and orange. The sheeting shall be uniform in color and devoid of streaks throughout the length of each roll. The color shall conform to the latest appropriate standard color tolerance chart issued by the U.S. Department of Transportation, Federal Highway Administration, and to the daytime and nighttime color requirements of ASTM D 4956.

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

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

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

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

STEEL PLATE BEAM GUARDRAIL (BDE)

Effective: November 1, 2005 Revised: August 1, 2007

Revise the first paragraph of Article 1006.25 of the Standard Specifications to read:

"1006.25 Steel Plate Beam Guardrail. Steel plate beam guardrail, including bolts, nuts, and washers, shall be according to AASHTO M 180. The guardrail shall be Class A, with a Type II galvanized coating; except the weight (mass) of the coating for each side of the guardrail shall be at least 2.00 oz/sq ft (610 g/sq m). The coating will be determined for each side of the guardrail using the average of at least three non-destructive test readings taken on that side of the guardrail. The minimum average thickness for each side shall be 3.4 mils (86 μ m)."

[&]quot;Barricades and vertical panels shall have alternating white and orange stripes sloping downward at 45 degrees toward the side on which traffic will pass."

SUBCONTRACTOR MOBILIZATION PAYMENTS (BDE)

Effective: April 2, 2005

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

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

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

ILLINOIS DEPARTMENT OF LABOR

PREVAILING WAGES FOR VARIOUS COUNTIES EFFECTIVE OCTOBER 2008

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

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