



ORIGINAL

2008-8

Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

RECEIVED

June 6, 2008

X-12746

JUN 11 2008

County of Jersey
Jersey County
Section 08-00029-01-SP
Project RRP-745(308)
Job No. C-98-303-08

Illinois Commerce Commission
RAIL SAFETY SECTION

RE: The installation of LED flashing light signals and gates controlled by CWT circuitry at Range Line Road (FAS 745) at the Kansas City Southern Railway Company tracks
AAR DOT # 294 545R RR MP 36.00

Mr. Srikanth Honnur
Director of Bridge & Track Construction
Kansas City Southern Railway Company
P.O. Box 219335
Kansas City, MO 64105

Dear Mr. Honnur:

Your copy of the agreement executed by the department on June 5, 2008 is attached. The general layout plans, and estimate of cost in the amount of \$214,638.00 have been reviewed and are accepted.

Upon approval of a Form 1 or Form 3 Petition by the Illinois Commerce Commission, you are authorized to proceed with the work at the subject location called for in the attached agreement. Please contact Mr. Tom Klasner, Jersey County Engineer at (618) 498-9074 for proper scheduling of activities.

Please provide us written notice when the project has been placed in service. All bills submitted for payment must be identified with the project, section, and job numbers.

Sincerely,

Charles Ingersoll, P.E.
Engineer of Local Roads and Streets

CC-
Mike Van Tiem
Michael Stead Attn: Rod Bergeron
Tom Klasner
Mary Lamie Attn: Rick Mauch
Debbie Marks

Jersey County
Section 08-00029-01-SP
Project RRP-745(308)
Job No. C-98-303-08

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
AGREEMENT
for
Local Agency Railway-Highway
Grade Crossing Improvements

THIS AGREEMENT made and entered into by and between the STATE OF ILLINOIS, Acting by and through its Department of Transportation, hereinafter referred to as the "STATE", and Jersey County, State of Illinois, acting by and through its County Board, hereinafter referred to as the "LA" and the Kansas City Southern Railway Company, hereinafter referred to as the "COMPANY."

WITNESSETH:

WHEREAS, in the interest of public safety the STATE proposes to improve crossing warning signal devices at the location listed on Exhibit A; and

WHEREAS, the parties mutually agree to accomplish the proposed improvements through the use of Federal and/or State funds which are provided under applicable Federal or State act, law or appropriation.

NOW, THEREFORE, in consideration of the premises and of the mutual covenants and agreements as hereinafter contained the parties hereto agree as follows:

SECTION 1. The project covered under this agreement shall be subject to all applicable Federal laws, rules, regulations, orders and approvals pertaining to all agreements, specifications, award of contracts, acceptance of work and procedure in general. The STATE and the COMPANY shall be governed by the applicable provisions of the Federal-Aid Policy Guide, Part 646, dated December 9, 1991, and any supplements or amendments thereto hereinafter referred to as the "Policy Guide". The "State Required Ethical Standards Governing Contract Procurement" is also attached hereto and made a part of this Agreement.

SECTION 2. The COMPANY shall prepare the general layout plans (including surveys and other engineering services), and detailed estimates of cost. These general layout plans and estimates shall be submitted to the STATE for their approval.

SECTION 3. The completed crossing warning devices shall conform to Part VIII of the 2003 Edition of the National Manual on Uniform Traffic Control Devices (MUTCD), including any amendments which may be contained in the Illinois Supplement to the MUTCD. Barrier systems, such as guardrail and impact attenuators should not be used at railroad grade crossings except in extraordinary circumstances. Approval for the erection of any roadside barrier by the COMPANY must be obtained in writing in advance from the STATE.

SECTION 4. All required installation work at the grade crossing(s) shall be performed by the COMPANY with its own forces or in accordance with 23 CFR, part 646.216. In the event the COMPANY intends to use forces other than its own under a continuing contract or contracts, the COMPANY shall provide the Department with a list of the items of work to be accomplished under such contract or contracts and a list of the name of each contractor whose services will be used to perform the work. Such contracts shall be in compliance with the Civil Rights Act of 1964 and implementing regulations applicable to Federal-Aid Projects as well as the Illinois Fair Employment Practices Act and implementing rules and regulations.

SECTION 5. The COMPANY will not begin to work without written authorization from the STATE to proceed. The COMPANY shall file a form 1 or form 3 Petition of Illinois Administrative Code 1535 with the Illinois Commerce Commission (ICC) showing details of the automatic warning devices herein required, and shall receive approval thereof by X-Resolution before commencing with the installation. Upon receipt of authorization from the STATE and the ICC, the COMPANY shall promptly begin the work set forth in the agreement and shall notify in writing the AGENCIES listed on EXHIBIT A before commencing work.

SECTION 6. The COMPANY, for performance of its work as herein specified, may bill the STATE monthly (in sets of two) for the STATE'S 100% share of the cost of materials purchased,

delivered and stored on the COMPANY'S property but not yet installed. The materials will become the property of the STATE and must be designated for exclusive use on the project designated on EXHIBIT A.

In the event of any loss of material after payment, the COMPANY will replace the material at no cost to the STATE. The storage area of such materials shall be available for STATE inspection upon 24-hour notice. The bill shall be accompanied by a voucher from the material supplier indicating payment by the COMPANY. Payment under this paragraph shall not be claimed for any bill totaling less than \$500.

In the event the COMPANY fails to install the stored material within an 18-month period subsequent to payment to the COMPANY, the COMPANY shall promptly deliver the stored material to the STATE at a location indicated in a written notice to the COMPANY. Upon delivery, the STATE shall then take possession of said material for the STATE'S own use. The delivery of the material to the STATE shall in no way serve to terminate this agreement or affect the other provisions of this agreement and in addition shall not affect the COMPANY'S right to claim payment for stockpiled material to replace that taken by the STATE.

SECTION 7. The COMPANY, for performance of its work as herein specified, may bill the STATE monthly (in sets of two) for the STATE'S 100% share of its expense as incurred. These progressive invoices may be rendered on the basis of the estimated percentage of the work completed, plus allowable FHWA approved additives. The STATE after verifying that the bills are reasonable and proper shall promptly reimburse the COMPANY for 100% of the amount billed. Payment under this paragraph shall not be claimed for any bill totaling less than \$500. Upon completion of the project, the COMPANY shall provide the STATE with a written notification of the date of completion. The COMPANY, upon completion of its work, shall submit a complete and detailed final bill of all incurred costs to the STATE no later than one year from the date of completion of the project. Otherwise, previous payments to the COMPANY may be considered final, except as agreed to by the STATE and the COMPANY. After the STATE has checked the final statement and agreed with the COMPANY that the costs are reasonable and

proper, insofar as they are able to ascertain, the STATE shall then reimburse the COMPANY an amount, less previous payments, if any, equal to 100% of the amount billed. After the STATE has audited the expenses as incurred by the COMPANY and final inspection of the installation has been made, the STATE shall reimburse the COMPANY for any amount still owed to the COMPANY or bill the COMPANY for any overpayments or items of expense found as not being eligible for reimbursement.

The COMPANY shall maintain, for a minimum of 3 years after the date of the final bill, adequate books, records, and supporting documents to verify the amounts, recipients, and uses of all disbursements of funds passing in conjunction with the contract; the contract and all books, records, and supporting documents related to the contract, which may be stored on electronic files, shall be available for review and may be audited by the AUDITOR GENERAL. The COMPANY agrees to cooperate fully with any audit conducted by the AUDITOR GENERAL and to provide full access to all relevant materials. Failure to maintain the books, records, and supporting documents required by this section shall establish a presumption in favor of the STATE for the recovery of any funds paid by the STATE under the contract for which adequate books, records, and supporting documentation are not available to support their purported disbursement.

SECTION 8. The crossing warning signal system should be placed in service immediately after the installation is completed. The COMPANY shall notify the STATE in writing of the date of the completed installation. The STATE will perform a final inspection upon receiving the written notification.

SECTION 9. When construction of this project is completed, and so long as State law shall so require, the COMPANY shall maintain at its expense, or by agreement with others, provide for the maintenance of the crossing warning signal devices.

SECTION 10. If at any time subsequent to the completion of this improvement, the tracks in the area of the crossing are eliminated for any reason whatsoever, then the said signal system may be removed, relocated and reinstalled at another grade crossing of the COMPANY mutually

designated and agreed to by the parties hereto and subject to the approval of the public authorities having any jurisdiction. The reinstalled signal system shall thereafter be subject to the terms of this agreement.

SECTION 11. In compliance with the Federal-Aid Policy Guide, dated December 9, 1991, Section 646.210, the railroad work as herein contemplated requires no contribution from the COMPANY.

SECTION 12. In the event that delays or difficulties arise in securing necessary federal or state approvals, or in acquiring rights-of way, or in settling damage claims, or for any other cause which in the opinion of the STATE render it impracticable to proceed with the construction of the project, then at any time before construction is started, the STATE may serve formal notice of cancellation upon the COMPANY and this agreement shall thereupon terminate. In the event of cancellation, the STATE shall reimburse the COMPANY for all eligible cost and expense incurred by the COMPANY prior to receipt of notice of cancellation and payment by the STATE.

SECTION 13. The COMPANY, subrecipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this Agreement. The COMPANY shall carry out applicable requirements of 49 CFR part 26 in the award and administration of STATE-assisted contracts. Failure by the COMPANY to carry out these requirements is a material breach of this Agreement, which may result in the termination of this contract or such other remedy as deemed appropriate.

In the event any work at the crossing is performed by other than COMPANY forces, the provisions of "an act regulating wages of laborers, mechanics and other workers employed in public works by the State, County, City or any public body or any political subdivision or by any one under contract for public works" (Illinois Compiled Statutes, 820 ILCS 130/1 et seq.) shall apply.

SECTION 14. The COMPANY certifies that neither it 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.

SECTION 15. This agreement shall be binding upon the parties hereto, their successors or assigns.

SECTION 16. The COMPANY shall complete all work or shall be responsible that all work is completed by other forces within one year of the date of the fully executed agreement. In the event that all work cannot be completed within one year, the COMPANY shall notify the STATE in writing the cause for the delay before the one-year deadline has expired. Otherwise, the STATE will consider petitioning the Illinois Commerce Commission to order the work to be completed.

SECTION 17. At the time this Agreement was executed, there were funds available for the project; however, obligations assumed by the STATE under this Agreement shall cease immediately, without penalty or payment beyond that which the COMPANY has already accumulated, should the Illinois General Assembly or the Federal Highway Administration fail to appropriate or otherwise make available funds for the project.

SECTION 18. The COMPANY 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 COMPANY further acknowledges that the contracting State agency may declare the contract void if this certification is false or if the COMPANY, or any affiliate, is determined to be delinquent in the payment of any debt to the State during the term of the contract.

IN WITNESS WHEREOF, the parties hereto have caused this agreement to be executed in triplicate by their duly authorized officers as of the dates below indicated.

By execution of this agreement and under penalties of perjury, the COMPANY certifies that its correct Federal Taxpayer Identification Number (TIN) is 44-6000758 and the COMPANY is doing business as a corporation.

Executed by the COMPANY this 14th
day of April, 2008.

Kansas City Southern Railway
Company

ATTEST:
[Signature]

By: [Signature]

Executed by the LOCAL AGENCY this 13th
day of May, 2008.

Jersey County
acting by and through its
County Board

ATTEST:
[Signature]

By: [Signature]

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

[Signature]
Milton R. Sees, Secretary of Transportation

6-5-08
Date

[Signature]
Christine M. Reed, Director of Highways/Chief Engineer

6-5-08
Date

ATTACHMENT A

STATE REQUIRED ETHICAL STANDARDS GOVERNING CONTRACT PROCUREMENT

The certifications hereinafter made by the COMPANY are each a material representation of fact. The STATE may terminate the agreement if it is later determined that the COMPANY rendered a false or erroneous certification.

Bribery. Section 50-5 of the Illinois Procurement Code provides that: (a) 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.

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.

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.

Every bid submitted to and contract executed by the State shall contain a certification by the COMPANY that it is not barred from being awarded a contract or subcontract under this Section. A COMPANY who makes a false statement, material to the certification, commits a Class 3 felony. The COMPANY certifies that it is not barred from being awarded a contract under Section 50-5.

Educational Loan. The Educational Loan Default Act provides that no State agency shall contract with an individual for goods or services if that individual is in default, as defined by Section 2 of this Act, on an educational loan. Any contract used by a State agency shall include a statement certifying that the individual is not in default on an educational loan as provided in this Section.

Bid Rigging/Bid Rotating. Section 33E-11 of the Criminal Code of 1961 provides: (a) that 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 COMPANY that it 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 the Code. The state and units of local government shall provide appropriate forms for such certification.

A COMPANY that 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.

The COMPANY 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.

International Anti-Boycott. Section 5 of the International Anti-Boycott Certification Act provides that 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, whichever is less, shall contain certification, as a material condition of the contract, by which the COMPANY agrees that neither it nor any substantially-owned affiliated company is participating or shall participate in an international boycott in violation of the provisions of the U.S. Export Administration Act of 1979 or the regulations of the U.S. Department of Commerce promulgated under that Act. The COMPANY makes the certification set forth in Section 5 of the Act.

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

The COMPANY 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 COMPANY'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 COMPANY'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 (a) 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 thirty (30) days after receiving such 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 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.

Delinquent Payment. The COMPANY 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 property into the State of Illinois in accordance with the provisions of the Illinois Use Tax Act. The COMPANY further acknowledges that the contracting State agency may declare the contract void if this certification is false or if the COMPANY, or any affiliate, is determined to be delinquent in the payment of any debt to the State during the term of the contract.

Felony Convictions. The COMPANY 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 of a Class 3 or Class 2 felony under the Illinois Security Law of 1953 for a period of five years prior to the date of the AGREEMENT. The COMPANY acknowledges that the DEPARTMENT shall declare the contract void if this certification is false.

Environmental Protection Act. The COMPANY certifies in accordance with 30 ILCS 500/50-12 that the COMPANY is not barred from being awarded a contract under this Section. The COMPANY acknowledges that the DEPARTMENT may declare the contract void if this certification is false.

EXHIBIT A

CROSSING IDENTIFICATION:

Railroad: Kansas City Southern Railway Company

RR M.P.: 36.00 AAR DOT # 294 545R

Road Name: Range Line Road (FAS745)

Location: Range Line Road (FAS745) @ Kansas City Southern Railway near Jerseyville, Illinois

EXISTING CONDITIONS:

One mainline track equipped with flashing light signals

DESCRIPTION OF WORK TO BE DONE BY RAILROAD:

1. Install crossing gates.
2. Incidental work necessary to complete the items hereinabove specified.

DESCRIPTION OF WORK TO BE DONE BY OTHERS:

Local Agency agrees to provide at its expense any necessary advance warning signs and pavement markings as required by the MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. When a marked traffic detour is required, the Local Agency at its expense shall furnish, erect, maintain and remove the traffic control devices necessary to detour highway traffic.

ATTACHMENTS:

State Required Ethical Standards Governing Contract Procurement
Location Map

ESTIMATED RAILROAD COST: \$ 214,638.00

100% Federal participation \$ 214,638.00

AGENCIES TO BE NOTIFIED BEFORE COMMENCING WORK:

Mr. Tom Klasner, Jersey County Engineer, 722 State Highway 16, Jerseyville, IL 62052
Telephone (618) 498-9074

SUBMIT ALL BILLS FOR THE STATE'S 100% SHARE TO:

Charles Ingersoll, P. E.
Engineer of Local Roads and Streets
2300 South Dirksen Parkway
Springfield, Illinois 62764

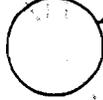
16 950 Rd N

I L L I
J E R

1900 Rd E

Schiefer Rd

Location Map:
Jersey County
Section 08-00029-01-SP
Project RRP-745(308)
Job No. C-98-302-08
Range Line Road (FAS745)
@ Kansas City Southern Ry.
DOT# 294 545R
RR MP 36.00



Stage Coach Rd

Delhi

1910 Rd E

800 Rd N

25

800

CR-1800 E

Dusky Rd

6

2000 Rd E

Delhi Farm's Rd

67

1900 Rd E

New Delhi

730 Rd N

2100 Rd E

Palomino Ct

Indian Lake Rd

Indian Lake Rd

600 Rd N

Delhi Farm's Rd



**KANSAS CITY SOUTHERN RAILWAY COMPANY
GRADE CROSSING WARNING DEVICES
SIGNAL PROJECT ESTIMATE OF COST**

ESTIMATE IS DEFINED AS: TO PRODUCE A STATEMENT OF APPROXIMATE COST

DATE 4/8/08

Project Description & Location...

PROPOSED TO INSTALL TWO NEW FLASHER SIGNALS WITH GATES AND INSTALL A NEW 6' x 8' STEEL BUNGALOW WITH CONSTANT WARNING TIME GCP 4000 UNIT AT THE CROSSING OF KCS RAILWAY TRACKS WITH **FAS 745 (RANGE LINE ROAD) in DELHI, IL**

... INCLUDES A GCP 4000 WITH SEAR III ALARM REPORTING VIA CELL MODEM COLLECTOR WITH 50' TOWER

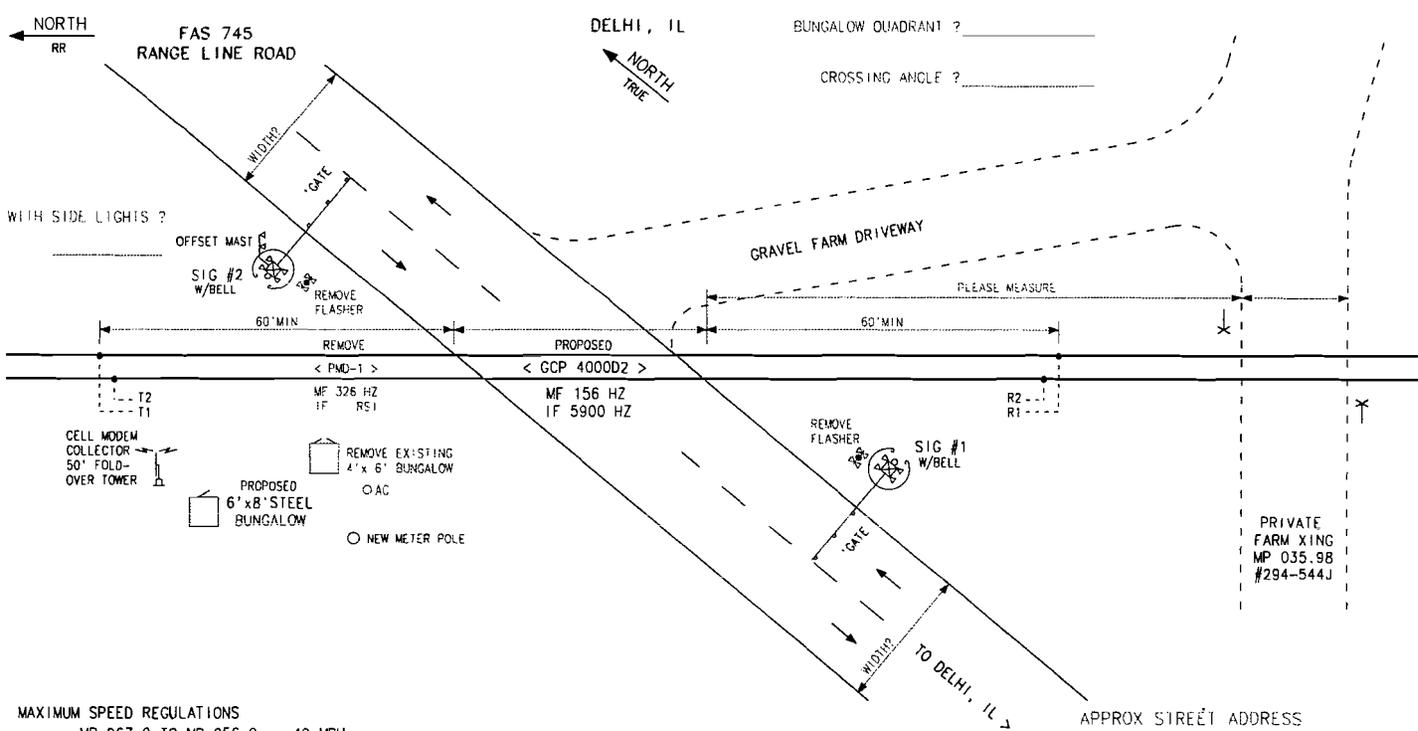
States Identification...	Funding Mechanism...	Railroads Identification...
SECTION 08-00029-01-SP PROJECT RRP-745 (308) JOB NO. C-98-303-08 RANGE LINE ROAD (FAS 745) DOT #294-545R JERSEY COUNTY	SIGNAL PROJECT 100% STATE	FILE NO. SD-33-5-036.00 DOT NO. 294-545R MILE POST 036.00 ASSET #982419 MIDCONTINENT DIVISION GODFREY SUBDIVISION

MATERIAL Description & Pricing Info...	QTY	Unit	Unit Price	TOTAL
6' x 8' STEEL BUNGALOW, with GCP 4000 and SEAR III Reporting Unit, with Modules and Program required to control warning devices as shown, Chargers & Battery necs., etc	1	LOT	52,972	\$ 52,972.00
FLASHER & GATE SIGNALS, with 12" LED Lights, All Aluminum Gate Arms, LED Gate Lights, Signs, Bells, with any side lights as per State Specifications.	1	LOT	19,621	\$ 19,621.00
SIGNAL GROUND MATERIAL, Foundations, Underground Wire & Cable, Guard Rails, Multi Shunt Boxes at approaches, Track Connectors, Bond Wires, wiring materials, etc.	1	LOT	21,355	\$ 21,355.00
Containerized Freight Charges, Safetran Systems	1	LOT	2,795	\$ 2,795.00
10% Material Contingency Fee, Safetran Systems	1	LOT	9,395	\$ 9,395.00
PROJECT MATERIAL, Cover Rock or Fill Material necessary, 220 Volt AC Service Pole, Directional Boring with 4" PVC Pipe as determined by RR, Culvert Pipe for extensions	1	LOT	18,000	\$ 18,000.00
MATERIAL RELEASED... NONE				
SEE KCSR LAYOUT PLAN... DWG NO SD-33-2-036.00A-C				
MATERIAL SUB TOTAL = \$				124,138.00

LABOR & ADDITIVES, Equipment, Engineering...	QTY	Unit	Unit Price	TOTAL
KCS LABOR with Additives, all Signal Dept. Personnel required for Administration, and for Field Installation, testing and cut-over as directed by the Signal Engineer.	1	Const	21,500	\$ 21,500.00
EQUIPMENT CHARGES, for Signal Dept Pickup Trucks, Backhoes, Boom Trucks, etc.	1	Const	5,000	\$ 5,000.00
KCS PERSONAL EXPENSES, for all Signal Dept Personnel	1	Const	3,500	\$ 3,500.00
CONTRACT ENGINEERING, for Layout Design, Quote Plans, Material Lists, Layout Plans & Estimate, Shop Wiring & Field Construction Plans as directed by the RR (JaKay)	1	Const	15,000	\$ 15,000.00
CONTRACT ACCOUNTING, Project Cost Tracking System through the life of the project, Completion Reports and assist Accounting with Final Billing preparation. (BHS)	1	Const	5,000	\$ 5,000.00
UTILITY COORDINATION, arrangements for new electrical service, relocation of utilities, arrange for rock & fill material, project coordination as directed by the RR (JaKay)	1	Const	3,500	\$ 3,500.00
FIELD INSTALLATION CONTRACTOR, to provide equipment & personnel as required by the KCSR Field Installation Bid Request package for the signal installation.	1	Const	37,000	\$ 37,000.00
THIS ESTIMATE IS LIMITED TO 180 DAYS FROM DATE OF ISSUANCE, KCS SHALL AUTHORIZE IT'S USE THEREAFTER				
LABOR SUB TOTAL = \$				90,500.00

TO INSTALL FLASHERS & GATES AT FAS 745 (RANGE LINE ROAD) IN DELHI, IL	TOTAL ESTIMATE OF COST \$ 214,638.00
--	---

3,600'± APPROACH PROVIDES A MAXIMUM OF 35 SEC WARNING TIME AT 60 MPH



NAME _____
 ON-SITE INSPECTION DATE _____
 SURFACE LENGTH & MATERIAL? _____
 WELDED OR JOINTED RAIL? _____
 BEST QUAD. FOR METER POLE? _____
 ARE ANY SIDE LIGHTS REQUIRED? _____
 RAIL GUARD RAILS RECOMMENDED? _____
 MEASURE LONGEST CLEARANCE DISTANCE? _____
 NEW CULVERTS OR EXTENSIONS? _____
 HOW MUCH FILL MATERIAL NEEDED? _____
 OVERHEAD UTILITY PROBLEMS? _____
 UNDERGROUND UTILITIES PROBLEMS? _____
 MISC INFO ABOUT CROSSING? _____
 DESCRIBE CONTAINER LOCATION? _____

MAXIMUM SPEED REGULATIONS
 MP 067.0 TO MP 056.0 ... 49 MPH
 MP 056.0 TO MP 028.0 ... 40 MPH

SPEED RESTRICTIONS
 XING MP 42.61 TO MP 41.66 ... 30+ MPH

CROSSING SURFACE INFO:
 EXISTING

KCSR PROPERTY - .33' FROM CENTERLINE IN ALL QUADRANTS
 CONSTRUCTION SUPERVISOR OR SIGNAL SUPERVISOR TO FILL OUT PIPE OR CONDUIT LOCATION CHART PROVIDED BELOW. PLEASE LABEL PIPES BY AN ALPHA DESIGNATION (EXAMPLE 4" PVC PIPE A)

UG SIGNAL CABLE PIPE LOCATION	DESTINATION QUADRANT TO ROAD TO RAIL	DEPTH	BUNGALOW QUADRANT TO ROAD TO RAIL	DEPTH
4" PVC PIPE A				
4" PVC PIPE B				
4" PVC PIPE C				
4" PVC PIPE D				

ALL DIMENSIONS MEASURED PERPENDICULAR TO ROAD OR PERPENDICULAR TO RAIL

KCSR TO MEASURE CLEARANCE DISTANCE AND ADD CORRECT CLEARANCE TIME TO THE WARNING TIME, SEE PAGE C

SIG #1 LOCATION:
 8'-3" MIN FROM THE EDGE OF PAVED ROAD, MEASURED PERPENDICULAR TO ROAD FROM CENTER OF SIGNAL POLE TO THE EDGE OF PAVED ROAD
 15'-0"± FROM NEAR RAIL AT GATE BASE, MEASURED PERPENDICULAR TO RAIL FROM CENTER OF SIGNAL POLE TO THE NEAREST EDGE OF RAIL

MUTCD MINIMUM RESTRICTIONS:
 8'-3" MIN. FROM EDGE OF TRAVELED ROAD
 12'-0" MIN. FROM CENTERLINE OF RAIL
 GATE ARM TO BE PERPENDICULAR TO ROAD

APPROX STREET ADDRESS

unknown?
 PLEASE MEASURE TO ANY VISIBLE ADJACENT XINGS, OR SIGNALS, OR SWITCHES FROM NEAR EDGE OF ROAD MAKE A NOTE IF ANY SWITCHES NEED ANY INSULATED JOINTS, OR RODS, OR GAGE PLATES.

SIG #2 LOCATION:
 8'-3" MIN FROM THE EDGE OF PAVED ROAD, MEASURED PERPENDICULAR TO ROAD FROM CENTER OF SIGNAL POLE TO THE EDGE OF PAVED ROAD
 15'-0"± FROM NEAR RAIL AT GATE BASE, MEASURED PERPENDICULAR TO RAIL FROM CENTER OF SIGNAL POLE TO THE NEAREST EDGE OF RAIL

MUTCD MINIMUM RESTRICTIONS:
 8'-3" MIN. FROM EDGE OF TRAVELED ROAD
 12'-0" MIN. FROM CENTERLINE OF RAIL
 GATE ARM TO BE PERPENDICULAR TO ROAD

REVISION BLOCK	FLASHERS IN SERVICE	FLSHRS & GATES IN SERVICE

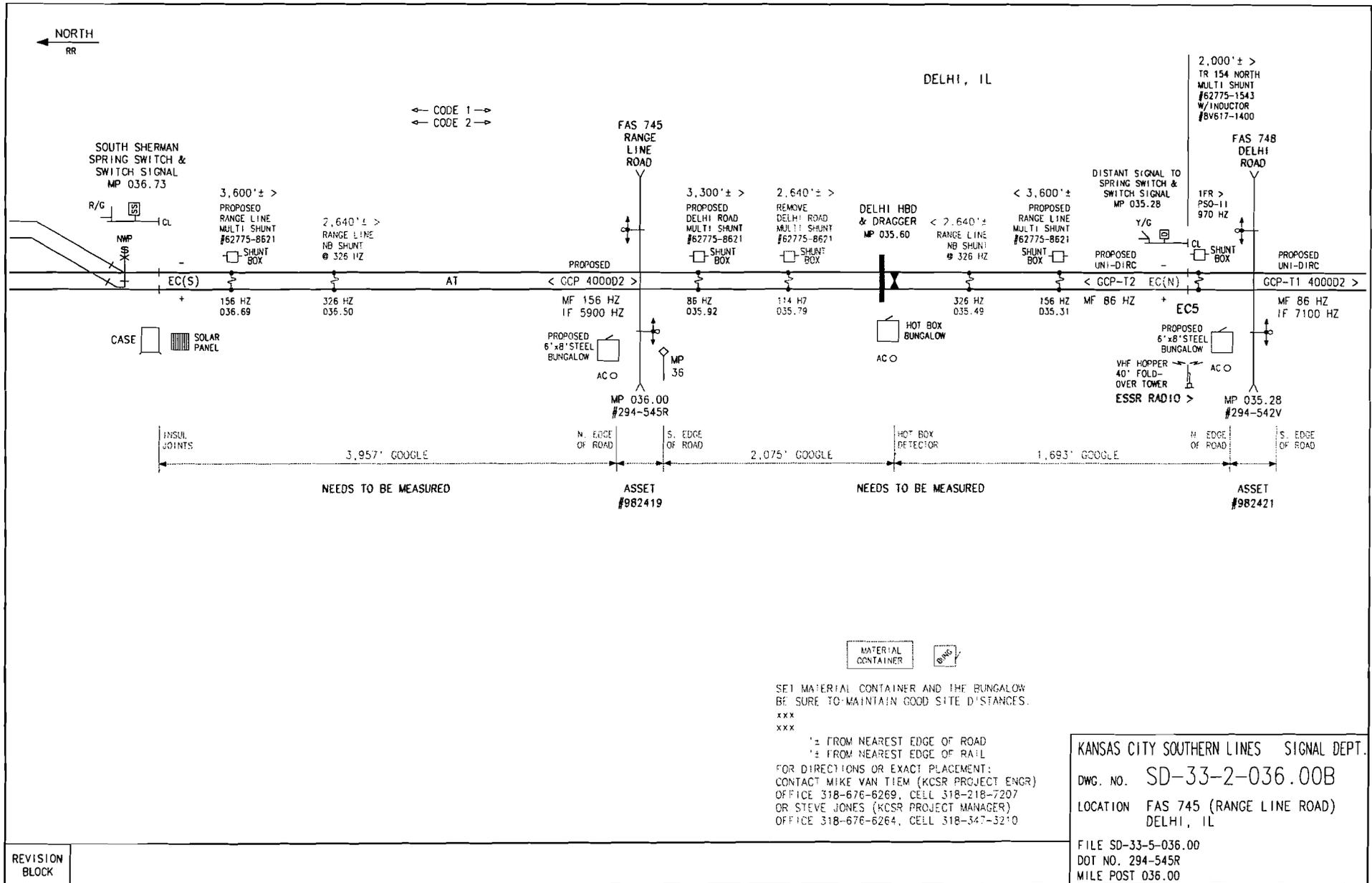
TEMPLATE: 1A

ORANGE=OUT
 BLUE = IN
 GREEN=NOTE

ASSET #982419

KANSAS CITY SOUTHERN LINES SIGNAL DEPT.
 DWG. NO. SD-33-2-036.00A
 LOCATION FAS 745 (RANGE LINE ROAD)
 DELHI, IL

FILE SD-33-5-036.00
 DOT NO. 294-545R
 MILE POST 036.00



REVISION
BLOCK

INSTALLATION AND DESIGN INFORMATION

APPROACH AND WARNING TIME CALCULATIONS	GCP-T1 MAIN TRK	OTHER TRK	OTHER TRK	OTHER TRK
MINIMUM WARNING TIME	20 SEC			
PLUS CLEARANCE TIME	4 SEC			
PLUS BUFFER TIME	10 SEC			
TOTAL WARNING TIME	34 SEC			
TOTAL WARNING TIME	34 SEC			
PLUS EQUIP RESPONSE	5 SEC			
PLUS ADVANCE PREEMPT	0 SEC			
TOTAL APPROACH TIME	39 SEC			
MAX. TRAIN SPEED	60 MPH			
EQUATION FEET/SECOND	x 1.4667			
SPEED FEET PER SECOND	88.0 FPS			
TOTAL APPROACH TIME	39 SEC			
SPEED FEET PER SECOND	x 88.0			
APPROACH DISTANCE (MEASURED FROM TIE-IN POINTS)	3,432'			
DISTANCE ROUNDED UP TO	3,600'±			
CLEARANCE DISTANCE FOR DESIGN PURPOSE WAS ESTIMATED TO BE <u>64'±</u> THIS DISTANCE SHOULD BE MEASURED EXACTLY AS PART OF THE INSTALLATION PROCESS, PER DIRECTIONS SHOWN IN CHART				

MUTCD MINIMUM RESTRICTIONS FOR LOCATION AND CLEARANCE DIMENSIONS FOR FLASHER & GATE SIGNALS SHALL BE:

WHEN THERE IS A CURB...

A HORIZONTAL CLEARANCE OF AT LEAST 2'-0" SHALL BE PROVIDED FROM THE FACE OF THE VERTICAL CURB TO THE CLOSEST PART OF THE SIGNAL OR GATE ARM IN ITS UPRIGHT POSITION.

WHEN THERE IS A SHOULDER, BUT NO CURB...

A HORIZONTAL CLEARANCE OF AT LEAST 2'-0" FROM THE EDGE OF A PAVED OR SURFACED SHOULDER SHALL BE PROVIDED, WITH A CLEARANCE OF AT LEAST 6'-0" FROM THE EDGE OF THE TRAVELED WAY.

WHEN THERE IS NO CURB OR SHOULDER...

THE MINIMUM HORIZONTAL CLEARANCE SHALL BE 6'-0" FROM THE EDGE OF THE TRAVELED WAY.

MUTCD SUGGESTED LATERAL CLEARANCE FOR EQUIPMENT HOUSING (CONTROLLER CABINETS):

EQUIPMENT HOUSING SHOULD HAVE A LATERAL CLEARANCE OF AT LEAST 30'-0" FROM THE EDGE OF THE HIGHWAY AND WHERE RAILROAD PROPERTY AND CONDITIONS ALLOW, AT LEAST 25'-0" FROM THE NEAREST RAIL.

STATES IDENTIFICATION...

JERSEY COUNTY
SECTION 08-00029-01-SP
PROJECT RRP-745 (308)
JOB NO. C-98-303-08
RANGE LINE ROAD (FAS 745)
DOT #294-545R
RR MP 36.00

STATE PROJECT ENGINEER:

MR. TOM KLASNER
JERSEY COUNTY ENGINEER
722 STATE HWY 16
JERSEYVILLE, IL 62052
OFFICE: 618-498-9074
2 WEEKS NOTICE REQUIRED

SIGNAL FOREMAN TO CALL
STATE PROJECT ENGINEER
WHEN GANG SHOWS UP AT
JOB SITE TO BEGIN WORK

PLEASE MEASURE EXACT CLEARANCE DISTANCE AS FOLLOWS:

MEASURE ALONG THE EDGE OF ROAD - FROM GATE ARM DOWN TO 6' MIN. BEYOND THE FARTHEST RAIL (6' IS MEASURED PERPENDICULAR TO RAIL)

MEASURE AT CENTER LINE OF ROAD - FROM GATE ARM DOWN TO 6' MIN. BEYOND THE FARTHEST RAIL (6' IS MEASURED PERPENDICULAR TO RAIL)

USE THE LONGEST DISTANCE MEASURED ABOVE TO DETERMINE CLEARANCE TIME IF OVER 35' MIN., AS PER THE CHART BELOW

ADD THE LONGEST CLEARANCE TIME TO THE WARNING TIME

CLEARANCE DISTANCE MEASUREMENTS

SIG #1 = <input type="text"/> AT EDGE OF ROAD	SIG #1 = <input type="text"/> CENTER OF ROAD	SIG #1 = <input type="text"/> LONGEST DISTANCE	SIG #1 = <input type="text"/> CLEARANCE TIME = CT
FT	FT	FT	SEC

SIG #2 = <input type="text"/> AT EDGE OF ROAD	SIG #2 = <input type="text"/> CENTER OF ROAD	SIG #2 = <input type="text"/> LONGEST DISTANCE	SIG #2 = <input type="text"/> CLEARANCE TIME = CT
FT	FT	FT	SEC

CT = CLEARANCE TIME	0' TO 35' = NONE	96' TO 105' = 7 SEC CT
36' TO 45' = 1 SEC CT	106' TO 115' = 8 SEC CT	
46' TO 55' = 2 SEC CT	116' TO 125' = 9 SEC CT	
56' TO 65' = 3 SEC CT	126' TO 135' = 10 SEC CT	
66' TO 75' = 4 SEC CT	136' TO 145' = 11 SEC CT	
76' TO 85' = 5 SEC CT	146' TO 155' = 12 SEC CT	
86' TO 95' = 6 SEC CT	156' TO 165' = 13 SEC CT	

FAS 745 RANGE LINE RD NOTES:

- 1.) PROPOSED TO INSTALL THE FOLLOWING AS PART OF THIS STATE PROJECT:
 - 2 EA. FLASHER & GATE SIGNALS WITH 12" LED LIGHTS
 - 1 EA. 6' x 8' STEEL BUNGALOW WITH A CONSTANT WARNING TIME TRAIN DETECTION DEVICE WITH SOLID STATE CROSSING CONTROLLER MODULES AND INTERNAL RECORDING AND ALARM REPORTING
 - 2 EA. 2/3RDS CIRCULAR GUARD RAILS WITH END TERMINAL CURLS
 - 2 EA. SHUNT BOX ASSEMBLIES WITH MULTI SHUNTS
 - 1 EA. 50' FOLD-OVER TOWER WITH ANTENNAS MOUNTED ON TOP
 - 1 EA. 220 VAC METER POLE
- 2.) 4" PVC CONDUIT FOR SIGNAL CABLING UNDER ROADWAY WILL BE INSTALLED BY DIRECTIONAL BORING METHOD
- 3.) APPROX TONS OF FILL MATERIAL REQUIRED FOR BUNGALOW & SIGNALS
- 4.) ANY UTILITIES THAT INTERFERE WITH PROPER SIGNAL PLACEMENT WILL BE RELOCATED AT PROJECT EXPENSE
- 5.) ANY POWER LINES IN AREA WILL NEED TO BE AT LEAST 10' FROM TIP OF GATE ARM IN RAISED POSITION (VERTICAL)
- 6.) ANY DRAINAGE WORK REQUIRED FOR THE PROPER SIGNAL OR BUNGALOW PLACEMENT WILL BE AT PROJECT EXPENSE
- 7.) ALL PROPOSED DIMENSIONS ARE PLUS OR MINUS AT THE DISCRETION OF THE KCS SIGNAL SUPERVISOR AND/OR THE KCS PROJECT ENGINEER, IF WITHIN THE STATE GUIDELINES

KANSAS CITY SOUTHERN LINES SIGNAL DEPT.

DWG. NO. SD-33-2-036.00C

LOCATION FAS 745 (RANGE LINE ROAD)
DELHI, IL

FILE SD-33-5-036.00

DOT NO. 294-545R

MILE POST 036.00

REVISION
BLOCK

**THE FOLLOWING DOCUMENTS
ARE INTENDED TO SUPPORT THE
ONE PAGE ESTIMATE OF COST
SUBMITTED BY THE KCS RAILWAY**



PRELIMINARY ESTIMATE

Final quotation to be issued upon receipt of final plans

Mr. Mike Van Tiem
 KANSAS CITY SOUTHERN RAILWAY
 4601 Blanchard Road
 Shreveport, Louisiana 71107-5799

EST. NO. XP-4626
 DATE: March 25, 2008
 SHEET: 1 OF 1

FOR MATERIAL AND/OR SERVICES REQUESTED

To provide material, shop wiring and testing for Highway Grade Crossing Warning System proposed for .
FAS 745 - RANGE LINE RD. - DELHI, IL Asset No. **982419**
 Per supplied KCS Material List and Specs. Price does not include sales tax, if applicable.

THIS QUOTATION IS SUBJECT TO THE "TERMS AND CONDITIONS OF SALE"

1.	WIRED BUNGALOW, includes cost of all equipment within and shop labor cost.	\$ 52,971.83
2.	WARNING DEVICES, includes cost of flashers and gates or cantilever signals.	\$ 19,620.79
3.	MISC. SIGNAL MATERIAL, includes items like UG wire & cable, foundations, UG conduit, shunt boxes, track material, etc. .	\$ 21,355.67
4.	Contingency Fee (Amount to equal 10% of job value)	\$ 9,394.83

1. Total price of this inquiry is in US funds: **\$ 103,343.12**
2. F.O.B. point if other than mfg. plant: **Louisville**
3. Estimated freight charge for container shipment: **\$ 2,794.89 (1) Container**
4. Safetran has not included cost for any item or service not expressly listed in this quote.
5. Safetran's Container Usage Fee will be billed at actual usage incurred at time of release by the customer. Charges to include \$8.25 per day for container usage and \$380 for clean out.
6. Safetran will not accept any consequential damages, liquidated damages, penalties, or delays for damages, for any of the work associated with this quote.
7. Preliminary estimate is valid for a period of one (1) year
8. Anticipated Delivery: 90 days after receipt of purchase order/contract.
9. Quotation made by - Safetran Systems Corporation, Louisville Division
 2400 Nelson Miller Pkwy, Louisville, Kentucky 40223

SIGNED: _____
 JOHN J. PALJUG, VP of MARKETING, SALES AND SERVICE

cc: JayKay Signaling



Quote For:
 Kansas City Southern Railway
 FAS 745 - RANGE LINE RD. - DELHI, IL
 Asset#: 982419

Date: 3/25/2008
 Est. No.: XP-4626

ITEM	PART NUMBER	HOUSE MATERIAL	QTY.	LIST PRICE	KCS PRICE	TOTAL
1	T17585	HOUSE, 6' X 8' GALVANEAL	1.00	*	\$10,691.22	\$10,691.22
2	8000-80271-0001	SEAR II, ILOD	1.00	\$484.00	\$363.00	\$363.00
3	8000-80297-0002	SEAR II, GROUND FAULT SENSOR	1.00	\$690.00	\$517.50	\$517.50
4	8000-80276-0001	SEAR II, VHF COMMUNICATOR	1.00	\$1,360.00	\$1,020.00	\$1,020.00
5	T12807	CHARGER, NRS 12/40(GRAY),TEMP.	2.00	*	\$738.59	\$1,477.18
6	8220-80465-002C0	GCP, 4000 1 - TRK. UNIT	1.00	\$28,067.00	\$21,050.25	\$21,050.25
7	010811-4AX	PROTECTOR, SURGE , 5P24-1A, 18	1.00	\$203.00	\$152.25	\$152.25
8	8000-80078-0001	ECHELON TERMINATION UNIT 80078	2.00	\$75.00	\$56.25	\$112.50
9	023612-1X	BLOCK, TERMINAL2-3/8" CENTER,	18.00	\$6.00	\$4.50	\$81.00
10	024620-4X	LINK, TEST 2-3/8" CENTERS 5TRA	10.00	\$2.15	\$1.61	\$16.10
11	210026-T11332	GROUND BAR, TINNED BUS STRIP,	3.00	*	\$34.45	\$103.35
12	093026-T10548	BLOCK, ERICO 4-POST ARRESTER,	36.00	*	\$14.98	\$539.28
13	022615-1X	ARRESTER, HEAVY DUTY, W/O BASE	8.00	\$17.00	\$12.75	\$102.00
14	022700-1X	EQUALIZER WITHOUT BASE	4.00	\$17.00	\$12.75	\$51.00
15	022485-28X	ARRESTER,CLEARVIEW, (CUCA)	28.00	\$13.00	\$9.75	\$273.00
16	091769-T06180	TERMINAL, AMP, 16/14 HD AWG. 5	75.00	*	\$0.69	\$51.75
17	091769-T09671	TERMINAL, RING TOUNGE, PIDG, A	100.00	*	\$0.56	\$56.00
18	025618-N20	FUSE, NON-RENEWABLE	1.00	*	\$1.21	\$1.21
19	025618-1X	SWITCH, SINGLE DISCONNECT	1.00	\$44.97	\$33.73	\$33.73
20	029603-23X	RESISTOR, ADJ. 20 OHM PORCELAI	1.00	\$35.15	\$26.36	\$26.36
21	029602-6X	RESISTOR, 2.0 OHM ADJ. PORCELAIN	1.00	\$34.27	\$25.70	\$25.70
22	T15514	CABLE, 2 CONDUCTOR 18 AWG	40.00	*	\$0.33	\$13.20
23	023390-5X	BLOCK, TERMINAL 12	4.00	\$15.00	\$11.25	\$45.00
24	099152-T08707	WIRE, #10 GREEN, INSULATED, TH	40.00	*	\$0.29	\$11.60
25	099056-T09584	WIRE, #14 FLEX CASE, 19 5STRAND	250.00	*	\$0.35	\$87.50
26	099056-T09585	WIRE, #10 TYPE DEL, 600-2000V,	450.00	*	\$0.46	\$207.00
27	099026-T09582	BONDSTRAND, RED INSULATED, 6/64	200.00	\$1.14	\$1.14	\$228.00
28	022316-43	WIRE, 16 GA 19 5STRAND, 2/64"	500.00	*	\$0.22	\$110.00
29	024620-19X	LINK ASSY, TEST	36.00	\$2.67	\$2.00	\$72.00
30	T14030	TERMINAL, RING, #6 FOR 5PL420	8.00	*	\$2.71	\$21.68
31	T17411	TERMINAL, #16-14HD, AMP #34821	22.00	*	\$0.36	\$7.92
32	T17671	TERMINAL RING #12-10 #8 YELLOW	4.00	*	\$0.51	\$2.04
33	T17668	BOX, PULL 16 X 12 X 4 W/ COVER	1.00	*	\$31.34	\$31.34
34	T17668-1	COVER, PULL BOX 16 X 12 LEXAN	1.00	*	\$14.82	\$14.82
35	T17669	RELAY, POWER, DPDT 12VDC	1.00	*	\$40.76	\$40.76
36	053222-T04010	RELAY, N. V. P & B KUP-14D15-1	1.00	*	\$14.21	\$14.21
37	053222-T09797	SOCKET, RELAY P&B 27E121 NEWAR	3.00	*	\$7.85	\$23.55
38	053222-T09997	RELAY, POTTER & BRUMFIELD, 120	2.00	*	\$16.05	\$32.10
39	053222-T09795	CLIP, HOLD DOWN RELAY, P&B 20C	6.00	*	\$0.52	\$3.12
40	023590-2X	BOLT, GROUND	3.00	\$3.86	\$2.90	\$8.70
41	098060-T10051	PANDUIT, 4"W X 3"T, LIGHT GRAY	18.00	*	\$5.16	\$92.88
42	018-06-016	COVER, 4" PANDUIT	18.00	*	\$2.85	\$51.30
43	098152-T00305	PANDUIT E3X3LG6	54.00	*	\$4.65	\$251.10
44	098152-T00251	COVER, PANDUIT #C3LG6 3"X 6' L	54.00	*	\$1.31	\$70.74
45	098152-T00256	PANDUIT E2X3LG6 TAYLOR #92030	12.00	*	\$2.01	\$24.12
46	098152-T00259	COVER, PANDUIT #C2LG6 2"X 6'	12.00	*	\$0.45	\$5.40
47	007152	CON LN 3/4	5.00	*	\$0.10	\$0.50
48	230072-T09988	NIPPLE, INSULATED CHASE, T&B #	5.00	*	\$2.55	\$12.75
49	455999-T00017	WIRE, 1C #12 INSULATED, GREEN,	20.00	*	\$0.17	\$3.40
50	400999-T00027	WIRE, #6 SOLID SOFT DRAWN COPP	6.00	*	\$0.67	\$4.02
51	T17524	MODEM, CELLULAR CDMA/ANALOG	1.00	*	\$718.83	\$718.83
52	8000-80291-0001	SEAR II CCMM ISOLATOR UNIT	1.00	\$450.00	\$337.50	\$337.50
53	T17638	CABLE, SERIAL, DB9M TO DB9M	1.00	*	\$5.70	\$5.70
54	T17639	CABLE, SERIAL DB9F TO DB25M	1.00	*	\$19.67	\$19.67
55	T14025	BATTERY, NI-CAD 250 AH SPL-250	20.00	*	\$262.15	\$5,243.00
						\$44,559.83



Quote For:
 Kansas City Southern Railway
 FAS 745 - RANGE LINE RD. - DELHI, IL
 Asset#: 982419

Date: 3/25/2008
 Est. No.: XP-4626

ITEM	PART NUMBER	GROUND MATERIAL	QTY.	LIST PRICE	KCS PRICE	TOTAL
1	032619-3X	WRENCH, TERMINAL MODEL 619-3	1.00	\$23.00	\$17.25	\$17.25
2	210078-T09605	ARRESTOR, LA. 302, DELTA, 250V	1.00	*	\$34.58	\$34.58
3	115026-T00514	BONDJOINT X5 STYLE 5B5-2488-3	100.00	*	\$4.03	\$403.00
4	115026-T09984	BOND, BOOTLEG W/POWDERS,	12.00	*	\$4.65	\$55.80
5	112136-T09603	ROD, GROUND, BLACKBURN #6258	7.00	*	\$10.84	\$75.88
6	T17883	CONNECTION, GROUND ROD	7.00	*	\$8.37	\$58.59
7	999026-T08742	CLIP, TRK. CIRCUIT RETAINER, 1	12.00	*	\$3.53	\$42.36
8	090033-T11626	TUBING, SHRINK, 3M#ITCSN110048	2.00	*	\$32.86	\$65.72
9	231071-T09604	PADLOCK, MASTER #2-KAR, 2C82	8.00	*	\$19.75	\$158.00
10	008711-T10083	PAINT, INDUSTRIAL GRAY ENAMEL,	1.00	*	\$28.35	\$28.35
11	999999-T06734	PLASTER, OF PARIS, 8LB. CARTON	2.00	*	\$8.96	\$17.92
12	116711-T09978	SEALER, SILICONE, DOW #08641	5.00	*	\$7.28	\$36.40
13	090999-T00130	SLEEVE, NICOPRESS 6-6 (2363-J)	12.00	*	\$2.19	\$26.28
14	092033-T10289	TAG, 1" E-Z CODE POCKET PACK,	1.00	*	\$23.53	\$23.53
15	092033-T11625	TAG, 3/4" EZ CODE POCKET PACK,	1.00	*	\$24.32	\$24.32
16	092044-T01098	TAG, WHITE PLASTIC, 2000-1	100.00	*	\$0.15	\$15.00
17	T13024	TAPE, 130C 3M LINERLESS	2.00	*	\$12.12	\$24.24
18	T13871	TAPE, VINYL ELECTRICAL, 3M	2.00	*	\$4.69	\$9.38
19	097000-T00003	TERMINAL,RING TONGUE,WIRE RANG	8.00	*	\$1.06	\$8.48
20	099705-T09998	CABLE, 4 CONDUCTOR, #6, 4/C BC	200.00	*	\$4.43	\$886.00
21	400999-T00027	WIRE, #6 SOLID SOFT DRAWN COPP	100.00	*	\$0.67	\$67.00
22	T17187	CABLE, U.G. 7C#6 SOLID COPPER	500.00	*	\$6.53	\$3,265.00
23	452244-T02245	CABLE, U.G. 7C#9 SOLID COATED	500.00	*	\$3.89	\$1,945.00
24	099026-T09582	BONDSTRAND, RED INSULATED,6/64	200.00	*	\$1.14	\$228.00
25	099056-T00379A	CABLE, U.G. 2C #6 TW. #150-1	500.00	*	\$1.56	\$780.00
26	400999-T00307	CABLE REEL, 30"X22" X 14" X5/8	4.00	*	\$32.05	\$128.20
27	T13884	KIT, MARKING WIRE & TERMINAL	1.00	*	\$27.00	\$27.00
28	T16299	FOUNDATION, AMERICAN CONCRETE	2.00	*	\$185.27	\$370.54
29	330276-T09586	FOUNDATION, CONCRETE SIGNAL, A	1.00	*	\$369.04	\$369.04
30	T17340	TOWER 50' STANDARD TILT-DOWN	1.00	*	\$3,242.14	\$3,242.14
31	117269-T11634	PVC, PIPE 2" X 20' SCH 80	1.00	*	\$37.79	\$37.79
32	117000-T11854	PVC, COUPLING, 2" SCH 80	10.00	*	\$5.85	\$58.50
33	T13023	PVC, ELBOW, 2" , SCHD. 80	2.00	*	\$11.11	\$22.22
34	T13505	PVC,2" SCH 80, 90 DEG. SWEEP	2.00	*	\$21.25	\$42.50
35	012-00-004	CEMENT, PVC	1.00	*	\$7.58	\$7.58
36	T12808	PRIMER/CLEANER FOR PVC & CPVC	1.00	*	\$7.42	\$7.42
37	0K04-80276-XSOS	OMNI / SIDE MNT. ANTENNA KIT	1.00	*	\$854.76	\$854.76
38	0K04-CDMAM-DBOA	DUAL BAND OMNI- ANTENNA KIT	1.00	*	\$907.04	\$907.04
39	627750-8621-156	SHUNT 8621 BOX ASSY KCS 15GHZ	2.00	\$1,125.00	\$843.75	\$1,687.50
40	409915-T09043	PADLOCK, COMBINATION, PROGRAMM	2.00	*	\$20.69	\$41.38
41	035005-2X	U-BOLT ASSY. 5" W/HDWR	2.00	\$8.70	\$6.53	\$13.06
42	331005-T09596	GUARD, SIGNAL, 2/3 CIRCLE, FLA	2.00	*	\$1,051.71	\$2,103.42
43	T.B.D.-CELL	CELLULAR SERVICE	1.00	*	\$3,105.00	\$3,105.00
44	T.B.D.	STENCIL KIT	2.00	*	\$17.25	\$34.50
						\$21,355.67

WARNING MATERIAL

ITEM	PART NUMBER	SIGNAL # 1	QTY.	LIST PRICE	KCS PRICE	TOTAL
1	250371-T10802	GATE ARM, 18'-26', NEG ALUMI-L	1.00	*	\$285.30	\$285.30
2	259371-T10128	BRACKET, HIGH WIND, NEG 191036	1.00	\$101.00	\$75.75	\$75.75
3	070755-X1620	KIT, COUNTERWEIGHT 16'-20'	1.00	\$1,114.00	\$835.50	\$835.50
4	T15576	KIT, 3 LIGHT LED GATE ARM	1.00	*	\$245.79	\$245.79
5	253165-T09588	BELL, ELECTRONIC 4" -5" BASE	1.00	\$421.00	\$315.75	\$315.75
6	022318-4	WIRE, 18 GAUGE 3 COND. (CORD F	50.00	*	\$0.47	\$23.50
7	070519-KC5	MAST, "5" 5" X 15'6", STD. HOLE	1.00	\$1,259.00	\$944.25	\$944.25
8	074600-W00009	GATE, MODEL S-60 ENT. KCS	1.00	\$4,474.00	\$3,355.50	\$3,355.50
9	042003-031KCS	FLX-12, & X-ARM 2-WAY 5" "S"	1.00	\$775.00	\$581.25	\$581.25
10	T18707	LED, MODULE INSERT, 12" WITH	4.00	*	\$184.03	\$736.12
11	T17291	KEEPER, GATE ARM GENERAL SIG	1.00	*	\$1,358.61	\$1,358.61
12	035200-63X	SIGN, "RAILROAD CROSSING", BAC	1.00	\$279.00	\$209.25	\$209.25
13	074039-24X-KC4	KIT, 5-60 KCS WIRING HARNESS	1.00	*	\$183.21	\$183.21
14	023274-X65	BAG, HDW TEST LINK KIT GATE	1.00	\$40.58	\$30.44	\$30.44
ITEM	PART NUMBER	SIGNAL # 2	QTY.	LIST PRICE	KCS PRICE	TOTAL
1	250371-T10802	GATE ARM, 18'-26', NEG ALUMI-L	1.00	*	\$285.30	\$285.30
2	259371-T10128	BRACKET, HIGH WIND, NEG 191036	1.00	\$101.00	\$75.75	\$75.75
3	070755-X1620	KIT, COUNTERWEIGHT 16'-20'	1.00	\$1,114.00	\$835.50	\$835.50
4	T15576	KIT, 3 LIGHT LED GATE ARM	1.00	*	\$245.79	\$245.79
5	253165-T09588	BELL, ELECTRONIC 4" -5" BASE	1.00	\$421.00	\$315.75	\$315.75
6	022318-4	WIRE, 18 GAUGE 3 COND. (CORD F	50.00	*	\$0.47	\$23.50
7	250078-T09607	SIDELIGHT CANTILEVER, W.C.H. #	1.00	*	\$464.39	\$464.39
8	070519-KC5	MAST, "5" 5" X 15'6", STD. HOLE	1.00	\$1,259.00	\$944.25	\$944.25
9	074600-W00009	GATE, MODEL S-60 ENT. KCS	1.00	\$4,474.00	\$3,355.50	\$3,355.50
10	042003-031KCS	FLX-12, & X-ARM 2-WAY 5" "S"	1.00	\$775.00	\$581.25	\$581.25
11	042003-XKCS-3	FLX-4000 1-WAY 4" FLS MTG.	1.00	\$546.00	\$409.50	\$409.50
12	T18707	LED, MODULE INSERT, 12" WITH	6.00	*	\$184.03	\$1,104.18
13	T17291	KEEPER, GATE ARM GENERAL SIG	1.00	*	\$1,358.61	\$1,358.61
14	035200-63X	SIGN, "RAILROAD CROSSING", BAC	1.00	\$279.00	\$209.25	\$209.25
15	074039-24X-KC4	KIT, 5-60 KCS WIRING HARNESS	1.00	*	\$183.21	\$183.21
16	099056-T09585	WIRE, #10 TYPE DEL, 600-2000V,	40.00	*	\$0.46	\$18.40
17	023274-X65	BAG, HDW TEST LINK KIT GATE	1.00	\$40.58	\$30.44	\$30.44
						\$19,620.79

Items indicated by "*" are considered to be Non-Safetran items and are acquisition cost plus markup.

Notes:

- 1) Does not include sales tax if applicable.
- 2) Delivery 100-120 days ARO.
- 3) Conduit by others.

Material:	\$85,536.29
Shop Labor:	\$8,112.00
Engineering:	\$300.00
Sub Total:	\$93,948.29
Contingency Fee:	\$9,394.83
Sub Total:	\$103,343.12
Freight:	\$2,794.89
Total:	\$106,138.01