



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

September 14, 2007

SUBJECT: PRELIMINARY ENGINEERING

Grade Crossing Agreement

FAU Route 2845 (Western Ave)

Section 2001-069TS

Job No. C-91-178-04

Contract No. 62742

Cook County

Elgin, Joliet & Eastern Ry.

DOT/AAR No. 260 638P

RR Mile Post 23.12

Agreement No. RR104178

Mr. Raymond C. Baker
Chief Engineer
Elgin, Joliet & Eastern Railway Company
1 North Buchanan Street
Gary, IN 46402

Dear Mr. Baker:

The detailed estimate of cost in the total amount of \$380,000.00, covering your force account work at the subject location, has been reviewed and is satisfactory.

Attached is your company's original counterpart of the fully-executed agreement for your company's work at the above subject location.

Our district office will notify you when a preconstruction conference is scheduled in the near future.

Very truly yours,

Cheryl Cathey, P.E.
Chief of Preliminary Engineering

MWM:c:\s\gen\wpdocs\letters\409189.doc

cc: Diane O'Keefe (R-1) - Attn: Jose Dominguez (D-1)
Vince Sternitzke
Roger Driskell
Debbie Marks - Attn: Project Control
Design & Environment File
Unit File

RECEIVED

NOV 28 2007

Illinois Commerce Commission
RAIL SAFETY SECTION

DOCKETED

NOV 29 2007

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 the ELGIN, JOLIET AND EASTERN RAILWAY COMPANY, hereinafter referred to as the "COMPANY",

WITNESSETH:

THAT, WHEREAS, FAU Route 2845, marked Western Avenue, as located and constructed in Park Forest in Cook County, Illinois, there crosses at grade the double mainline track(s) of the COMPANY, and the crossing thus formed (DOT/AAR No. 260 638P) is constructed of prefabricated crossing surface material and protected by automatic flashing lights and gates; and

WHEREAS, in the vicinity of the grade crossing, the STATE proposes to widen the existing 42 foot pavement to 60 feet) by the construction of a pavement base course on each side thereof up to the ends of the track ties, substantially as shown on the general plan sheet(s) marked Exhibit 1 attached hereto and made a part hereof; and

WHEREAS, the work herein proposed to be performed by the COMPANY shall be completed with the highway open to traffic for all phases of the improvement with the exception that the highway shall be closed for seven (7) consecutive days (maximum) for the installation of the new grade crossing surfaces.

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 "State Required Ethical Standards Governing Contract Procurement" attached hereto as Attachment A is hereby made a part of this Agreement.

SECTION 2. The COMPANY shall prepare the detailed circuit drawings (including the surveys and other engineering services), estimates of cost, and any required specifications for the installation/relocation of the flashing light signals and gates and their operating circuits, and these drawings, estimates and specifications shall be transmitted to the STATE for approval. No approved drawing or specification shall be changed by the COMPANY without written consent by the STATE'S authorized representative.

SECTION 3. By separate document, arrangements are being made for the COMPANY to convey to the STATE the property rights necessary to construct the improvement as herein proposed.

SECTION 4. The parties hereto shall construct or cause to be constructed, the following items of work:

- (I). WORK BY THE COMPANY. The COMPANY shall furnish, or cause to be furnished, at the expense of the STATE, all of the labor, materials and work equipment required to perform and complete:
 - (a). The preparation of the detailed circuit drawings, estimate and specifications as outlined in Section 2 hereof.
 - (b). The complete assemblage and installation/relocation of the warning devices and their operating circuits as described below:

Highway Construction Stage 1

1. Install new Railroad Control Signal Cabinet at a location determined by the COMPANY.
2. Install new flashing light gate units (28' gates) and new 24' cantilevers at the proposed locations shown on Exhibit 1, attached hereto and made a part hereof.

Highway Construction Stage 2

1. Activate the newly installed warning devices.
 2. Remove the old existing warning devices.
- All as described in Exhibits 1 through 3 attached hereto and made a part hereof.
- (c). The removal of the existing grade crossing(s) proper.
 - (d). The raising of the track(s) as directed by the STATE's engineer to meet the proposed grade of the highway.
 - (e). The installation of prefabricated rubber or concrete crossings proper (including the installation of engineering filter fabric and pipe underdrains) over the tracks to extend between the back of curb lines or sidewalks extended, all as shown on Exhibit 3. This work shall be accomplished during a full closure of the highway for a maximum of seven (7) consecutive days.
 - (f). The furnishing, erection, maintenance and removal of signs, barricades and traffic control devices as required to perform and complete the work herein proposed.
 - (g). Provide COMPANY railroad flagmen to the STATE's contractor as needed. **(approximately 10 days)**
 - (h). Incidental work necessary to complete the item(s) hereinabove specified.

The estimated cost of the work to be performed by the COMPANY at the expense of the STATE as outlined above is \$380,000.⁰⁰, as contemplated by the detailed estimate of cost attached hereto.

(II). WORK BY THE STATE. The STATE shall furnish or cause to be furnished, at its expense, all of the labor, materials and work equipment required to perform and complete:

- (a). The widening of the existing pavement to 60 feet by the construction of a pavement base course on each side thereof up to the ends of the track ties, as shown on Exhibit 1.
- (b). The installation of raised medians.
- (c). Resurfacing and striping the widened pavement.
- (d). Replacement of the existing 2" traffic signal conduit under the COMPANY'S tracks if deemed necessary during construction.
- (e). The furnishing of a traffic control plan to the COMPANY.
- (f). Incidental work necessary to complete the item(s) hereinabove specified.

The STATE's work shall be awarded to a competent and experienced contractor(s) who has (have) adequate equipment, organization and finances, and the COMPANY shall be notified of the contractor(s) receiving such award for all work affecting the COMPANY's interest.

Federal-Aid Policy Guide, Chapter I, Subchapter B, Part 140, Subpart I, Section 140.922(b) (23 CFR 140I) requires that the STATE certify that the work at the job site is complete, acceptable and in accordance with the terms of this Agreement. A representative of the STATE shall be present at the job site during construction to certify the work and to

assure that all work and materials meet the requirements as set forth in the STATE's "Standard Specifications for Road and Bridge Construction" and supplements thereto. The COMPANY shall, therefore, give the STATE a 48-hour notice in advance of commencement of the work set forth in this Agreement.

SECTION 5. The COMPANY will petition the Illinois Commerce Commission in accordance with 92 Illinois Administrative Code 1535 to take jurisdiction in this matter and to enter such orders as may be necessary. The COMPANY will not petition for the construction of a new at grade pedestrian crossing.

SECTION 6. If at any time subsequent to this improvement, the track in the area of the crossing is eliminated for any reason whatsoever, the crossing proper and the track material through the crossing shall be removed with reasonable care by the COMPANY, at its expense, and the serviceable prefabricated crossing panels turned over to the STATE.

The COMPANY will not remove or replace any of the prefabricated crossing material for its routine maintenance without first having obtained concurrence from the STATE as to the serviceability of the material to be removed and/or the type of material to be used as replacement if the existing material is deemed unserviceable. The STATE shall relinquish interest in any prefabricated materials replaced in kind at COMPANY expense.

SECTION 7. The warning devices shall be placed in service immediately after the installation is completed, pending final inspection by representatives of the STATE and the Illinois Commerce Commission. The COMPANY shall notify the STATE of the date on which the completed installation will be ready for final inspection.

SECTION 8. If at any time, subsequent to the installation of the warning devices it is found that their operation is no longer necessary, then the COMPANY and the STATE shall negotiate an Agreement for their removal and reinstallation at another railroad-highway grade crossing on the COMPANY'S lines in Illinois.

SECTION 9. The STATE shall require its contractor(s) to perform his/her (their) work in accordance with the "Standard Specifications for Road and Bridge Construction" adopted January 1, 2002, and the "Supplemental Specifications" in effect on the date of invitation for bids. The STATE shall further required its contractor to obtain Umbrella Insurance Coverage with a limit of not less than \$4,000,000 each occurrence/\$4,000,000 aggregate. The coverage provided by this policy shall be at least as broad in scope as the underlying liability coverages specified for Statutory Workers' Compensation/Employers Liability policy, the Commercial General Liability policy and the Commercial Automobile Liability policy. The STATE further agrees to require its contractor to name, Transtar/EJ&E, their officers, directors, stockholders, employees and agents as additional insureds and shall be endorsed to provide coverage to these additional insureds on a primary basis without seeking contribution from any other insurance or self insurance available to Transtar/EJ&E in the Statutory Workers' Compensation/Employers Liability policy, the Commercial General Liability policy, the Commercial Automobile liability policy and the Commercial Umbrella policy. These policies shall also contain Severability of Interest clauses and Waivers of Subrogation in favor of Transtar/EJ&E, their officers, directors, stockholders, employees and agents.

Flagging costs shall be billed directly to the STATE as part of the COMPANY's force account work. As directed by the STATE's representative, the COMPANY shall provide daily or weekly reports of flagging hours to the STATE's representative at the job site for documentation and approval prior to submittal for payment.

The COMPANY agrees to bill the STATE for only those costs deemed eligible in the Federal-Aid Policy Guide, Chapter I, Subchapter B, Part 140, Subpart I (23CFR 140I) and its supplements.

SECTION 10. Subsequent to the award of any contract(s), and before any work is started on this project, a conference shall be held between the representatives of the STATE, the COMPANY, and the interested contractor(s), at a time and place as designated by the STATE's representative, for the purpose of coordinating the work to be performed by the several parties, and at which time a schedule of operations will be adopted.

SECTION 11. Each party will provide the necessary engineering and inspection for carrying out its work as herein set forth, and the costs for such services shall be borne by the STATE. The costs as incurred by the COMPANY for inspecting the work performed by the STATE as may affect its properties and facilities, or the safety and continuity of train operations, shall be borne by the STATE.

SECTION 12. The STATE shall require its contractor(s), before entering upon the COMPANY's right of way for performance of any construction work, or work preparatory thereto, to notify the authorized representative of the COMPANY for the occupancy and use of the COMPANY's right of way outside the limits of the structure, and to comply with his recommendations relative to the requirements for railroad clearances, operation and general safety regulations.

SECTION 13. The safety and continuity of operation of the traffic of the COMPANY shall be at all times protected and safeguarded, and the STATE shall require its contractor(s) to perform the work accordingly. Whenever the work may affect the safety of trains, the method of

doing such work shall first be submitted to the COMPANY's authorized representative for his approval without which it shall not be commenced or prosecuted. The approval of the COMPANY's authorized representative shall not be considered as a release from responsibility, or liability for any damage which the COMPANY may suffer, or for which it may be held liable by the acts of the contractor(s), or those of their subcontractor(s), or their employees.

SECTION 14. The STATE shall require its contractor(s), upon the completion of the work of such contractor(s), to remove from within the limits of the COMPANY's right of way all machinery, equipment, surplus materials, falsework, rubbish or temporary buildings of such contractor(s), and to leave the right of way upon which the said contractor(s) carried on operations in a neat condition, satisfactory to the authorized representative of the COMPANY.

SECTION 15. Upon the completion of the work herein contemplated, the COMPANY shall operate and maintain, at its expense, the warning devices and the grade crossings(s) proper, and the STATE shall maintain, or cause to be maintained, the highway up to the ends of the track ties.

SECTION 16. The COMPANY shall keep an accurate and detailed account of the actual cost and expense as incurred by it, or for its account, in the performance of the work it herein agrees to perform.

The COMPANY, for performance of its work as outlined in Section 4 hereof, may bill the STATE monthly for the costs and expenses incurred. The progressive invoices may be rendered on the basis of an estimated percentage of the work completed.

The COMPANY, upon the completion of its work, shall render to the STATE a detailed statement (in sets of four) of the actual cost and expense as incurred by it or for its account. After the STATE's representatives have checked the progressive invoices or the final statement and they have agreed with the COMPANY's representatives that the costs are reasonable and proper, insofar as they are able to ascertain, the STATE shall make such payments to the COMPANY within sixty (60) days of receipt of the invoices, the applicable portions of 30ILCS 540 (State Prompt Payment Act) shall be enforced.

The COMPANY shall maintain, for a minimum of 3 years after the completion of the contract, 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 shall be available for review and audit by the Auditor General and other STATE auditors; and the COMPANY agrees to cooperate fully with any audit conducted by the Auditor General and other STATE auditors 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.

After the Federal or STATE representatives have audited the expenses as incurred by the COMPANY, including such amounts as may have been suspended from any previous payment, the STATE shall promptly reimburse the COMPANY for the any suspended amounts, less the deduction of any item(s) of expense as may be found by the Federal or STATE representatives as not being eligible for reimbursement. If the total of the item(s) of expense as may be found by the Federal or STATE representatives as not being eligible for reimbursement exceeds any

suspended amounts, then the COMPANY shall promptly reimburse the STATE for the overpayment.

SECTION 17. 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 DOT-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 Agreement or such other remedy deemed appropriate.

In the event any work 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 anyone under contract for public works" (Illinois Compiled Statutes, 820 ILCS 130/1) shall apply.

SECTION 18. The project herein contemplated shall be subject to all appropriate Federal laws, rules, regulations, orders and approvals pertaining to all agreements, plans, estimates, specifications, award of contract, acceptance of work and procedure in general. The STATE will reimburse the COMPANY as hereinbefore provided, for only such items of work and expense, and in such amounts and forms as are proper and eligible for payment.

SECTION 19. In the event that delays or difficulties arise in securing Federal approval, or in acquiring rights of way, or in settling damages or 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 a construction contract is executed or actual construction is

started, the STATE may serve formal notice of cancellation upon the COMPANY and this agreement shall thereupon become null and void.

SECTION 20. Obligations of the STATE under this Agreement shall cease immediately without penalty or payment should the Illinois General Assembly or the federal funding source fail to appropriate or otherwise make available funds for the project.

SECTION 21. Under penalties of perjury, the COMPANY certifies that its correct Federal Taxpayer Identification Number (TIN) is 52-1601892 and the COMPANY is doing business as a corporation.

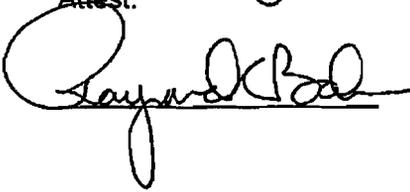
SECTION 22. This Agreement shall be binding upon the parties hereto, their successors or assigns.

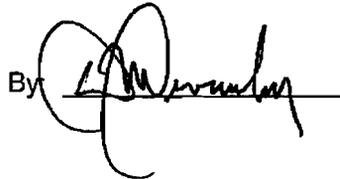
IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed in duplicate counterparts, each of which shall be considered as an original, by their duly authorized officials as of the dates below indicated.

Executed by the COMPANY, this 03
day of May, 2007.

ELGIN, JOLIET AND EASTERN RAILWAY
COMPANY

Attest:


Raymond K. Bell

By: 

Executed by the STATE, this 5th
day of September, 2007

STATE OF ILLINOIS, acting by and through
its Department of Transportation,

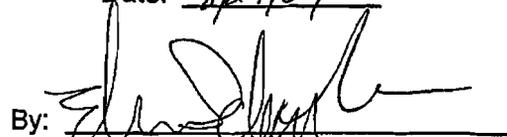
By: 
Milton R. Sees
Acting Secretary of Transportation

By: 
Ann L. Schneider
Director - Finance & Administration

Date: 9/5/07

Date: 8/29/07

By: N/A
Milton R. Sees
Director - Division of Highways
Chief Engineer

By: 
Ellen J. Schanzle-Haskins
Chief Counsel

Date: _____

Date: 8-24-07

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.

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 30ILCS 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.

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DETAILED ESTIMATE

Name of Carrier:
Elgin, Joliet & Eastern Railway Company

Date:
8-Mar-07

Page 1 of 1

Description, Conditions and Location of Project:

Install A New Complete Crossing Protection System Replacing All The Existing Equipment
At The Western Avenue At Grade Crossing, DOT # 260 638P, Park Forest, Illinois

AAR/DOT#: 260 638P **Milepost:** 23.12 ESD **Location:** Western Avenue Road Crossing
Park Forest, Illinois

Description	Unit	# of Units	Unit Cost	Material Cost	Labor	Total
Material:						
HXP-3R2 Crossing Predictor	Each	2	25,500.00	51,000.00		
PTMW 6' X 6' Powder Coat Cabin	Each	1	7,800.00	7,800.00		
US&S Model 95 Gate With LED Lights	Each	2	11,000.00	22,000.00		
Lincoln Industries Cantilever with Foundation	Each	2	14,500.00	14,500.00		
XLC-Logic Controller	Each	2	897.63	1,795.26		
VLG Gate Controller	Each	1	551.00	551.00		
VRD Relay Driver	Each	1	736.89	736.89		
Cragg 20 Amp Rail Charger	Each	2	500.00	1,000.00		
Cragg 40 Amp Rail Charger	Each	1	600.00	600.00		
Batteries	Each	19	279.11	5,303.09		
New Electrical Service Material	Lot	1	3,000.00	3,000.00		
Track Cable 2/C #6 AWG Twisted	Ft.	1000	1.62	1,620.00		
Signal Cable 7/C #6 AWG - Gate	Ft.	1000	6.83	6,830.00		
Power Cable 3/C #2 AWG	Ft.	250	5.36	1,340.00		
Signal Cable 5/C #6 AWG(Recable signals)	Ft.	500	4.71	2,355.00		
Other Miscellaneous Material	Lot	1	2,500.00	2,500.00		
				Material Subtotal		
				Sales Tax 6.25%		
				Material Total:	130,614.44	130,614.44
LABOR:						
Signalman	MH	950	24.14		22,933.00	
C&E Lineman	MH	75	24.14		1,810.50	
75.50 % Additive					18,681.34	
Engineering and Accounting	lot	1	3,500.00		3,500.00	
65.34% Additive					2,286.90	
				Labor Total:	49,211.74	49,211.74
OTHER:						
Tree/Brush Removal	Lot	1	10,990.00	10,990.00		
Underground Conduit Bore	Lot	1	10,500.00	10,500.00		
				Other Total:	21,490.00	21,490.00
Total:						201,316.19
Total Project Expenditure						201,316.19

Install road crossing surface and track panels at Western Ave 3-6-07

Description	No. Unit	Unit	Unit cost	Sub-Total	Total
Labor					
Track Foreman	48	HR	\$21.23		\$1,019
Track Foreman OT	30	HR	\$31.84		\$955
RMO	64	HR	\$19.92		\$1,275
RMO OT	44	HR	\$29.88		\$1,315
Trackmen	140	HR	\$17.95		\$2,513
Trackmen OT	112	HR	\$26.93		\$3,016
Crane Operator	140	HR	\$20.65		\$2,891
Crane Operator OT	62	HR	\$30.97		\$1,920
Carpenter Foreman	40	HR	\$21.23		\$849
Carpenter Foreman OT	10	HR	\$31.84		\$318
Carpenter	128	HR	\$19.94		\$2,552
Carpenter OT	40	HR	\$29.76		\$1,190
Truck Driver	24	HR	\$18.85		\$452
Truck Driver OT	12	HR	\$28.28		\$339
Welder Foreman	32	HR	\$21.23		\$679
Welder Foreman OT	16	HR	\$31.84		\$509
Welder	32	HR	\$19.64		\$628
Welder OT	16	HR	\$29.46		\$471
Sub-Total Labor					\$22,895
Labor Additive 76%					\$17,286
Days of Per diem 20					\$39.00
Total Estimate Labor					\$40,960

Material					
Rail 136lb	480	feet	\$22.50		\$10,800
9' Switch Ties	133	ea	\$50.00		\$6,650
Pandrol Plates	266	ea	\$8.00		\$2,128
Compression Clips	532	ea	\$5.00		\$2,660
136# Joint Bars	4	ea	\$80.00		\$320
132/136# Joint Bars	8	ea	\$150.00		\$1,200
Rubber Surface	180	feet	\$190.00		\$34,200
Granite Ballast	200	tons	\$14.00		\$2,800
Track Bolts	48	ea	\$1.75		\$84
Track Washers	48	ea	\$0.50		\$24
Filter Fabric/Culvert	1	lot	\$1,250.00		\$1,250
Drainage Mat	1	lot	\$1,200.00		\$1,200
Boutet Weld Kits	12	ea	\$100.00		\$1,200
Sub-Total Material					\$64,516
Material Additive 5%					\$3,226
Sales Tax 6.25%					\$4,032
Total Estimated Material					\$71,774

Equipment					
Ohio Crane	4	days	\$1,206.00		\$4,824
Payloader	8	days	\$457.00		\$3,656
Welder Truck	5	days	\$125.00		\$625
Tamper	3	days	\$2,035.00		\$6,105
Regulator	3	days	\$917.00		\$2,751
Gang Truck	5	days	\$218.00		\$1,090
B&B Truck	5	days	\$354.00		\$1,770

Dump Truck	4 days	\$246.00		\$984
Air Compressor	4 days	\$139.00		\$556
Super Truck	4 days	\$354.00		\$1,416
Total Estimated Equipment				\$23,777
Outside Contractor-Blacktops			1 lot	\$26,000
Signage Contractor			1 lot	\$7,000
Contingencies +/- 5%				\$8,476
Total Estimated Cost				\$178,000

*Job requires a full road closure for 7 days

*Does not include signal cost/ or flagging costs