

2009-80

Michael E. Stead, ICC



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

ORIGINAL

RECEIVED
DEC 17 2002

Illinois Commerce Commission
RAIL SAFETY SECTION

December 10, 2002

SUBJECT: PRELIMINARY ENGINEERING
Grade Crossing Agreement
FAP Route 649 (IL 17)
Section 02R-4-C1
Project RRS-0649(009)
Job No. C-94-084-02
Marshall County

Milepost 134.73
DOT/AAR No. 603 989P

TB Vol. 05/No. 047

X-11874

Mr. Patrick Sheldon
Asst. Vice President, Engineering & Mechanical
Iowa Interstate Railroad, Ltd.
800 Webster St.
Iowa City, Iowa 52240-4806

Dear Mr. Sheldon:

As requested by your November 4, 2002 letter, we are transmitting your Company's original counterpart of the fully-executed Agreement for the subject project.

The detailed estimate of cost in the total amount of \$71,572.44 attached to your letter covering your force account work at the subject grade crossing has been reviewed and is satisfactory.

Your Company is hereby authorized to assemble its materials and to proceed with its work as outlined under the terms of our Agreement.

At present, the following prefabricated crossings have been accepted by IDOT for use:

prefabricated concrete

prefabricated rubber

1. OMNI Standard Concrete
2. StarTrack II
3. KSA (full-width)
4. Premier Advanced Panel (non-clad, lag-down model only)
5. American Concrete (framed, lagless)
6. Century (framed, lagged)
7. U.P./BNSF Standard Crossing

1. Hi-Rail
2. OMNI Steel Reinforced (Redhawk)
3. OMNI Heavy Duty (full-depth, Redhawk)
4. RAILWAY-INC. (full-depth)

Mr. Pat Sheldon
Asst. Vice President, Engineering & Mechanical
Iowa Interstate Railroad, Ltd.
Page 2
December 10, 2002

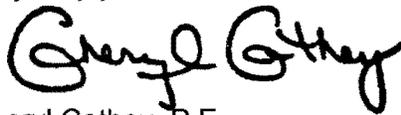
Please advise which material will be installed.

Prior to scheduling actual construction activities, you are required to notify Ms. Susan Eckhoff at our district office in Peoria, Illinois, telephone (309) 671-3372, as specified in the "Standard Provisions for State-Railroad Grade Crossing Agreements" attached to and made part of our Agreement.

This authorization to proceed is given with the condition that the NATIONAL GRADE CROSSING INVENTORY UPDATE FORM OMB-2130-0011 (FRA F-6180.71) be filed with the Director of Processing, Transportation Division, Illinois Commerce Commission within 5 days of the completion of the improvement at the crossing. Please also notify this office when your work is completed.

All bills for work performed at this location are to be forwarded to our district office at the address listed above for payment. Your bills must include all identification included in the subject of this letter.

Very truly yours,



Cheryl Cathey, P.E.
Chief of Preliminary Engineering

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cc: J. E. Crowe – Attn: Randy Hopper - Attached are three copies of the Agreement

Project Control - Attn: Clarence Crowder
Michael E. Stead, ICC
Design & Environment File
Unit File

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 IOWA INTERSTATE RAILROAD, LIMITED, hereinafter referred to as the "COMPANY",

WITNESSETH:

THAT, WHEREAS, FAP Route 649, Marked IL 17, as located and constructed in the Village of Sparland in Marshall County, Illinois, there crosses at grade the single mainline track(s) of the COMPANY, and the crossing thus formed (DOT/AAR No. 603 989P) is constructed of prefabricated rubber and protected by cantilever mounted automatic flashing lights; and

THAT, WHEREAS, in the interest of public safety and convenience, the parties hereto propose to rehabilitate the existing crossing surface, all substantially as shown on the general plan sheet(s) marked Exhibit(s) A, 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 closed to highway traffic; and

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 "Standard Provisions for State-Railroad Grade Crossing Agreements" attached hereto are hereby made a part of this Agreement, except that Provision 5 shall not be applicable. The "State Required Ethical Standards Governing Contract Procurement: attached hereto as Attachment A is hereby made a part of this Agreement.

SECTION 2. 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 removal of the existing grade crossing(s) proper.
 - (b). The raising of the track(s) to meet the proposed grade of the highway as shown on Exhibit A.
 - (c). The installation of prefabricated rubber or concrete crossing proper (including the installation of engineering filter fabric and pipe underdrains) over the tracks to extend between the outside edges of the sidewalks, all as shown on Exhibit A.
 - (d). The removal and replacement of the pavement approaches with bituminous concrete, Class I, all as shown on Exhibit A.
 - (e). The furnishing, erection, maintenance and removal of signs, barricades and traffic control devices as required to perform and complete the work herein proposed.
 - (f). 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 \$ 21,572.44, 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 furnishing of a traffic control plan to the COMPANY.

(b). Incidental work necessary to complete the item(s) hereinabove specified.

SECTION 3. 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 4. Upon 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 5. Pursuant to the International Anti-Boycott Certification Act, Illinois Public Act 88-671, 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 6. Under penalties of perjury, the COMPANY certifies that its correct Federal Taxpayer Identification Number (TIN) is 36-3304791 and the COMPANY is doing business as a corporation.

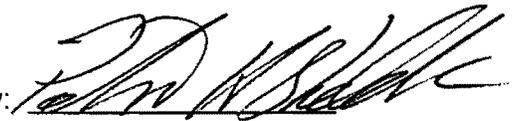
SECTION 7. This Agreement shall be binding upon the parties hereto, their successors or assigns.

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 4th
day of November, 2002

Attest:

IOWA INTERSTATE RAILROAD, LIMITED

By: 

Executed by the STATE, this 9th
day of December, 2002

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

By: 
Director of Highways

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STANDARD PROVISIONS FOR STATE-RAILROAD GRADE CROSSING AGREEMENTS

1. All of the COMPANY'S work shall be performed in accordance with the terms, stipulations, and conditions as contained in the Federal-Aid Policy Guide, Chapter I, Subchapter B, Part 140, Subpart I, and any supplements thereto.
2. The COMPANY, for the performance of its work, may bill the STATE monthly (in sets of 4) for the STATE'S share of the actual costs and expenses incurred. These progressive invoices may be rendered on the basis of the estimated percentage of the work completed. The STATE, after verifying that the bill is reasonable and proper, shall promptly reimburse the COMPANY for 100 percent of the amount billed, but not to exceed the amount agreed upon.

The COMPANY, upon the completion of its work, shall send the STATE a detailed final statement (in sets of 4) of its actual expense as incurred, including allowable additives. After the STATE'S representatives have checked the final statement and have agreed that the costs are reasonable and proper, insofar as they are able to ascertain, the STATE shall reimburse the COMPANY in an amount, less previous payments, if any, equal to 100 percent of the amount agreed upon or the amount billed, whichever is less.

The COMPANY shall maintain, for a minimum of 5 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 STATE; and the COMPANY agrees to cooperate fully with any audit conducted by the STATE 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, and final inspection of the installation has been made, the STATE shall reimburse the COMPANY for the retained percentage and the suspended items of expense less the deductions of any item (or items) of expense found by federal or STATE representatives as not being eligible for reimbursement.

3. 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 contracts, 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.
4. In compliance with the Federal-Aid Policy Guide, Chapter I, Subchapter G, Part 646, Subpart B, and supplements, which determines the railroad benefit and liability, the

proposed grade crossing improvement meets Classification (1) of Section 646.210(b), a category not considered as a benefit to the COMPANY, and no contribution by the COMPANY is required.

5. When the roadway is to be closed to vehicular traffic while the railroad work is being performed, the STATE at its expense shall furnish, erect, maintain and remove the traffic control devices necessary to detour highway traffic after the COMPANY gives two weeks advance notice to the STATE'S District Engineer.

When the COMPANY is to perform its work while maintaining highway traffic, the STATE shall furnish or cause to be furnished, at its expense, the signs, barricades and traffic control devices for erection by the COMPANY after two weeks advance notice is given the STATE'S District Engineer. The COMPANY, at the expense of the STATE, shall erect, maintain, relocate, and remove the signs, barricades, and other traffic control devices, including the furnishing of flagging personnel, as required to maintain highway traffic throughout the time the railroad work is being performed.

6. The COMPANY may bill the STATE (in sets of 4) for the STATE'S 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 in this Agreement. 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-hours 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 single pay item less than \$500.

In the event the COMPANY fails to install the stored material during a one-year period subsequent to payment to the COMPANY, the STATE may enter the property of the COMPANY and take possession of said material for the STATE'S own use. The taking possession of the material by the STATE shall in no way serve to terminate this Agreement or affect the other provisions of this Agreement.

7. Federal-Aid Policy Guide, Chapter I, Subchapter B, Part 140, Subpart I, Section 140.922(b) 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 highway approach 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.

This notice may be given by writing the STATE'S District Engineer, 401 Main St., Peoria, Illinois 61602, or by telephoning Ms. Sue Eckhoff at (309) 671-3372. The cost of any construction work performed by the COMPANY at the job site prior to the expiration of the 48-hour notice shall be borne by the COMPANY. The 48-hour notice shall begin upon receipt of the 48-hour notice by the State's District Engineer.

8. 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 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, or any public body or any political subdivision or by any one under contract for public works" (Illinois Compiled Statutes, 820 ILCS 130/1) shall apply.

9. Pursuant to the International Anti-Boycott Certification Act, Illinois Public Act 88-671, 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.
10. 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, should the Illinois General Assembly or the Federal Highway Administration fail to appropriate or otherwise make available funds for the PROJECT.

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.

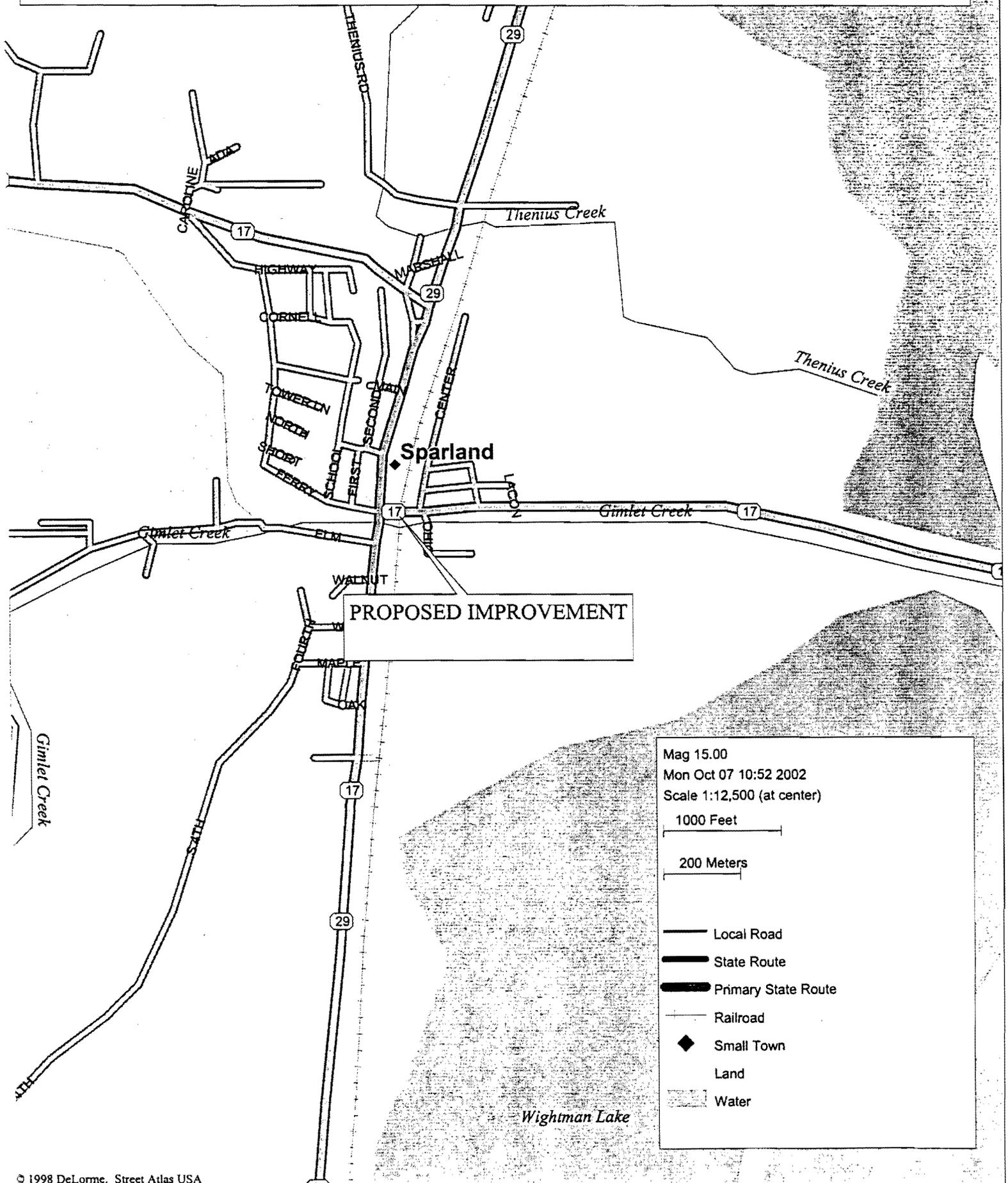
Drug Free Workplace. The Illinois Drug Free Workplace Act applies to this contract and it is necessary to comply with the provisions of the Act if the COMPANY is a corporation, partnership, or other entity (including a sole proprietorship) which has 25 or more employees.

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.

Debt Delinquency Certification. The COMPANY certifies it is not delinquent in the payment of any debt to the STATE (or if delinquent has entered into a deferred payment plan to pay the debt), and the COMPANY acknowledges the STATE may declare the Agreement void if this certification is false (30 ILCS 600/50-11, effective July 1, 2002).

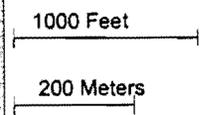
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LOCATION MAP



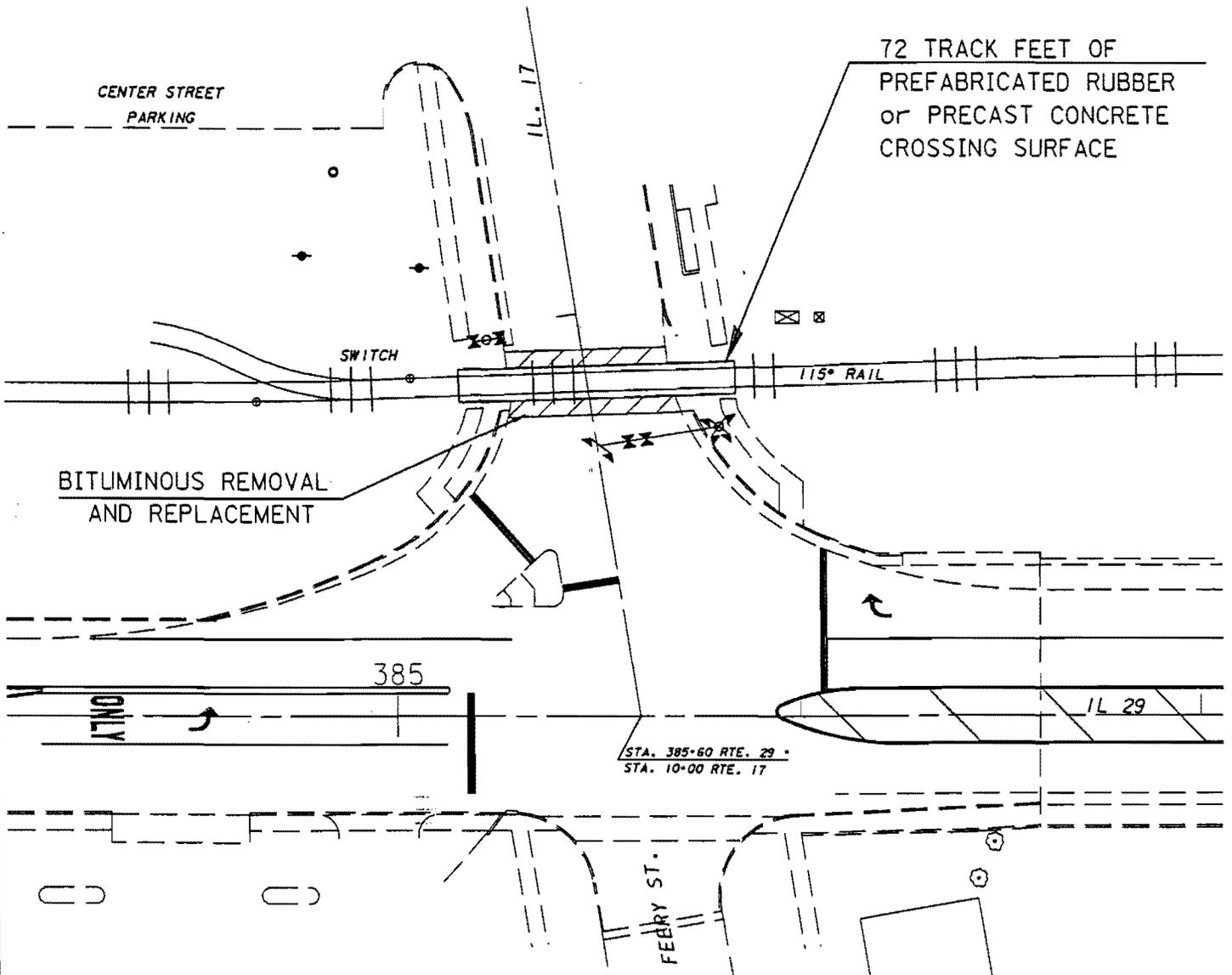
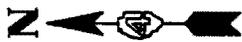
PROPOSED IMPROVEMENT

Mag 15.00
Mon Oct 07 10:52 2002
Scale 1:12,500 (at center)



- Local Road
- State Route
- Primary State Route
- Railroad
- Small Town
- Land
- Water

- SPARLAND -



EXISTING CROSSING
 OMNI PREFAB. RUBBER
 CROSSING NO. 603 989P
 (115° RAIL) - WELDED

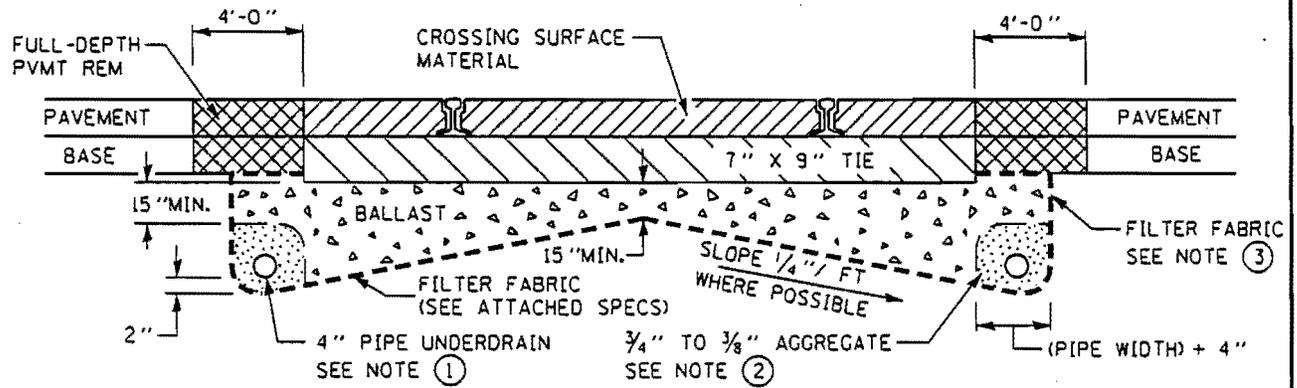
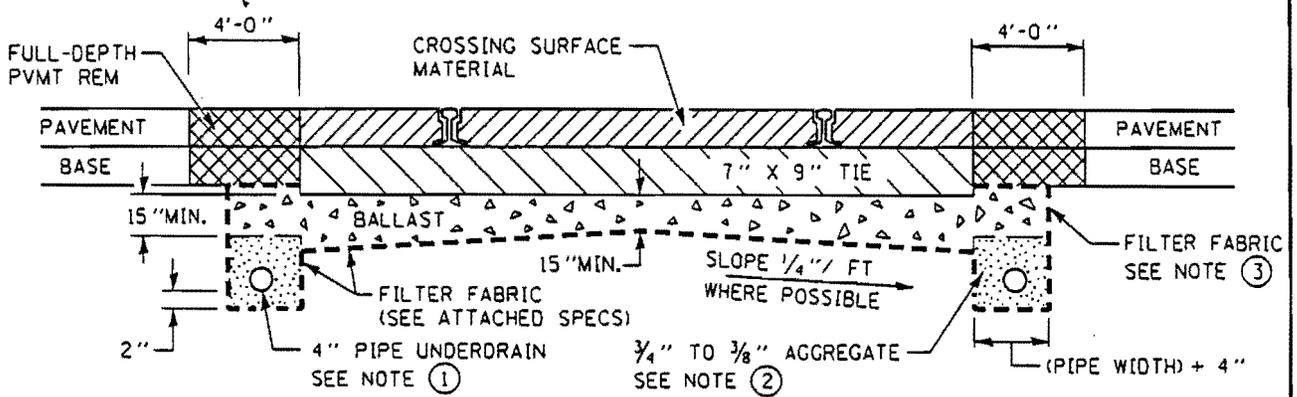
DAILY	TRAIN	TRAFFIC
PASSENGER		0
FREIGHT		2
AVERAGE DAILY TRAFFIC		
2002		7100
2012		--00

GRADE CROSSING IMPROVEMENT
 ROUTE FA 649 (IL 17)
 SECTION 02R-4-C1
 JOB NO. C-94-084-02
 MARSHALL COUNTY
 IAIS RAILROAD, LTD.
 NATIONAL CROSSING NO. 603 989P
 R.R. M.P. - 134.73

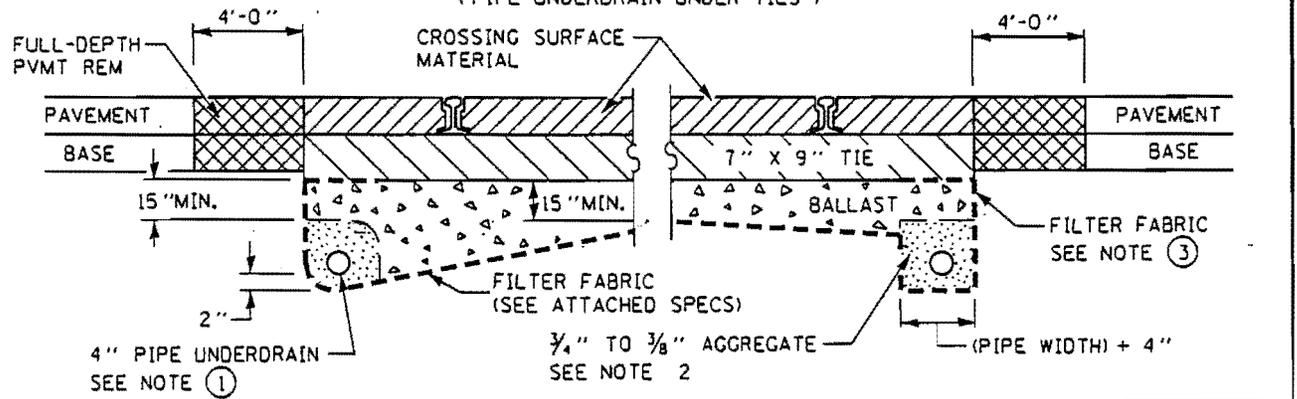
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TYPICAL PIPE UNDERDRAIN INSTALLATION

(PREFERRED METHODS)



(LEAST ACCEPTABLE METHOD)
(PIPE UNDERDRAIN UNDER TIES)



- ① 4" PIPE UNDERDRAINS SHALL MEET OR EXCEED AASHTO M278, AASHTO M252 OR AASHTO F 949 (SEE SECTION 601 OF IDOT STANDARD SPECIFICATIONS)
- ② 4" PIPE UNDERDRAINS SHALL BE SURROUNDED BY COURSE AGGREGATE FREE OF FINES MEETING IDOT SPECIFICATIONS SECTION 704 FOR CA 13, 14, 15 OR 16
- ③ FILTER FABRIC SHALL BE FIRMLY HELD IN PLACE AT THE EDGES DURING PLACEMENT OF BALLAST AND LAPPED OVER BALLAST BEFORE PLACING BASE COURSE.

**JOINT UTILITY LOCATING
INFORMATION FOR EXCAVATORS**
1-800-892-0123

GRADE CROSSING IMPROVEMENT
ROUTE
COUNTY
SECTION
RAILROAD
DOT/AAR
RR MILEPOST

State of Illinois
Department of Transportation

SPECIAL PROVISION
FOR
USE OF GEOTEXTILE FABRIC FOR
RAILROAD CROSSING

Effective January 1, 1995
Revised January 1, 1997

Description. This work shall consist of furnishing and installing geotextile fabric for railroad crossings.

Materials. The geotextile fabric shall consist of woven monofilaments or nonwoven filaments of polypropylene, polyester or polyethylene. Nonwoven fabric may be needle punched, heat bonded, resin-bonded or combinations thereof. The fabric shall be inert to commonly encountered chemicals, rot proof, dimensionally-stable (i.e., fibers must maintain their relative position with respect to each other), resistant to delamination and conform to the following physical properties.

Weight g/m ² (oz. yd ²)	340 (10.0) min.	ASTM D 3776
Grab Tensile Strength kN(lb.) ¹	1.11 (250) min	ASTM D 4632
Grab Elongation at break %	20 min.	ASTM D 4632
Bursting Strength kPa(psi)	2410 (350) min.	ASTM D 3786
Trapezoidal Tear Strength kN(lb.)	0.44 (100) min.	ASTM D 4533
Puncture Strength kN(lb.)	0.59 (130) min.	ASTM D 4833
Apparent Opening Size Sieve No.	300 μm-150 μm (50-100)	ASTM D 4751
U.V. Resistance, Strength Retained %	70 min.	ASTM D 4355

¹ Test samples for grab tensile strength and elongation shall be tested wet.

The vendor shall furnish certified test reports with each shipment of material attesting that the fabric meets the requirements of this specification.

CONSTRUCTION REQUIREMENTS

Handling and Storage. Fabric shall be delivered to the job site in such a manner as to facilitate handling and incorporation into the work without damage. In no case shall the fabric be stored exposed to direct sunlight.

Installation. Geotextile fabric shall be placed on existing subgrade cleared of debris and sharp objects to prevent damage to the fabric. All laps shall be a minimum 300 mm (12 inches). The fabric shall not be punctured during compaction of the ballast.

GRADE CROSSING SURFACE REPAIR ESTIMATE				AFE:
COUNTY: <u>Marshall</u>		MILE POST: 134.73		
FRA NO.: <u>603 989P</u>		STATE ID NO.:		
NAME: <u>IL 17</u>		CITY: <u>Sparland, IL</u>		
MATERIAL ITEM	QTY.	UNIT	UNIT COST	TOTAL COST
PREFABRICATED CONCRETE PANELS	72	T.F.	\$175.00	\$12,600.00
115# RAIL	240	L.F.	\$10.55	\$2,532.00
COMP. JOINTS	4	EACH	\$350.00	\$1,400.00
FIELD WELDS	0	EACH	\$105.00	\$0.00
CROSS TIES (7x9x10')	65	EACH	\$45.00	\$2,925.00
14" TIE PLATES	130	EACH	\$6.00	\$780.00
FILTER FABRIC	92	L.F.	\$1.80	\$165.60
TRACK SPIKES	2	KEGS	\$85.00	\$170.00
BALLAST	140	N.T.	\$17.50	\$2,450.00
ANCHORS	340	EACH	\$1.00	\$340.00
6" DRAINAGE PIPE	0	L.F.	\$6.00	\$0.00
SUBTOTAL:				\$23,362.60
MATERIAL HANDLING AND STORAGE:	5.00%			\$1,168.13
SUBTOTAL:				\$24,530.73
ASPHALT/PAVEMENT APPROACH	80	TONS	125	\$10,000.00
MATERIAL TOTAL:				\$34,530.73
LABOR CLASSIFICATION	HOURLY			TOTAL
	RATE	MAN DAYS	HOURS	COST
FOREMAN	\$16.60	5	40	\$664.16
TRACKMEN	\$12.73	40	320	\$4,073.92
MACHINE OPERATOR	\$16.60	15	120	\$1,992.48
WELDER	\$17.89	4	32	\$572.38
ROADMASTER	\$22.15	10	80	\$1,772.08
SUBTOTAL:				\$9,075.02
ADDITIVE RATE:	0.6286			\$5,704.56
SUBTOTAL:				\$14,779.58
	PER DIEM	LODGING	DAYS	
EMPLOYEE EXPENSES & LODGING	20	50	74	\$5,180.00
TOTAL LABOR COSTS:				\$19,959.58
OUTSIDE SERVICES ITEM	QTY.	UNIT	UNIT COST	TOTAL COST
SIGNAL WORK - (AST)	1	L.S.	2500	\$2,500.00
ISCELLANEOUS CONSTRUCTION COST	1	L.S.	5000	\$5,000.00
TRAFFIC CONTROL				\$5,000.00
EQUIPMENT & O.S. TOTAL:				\$12,500.00
MATERIAL TOTAL:				\$34,530.73
TOTAL LABOR COSTS:				\$19,959.58
MATERIAL & LABOR SUBTOTAL:				\$54,490.31
EQUIPMENT COSTS:	0.09 (OF LAB. & MAT.)			\$4,904.13
OUTSIDE SERVICES TOTAL:				\$12,500.00
SUBTOTAL:				\$71,894.44
PROJECT SUBTOTAL:				\$71,894.44
SCRAP CREDIT:	5 N.T.		70	-\$322.00
PROJECT TOTAL:				\$71,572.44