

# DRAFT

## AGREEMENT BETWEEN THE COUNTY OF LAKE AND THE COMMUTER RAIL DIVISION OF THE REGIONAL TRANSPORTATION AUTHORITY (METRA) REGARDING WINCHESTER ROAD IMPROVEMENTS

**THIS AGREEMENT** is made and entered into by and between County of Lake, a body corporate and politic of the State of Illinois (“**County**”) and the Commuter Rail Division of the Regional Transportation Authority, a division of an Illinois municipal corporation (“**Metra**” or “**CRD**”). The County and Metra are hereinafter sometimes individually referred to as a “**Party**” and jointly referred to as the “**Parties.**”

### RECITALS

A. The Constitution of the State of Illinois, Article VII, Section 10, provides that units of local government may contract among themselves in any manner not prohibited by law or by ordinance.

B. The Intergovernmental Cooperation Act, 5 ILCS 220/1 et seq., authorizes units of local government and special districts in Illinois to exercise jointly with any other unit of local government any power, privilege or authority which may be exercised by a unit of local government, individually, and to enter into contracts for the performance of governmental services, activities, and undertakings.

C. The County is currently maintaining, using, and operating Winchester Road in Libertyville, Illinois as part of the Local Highway System as County Highway #69 (“**Winchester Road**”).

D. In order to facilitate the free flow of traffic and insure safety to the motoring public, the County is undertaking the reconstruction and widening of Winchester Road (“**Improvement**”) in accordance with the approved plans and specifications which are incorporated herein and made a part of this Agreement by reference.

E. The Parties desire to determine their respective rights and obligations with respect to the construction, reconstruction, operation, inspection and maintenance of the Improvement where Winchester Road crosses at grade the Metra Milwaukee District North Line right-of-way (“**Premises**”) as delineated and described on **Exhibit A** attached to and made a part of this Agreement, including the conveyance of required Metra property interests to the County for County highway purposes.

**NOW, THEREFORE**, for and in consideration of the foregoing Recitals, which are hereby incorporated into and made a part of this Agreement and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereby agree as follows:

1. **COUNTY WORK.** The County shall perform or cause to be performed at its sole cost and expense the following work on the Premises (“**County Work**”) as delineated on Exhibit A in accordance with the plans and specifications as prepared by County and approved by Metra:

Widening and resurfacing of Winchester Road within the Metra right-of-way, except for the area of the railroad crossing.

2. **METRA WORK.** Metra shall perform the following work on the Premises (“**Metra Work**”) as delineated on Exhibit A in accordance with the plans and specifications as prepared by County and approved by Metra:

A. Installation of a new rubber crossing (“**Crossing**”). County agrees to reimburse Metra for the labor and materials for the Crossing.

B. Flagging, inspection and protective services, determined at the sole but reasonable discretion of Metra to be necessary for the safety and protection of railroad operations and the Premises, shall be provided by Metra pursuant to Sections 7 and 8 of this Agreement at County's sole cost and expense.

### 3. **PLANS, SPECIFICATION AND SCHEDULES**

A. The County, at its sole cost and expense, shall prepare detailed plans and specifications, including special provisions, for the Improvement. Said plans and specifications will include a proposed construction schedule showing the time or times construction may affect Metra operations or property.

B. The County shall submit said plans and specifications to Metra's Chief Engineering Officer for review and approval, to the extent Metra interest is affected. Metra agrees to complete its review in a timely fashion, and approval shall not be unreasonably withheld. Construction of the Improvement on the Premises shall not commence until Metra's Chief Engineering Officer or his authorized representative approves said plans and specifications in writing. Said approved detailed plans and specifications are incorporated herein by reference. The County shall make all necessary applications to regulatory agencies for approval of the Improvement and Metra agrees to and cooperate in such applications. Metra will provide all reasonable supporting documentation necessary for said applications.

3. **RELOCATIONS FOR IMPROVEMENT.** The County and Metra shall be responsible jointly for scheduling and coordinating removal or relocation of any personal property of any tenant, licensee or occupant of the Premises, if any, required by the Improvement, and Metra shall disclose to the County all such tenants, licensees and occupants using or occupying or with a right or rights to use or occupy the Premises. Such removals and relocations shall be at no cost or expense to Metra and shall be scheduled and coordinated to cause minimal interference to Metra operations.

4. **CONSTRUCTION BY COUNTY.** The County, at its sole cost, risk and expense, shall construct or cause to be constructed the County Work on the Premises in accordance with the detailed plans and specifications approved by Metra. Those approved plans and specifications may be revised, supplemented or modified only upon the joint approval of the County's Engineer

("County Engineer") and Metra's Chief Engineering Officer. Any such proposed changes shall be reviewed promptly by the County and Metra. Approval shall not be unreasonably withheld.

(a) The approval of Metra's Chief Engineering Officer or his authorized representative of plans, specifications or methods of performing the work shall not be considered a release of the County or its contractors from responsibility of liability for any damage which Metra may suffer or for which it may be held liable as a result of such work.

(b) It is recognized by the Parties that the safety and continuity of operations and traffic of both Metra and the County shall be of primary importance and shall at all times be protected and safeguarded. The County shall give ten (10) days advance written notice to the Metra's Chief Engineering Officer or his authorized representative prior to any construction work on the Improvement affecting the Premises or other Metra property ("**Property**"). The County shall require its contractors to conduct their operations at all times in full compliance with the rules, regulations and requirements of Metra.

(c) Prior to entering onto Metra's Premises, the County shall require its contractors and subcontractors performing the work on the Improvement to execute and deliver to Metra a Right of Entry Agreement ("**ROE**") along with evidence of all of the insurance required by such ROE. A ROE application may be obtained by accessing the "Metra & Business" Section of the metrarail.com website or by contacting Metra's Right of Way Administrator at (312) 322-8016. To the extent that the County shall perform the Work under this Agreement, the County represents and warrants that it is self-insured in accordance with all applicable laws and that it will comply with the provisions of Section 10 of this agreement. All reference in this Agreement to obligations, acts or operations of contractors or subcontractors of the County shall also apply to the County to the extent the County elects to directly perform any of the work.

(d) If, during construction of the Improvement, Metra's Chief Engineering Officer deems work by the County, its contractors or subcontractors hazardous to Metra operations or the Premises, such work shall be suspended, to the extent possible without affecting highway safety, until remedial measures satisfactory to Metra's Chief Engineering Officer are taken. Written notice of work deemed hazardous to Metra operations or the Premises by Metra's Chief Engineering Officer shall be supplied immediately to the County Engineer or his authorized representative.

5. **CONSTRUCTION BY METRA.** Metra shall construct or cause to be constructed the Metra Work on the Premises in accordance with the detailed plans and specifications as approved.

(a) Upon the written request of the County, Metra, within a reasonable time either prior to or after the completion of the Improvement by the County, and according to detailed plans and specifications prepared or caused to be prepared by Metra and approved by the Chief Engineer of County to the extent County's interest is affected, shall perform or cause to be performed any or all necessary work, both temporary and permanent, in connection with the adjustment, construction, reconstruction, relocation or removal of facilities ("**Facilities Work**") on the Premises or Property required by or incidental to the construction of the Improvement,

including but not limited to signal and lighting changes, relocation of wire lines, and maintenance of Metra traffic, during construction of said Improvement, including all engineering services incident thereto.

(b) Any Facilities Work performed by Metra shall be coordinated with the County. Metra and its contractors shall cooperate with the County and its contractors in scheduling and coordinating Metra work so construction of the Improvement shall progress as expeditiously as possible with minimal interference to both Metra and the County operations.

(c) If, during construction of the Improvement, the County Engineer deems work by Metra, its contractors or subcontractors hazardous to the County operations or the Improvement construction, such work shall be suspended, to the extent possible without affecting Metra operational safety, until remedial measures satisfactory to the County Engineer are taken. Written notice of work deemed hazardous to County operations or Improvement construction by the County Engineer shall be supplied immediately to Metra's Chief Engineering Officer or his authorized representative.

6. **FLAGGING.** If deemed necessary at the sole but reasonable discretion of Metra's Chief Engineering Officer, inspectors, flagmen, trackmen or other employees necessary to protect or safeguard railroad traffic and property will be provided by Metra during construction of the improvement, and Metra shall be reimbursed by the County for the expense thereof, as provided herein. Provision of Metra personnel and any precautions taken by Metra for said Improvement shall not relieve the County, its contractor, contractors, or subcontractors or any person or persons acting on behalf of or with the authority or permission of the County of liability for injury or damage arising in connection with construction of the improvement. In the event Metra's Chief Engineering Officer or his authorized representative deem any work on the Improvements affecting the Premises or Property hazardous to Metra operations, such work shall be suspended until remedial measures are taken satisfactory to Metra's Chief Engineering Officer or his duly authorized representative. Notice of work deemed hazardous to Metra operations by Metra's Chief Engineering Officer or his authorized representative shall be immediately supplied to the County Engineer.

7. **COST ESTIMATES AND REIMBURSEMENT.** County agrees that it will, upon receipt of a statement showing the amount thereof, pay all costs of any and all work performed upon the right of way and tracks of Metra which shall be made necessary by the construction, maintenance, repair, replacement, renewal or presence thereon of said Improvement. The estimated cost of the Metra Work to be performed at the expense of the County as outlined in Paragraph 2 of this Agreement is Four Hundred Fifty Eight Thousand Seven Hundred Thirty Dollars (\$458,730) as contemplated by the detailed estimate of costs approved by the County's County Engineer attached to and made a part of this Agreement as **Exhibit C** (“**Estimate**”). The Estimate shall be used solely for the purpose of appropriations and shall not be deemed a maximum or agreed to total cost. Any Change Orders for the Metra Work shall be in writing and preapproved by County's County Engineer, and said approval shall not be unreasonably withheld.

(a) During progress of the work, Metra will be reimbursed by the County within 60 days following receipt of invoices based on the current percentage of completion for each work

item including materials furnished to the job site, as certified pursuant to the provisions of the succeeding paragraph hereof, applied to the approved total estimated cost for such work. Partial payments shall be made on this basis until each work item has advanced to approximately 90% of completion, after which Metra shall submit a final bill for costs for each work item. Metra shall provide records suitable for an audit. The County shall reimburse Metra for any balance in the amounts due within 60 days after receipt of said final bill. If for any work item, the sum of the partial payments exceeds Metra's final bill, Metra shall reimburse the County for such excess amount of payment within 60 days of completion of said work item, or the County may, at its option, withhold such excess amount from any future payments due Metra.

(b) Prior to commencement of any work by Metra, Metra and the County shall each designate an authorized representative or representatives in the field who shall periodically determine and agree upon the estimated percentage of completion for each work item, and these representatives shall execute certificates specifying the percentage of completion, which shall be attached to Metra's periodic bills.

(c) Costs and expenses for work performed by Metra, as referred to in this Agreement, shall consist of the actual cost of labor, material (less material salvage credits) and Metra's standard additives. All such cost and expenses shall be substantiated and documented in a manner reasonably satisfactory to the County.

(d) If Metra elects to have any of its work required under this Agreement performed by others, contracts and contracting parties shall be subject to the approval of the County Engineer, and the County may require competitive proposals or bidding for such work. The County shall reimburse Metra for the actual agreed cost of such contracted work.

8. **INTEREST.** All payments required to be made by County to Metra under the terms, conditions, or provisions of this Agreement shall be made within sixty (60) days of County's receipt of any demand or invoice from Metra evidencing the amount of the indebtedness due. Payments not made within said sixty (60) day period shall accrue interest at a rate of one and one half percent (1 ½ %) per month or the highest amount permitted by Illinois law, whichever is less, from the date payment is due until paid.

9. **PROPERTY INTERESTS.** Metra agrees, by separate instrument and for fair and just consideration, to convey or cause to be conveyed to the County sufficient property interests, including but not limited to a permanent easement for highway and appurtenant purposes ("**Easement Area**") as delineated on Exhibit A. Metra, subject to the terms herein, shall grant to the County and its agents and contractors the right to enter upon the above stated parcels for the purpose of performing all work necessary to commence and complete the Improvement.

10. **INSURANCE.** County agrees to furnish insurance in form and in such amounts as required by Metra's Risk Management Department (312-322-7073) and shall deliver to Metra's Risk Management Department certificates of insurance or such other documentation acceptable to Metra's Risk Management Department evidencing the acquisition of the required insurance. Such policies of insurance or self-insurance shall include commercial general liability, automobile, workers compensation, and when required, railroad protective liability insurance coverage as

stated on **Exhibit B** attached to and made a part of this Agreement (“**Insurance Requirements**”). Metra reserves the right to make reasonable changes in the kinds and amounts of insurance required for continued occupancy of the Premises.

11. **MAINTENANCE AND REPAIR.** After completion of construction of the Improvement, the County, at its own expense, shall inspect, maintain, reconstruct and keep in good repair all parts of the Improvement except the Crossing and Metra signals, signal posts, lights, and other devices now used or hereafter to be used in Metra's operation.

12. **WAIVER AND INDEMNIFICATION.**

(a) To the fullest extent permitted by law, the Grantee hereby assumes and agrees to release, acquit and waive any rights which Grantee may have against and forever discharge Metra, the RTA and the NIRCRC, their respective directors, administrators, officers, employees, agents, successors, assigns and all other persons, firms and corporations acting on their behalf or with their authority, from and against any and all claims, demands or liabilities imposed upon them by law or otherwise of every kind, nature and character on account of personal injuries, including death at any time resulting therefrom, and on account of damage to or destruction of property arising out of or in any way relating to or occurring in connection with the activities permitted under the terms and provisions of this Agreement or which may occur to or be incurred by the Grantee, its employees, officers, agents and all other persons acting on the Grantee's behalf while on the Premises or arising from the condition of the Premises during the term of this Agreement, whether or not such injuries or damages are caused by the negligence or willful misconduct of Metra, the RTA, or the NIRCRC. Notwithstanding anything in this Agreement to the contrary, the releases and waivers contained in this paragraph shall survive termination of this Agreement.

(b) To the fullest extent permitted by law, the Grantee agrees to indemnify, defend and hold harmless Metra, the RTA and the NIRCRC, their respective directors, administrators, officers, agents, employees, successors, assigns and all other persons, firms and corporations acting on their behalf or with their authority, from and against any and all injuries, liabilities, losses, damages, costs, payments and expenses of every kind and nature (including, without limitation, court costs and attorneys' fees) for claims, demands, actions, suits, proceedings, judgments, settlements arising out of or in any way relating to or occurring in connection with: (i) the activities permitted under the terms and provisions of this Agreement; (ii) the condition of the Premises; (iii) the failure to investigate claims; or (iv) which may occur to or be incurred, by the Grantee, its employees, officers, agents, and all other persons acting on its behalf while on the Premises, whether or not such injuries, liabilities, losses, damages, costs, payments or expenses are caused by the negligence or willful misconduct of Metra, the RTA or the NIRCRC. Metra agrees to notify the Grantee in writing within a reasonable time of any claim of which it becomes aware which may fall within this indemnity provision. The Grantee further agrees to defend Metra, the RTA, the NIRCRC, their respective directors, administrators, officers, agents and employees against any claims, suits, actions or proceedings filed against any of them with respect to the subject matter of this indemnity provision provided, however, that Metra, the RTA and the NIRCRC, may elect to participate in the defense thereof at their own expense or may, at their own expense, employ attorneys of their own selection to appear and defend the same on behalf of Metra, the RTA, the NIRCRC, and their respective directors, administrators, officers, agents or

employees. The Grantee shall not enter into any compromise or settlement of any such claims, suits, actions or proceedings without the consent of Metra, the RTA and the NIRCRC, which consent shall not be unreasonably withheld. Notwithstanding anything to the contrary contained in this Agreement, the indemnities contained in this paragraph shall survive termination of this Agreement and the indemnification and hold harmless provisions set forth in this Agreement shall not be construed as an indemnification or hold harmless against and from the negligence or willful misconduct of Metra, the RTA or the NIRCRC with respect to any construction work performed by the Grantee or those performing on behalf of or with the authority of the Grantee in violation of the Illinois Construction Contract Indemnification for Negligence Act, 740 ILCS 35/0.01 et seq.

13. **NOTICES.** All notices, demands and elections required or permitted to be given or made by either Party upon the other under the terms of this Agreement or any statute shall be in writing. Such communications shall be deemed to have been sufficiently served if sent by certified or registered mail, return receipt requested, with proper postage prepaid, facsimile transmission or hand delivered to the respective addresses shown below or to such other party or address as either Party may from time to time furnish to the other in writing. Such notices, demands, elections and other instruments shall be considered delivered to recipient on the second business day after deposit in the U.S. Mail, on the day of successful transmission if sent by facsimile transmission or on the day of delivery if hand delivered.

(a) Notices to the Commuter Rail Division shall be sent to:

Metra  
547 W. Jackson Boulevard  
Chicago, Illinois 60661-5717  
Attn: Director, Real Estate & Contract Management  
Phone: (312) 322-8006  
Fax: (312) 322-7098

(b) Notices to County shall be sent to:

Lake County Division of Transportation  
600 West Winchester Road  
Libertyville, Illinois 60048-1381  
Attn: County Engineer  
Phone: (847) 377-7400  
Fax: (847) 984-5888

14. **SUCCESSORS AND ASSIGNS.** This Agreement shall inure to the benefit of and shall be binding upon the respective successors and assigns of the Parties hereto.

15. **MISCELLANEOUS.** This Agreement constitutes the entire contract between the Parties with respect to the subject matter of this Agreement, and may not be modified except by an instrument in writing signed by all the Parties and dated a date subsequent to the date of this Agreement. This Agreement shall be construed and enforced in accordance with the laws of the State of Illinois. The captions of the Sections of this Agreement are for convenience and are not

to be interpreted as part of this Agreement. The unenforceability or invalidity of any provision or provisions of this Agreement shall not render any other provision or provisions unenforceable or invalid provided that the Agreement, in its entirety as so reconstituted, does not represent a material change to the rights or obligations of either of the Parties. Whenever the context requires or permits the singular shall include the plural, the plural shall include the singular and the masculine, feminine and neuter shall be freely interchangeable. In the event the time for performance hereunder falls on a Saturday, Sunday or holiday, the actual time for performance shall be the next business day.

16. **PRE-CONSTRUCTION MEETING.** A pre-construction meeting shall be held between Metra and the County and its Consultants and Contractors prior to project startup.

**IN WITNESS WHEREOF**, the Parties hereto have caused this Agreement to be executed by their duly authorized representatives.

COMMUTER RAIL DIVISION OF THE  
REGIONAL TRANSPORTATION  
AUTHORITY:

County of Lake

By: \_\_\_\_\_  
Name: Donald A. Orseno

By: \_\_\_\_\_  
Name: Aaron Lawlor

Title: Interim Executive Director

Title: Chairman, Lake County Board

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Attest: \_\_\_\_\_  
Clerk, County of Lake

RECOMMENDED FOR EXECUTION

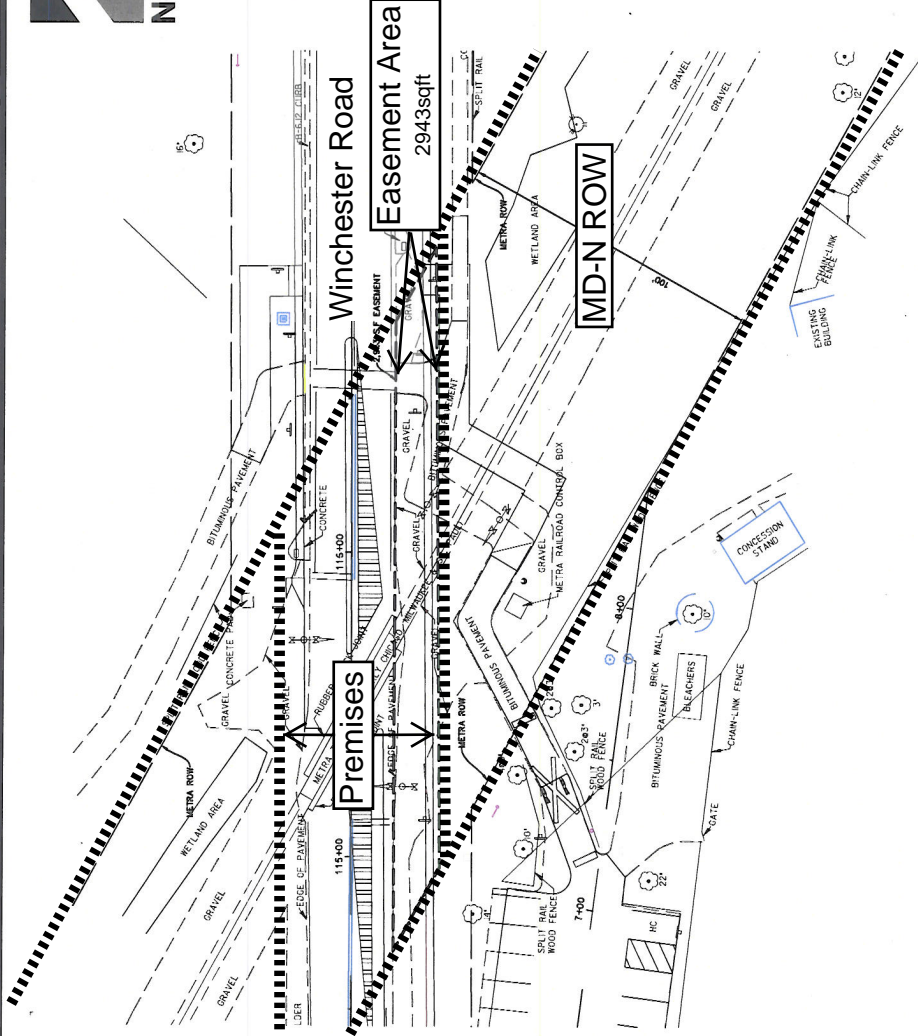
\_\_\_\_\_  
Paula J. Trigg, P.E.  
Director of Transportation/County Engineer  
Lake County





# Exhibit A

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DATE	REVISIONS	DRAWN BY

**Manhard**  
CONSULTING LTD.  
800 Woodlands Parkway, Vernon Hills, IL 60061 Tel: (847) 834-0066 www.manhard.com  
Civil Engineers • Surveyors • Water Resources Engineers • Water & Wastewater Engineers  
Contractors • Environmental Engineers • Professional Engineers, L.C. 0410101

WINCHESTER ROAD (CH 34) SECTION 10-00151-22-CH		
LIBERTYVILLE, ILLINOIS		
LCDOT/METRA RAILROAD EASEMENT EXHIBIT		
DRAWN BY: JRK	DATE: 9-11-12	SCALE: 1"=40'
PROJECT: 110124	CODE: LCDOTS	

# Exhibit A

Page 2 of 2

## **METRA EASEMENT LEGAL DESCRIPTION**

THAT PART OF THE NORTHEAST QUARTER OF SECTION 17, TOWNSHIP 44 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN DESCRIBED AS FOLLOWS:

COMMENCING AT THE INTERSECTION OF THE SOUTHERLY LINE OF WINCHESTER ROAD AND THE NORTHEASTERLY LINE OF THE NORTHEAST ILLINOIS RAIL CORPORATION (METRA) (FORMERLY CHICAGO, MILWAUKEE, ST. PAUL & PACIFIC RAILROAD); THENCE NORTH 61 DEGREES 01 MINUTES 38 SECONDS WEST ALONG SAID NORTHEASTERLY LINE, A DISTANCE OF 24.55 FEET TO THE POINT OF BEGINNING;

THENCE SOUTH 89 DEGREES 25 MINUTES 15 SECONDS WEST, A DISTANCE OF 202.75 FEET TO A POINT ON THE SOUTHWESTERLY LINE OF SAID NORTHEAST ILLINOIS RAIL CORPORATION (METRA); THENCE NORTH 61 DEGREES 01 MINUTES 38 SECONDS WEST ALONG SAID SOUTHWESTERLY LINE, A DISTANCE OF 31.52 FEET; THENCE NORTH 89 DEGREES 59 MINUTES 32 SECONDS EAST, A DISTANCE OF 206.39 FEET TO A POINT ON SAID NORTHEASTERLY LINE; THENCE SOUTH 61 DEGREES 01 MINUTES 38 SECONDS EAST ALONG SAID NORTHEASTERLY LINE, A DISTANCE OF 27.34 FEET TO THE POINT OF BEGINNING, IN LAKE COUNTY, ILLINOIS.

Prepared by:  
Manhard Consulting, Ltd.  
900 Woodlands Parkway  
Vernon Hills, Illinois 60061  
Phone: 847.634.5550  
Fax: 847.634.0095

**EXHIBIT B**  
**Insurance Requirements**  
**The Lake County Division of Transportation Winchester Road Expansion for Use**  
**and Maintenance only**

**Commercial General Liability Insurance (ISO Broad Form)** \$1,000,000 per occurrence for bodily injury or death to persons or persons and/or property damage with a \$2,000,000 aggregate and \$2,000,000 products/completed operations aggregate and remove 50 foot railroad exclusion from definition of insured contract.

**Automobile Liability Insurance** for any auto with limits of not less than \$1,000,000 combined single limit for bodily injury or death to person or persons and property damage per occurrence.

**Workers' Compensation Insurance** – Statutory amounts  
**Employers' Liability** - \$1,000,000 each accident/\$1,000,000 each employee/\$1,000,000 policy limit

All policies must be on a Primary and Non-Contributory basis.

Provide Waiver of Subrogation for the Additional Insured in all policies including WC.

Provide the following Additional Insured wording in all policies including ongoing operations and products/completed operations for GL.

The Commuter Rail Division of the Regional Transportation Authority, a division of an Illinois municipal corporation, and its affiliated separate public corporation known as the Northeast Illinois Regional Commuter Railroad Corporation, both operating under the service mark Metra as now exists or may hereafter be constituted or acquired, and the Regional Transportation Authority, an Illinois municipal corporation and other railroads operating on Metra's property.

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This report shows all estimates in the project.

**District/Subdistrict:** Milwaukee District - North Line

**Number:** Fox Lake Sub

**Project:** RENEW GRADE CROSSING @ WINCHESTER ROAD

**Forces Used:** Metra **Preparer:** fcb/arb/car/als

**Overall Work Limits:**M. P. 36.01

**Description:**

Renew grade crossing @ Winchester Road in Libertyville, Illinois.  
(Lake County)

**Comments:**

Track estimate based on full road closure.

<p><b>Project Total:</b></p> <p><b>\$458,730</b></p>
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District: Milwaukee District - North Line

Limits: M. P. 36.01

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Created: 8/30/2012

Number: Fox Lake Sub

Name: RENEW GRADE CROSSING @ WINCHESTER ROAD

Modified: 8/30/2012

Forces Used: Metra

Printed: 8/30/2012

### Project Generation Settings

#### General Settings

#### Corporate Labor Additives

Year / Type	Class	Total:
2012 Union	Work Equipment Mechanics	132.16%
2012 Union	Transportation	120.93%
2012 Union	Maintenance of Way	132.16%
2012 Corporate	Management and Inspection	132.16%
2012 Corporate	Engineering and Design	132.16%

Preparer: fcb/arb/car/als  
 Material Default to: Inventory  
 Rail Weight: 136  
 Material Additive Rate: 13.84%

#### Complex Items Used for this Project:

ItemID	Description:	Quantity	Unit	Production Unit	Production Rate
C322	117' TRACK PANEL	2	EA	1	
C324	RUBBER CROSSING	117	LF		
C327	DRAINAGE UNDER CROSSING	151	LF		
C522	GRADE XING	1	LS	1	LS

#### Additional Items

Item ID	Description	Q1	U1	R1	Q2	U2	R2	Q3	U3	R3	Totals
134S	OFFICE ENGINEER	0	EA	\$0.00	48	HR	\$37.00	0	HR	\$55.50	\$1,776
228S	TRENCHER/BACKHOE	0	DY	\$0.00	5	DY	\$236.88	0	DY	\$0.00	\$1,184
90473S	CHEVY 2 1/2 TON CRANE	0	DY	\$0.00	5	DY	\$302.75	0	DY	\$0.00	\$1,514
90475S	BOOM TRUCK	0	DY	\$0.00	5	DY	\$275.62	0	DY	\$0.00	\$1,378
S 115	SIGNAL FOREMAN	0	EA	\$0.00	160	HR	\$30.38	32	HR	\$45.57	\$6,319
S114	SIGNAL TESTMAN	0	EA	\$0.00	160	HR	\$30.24	32	HR	\$45.36	\$6,290
S116	LEAD SIGNALMAN	0	EA	\$0.00	160	HR	\$30.09	32	HR	\$45.13	\$6,259
S117	SIGNALMAN	0	EA	\$0.00	640	HR	\$29.76	64	HR	\$44.64	\$21,903
S318	06-94206-4 CABLE TRACK	1000	FT	\$2.80	0	FT	\$2.80	0		\$0.00	\$2,800
S321	06-94220-5 CABLE UG 5//C	3000	FT	\$4.60	0	FT	\$4.60	0		\$0.00	\$13,800
S325	06-94222-1 CABLE UG 7/C#	3000	FT	\$9.04	0	FT	\$9.04	0		\$0.00	\$27,120
S330	06-92300-7 FOUNDATION	3	EA	\$450.00	0	EA	\$450.00	0		\$0.00	\$1,350
S345	42-68075-1 PIPE PVC 4" SC	6	EA	\$40.00	0	EA	\$40.00	0		\$0.00	\$240
S361	00-00000-0 TAPE TAGS AN	2	EA	\$400.00	0	EA	\$400.00	0	HR	\$45.57	\$800
S438	06-94216-3 CABLE UG 5/C#	1000	FT	\$12.26	0		\$0.00	0		\$0.00	\$12,256
S490	06-10006-9 GATE MECH S4	3	EA	\$8,090.50	0		\$0.00	0		\$0.00	\$24,272
S527	06-59654-8 MICRO AIDE R	1	EA	\$3,399.00	0		\$0.00	0		\$0.00	\$3,399
S529	06-59130-9 MICRO AIDE F	1	EA	\$495.00	0		\$0.00	0		\$0.00	\$495
S561	06-61405-1 RELAY DN11 N	1	EA	\$523.60	0	EA	\$3,090.00	0		\$0.00	\$524
S625	06-94026-6 WIRE CASE FL	500	FT	\$0.77	0	FT	\$1.52	0		\$0.00	\$385



District: Milwaukee District - North Line

Limits: M. P. 36.01

Created: 8/30/2012

Number: Fox Lake Sub

Name: RENEW GRADE CROSSING @ WINCHESTER ROAD

Modified: 8/30/2012

Forces Used: Metra

Printed: 8/30/2012

Item ID	Description	Q1	U1	R1	Q2	U2	R2	Q3	U3	R3	Totals
S626	06-94020-9 WIRE CASE FL	500	FT	\$1.68	0		\$0.00	0		\$0.00	\$840
S631	00-00000-0 TRACK CONNE	2	OT	\$24.20	0		\$0.00	0		\$0.00	\$48
S632	42-68075-1 PIPE PVC 4" SC	5	EA	\$44.00	0		\$0.00	0		\$0.00	\$220
Item ID	Description	Q1	U1	R1	Q2	U2	R2	Q3	U3	R3	Totals
903	MISC RENTAL	1		\$3,500.00	0		\$0.00	0		\$0.00	\$3,500
904	TRAFFIC CONTROL	1	DY	\$8,000.00	0	DY	\$0.00	0	DY	\$0.00	\$8,000
905	PAVEMT WK APPROACHE	1		\$18,500.00	0		\$0.00	0		\$0.00	\$18,500
906	SAW CUTTING	1	CY	\$4,000.00	0	DY	\$0.00	0	DY	\$0.00	\$4,000
907	WASTE LANDFILL	1	DY	\$9,000.00	0	DY	\$0.00	0	DY	\$0.00	\$9,000
908	TRUCK HAULING	1	DY	\$9,000.00	0	DY	\$0.00	0	DY	\$0.00	\$9,000

District: Milwaukee District - North Line  
 Number: Fox Lake Sub  
 Forces Used: Metra

Limits: M. P. 36.01  
 Name: RENEW GRADE CROSSING @ WINCHESTER ROAD

Created: 8/30/2012  
 Modified: 8/30/2012  
 Printed: 8/30/2012

*Overall Project Estimate*

**Union Labor**

<i>Description</i>	<u>Standard</u>		<u>Overtime</u>		<i>Total Labor</i>
	<i>Hours</i>	<i>Rate</i>	<i>Hours</i>	<i>Rate</i>	
TRACK FOREMAN	68	\$28.03	48	\$42.05	\$3,924
ASSISTANT FOREMAN	48	\$26.44	36	\$39.66	\$2,697
MACHINE OPERATOR	136	\$28.03	130	\$42.05	\$9,279
TRACKMAN-DRIVER	68	\$24.40	48	\$36.60	\$3,416
TRACKMAN	128	\$24.10	96	\$36.30	\$6,570
WELDER	32	\$28.30	20	\$42.45	\$1,755
ASSISTANT WELDER	32	\$26.08	20	\$39.12	\$1,617
CONDUCTOR PILOT	60	\$29.38	36	\$44.07	\$3,349
SIGNAL MAINTAINER	40	\$29.64	60	\$44.46	\$3,853
B&B FOREMAN	32	\$28.03	28	\$42.04	\$2,074
B&B MECHANIC	140	\$26.16	70	\$39.24	\$6,409
WATER SERVICE FOREMAN	8	\$28.35	14	\$42.52	\$822
WATER SERVICE MECHANIC	8	\$26.92	14	\$40.38	\$781
SIGNAL FOREMAN	160	\$30.38	32	\$45.57	\$6,319
SIGNAL TESTMAN	160	\$30.24	32	\$45.36	\$6,290
LEAD SIGNALMAN	160	\$30.09	32	\$45.13	\$6,259
SIGNALMAN	640	\$29.76	64	\$44.64	\$21,903
<i>Total Labor w/o Additives:</i>					\$87,317
<i>Maintenance of Way:</i>					132.16% \$110,971
<i>Transportation:</i>					120.93% \$4,050
<i>Total Labor w/Additives:</i>					\$202,338

**Corporate Labor**

<i>Description</i>	<u>Standard</u>		<u>Overtime</u>		<i>Total Labor</i>
	<i>Hours</i>	<i>Rate</i>	<i>Hours</i>	<i>Rate</i>	
OFFICE ENGINEER	48	\$37.00	0	\$55.50	\$1,776
<i>Total Labor w/o Additives:</i>					\$1,776
<i>Management and Inspection:</i>					132.16% \$0
<i>Engineering and Design:</i>					132.16% \$2,347
<i>Total Labor w/Additives:</i>					\$4,123

<i>Equipment Force Account:</i>	\$29,924	<i>Total Labor:</i>	\$206,461	
<i>Equipment Leased:</i>	\$0	<i>Total Equipment:</i>	\$29,924	
<i>Materials Force Account:</i>	\$158,733			
<i>Materials to be Bid:</i>	\$11,612	<i>Total Materials:</i>	\$170,345	
<i>Miscellaneous Expenses:</i>	\$0	<i>Total Miscellaneous Expenses:</i>	\$0	
<i>Other:</i>	\$52,000	<i>Total Other:</i>	\$52,000	
			<i>Grand Total:</i>	\$458,730



District: Milwaukee District - North Line

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Forces Used: Metra

Printed: 8/30/2012

**Force Account Estimate****Union Labor**

<i>Description</i>	<i>Standard</i>		<i>Overtime</i>		<i>Total Labor</i>
	<i>Hours</i>	<i>Rate</i>	<i>Hours</i>	<i>Rate</i>	
TRACK FOREMAN	68	\$28.03	48	\$42.05	\$3,924
ASSISTANT FOREMAN	48	\$26.44	36	\$39.66	\$2,697
MACHINE OPERATOR	136	\$28.03	130	\$42.05	\$9,279
TRACKMAN-DRIVER	68	\$24.40	48	\$36.60	\$3,416
TRACKMAN	128	\$24.10	96	\$36.30	\$6,570
WELDER	32	\$28.30	20	\$42.45	\$1,755
ASSISTANT WELDER	32	\$26.08	20	\$39.12	\$1,617
CONDUCTOR PILOT	60	\$29.38	36	\$44.07	\$3,349
SIGNAL MAINTAINER	40	\$29.64	60	\$44.46	\$3,853
B&B FOREMAN	32	\$28.03	28	\$42.04	\$2,074
B&B MECHANIC	140	\$26.16	70	\$39.24	\$6,409
WATER SERVICE FOREMAN	8	\$28.35	14	\$42.52	\$822
WATER SERVICE MECHANIC	8	\$26.92	14	\$40.38	\$781
SIGNAL FOREMAN	160	\$30.38	32	\$45.57	\$6,319
SIGNAL TESTMAN	160	\$30.24	32	\$45.36	\$6,290
LEAD SIGNALMAN	160	\$30.09	32	\$45.13	\$6,259
SIGNALMAN	640	\$29.76	64	\$44.64	\$21,903
<i>Total Labor w/o Additives:</i>					\$87,317
<i>Maintenance of Way:</i>					132.16% \$110,971
<i>Transportation:</i>					120.93% \$4,050
<i>Total Labor w/Additives:</i>					\$202,338

**Corporate Labor**

<i>Description</i>	<i>Standard</i>		<i>Overtime</i>		<i>Total Labor</i>
	<i>Hours</i>	<i>Rate</i>	<i>Hours</i>	<i>Rate</i>	
OFFICE ENGINEER	48	\$37.00	0	\$55.50	\$1,776
<i>Total Labor w/o Additives:</i>					\$1,776
<i>Management and Inspection:</i>					132.16% \$0
<i>Engineering and Design:</i>					132.16% \$2,347
<i>Total Labor w/Additives:</i>					\$4,123

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<i>Equipment Force Account:</i>	\$29,924	<i>Total Labor:</i>	\$206,461
<i>Equipment Leased:</i>	\$0	<i>Total Equipment:</i>	\$29,924
<i>Materials Force Account:</i>	\$158,733		
<i>Materials to be Bid:</i>	\$11,612	<i>Total Materials:</i>	\$170,345
<i>Miscellaneous Expenses:</i>	\$0	<i>Total Miscellaneous Expenses:</i>	\$0
<i>Other:</i>	\$52,000	<i>Total Other:</i>	\$52,000
		<i>Grand Total:</i>	\$458,730

<i>Funding Breakdown</i>	<i>MI 003</i>	<i>Purchasing 004</i>	<i>ED 005</i>	<i>Construction 006</i>	<i>Equipment 017</i>
	\$0	\$158,733	\$4,123	\$202,338	\$29,924

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*Force Account Equipment*

<i>Description</i>	<i>Days</i>	<i>Corporate Rate</i>	<i>Total</i>
HYDRAULIC CRANE	5	\$732.15	\$3,660.75
SPEED SWING	3	\$268.11	\$804.33
RUBBER TIRE BACKHOE	4	\$388.16	\$1,552.64
RUBBER TIRE END LOADER	9	\$399.30	\$3,593.70
TRENCHER/BACKHOE	5	\$236.88	\$1,184.40
DOZER 955L	2	\$604.22	\$1,208.44
1 TN MECHANIC TRUCK	4	\$103.02	\$412.08
2 1/2 TN WELDERS TRUCK	4	\$167.64	\$670.56
2 1/2 TN CC LIFT GATE(90620	10	\$232.95	\$2,329.50
CHEVY 2 1/2 TON CRANE	5	\$302.75	\$1,513.75
BOOM TRUCK	5	\$275.62	\$1,378.10
3/4T PICK UP CC	18	\$99.13	\$1,784.34
3/4T PICK UP CC	6	\$99.13	\$594.78
BALLAST REGULATOR	3	\$549.79	\$1,649.37
TAMPER MARK III	3	\$1,241.58	\$3,724.74
TRACK STABILIZER	3	\$1,287.51	\$3,862.53
<b>Total Equipment</b>	<b>89</b>		<b>\$29,924</b>

*Labor Breakdown by Complex Item*

ComplexID/Description	Function	<u>Standard/Overtime</u>			<u>Additive</u>		Grand Total
		Hours	Rate	Total	Amount	Total	
<b>Additional</b>							
SIGNAL TESTMAN		160	30.24	4,838	132.16%	\$8,313	\$14,603
		32	45.36	1,452			
OFFICE ENGINEER		48	37.00	1,776	132.16%	\$2,347	\$4,123
		0	55.50	0			
SIGNAL FOREMAN		160	30.38	4,861	132.16%	\$8,351	\$14,670
		32	45.57	1,458			
SIGNALMAN		640	29.76	19,046	132.16%	\$28,947	\$50,851
		64	44.64	2,857			
LEAD SIGNALMAN		160	30.09	4,814	132.16%	\$8,271	\$14,530
		32	45.13	1,444			
<b>SubTotal for Estimate: DOT# 386-423S</b>		1,168		\$35,336		\$56,230	\$98,777
		160		\$7,211			
	<b>Function Subtotal</b>	1,168		\$35,336		\$56,230	\$98,777
		160		\$7,211			
<b>Complex Item SubTotal</b>		1,168		\$35,336		\$56,230	\$98,777
		160		\$7,211			
<b>C522</b>							
TRACKMAN-DRIVER	INSTALL	48	24.40	1,171	132.16%	\$3,289	\$5,778
		36	36.60	1,318			
TRACK FOREMAN	INSTALL	48	28.03	1,345	132.16%	\$3,779	\$6,638
		36	42.05	1,514			
SIGNAL MAINTAINER	INSTALL	40	29.64	1,186	132.16%	\$5,092	\$8,946
		60	44.46	2,668			
MACHINE OPERATOR	INSTALL	96	28.03	2,691	132.16%	\$8,113	\$14,252
		82	42.05	3,448			
TRACKMAN	INSTALL	128	24.10	3,085	132.16%	\$8,682	\$15,252
		96	36.30	3,485			
ASSISTANT FOREMAN	INSTALL	48	26.44	1,269	132.16%	\$3,564	\$6,261
		36	39.66	1,428			
CONDUCTOR PILOT	INSTALL	60	29.38	1,763	120.93%	\$4,050	\$7,400
		36	44.07	1,587			
<b>SubTotal for Estimate: Fox Lake Sub</b>		468		\$12,510		\$36,571	\$64,527
		382		\$15,446			
	<b>Function Subtotal</b>	468		\$12,510		\$36,571	\$64,527
		382		\$15,446			
TRACKMAN-DRIVER	SURFACE	20	24.40	488	132.16%	\$1,225	\$2,153
		12	36.60	439			
TRACK FOREMAN	SURFACE	20	28.03	561	132.16%	\$1,408	\$2,473
		12	42.05	505			
MACHINE OPERATOR	SURFACE	40	28.03	1,121	132.16%	\$4,149	\$7,289
		48	42.05	2,018			
<b>SubTotal for Estimate: Fox Lake Sub</b>		80		\$2,170		\$6,782	\$11,914
		72		\$2,962			

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Forces Used: Metra

Printed: 8/30/2012

ComplexID/Description	Function	Standard/Overtime		Additive		Grand Total
		Hours	Rate	Amount	Total	
	<i>Function Subtotal</i>	80		\$2,170		\$11,914
		72		\$2,962		
ASSISTANT WELDER	WELDING	32	26.08	835	132.16%	\$3,754
		20	39.12	782		
WELDER	WELDING	32	28.30	906	132.16%	\$4,073
		20	42.45	849		
<b>SubTotal for Estimate: Fox Lake Sub</b>		64		\$1,740		\$7,827
		40		\$1,631		
	<i>Function Subtotal</i>	64		\$1,740		\$7,827
		40		\$1,631		
B&B FOREMAN	XING	32	28.03	897	132.16%	\$4,815
		28	42.04	1,177		
B&B MECHANIC	XING	140	26.16	3,662	132.16%	\$14,880
		70	39.24	2,747		
WATER SERVICE MECHANIC	XING	8	26.92	215	132.16%	\$1,812
		14	40.38	565		
WATER SERVICE FOREMAN	XING	8	28.35	227	132.16%	\$1,909
		14	42.52	595		
<b>SubTotal for Estimate: Fox Lake Sub</b>		188		\$5,002		\$23,416
		126		\$5,085		
	<i>Function Subtotal</i>	188		\$5,002		\$23,416
		126		\$5,085		
<b>Complex Item SubTotal</b>		800		\$21,421		\$107,684
		620		\$25,124		
<b>Total</b>		1,968		\$56,757		\$206,461
		780		\$32,335		

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*Equipment by Complex Items*

<i>Complex ID/Description</i>	<i>Function</i>	<i>Days</i>	<i>Leased</i>		<i>Total</i>	<i>Days</i>	<i>Corporate</i>	
			<i>Rate</i>				<i>Rate</i>	<i>Total</i>
<i>ComplexID:</i> Additional								
BOOM TRUCK		0.00	0.00		\$0.00	5.00	275.62	\$1,378
TRENCHER/BACKHOE		0.00	0.00		\$0.00	5.00	236.88	\$1,184
CHEVY 2 1/2 TON CRANE		0.00	0.00		\$0.00	5.00	302.75	\$1,514
<b>Total by Complex Item</b>		<b>0.00</b>			<b>\$0.00</b>	<b>15.00</b>		<b>\$4,076</b>
<i>ComplexID:</i> C522								
TAMPER MARK III	SURFACE	0.00			\$0.00	3.00	1,241.58	\$3,725
3/4T PICK UP CC	INSTALL	0.00			\$0.00	6.00	99.13	\$595
DOZER 955L	INSTALL	0.00	0.00		\$0.00	2.00	604.22	\$1,208
RUBBER TIRE END LOADER	INSTALL	0.00	0.00		\$0.00	9.00	399.30	\$3,594
SPEED SWING	INSTALL	0.00	0.00		\$0.00	3.00	268.11	\$804
RUBBER TIRE BACKHOE	INSTALL	0.00	0.00		\$0.00	4.00	388.16	\$1,553
1 TN MECHANIC TRUCK	INSTALL	0.00	0.00		\$0.00	4.00	103.02	\$412
2 1/2 TN CC LIFT GATE(90620	INSTALL	0.00	0.00		\$0.00	4.00	232.95	\$932
2 1/2 TN WELDERS TRUCK	WELDING	0.00	0.00		\$0.00	4.00	167.64	\$671
3/4T PICK UP CC	SURFACE	0.00			\$0.00	6.00	99.13	\$595
HYDRAULIC CRANE	INSTALL	0.00	0.00		\$0.00	5.00	732.15	\$3,661
3/4T PICK UP CC	XING	0.00			\$0.00	12.00	99.13	\$1,190
TRACK STABILIZER	SURFACE	0.00	0.00		\$0.00	3.00	1,287.51	\$3,863
BALLAST REGULATOR	SURFACE	0.00	0.00		\$0.00	3.00	549.79	\$1,649
2 1/2 TN CC LIFT GATE	XING	0.00	0.00		\$0.00	6.00	232.95	\$1,398
<b>Total by Complex Item</b>		<b>0.00</b>			<b>\$0.00</b>	<b>74.00</b>		<b>\$25,848</b>
<b>Total Equipment</b>		<b>0.00</b>			<b>\$0.00</b>	<b>89.00</b>		<b>\$29,924</b>

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Forces Used: Metra

Printed: 8/30/2012

*Force Account Materials*

<i>Description</i>	<i>Quantity</i>	<i>Corporate</i>	
		<i>Rate</i>	<i>Total</i>
06-10006-9 GATE MECH S4	3	\$8,090.50	\$24,272
RUBBER CROSSING	117	\$159.00	\$18,603
CROSS TIE 7 X 9 X 8'-6"	105	\$55.25	\$5,801
SPIKES 5/8 X 6" 50 LB	15	\$26.00	\$390
BALLAST-QUARTZITE	200	\$36.75	\$7,350
FILTER FABRIC	160	\$3.00	\$480
RAIL-115LB NEW	320	\$21.70	\$6,944
JOINT BARS 115LB - 36"	8	\$30.00	\$240
FIELD WELDS 115LB	6	\$81.00	\$486
ANCHORS 115LB	420	\$1.59	\$668
TIE PLATE 115LB SH	210	\$17.02	\$3,574
OTM SIGNALS	1	\$1,000.00	\$1,000
DRAINAGE PIPE 8"	180	\$6.00	\$1,080
06-61405-1 RELAY DN11 NE	1	\$523.60	\$524
42-68075-1 PIPE PVC 4" SC	5	\$44.00	\$220
06-92300-7 FOUNDATION C	3	\$450.00	\$1,350
00-00000-0 TAPE TAGS AN	2	\$400.00	\$800
00-00000-0 TRACK CONNE	2	\$24.20	\$48
06-94020-9 WIRE CASE FLE	500	\$1.68	\$840
06-94216-3 CABLE UG 5/C#	1,000	\$12.26	\$12,256
06-94026-6 WIRE CASE FLE	500	\$0.77	\$385
06-94222-1 CABLE UG 7/C#	3,000	\$9.04	\$27,120
06-94220-5 CABLE UG 5//C#	3,000	\$4.60	\$13,800
06-94206-4 CABLE TRACK 2	1,000	\$2.80	\$2,800
42-68075-1 PIPE PVC 4" SC	6	\$40.00	\$240
06-59130-9 MICRO AIDE FAI	1	\$495.00	\$495
06-59654-8 MICRO AIDE RE	1	\$3,399.00	\$3,399
MISC OTM	1	\$5,000.00	\$5,000
<b>Total Materials</b>	<b>10,767</b>		<b>\$140,165</b>
<b>Material Additives:</b>			<b>\$18,568</b>
<b>Materials with Additives:</b>			<b>\$158,733</b>

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*Materials by Complex Item*

Complex Item/Description	Function	<u>Corporate</u>			<u>Bid</u>		
		Quantity	Rate	Total	Quantity	Rate	Total
<b>Additional</b>							
06-10006-9 GATE MECH S4		3.00	\$8,090.50	\$24,271.50	0.00	\$0.00	\$0.00
06-61405-1 RELAY DN11 NE		1.00	\$523.60	\$523.60	0.00	\$3,090.00	\$0.00
42-68075-1 PIPE PVC 4" SC		5.00	\$44.00	\$220.00	0.00	\$0.00	\$0.00
06-92300-7 FOUNDATION C		3.00	\$450.00	\$1,350.00	0.00	\$450.00	\$0.00
00-00000-0 TAPE TAGS AN		2.00	\$400.00	\$800.00	0.00	\$400.00	\$0.00
00-00000-0 TRACK CONNE		2.00	\$24.20	\$48.40	0.00	\$0.00	\$0.00
06-94020-9 WIRE CASE FLE		500.00	\$1.68	\$840.00	0.00	\$0.00	\$0.00
06-94216-3 CABLE UG 5/C#		1,000.00	\$12.26	\$12,256.00	0.00	\$0.00	\$0.00
06-94222-1 CABLE UG 7/C#		3,000.00	\$9.04	\$27,120.00	0.00	\$9.04	\$0.00
06-94220-5 CABLE UG 5//C#		3,000.00	\$4.60	\$13,800.00	0.00	\$4.60	\$0.00
06-94206-4 CABLE TRACK 2		1,000.00	\$2.80	\$2,800.00	0.00	\$2.80	\$0.00
42-68075-1 PIPE PVC 4" SC		6.00	\$40.00	\$240.00	0.00	\$40.00	\$0.00
06-59130-9 MICRO AIDE FAI		1.00	\$495.00	\$495.00	0.00	\$0.00	\$0.00
06-59654-8 MICRO AIDE RE		1.00	\$3,399.00	\$3,399.00	0.00	\$0.00	\$0.00
06-94026-6 WIRE CASE FLE		500.00	\$0.77	\$385.00	0.00	\$1.52	\$0.00
<b>Materials by Complex Item</b>		<b>9,024</b>		<b>\$88,549</b>	<b>0</b>		<b>\$0</b>
<b>C322</b>							
TIE PLATE 115LB SH		210.00	\$17.02	\$3,574.20	0.00	\$0.00	\$0.00
CROSS TIE 7 X 9 X 8'-6"		105.00	\$55.25	\$5,801.25	0.00	\$0.00	\$0.00
SPIKES 5/8 X 6" 50 LB		15.00	\$26.00	\$390.00	0.00	\$0.00	\$0.00
BALLAST-QUARTZITE		200.00	\$36.75	\$7,350.00	0.00	\$0.00	\$0.00
FILTER FABRIC		160.00	\$3.00	\$480.00	0.00	\$0.00	\$0.00
RAIL-115LB NEW		320.00	\$21.70	\$6,944.00	0.00	\$0.00	\$0.00
JOINT BARS 115LB - 36"		8.00	\$30.00	\$240.00	0.00	\$30.00	\$0.00
MISC OTM		1.00	\$5,000.00	\$5,000.00	0.00	\$0.00	\$0.00
ANCHORS 115LB		420.00	\$1.59	\$667.80	0.00	\$1.30	\$0.00
OTM SIGNALS		1.00	\$1,000.00	\$1,000.00	0.00	\$0.00	\$0.00
FIELD WELDS 115LB		6.00	\$81.00	\$486.00	0.00	\$81.00	\$0.00
<b>Materials by Complex Item</b>		<b>1,446</b>		<b>\$31,933</b>	<b>0</b>		<b>\$0</b>
<b>C324</b>							
RUBBER CROSSING		117.00	\$159.00	\$18,603.00	0.00	\$159.00	\$0.00
ASPHALT		0.00	\$255.00	\$0.00	40.00	\$255.00	\$10,200.00
<b>Materials by Complex Item</b>		<b>117</b>		<b>\$18,603</b>	<b>40</b>		<b>\$10,200</b>
<b>C327</b>							
DRAINAGE PIPE 8"		180.00	\$6.00	\$1,080.00	0.00	\$6.00	\$0.00
<b>Materials by Complex Item</b>		<b>180</b>		<b>\$1,080</b>	<b>0</b>		<b>\$0</b>
<b>Total Materials</b>		<b>10,767</b>		<b>\$140,165</b>	<b>40</b>		<b>\$10,200</b>



District: Milwaukee District - North Line

Limits: M. P. 36.01

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Created: 8/30/2012

Number: Fox Lake Sub

Name: RENEW GRADE CROSSING @ WINCHESTER ROAD

Modified: 8/30/2012

Forces Used: Metra

Printed: 8/30/2012

*Other Items Breakdown*

<i>Description</i>	<i>Quantity</i>	<i>Cost</i>	<i>Total</i>	<i>Additive</i>		<i>Grand Total</i>
				<i>Amount</i>	<i>Total</i>	
TRUCK HAULING	1.00	\$9,000.00	\$9,000	\$0.00	\$0	\$0.00
WASTE LANDFILL	1.00	\$9,000.00	\$9,000	\$0.00	\$0	\$0.00
SAW CUTTING	1.00	\$4,000.00	\$4,000	\$0.00	\$0	\$0.00
PAVEMT WK APPROACHED	1.00	\$18,500.00	\$18,500	\$0.00	\$0	\$0.00
TRAFFIC CONTROL	1.00	\$8,000.00	\$8,000	\$0.00	\$0	\$0.00
MISC RENTAL	1.00	\$3,500.00	\$3,500	\$0.00	\$0	\$0.00
<b>Total Other</b>	<b>6</b>		<b>\$52,000</b>		<b>\$0</b>	<b>\$0</b>