





FIELD VERIFY OFFSET DISTANCE TO M.P. 19.10 AND DETERMINE IF "DAX TO ELIZABETH" IS NEEDED. IF NOT, THEN ADJUST "E(N) APPROACH TO [543] 46+5+2(C.T.) SEC @ 70 M.P.H.

10' R.T. & CAY2  
WARNING TIME = 38 SECONDS  
GRACE STREET (M.P. 19.26)

5548' 46+5+2(C.T.) +1P.D.) SEC. @ 70 M.P.H.

CONNECTS TO SHEET 1

CONNECTS TO M.P. 19.50

DES: CTC	CIRCUIT MODIFIED AS AUTHORITY FOR SIGNAL DESIGN	DD	MODIFICATION LEVEL
DIG: CTC	MADE WITHOUT AUTHORITY FOR SIGNAL DESIGN	DD	D.A. LAST LEVEL CHECKED
CHK: J.L.	LAST LEVEL MOD THIS TYPICAL	DD	LAST LEVEL MOD BY DESIGNER
A.F.E. 89982	CHANGED FROM TYPICAL ?	Y	NO. 217459 /XRL/318
ID: DEN2011AX			NO. 191063 /XRL/318
Office of Sr. AIP Engineer - Signal/CTC			NO. 217459 /XRL/318
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UNION PACIFIC RAILROAD  
CHICAGO, ILLINOIS TO CLINTON, IOWA  
C.T.C. CIRCUITS

LOWMARD, ILLINOIS  
ELIZABETH STREET  
CHICAGO, ILLINOIS SUBDIVISION  
D.O.T. 174 944N

DATE 06-16-08  
SHEET 1A  
DWG 20.11  
GEN



DATE: 2015-06-09

ESTIMATE OF MATERIAL AND FORCE ACCOUNT WORK  
BY THE  
UNION PACIFIC RAILROAD

THIS ESTIMATE GOOD FOR 6 MONTHS EXPIRATION DATE IS :2015-12-08

DESCRIPTION OF WORK:  
2015 RECOLLECT PROGRAM  
GENEVA SUBDIVISION  
MP 20.11 DOT # 174944W ELIZABETH STREET  
INSTALL 3- 80 TF CROSSING SURFACES (MAINLINE 1,2,3)  
PROJECT TO BE FUNDED MATERIAL 100% BY STATE OF ILLINOIS LABOR 100% UPRR

PID: 88332 AWO: 26067 MP,SUBDIV: 20.10, GENEVA  
SERVICE UNIT: 23 CITY: LOMBARD STATE: IL

DESCRIPTION	QTY	UNIT	LABOR	MATERIAL	RECOLL	UPRR	TOTAL
ENGINEERING WORK							
ENGINEERING			18336			18336	18336
LABOR ADDITIVE 166%			30437			30437	30437
TOTAL ENGINEERING			48773			48773	48773
SIGNAL WORK							
BILL PREP FEE				900	900		900
CONTRACT APPROCH WORK				32081	32081		32081
FOREIGN LINE FREIGHT				3368	3368		3368
HOMELINE FREIGHT				900	900		900
LABOR ADDITIVE 166%			4020			4020	4020
MATL STORE EXPENSE				889	889		889
SALES TAX				2308	2308		2308
SIGNAL			2422	15	15	2422	2437
TOTAL SIGNAL			6442	40461	40461	6442	46903
TRACK & SURFACE WORK							
BALAST	3.00	CL	3	2750	2750	3	2753
ENVIRONMENTAL - PERMITS				10	10		10
FIELD WELD			5			5	5
LABOR ADDITIVE 166%			140778			140778	140778
MATL STORE EXPENSE				1480	1480		1480
OTM			12271	29270	29270	12271	41541
RAIL	720.00	LF	40280	12973	12973	40280	53253
RDXING	240.00	TF	14473	57708	57708	14473	72181
SALES TAX				2740	2740		2740
TRK-SURE,LIN			10012			10012	10012
WELD			13671	2321	2321	13671	15992
XTIE	183.00	EA	52141	21238	21238	52141	73379
TOTAL TRACK & SURFACE			283634	130490	130490	283634	414124
LABOR/MATERIAL EXPENSE			338849	170951			
RECOLLECTIBLE/UPRR EXPENSE					170951	338849	
ESTIMATED PROJECT COST							509800
EXISTING REUSEABLE MATERIAL CREDIT							0
SALVAGE NONUSEABLE MATERIAL CREDIT							0
RECOLLECTIBLE LESS CREDITS							

THE ABOVE FIGURES ARE ESTIMATES ONLY AND SUBJECT TO FLUCTUATION. IN THE EVENT OF AN INCREASE OR DECREASE IN THE COST OR QUANTITY OF MATERIAL OR LABOR REQUIRED, UPRR WILL BILL FOR ACTUAL CONSTRUCTION COSTS AT THE CURRENT EFFECTIVE RATE.

FORM 30-1  
WORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES

PAGE 01 MORE

PROJ NO: 88332  
A.W.O. NO: 26067  
W.O. NO:  
B.I. NO: 14EN10  
STATE: IL  
VAL SEC: 1102

ILROAD: UPRR CO.  
STATION: LOMBARD, IL, ELIZABETH  
DEPARTMENT: ENGINEERING SERVICES

SERVICE UNIT: 23

-----  
15 RECOLLECT PROGRAM

NEVA SUBDIVISION

20.11 DOT # 174944W ELIZABETH STREET

STALL 3- 80 TF CROSSING SURFACES (MAINLINE 1,2,3)

OBJECT TO BE FUNDED MATERIAL 100% BY STATE OF ILLINOIS LABOR 100% UPRR

OBJECT BUILT USING FEDERAL WITHOUT OVERHEAD AND INDIRECT OF 166.85%

FORM 30-1  
WORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES

PAGE 02 MORE

PROJ NO: 88332  
A.W.O. NO: 26067  
W.O. NO:  
B.I. NO: 14EN10  
STATE: IL  
VAL SEC: 1102

ILROAD: UPRR CO.  
LOCATION: LOMBARD, IL, ELIZABETH  
DEPARTMENT: ENGINEERING SERVICES

-----  
SCOPE OF WORK  
-----

PROJECT NUMBER	VAL SEC	STATE	M.P. FROM	M.P. TO	SEGMENT	JOINT FACILITY
88332	1102	IL	20.10	20.12	8913	

PROJECT NUMBER 88332								
M.P. FROM	M.P. TO	TRACK TYPE	SEGMENT NUMBER	NUMBER OF XTIES	NUMBER OF SWTIES	TNS OF BALAST	TRACK FEET	LINE
20.10	20.12	NO 3	8913	0	0	95	0	0
20.10	20.12	NO 2	8913	0	0	95	0	0
20.10	20.12	NO 1	8913	0	0	95	0	0

FORM 30-1  
WORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES

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PROJ NO: 88332  
A.W.O. NO: 26067  
W.O. NO:  
B.I. NO: 14EN10  
STATE: IL  
VAL SEC: 1102

ILROAD: UPRR CO.  
LOCATION: LOMBARD, IL, ELIZABETH  
DEPARTMENT: ENGINEERING SERVICES

----- STOCK MATERIAL PLAN -----

ITEM NUMBER	ITEM DESCRIPTION	UNIT COST	QTY	UM	DIRECT MATL \$
054000	TIMBER SPIKE, TORXHEAD 3/4" X 12"	1.89	480	EA	907
279990	PPTIE 7X9 X 10' HWD PANDROL 6.0"	111.70	183	EA	20441
361010	ECL2055 GALV RH E-CLIP PANDROL	2.60	732	EA	1903
911720	SIGNAL MATL TO SUPPORT TRK WORK	5.00	3	EA	15
002000	ASPHALT, CROSSING FILL	95.00	180	TN	17100
013010	131-141# 10W CONC XING 8'L (10' W	1249.38	30	ST	37481
114500	RAIL 136# IS NEW BBE "BUY USA"	17.84	720	LF	12845
243940	TRANS RAIL 136#N/133#W 37.5' BU	2173.36	12	EA	26080
255260	FIELD WELD KIT, 133# ONE SHOT	59.13	12	EA	710
255300	FIELD WELD KIT, 136# ONE SHOT	58.82	24	EA	1412
264570	PACKING SAND, PRE-MIXED (PER SACK	22.31	7	CA	161
264930	REFRACTORY PASTE	1.84	9	EA	17
207660	BALLAST, CLASS 1 "D"	9.65	285	TN	2750
TOTAL					121,822
MATL STORE EXP					2,370
SALES TAX					5,051

DATE: 2015-04-14

ESTIMATE OF MATERIAL AND FORCE ACCOUNT WORK  
BY THE  
UNION PACIFIC RAILROAD

THIS ESTIMATE GOOD FOR 6 MONTHS EXPIRATION DATE IS :2015-10-13

## DESCRIPTION OF WORK:

INSTALL AUTOMATIC FLASHING LIGHT CROSSING SIGNALS  
WITH GATES AND EGMS SYSTEM AT LOMBARD, IL. ELIZABETH ST.  
M.P. 20.11 ON THE GENEVA SUB. DOT #174944W  
WORK TO BE PERFORMED BY RAILROAD WITH EXPENSE AS BELOW:  
SIGNAL - ICC - 100%  
ESTIMATED USING FEDERAL LABOR ADDITIVES - 119.82%

PID: 84870 AWO: 21747 MP, SUBDIV: 20.11, GENEVA  
SERVICE UNIT: 23 CITY: LOMBARD STATE: IL

DESCRIPTION	QTY	UNIT	LABOR	MATERIAL	RECOLL	UPRR	TOTAL
ENGINEERING WORK							
ENGINEERING			7728		7728		7728
LABOR ADDITIVE 119.82%			14933		14933		14933
SIG-HWY XNG			4821		4821		4821
TOTAL ENGINEERING			27482		27482		27482
SIGNAL WORK							
ASPHALT				5000	5000		5000
BILL PREP			900		900		900
CONTRACT				9175	9175		9175
EGMS SYSTEM				55100	55100		55100
G.E. ELECTROLOGIXS				50000	50000		50000
LABOR ADDITIVE 119.82%			137052		137052		137052
MATL STORE EXPENSE				30	30		30
PERSONAL EXPENSES				51000	51000		51000
RCLW CONTRACT				2550	2550		2550
SALES TAX				3670	3670		3670
SAWCUT				5000	5000		5000
SIGNAL			113482	91751	205233		205233
TRANSP/IB/OB/RCLW				6670	6670		6670
ENVIRONMENTAL - PERMITS				10	10		10
TOTAL SIGNAL			251434	279956	531390		531390
LABOR/MATERIAL EXPENSE			278916	279956			
RECOLLECTIBLE/UPRR EXPENSE					558872	0	
ESTIMATED PROJECT COST							558872

THE ABOVE FIGURES ARE ESTIMATES ONLY AND SUBJECT TO FLUCTUATION. IN THE EVENT OF AN INCREASE OR DECREASE IN THE COST OR QUANTITY OF MATERIAL OR LABOR REQUIRED, UPRR WILL BILL FOR ACTUAL CONSTRUCTION COSTS AT THE CURRENT EFFECTIVE RATE.

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FORM 30-1  
WORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES

PROJ NO: 84870  
A.W.O. NO: 21747  
W.O. NO:  
B.I. NO: 13EN10  
STATE: IL  
VAL SEC: 1102

RAILROAD: UPRR CO.  
LOCATION: LOMBARD, IL, ELIZABETH  
DEPARTMENT: ENGINEERING SERVICES  
SERVICE UNIT: 23

-----  
INSTALL AUTOMATIC FLASHING LIGHT CROSSING SIGNALS  
WITH GATES AND EGMS SYSTEM AT LOMBARD, IL, ELIZABETH ST.  
M.P. 20.11 ON THE GENEVA SUB. DOT #174944W  
WORK TO BE PERFORMED BY RAILROAD WITH EXPENSE AS BELOW:  
SIGNAL - ICC - 100%

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FORM 30-1  
WORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES

PROJ NO: 84870  
A.W.O. NO: 21747  
W.O. NO:  
B.I. NO: 13EN10  
STATE: IL  
VAL SEC: 1102

RAILROAD: UPRR CO.  
LOCATION: LOMBARD, IL, ELIZABETH  
DEPARTMENT: ENGINEERING SERVICES

PROJECT NUMBER	VAL SEC	STATE	M.P. FROM	M.P. TO	SEGMENT	JOINT FACILITY
84870	1102	IL	20.11	20.11	8913	

PAGE 04 MORE  
 PROJ NO: 84870  
 A.W.O. NO: 21747  
 W.O. NO:  
 B.I. NO: 13EN10  
 STATE: IL  
 VAL SEC: 1102

FORM 30-1  
 WORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES

RAILROAD: UPRR CO.  
 LOCATION: LOMBARD, IL, ELIZABETH  
 DEPARTMENT: ENGINEERING SERVICES

----- STOCK MATERIAL PLAN -----

ITEM NUMBER	ITEM DESCRIPTION	UNIT COST	QTY	UM	DIRECT MATL \$
02040540	BATTERY, GNB, 50G19, 472 AH.	264.03	7	EA	1848
02040660	BATTERY, GNB, 50G27, 680 AH.	352.74	13	EA	4586
09844170	GROUND ROD, 5/8 INCH X 8 FEET	9.30	8	EA	74
09846750	GRND. ROD CONN. 4WAY ONESHOT.	5.95	8	EA	48
09908640	WIRE, #6 AWG. 1 COND. COPPER, SOLID	0.50	200	LF	100
09913200	WIRE, #6, 5 COND 500' ROLL, SHIELDED	3.79	500	LF	1895
09914550	WIRE, #6, 5 COND 1000' ROLL, SHIELDE	3.70	2000	LF	7400
09930550	WIRE #10 AWG 1 COND COPPER, STRAN	0.24	2500	LF	600
09932310	WIRE #10 AWG 1 COND COPPER, TWIST	0.55	500	LF	275
09946070	WIRE #14 7 COND 1000' ROLL, SHIELDE	1.60	2000	LF	3200
09946100	WIRE #14, 7 COND 500' ROLL, SHIELDE	1.65	500	LF	825
09960090	WIRE #16 AWG 1 COND COPPER, STRAN	0.11	1500	LF	165
17061400	PADLOCK, SIGNAL, WITHOUT KEY, AMERIC	15.59	16	EA	249
39301410	SIGN, -3 TRACKS- MP STD PAGE 403.	18.21	4	EA	73
39313540	SIGN, EMERGENCY NUMBER SIGN BRACK	11.55	2	EA	23
39313560	SIGN, "EMERGENCY PHONE NUMBER	7.53	2	EA	15
39369480	SIGN MOUNTING KIT 5"	123.00	4	EA	492
52000920	SURGE PROTECTOR SP19-2A TAB 586	61.76	1	EA	62
52021550	FOUNDATION, 4', STEEL, FOR FL SHR/GAT	366.21	8	EA	2930
52039390	RECTIFIER, 40EC, 12V. TAB577	403.94	2	EA	808
52070010	TERMINAL, #12-10 WIRE, RING TONGUE	0.24	600	EA	144
52079550	WIRE TAG, PLASTIC - WHITE	0.28	100	EA	28
52108320	FLASHER&GATE, QUAD EXIT 1WAY BACK	8022.00	2	EA	16044
52108370	FLSR & GATE, QUAD ENTRNCE, 2 WAY L	6901.99	2	EA	13804
52109370	GATE ARM, ADJ. 16'-32'	426.99	8	EA	3416
52118300	FL/GATE ASSY. W/MAST, NO LIGHTS	5786.95	4	EA	23148
52122140	HIGH WIND BRACKET 5"OR 4"	65.87	8	EA	527
52136380	SHEAR BOLT, 74GS2W-1, NEG	5.48	8	EA	44
52136480	SHEAR PIN, 74GS2W-2, NEG	4.73	8	EA	38
52145130	CROSSING GATE ALIGNMENT ARROWS	1.10	8	PK	9
52728800	RELAY, TAB 911, B11C, A62-310	409.32	2	EA	819
52745830	RELAY, TAB 884, NEUTRAL, A62-277	396.53	16	EA	6344
52776370	RELAY PLUGBOARD, GRS B1, TAB 900	30.45	18	EA	548
52777970	FLAG TERMINAL, FOR GRS, 14-10	2.44	250	EA	610
52778110	FLAG TERMINAL, FOR GRS, 20-16	1.45	250	EA	363
52779280	RELAY TEST TERM, GRS B1	6.39	18	EA	115
53311490	EXTRACTOR FOR "B" TERMINALS P3-308	9.09	2	EA	18
53311510	TEST NUT WRENCH. GRS #P3-320	33.01	2	EA	66
TOTAL					91,753

**ILLINOIS COMMERCE COMMISSION  
TRANSPORTATION DIVISION / RAIL SAFETY SECTION**

**PROJECT STATUS REPORT**

**TYPE:** (CHECK ONE)

PROGRESS	<input type="checkbox"/>
COMPLETION <sup>1</sup>	<input type="checkbox"/>

DATE	<input type="text"/>
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**PROJECT INFORMATION:**

Reporting Party:	Union Pacific Railroad Company
Docket/Order #; Date:	
Status Reports Due:	6 month interval from Order date
Ordered Completion Date:	November 30, 2014
Completion Report Due <sup>1</sup> :	
AAR/DOT#, RR Milepost:	174 944W; MP 20.11
Street, (in/near) City, County:	Elizabeth Street, Lombard, DuPage County
Railroad Company:	Union Pacific Railroad Company

<sup>1</sup>Completion reports involving changes to the railroad crossing must include an updated USDOT Inventory Form.

**PROJECT MANAGER INFORMATION<sup>2</sup>:**

Name:	<del>Claire Anderson</del> Sean Collier
Title:	Field Manager
Representing:	UP
Street Address:	2 North Riverside, Suite 1700
City, State, Zip:	Chicago, IL 60606
Office Phone:	(312) 496-4726
Office Fax:	
Cellular Phone:	(402) 889-2073
E-Mail Address:	<del>ceanders@up.com</del> sdcollie@up.com

**DESCRIPTION OF IMPROVEMENTS ORDERED:**

Reconstruct Crossing Surface with addition of sidewalk and pedestrian "exit" areas.

Install four quadrant gates with vehicle detection.

Install right-of-way fencing, and pedestrian swing gates.

**STATUS OF WORK:** (use additional blank sheet, if necessary)

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Mail directed to the **Rail Safety Section** or the **Director of Processing and Information**,  
Transportation Bureau of the Commission should be addressed to:

Illinois Commerce Commission  
527 East Capitol Avenue  
Springfield, IL 62701-1827

If you have questions contact:

Brian Vercruysse, Senior Railroad Safety Specialist  
Phone: 312-636-7760  
Email: [bvercruy@icc.illinois.gov](mailto:bvercruy@icc.illinois.gov)

A **Form 3 Petition** can be obtained from the Illinois Commerce Commission by calling  
217/782-7660 or on the web at:

<http://www.icc.state.il.us/hg/library.aspx?key=Railroad%20Safety>

**United States Department of Transportation Inventory Form #6180.71** can be  
obtained on the web at:

<http://safetydata.fra.dot.gov/OfficeofSafety/Forms/Default.asp>

Submit Inventory forms to:

Federal Railroad Administration Office of Safety 1120 Vermont Avenue, NW Washington, DC 20590	<b><u>And</u></b>	Chief of Data Services Illinois Department of Transportation 2300 S. Dirksen Parkway, Room 318 Springfield, IL 62764
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