

**NORFOLK SOUTHERN CORPORATION
ICC ORDER STATUS REPORT
STATE OF ILLINOIS**

DOT/AFE NUMBER	ORDER NUMBER / DATE	PROJECT TYPE ROAD NAME RAILROAD LOCATION	CITY	STATE AUTHORIZED	ESTIMATED COMPLETION DATE
534410A F-02121	T15-0030	FLASHERS W/ GATES 900S (900W/TR-60) KS-110.30, DEARBORN DIV	UNION HILL		04-08-2016

STATUS OF WORK:

DEPT. 52 - SIGNALS: ENGINEERING completed 6/3/15. Preparing for state submittal.

CONTACT: G.B. BANKIERIS
MANAGER HIGHWAY CROSSING ENGINEERING
NORFOLK SOUTHERN CORPORATION
1200 PEACHTREE ST NE, BOX 123
ATLANTA, GA 30309
TEL: 404-527-2866; FAX: 404-527-2901

DEPT. 66 - M/W:

CONTACT: L. E. BREWER
DIVISION ENGINEER
NORFOLK SOUTHERN CORPORATION
17301 MICHIGAN AVE
DEARBORN, MI 48126
TEL: (313) 323-5101

BILLING: As of 9/30/15; Invoiced Total = \$0; Unbilled = \$10,472.13

CONTACT: ROBERT J. HARRIS
ASST MANAGER - MISCELLANEOUS BILLING
NORFOLK SOUTHERN CORPORATION
110 FRANKLIN RD SE
ROANOKE, VA 24042-0034

Toliver, Aaron

From: Logan, Roger D. <Roger.Logan@nscorp.com>
Sent: Tuesday, October 20, 2015 9:19 AM
To: Toliver, Aaron
Subject: RE: RE: 04.1037 - Engineering Sent - DOT#: 534410A State#: SA-1823 ILST0515 Order#: T15-0030

Aaron,

No change on estimate.

RDL

From: Toliver, Aaron [mailto:atoliver@icc.illinois.gov]
Sent: Tuesday, October 20, 2015 9:51 AM
To: Logan, Roger D.; 'RR Rail Highway Crossing (rr-railxing@att.net)'; Bankieris, Gus B; Klinger, Stephen J.
Subject: [EXTERNAL] RE: RE: 04.1037 - Engineering Sent - DOT#: 534410A State#: SA-1823 ILST0515 Order#: T15-0030

Roger,

If the detailed estimate hasn't changed, I will just go ahead and replace the sheet in the estimate pac you already submitted.

Rick,

You are ok to file the Form 3. Please file with today's date. Thanks.

Aaron Toliver

From: Logan, Roger D. [mailto:Roger.Logan@nscorp.com]
Sent: Tuesday, October 20, 2015 8:24 AM
To: Toliver, Aaron <atoliver@icc.illinois.gov>; 'RR Rail Highway Crossing (rr-railxing@att.net)' <rr-railxing@att.net>; Bankieris, Gus B <Gus.Bankieris@nscorp.com>; Klinger, Stephen J. <Stephen.Klinger@nscorp.com>
Subject: RE: RE: 04.1037 - Engineering Sent - DOT#: 534410A State#: SA-1823 ILST0515 Order#: T15-0030

Aaron,

I have attached a revised sheet 1 of 22 per your instructions. Please review and let me know if satisfactory and if you would like a complete new estimate pac or just insert this sheet into existing.

Thanx,

RDL

From: Toliver, Aaron [mailto:atoliver@icc.illinois.gov]
Sent: Monday, October 19, 2015 5:25 PM
To: Logan, Roger D.; 'RR Rail Highway Crossing (rr-railxing@att.net)'; Bankieris, Gus B; Klinger, Stephen J.
Subject: [EXTERNAL] RE: 04.1037 - Engineering Sent - DOT#: 534410A State#: SA-1823 ILST0515 Order#: T15-0030
Importance: High

All,

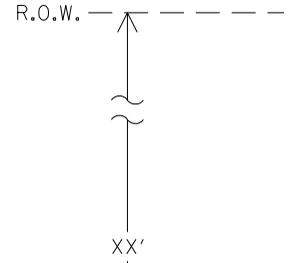
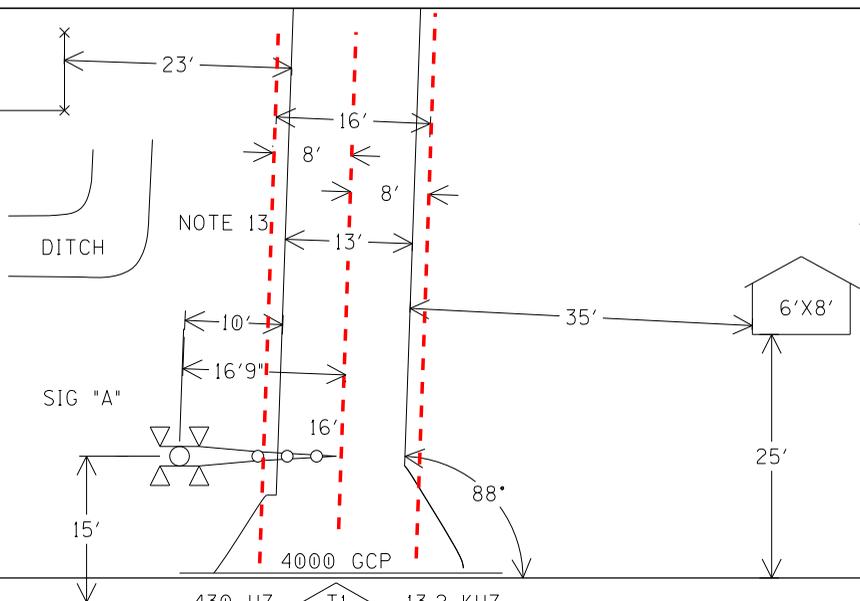
TO HENNEPIN
M.P. (INCREASING)

TO NIPSCO
M.P. (DECREASING)

APPROACH LENGTHS ALLOW FOR:		
TIME IN SECONDS	CWT	
	E.B./W.B.	APPROACH
STANDARD MUTCD MIN. TIME	20	
DESIGNED WARNING TIME	30	
EQUIPMENT RESPONSE TIME	5	
TOTAL TIME	30	
MAX. SPEED (M.P.H.)	45	
APPROACH DISTANCE (FEET)	2315	
LAMPS ARE L.E.D. TYPE	YES	



(A)

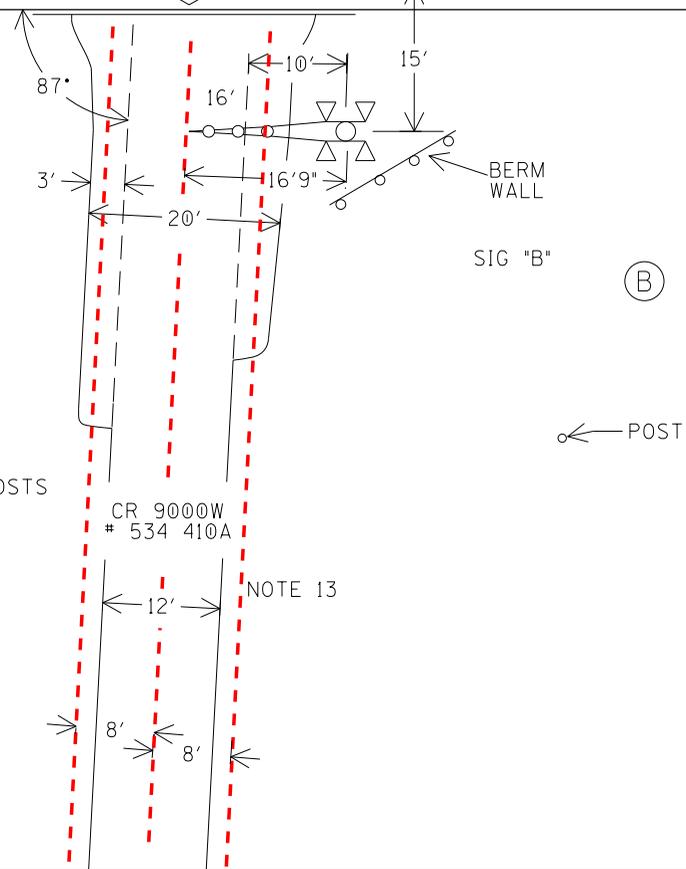


MAINLINE 133*RE CWR

NOTES:

- MAX. TRAIN SPEED 45 M.P.H.
- LATITUDE N 41° 06' 34" LONGITUDE W 88° 02' 18" ELEVATION 661'
- SIGNAL "A" TO HAVE BELL.
- LOCATE U/G UTILITIES & CABLE BEFORE DIGGING.
- CROSSING LOCATED IN KANKAKEE COUNTY.
- NEAREST STREET ADDRESS IS 9075 CR 1000S 3000' (SOUTH)
- NEAREST INTERSECTING STREET IS CR 1000S (SOUTH)
- DISTANCE TO NEAREST INTERSECTING STREET IS 2700 FT.
- 15 CU. YRDS. OF FILL REQUIRED IN QUAD "A"
15 CU. YRDS. OF FILL REQUIRED IN QUAD "B"
30 CU. YRDS. OF FILL REQUIRED IN QUAD "C"
- FIELD FORCES TO INSTALL BERM WALL IN QUAD "B" - FOR NEW SIGNAL.
- UTILITY IN THE AREA - CONTACT:
POWER - COM ED (800) 334-7661
- ADDITIONAL SPANS MAY NEED TO BE CONSTRUCTED BY POWER COMPANY TO OBTAIN AC AT THIS LOCATION.
- FIELD FORCES TO COORDINATE WITH ROAD AUTHORITIES TO COMPLETE SOME ROADWAY APPROACH GRADE IMPROVEMENTS AT THIS LOCATION - CONTACT:
KANKAKEE COUNTY HWY DEPT (SHAUN LUEDTKE (815) 933-1731)
PILOT TOWNSHIP ROAD DISTRICT (DON FLEISCHAUER (815) 426-6221).
- FIELD FORCES TO TRY AND COORDINATE WITH POWER COMPANY TO GET AC SERVICE AT CROSSING. IF NOT ABLE TO, FIELD PROCES TO GET MEASUREMENT TO NEAREST AC SERVICE AND GIVE TO ENGINEERING SO THEY CAN ORDER CABLE.

(D)



(B)

STATE PROJECT NO. SA-1823 R.O.W.

IN SERVICE	SIGNED	DATE
<input type="checkbox"/>	S&E ENGINEERING COPY	
<input type="checkbox"/>	CONSTRUCTION OFFICE COPY	RETURN TO S&E ENG. AFTER COMPLETION
<input type="checkbox"/>	FIELD COPY	RETURN TO CASE AFTER COMPLETION
<input type="checkbox"/>	PROJECT ENGINEER COPY	

SCALE: 1" = 20'
PROJECT #04.1037 LAYOUT FILE CX1111107

DESIGNED BY:	TAH	05-15-15		OFFICE OF ASS'T. VICE PRESIDENT COMM. & SIGNAL, ATLANTA, GA.	M.P.: KS-110.30
DRAWN BY:	RSD	05-15-15			
CHECKED BY:	JAR	05-15-15	UNION HILL, IL FLGS AT CR 9000W		
IN SERVICE:	-	-	KANKAKEE BR.	FILE No.	R-
			CADD or DWG. No.	31231103.01	SHEET 1 of 22

PROPERTY
PENNSYLVANIA R.R.

REVISION INITIALS																			
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(A) (B) (C) (D) = QUADRANT MARKERS

Please provide the status of the requested revisions below and attached. Thanks.

Aaron T. Toliver, P.E.
Railroad Safety Specialist
Illinois Commerce Commission
527 East Capitol Avenue
Springfield, Illinois 62701
Phone: 217/785-8420
E-mail: atoliver@icc.illinois.gov

From: Toliver, Aaron
Sent: Monday, September 28, 2015 3:33 PM
To: 'Logan, Roger D.' <Roger.Logan@nscorp.com>
Cc: 'RR Rail Highway Crossing (rr-railxing@att.net)' <rr-railxing@att.net>; Bankieris, Gus B <Gus.Bankieris@nscorp.com>; Klinger, Stephen J. <Stephen.Klinger@nscorp.com>; 'Shaun Luedtke' <sluedtke@co.kankakee.il.us>; donaudfleischauer@yahoo.com
Subject: RE: 04.1037 - Engineering Sent - DOT#: 534410A State#: SA-1823 ILST0515 Order#: T15-0030

Roger,

1. The Kankakee County Hwy Dept (Shaun Luedtke copied on this e-mail; 815-933-1731) and Pilot Township Road District (Don Fleischauer; 815-426-6221) will be coordinating with Norfolk Southern to complete some roadway approach grade improvements at this location, as required by the ICC Order T15-0030. A note is recommended to the signal installation crew to coordinate with the road authorities (at their respective phone numbers above).
2. Your plans have a total roadway width of 20' shown on the south side of the crossing, which is depicted as a 12' to 13' traveled way plus 3' to 5' shoulders. The Ill. Dept. of Transportation's (IDOT) recommendations for improvements on this type of rural, low volume road are to provide for a 20' total roadway width, having a 16' foot traveled way with 2' improved shoulders on each side of a 16' traveled way. The existing 24' crossing surface is sufficient for this and will require no modifications.
3. To accommodate a 16' traveled way recommended by IDOT, please show the signal foundations centered 16'-9" from the roadway centerline (10' from the existing traveled way edges as shown north and south of the track). On the south side, please show the signal mast 10' off the existing traveled way edge line (black dashes), not the solid black line depicting a wider shoulder/apron.
4. Please also provide 35' from the existing traveled way to the signal cabin to accommodate a wider 16' traveled way. See the attached markup. The red dotted lines represent 16' traveled way edges centered on the existing roadway centerline, also shown as a red dotted line.
5. Finally, with regard to power supply, there are no power lines within approximately 2800 to 3000 feet north or south of the crossing. Given past project difficulties in obtaining easements from ComEd and land owners in the area, I had asked Stephen Klinger to go ahead and include cabling and labor for running the power approximately 1 mile down the RR ROW in the "round figure" estimate, which he did when he provided the estimate of \$368,691. The \$310,332 "detailed estimate" and material list appears to include the extra labor Stephen factored in, but no additional material. It is fine for NS to pursue the power delivery with ComEd first before purchasing cable to run down the RR ROW as a last resort, but we will stick with the \$368,691 initial estimate to account for possible material overages for obtaining electric power. NS's final tally for the recent project that had the AC power difficulties was \$287,604, so \$368,691 would appear sufficient to cover similar issues.

Toliver, Aaron

From: Logan, Roger D. <Roger.Logan@nscorp.com>
Sent: Monday, September 21, 2015 3:12 PM
To: Toliver, Aaron
Cc: 'RR Rail Highway Crossing (rr-railxing@att.net)'; Bankieris, Gus B; Klinger, Stephen J.
Subject: 04.1037 - Engineering Sent - DOT#: 534410A State#: SA-1823 ILST0515 Order#: T15-0030

File #: CX1111107

Project #: 04.1037
Road: 900S (9000W/TR-60)
City: UNION HILL
State: IL
DOT: 534410A
MilePost: KS 110.30

This is to notify you that our plans and estimate for modification of grade crossing warning devices at the above referenced location are attached.

After you have received this material, please return this email as acknowledgement.

RHR,

Please use attached per GBB email dated 4-21-2015.

**Detailed Estimate for Grade Crossing Warning Devices**

City/State: UNION HILL, IL

Road: 900S (9000W/TR-60)

MilePost: KS-110.3

DOT/AAR: 534410A

State Proj. No.: SA-1823

County: KANKAKEE

S&E Proj. No.: 04.1037

File Number:

Man Days: 198

Purchases - Others	
Meals and Lodging:	\$26,611.20
Rental of Equipment:	\$27,720.00
(2 Trucks, 1 Backhoe w/ Trailer and 1 Pipe-Pusher for 33 Days)	
Construction Supervision Vehicle:	\$4,953.45
Purchases - Other Total:	\$59,284.65
Material And Additives	
Material Cost:	\$85,380.00
Sales and Use Tax:	\$4,269.00
Material Handling Freight:	\$4,268.99
Material Total:	\$93,917.99
Labor And Additives	
Labor Cost:	\$55,440.00
(6 man crew at \$1,680.00 a day for: 33 days)	
Payroll Tax & Overheads:	\$73,646.50
Preliminary Engineering:	\$12,392.15
Construction Supervision:	\$15,650.71
Labor Total:	\$157,129.36
Project Cost:	\$310,332.00
Scrap / Salvage Credit:	\$0.00
Project Total:	\$310,332.00

Estimated on: 21-Sep-15

Estimated by: ndney

Estimate valid for 1 year from date of estimate