

R.R. NORTH TO END OF THE TRACK

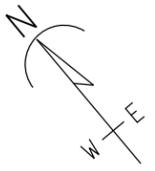
H.S. 57+51

563 FT.

86 FT.

84 FT.

563 FT.



NW

NE

SW

SE

LEFT HANDED BRACKET NEEDED FOR GATE  
PLACE GATE ON OUTSIDE OF  
CANTILEVER

PER THE STATE, CITY WILL REPAIR  
AND RE-ROUTE SIDEWALK ONCE  
COMBO UNIT IS INSTALLED

HOUSE IN NOT SET TO CSX STANDARD  
DUE TO INSUFFICIENT R.O.W.

PER ICC, INTRCONNECT  
WITH NS & NICTD R.R.

HAND DIGGING WILL BE REQUIRED IN SE QUAD  
DUE TO CLOSE PROXIMITY OF U.G. GAS LINE  
VAC TRUCK REQUIRED

LEFT HANDED BRACKET NEEDED FOR GATE  
PLACE GATE ON OUTSIDE OF  
CANTILEVER

ICC IS REQUESTING AN  
APPROACH OF 563' WITH  
SIMULTANEOUS PRE-EMPTION

APPROACH LENGTHS TABLE	NORTHWARD IND. TRACK TYPE C	SOUTHWARD IND. TRACK TYPE C
DC, AFO, TYPE C, MOTION, CWT, OR OTHER	25	25
STANDARD MINIMUM WARNING TIME IN SECONDS	5	5
ROADWAY GATE TIME IN SECONDS	19	19
CLEARANCE TIME IN SECONDS	49	49
DOT TRAFFIC LIGHT SIMULTANEOUS PREEMPT TIME IN SECONDS*	49	49
DESIGNED WARNING TIME FOR TRAINS AT TIME TABLE SPEED	49 SEC.	49 SEC.
DOT TRAFFIC LIGHT ADVANCE PREEMPT TIME IN SECONDS *	0	0
CONTROL EQUIPMENT DECISION TIME IN SECONDS	5	5
DESIGNED DETECTION TIME FOR TRAINS AT TIME TABLE SPEED	54 SEC.	54 SEC.
TIME TABLE MAXIMUM TRAIN SPEED IN MILES PER HOUR	5	5
BUFFER SPEED IN MILES PER HOUR	1.25	1.25
TOTAL WARNING SYSTEM DESIGN SPEED IN MILES PER HOUR	6.25	6.25
APPROACH DISTANCE TO ISLAND EDGE IN FEET	563	563
HALF WIDTH OF ISLAND IN FEET	86	84
APPROXIMATE MILE POSTS FOR APPROACH CIRCUIT	1.19	0.95

\*AUTHORIZING AGENCY, ILDOT

\*DATE OF REQUIREMENT, 08/13/2012

\*AMOUNT OF TIME (SEC.), 49 SECS. SIMULTANEOUS

◆ ICC REQUIRES AN APPROACH LENGTH OF 563' WITH A MINIMUM OF 47 SECS OF SIMULTANEOUS PRE-EMPTION WARNING TIME

CROSSING OPERATION NOTES.

TRAINS OPERATING ON CSX TRACK,

1. CSX WARNING DEVICES WILL HAVE A NORMAL OPERATION
2. NICTD & NS WILL HAVE NORMAL SOUTHBOUND FLASHER & GATE OPERATION AND WILL SUSPEND NORTHBOUND FLASHER OPERATION WITH ITS GATE TO STAY IN THE VERTICAL POSITION

TRAINS OPERATING ON NICTD OR NS TRACK,

1. CSX WILL HAVE NORMAL NORTHBOUND FLASHER & GATE OPERATION AND WILL SUSPEND SOUTHBOUND FLASHER OPERATION WITH ITS GATE TO STAY IN THE VERTICAL POSITION
- NORTHBOUND AND SOUTHBOUND REFER TO DIRECTION OF ROADWAY TRAFFIC

PRODUCED FOR,  
**CSX TRANSPORTATION**  
RAIL TRANSPORT GROUP ENGINEERING  
COMMUNICATIONS AND SIGNALS

PRODUCED BY,  
**XORAIL**  
5011 GATE PARKWAY,  
BUILDING 100 SUITE 400  
JACKSONVILLE, FL 32256

LEGEND	GUARD RAIL	METER SERVICE	GPS COORDINATES	REVISION DATES	FILE NAME	STREET NAME
CSX ROW	O.H. POWER	POLE	41°38'33" N	02-25-2014	BID00107.H01	M.P. BID-1.07
R/R POLELINE	FENCE	FIRE PLUG	87°32'22" W	07-04-2014	DATE DRAWN: 09-10-2012	CITY & STATE: BURNHAM, IL
GAS	WATER	SEWER CAP	ELEV. 574'	-	DRAWN BY: KPS	DOT: 163649L
FIBER OPTIC	SEWER	GAS VENT		-	CHECKED BY: XRL	PROJECT #: IL2012037
					XRL #: CXS1231389	OP #: IL0385

PROPOSED CROSSING LAYOUT  
SCALE = 20:1