



August 5, 2020

Rosemary Chiavetta
Secretary
Pennsylvania Public Utility Commission
P.O. Box 3265
Harrisburg, PA 17105-3265

Subject: PA0290; Versailles, Allegheny County, Pennsylvania; Installation of new warning devices at the Center Street at-grade crossing with CSXT; 145498B; Central Zone, Pittsburgh Subdivision; BF-309.88; PUC Docket A-2020-3016148

Pennsylvania Utility Commission Response Letter and Situation Plan Submittal

Dear Ms. Chiavetta;

Reference is made to the Pennsylvania Utility Commission (PUC) letter dated August 25, 2017 which includes a request for CSXT to submit a situation plan for the subject project. Enclosed please find the attached plan sheet for the proposed signal work at the subject crossing for PUC review.

Please do not hesitate to contact Kevin Lewandowski or me at (610) 834-4080 with any questions regarding the above matters.

Sincerely,

FOR: Erin Goglia, PE
Project Manager, CSX GEC

CC: BA file 9369.43

Derek Mihaly, Project Manager - CSXT Public Projects

Robert Rossman, Signal Engineering Assistant - CSXT Public Projects

Michelle Acitelli, PennDOT District 11-0

Phil Mutunga, PennDOT District 11-0

R.R. WEST TO SINNS

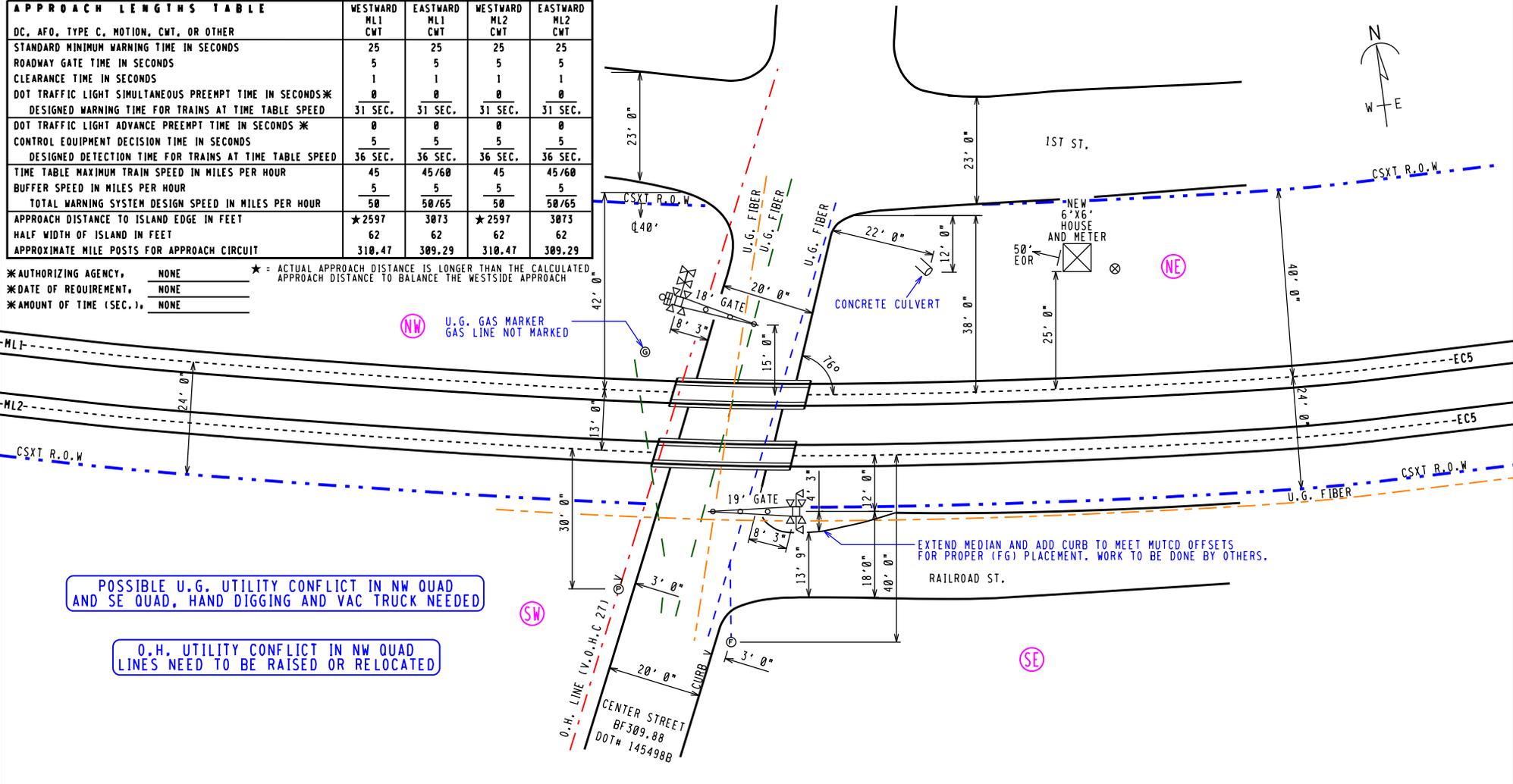
H.S. 6931+64



APPROACH LENGTHS TABLE	WESTWARD ML1 CWT	EASTWARD ML1 CWT	WESTWARD ML2 CWT	EASTWARD ML2 CWT
DC, AFO, TYPE C, MOTION, CWT, OR OTHER				
STANDARD MINIMUM WARNING TIME IN SECONDS	25	25	25	25
ROADWAY GATE TIME IN SECONDS	5	5	5	5
CLEARANCE TIME IN SECONDS	1	1	1	1
DOT TRAFFIC LIGHT SIMULTANEOUS PREEMPT TIME IN SECONDS*	0	0	0	0
DESIGNED WARNING TIME FOR TRAINS AT TIME TABLE SPEED	31 SEC.	31 SEC.	31 SEC.	31 SEC.
DOT TRAFFIC LIGHT ADVANCE PREEMPT TIME IN SECONDS*	0	0	0	0
CONTROL EQUIPMENT DECISION TIME IN SECONDS	5	5	5	5
DESIGNED DETECTION TIME FOR TRAINS AT TIME TABLE SPEED	36 SEC.	36 SEC.	36 SEC.	36 SEC.
TIME TABLE MAXIMUM TRAIN SPEED IN MILES PER HOUR	45	45/60	45	45/60
BUFFER SPEED IN MILES PER HOUR	5	5	5	5
TOTAL WARNING SYSTEM DESIGN SPEED IN MILES PER HOUR	50	50/65	50	50/65
APPROACH DISTANCE TO ISLAND EDGE IN FEET	★2597	3073	★2597	3073
HALF WIDTH OF ISLAND IN FEET	62	62	62	62
APPROXIMATE MILE POSTS FOR APPROACH CIRCUIT	310.47	309.29	310.47	309.29

* AUTHORIZING AGENCY, NONE
 * DATE OF REQUIREMENT, NONE
 * AMOUNT OF TIME (SEC.), NONE

★ = ACTUAL APPROACH DISTANCE IS LONGER THAN THE CALCULATED APPROACH DISTANCE TO BALANCE THE WESTSIDE APPROACH



POSSIBLE U.G. UTILITY CONFLICT IN NW QUAD AND SE QUAD, HAND DIGGING AND VAC TRUCK NEEDED

O.H. UTILITY CONFLICT IN NW QUAD LINES NEED TO BE RAISED OR RELOCATED

PRODUCED FOR:
CSX TRANSPORTATION
 RAIL TRANSPORT GROUP ENGINEERING
 COMMUNICATIONS AND SIGNALS

PRODUCED BY:

Xorail
 A Wabtec Company

LEGEND	GUARD RAIL	METER SERVICE
CSX ROW	O.H. POWER	POLE
R/R POLELINE	FENCE	FIRE PLUG
GAS	WATER	SEWER CAP
FIBER OPTIC	SEWER	GAS VENT

GPS COORDINATES
 40°18'49" N
 79°49'56" W
 ELEV. 758'

REVISION DATES
 10-24-2016

FILE NAME: BF30988.H01
 DATE DRAWN: 09-28-2016
 DRAWN BY: XRL
 CHECKED BY: XRL
 XRL #: CXS16-42707

STREET NAME: CENTER STREET
 CITY & STATE: VERSAILLES, PA. M.P. BF-309.88
 DOT: 145498B
 PROJECT #: PA2016017
 OP #: PA0290

PROPOSED CROSSING LAYOUT
 SCALE = 20:1