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November 12, 2015

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

RECEIVED

DEC 18 2015

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Subject: PUC Docket A-2015-2469144 New Oxford, Adams County, Pa. – Alterations of the at-grade crossing with installation of new Automatically Operated flashing light warning devices where Hanover Street (SR 1015) crosses the single track of CSXT (DOT# 832125X, Milepost BAS-57.35); Baltimore Division, Hanover Subdivision; CSXT OP# PA0262

Dear Ms. Chiavetta:

In reference to the PAPUC Notice of field investigation issued under the subject proceeding dated September 29, 2015, enclosed for PAPUC's approval is a copy of the CSXT situation and detailed circuit plans describing the signal work proposed to be performed by CSXT in conjunction with the subject project.

CSXT awaits receipt of the PAPUC's advice as to the approval of these documents.

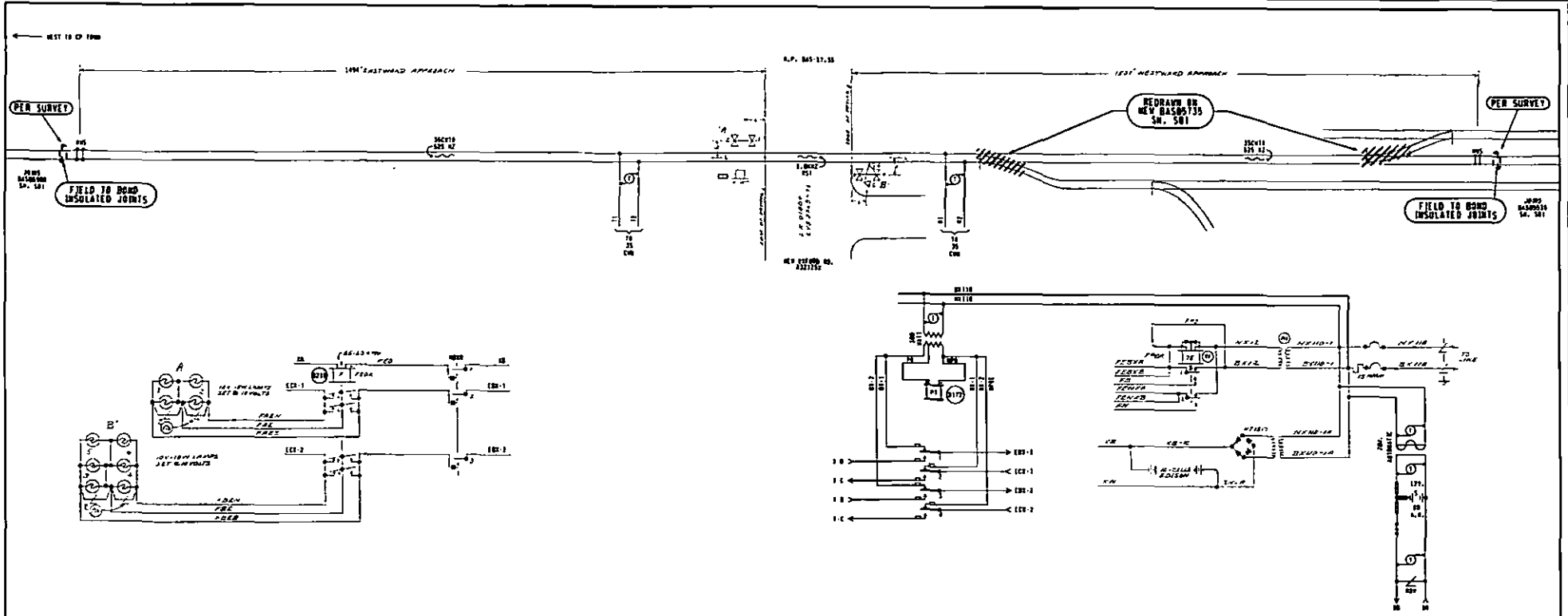
Sincerely,

Derek S. Mihaly
Project Manager II
CSX Transportation

RECEIVED

DEC 18 2015

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

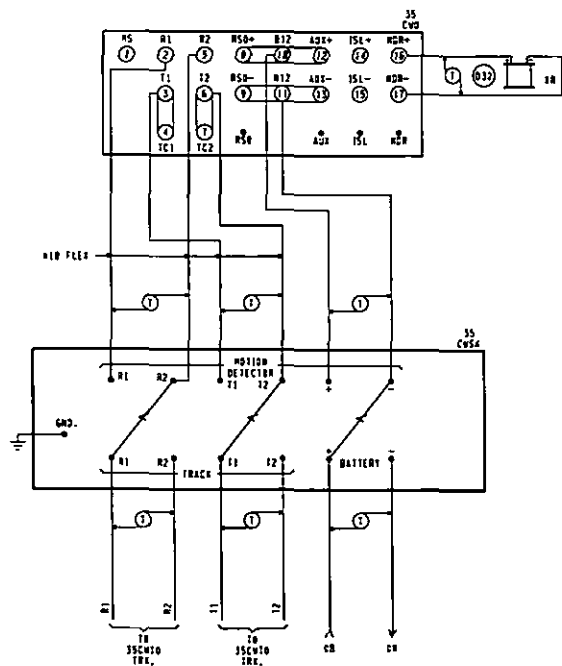


(---) - EXISTING
 (---) - NEW
 (---) - SIGNAL EQUIPMENT
 ALL ELSE OUT
 THIS SHEET IS VOID
 WHEN AS IN SERVICE.
 10-05-15

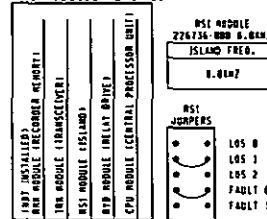
xorail

REVISIONS		DESIGNED			
CREATED	DATE	BY	CHKD	DATE	BY
08-10-11	08-10-11	PAJ100110			
01-10-11	01-10-11	PAJ101301			
		FILE NO.	FILE	FILE	FILE
		BAS0735	CR1	BAS0735	501

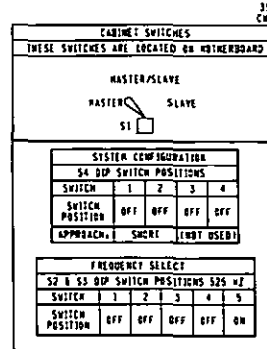
1R0030.CIT BAS0735.S01



35CUU
PHD-3 MODULES REQUIRED



FRONT VIEW



ALL OUT
THIS SHEET IS VOID
WHEN AS IN SERVICED.
CDD1540093 P4215021
18-05-15 ERL/D.KC/VER/




REVISIONS				RAIL TRANSPORT GROUP ENGINEERING COMMUNICATIONS AND SIGNALS NEW OXFORD RD. 832125X CROSSING DETECTION CIRCUITRY HANOVER, PA N.P. 045-57.35			
11-18-13 IRS P4215021				DESIGNED CS4			
				DIGITIZED IRS/TLR			
				CHECKED IRS/LLB			
				DATE 11-18-13			
DRAWING	SHEET NO	NEXT SH	NEXT FILE	NEXT SH	FILE	SHEET	
-----	-----	-----	BAS85735	002	BAS85735	001	

TRM LOCAL PARAMETERS PMD-3 DESIGN CARD

OPERATING PROGRAM		VERSION AND COMPIL DATE	DEFAULTS & PRN STYLE	FIELD RECORD
PMDG			35.0 MM/DD/YY	35.0 10/1/83
SYSTEM MONITOR PROGRAM		VERSION AND COMPIL DATE	DEFAULTS & PRN STYLE	FIELD RECORD
EPRM			20.2 MM/DD/YY	20.2 10/1/83
ADJUSTMENT		RANGE	DEFAULT	TRACK 1
#1 RA		100 IS INTENDED	NA	
#2 PH (PHASE)		INTENDED ABOVE 32 (NOT ADJUSTABLE)	NA	
#3 CW / PD		CW OR PD NOT ADJUSTABLE FROM PD TOWARD CW (SEE TCR 438-B1 FOR CONSTRAINTS)	PD	PD
#4 UNLMD (IF CW IS CHOSEN IN #3)		ONE OR TWO	01	01
#5 LIA (IF CW IS CHOSEN IN #3)		-9 TO +9	LIA=0	NA
#6 W1 (IF CW IS CHOSEN IN #3)		25 TO 99	W1=99	NA
#7 TC		WHEN IN CONFORMANCE WITH PMD-3 MANUAL, ADJUST TC FOR A TRANSMITTER CHECK POSITION VALUE LESS THAN 438	NA	
#8 B (BALLAST COMPENSATION)		50 TO 250 (FIELD ADJUSTMENT - ADJUST ONLY WHEN IN CONFORMANCE WITH DATA ACCUMULATED AT THIS SITE AND IN COMPLIANCE WITH SUPERVISOR INSTRUCTIONS & PMD-3 MANUAL)	NA	
#9 PC (PHASE COMPENSATION)		0 TO -10 (FIELD ADJUSTMENT - ADJUST ONLY WHEN IN CONFORMANCE WITH SUPERVISOR INSTRUCTIONS & PMD-3 MANUAL)	PC=0	
#10 FREE		REFERENCE, NOT ADJUSTABLE FROM MENU	NA	525 #2
#11 FS-T (FALSE SHUNT TIMER)		ENTRANCE TO SUB-MENU FOR RESIDUAL FALSE SHUNT STARTED DURING TRAIN PASSAGE	NA	NA
#12 FR (FALSE SHUNT % OF W1 APPROACH)		0 TO 80 NOT ADJUSTABLE FROM ZERO UNTIL AFTER STRICT DESIGN REVIEW FOR SITE APPLICATION CONFLICTS, TR-B HEADS DISABLED (SEE TCR 438-B1 FOR CONSTRAINTS)	FR=0	FR=0
#13 FT (FAULT TIMER)		0 TO 99 MINUTES (FACTORY DEFAULT IS 10)	FT=10	NA
#14 AR-T (APPROACH RELEASE TIMER)		ENTRANCE TO SUB-MENU FOR RESIDUAL FALSE SHUNT STARTED DURING TRAIN PASSAGE	NA	NA
#15 AR (FALSE SHUNT % OF W1 APPROACH)		0 TO 80 NOT ADJUSTABLE FROM ZERO UNTIL AFTER STRICT DESIGN REVIEW FOR SITE APPLICATION CONFLICTS, AR-B HEADS DISABLED (SEE TCR 438-B1 FOR CONSTRAINTS)	AR=0	AR=0
#16 AT (FAULT TIMER)		0 TO 99 MINUTES (FACTORY DEFAULT IS 10)	AT=10	AT=10
#17 MS (HIGHEST STABLE W VALUE)		REFERENCE, NOT ADJUSTABLE FROM MENU	NA	NA
#18 LP (LOWEST STABLE W VALUE)		REFERENCE, NOT ADJUSTABLE FROM MENU	NA	NA
#19 SD (SELF DIAGNOSTICS)		REFERENCE, NOT ADJUSTABLE FROM MENU, 001 MENU CAN REVIEW THEN CLEAR DIAGNOSTIC CODES	NA	NA
#20 REC (TRAIN RECORD DISPLAY)		REFERENCE, SEQUENTIAL DISPLAY OF PREVIOUS WARNING TIME RECORDS (NO ADJUSTMENT)	NA	NA
#21 PRN (PRINTER/ALARM READY)		STARTS DOWNLOAD OF INTERNAL TRAIN EVENT LOG WHEN SERIAL PORT CABLE CONNECTED	NA	NA
#22 LSP (LOCAL SERIAL PORT)		ENTRANCE TO SUB-MENU FOR SETTING SPEED OF SERIAL PORT DOWNLOADS	NA	NA
#23 @ (BAUD RATE)		BAUD RATE OF 50,400 IS 304 AND DEFAULT	@=304	@=304
#24 DR (DATA BITS)		7 OR 8 8 IS DEFAULT	DR=8	DR=8
#25 PA (PARITY)		E, O, N N IS DEFAULT	PA=N	PA=N
#26 AR (AR10 R1)		OP OR ON ON IS FACTORY DEFAULT (FIELD ADJUSTMENT - ADJUST IN "OP" ONLY WHEN BC HAS BEEN PREVIOUSLY STABILIZED THROUGH ADJUSTMENT, AND ONE? WHEN IN CONFORMANCE WITH SUPERVISOR INSTRUCTIONS AND PMD-3 MANUAL)	AR=ON	AR=ON
#27 RA (POTENTIOMETER VALUE)		REFERENCE, DISPLAY ONLY	NA	NA
#28 VRS (PROGRAM VERSION)		REFERENCE, SEQUENTIAL DISPLAY OF EPRM AND SOFTWARE VERSIONS	NA	NA

ALL OUT
THIS SHEET IS VOID
WHEN AS IN SERVICED.
CDD140003 P42010021
18-05-15 XRL/0.MCIVER/

xorail

REVISIONS				 RAIL TRANSPORT GROUP ENGINEERING COMMUNICATIONS AND SIGNALS NEW OXFORD RD. 832125X DETECTION DEVICE PROGRAM KAMYER, PA N.P. 845-57.35			
11-10-13 IRS P42013025				DESIGNED	DIGITIZED	CHECKED	DATE
				CS&S	IRS/RLH	IRS/LLB	11-10-13
DRAWING	SHEET NO	NEXT SH	NEXT FILE	NEXT SH	FILE	SHEET	
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INDEX CONTENTS

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501	TRACK AND SIGNAL PLAN	☒								
E01	POWER DISTRIBUTION	☒								
C01	DETECTION DEVICE CONSIST CME-35	☒								
C02	DETECTION CIRCUITRY CME-35	☒								
C03	CROSSING WARNING DEVICE GATE CIRCUITRY	☒								
C04	CROSSING WARNING DEVICE LIGHT CIRCUITRY	☒								
C05	SEAR II CIRCUITS	☒								
C06	SEAR II CONFIGURATION AND FUNCTIONS	☒								
C07	SEAR II CHANNELS	☒								
C08	WAYSIDE ACCESS GATEWAY	☒								

☒ = DESIGN COMPLETED
 ☒ = REVISION COMPLETED

REVISIONS				
REV. NO.	PROJECT NO.	DESIGN DATE	IN SERVICE DATE	REVISION DATE
1	PA2015021	10-05-15		

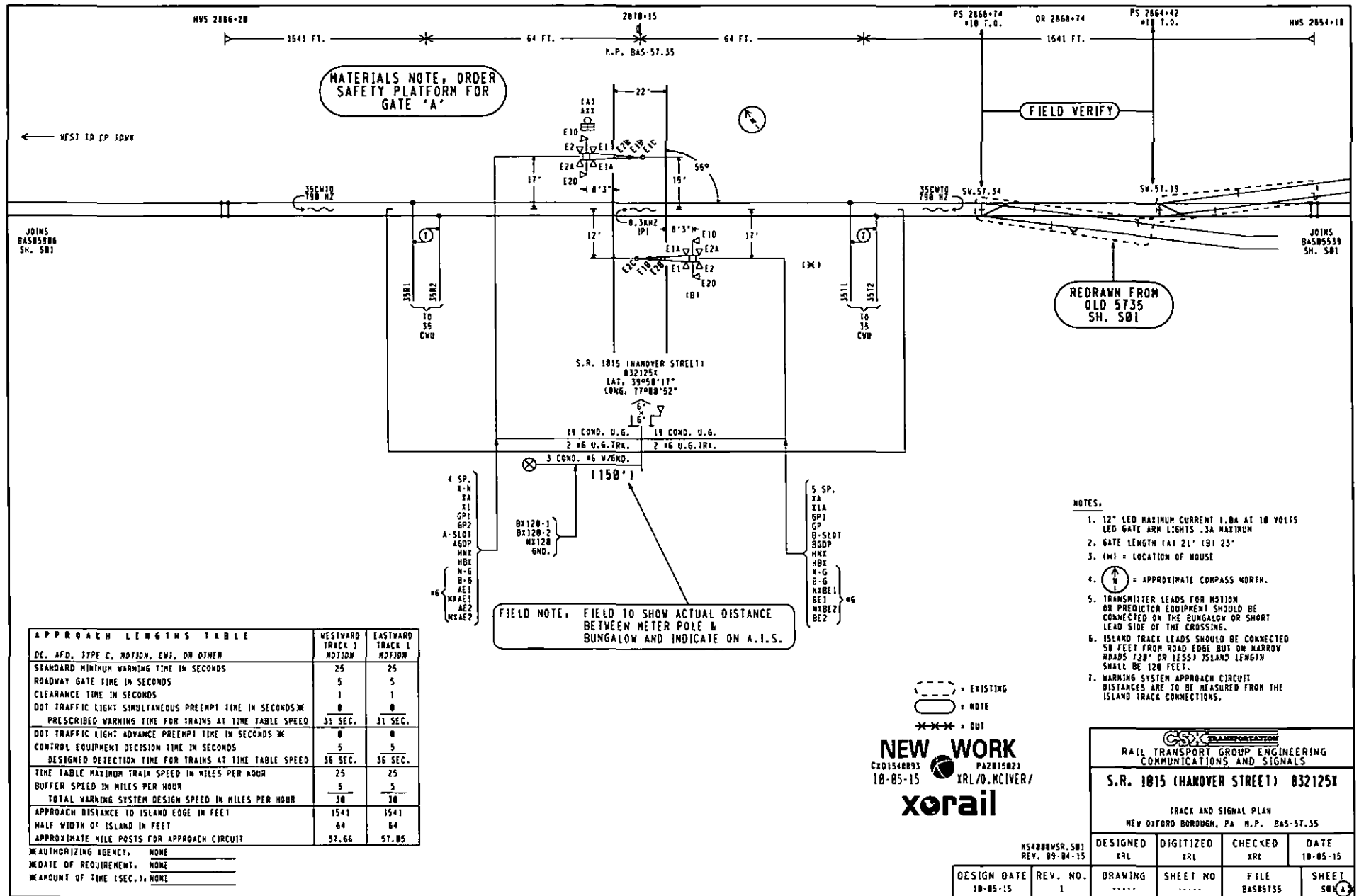
TO BE COMPLETED ON A.I.S.

NOTE
NEW WORK
 CXC1540093 PA2015021
 18-05-15 XRL/O.MCIVER/
xorail

CSX TRANSPORTATION
 RAIL TRANSPORT GROUP ENGINEERING
 COMMUNICATIONS AND SIGNALS
S.R. 1815 (HANOVER STREET) 032125X
 INDEX AND REVISIONS
 NEW BRFORD BOROUGH, PA N.P. BAS-57.35

DESIGNED XRL	DIGITIZED XRL	CHECKED XRL	DATE 10-05-15
DESIGN DATE 10-05-15	REV. NO. 1	DRAWING -----	SHEET NO -----
		FILE BAS05735	SHEET 101

NS4000USR.101
REV. 09-04-15



MATERIALS NOTE, ORDER SAFETY PLATFORM FOR GATE 'A'

FIELD VERIFY

REDRAWN FROM OLD 5735 SH. 501

S.R. 1815 HANOVER STREET
832125X
LAT. 39°58'17"
LONG. 77°08'52"

FIELD NOTE. FIELD TO SHOW ACTUAL DISTANCE BETWEEN METER POLE & BUNGALOW AND INDICATE ON A.I.S.

- NOTES:
- 12" LED MAXIMUM CURRENT 1.0A AT 10 VOLTS LED GATE ARM LIGHTS .3A MAXIMUM
 - GATE LENGTH (A1 21' B1 23')
 - (M) = LOCATION OF HOUSE
 - (N) = APPROXIMATE COMPASS NORTH.
 - TRANSMITTER LEADS FOR MOTION OR PREDICION EQUIPMENT SHOULD BE CONNECTED ON THE BUNGALOW OR SHORT LEAD SIDE OF THE CROSSING.
 - ISLAND TRACK LEADS SHOULD BE CONNECTED 50 FEET FROM ROAD EDGE BUT ON NARROW ROADS 120" OR LESS ISLAND LENGTH SHALL BE 120 FEET.
 - WARNING SYSTEM APPROACH CIRCUIT DISTANCES ARE TO BE MEASURED FROM THE ISLAND TRACK CONNECTIONS.

APPROACH LENGTHS TABLE	WESTWARD TRACK 1 MOTION	EASTWARD TRACK 1 MOTION
DC, AFD, TYPE C, MOTION, CWJ, OR OTHER		
STANDARD MINIMUM WARNING TIME IN SECONDS	25	25
ROADWAY GATE TIME IN SECONDS	5	5
CLEARANCE TIME IN SECONDS	1	1
DOT TRAFFIC LIGHT SIMULTANEOUS PREEMPT TIME IN SECONDS *	0	0
PRESCRIBED WARNING TIME FOR TRAINS AT TIME TABLE SPEED	31 SEC.	31 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	36 SEC.	36 SEC.
TIME TABLE MAXIMUM TRAIN SPEED IN MILES PER HOUR	25	25
BUFFER SPEED IN MILES PER HOUR	5	5
TOTAL WARNING SYSTEM DESIGN SPEED IN MILES PER HOUR	30	30
APPROACH DISTANCE TO ISLAND EDGE IN FEET	1541	1541
HALF WIDTH OF ISLAND IN FEET	64	64
APPROXIMATE MILE POSTS FOR APPROACH CIRCUIT	57.66	57.85

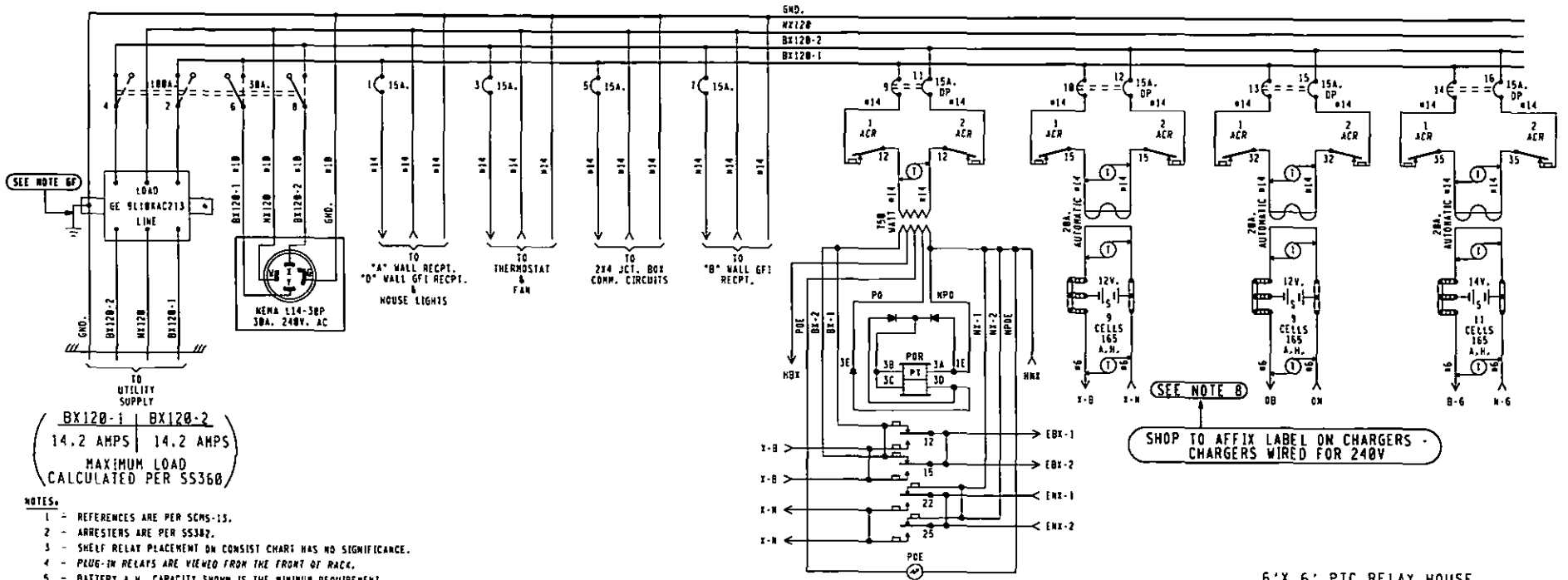
* AUTHORIZING AGENCY, NONE
 * DATE OF REQUIREMENT, NONE
 * AMOUNT OF TIME (SEC.), NONE

NEW WORK
 CXL154893 PAZ15021
 18-05-15 XRL/0.MCIVER/

 RAIL TRANSPORT GROUP ENGINEERING COMMUNICATIONS AND SIGNALS S.R. 1815 (HANOVER STREET) 832125X TRACK AND SIGNAL PLAN NEW OXFORD BOROUGH, PA N.P. 845-57.35			
DESIGNED XRL	DIGITIZED XRL	CHECKED XRL	DATE 10-05-15
DESIGN DATE 10-05-15	REV. NO. 1	DRAWING	SHEET NO.
		FILE BAS05735	SHEET 501A

NS488VSR.S01
REV. 09-04-15

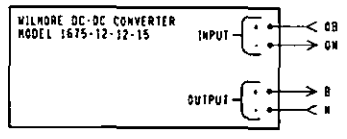
TOP ROW													
1R		YPR		GPR		EGR		PGR		1ACR		2ACR	
12	FB	22	F	12	B	12	FB	12	FB	12	B	12	B
15	FB	25	F	15	B	15	FB	15	FB	15	B	15	B
22				22		22	FB	22	FB	22		22	
23				25		25		25	FB	25		25	
25	F			32	F	32	F	32	F	32	B	32	B
32				35	B	35	FB	35		35	B	35	B
35													



(BX120-1 | BX120-2)
 14.2 AMPS | 14.2 AMPS
 MAXIMUM LOAD
 CALCULATED PER S536W

SEE NOTE B
 SHOP TO AFFIX LABEL ON CHARGERS -
 CHARGERS WIRED FOR 240V

- NOTES:
- REFERENCES ARE PER SCMS-15.
 - ARRESTERS ARE PER S5382.
 - SHELF RELAY PLACEMENT ON CONSIST CHART HAS NO SIGNIFICANCE.
 - PLUG-IN RELAYS ARE VIEWED FROM THE FRONT OF RACK.
 - BATTERY A.H. CAPACITY SHOWN IS THE MINIMUM REQUIREMENT.
 - WIRING
 - A - FEED TO ALL BUSSES, LIGHT CIRCUITS, MOTOR CIRCUITS TO BE #10 FLEX.
 - B - 120-VOLT FEED FROM ENTRANCE TO POWER BUSS TO BE #10 FLEX.
 - C - ALL TRACK WIRES TO BE #10 FLEX.
 - D - ALL OTHERS TO BE #16 FLEX UNLESS NOTED.
 - E - ALL BATTERY OUTPUTS TO BE #6 PER S536W.
 - F - GROUND WIRE NOT NECESSARY WHEN GE ARRESTER IS MOUNTED ON GROUND PLANE OR METAL ENCLOSURE AFFIXED DIRECTLY TO BUNGALOW METALLIC STRUCTURAL MEMBER.
 - CIRCUIT INTERRUPTERS 2 & 4 ARE MECHANICALLY INTERLOCKED WITH CIRCUIT INTERRUPTERS 6 & 8.
 - CHARGERS WIRED FOR 240VAC
 - CIRCUIT BREAKERS PANEL- 00124L1256 (24 SPACES)



NEW WORK
 CXD154893 PA2815821
 10-05-15 XRL/O.MCIVER/
xorail

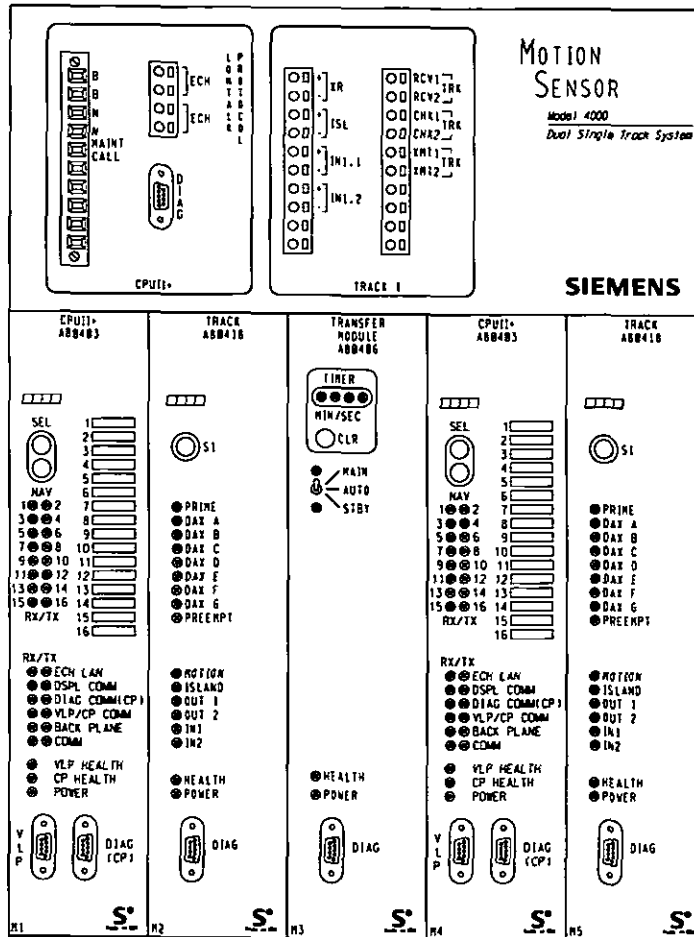
6' X 6' PTC RELAY HOUSE

CSX TRANSPORTATION
 RAIL TRANSPORT GROUP ENGINEERING
 COMMUNICATIONS AND SIGNALS

S.R. 1015 (HAMOVER STREET) 832125X

POWER DISTRIBUTION
 NEW OXFORD BOROUG, PA N.P. BAS-57.35

DESIGNED XRL	DIGITIZED XRL	CHECKED XRL	DATE 10-05-15
DESIGN DATE 10-05-15	REV. NO. 1	DRAWING	SHEET NO
		FILE BAS05735	SHEET E01



M5 4000 APPLICATION NOTES,

1. THE MOTION SENSOR (MS) IS A MODULAR MICROPROCESSOR CONTROLLED SYSTEM THAT IS DEPLOYED TO CONTINUALLY MONITOR THE APPROACHES TO RAILROAD GRADE CROSSINGS AND TO CONTROL THE LAMPS, GATES AND BELLS ASSOCIATED WITH THOSE CROSSINGS.
2. THE MS 4000 (ABB400) IS A SINGLE TRACK REDUNDANT UNIT THAT INCLUDES THE FOLLOWING MODULES.

SLOT	MODULE	FUNCTION	PART NO.
N1	CPU-1+	MAIN	ABB403
N2	TRACK-1	MAIN	ABB416
N3	TRANSFER UNIT		ABB406
N4	CPU-1+	STANDBY	ABB403
N5	TRACK-1	STANDBY	ABB416
3. EACH TRACK MODULE HAS TWO PROGRAMMABLE INPUTS AND TWO PROGRAMMABLE OUTPUTS.
4. LOCATED ON THE FRONT OF EACH MODULE THERE ARE LED LIGHTS TO INDICATE THE ACTIVITY OF CERTAIN FUNCTIONS OCCURRING INSIDE THE MS.
5. BETWEEN SLOT 1 & 2 THERE IS A CHASSIS IDENTIFICATION CHIP (CIC) SOCKET AND AN ECD CONNECTOR (DB-25 FEMALE).
6. UPON THE FAILURE OF A MODULE IN SLOTS N1-N2 THE AUTOMATIC TRANSFER UNIT SWITCHES TO THE STANDBY MODULES IN SLOTS N4-N5.

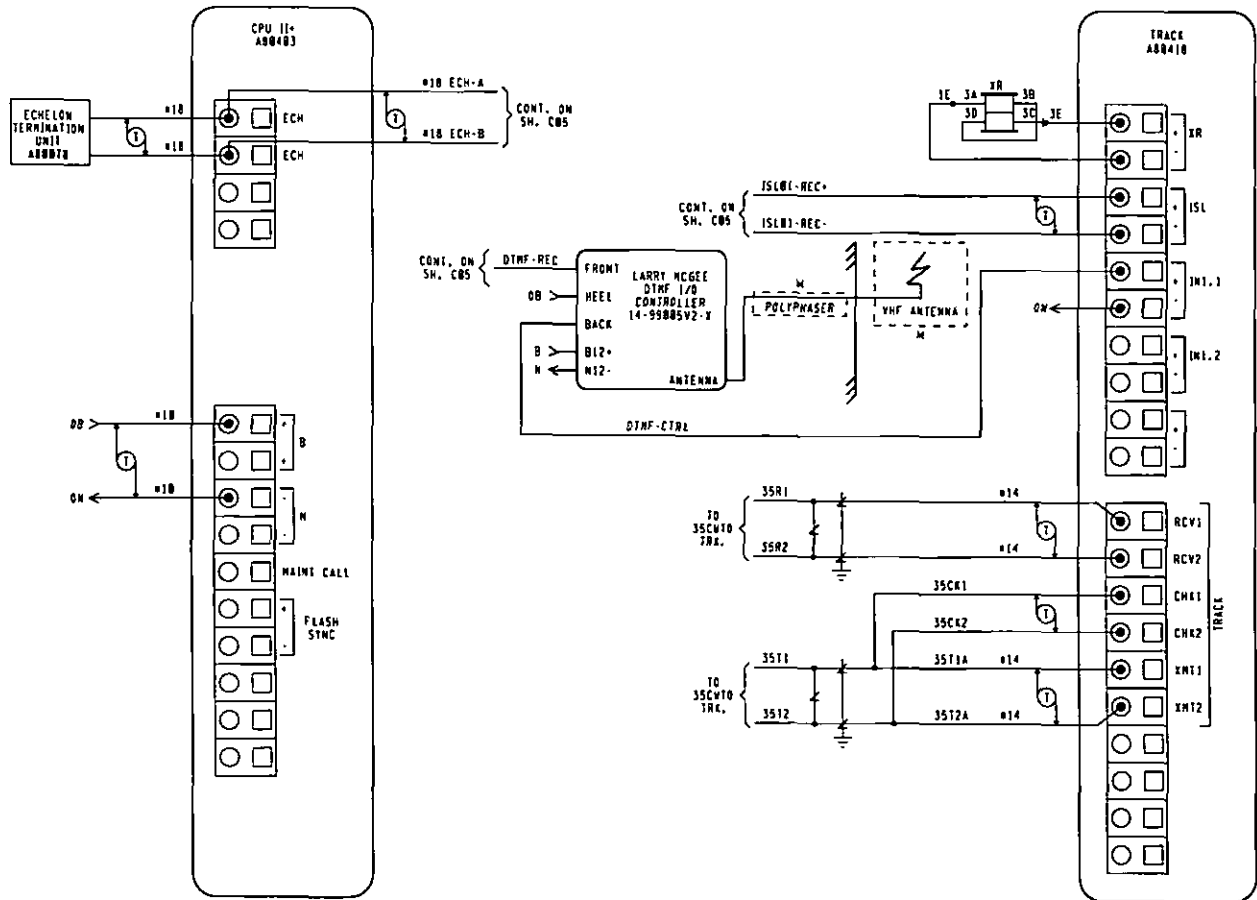
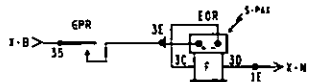
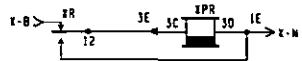
*** : OUT
NEW WORK
CXD1540093 PA2015021
10-05-15 XRL/O.MCIVER/
xorail

CSX TRANSPORTATION
RAIL TRANSPORT GROUP ENGINEERING
COMMUNICATIONS AND SIGNALS
S.R. 1015 (HANOVER STREET) 832125X
DETECTION DEVICE CONSIST CWE-35
NEW OXFORD BOROUGHS, PA M.P. BAS-57.35

MS4000USR.C01 REV. 09-04-15		DESIGNED XRL	DIGITIZED XRL	CHECKED XRL	DATE 10-05-15
DESIGN DATE 10-05-15	REV. NO. 1	DRAWING	SHEET NO	FILE BAS05735	SHEET 001

4000 HS APPLICATION DESIGN CARD

PROGRAM	
AFRD (APPROACH FREQUENCY)	790 HZ
DIRN (APPROACH DIRECTION)	UNI <input type="checkbox"/> BI <input type="checkbox"/> BMD <input type="checkbox"/>
TLVL (TRANSMIT LEVEL)	MED <input type="checkbox"/> HI <input type="checkbox"/>
APRD (APPROACH PICKUP DELAY)	75 * SEC.
UAX (UPSTREAM ADJACENT CROSSING)	M1 SEC.
ISL (ISLAND FREQUENCY)	8.3 KHZ
IPRU (ISLAND PICKUP DELAY)	0 * SEC.
IN1 (INPUT 1)	UAX
IN2 (INPUT 2)	NOT USED *
ADVANCED MENU	
PSTR (POSITIVE START)	OFF *
PTIN (POSITIVE START TIMER)	N/A MIN.
SHNT (SUDDEN SHUNT)	OFF *
LWZ (LOW EZ DETECT)	OFF *
LWZ (LOW EZ ADJUSTMENT)	39 *
COMP (COMPENSATION LEVEL)	1300 *
PRED (PREDICTOR)	NO *
WTR (WARNING TIME)	N/A SEC.



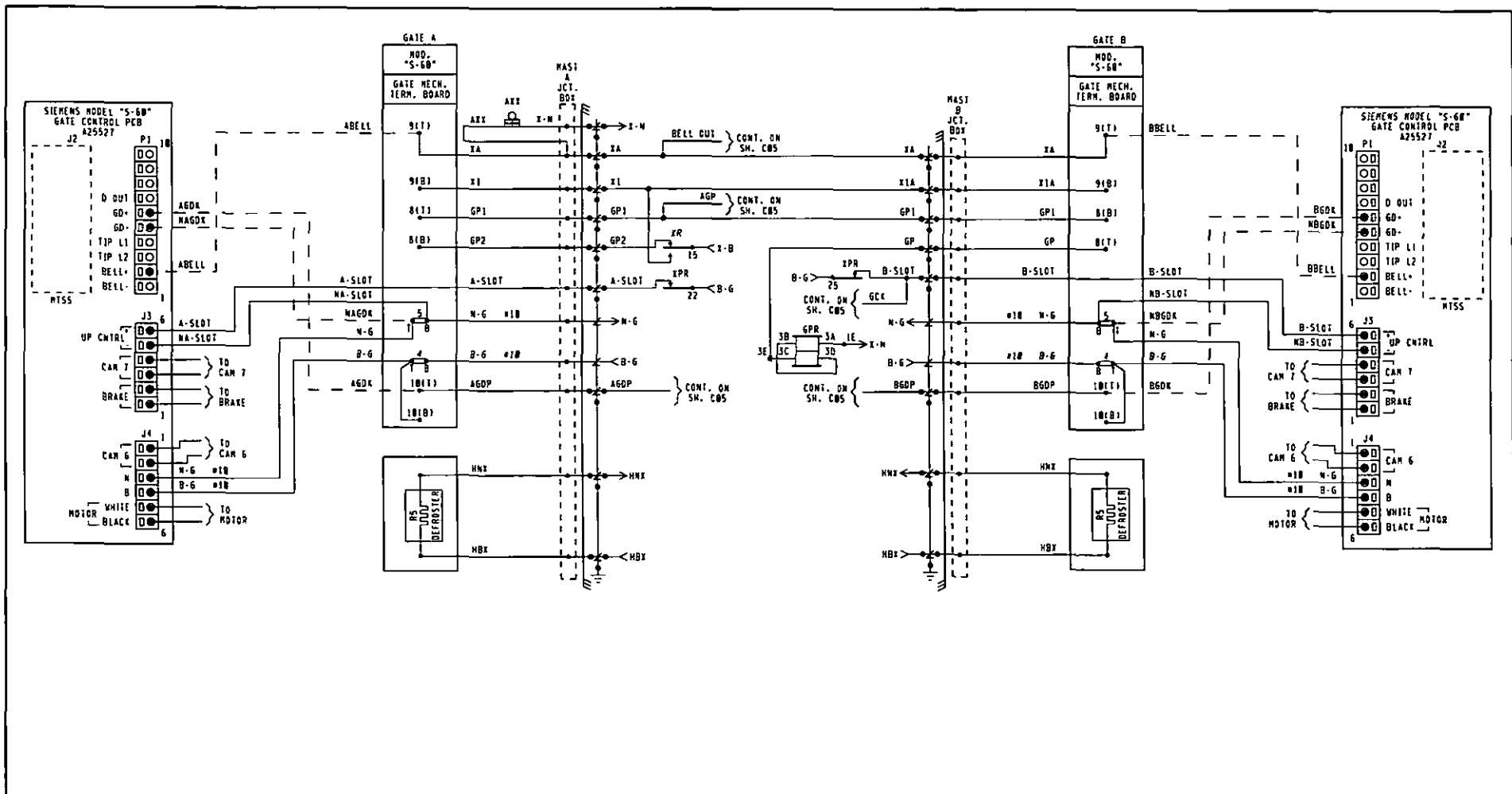
PROGRAMMING FOR DTMF RADIO
 REMOTE DTMF CROSSING ACTIVATION
 (ACTIVATES ENTIRE CROSSING)
 TO ACTIVATE PRESS, 125*
 TO DE-ACTIVATE PRESS, 125*
 (ACTIVATION WILL TIME OUT AFTER 60 SEC.)

NEW WORK
 CXC1540833 PAZ01522
 10-05-15 XRL/D.MCIVER/
xorail

- NOTES:
- * = FACTORY DEFAULT (IF FIELD ADJUSTMENTS ARE NEEDED REFER TO MS4000 MANUAL, (SIG 00-11-02)).
 - M = COMMUNICATIONS TO SUPPLY

CSX TRANSPORTATION
 RAIL TRANSPORT GROUP ENGINEERING
 COMMUNICATIONS AND SIGNALS
 S.R. 1015 (HANOVER STREET) 832125X
 DETECTION CIRCUITRY CUE-35
 NEW OXFORD BOROUGH, PA M.P. BAS-57.35

DESIGNED XRL	DIGITIZED XRL	CHECKED XRL	DATE 10-05-15
DESIGN DATE 10-05-15	REV. NO. 1	DRAWING	SHEET NO
		FILE BAS05735	SHEET C02

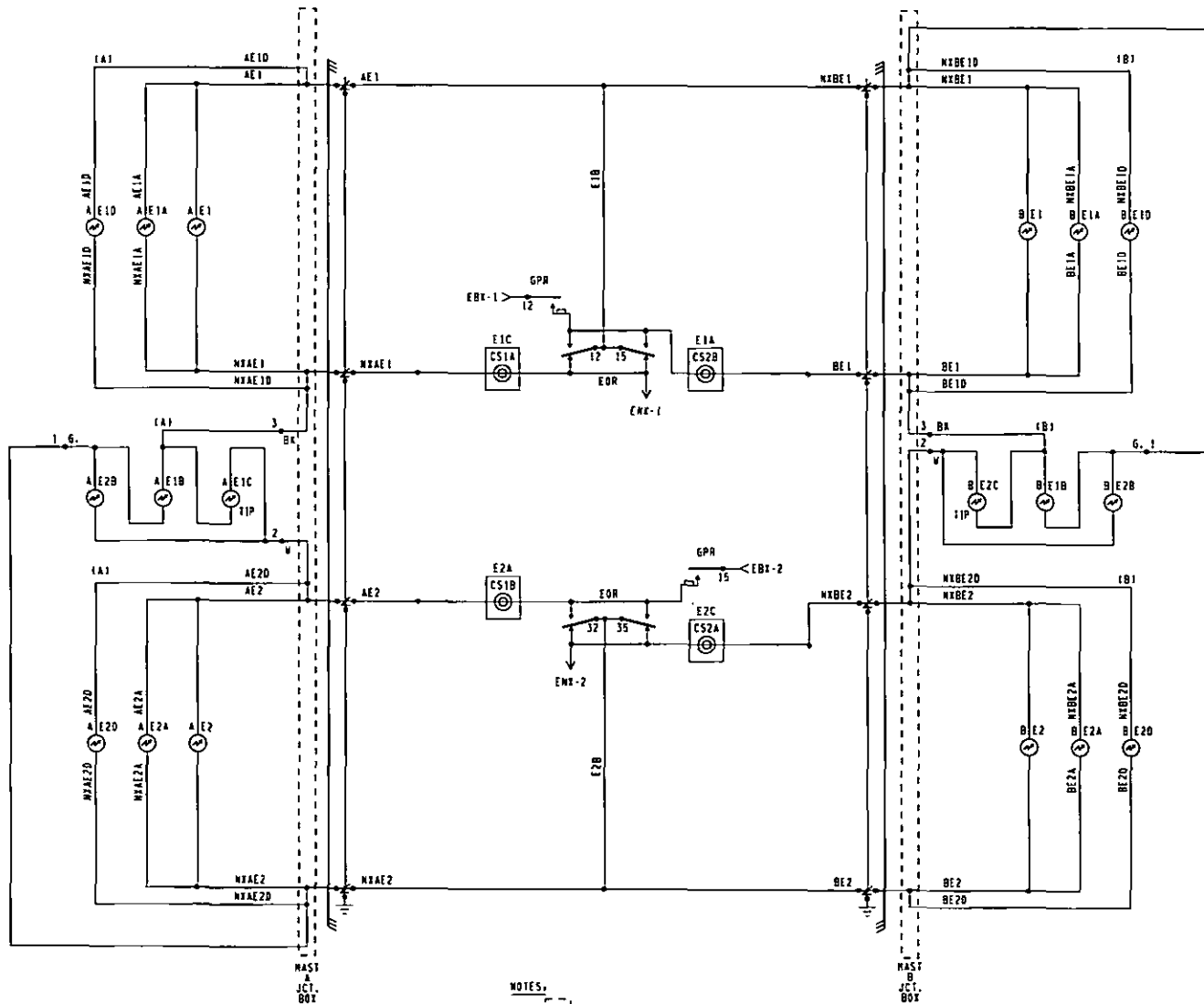


NEW WORK
 CRD1548893 P2015821
 18-05-15 XRL/0.ACIVER/

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 RAIL TRANSPORT GROUP ENGINEERING COMMUNICATIONS AND SIGNALS			
S.R. 1015 (HAMOVER STREET) 832125X			
CROSSING WARNING DEVICE GATE CIRCUITRY NEW OXFORD BOROUGH, PA M.P. BAS-57.35			
DESIGNED XRL	DIGITIZED XRL	CHECKED XRL	DATE 18-05-15
DESIGN DATE 18-05-15	REV. NO. 1	DRAWING -----	SHEET NO. -----
		FILE BAS05735	SHEET 003

NS4888VSR.C03
 REV. 05-04-15



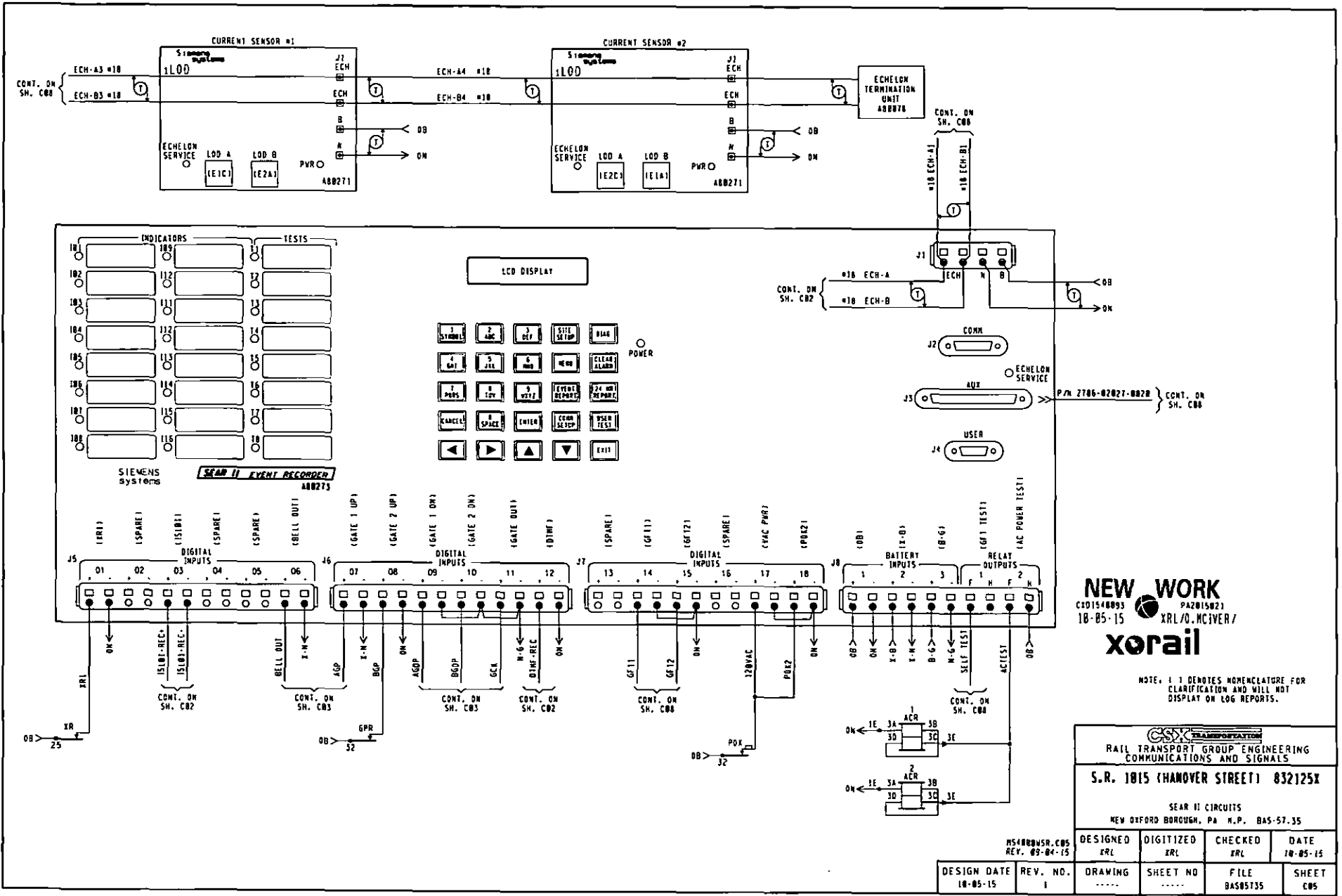
- NOTES:
1. = TERMINAL IN JCT. BOX
 2. WHEN 7 OR MORE LIGHTS ON A SINGLE STRUCTURE REFER TO SS-382 FOR REQUIRED ARRESTER RATING.

NEW WORK
 CXD1548893 P42815821
 18-05-15 XRL/O.MCIVER/



CSX TRANSPORTATION				
RAIL TRANSPORT GROUP ENGINEERING COMMUNICATIONS AND SIGNALS				
S.R. 1015 (HANOVER STREET) 832125X				
CROSSING WARNING DEVICE LIGHT CIRCUITRY NEW OXFORD BOROUG, PA. N.P. BAS-57.35				
DESIGNED XRL	DIGITIZED XRL	CHECKED XRL	DATE 18-05-15	
DESIGN DATE 18-05-15	REV. NO. 1	DRAWING	SHEET NO.	FILE BAS05735
		SHEET C04		

NS4088VSR.C04
REV. 09-04-15



NEW WORK
 C101548893 PA2015021
 18-05-15 XRL/0.ACIVER/
xorail

NOTE: 1 DENOTES NOMENCLATURE FOR CLARIFICATION AND WILL NOT DISPLAY ON LOG REPORTS.

RAIL TRANSPORT GROUP ENGINEERING COMMUNICATIONS AND SIGNALS				
S.R. 1815 (HANOVER STREET) 832125X				
SEAR II CIRCUITS NEW OXFORD BOROUGH, PA M.P. BAS-57.35				
DESIGNED XRL	DIGITIZED XRL	CHECKED XRL	DATE 10-05-15	
DESIGN DATE 18-05-15	REV. NO. 1	DRAWING	SHEET NO	SHEET 005

	DEFAULTS AND/OR STYLE	FIELD RECORD
SEAR II EXECUTIVE PROGRAM	VERSION: <u>SYR545AB1L</u>	VERSION:
APPLICATION PROGRAM (IF LOADED)	VERSION:	VERSION:

FIELD TO PROVIDE SEAR II PROGRAM INFORMATION ON AIS

SITE SET UP OPTIONS	
OPTION	SELECTION
DATE	XX-XX-XXXX
TIME	(XXXXXX)
DATLGT SAVING TIME	YES <input type="checkbox"/> NO <input type="checkbox"/>
TIME ZONE	<input type="checkbox"/> EST <input type="checkbox"/> CST
SITE NAME	S.R. 1015 (HANOVER STREET)
MILEPOST	8AS-57.35
DOT NUMBER	832125X
TESTER TYPE	<input checked="" type="checkbox"/> CROSSING <input type="checkbox"/> WAYSIDE
DATE FORMAT	<input type="checkbox"/> MM-DD-YYYY <input type="checkbox"/> DD-MM-YYYY
TEMP FORMAT	<input checked="" type="checkbox"/> FAHRENHEIT <input type="checkbox"/> CELSIUS
INDICATE HOLDOFF	0
INDICATE REFRESH	60
SITE TYPE	<input type="checkbox"/> NO COMMUNICATION <input type="checkbox"/> DIAL-UP <input checked="" type="checkbox"/> COLLECTOR <input type="checkbox"/> NODE <input type="checkbox"/> BULLHORN/NODE <input type="checkbox"/> CDS902X
SITE ATCS ADDRESS	7.125.468.010.99.01 (7.RRR.LLL.GGG.99.01)
OFFICE ADDRESS	7.125.NN.NNNN (7.RRR.NN.0000)
OFFICE SITE ADDRESS	NA
BACK UP SITE ADDRESS 1	NA
BACK UP SITE ADDRESS 2	NA
POLL ID (11-99)	1
GEN/ATCS MODE	<input type="checkbox"/> GEMISYS <input checked="" type="checkbox"/> GEN/ATCS
XID DISABLED	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
OFFICE CON. DEVICE	<input type="checkbox"/> DIRECT <input type="checkbox"/> MCM (RS232) <input type="checkbox"/> MCM (ECM) <input checked="" type="checkbox"/> WAG (ECCHELOW) <input type="checkbox"/> DIAL UP (RS232) <input type="checkbox"/> S2000 RADIO (RS422)
RADIO ATCS ADDRESS	7.125.468.010.99.01
OFFICE PHONE NUMBER	1-XXX-XXX-XXXX
INIT. STRING	
FIELD CONN	<input type="checkbox"/> VHF (ECM) <input type="checkbox"/> VHF (RS232) <input type="checkbox"/> WAG (ECM) <input type="checkbox"/> SS (RS232) <input checked="" type="checkbox"/> NONE
USER PORT	BAUD RATE (9600)
AUX PORT	BAUD RATE (9600)
CONN PORT	BAUD RATE (9600)

NOTE 5

NOTE 6

NOTE 7

NOTES:

- LARGE CONFIGURATION ASSIGNS RECORDER INPUTS FOR USE WHEN DIGITAL I/O MODULE REQUIRED.
- IF WARNING DEVICE = NONE MAIN/STANDBY OPTION NOT SHOWN.
- IF VHF COMMUNICATIONS = NO THEN BDM ACTIVATION AND CHANNEL OPTIONS ARE NOT SHOWN.
- LAST 3 DIGITS OF DOT NO. FOR FIRST ACTIVATION CODE.
- DEFAULT ADDRESS 7.628.100.100.99.01 USED FOR STAND ALONE LOCATIONS.
- OPTIONS NOT SHOWN IF SITE TYPE = NO COMMUNICATIONS.
- FORMAT AS: BAUD, DATA BITS, PARITY STOP BITS, FLOW CONTROL.

FIELD TO PROVIDE BATTERY VOLTAGES ON AIS

LIT BULB COUNT ON EACH CIRCUIT	NO.	TYPE OF BULB	CURRENT READING IN AMP. AT APPROX. 10.0 V BULB VOLTAGE
CURRENT SENSOR (1) E1C, LAMP SET UP	5	<input type="checkbox"/> BULBS <input checked="" type="checkbox"/> LED	3.6
CURRENT SENSOR (1) E2A, LAMP SET UP	5	<input type="checkbox"/> BULBS <input checked="" type="checkbox"/> LED	3.6
CURRENT SENSOR (2) E2C, LAMP SET UP	5	<input type="checkbox"/> BULBS <input checked="" type="checkbox"/> LED	3.6
CURRENT SENSOR (2) E1A, LAMP SET UP	5	<input type="checkbox"/> BULBS <input checked="" type="checkbox"/> LED	3.6

MEASURE BATTERY VOLTAGE AT INPUT	
BATTERY VOLTAGE OB	XXXX VOLTS
BATTERY VOLTAGE X-B	XXXX VOLTS
BATTERY VOLTAGE B-G	XXXX VOLTS

SITE SET UP OPTIONS CONT.	
OPTION	SELECTION
RAILROAD NUMBER	125
CROSSING CONFIGURATION	STANDARD <input checked="" type="checkbox"/> LARGE <input type="checkbox"/> REMOTE <input type="checkbox"/> SPLIT GATE <input type="checkbox"/> ISL ONLY <input type="checkbox"/> CP COLLECTOR <input type="checkbox"/>
NUMBER OF XR INPUTS	0 <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/>
NUMBER OF ISL INPUTS	0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/>
CONSTANT WARNING DEVICE	GCP <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> NONE <input type="checkbox"/>
TOTAL NUMBER OF GCP NODES	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/>
NUMBER OF REDUNDANT GCP	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/>
CROSSING CONTROLLER 1	SSCC IIIA / PLUS <input type="checkbox"/> SSCC IV <input type="checkbox"/> OTHER <input type="checkbox"/> NONE <input checked="" type="checkbox"/>
POKZ	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
MAIN / STANDBY	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
AUXILIARY TRACKS	0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/>
ENTRANCE GATE	0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/>
EXIT GATES	0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/>
GATE POSITION FAIL 10-60 SEC	25
NUMBER OF MAX INPUTS	0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/>
BATTERY BANKS	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/>
OB RESOLUTION	.2 <input type="checkbox"/> .5 <input type="checkbox"/> 1.0 <input type="checkbox"/>
X-B RESOLUTION	.2 <input type="checkbox"/> .5 <input type="checkbox"/> 1.0 <input type="checkbox"/> NOT PRESENT <input type="checkbox"/>
B-G RESOLUTION	.2 <input type="checkbox"/> .5 <input type="checkbox"/> 1.0 <input type="checkbox"/> NOT PRESENT <input type="checkbox"/>
X-B2 RESOLUTION	.2 <input type="checkbox"/> .5 <input type="checkbox"/> 1.0 <input type="checkbox"/> NOT PRESENT <input type="checkbox"/>
B-G2 RESOLUTION	.2 <input type="checkbox"/> .5 <input type="checkbox"/> 1.0 <input type="checkbox"/> NOT PRESENT <input type="checkbox"/>
X-B3 RESOLUTION	.2 <input type="checkbox"/> .5 <input type="checkbox"/> 1.0 <input type="checkbox"/> NOT PRESENT <input type="checkbox"/>
PREEMPTION	NORMAL <input type="checkbox"/> ADVANCED <input type="checkbox"/> NO <input type="checkbox"/>
KOR INPUT	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
VHF COMMUNICATOR	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ACTIVATION CODE 1	XXX
ACTIVATION CODE 2	XXX
ACTIVATION CODE 3	XXX
ACTIVATION TIMEOUT (30 TO 600 SECONDS)	60
LOAD MODULES	0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/>
ANY LED BULBS	NO <input type="checkbox"/> YES <input checked="" type="checkbox"/>
AUTO INSPECTIONS	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
BELL ON	GATES LOWERING <input checked="" type="checkbox"/> GATES MOVING <input type="checkbox"/> ALWAYS <input type="checkbox"/>
GROUND FAULT DETECTORS	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
BATTERIES ON GF11	1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/>
FULL APPROACH MOVE ALARMS	ACTIVATED <input checked="" type="checkbox"/> DO NOT ACTIVATE <input type="checkbox"/>

NOTE 1

NOTE 2

NOTE 3

NOTE 4

NEW WORK
C010540093 P42015021
10-05-15 XRL/0.NCIVER/
xorail

CSX TRANSPORTATION RAIL TRANSPORT GROUP ENGINEERING COMMUNICATIONS AND SIGNALS			
S.R. 1015 (HANOVER STREET) 832125X			
SEAR II CONFIGURATION AND FUNCTIONS NEW OXFORD BOROUGHS, PA N.P. 8AS-57.35			
DESIGNED XRL	DIGITIZED XRL	CHECKED XRL	DATE 10-05-15
DESIGN DATE 10-05-15	REV. NO. 1	DRAWING -----	SHEET NO -----
		FILE 8AS05735	SHEET C06

8540005R.C06
REV. 03-04-15

DISCRETE INPUTS	DI 01	DI 02	DI 03	DI 04	DI 05	DI 06
CHANNEL	1	2	3	4	5	6
NAME	XRI		ISLAND 1 (TRACK)			BELL OUT (BELL PWR)
TAG	XRI (XR)	SP	ISL	SP	SP	BELL OUT (BELL PWR)
OFF NAME	DOWN (XR)		DOWN (ISL)			OFF (BELL PWR)
ON NAME	UP (XR)		UP (ISL)			ON (BELL PWR)
ON DEBOUNCE TIME	100 ms	1000 ms	100 ms	1000 ms	1000 ms	100 ms
OFF DEBOUNCE TIME	100 ms	1000 ms	100 ms	1000 ms	1000 ms	100 ms
TOGGLE PERIOD	1000 ms	1000 ms	1000 ms	1000 ms	1000 ms	1000 ms

TSS INPUTS	DI 07	DI 08	DI 09	DI 10
CHANNEL	7	8	9	10
NAME	AGP	BGP	AGDP	BGDP
TAG	AGP (GP)	BGP (GP)	AGDP	BGDP
OFF NAME	LIGHTS FLASH	LIGHTS FLASH	NOT HORIZ	NOT HORIZ
ON NAME	GATE VERTICAL	GATE VERTICAL	GATE HORIZ	GATE HORIZ
ON DEBOUNCE TIME	100 ms	100 ms	100 ms	100 ms
OFF DEBOUNCE TIME	100 ms	100 ms	100 ms	100 ms
TOGGLE PERIOD	1000 ms	1000 ms	1000 ms	1000 ms

DISCRETE INPUTS	DI 11	DI 12	DI 13
CHANNEL	11	12	13
NAME	GATE CONTROL	OTMF	
TAG	ECOUT1 (GCR)	DTMF-REC	SP
OFF NAME	OFF (DESCENT)	OFF (NO GATE KEYED)	
ON NAME	ON (ASCENT ON)	ON (ACTIVATE)	
ON DEBOUNCE TIME	100 ms	100 ms	1000 ms
OFF DEBOUNCE TIME	100 ms	100 ms	1000 ms
TOGGLE PERIOD	1000 ms	1000 ms	1000 ms

GFT INPUTS	DI 14	DI 15
CHANNEL	14	15
NAME	GND FAULT TESTER 1 (GFT1,2)	GND FAULT TESTER 2 (GFT3,4)
TAG	GFT1 (GFT1 DATA)	GFT2 (GFT2 DATA)
BATTERY 1 NAME	OB (GND FAULT)	B-G (GND FAULT)
BATTERY 1 TAG	OB (GND FAULT)	B-G (GND FAULT)
BATTERY 2 NAME	X-B (GND FAULT)	SP
BATTERY 2 TAG	X-B (GND FAULT)	SP

DISCRETE INPUTS	DI 16	DI 17	DI 18
CHANNEL	16	17	18
NAME		120 VAC	PD12
TAG	SP	120 VAC	PD12
OFF NAME		OFF (ALL POWER OFF)	OFF (ALL POWER OFF)
ON NAME		ON (ALL POWER ON)	ON (ALL POWER ON)
ON DEBOUNCE TIME	1000 ms	100 ms	100 ms
OFF DEBOUNCE TIME	1000 ms	100 ms	100 ms
TOGGLE PERIOD	1000 ms	1000 ms	1000 ms

BATTERY INPUTS	BI1	BI2	BI3
CHANNEL	1	2	3
NAME	OB (ELECTRONIC BATT)	X-B (BULB BATT)	B-G (GATE BATT)
TAG	OB	X-B	B-G
SAMPLE PERIOD (ms)	500 (ms)	500 (ms)	500 (ms)
RESOLUTION (V)	0.2 (VOLTS)	0.2 (VOLTS)	1.0 (VOLTS)
AVERAGING SAMPLES	32 SAMPLES	32 SAMPLES	32 SAMPLES

RELAYS	RO1	RO2
CHANNEL	1	2
NAME	GFT TEST	AC POWER TEST (ACRLY)
TAG	SELF TEST	AC POWER TEST (ACRLY)
OFF STATE NAME	NOT TESTING	OFF (ACR DN)
ON STATE NAME	TESTING	ON (ACR UP)
UNKNOWN STATE NAME	PULSE	PULSE
ON PULSE TIME (s)	1 (s)	1 (s)
OFF PULSE TIME (s)	1 (s)	1 (s)
TOGGLE PERIOD (s)	1 (s)	1 (s)
DUTY CYCLE	50	50

NOTE: 1 J DENOTES NOMENCLATURE FOR CLARIFICATION AND WILL NOT DISPLAY ON LOG REPORTS.

NEW WORK
 CRO1540093 PA2015021
 18-05-15 XRL/00.MCIVER/
xorail

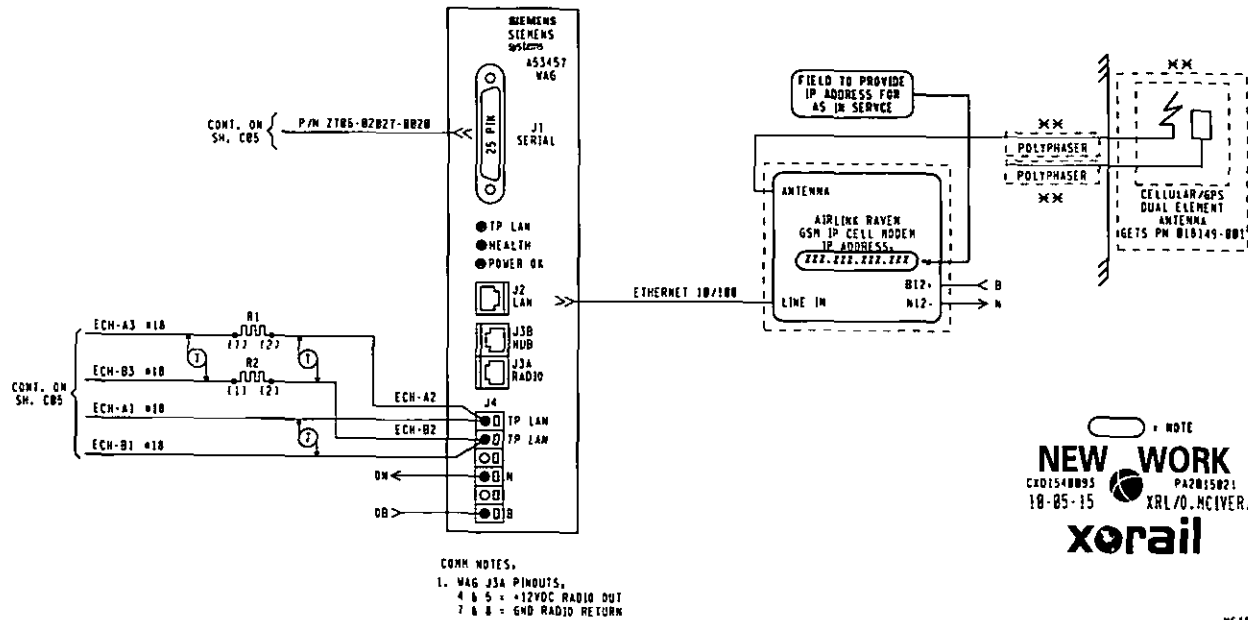
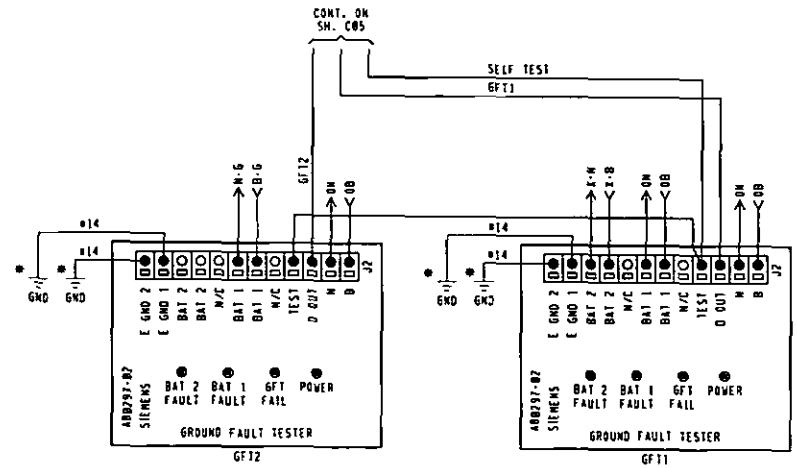
CSX TRANSPORTATION
 RAIL TRANSPORT GROUP ENGINEERING
 COMMUNICATIONS AND SIGNALS
 S.R. 1015 (HANOVER STREET) 032125X
 SEAN II CHANNELS
 NEW OXFORD BOROUGH, PA. N.P. BAS-57.35

DESIGNED XRL	DIGITIZED XRL	CHECKED XRL	DATE 10-05-15
DESIGN DATE 10-05-15	REV. NO. 1	DRAWING	SHEET NO
		FILE BAS05135	SHEET 007

MS4000VSR.C07
 REV. 05-04-15

WAYSIDE ACCESS GATEWAY CONFIGURATION	
SITE ATCS ADDRESS	7.125.460.010.01.01 7.125.444.666.55.00
SERIAL INTERFACE	9600,NONE,B,1/NOFLOW
SERIAL FORMAT	RAW
WAG TEST MODE	DISABLED
ECHOLON ADDRESS	01.01
UDP PORTS	5000, 5001, 5002, 5003
ROUTE TABLE EXPIRY	5400 SEC
BROADCAST MEDIUM	IP ETHERNET
TCP PORTS	6003
DHCP SERVER	DISABLED
IP ADDRESS	192.168.13.1
TYPE 7 ROUTE LENGTH	12--7RRRLLLGGGSS
IP NETWORK MASK	255.255.255.000

NOTE TO INSPECTOR,
AT INSTALLATION OF CDMA BY COM.
MARK-UP CONFIGURATION TABLE FOR
AS IN SERVICE PLANS



COMM. NOTES.
1. WAG J3A PINOUTS.
4 & 5 = +12VDC RADIO OUT
7 & 8 = GND RADIO RETURN

FIELD TO PROVIDE
IP ADDRESS FOR
AS IN SERVICE

NEW WORK
XORAIL
18-05-15

- NOTE.
1. ALL WIRING #16 UNLESS NOTED OTHERWISE.
 2. * = EARTH GROUND REF. TERMINALS REQUIRED FOR DETECTION. DO NOT JUMPER TERMINALS. MUST BE CONNECTED TO DIFFERENT POINTS OF BUNGALOV.
 3. R1 & R2 = .5 WATT, 200 RESISTOR
 4. ☒☒☒ = COMMUNICATIONS TO SUPPLY.

CSX TRANSPORTATION			
RAIL TRANSPORT GROUP ENGINEERING COMMUNICATIONS AND SIGNALS			
S.R. 1015 (HAMOVER STREET) 832125X			
WAYSIDE ACCESS GATEWAY NEW OXFORD BOROUGH, PA K.P. BAS-57.35			
DESIGNED ERL	DIGITIZED ARL	CHECKED XRL	DATE 10-05-15
DESIGN DATE 10-05-15	REV. NO. 1	DRAWING	SHEET C00

NS4000USR.C00
REV. 03-04-15

FILE BAS05735	SHEET C00
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R.R. WEST TO SECURITY T.L. CP TOWN

2670-15 FIELD VERIFY

1541 FT. 64 FT. 64 FT. 1541 FT.

EXTEND EXISTING DRAINAGE PIPE 10' IN THE NW QUAD

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

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

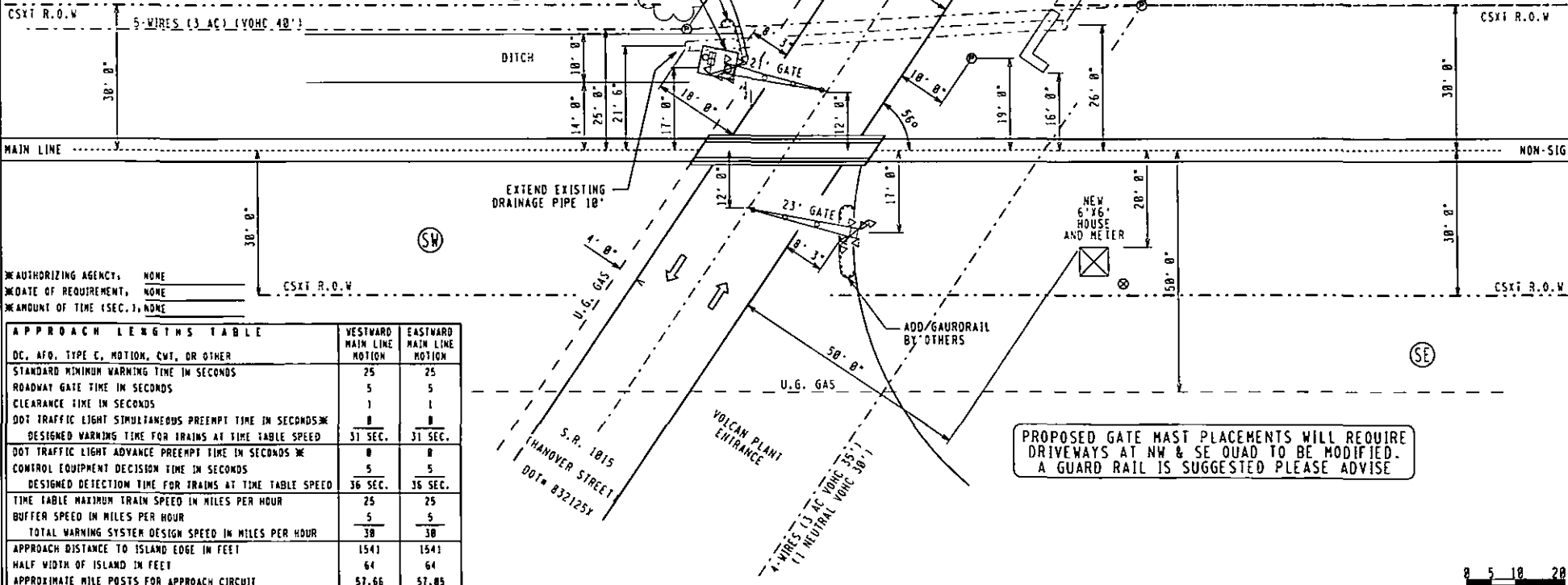
ADD GAURDRAIL BY OTHERS

PLEASE ADVISE ON SAFETY PLATFORM

SHRUBS

SHRUBS

SHRUBS



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

APPROACH LENGTHS TABLE	WESTWARD MAIN LINE MOTION	EASTWARD MAIN LINE MOTION
DC, AFD, TYPE E, MOTION, CWT, OR OTHER		
STANDARD MINIMUM WARNING TIME IN SECONDS	25	25
ROADWAY GATE TIME IN SECONDS	5	5
CLEARANCE TIME IN SECONDS	1	1
DOT TRAFFIC LIGHT SIMULTANEOUS PREEMPT TIME IN SECONDS ✱	0	0
DESIGNED WARNING TIME FOR TRAINS AT TIME TABLE SPEED	31 SEC.	31 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	36 SEC.	36 SEC.
TIME TABLE MAXIMUM TRAIN SPEED IN MILES PER HOUR	25	25
BUFFER SPEED IN MILES PER HOUR	5	5
TOTAL WARNING SYSTEM DESIGN SPEED IN MILES PER HOUR	30	30
APPROACH DISTANCE TO ISLAND EDGE IN FEET	1541	1541
HALF WIDTH OF ISLAND IN FEET	64	64
APPROXIMATE MILE POSTS FOR APPROACH CIRCUIT	57.66	57.05

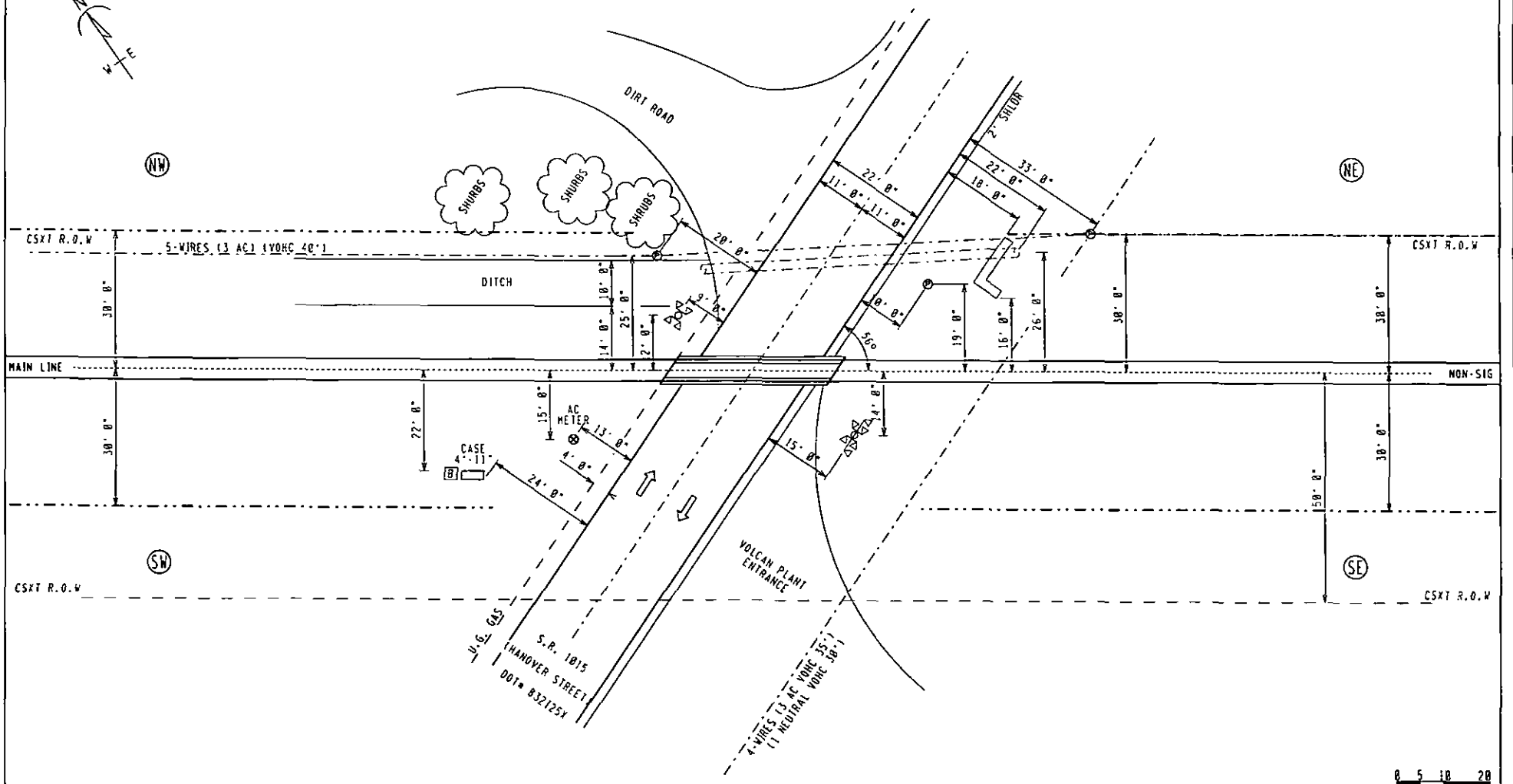
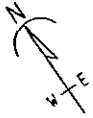
PROPOSED GATE MAST PLACEMENTS WILL REQUIRE DRIVEWAYS AT NW & SE QUAD TO BE MODIFIED. A GUARD RAIL IS SUGGESTED PLEASE ADVISE



PRODUCED FOR: CSX TRANSPORTATION RAIL TRANSPORT GROUP ENGINEERING COMMUNICATIONS AND SIGNALS	PRODUCED BY: Xorail A Wabtec Company	LEGEND CSX ROW --- O.H. POWER --- R/R POLE LINE --- FENCE --- GAS --- WATER --- FIBER OPTIC --- SEWER ---	GUARD RAIL O.H. POWER FENCE WATER SEWER	METER SERVICE POLE FIRE PLUG SEWER CAP GAS VENT	GPS COORDINATES 39°58'17" N 77°20'52" W ELEV. 530'	REVISION DATES 10-05-2015	FILE NAME: BAS05735.H01 DATE DRAWN: 09-09-2015 DRAWN BY: XRL CHECKED BY: XRL XRL #: CXS15-39825	STREET NAME: S.R. 1015 (HANOVER STREET) CITY & STATE: NEW OXFORD BOROUGH, PA / M.P. BAS-57.35 DOT: 832125X PROJECT #: PA2015021 OP #: PA0262
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PROPOSED CROSSING LAYOUT
SCALE = 20:1

R.R. WEST TO SECURITY TOWN



PRODUCED FOR: CSX TRANSPORTATION RAIL TRANSPORT GROUP ENGINEERING COMMUNICATIONS AND SIGNALS	PRODUCED BY: A Wabtec Company	LEGEND CSX ROW ----- R/R POLELINE ----- GAS ----- FIBER OPTIC -----	GUARD RAIL ----- O.H. POWER ----- FENCE ----- WATER ----- SEWER -----	METER SERVICE ⊗ POLE FIRE PLUG ⊙ SEWER CAP ⊕ GAS VENT ⊖	GPS COORDINATES 39°58'17" N 77°20'52" W ELEV. 530'	REVISION DATES - - - - - - - - - - - -	FILE NAME: BAS05735.H02 DATE DRAWN: 09-09-2015 DRAWN BY: XRL CHECKED BY: XRL XRL #: CYS15-39825	STREET NAME: S.R. 1815 (HANOVER STREET) CITY & STATE: NEW OXFORD BOROUGH, PA / M.P. BAS-57.35 DOT: 632125X PROJECT #: PA2015021 DP #: PA0262	EXISTING CROSSING LAYOUT SCALE = 20:1
		CSX ROW ----- R/R POLELINE ----- GAS ----- FIBER OPTIC -----	GUARD RAIL ----- O.H. POWER ----- FENCE ----- WATER ----- SEWER -----	METER SERVICE ⊗ POLE FIRE PLUG ⊙ SEWER CAP ⊕ GAS VENT ⊖	GPS COORDINATES 39°58'17" N 77°20'52" W ELEV. 530'	REVISION DATES - - - - - - - - - - - -	FILE NAME: BAS05735.H02 DATE DRAWN: 09-09-2015 DRAWN BY: XRL CHECKED BY: XRL XRL #: CYS15-39825	STREET NAME: S.R. 1815 (HANOVER STREET) CITY & STATE: NEW OXFORD BOROUGH, PA / M.P. BAS-57.35 DOT: 632125X PROJECT #: PA2015021 DP #: PA0262	

R.R. WEST TO SECURITY TOWN

BAS 58

END OF SURVEY 2000'

END OF SURVEY 2000'

IJ 1519'
HMS 1518'

ISI 65'

0'

ISI 64'
PS 75'
IJ 118'
PI 155'
DERAIL 305'

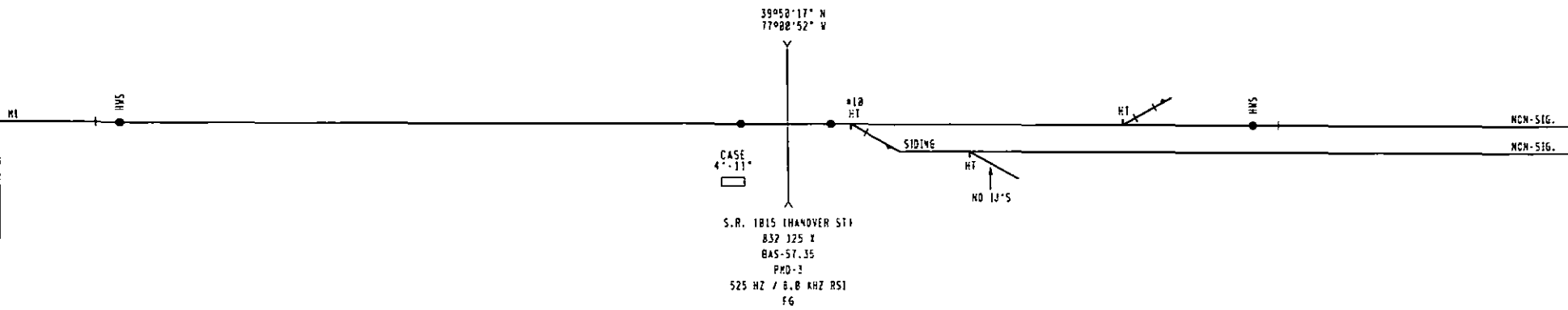
PS 539'
PI 613'

PS 851'
PI 891'
IJ 862'
IJ 867'
DERAIL 1875'

HMS 1518'
IJ 1519'

HANDOVER ST
START →

←
HANDOVER ST
START



39°50'17" N
77°00'52" W

CASE
4'-11"

S.R. 1815 (HANDOVER ST)
832 125 ±
BAS-57.35
PHD-3
525 HZ / 6.0 KHZ RSI
FG

DESIGNS AGAINST
PA2013013
PA2014026
PA2015014

25 MPH

25 MPH

<p>PRODUCED FOR, CSX TRANSPORTATION RAIL TRANSPORT GROUP ENGINEERING COMMUNICATIONS AND SIGNALS</p>	<p>PRODUCED BY, Xorail A Wabtec Company</p>	<p>LEGEND</p> <p>CSX ROW ---</p> <p>R/R POLELINE ---</p> <p>GAS ---</p> <p>FIBER OPTIC ---</p>	<p>GUARD RAIL ---</p> <p>O.H. POWER ---</p> <p>FENCE ---</p> <p>WATER ---</p> <p>SEWER ---</p>	<p>METER SERVICE ⊗</p> <p>POLE ⊗</p> <p>FIRE PLUG ⊗</p> <p>SEWER CAP ⊗</p> <p>GAS VENT ⊗</p>	<p>GPS COORDINATES</p> <p>39°50'17" N</p> <p>77°00'52" W</p> <p>ELEV. 530'</p>	<p>REVISION DATES</p> <p>10-05-2015</p>	<p>FILE NAME: BAS05735.H03</p> <p>DATE DRAWN: 09-09-2015</p> <p>DRAWN BY: XRL</p> <p>CHECKED BY: XRL</p> <p>XRL #: CX515-39825</p>	<p>STREET NAME: S.R. 1815 (HANDOVER STREET)</p> <p>CITY & STATE: NEW OXFORD BOROUGH, PA / N.P. BAS-57.35</p> <p>DOT: 832125X</p> <p>PROJECT #: PA2015021</p> <p>OP #: PA0262</p>
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EXISTING TRACK LAYOUT

UPS Internet Shipping: View/Print Label

1. **Ensure there are no other shipping or tracking labels attached to your package.** Select the Print button on the print dialog box that appears. Note: If your browser does not support this function select Print from the File menu to print the label.
2. **Fold the printed label at the solid line below.** Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.
3. **GETTING YOUR SHIPMENT TO UPS**
Customers with a Daily Pickup
 Your driver will pickup your shipment(s) as usual.

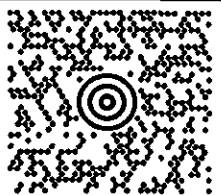
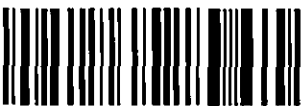
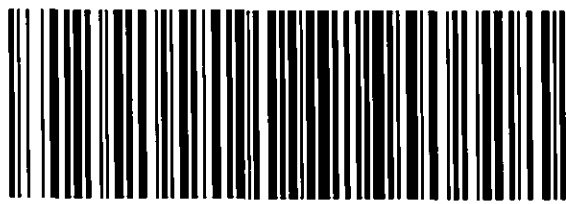
Customers without a Daily Pickup

Take your package to any location of The UPS Store[®], UPS Access Point[™](TM) location, UPS Drop Box, UPS Customer Center, UPS Alliances (Office Depot[®] or Staples[®]) or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To find the location nearest you, please visit the 'Find Locations' Quick link at ups.com. Schedule a same day or future day Pickup to have a UPS driver pickup all of your Internet Shipping packages.

Hand the package to any UPS driver in your area.

UPS Access Point [™]	UPS Access Point [™]
A PLUS PHARMACY	THE UPS STORE
13023 BUSTLETON AVE	148 EAST STREET RD
PHILADELPHIA, PA 19116	FEASTERVILLE TREVOSE, PA
	PHILADELPHIA, PA 19154
	19053

FOLD HERE

JILL SNYDER 215-218-3394 CSX TRANSPORTATION 4 HESHAMINY INTERPLEX TREVOSE PA 19053		0.0 LBS	LTR	1 OF 1
SHIP TO: MS. ROSEMARY CHIAVETTA 7177877777 COMMONWEATH OF PENNSYLVANIA 400 NORTH STREET PUBLIC UTILITY COMMISSION HARRISBURG PA 17120-0079				
		PA 171 9-20 		
UPS 2ND DAY AIR TRACKING #: 1Z 0X0 1V7 02 9084 5650		2		
				
BILLING: P/P Reference# 1: PA0262				
<small>UPS 17-S.05. WNTINV50 69.0A 10/2015</small>		