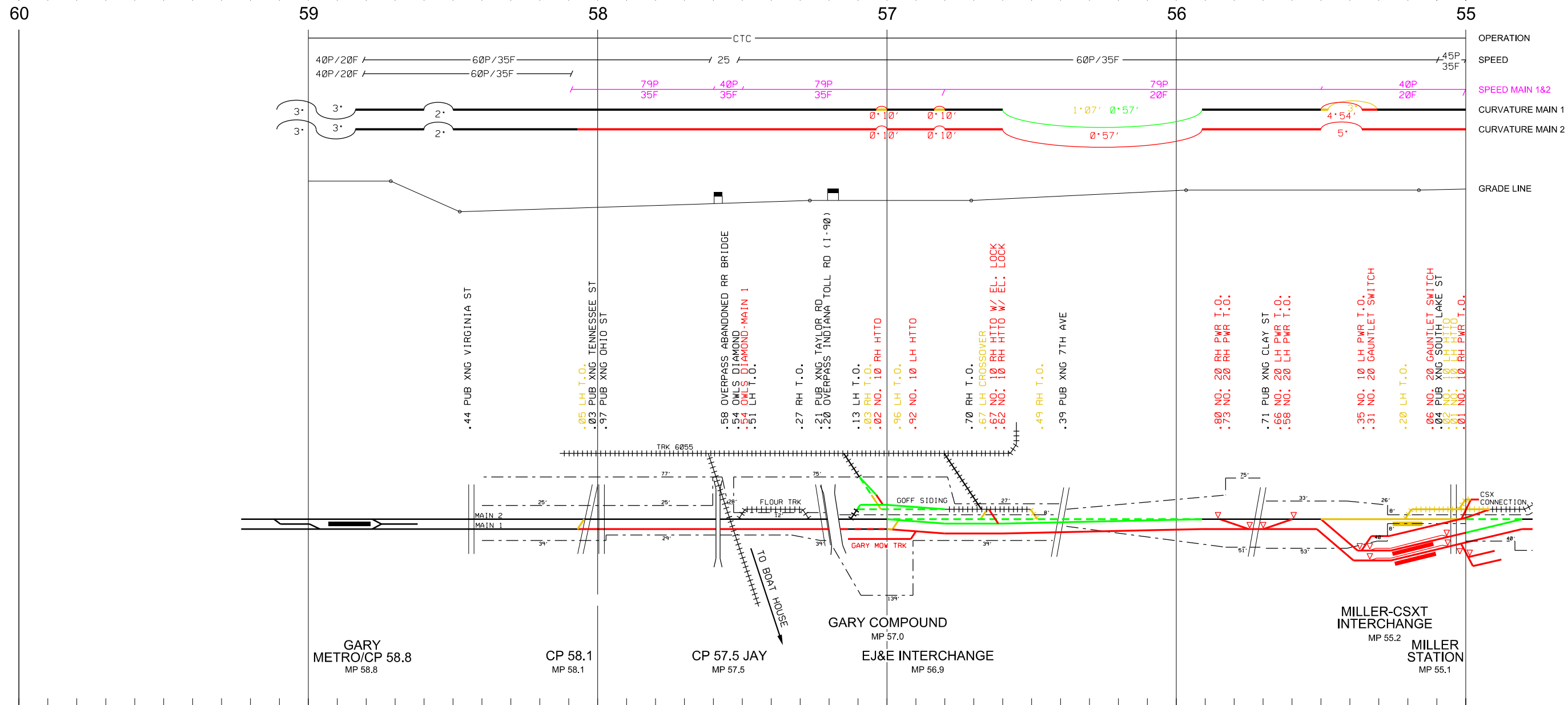


← TO MILLENNIUM STATION

TO SOUTH BEND AIRPORT →



Track Chart Sheets 1-6.dwg

BY: ZHARTJES

TIME: 7:29:08 PM

5/17/2017



PRELIMINARY

NICTD DOUBLE TRACK NWI
PROPOSED TRACK SCHEMATIC
CONCEPTUAL LAYOUT

LEGEND:

— EXISTING TRACK	79P/35F REVISED SPEED	— ACCESS ROAD	◆ CLEAR POINT
++++ FOREIGN TRACK	— CONSTRUCT	- - - - RELOCATE FROM	— CHANGE OWNERSHIP
	— REMOVE	— RELOCATE TO	▽ POWER TURNOUT
		- - - - RIGHT OF WAY	



CARROLL AVENUE TO CP 58.8
MP 32.2 TO MP 58.8

DRAWN M. QUALY CHECKED Z. HARTJES

STATUS
PRELIMINARY

FILE: TRACK CHART

SHEET 1 OF 6

DATE: 05/12/2017

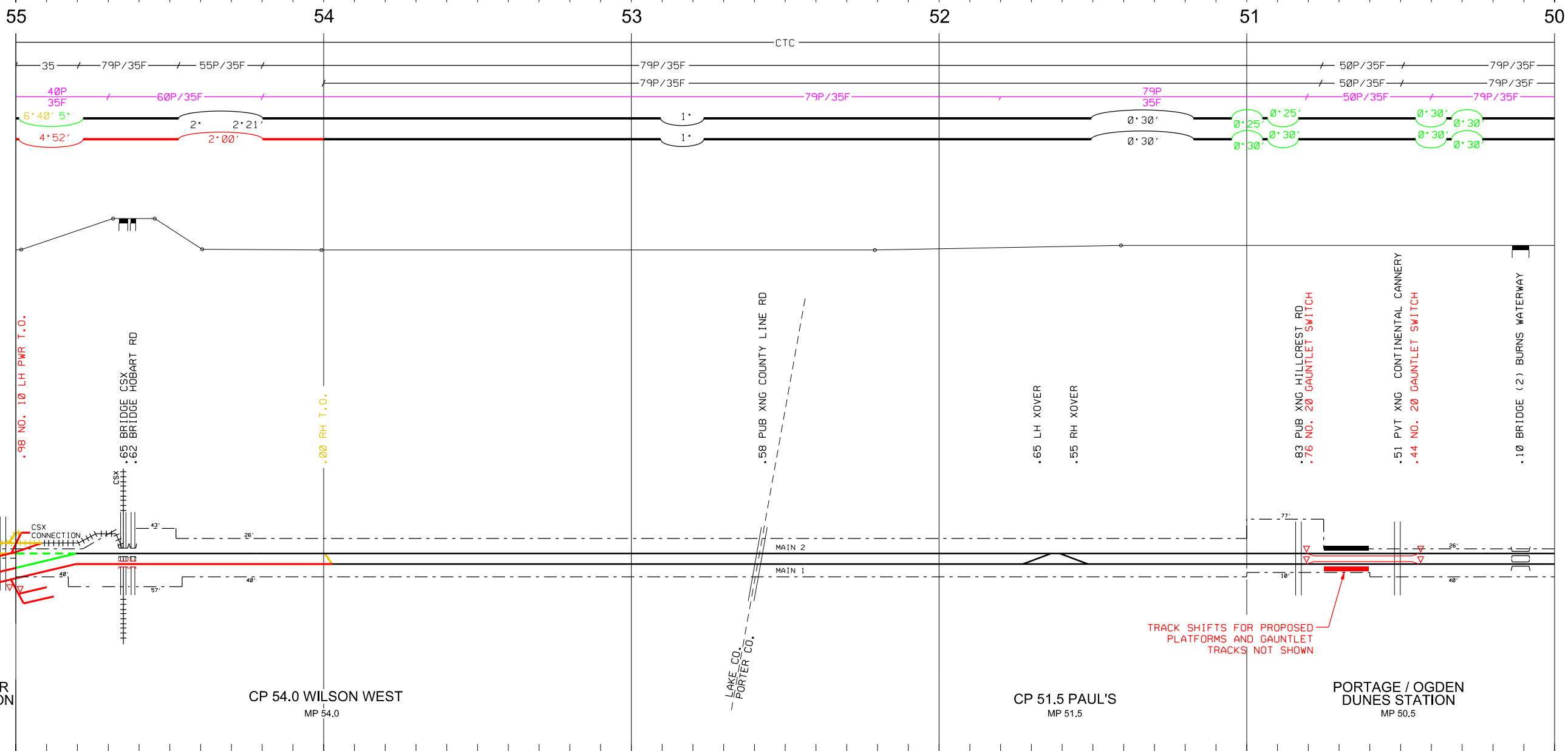
Track Chart Sheets 1-6.dgn

BY: ZHARTJES

TIME: 7:29:26 PM

5/17/2017

← TO MILLENNIUM STATION TO SOUTH BEND AIRPORT →



OPERATION
 SPEED
 SPEED MAIN 1&2
 CURVATURE MAIN 1
 CURVATURE MAIN 2
 GRADE LINE



PRELIMINARY

NICTD DOUBLE TRACK NWI
 PROPOSED TRACK SCHEMATIC
 CONCEPTUAL LAYOUT

CARROLL AVENUE TO CP 58.8
 MP 32.2 TO MP 58.8

LEGEND:		79P/35F REVISED SPEED	ACCESS ROAD	◆ CLEAR POINT
— EXISTING TRACK	— CONSTRUCT	— RELOCATE FROM	— UPGRADE TRACK	◆ CHANGE OWNERSHIP
++++ FOREIGN TRACK	— REMOVE	— RELOCATE TO	--- RIGHT OF WAY	▽ POWER TURNOUT
DRAWN M. QUALY	CHECKED Z. HARTJES			STATUS PRELIMINARY

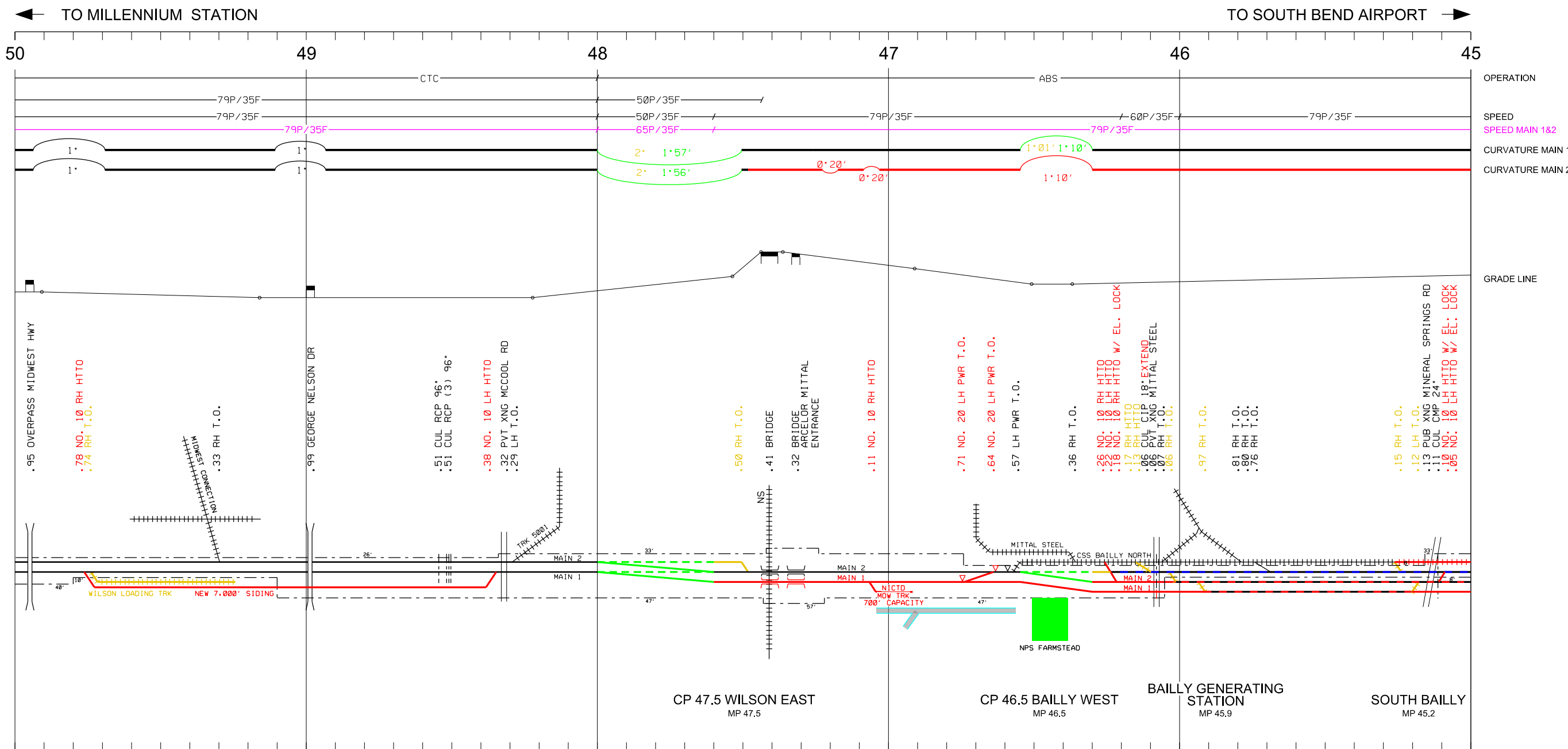


Track Chart Sheets 1-6.dgn

BY: ZHARTJES

TIME: 7:29:44 PM

5/17/2017



PRELIMINARY

NICTD DOUBLE TRACK NWI
PROPOSED TRACK SCHEMATIC
CONCEPTUAL LAYOUT

CARROLL AVENUE TO CP 58.8
MP 32.2 TO MP 58.8

<p>LEGEND:</p> <p>— EXISTING TRACK</p> <p>++++ FOREIGN TRACK</p>	<p>79P/35F REVISED SPEED</p> <p>— CONSTRUCT</p> <p>— REMOVE</p>	<p>— ACCESS ROAD</p> <p>--- RELOCATE FROM</p> <p>— RELOCATE TO</p>	<p>— UPGRADE TRACK</p> <p>--- RIGHT OF WAY</p>	<p>◆ CLEAR POINT</p> <p>▽ CHANGE OWNERSHIP POWER TURNOUT</p>
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DRAWN M. QUALY CHECKED Z. HARTJES

STATUS
PRELIMINARY

FILE: TRACK CHART

SHEET 3 OF 6

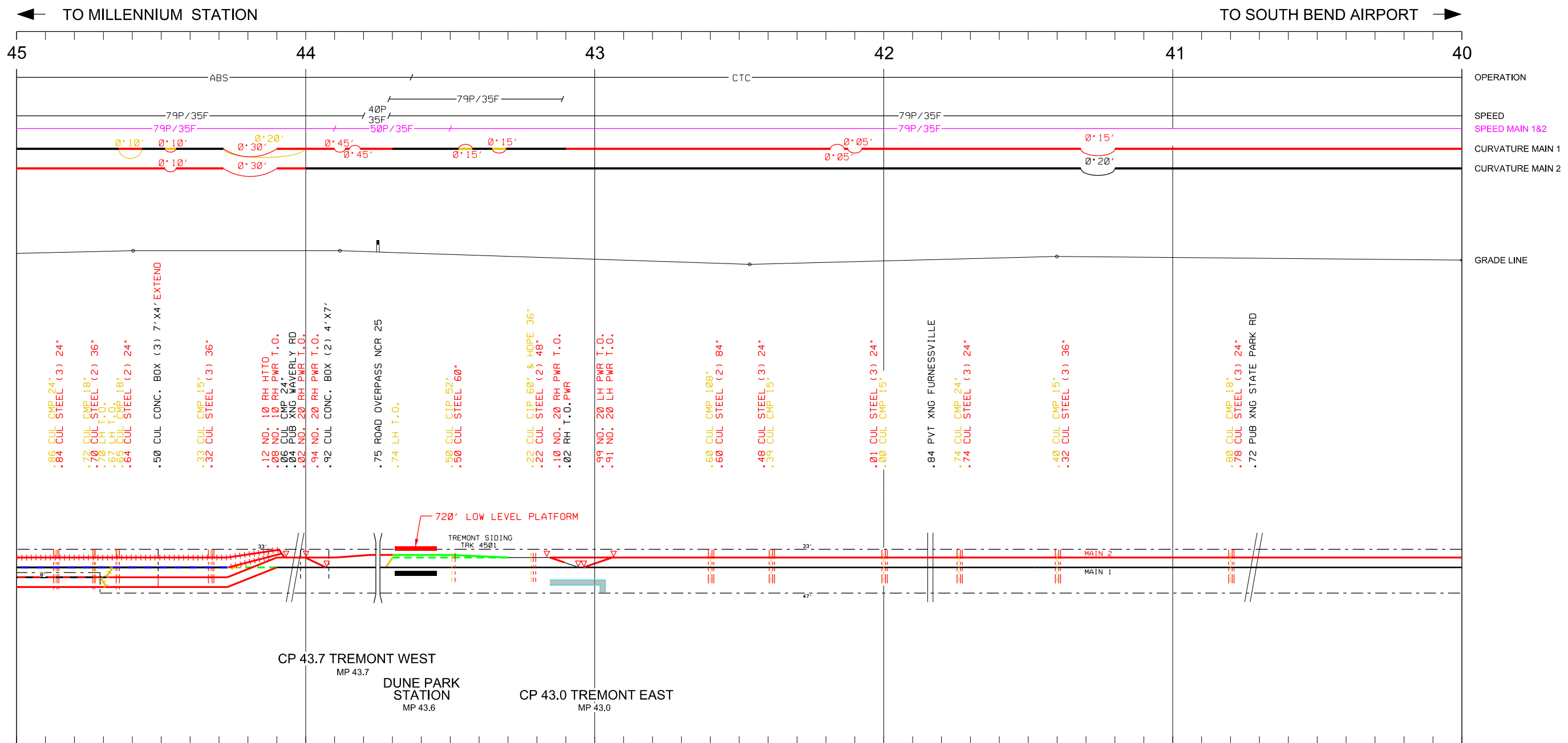
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Track Chart Sheets 1-6.dwg

BY: ZHARTJES

TIME: 7:30:51 PM

5/17/2017



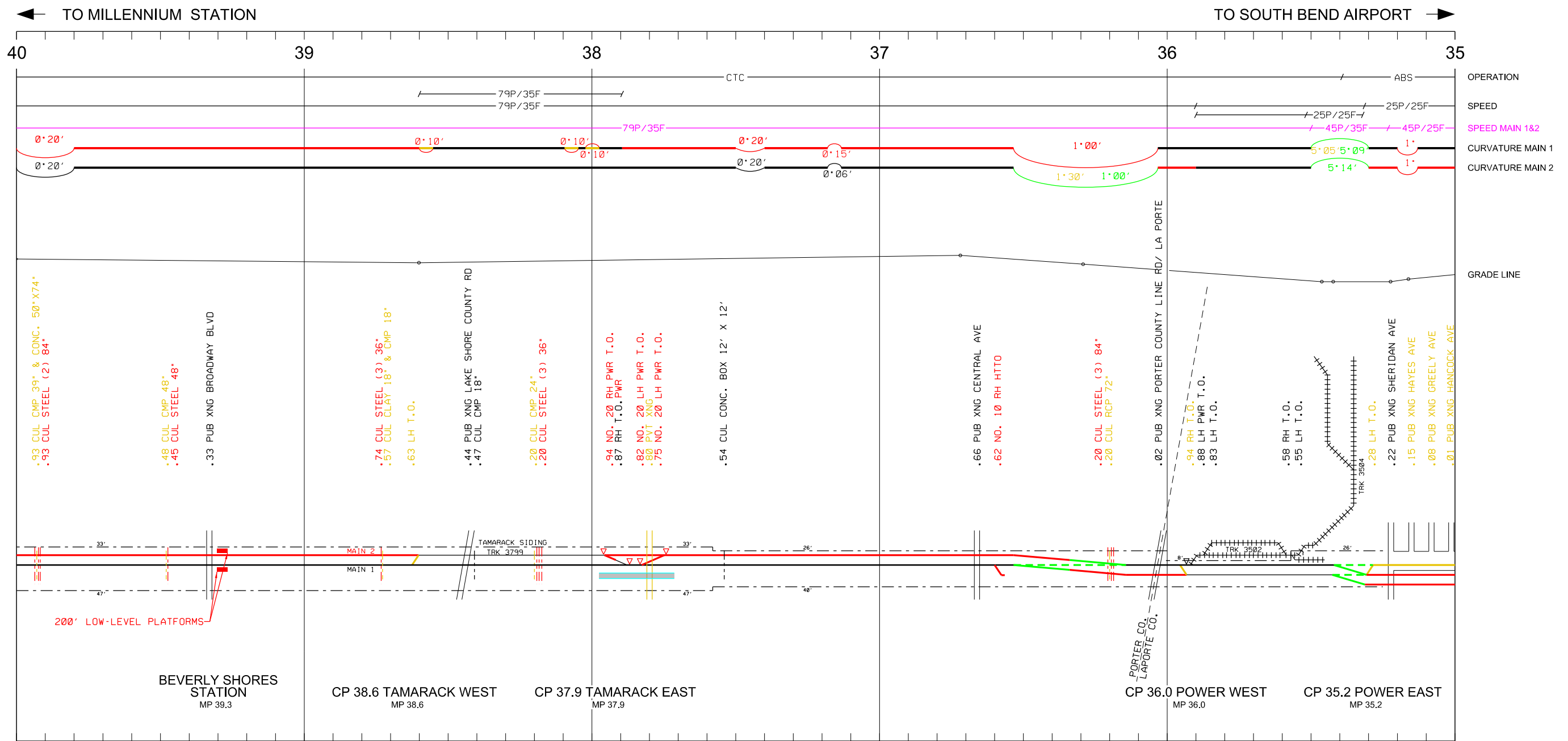
PRELIMINARY

NICTD DOUBLE TRACK NWI
PROPOSED TRACK SCHEMATIC
CONCEPTUAL LAYOUT

CARROLL AVENUE TO CP 58.8
MP 32.2 TO MP 58.8

LEGEND: ——— EXISTING TRACK +++++ FOREIGN TRACK ——— 79P/35F REVISD SPEED ——— CONSTRUCT ——— REMOVE ——— ACCESS ROAD - - - - - RELOCATE FROM ——— RELOCATE TO ——— UPGRADE TRACK - - - - - RIGHT OF WAY ◆ CLEAR POINT ▽ CHANGE OWNERSHIP ▽ POWER TURNOUT	DRAWN M. QUALY CHECKED Z. HARTJES	STATUS PRELIMINARY
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PRELIMINARY

NICTD DOUBLE TRACK NWI
PROPOSED TRACK SCHEMATIC
CONCEPTUAL LAYOUT

CARROLL AVENUE TO CP 58.8
MP 32.2 TO MP 58.8

LEGEND: EXISTING TRACK CONSTRUCT REMOVE ACCESS ROAD RELOCATE FROM RELOCATE TO UPGRADE TRACK RIGHT OF WAY CLEAR POINT CHANGE OWNERSHIP POWER TURNOUT



STATUS
PRELIMINARY

FILE: TRACK CHART

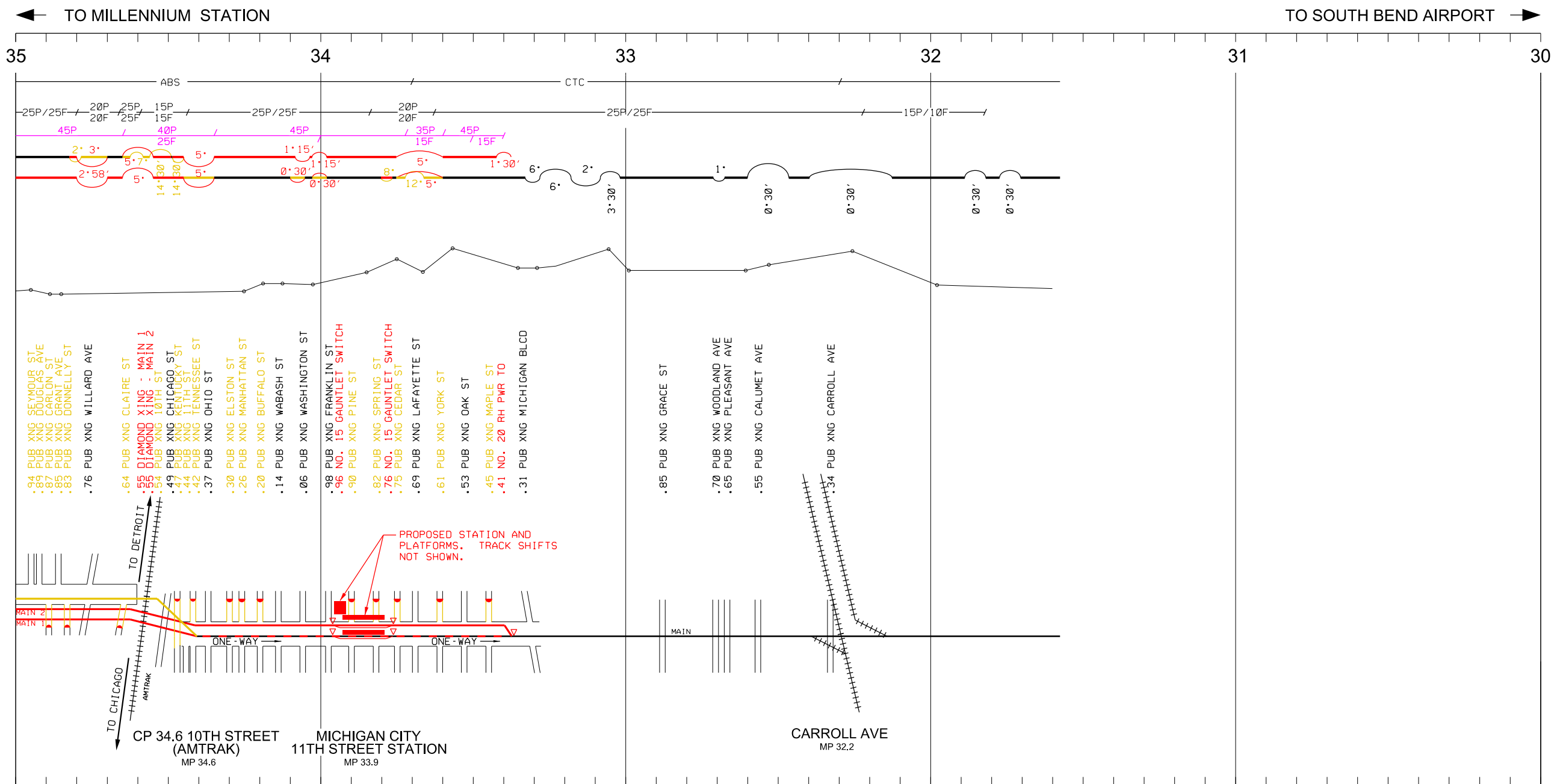
SHEET 5 OF 6

DATE: 05/12/2017

DRAWN M. QUALY CHECKED Z. HARTJES

Track Chart Sheets 1-6.dgn

5/17/2017 7:31:10 PM BY: ZHARTJES



PRELIMINARY

NICTD DOUBLE TRACK NWI
PROPOSED TRACK SCHEMATIC
CONCEPTUAL LAYOUT

CARROLL AVENUE TO CP 58.8
MP 32.2 TO MP 58.8

LEGEND:

— EXISTING TRACK	79P/35F REVISED SPEED	— ACCESS ROAD	— REMOVE AND RECONSTRUCT	◆ CLEAR POINT
++++ FOREIGN TRACK	— CONSTRUCT	- - - - RELOCATE FROM	- - - - RIGHT OF WAY	▽ CHANGE OWNERSHIP POWER TURNOUT
	— REMOVE	— RELOCATE TO		



DRAWN M. QUALY CHECKED Z. HARTJES

STATUS PRELIMINARY

FILE: TRACK CHART SHEET 6 OF 6 DATE: 05/12/2017

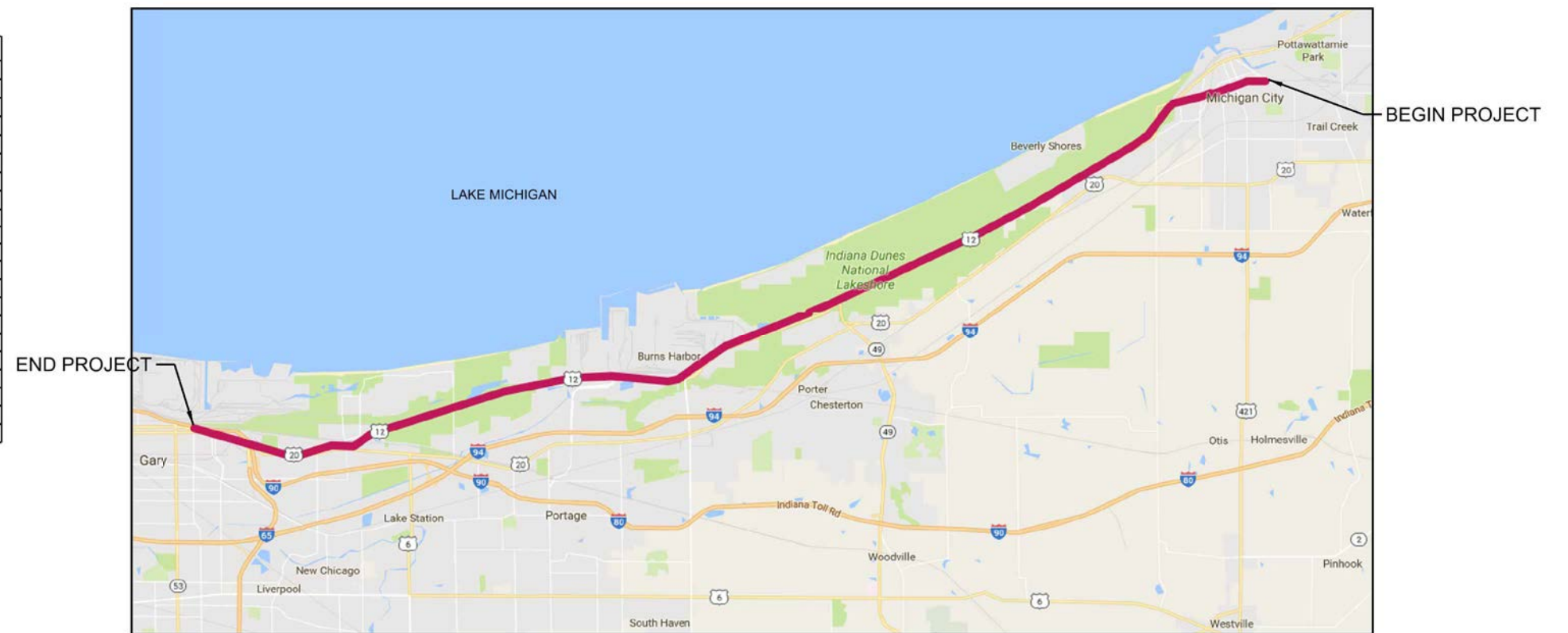
NORTHERN INDIANA COMMUTER TRANSPORTATION DISTRICT

DOUBLE TRACK NWI (NORTHWEST INDIANA)
MILEPOST 32.2 TO MILEPOST 58.8
MICHIGAN CITY TO GARY, INDIANA

TRACK DESIGN PLANS

SHEET INDEX

SHEET #	TITLE	DESCRIPTION
1	RGN-001	COVER SHEET
2	RGN-002	GENERAL NOTES, LEGEND & ABBREVIATIONS
3	RGN-003	PROJECT OVERVIEW
4-9	RTS-001 TO -006	TRACK DESIGN TYPICAL SECTIONS
10-104	RPP-001 TO -095	PLAN & PROFILE SHEETS
105-112	RPP-096 TO -103	MAIN 2 PROFILE STA 3014+00 TO 2636+00
113-129	RPP-104 TO -120	MAIN 1 PROFILE STA 2538+00 TO 1758+00
130	RPP-121	BOAT HOUSE LEAD PROFILE
131	RPP-122	GOFF SIDING PROFILE
132	RPP-123	CN CONNECTION PROFILES
133	RPP-124	GARY MOW TRACK PROFILE
134-135	RPP-125 TO -126	CSX CONNECTION TRACK PROFILE
136	RPP-127	MILLER SET OUT TRACKS PROFILES
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140	RPP-131	NICTD MOW PROFILE
141	RPP-132	BAILLY NORTH PROFILE
142	RPP-133	5406 & CSS TRK 1 PROFILE
143-145	RPP-134 TO -136	PROP BAILLY NORTH PROFILE
146	RPP-137	PROP CSS TRK 1 PROFILE
147	RPP-138	3502 PROFILE
148-193	RXS-001 TO -046	CROSS-SECTIONS



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MICHIGAN CITY TO GARY, INDIANA

DESIGNED: HDR-MMQ
DRAWN: HDR-WJJ
CHECKED: HDR-ZDH
DATE: MAY 12, 2017

NOT FOR CONSTRUCTION SERIES RGN-001 OF RGN-003

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI

COVER SHEET

FILENAME	Cover Sheet	SHEET
SCALE	AS NOTED	001 OF 193

LEGEND

ABBREVIATIONS

	EXISTING TRACK TO REMAIN AS IS		EXISTING OVERHEAD ELECTRIC
	EXISTING TRACK TO BE REMOVED		PROPOSED OVERHEAD ELECTRIC
	EXISTING TRACK TO BE SHIFTED		TREE/SHRUB/VEGETATION
	EXISTING TRACK TO BE SURFACED		EDGE OF GRAVEL
	PROPOSED TRACK		EXISTING RIGHT OF WAY
	PROPOSED POWER OPERATED TURNOUT		PROPOSED RIGHT OF WAY
	PROPOSED HAND-THROW TURNOUT		PARCELS
	PROPOSED ELECTRIC LOCK TURNOUT		PROPOSED CONSTRUCTION EASEMENT
	PROPOSED DOUBLE SWITCH POINT DERAIL		ACCESS ROAD/TURNOUT PAD
	PROPOSED SLIDING DERAIL		HIGH QUALITY WETLAND
	PROPOSED CULVERT EXTENSION		NON HIGH QUALITY WETLAND/UNDETERMINED
	CONSTRUCTION LIMITS		STREAM OR DITCH
	COMMUNICATION LINE		RIP RAP
	EXISTING OVERHEAD POWER LINE		ELECTRIC POLE
	EXISTING FENCE		COMMUNICATION POLE
	EXISTING SANITARY SEWER		EXISTING CROSSING SIGNAL
	PROPOSED SANITARY SEWER		PROPOSED CROSSING SIGNAL
	OVERHEAD FIBER		GUARDRAIL
	EXISTING FIBER OPTIC		SIGNS (NON-RAILROAD)
	EXISTING UNDERGROUND FIBER OPTIC		GAS WARNING SIGN
	PROPOSED UNDERGROUND FIBER OPTIC		RAILROAD SIGN
	EXISTING OVERHEAD FIBER OPTIC		FIBER OPTIC MARKER
	PROPOSED OVERHEAD FIBER OPTIC		WHISTLE POST SIGN
	EXISTING GAS LINE		LIGHT POLE
	PROPOSED GAS LINE		FIRE HYDRANT
	PETRO GAS LINE		RAIL SIGNAL (DWARF SIGNAL)
	PROPOSED PETRO GAS LINE		TRAFFIC SIGNAL
	EXISTING WATER LINE		
	PROPOSED WATER LINE		
	EXISTING UNDERGROUND ELECTRIC		
	PROPOSED UNDERGROUND ELECTRIC		

	FIBER OPTIC HAND HOLE
	ELECTRIC METER
	ELECTRIC PEDESTAL
	COMMUNICATION PEDESTAL
	CONTROL POINT
	GRADE CROSSING PAVEMENT MARKING
	PEDESTRIAN CROSSING GATE
	EXISTING CROSSBUCK

APPROX	APPROXIMATE
BLDG	BUILDING
BM	BENCH MARK
CB	CATCH BASIN
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CN	CANADIAN NATIONAL
CONC	CONCRETE
CS	CURVE TO SPIRAL
CSS	CHICAGO SOUTH SHORE
CSXT	CSX TRANSPORTATION
CWR	CONTINUOUSLY WELDED RAIL
CY	CUBIC YARD
Dc	DEGREE OF CURVE
DI	DUCTILE IRON
DIAM.	DIAMETER
DOT	DEPARTMENT OF TRANSPORTATION
DSPD	DUAL SWITCH POINT DERAILS
DWG	DRAWING
E	EASTING
EA	EACH
E.L.	ELECTRIC LOCK
ELEC	ELECTRICAL
ELEV, EL	ELEVATION
ENGR	ENGINEER
EXIST, EX	EXISTING
FOTS	FIBER OPTIC TRANSMISSION SYSTEM
FT	FOOT, FEET
G	GAS
GND	GROUND
HDPE	HIGH DENSITY POLYETHYLENE
HORZ	HORIZONTAL
HTTO	HAND THROW TURNOUT
HMA	HOT MIX ASPHALT
INV	INVERT
LB	POUND
Lc	LENGTH OF CURVE
LH	LEFT HAND
Ls	LENGTH OF SPIRAL
LIN FT, LF	LINEAR FOOT
LLT	LAST LONG TIE
LN	LANE
LT	LEFT
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MOW	MAINTENANCE OF WAY
MP	MILE POST
N	NORTHING
NIC	NOT IN CONTRACT

NICTD	NORTHERN INDIANA COMMUTER TRANSPORTATION DISTRICT
NIPSCO	NORTHERN INDIANA PUBLIC SERVICE COMPANY
N.T.S.	NOT TO SCALE
NO., #	NUMBER
NS	NORFOLK SOUTHERN
OHP	OVERHEAD POWER
OVH	OVERHEAD
PC	POINT OF CURVE
PI	POINT OF INTERSECTION
PITO	POINT OF INTERSECTION OF TURNOUT
POB	POINT OF BEGINNING
POE	POINT OF ENDING
POTO	POWER OPERATED TURNOUT
PR, PROP	PROPOSED
P.S.	POINT OF SWITCH
PT	POINT OF TANGENCY, POINT
PVC	POINT OF VERTICAL CURVE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENCY
R	RADIUS
RE	RAILWAY ENGINEERED, AREMA APPROVED RAIL SECTION
REV	REVISION
RH	RIGHT HAND
RR	RAILROAD
RT	RIGHT, ROUTE
R/W, ROW	RIGHT-OF-WAY
S	SOUTH
SC	SPIRAL TO CURVE
SD	STORM DRAIN, SLIDING DERAIL
SDWC	SLIDING DERAIL WITH CROWDER
SDG	SIDING
SDWLK	SIDEWALK
SF	SQUARE FOOT
SS	SANITARY SEWER
STA	STATION
ST	STREET, SPIRAL TO TANGENT
STD	STANDARD
STM, SD	STORM SEWER, STORM DRAIN
SW	SWITCH
TEMP	TEMPORARY
TF	TRACK FOOT, TRACK FEET
T.O.	TURNOUT
TOR	TOP OF RAIL
TRK	TRACK
TS	TANGENT TO SPIRAL
TYP, TYP.	TYPICAL
UG	UNDERGROUND
V	VELOCITY
VC	VERTICAL CURVE
W	WATER, WEST
XOVER	CROSSOVER
XING	CROSSING
YD	YARD

GENERAL NOTES

1. THE EXISTENCE, LOCATION, AND ELEVATION OF UTILITIES AND/OR CONCEALED STRUCTURES AT THE PROJECT SITE ARE NOT GUARANTEED. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXISTENCE, LOCATION, AND ELEVATION OF ALL SUCH UTILITIES AND/OR STRUCTURES AND IS RESPONSIBLE FOR NOTIFYING THE APPROPRIATE COMPANY, DEPARTMENT, OR PERSON(S) OF ITS INTENTION TO CARRY OUT ITS OPERATIONS.

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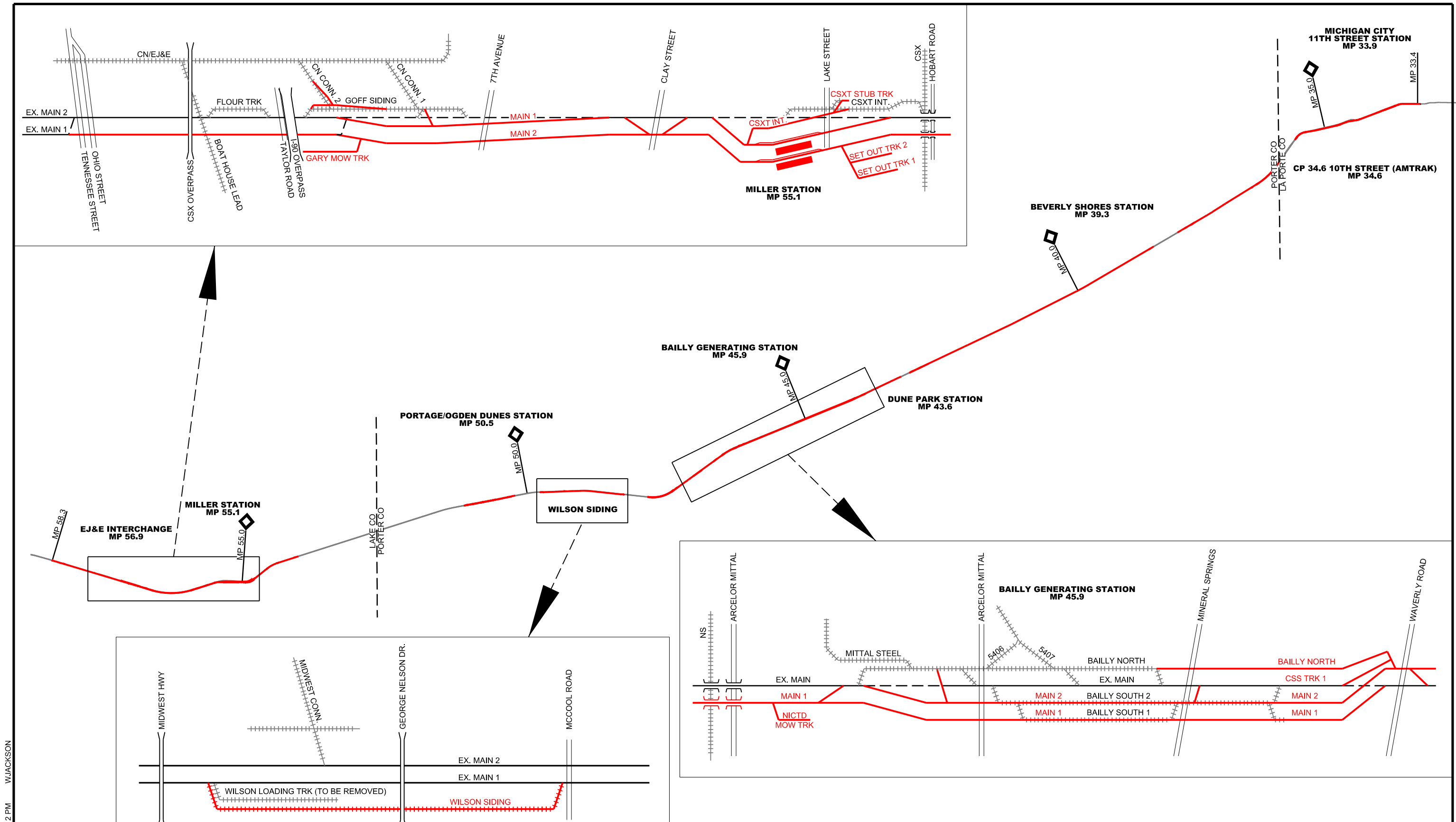
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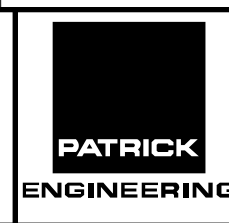
DESIGNED:	HDR-MMQ
DRAWN:	MDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NOT FOR CONSTRUCTION SERIES RGN-002 OF RGN-003

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		
GENERAL NOTES, LEGEND, & ABBREVIATIONS		
FILENAME	General Notes	SHEET
SCALE	AS NOTED	002 OF 193



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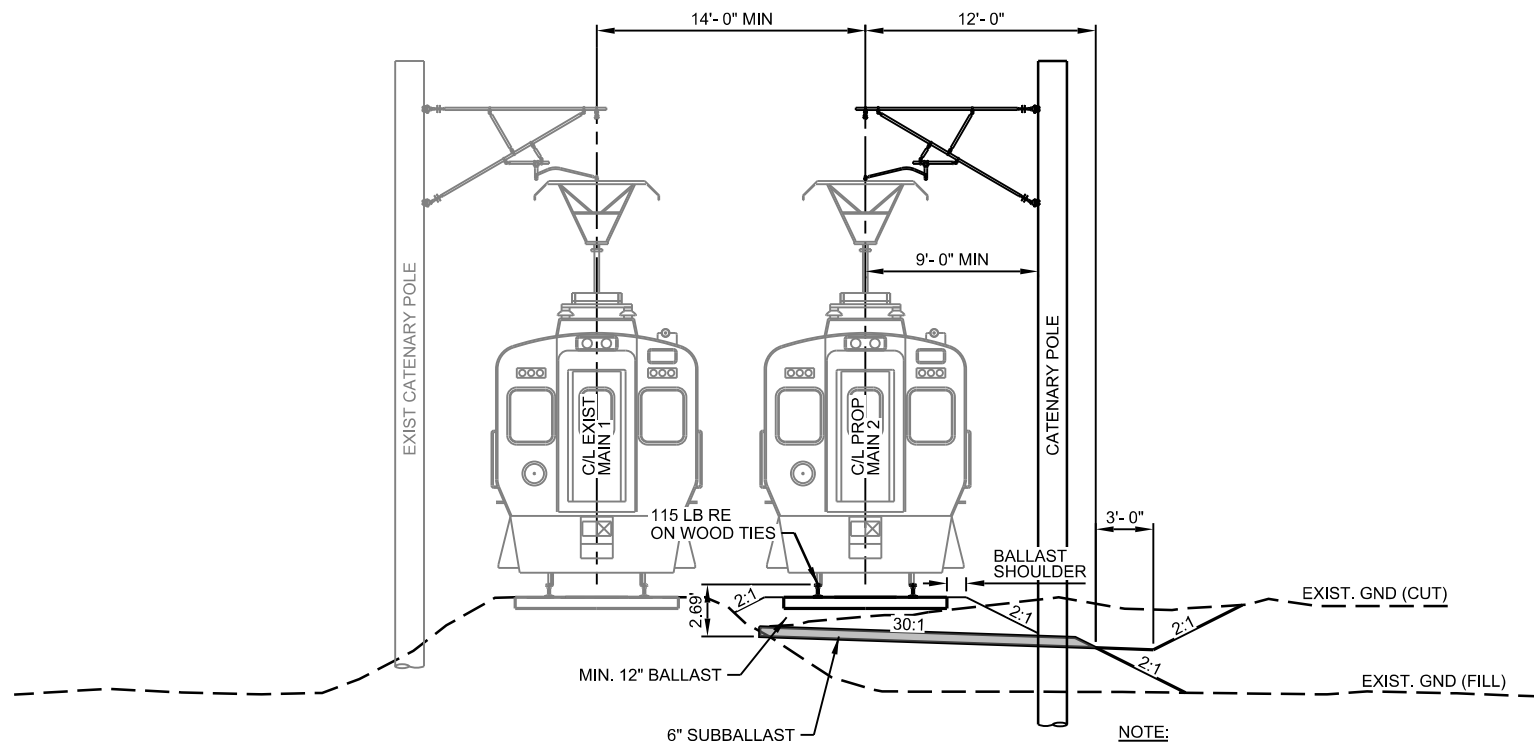
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NOT FOR CONSTRUCTION SERIES RGN-003 OF RGN-003

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI

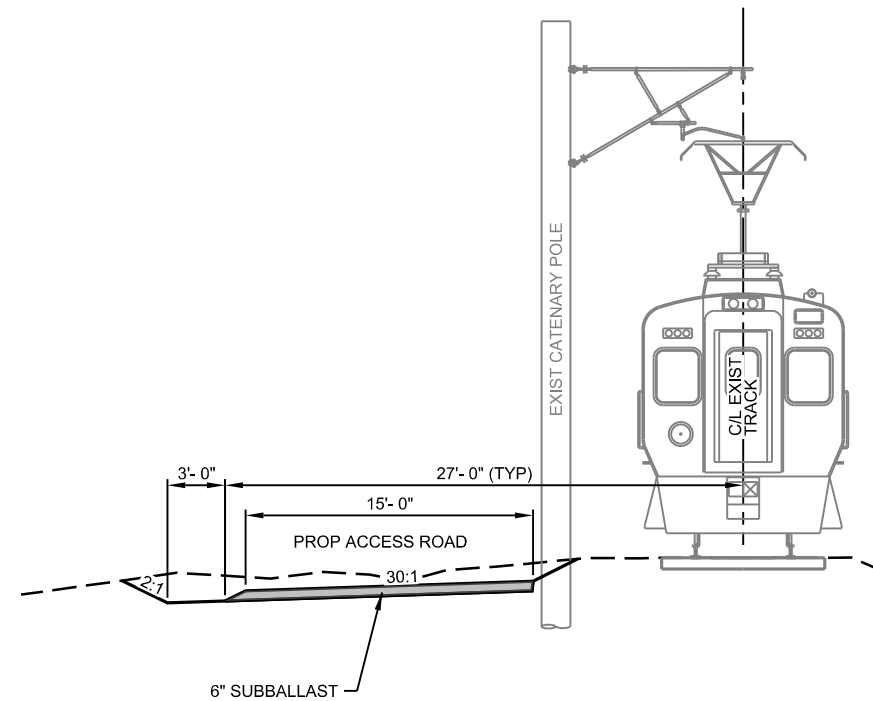
PROJECT OVERVIEW

FILENAME	Project Overview	SHEET
SCALE	AS NOTED	003 OF 193

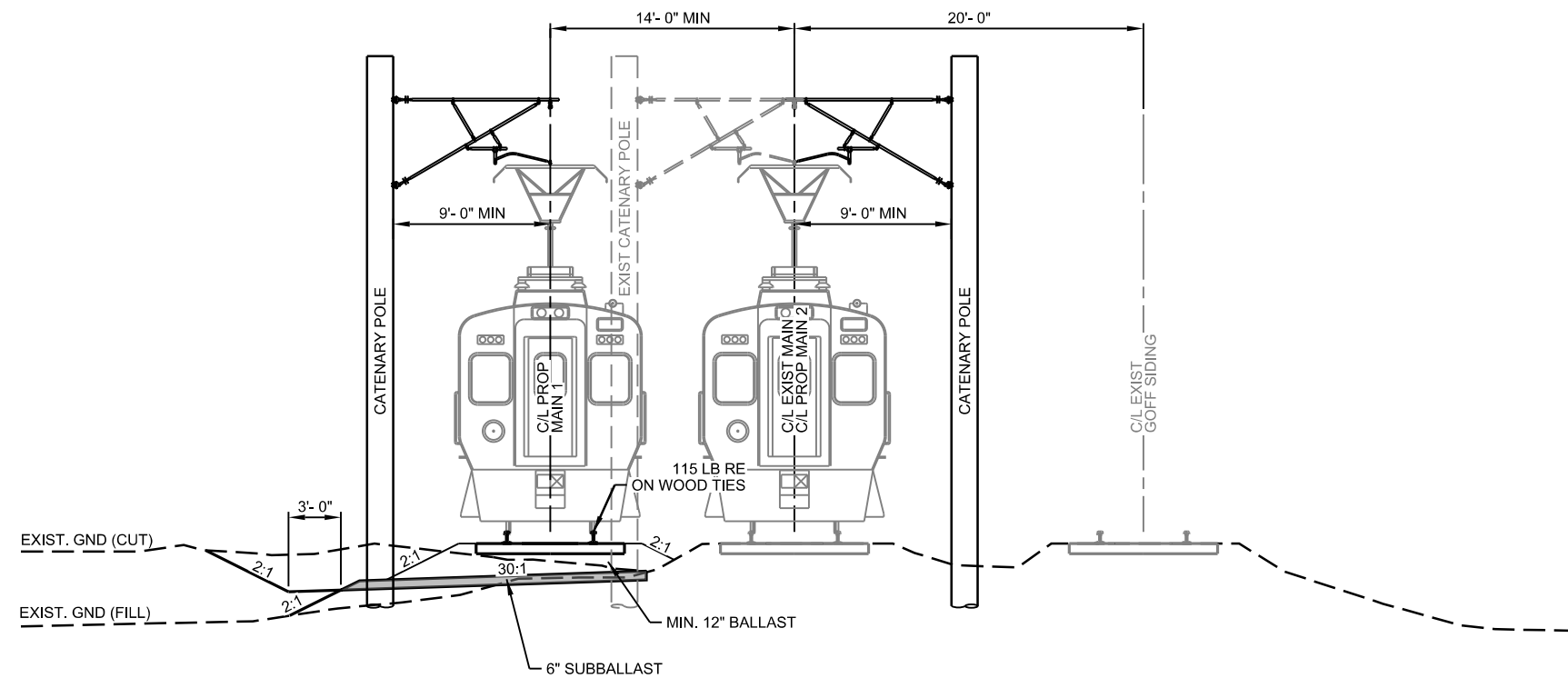


**TYPICAL SECTION
STANDARD DOUBLE TRACK BALLAST SECTION**

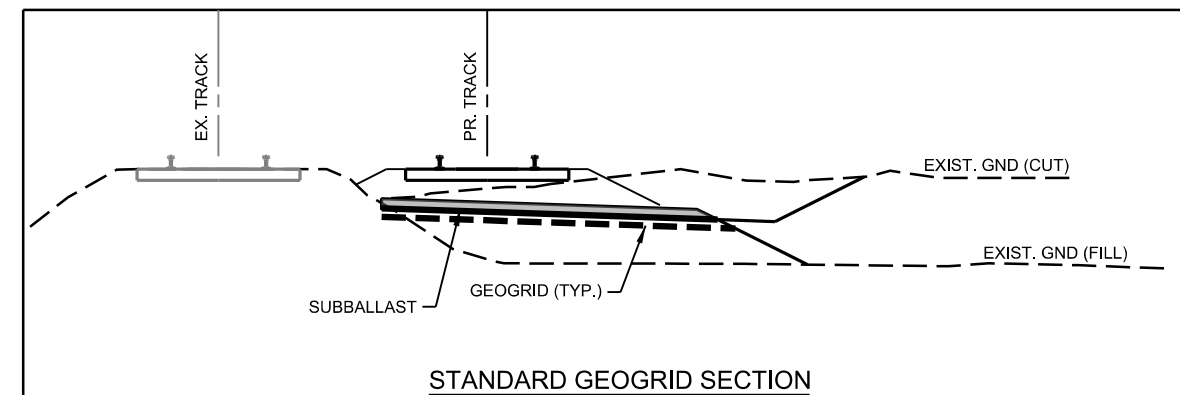
NOTE:
WIDTH OF BALLAST SHOULDER SHALL BE 6"
ON TANGENT TRACK AND 12" ALONG CURVES
GREATER THAN 1°



**TYPICAL SECTION
STANDARD ACCESS ROAD**



**TYPICAL SECTION
GOFF AREA**



STANDARD GEOGRID SECTION

LOCATION DESCRIPTION	STATION BEGIN	STATION END	SQUARE YARDS
MAIN 1	3014+00	3017+00	600
WEST CLAY ST XOVER	2941+50	2945+60	1,300
EAST CLAY ST XOVER	2933+70	2938+80	1,300
MILLER STATION GAUNTLETS	2906+70	2920+00	6,000
OGDEN DUNES GAUNTLETS	2663+70	2681+00	7,700
WEST BAILLY XOVER	2461+80	2465+90	1,300
BAILLY TO OGDEN DUNES M1 & M2	2424+00	2520+00	28,000
EAST BAILLY XOVER	2319+50	2323+60	1,300
TREMONT EAST XOVER	2270+50	2274+60	440
TREMONT EAST XOVER	2264+50	2268+60	1,300
TAMARACK EAST XOVER	1999+20	2003+30	440
TAMARACK EAST XOVER	1993+00	1997+10	1,300

NOT FOR CONSTRUCTION SERIES RTS-001 OF RTS-006

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI

TRACK DESIGN TYPICAL SECTIONS

FILENAME: NICTD-R-ML01-TS-0 SHEET: 004 OF 193
SCALE: AS NOTED

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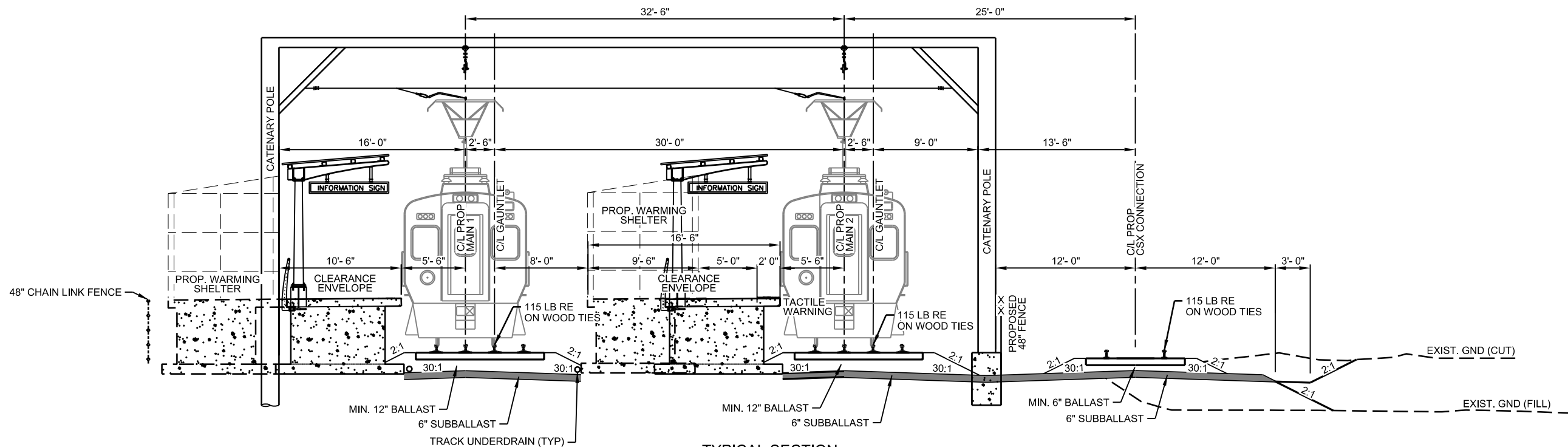
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TRANSPORTATION DISTRICT
33 East Highway 12
Chesterton, Indiana 46304



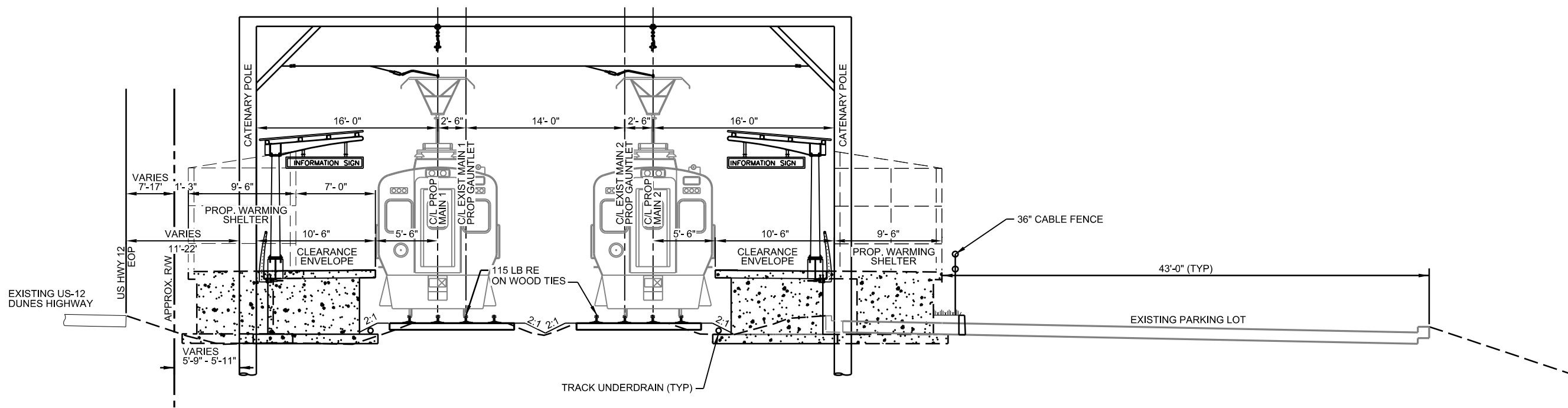
Connectivity for Accelerated Growth

MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
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DATE:	MAY 12, 2017



TYPICAL SECTION
MILLER STATION WITH TWO PLATFORMS



TYPICAL SECTION
OGDEN DUNES STATION WITH TWO PLATFORMS

PLOT DATE: 5/17/2017 10:42:07 AM ZHARTLIES



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Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

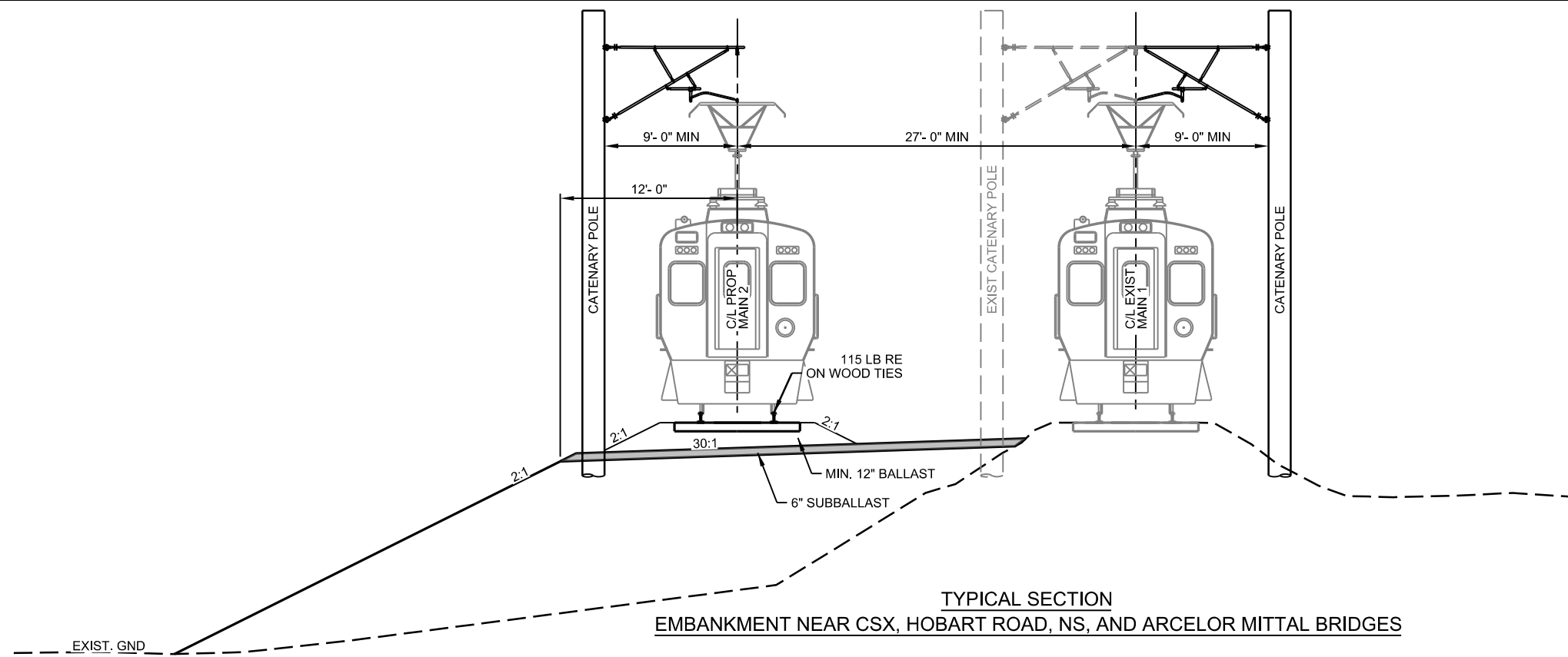
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DATE: MAY 12, 2017

NOT FOR CONSTRUCTION SERIES RTS-002 OF RTS-006

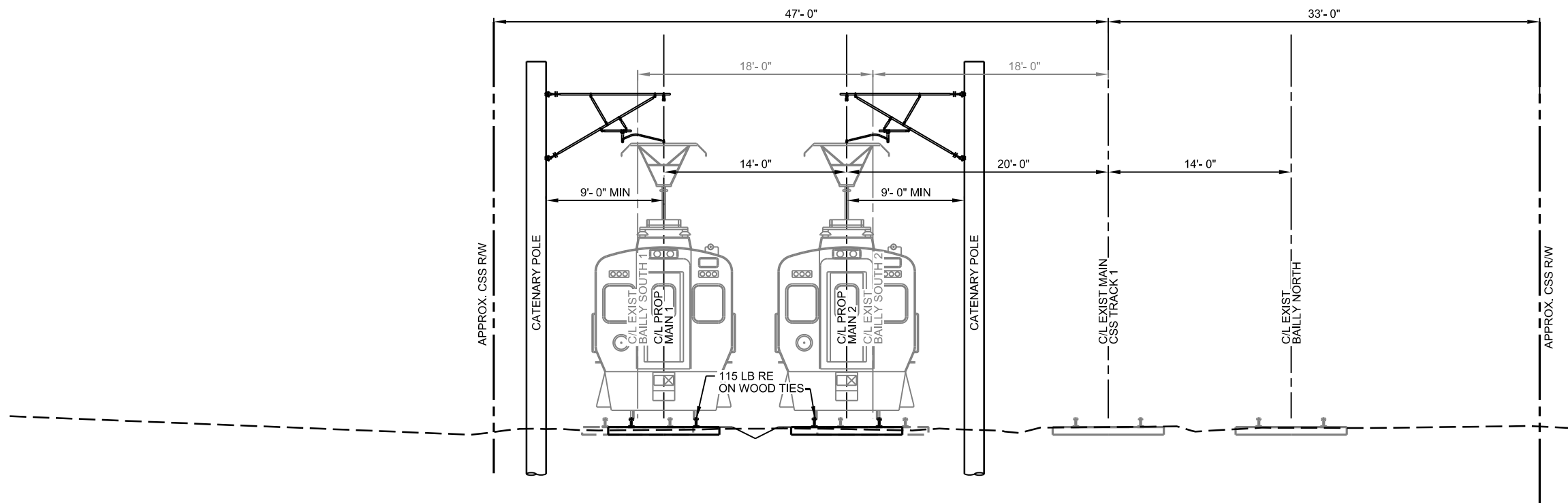
NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI

TRACK DESIGN TYPICAL SECTIONS

FILENAME	NICTD-R-ML01-TS-00.dgn	SHEET
SCALE	AS NOTED	005 OF 193



TYPICAL SECTION
EMBANKMENT NEAR CSX, HOBART ROAD, NS, AND ARCELOR MITTAL BRIDGES



TYPICAL SECTION
BAILLY AREA

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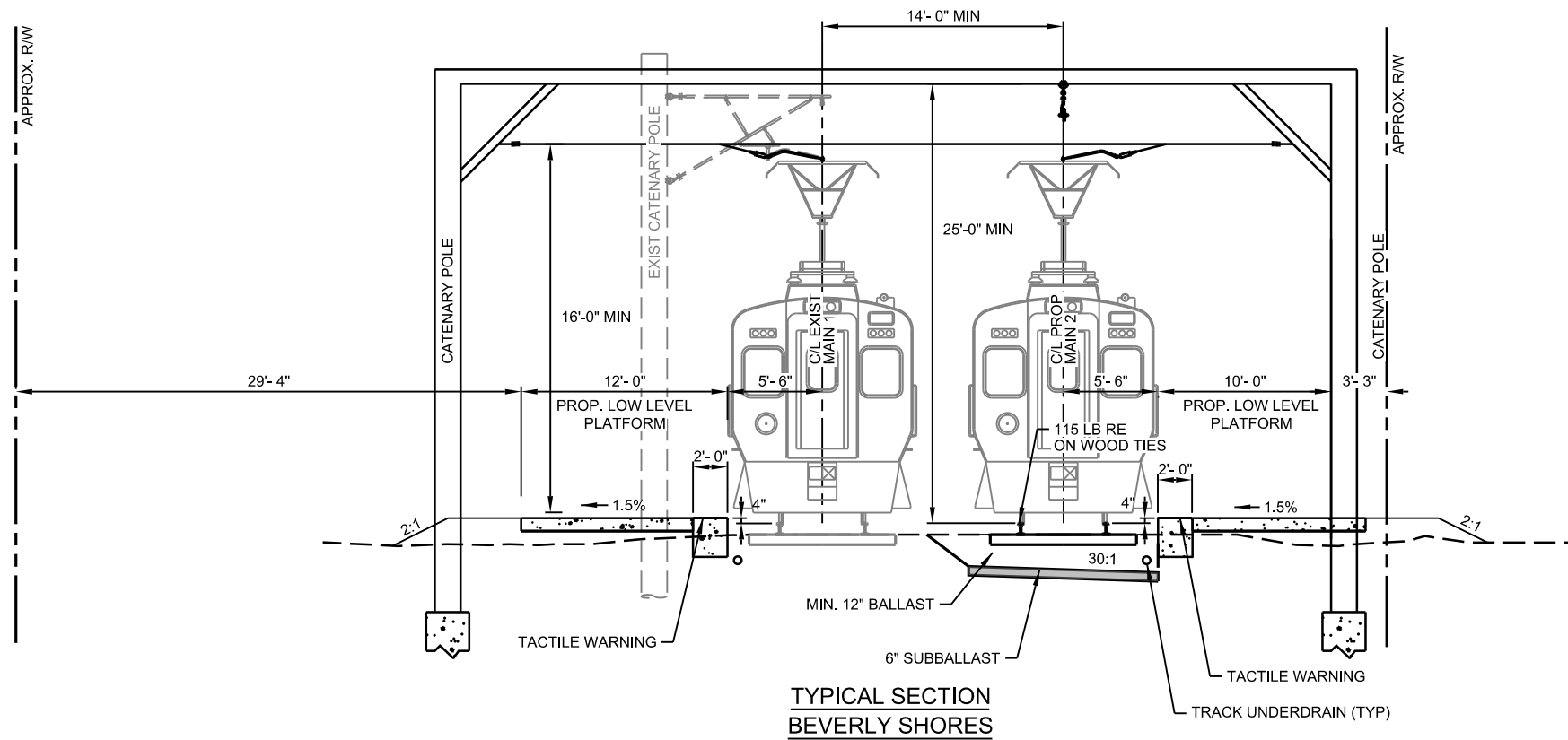
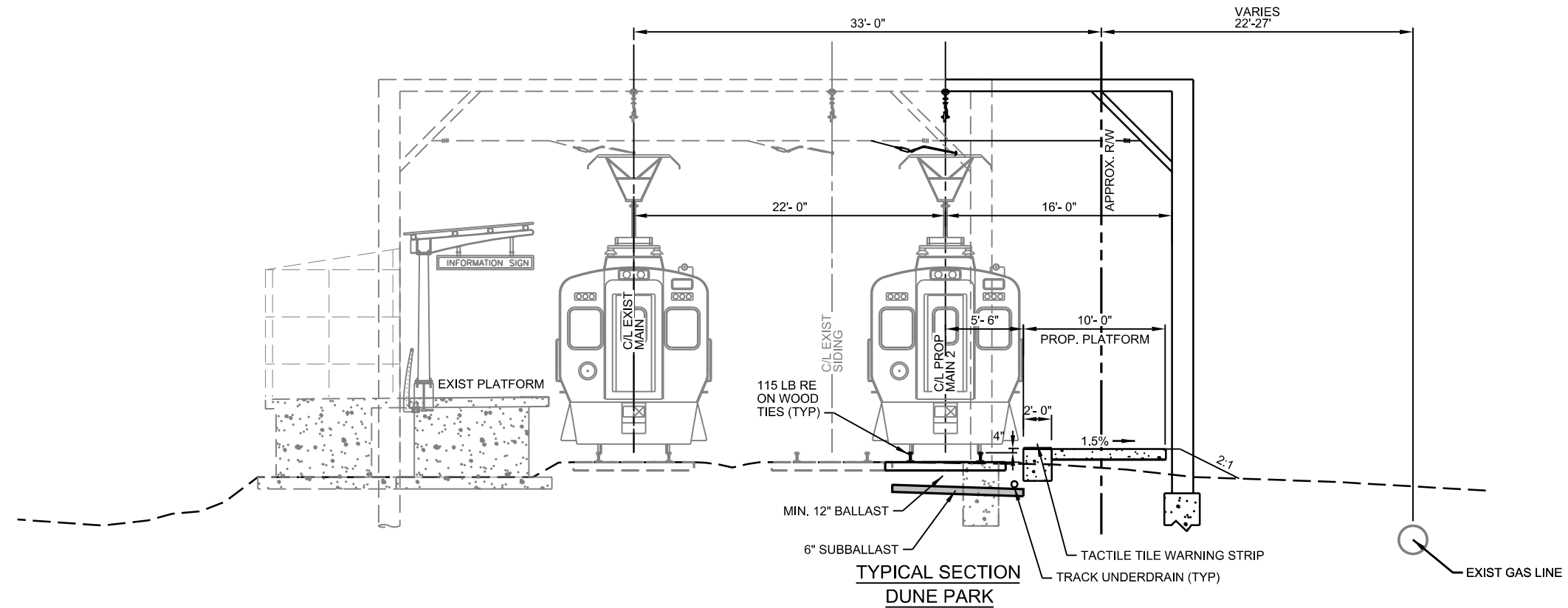
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DATE:	MAY 12, 2017

NOT FOR CONSTRUCTION		SERIES RTS-003 OF RTS-006
NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		
TRACK DESIGN TYPICAL SECTIONS		
FILENAME	NICTD-R-ML01-TS-0	SHEET
SCALE	AS NOTED	006 OF 193



PLOT DATE: 5/16/2017 3:52:29 PM WJACKSON



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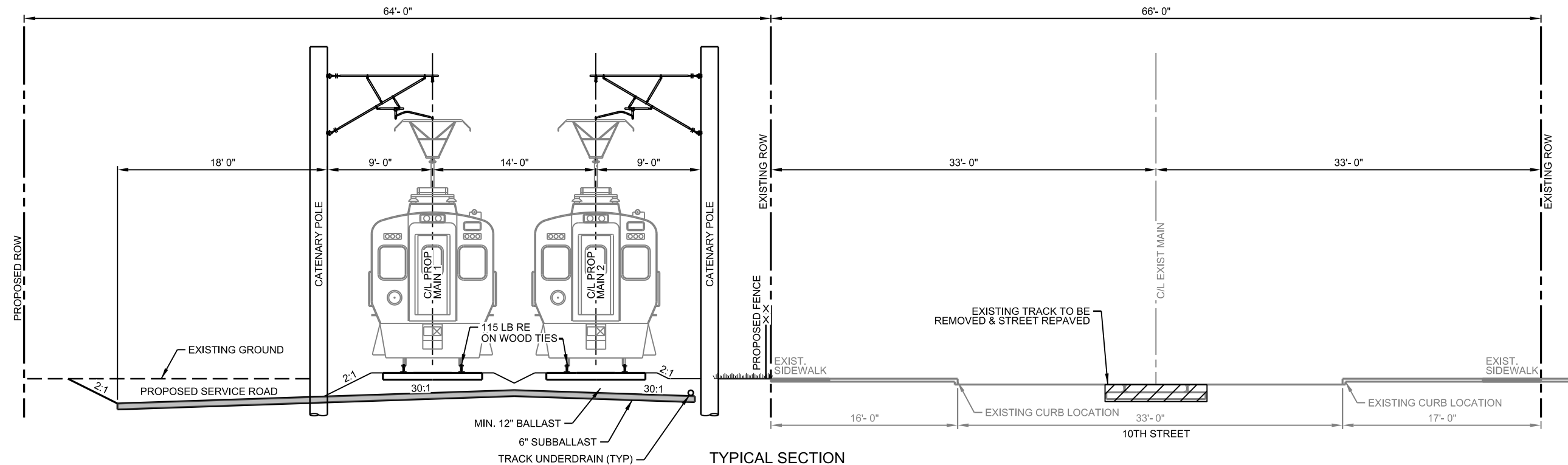
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NOT FOR CONSTRUCTION SERIES RTS-004 OF RTS-006

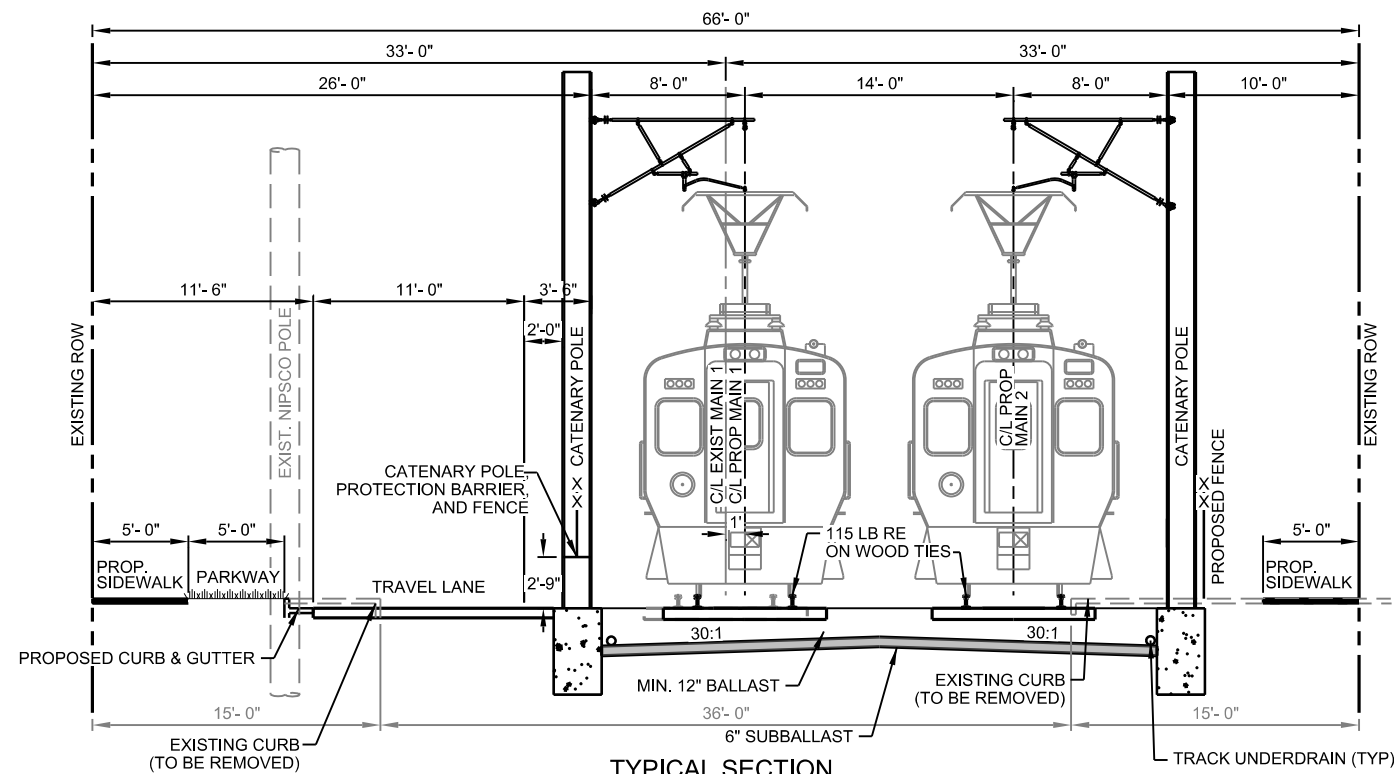
NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI

TRACK DESIGN TYPICAL SECTIONS

FILENAME	NICTD-R-ML01-TS-0	SHEET
SCALE	AS NOTED	007 OF 193



TYPICAL SECTION
10TH STREET DOUBLE TRACK



TYPICAL SECTION
11TH STREET DOUBLE TRACK

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MICHIGAN CITY TO GARY, INDIANA

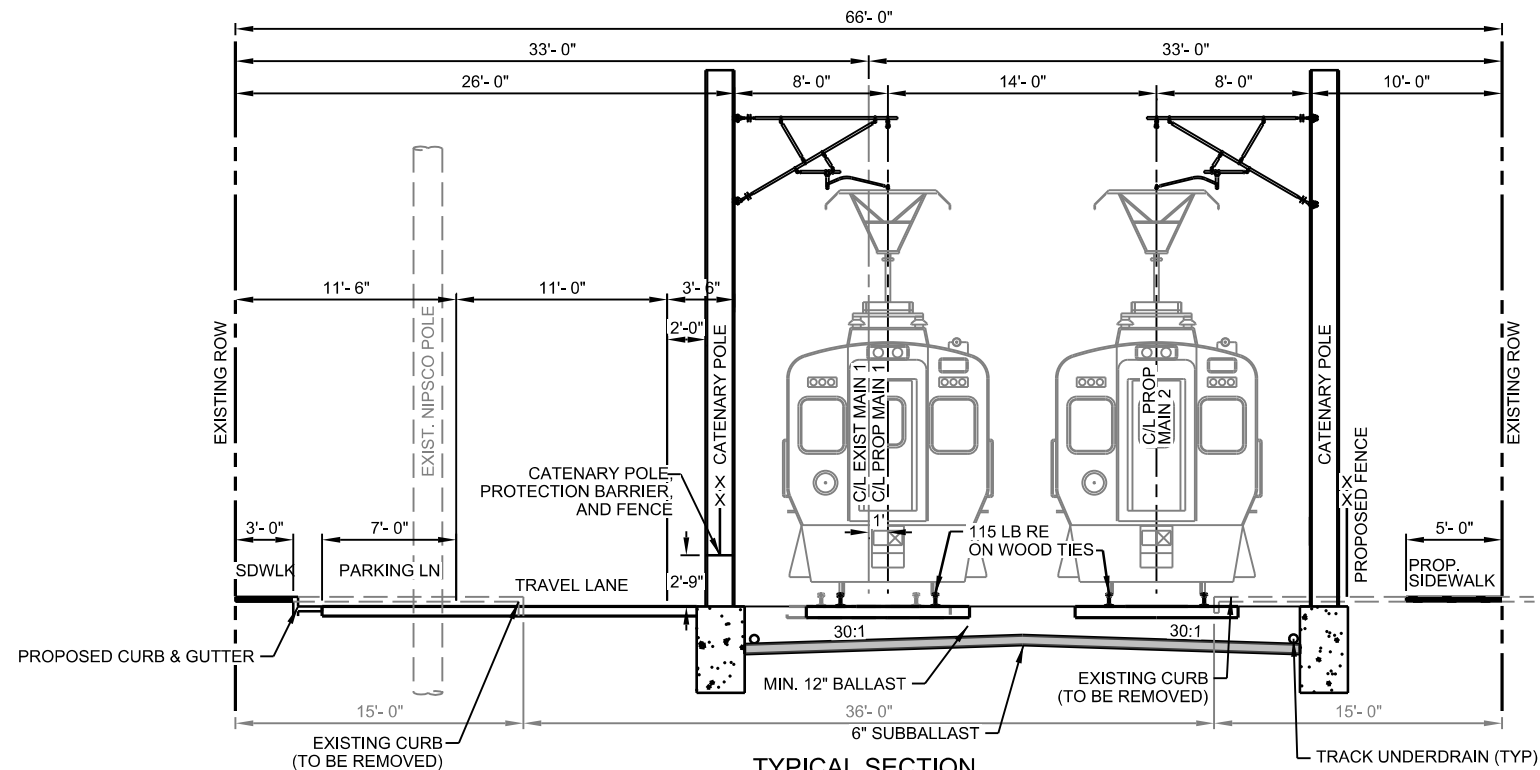
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DATE:	MAY 12, 2017

NOT FOR CONSTRUCTION SERIES RTS-005 OF RTS-006

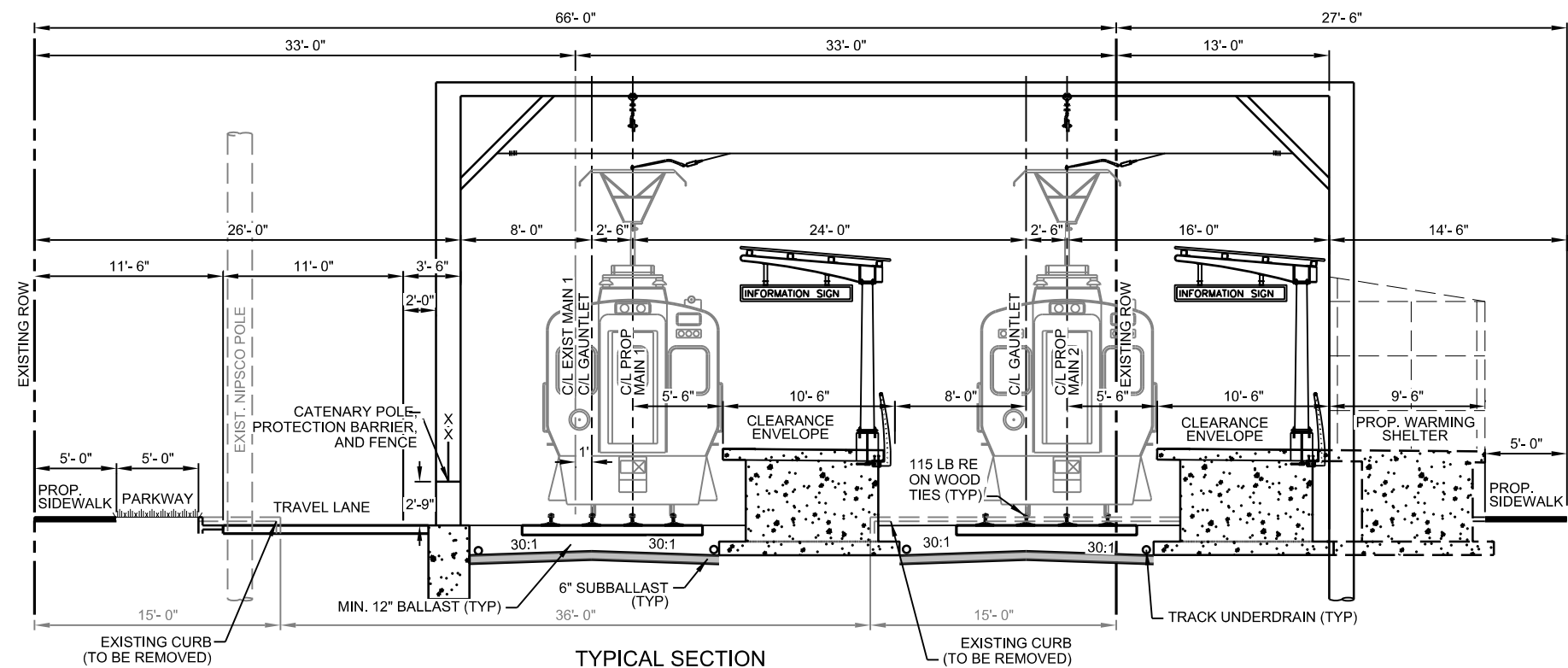
NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI

TRACK DESIGN TYPICAL SECTIONS

FILENAME	NICTD-R-ML01-TS-0	SHEET
SCALE	AS NOTED	008 OF 193



TYPICAL SECTION
11TH STREET DOUBLE TRACK - WITH PARKING



TYPICAL SECTION
11TH STREET STATION WITH TWO PLATFORMS

PLOT DATE: 5/16/2017 3:52:31 PM WJACKSON



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ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



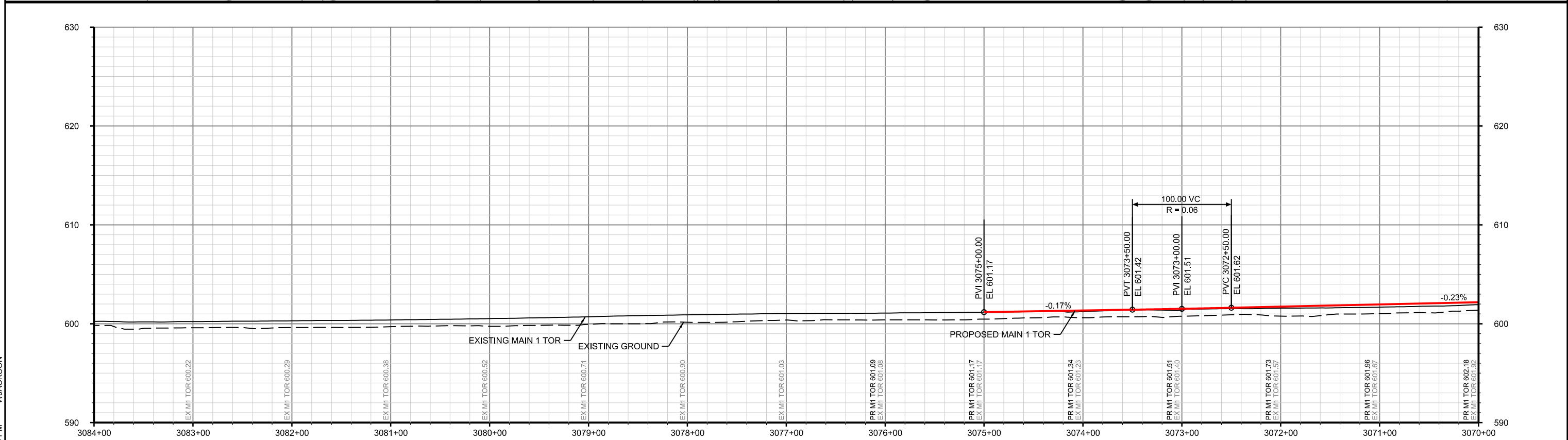
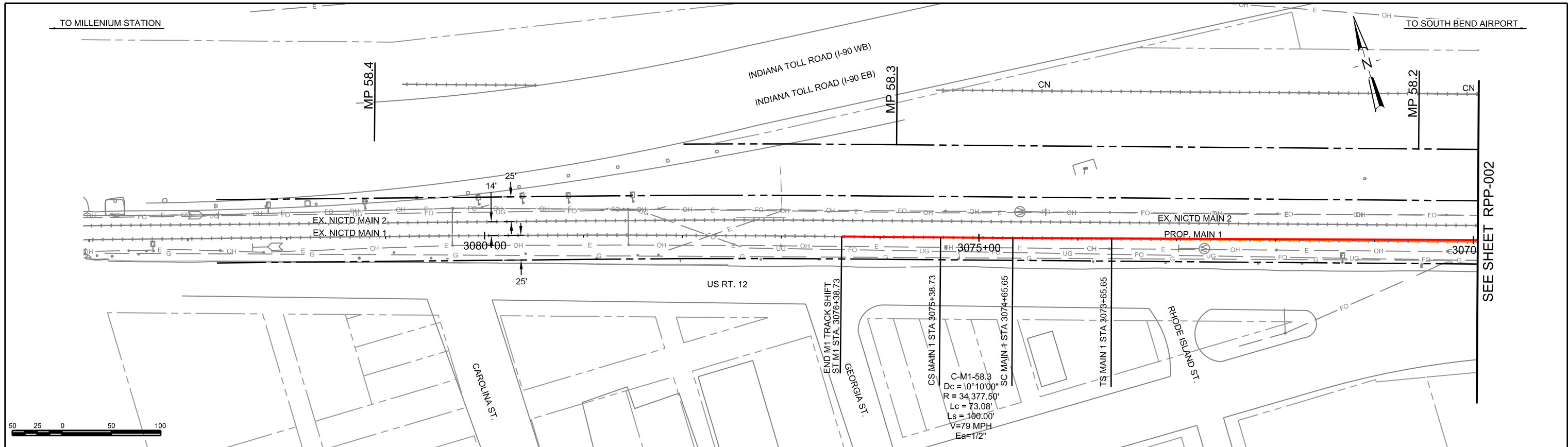
DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NOT FOR CONSTRUCTION SERIES RTS-006 OF RTS-006

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI

TRACK DESIGN TYPICAL SECTIONS

FILENAME	NICTD-R-ML01-TS-0	SHEET
SCALE	AS NOTED	009 OF 193



PROP MAIN 1 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-001 OF RPP-138

PLOT DATE: 5/16/2017 4:03:03 PM WJACKSON

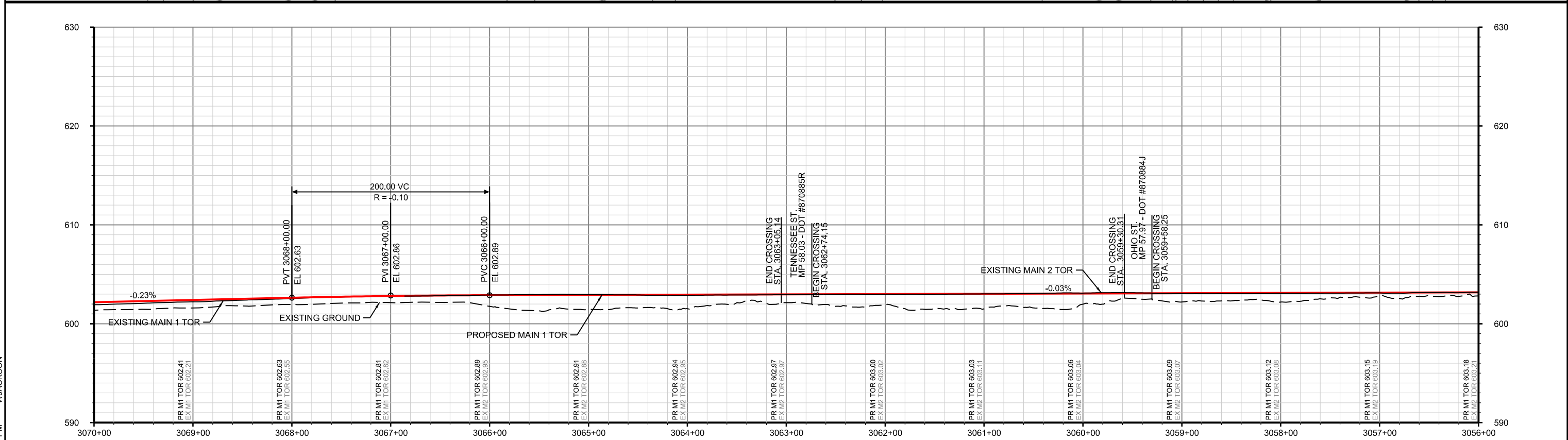
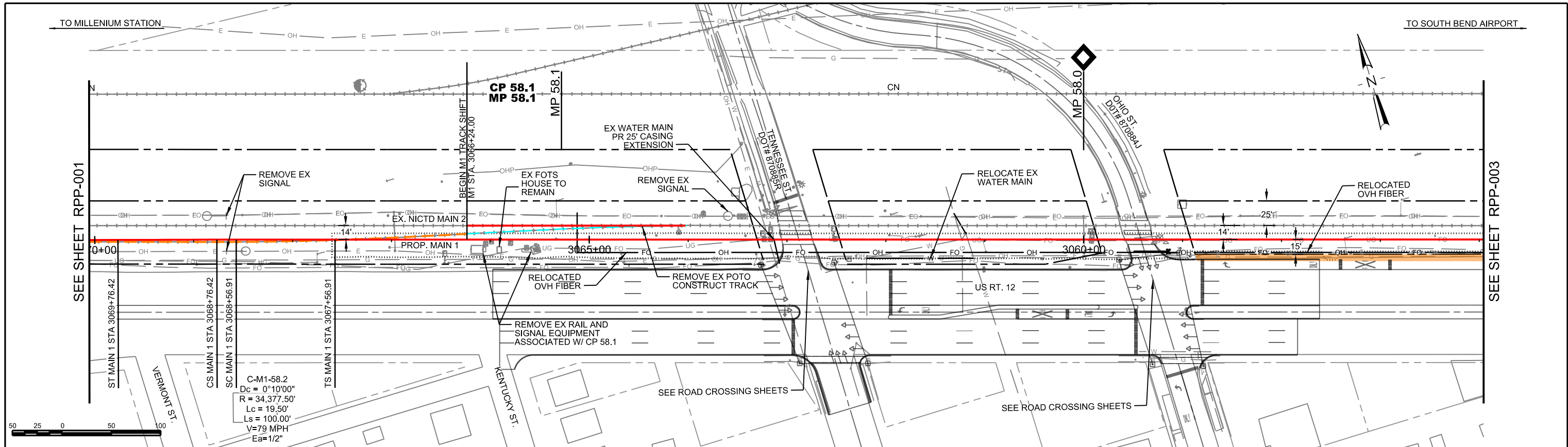


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-KEK
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	010 OF 193
SCALE	AS NOTED		



PROP MAIN 1 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-002 OF RPP-138

PLOT DATE: 5/16/2017 4:03:07 PM WJACKSON



ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



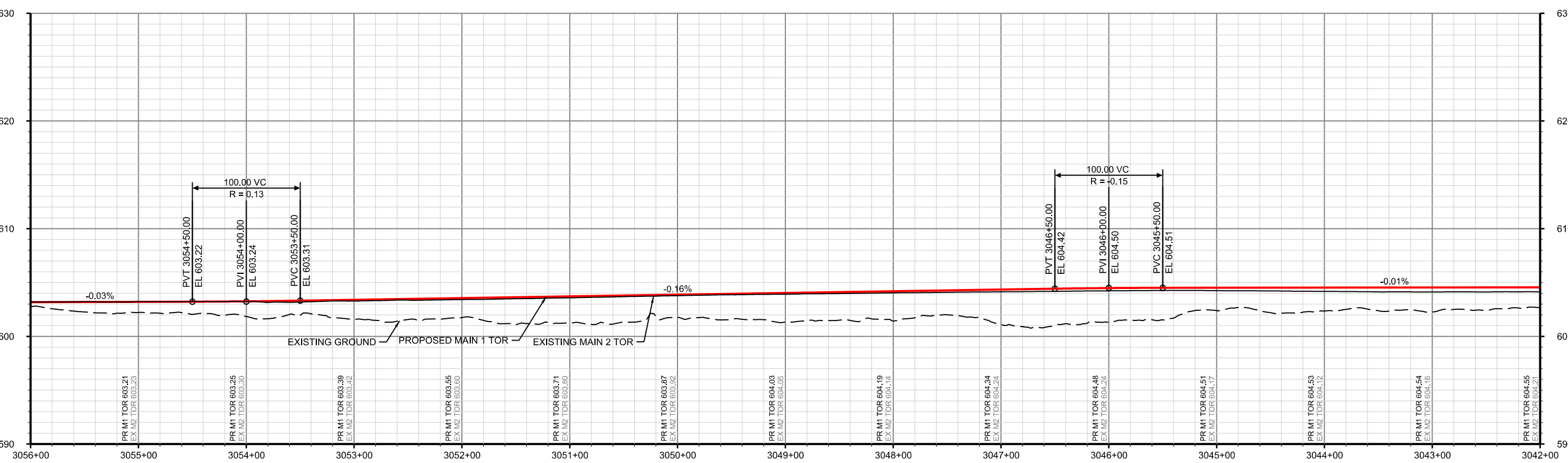
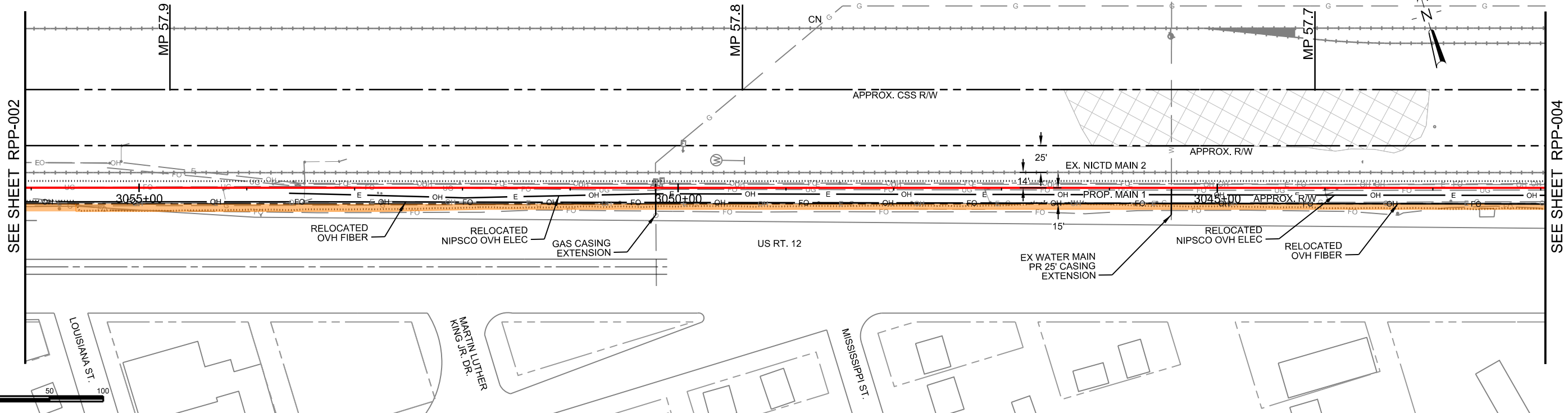
DESIGNED:	PEI-KEK
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	011 OF 193
SCALE	AS NOTED		

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NMI
PLAN AND PROFILE
STA 3056+00 TO 3070+00
MP 57.9 TO 58.2

TO MILLENIUM STATION

TO SOUTH BEND AIRPORT

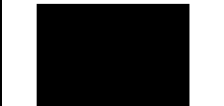


PROP MAIN 1 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-003 OF RPP-138



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Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

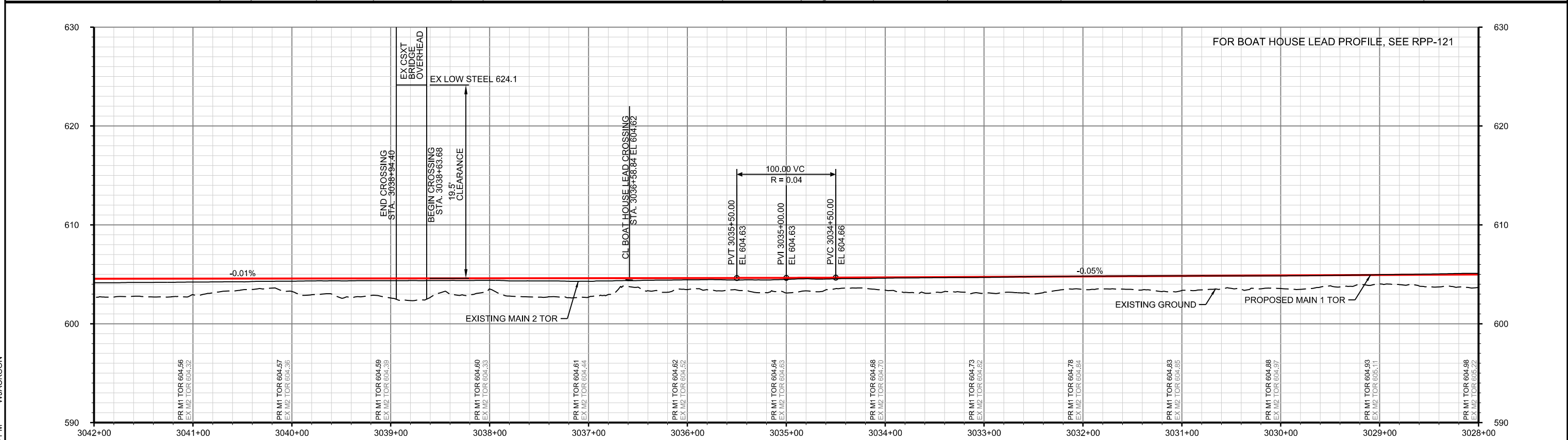
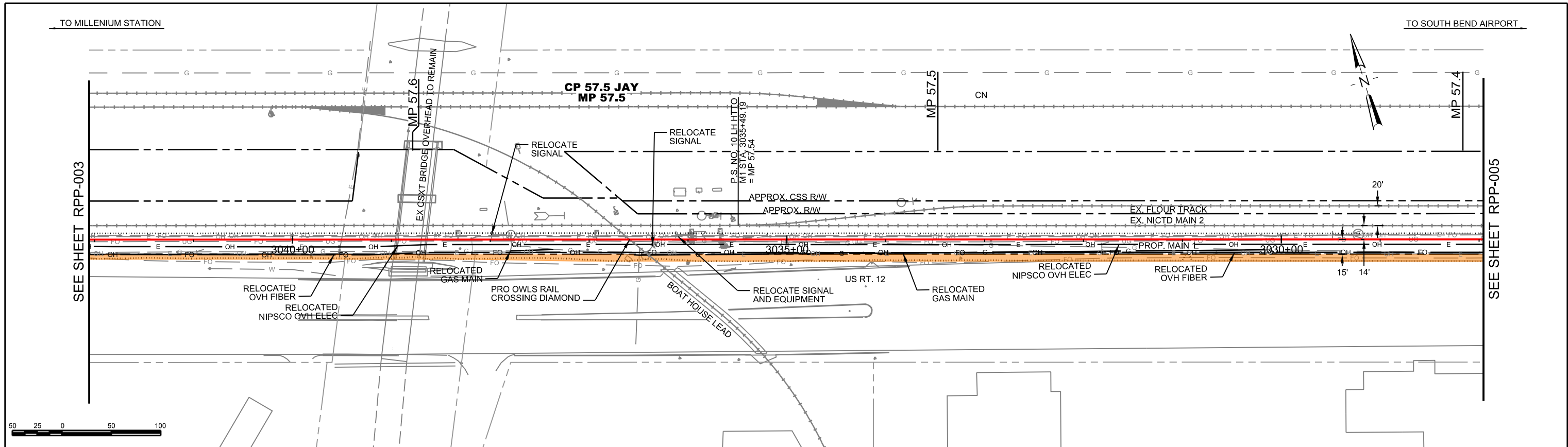
DESIGNED: PEI-KEK
DRAWN: PEI-ALH
CHECKED: PEI-SPH
DATE: MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NMI
PLAN AND PROFILE
STA 3042+00 TO 3056+00
MP 57.7 TO 57.9

FILENAME: NICTD-R-ML01-PP-0
SCALE: AS NOTED
SHEET: 012 OF 193

PLOT DATE: 5/16/2017 4:03:31 PM WJACKSON

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

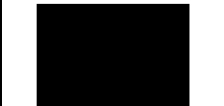


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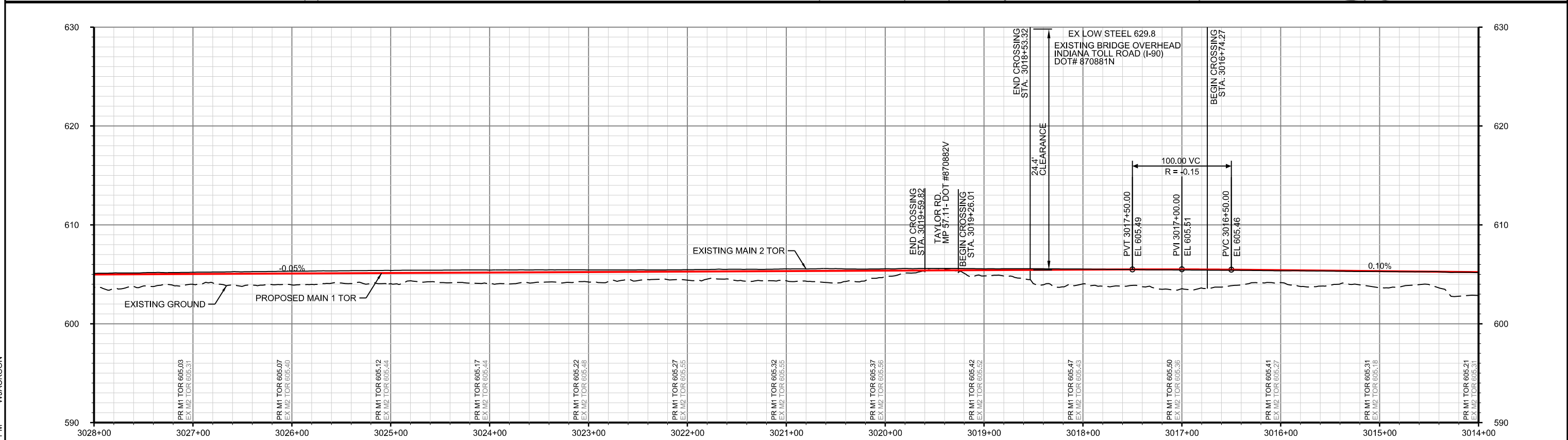
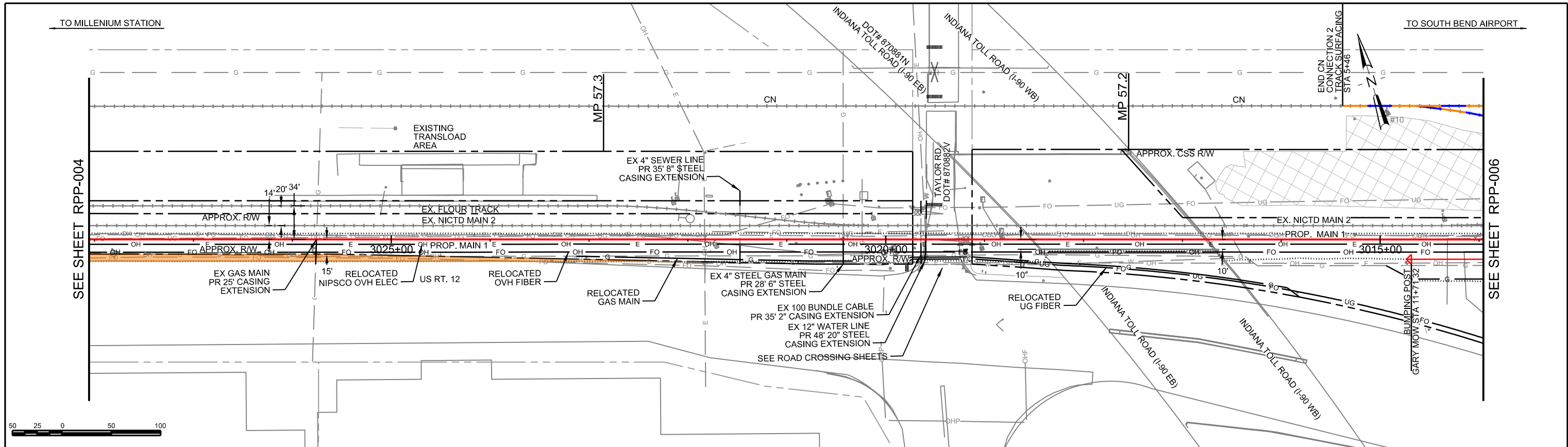
MICHIGAN CITY TO GARY, INDIANA

DESIGNED: PEI-KEK
DRAWN: PEI-ALH
CHECKED: PEI-SPH
DATE: MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NMI
PLAN AND PROFILE
STA 3028+00 TO 3042+00
MP 57.4 TO 57.7

FILENAME	NICTD-R-ML01-PP-0	SHEET	013 OF 193
SCALE	AS NOTED		

PLOT DATE: 5/16/2017 4:03:34 PM WJACKSON

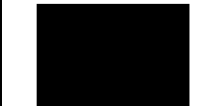


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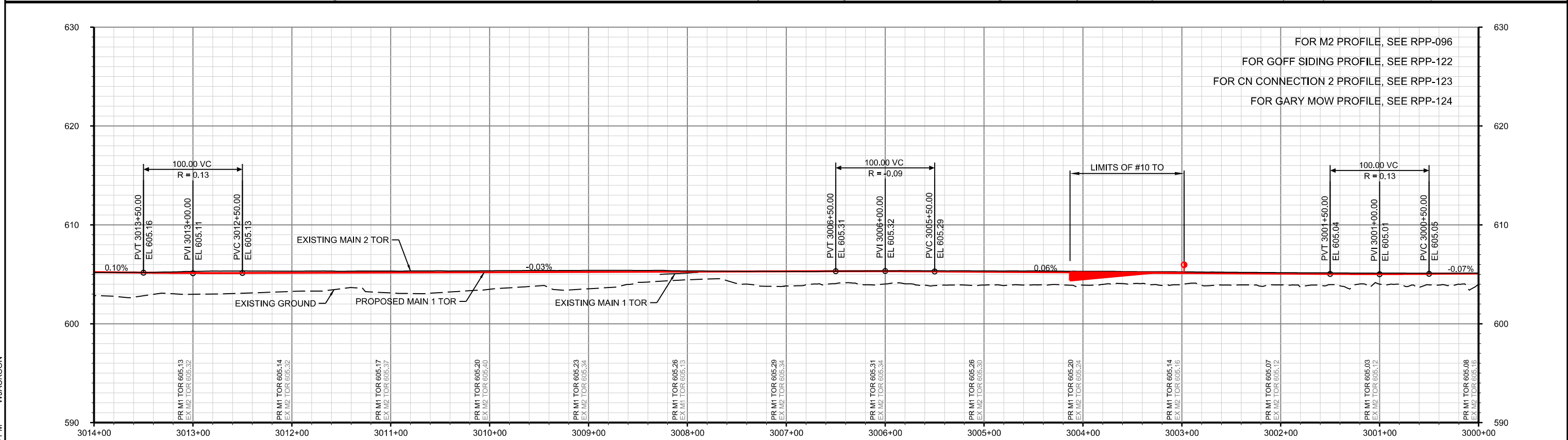
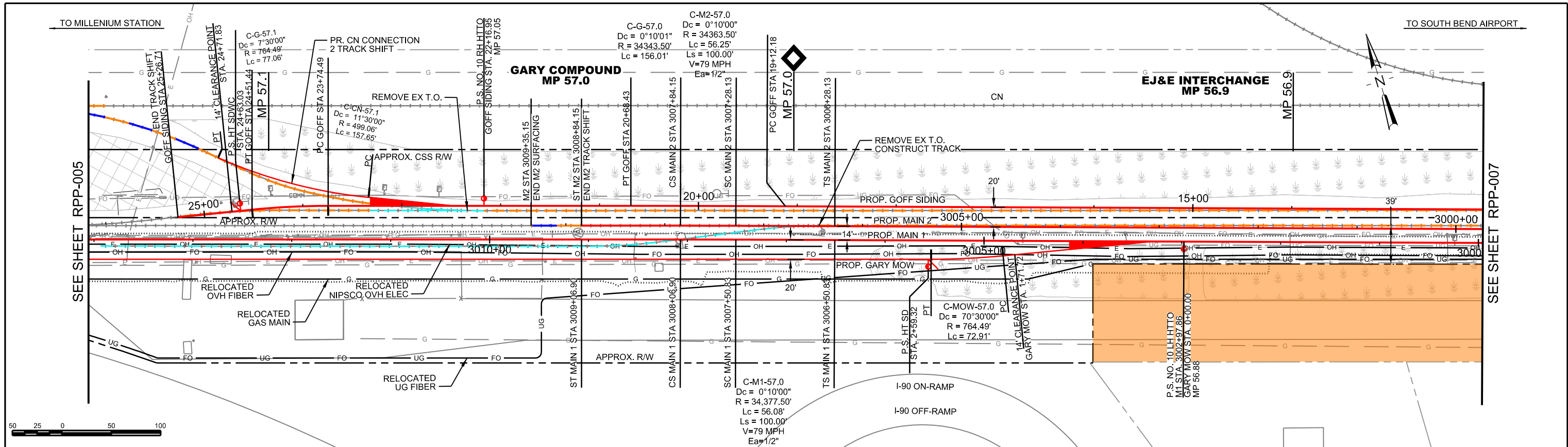
Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

DESIGNED: PEI-KEK
DRAWN: PEI-ALH
CHECKED: PEI-SPH
DATE: MAY 12, 2017

FILENAME: NICTD-R-ML01-PP-0
SCALE: AS NOTED
SHEET: 014 OF 193

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

PLOT DATE: 5/16/2017 4:03:37 PM WJACKSON



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PLOT DATE: 5/16/2017 4:03:39 PM WJACKSON



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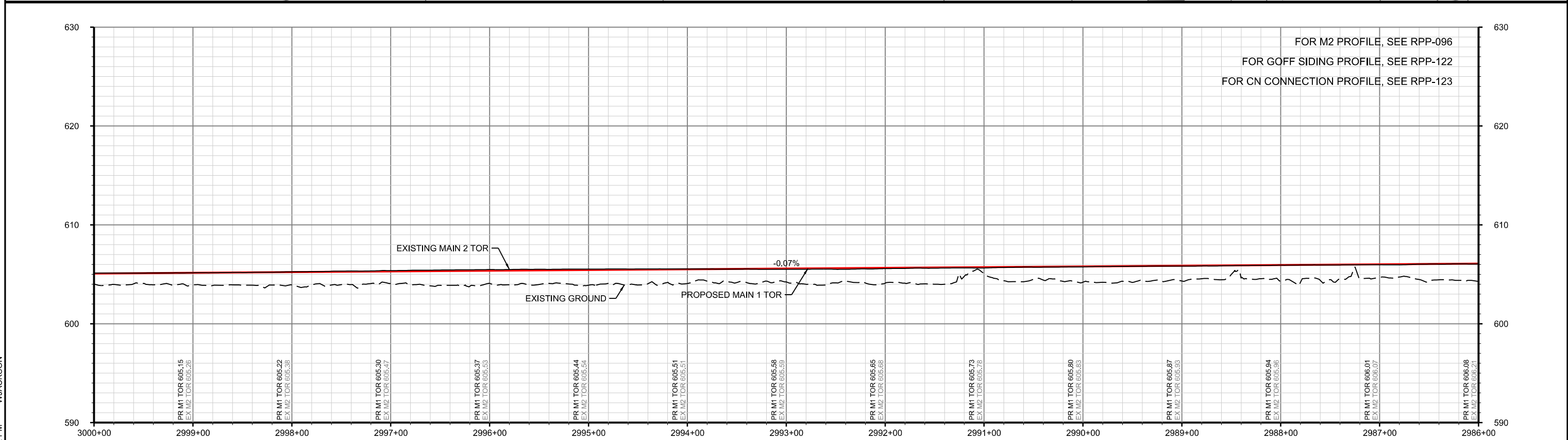
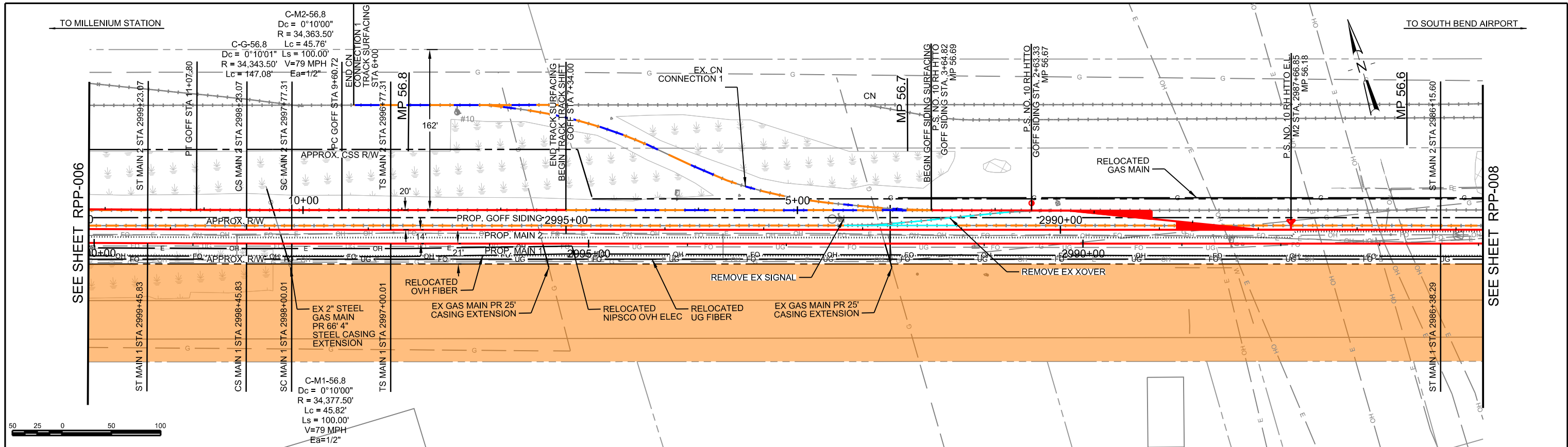
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33 East Highway 12
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DESIGNED: PEI-KEK
DRAWN: PEI-ALH
CHECKED: PEI-SPH
DATE: MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	015 OF 193
SCALE	AS NOTED		

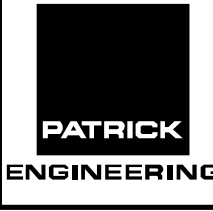
NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NW
PLAN AND PROFILE
STA 3000+00 TO 3014+00
MP 56.9 TO 57.1



PROP MAIN 1 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-007 OF RPP-138

PLOT DATE: 5/16/2017 4:03:42 PM WJACKSON

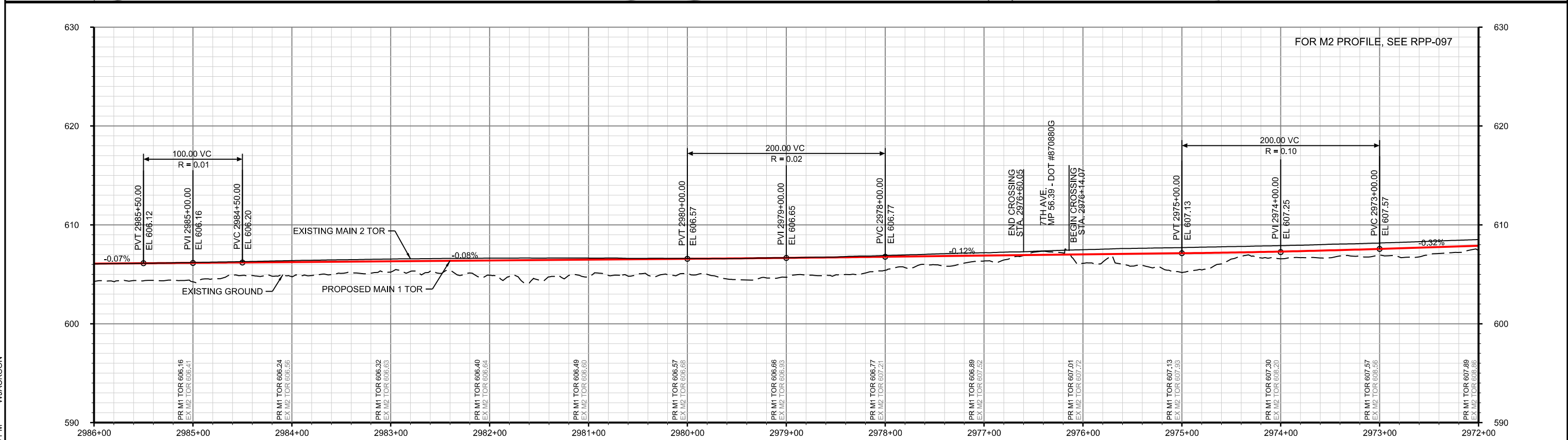
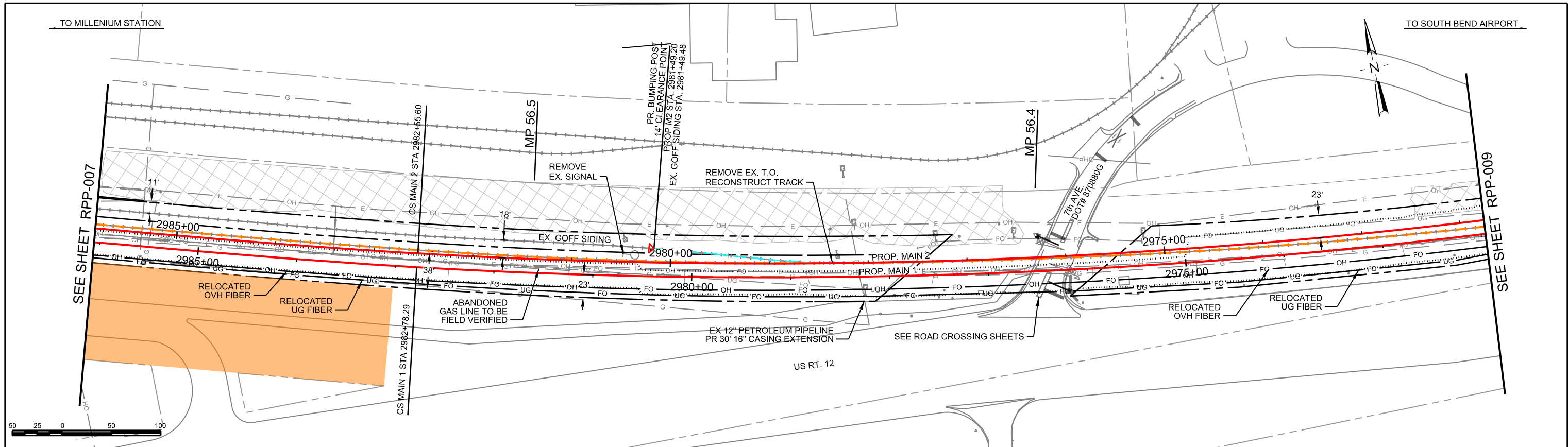


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-KEK
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	016 OF 193
SCALE	AS NOTED		



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NOT FOR CONSTRUCTION SERIES RPP-008 OF RPP-138

PLOT DATE: 5/16/2017 4:03:45 PM WJACKSON

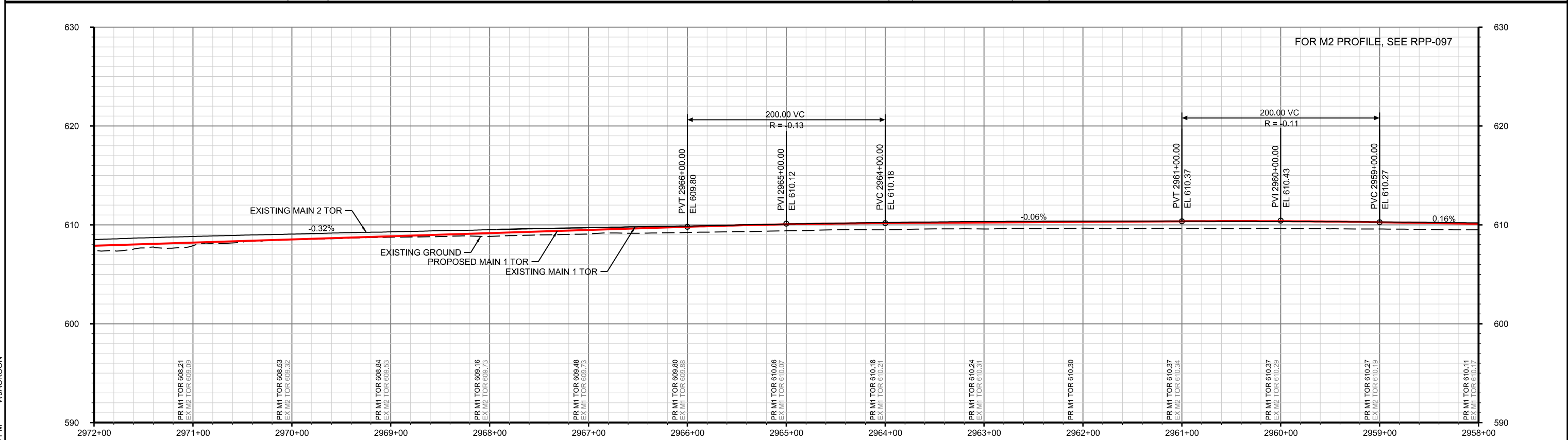
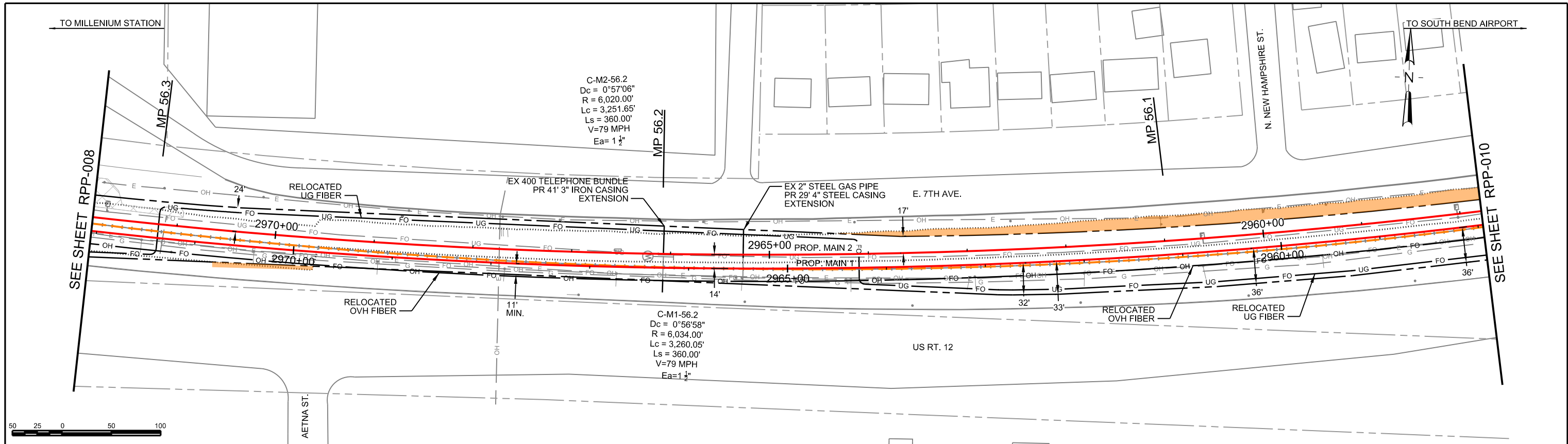


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-KEK
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	017 OF 193
SCALE	AS NOTED		



PLOT DATE: 5/16/2017 4:03:48 PM WJACKSON



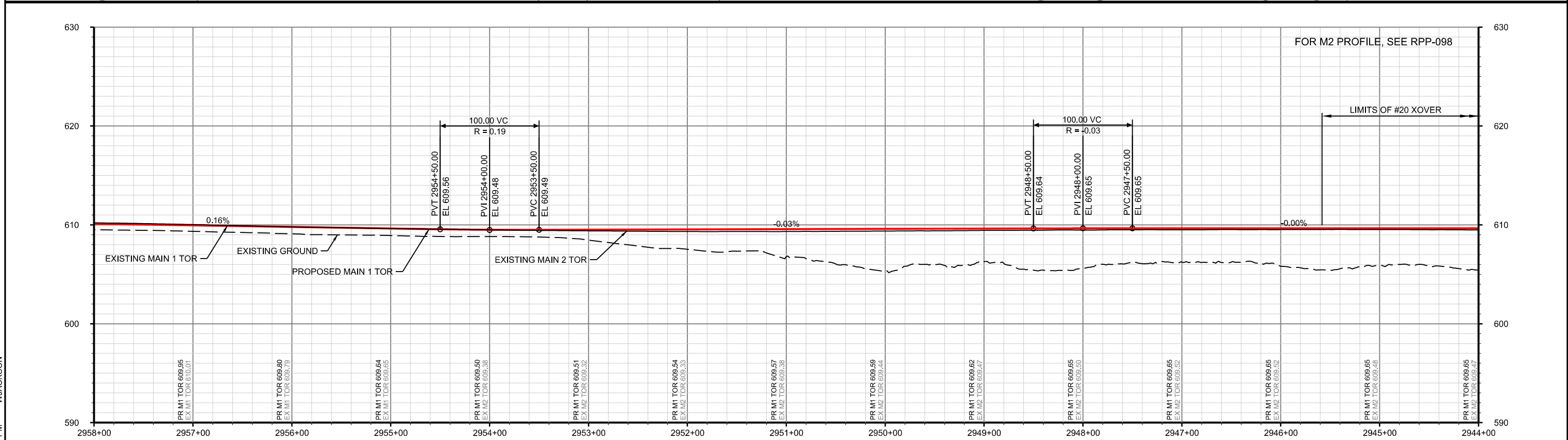
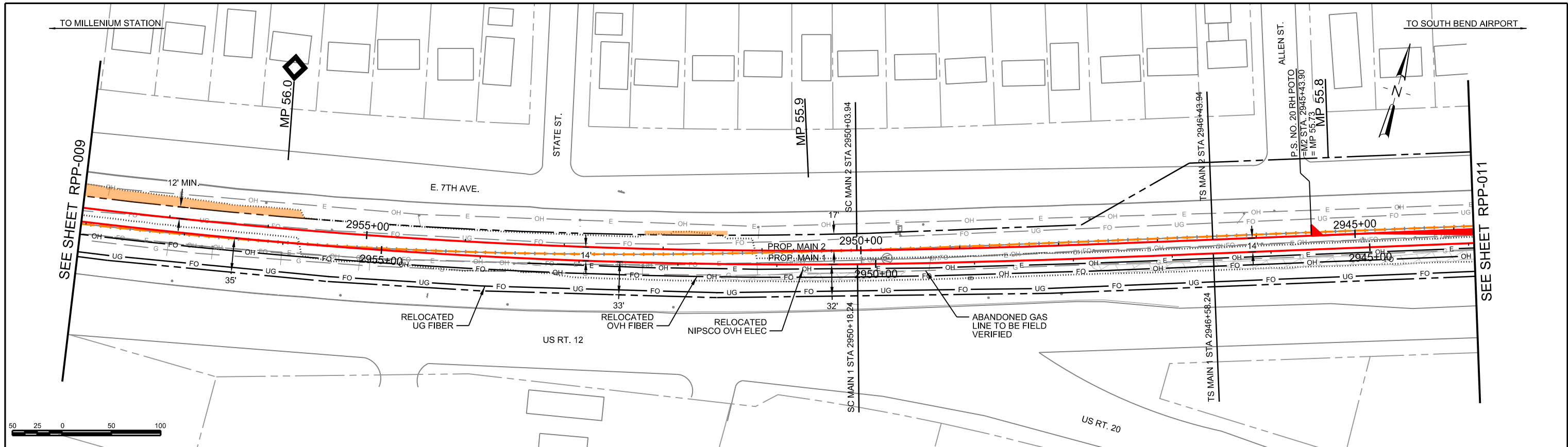
ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-KEK
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

NOT FOR CONSTRUCTION SERIES RPP-009 OF RPP-138

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NMI	
PLAN AND PROFILE STA 2958+00 TO 2972+00 MP 56.0 TO 56.3	
FILENAME	NICTD-R-ML01-PP-0
SCALE	AS NOTED
SHEET	018 OF 193

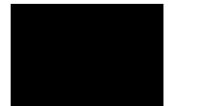


PROP MAIN 1 PROFILE

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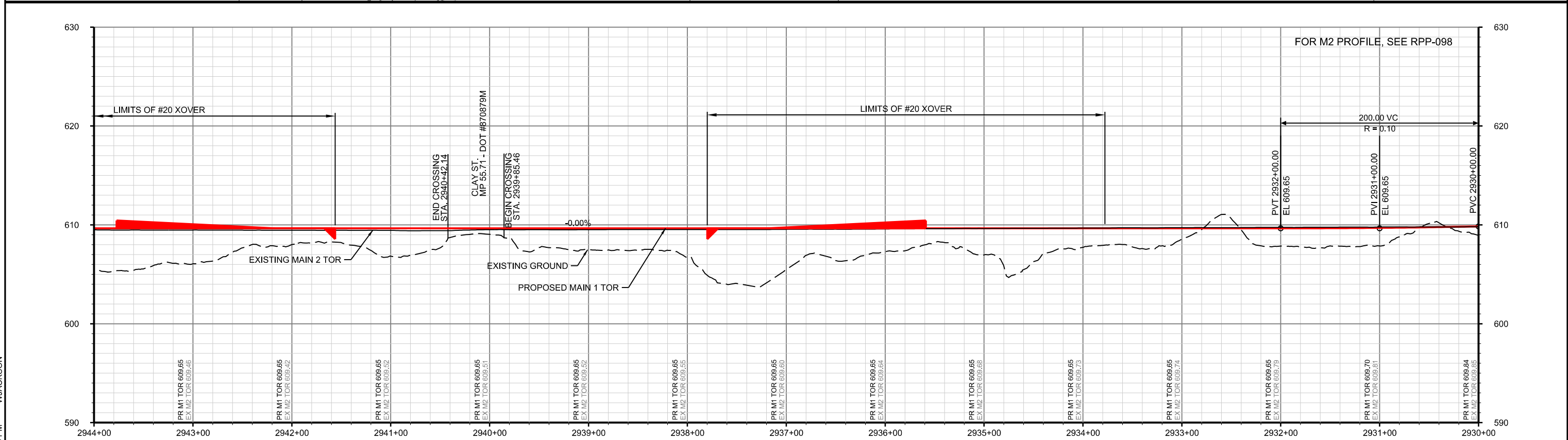
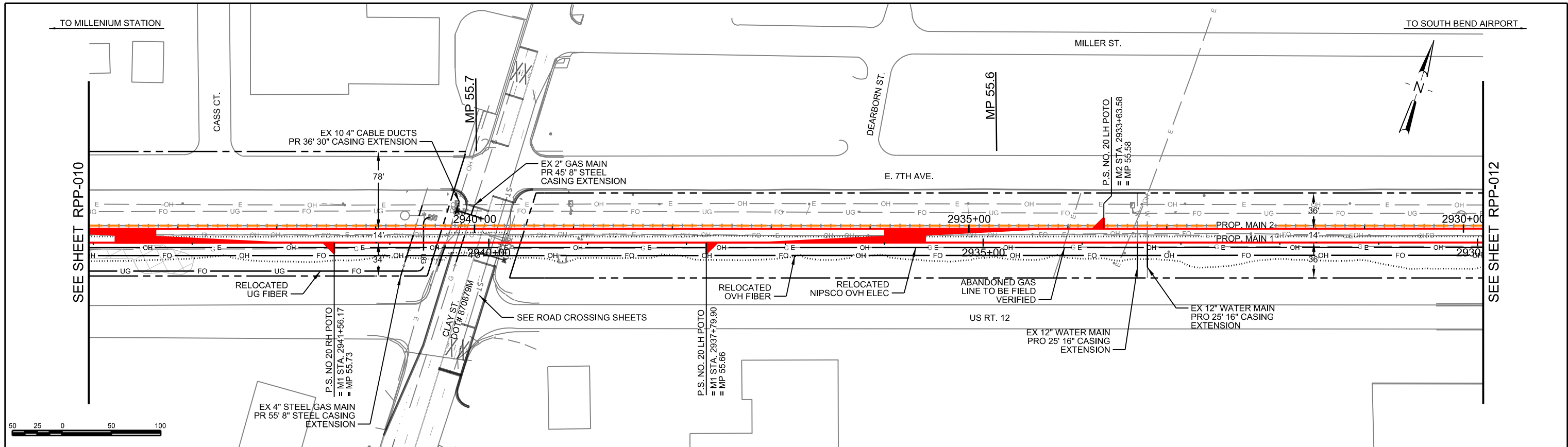


Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

DESIGNED: PEI-KEK
DRAWN: PEI-ALH
CHECKED: PEI-SPH
DATE: MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	019 OF 193
SCALE	AS NOTED		

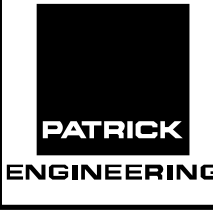
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PROP MAIN 1 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-011 OF RPP-138

PLOT DATE: 5/16/2017 4:03:53 PM WJACKSON

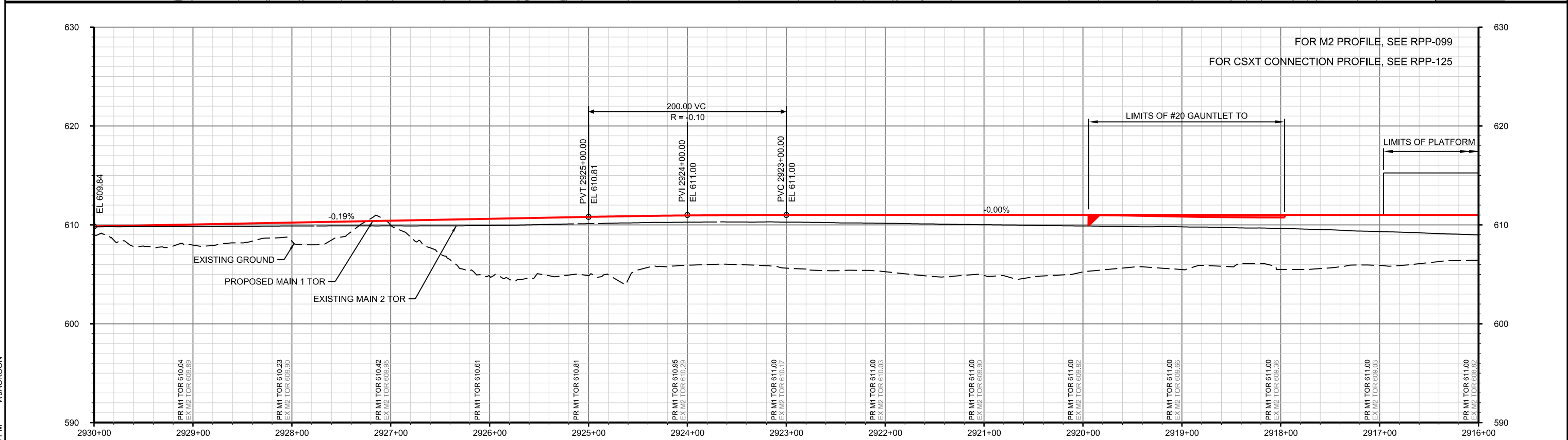
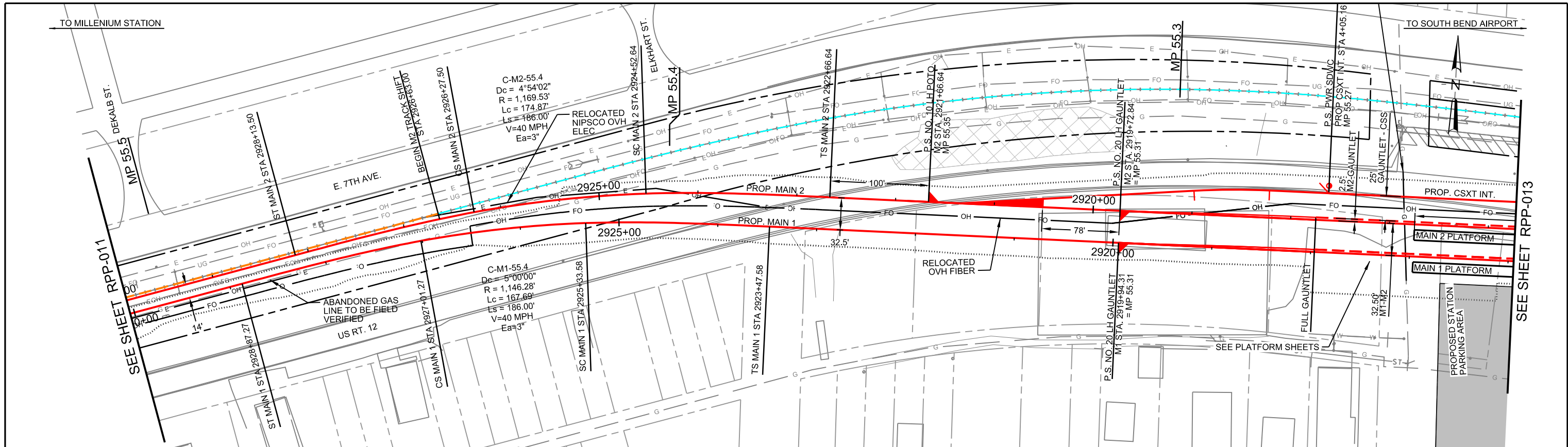


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-KEK
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	020 OF 193
SCALE	AS NOTED		



PROP MAIN 1 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-012 OF RPP-138

PLOT DATE: 5/16/2017 4:03:56 PM WJACKSON

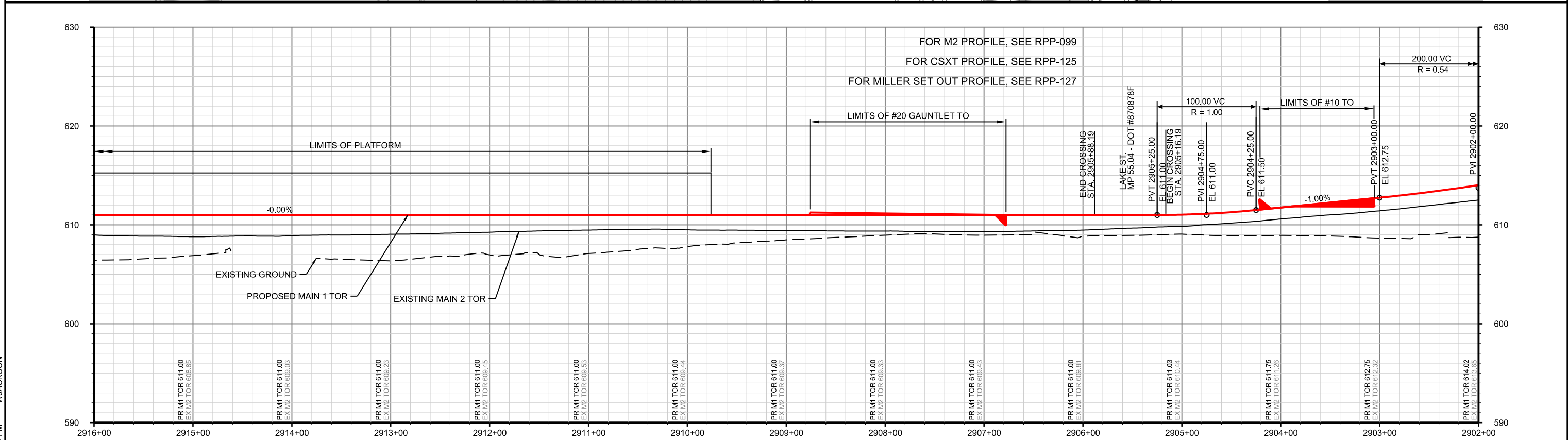
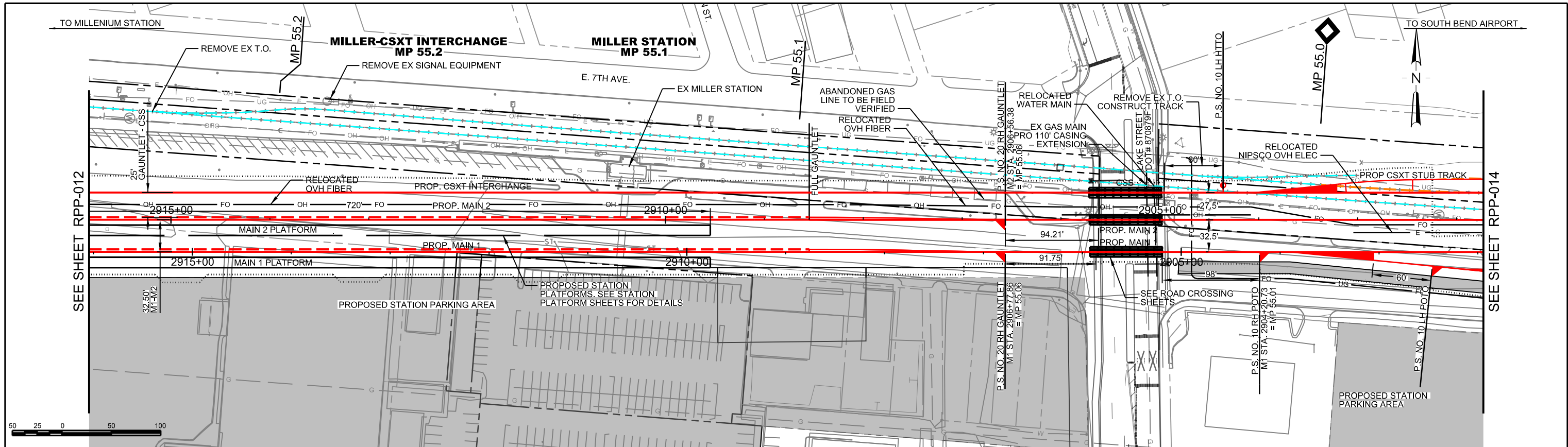


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-KEK
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	021 OF 193
SCALE	AS NOTED		



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NOT FOR CONSTRUCTION SERIES RPP-013 OF RPP-138

PLOT DATE: 5/16/2017 4:03:59 PM WJACKSON

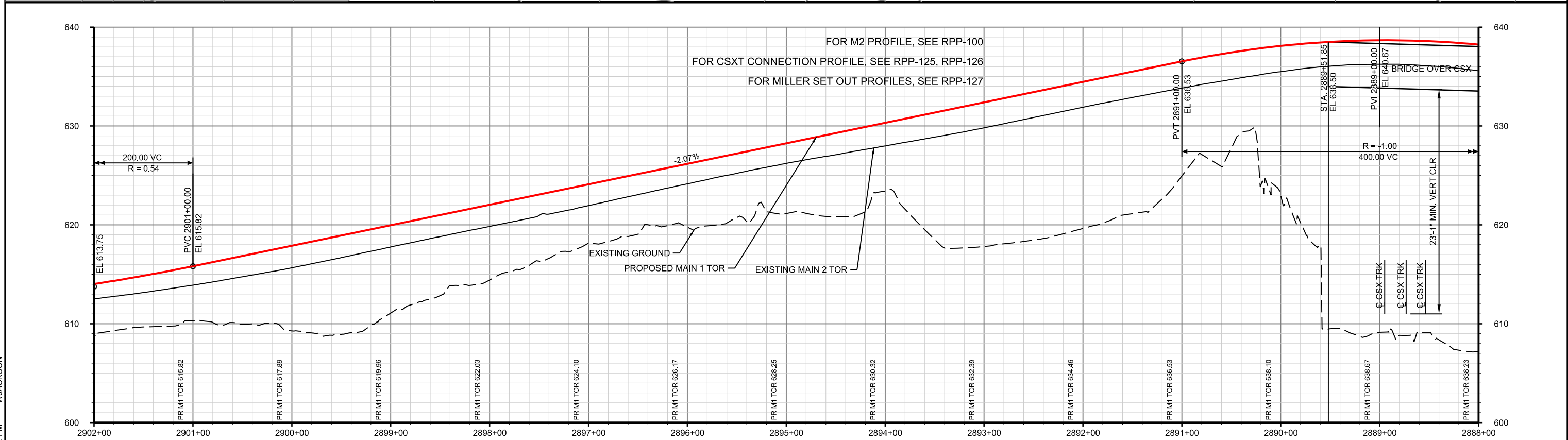
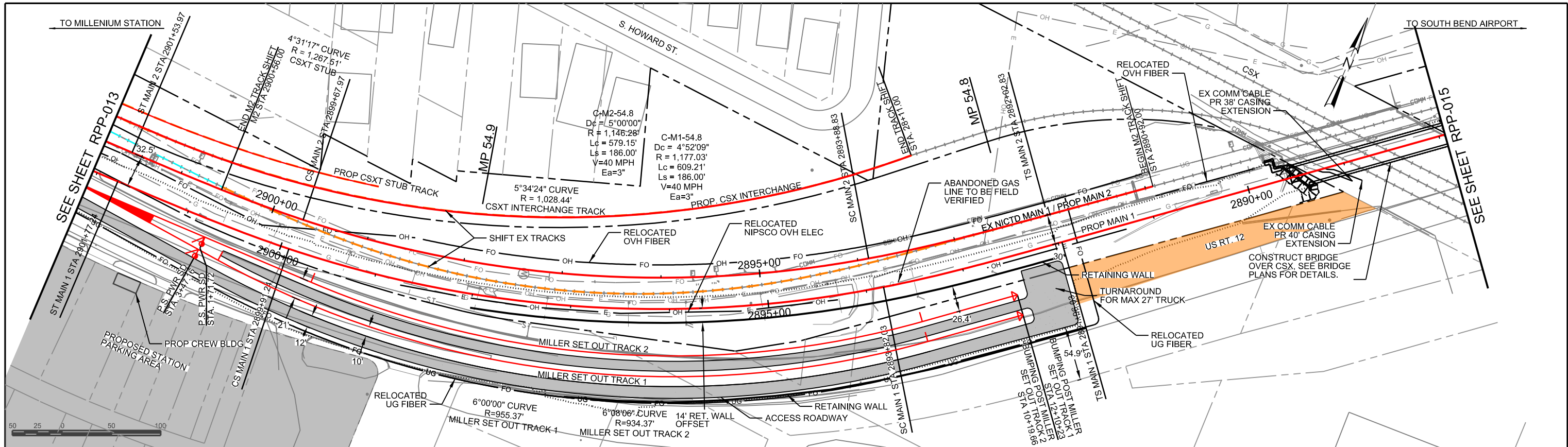


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-KEK
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	022 OF 193
SCALE	AS NOTED		



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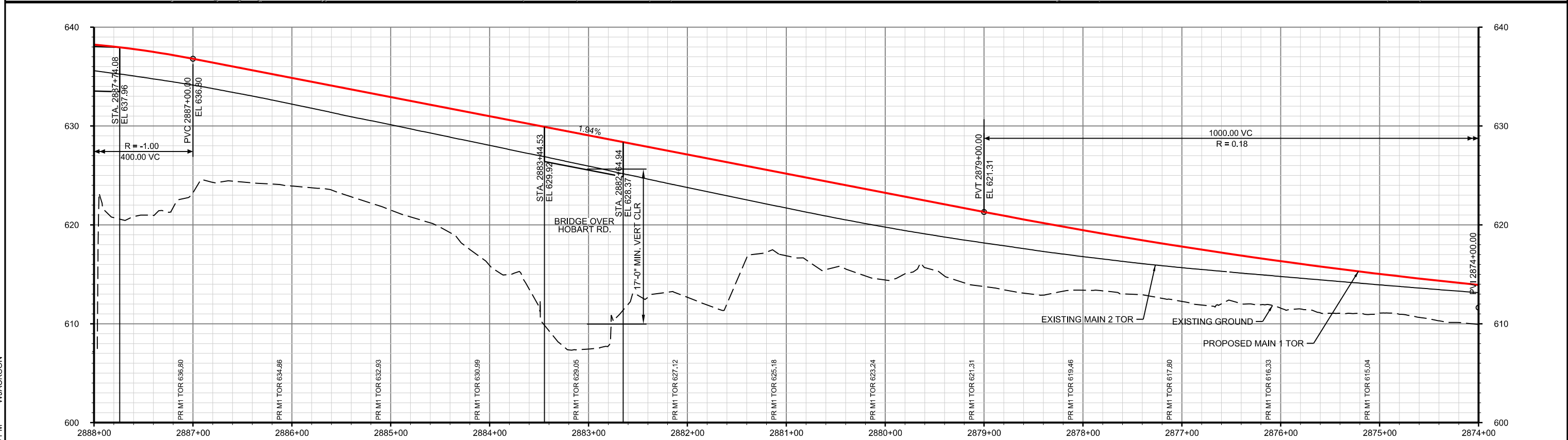
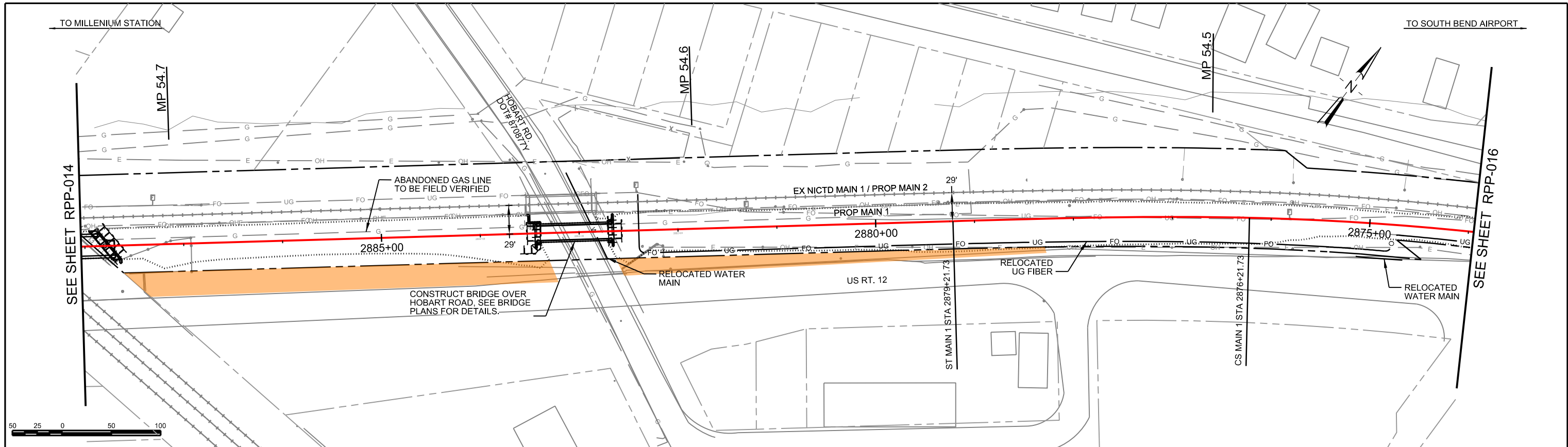
NOT FOR CONSTRUCTION SERIES RPP-014 OF RPP-138

PLOT DATE: 5/16/2017 4:04:02 PM WJACKSON

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

DESIGNED:	PEI-KEK
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	023 OF 193
SCALE	AS NOTED		



PROP MAIN 1 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-015 OF RPP-138

PLOT DATE: 5/16/2017 4:04:05 PM WJACKSON

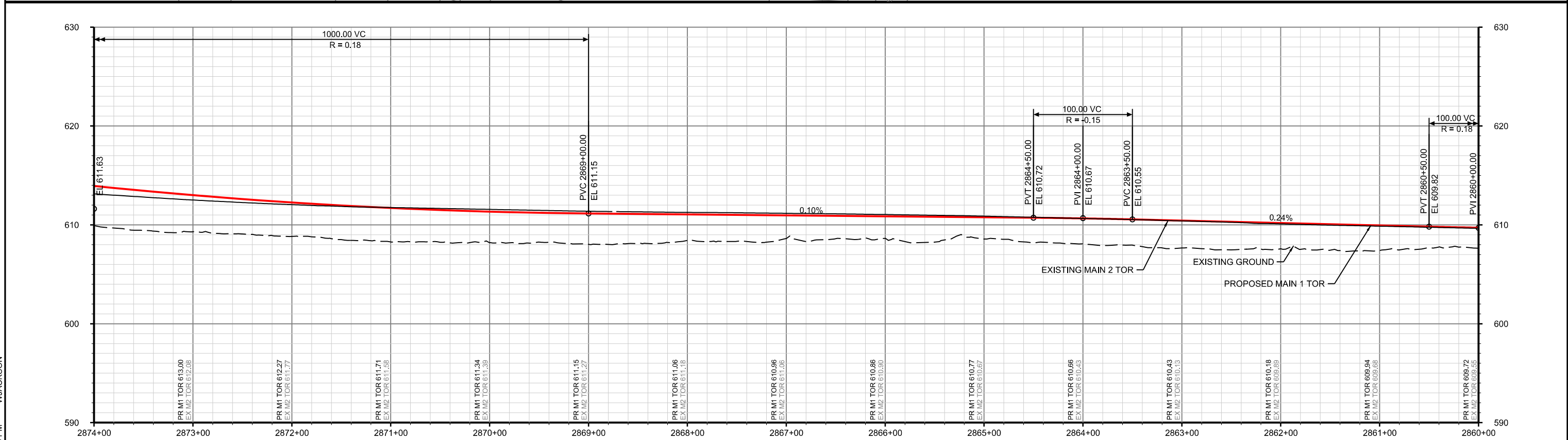
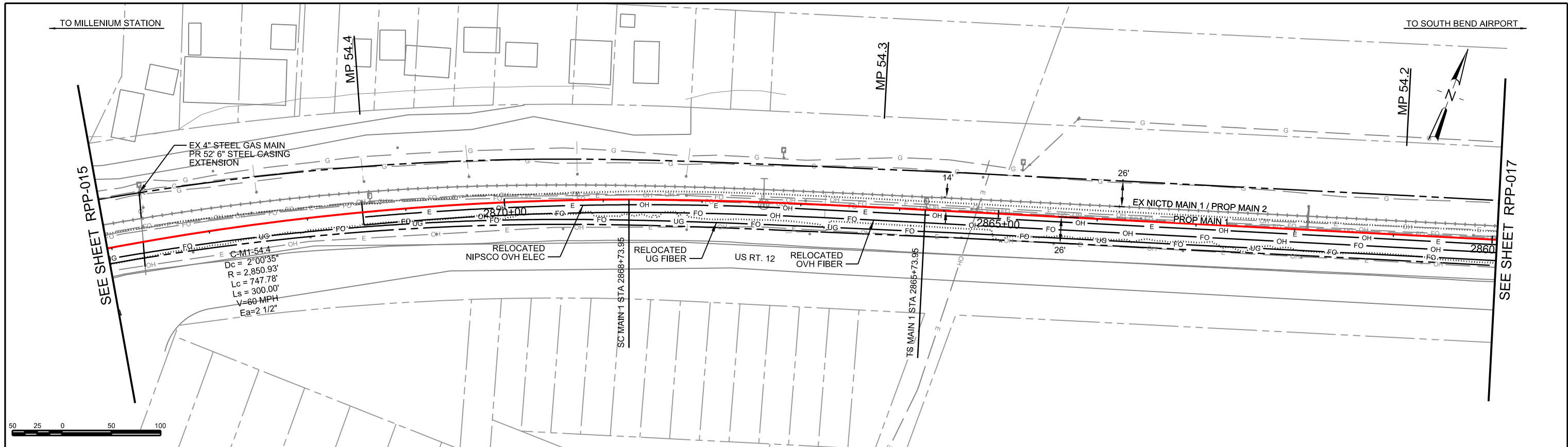


ISSUE	DATE	DESCRIPTION
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DESIGNED:	PEI-KEK
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	024 OF 193
SCALE	AS NOTED		

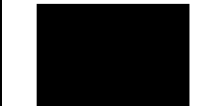


PROP MAIN 1 PROFILE

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ISSUE	DATE	DESCRIPTION
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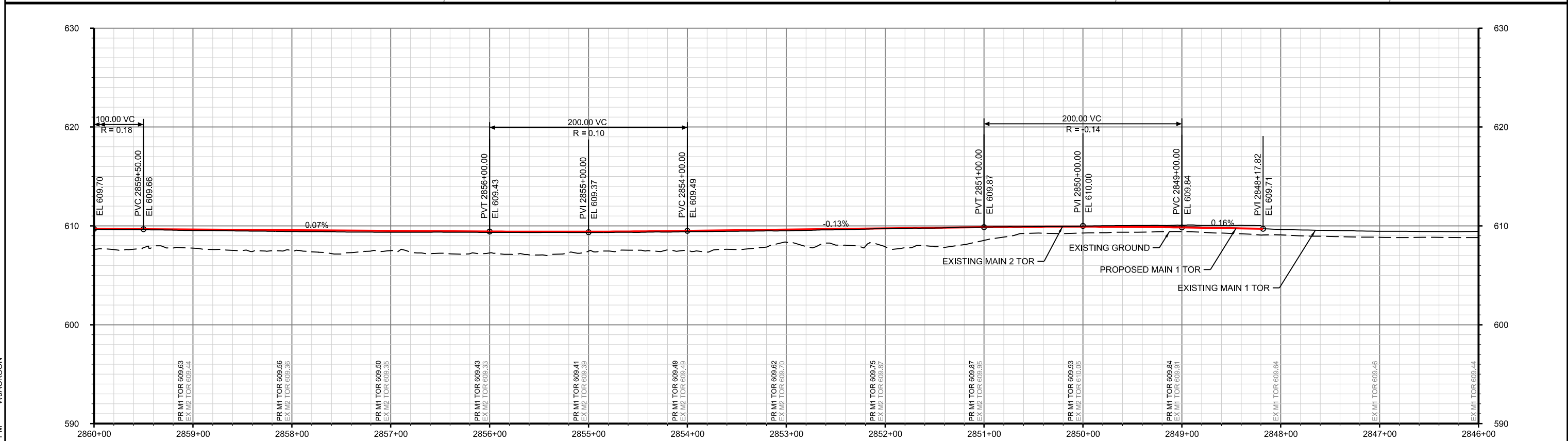
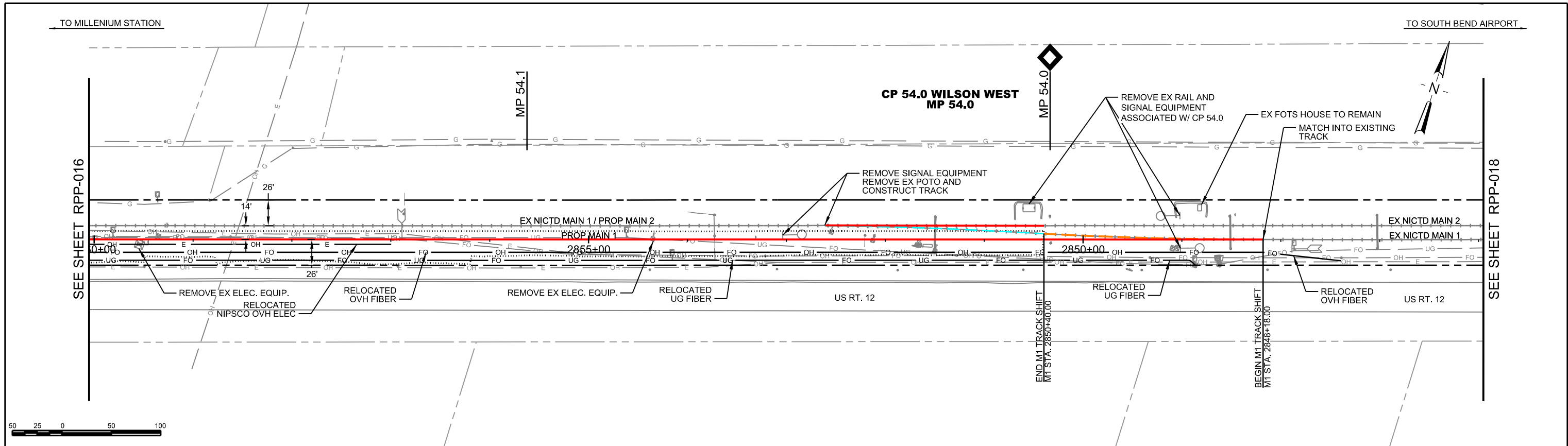
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TRANSPORTATION DISTRICT
33 East Highway 12
Chesterton, Indiana 46304

DOUBLE TRACK N·W·I
Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	PEI-KEK
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	025 OF 193
SCALE	AS NOTED		

PLOT DATE: 5/16/2017 4:04:08 PM WJACKSON



PROP MAIN 1 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-017 OF RPP-138

PLOT DATE: 5/16/2017 4:04:11 PM WJACKSON

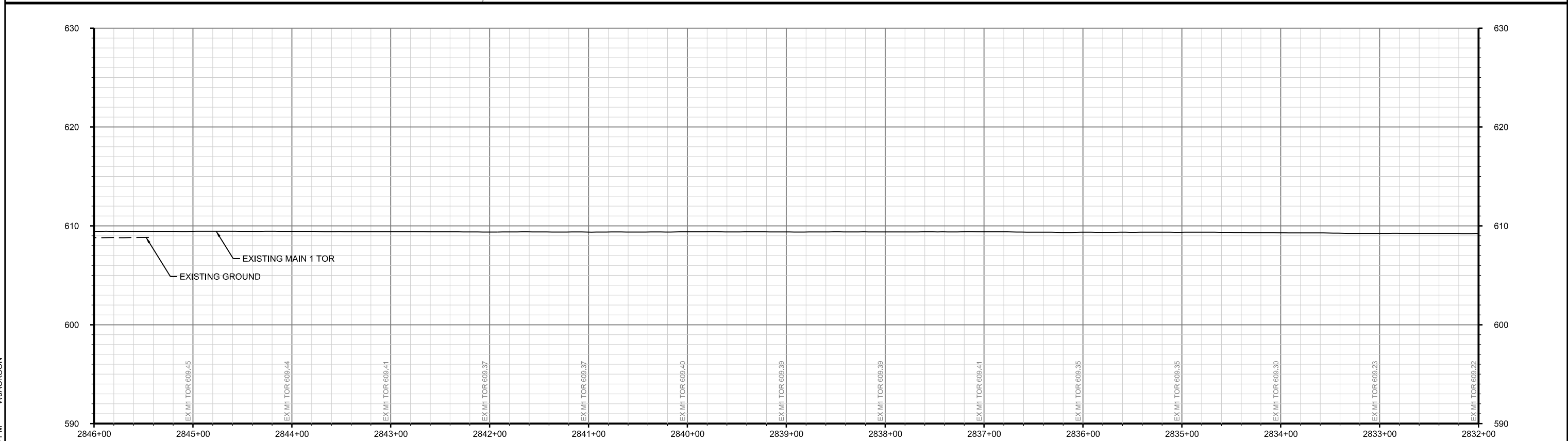
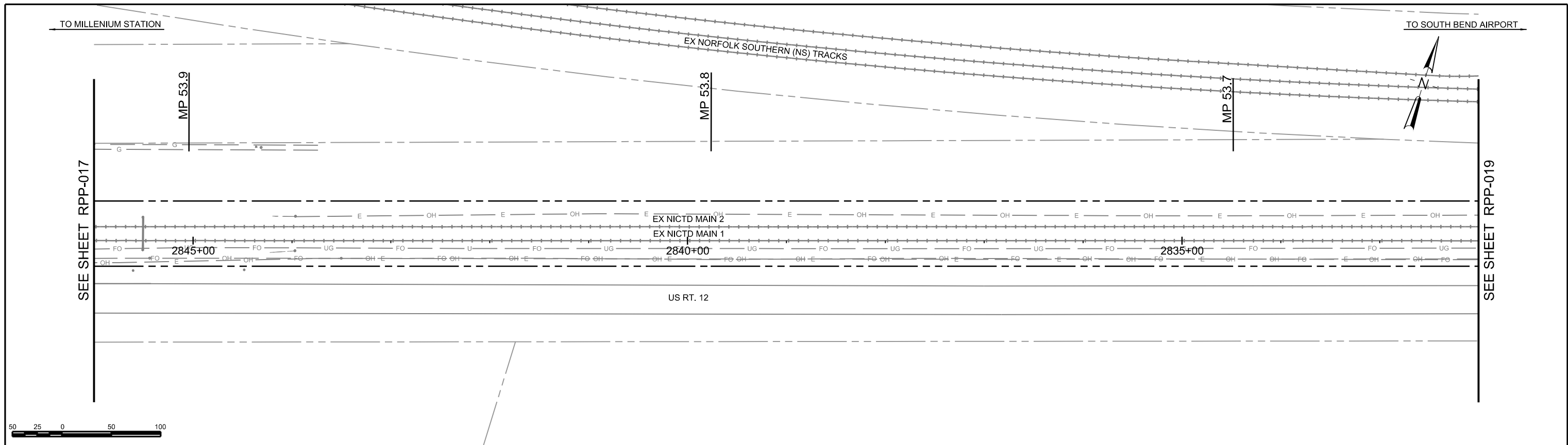


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-KEK
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NMI	
PLAN AND PROFILE STA 2846+00 TO 2860+00 MP 53.9 TO 54.2	
FILENAME	NICTD-R-ML01-PP-0
SCALE	AS NOTED
SHEET	026 OF 193



PROP MAIN 1 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-018 OF RPP-138

PLOT DATE: 5/16/2017 4:04:14 PM WJACKSON



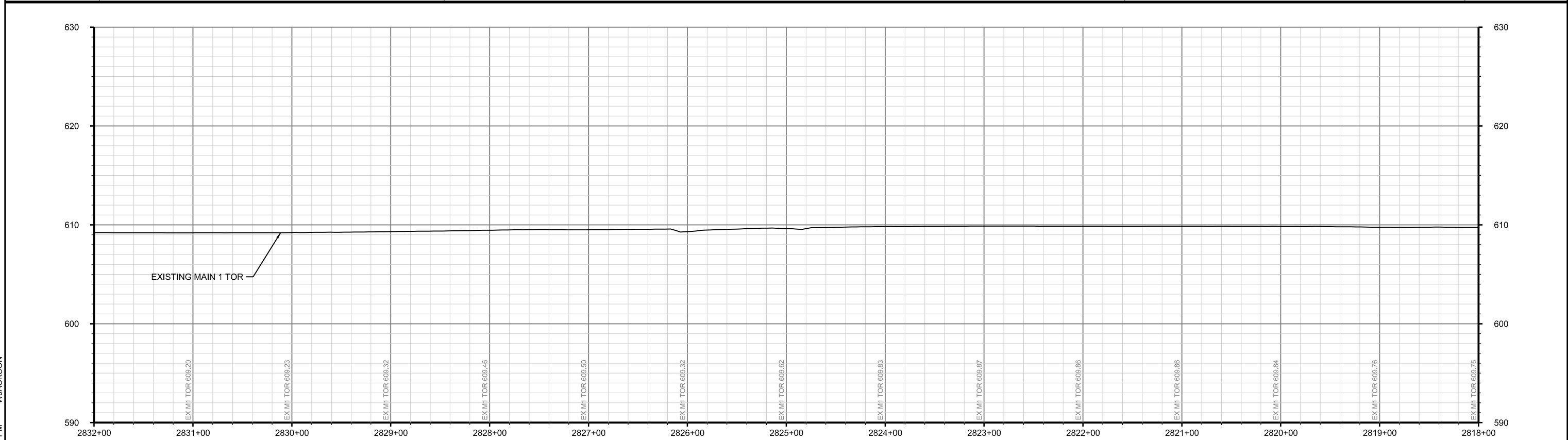
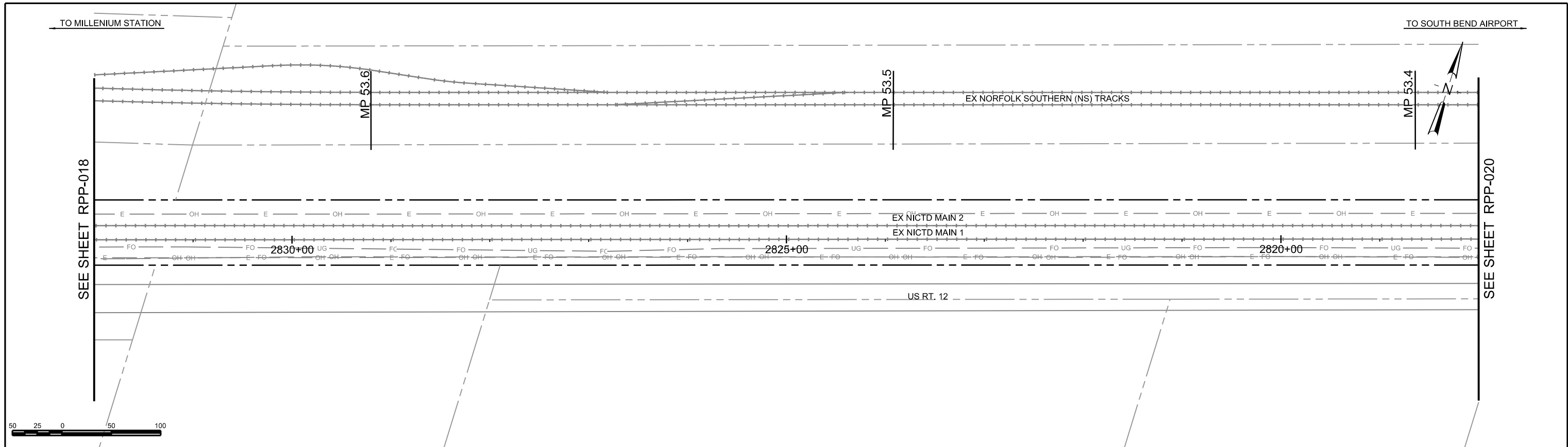
ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-KEK
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	027 OF 193
SCALE	AS NOTED		

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI
PLAN AND PROFILE
STA 2832+00 TO 2846+00
MP 53.7 TO 53.9

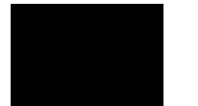


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ISSUE	DATE	DESCRIPTION
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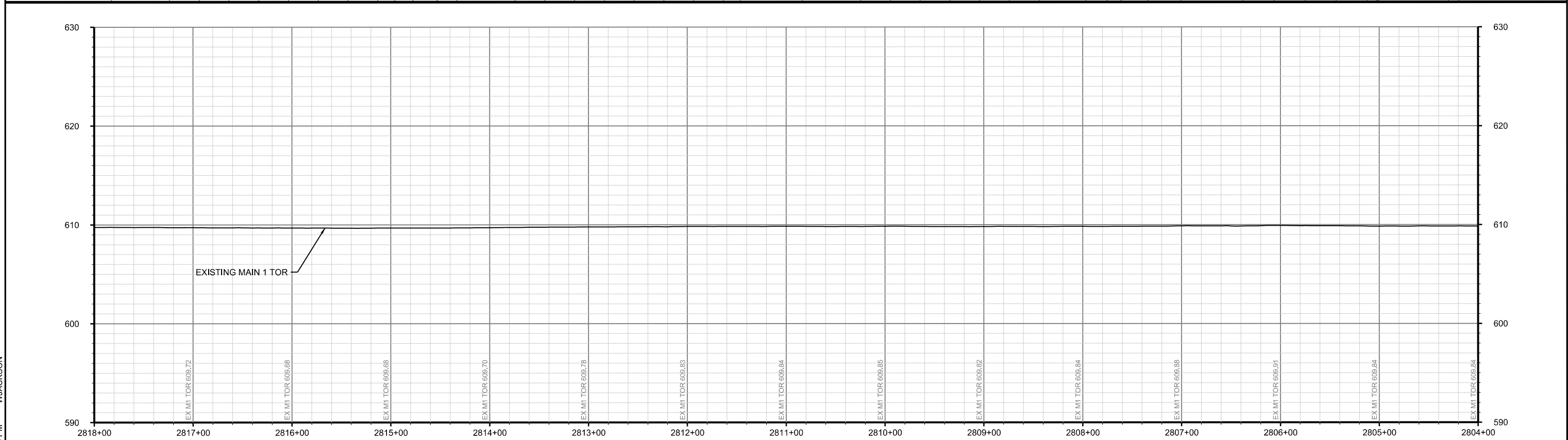
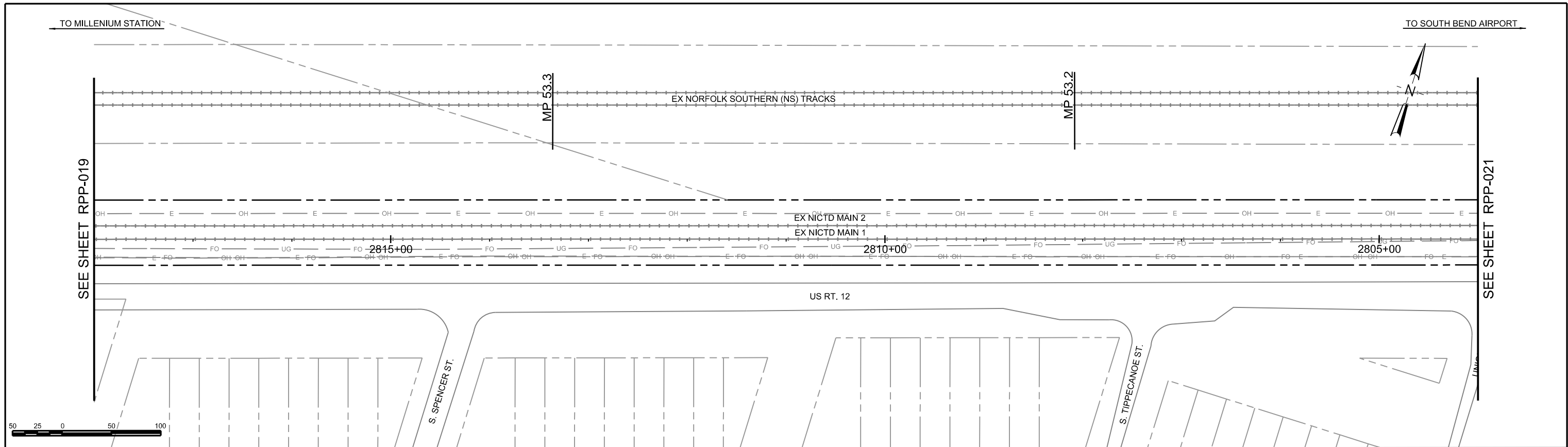


Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	PEI-KEK
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	028 OF 193
SCALE	AS NOTED		

PLOT DATE: 5/16/2017 4:04:17 PM WJACKSON



PROP MAIN 1 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-020 OF RPP-138

DESIGNED: PEI-KEK
 DRAWN: PEI-ALH
 CHECKED: PEI-SPH
 DATE: MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
 DOUBLE TRACK-NWI
PLAN AND PROFILE
 STA 2804+00 TP 2818+00
 MP 53.1 TO 53.4

FILENAME: NICTD-R-ML01-PP-0 SHEET: 029 OF 193
 SCALE: AS NOTED

PLOT DATE: 5/16/2017 4:04:20 PM WJACKSON

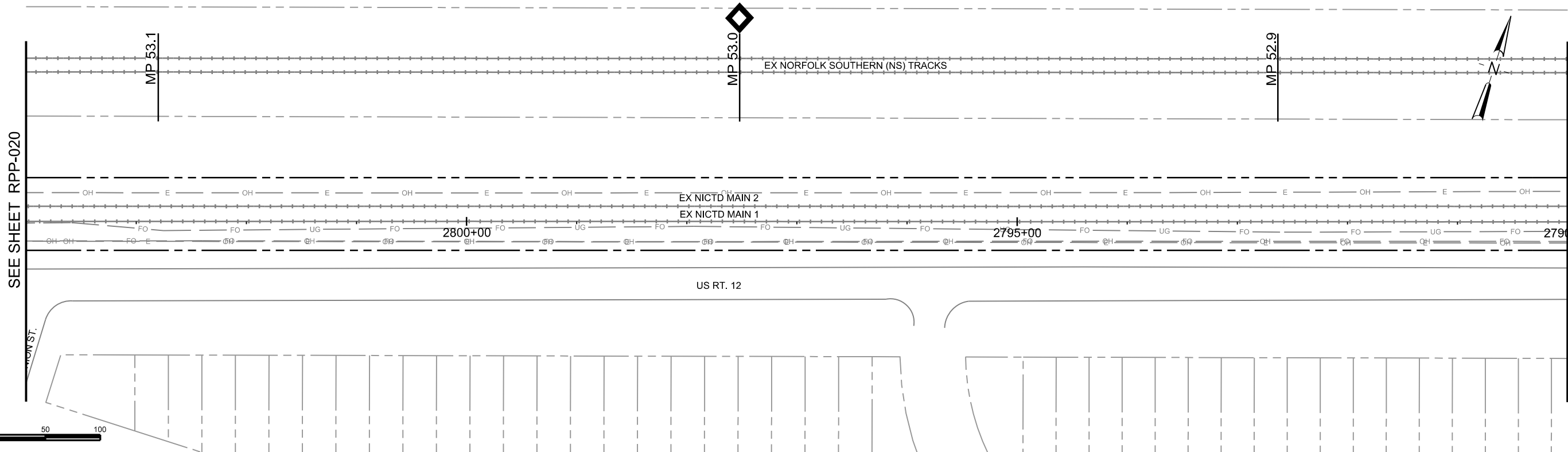


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



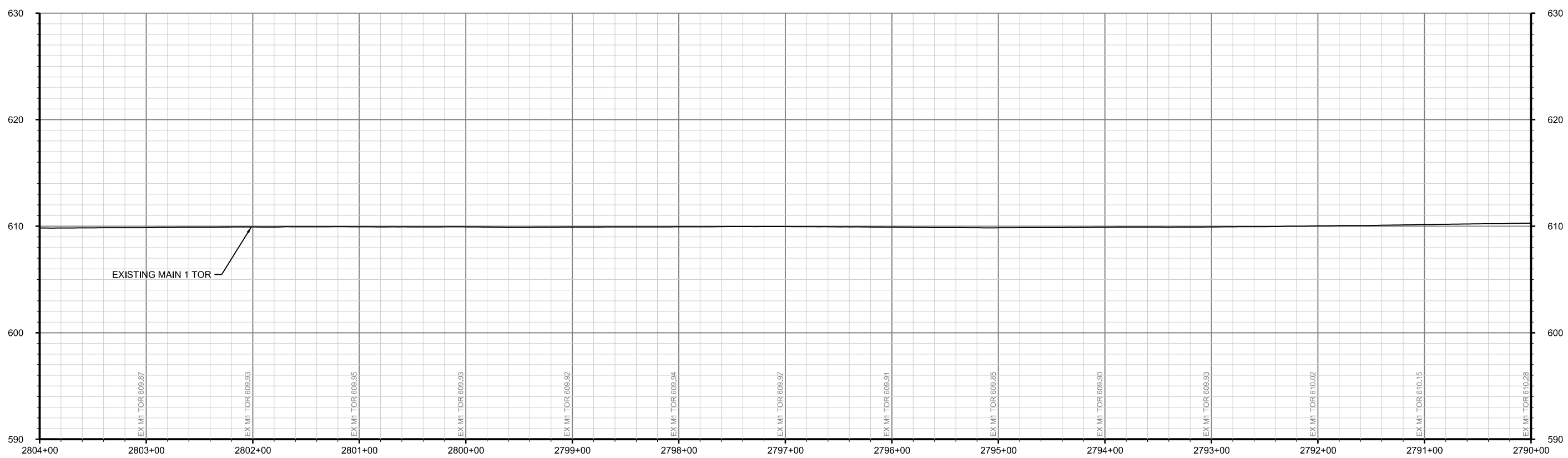
TO MILLENIUM STATION

TO SOUTH BEND AIRPORT



SEE SHEET RPP-020

SEE SHEET RPP-022



PROP MAIN 1 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-021 OF RPP-138



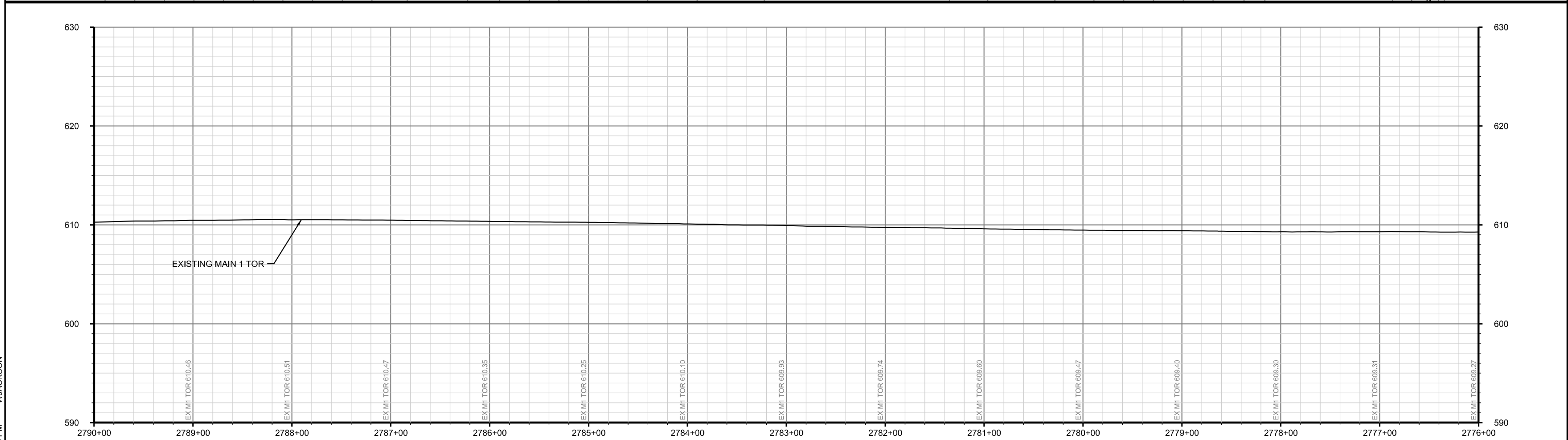
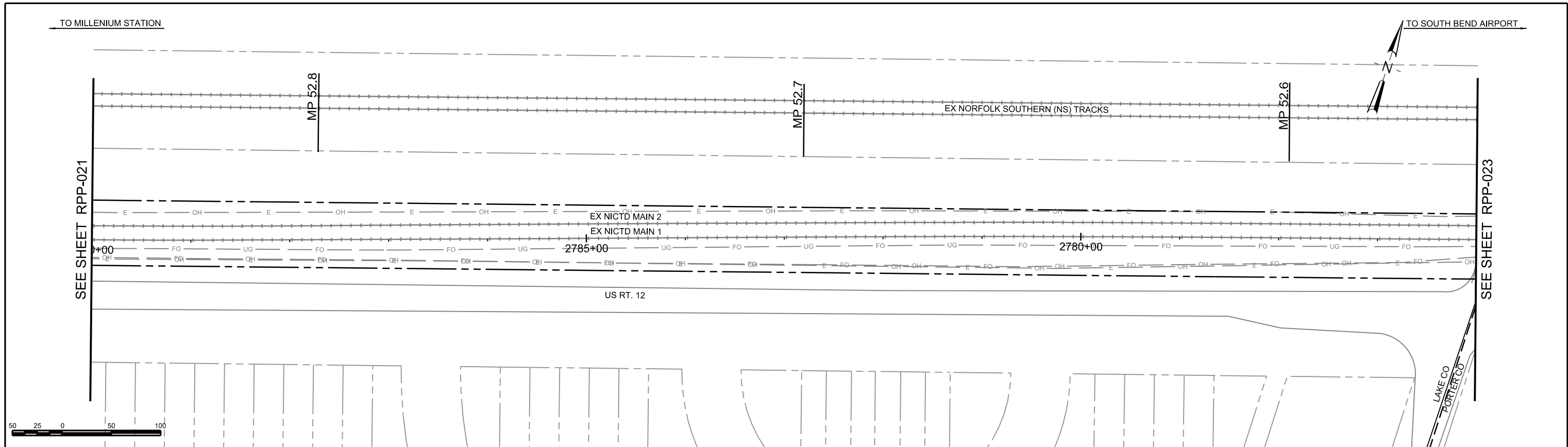
ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-DJS
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	030 OF 193
SCALE	AS NOTED		

PLOT DATE: 5/16/2017 4:04:22 PM WJACKSON



PROP MAIN 1 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-022 OF RPP-138



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0	05/12/2017	FINAL PRELIMINARY DESIGN



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Chesterton, Indiana 46304

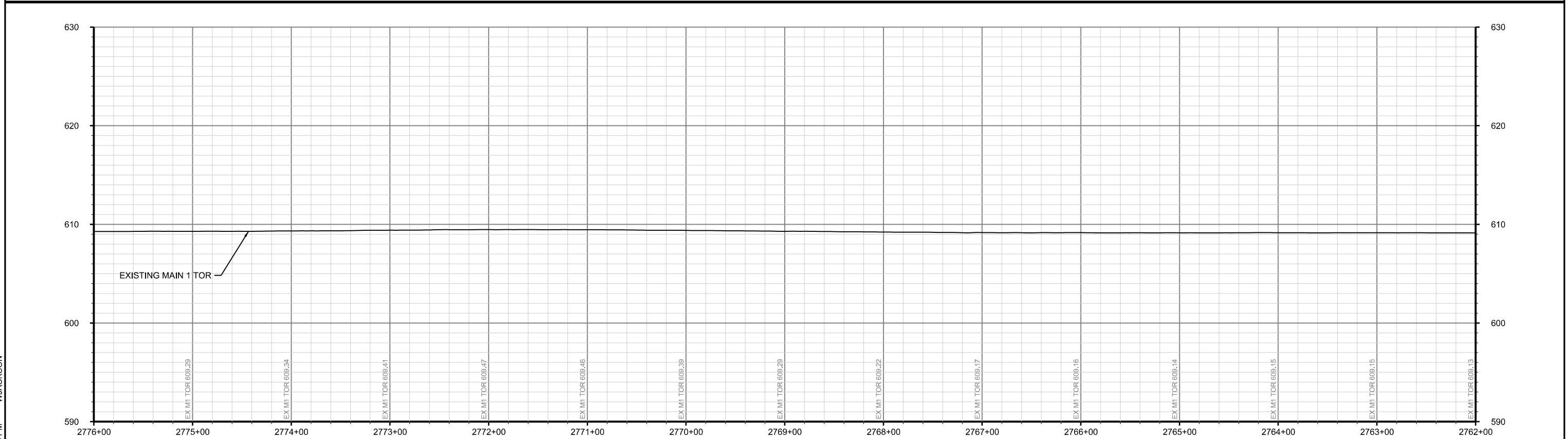
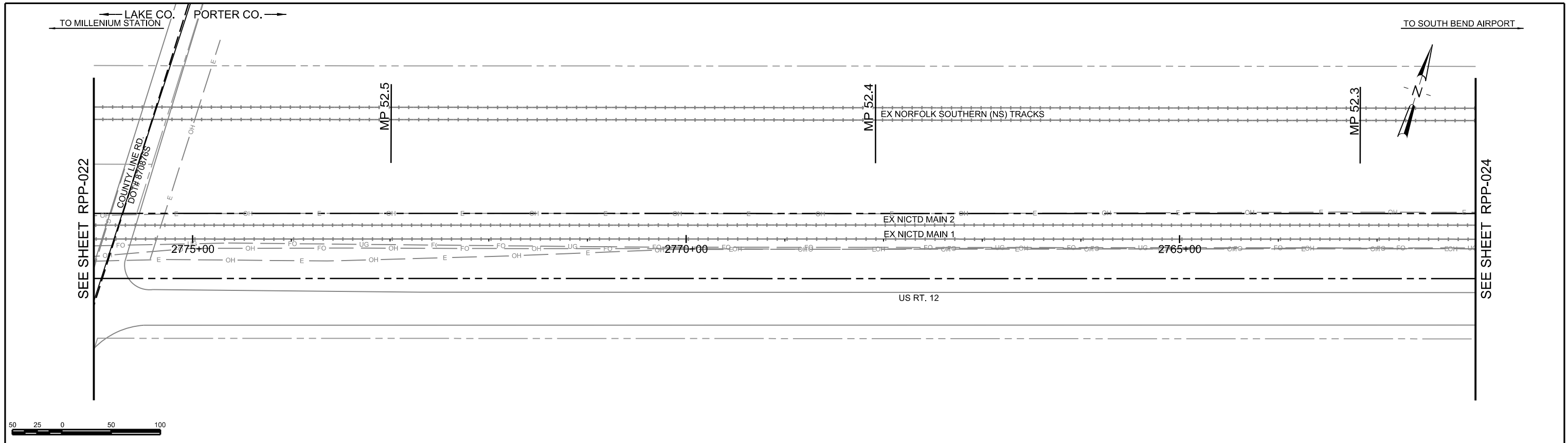


MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	PEI-DJS
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	031 OF 193
SCALE	AS NOTED		

PLOT DATE: 5/16/2017 4:04:25 PM WJACKSON



PROP MAIN 1 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-023 OF RPP-138



DESIGNED:	PEH-DJS
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	032 OF 193
SCALE	AS NOTED		

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

PLOT DATE: 5/16/2017 4:04:28 PM WJACKSON

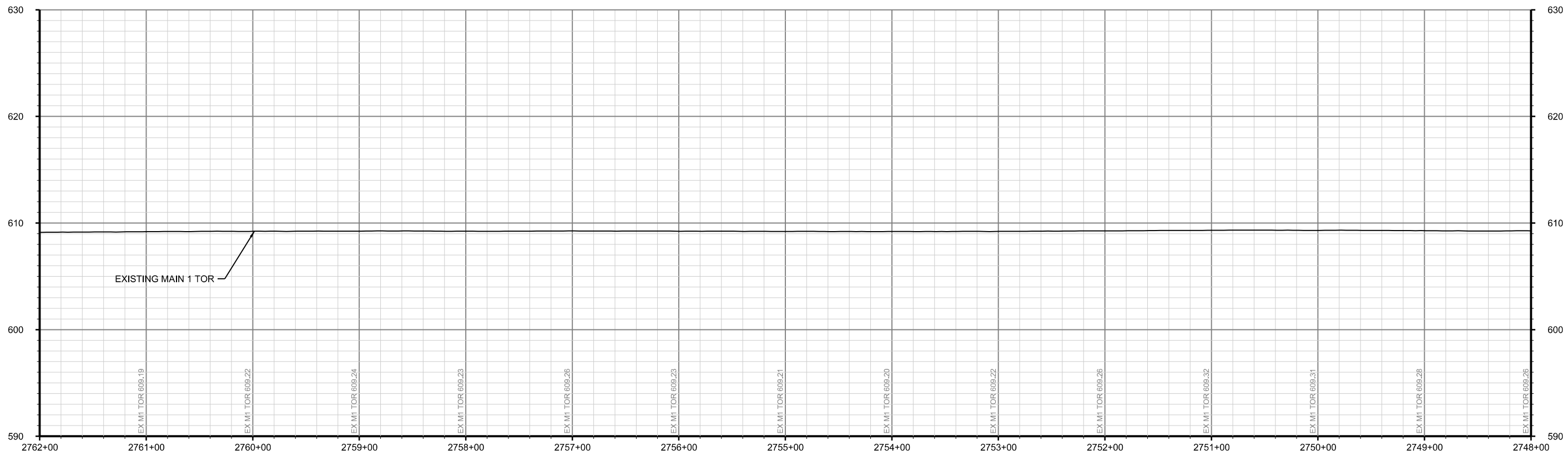
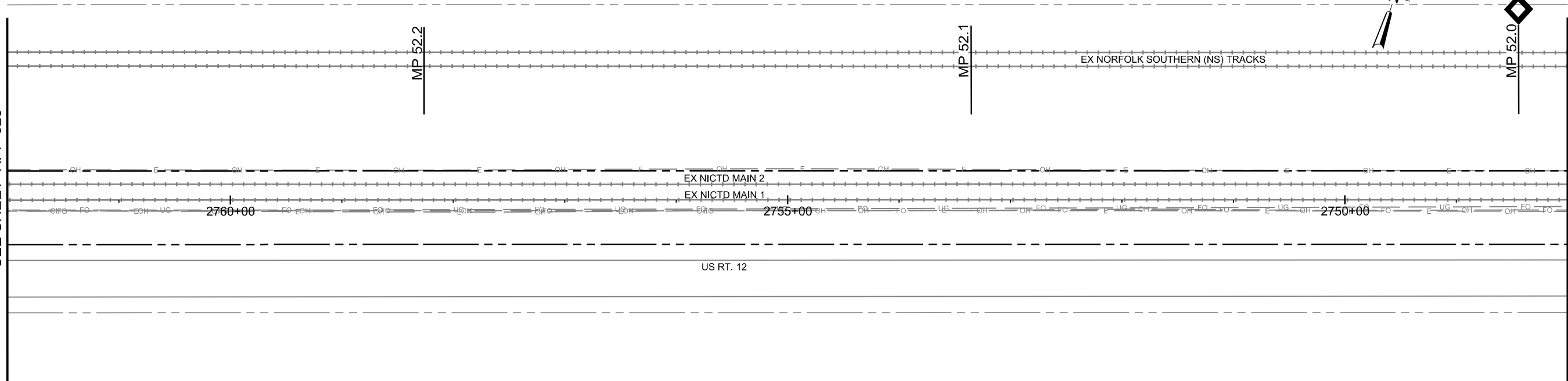
TO MILLENIUM STATION

TO SOUTH BEND AIRPORT



SEE SHEET RPP-023

SEE SHEET RPP-025



PROP MAIN 1 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-024 OF RPP-138



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ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



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TRANSPORTATION DISTRICT
33 East Highway 12
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MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	PEI-DJS
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	033 OF 193
SCALE	AS NOTED		

PLOT DATE: 5/16/2017 4:04:31 PM WJACKSON

TO MILLENIUM STATION

TO SOUTH BEND AIRPORT



SEE SHEET RPP-024

SEE SHEET RPP-026

MP 51.9

MP 51.8

EX NORFOLK SOUTHERN (NS) TRACKS

EX NICTD MAIN 2

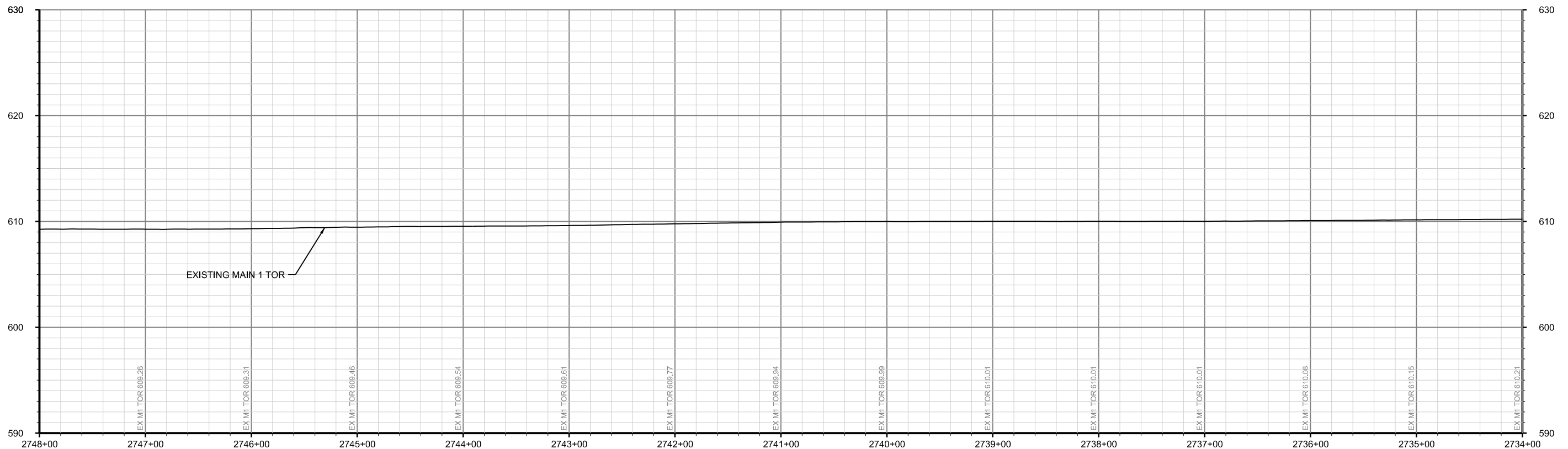
EX NICTD MAIN 1

2745+00

2740+00

2735+00

US RT. 12

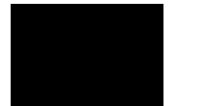


PROP MAIN 1 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-025 OF RPP-138



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Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	PEI-DJS
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	034 OF 193
SCALE	AS NOTED		

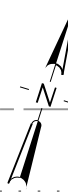
PLOT DATE: 5/16/2017 4:04:34 PM WJACKSON

TO MILLENIUM STATION

TO SOUTH BEND AIRPORT

SEE SHEET RPP-025

SEE SHEET RPP-027



MP 51.7

EX NORFOLK SOUTHERN (NS) TRACKS

MP 51.6

CP 51.5 PAUL'S
MP 51.5

MP 51.5

CP51.5

EX NICTD MAIN 2

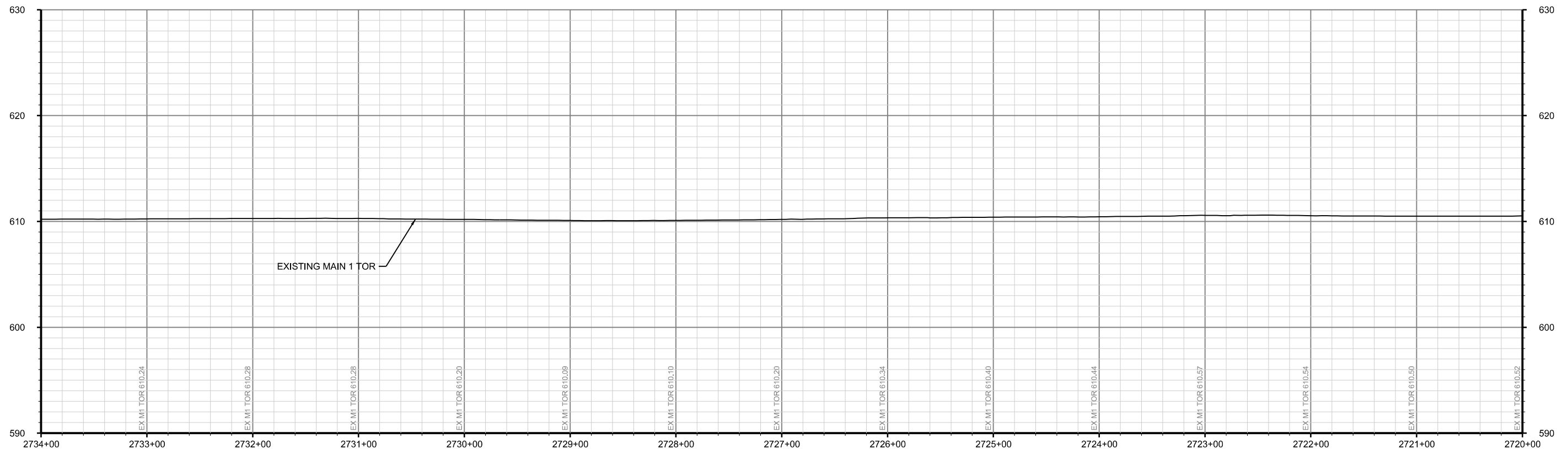
EX NICTD MAIN 1

2730+00

2725+00

2720+00

US RT. 12



PROP MAIN 1 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-026 OF RPP-138



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ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



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Chesterton, Indiana 46304

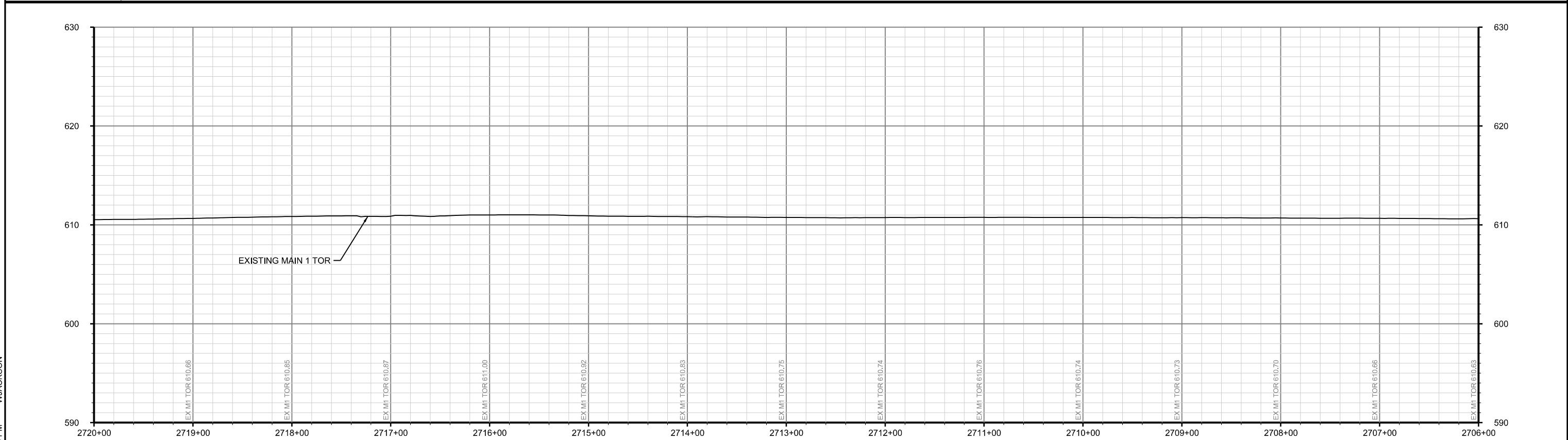
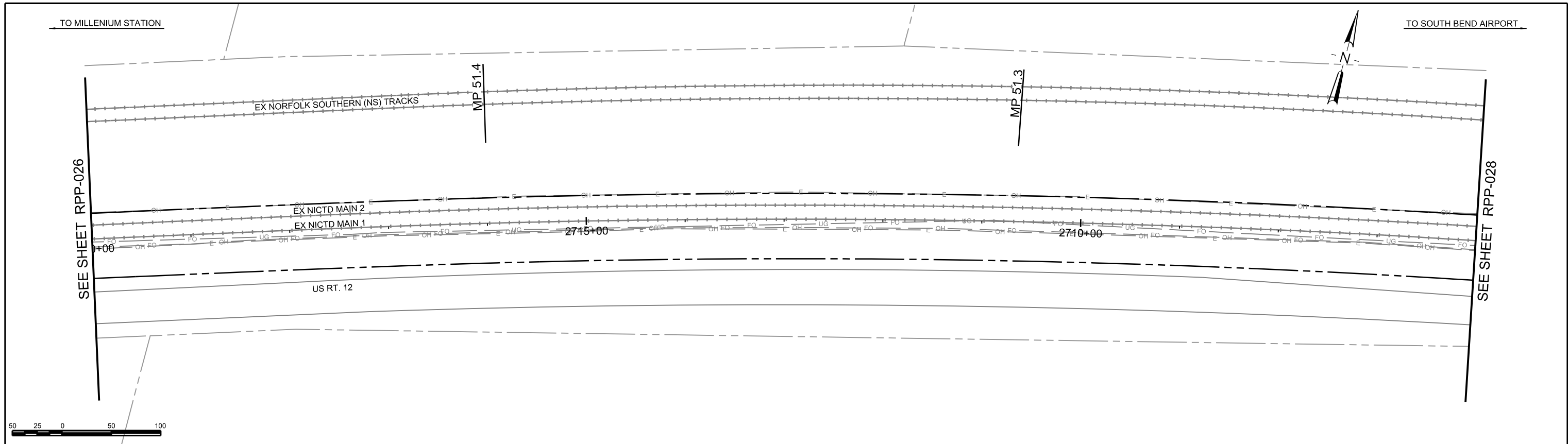


MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	PEI-DJS
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	035 OF 193
SCALE	AS NOTED		

PLOT DATE: 5/16/2017 4:04:37 PM WJACKSON



PROP MAIN 1 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-027 OF RPP-138



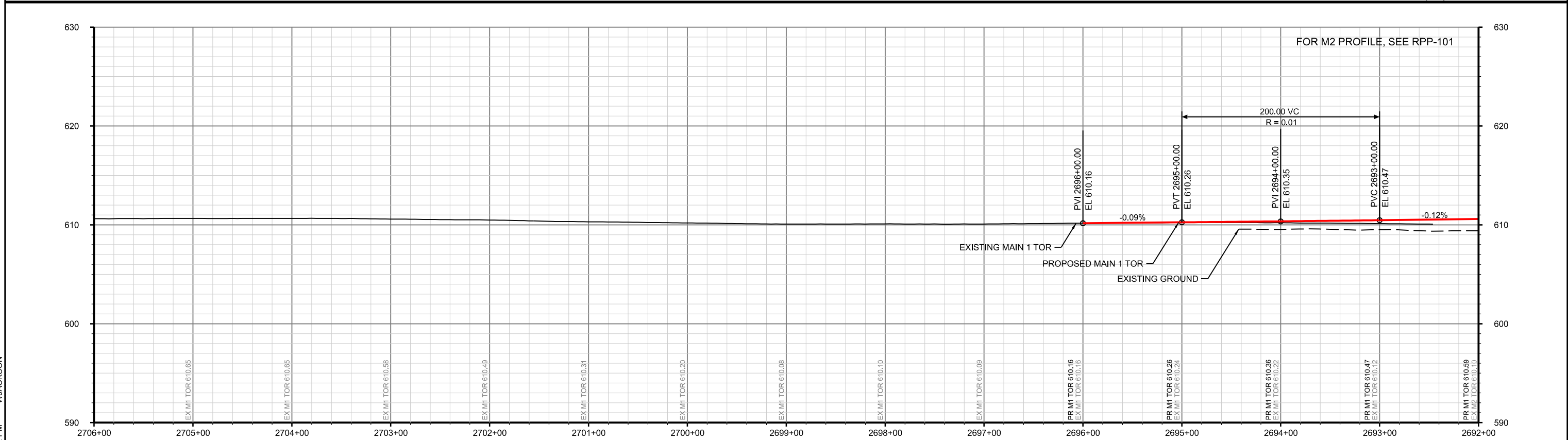
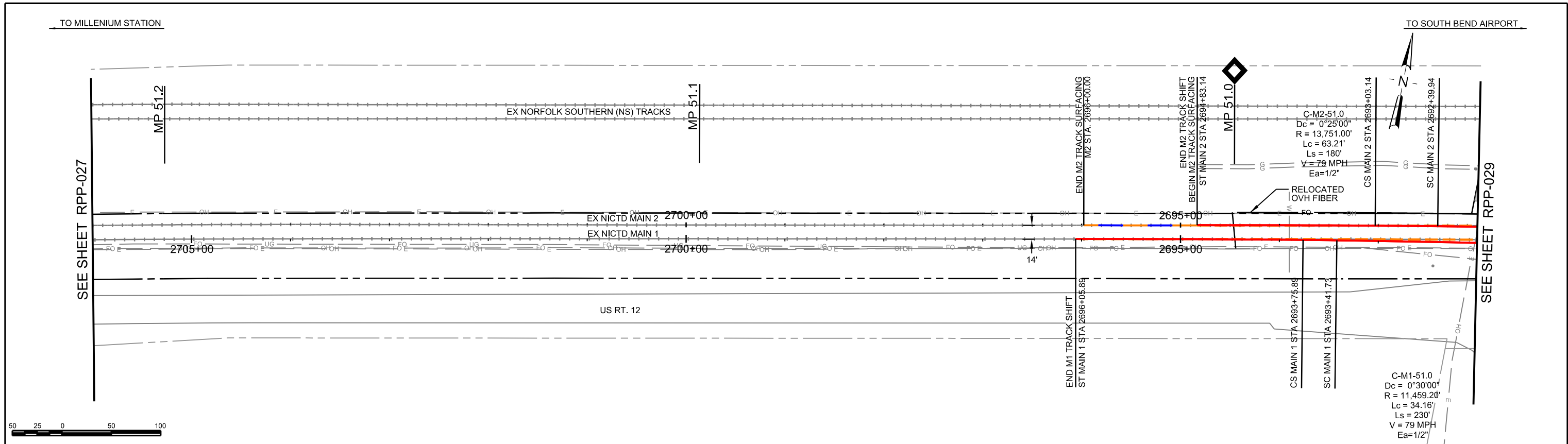
ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-DJS
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	036 OF 193
SCALE	AS NOTED		

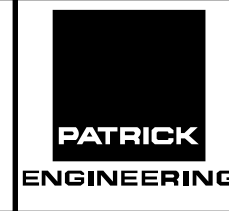
PLOT DATE: 5/16/2017 4:04:40 PM WJACKSON



PROP MAIN 1 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-028 OF RPP-138

PLOT DATE: 5/16/2017 4:04:42 PM WJACKSON

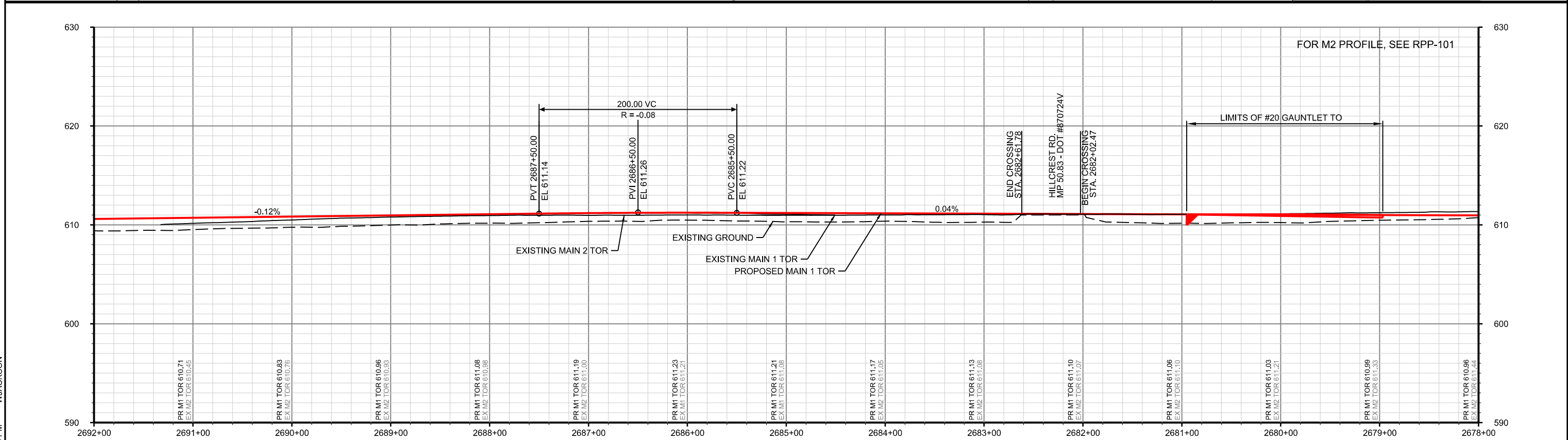
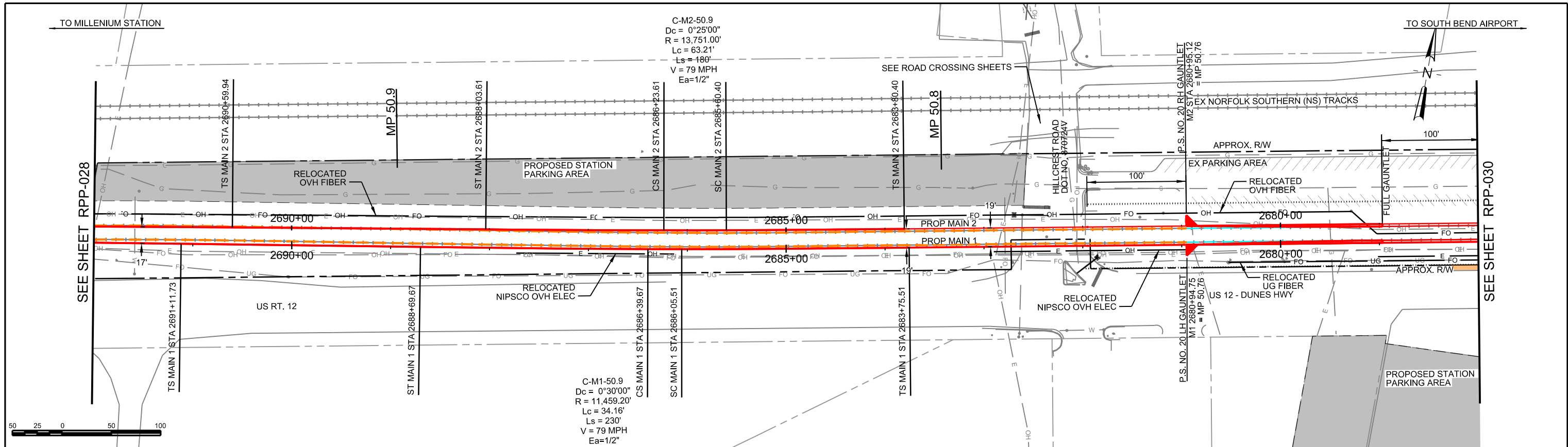


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEH-DJS
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	037 OF 193
SCALE	AS NOTED		



PROP MAIN 1 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-029 OF RPP-138

PLOT DATE: 5/16/2017 4:04:45 PM WJACKSON

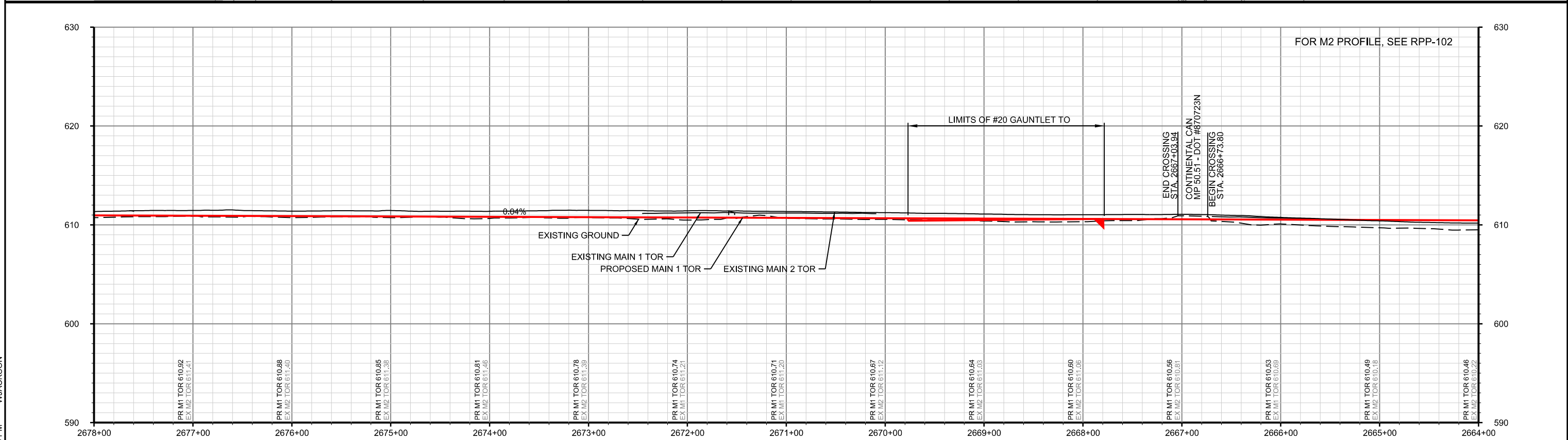
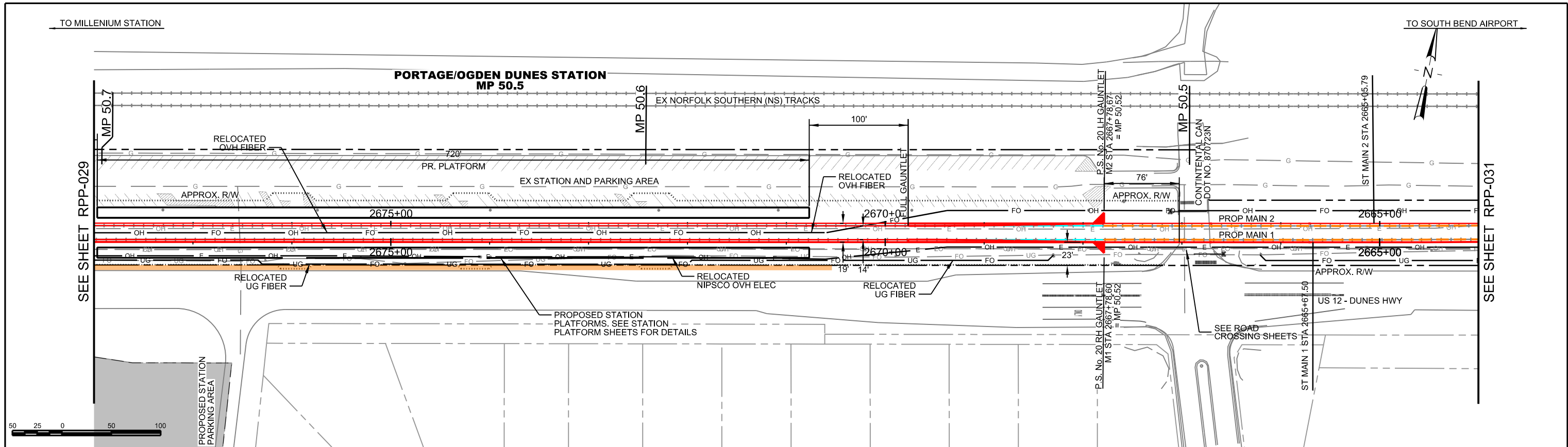


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-DJS
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	038 OF 193
SCALE	AS NOTED		



PROP MAIN 1 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-030 OF RPP-138



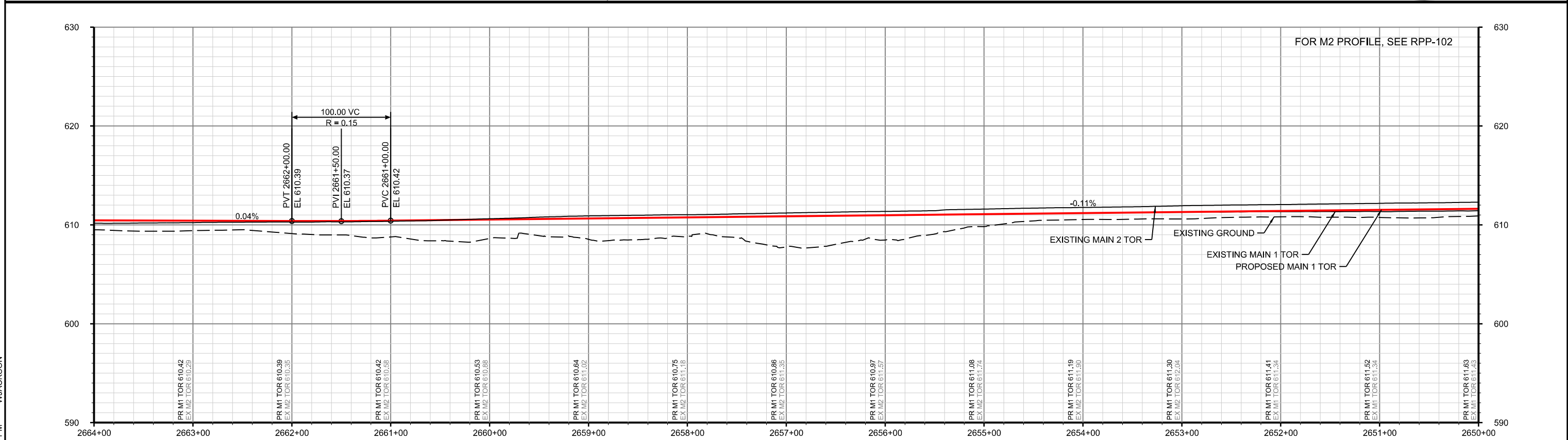
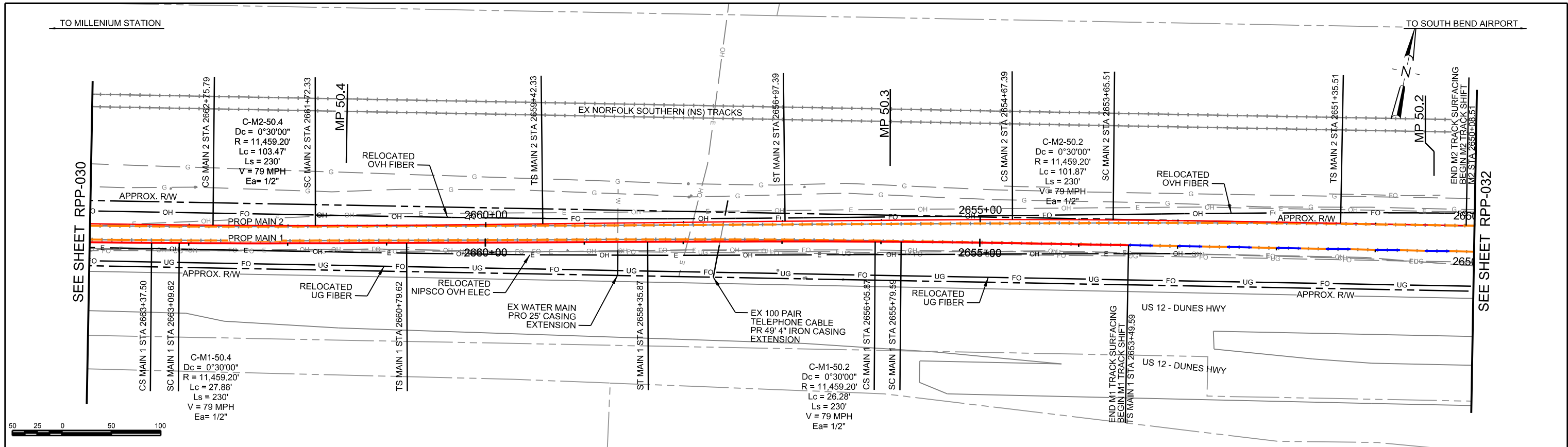
ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-DJS
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	039 OF 193
SCALE	AS NOTED		

PLOT DATE: 5/16/2017 4:04:48 PM WJACKSON



PROP MAIN 1 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-031 OF RPP-138

PLOT DATE: 5/16/2017 4:04:51 PM WJACKSON

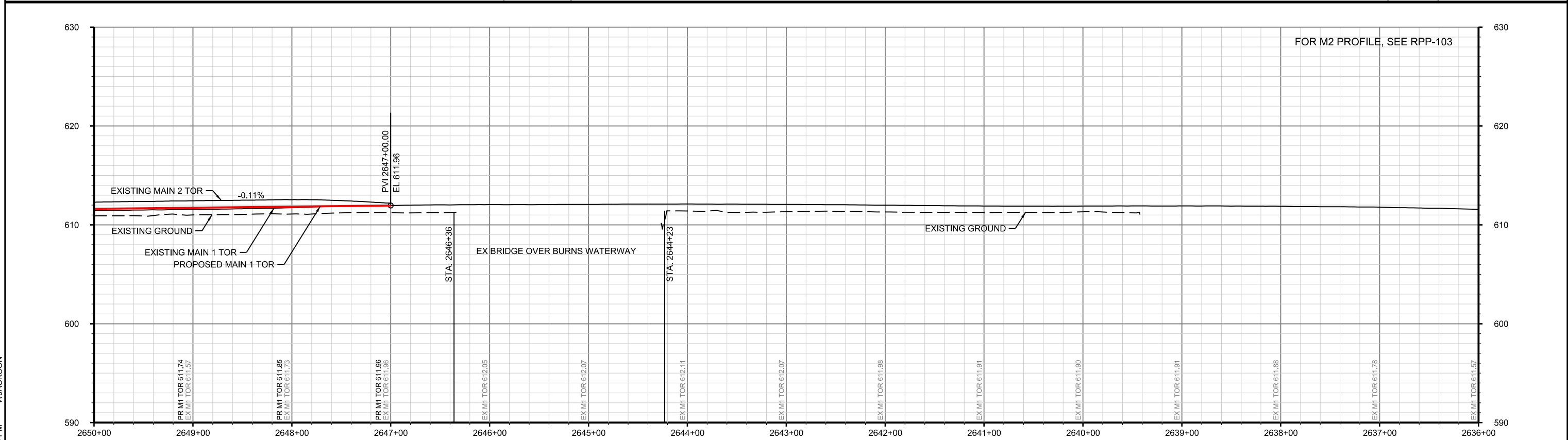
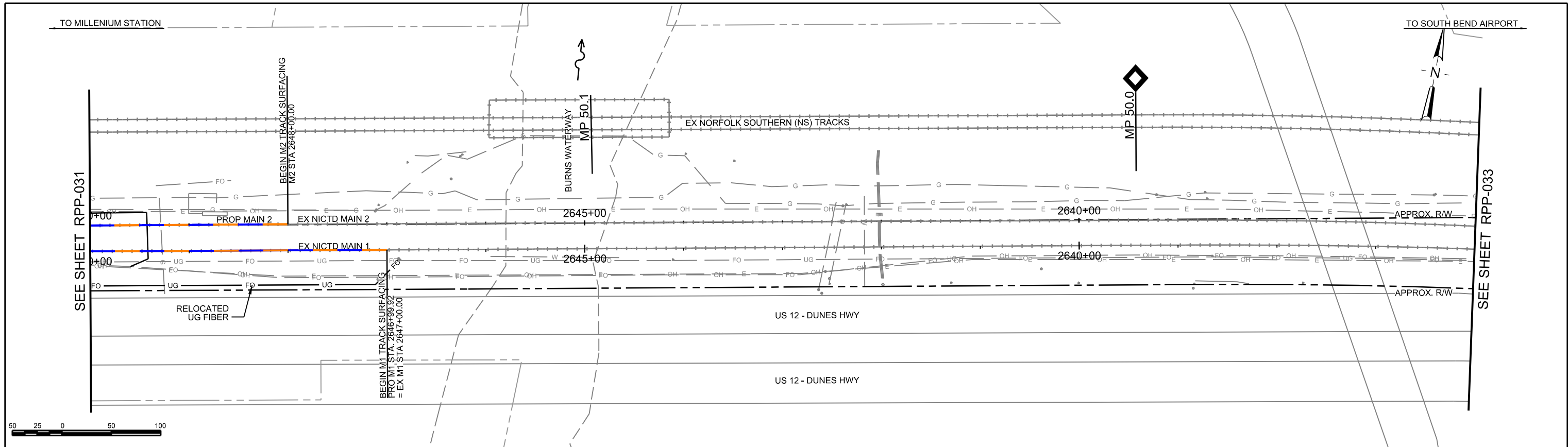


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-DJS
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	040 OF 193
SCALE	AS NOTED		



PROP MAIN 1 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-032 OF RPP-138

DESIGNED: PEH-DJS
DRAWN: PEI-ALH
CHECKED: PEI-SPH
DATE: MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NMI
PLAN AND PROFILE
STA 2636+00 TO 2650+00
MP 49.9 TO 50.2

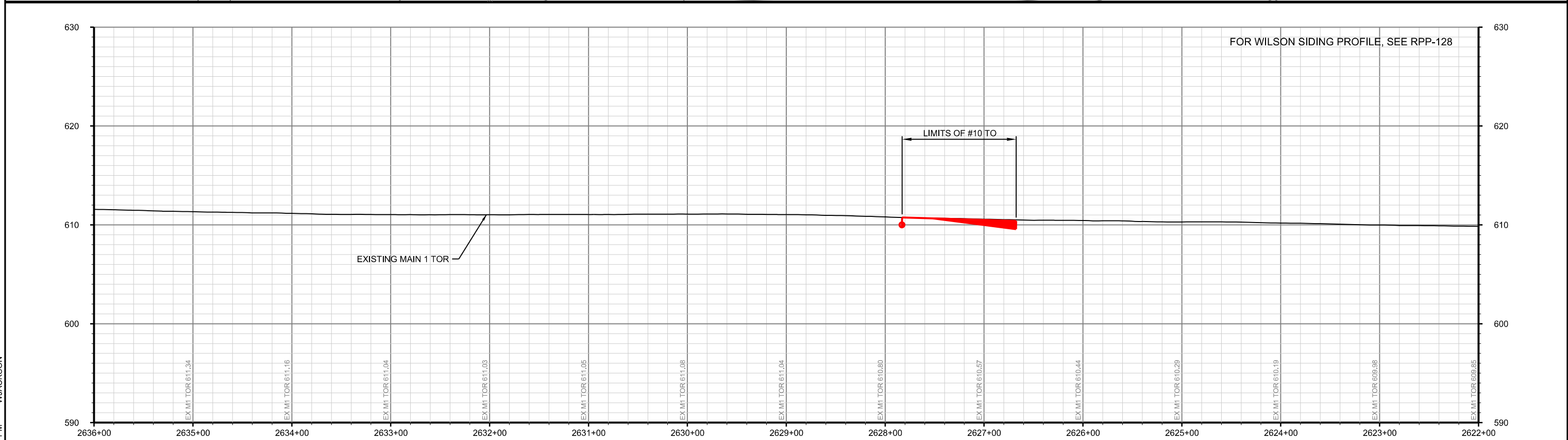
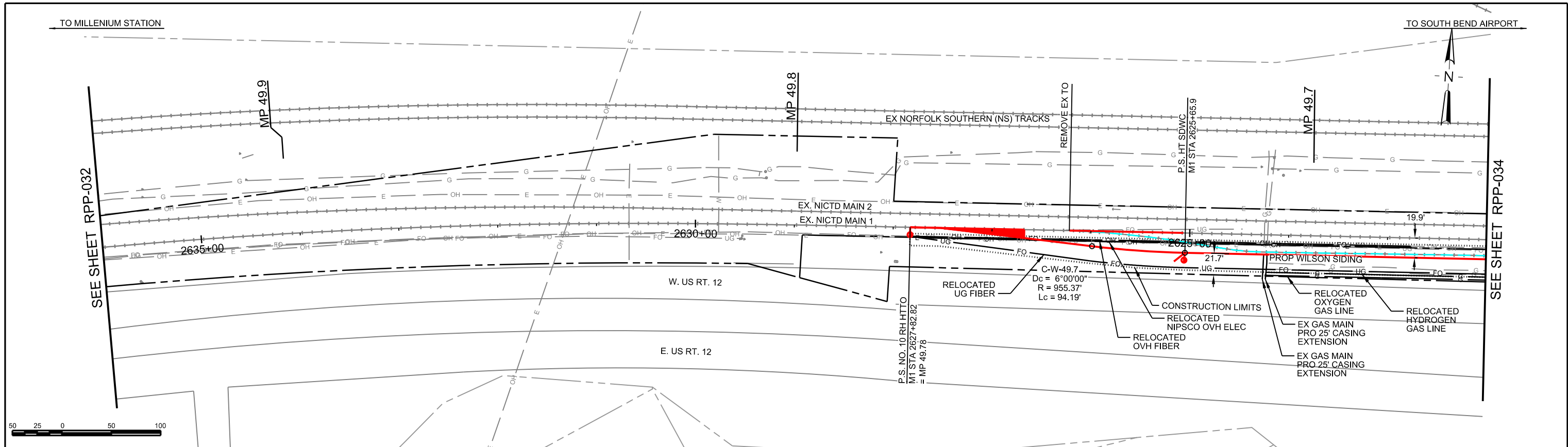
FILENAME: NICTD-R-ML01-PP-0 SHEET: 041 OF 193
SCALE: AS NOTED

PLOT DATE: 5/16/2017 4:04:54 PM WJACKSON



ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN





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0	05/12/2017	FINAL PRELIMINARY DESIGN



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33 East Highway 12
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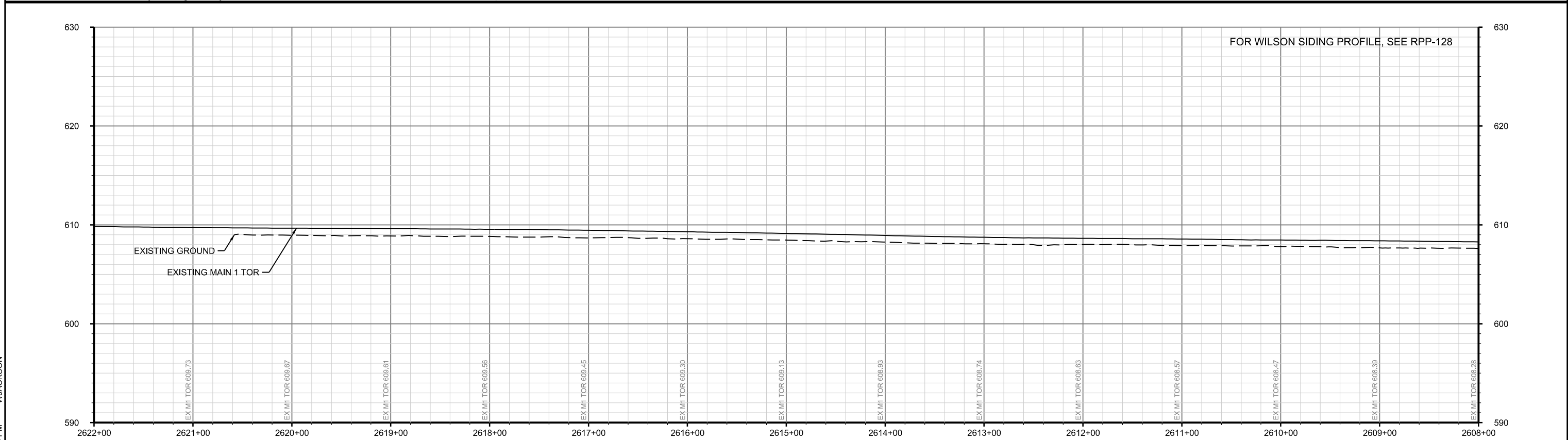
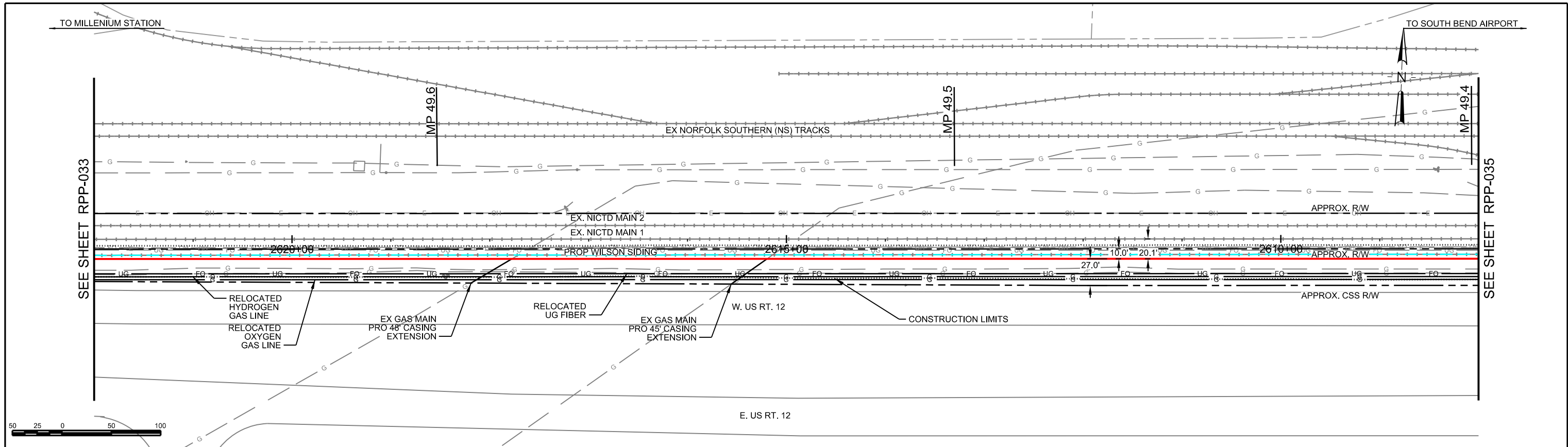


MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	PEH-DJS
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

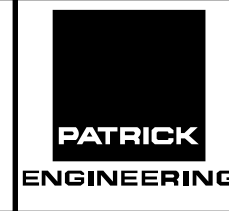
FILENAME	NICTD-R-ML01-PP-0	SHEET	042 OF 193
SCALE	AS NOTED		

PLOT DATE: 5/16/2017 4:04:57 PM WJACKSON



PLOT DATE: 5/16/2017 4:05:00 PM WJACKSON

NOT FOR CONSTRUCTION SERIES RPP-034 OF RPP-138

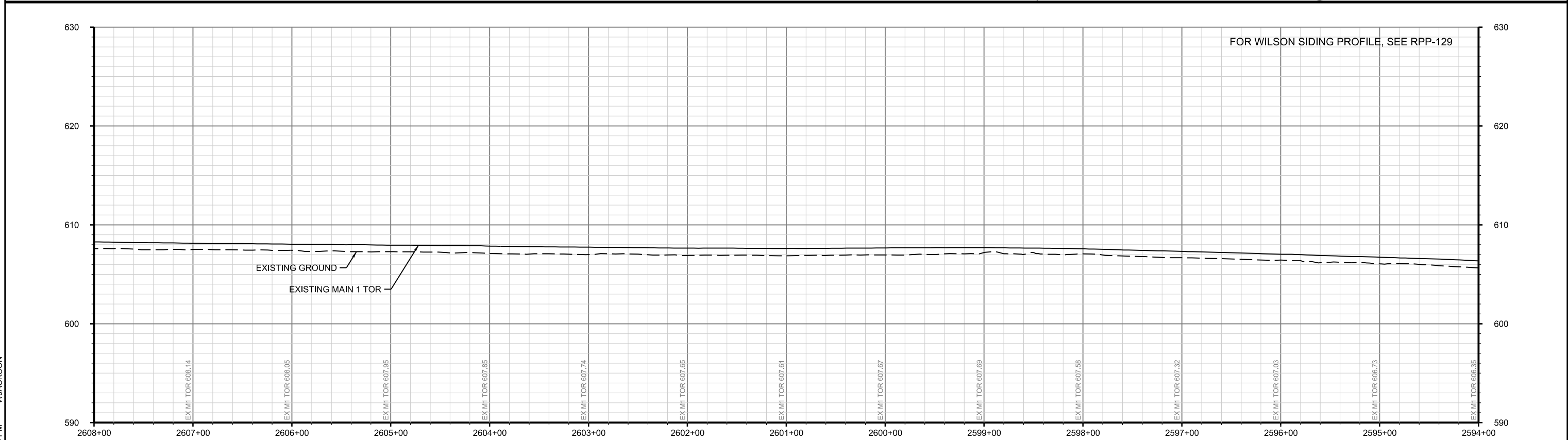
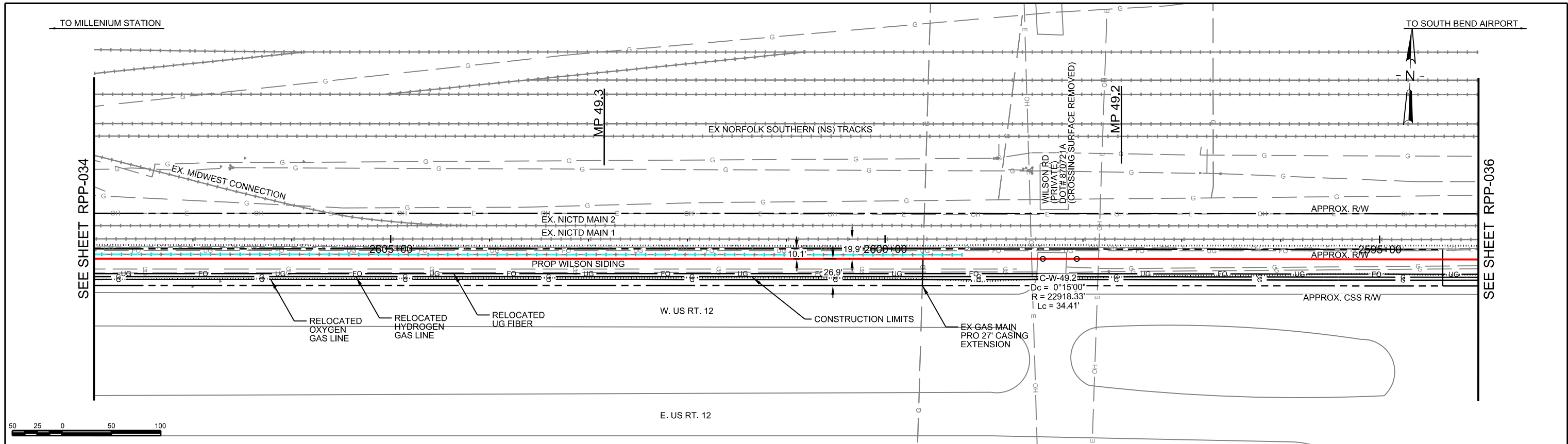


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-DJS
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	043 OF 193
SCALE	AS NOTED		



PROP MAIN 1 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-035 OF RPP-138

PLOT DATE: 5/16/2017 4:05:03 PM WJACKSON

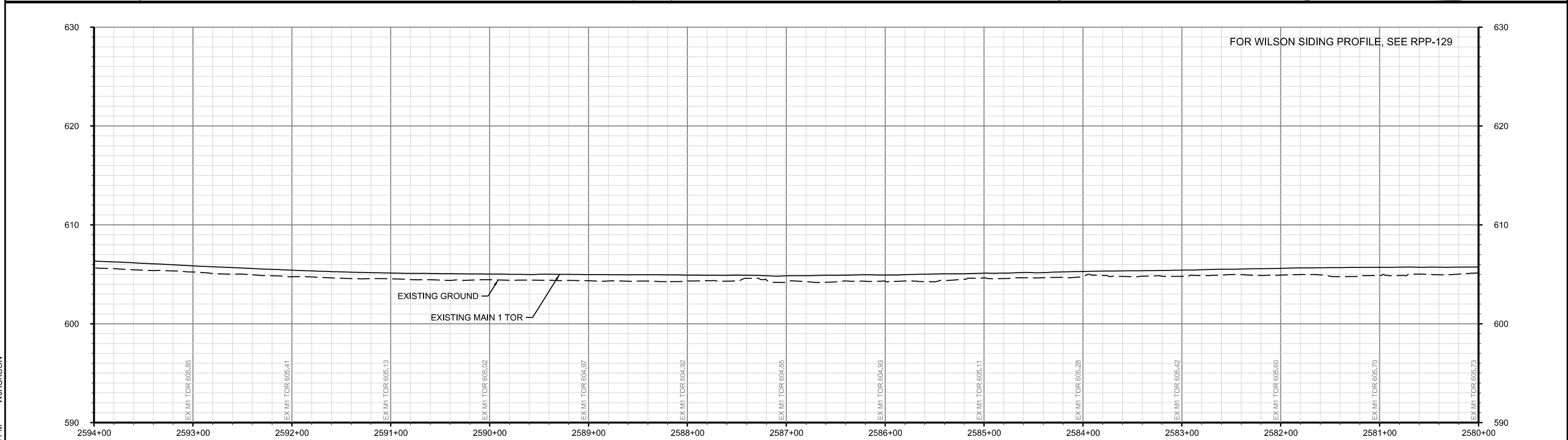
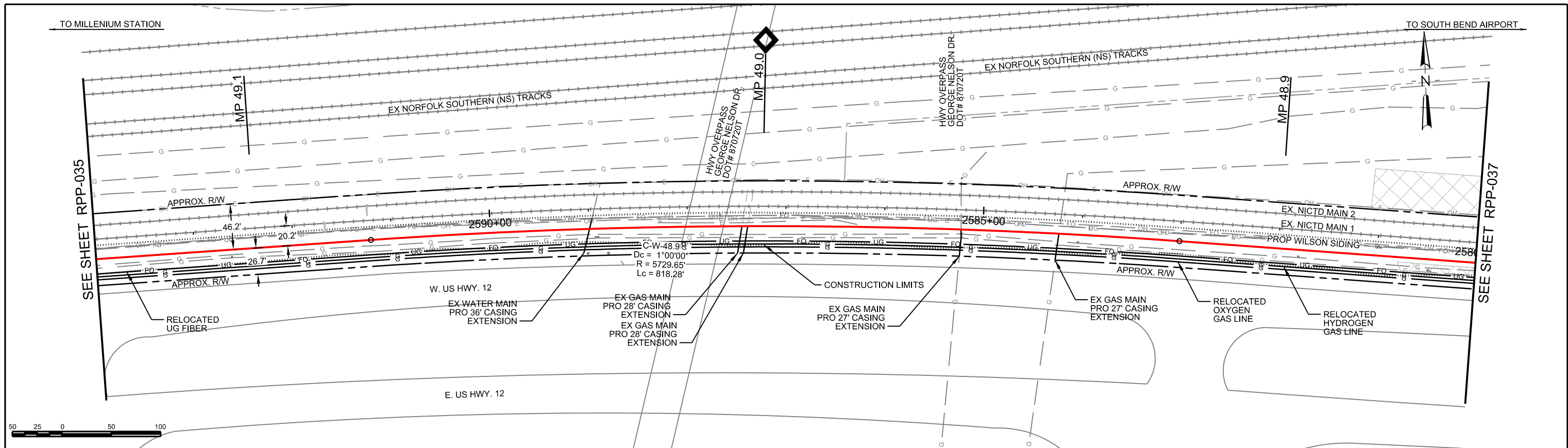


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-DJS
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

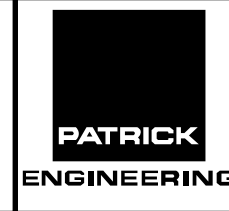
NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NMI	
PLAN AND PROFILE STA 2594+00 TO 2608+00 MP 49.1 TO 49.4	
FILENAME	NICTD-R-ML01-PP-0
SCALE	AS NOTED
SHEET	044 OF 193



PROP MAIN 1 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-036 OF RPP-138

PLOT DATE: 5/16/2017 4:05:06 PM WJACKSON

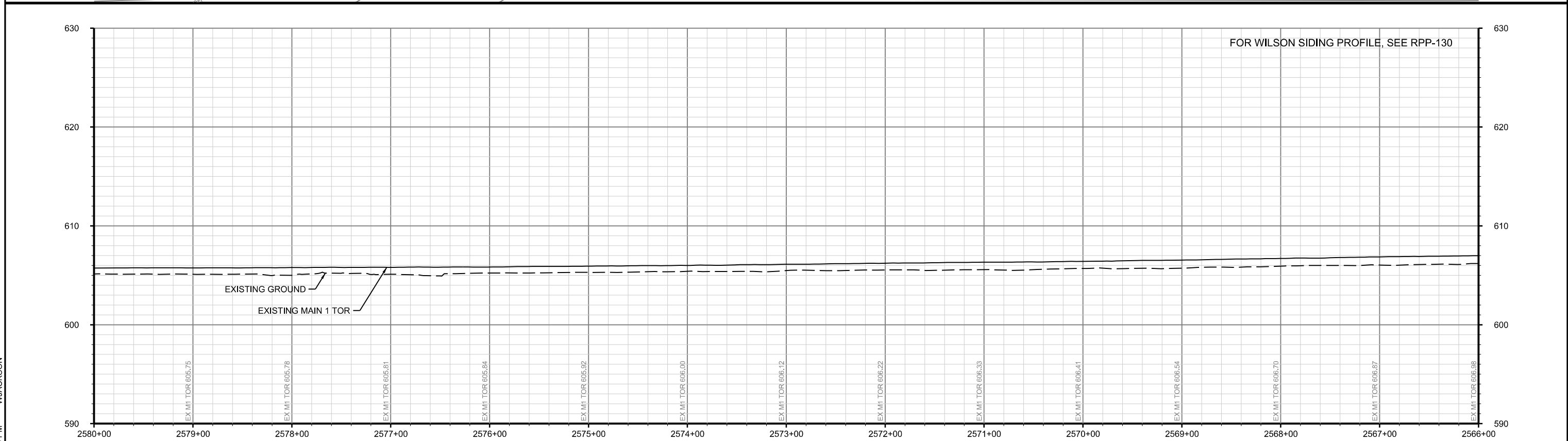
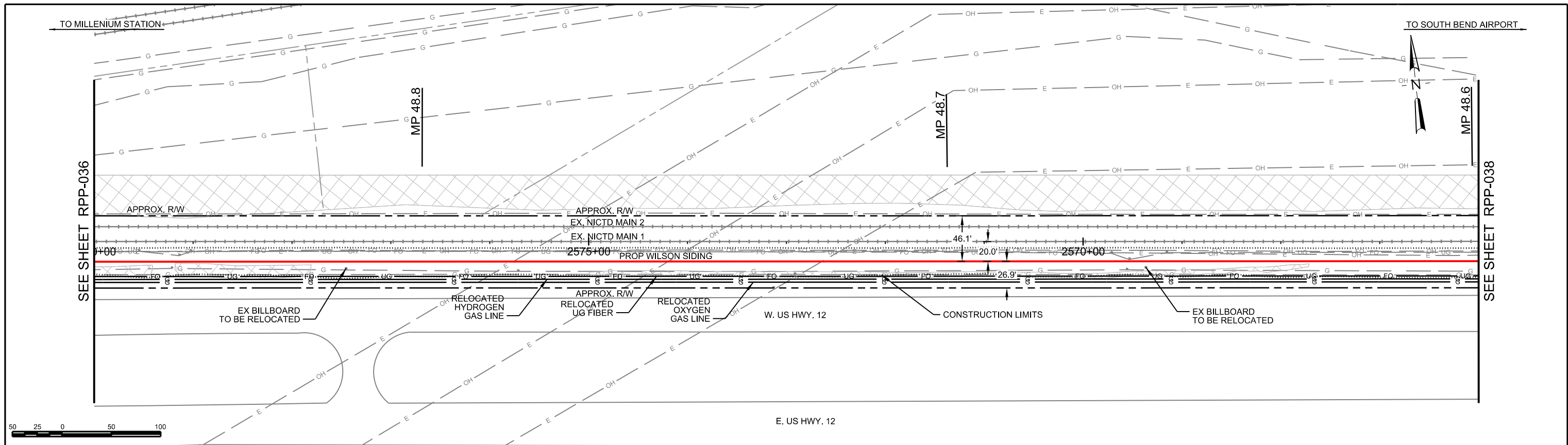


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-DJS
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

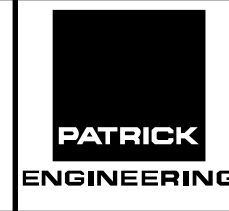
FILENAME	NICTD-R-ML01-PP-0	SHEET	045 OF 193
SCALE	AS NOTED		



PROP MAIN 1 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-037 OF RPP-138

PLOT DATE: 5/16/2017 4:05:09 PM WJACKSON

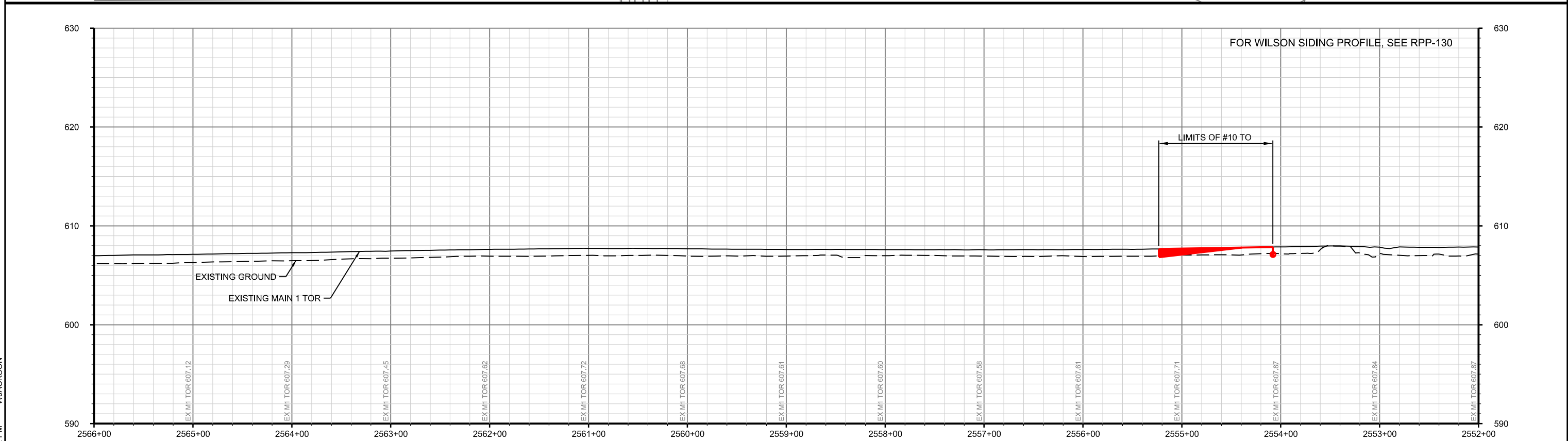
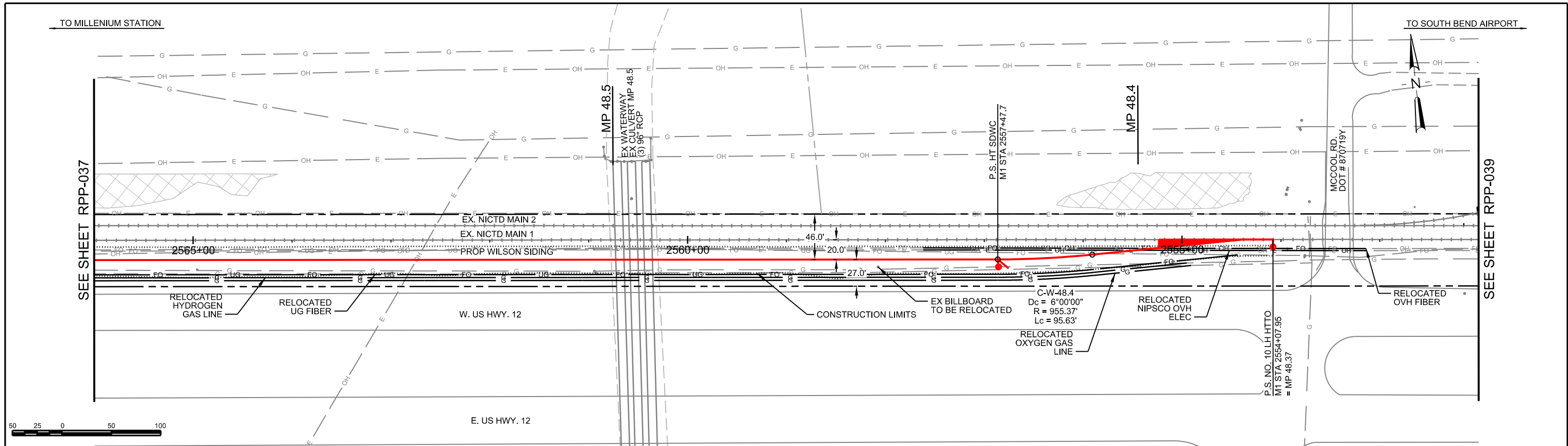


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-DJS
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

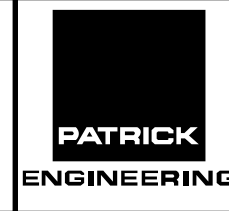
FILENAME	NICTD-R-ML01-PP-0	SHEET	046 OF 193
SCALE	AS NOTED		



PROP MAIN 1 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-038 OF RPP-138

PLOT DATE: 5/16/2017 4:05:12 PM WJACKSON

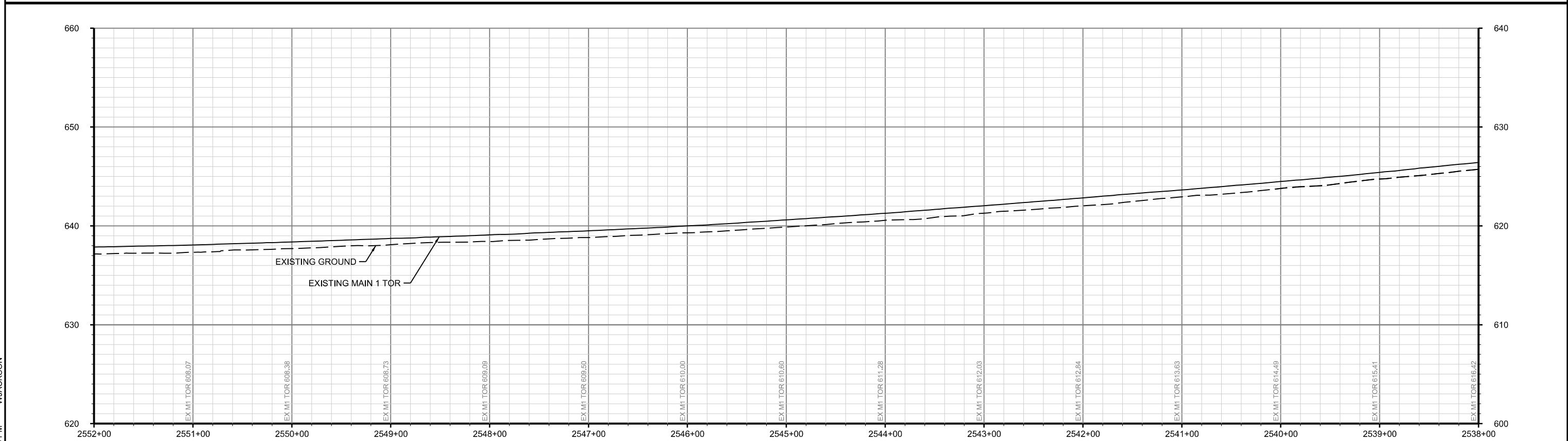
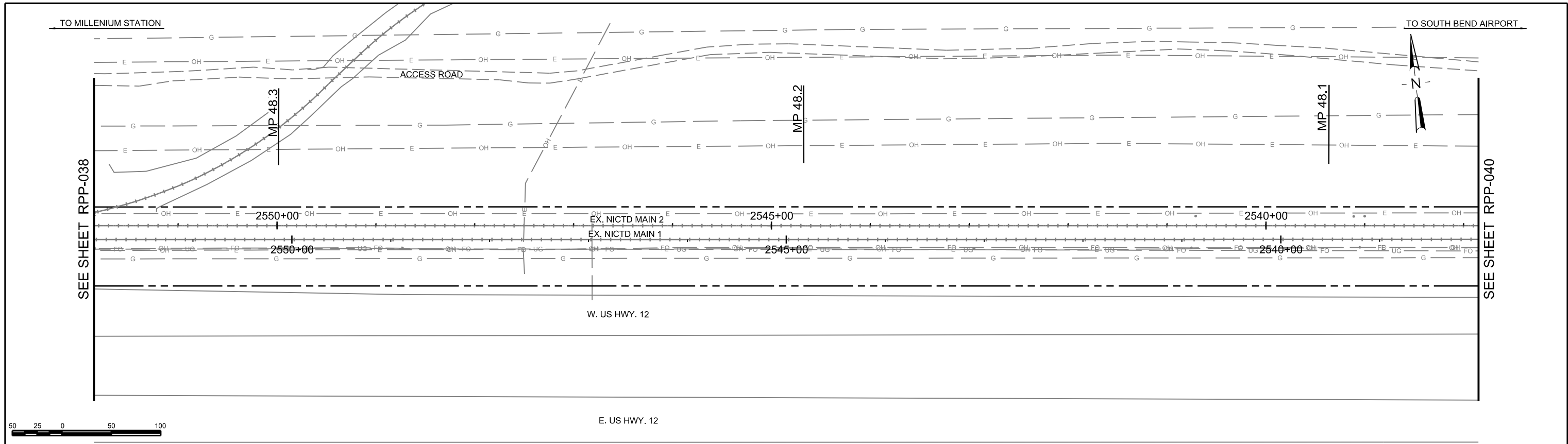


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-DJS
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

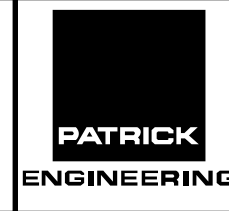
FILENAME	NICTD-R-ML01-PP-0	SHEET	47 OF 193
SCALE	AS NOTED		



PROP MAIN 1 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-039 OF RPP-138

PLOT DATE: 5/16/2017 4:05:15 PM WJACKSON

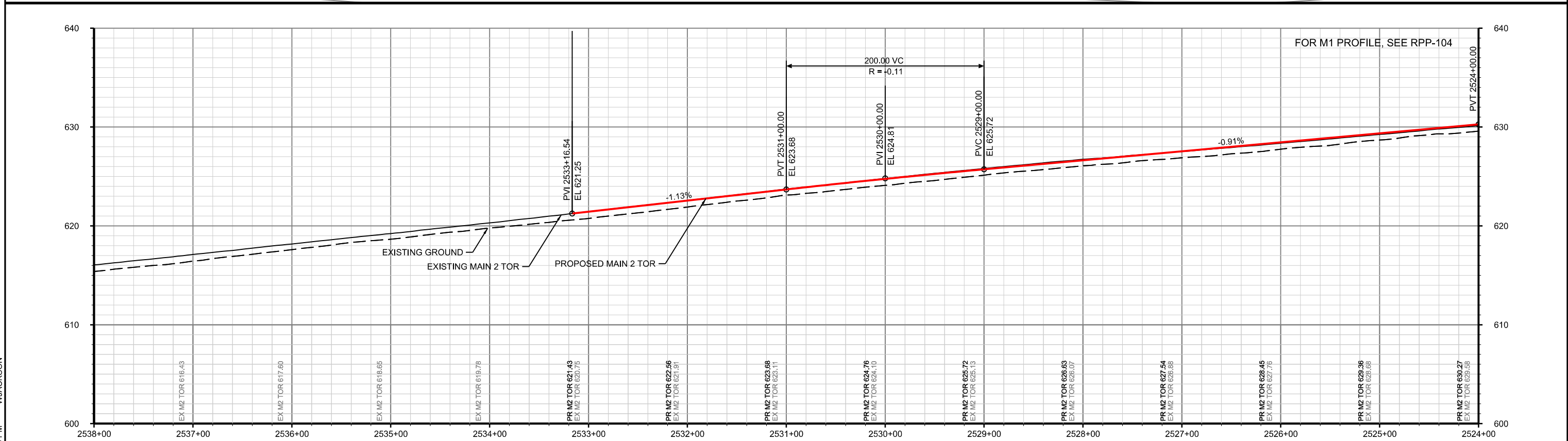
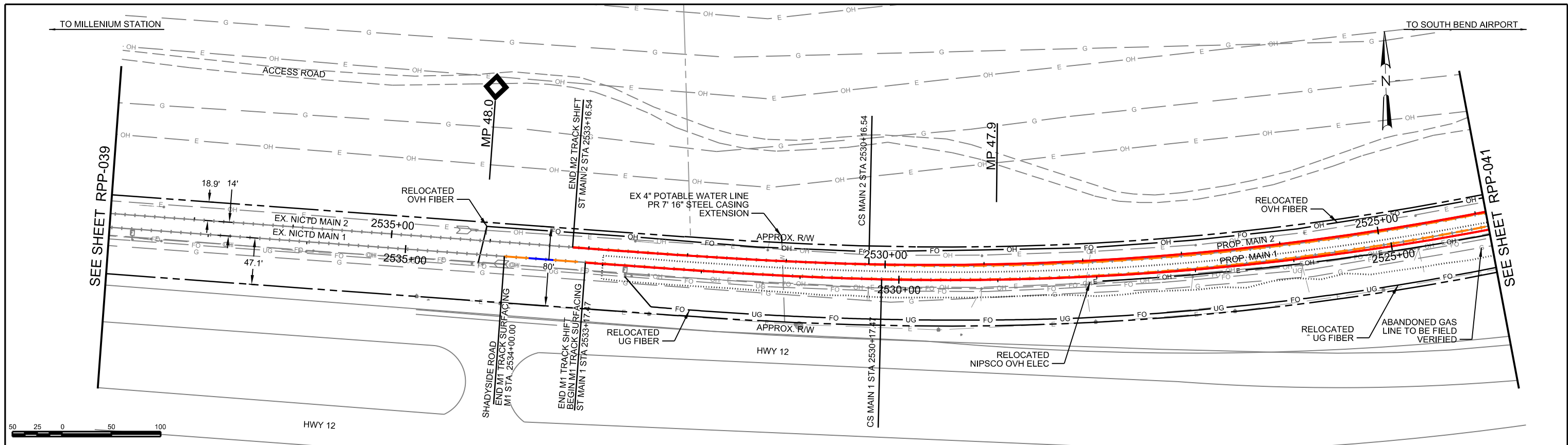


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-DJS
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	048 OF 193
SCALE	AS NOTED		



PROP MAIN 2 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-040 OF RPP-138

PLOT DATE: 5/16/2017 4:05:18 PM WJACKSON

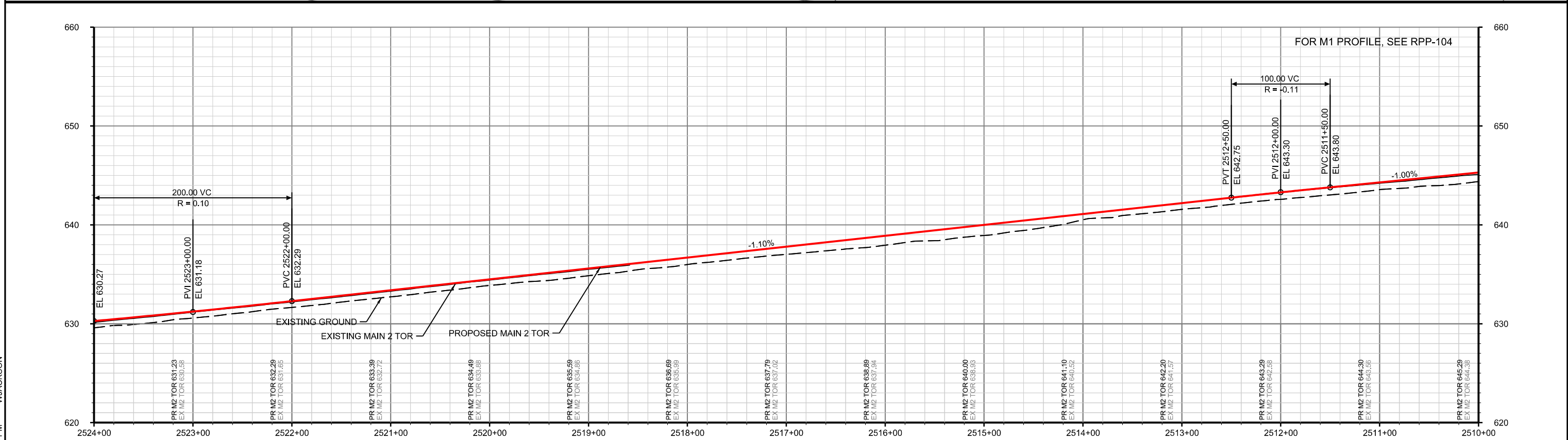
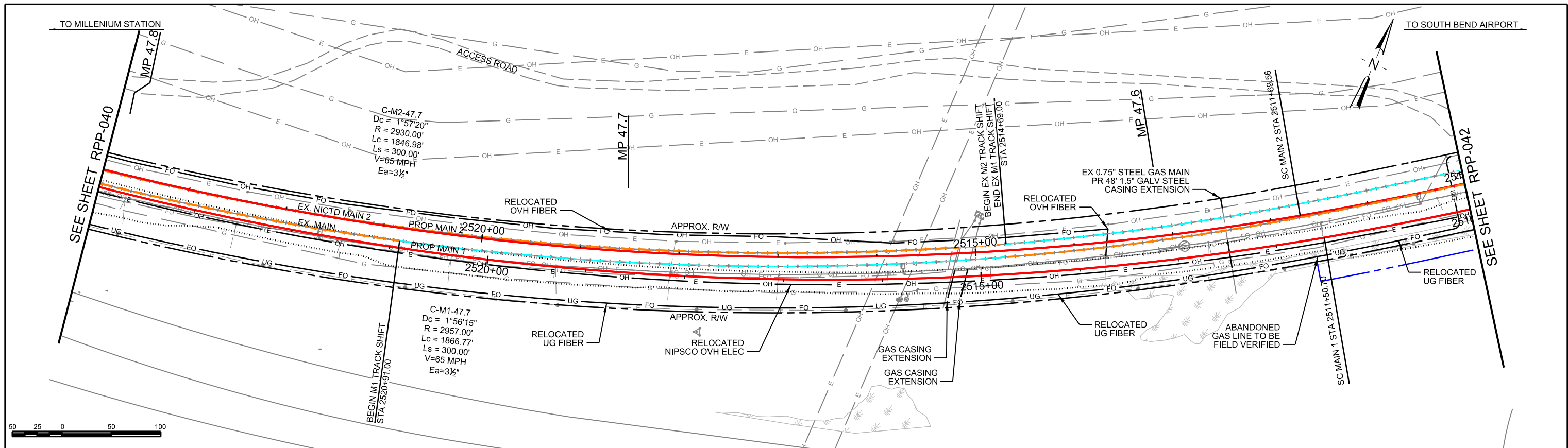


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-DJS
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	049 OF 193
SCALE	AS NOTED		



PROP MAIN 2 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-041 OF RPP-138

PLOT DATE: 5/16/2017 4:05:21 PM WJACKSON

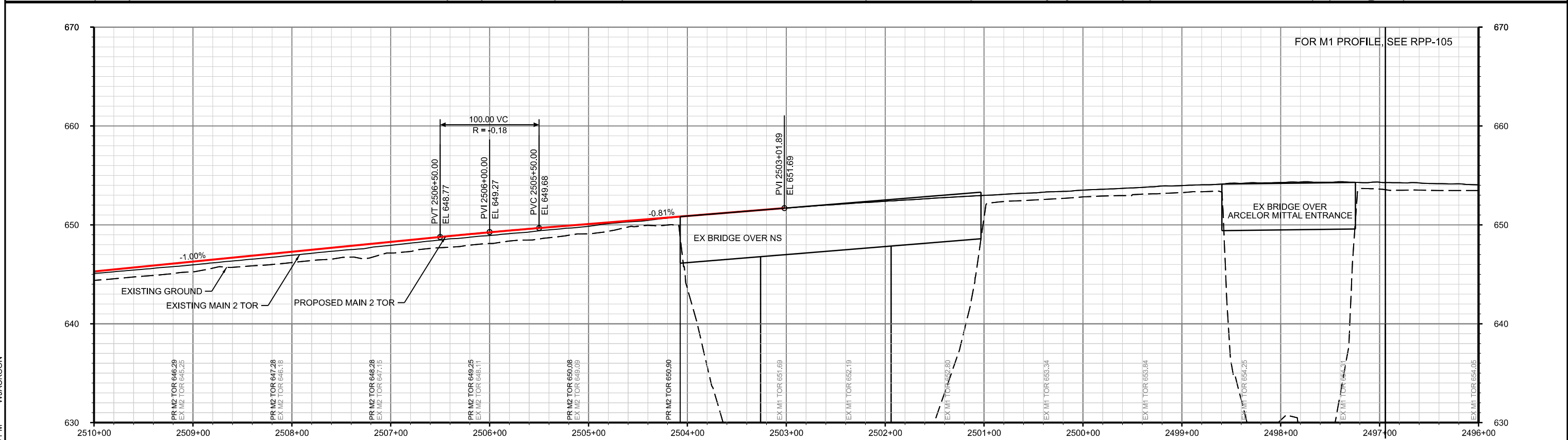
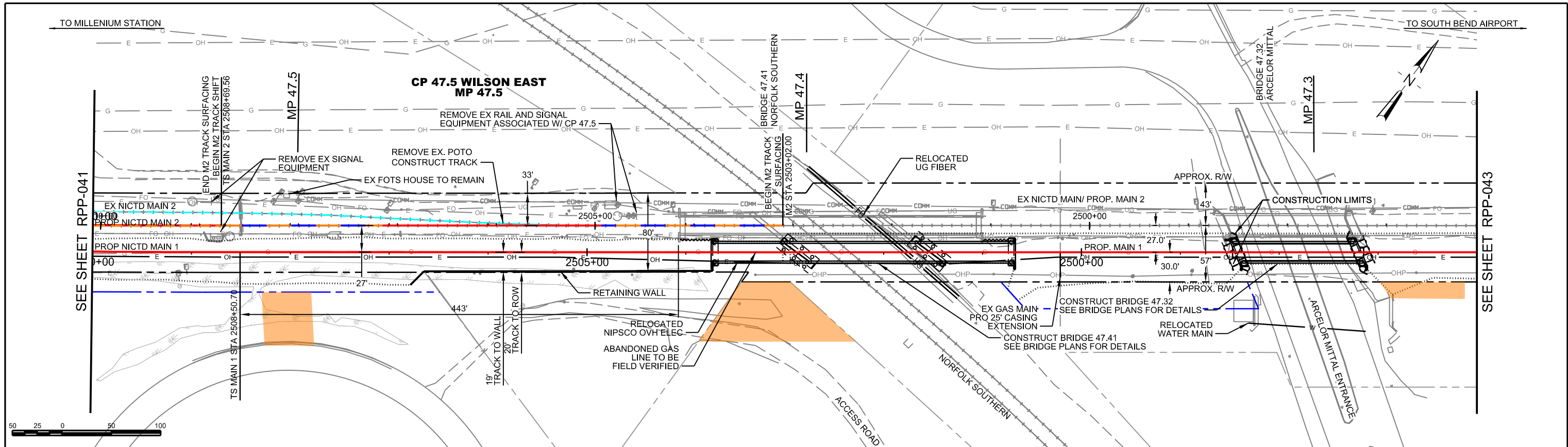


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

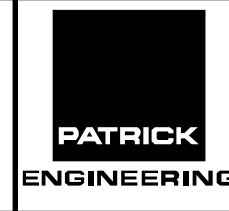


DESIGNED:	PEH-DJS
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	050 OF 193
SCALE	AS NOTED		



PLOT DATE: 5/16/2017 4:05:25 PM WJACKSON



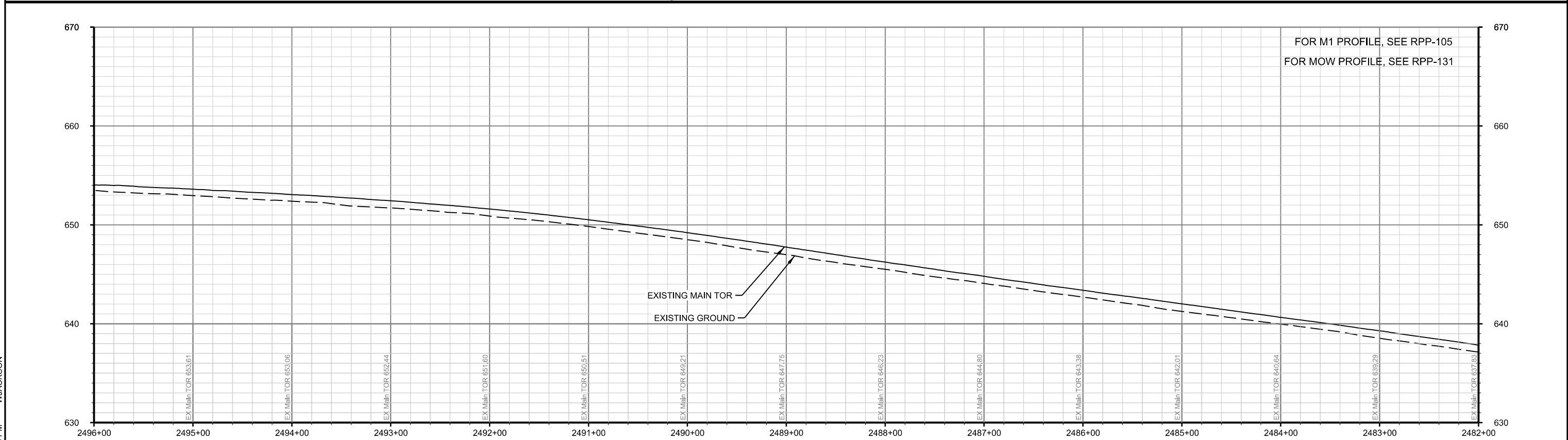
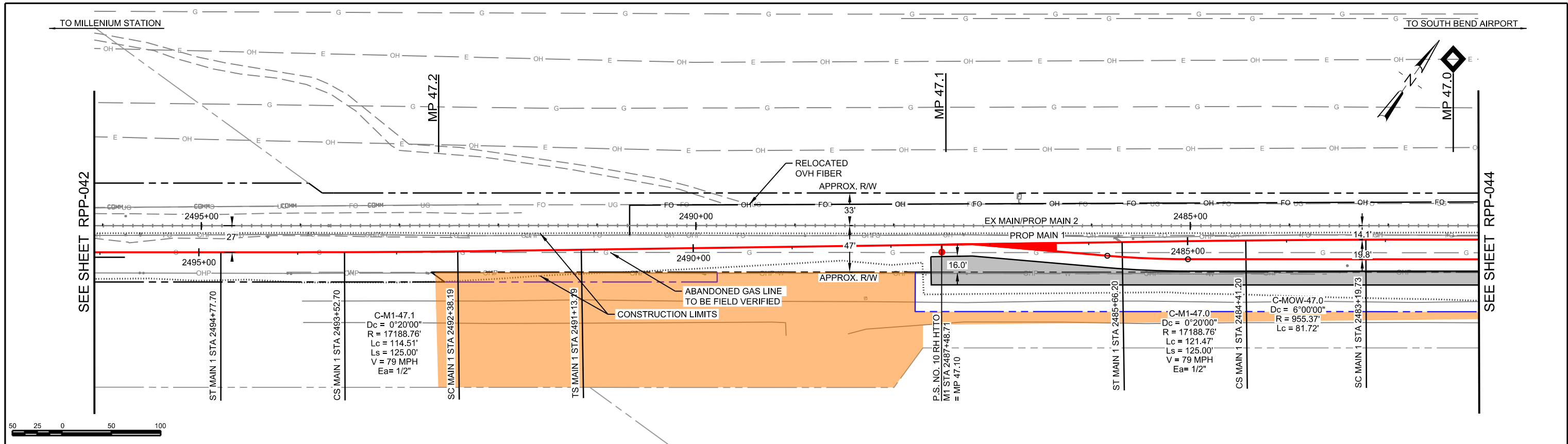
ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-DJS
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

NOT FOR CONSTRUCTION SERIES RPP-042 OF RPP-138

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NMI		
PLAN AND PROFILE STA 2496+00 TO 2510+00 MP 47.3 TO 47.5		
FILENAME	NICTD-R-ML01-PP-0	SHEET
SCALE	AS NOTED	051 OF 193



PROP MAIN 2 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-043 OF RPP-138

PLOT DATE: 5/16/2017 4:05:28 PM WJACKSON



ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

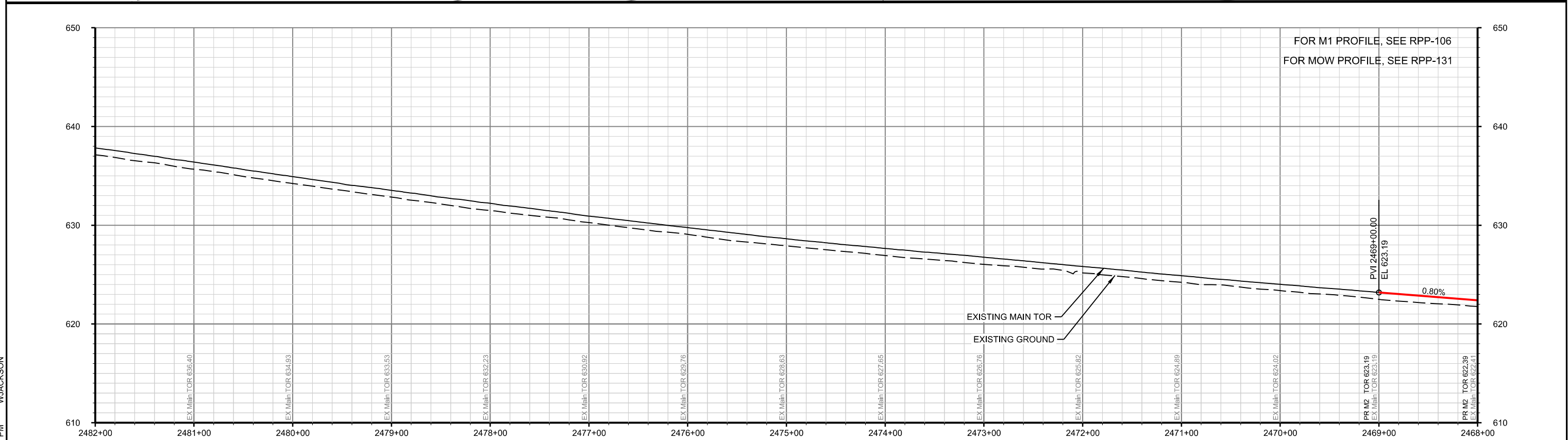
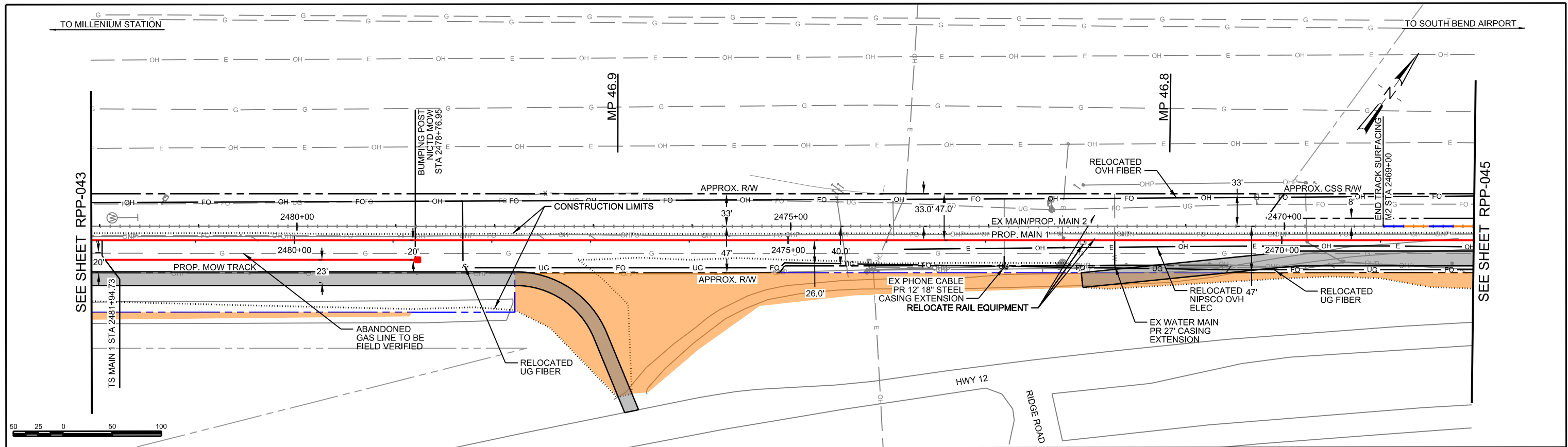


DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	052 OF 193
SCALE	AS NOTED		

FOR M1 PROFILE, SEE RPP-105
FOR MOW PROFILE, SEE RPP-131

PLAN AND PROFILE
STA 2482+00 TO 2496+00
MP 47.0 TO 47.3



PLOT DATE: 5/16/2017 4:05:31 PM WJACKSON



ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

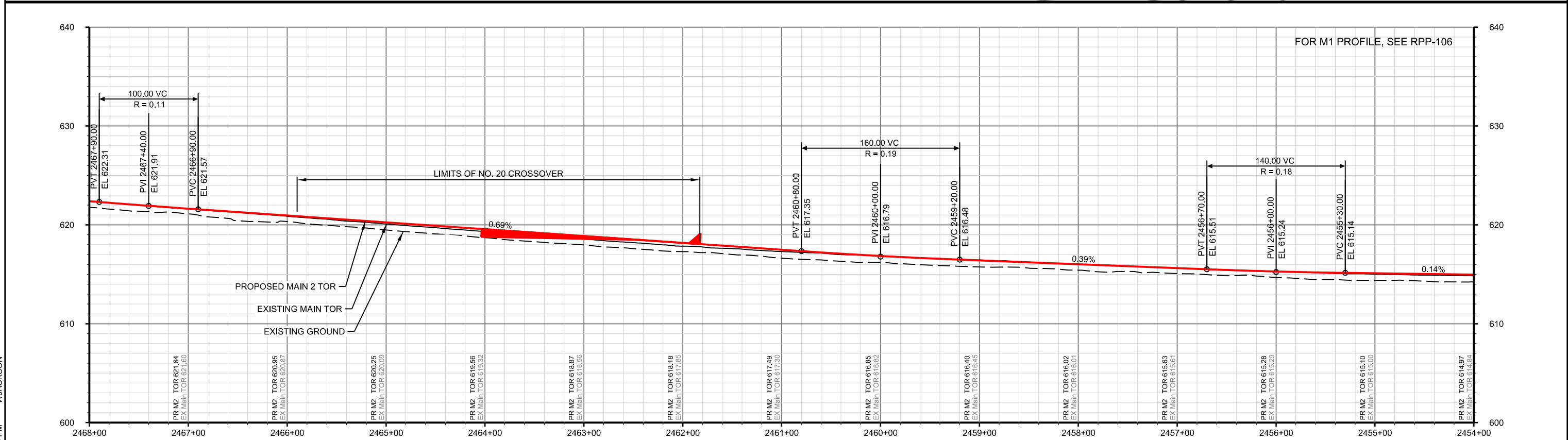
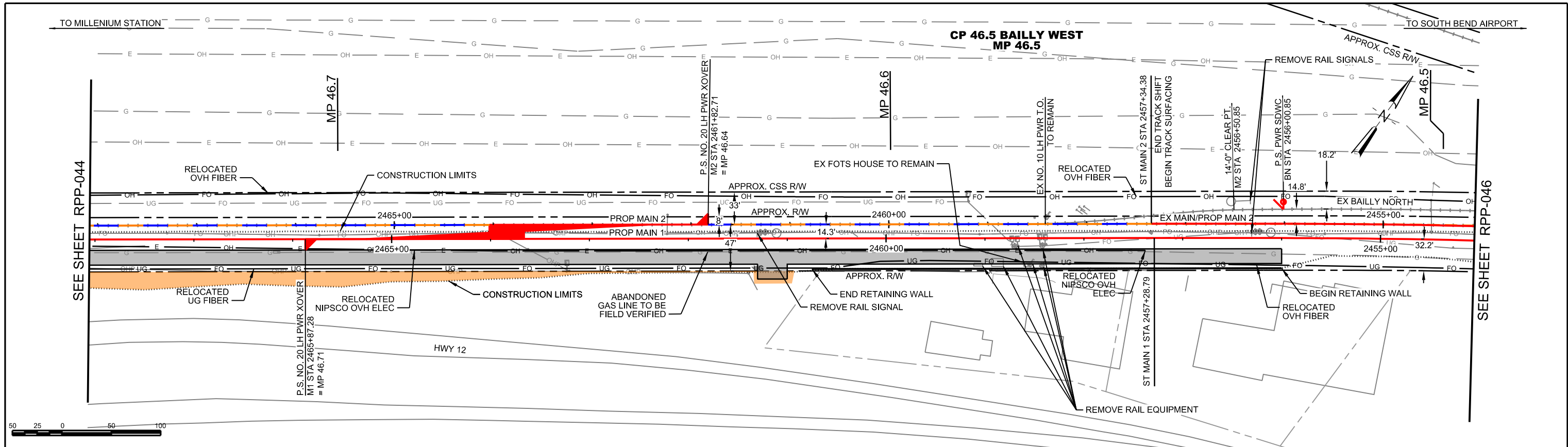
NOT FOR CONSTRUCTION

SERIES RPP-044 OF RPP-138

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NW

PLAN AND PROFILE
STA 2468+00 TO 2482+00
MP 46.7 TO 47.0

FILENAME	NICTD-R-ML01-PP-0	SHEET	053 OF 193
SCALE	AS NOTED		



PLOT DATE: 5/16/2017 4:05:34 PM WJACKSON



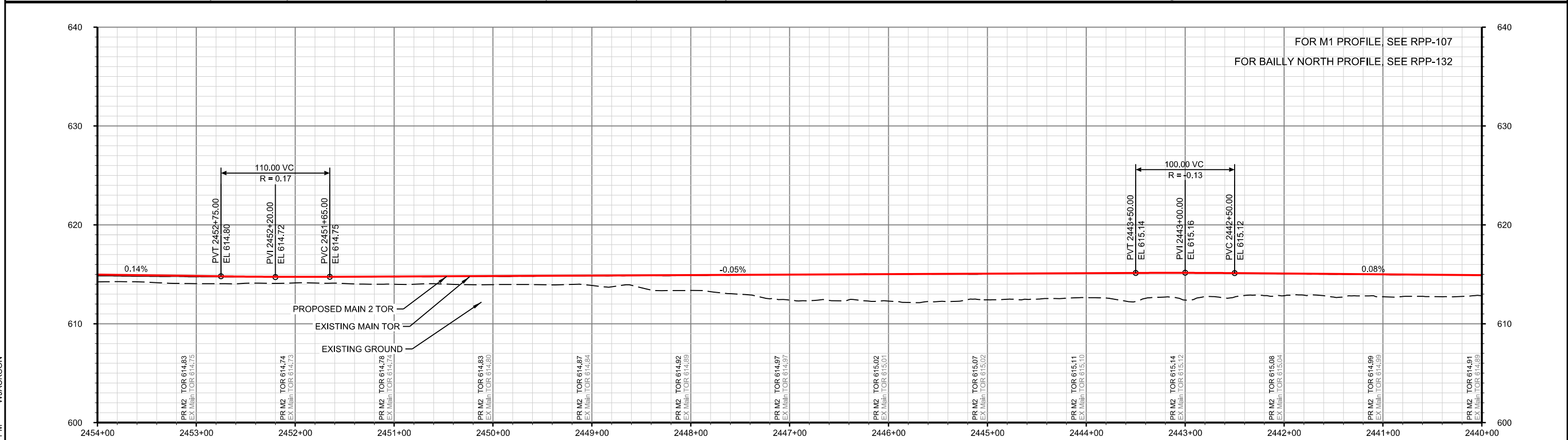
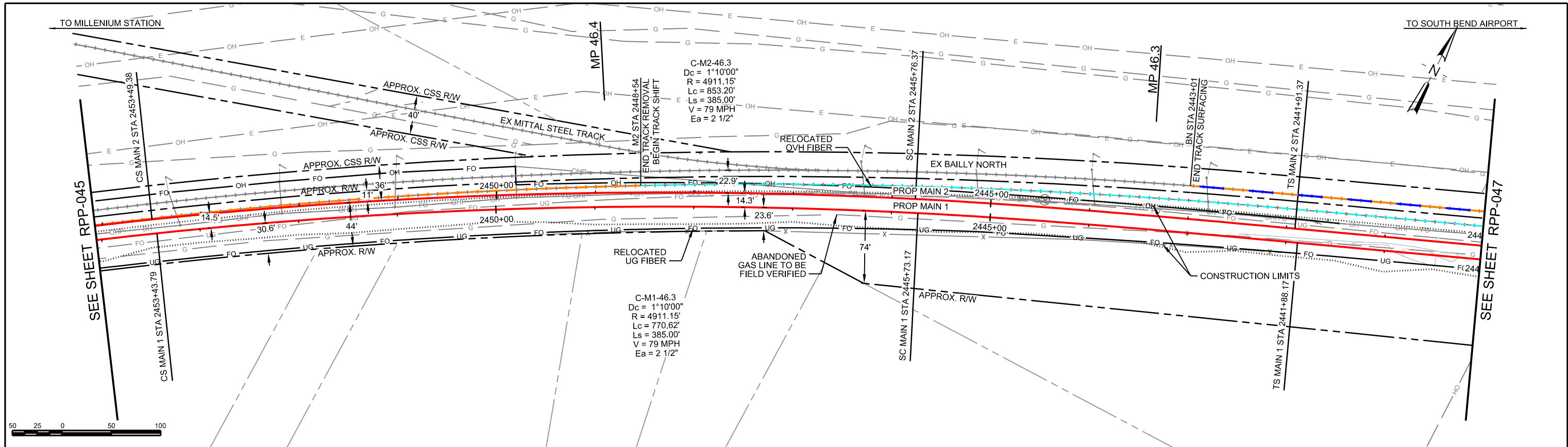
ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



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CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NOT FOR CONSTRUCTION SERIES RPP-045 OF RPP-138

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NMI		
PLAN AND PROFILE STA 2454+00 TO 2468+00 MP 46.5 TO 46.7		
FILENAME	NICTD-R-ML01-PP-0	SHEET
SCALE	AS NOTED	054 OF 193



PROP MAIN 2 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-046 OF RPP-138

PLOT DATE: 5/16/2017 4:05:37 PM WJACKSON



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ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

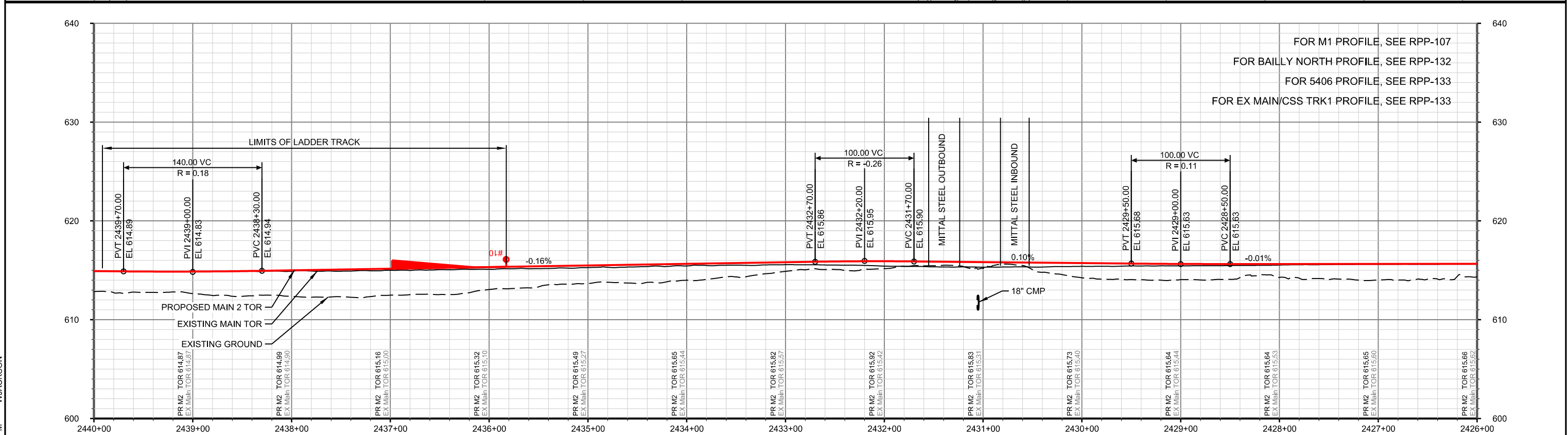
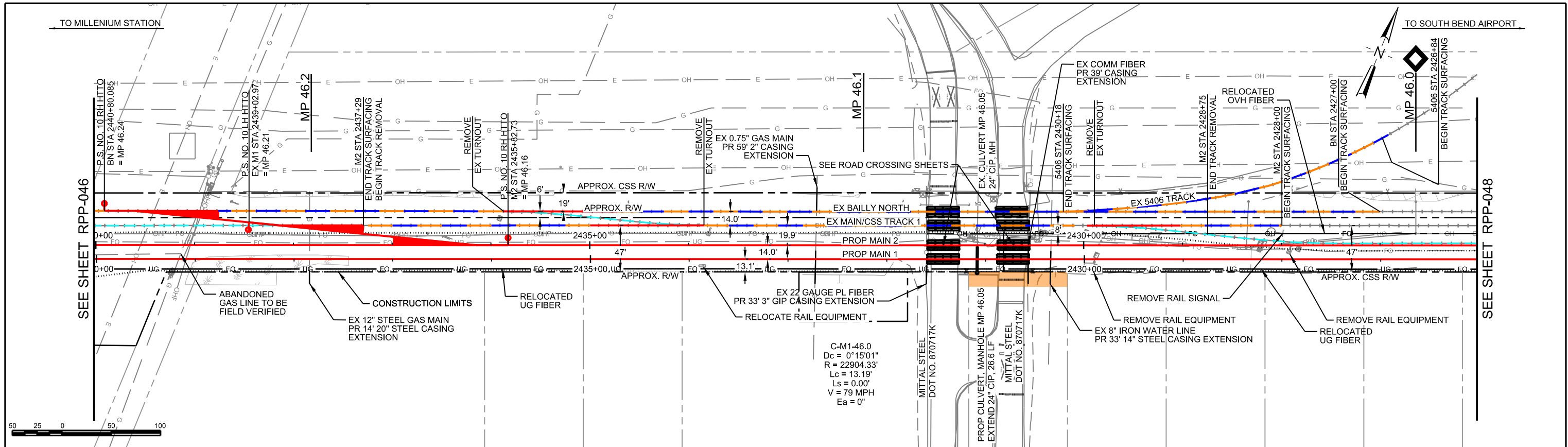


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DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NMI	
PLAN AND PROFILE STA 2440+00 TO 2454+00 MP 46.2 TO 46.5	
FILENAME	NICTD-R-ML01-PP-0
SCALE	AS NOTED
SHEET	055 OF 193



PROP MAIN 2 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-047 OF RPP-138



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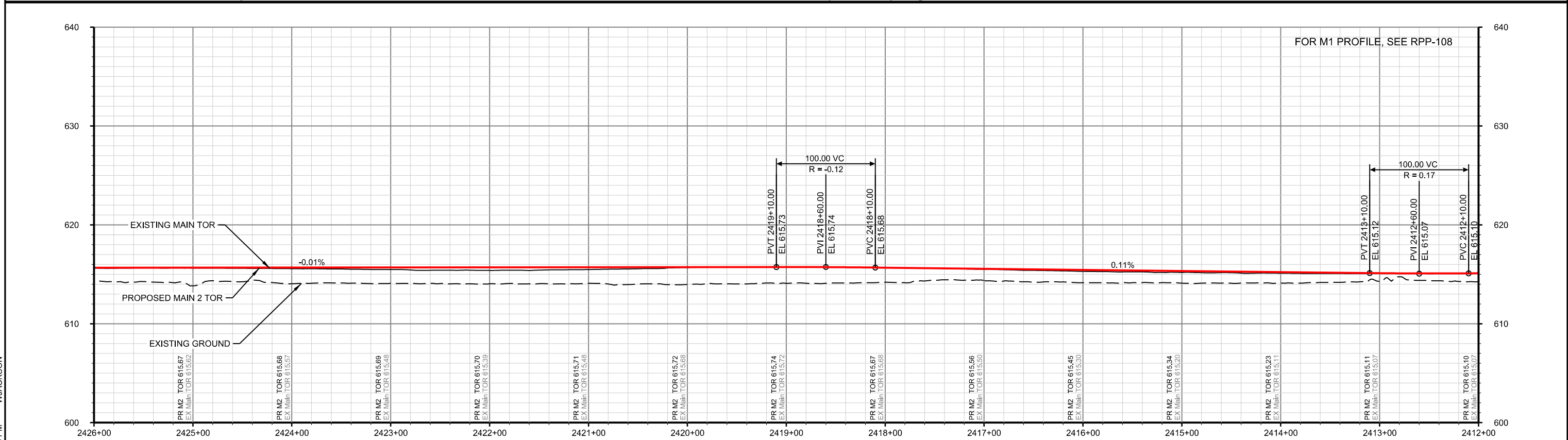
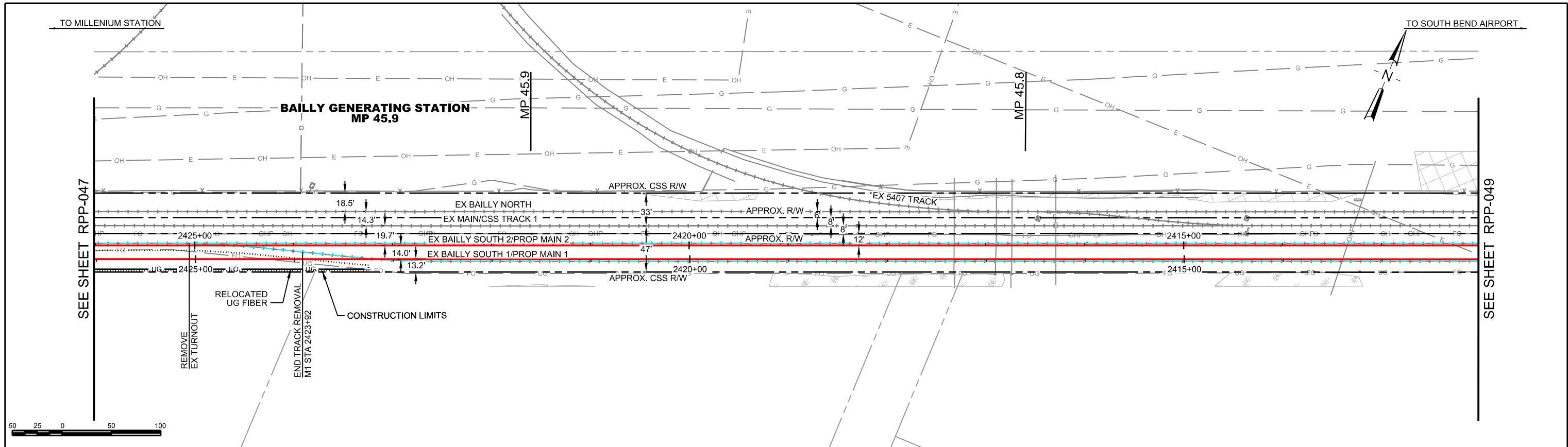


Connectivity for Accelerated Growth
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CHECKED: HDR-ZDH
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FILENAME	NICTD-R-ML01-PP-0	SHEET	056 OF 193
SCALE	AS NOTED		

PLOT DATE: 5/16/2017 4:05:40 PM WJACKSON



PLOT DATE: 5/16/2017 4:05:43 PM WJACKSON

PROP MAIN 2 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-048 OF RPP-138



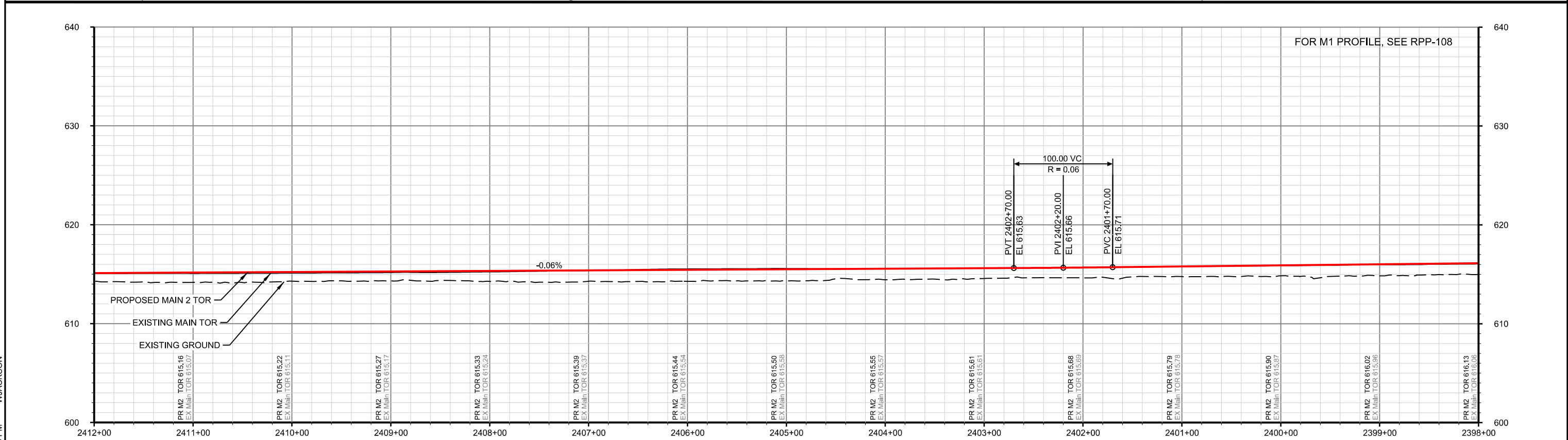
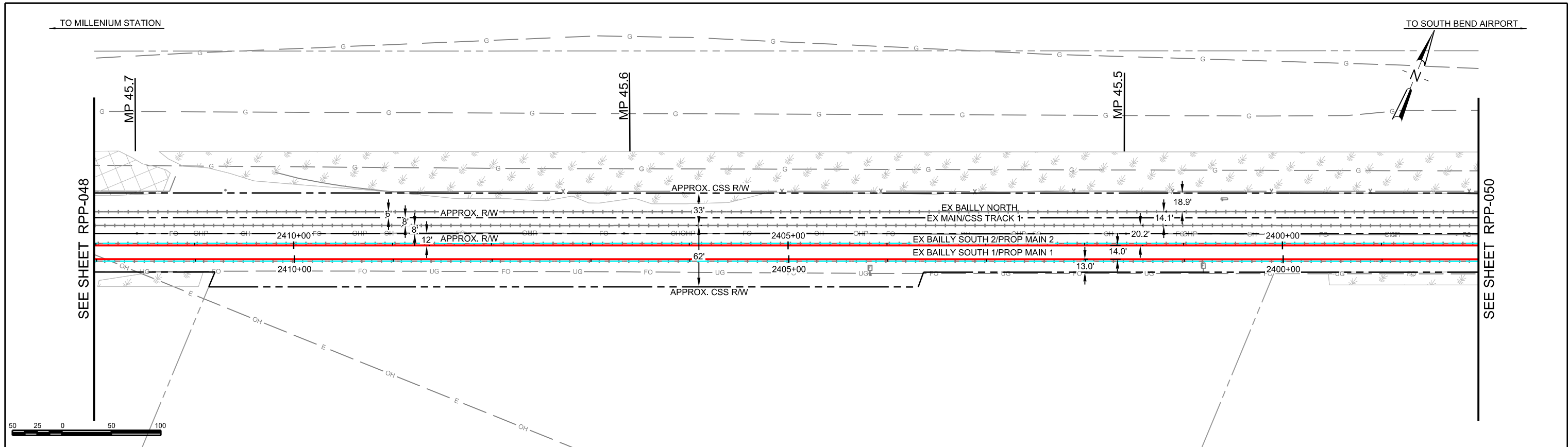
ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	057 OF 193
SCALE	AS NOTED		

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI
PLAN AND PROFILE
STA 2412+00 TO 2426+00
MP 45.7 TO 46.0



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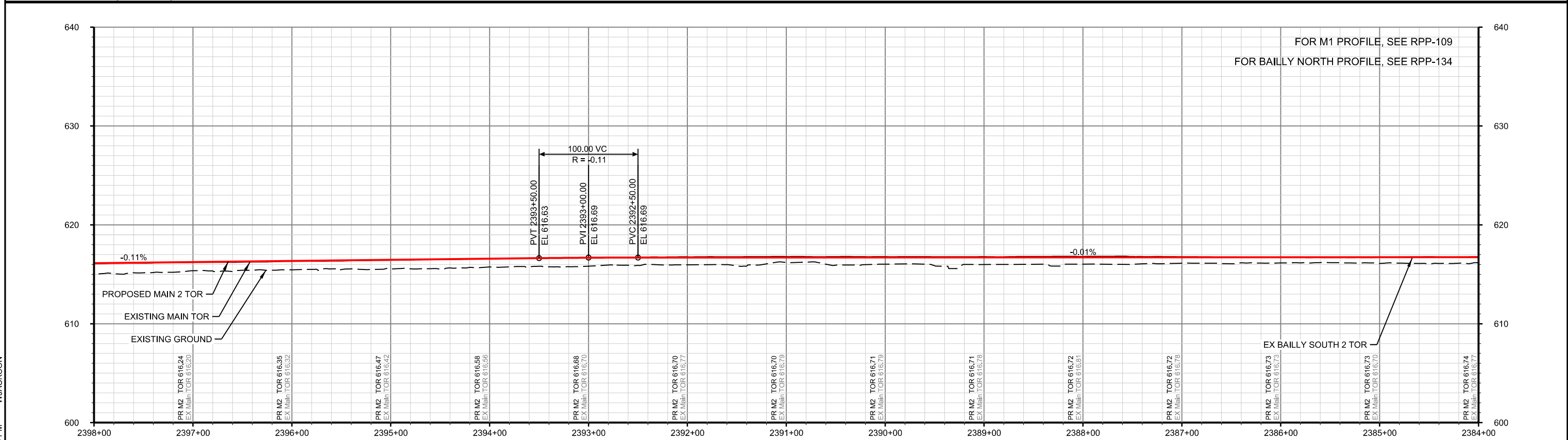
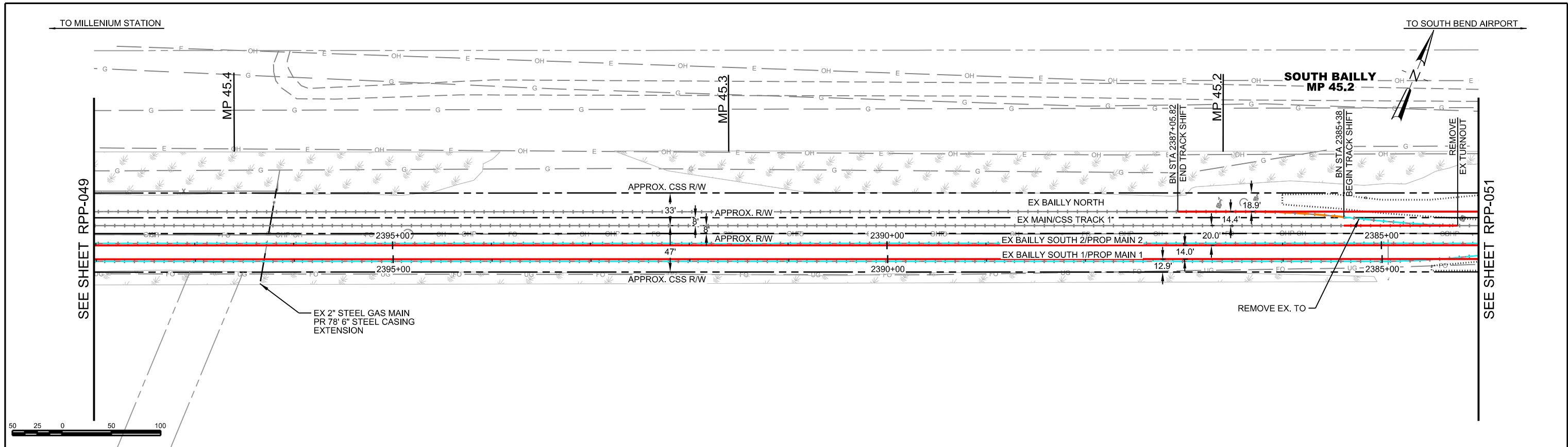
MICHIGAN CITY TO GARY, INDIANA

DESIGNED: HDR-PJL
DRAWN: HDR-WJJ
CHECKED: HDR-ZDH
DATE: MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	058 OF 193
SCALE	AS NOTED		

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

PLOT DATE: 5/16/2017 4:05:46 PM WJACKSON



PLOT DATE: 5/16/2017 4:05:49 PM WJACKSON

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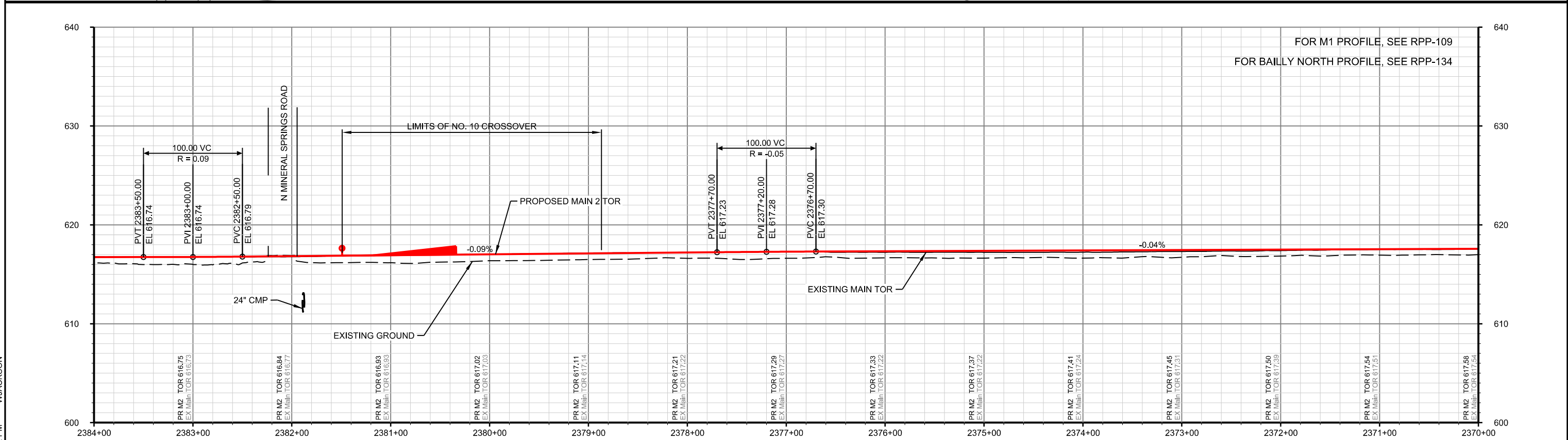
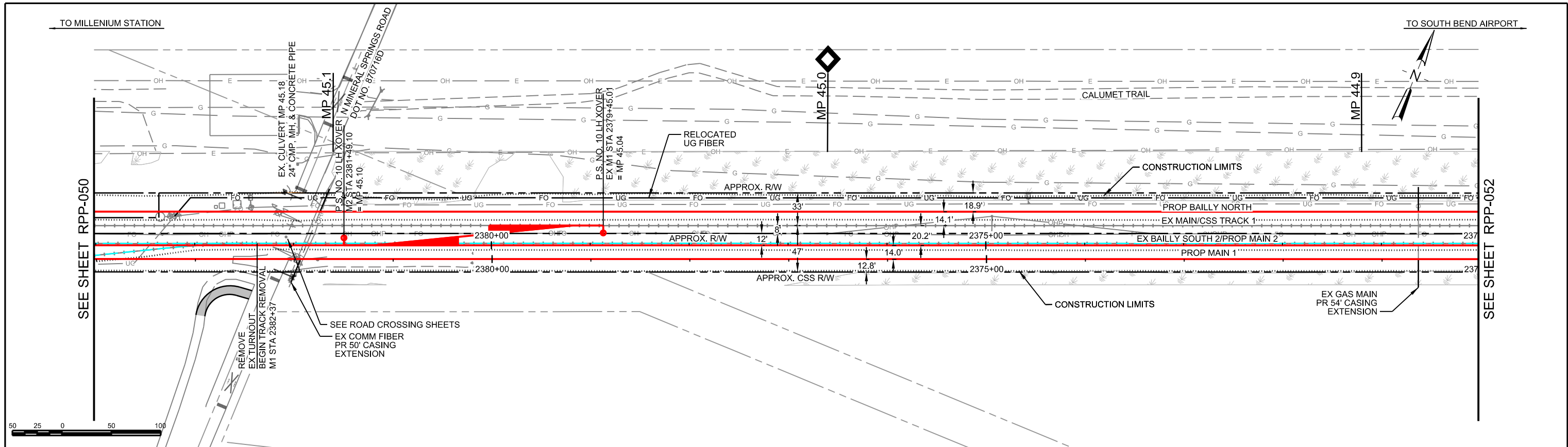
ISSUE	DATE	DESCRIPTION
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DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	059 OF 193
SCALE	AS NOTED		

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI
PLAN AND PROFILE
STA 2384+00 TO 2398+00
MP 45.1 TO 45.4



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NOT FOR CONSTRUCTION SERIES RPP-051 OF RPP-138

PLOT DATE: 5/16/2017 4:05:52 PM WJACKSON



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0	05/12/2017	FINAL PRELIMINARY DESIGN



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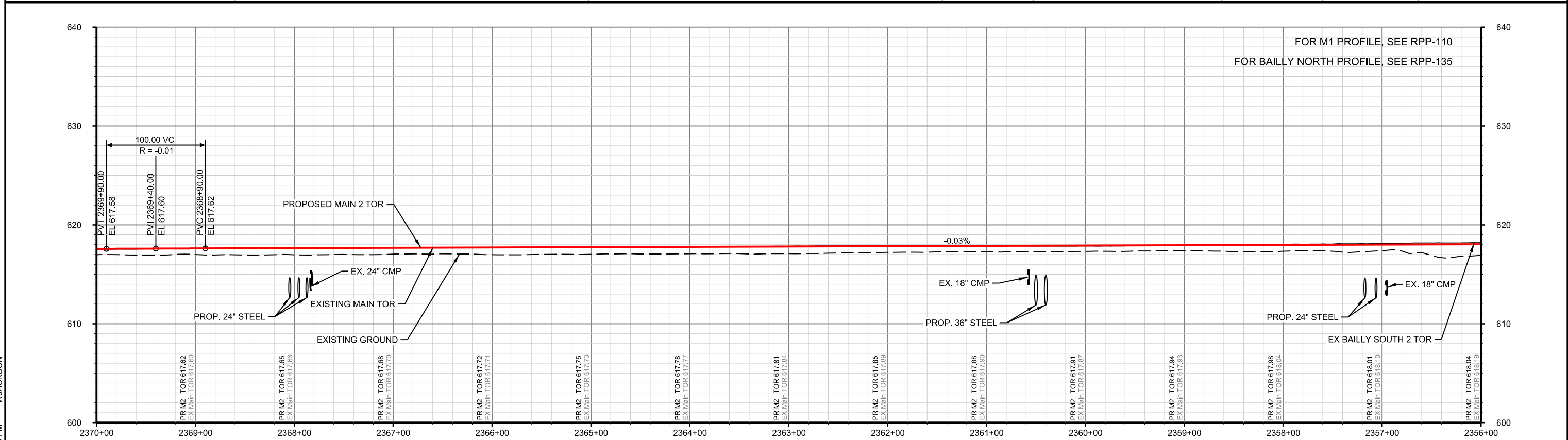
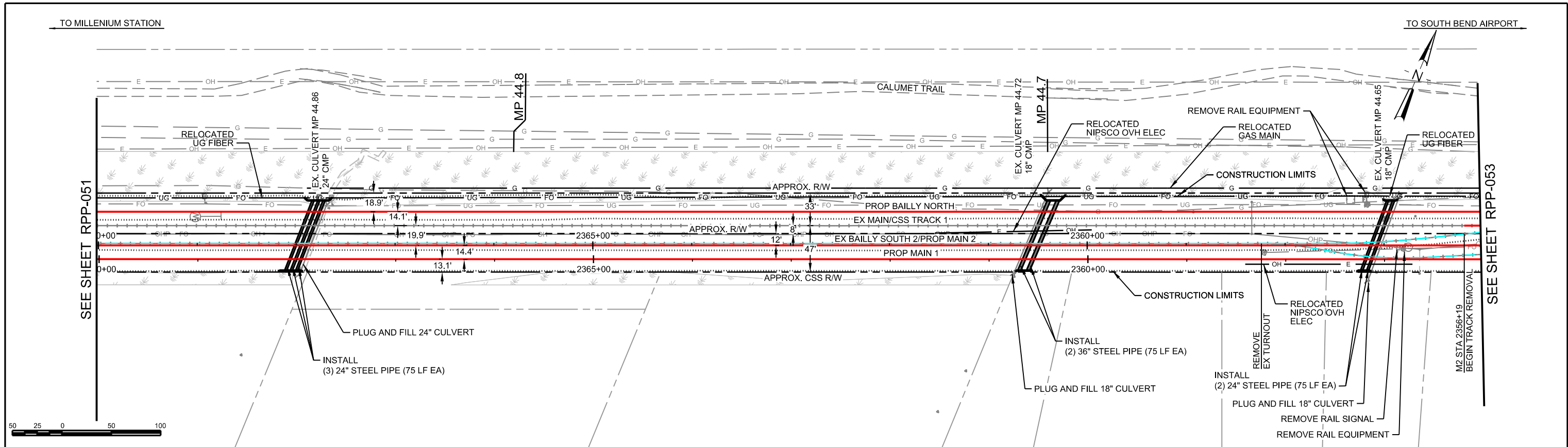


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MICHIGAN CITY TO GARY, INDIANA

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FILENAME	NICTD-R-ML01-PP-0	SHEET	060 OF 193
SCALE	AS NOTED		

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NMI
PLAN AND PROFILE
STA 2370+00 TO 2384+00
MP 44.9 TO 45.1



PROP MAIN 2 PROFILE

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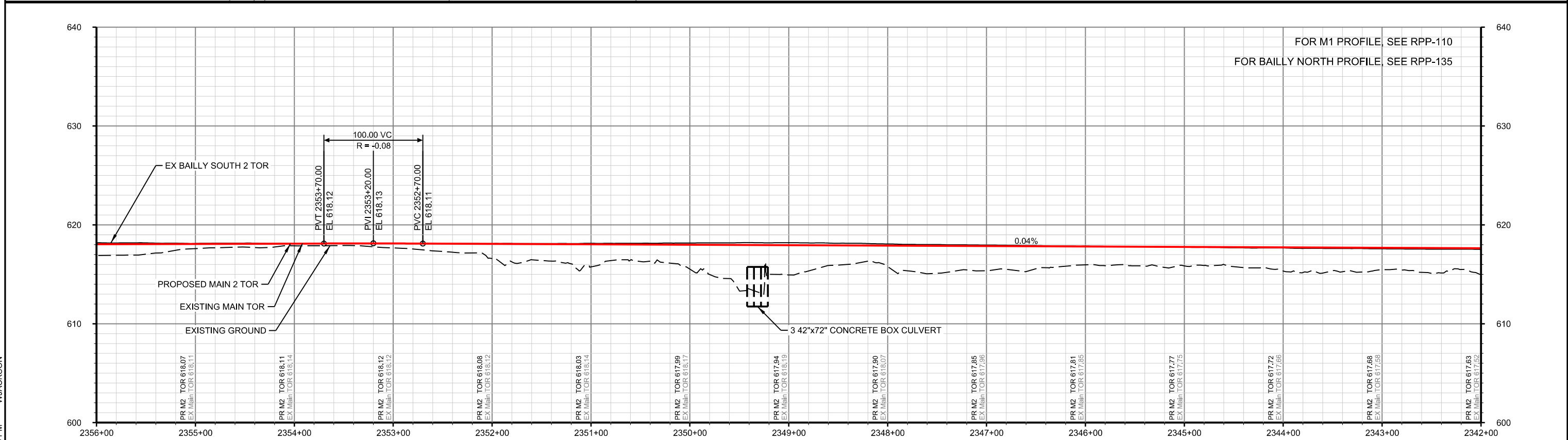
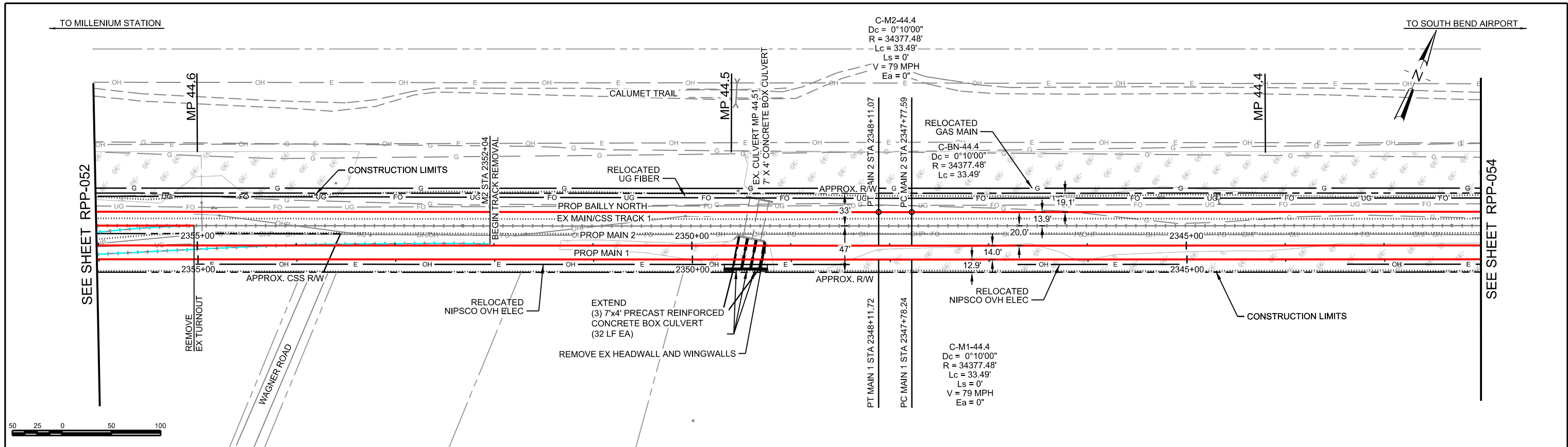
DESIGNED: HDR-PJL
DRAWN: HDR-WJJ
CHECKED: HDR-ZDH
DATE: MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI
PLAN AND PROFILE
STA 2356+00 TO 2370+00
MP 44.6 TO 44.9

FILENAME	NICTD-R-ML01-PP-0	SHEET	061 OF 193
SCALE	AS NOTED		

PLOT DATE: 5/16/2017 4:05:55 PM WJACKSON

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



PLOT DATE: 5/16/2017 4:05:58 PM WJACKSON

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0	05/12/2017	FINAL PRELIMINARY DESIGN

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DRAWN:	HDR-WJJ
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DATE:	MAY 12, 2017

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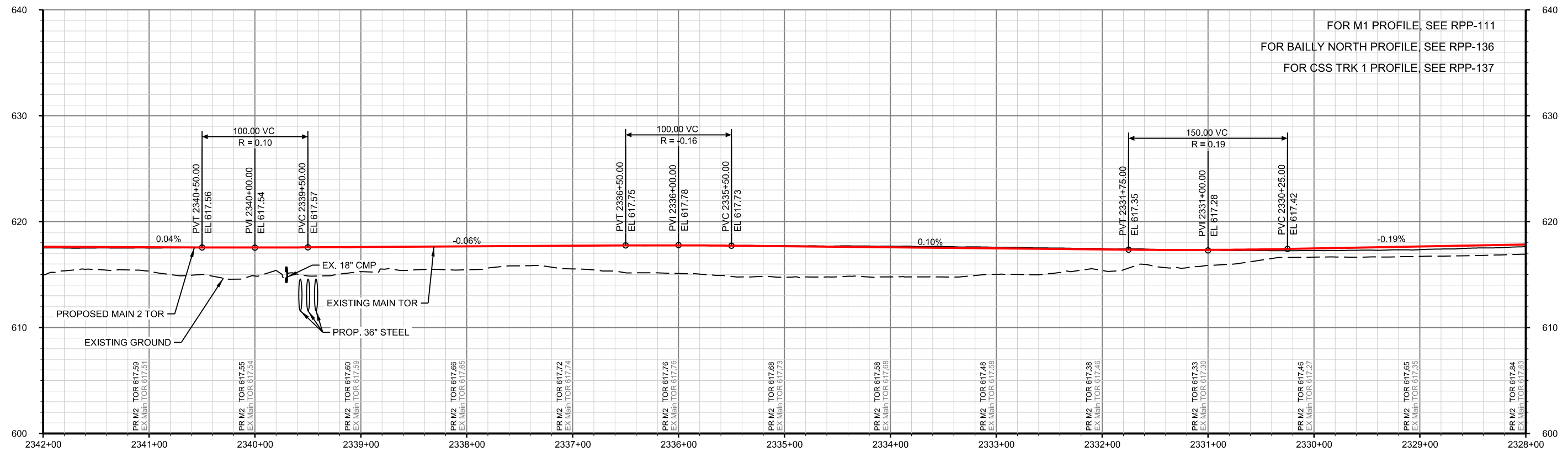
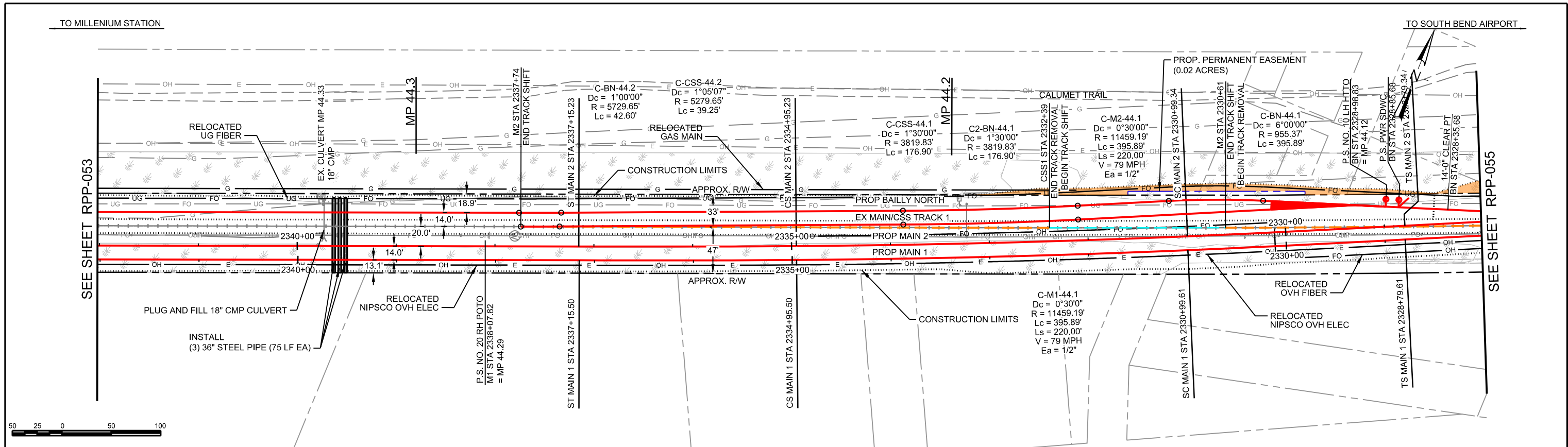
NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI

PLAN AND PROFILE
STA 2342+00 TO 2356+00
MP 44.4 TO 44.6

FILENAME	NICTD-R-ML01-PP-0	SHEET	062 OF 193
SCALE	AS NOTED		

TO MILLENIUM STATION

TO SOUTH BEND AIRPORT



PROP MAIN 2 PROFILE

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PLOT DATE: 5/16/2017 6:08:24 PM ZHARTJES

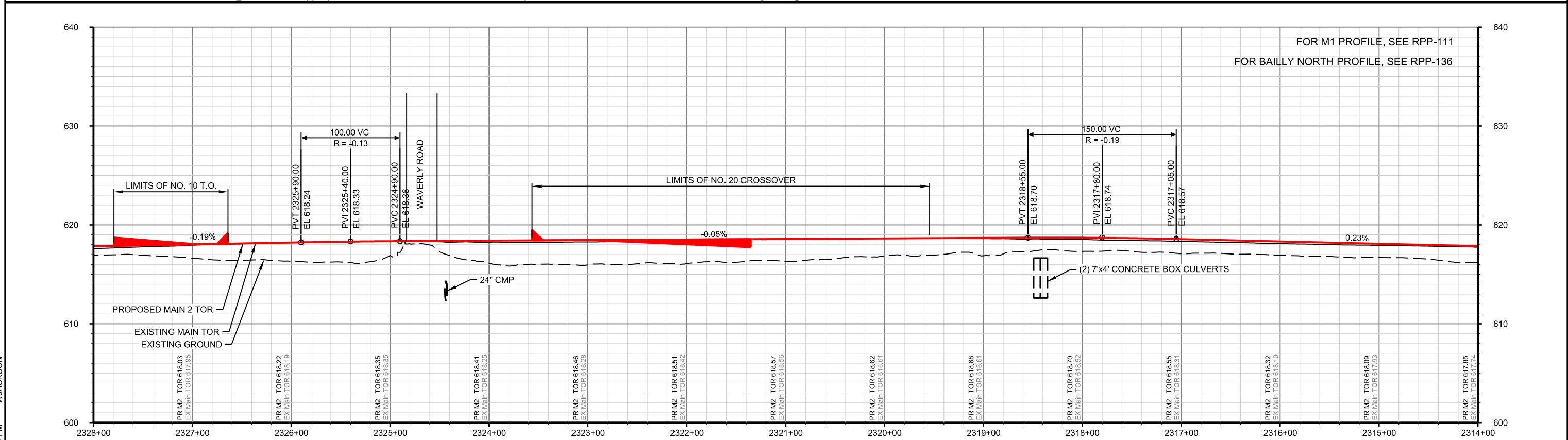
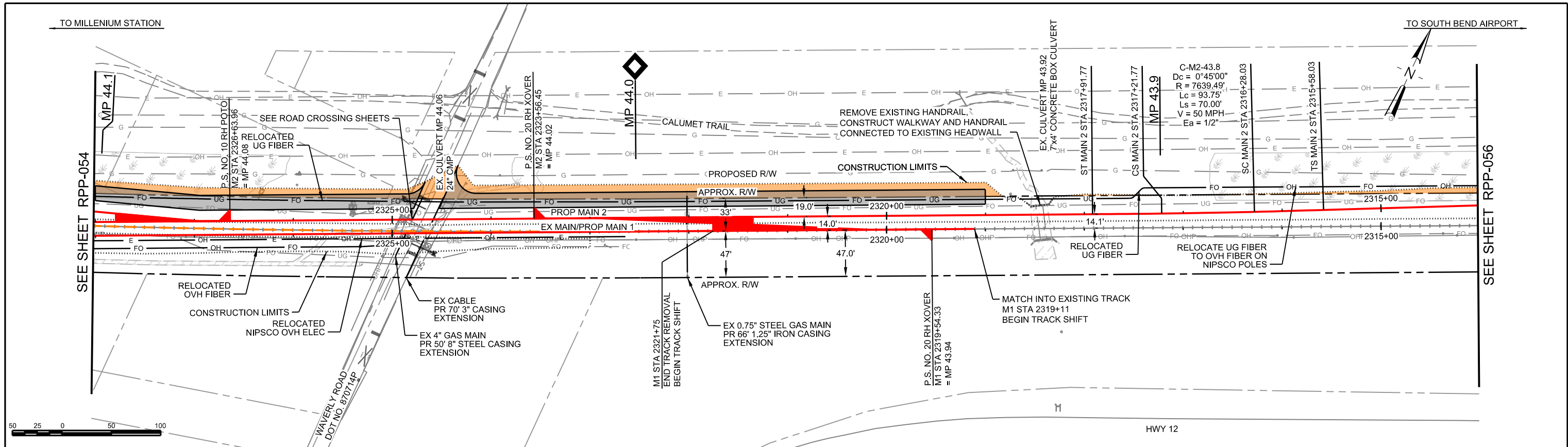


ISSUE	DATE	DESCRIPTION
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DESIGNED:	HDR-PJL
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CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		
PLAN AND PROFILE STA 2328+00 TO 2342+00 MP 44.1 TO 44.4		
FILENAME	NICTD-R-ML01-PP-00	SHEET
SCALE	AS NOTED	063 OF 193



PROP MAIN 2 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-055 OF RPP-138

PLOT DATE: 5/16/2017 4:06:04 PM WJACKSON



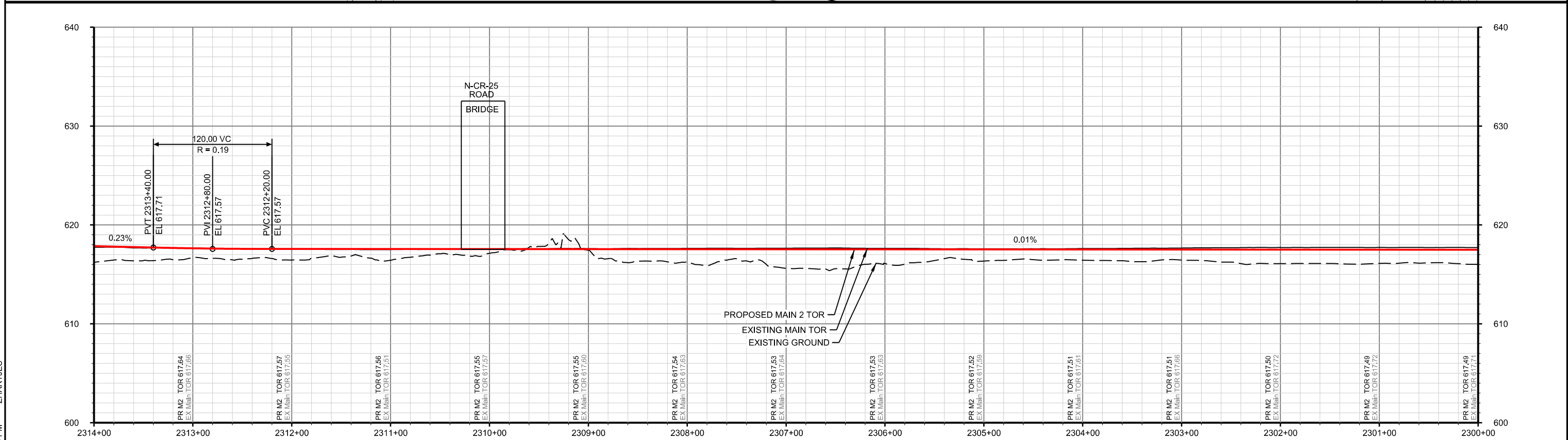
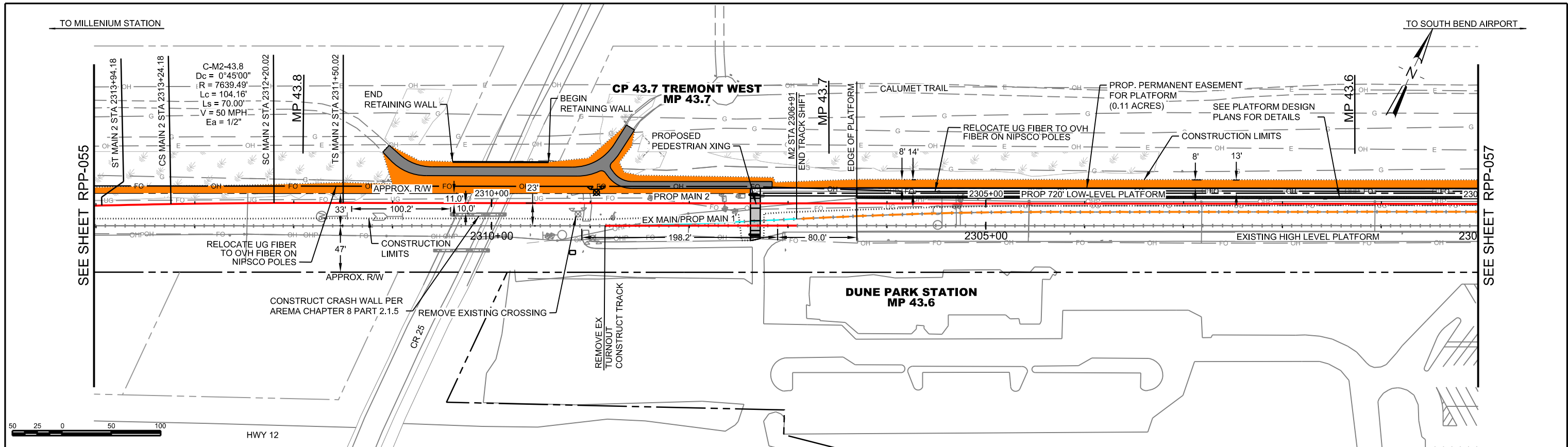
ISSUE	DATE	DESCRIPTION
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DESIGNED:	HDR-PJL
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CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

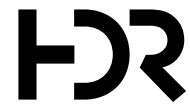
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SCALE	AS NOTED		

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NMI
PLAN AND PROFILE
STA 2314+00 TO 2328+00
MP 43.8 TO 44.1



PROP MAIN 2 PROFILE

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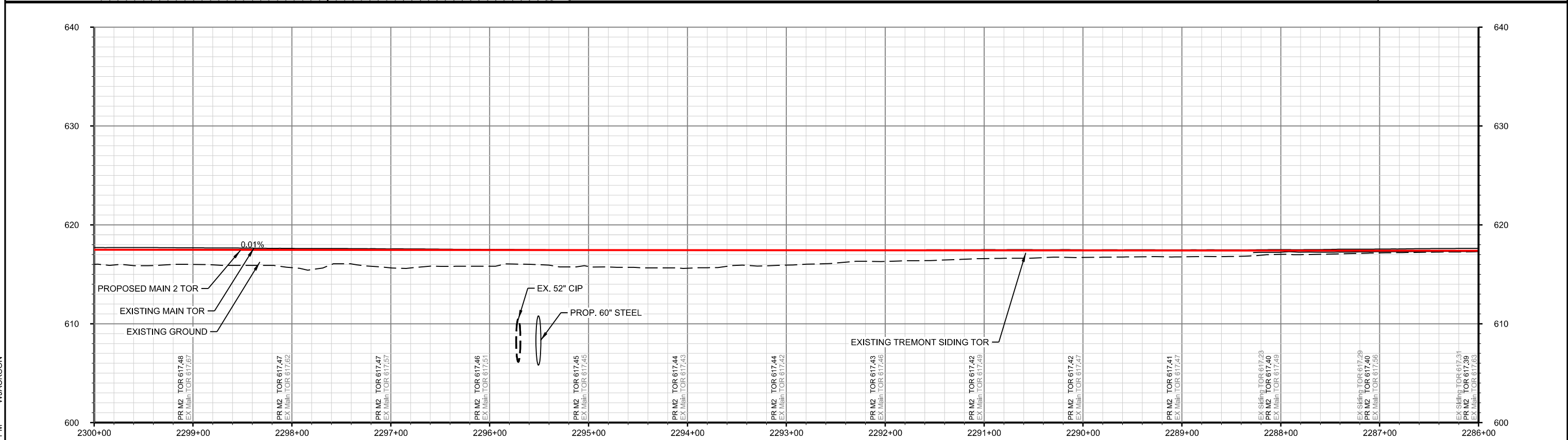
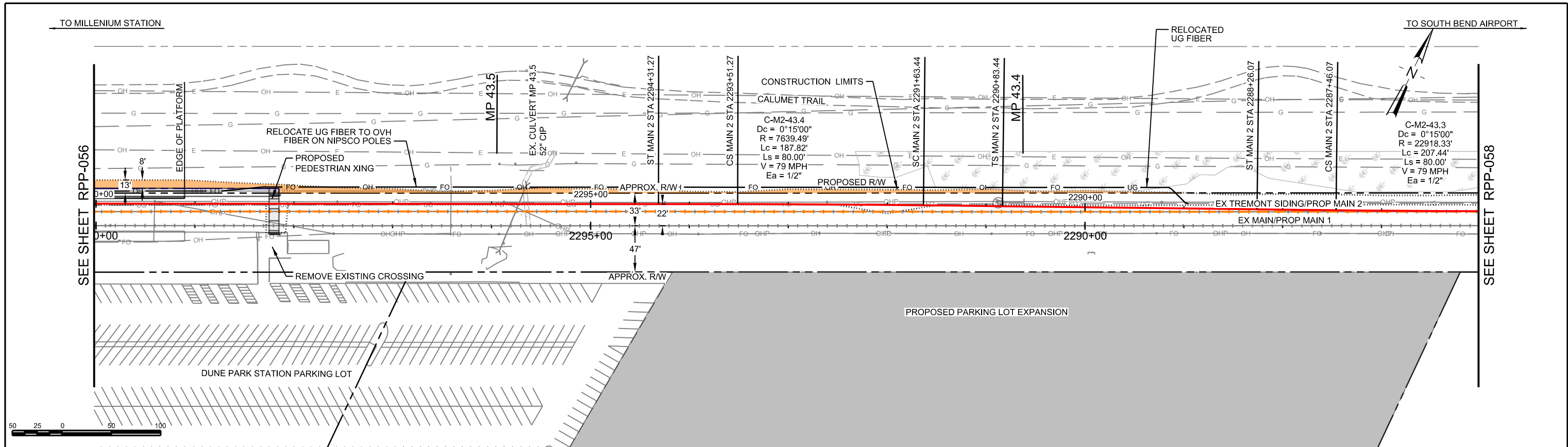
Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

DESIGNED: HDR-PJL
DRAWN: HDR-WJJ
CHECKED: HDR-ZDH
DATE: MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-00	SHEET	065 OF 193
SCALE	AS NOTED		

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

PLOT DATE: 5/16/2017 6:07:34 PM ZHARTJES



PLOT DATE: 5/16/2017 4:06:11 PM WJACKSON



ISSUE	DATE	DESCRIPTION
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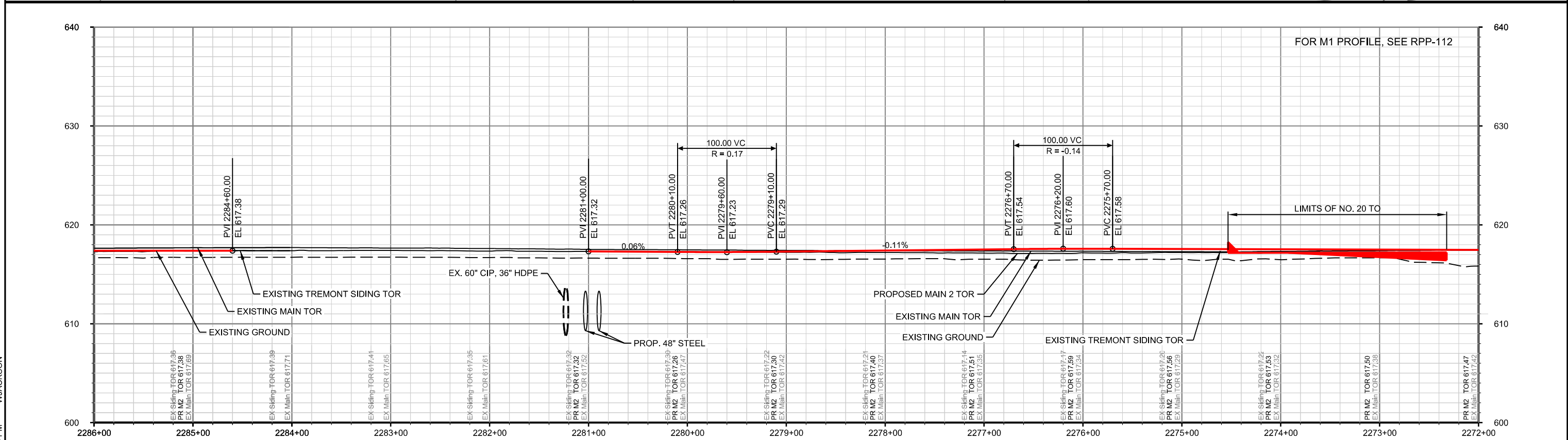
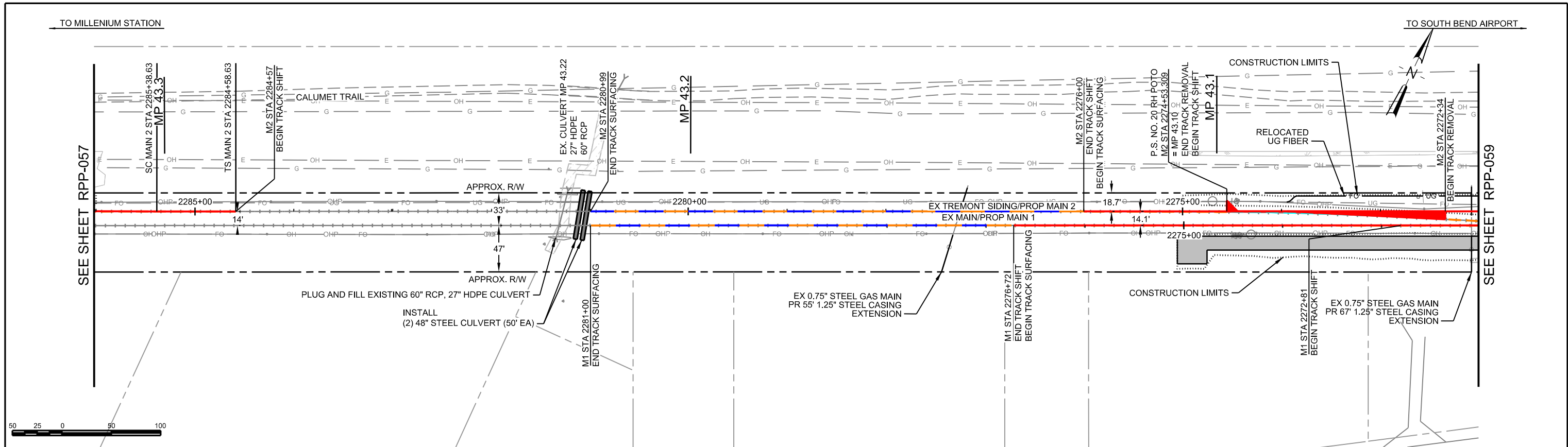
DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NOT FOR CONSTRUCTION SERIES RPP-057 OF RPP-138

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NMI

PLAN AND PROFILE
STA 2286+00 TO 2300+00
MP 43.3 TO 43.6

FILENAME	NICTD-R-ML01-PP-0	SHEET	066 OF 193
SCALE	AS NOTED		



PROP MAIN 2 PROFILE

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PLOT DATE: 5/16/2017 4:06:14 PM WJACKSON

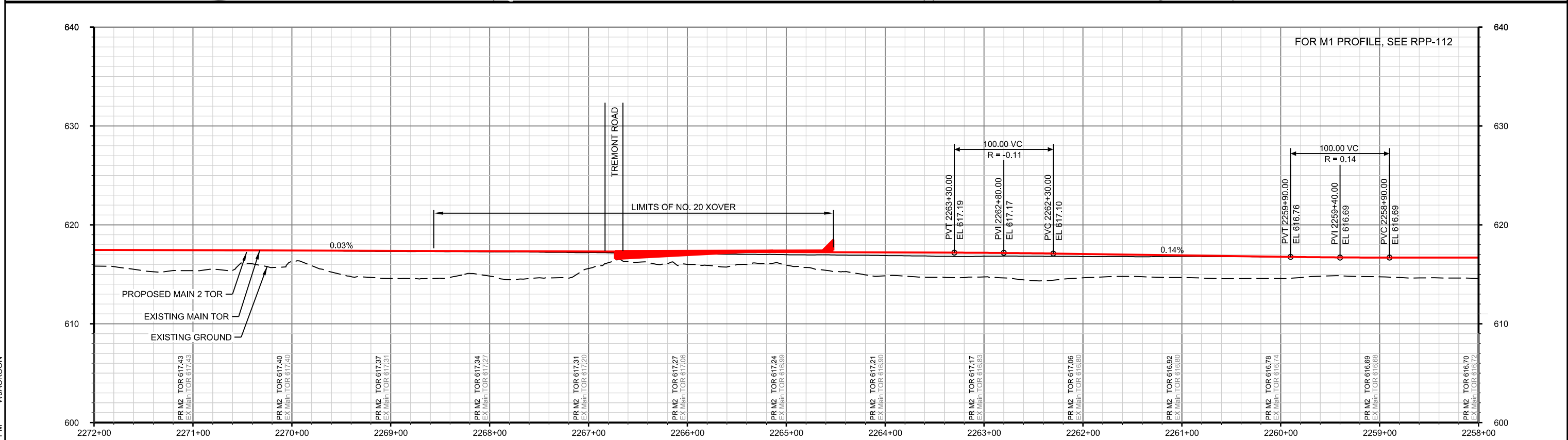
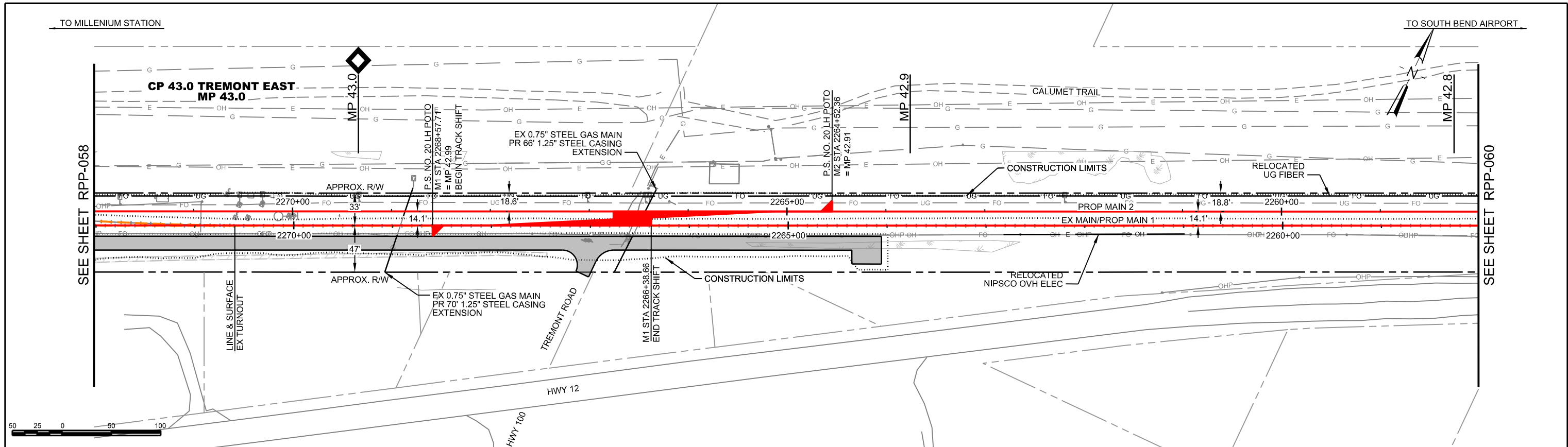


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	067 OF 193
SCALE	AS NOTED		



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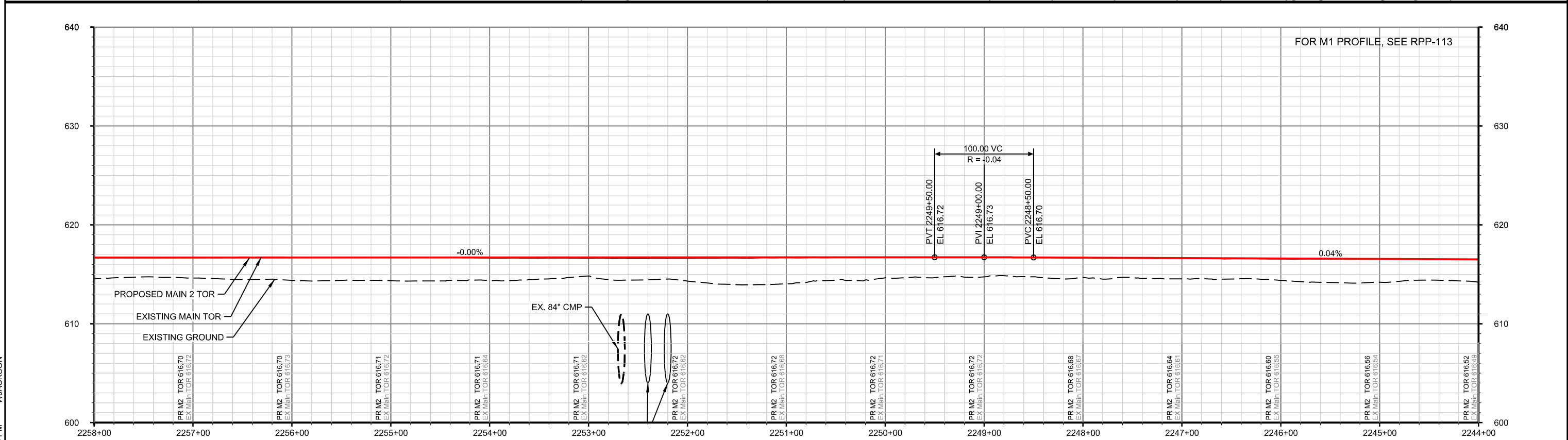
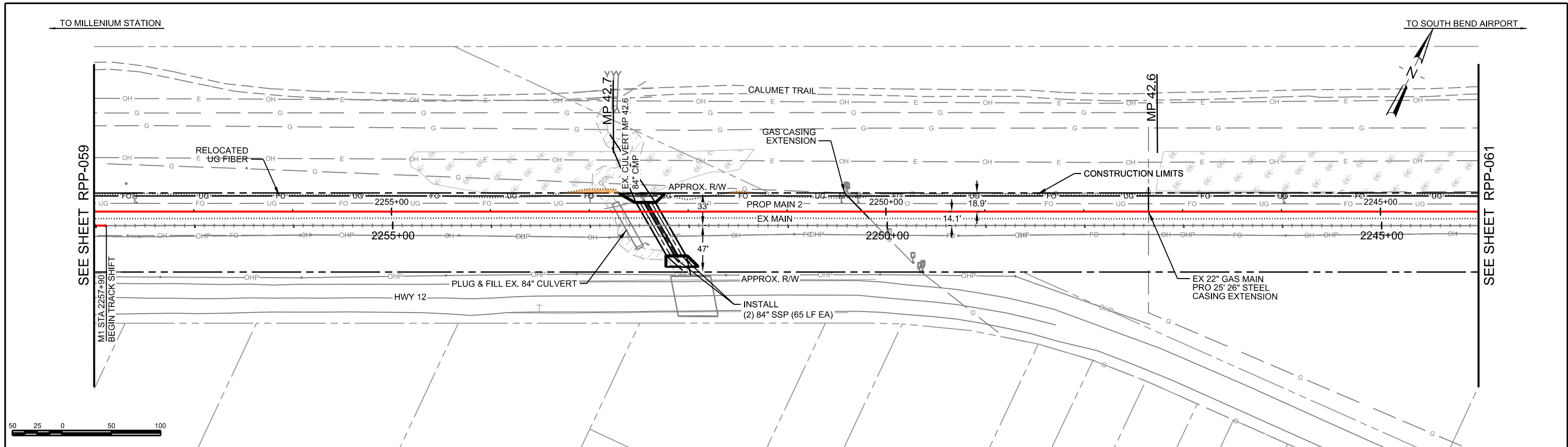
Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

DESIGNED: HDR-PJL
DRAWN: HDR-WJJ
CHECKED: HDR-ZDH
DATE: MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	068 OF 193
SCALE	AS NOTED		

PLOT DATE: 5/16/2017 4:06:17 PM WJACKSON

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



PROP MAIN 2 PROFILE

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Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

DESIGNED: HDR-PJL
DRAWN: HDR-WJJ
CHECKED: HDR-ZDH
DATE: MAY 12, 2017

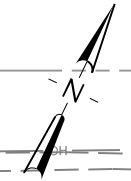
NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NMI	
PLAN AND PROFILE STA 2244+00 TO 2258+00 MP 42.5 TO 42.8	
FILENAME	NICTD-R-ML01-PP-0
SCALE	AS NOTED
SHEET	069 OF 193

PLOT DATE: 5/16/2017 4:06:20 PM WJACKSON

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

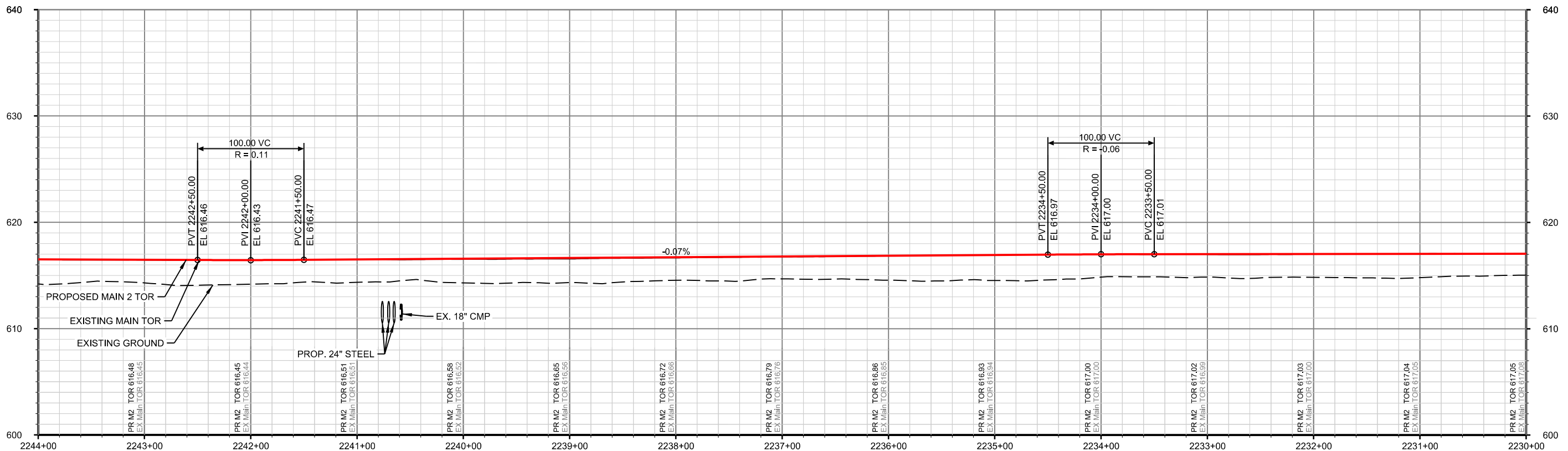
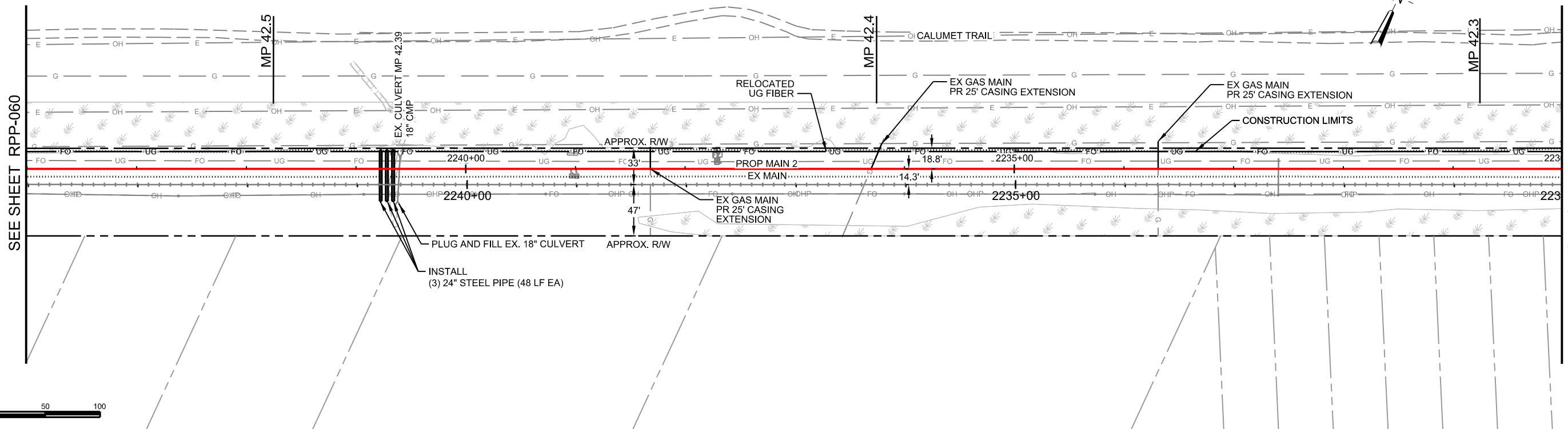
TO MILLENIUM STATION

TO SOUTH BEND AIRPORT



SEE SHEET RPP-060

SEE SHEET RPP-062



PROP MAIN 2 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-061 OF RPP-138

PLOT DATE: 5/16/2017 4:06:23 PM WJACKSON



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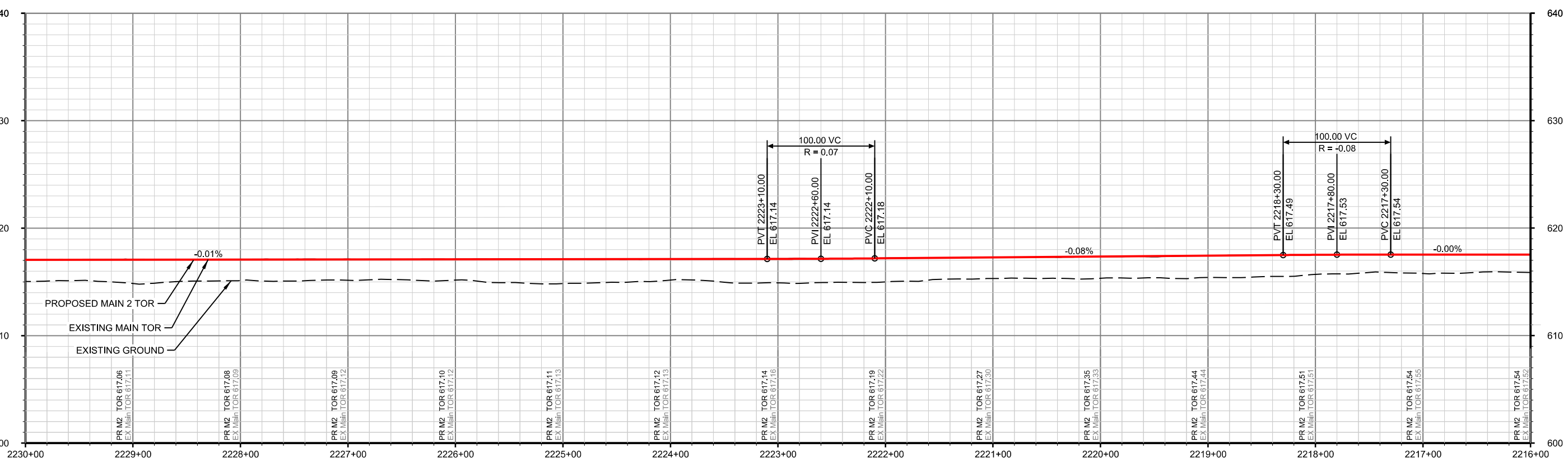
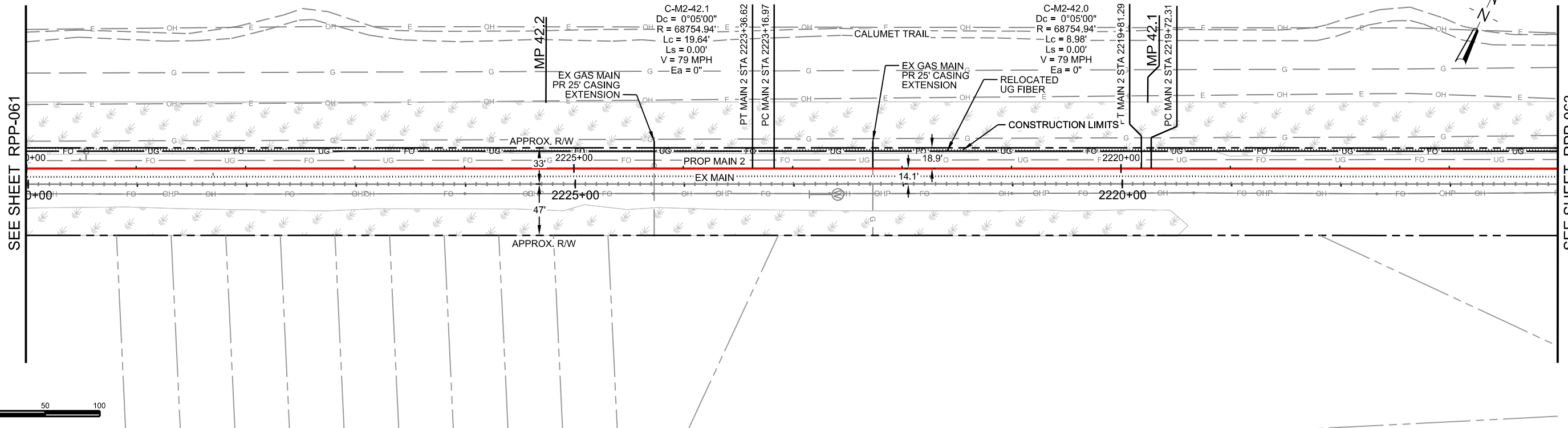
Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	070 OF 193
SCALE	AS NOTED		

TO MILLENIUM STATION

TO SOUTH BEND AIRPORT



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Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

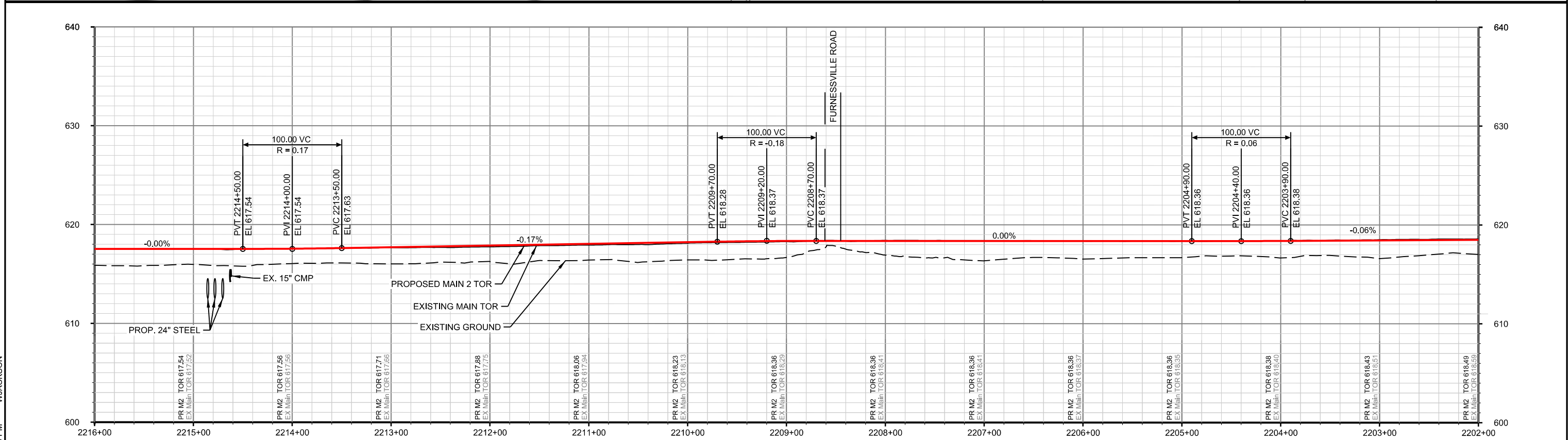
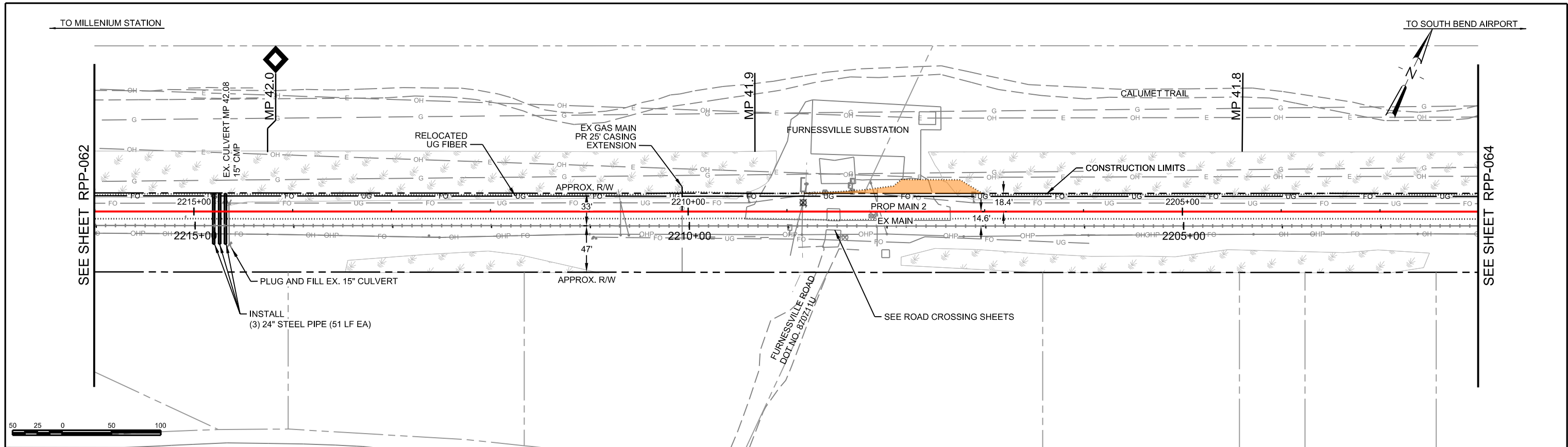
DESIGNED: HDR-PJL
DRAWN: HDR-WJJ
CHECKED: HDR-ZDH
DATE: MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI
PLAN AND PROFILE
STA 2216+00 TO 2230+00
MP 42.0 TO 42.3

FILENAME: NICTD-R-ML01-PP-0
SCALE: AS NOTED
SHEET: **071 OF 193**

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

PLOT DATE: 5/16/2017 4:06:27 PM WJACKSON



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NOT FOR CONSTRUCTION SERIES RPP-063 OF RPP-138

PLOT DATE: 5/16/2017 4:06:30 PM WJACKSON

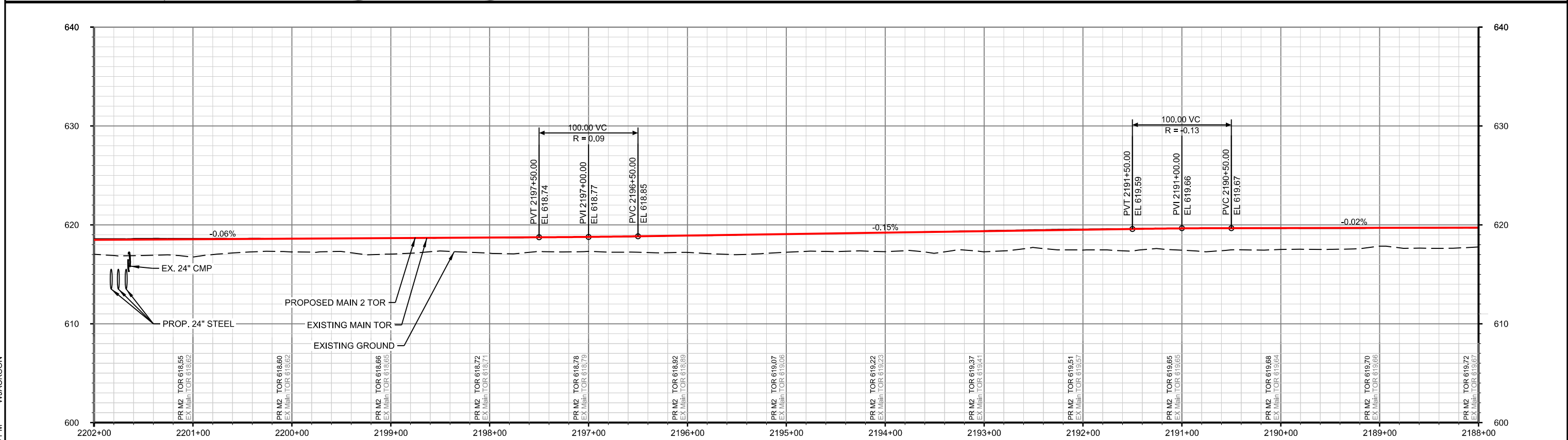
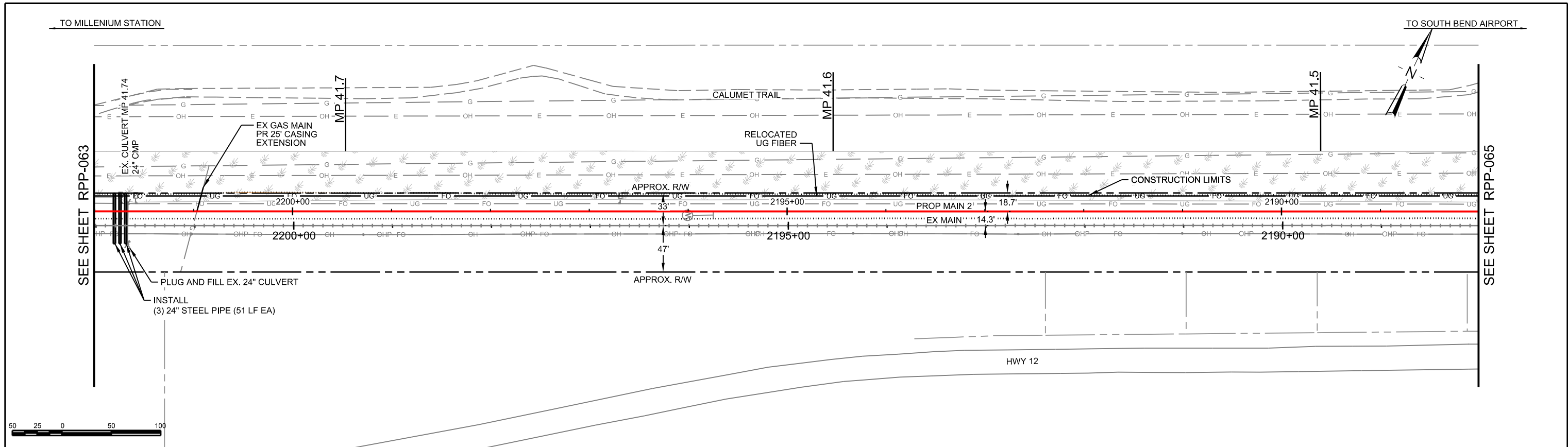


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI	
PLAN AND PROFILE STA 2202+00 TO 2216+00 MP 41.7 TO 42.0	
FILENAME	NICTD-R-ML01-PP-0
SCALE	AS NOTED
SHEET	072 OF 193



PLOT DATE: 5/16/2017 4:06:33 PM WJACKSON



ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



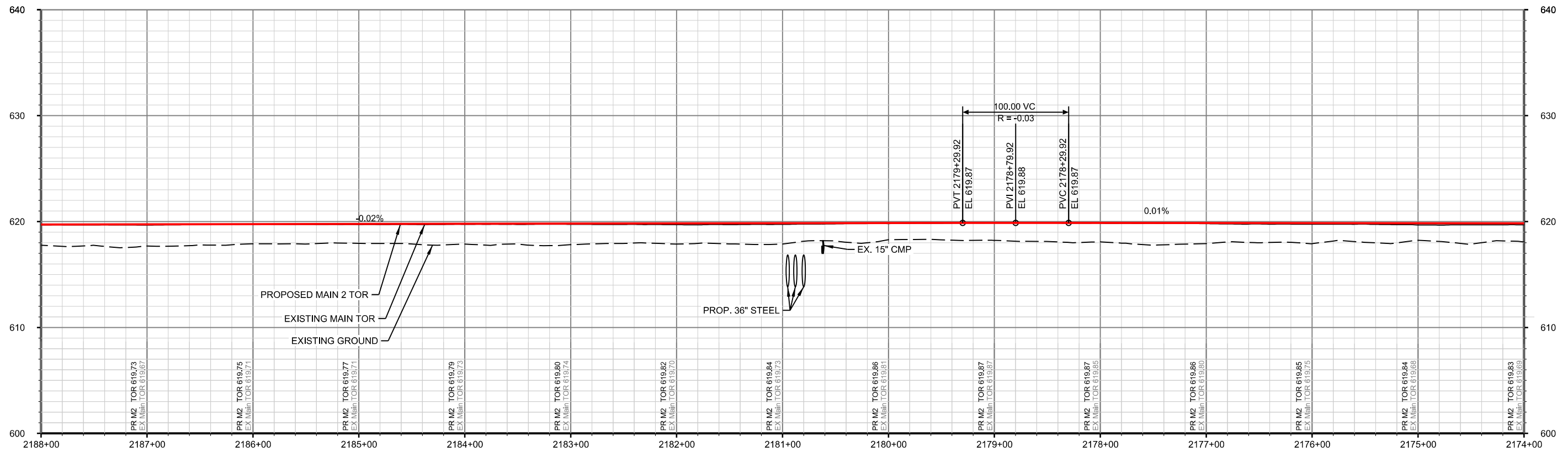
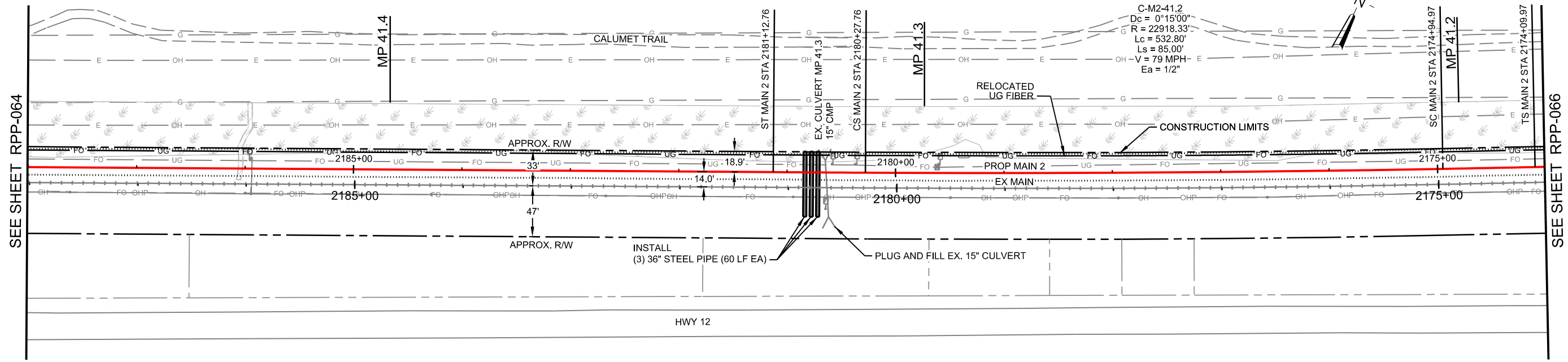
DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NOT FOR CONSTRUCTION SERIES RPP-064 OF RPP-138

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		
PLAN AND PROFILE		
STA 2188+00 TO 2202+00		
MP 41.5 TO 41.7		
FILENAME	NICTD-R-ML01-PP-0	SHEET
SCALE	AS NOTED	073 OF 193

TO MILLENIUM STATION

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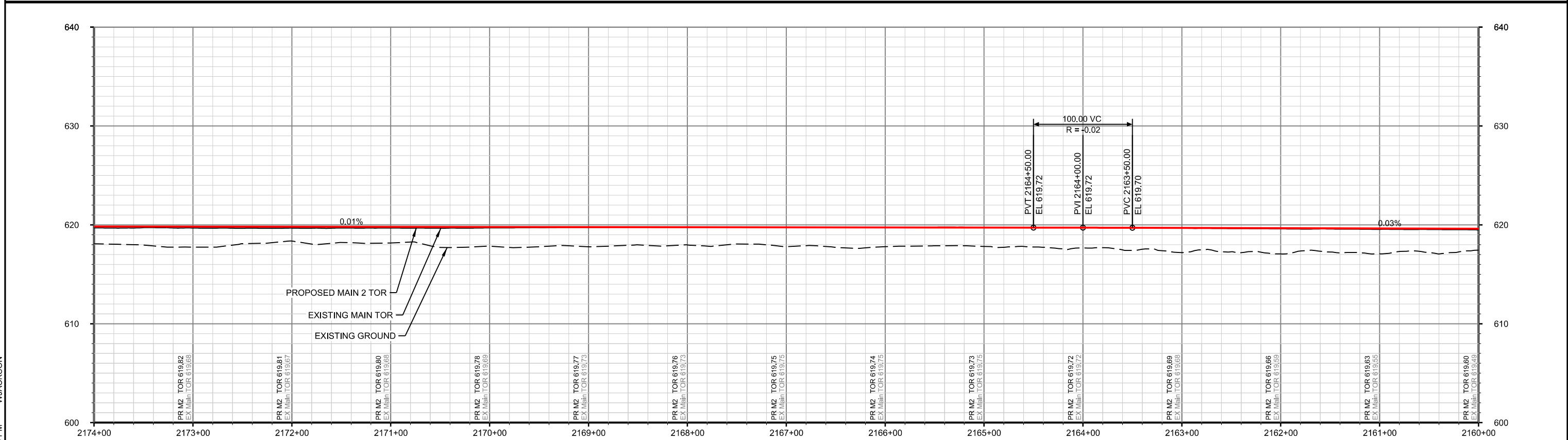
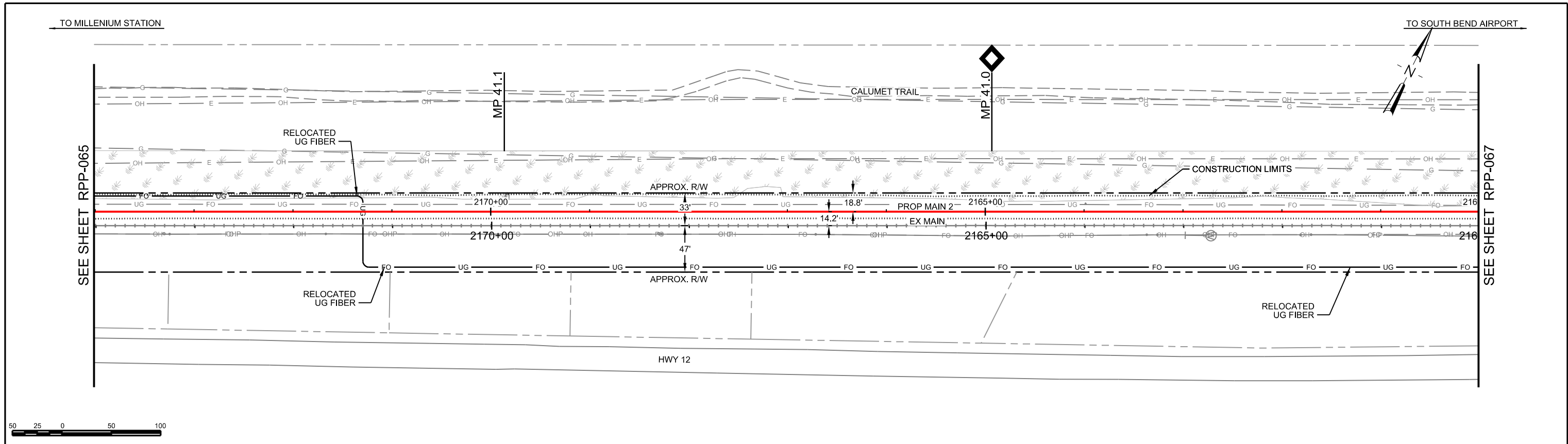
DESIGNED: HDR-PJL
DRAWN: HDR-WJJ
CHECKED: HDR-ZDH
DATE: MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NMI
PLAN AND PROFILE
STA 2174+00 TO 2188+00
MP 41.2 TO 41.5

FILENAME: NICTD-R-ML01-PP-0 SHEET: 074 OF 193
SCALE: AS NOTED

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

PLOT DATE: 5/16/2017 4:06:36 PM WJACKSON



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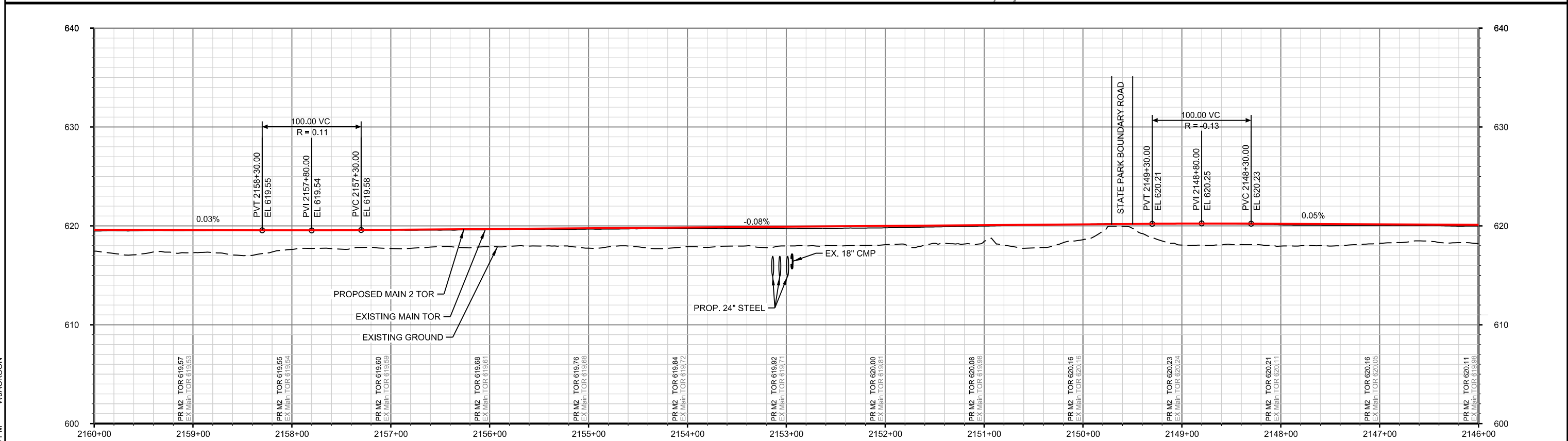
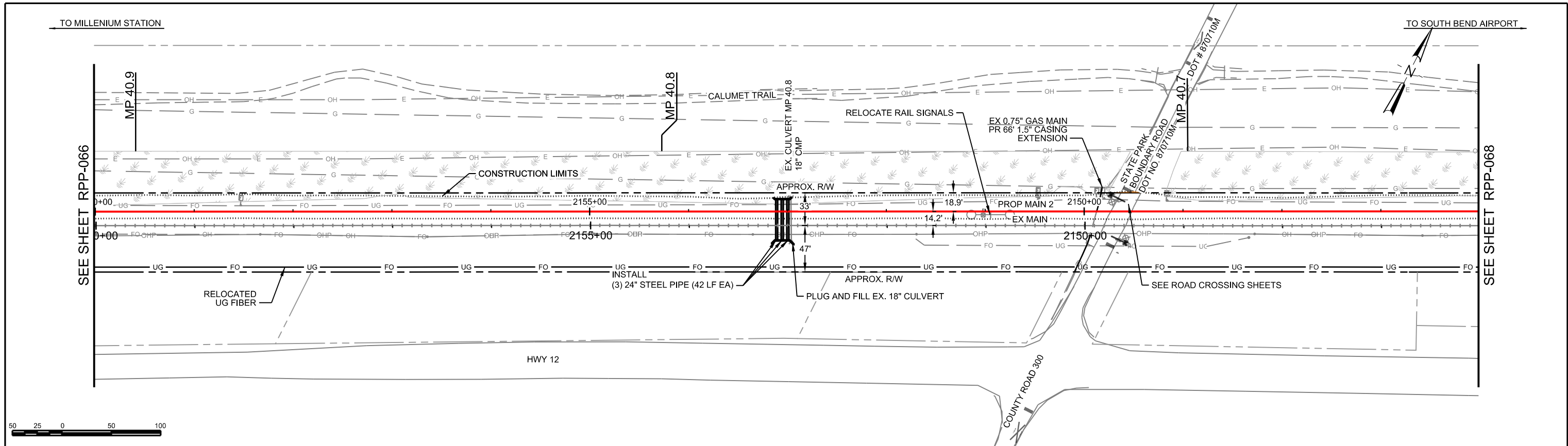
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DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	075 OF 193
SCALE	AS NOTED		

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI
PLAN AND PROFILE
STA 2160+00 TO 2174+00
MP 39.9 TO 41.2



PROP MAIN 2 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-067 OF RPP-138

PLOT DATE: 5/16/2017 4:06:43 PM WJACKSON

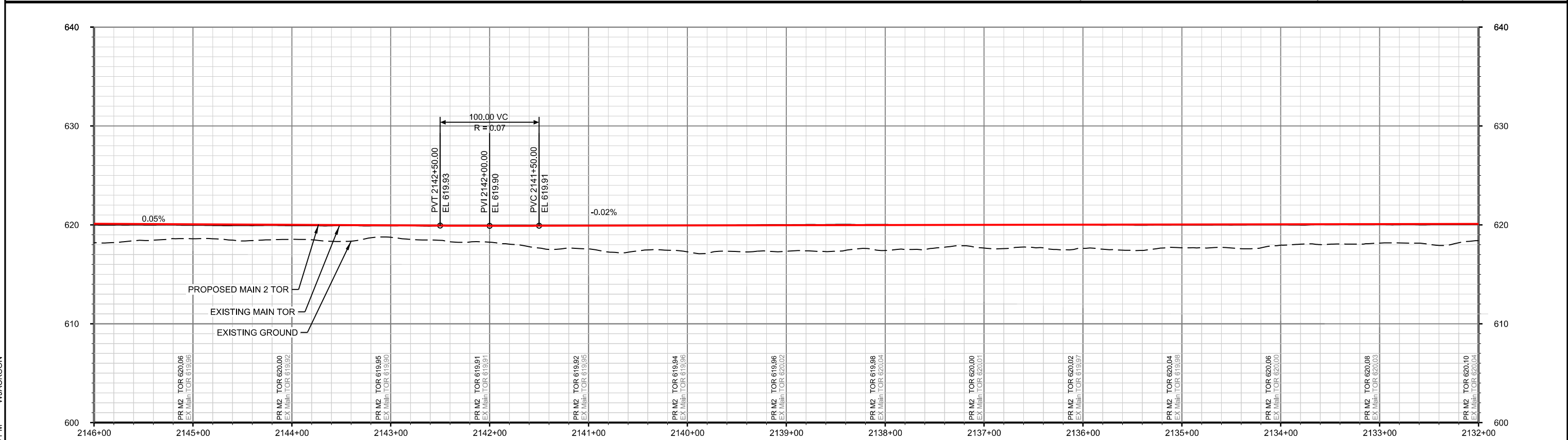
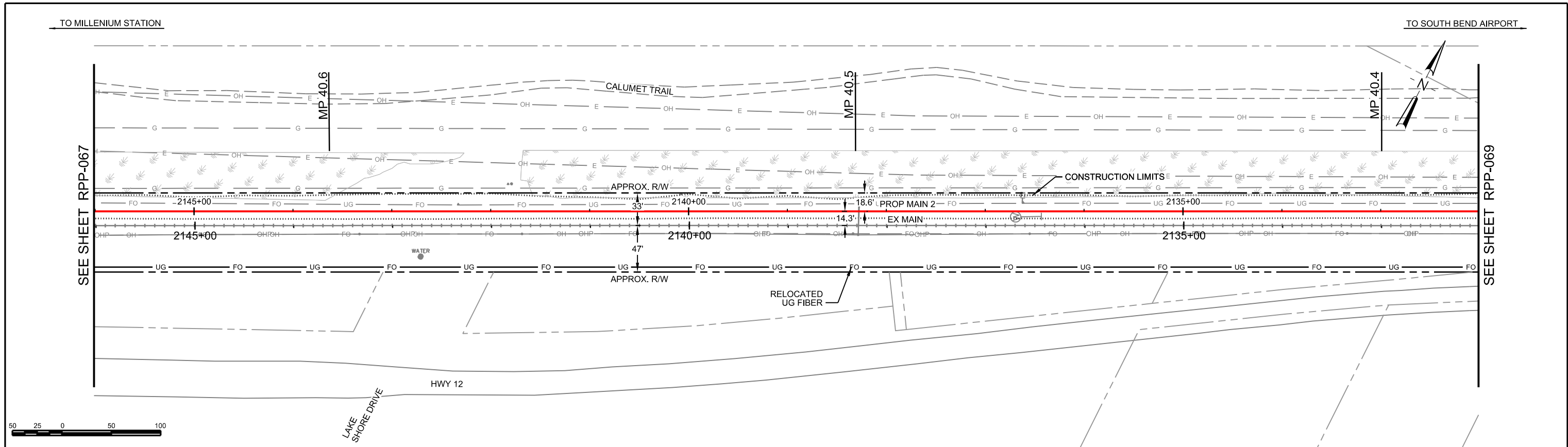


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	076 OF 193
SCALE	AS NOTED		



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DRAWN: HDR-WJJ
CHECKED: HDR-ZDH
DATE: MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	077 OF 193
SCALE	AS NOTED		

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

PLOT DATE: 5/16/2017 4:06:46 PM WJACKSON

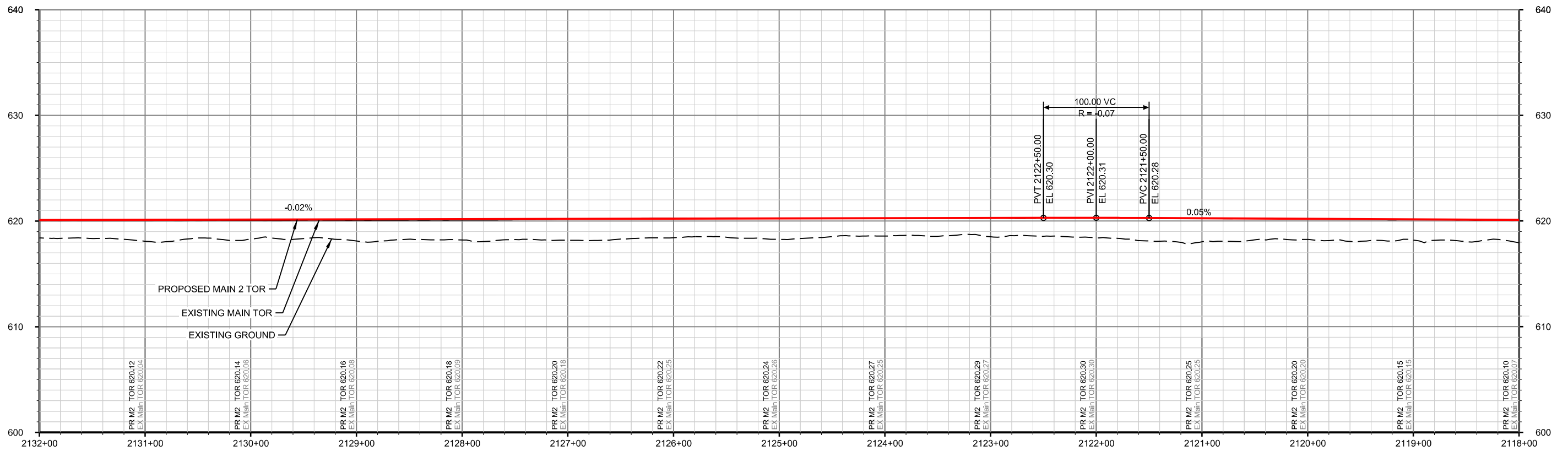
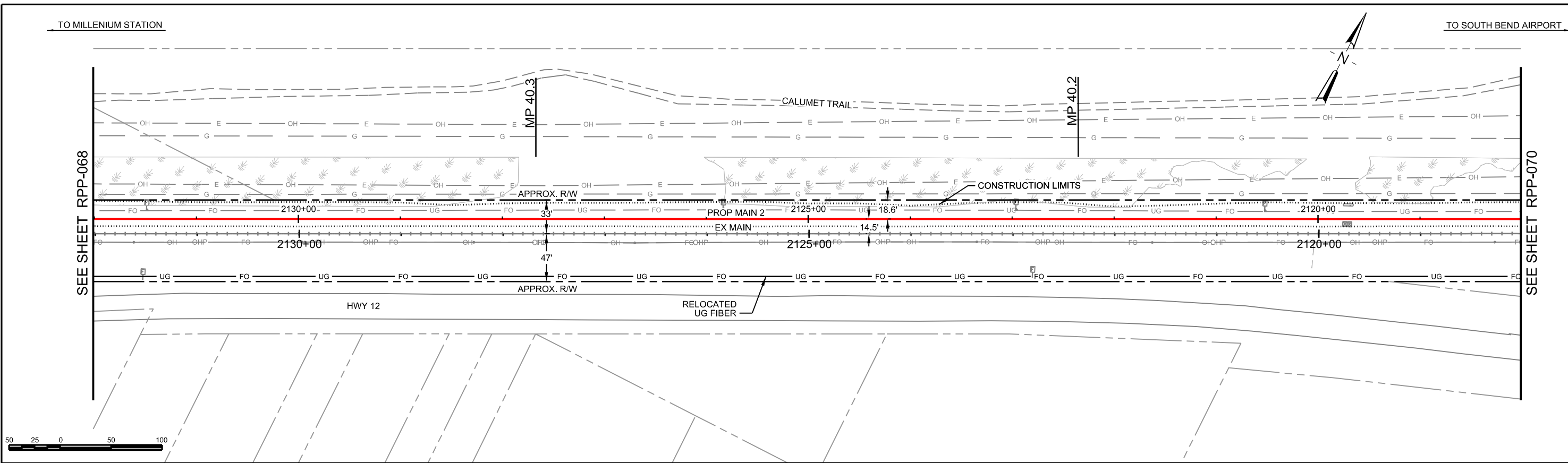
TO MILLENIUM STATION

TO SOUTH BEND AIRPORT



SEE SHEET RPP-068

SEE SHEET RPP-070



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PLOT DATE: 5/16/2017 4:06:49 PM WJACKSON

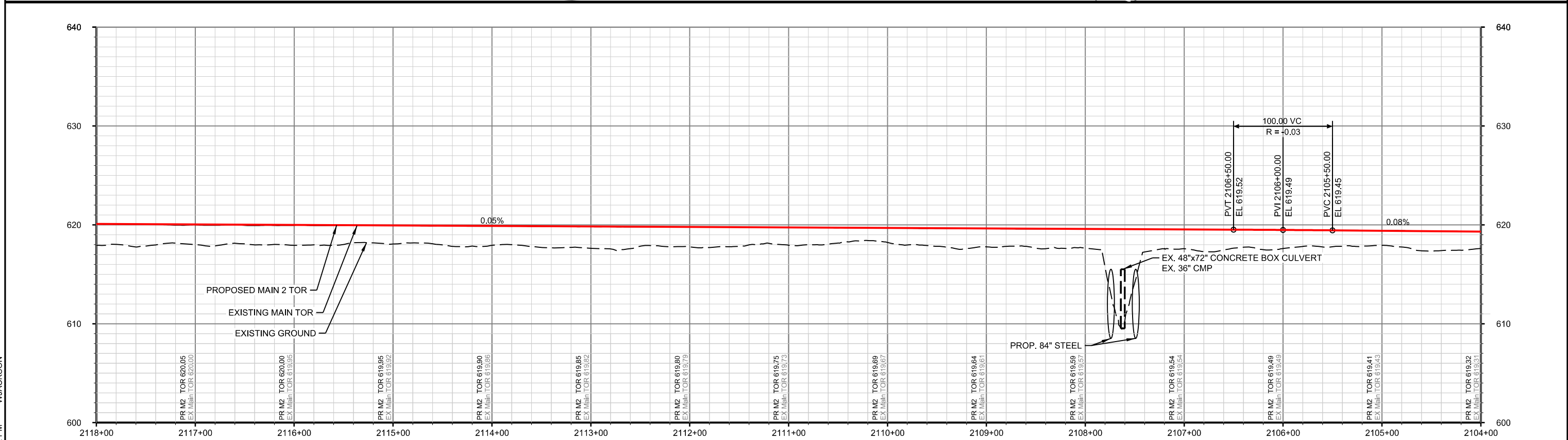
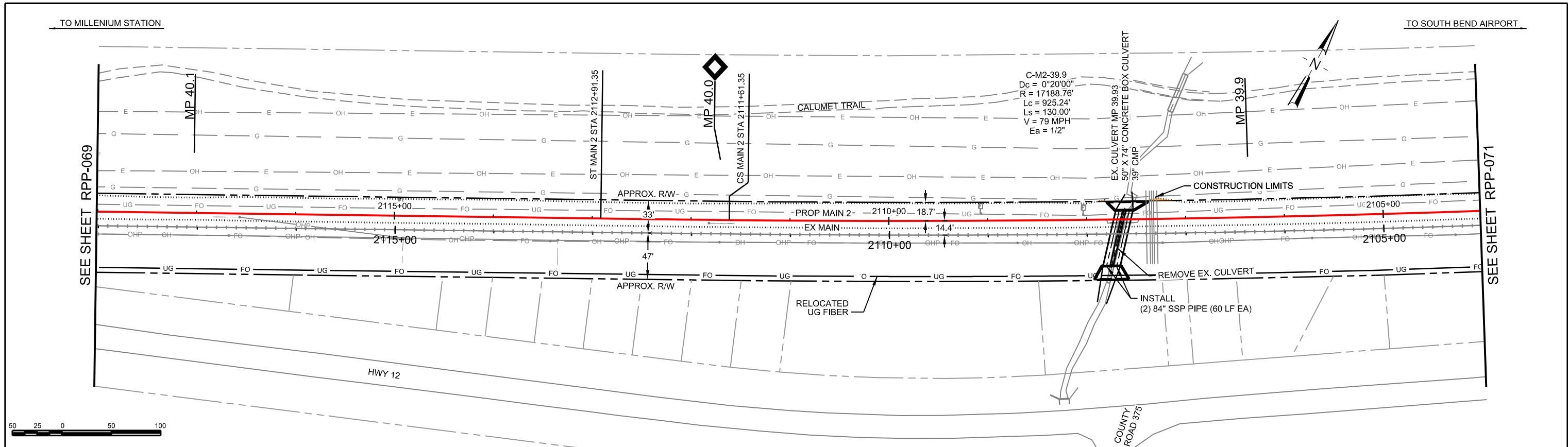


ISSUE	DATE	DESCRIPTION
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DESIGNED:	HDR-PJL
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CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	078 OF 193
SCALE	AS NOTED		



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DESIGNED: HDR-PJL
DRAWN: HDR-WJJ
CHECKED: HDR-ZDH
DATE: MAY 12, 2017

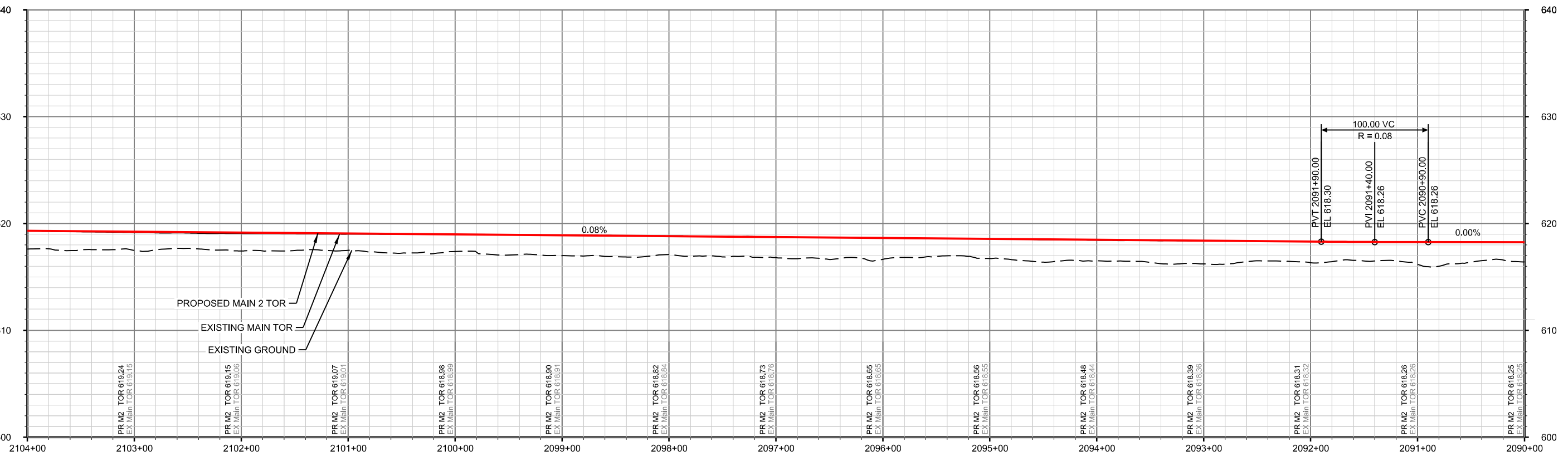
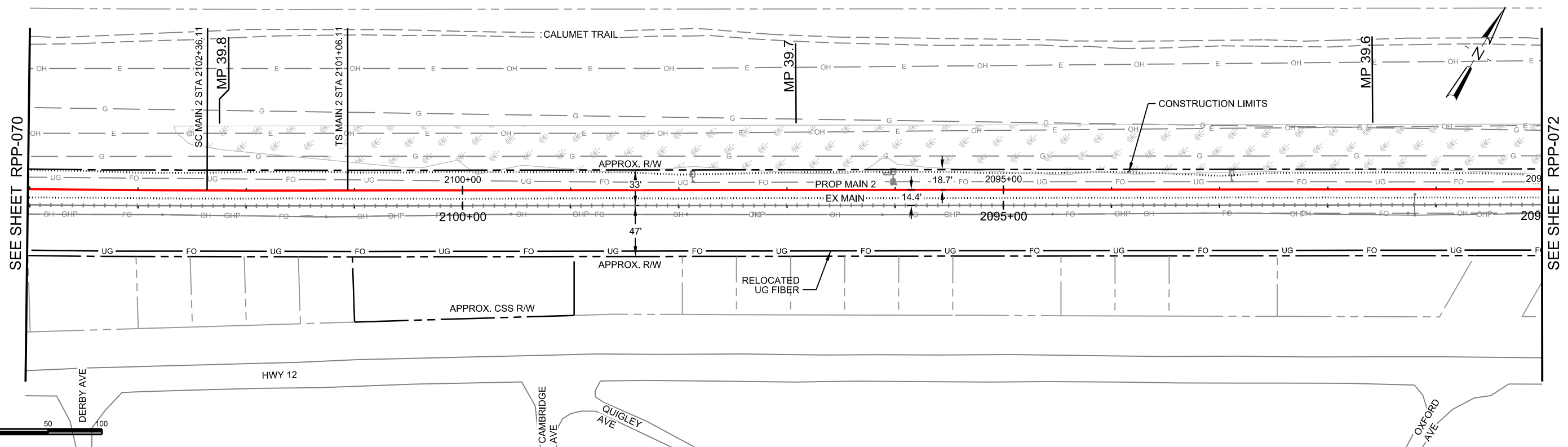
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SCALE	AS NOTED		

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

PLOT DATE: 5/16/2017 4:06:52 PM WJACKSON

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Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

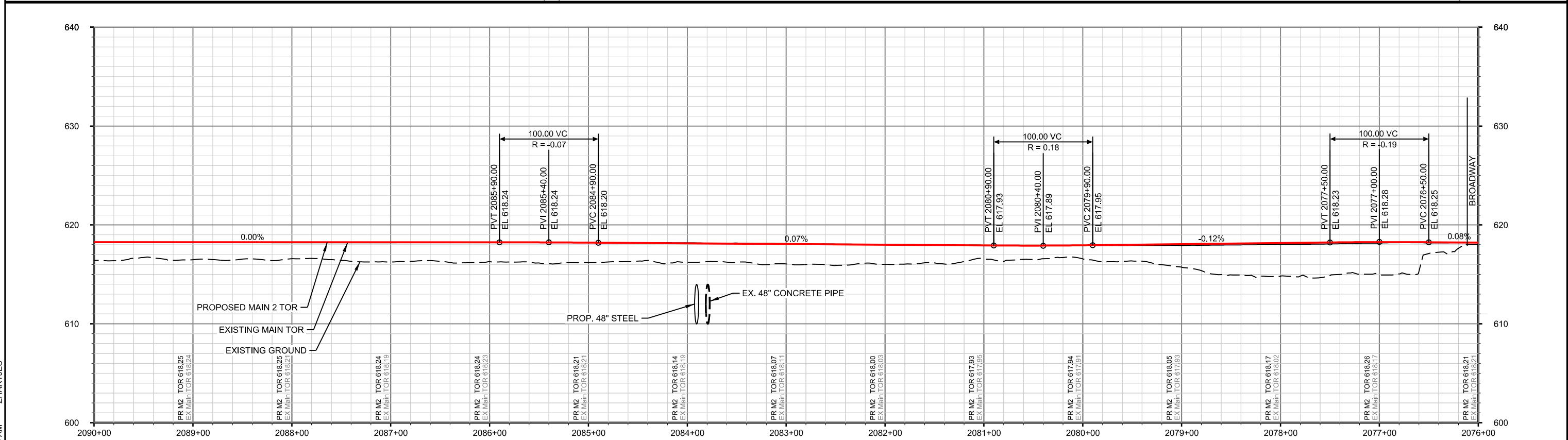
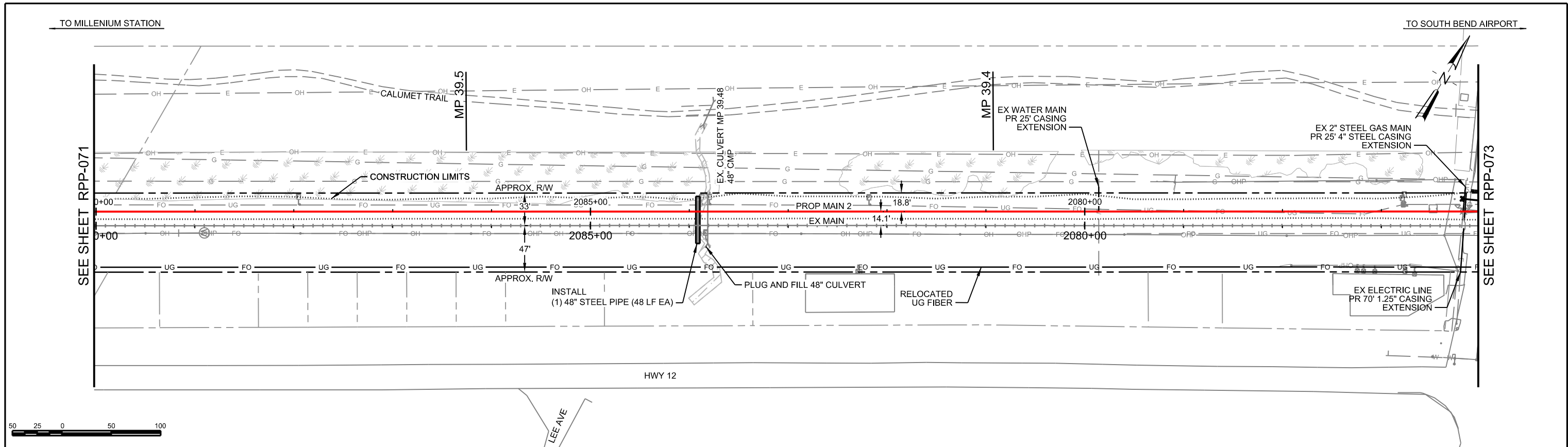
DESIGNED: HDR-PJL
DRAWN: HDR-WJJ
CHECKED: HDR-ZDH
DATE: MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NMI
PLAN AND PROFILE
STA 2090+00 TO 2104+00
MP 39.6 TO 39.8

FILENAME: NICTD-R-ML01-PP-0 SHEET: 080 OF 193
SCALE: AS NOTED

ISSUE	DATE	DESCRIPTION
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PLOT DATE: 5/16/2017 4:06:55 PM WJACKSON



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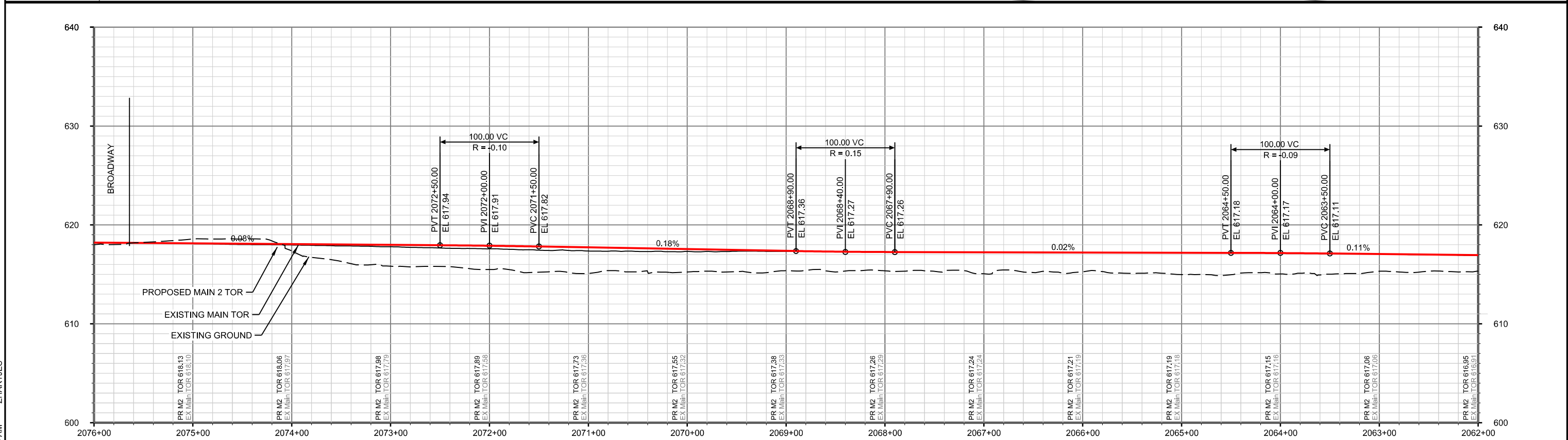
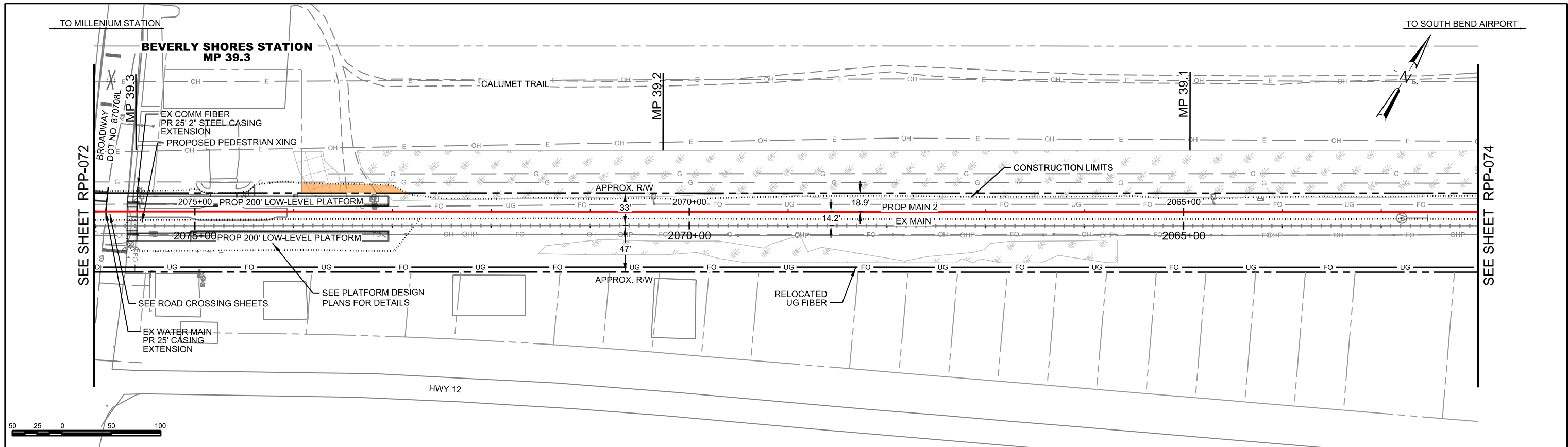


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MICHIGAN CITY TO GARY, INDIANA

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DRAWN:	HDR-WJJ
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DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-00	SHEET	081 OF 193
SCALE	AS NOTED		

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI
PLAN AND PROFILE
STA 2076+00 TO 2090+00
MP 39.3 TO 39.6



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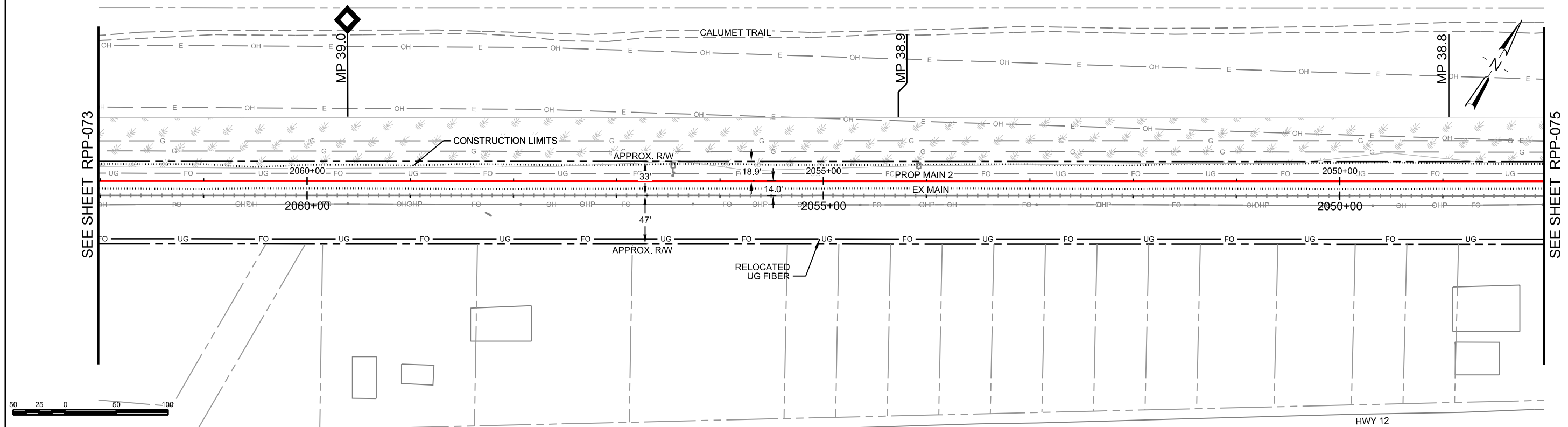
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DRAWN: HDR-WJJ
CHECKED: HDR-ZDH
DATE: MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI	
PLAN AND PROFILE STA 2062+00 TO 2076+00 MP 39.0 TO 39.3	
FILENAME	NICTD-R-ML01-PP-00
SCALE	AS NOTED
SHEET	082 OF 193

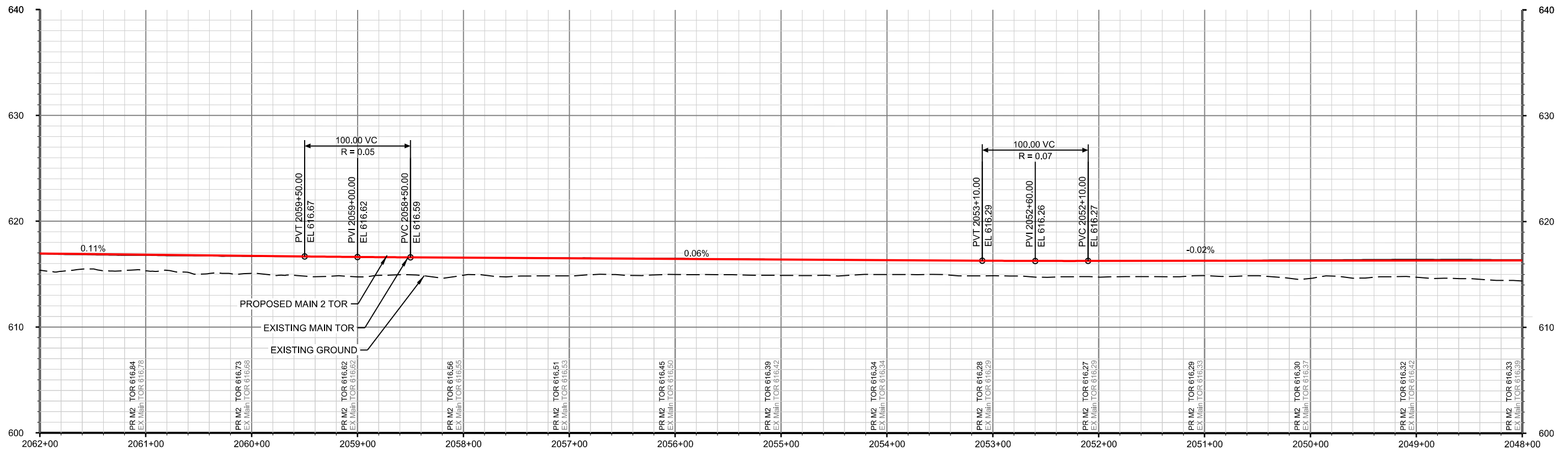
ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

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HWY 12



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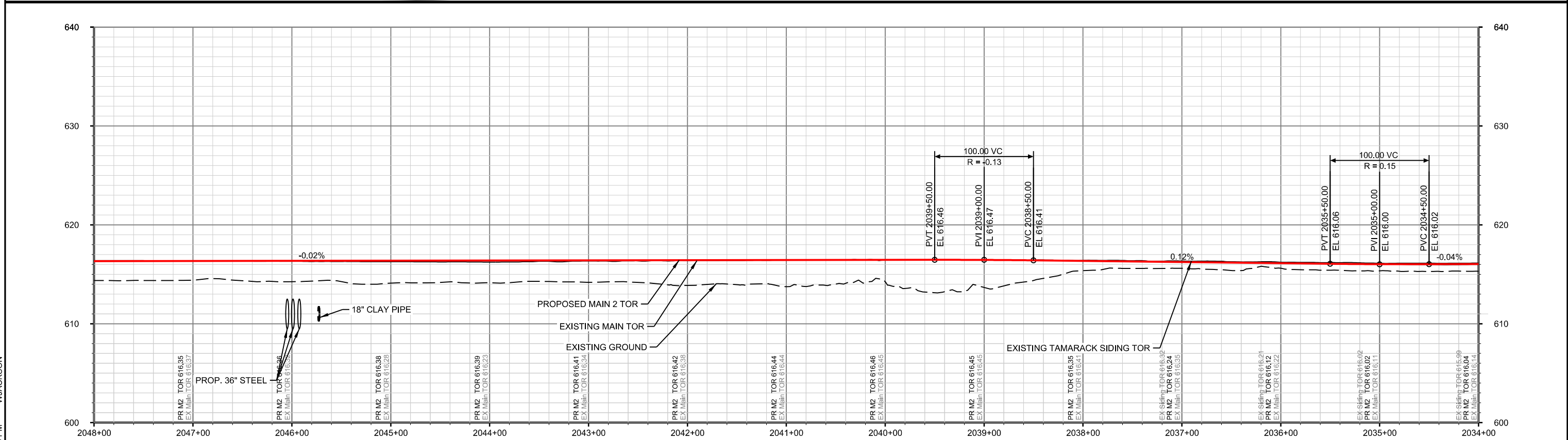
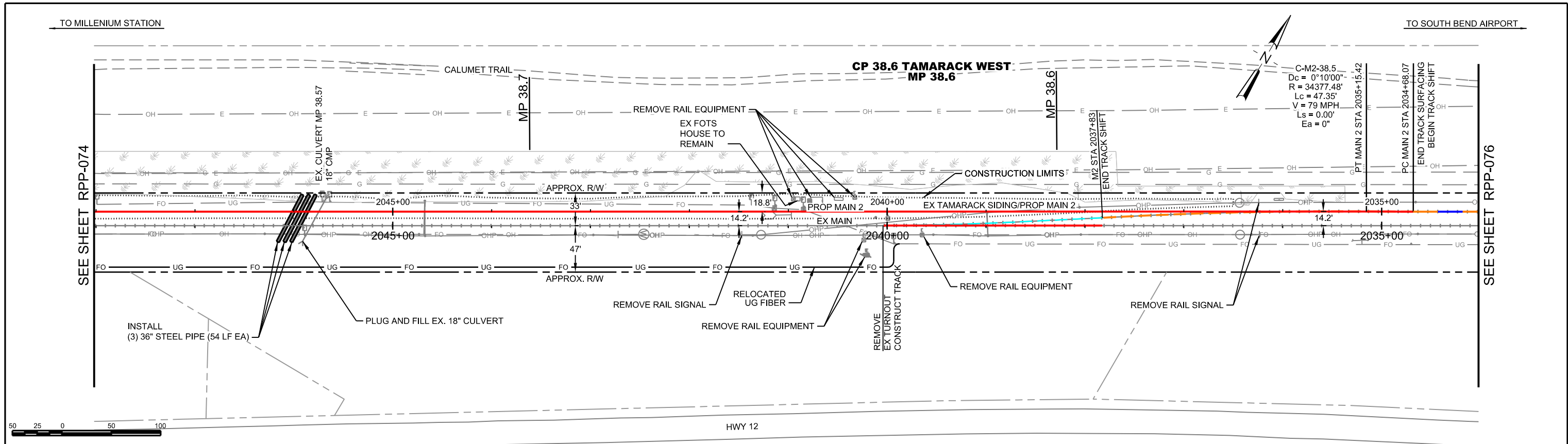
Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

DESIGNED: HDR-PJL
DRAWN: HDR-WJJ
CHECKED: HDR-ZDH
DATE: MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	083 OF 193
SCALE	AS NOTED		

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

PLOT DATE: 5/16/2017 4:07:05 PM WJACKSON



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Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

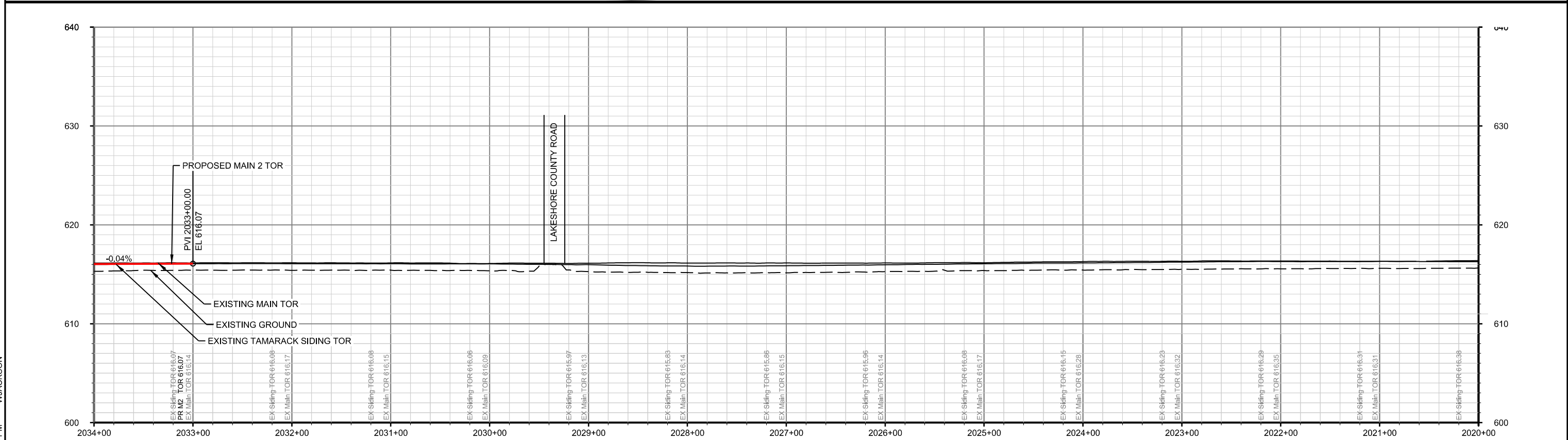
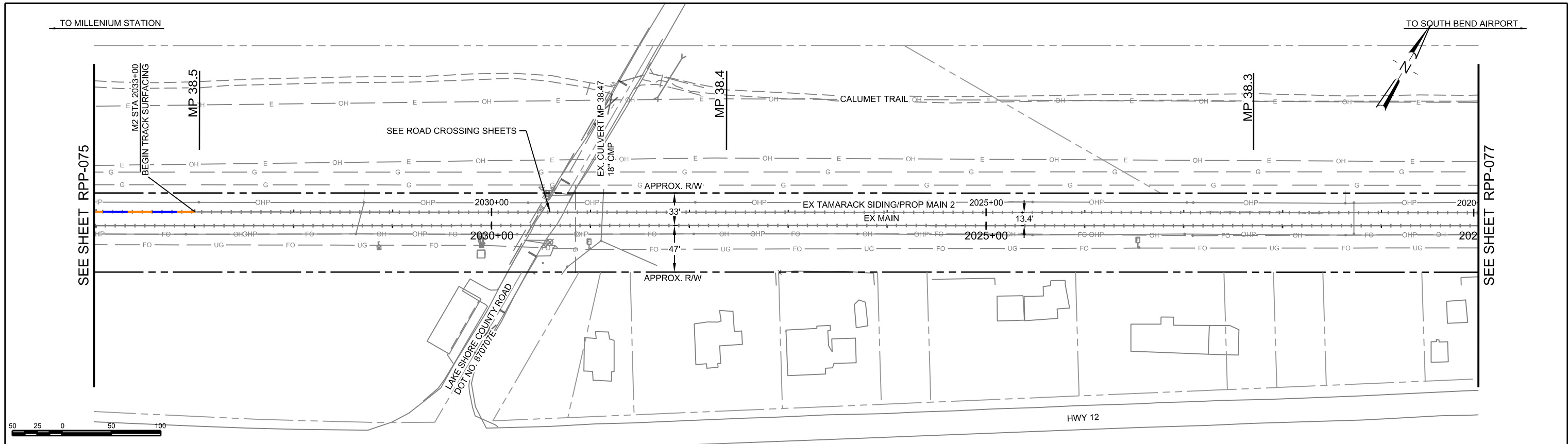
DESIGNED: HDR-PJL
DRAWN: HDR-WJJ
CHECKED: HDR-ZDH
DATE: MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NMI
PLAN AND PROFILE
STA 2034+00 TO 2048+00
MP 38.5 TO 38.8

FILENAME: NICTD-R-ML01-PP-0 SHEET: 084 OF 193
SCALE: AS NOTED

ISSUE	DATE	DESCRIPTION
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PLOT DATE: 5/16/2017 4:07:08 PM WJACKSON



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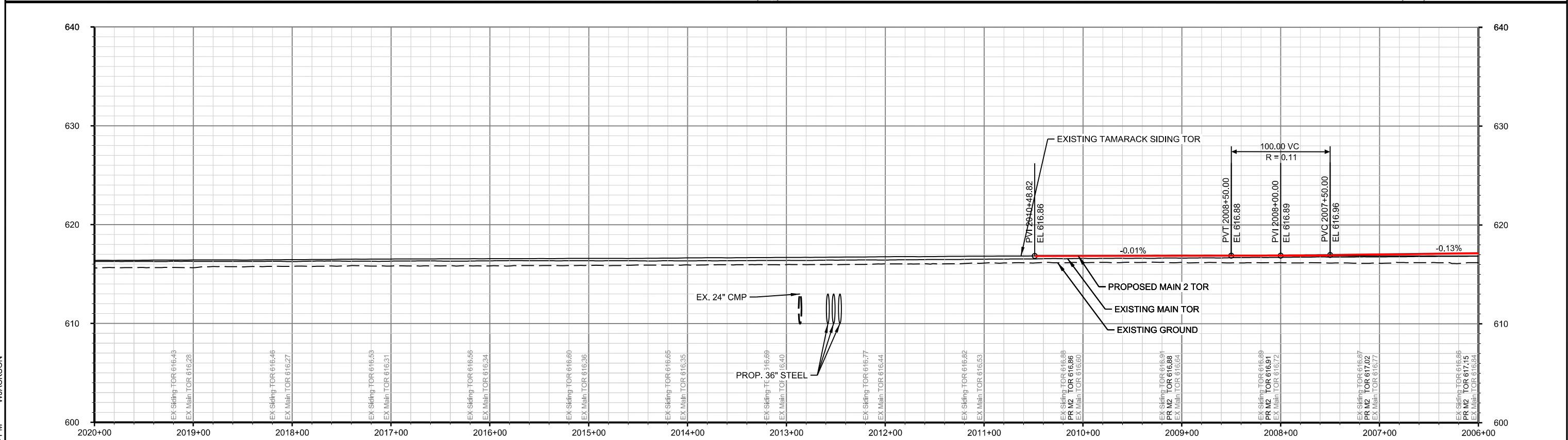
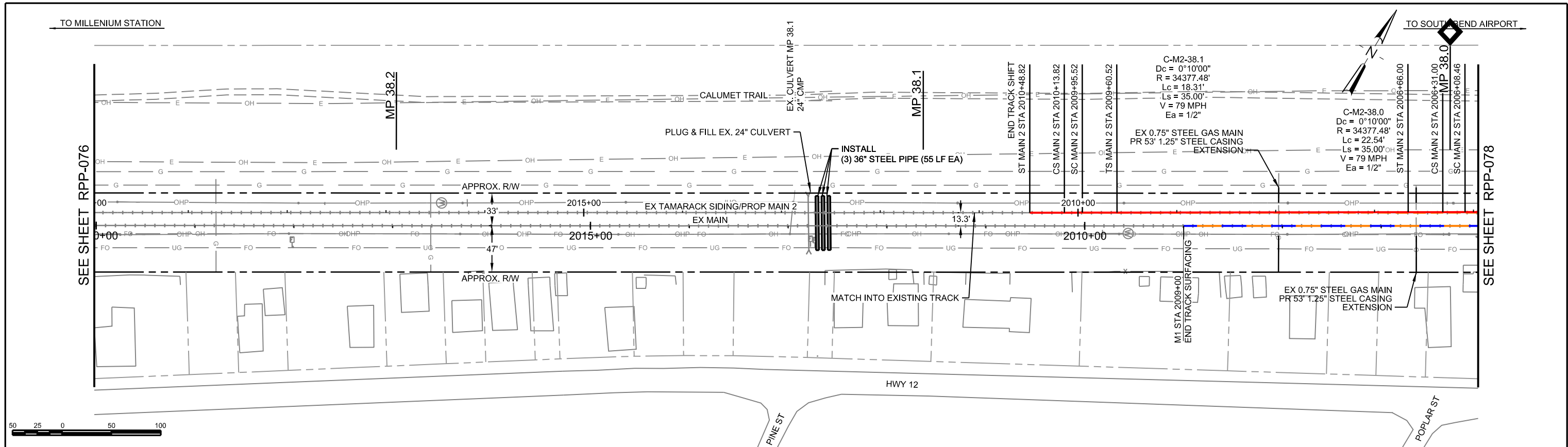
MICHIGAN CITY TO GARY, INDIANA

DESIGNED: HDR-PJL
DRAWN: HDR-WJJ
CHECKED: HDR-ZDH
DATE: MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	085 OF 193
SCALE	AS NOTED		

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

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MICHIGAN CITY TO GARY, INDIANA

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NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI
PLAN AND PROFILE
STA 2006+00 TO 2020+00
MP 38.0 TO 38.3

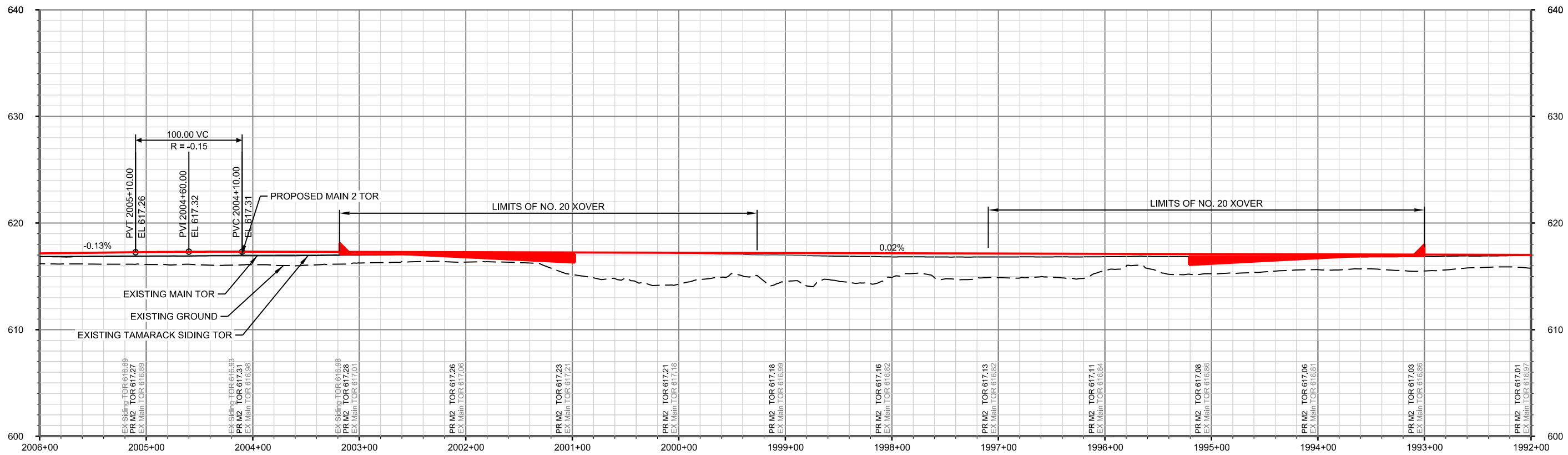
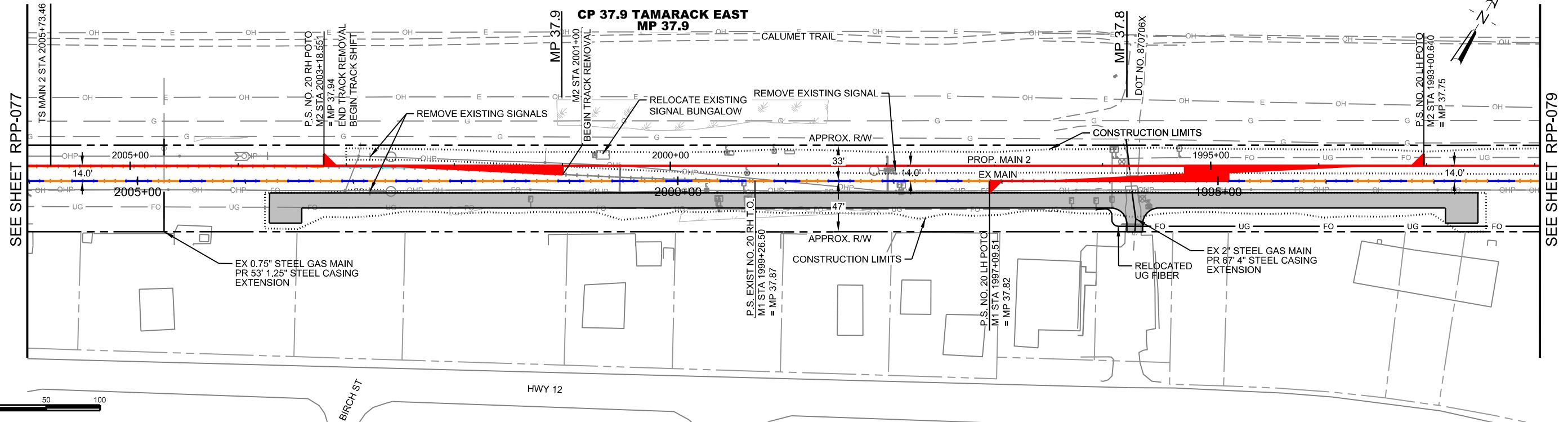
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SCALE: AS NOTED

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

PLOT DATE: 5/16/2017 4:07:14 PM WJACKSON

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PLOT DATE: 5/16/2017 4:07:17 PM WJACKSON

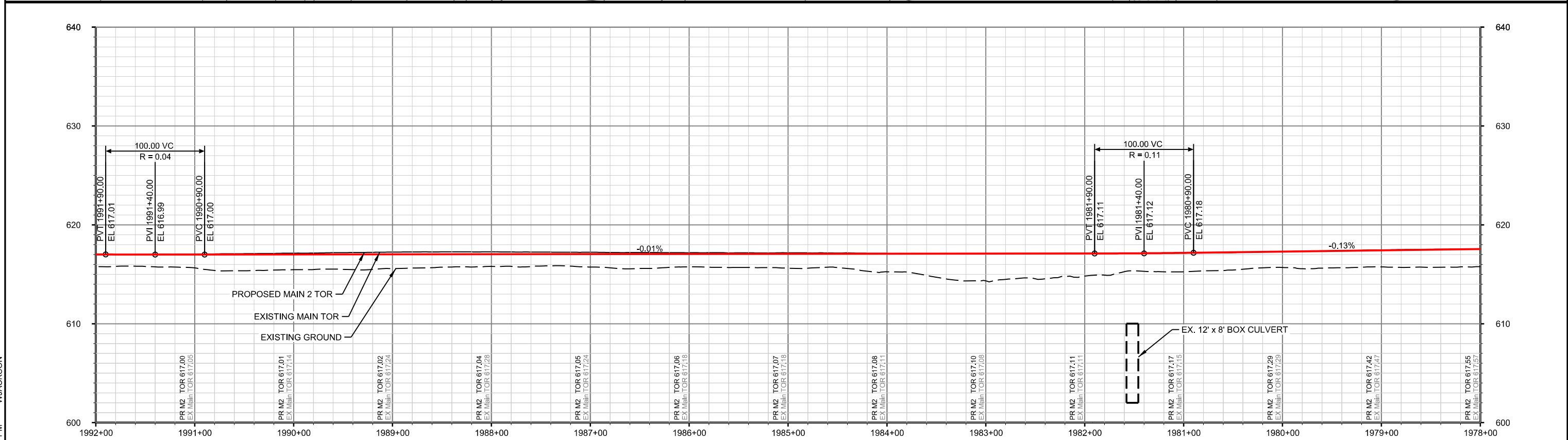
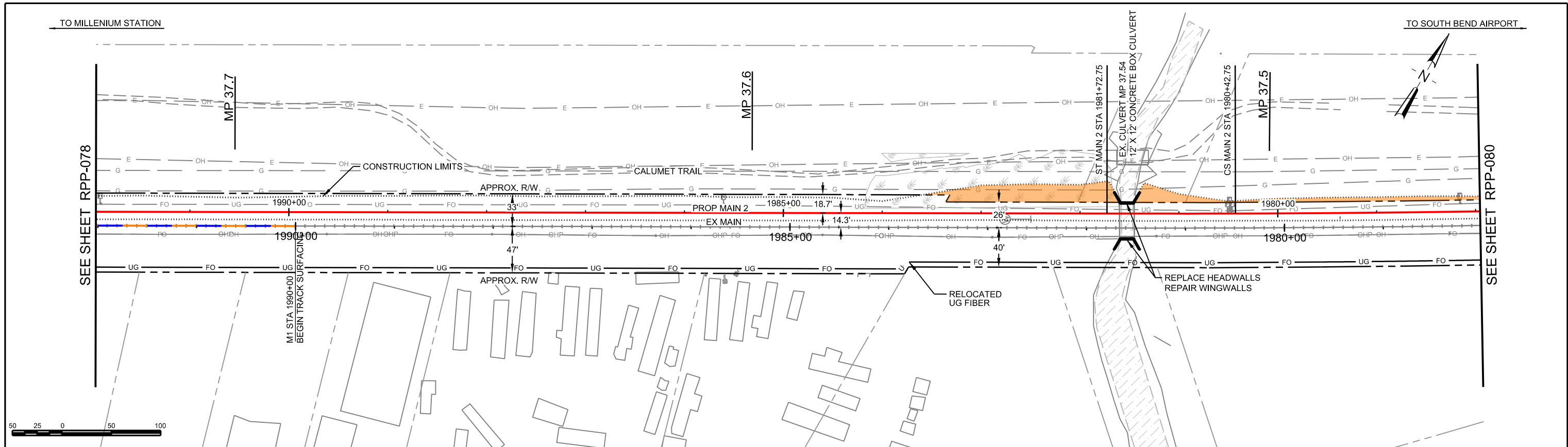


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	087 OF 193
SCALE	AS NOTED		



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Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

DESIGNED: HDR-PJL
DRAWN: HDR-WJJ
CHECKED: HDR-ZDH
DATE: MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI
PLAN AND PROFILE
STA 1978+00 TO 1992+00
MP 37.5 TO 37.7

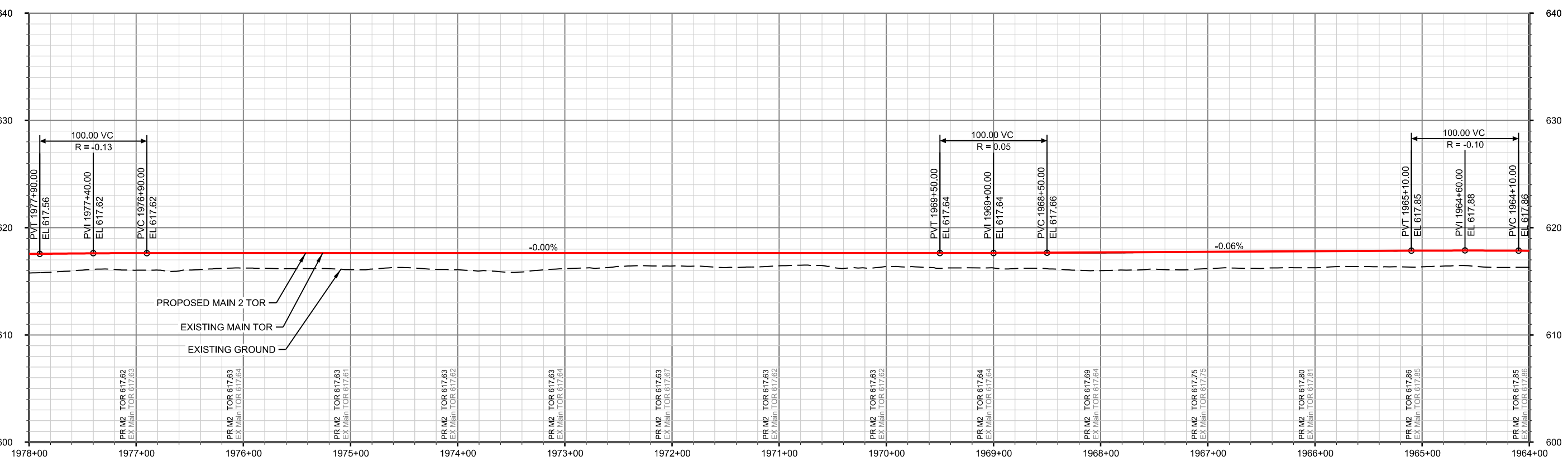
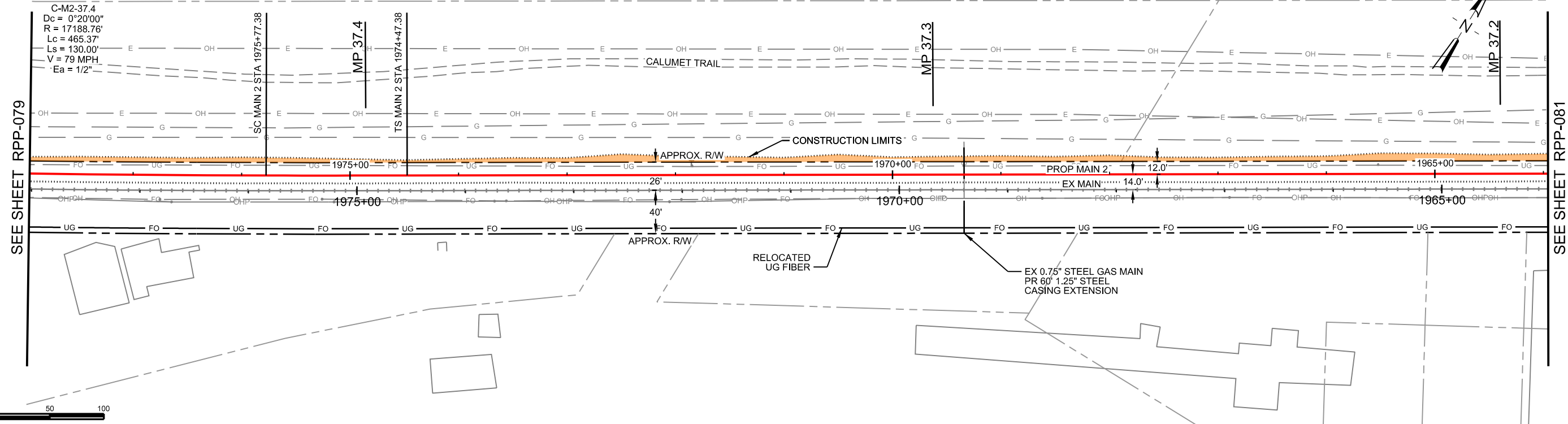
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SCALE: AS NOTED

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

PLOT DATE: 5/16/2017 4:07:21 PM WJACKSON

TO MILLENIUM STATION

TO SOUTH BEND AIRPORT



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Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

DESIGNED: HDR-PJL
DRAWN: HDR-WJJ
CHECKED: HDR-ZDH
DATE: MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI
PLAN AND PROFILE
STA 1964+00 TO 1978+00
MP 37.2 TO 37.5

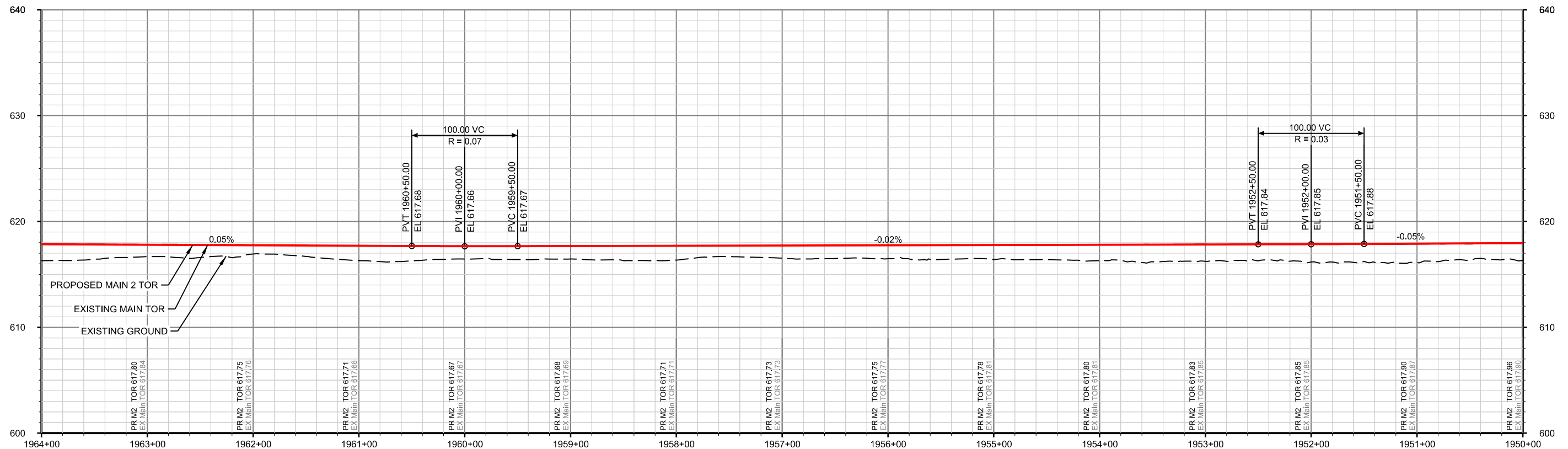
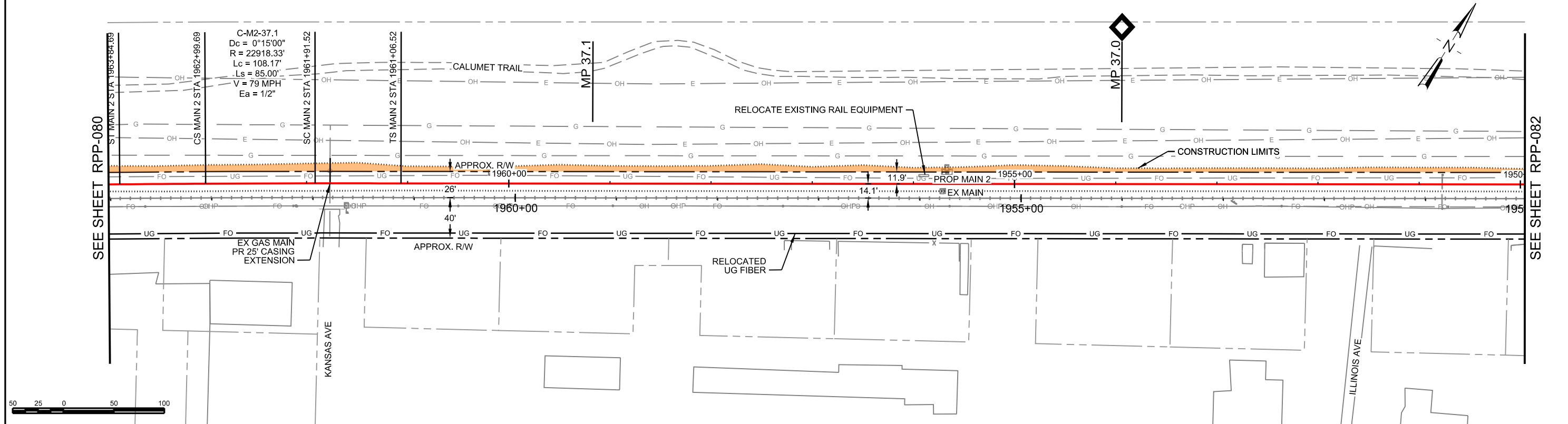
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SCALE: AS NOTED

PLOT DATE: 5/16/2017 4:07:24 PM WJACKSON

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

TO MILLENIUM STATION

TO SOUTH BEND AIRPORT



PROP MAIN 2 PROFILE

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MICHIGAN CITY TO GARY, INDIANA

DESIGNED: HDR-PJL
DRAWN: HDR-WJJ
CHECKED: HDR-ZDH
DATE: MAY 12, 2017

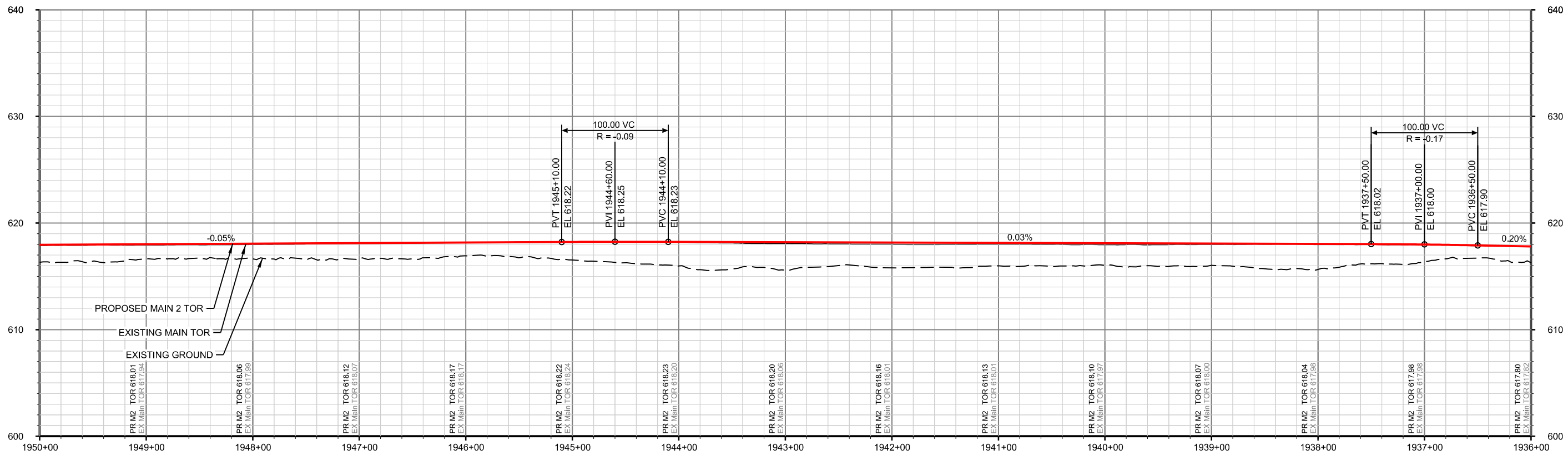
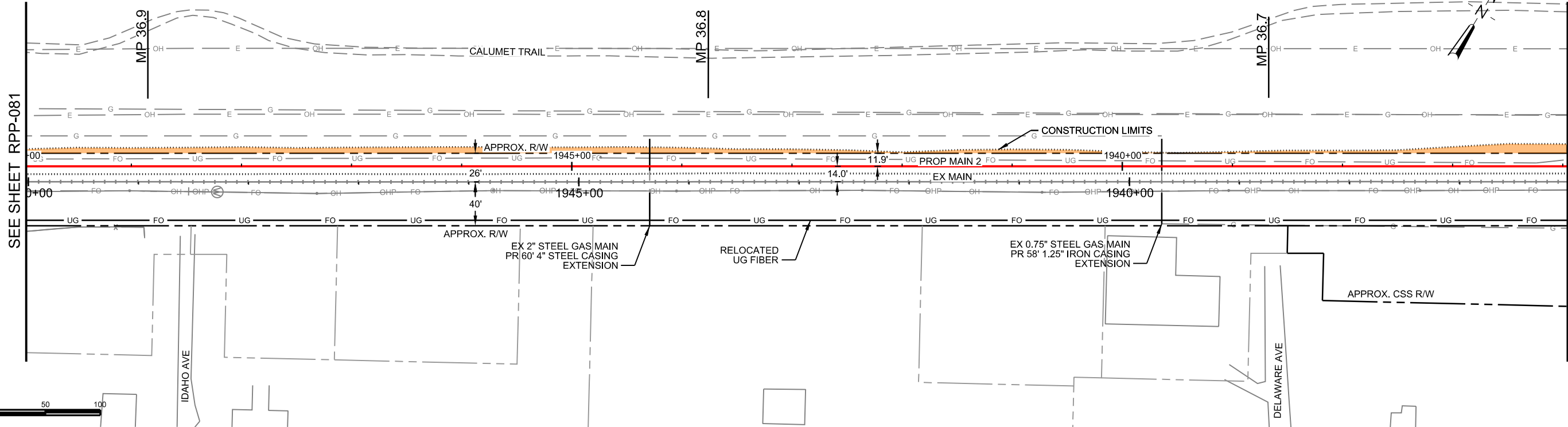
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SCALE	AS NOTED		

PLOT DATE: 5/16/2017 4:07:27 PM WJACKSON

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

TO MILLENIUM STATION

TO SOUTH BEND AIRPORT



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MICHIGAN CITY TO GARY, INDIANA

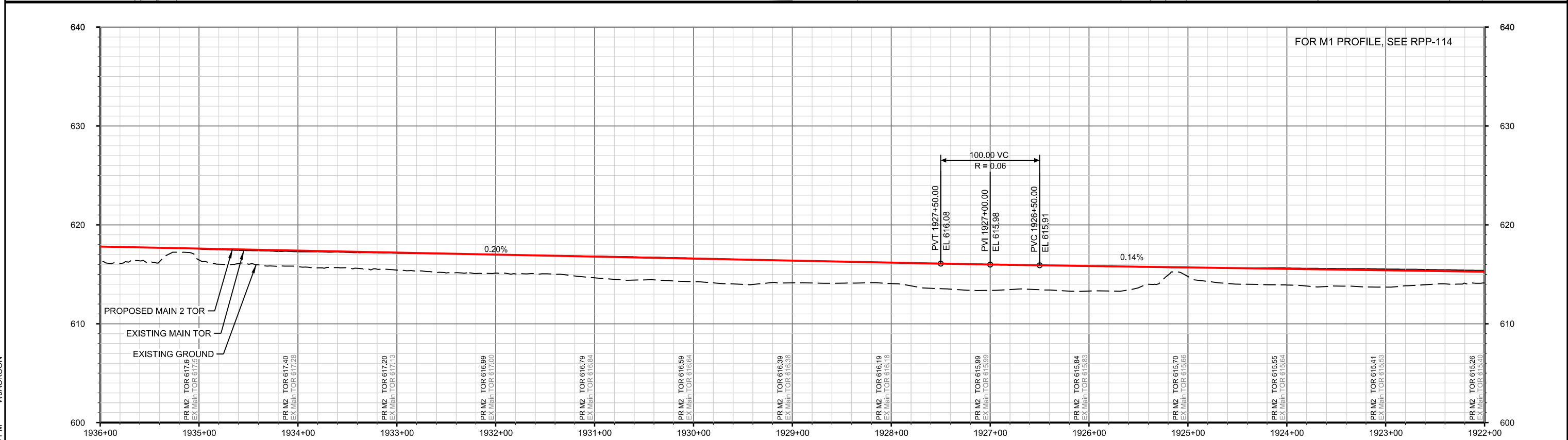
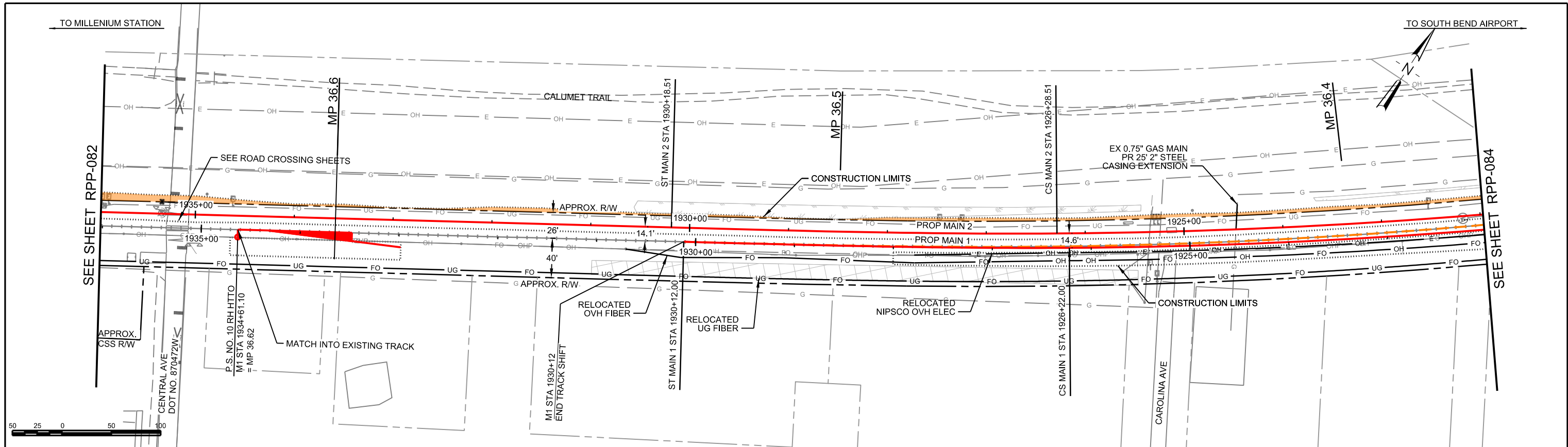
DESIGNED: HDR-PJL
DRAWN: HDR-WJJ
CHECKED: HDR-ZDH
DATE: MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NW
PLAN AND PROFILE
STA 1936+00 TO 1950+00
MP 36.6 TO 36.9

FILENAME: NICTD-R-ML01-PP-0 SHEET: 091 OF 193
SCALE: AS NOTED

PLOT DATE: 5/16/2017 4:07:30 PM WJACKSON

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



PLOT DATE: 5/16/2017 4:07:33 PM WJACKSON

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ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



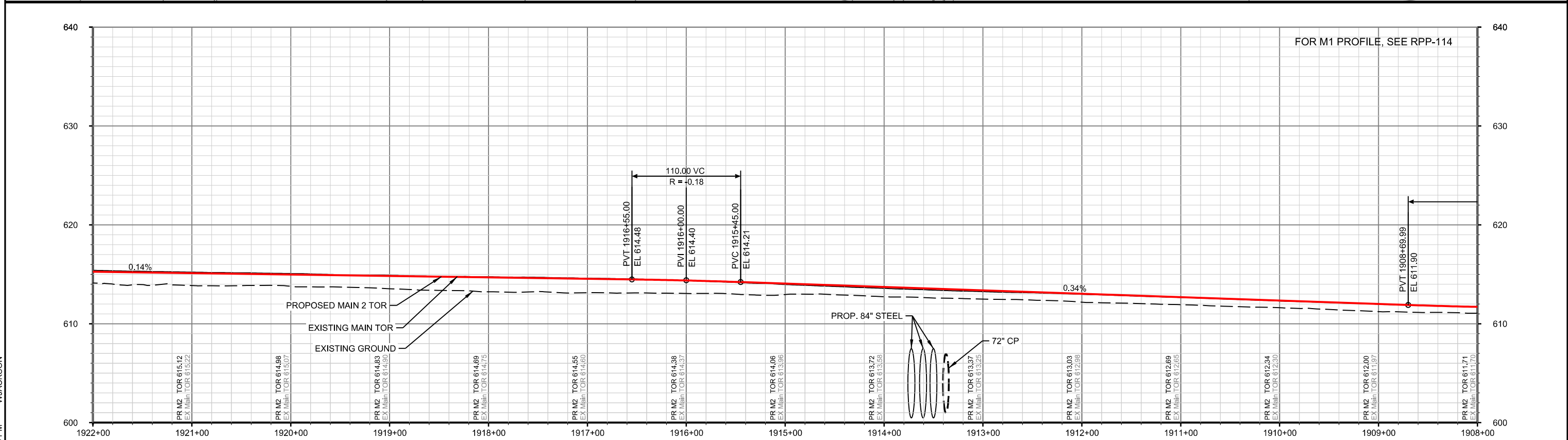
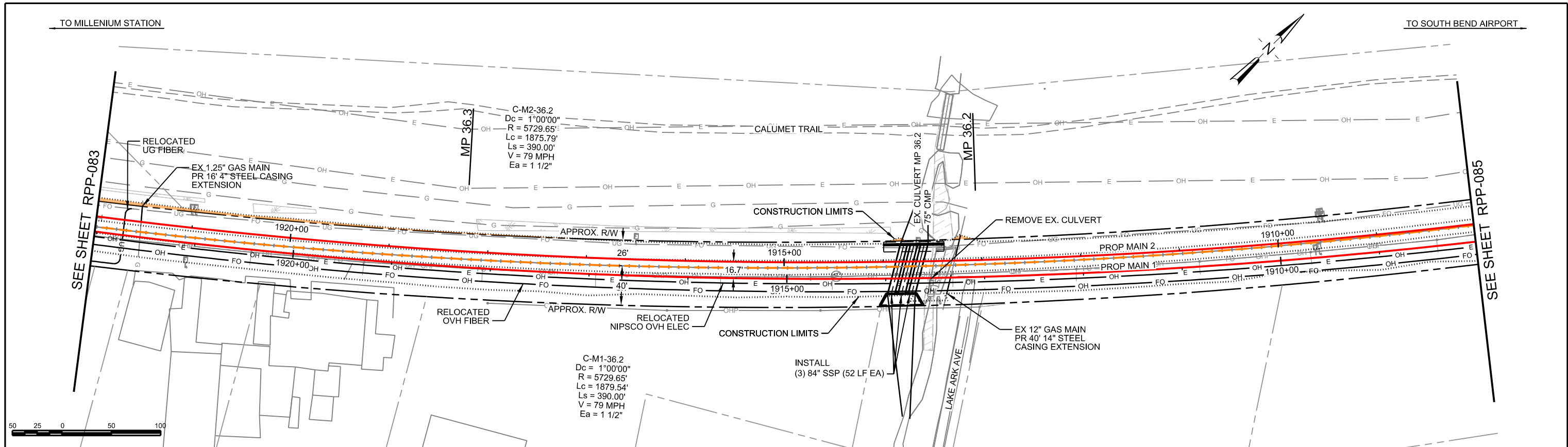
DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	092 OF 193
SCALE	AS NOTED		

FOR M1 PROFILE, SEE RPP-114

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NMI

PLAN AND PROFILE
STA 1922+00 TO 1936+00
MP 36.4 TO 36.6



PLOT DATE: 5/16/2017 4:07:36 PM WJACKSON

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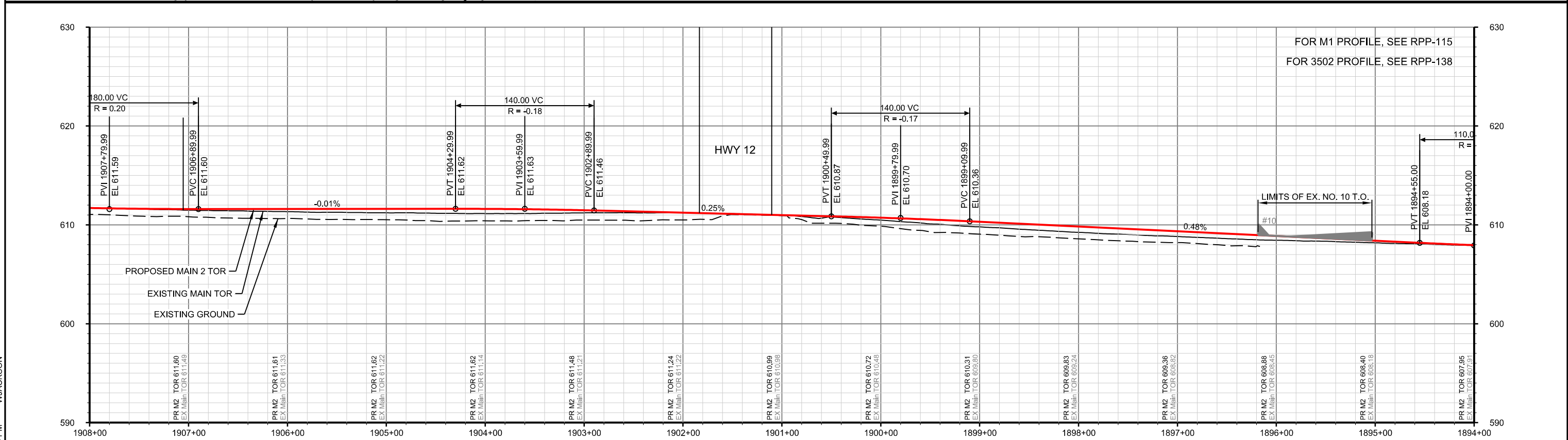
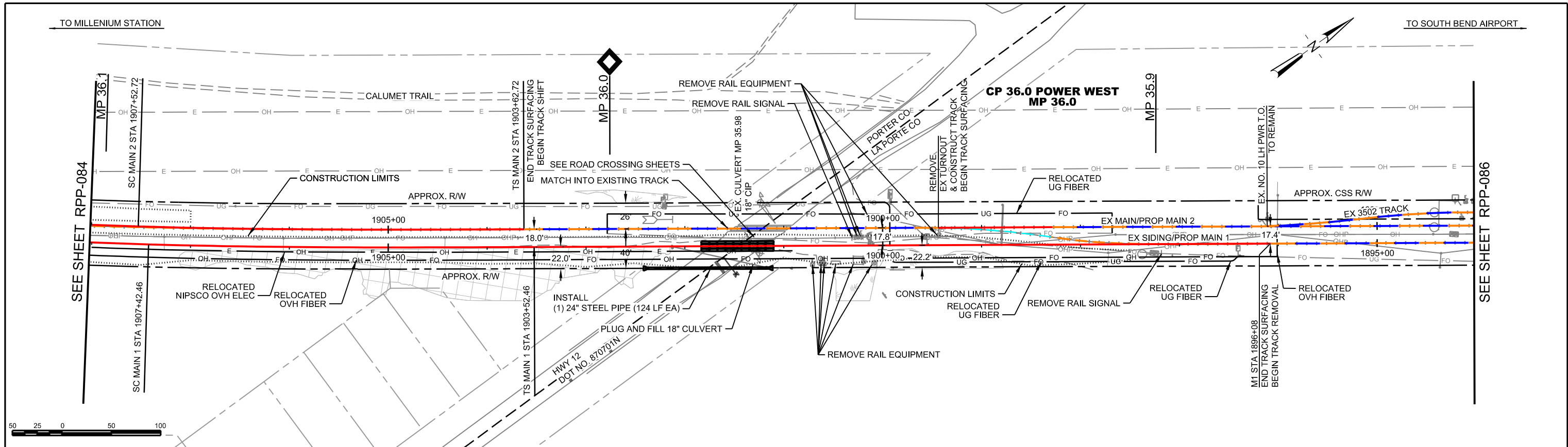
ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

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DOUBLE TRACK N.W.I.
 Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

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DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NOT FOR CONSTRUCTION SERIES RPP-084 OF RPP-138
 NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
 DOUBLE TRACK-NMI
PLAN AND PROFILE
 STA 1908+00 TO 1922+00
 MP 36.1 TO 36.4
 FILENAME: NICTD-R-ML01-PP-0 SHEET: 093 OF 193
 SCALE: AS NOTED



PLOT DATE: 5/16/2017 4:07:39 PM WJACKSON



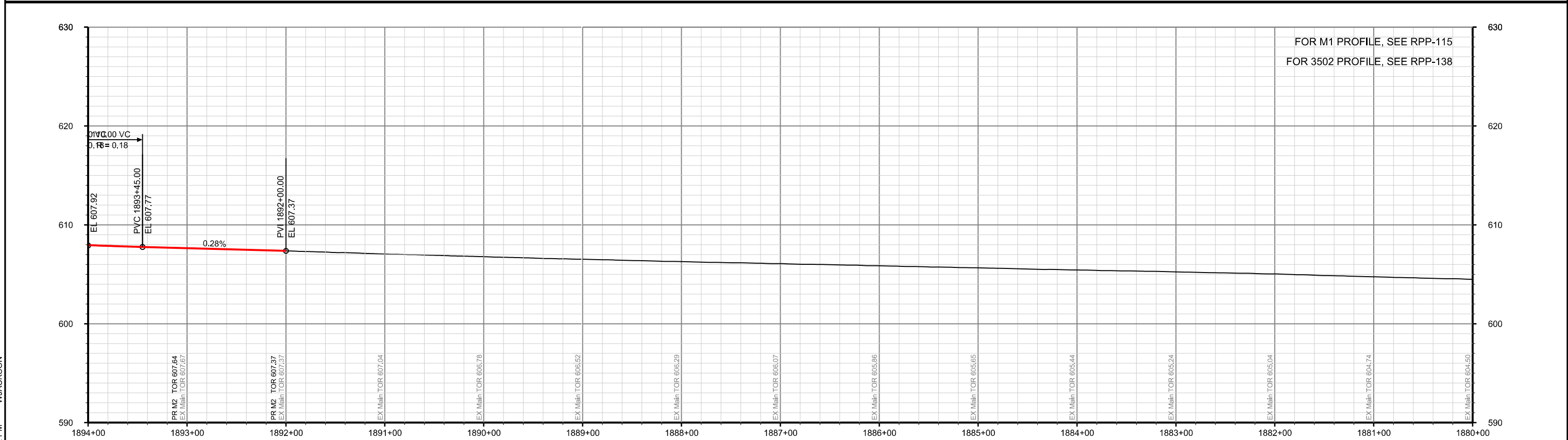
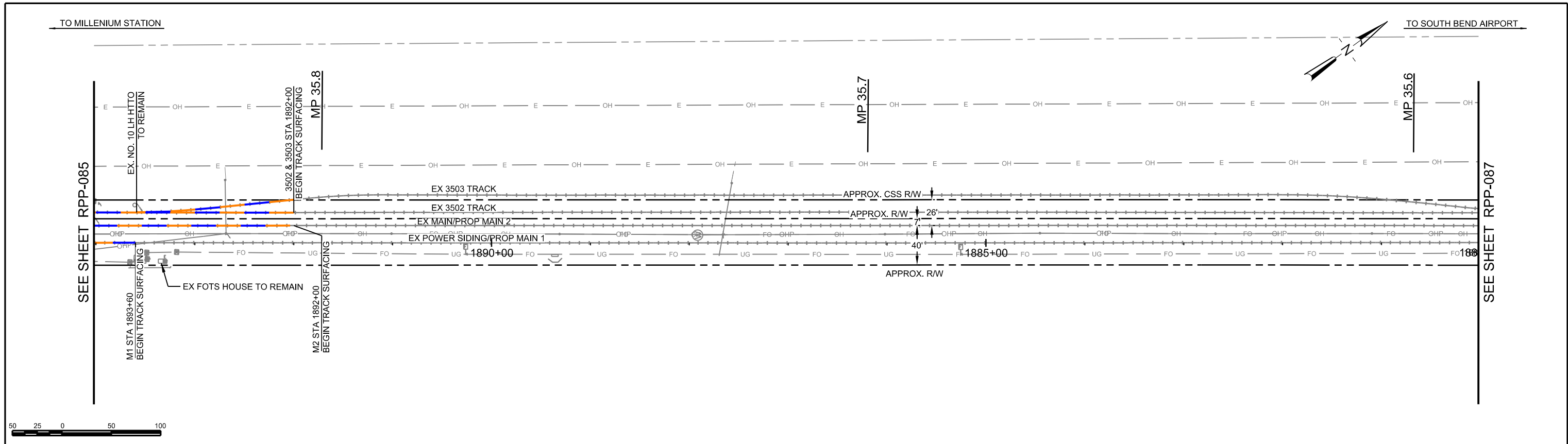
ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NOT FOR CONSTRUCTION SERIES RPP-085 OF RPP-138

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		
PLAN AND PROFILE STA 1894+00 TO 1908+00 MP 35.8 TO 36.1		
FILENAME	NICTD-R-ML01-PP-0	SHEET
SCALE	AS NOTED	094 OF 193



PLOT DATE: 5/16/2017 4:07:42 PM WJACKSON



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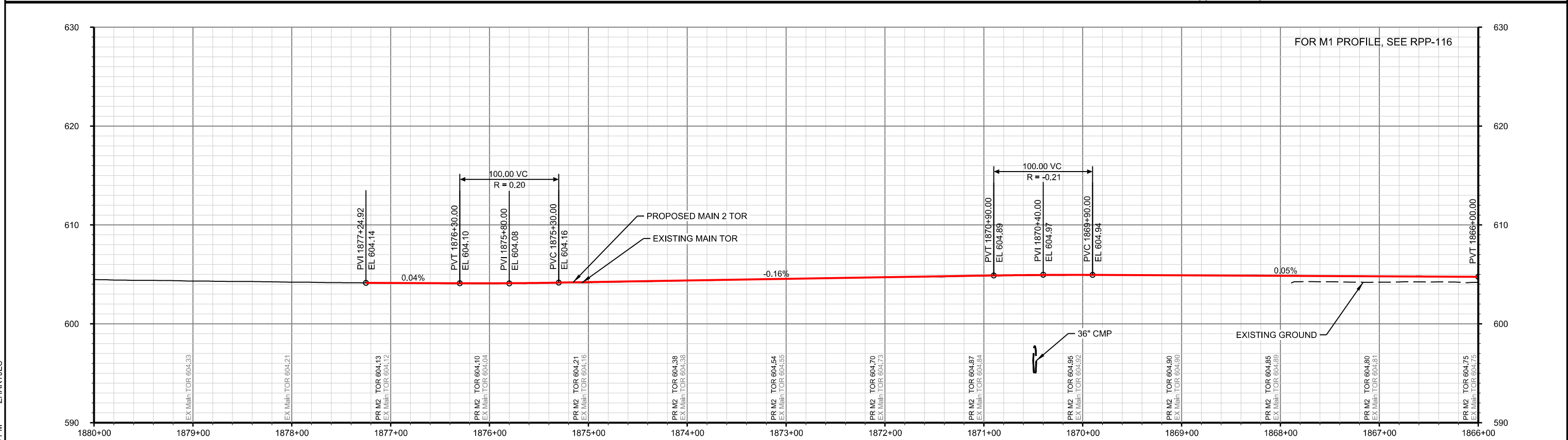
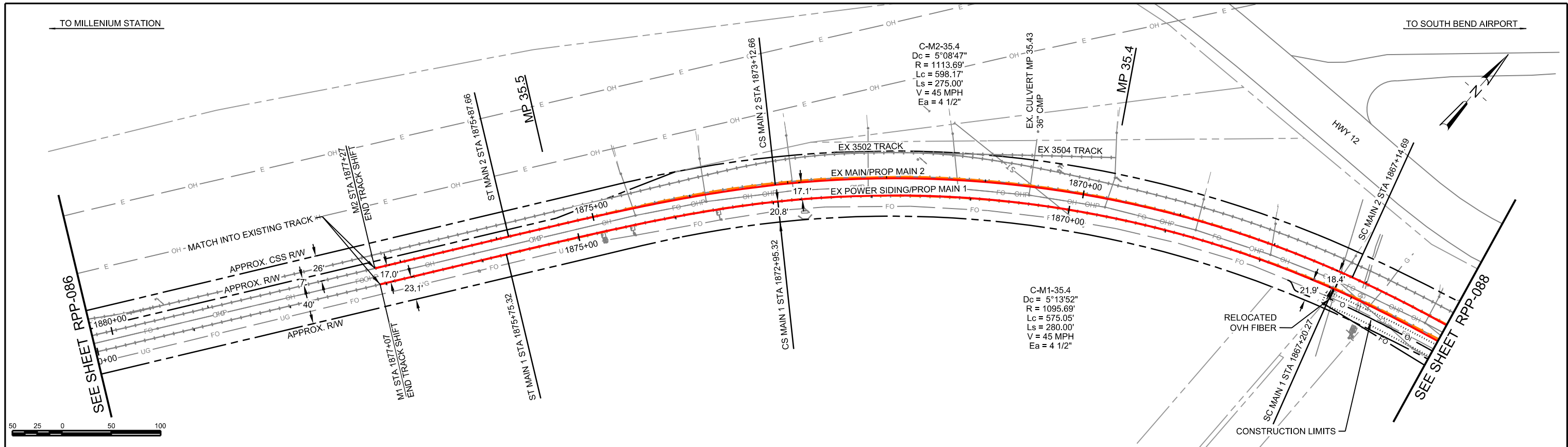
ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NOT FOR CONSTRUCTION SERIES RPP-086 OF RPP-138

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NW1		
PLAN AND PROFILE STA 1880+00 TO 1894+00 MP 35.6 TO 35.8		
FILENAME	NICTD-R-ML01-PP-0	SHEET
SCALE	AS NOTED	095 OF 193



PROP MAIN 2 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-087 OF RPP-138

PLOT DATE: 5/16/2017 5:43:43 PM ZHARTLIES

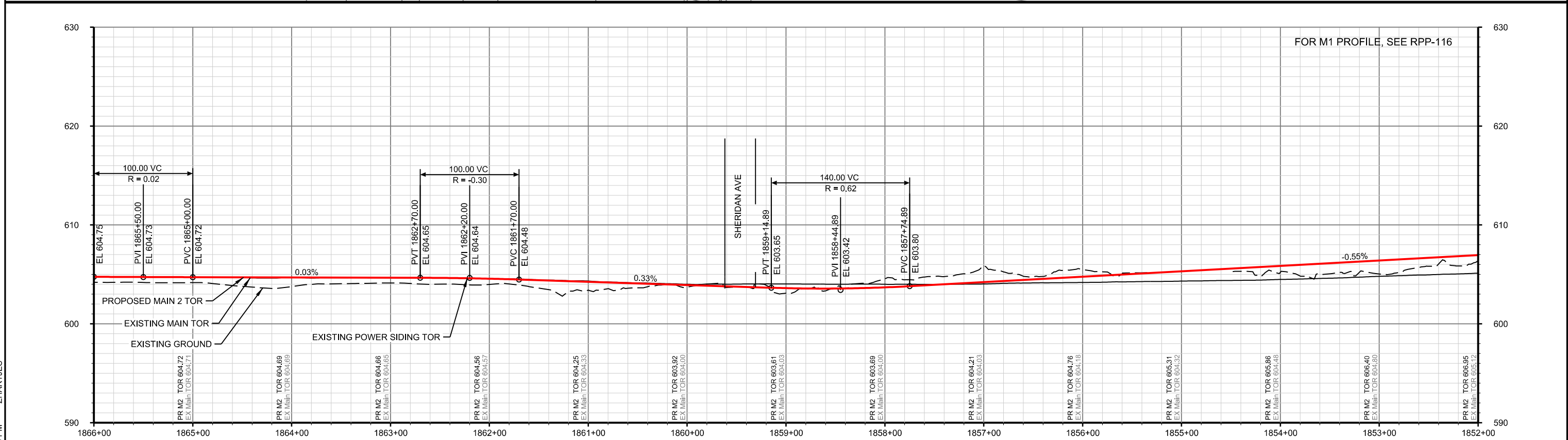
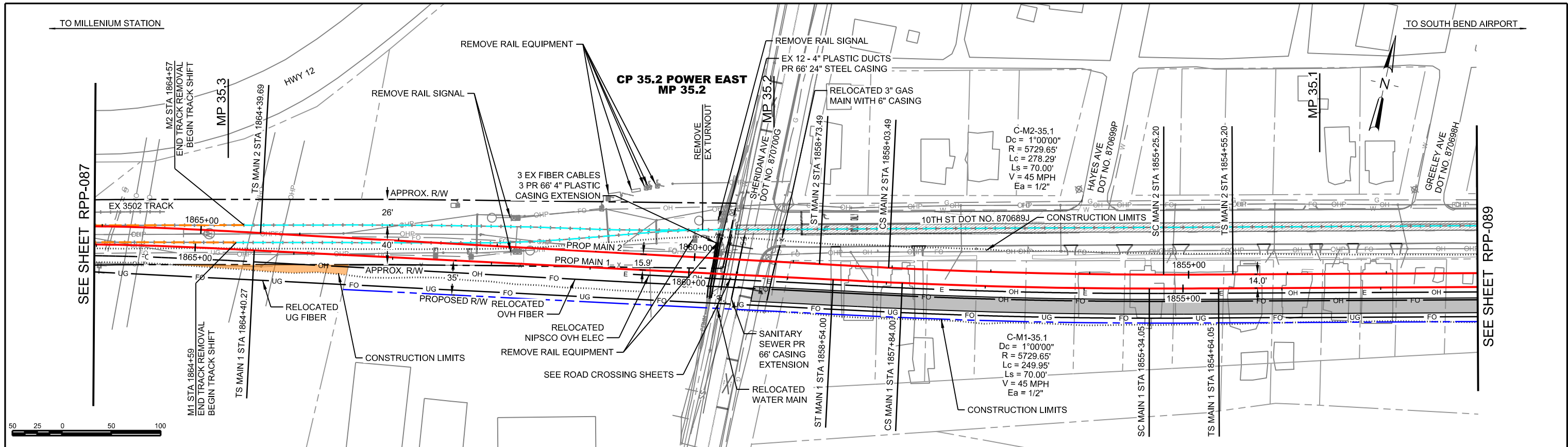


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI	
PLAN AND PROFILE STA 1866+00 TO 1880+00 MP 35.3 TO 35.6	
FILENAME	NICTD-R-ML01-PP-00
SCALE	AS NOTED
SHEET	096 OF 193



PLOT DATE: 5/16/2017 5:45:58 PM ZHARTJES

PROP MAIN 2 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-088 OF RPP-138

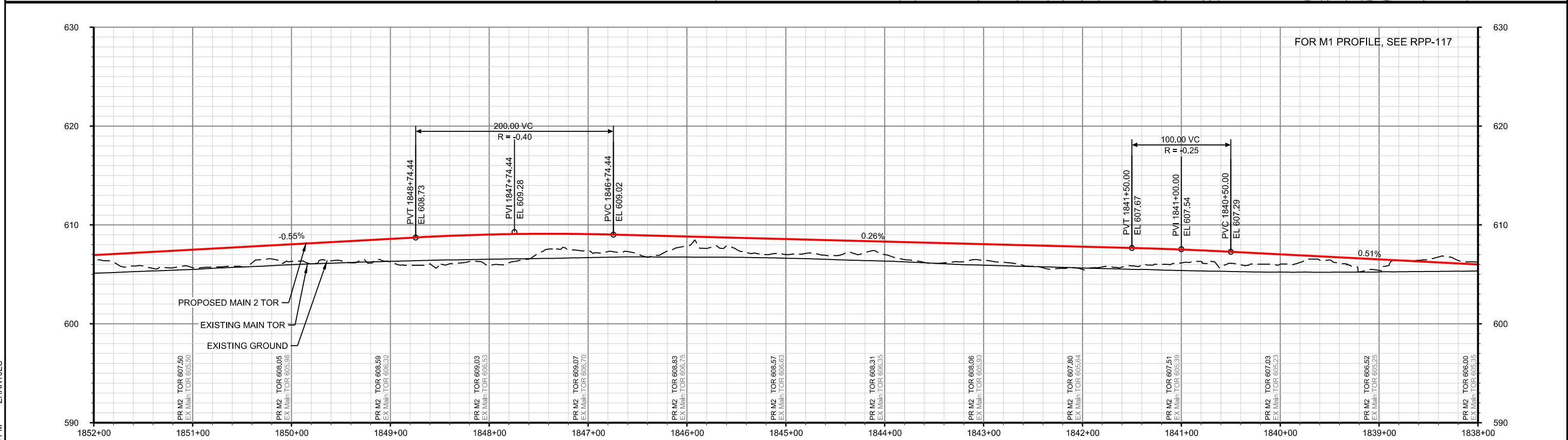
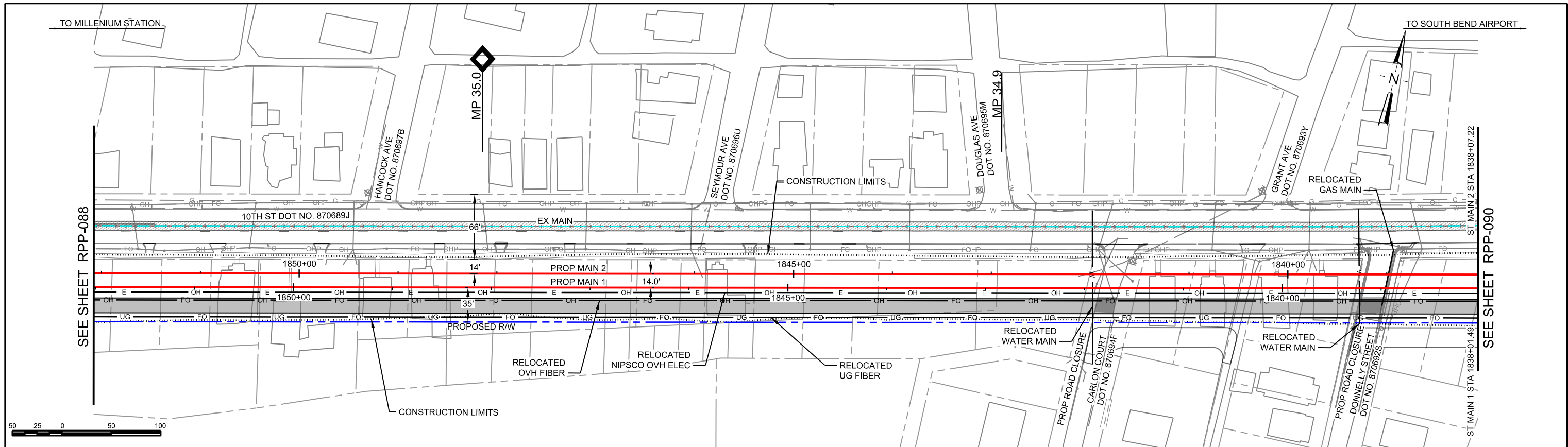


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		
PLAN AND PROFILE STA 1852+00 TO 1866+00 MP 35.1 TO 35.3		
FILENAME	NICTD-R-ML01-PP-00	SHEET
SCALE	AS NOTED	097 OF 193



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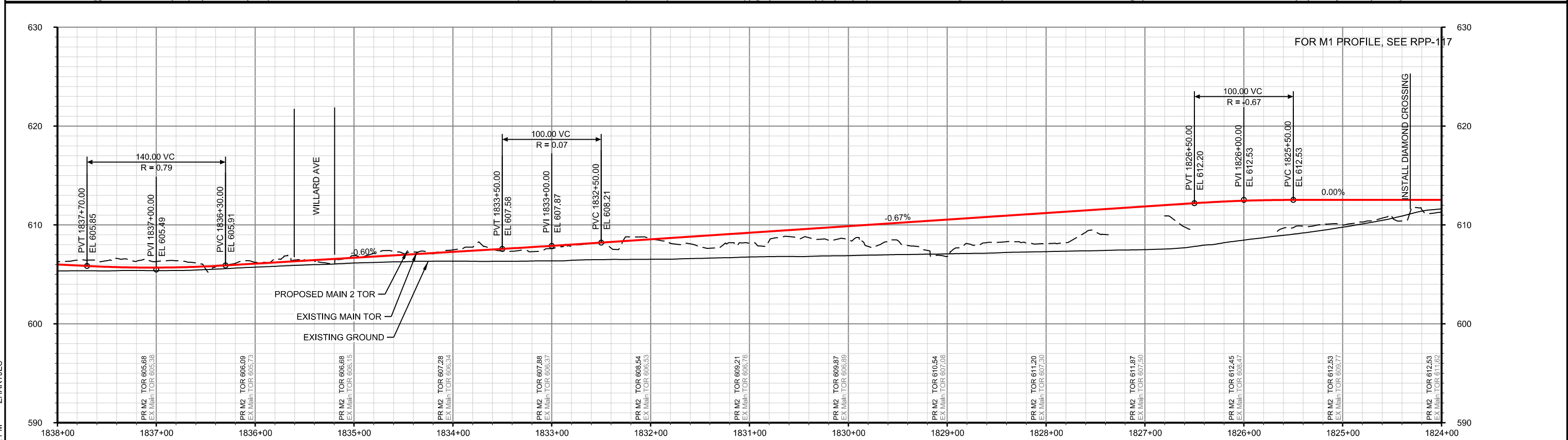
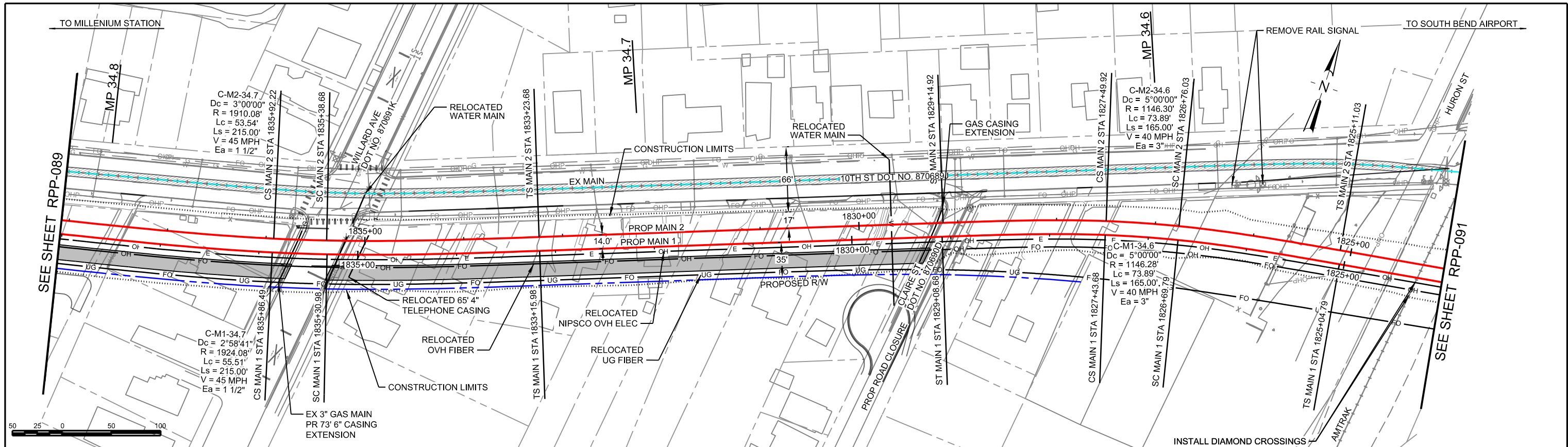


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MICHIGAN CITY TO GARY, INDIANA

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FILENAME	NICTD-R-ML01-PP-00	SHEET	098 OF 193
SCALE	AS NOTED		

PLOT DATE: 5/16/2017 5:47:40 PM ZHARTJES



PROP MAIN 2 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-090 OF RPP-138

PLOT DATE: 5/16/2017 5:49:22 PM ZHARTLIES

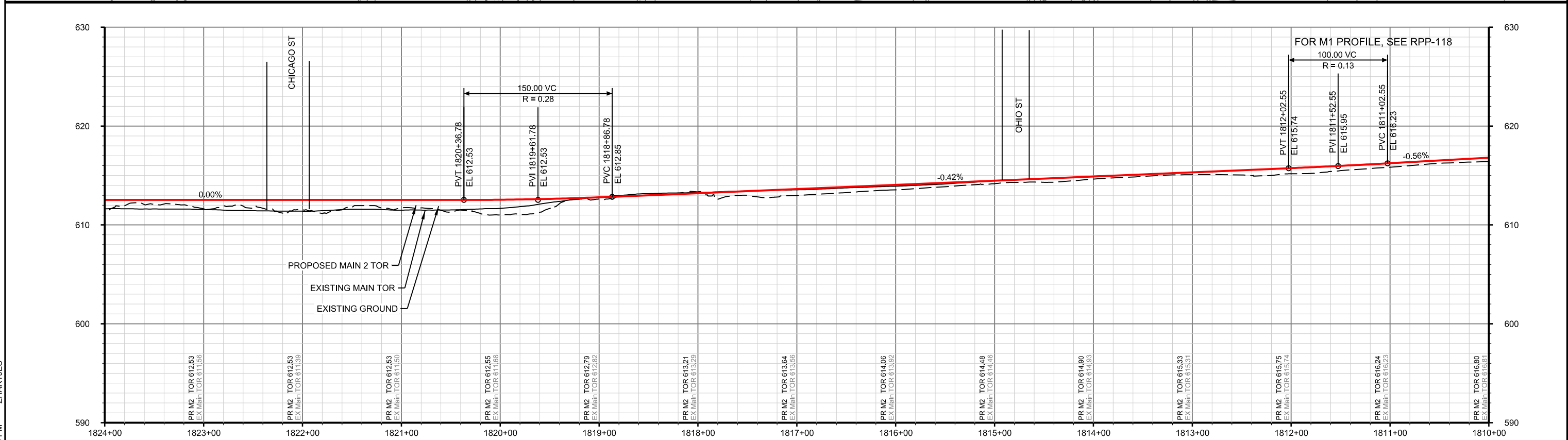
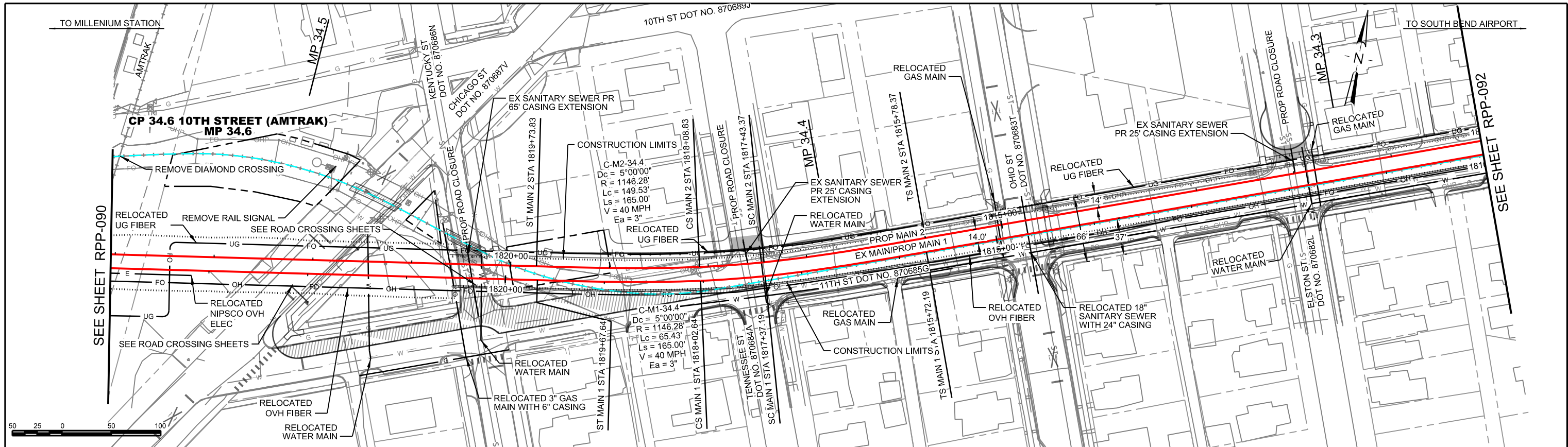


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
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DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		
PLAN AND PROFILE		
STA 1824+00 TO 1838+00		
MP 34.5 TO 34.8		
FILENAME	NICTD-R-ML01-PP-00	SHEET
SCALE	AS NOTED	099 OF 193



PLOT DATE: 5/16/2017 5:50:58 PM ZHARTLIES

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ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



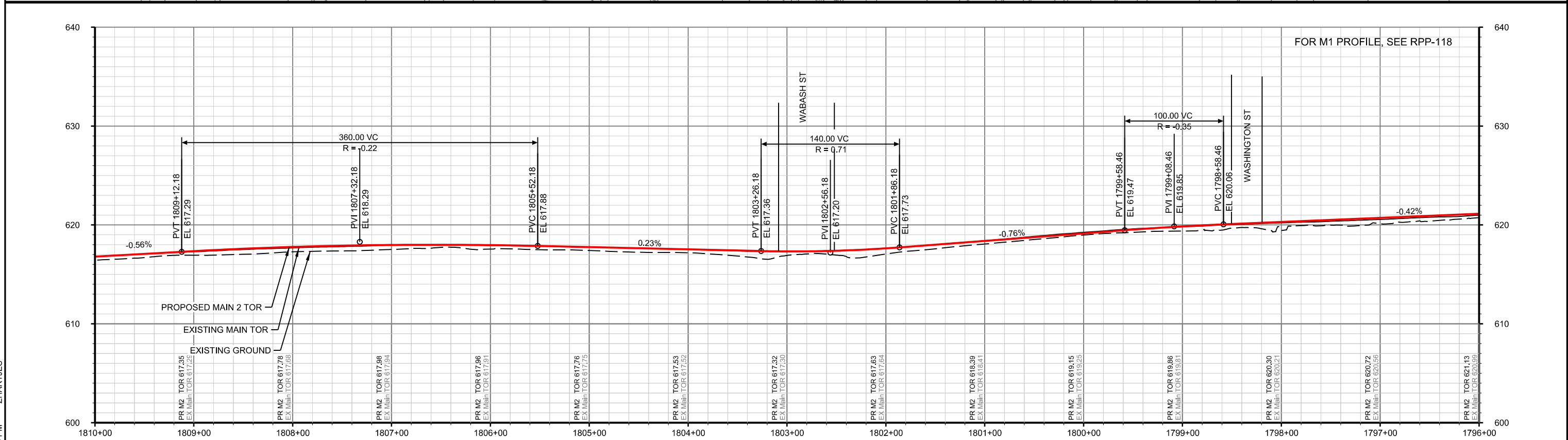
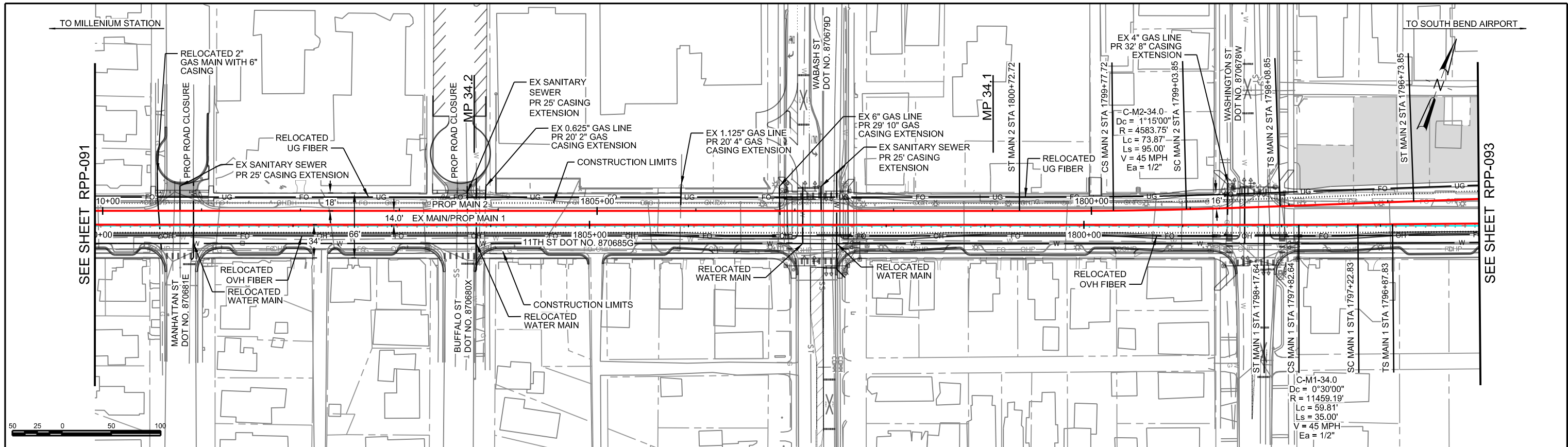
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Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	HDR-PJL
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CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI	
PLAN AND PROFILE STA 1810+00 TO 1824+00 MP 34.3 TO 34.5	
FILENAME	NICTD-R-ML01-PP-00
SCALE	AS NOTED
SHEET	100 OF 193



PLOT DATE: 5/16/2017 5:52:30 PM ZHARTJES

PROP MAIN 2 PROFILE

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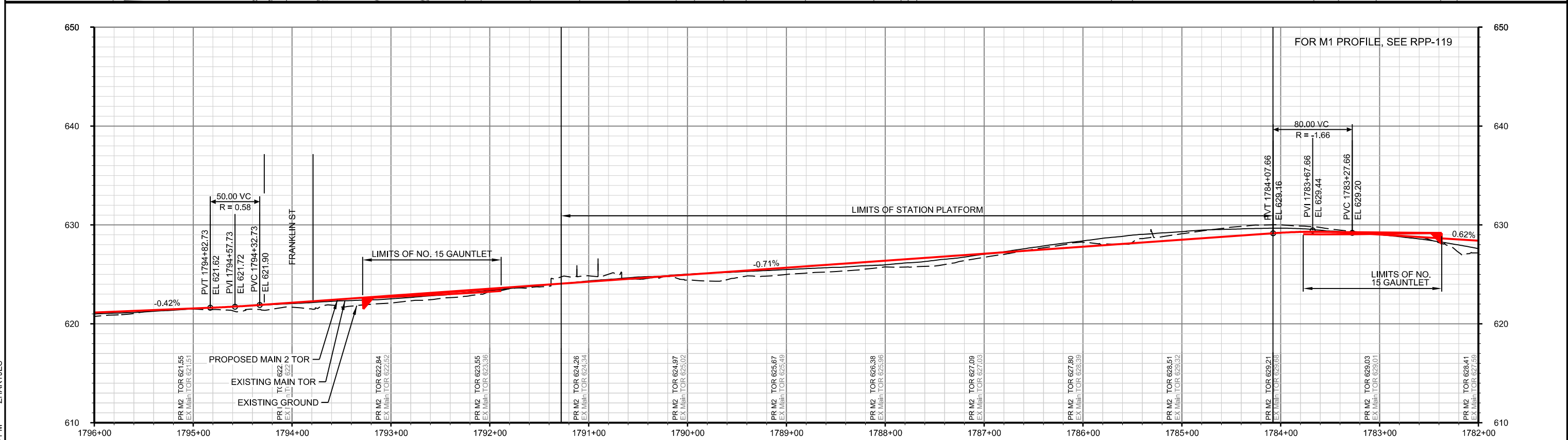
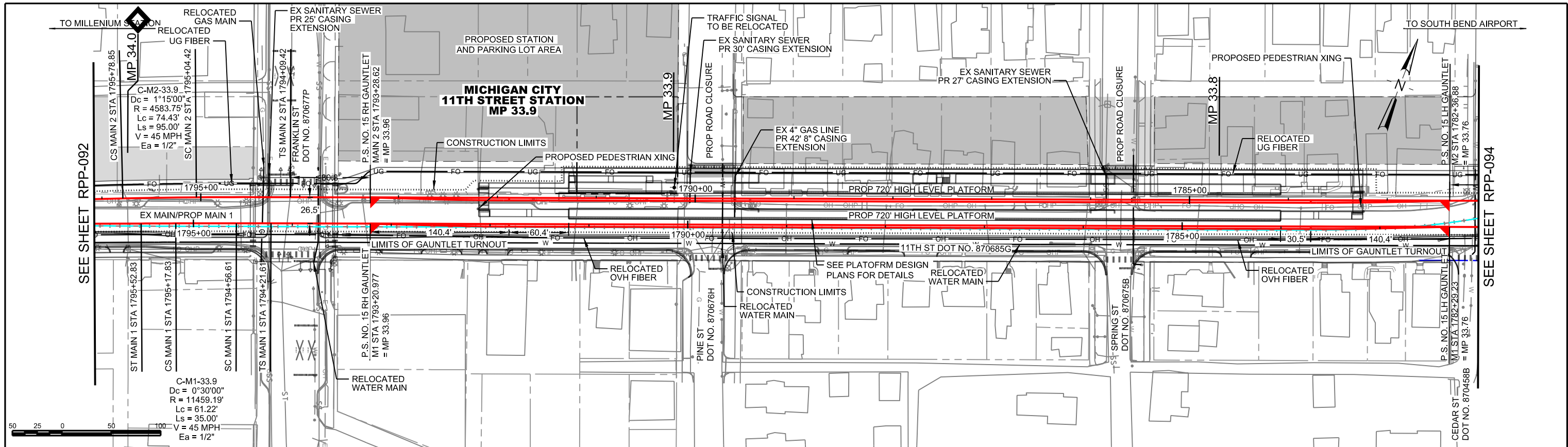


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		
PLAN AND PROFILE		
STA 1796+00 TO 1810+00		
MP 34.0 TO 34.3		
FILENAME	NICTD-R-ML01-PP-00	SHEET
SCALE	AS NOTED	101 OF 193



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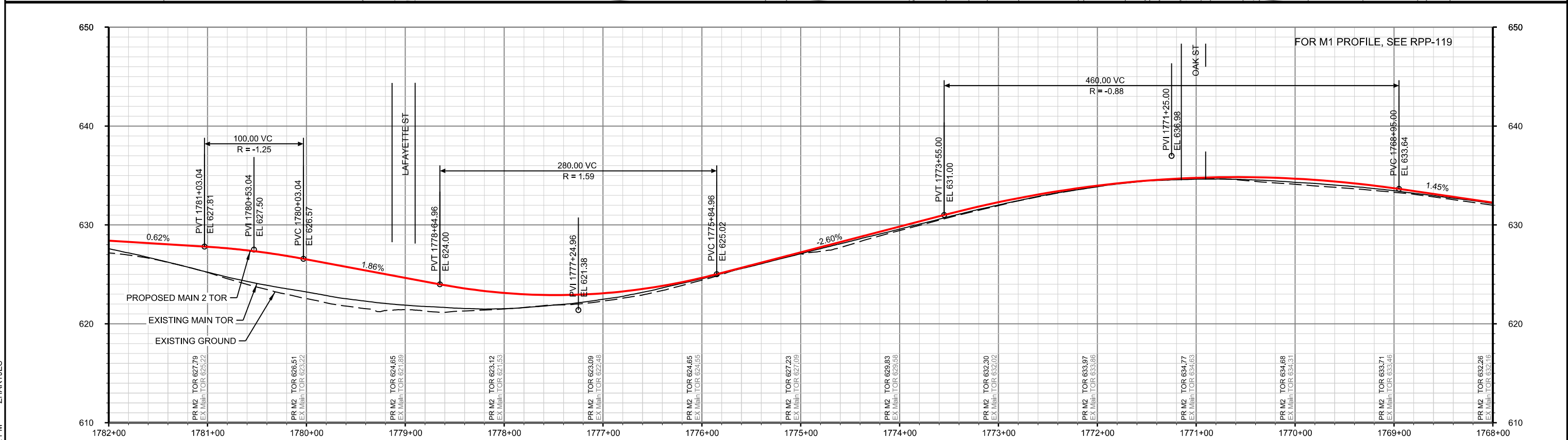
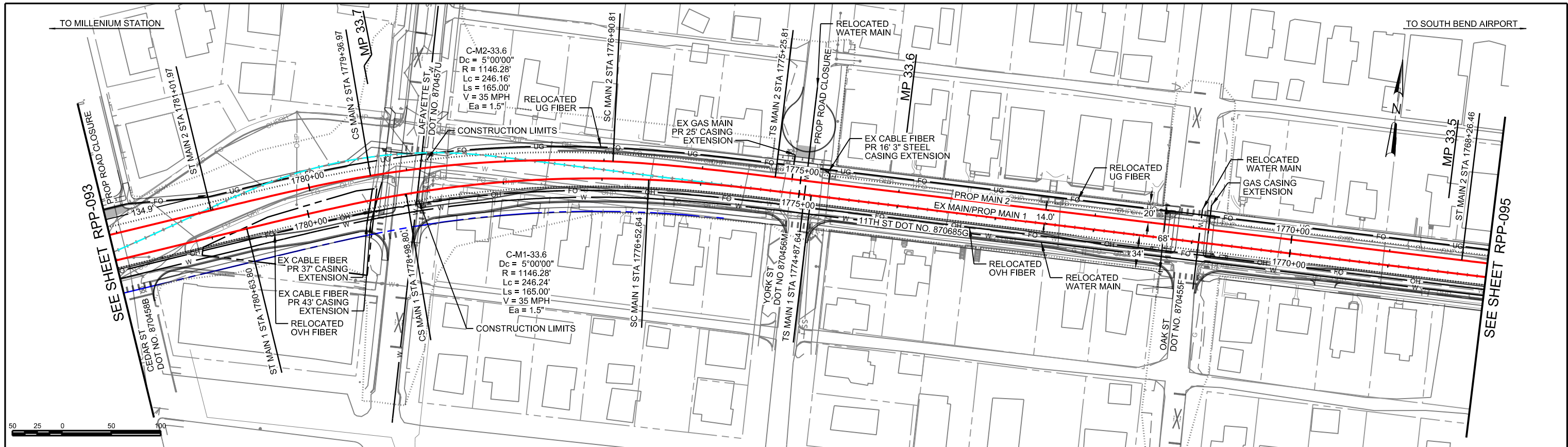
DESIGNED: HDR-PJL
DRAWN: HDR-WJJ
CHECKED: HDR-ZDH
DATE: MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI
PLAN AND PROFILE
STA 1782+00 TO 1796+00
MP 33.8 TO 34.0

FILENAME: NICTD-R-M01-PP-00 SHEET: 102 OF 193
SCALE: AS NOTED

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

PLOT DATE: 5/16/2017 5:53:54 PM ZHARTLIES



PLOT DATE: 5/16/2017 6:05:02 PM ZHARTLIES



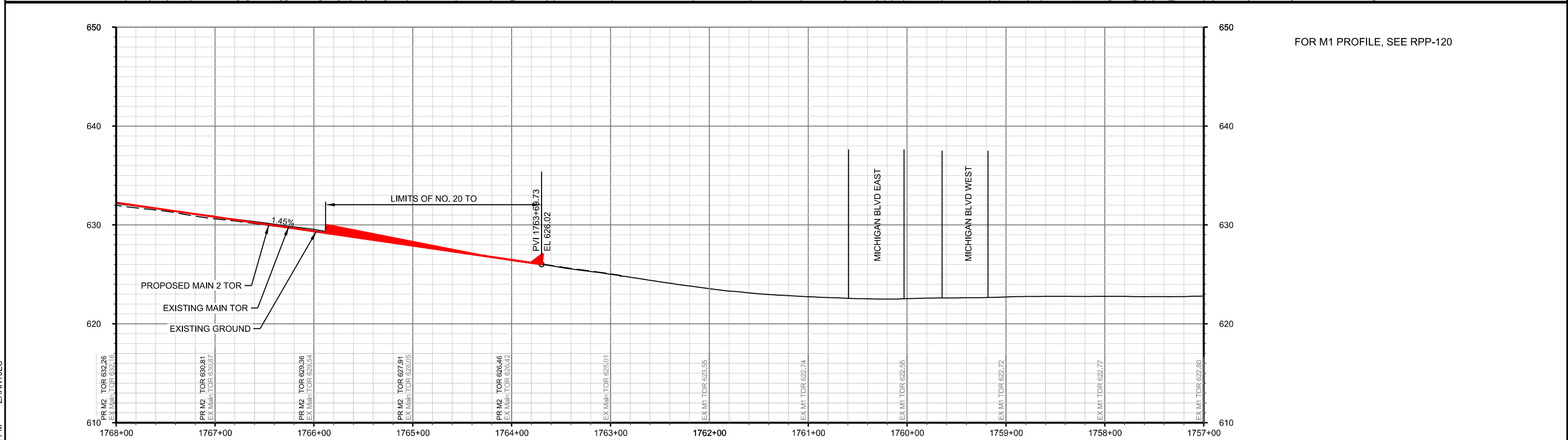
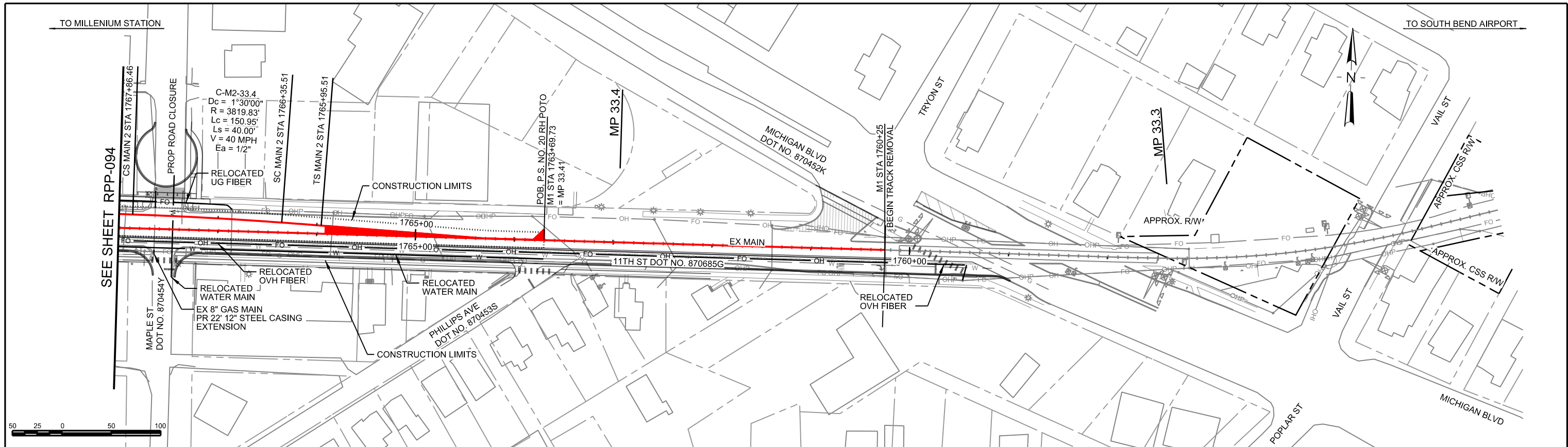
ISSUE	DATE	DESCRIPTION
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DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NOT FOR CONSTRUCTION SERIES RPP-094 OF RPP-138

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		
PLAN AND PROFILE		
STA 1768+00 TO 1782+00		
MP 33.5 TO 33.8		
FILENAME	NICTD-R-ML01-PP-00	SHEET
SCALE	AS NOTED	103 OF 193



PLOT DATE: 5/16/2017 6:04:02 PM ZHARTLIES

PROP MAIN 2 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-095 OF RPP-138

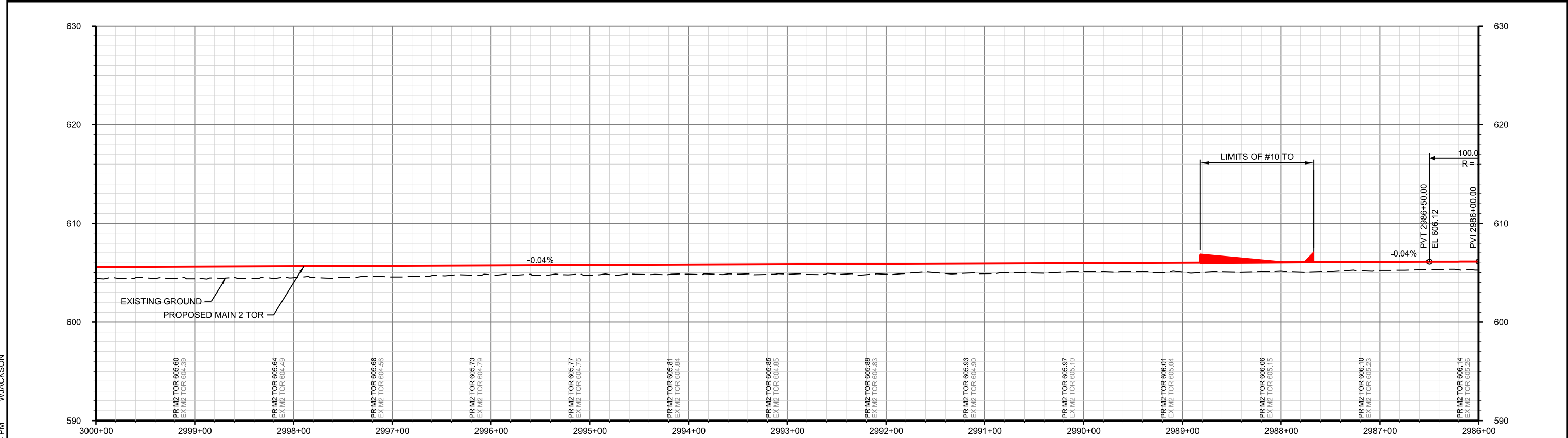
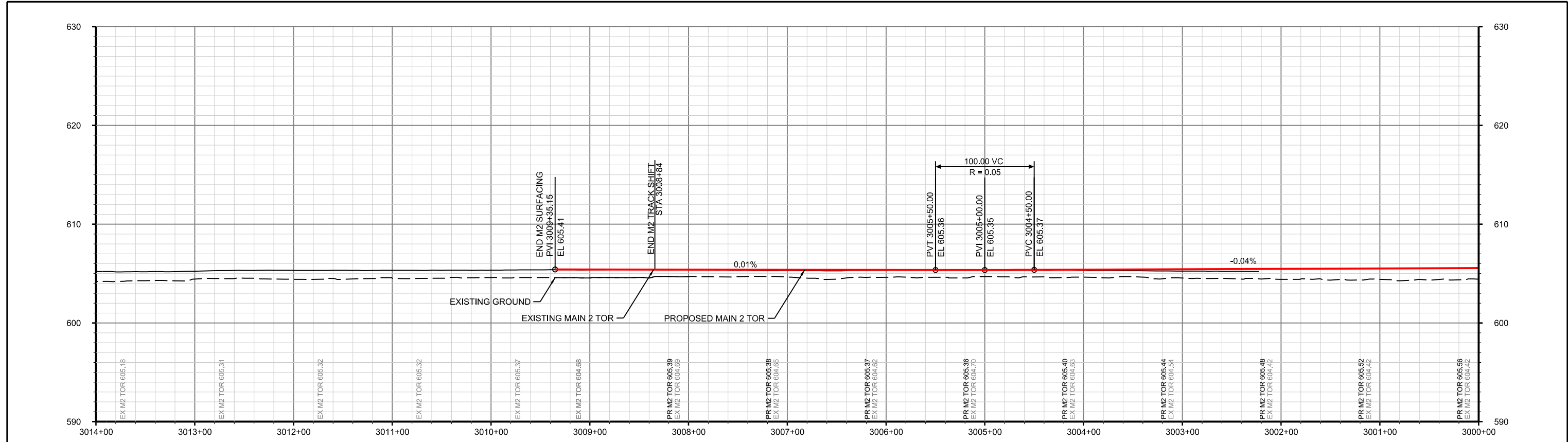


ISSUE	DATE	DESCRIPTION
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DESIGNED:	HDR-PJL
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CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

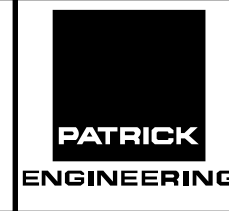
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PLAN AND PROFILE	
STA 1757+00 TO 1768+00	
MP 33.4 TO 33.5	
FILENAME	NICTD-R-ML01-PP-00
SCALE	AS NOTED
SHEET	104 OF 193



PROP MAIN 2 PROFILES

NOT FOR CONSTRUCTION SERIES RPP-096 OF RPP-138

PLOT DATE: 5/16/2017 4:08:14 PM WJACKSON

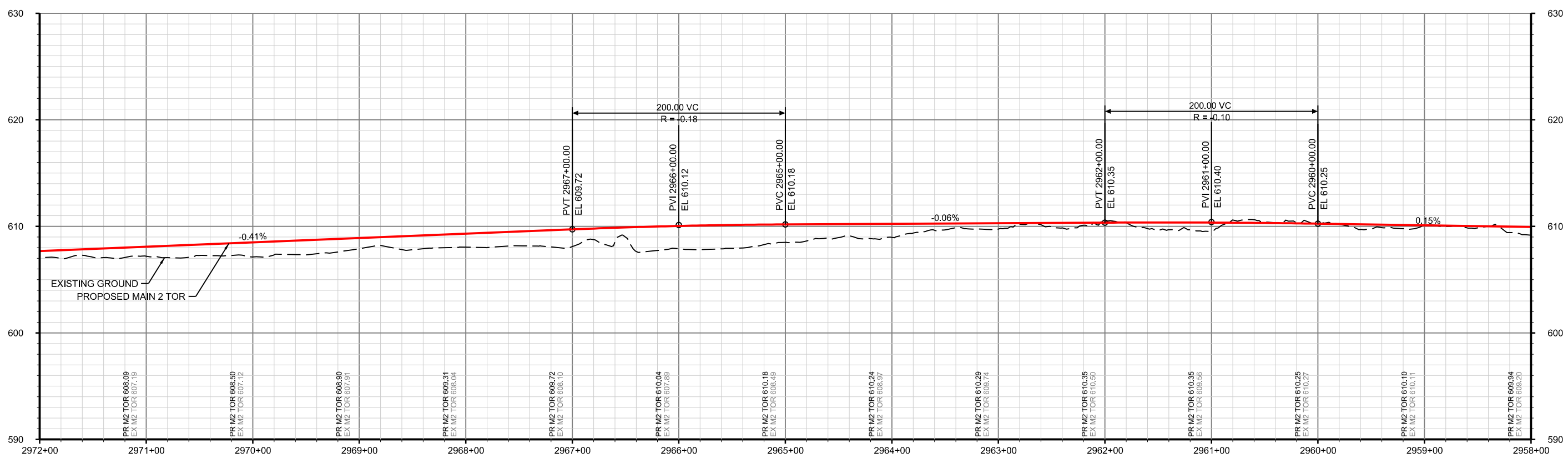
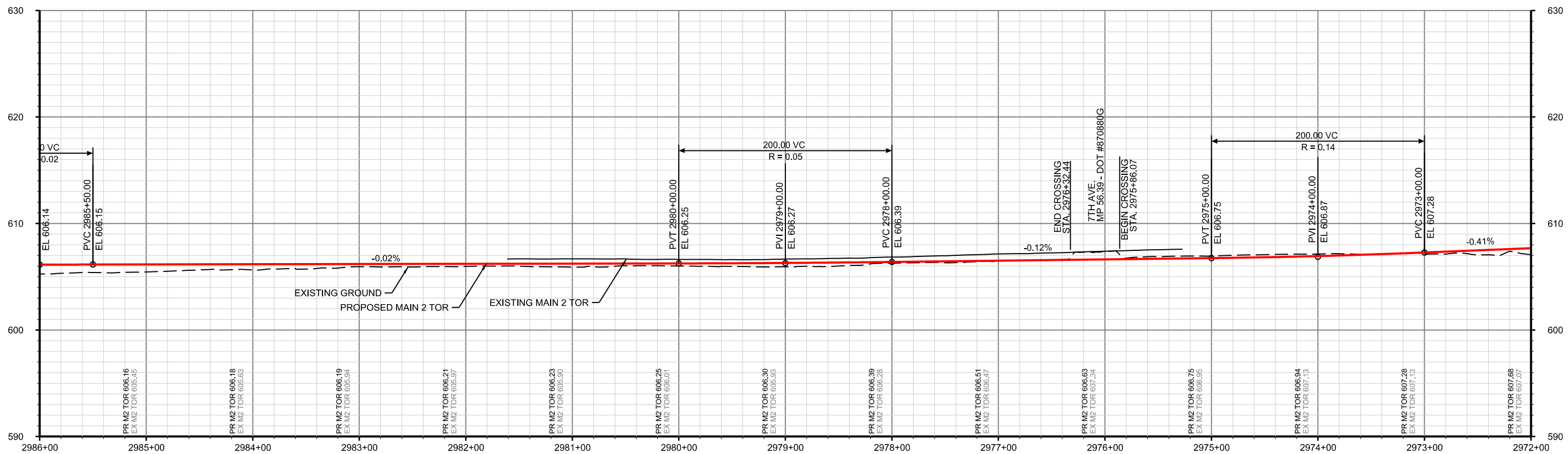


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-KEK
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NMI	
MAIN 2 PROFILE	
MAIN 2 STA 2986+00 TO 3014+00 MP 56.6 TO 57.1	
FILENAME	NICTD-R-ML01-PP-0
SCALE	AS NOTED
SHEET	105 OF 193



PROP MAIN 2 PROFILES

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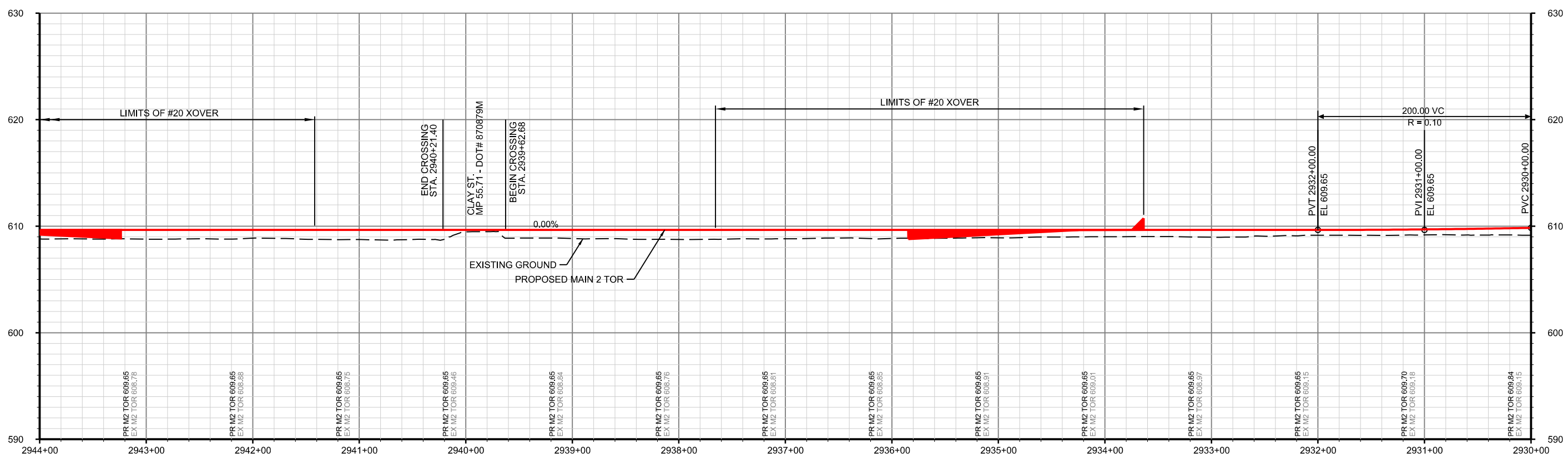
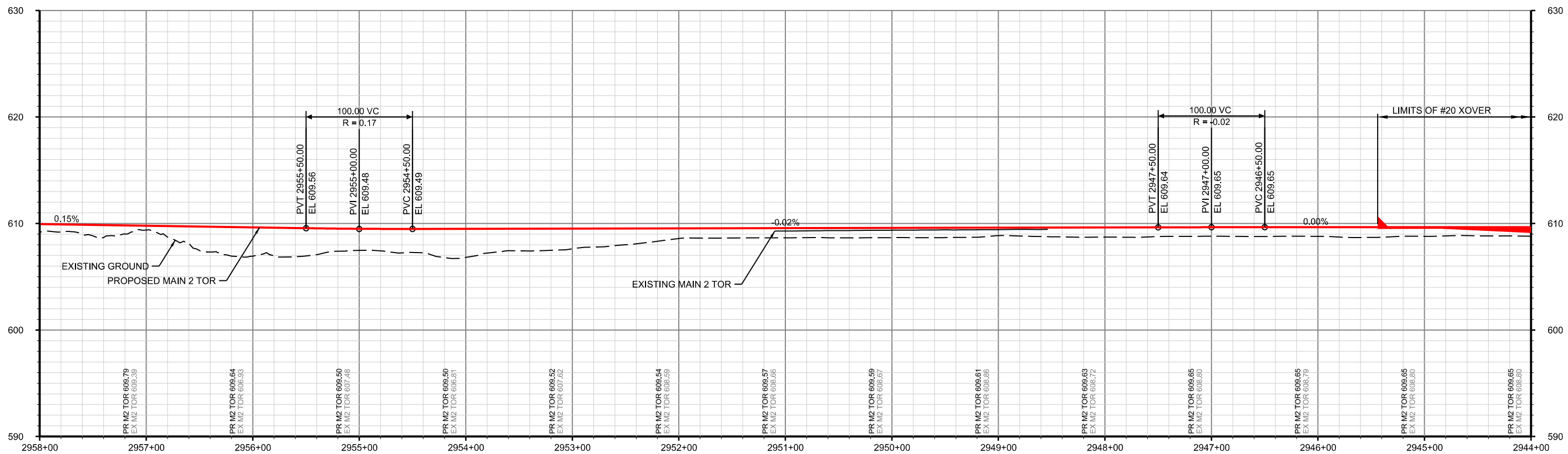
ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-KEK
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI	
MAIN 2 PROFILE	
MAIN 2 STA 2958+00 TO 2986+00	
MP 56.0 TO 56.6	
FILENAME	NICTD-R-ML01-PP-0
SCALE	AS NOTED
SHEET	106 OF 193

PLOT DATE: 5/16/2017 4:08:16 PM WJACKSON



PROP MAIN 2 PROFILES

NOT FOR CONSTRUCTION SERIES RPP-098 OF RPP-138

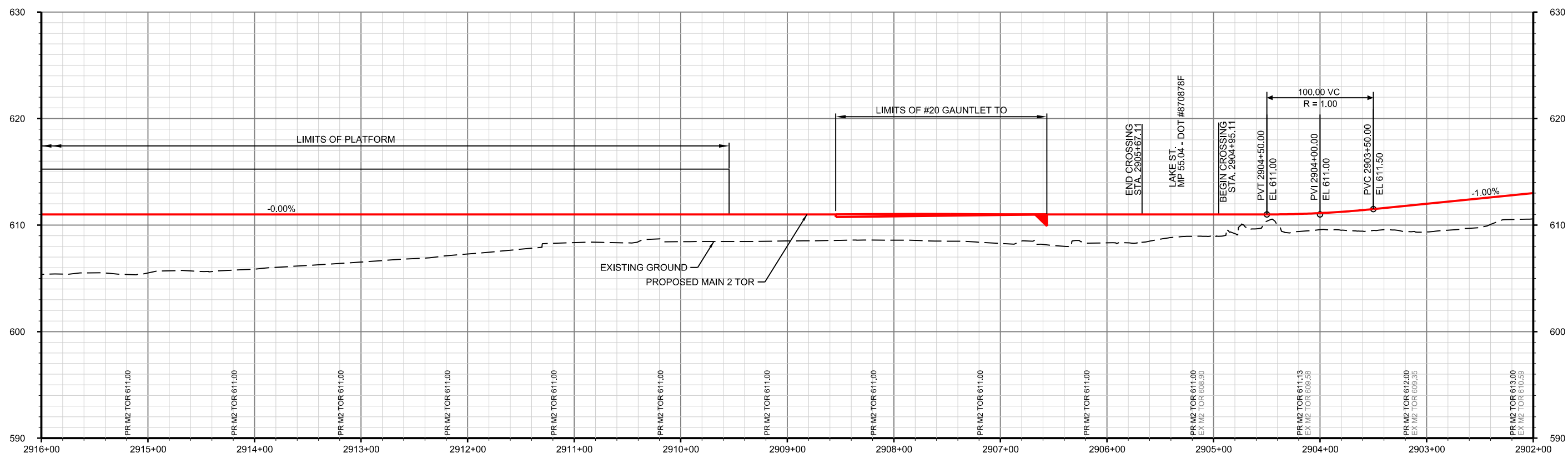
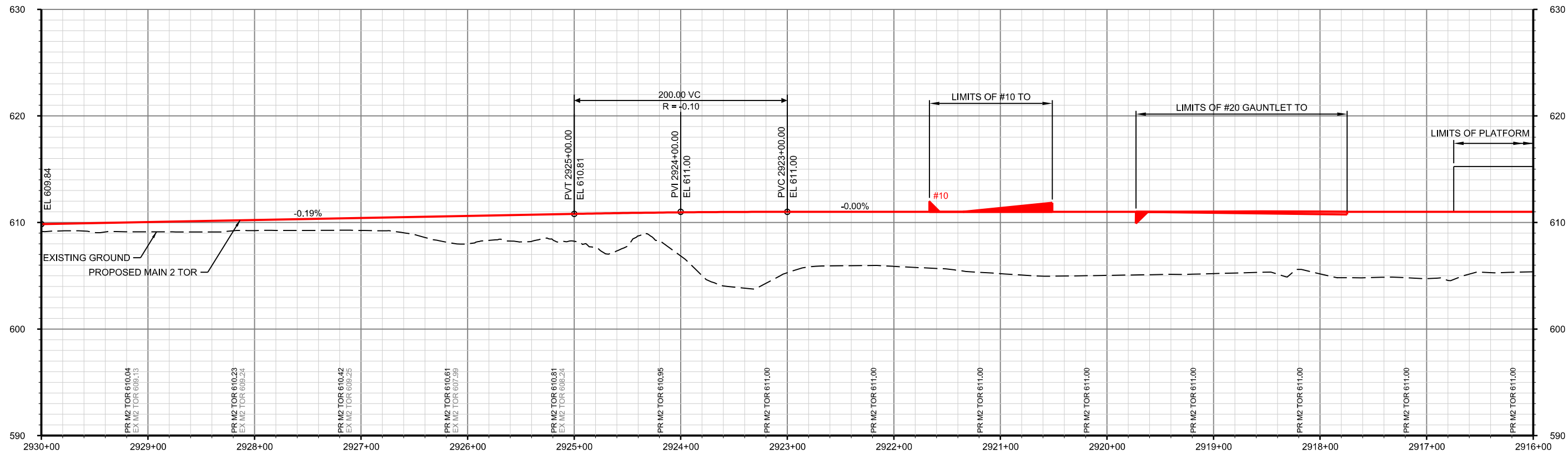


DESIGNED: PEI-KEK
DRAWN: PEI-ALH
CHECKED: PEI-SPH
DATE: MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NMI	
MAIN 2 PROFILE MAIN 2 STA 2930+00 TO 2958+00 MP 55.5 TO 56.0	
FILENAME	NICTD-R-ML01-PP-0
SCALE	AS NOTED
SHEET	107 OF 193

PLOT DATE: 5/16/2017 4:08:18 PM WJACKSON

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



PROP MAIN 2 PROFILES

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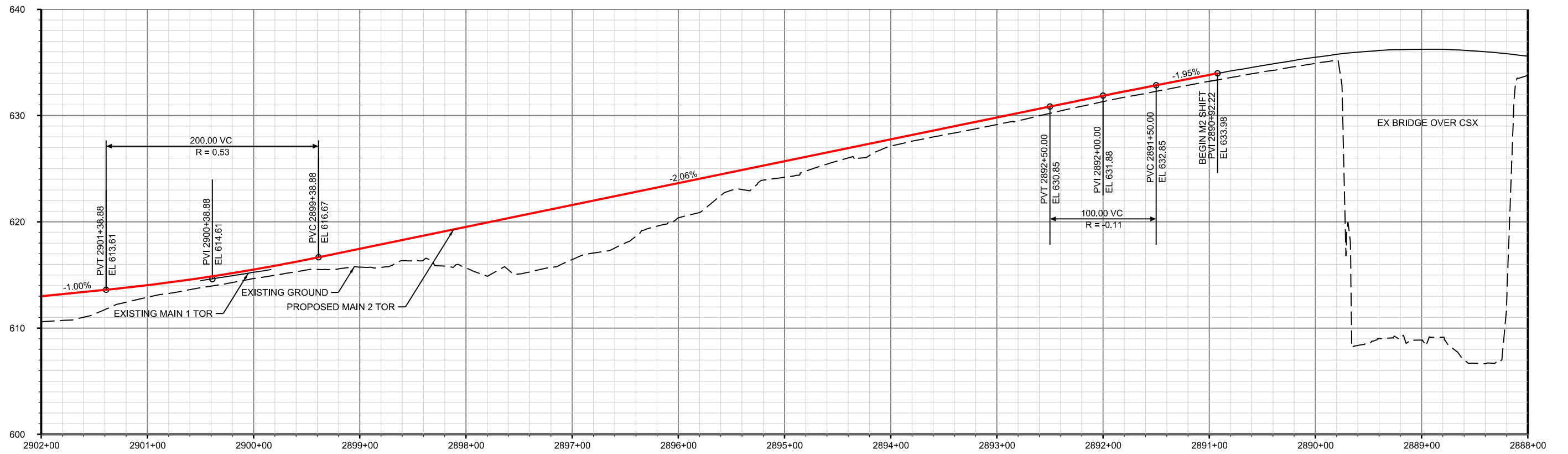
ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-KEK
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET 108 OF 193
<p align="center">MAIN 2 PROFILE MAIN 2 STA 2902+00 TO 2930+00 MP 55.0 TO 55.5</p>		
FILENAME	NICTD-R-ML01-PP-0	SCALE
SCALE	AS NOTED	

PLOT DATE: 5/16/2017 4:08:20 PM WJACKSON



PROP MAIN 2 PROFILES

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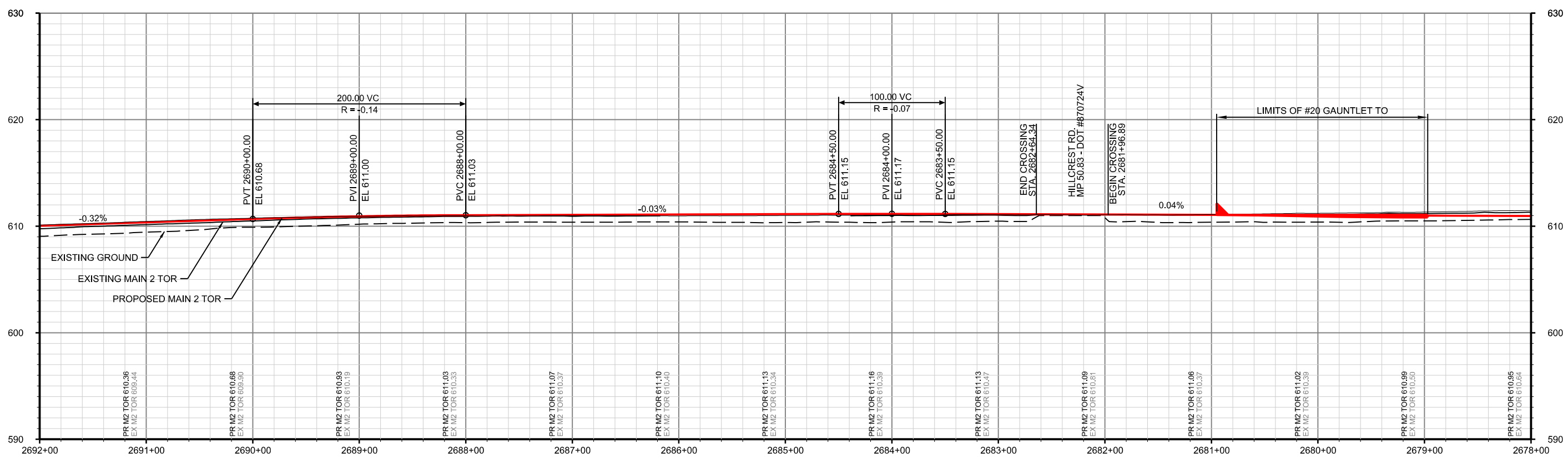
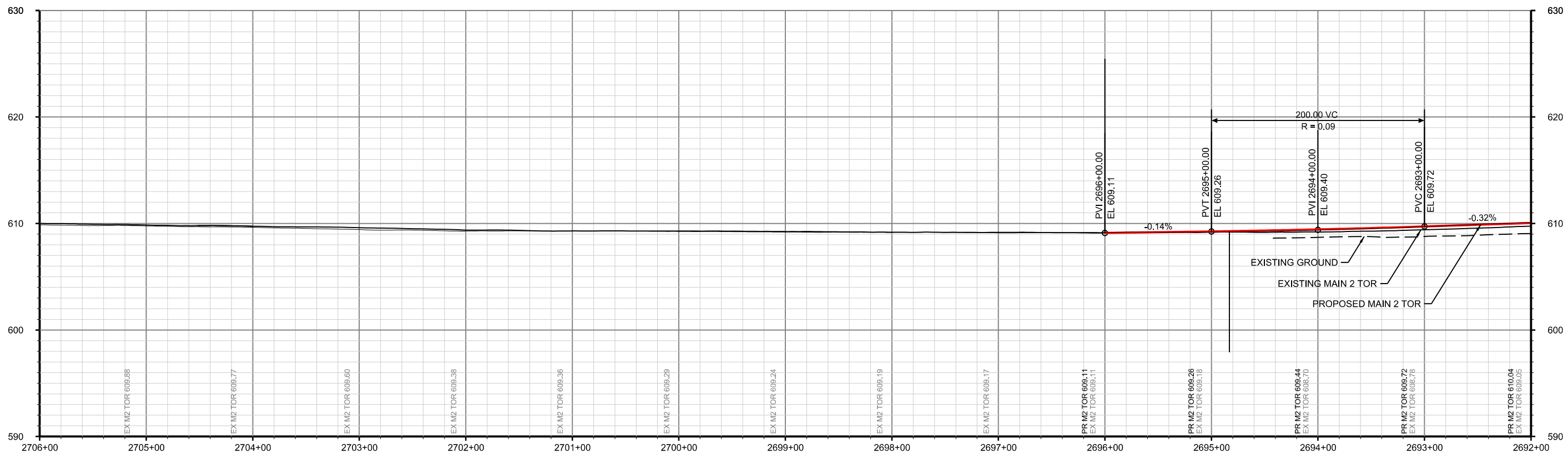


MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	PEI-KEK
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET
MAIN 2 PROFILE		
MAIN 2 STA 2888+00 TO 2902+00		
MP 54.7 TO 55.0		
FILENAME	NICTD-R-ML01-PP-0	109 OF 193
SCALE	AS NOTED	

PLOT DATE: 5/16/2017 4:08:22 PM WJACKSON



PROP MAIN 2 PROFILES

NOT FOR CONSTRUCTION SERIES RPP-101 OF RPP-138

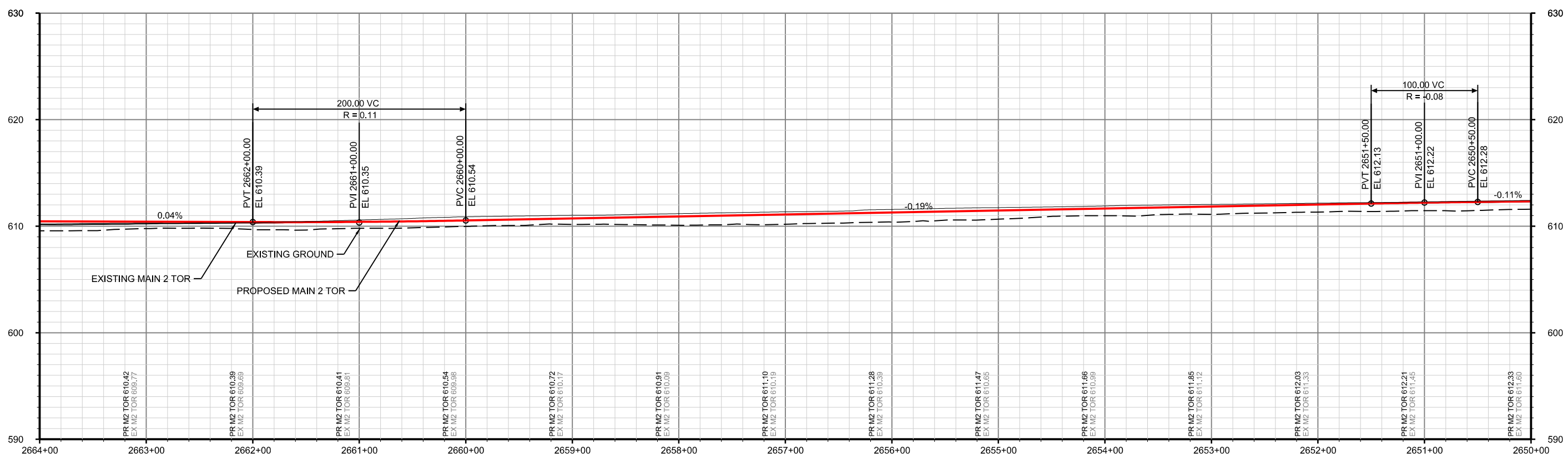
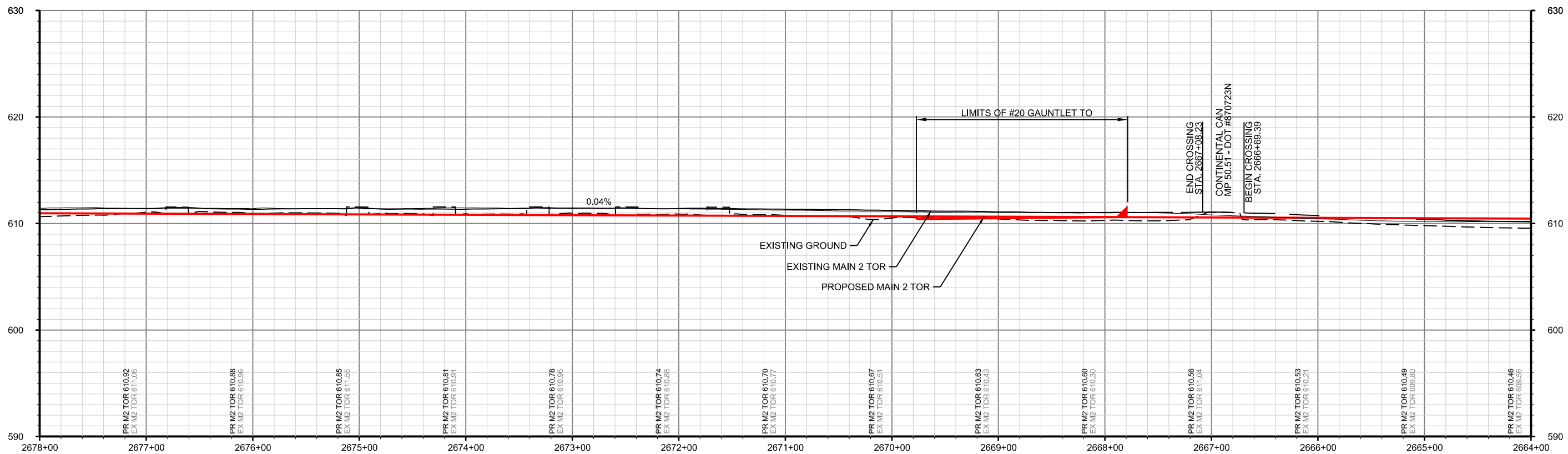


DESIGNED:	PEH-DJS
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NMI	
MAIN 2 PROFILE	
MAIN 2 STA 2678+00 TO 2706+00	
MP 50.7 TO 51.2	
FILENAME	NICTD-R-ML01-PP-0
SCALE	AS NOTED
SHEET	110 OF 193

PLOT DATE: 5/16/2017 4:08:23 PM WJACKSON

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



PROP MAIN 2 PROFILES

NOT FOR CONSTRUCTION SERIES RPP-102 OF RPP-138

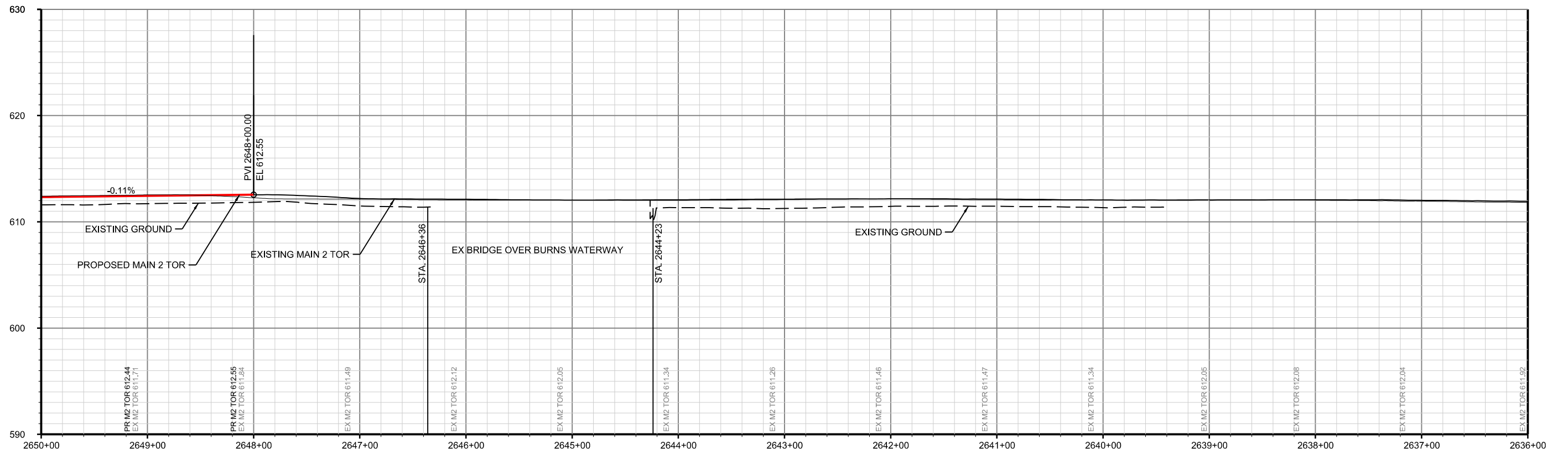


DESIGNED:	PEH-DJS
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NW	
MAIN 2 PROFILE MAIN 2 STA 2650+00 TO 2678+00 MP 50.2 TO 50.7	
FILENAME	NICTD-R-ML01-PP-0
SCALE	AS NOTED
SHEET	111 OF 193

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

PLOT DATE: 5/16/2017 4:08:26 PM WJACKSON



PROP MAIN 2 PROFILES

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0	05/12/2017	FINAL PRELIMINARY DESIGN



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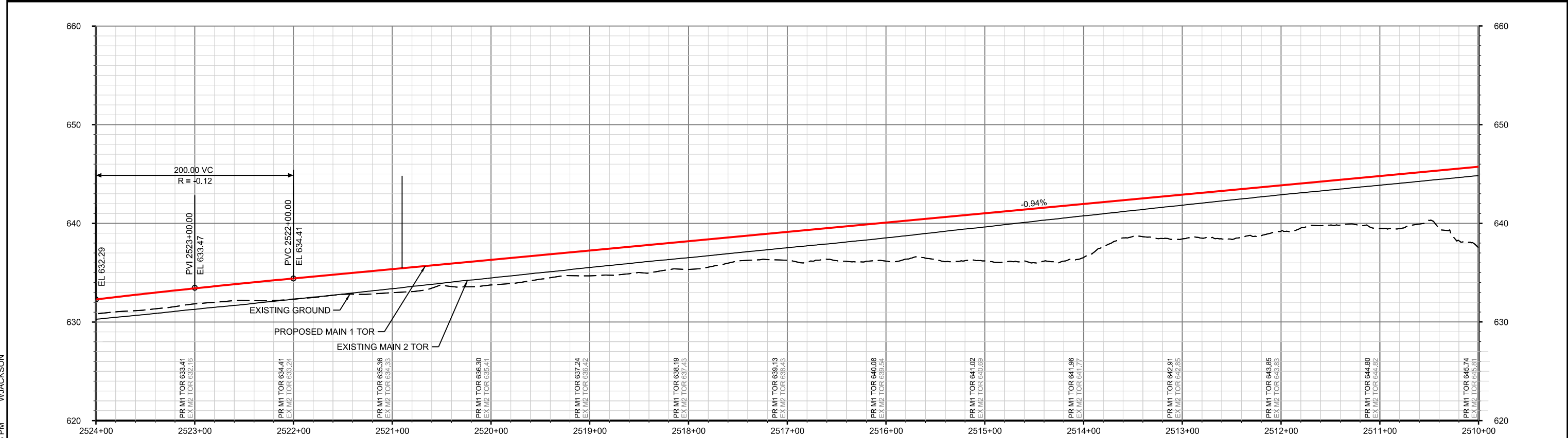
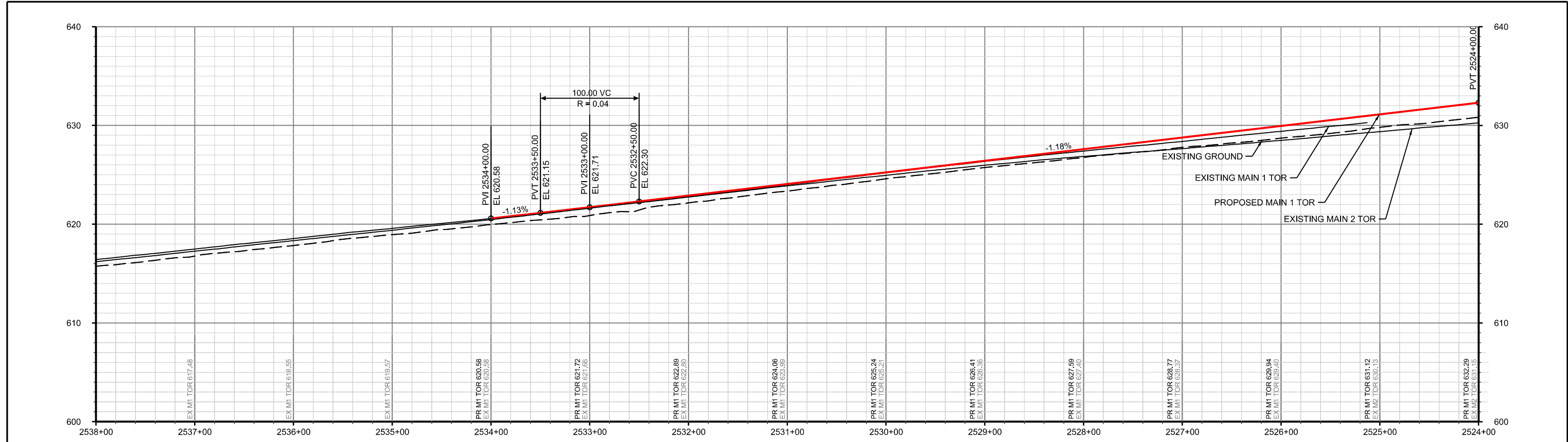


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MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	PEI-DJS
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		FILENAME	NICTD-R-ML01-PP-0	SHEET	112 OF 193
MAIN 2 PROFILE MAIN 1 STA 2636+00 TO 2650+00 MP 49.9 TO 50.2		SCALE	AS NOTED		

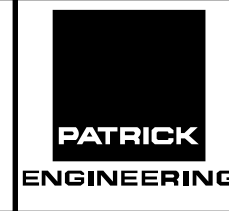
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PROP MAIN 1 PROFILES

NOT FOR CONSTRUCTION SERIES RPP-104 OF RPP-138

PLOT DATE: 5/16/2017 4:09:18 PM WJACKSON

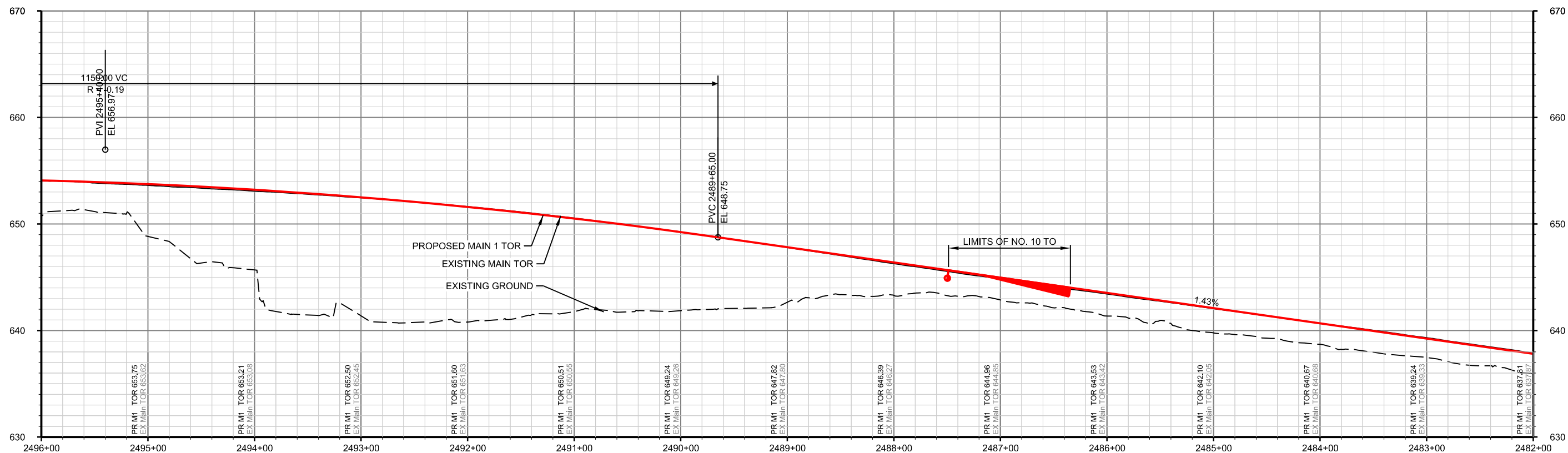
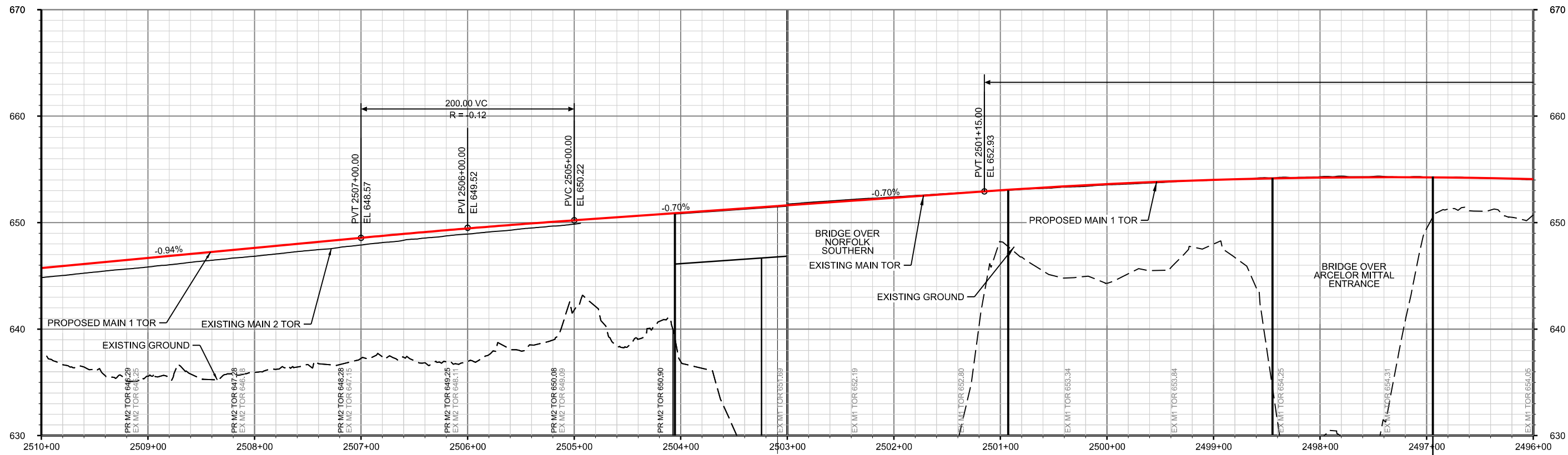


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEH-DJS
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	113 OF 193
SCALE	AS NOTED		



PROP MAIN 1 PROFILES

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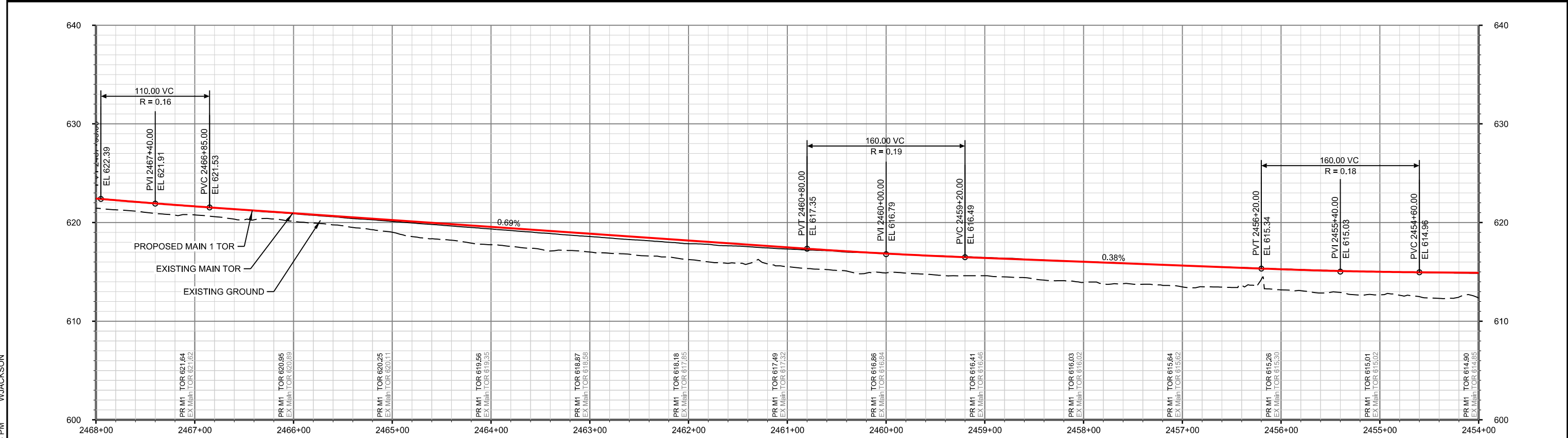
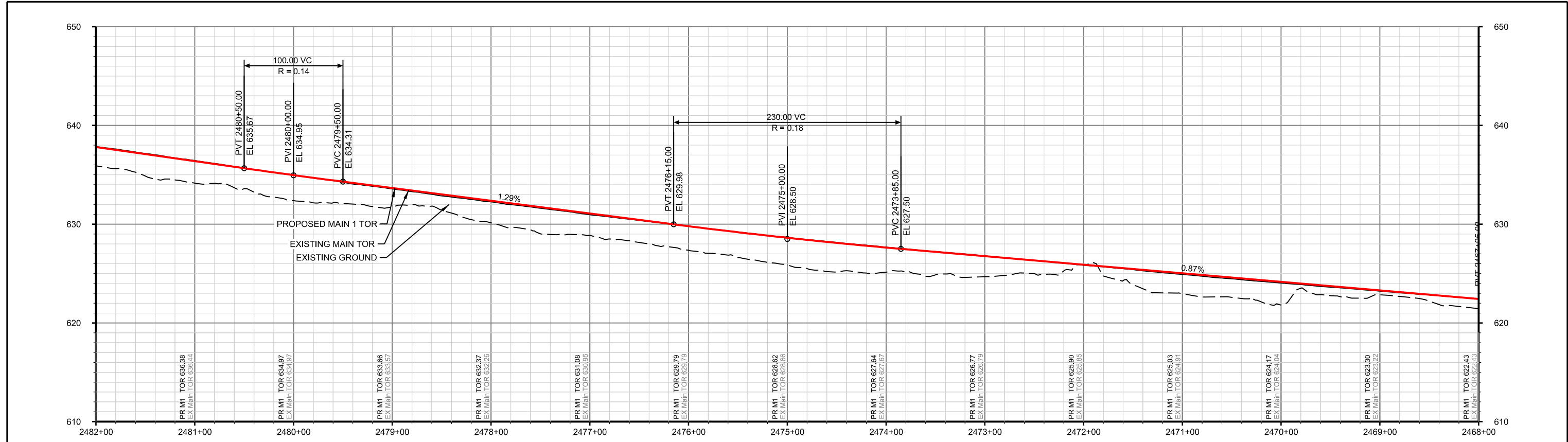
DESIGNED: PEH-JL
DRAWN: PEI-WJJ
CHECKED: PEI-ZDH
DATE: MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI
MAIN 1 PROFILE
MAIN 1 STA 2482+00 TO 2510+00
MP 47.0 TO 47.5

FILENAME	NICTD-R-ML01-PP-0	SHEET	114 OF 193
SCALE	AS NOTED		

PLOT DATE: 5/16/2017 4:09:21 PM WJACKSON

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



PROP MAIN 1 PROFILES

NOT FOR CONSTRUCTION SERIES RPP-106 OF RPP-138



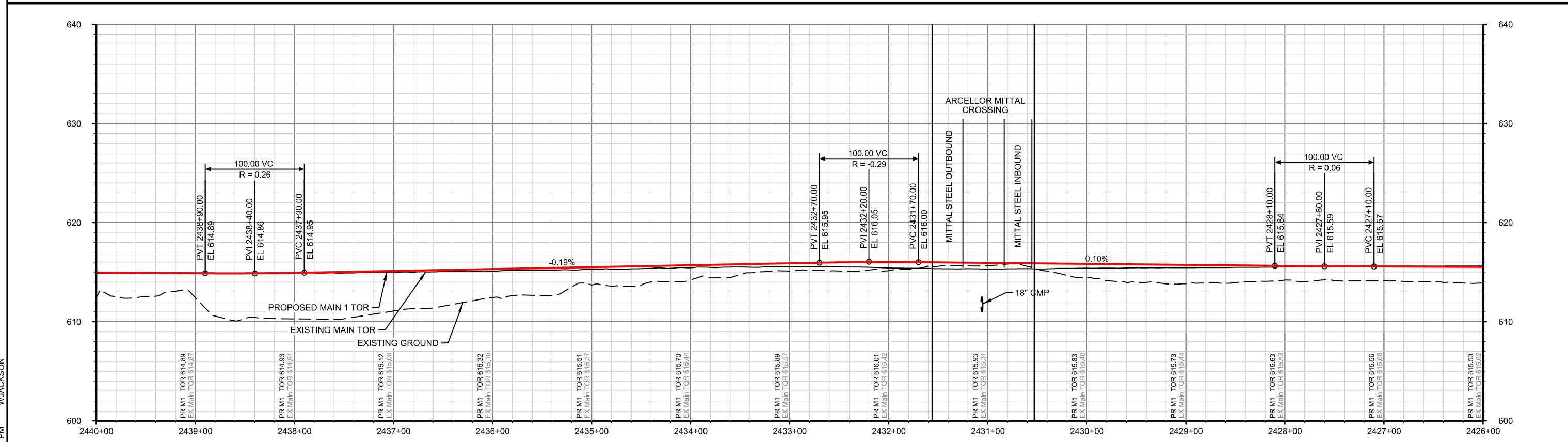
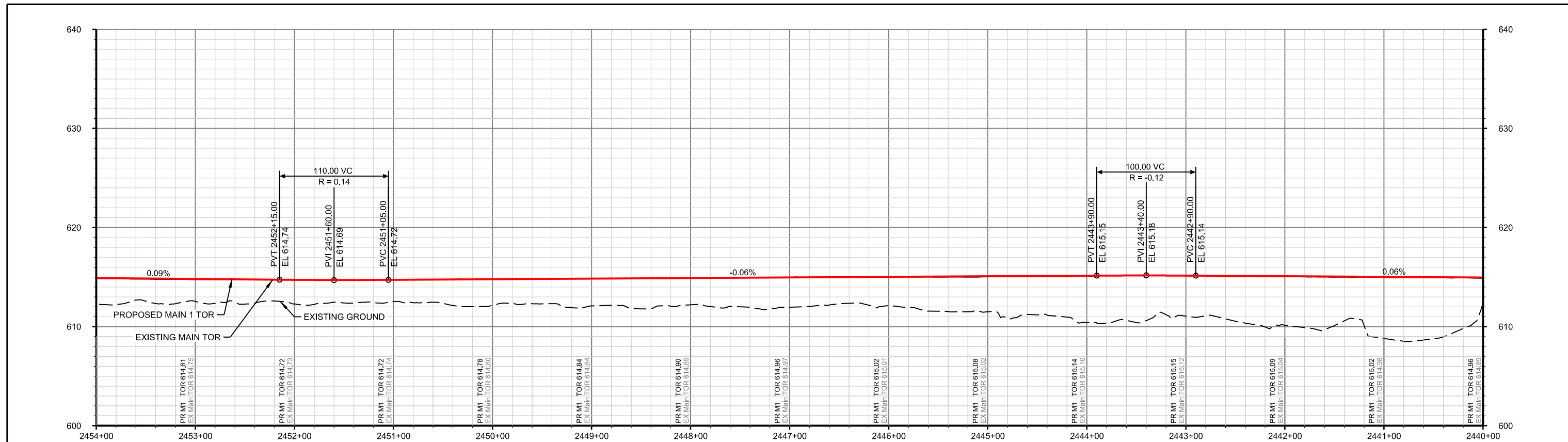
ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEP-JL
DRAWN:	PEI-WJJ
CHECKED:	PEI-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NMI	
MAIN 1 PROFILE	
MAIN 1 STA 2454+00 TO 2482+00	
MP 46.5 TO 47.0	
FILENAME	NICTD-R-ML01-PP-0
SCALE	AS NOTED
SHEET	115 OF 193

PLOT DATE: 5/16/2017 4:09:24 PM WJACKSON



PROP MAIN 1 PROFILES

NOT FOR CONSTRUCTION SERIES RPP-107 OF RPP-138



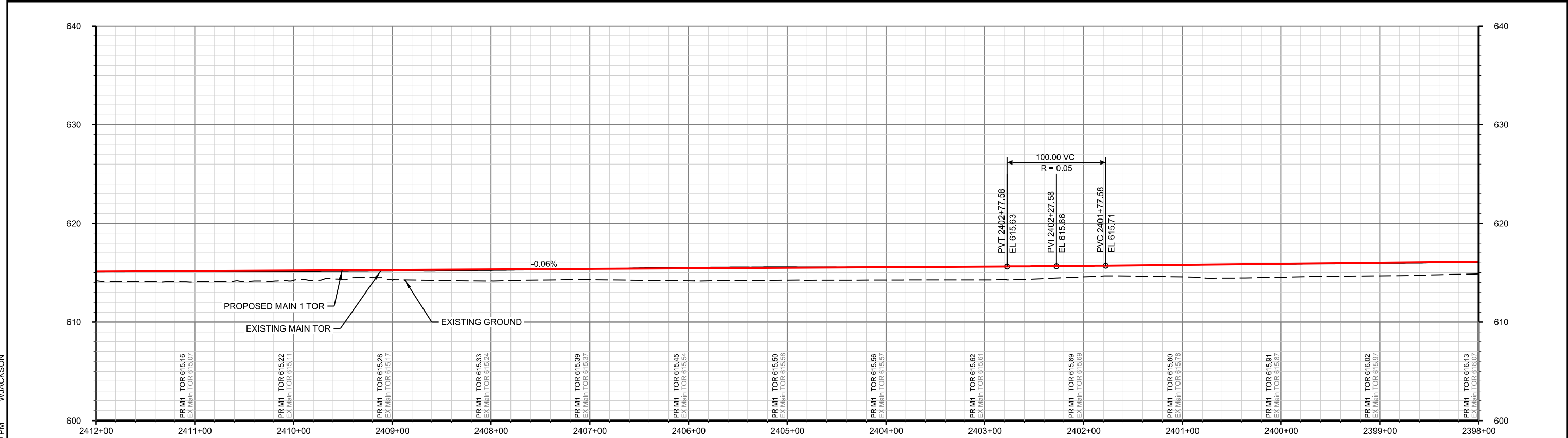
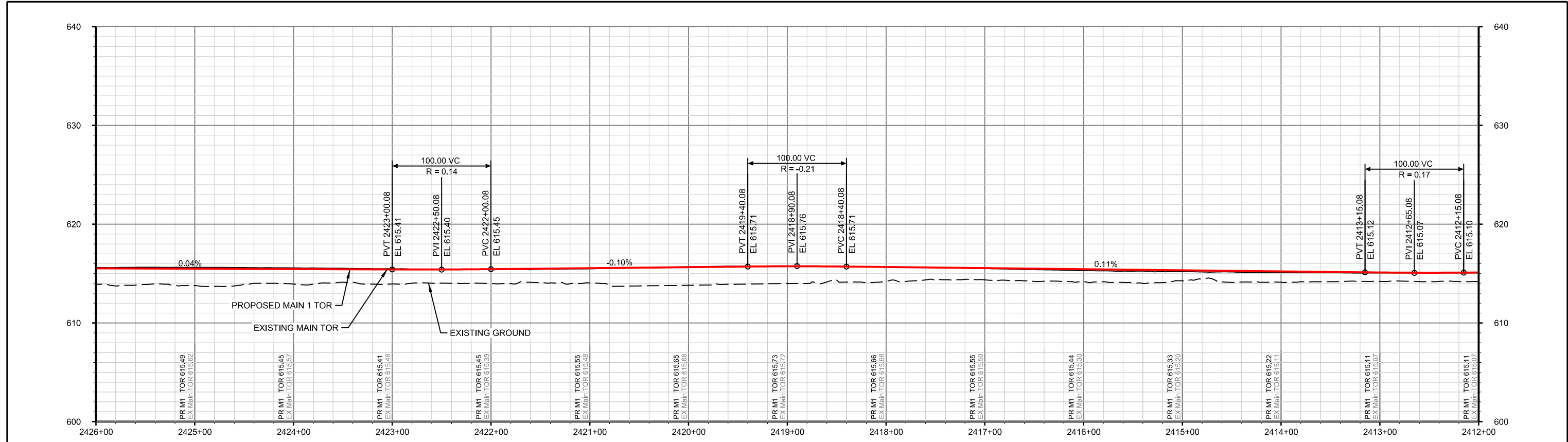
ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	116 OF 193
SCALE	AS NOTED		

PLOT DATE: 5/16/2017 4:09:27 PM WJACKSON



PROP MAIN 1 PROFILES

NOT FOR CONSTRUCTION SERIES RPP-108 OF RPP-138

PLOT DATE: 5/16/2017 4:09:30 PM WJACKSON

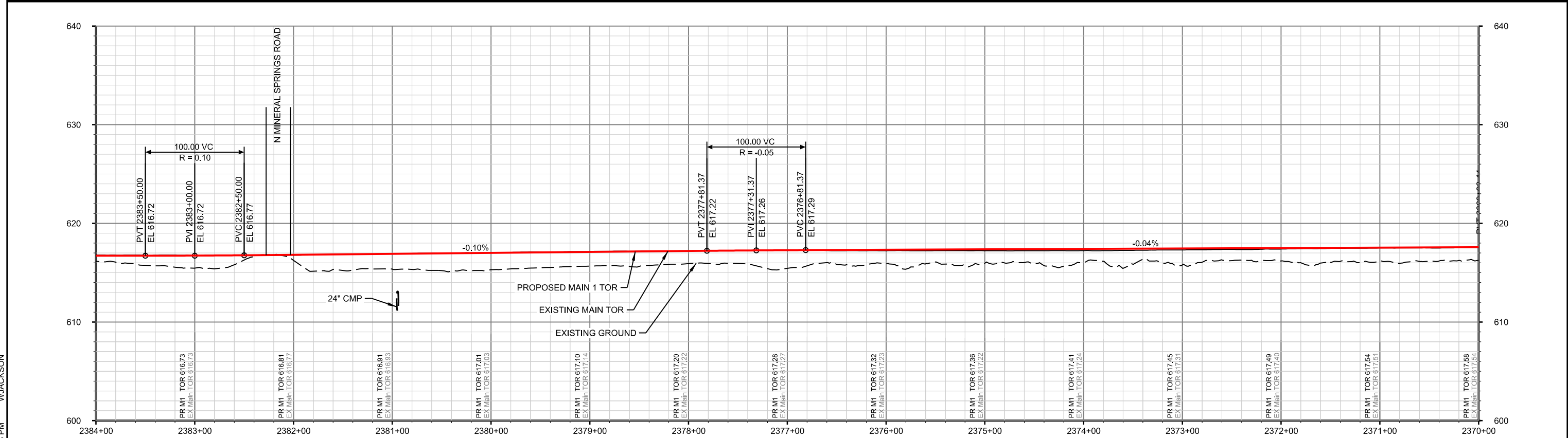
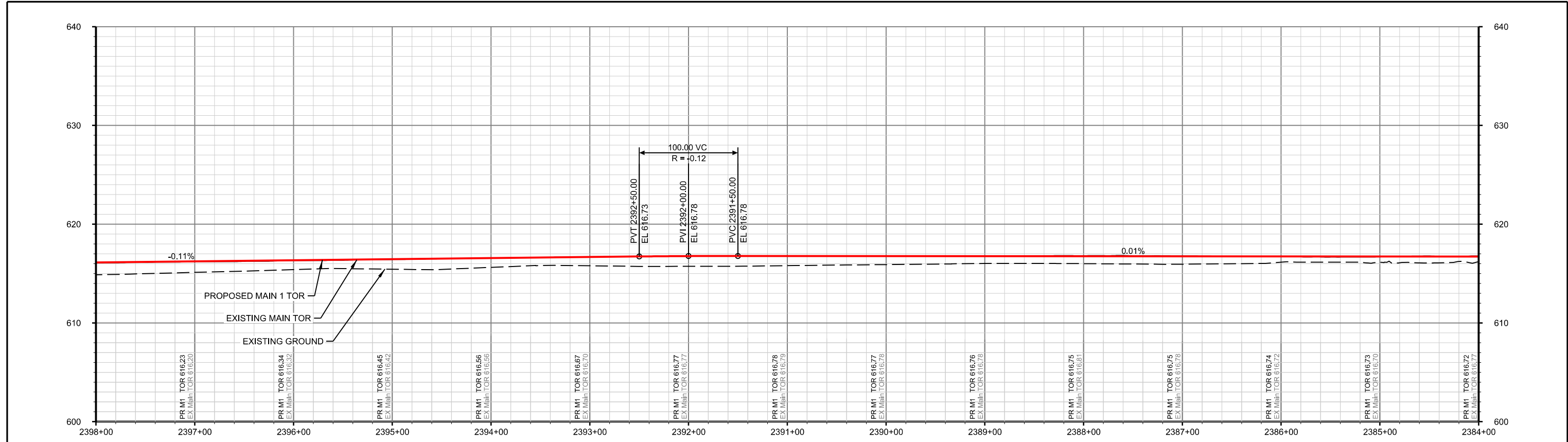


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NMI	
MAIN 1 PROFILE MAIN 1 STA 2398+00 TO 2426+00 MP 45.4 TO 46.0	
FILENAME	NICTD-ML01-PP-0
SCALE	AS NOTED
SHEET	117 OF 193



PROP MAIN 1 PROFILES

NOT FOR CONSTRUCTION SERIES RPP-109 OF RPP-138

PLOT DATE: 5/16/2017 4:09:33 PM WJACKSON

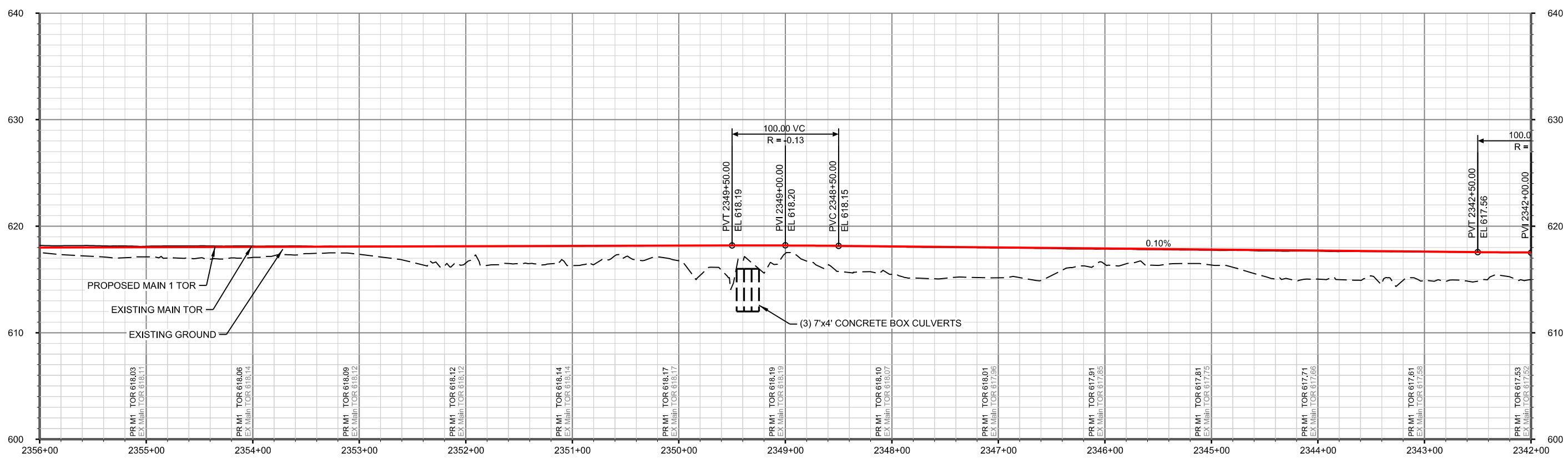
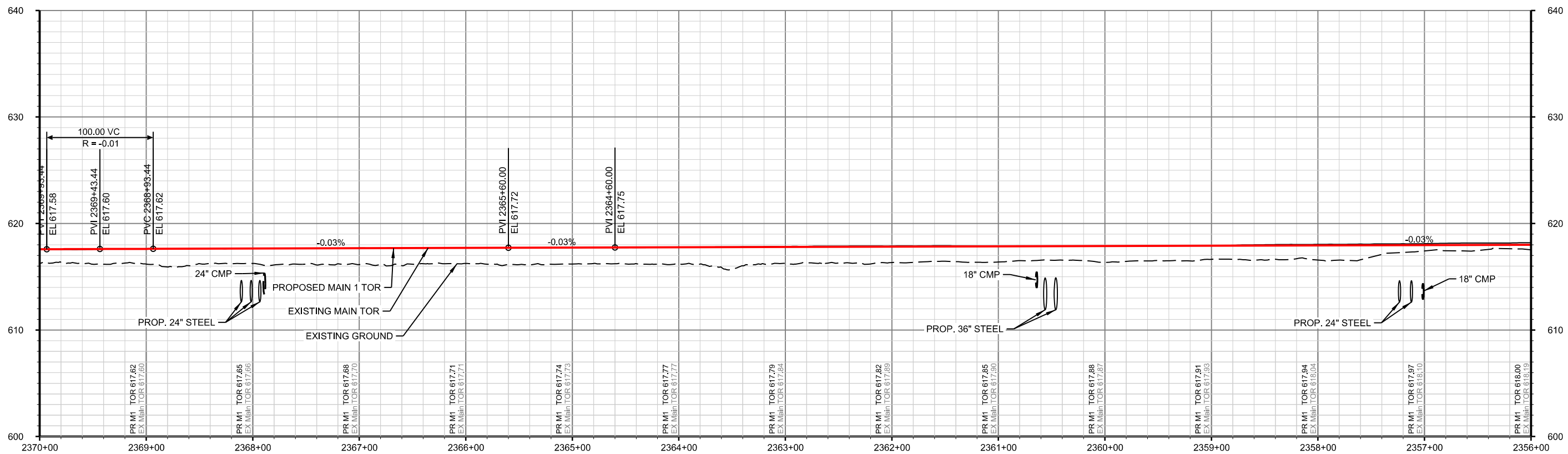


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI	
MAIN 1 PROFILE	
MAIN 1 STA 2370+00 TO 2398+00 MP 44.9 TO 45.4	
FILENAME	NICTD-R-ML01-PP-0
SCALE	AS NOTED
SHEET	118 OF 193



PROP MAIN 1 PROFILES

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MICHIGAN CITY TO GARY, INDIANA

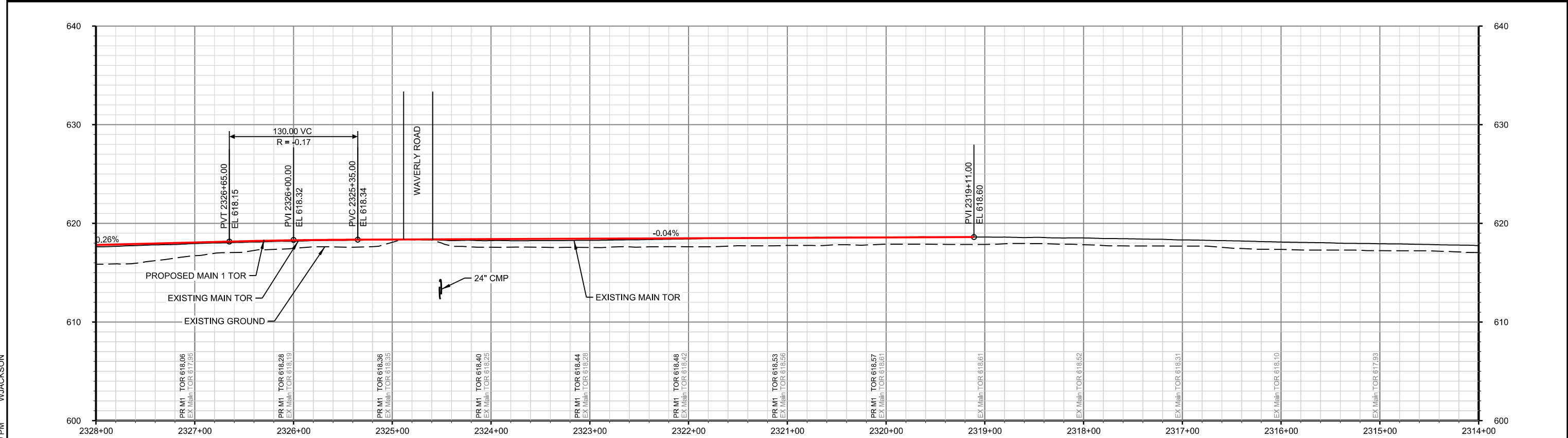
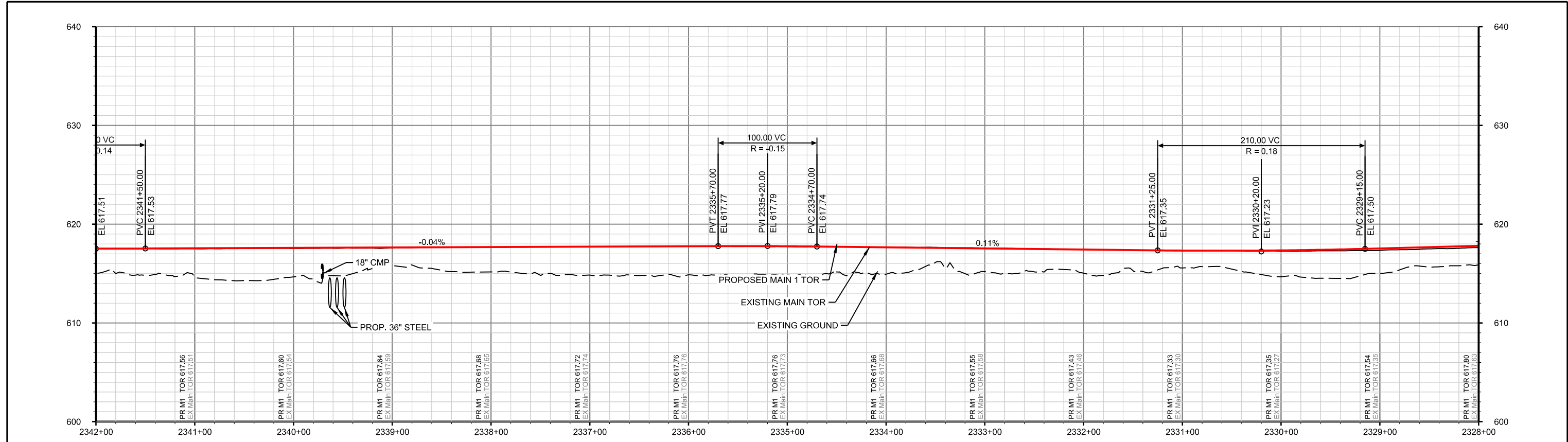
DESIGNED: HDR-PJL
DRAWN: HDR-WJJ
CHECKED: HDR-ZDH
DATE: MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NW
MAIN 1 PROFILE
MAIN 1 STA 2342+00 TO 2370+00
MP 44.4 TO 44.9

FILENAME	NICTD-R-ML01-PP-0	SHEET
SCALE	AS NOTED	119 OF 193

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

PLOT DATE: 5/16/2017 4:09:36 PM WJACKSON



PROP MAIN 1 PROFILES

NOT FOR CONSTRUCTION SERIES RPP-111 OF RPP-138

PLOT DATE: 5/16/2017 4:09:39 PM WJACKSON

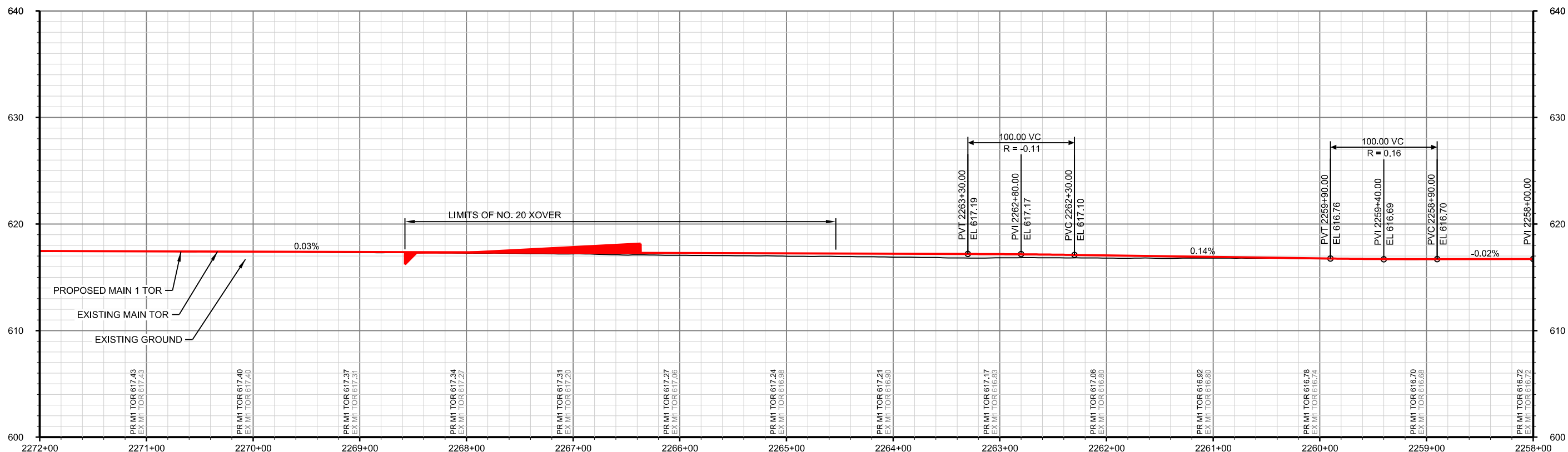
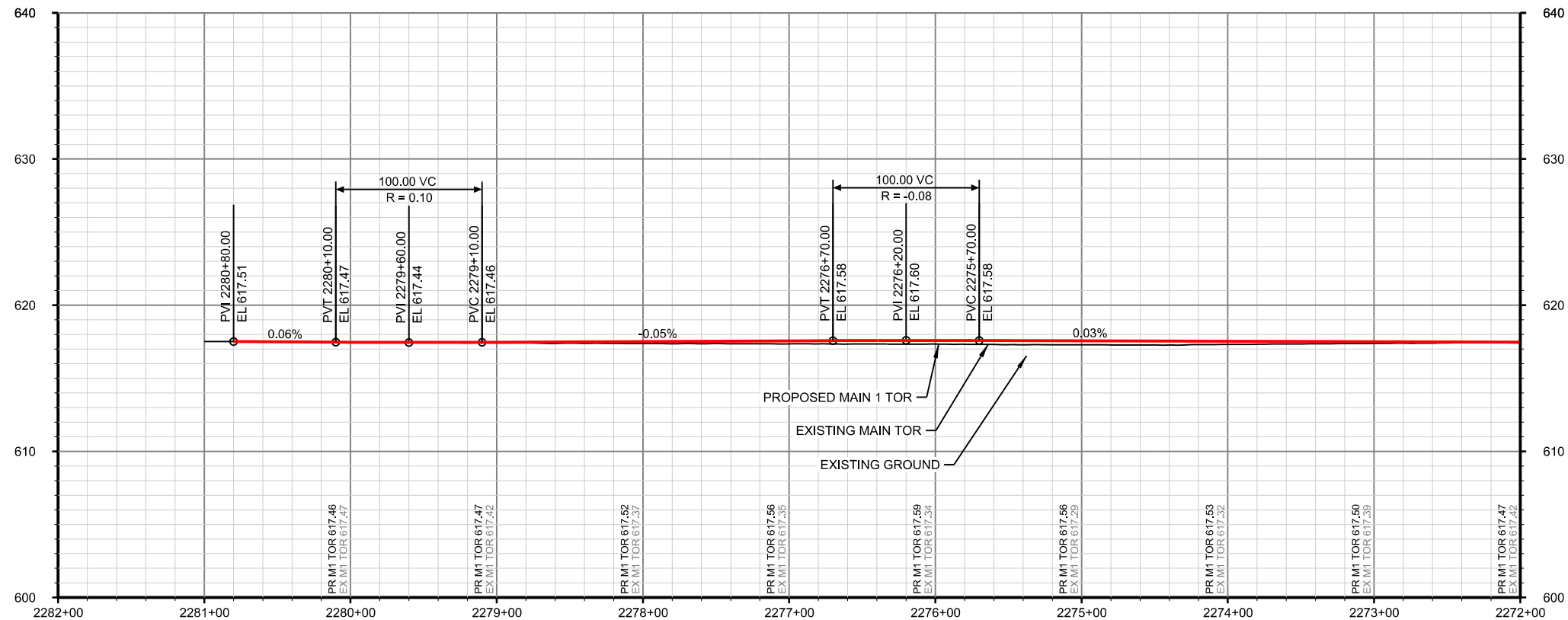


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		
MAIN 1 PROFILE		
MAIN 1 STA 2314+00 TO 2342+00		
MP 43.8 TO 44.4		
FILENAME	NICTD-RL01-PP-0	SHEET
SCALE	AS NOTED	120 OF 193



PROP MAIN 1 PROFILES

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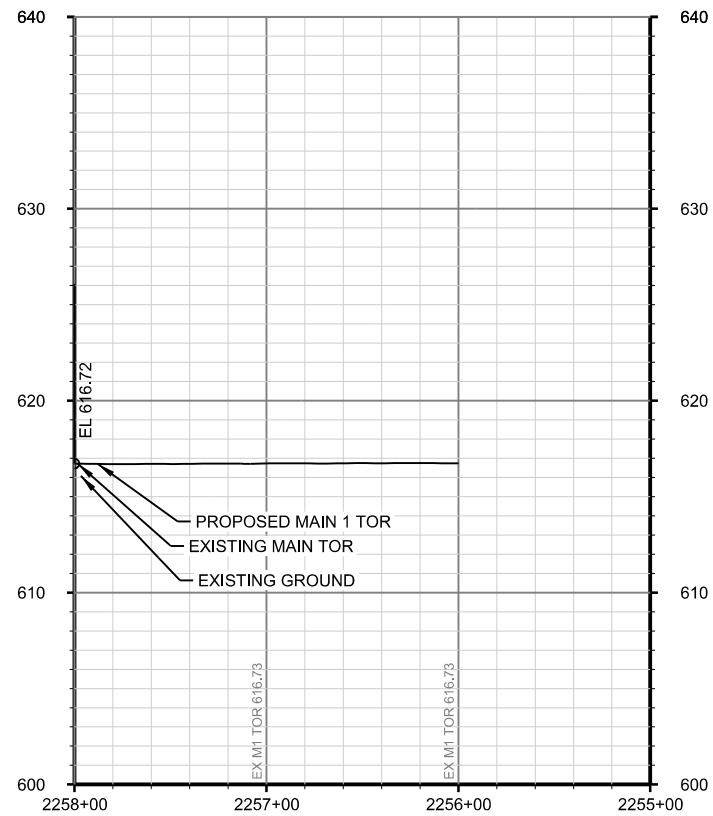
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CHECKED: HDR-ZDH
DATE: MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NMI
MAIN 1 PROFILE
MAIN 1 STA 2258+00 TO 2282+00
MP 42.8 TO 43.2

FILENAME: NICTD-R-ML01-PP-0 SHEET: 121 OF 193
SCALE: AS NOTED

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

PLOT DATE: 5/16/2017 4:09:41 PM WJACKSON



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ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



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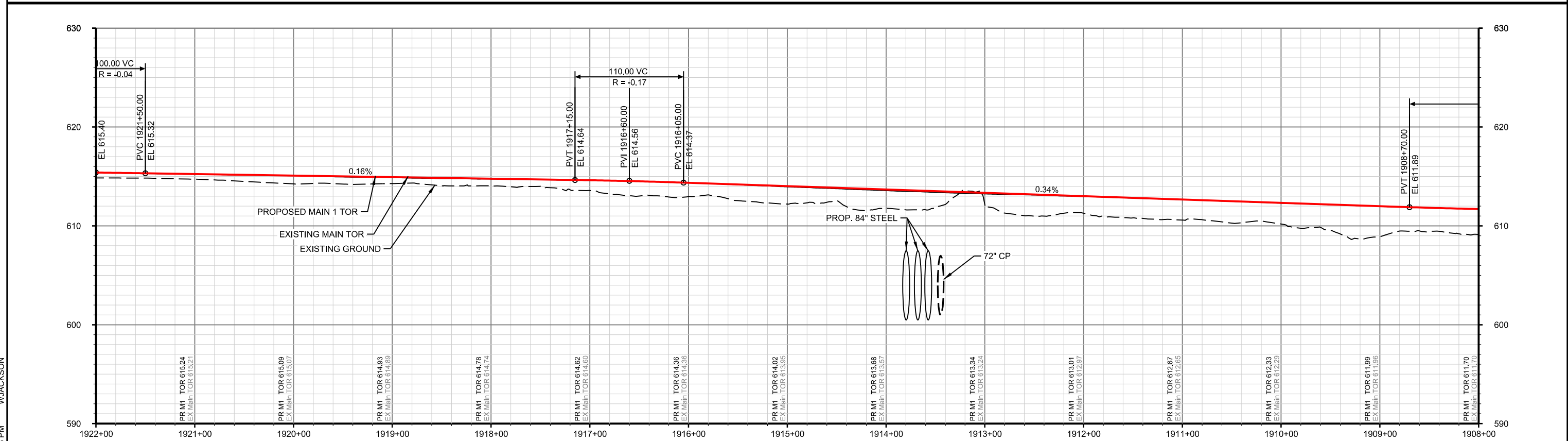
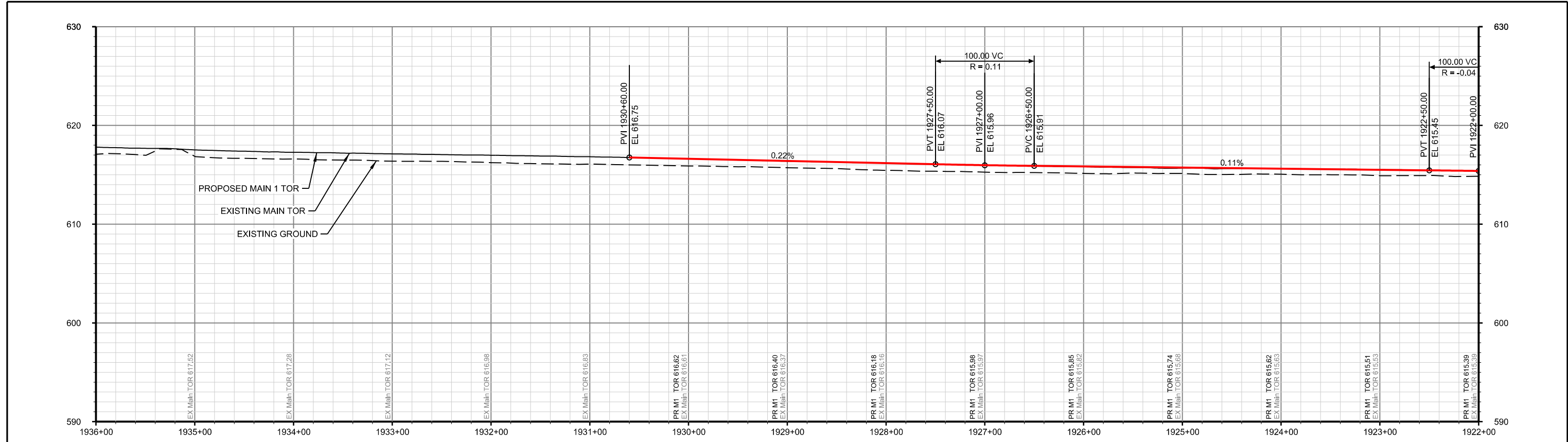


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MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET
MAIN 1 PROFILE MAIN 1 STA 2255+00 TO 2258+00 MP 42.7 TO 42.8		122 OF 193
FILENAME	NICTD-R-ML01-PP-0	
SCALE	AS NOTED	

PLOT DATE: 5/16/2017 4:09:43 PM WJACKSON



PROP MAIN 1 PROFILES

NOT FOR CONSTRUCTION SERIES RPP-114 OF RPP-138

PLOT DATE: 5/16/2017 4:09:46 PM WJACKSON

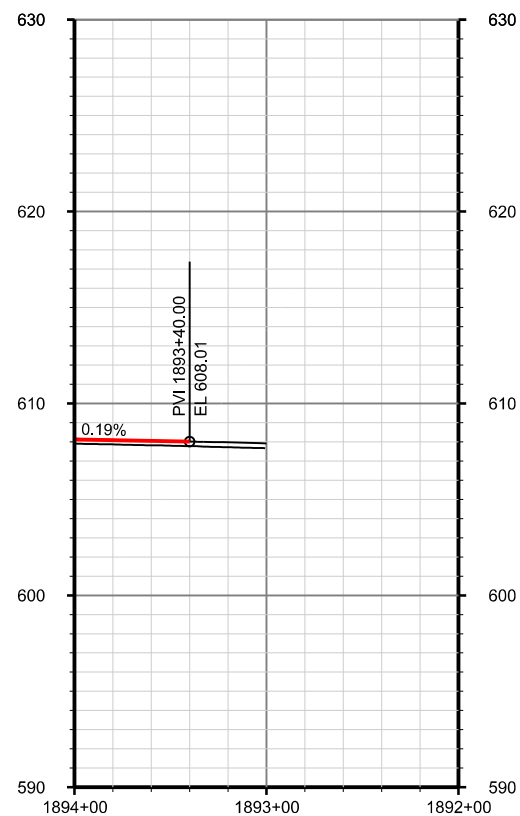
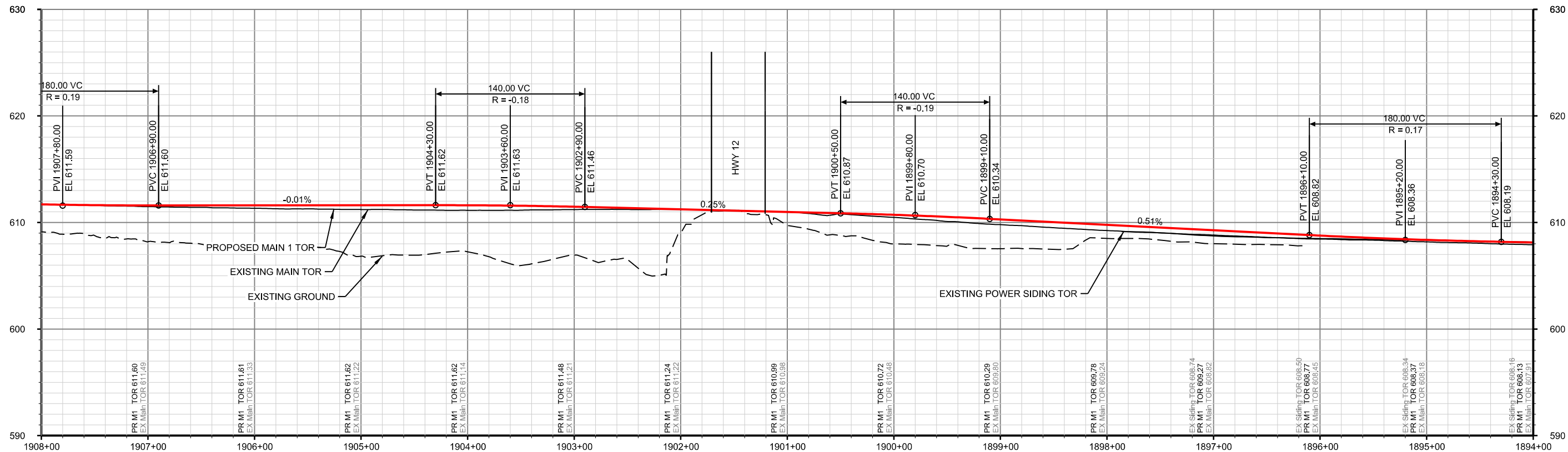


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NW1	
MAIN 1 PROFILE MAIN 1 STA 1908+00 TO 1936+00 MP 36.1 TO 36.6	
FILENAME	NICTD-R-ML01-PP-0
SCALE	AS NOTED
SHEET	123 OF 193



PROP MAIN 1 PROFILES

NOT FOR CONSTRUCTION SERIES RPP-115 OF RPP-138



ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

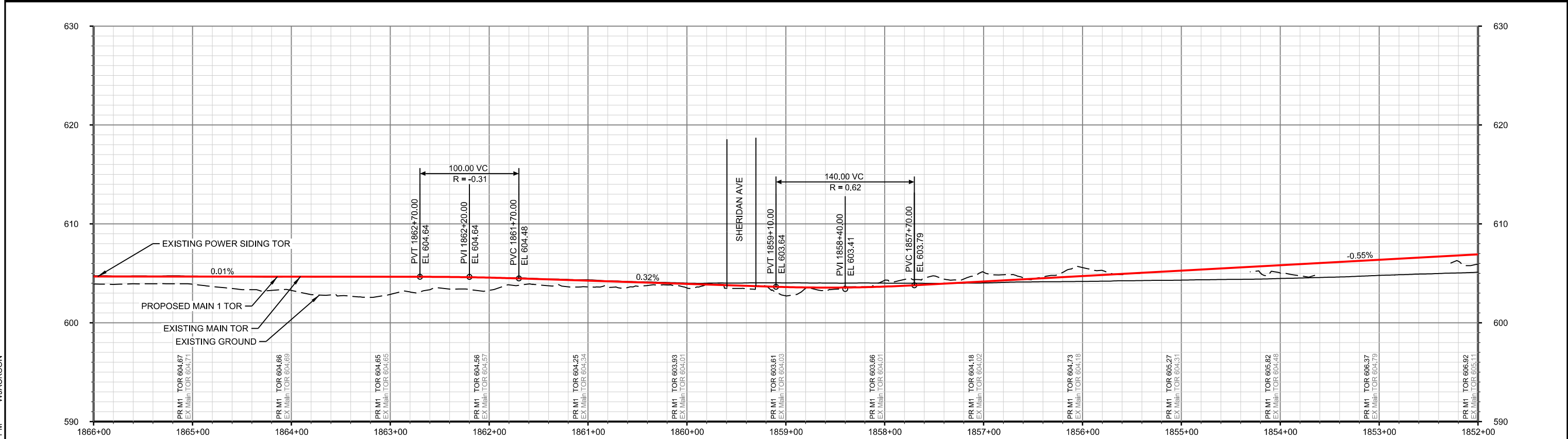
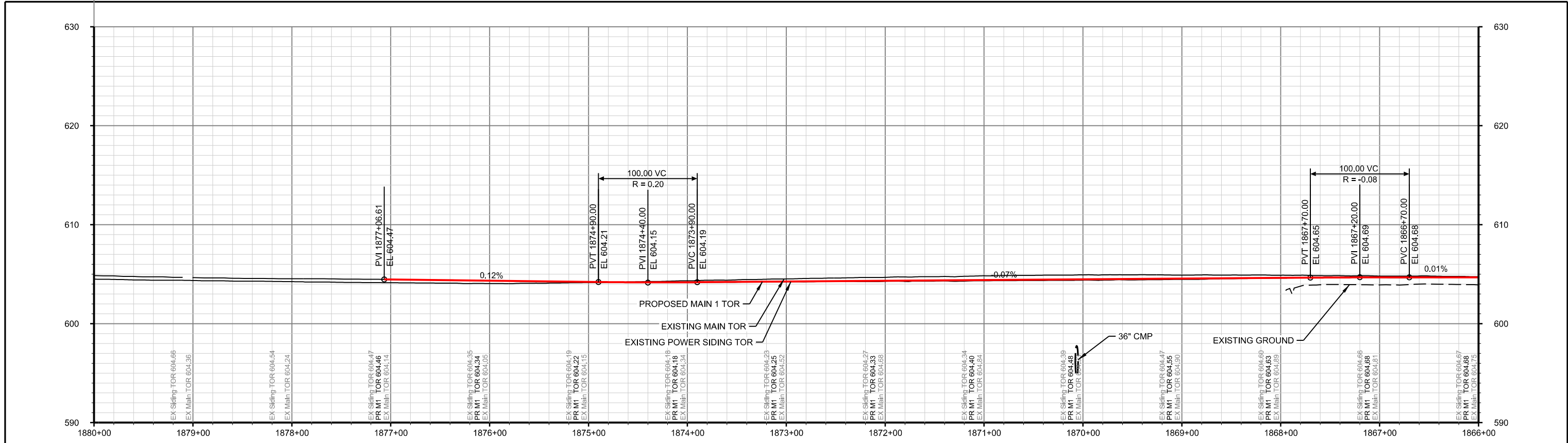


DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	124 OF 193
SCALE	AS NOTED		

MAIN 1 PROFILE
MAIN 1 STA 1892+00 TO 1908+00
MP 35.8 TO 36.1

PLOT DATE: 5/16/2017 4:09:48 PM WJACKSON



PROP MAIN 1 PROFILES

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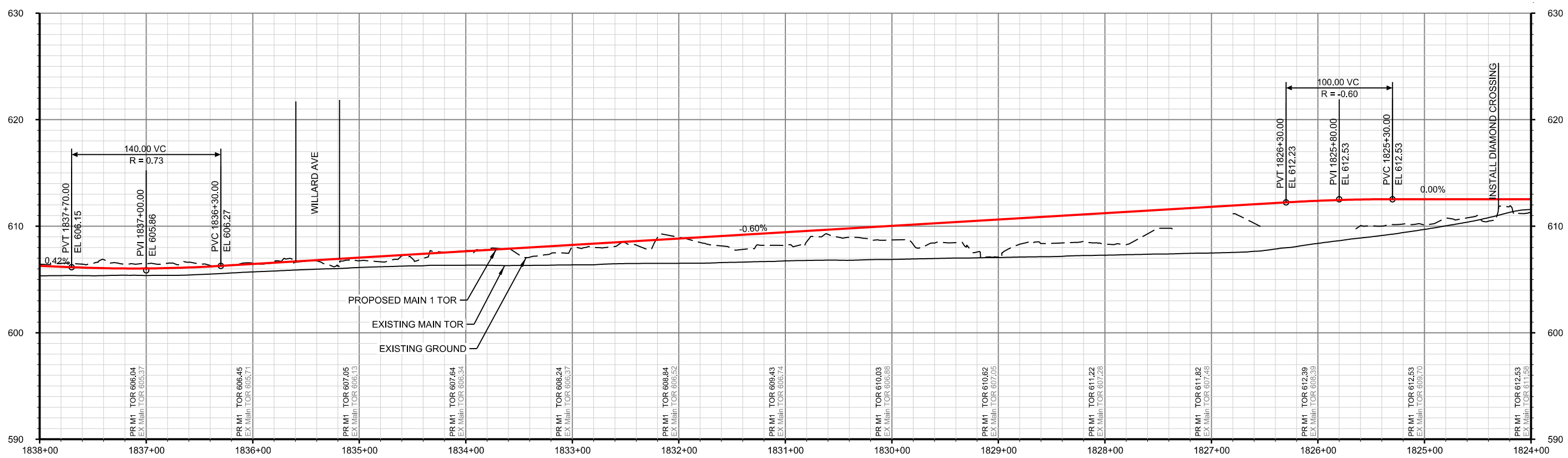
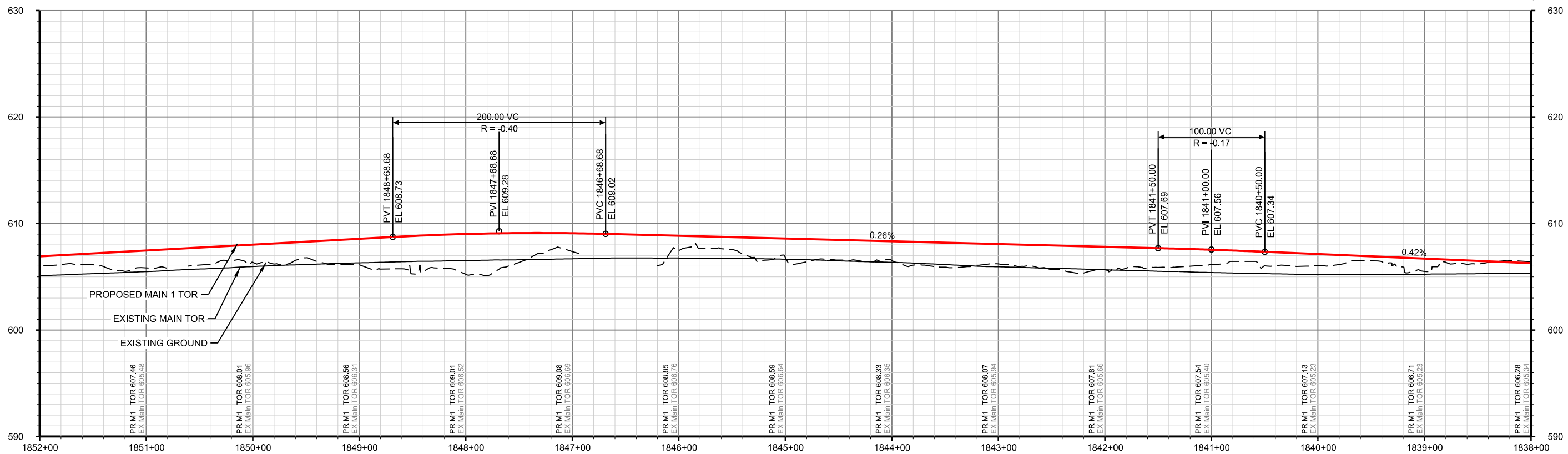
DESIGNED: HDR-PJL
DRAWN: HDR-WJJ
CHECKED: HDR-ZDH
DATE: MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI
MAIN 1 PROFILE
MAIN 1 STA 1852+00 TO 1880+00
MP 35.1 TO 35.6

FILENAME: NICTD-R-ML01-PP-0 SHEET: 125 OF 193
SCALE: AS NOTED

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

PLOT DATE: 5/16/2017 4:09:51 PM WJACKSON



PROP MAIN 1 PROFILES

NOT FOR CONSTRUCTION SERIES RPP-117 OF RPP-138



ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



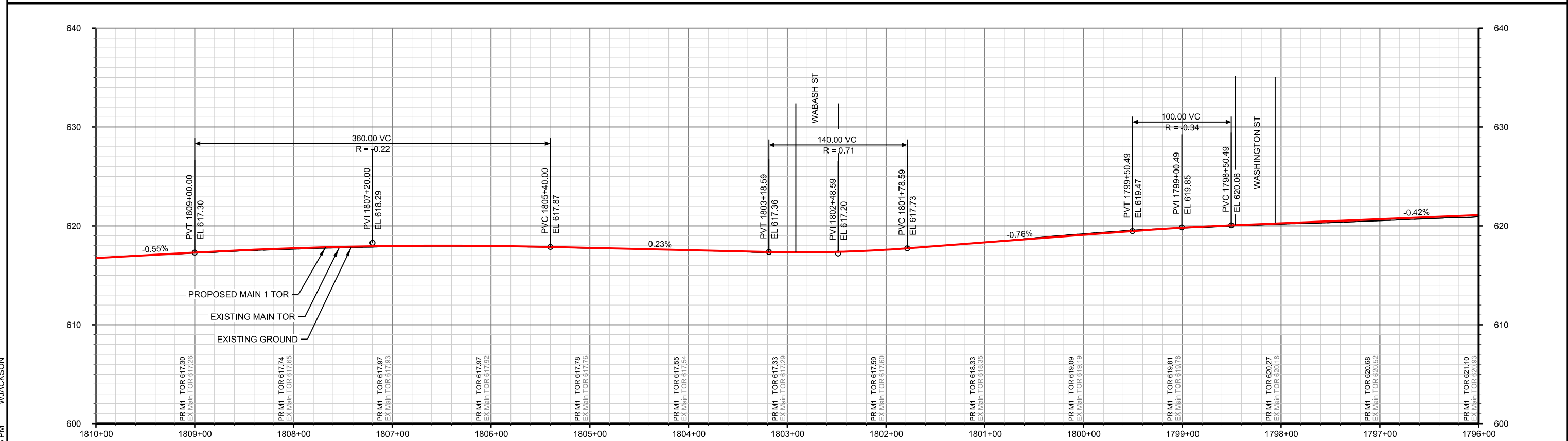
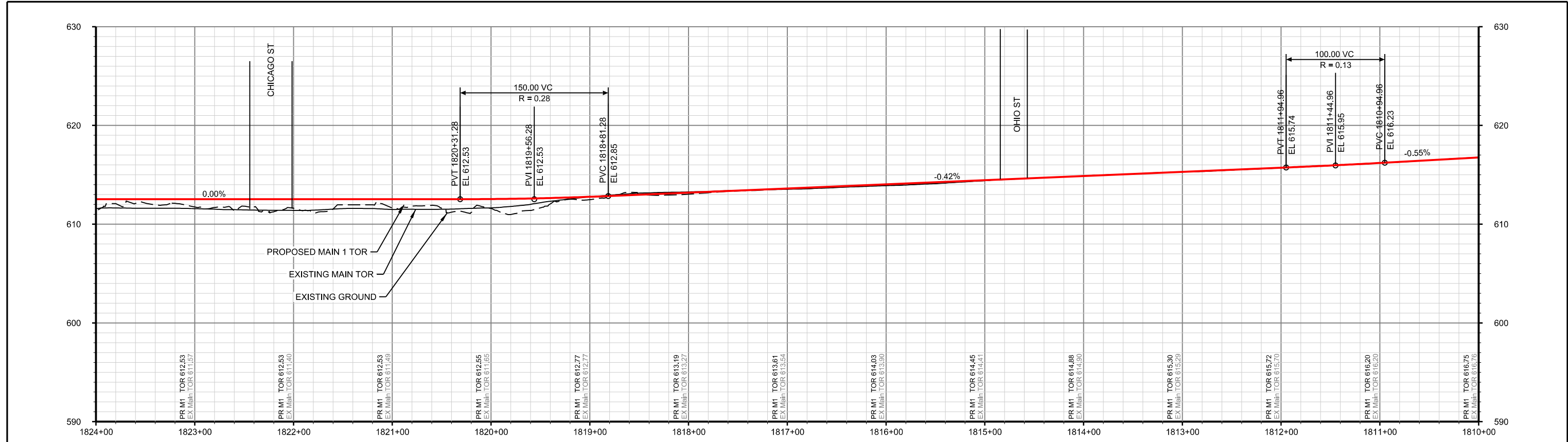
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DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	126 OF 193
SCALE	AS NOTED		

PLOT DATE: 5/16/2017 4:09:53 PM WJACKSON

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NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NMI
MAIN 1 PROFILE
MAIN 1 STA 1824+00 TO 1852+00
MP 34.5 TO 35.1



PROP MAIN 1 PROFILES

NOT FOR CONSTRUCTION SERIES RPP-118 OF RPP-138



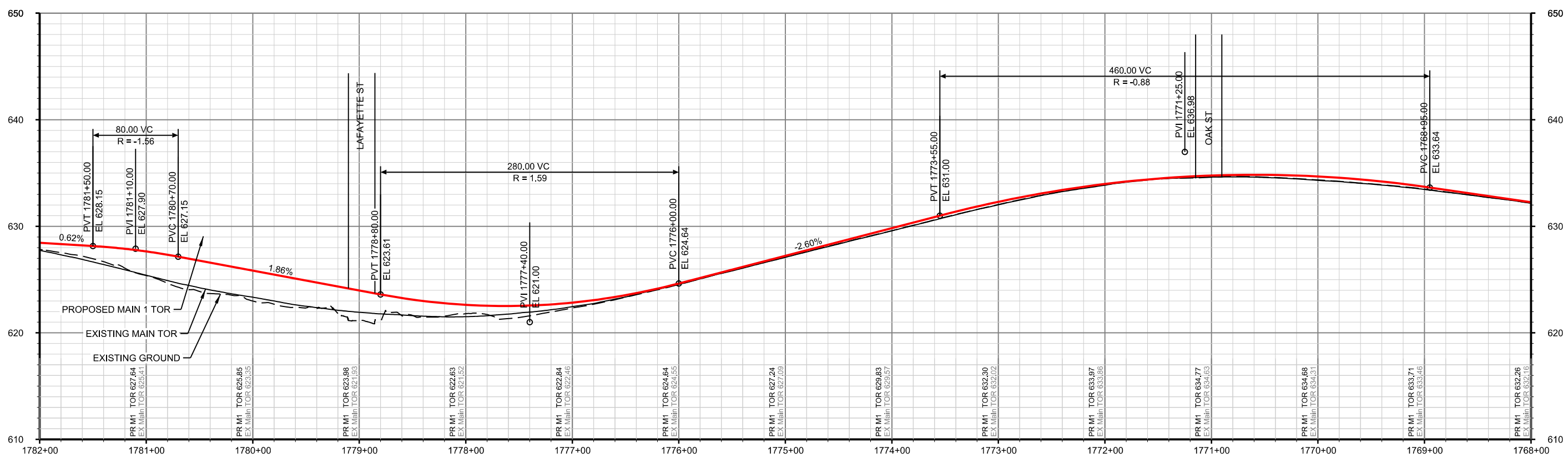
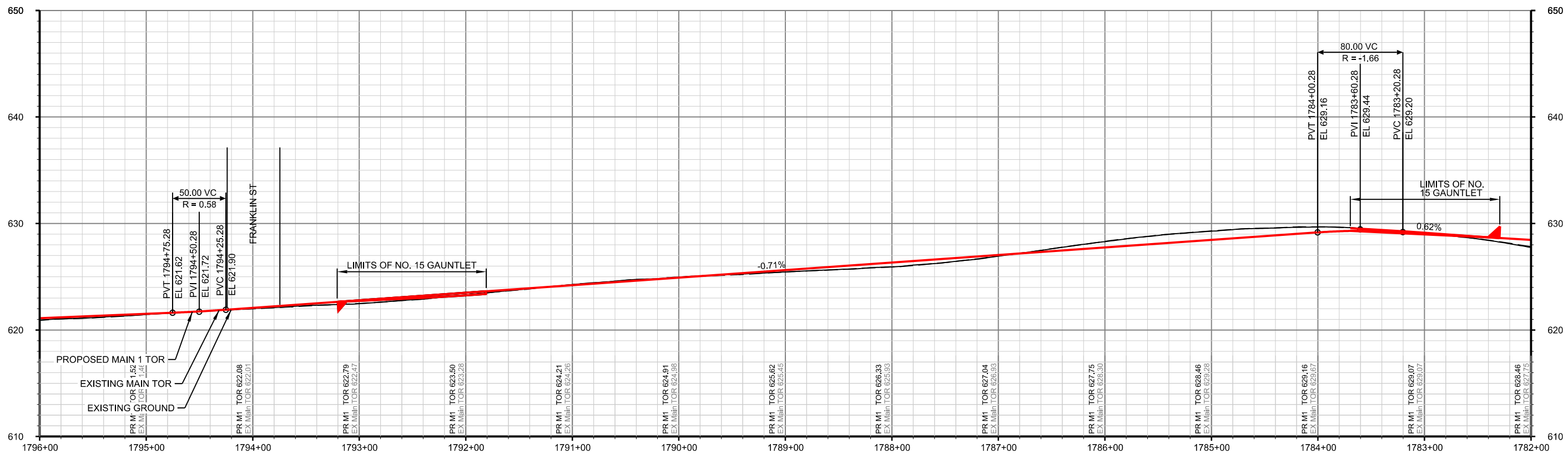
ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI	
MAIN 1 PROFILE	
MAIN 1 STA 1796+00 TO 1824+00 MP 34.0 TO 34.5	
FILENAME	NICTD-R-ML01-PP-0
SCALE	AS NOTED
SHEET	127 OF 193

PLOT DATE: 5/16/2017 4:09:56 PM WJACKSON



PROP MAIN 1 PROFILES

NOT FOR CONSTRUCTION SERIES RPP-119 OF RPP-138



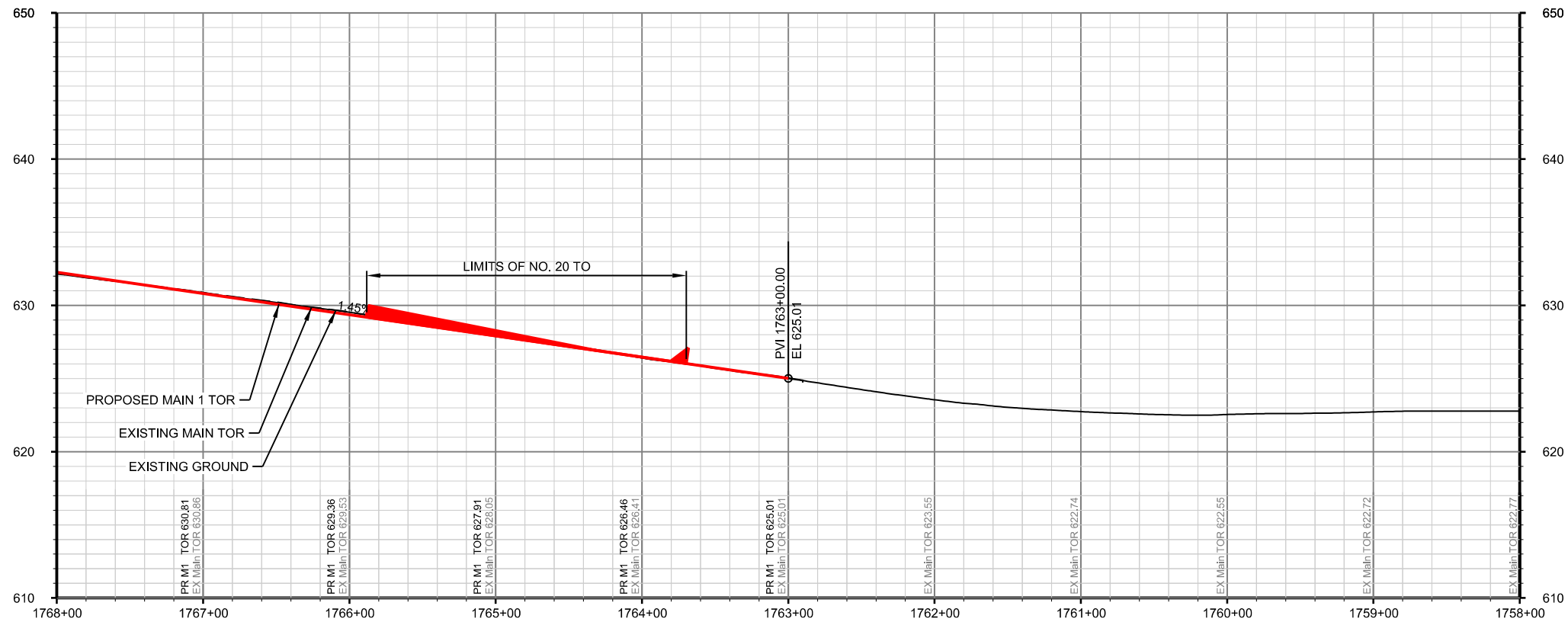
ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NMI	
MAIN 1 PROFILE	
MAIN 1 STA 1768+00 TO 1796+00 MP 33.5 TO 34.0	
FILENAME	NICTD-R-ML01-PP-0
SCALE	AS NOTED
SHEET	128 OF 193

PLOT DATE: 5/16/2017 4:09:59 PM WJACKSON



PROP MAIN 1 PROFILES

NOT FOR CONSTRUCTION SERIES RPP-120 OF RPP-138



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Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

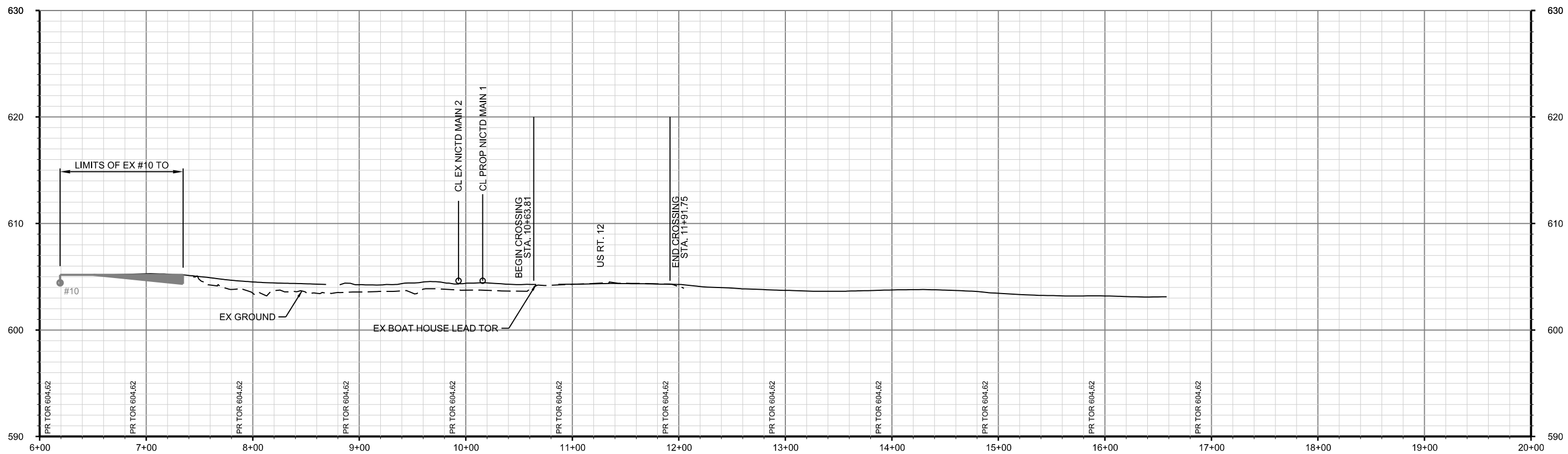
DESIGNED: HDR-PJL
DRAWN: HDR-WJJ
CHECKED: HDR-ZDH
DATE: MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI
MAIN 1 PROFILE
MAIN 1 STA 1758+00 TO 1768+00
MP 33.4 TO 33.5

FILENAME	NICTD-R-ML01-PP-0	SHEET	129 OF 193
SCALE	AS NOTED		

PLOT DATE: 5/16/2017 4:10:01 PM WJACKSON

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



PROP BOAT HOUSE LEAD PROFILE

NOT FOR CONSTRUCTION SERIES RPP-121 OF RPP-138

PLOT DATE: 5/16/2017 4:10:03 PM WJACKSON

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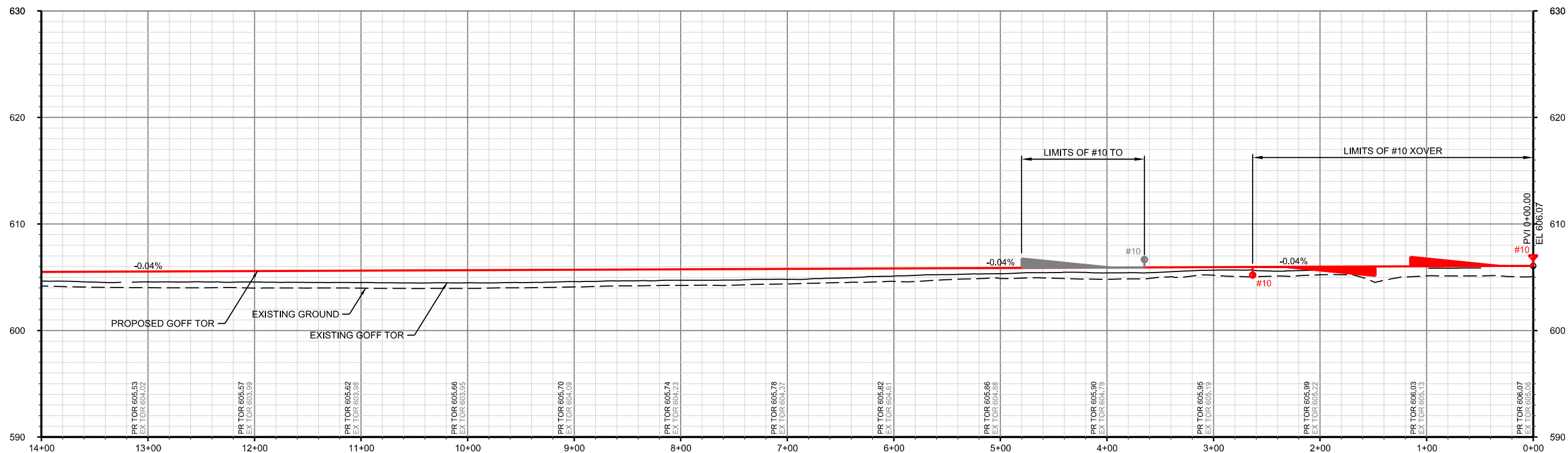
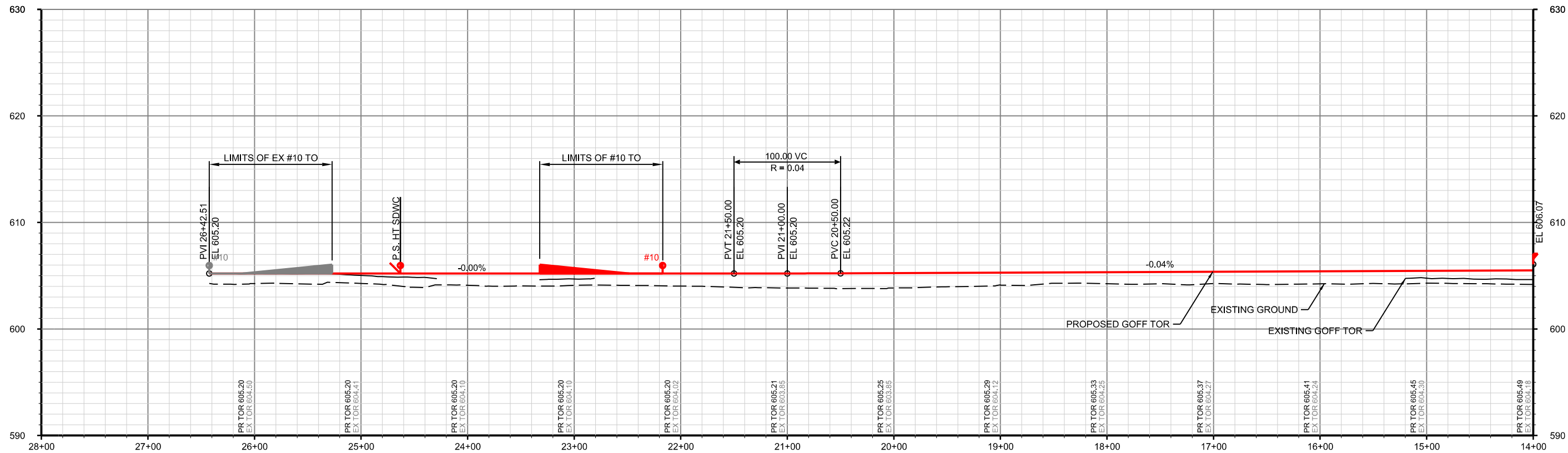
DOUBLE TRACK
N·W·I
Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	PEI-DJS
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI

BOAT HOUSE LEAD PROFILE
STA 6+00 TO 20+00
MP 57.5 TO 57.6

FILENAME	NICTD-R-ML01-PP-0	SHEET	130 OF 193
SCALE	AS NOTED		

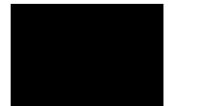


PROP GOFF SIDING PROFILE

NOT FOR CONSTRUCTION SERIES RPP-122 OF RPP-138



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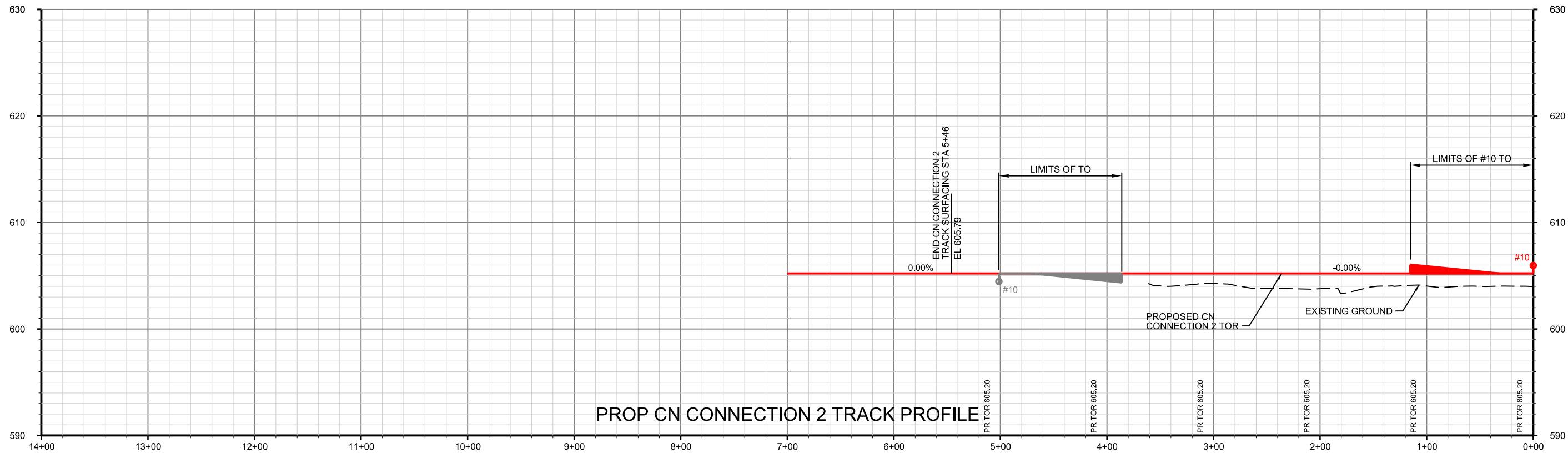


Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

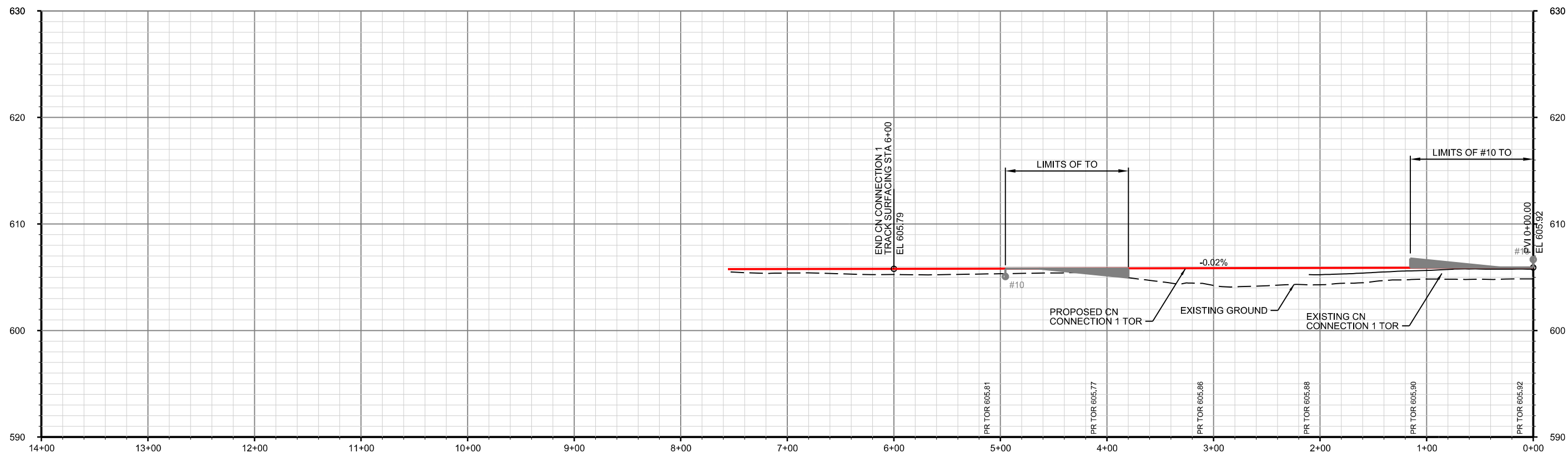
DESIGNED:	PEI-DJS
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	131 OF 193
SCALE	AS NOTED		

PLOT DATE: 5/16/2017 4:10:05 PM WJACKSON



PROP CN CONNECTION 2 TRACK PROFILE



PROP CN CONNECTION 1 TRACK PROFILE

NOT FOR CONSTRUCTION SERIES RPP-123 OF RPP-138

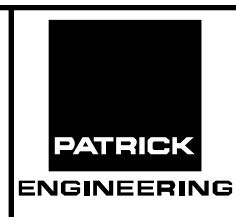
NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
 DOUBLE TRACK-NWI
PROP CN CONNECTION TRACKS
 STA 0+00 TO 14+00
 MP 57.0 TO 57.2, 56.7 TO 56.8

FILENAME NICTD-R-ML01-PP-0 SHEET 132 OF 193
 SCALE AS NOTED

DESIGNED: PEH-DJS
 DRAWN: PEI-ALH
 CHECKED: PEI-SPH
 DATE: MAY 12, 2017



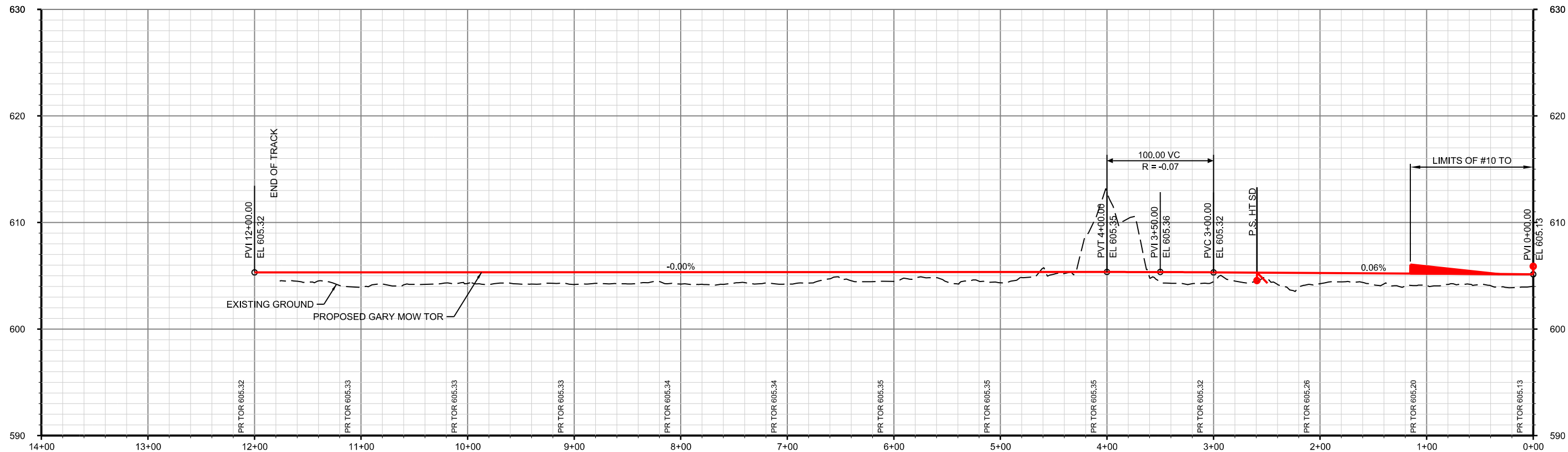
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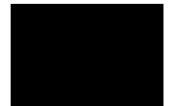


PROP NICTD MOW PROFILE

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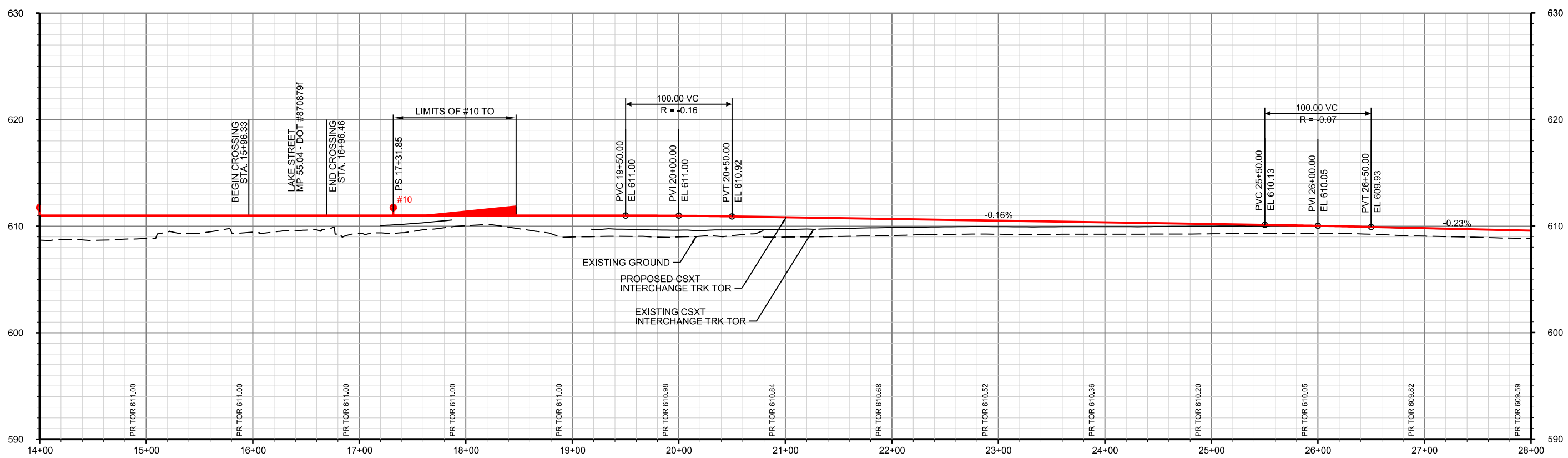
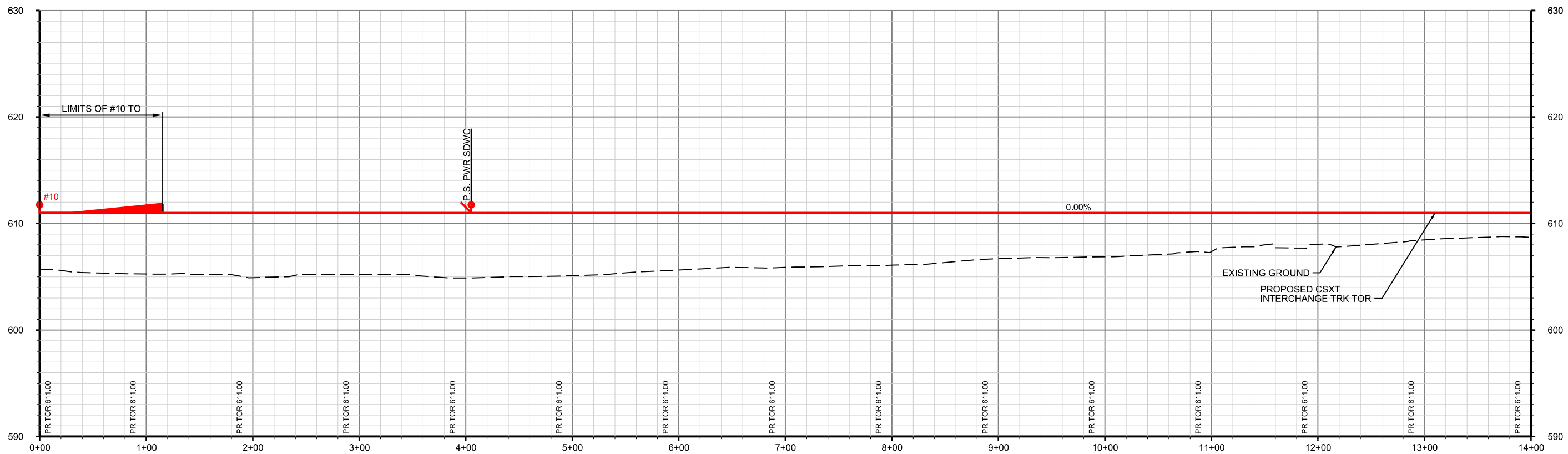


MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	PEI-DJS
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		FILENAME	NICTD-R-ML01-PP-0	SHEET	133 OF 193
PROP NICTD MOW TRACK STA 0+00 TO 14+00 MP 56.9 TO 57.2		SCALE	AS NOTED		

PLOT DATE: 5/16/2017 4:10:08 PM WJACKSON



CSX CONNECTION PROFILE

NOT FOR CONSTRUCTION SERIES RPP-125 OF RPP-138

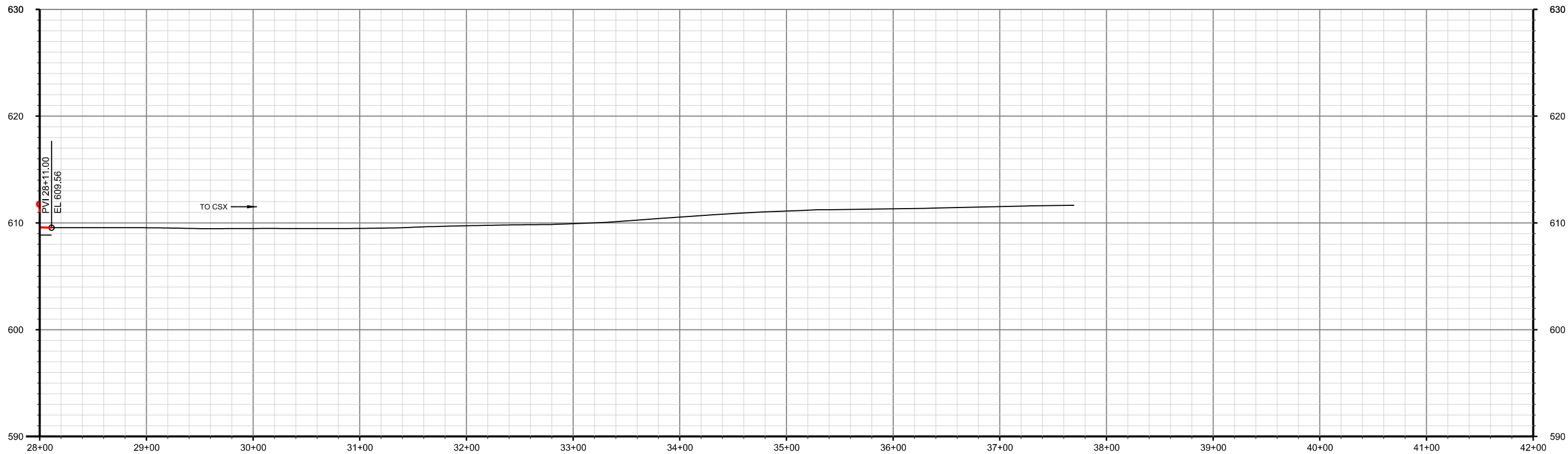


DESIGNED:	PEI-DJS
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI	
CSX CONNECTION TRACK PROFILE	
STA 0+00 TO 28+00 MP 54.9 TO 55.4	
FILENAME	NICTD-R-ML01-PP-0
SCALE	AS NOTED
SHEET	134 OF 193

PLOT DATE: 5/16/2017 4:10:11 PM WJACKSON

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CSX CONNECTION TRACK PROFILE

NOT FOR CONSTRUCTION SERIES RPP-126 OF RPP-138



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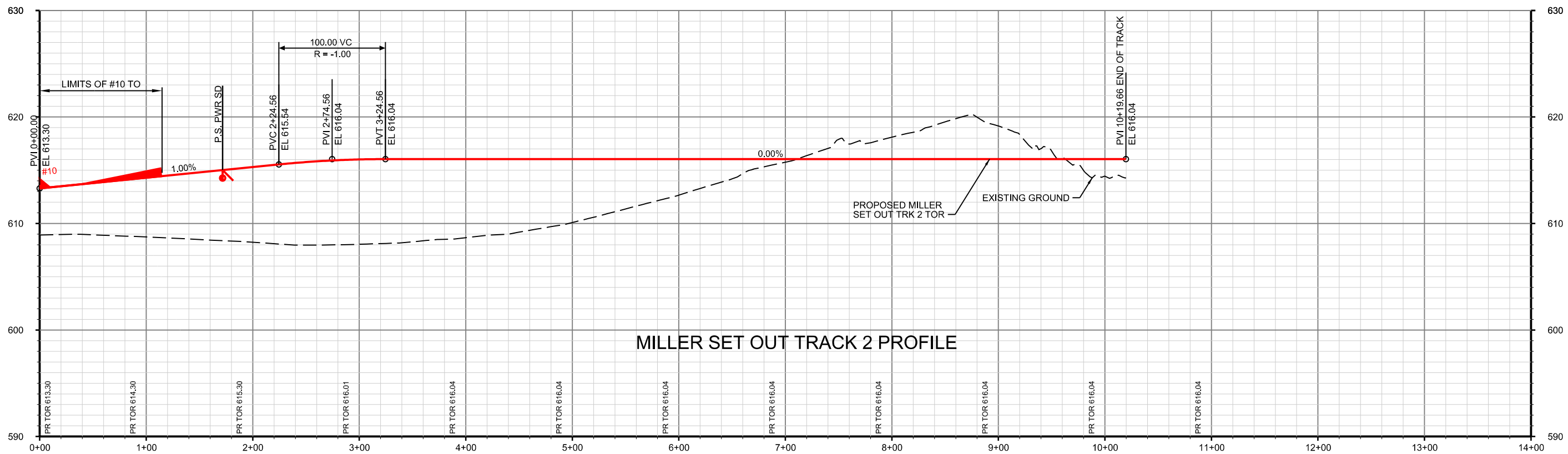


MICHIGAN CITY TO GARY, INDIANA

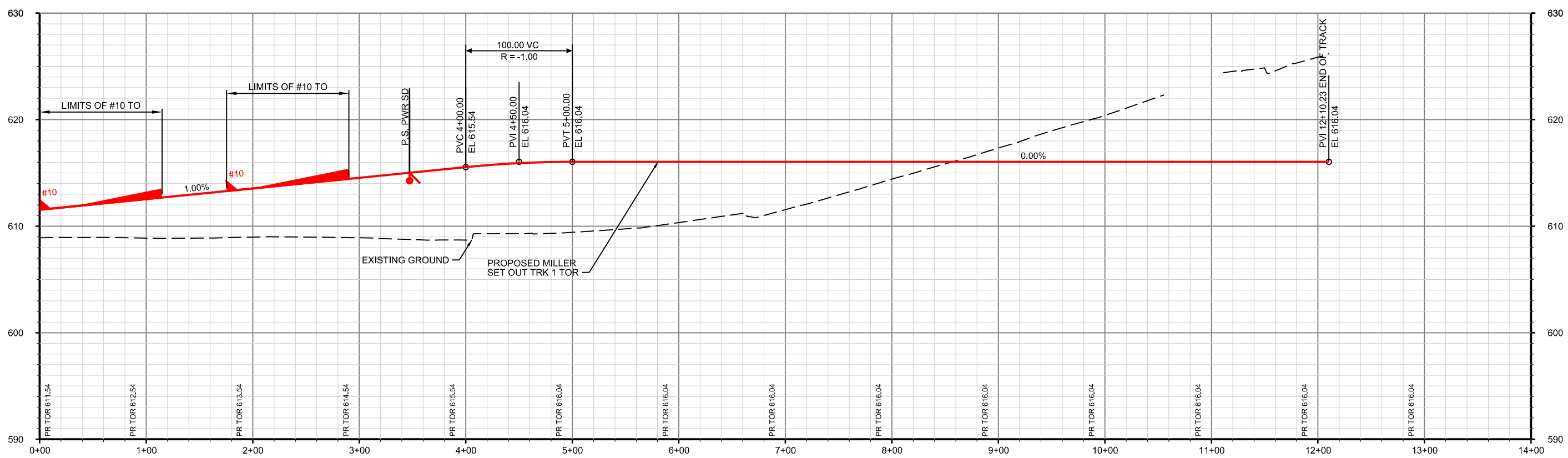
DESIGNED:	PEI-DJS
DRAWN:	PEI-ALH
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		FILENAME	NICTD-R-ML01-PP-0	SHEET	136 OF 193
CSX CONNECTION TRACK PROFILE STA 28+00 TO 42+00 MP 54.8 TO 54.9		SCALE	AS NOTED		

PLOT DATE: 5/16/2017 4:10:13 PM WJACKSON



MILLER SET OUT TRACK 2 PROFILE



MILLER SET OUT TRACK 1 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-127 OF RPP-138

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI
MILLER SET OUT TRACKS PROFILES
STA 0+00 TO 14+00
MP 54.8 TO 55.0

FILENAME	NICTD-R-ML01-PP-0	SHEET
SCALE	AS NOTED	136 OF 193

DESIGNED: PEI-DJS
DRAWN: PEI-ALH
CHECKED: PEI-SPH
DATE: MAY 12, 2017



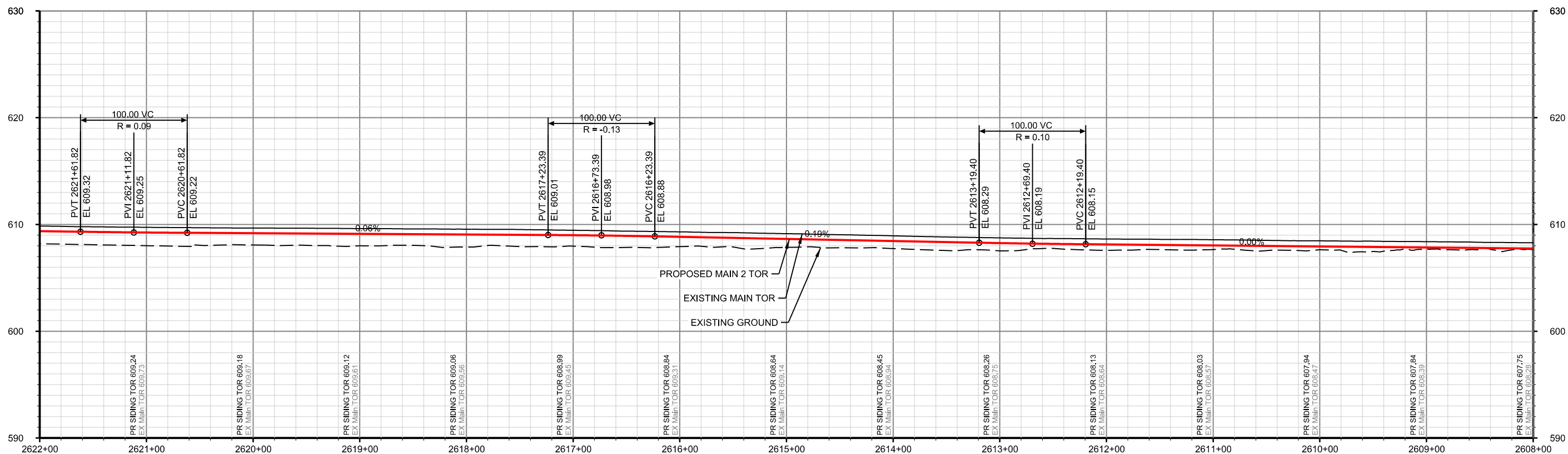
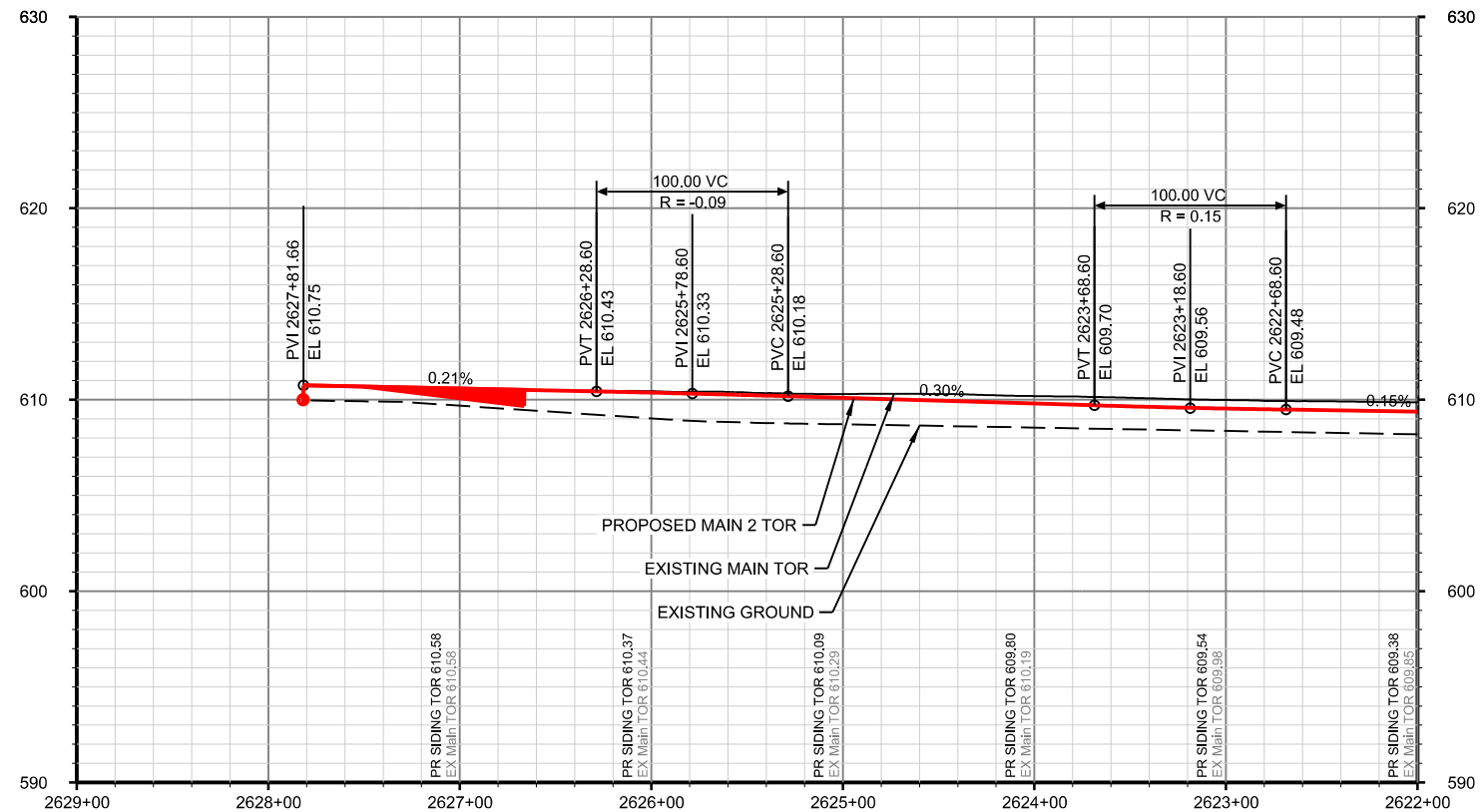
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WILSON SIDING PROFILE

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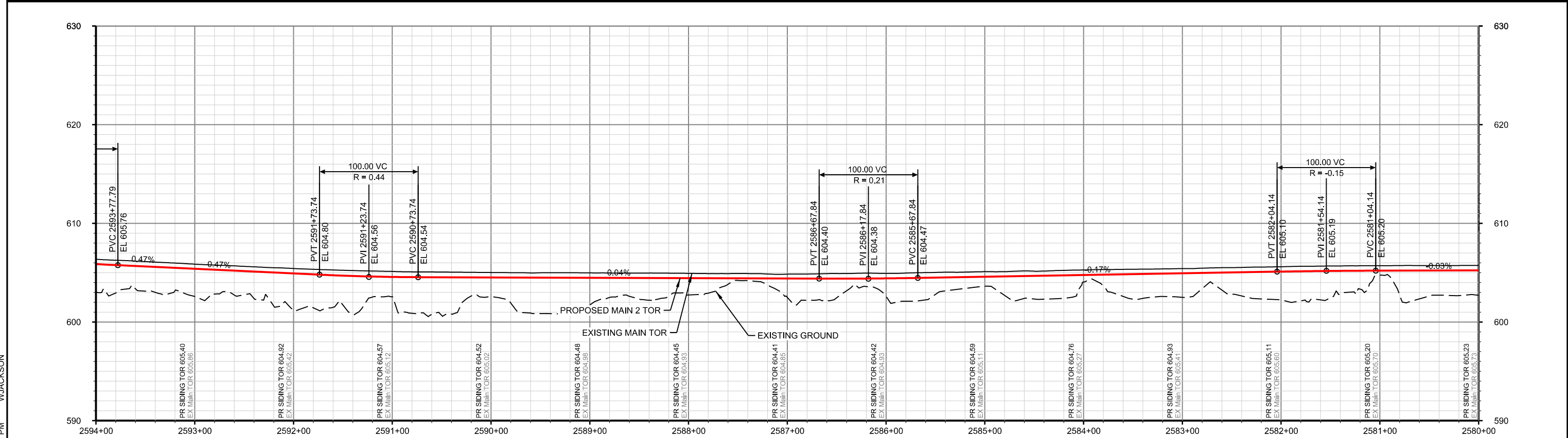
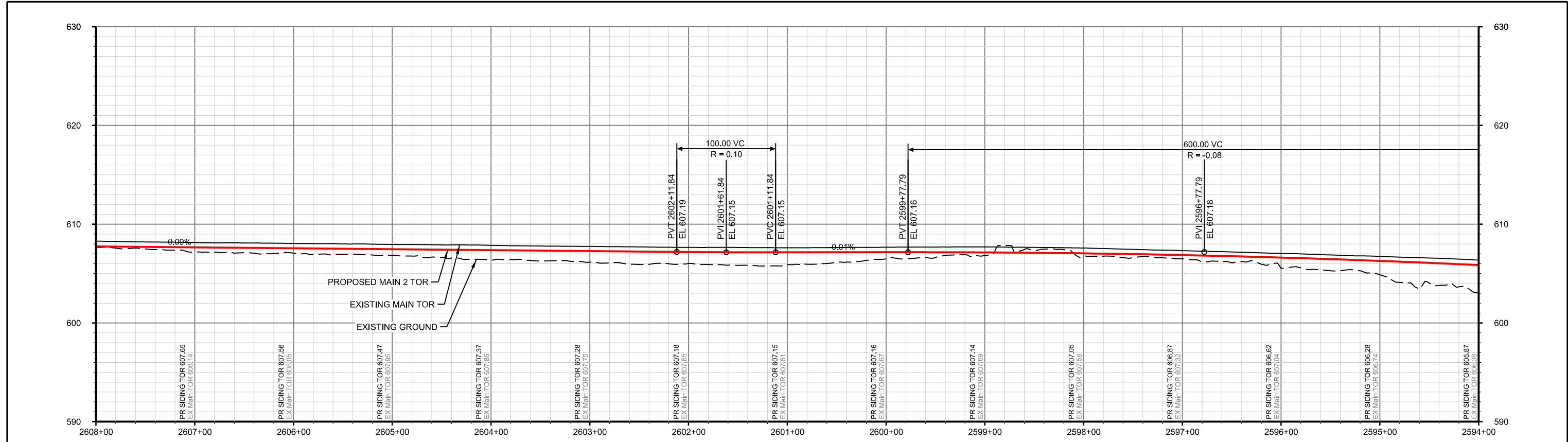
Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

DESIGNED: HDR-PJL
DRAWN: HDR-WJJ
CHECKED: HDR-ZDH
DATE: MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	137 OF 193
SCALE	AS NOTED		

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

PLOT DATE: 5/16/2017 4:10:18 PM WJACKSON



WILSON SIDING PROFILE

NOT FOR CONSTRUCTION SERIES RPP-129 OF RPP-138

PLOT DATE: 5/16/2017 4:10:21 PM WJACKSON



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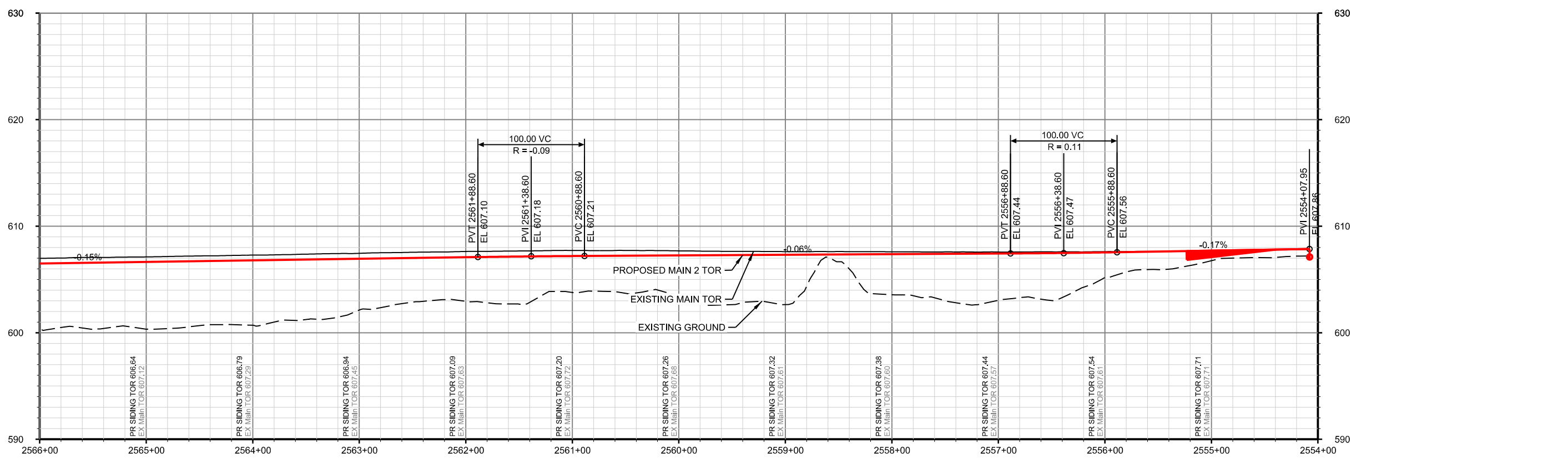
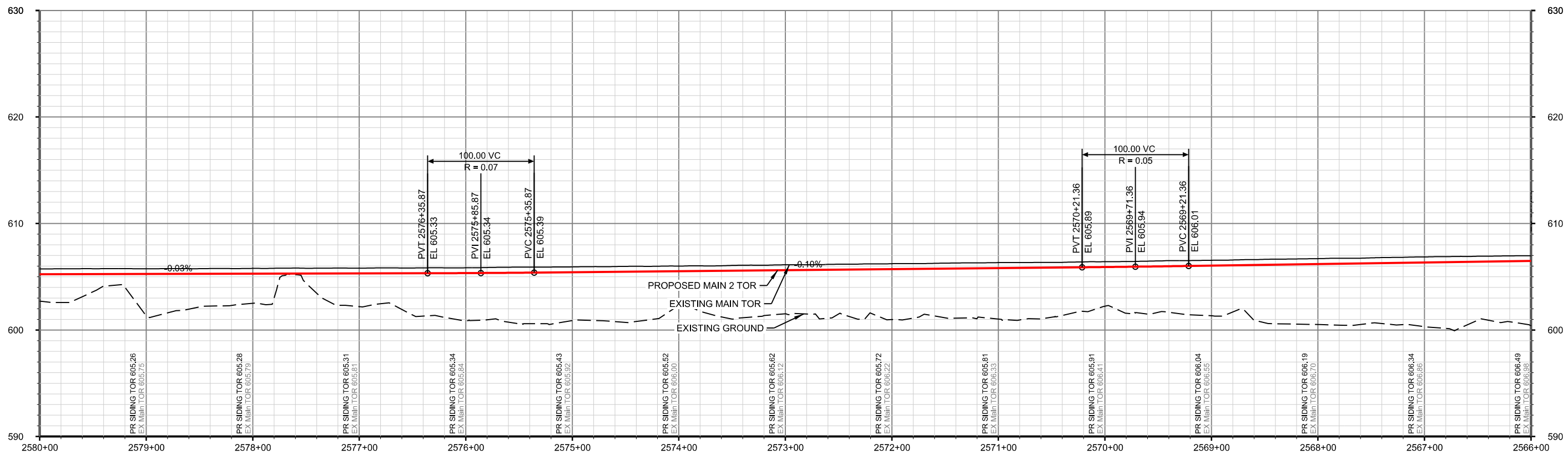


Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	138 OF 193
SCALE	AS NOTED		

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI
WILSON SIDING PROFILE
STA 2580+00 TO 2608+00
MP 48.9 TO 49.4



WILSON SIDING PROFILE

NOT FOR CONSTRUCTION SERIES RPP-130 OF RPP-138



ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



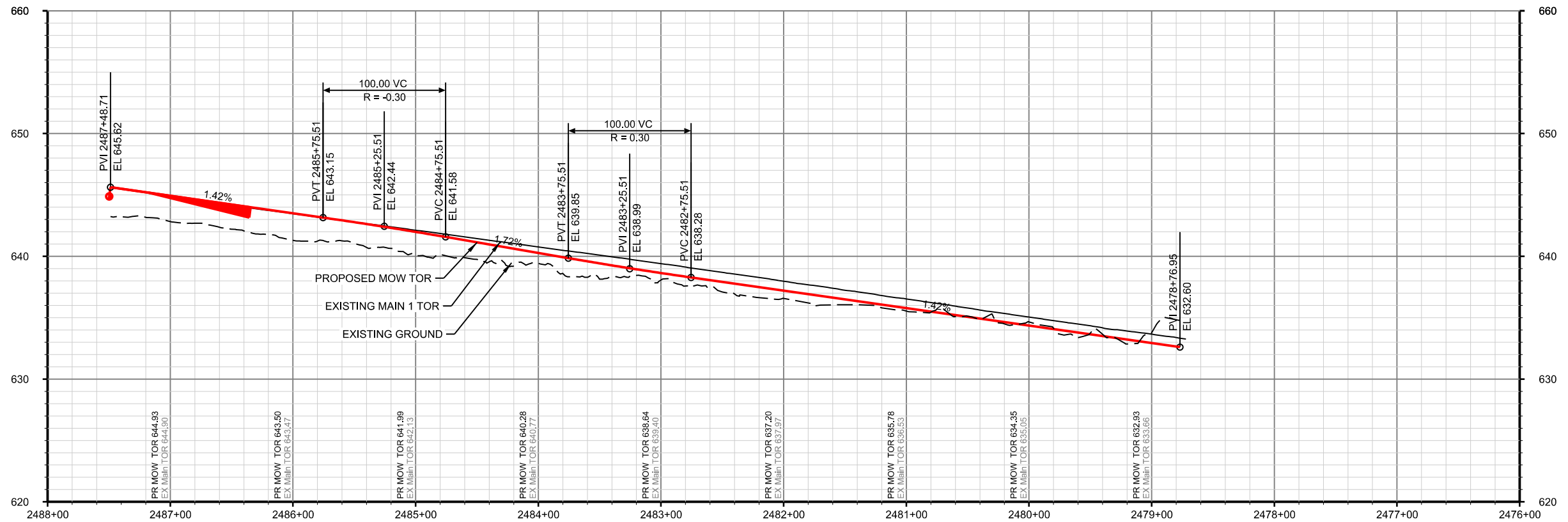
DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	139 OF 193
SCALE	AS NOTED		

PLOT DATE: 5/16/2017 4:10:24 PM WJACKSON

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NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI
WILSON SIDING PROFILE
STA 2554+00 TO 2580+00
MP 48.4 TO 48.9



PROPOSED MOW PROFILE

NOT FOR CONSTRUCTION SERIES RPP-131 OF RPP-138



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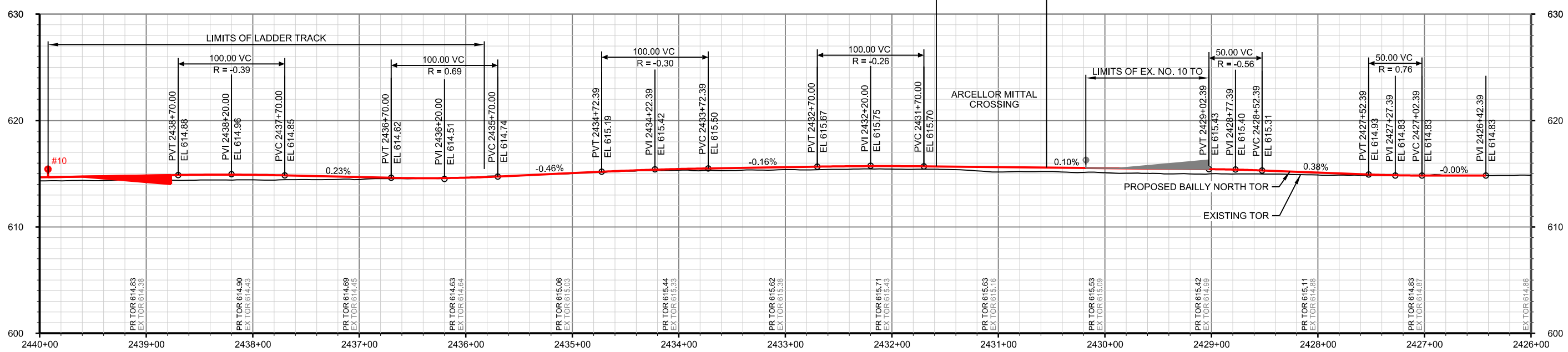
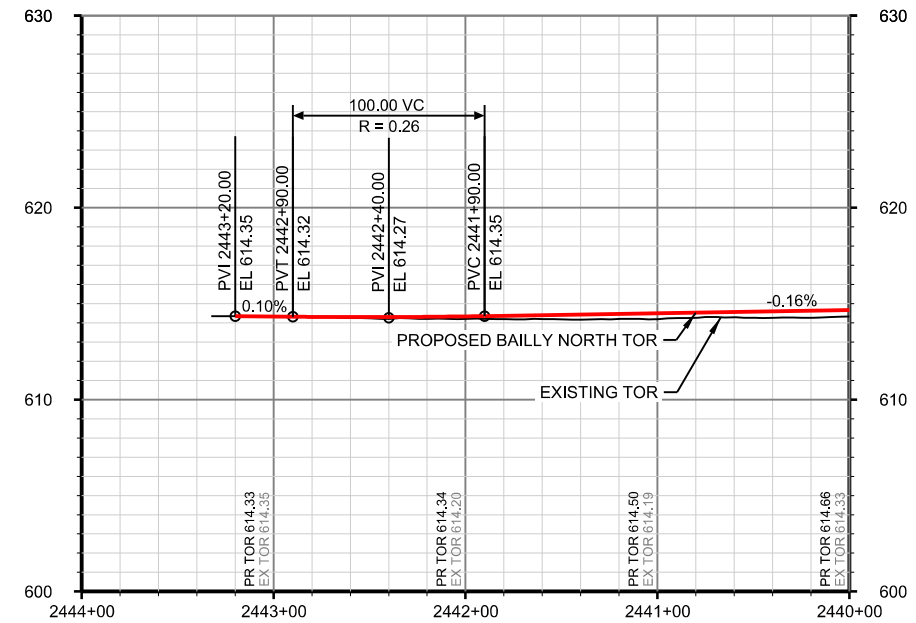
Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

DESIGNED: HDR-PJL
DRAWN: HDR-WJJ
CHECKED: HDR-ZDH
DATE: MAY 12, 2017

FILENAME	NICTD-R-ML01-PP-0	SHEET	140 OF 193
SCALE	AS NOTED		

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PROP BAILLY NORTH PROFILE

NOT FOR CONSTRUCTION SERIES RPP-132 OF RPP-138

DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI	
PROP BAILLY NORTH PROFILE	
STA 2426+00 TO 2444+00	
MP 46.0 TO 46.3	
FILENAME	NICTD-R-ML01-PP-0
SCALE	AS NOTED
SHEET	141 OF 193

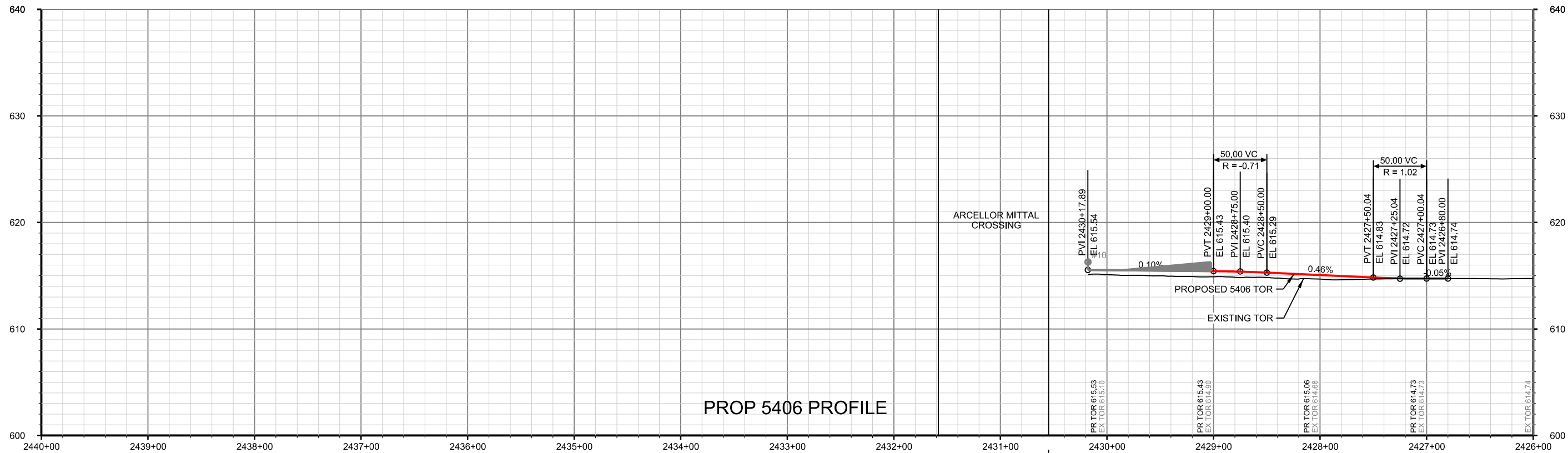


ISSUE	DATE	DESCRIPTION
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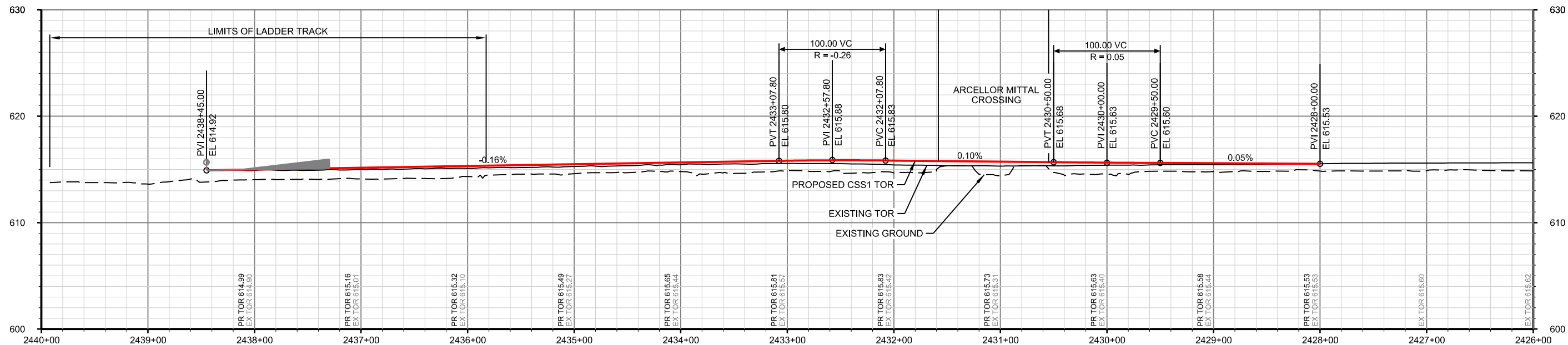


PLOT DATE: 5/16/2017 4:10:28 PM WJACKSON

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PROP 5406 PROFILE



EX MAIN/CSS TRK 1 PROFILE

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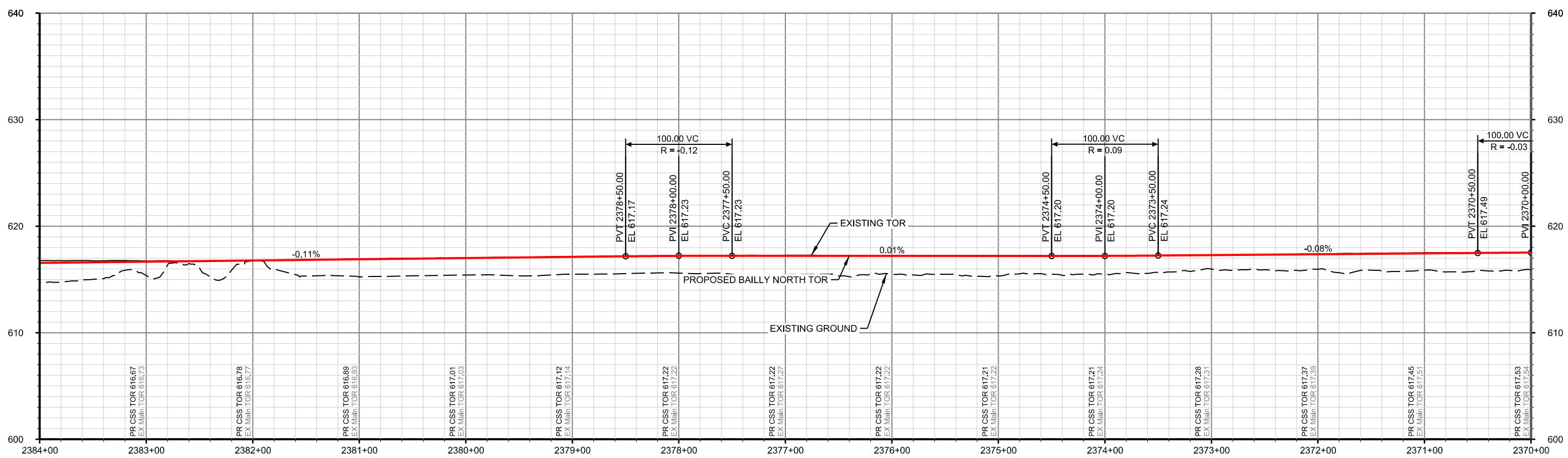
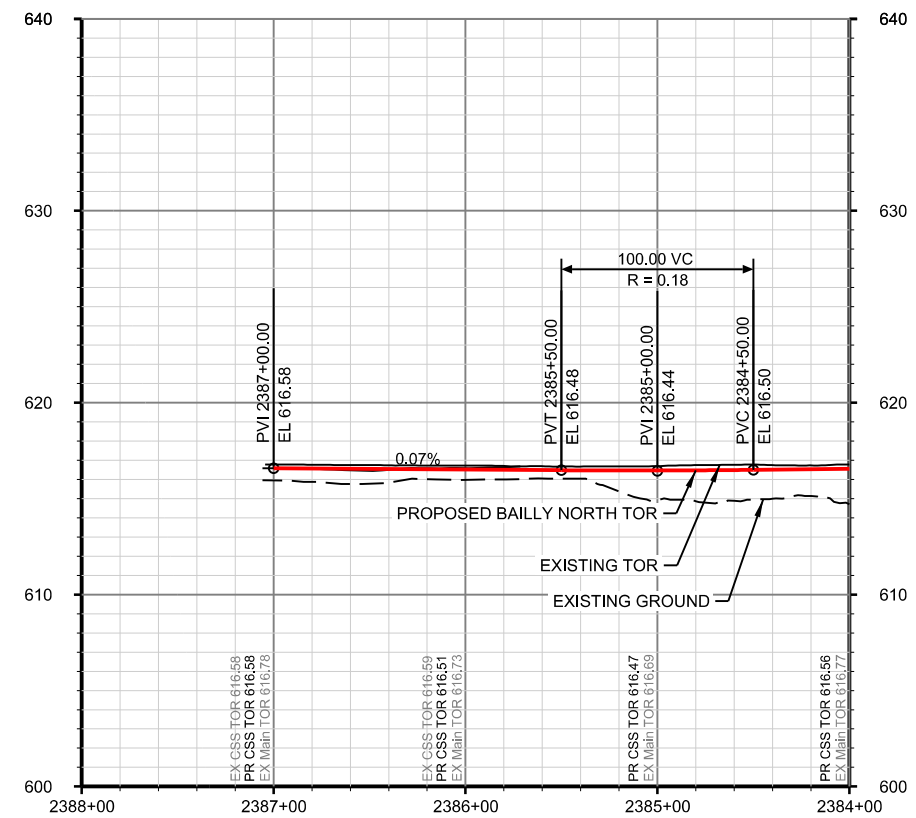
Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI	
PROP 5406, CSS TRK1 PROFILE	
STA 2426+00 TO 2440+00	
MP 46.0 TO 46.2	
FILENAME	NICTD-R-ML01-PP-0
SCALE	AS NOTED
SHEET	142 OF 193

PLOT DATE: 5/16/2017 4:10:31 PM WJACKSON

ISSUE	DATE	DESCRIPTION
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BAILLY NORTH PROFILES

NOT FOR CONSTRUCTION SERIES RPP-134 OF RPP-138

DESIGNED: HDR-PJL
 DRAWN: HDR-WJJ
 CHECKED: HDR-ZDH
 DATE: MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
 DOUBLE TRACK-NWI
PROP BAILLY NORTH
 STA 2370+00 TO 2388+00
 MP 44.9 TO 45.2

FILENAME: NICTD-R-ML01-PP-0 SHEET: 143 OF 193
 SCALE: AS NOTED



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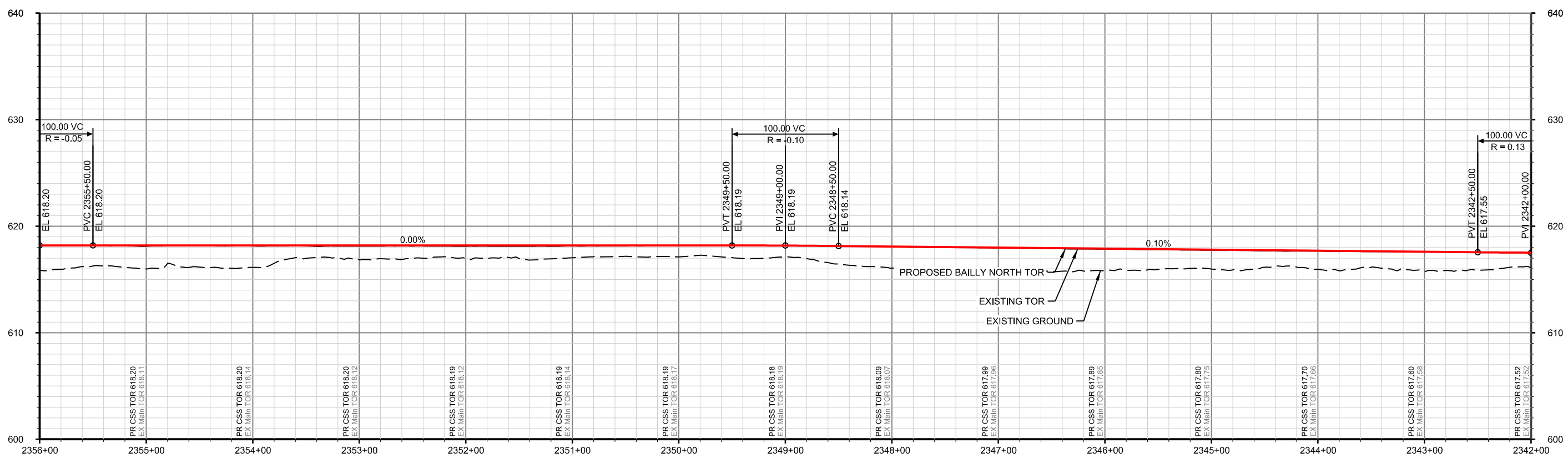
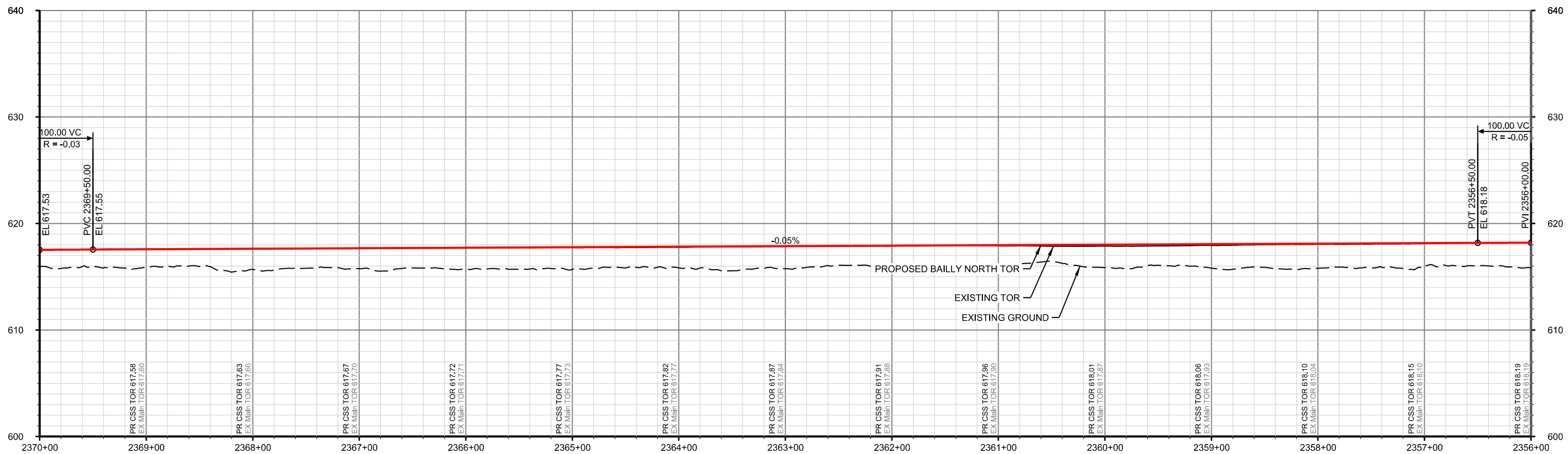
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Connectivity for Accelerated Growth
 MICHIGAN CITY TO GARY, INDIANA

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

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PROP BAILY NORTH PROFILE

NOT FOR CONSTRUCTION SERIES RPP-135 OF RPP-138



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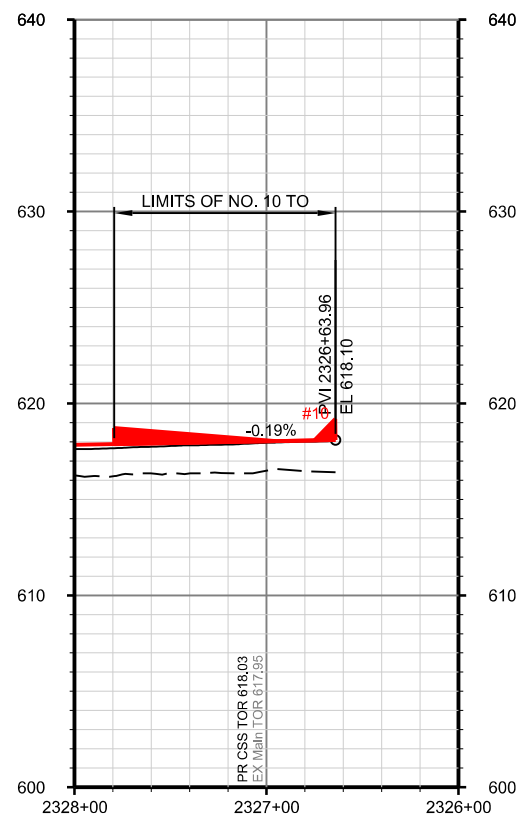
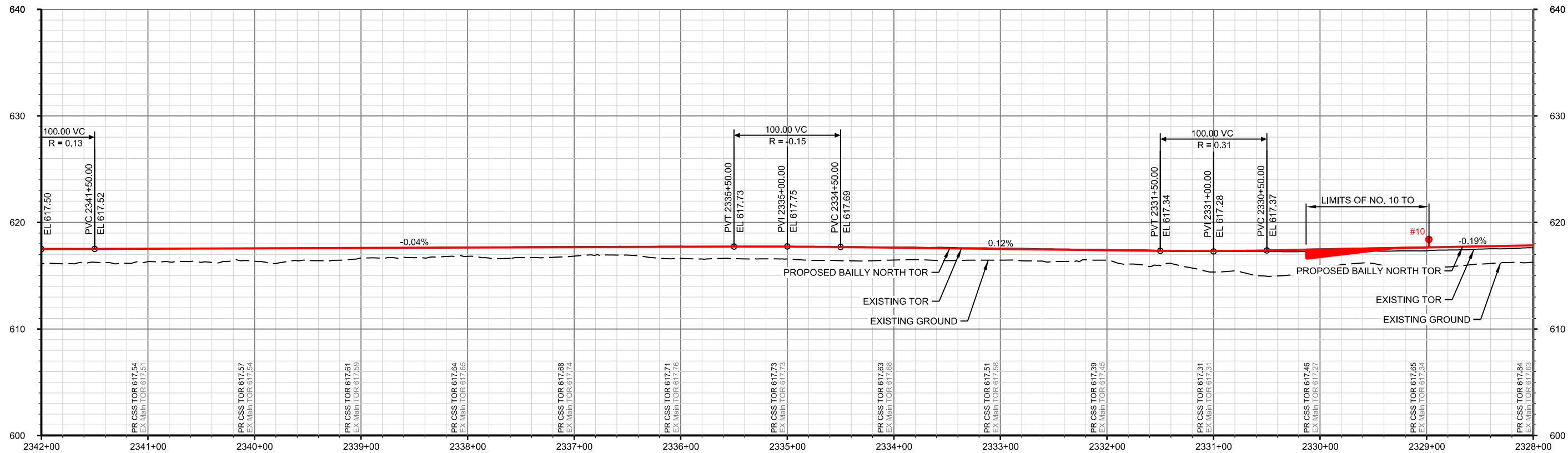
Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

DESIGNED: HDR-PJL
DRAWN: HDR-WJJ
CHECKED: HDR-ZDH
DATE: MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI	
PROP BAILY NORTH 2342+00 TO 2370+00 MP 44.3 TO 45.2	
FILENAME	NICTD-R-ML01-PP-0
SCALE	AS NOTED
SHEET	144 OF 193

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

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PROP BAILLY NORTH PROFILE

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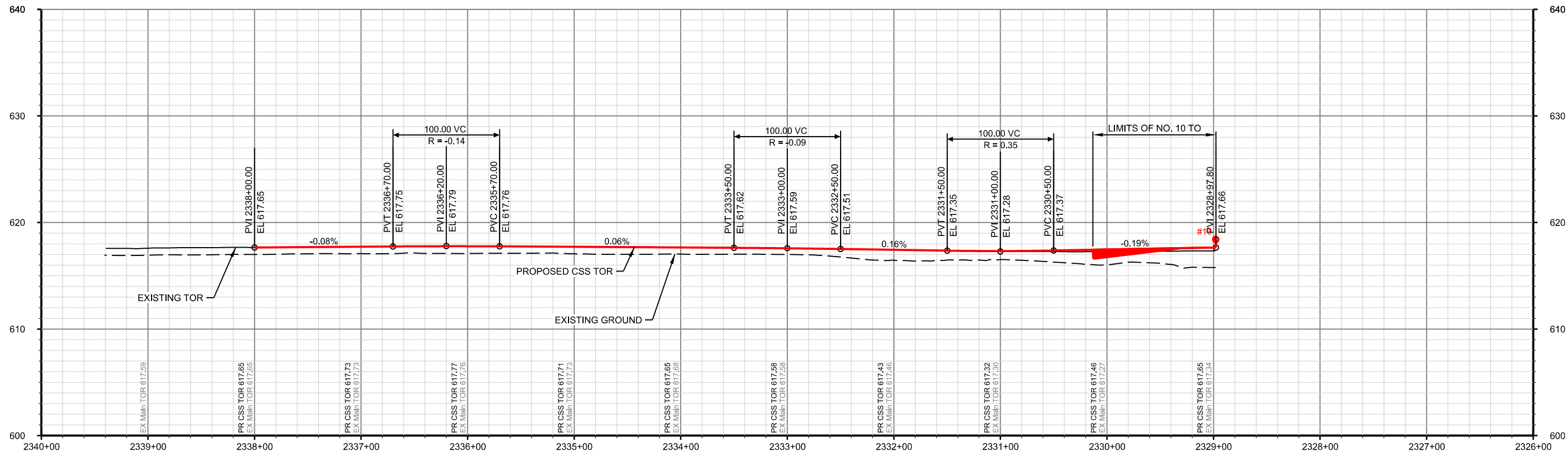
MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI	
PROP BAILLY NORTH PROFILE STA 2326+00 TO 2342+00 MP 44.1 TO 44.3	
FILENAME	NICTD-R-ML01-PP-0
SCALE	AS NOTED
SHEET	145 OF 193

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

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PROP CSS TRK 1 PROFILE

NOT FOR CONSTRUCTION SERIES RPP-137 OF RPP-138



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MICHIGAN CITY TO GARY, INDIANA

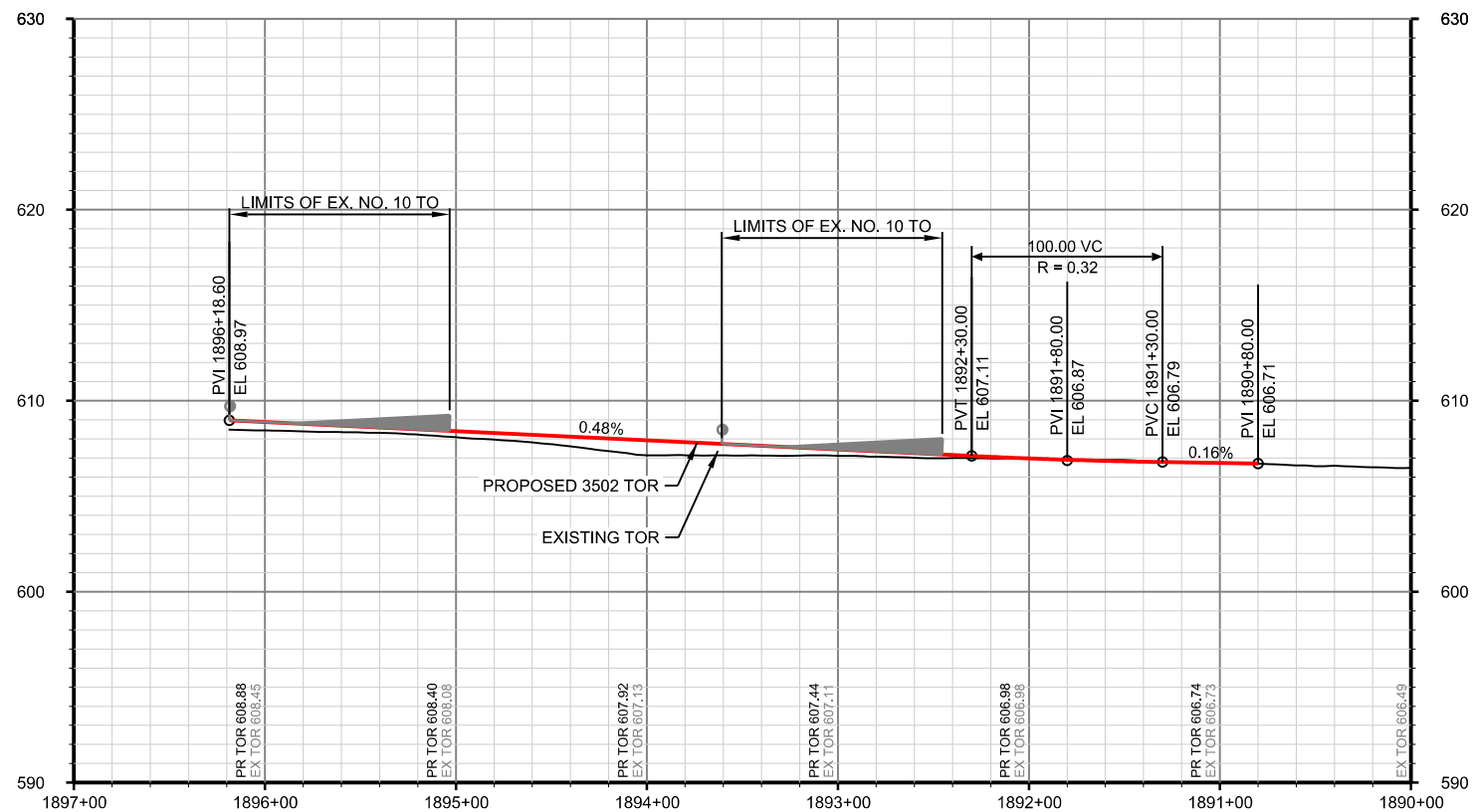
DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI
PROP CSS TRK 1 PROFILE
STA 2326+00 TO 2340+00
MP 44.0 TO 44.3

FILENAME	NICTD-R-ML01-PP-0	SHEET	146 OF 193
SCALE	AS NOTED		

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

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PROP 3502 PROFILE

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33 East Highway 12
Chesterton, Indiana 46304

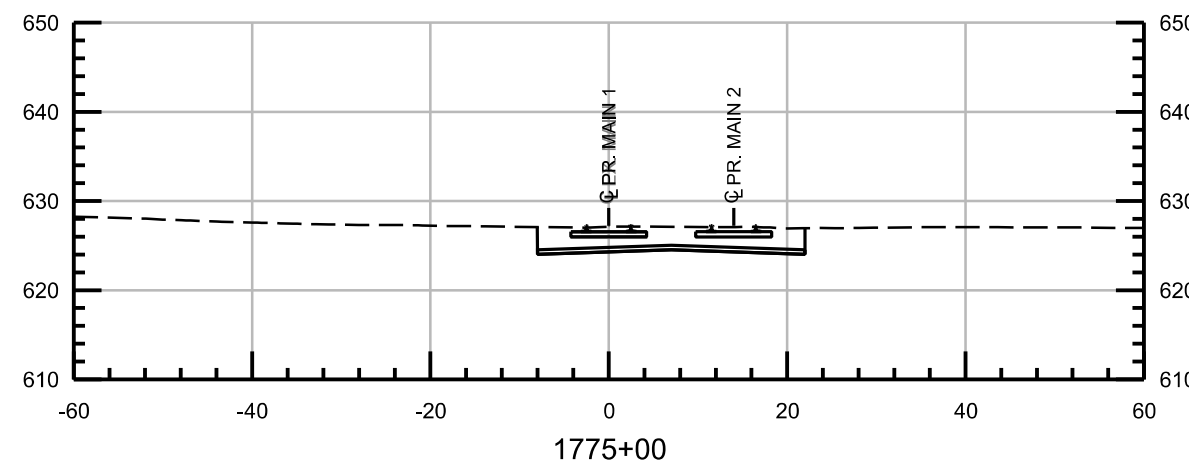
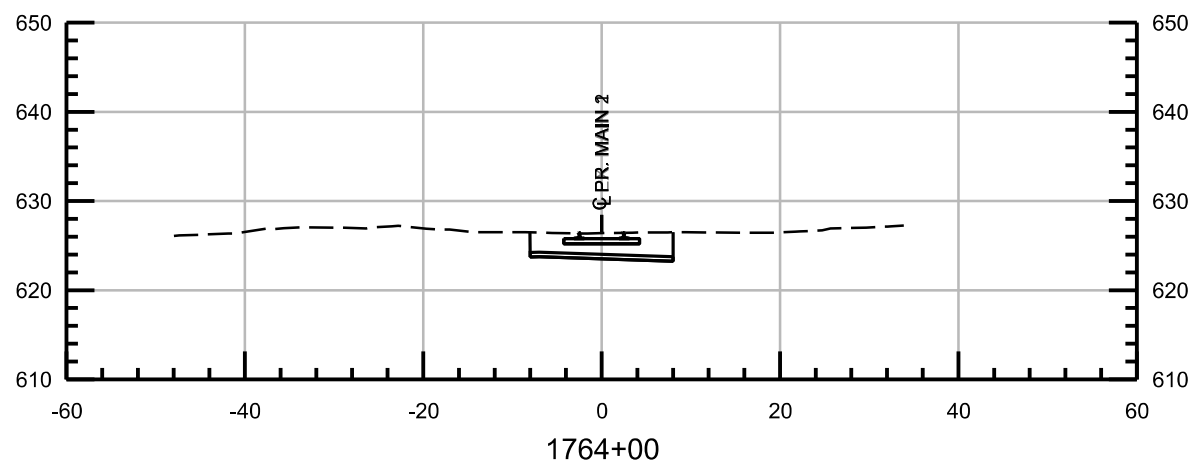
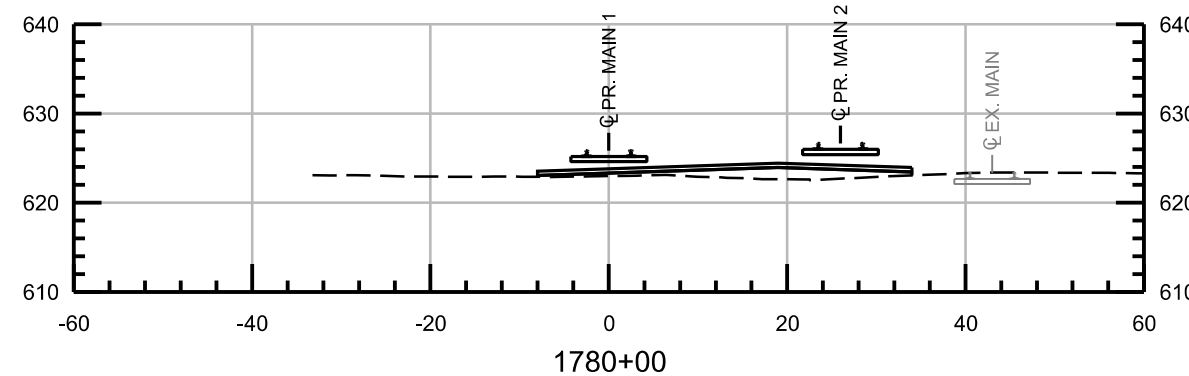
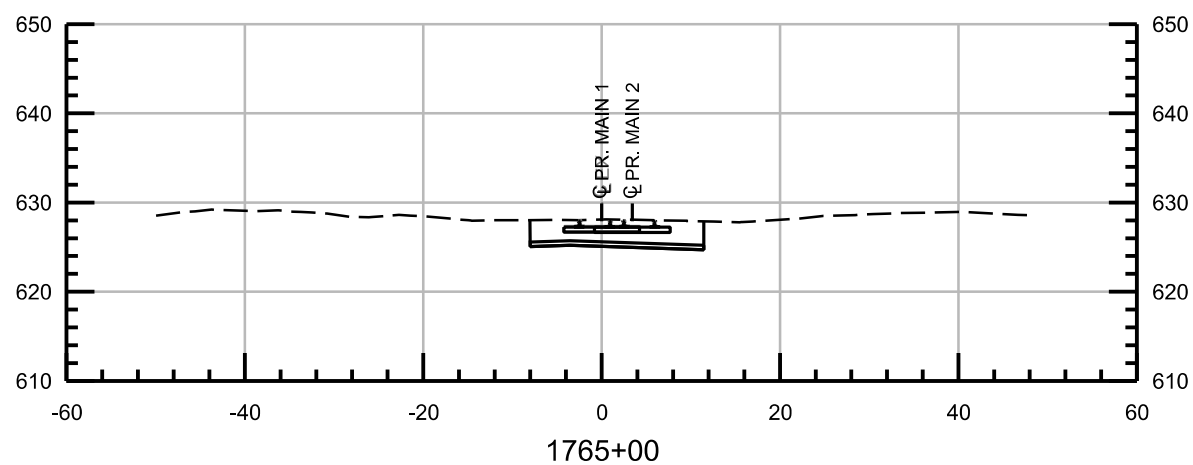
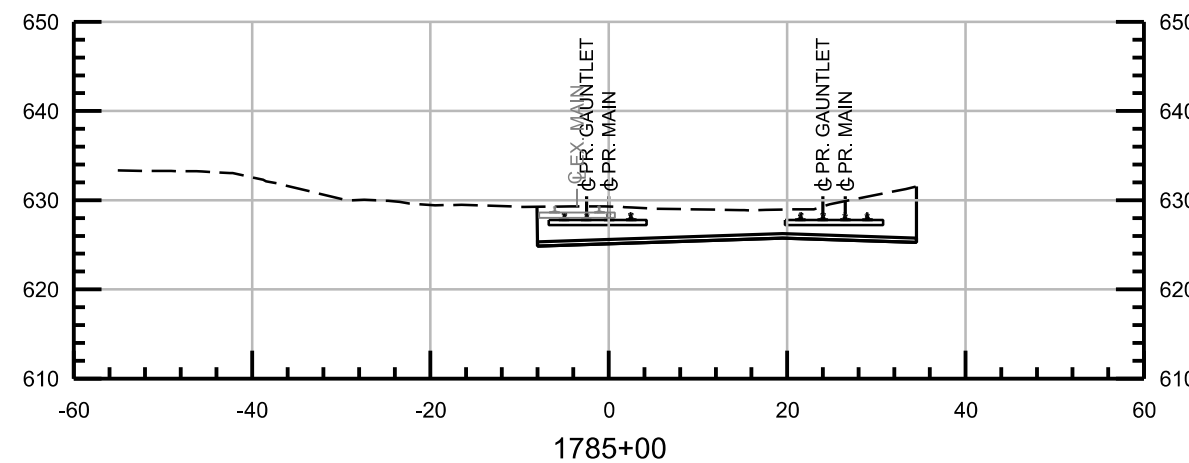
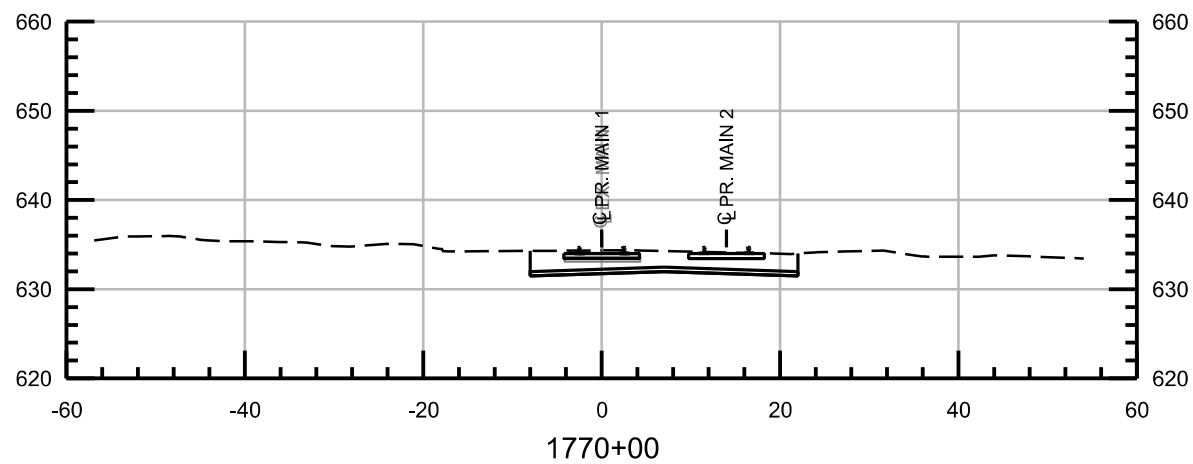


Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET
PROP 3502 PROFILE STA 1890+00 TO 1897+00 MP 35.8 TO 35.9		147 OF 193
FILENAME	NICTD-R-ML01-PP-0	
SCALE	AS NOTED	

PLOT DATE: 5/16/2017 4:10:43 PM WJACKSON



NOT FOR CONSTRUCTION SERIES RXS-001 OF RXS-046



HDR Engineering, Inc.
8550 W Bryn Mawr Ave., Suite 900
Chicago, IL 60631
www.hdrinc.com

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



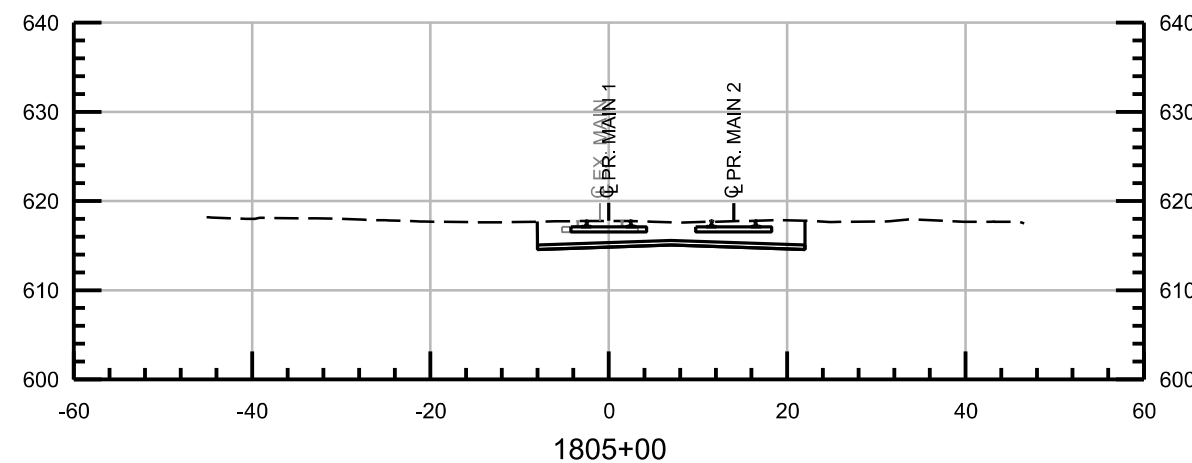
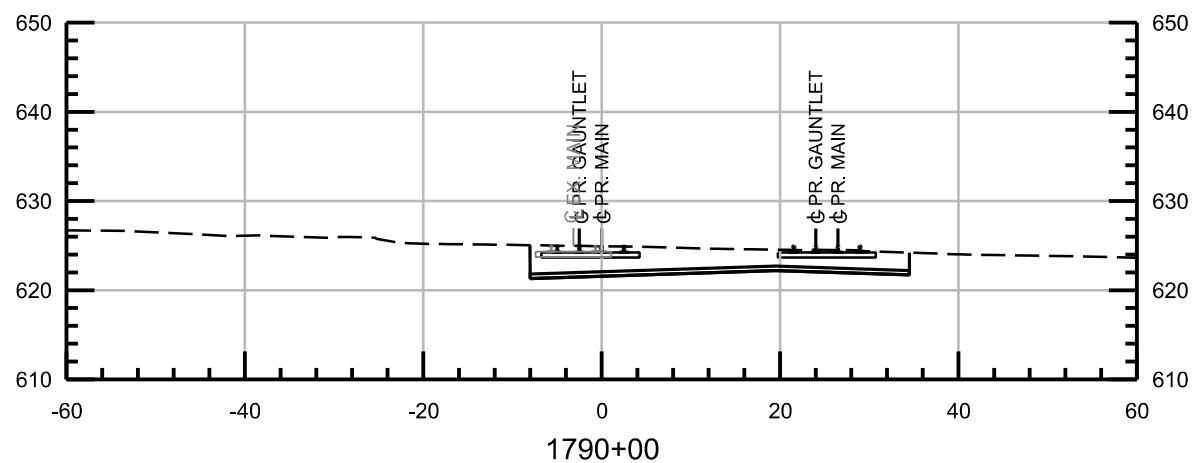
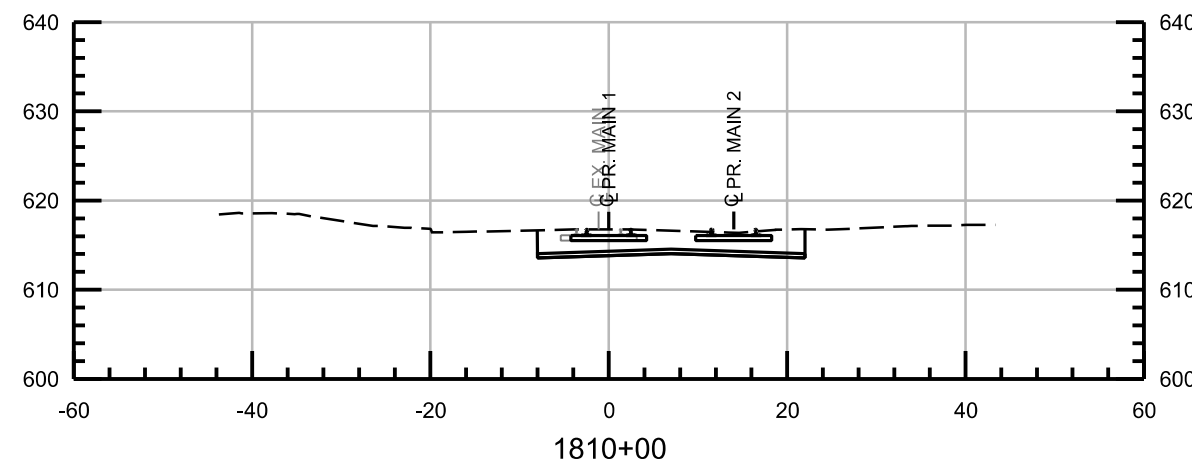
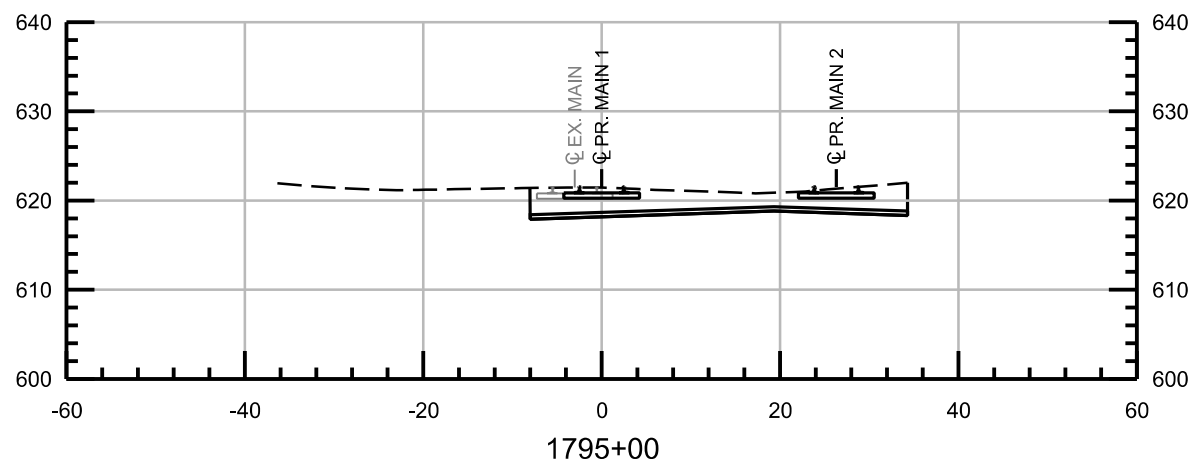
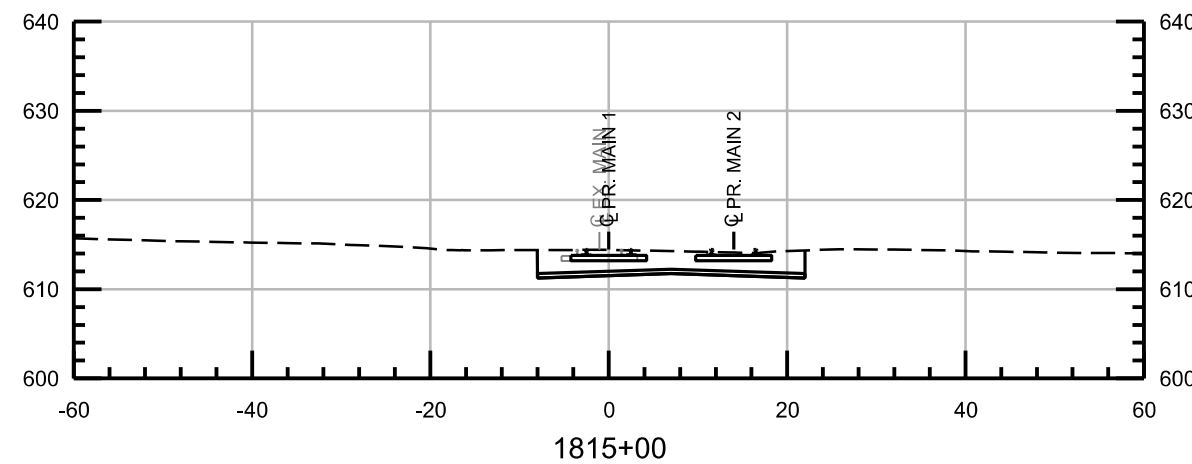
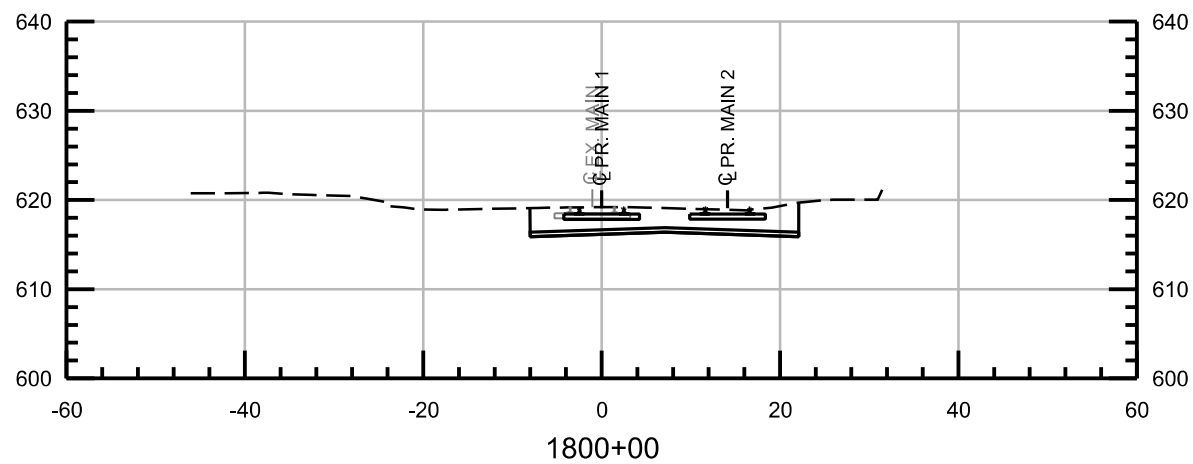
NORTHERN INDIANA COMMUTER
TRANSPORTATION DISTRICT
33 East Highway 12
Chesterton, Indiana 46304



Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET
CROSS SECTIONS STA 1764+00 TO STA 1785+00		148 OF 193
FILENAME	NICTD_R_ML01_XS-0	
SCALE	AS NOTED	



NOT FOR CONSTRUCTION SERIES RXS-002 OF RXS-046

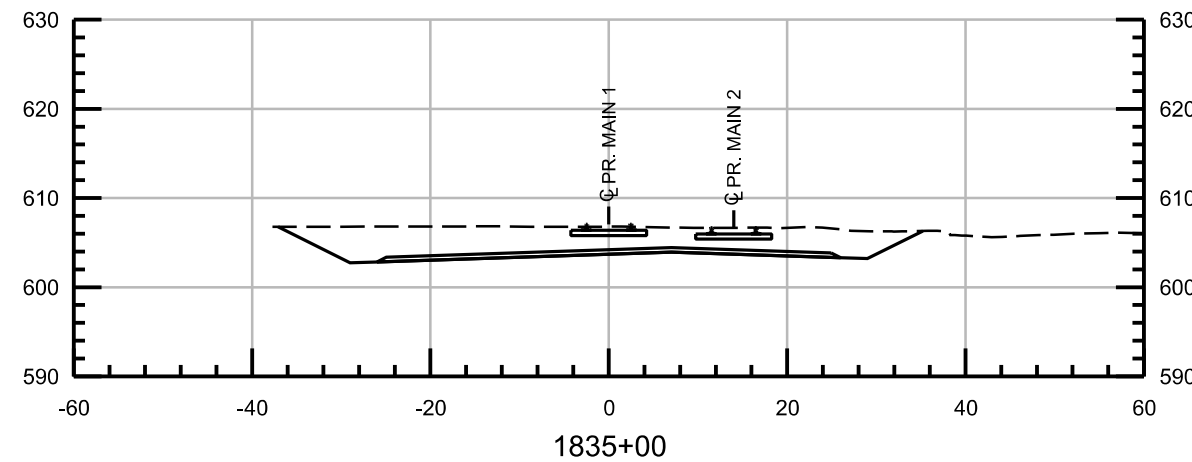
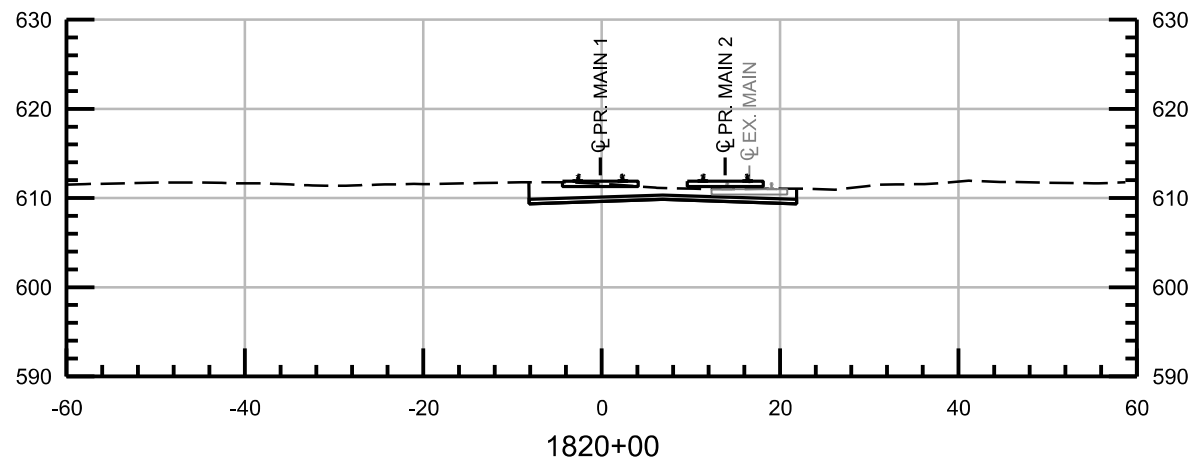
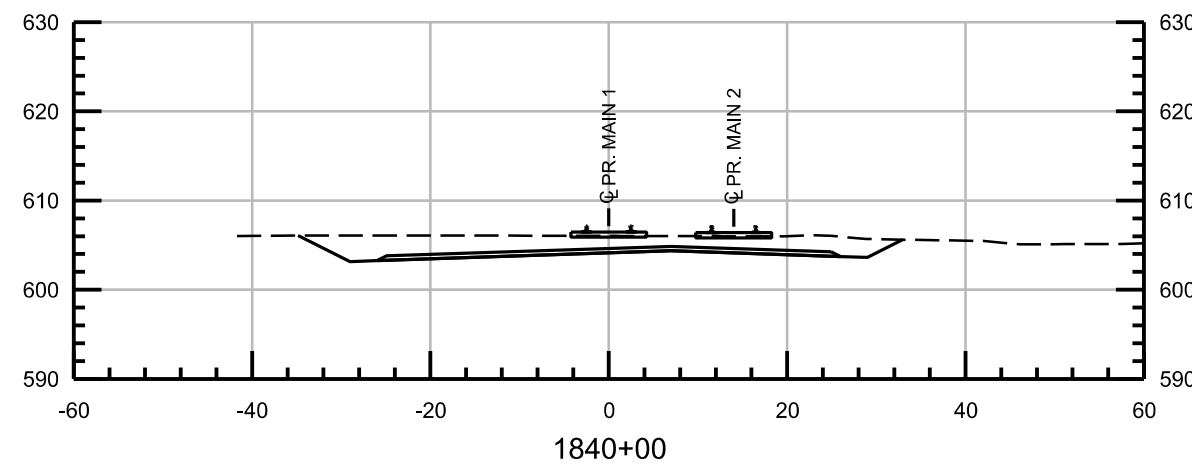
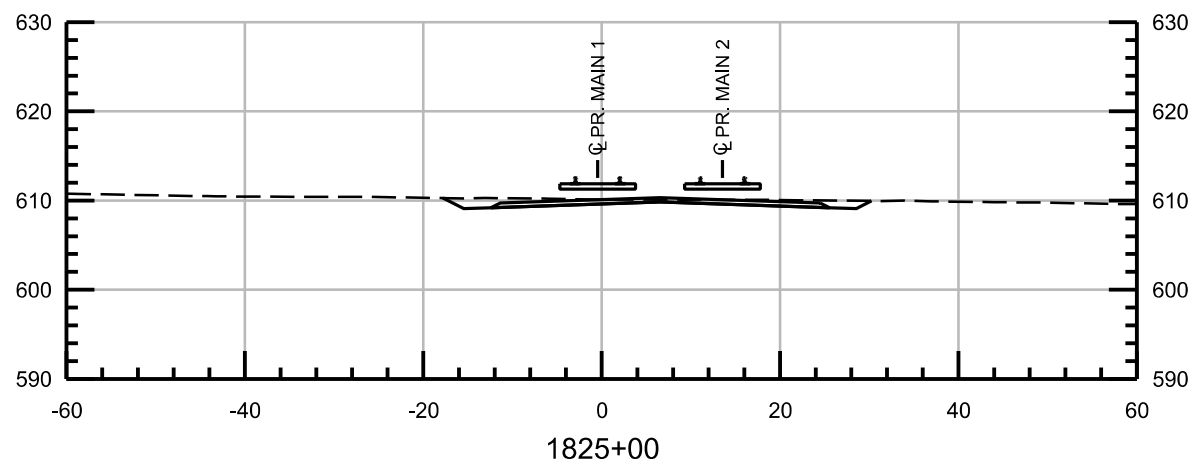
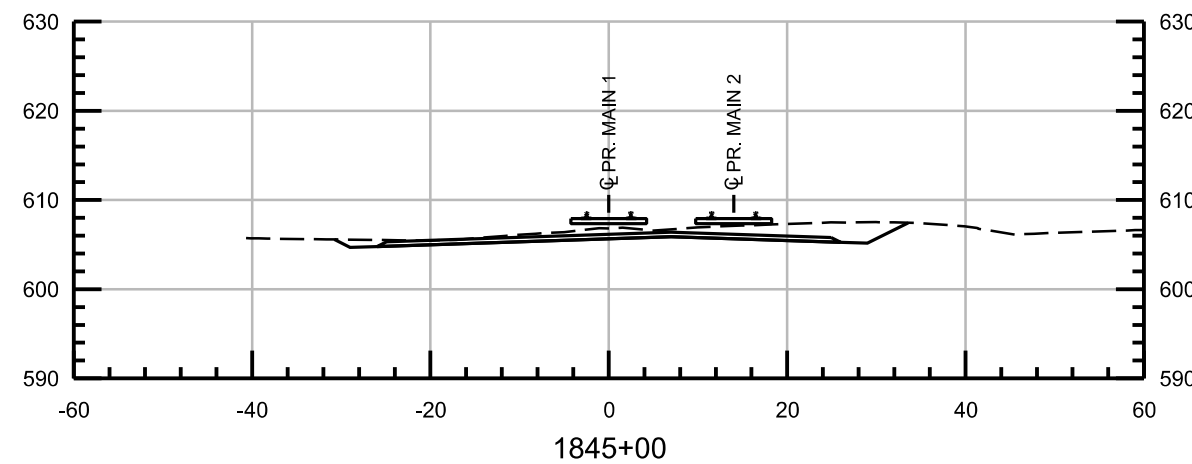
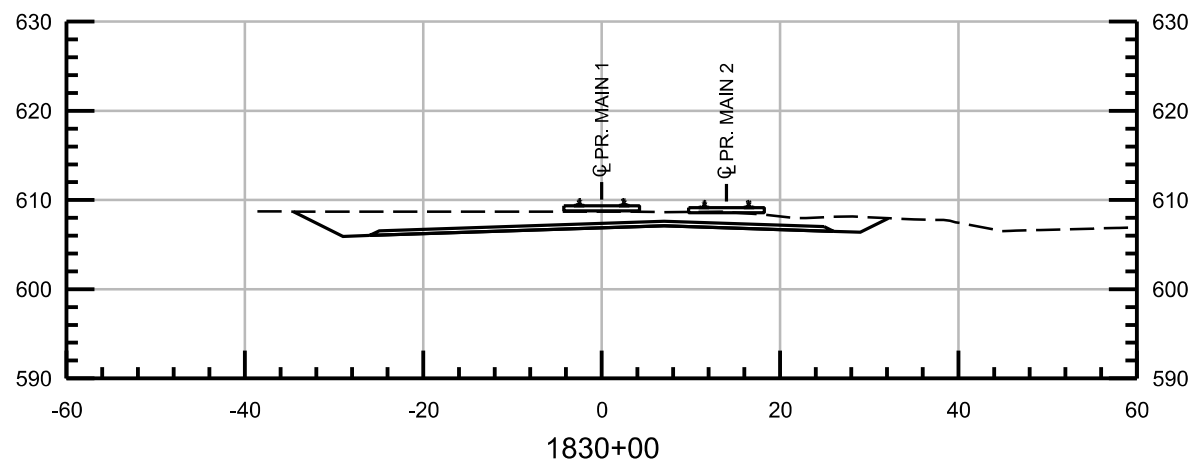


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI	
CROSS SECTIONS STA 1790+00 TO STA 1815+00	
FILENAME	NICTD_R_ML01_XS-0
SCALE	AS NOTED
SHEET	149 OF 193



NOT FOR CONSTRUCTION SERIES RXS-003 OF RXS-046

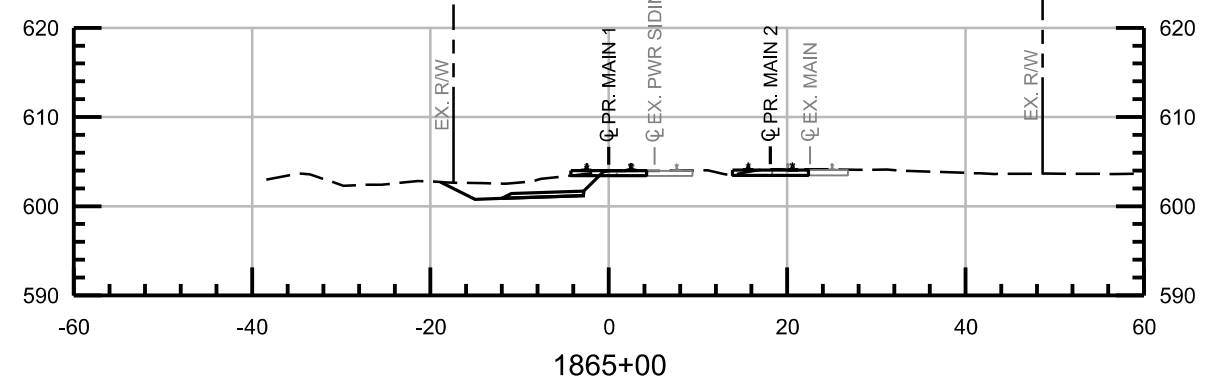
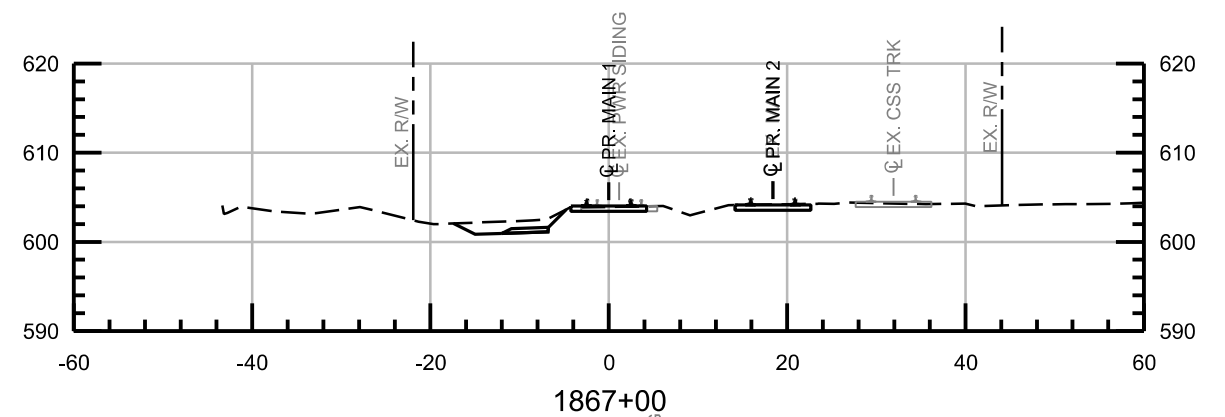
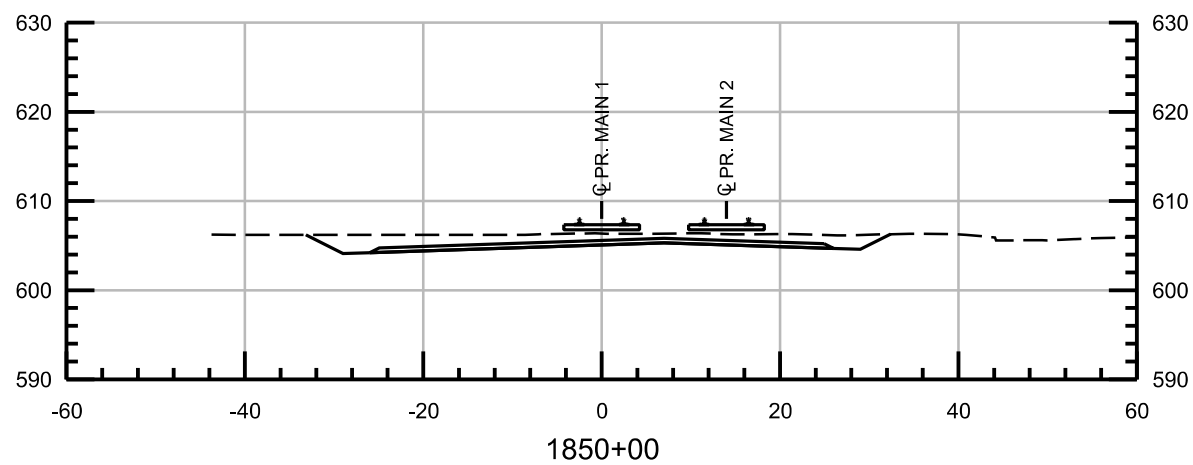
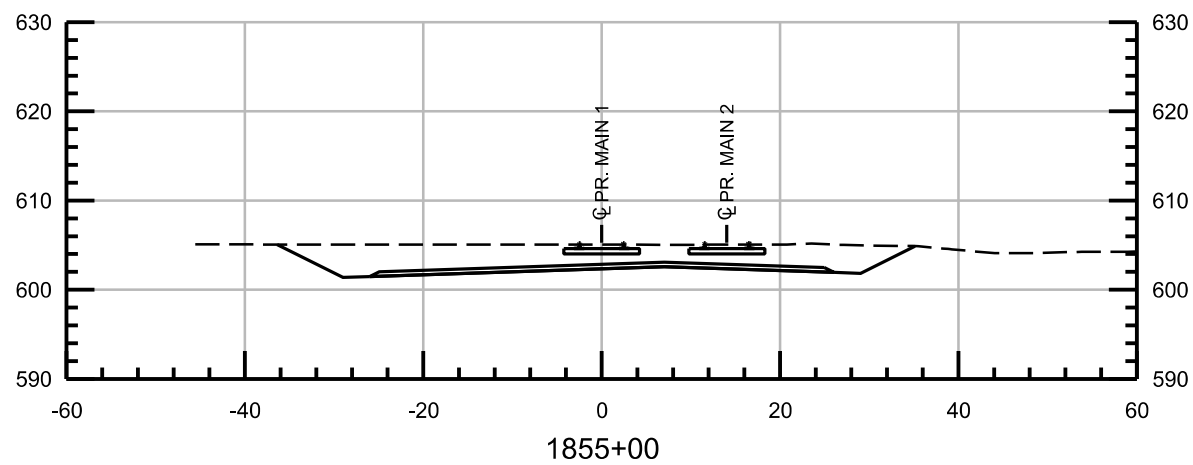
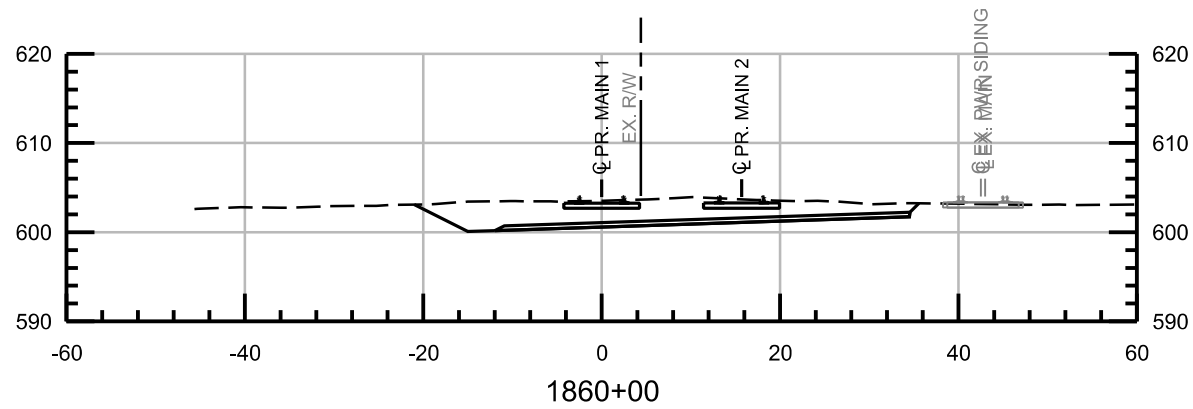


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI	
CROSS SECTIONS STA 1820+00 TO STA 1845+00	
FILENAME	NICTD_R_ML01_XS-0
SCALE	AS NOTED
SHEET	150 OF 193



NOT FOR CONSTRUCTION SERIES RXS-004 OF RXS-046

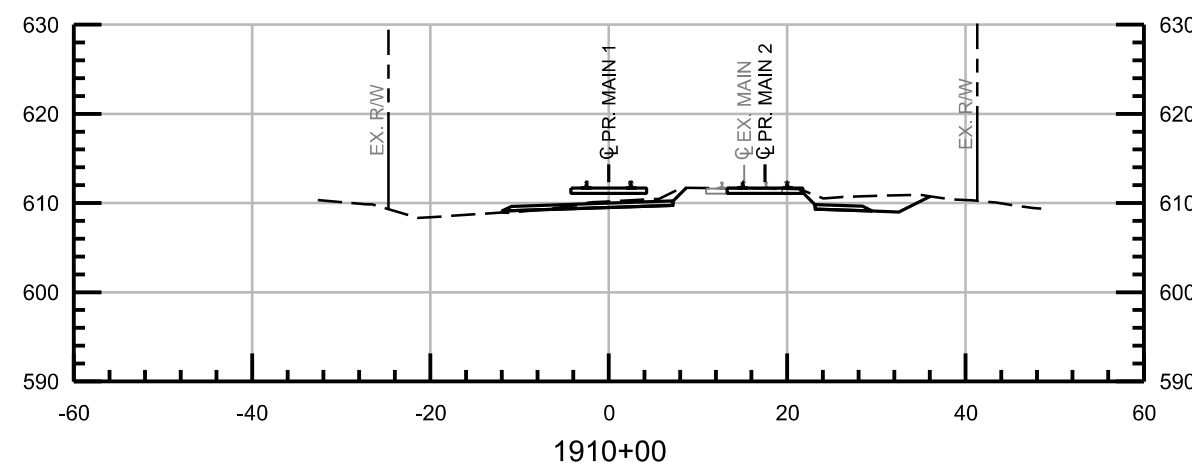
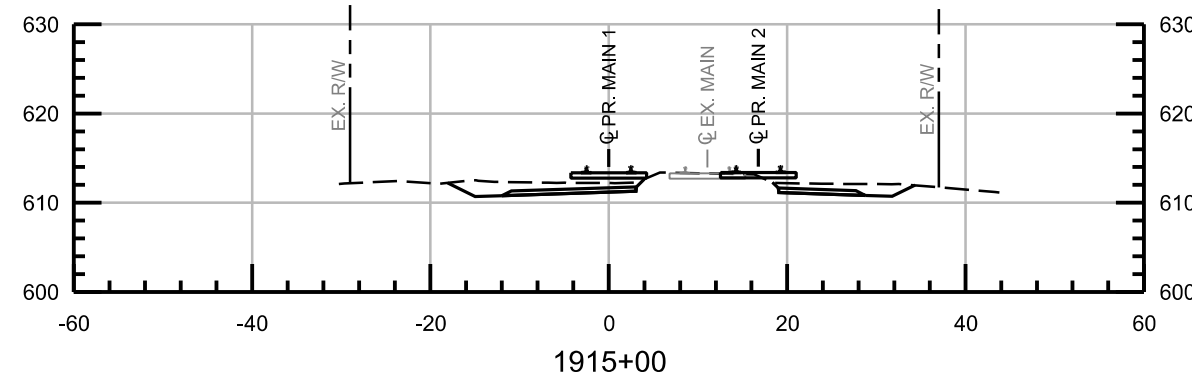
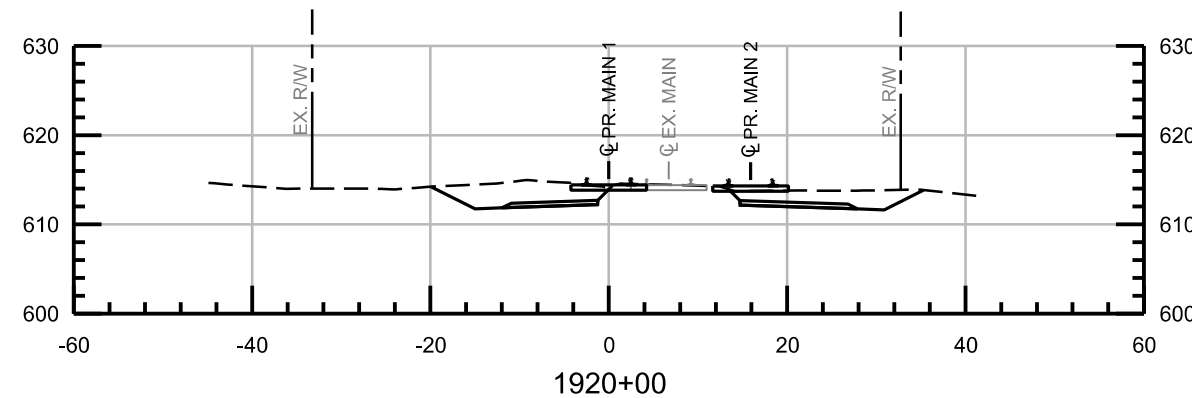
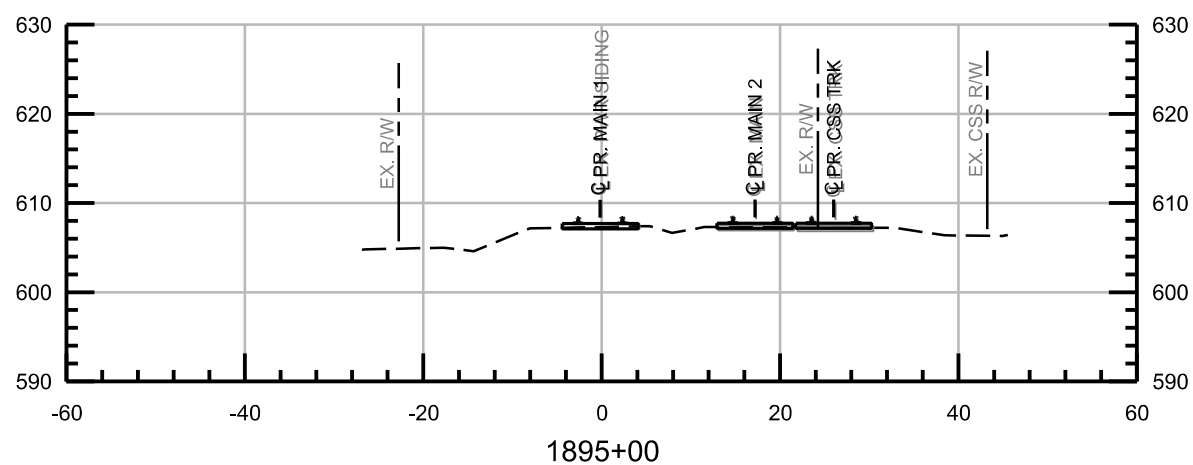
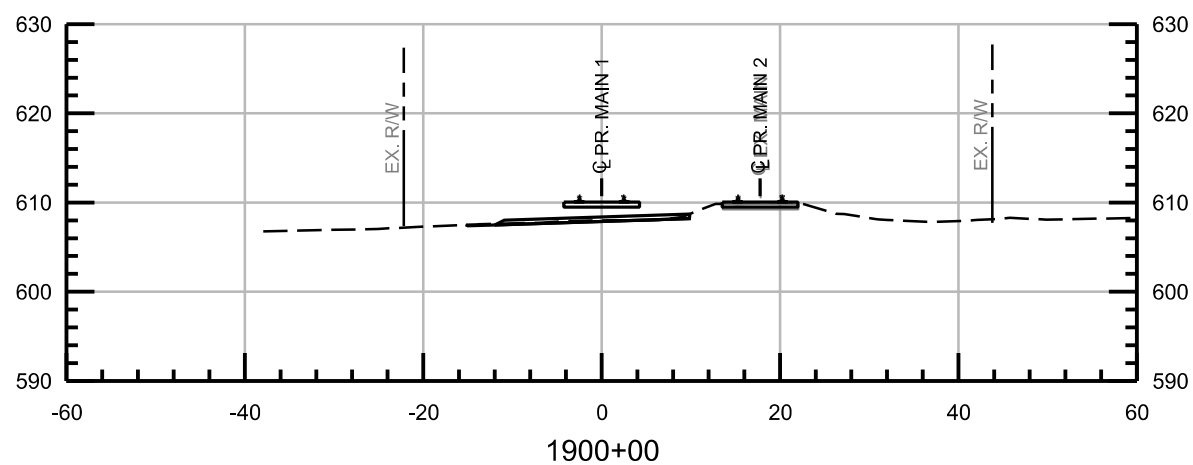
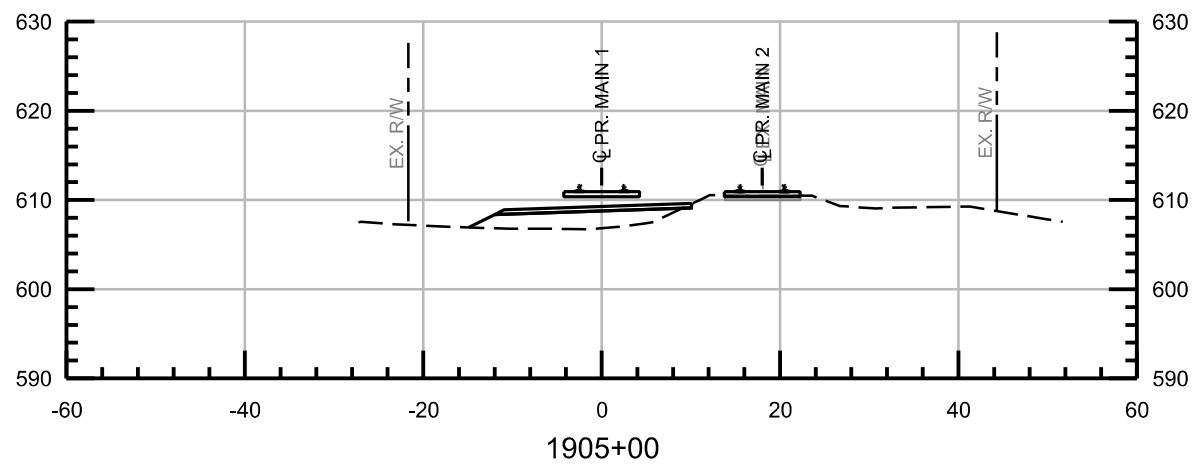


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET 151 OF 193
CROSS SECTIONS STA 1850+00 TO STA 1867+00		
FILENAME	NICTD_R_ML01_XS-0	SCALE
SCALE	AS NOTED	



NOT FOR CONSTRUCTION SERIES RXS-005 OF RXS-046



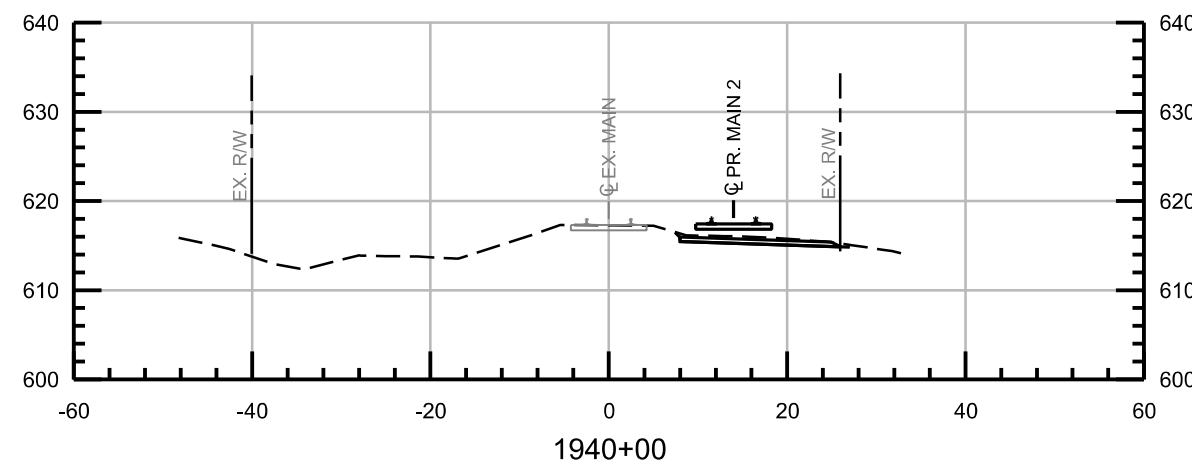
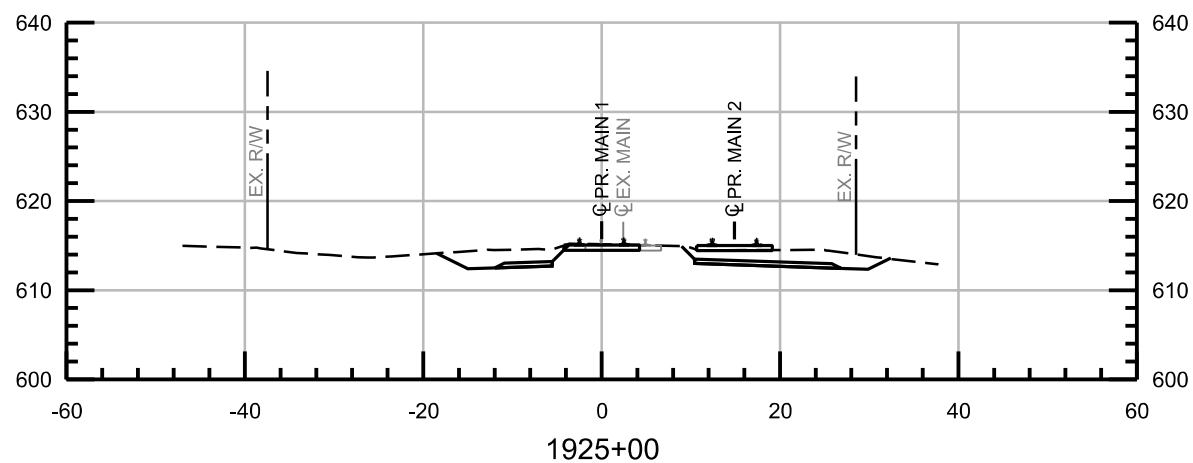
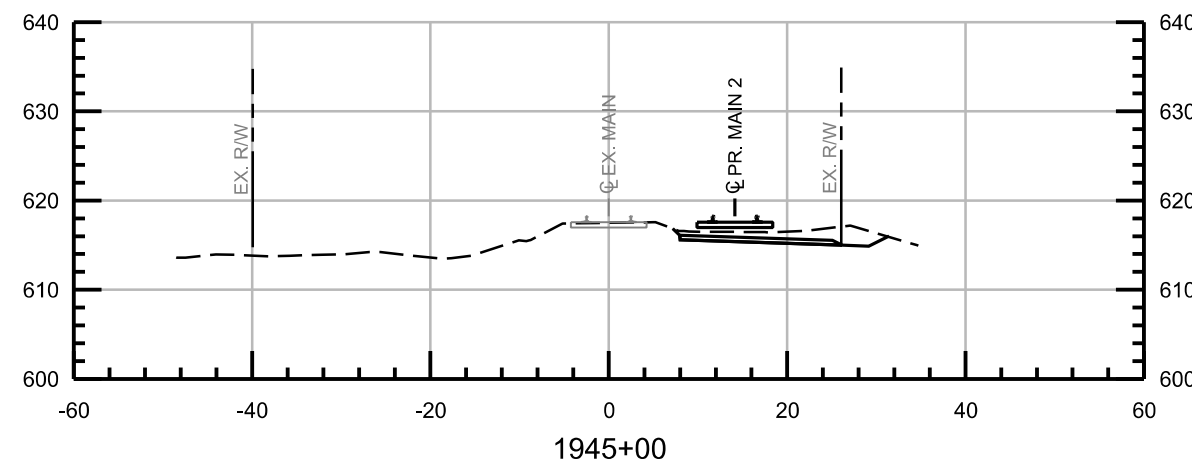
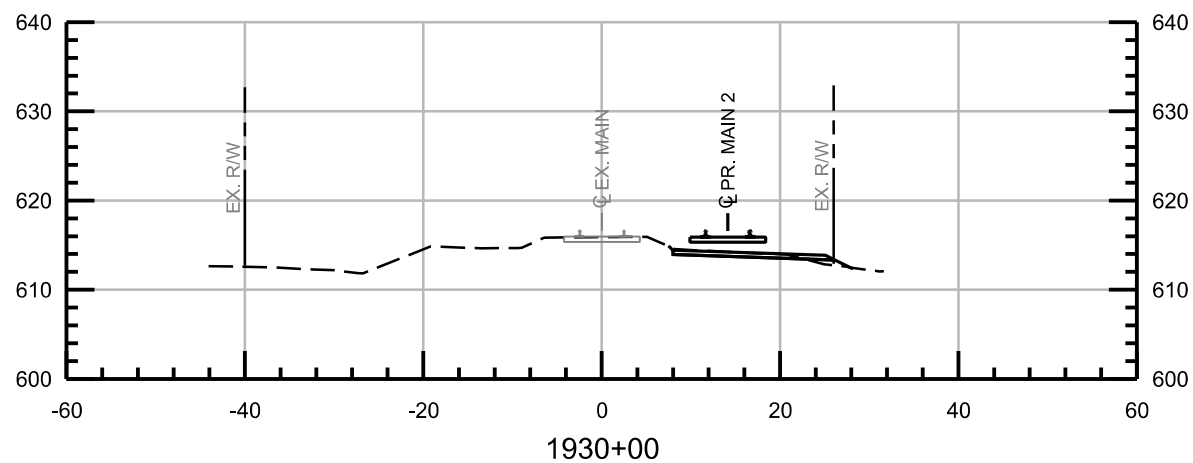
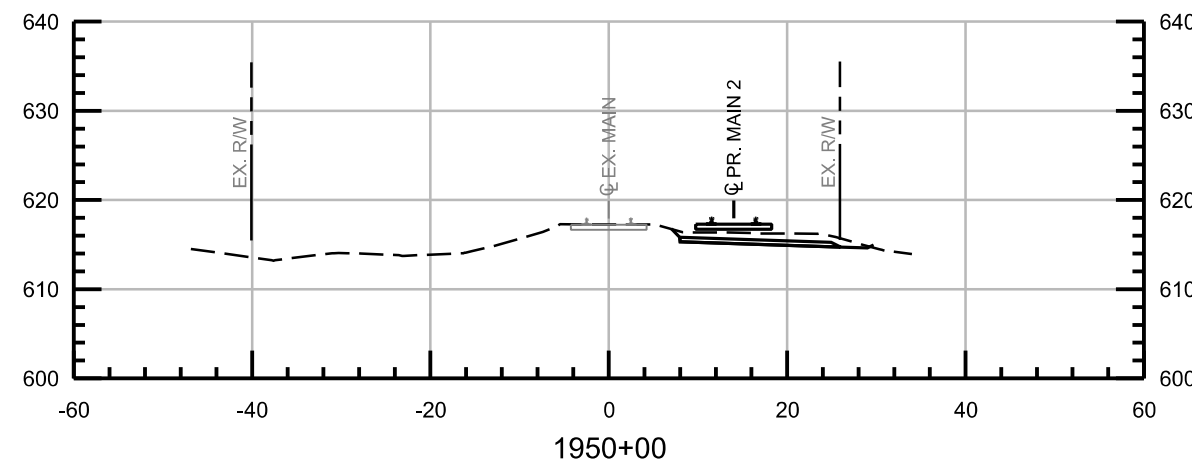
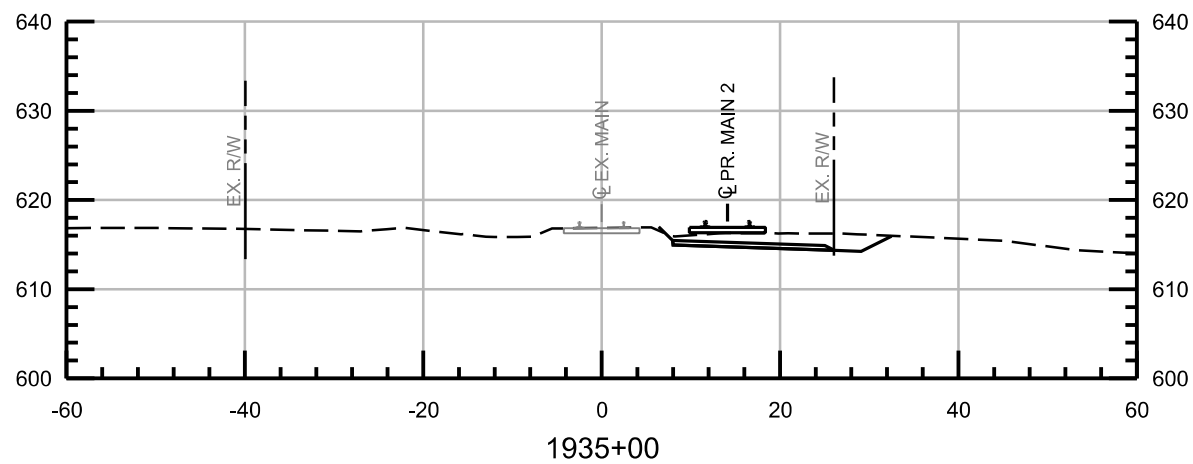
ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET 152 OF 193
FILENAME	NICTD_R_ML01_XS-0	
SCALE	AS NOTED	

CROSS SECTIONS
STA 1895+00 TO STA 1920+00



NOT FOR CONSTRUCTION SERIES RXS-006 OF RXS-046

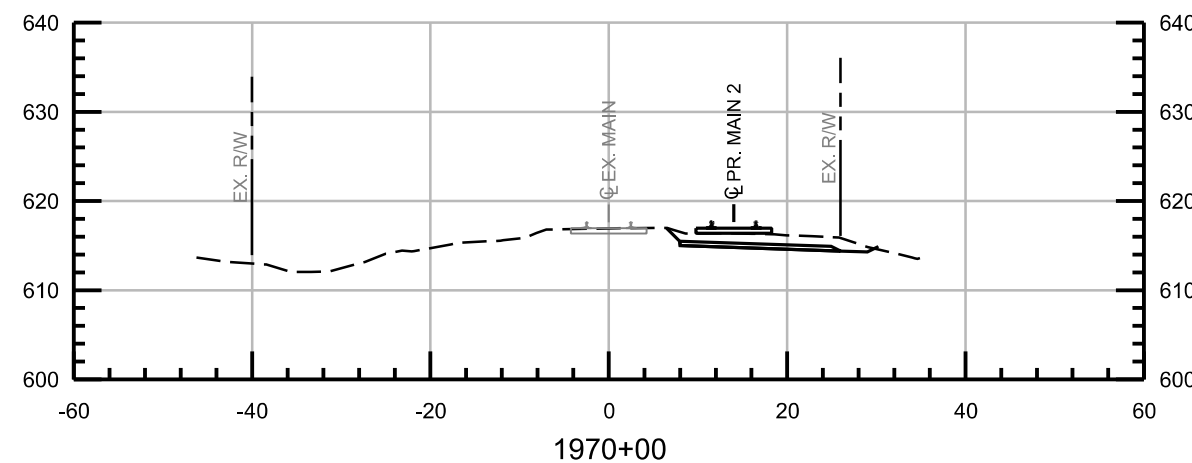
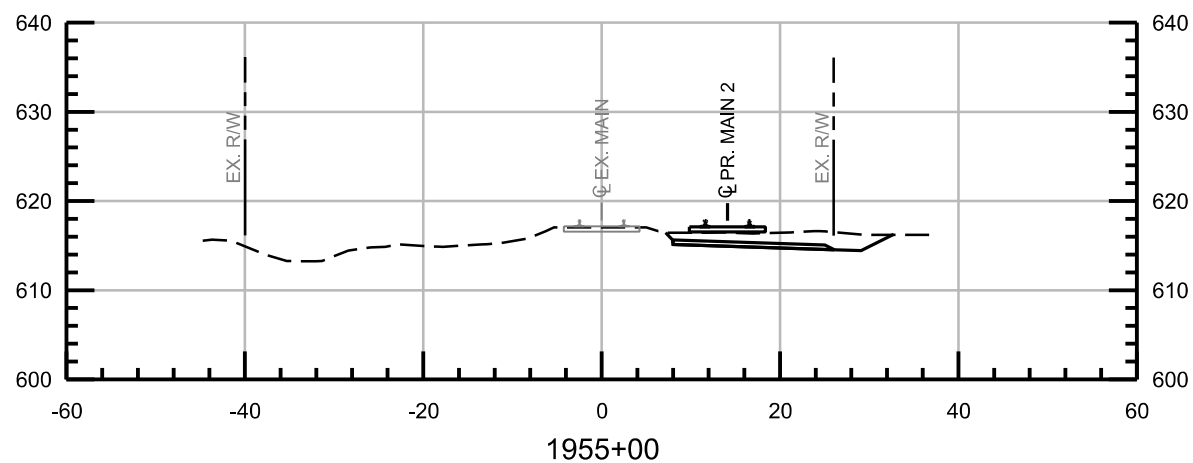
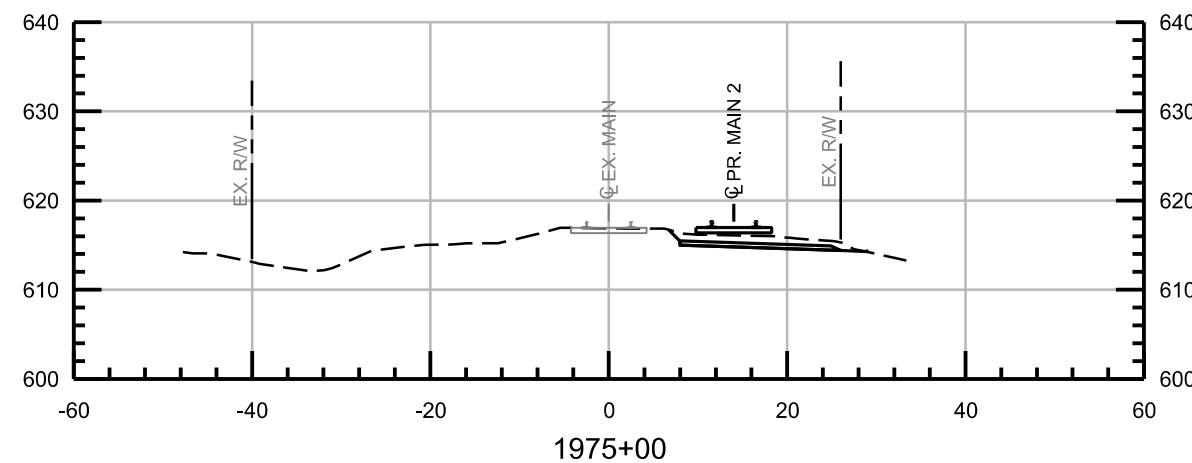
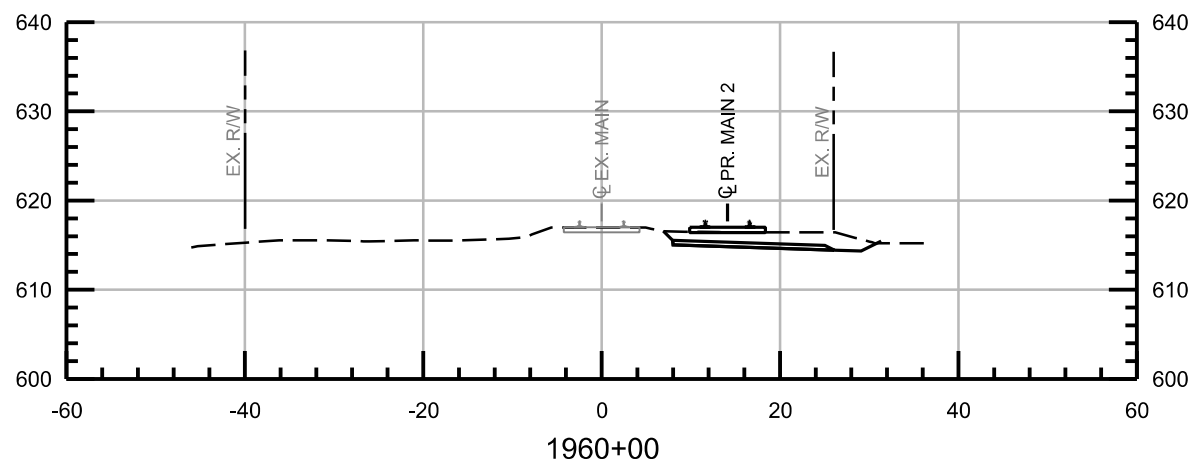
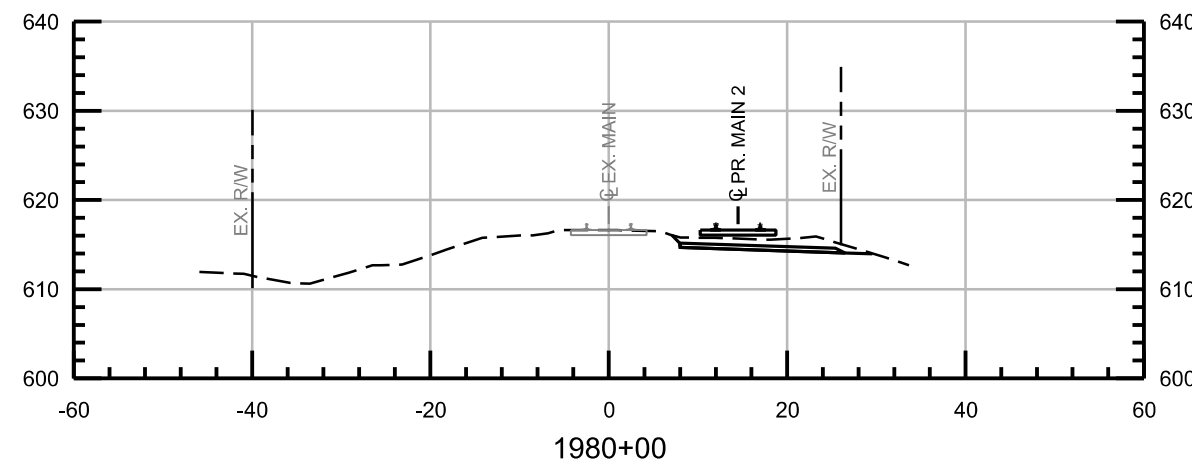
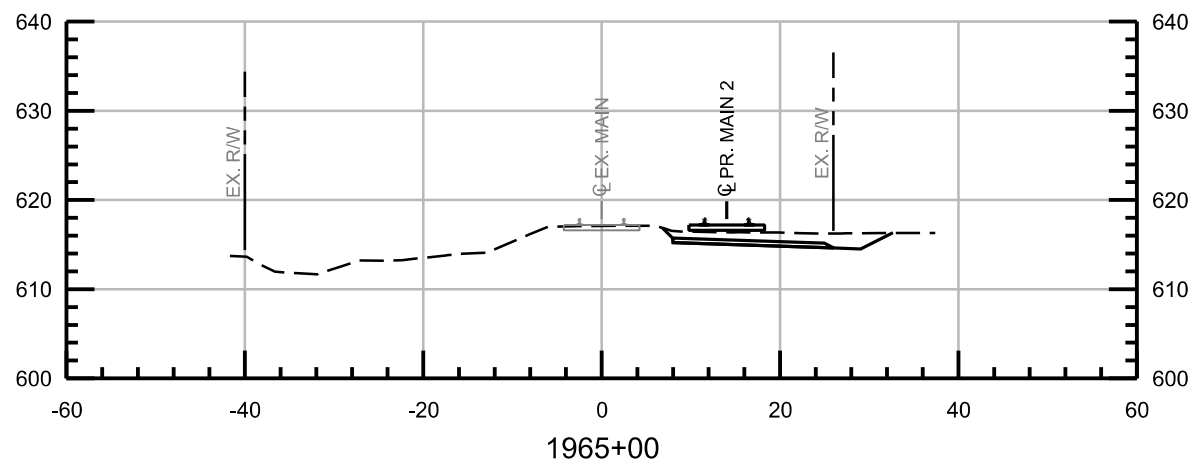


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI	
CROSS SECTIONS STA 1925+00 TO STA 1950+00	
FILENAME	NICTD_R_ML01_XS-0
SCALE	AS NOTED
SHEET	153 OF 193



NOT FOR CONSTRUCTION SERIES RXS-007 OF RXS-046

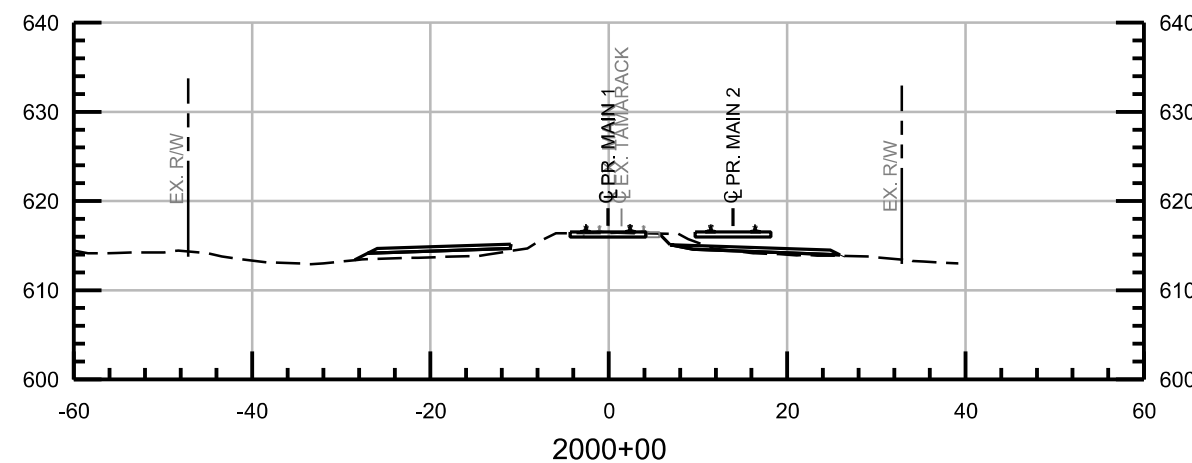
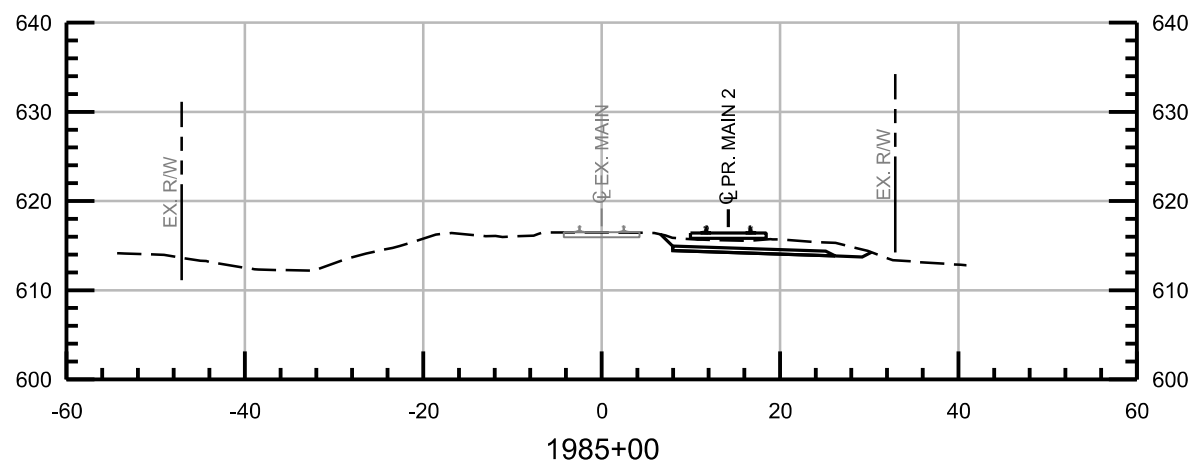
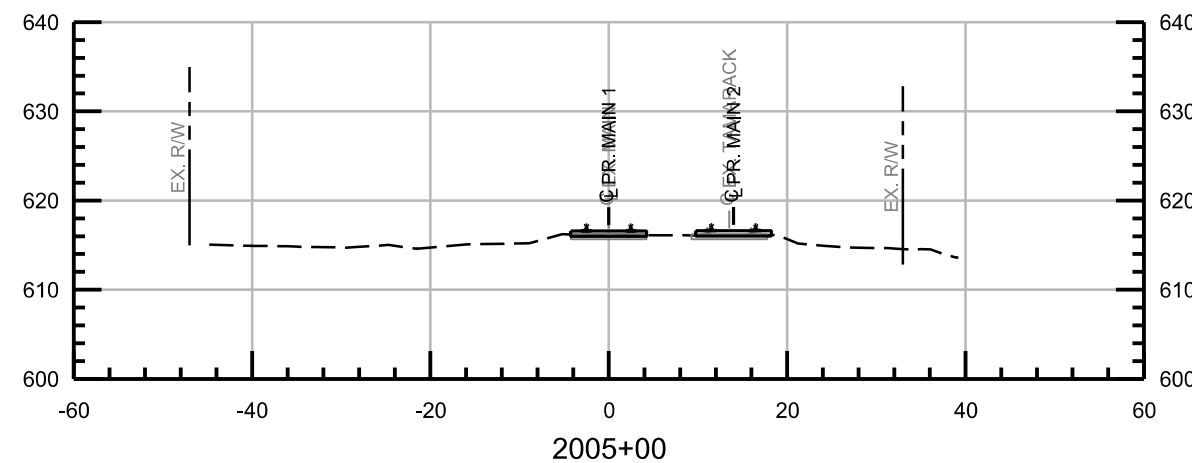
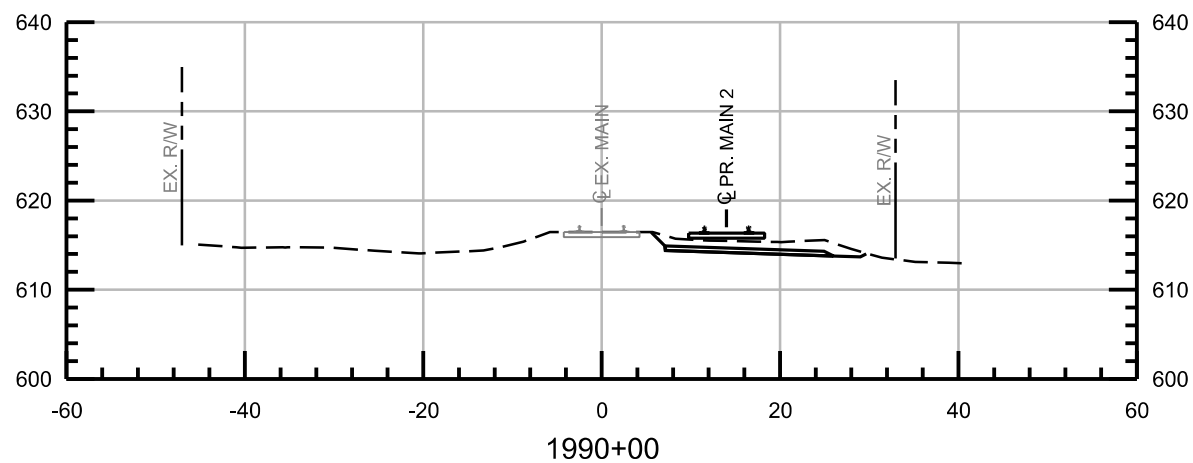
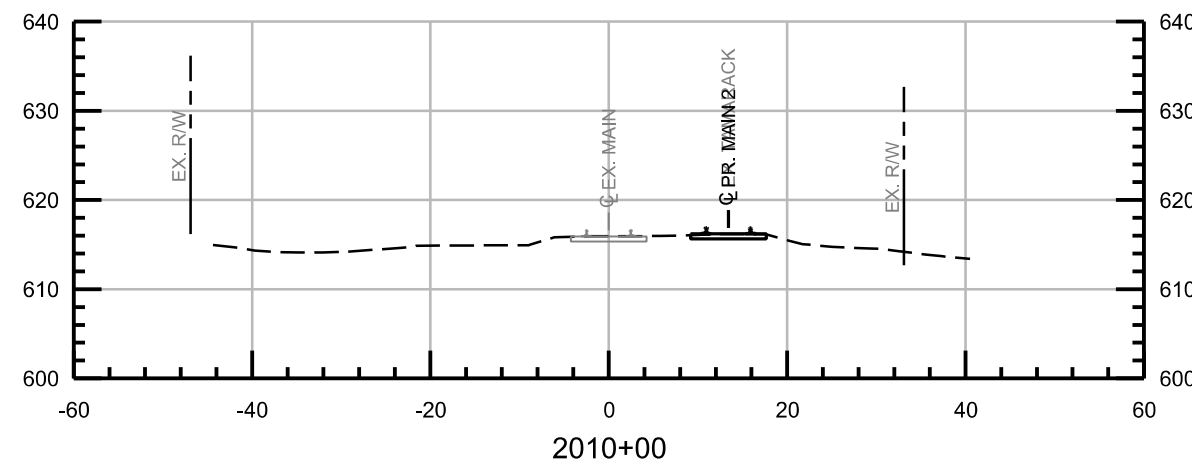
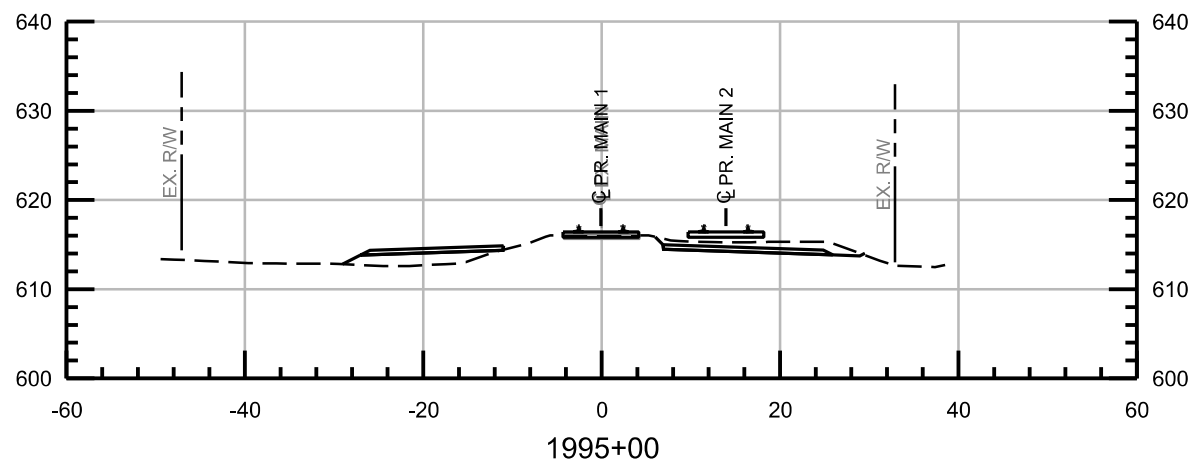


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET 154 OF 193
FILENAME	NICTD_R_ML01_XS-0	
SCALE	AS NOTED	



NOT FOR CONSTRUCTION SERIES RXS-008 OF RXS-046



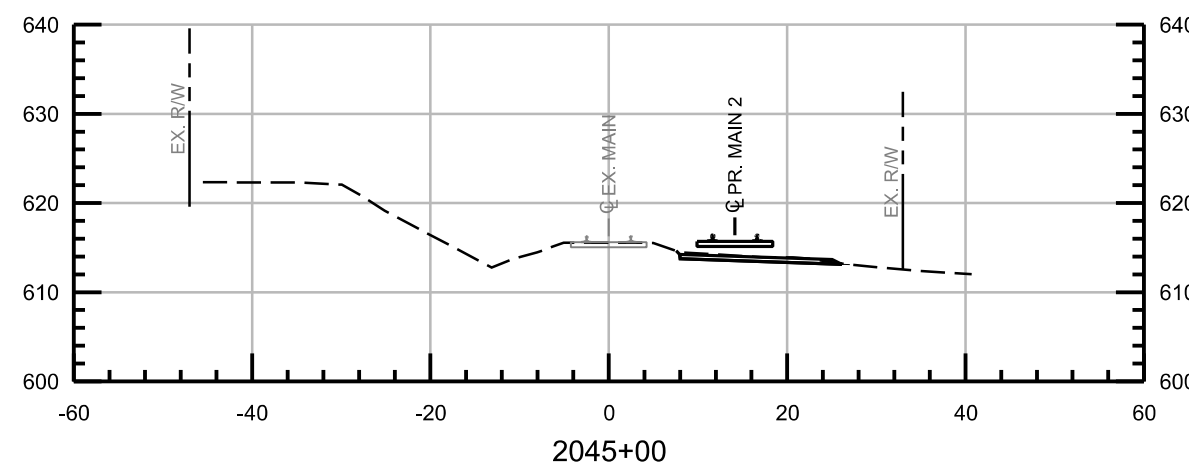
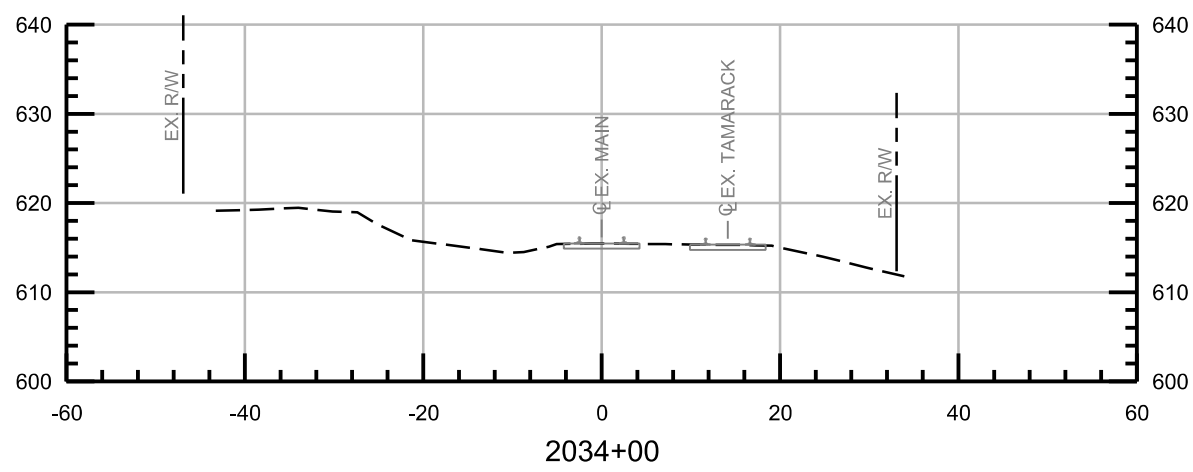
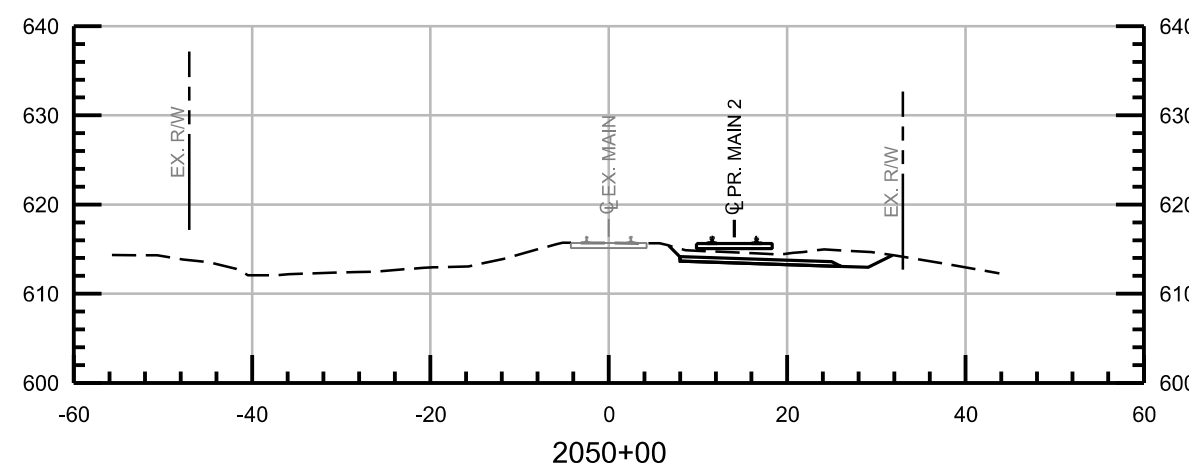
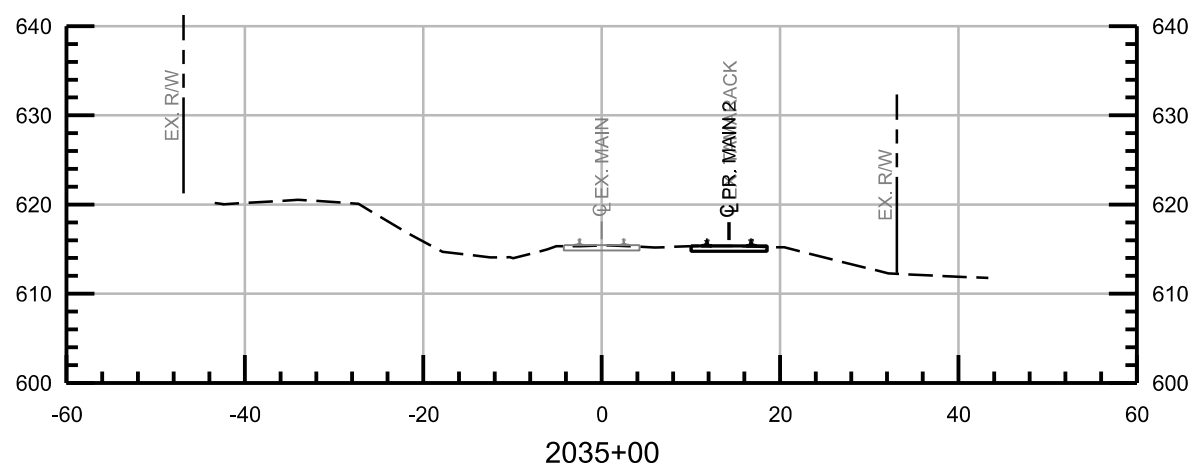
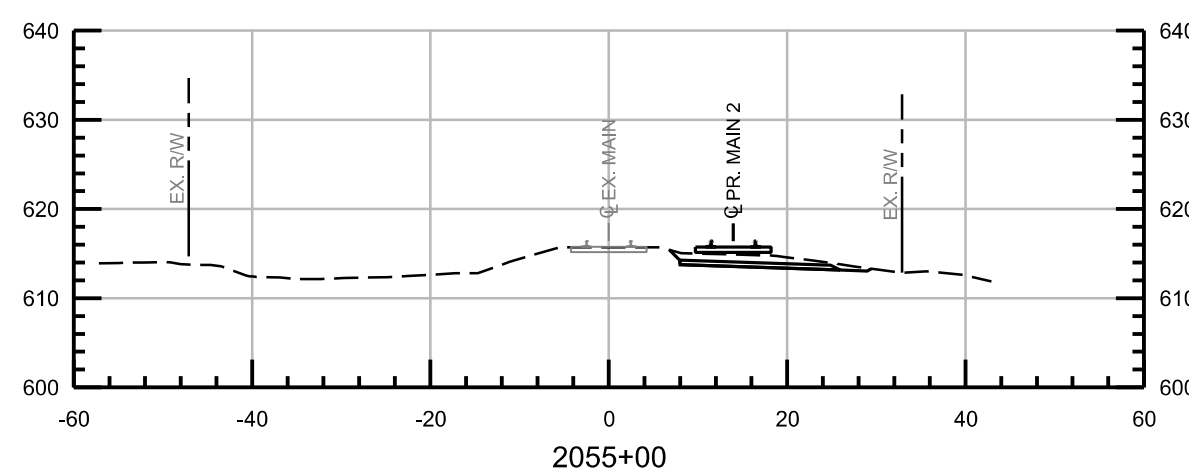
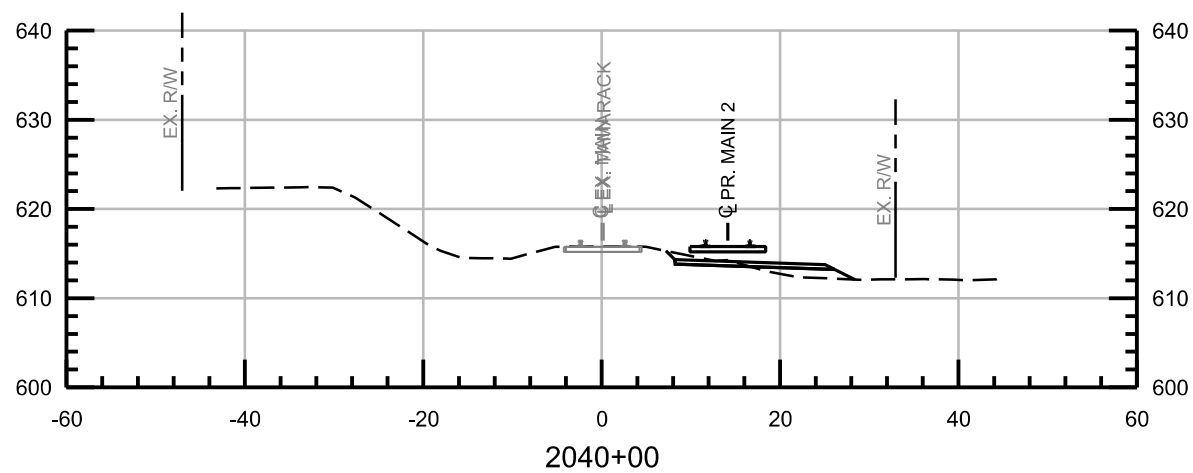
ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET 155 OF 193
FILENAME	NICTD_R_ML01_XS-0	
SCALE	AS NOTED	

CROSS SECTIONS
STA 1985+00 TO STA 2010+00



NOT FOR CONSTRUCTION SERIES RXS-009 OF RXS-046

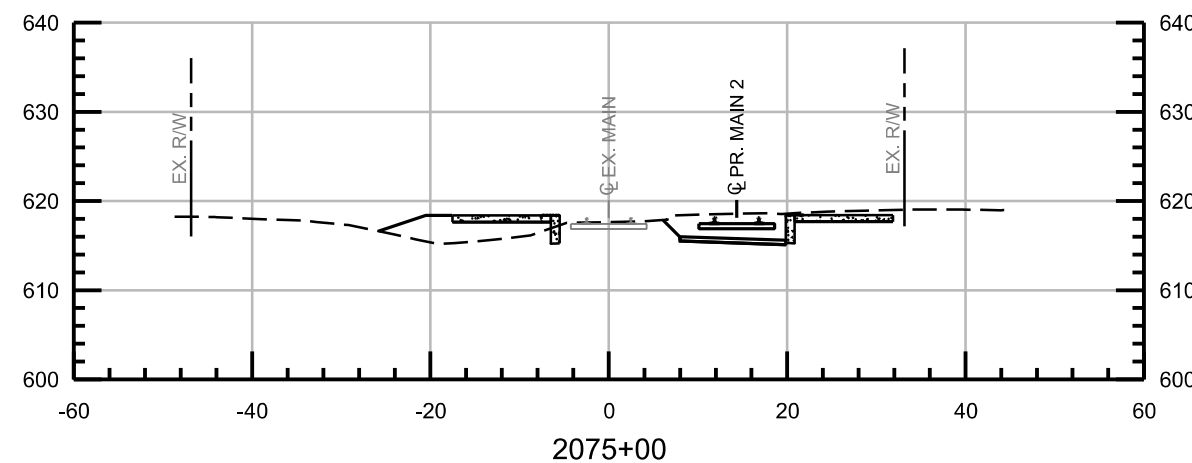
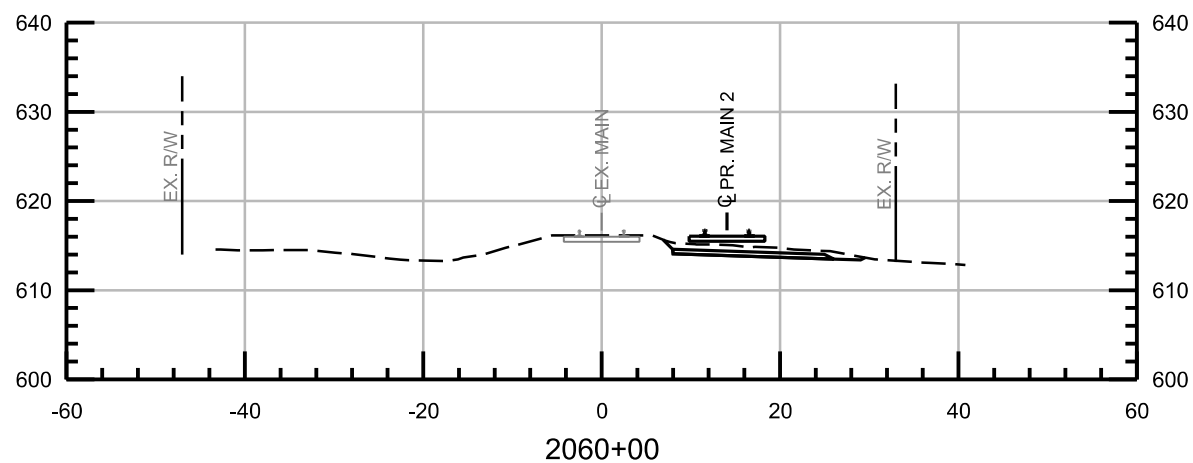
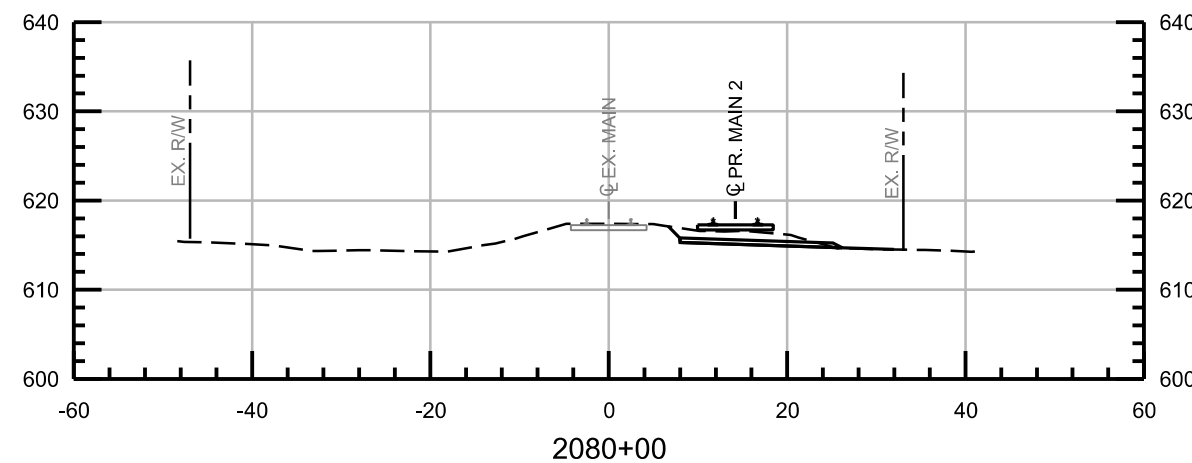
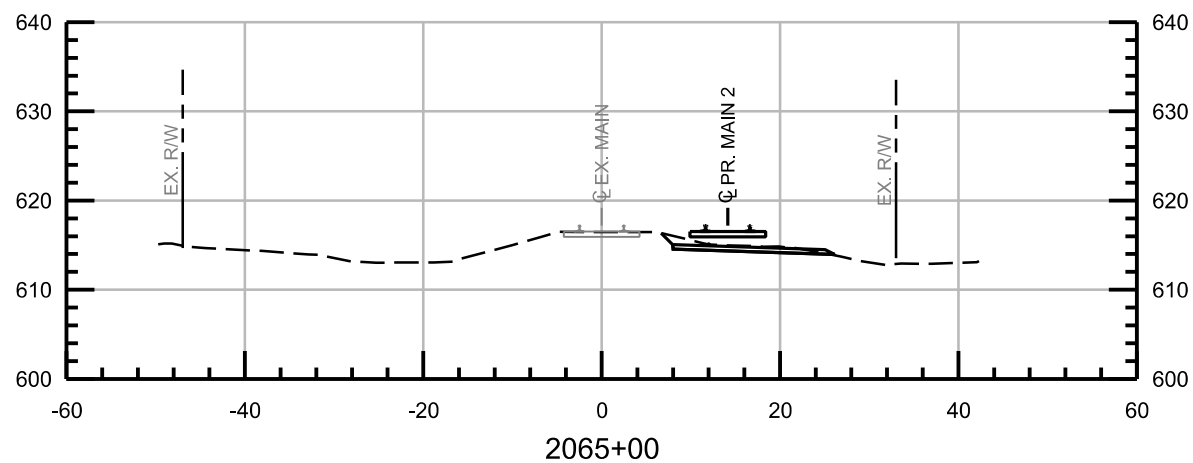
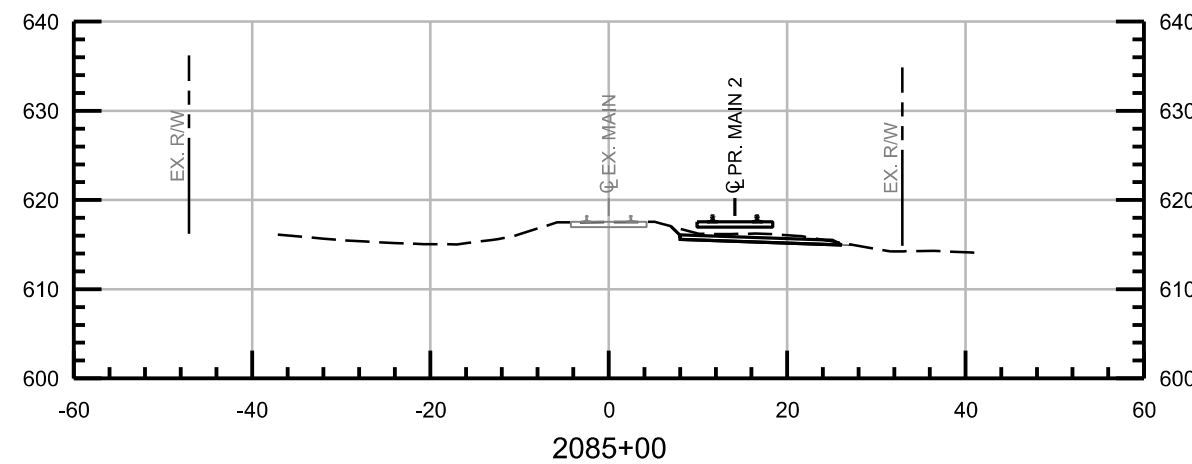
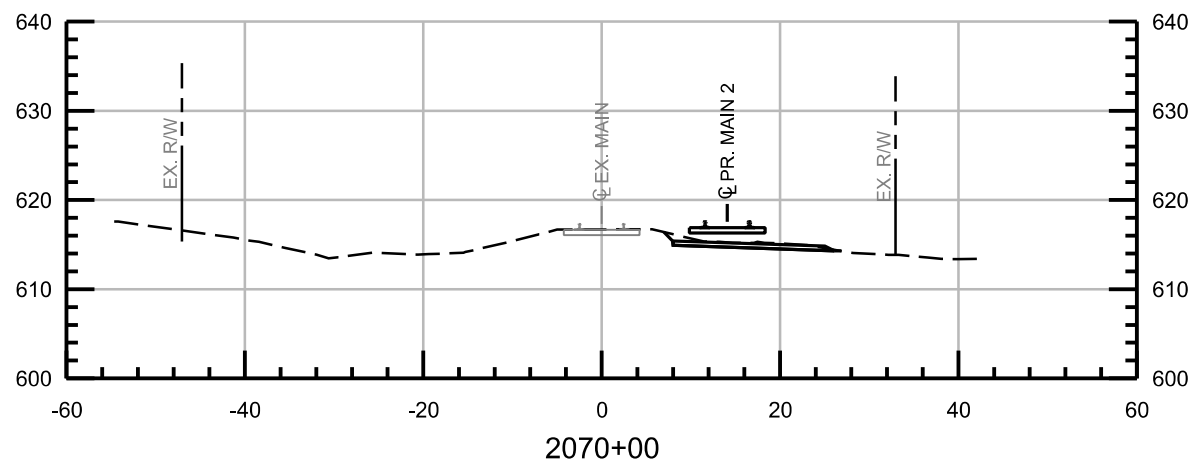


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI	
CROSS SECTIONS STA 2034+00 TO STA 2055+00	
FILENAME	NICTD_R_ML01_XS-0
SCALE	AS NOTED
SHEET	156 OF 193



NOT FOR CONSTRUCTION SERIES RXS-010 OF RXS-046

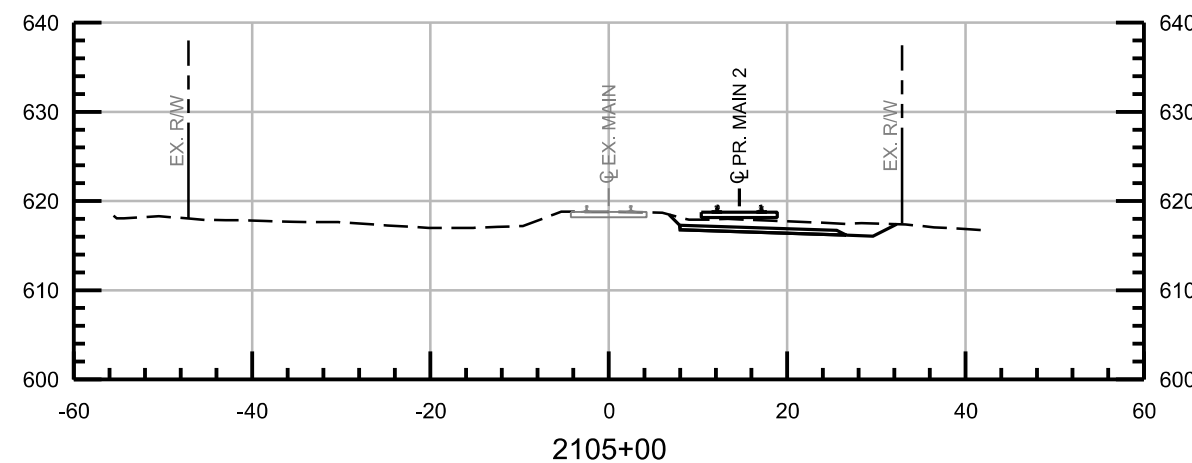
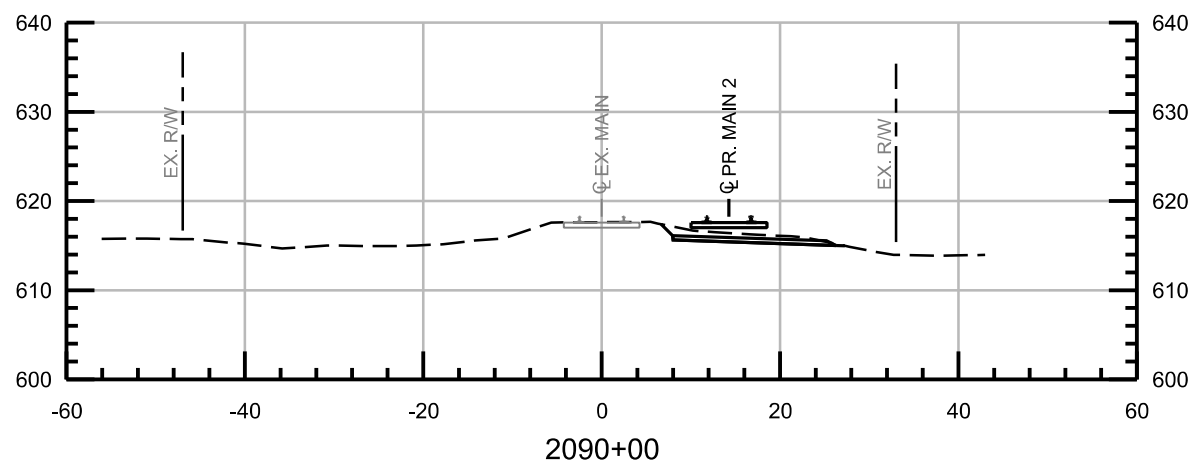
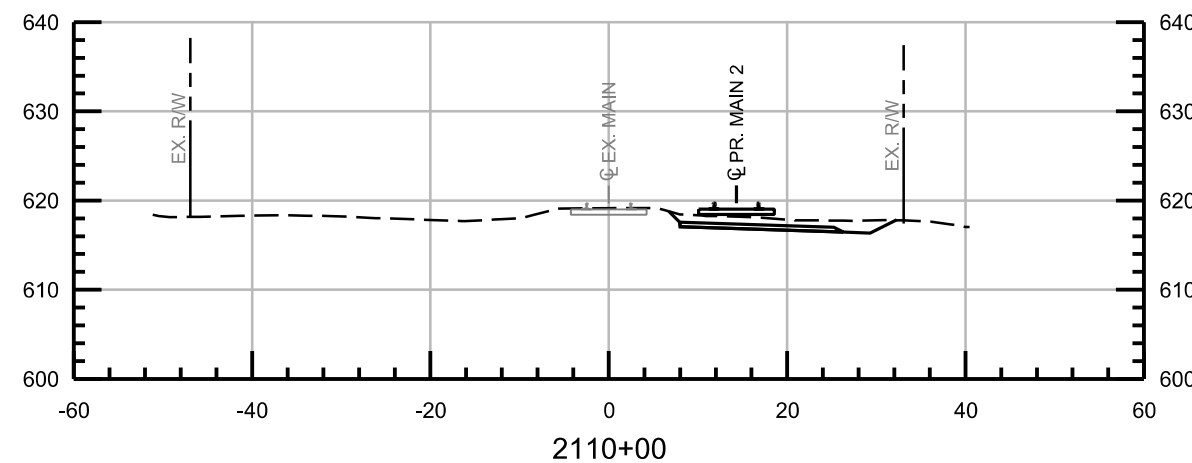
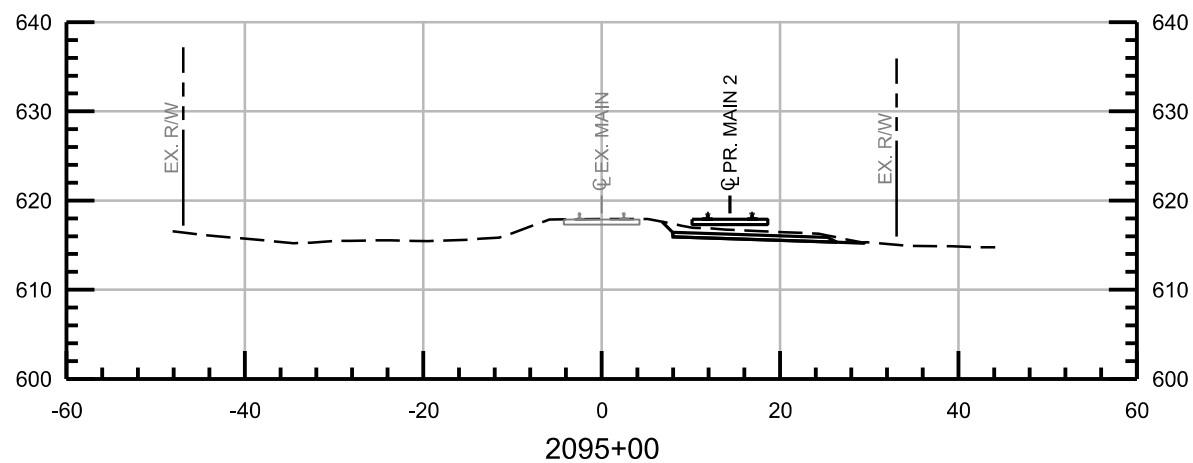
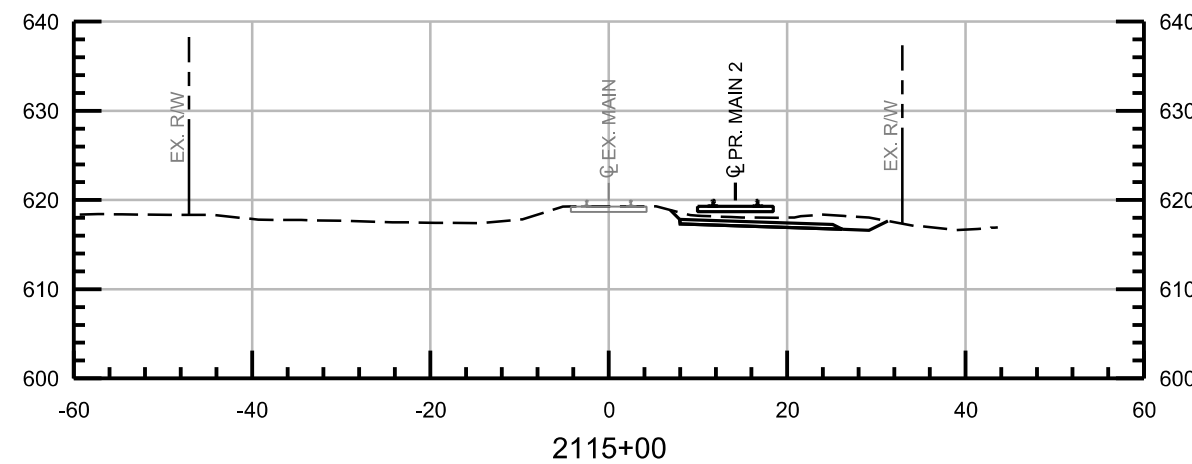
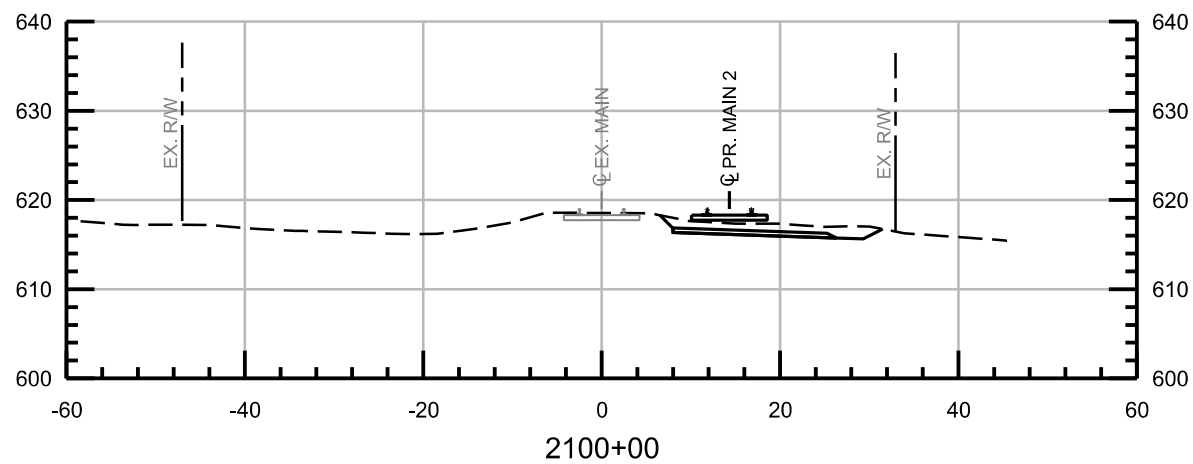


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET 157 OF 193
CROSS SECTIONS STA 2060+00 TO STA 2085+00		
FILENAME	NICTD_R_ML01_XS-0	SCALE AS NOTED
SCALE	AS NOTED	



NOT FOR CONSTRUCTION SERIES RXS-011 OF RXS-046

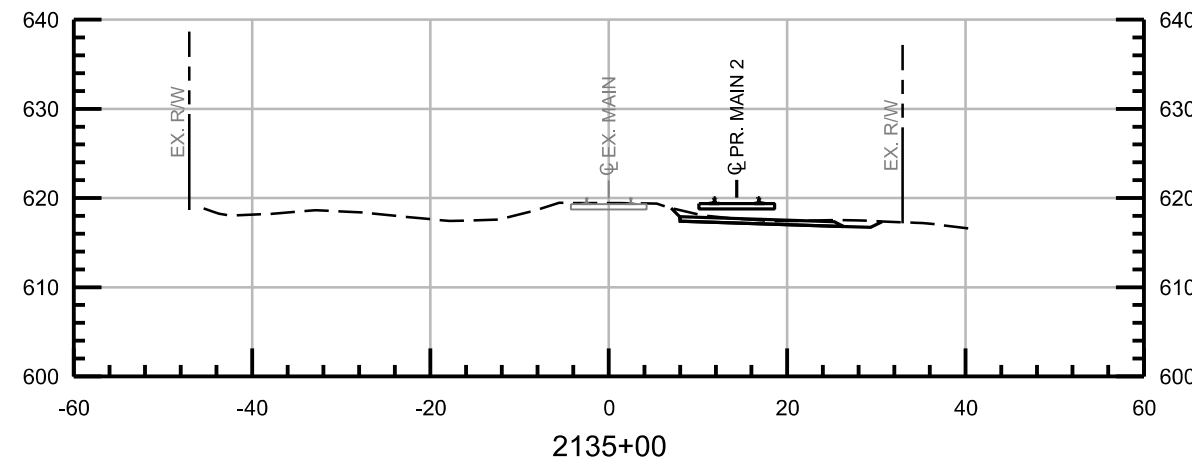
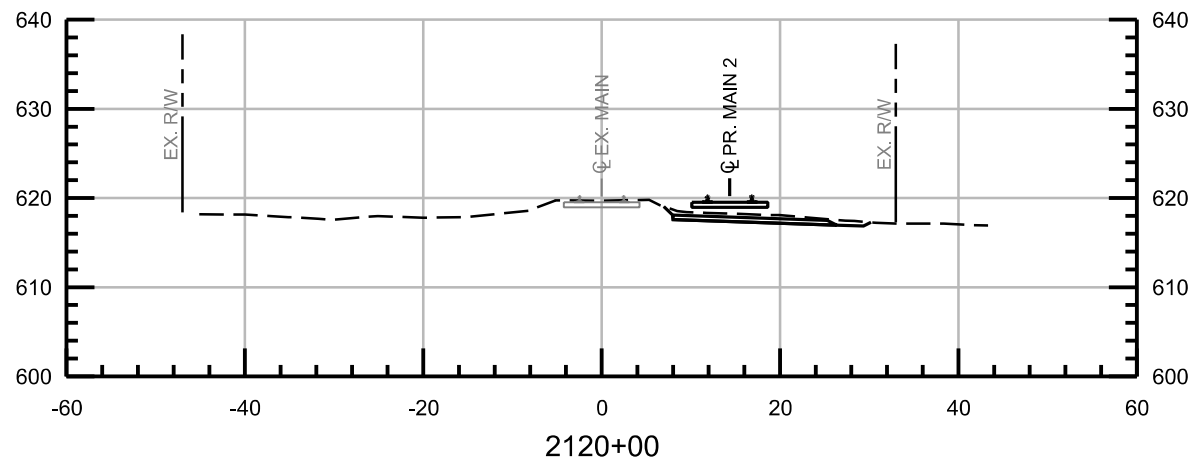
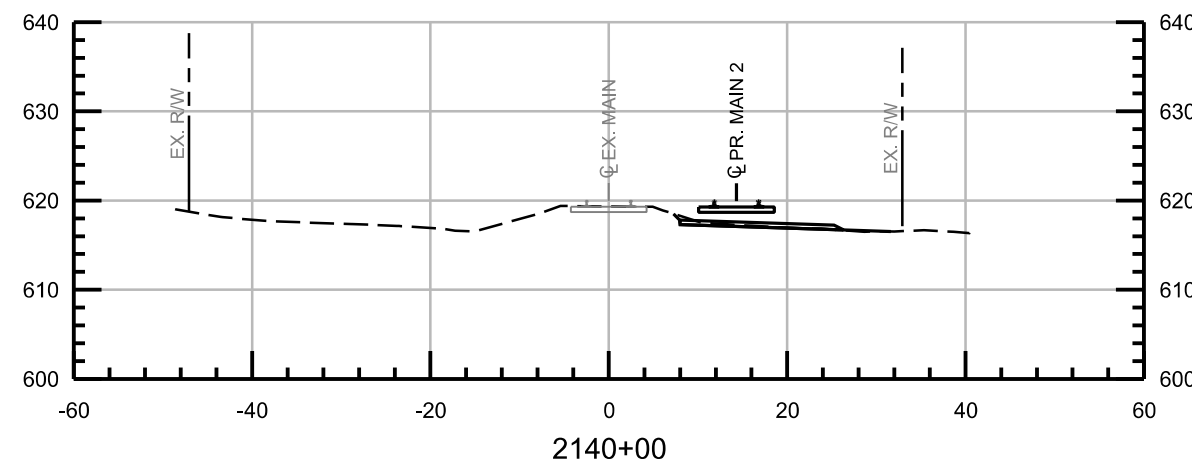
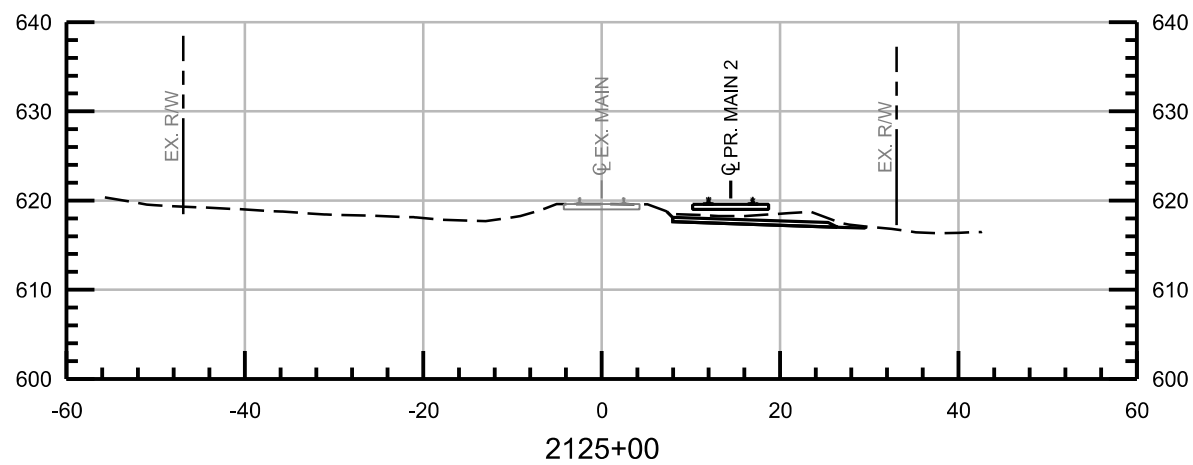
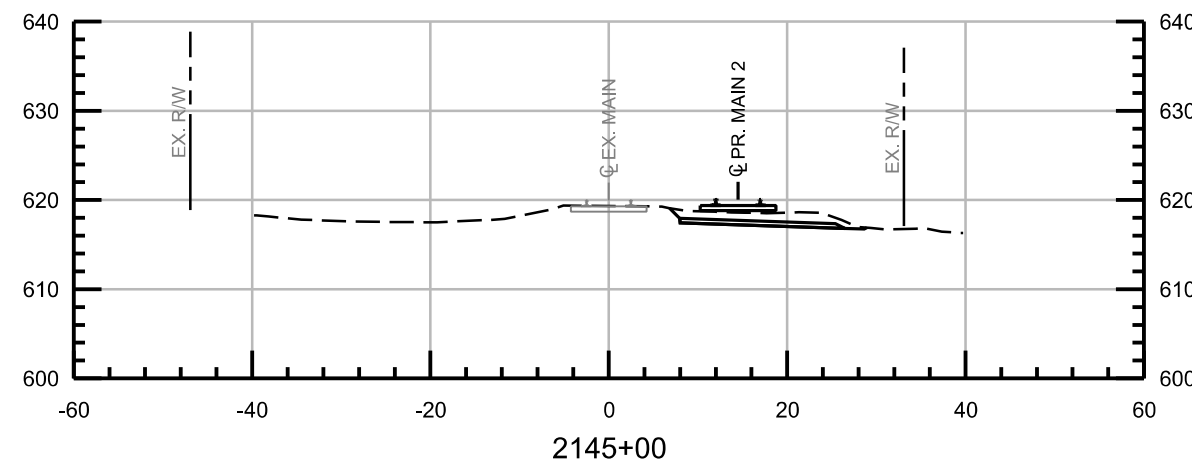
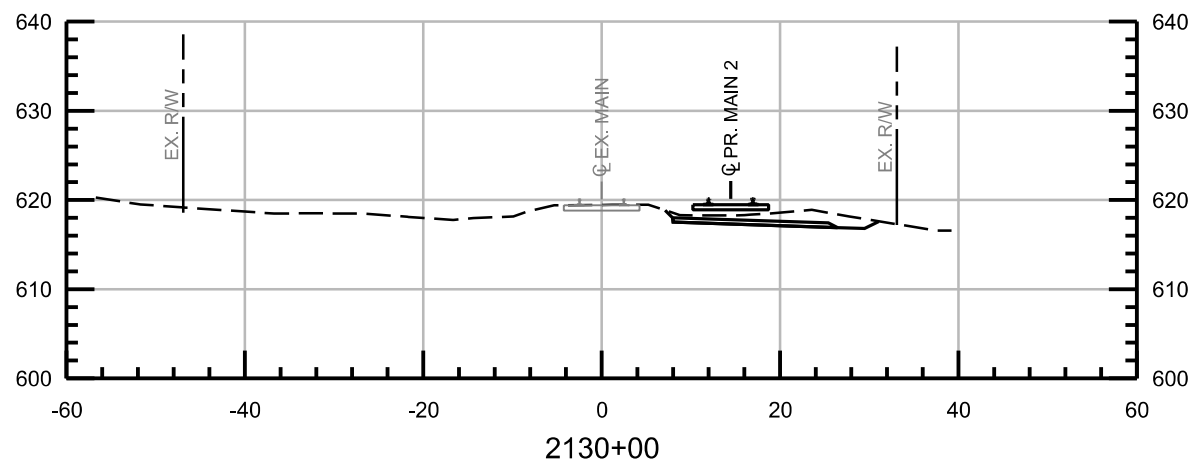


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET 158 OF 193
CROSS SECTIONS STA 2090+00 TO STA 2115+00		
FILENAME	NICTD_R_ML01_XS-0	SCALE
SCALE	AS NOTED	



NOT FOR CONSTRUCTION SERIES RXS-012 OF RXS-046

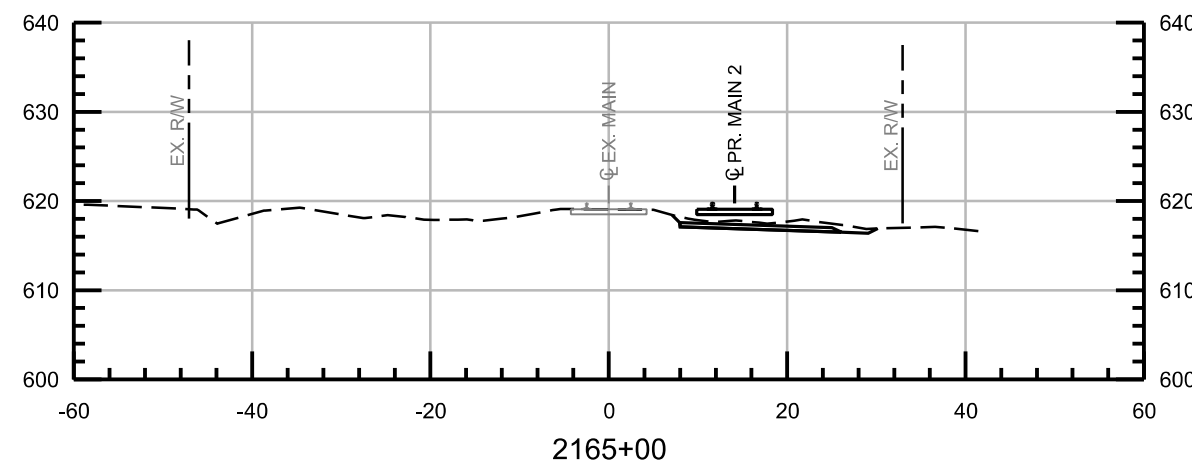
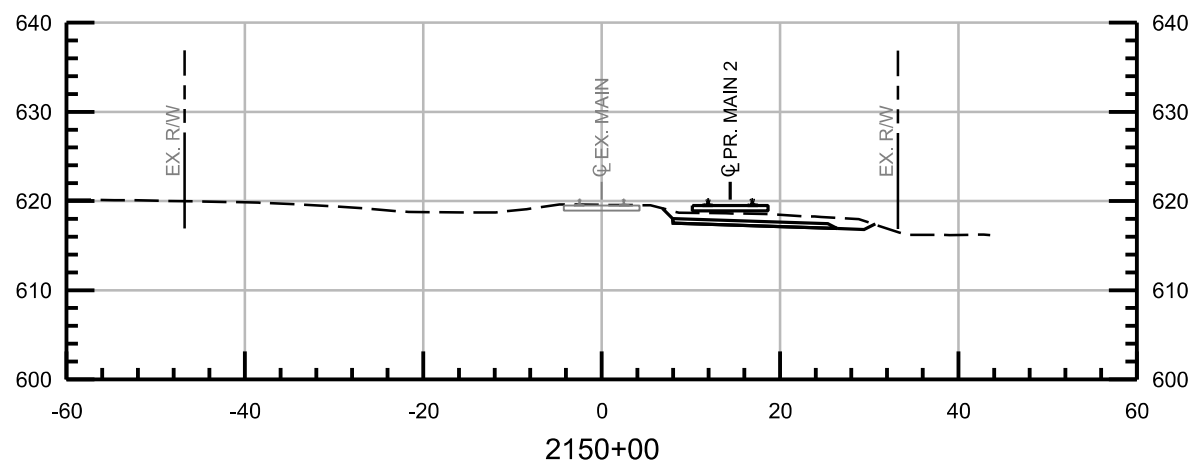
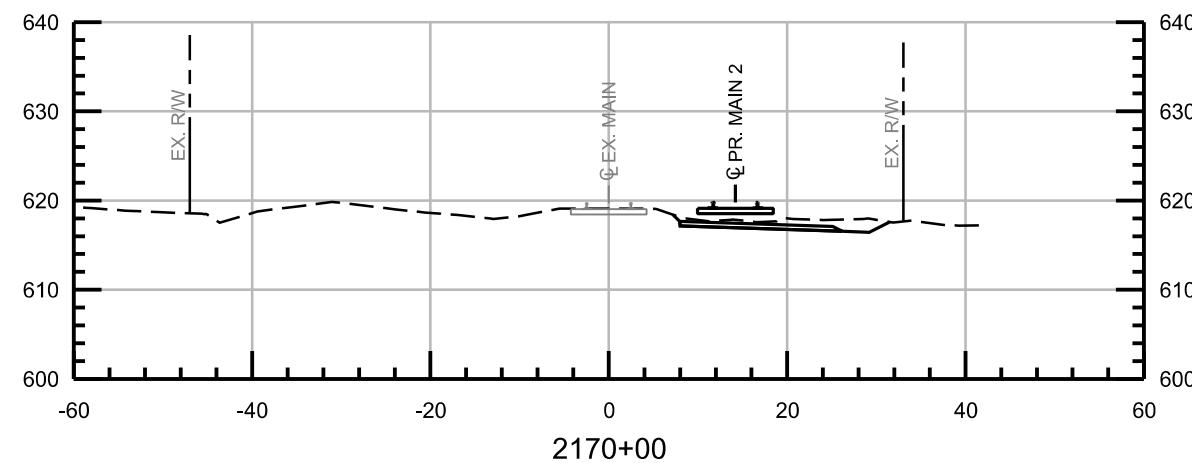
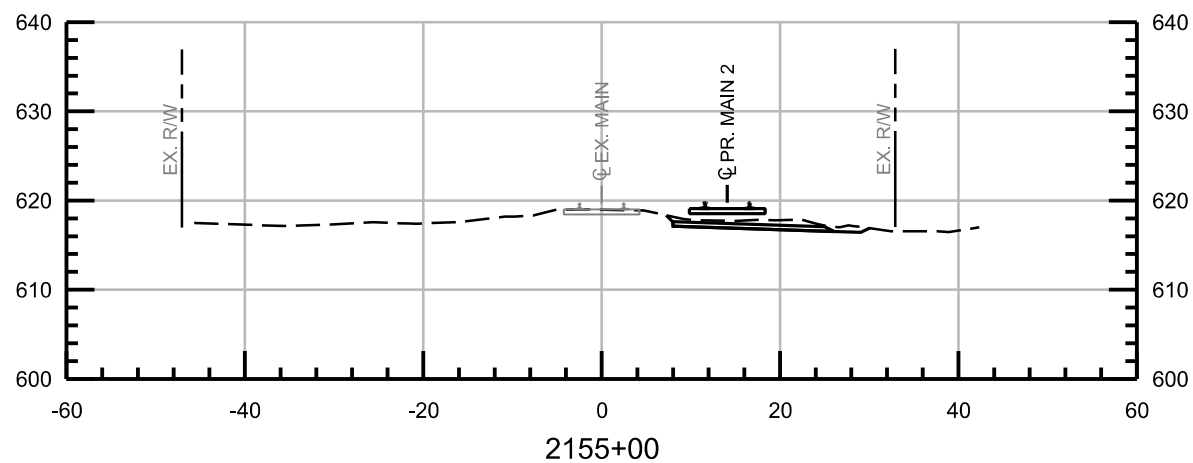
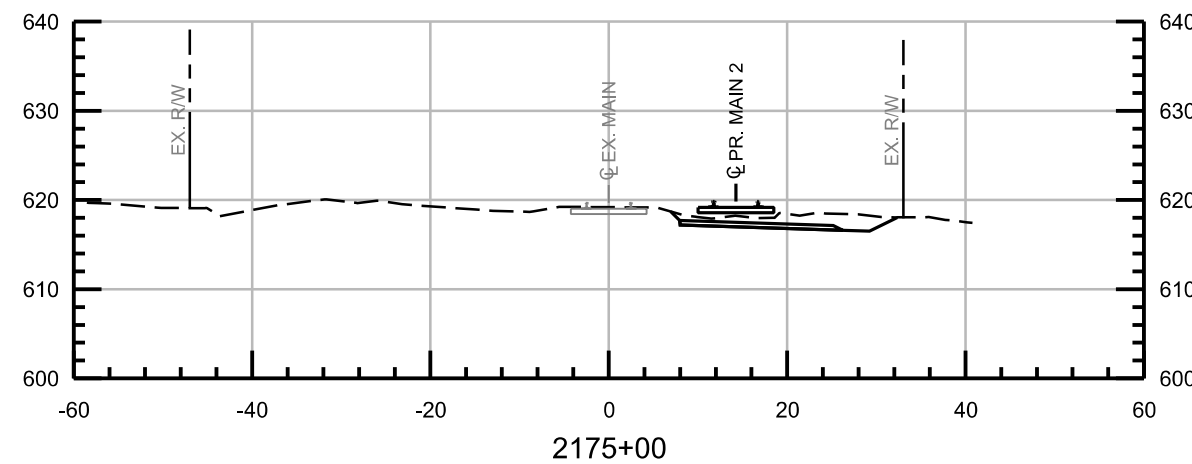
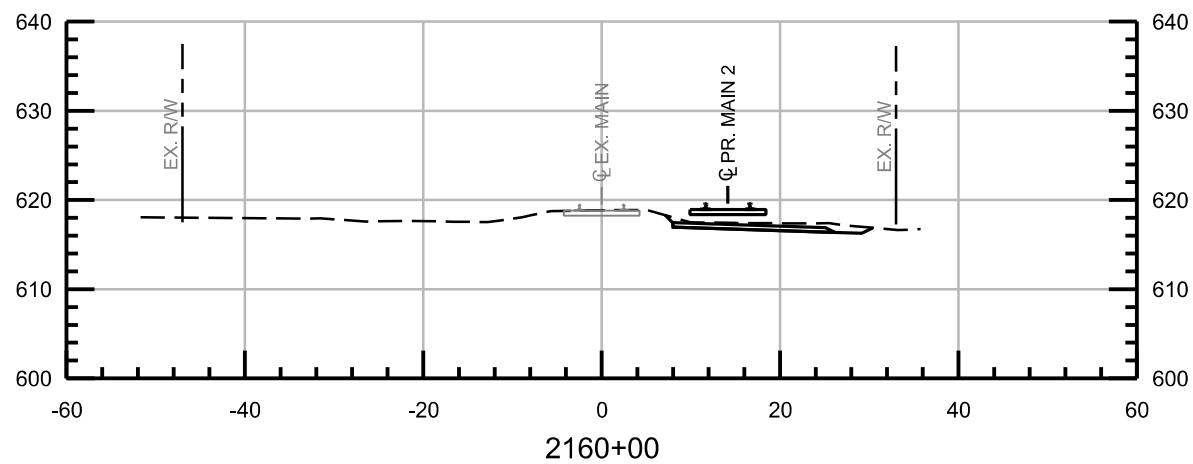


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET 159 OF 193
CROSS SECTIONS STA 2120+00 TO STA 2145+00		
FILENAME	NICTD_R_ML01_XS-0	SCALE AS NOTED
SCALE	AS NOTED	



NOT FOR CONSTRUCTION SERIES RXS-013 OF RXS-046

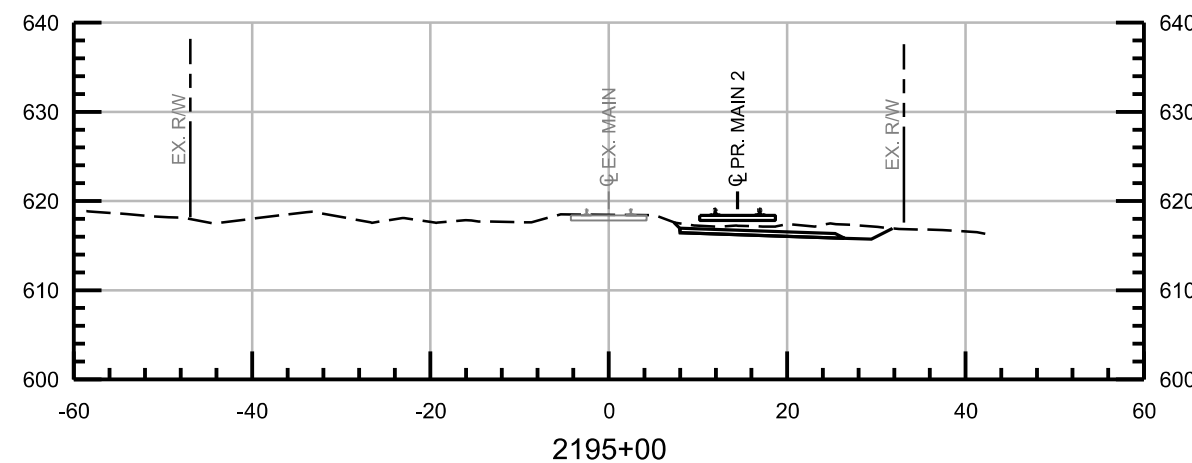
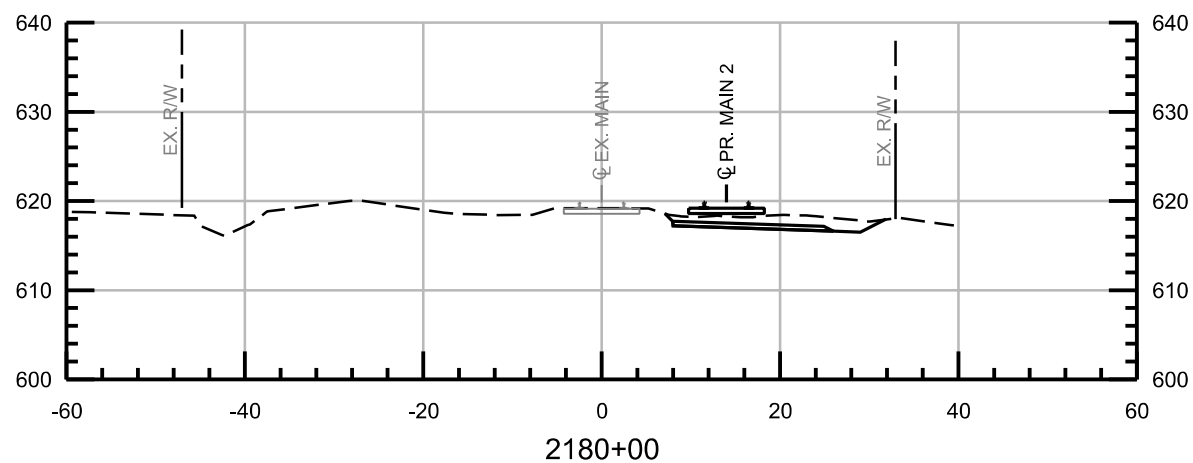
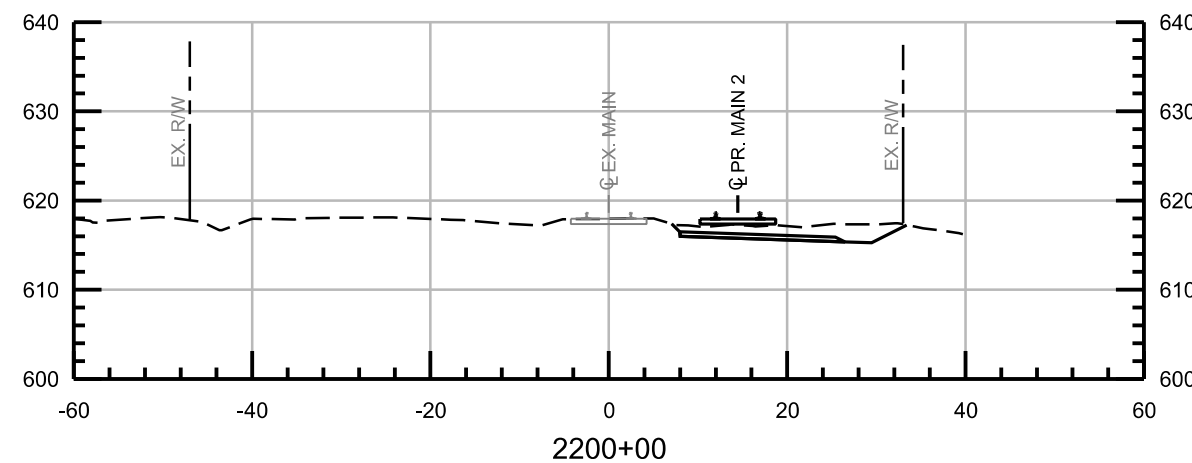
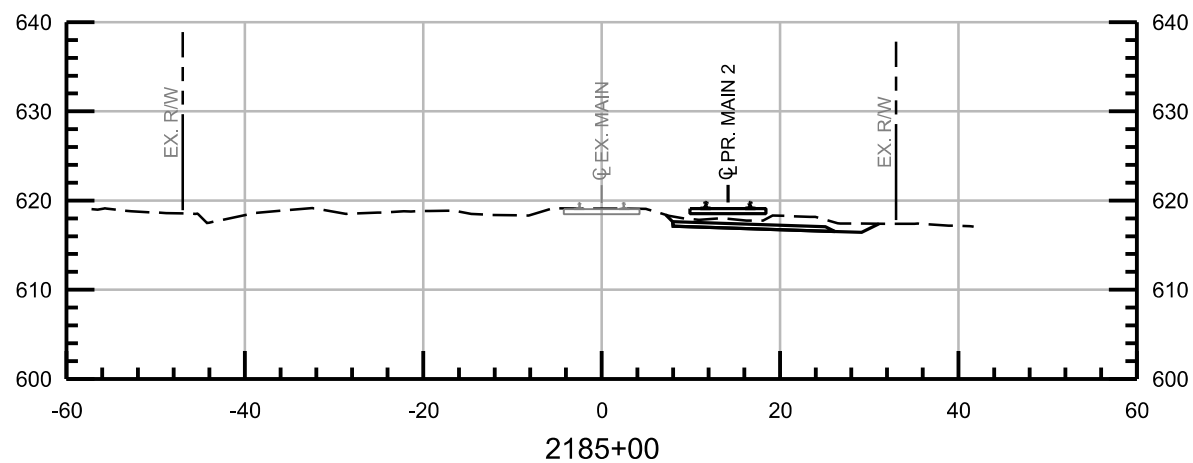
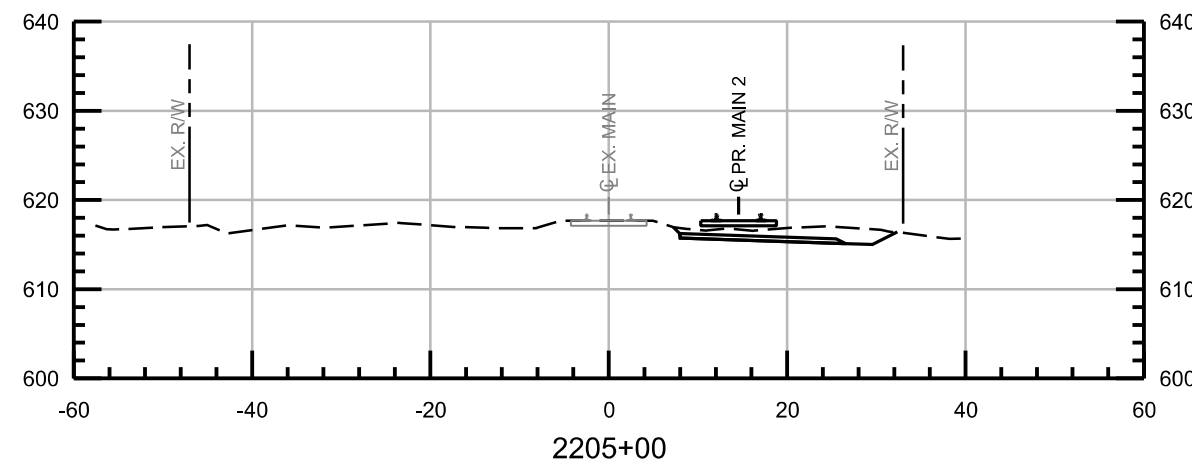
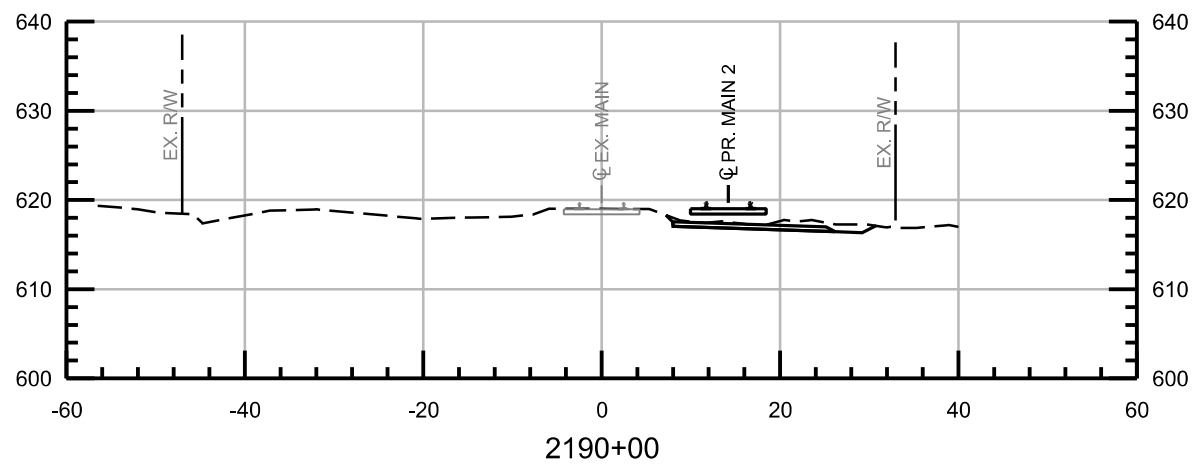


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET 160 OF 193
CROSS SECTIONS STA 2150+00 TO STA 2175+00		
FILENAME	NICTD_R_ML01_XS-0	SCALE AS NOTED
SCALE	AS NOTED	



NOT FOR CONSTRUCTION SERIES RXS-014 OF RXS-046

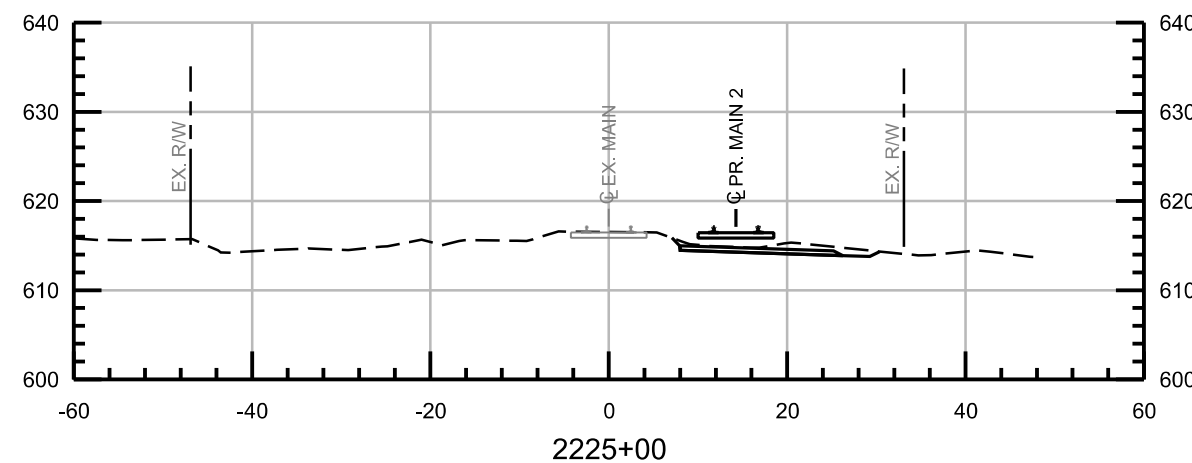
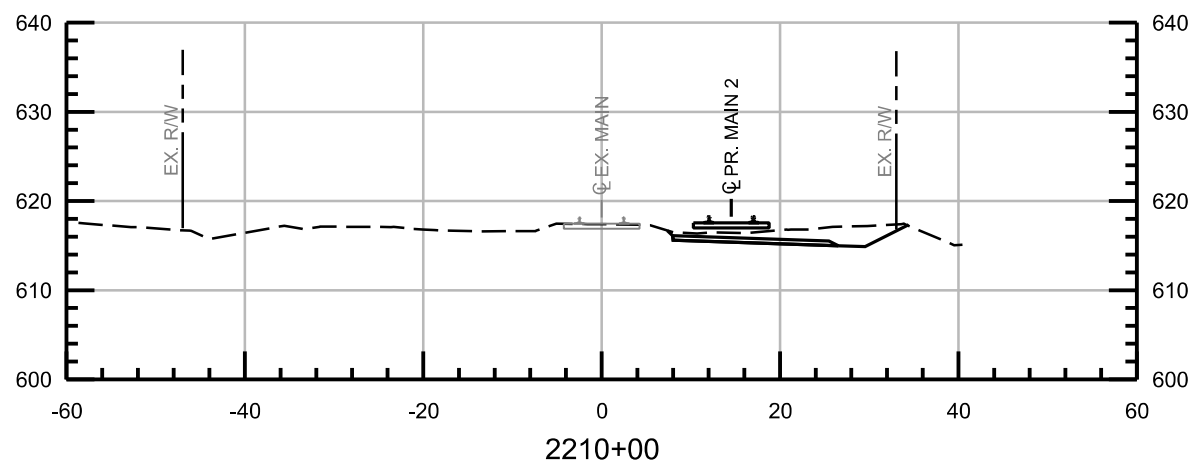
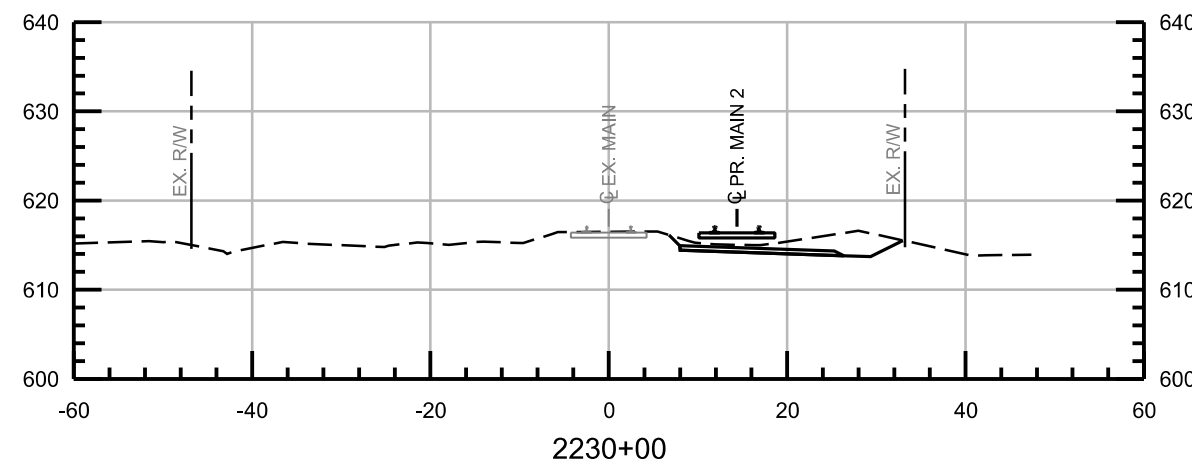
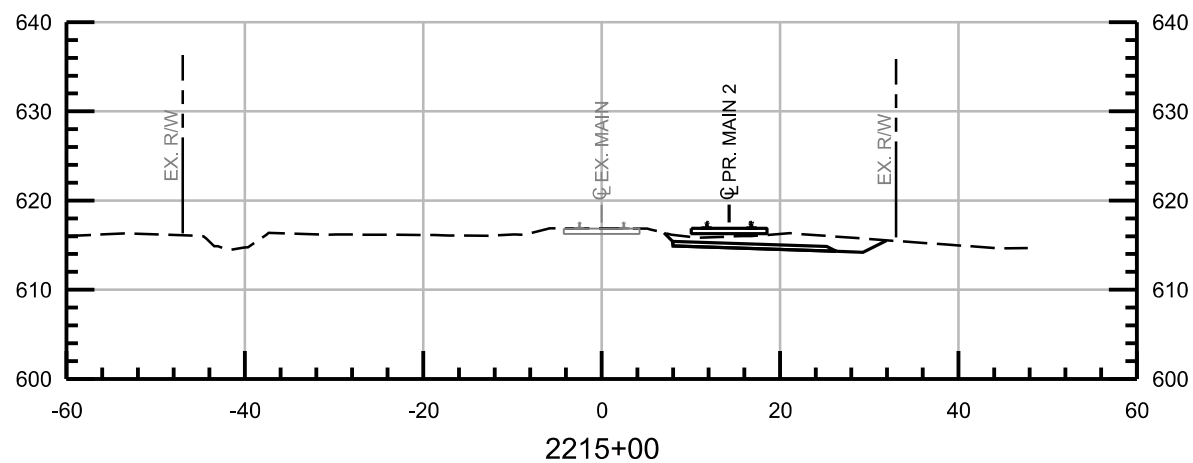
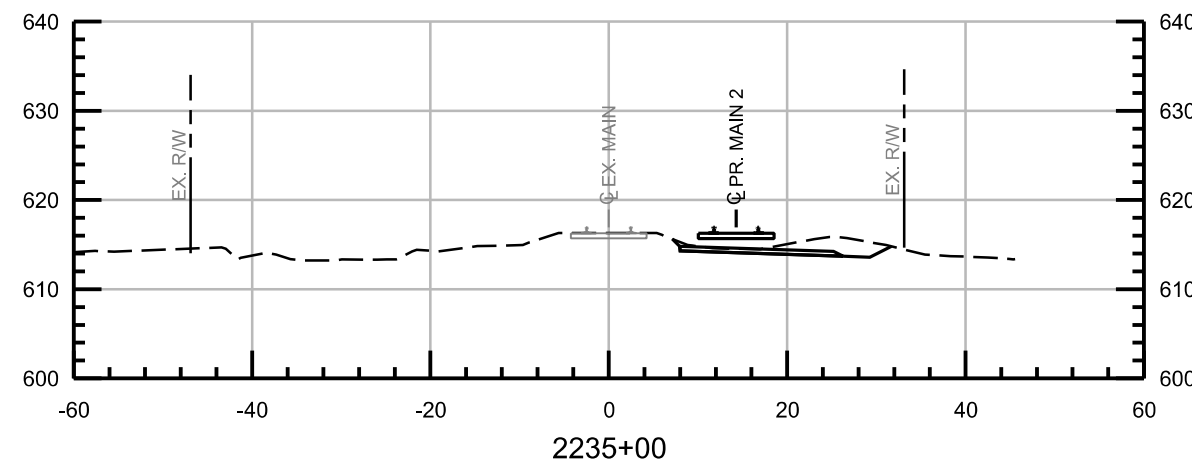
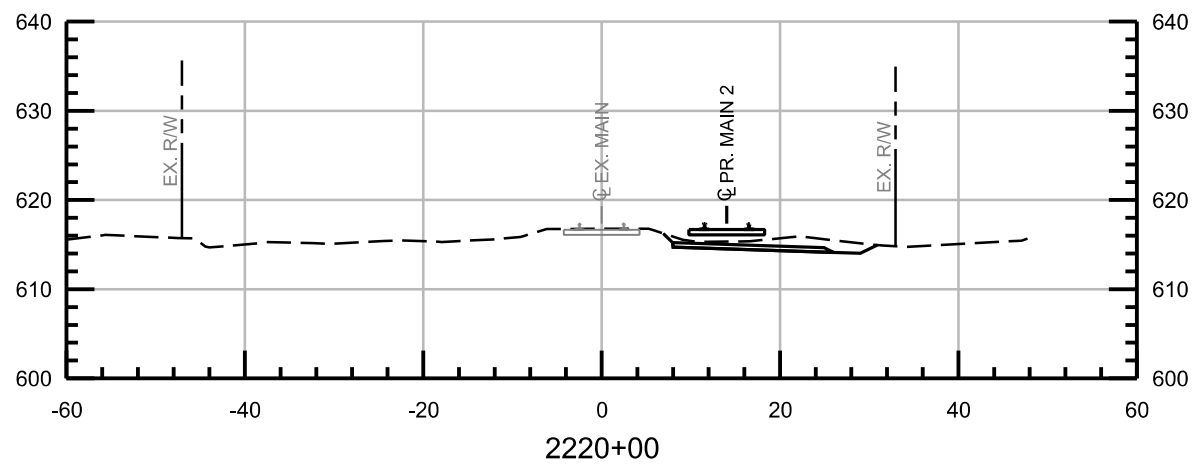


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET 161 OF 193
CROSS SECTIONS STA 2180+00 TO STA 2205+00		
FILENAME	NICTD_R_ML01_XS-0	SCALE AS NOTED
SCALE	AS NOTED	



NOT FOR CONSTRUCTION SERIES RXS-015 OF RXS-046

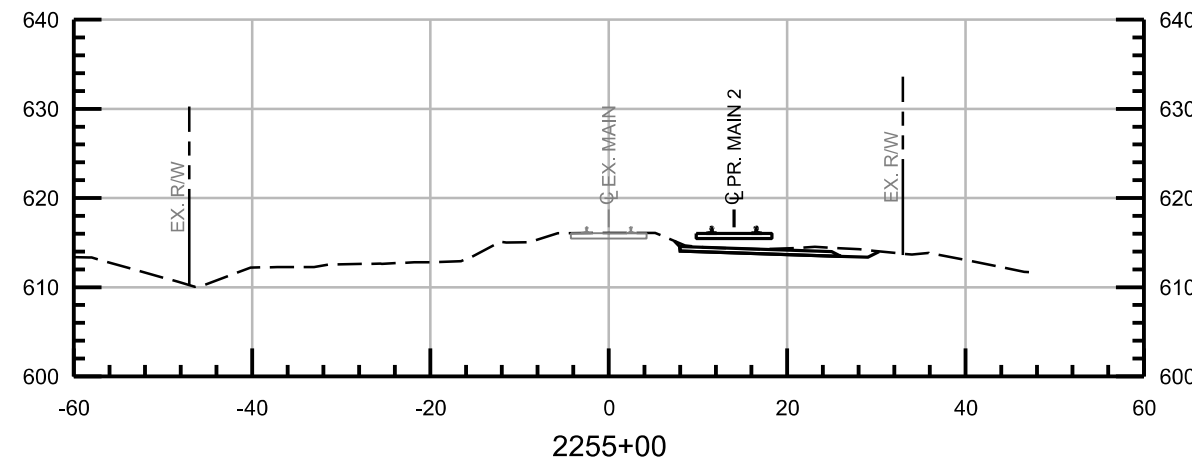
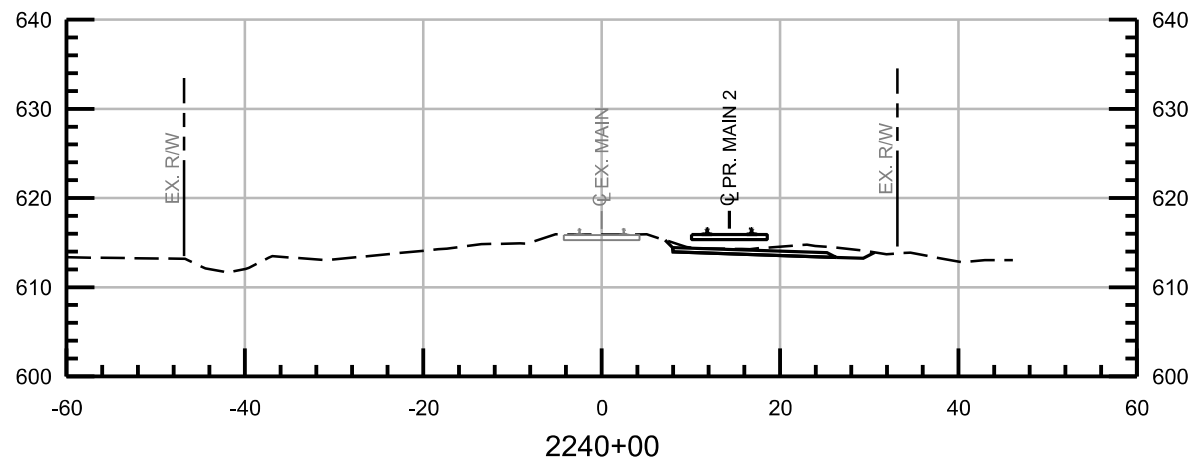
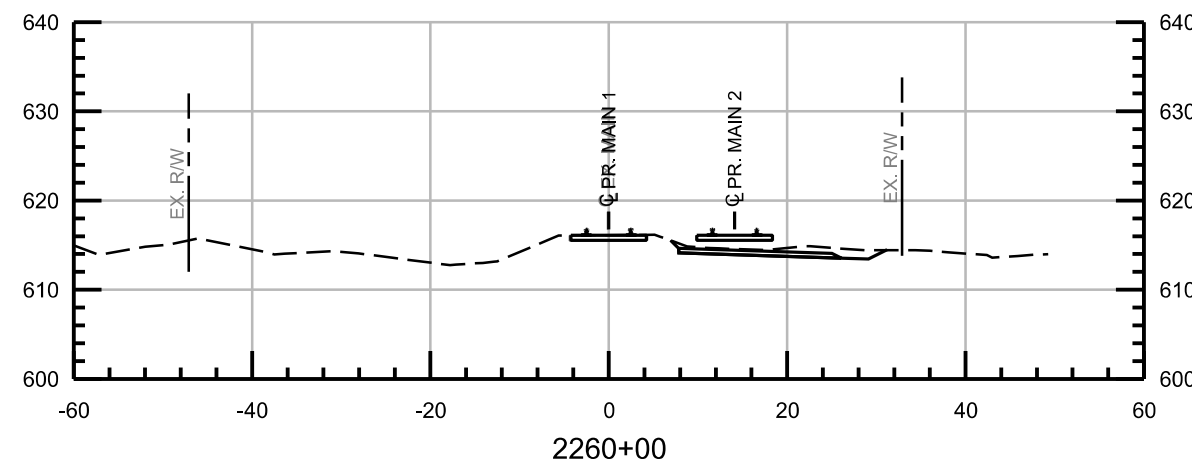
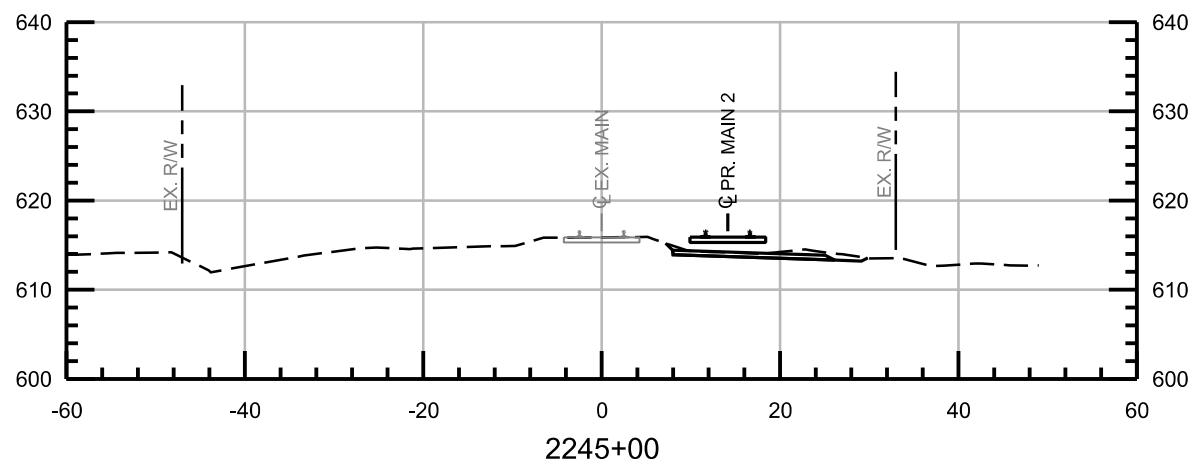
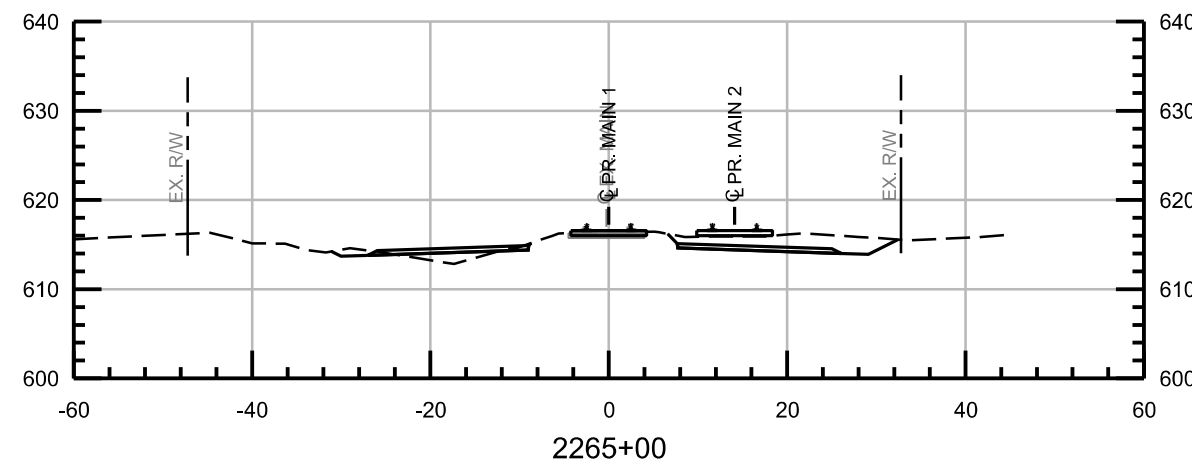
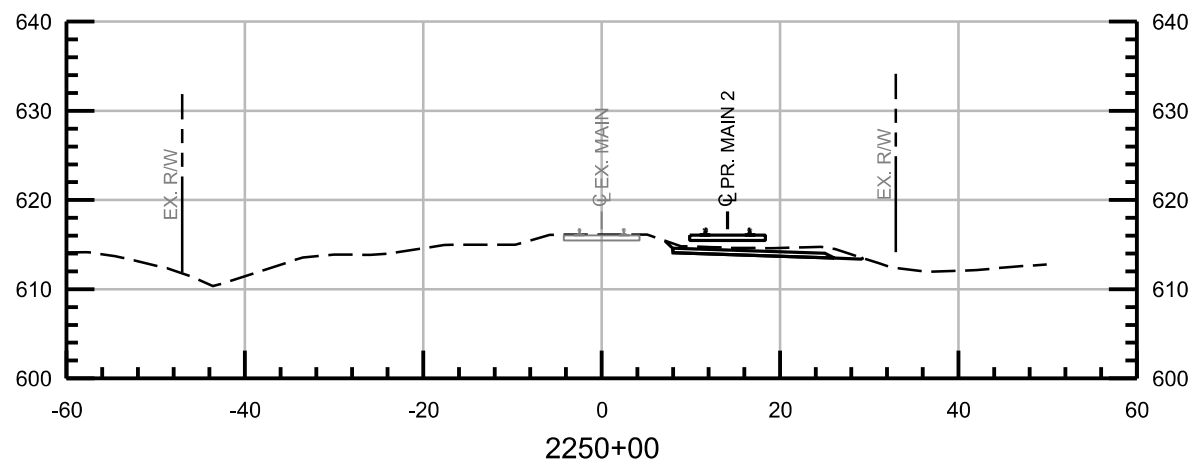


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI	
CROSS SECTIONS STA 2210+00 TO STA 2235+00	
FILENAME	NICTD_R_ML01_XS-0
SCALE	AS NOTED
SHEET	162 OF 193



NOT FOR CONSTRUCTION SERIES RXS-016 OF RXS-046



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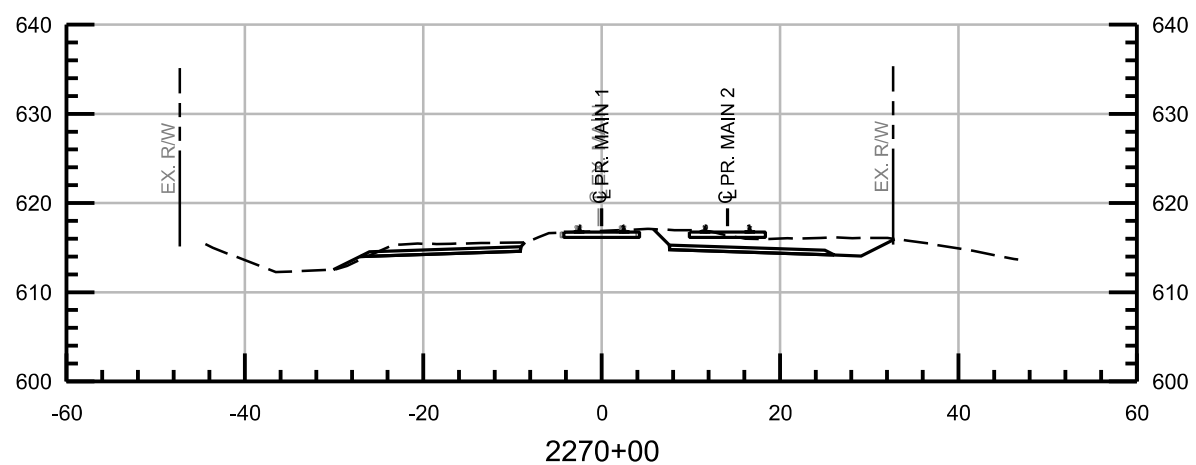
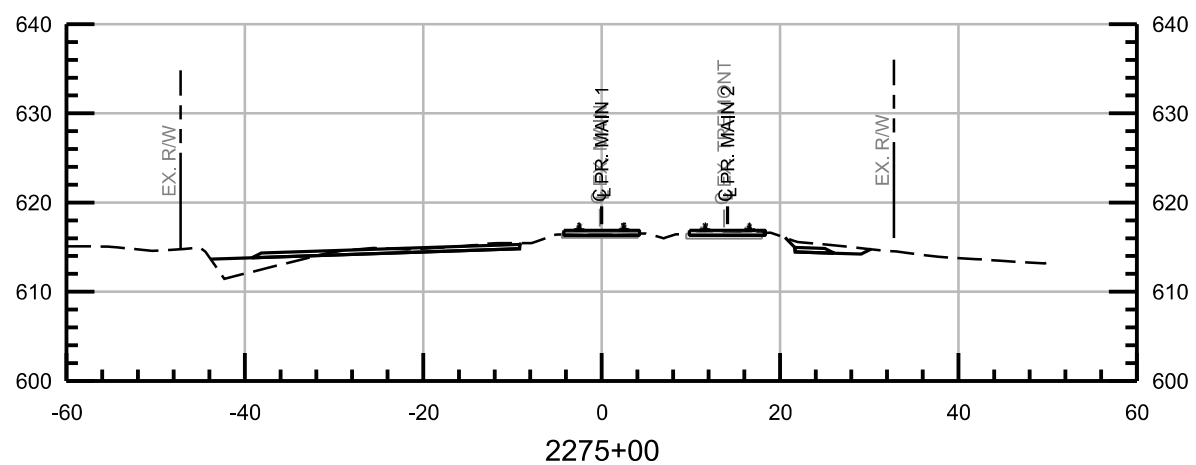
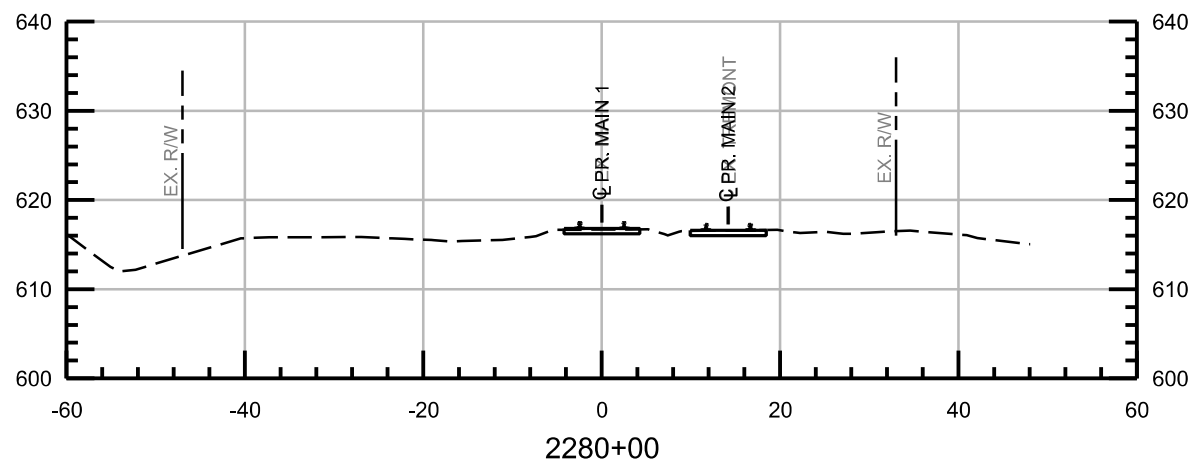
NORTHERN INDIANA COMMUTER
TRANSPORTATION DISTRICT
33 East Highway 12
Chesterton, Indiana 46304



Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI	
CROSS SECTIONS STA 2240+00 TO STA 2265+00	
FILENAME	NICTD_R_ML01_XS-0
SCALE	AS NOTED
SHEET	163 OF 193



NOT FOR CONSTRUCTION SERIES RXS-017 OF RXS-046

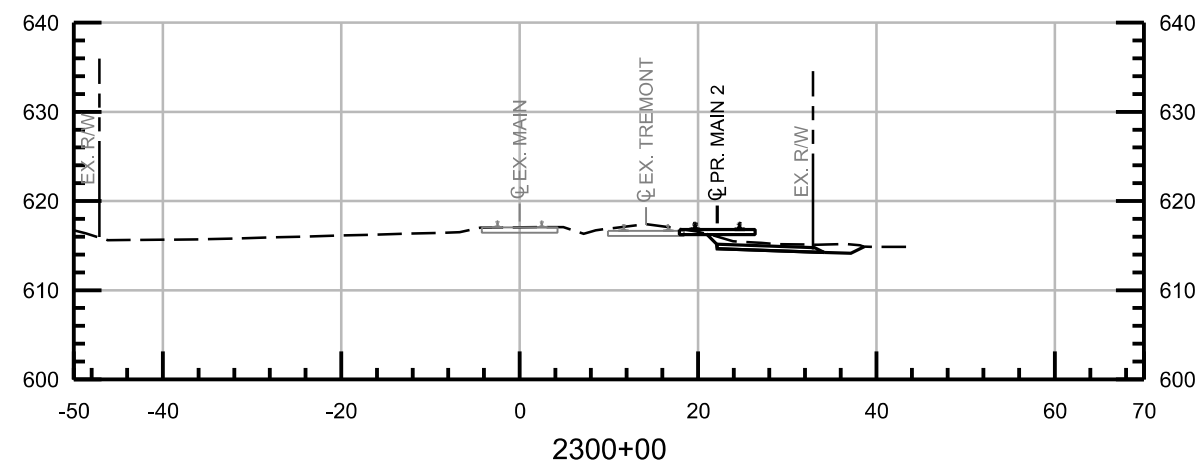
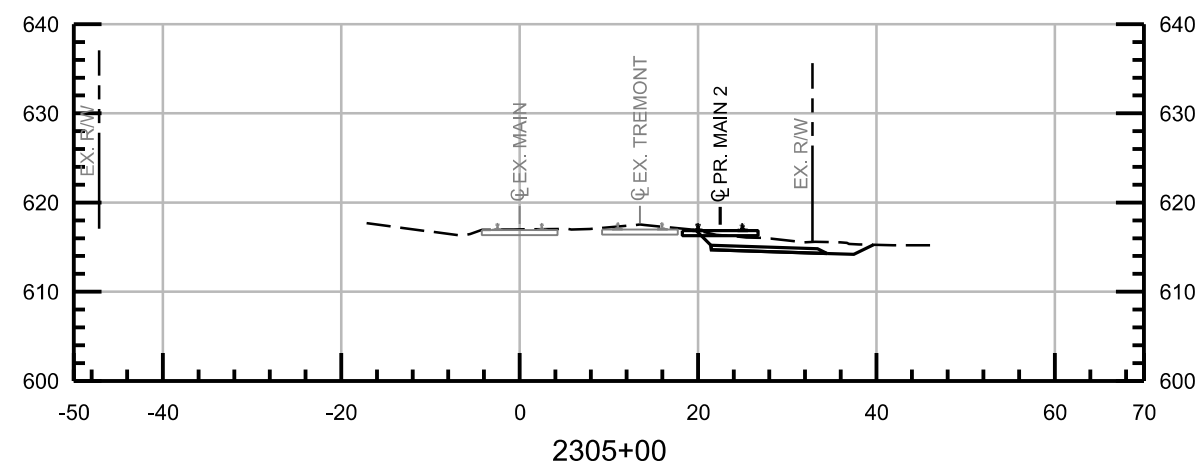
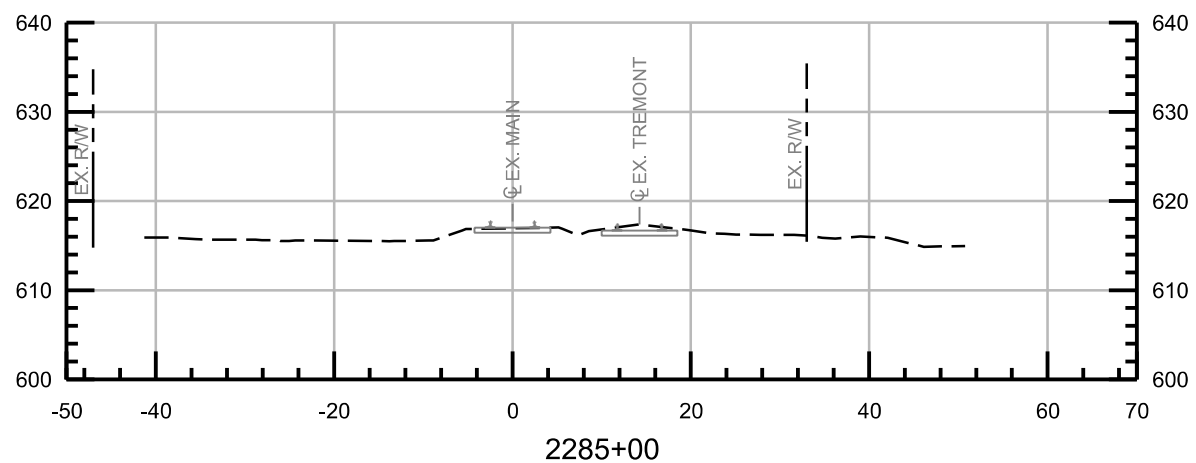
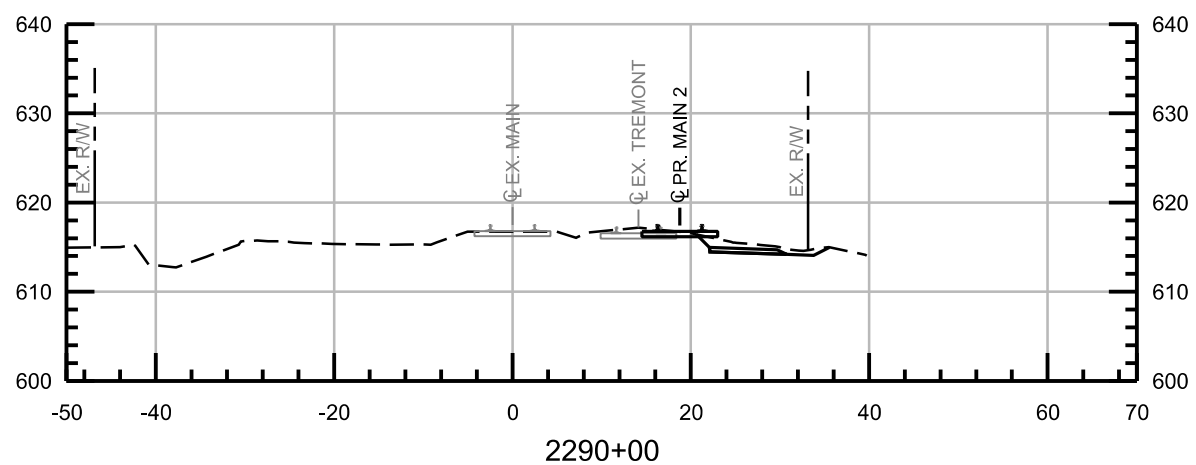
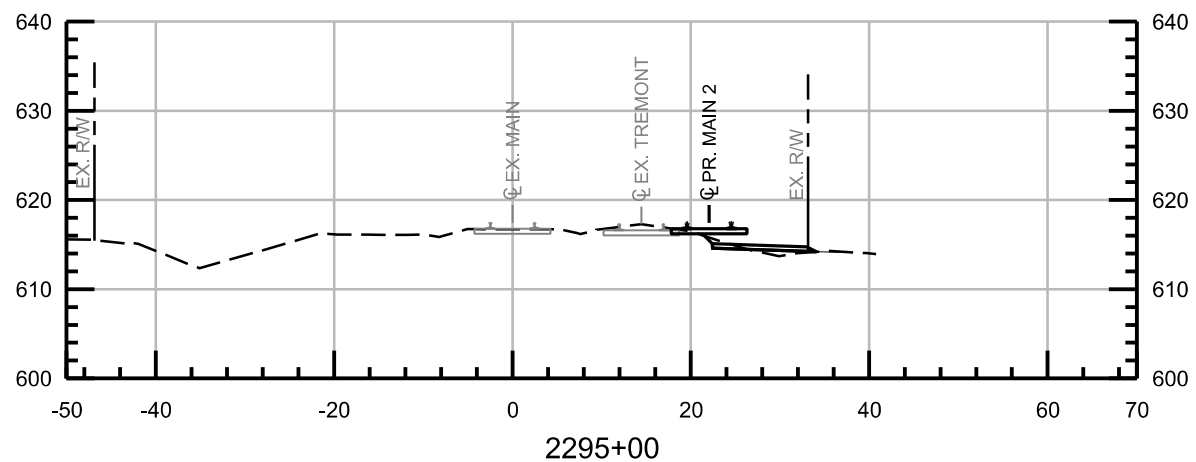


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET
CROSS SECTIONS STA 2270+00 TO STA 2280+00		
FILENAME	NICTD_R_ML01_XS-0	164 OF 193
SCALE	AS NOTED	



NOT FOR CONSTRUCTION SERIES RXS-018 OF RXS-046



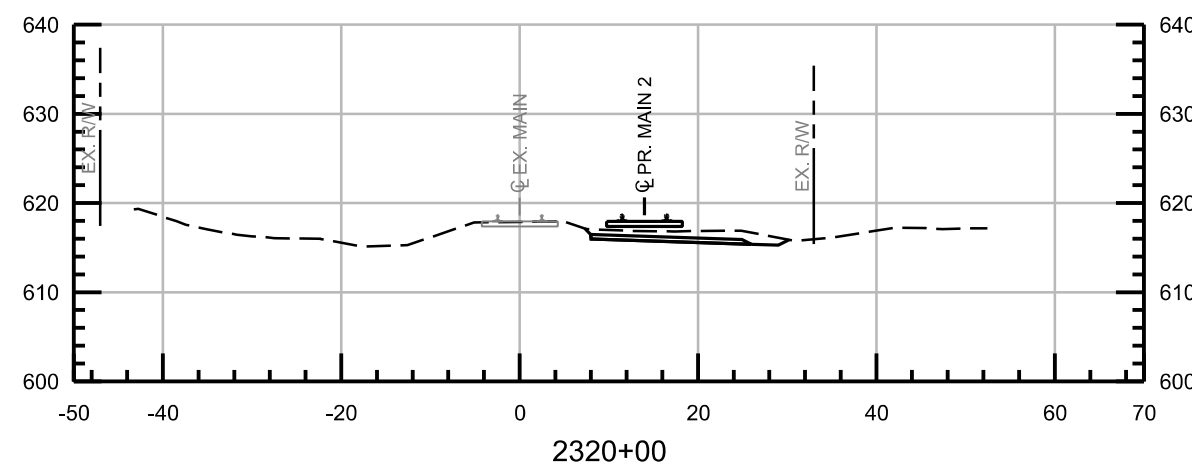
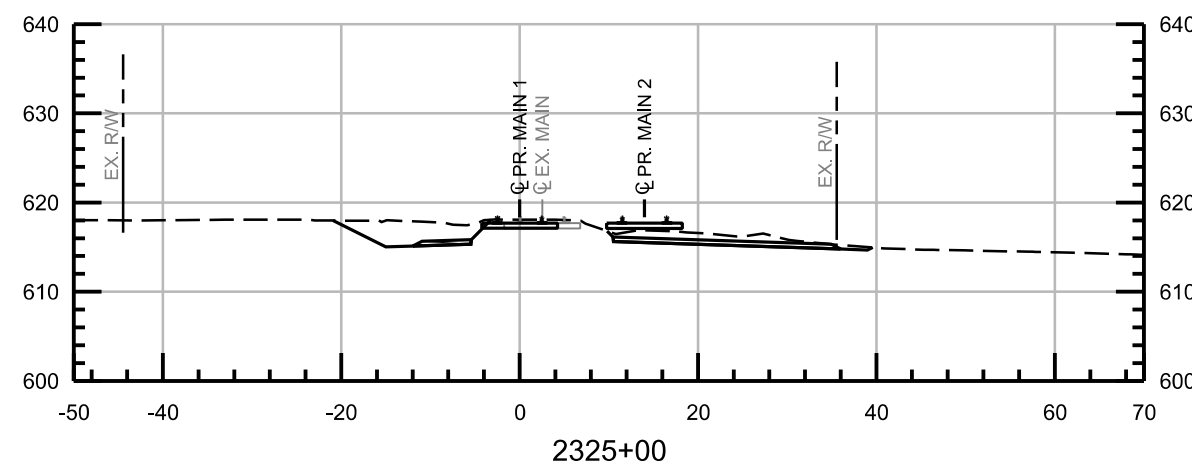
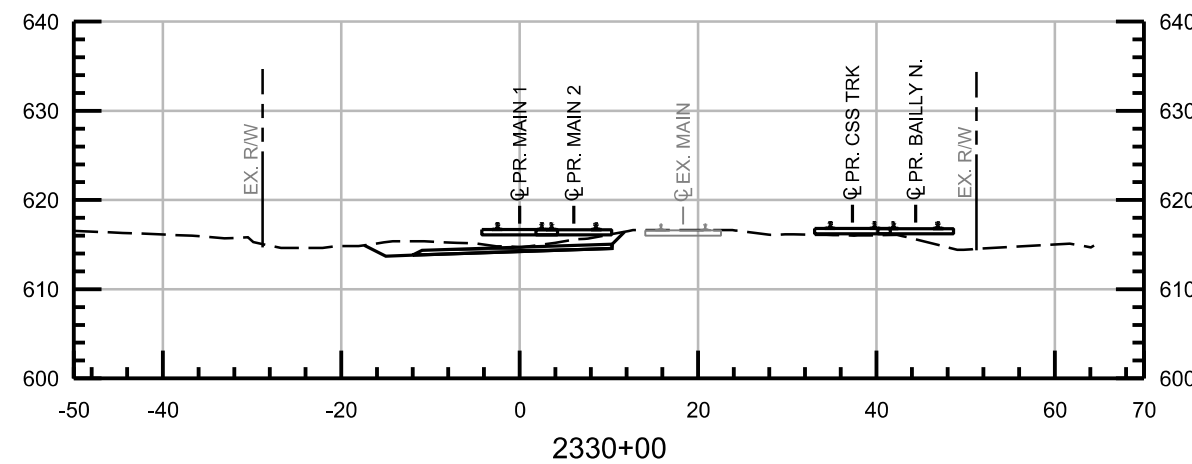
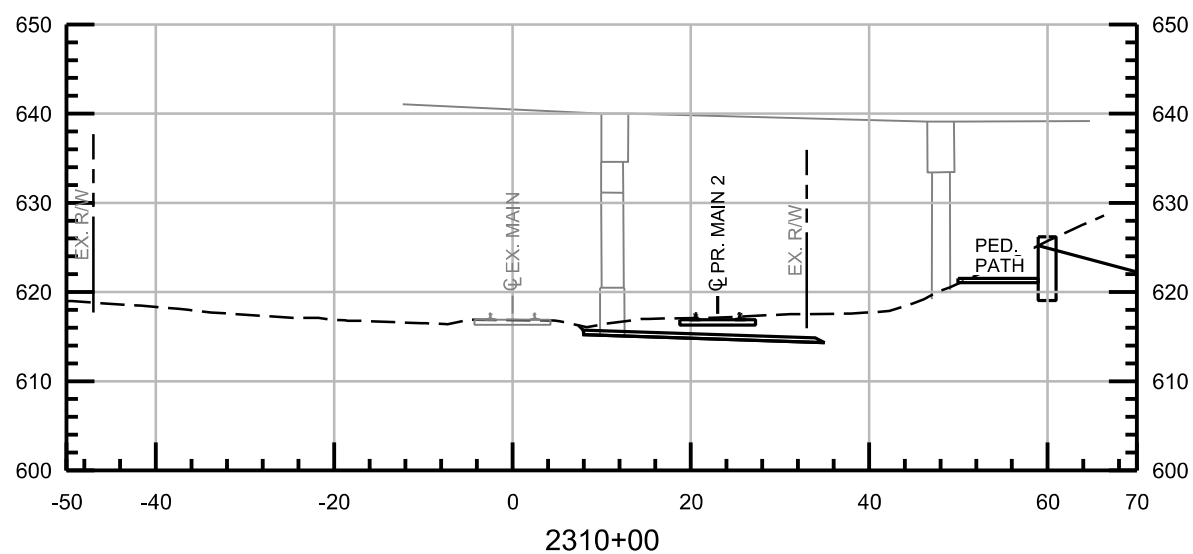
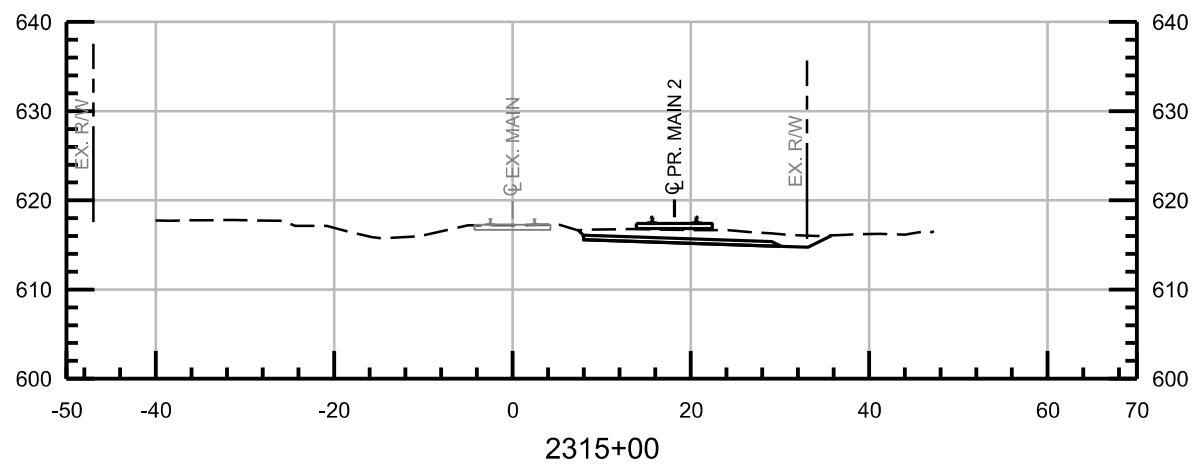
HDR Engineering, Inc.
8550 W Bryn Mawr Ave., Suite 900
Chicago, IL 60631
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ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET 165 OF 193
CROSS SECTIONS STA 2285+00 TO STA 2305+00		
FILENAME	NICTD_R_ML01_XS-0	SCALE AS NOTED
SCALE	AS NOTED	



NOT FOR CONSTRUCTION SERIES \$RXSG-19\$ OF RXS-046



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ISSUE	DATE	DESCRIPTION
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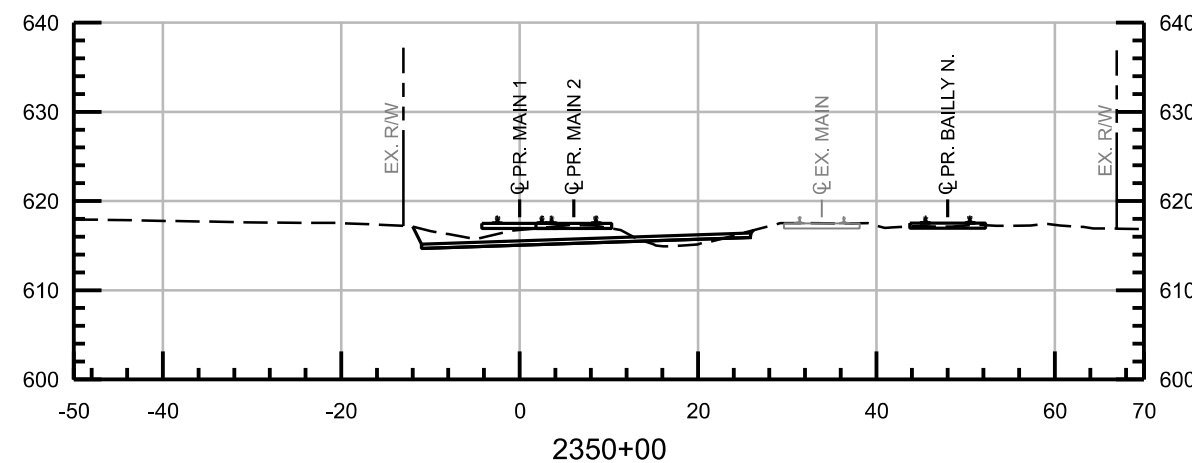
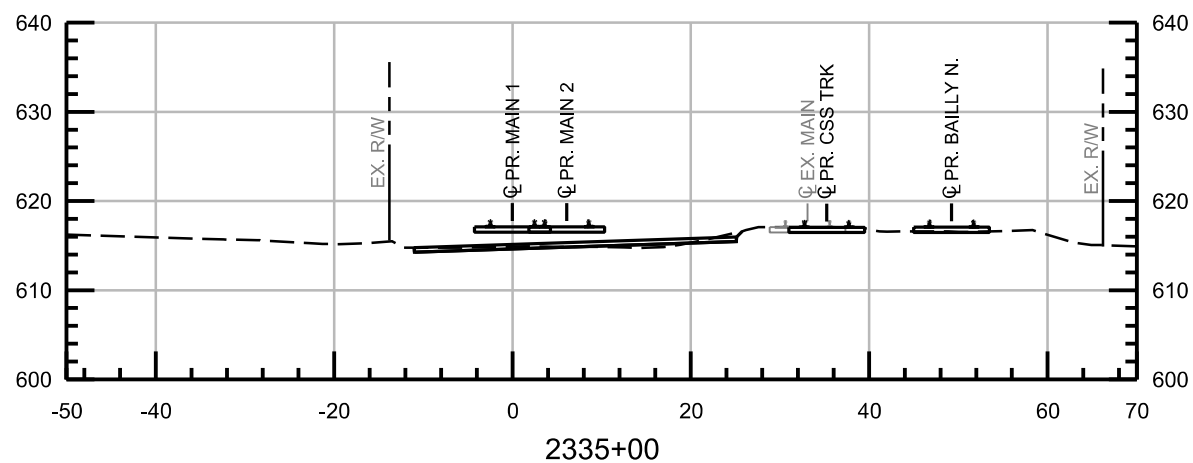
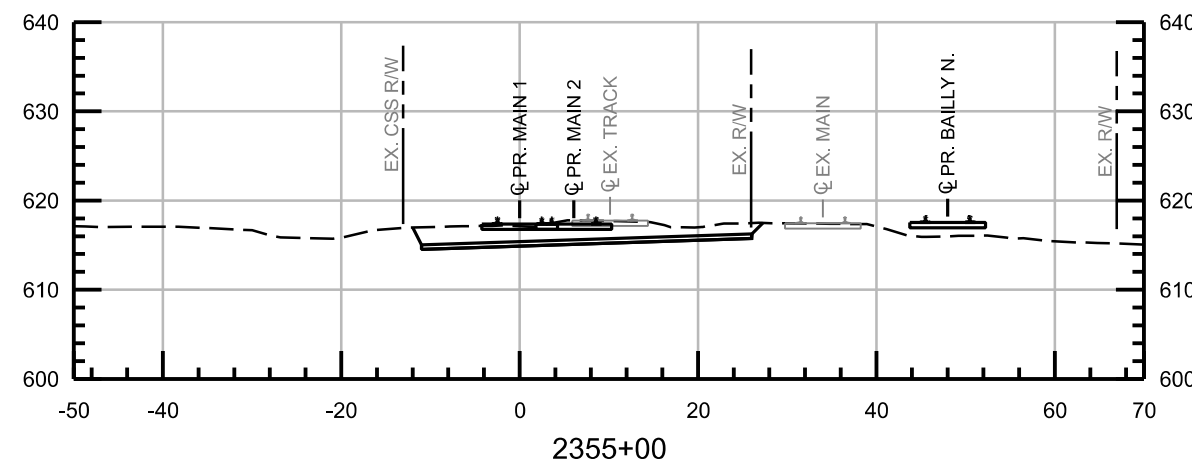
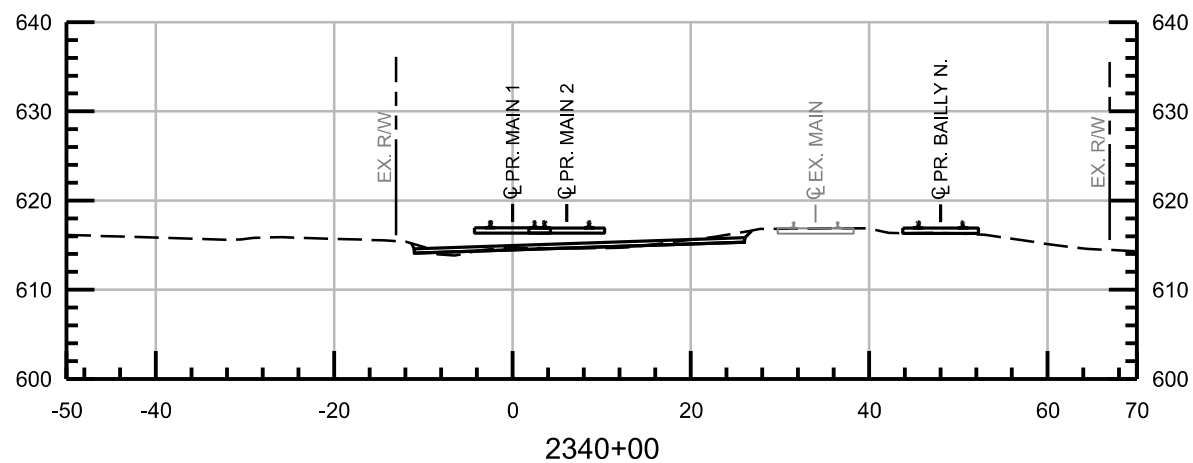
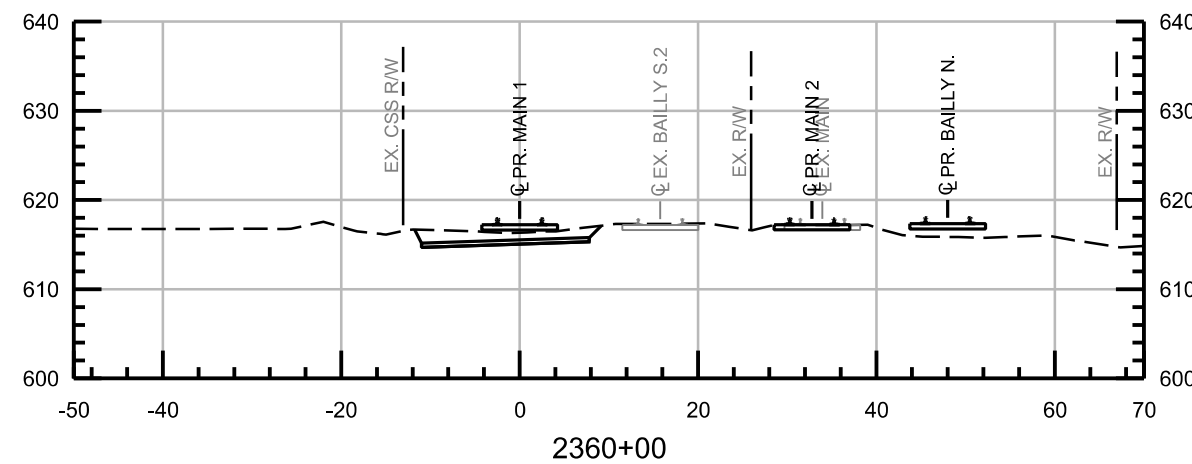
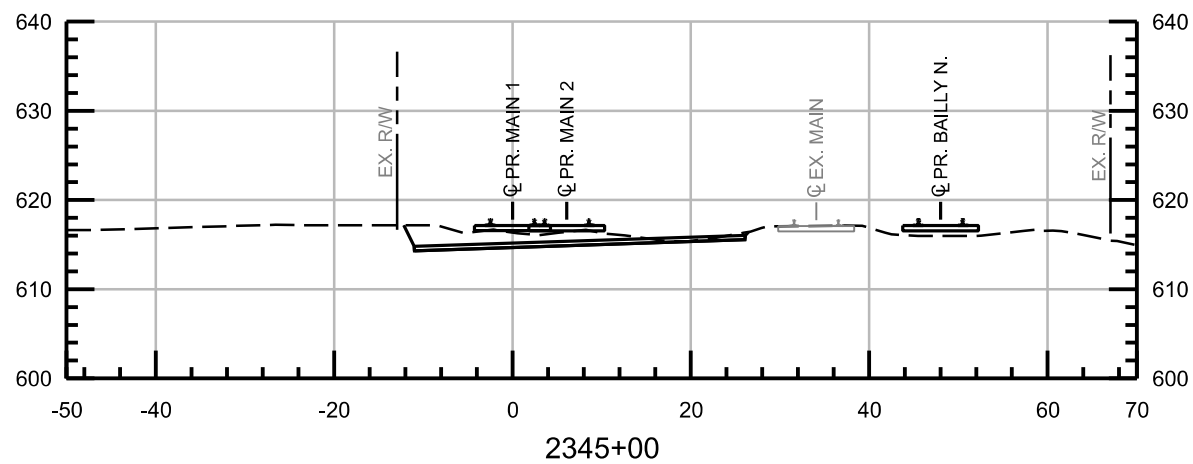
NORTHERN INDIANA COMMUTER
TRANSPORTATION DISTRICT
33 East Highway 12
Chesterton, Indiana 46304



Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI	
CROSS SECTIONS STA 2310+00 TO STA 2330+00	
FILENAME	NICTD_R_ML01_XS-0
SCALE	AS NOTED
SHEET	166 OF 193



NOT FOR CONSTRUCTION SERIES RXS-020 OF RXS-046

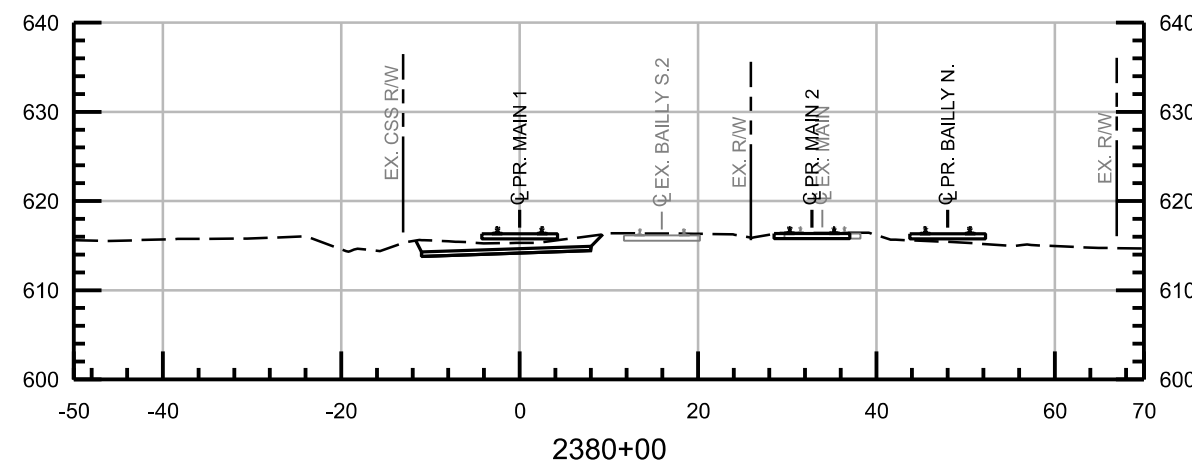
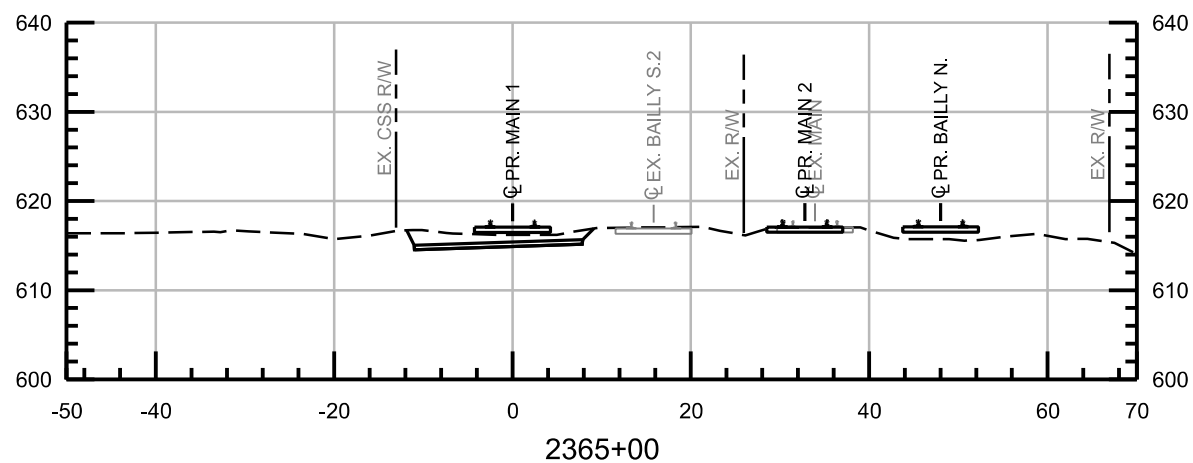
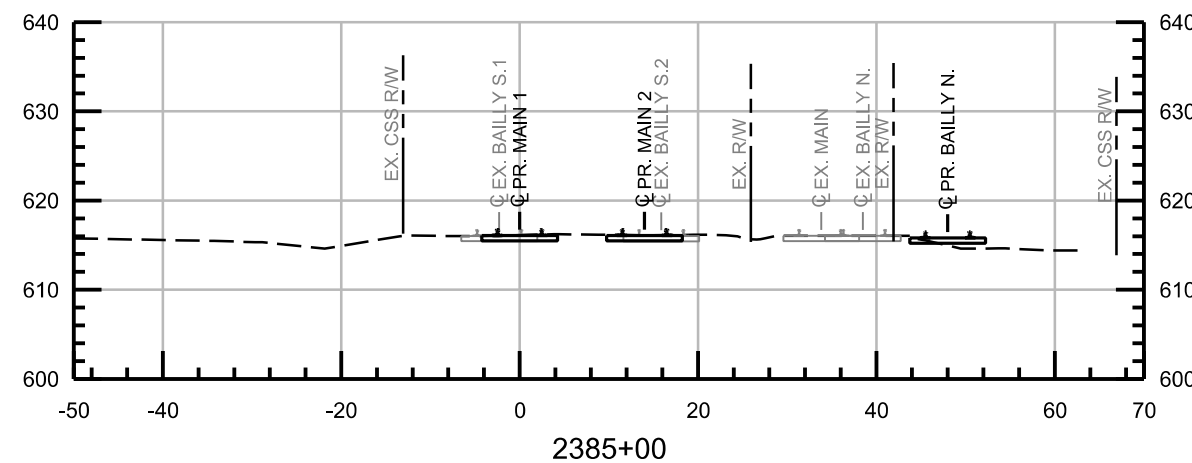
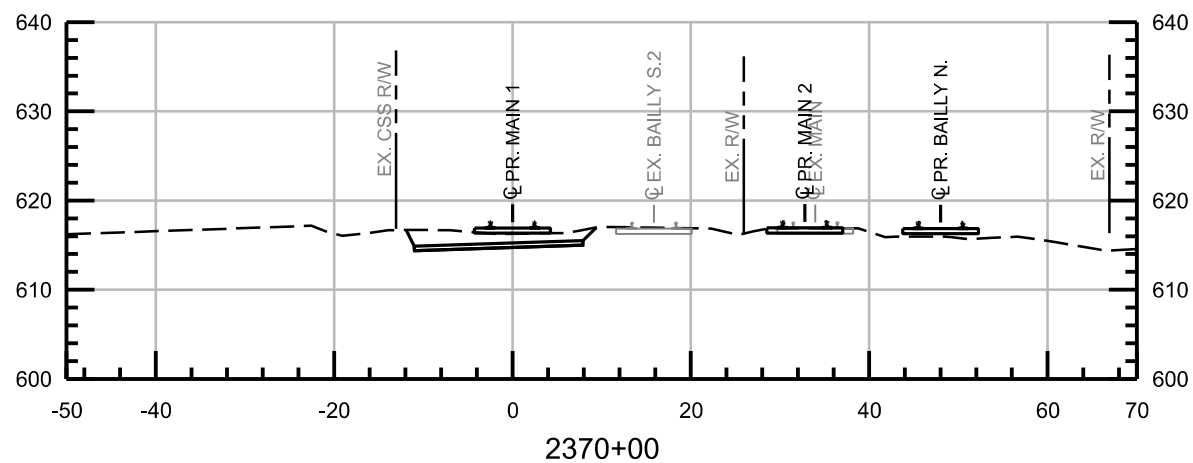
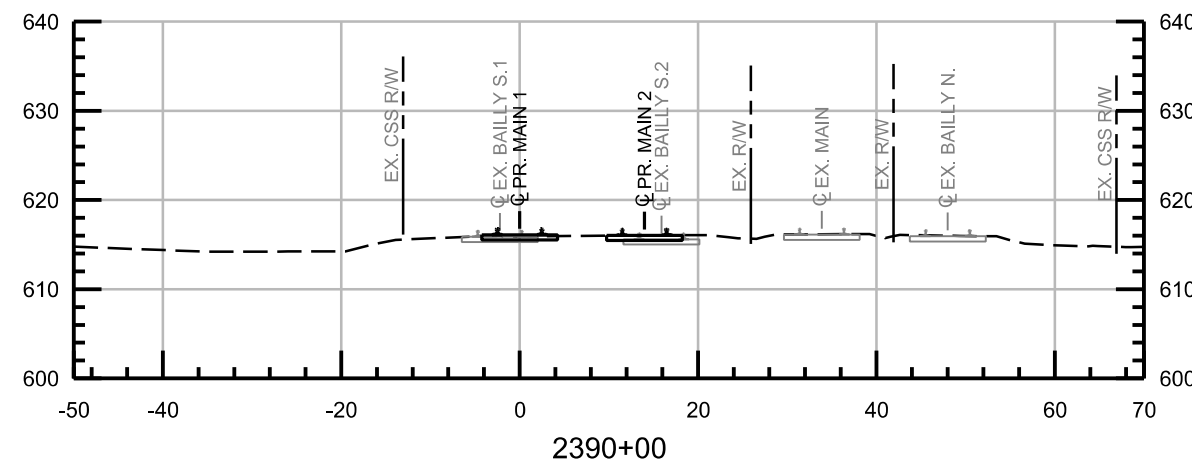
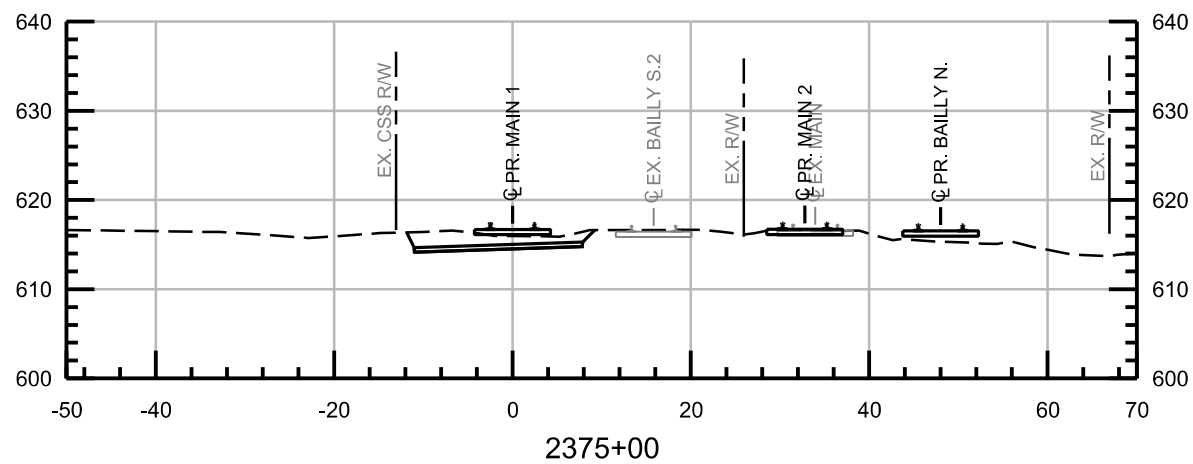


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI	
CROSS SECTIONS STA 2335+00 TO STA 2360+00	
FILENAME	NICTD_R_ML01_XS-0
SCALE	AS NOTED
SHEET	167 OF 193



NOT FOR CONSTRUCTION SERIES RXS-021 OF RXS-046

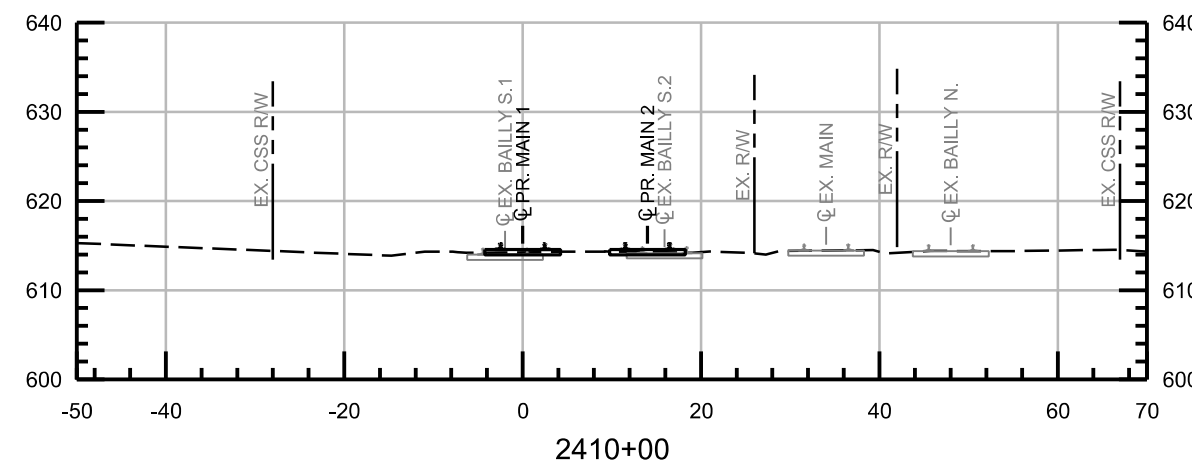
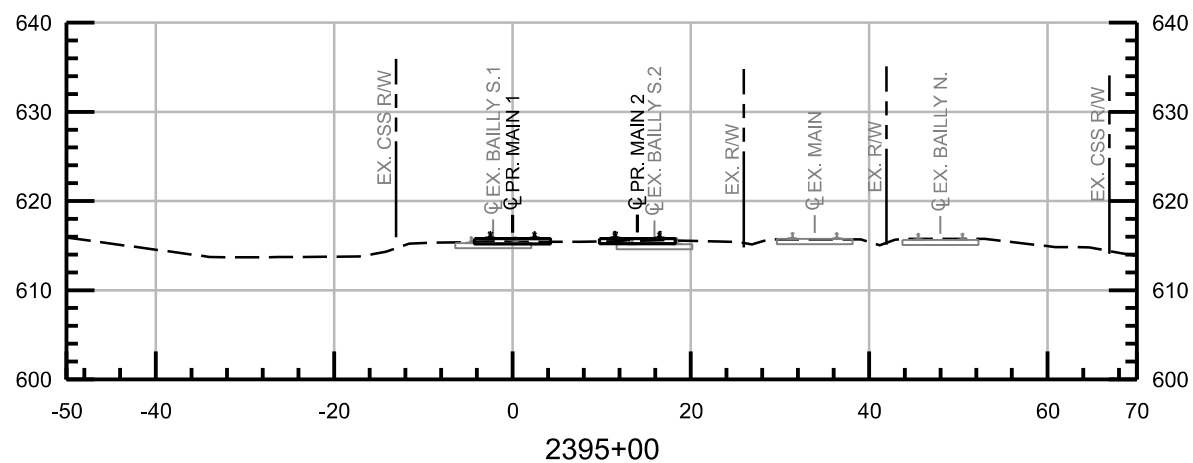
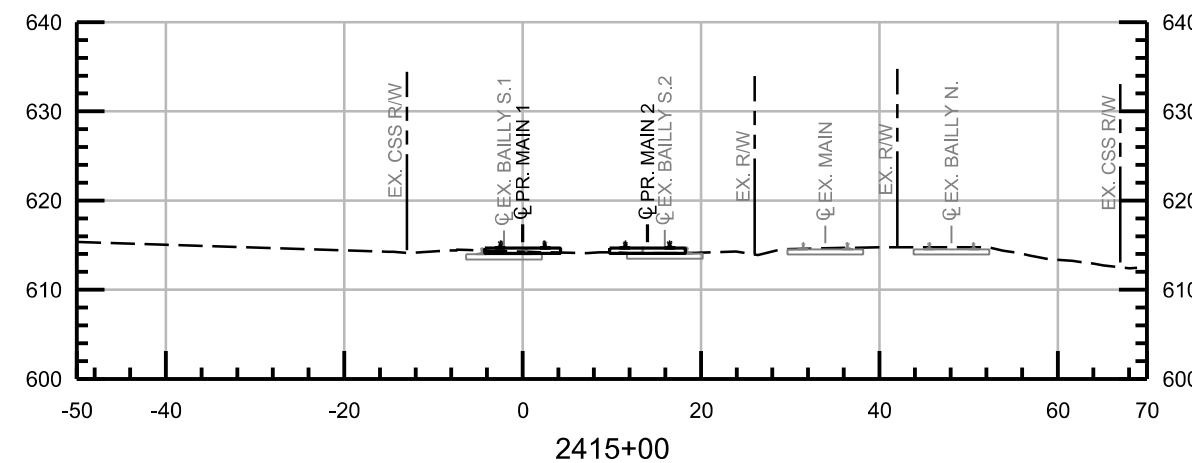
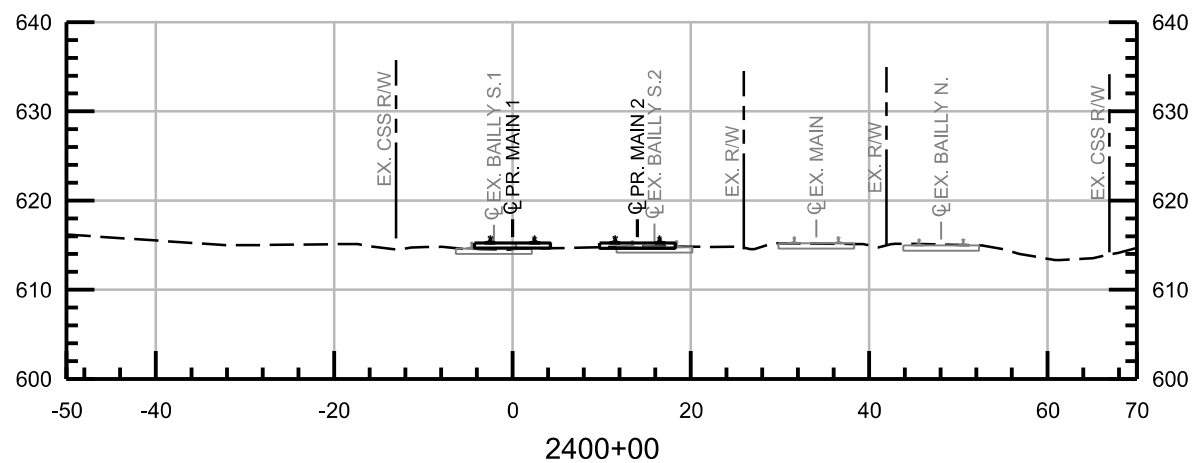
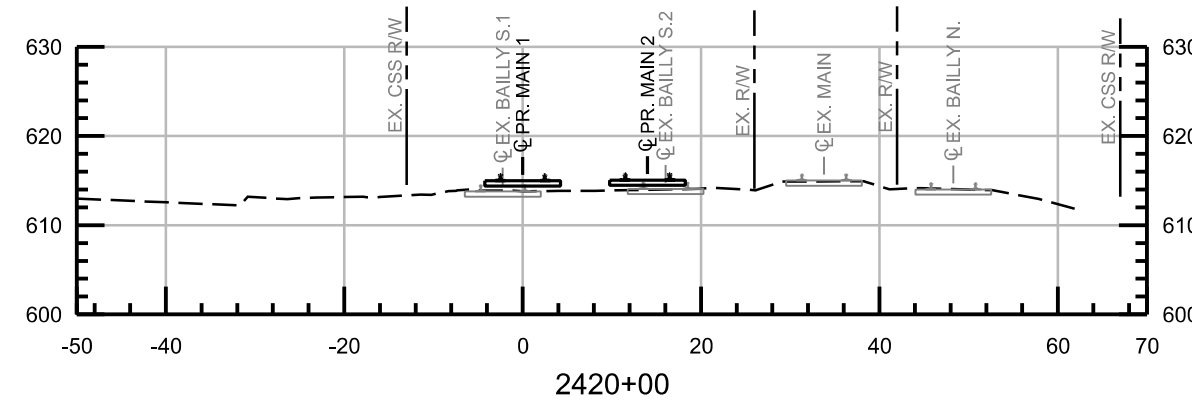
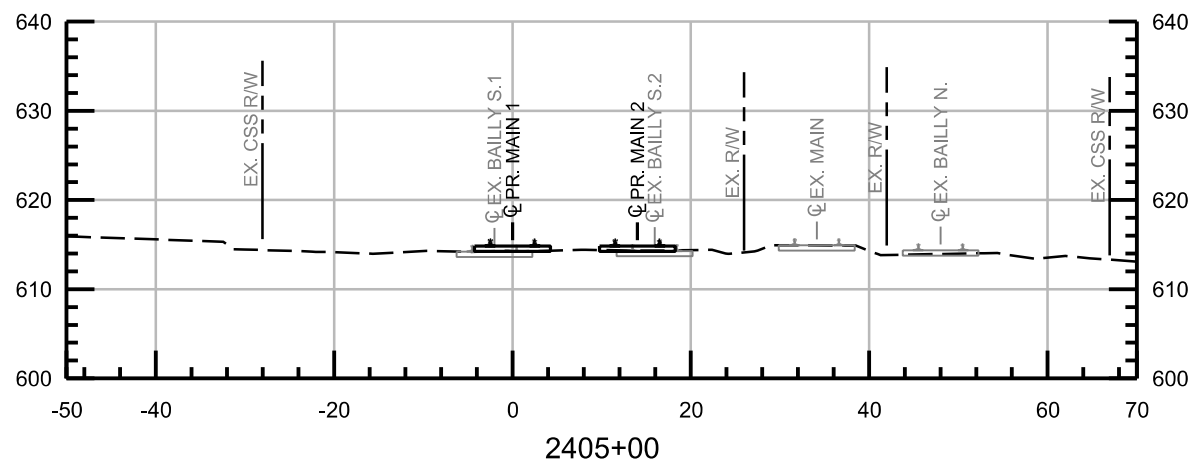


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET 168 OF 193
CROSS SECTIONS STA 2365+00 TO STA 2390+00		
FILENAME	NICTD_R_ML01_XS-0	SCALE AS NOTED
SCALE	AS NOTED	



NOT FOR CONSTRUCTION SERIES RXS-022 OF RXS-046

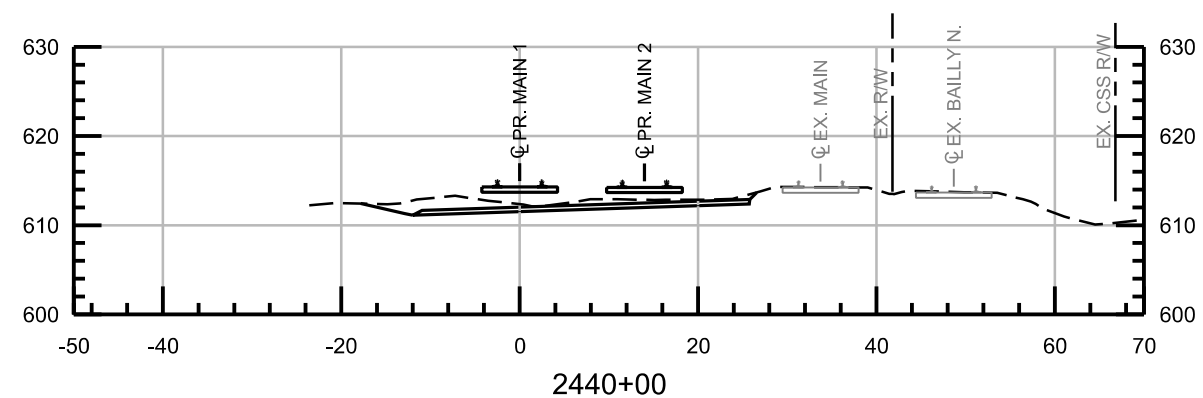
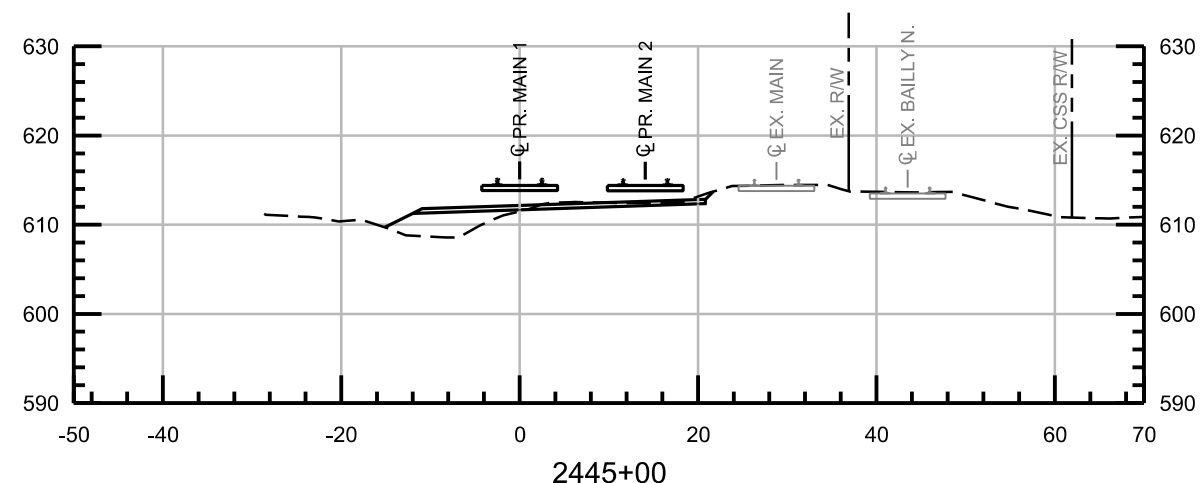
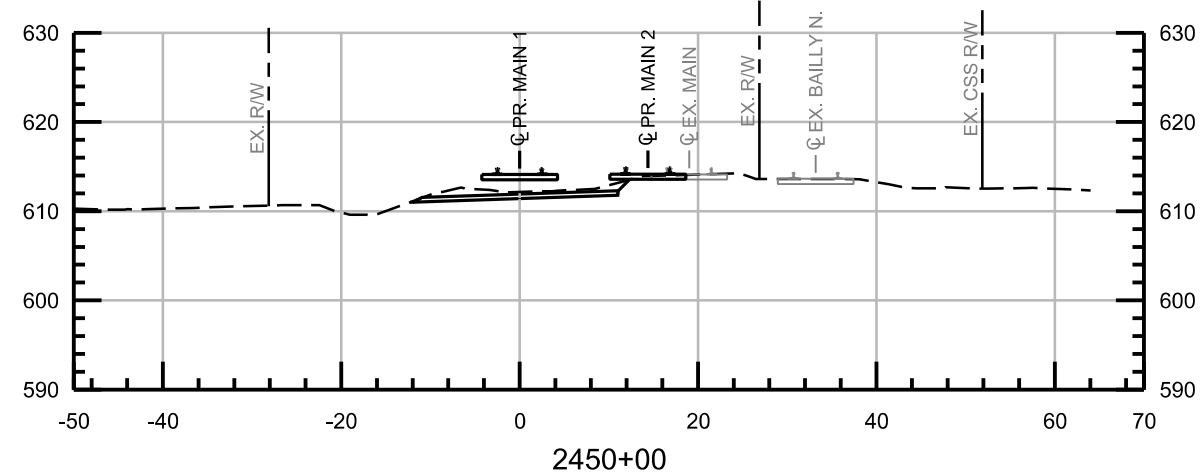
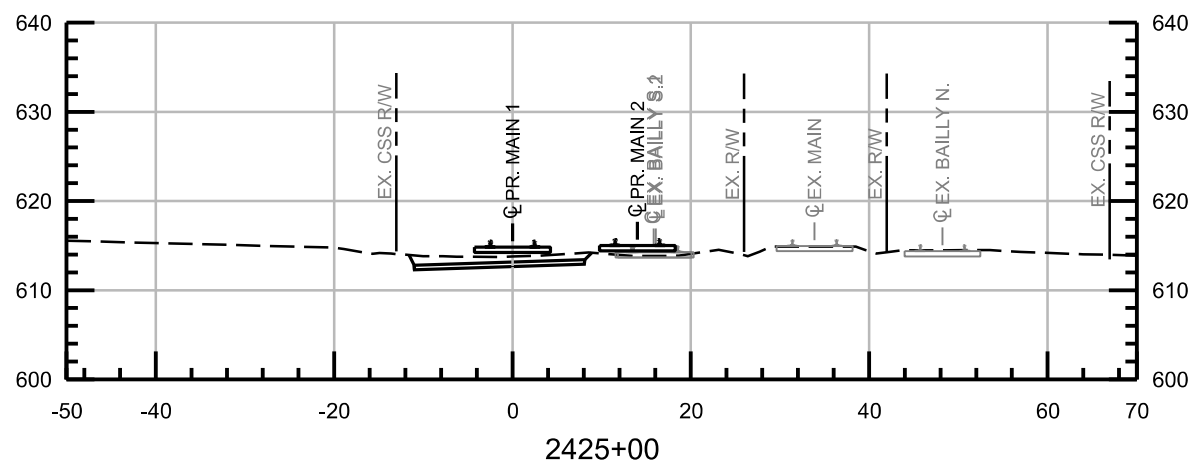
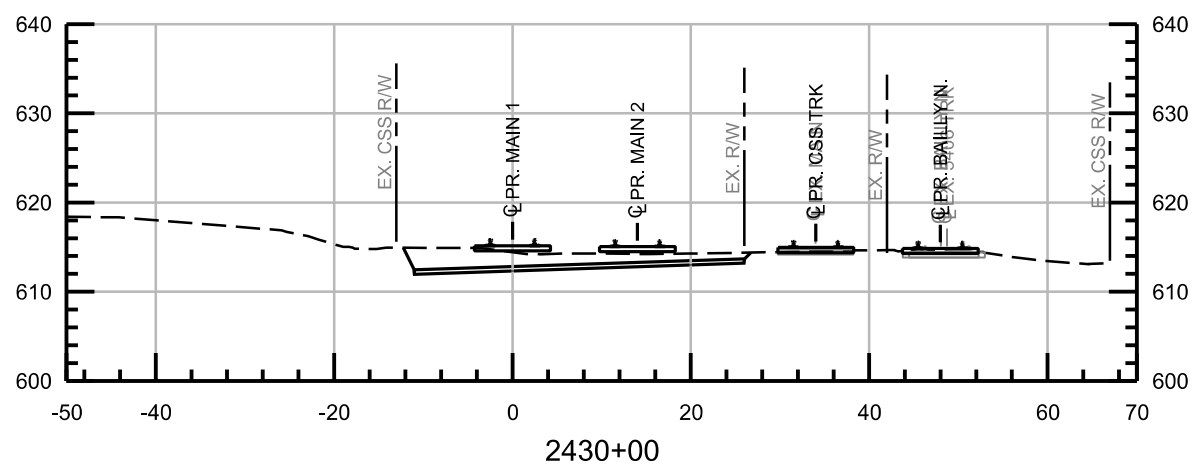
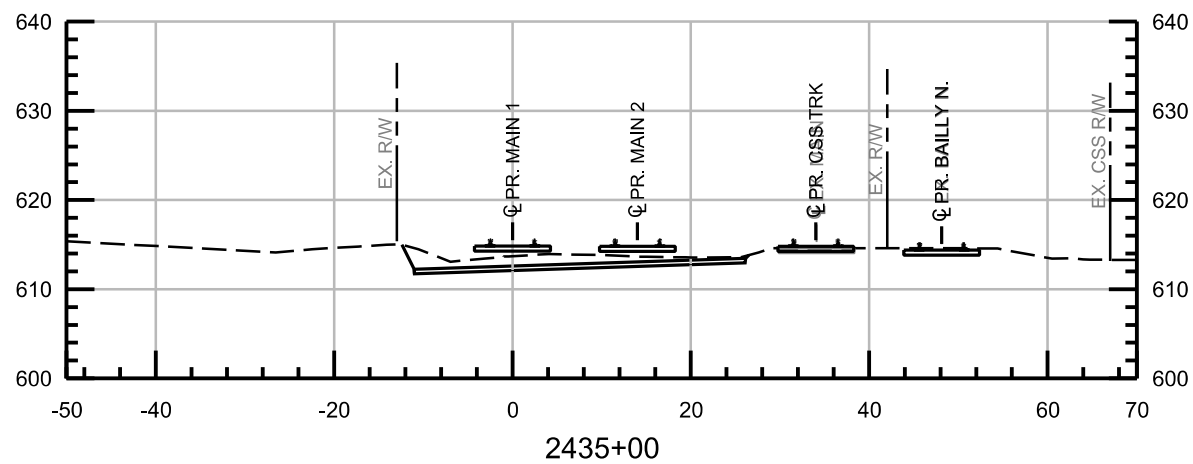


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET 169 OF 193
CROSS SECTIONS STA 2395+00 TO STA 2420+00		
FILENAME	NICTD_R_ML01_XS-0	SCALE AS NOTED
SCALE	AS NOTED	



NOT FOR CONSTRUCTION SERIES RXS-023 OF RXS-046



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ISSUE	DATE	DESCRIPTION
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NORTHERN INDIANA COMMUTER
TRANSPORTATION DISTRICT
33 East Highway 12
Chesterton, Indiana 46304



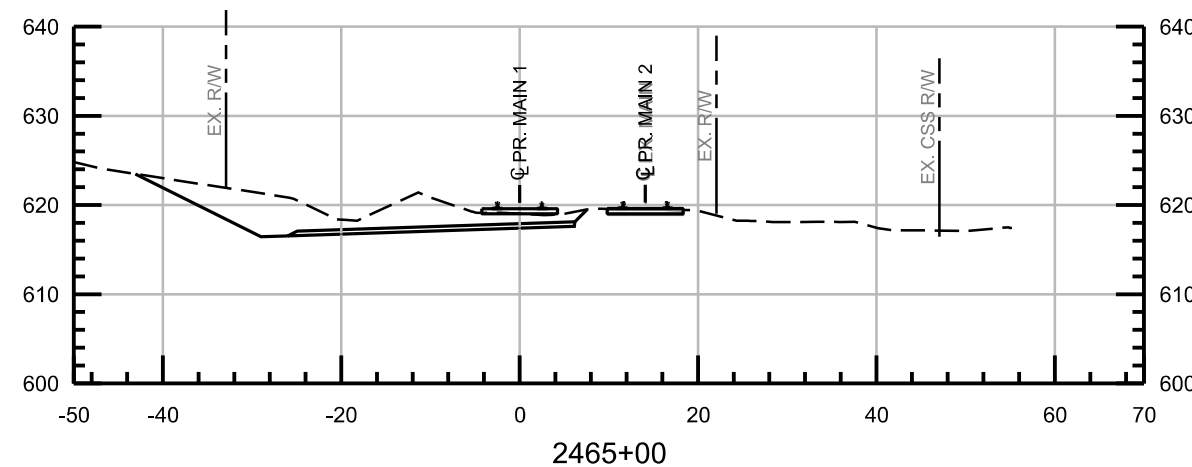
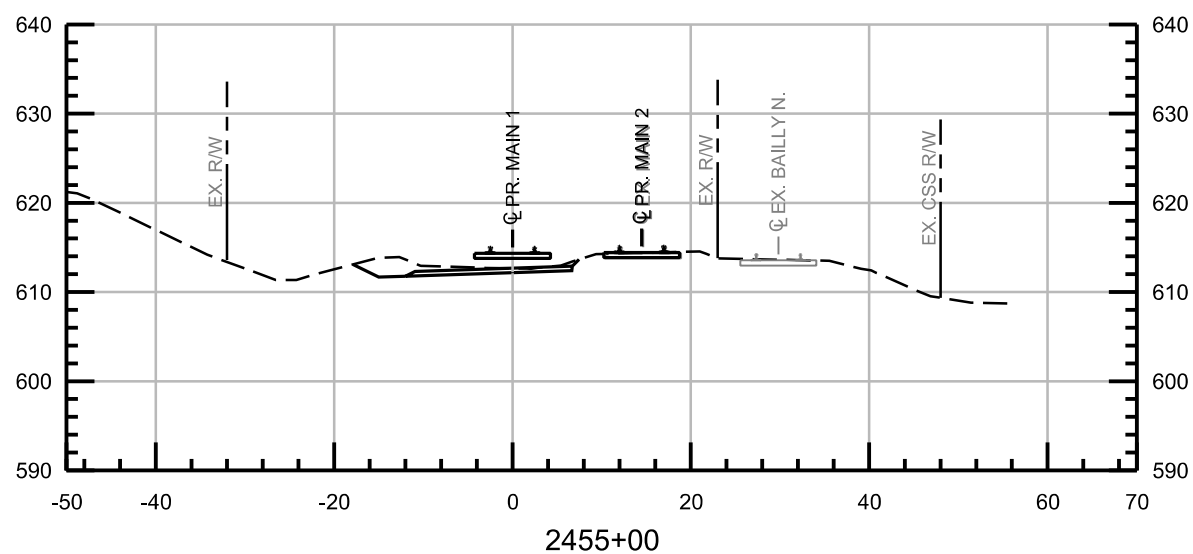
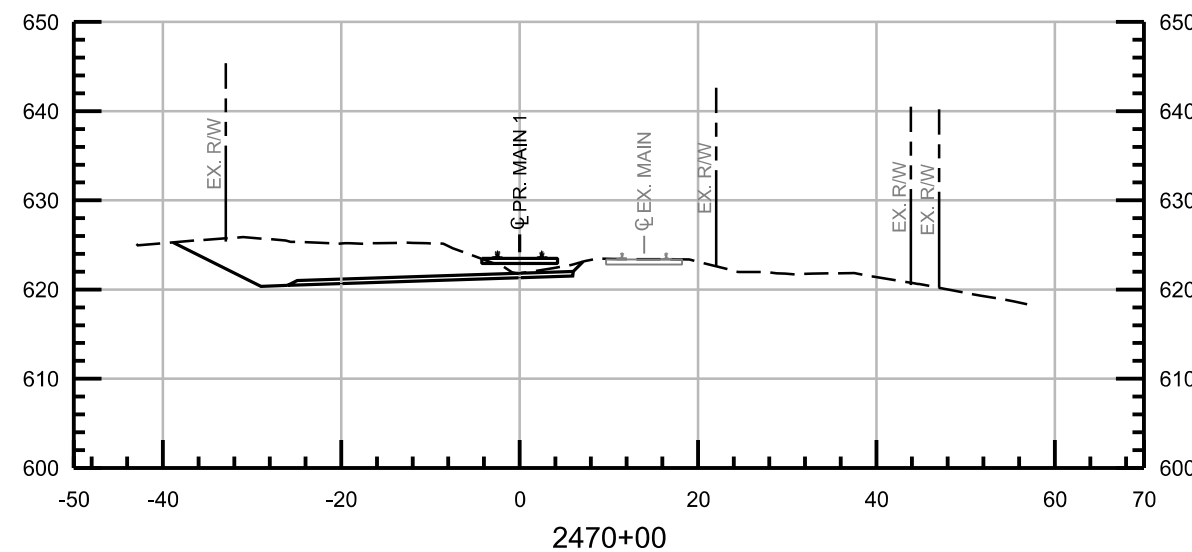
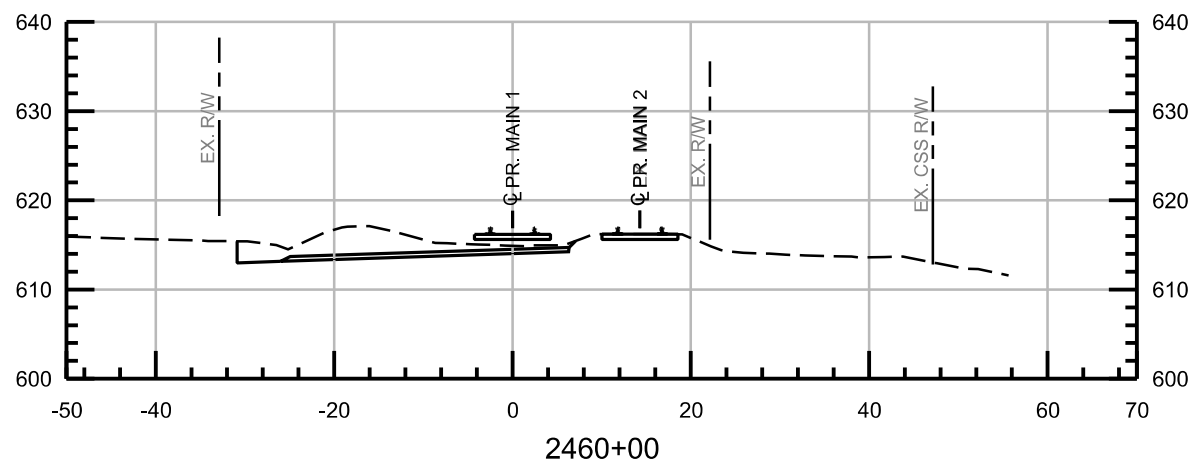
Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

DESIGNED: HDR-PJL
DRAWN: HDR-WJJ
CHECKED: HDR-ZDH
DATE: MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI
CROSS SECTIONS
STA 2425+00 TO STA 2450+00

FILENAME NICTD_R_ML01_XS-0
SCALE AS NOTED

SHEET
170 OF 193



NOT FOR CONSTRUCTION SERIES RXS-024 OF RXS-046



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ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



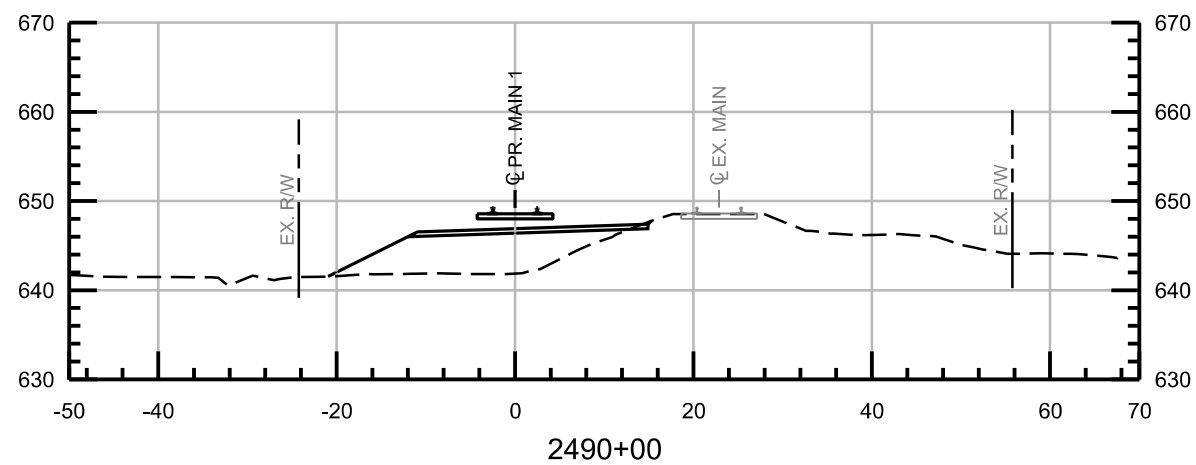
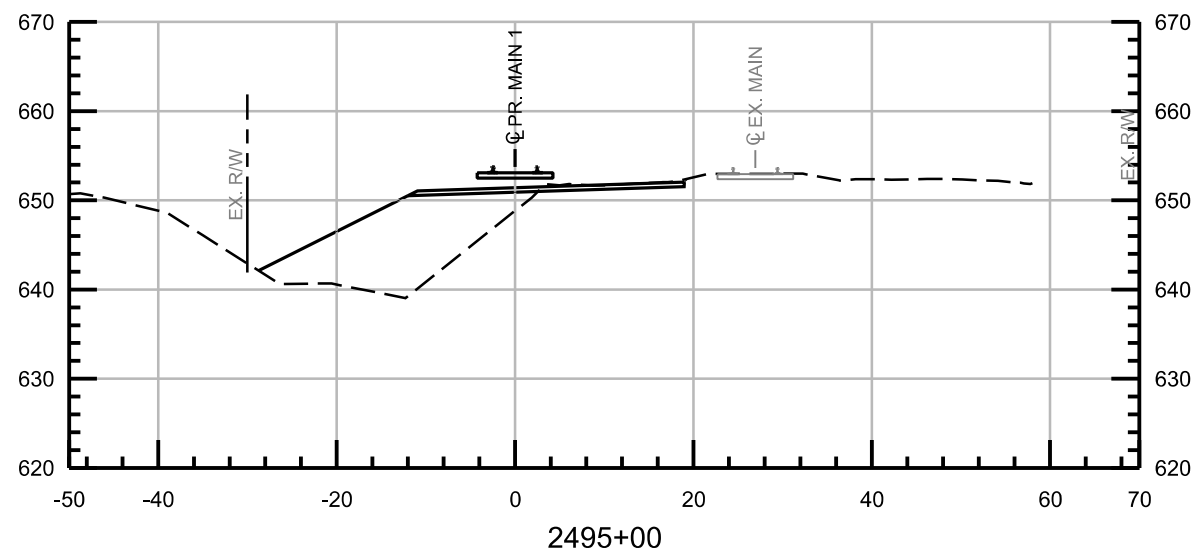
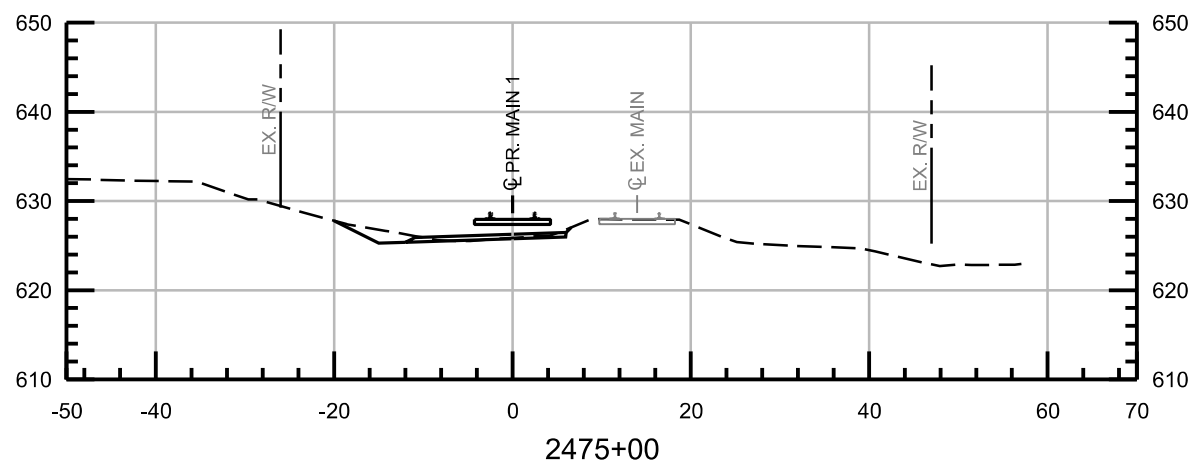
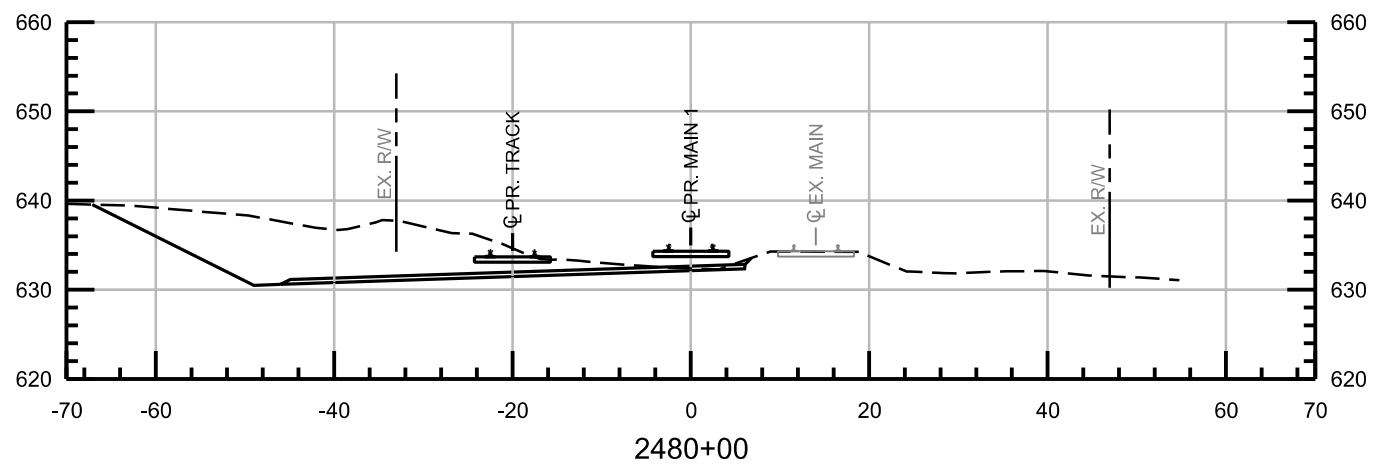
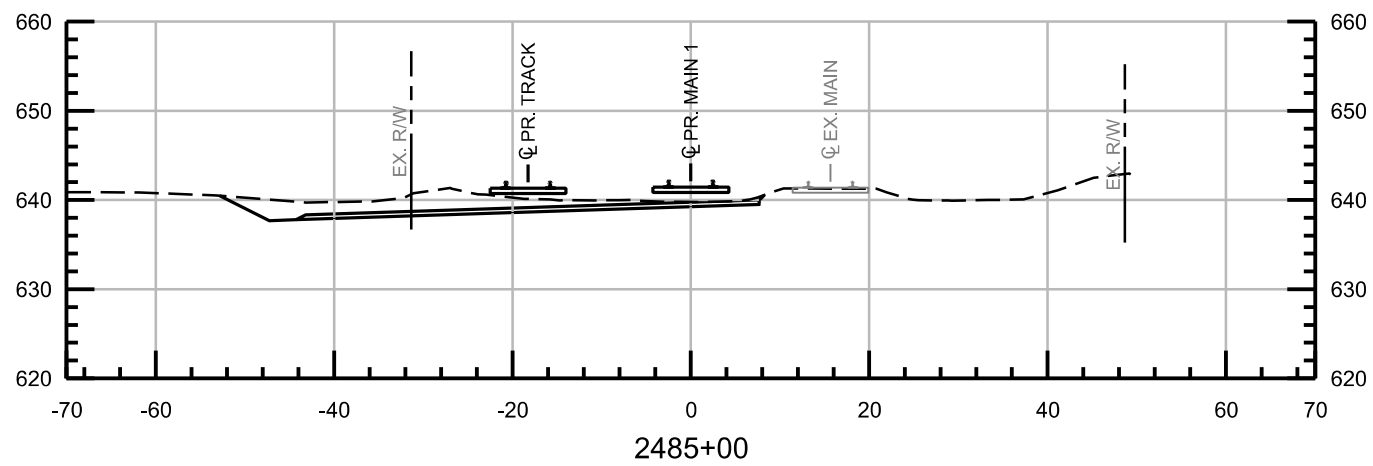
NORTHERN INDIANA COMMUTER
TRANSPORTATION DISTRICT
33 East Highway 12
Chesterton, Indiana 46304



Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET
CROSS SECTIONS STA 2455+00 TO STA 2470+00		
FILENAME	NICTD_R_ML01_XS-0	171 OF 193
SCALE	AS NOTED	



NOT FOR CONSTRUCTION SERIES RXS-025 OF RXS-046



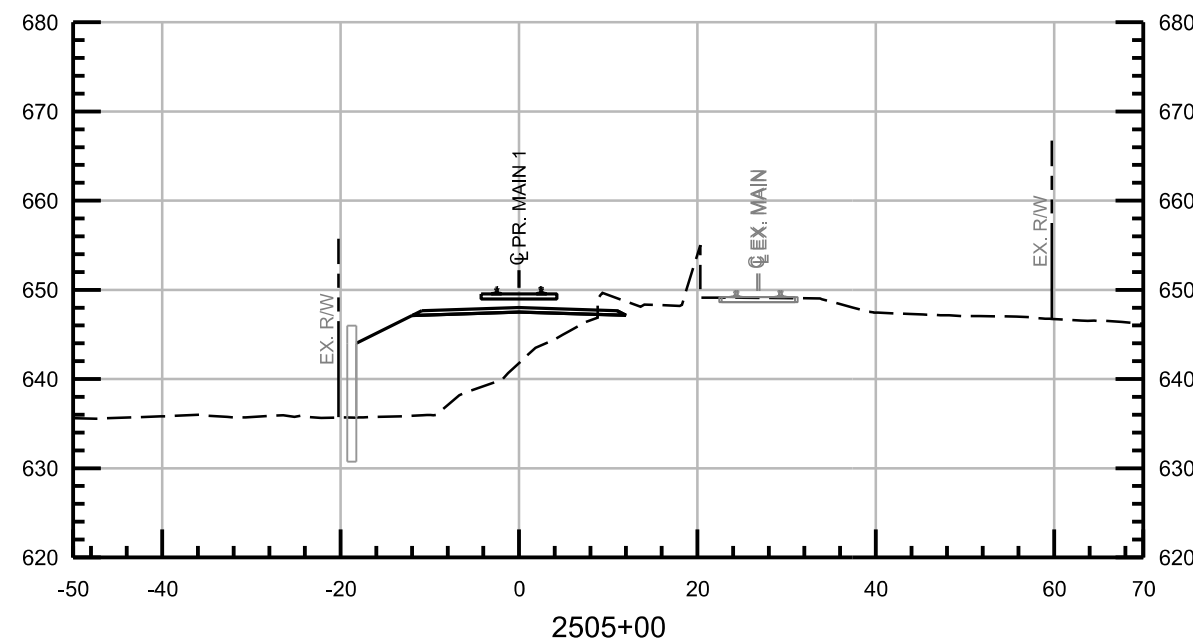
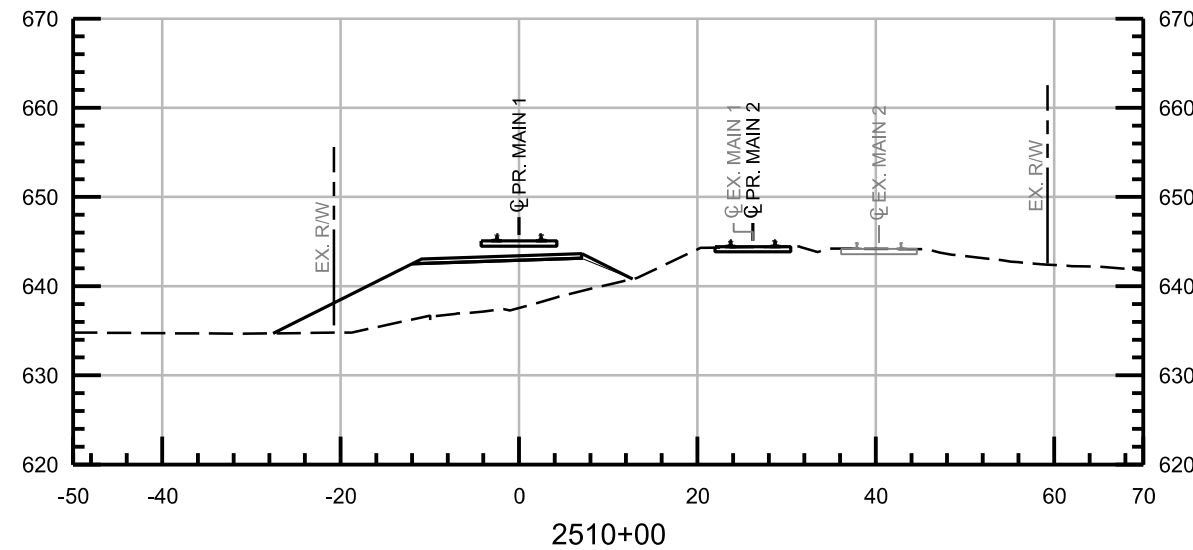
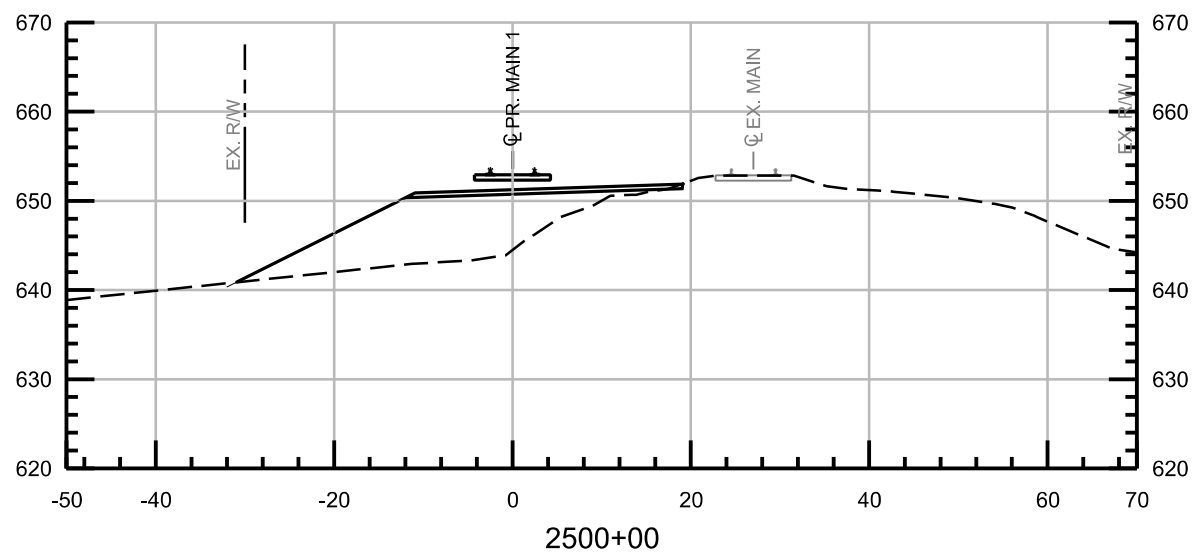
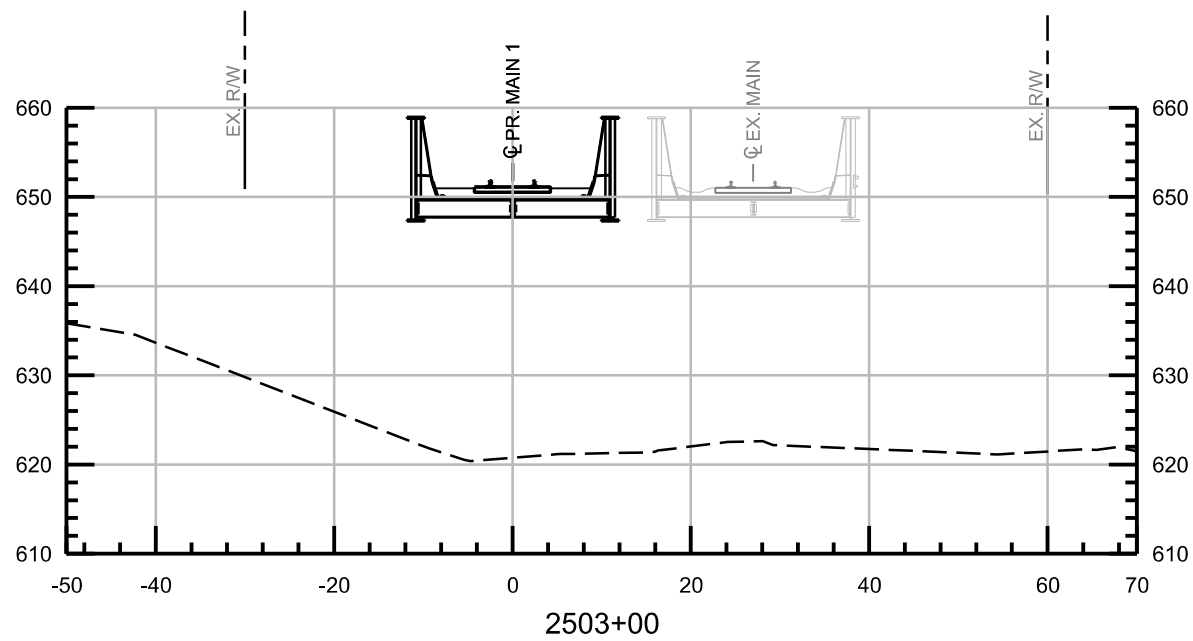
ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET 172 OF 193
FILENAME	NICTD_R_ML01_XS-0	
SCALE	AS NOTED	

CROSS SECTIONS
STA 2475+00 TO STA 2495+00



NOT FOR CONSTRUCTION SERIES RXS-026 OF RXS-046

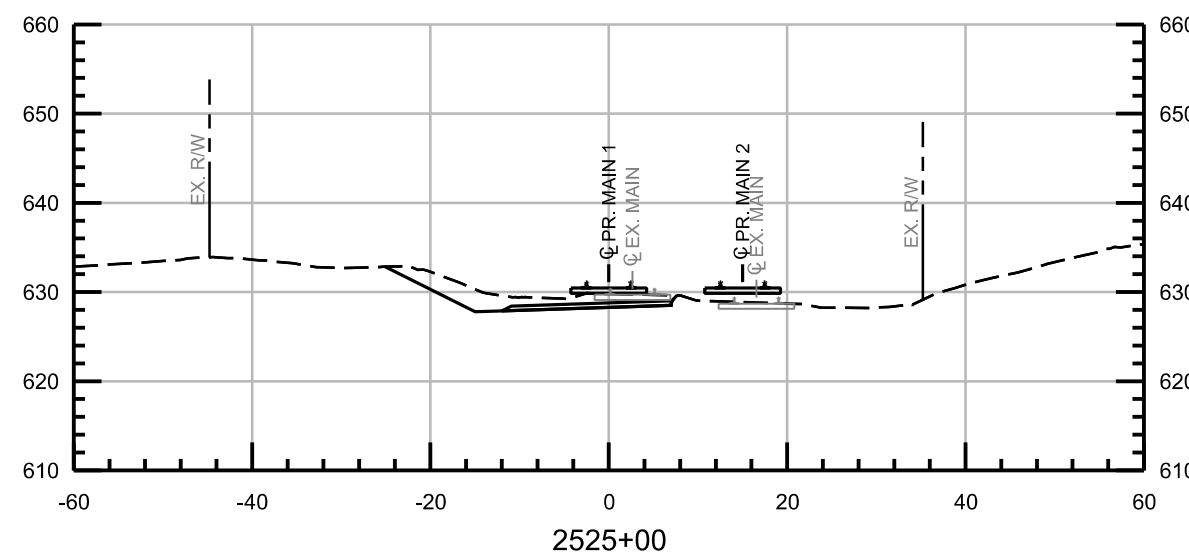
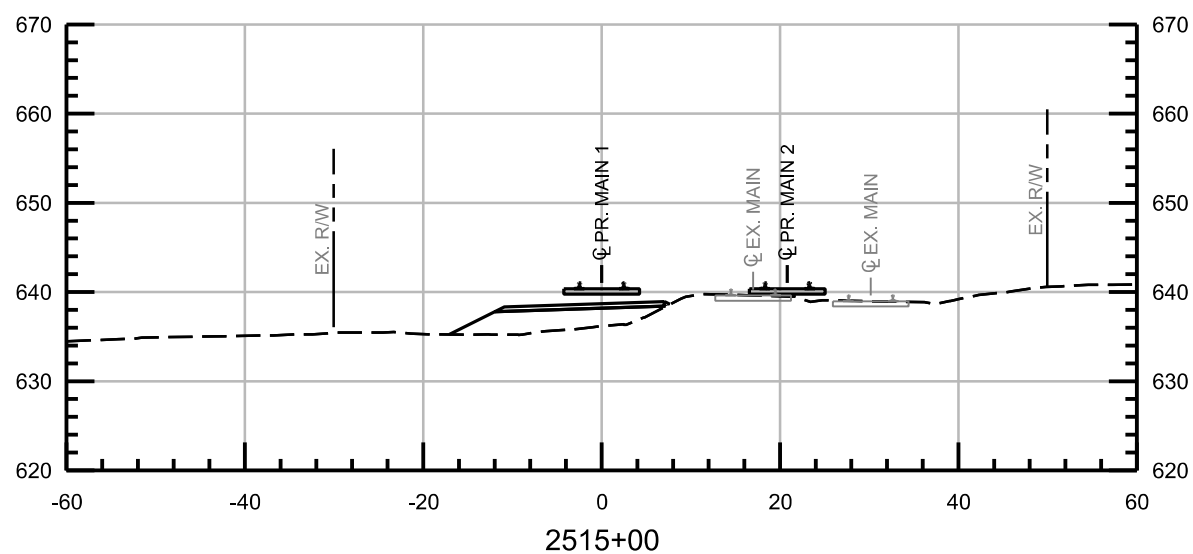
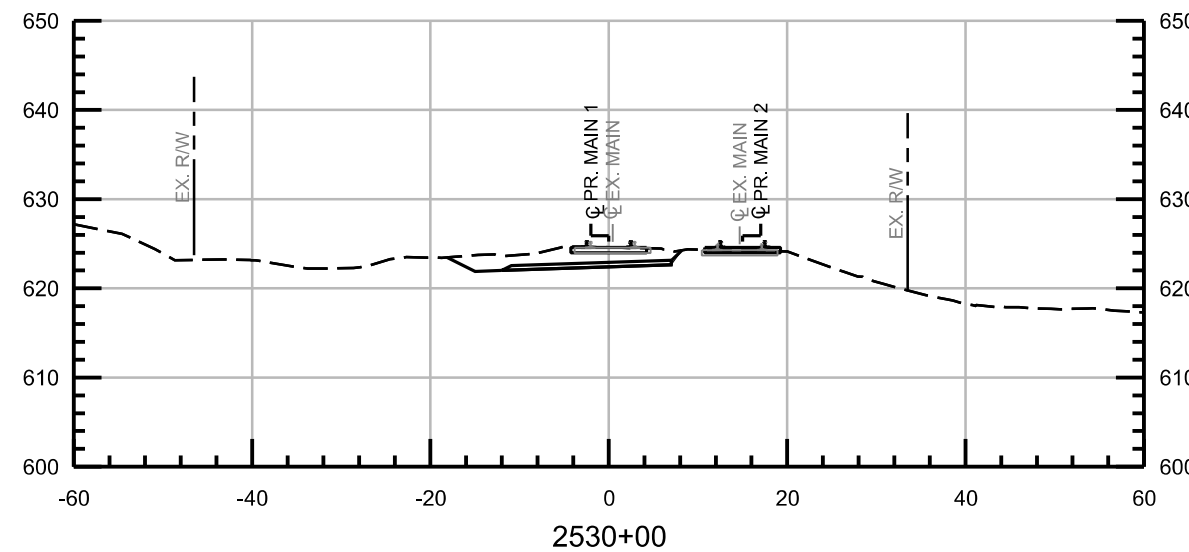
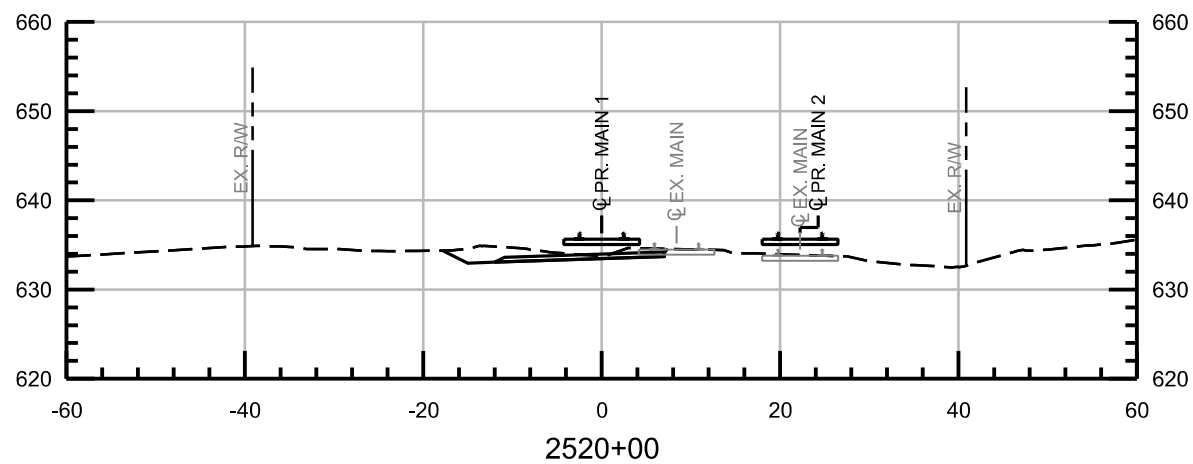


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET
CROSS SECTIONS STA 2500+00 TO STA 2510+00		173 OF 193
FILENAME	NICTD_R_ML01_XS-0	
SCALE	AS NOTED	



NOT FOR CONSTRUCTION SERIES RXS-027 OF RXS-046

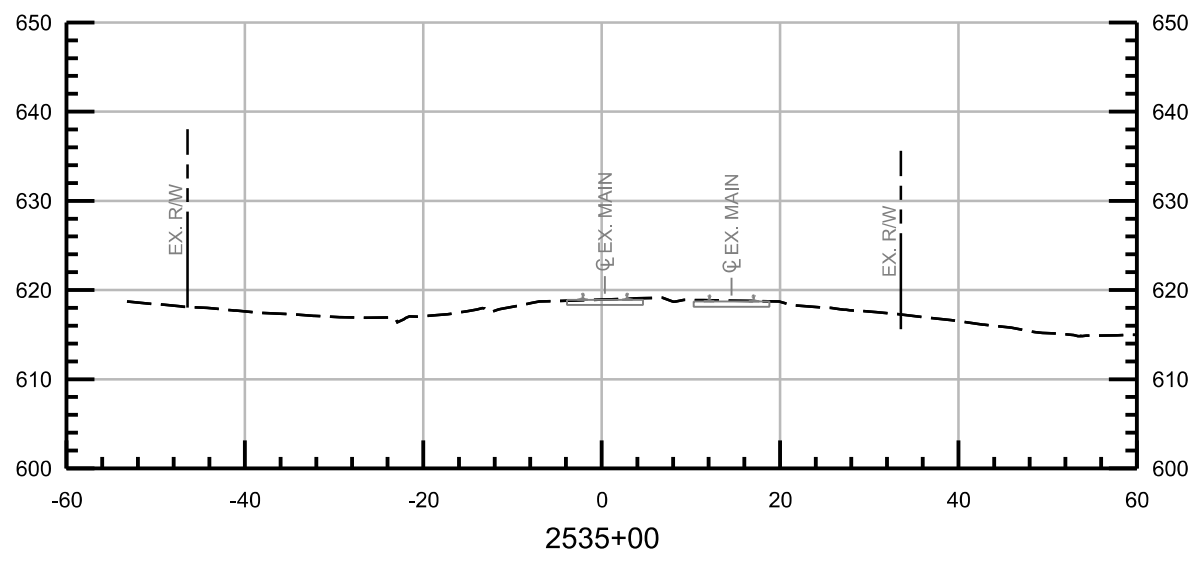


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-KEK
DRAWN:	PEI-KEK
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET 174 OF 193
CROSS SECTIONS STA 2515+00 TO STA 2530+00		
FILENAME	NICTD_R_ML01_XS-0	SCALE AS NOTED
SCALE	AS NOTED	



NOT FOR CONSTRUCTION SERIES RXS-028 OF RXS-046

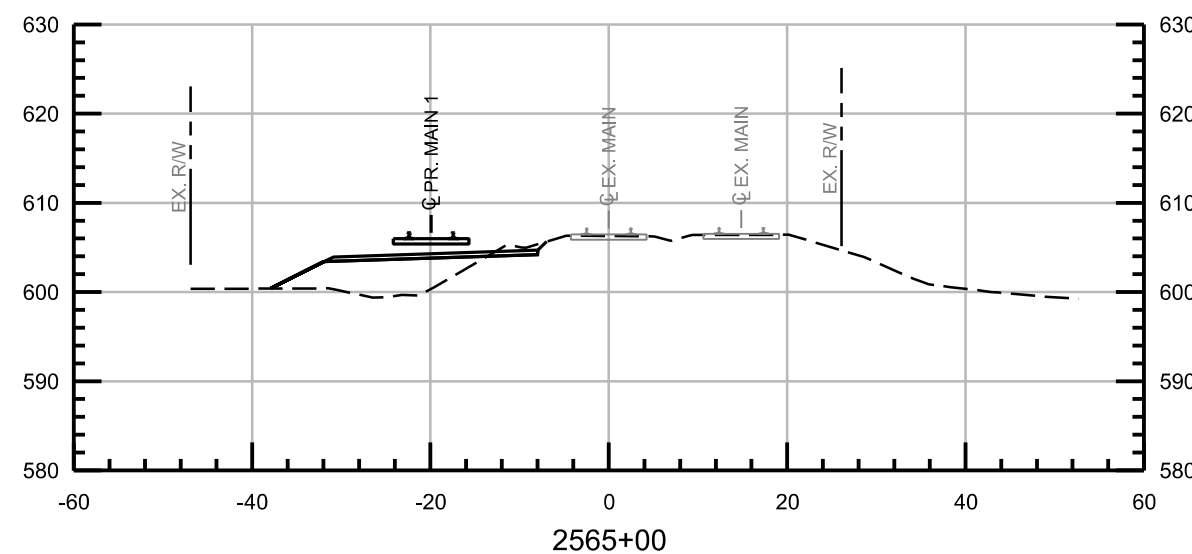
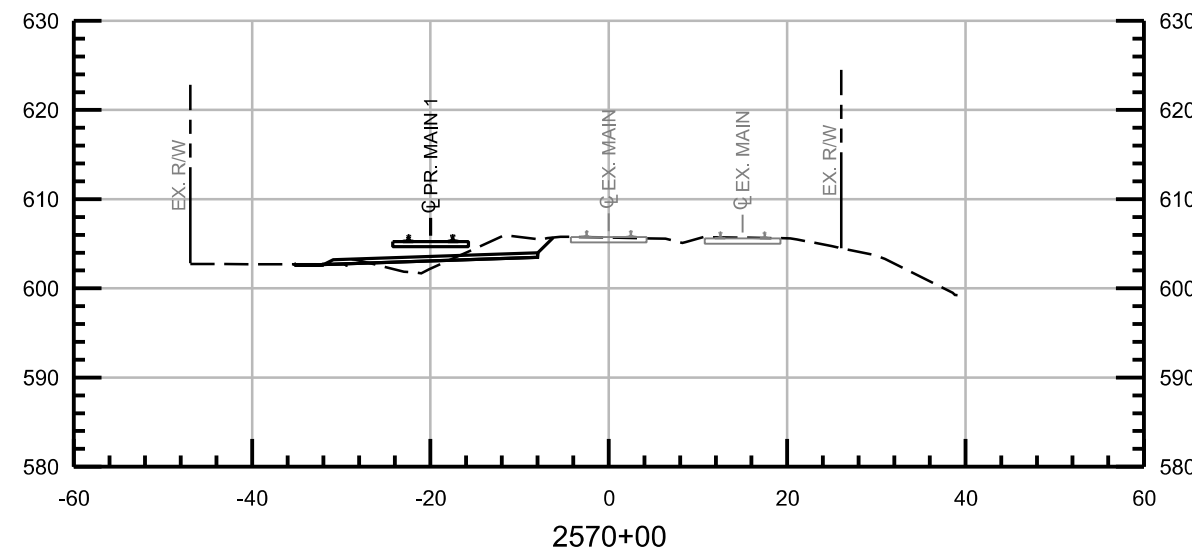
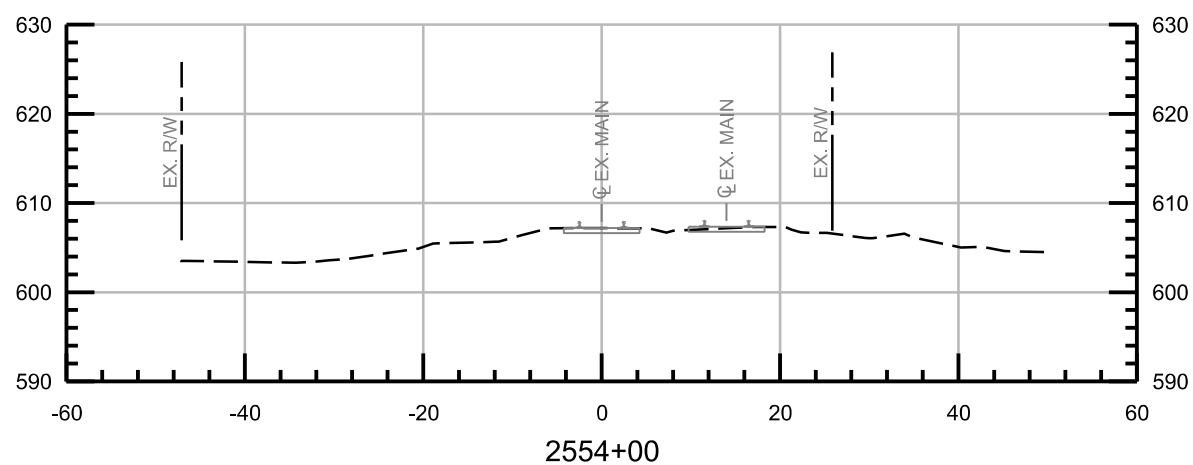
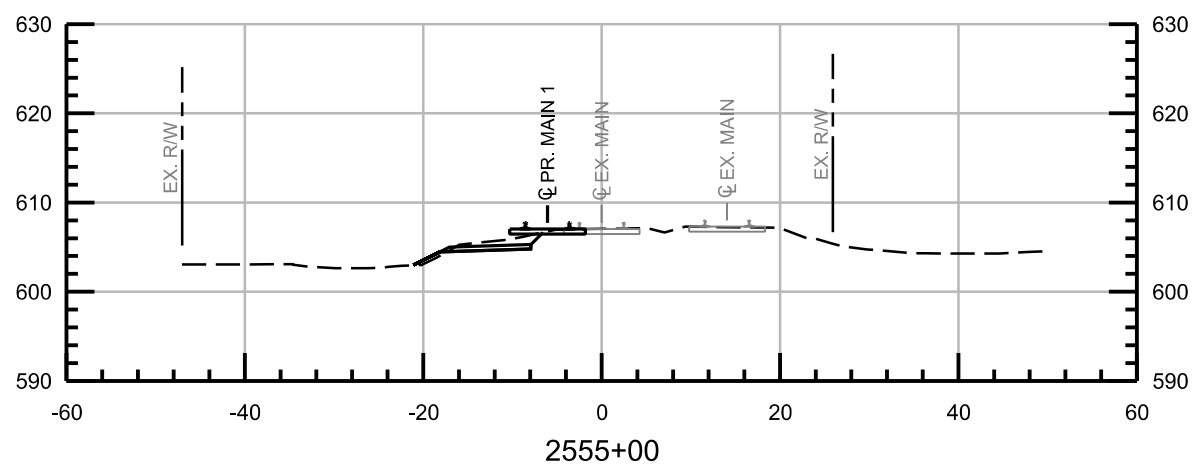
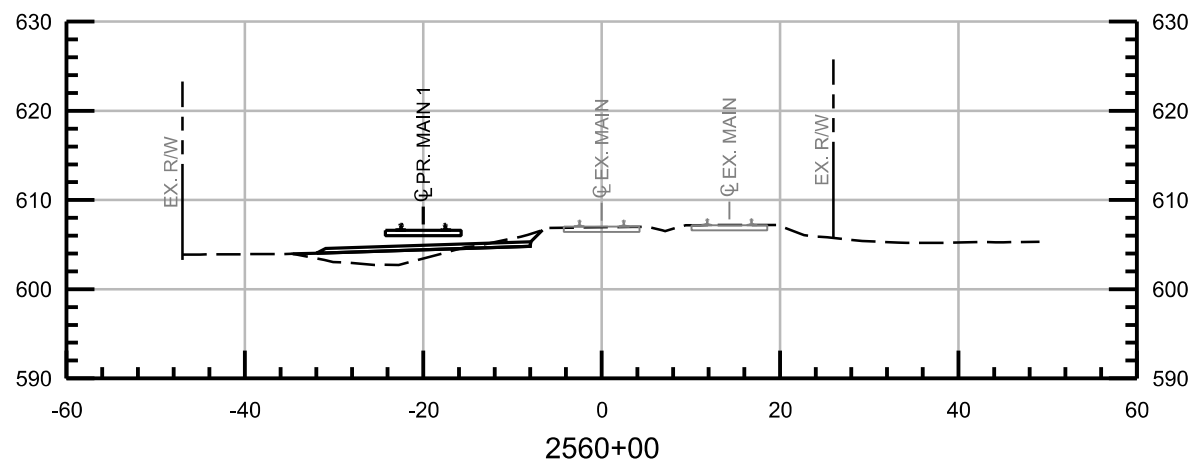


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-KEK
DRAWN:	PEI-KEK
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET
CROSS SECTIONS STA 2535+00 TO STA 2535+00		175 OF 193
FILENAME	NICTD_R_ML01_XS-0	
SCALE	AS NOTED	



NOT FOR CONSTRUCTION SERIES RXS-029 OF RXS-046

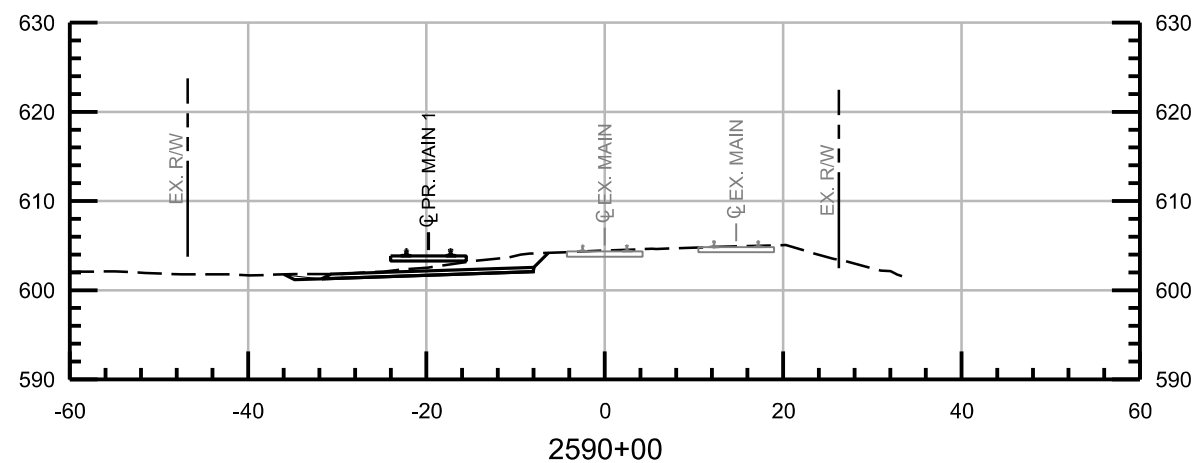
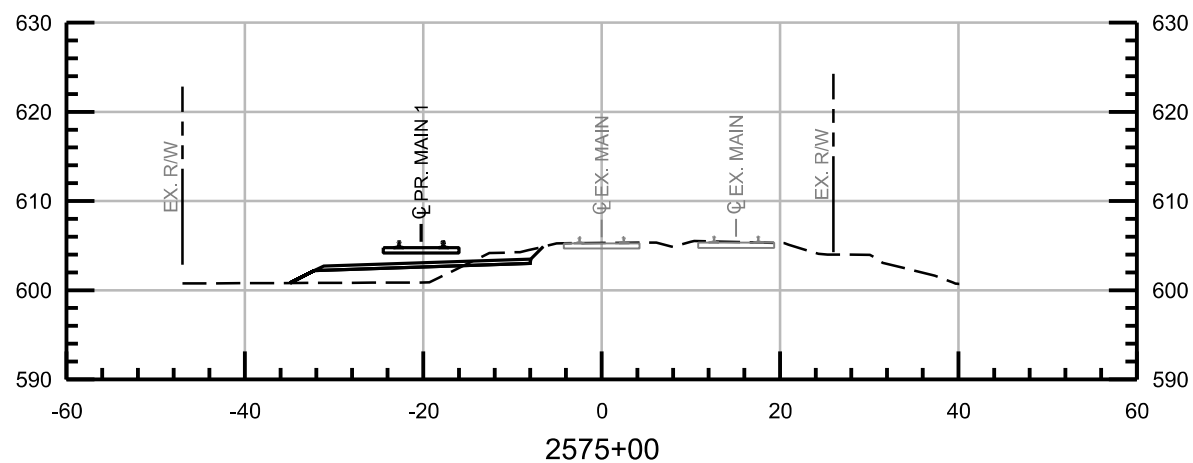
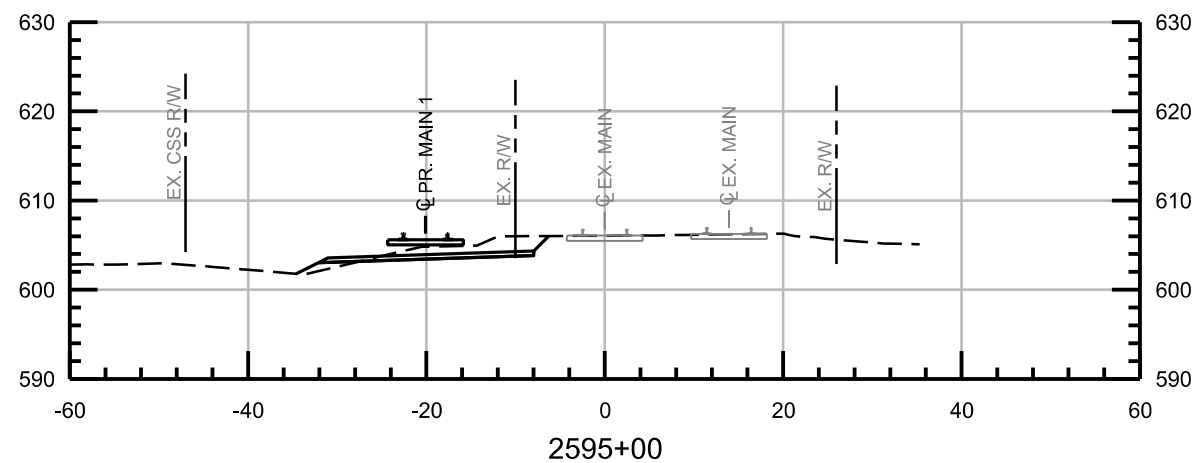
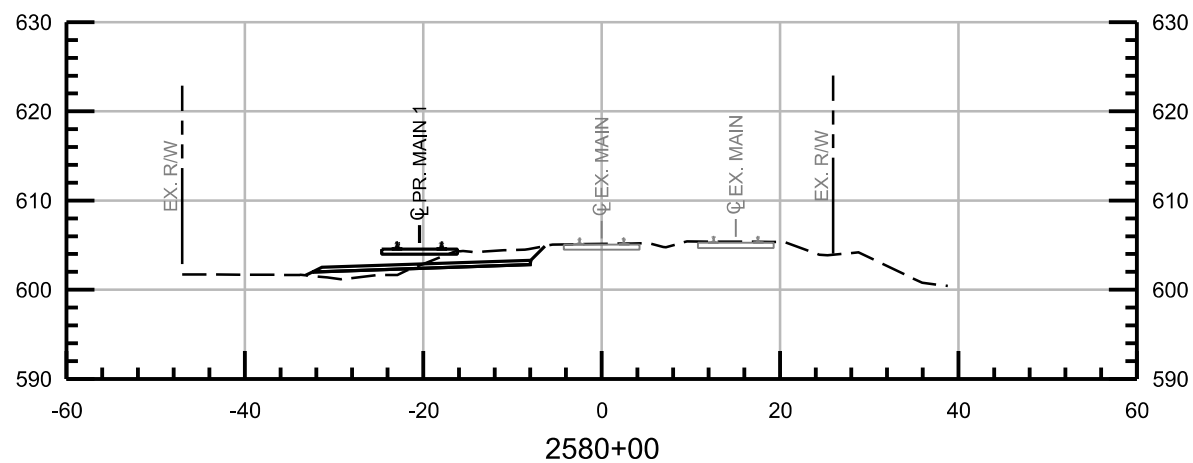
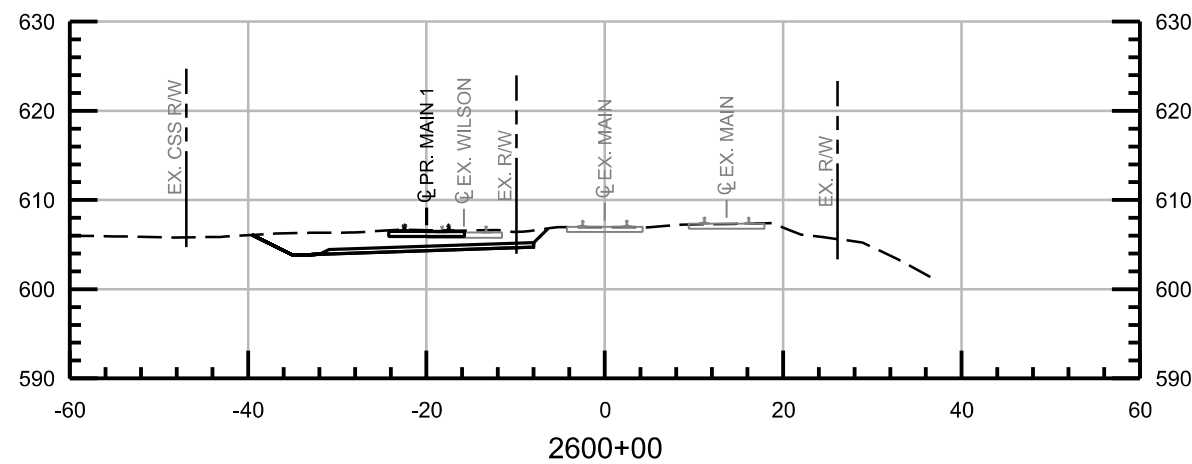
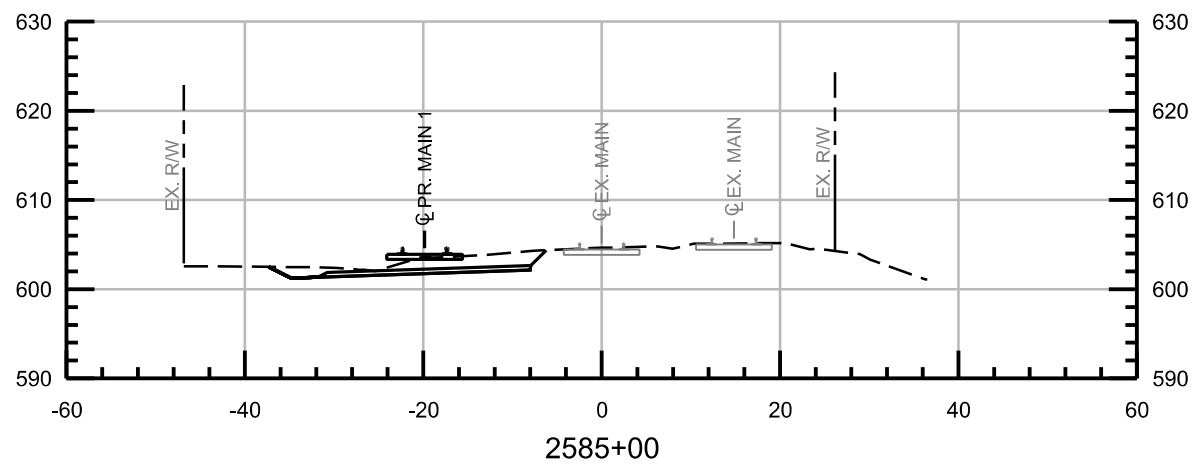


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI	
CROSS SECTIONS STA 2554+00 TO STA 2570+00	
FILENAME	NICTD_R_ML01_XS-0
SCALE	AS NOTED
SHEET	176 OF 193



NOT FOR CONSTRUCTION SERIES RXS-030 OF RXS-046

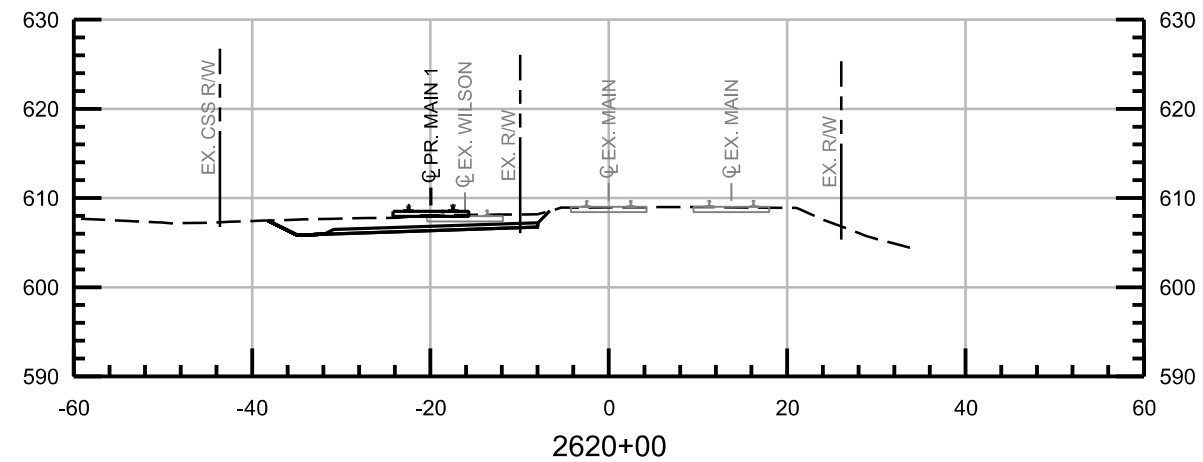
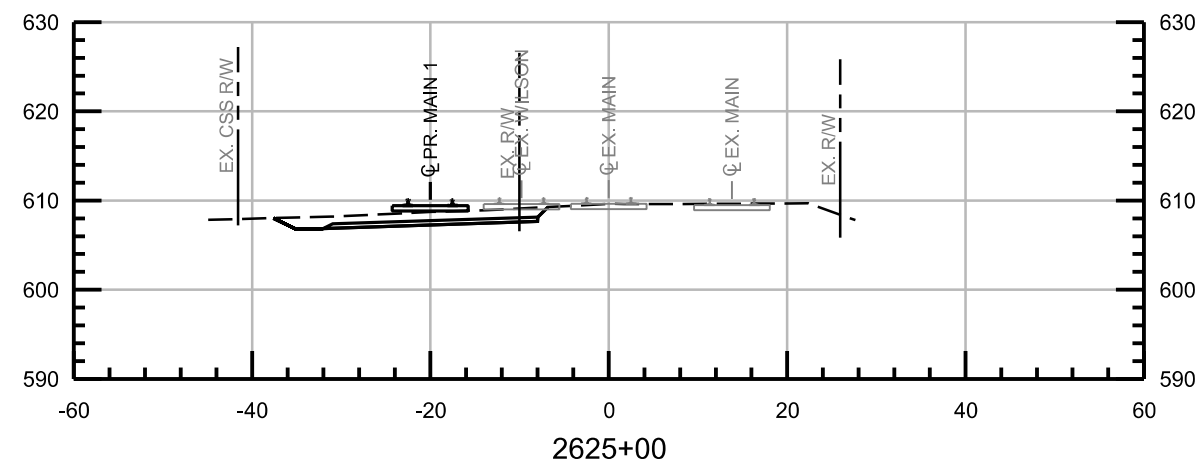
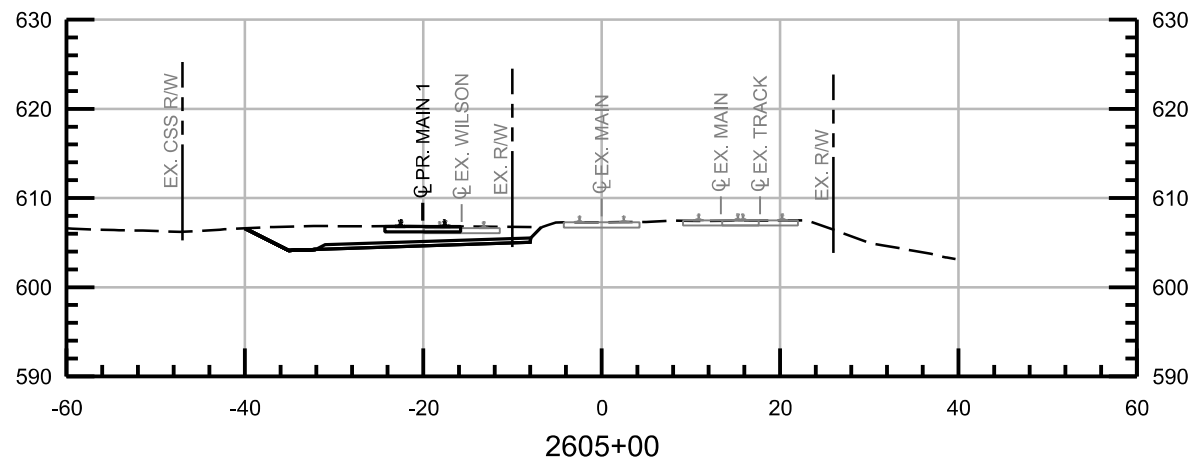
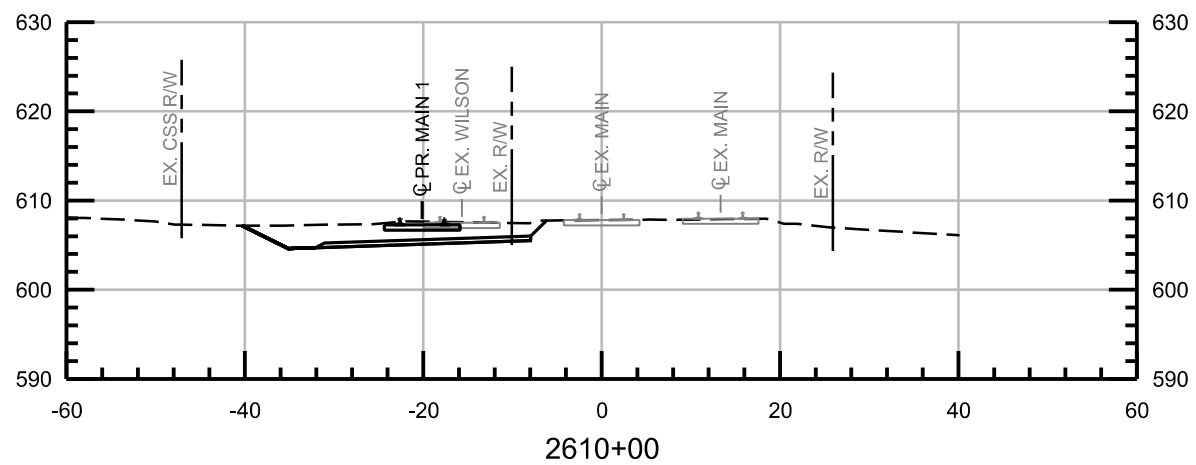
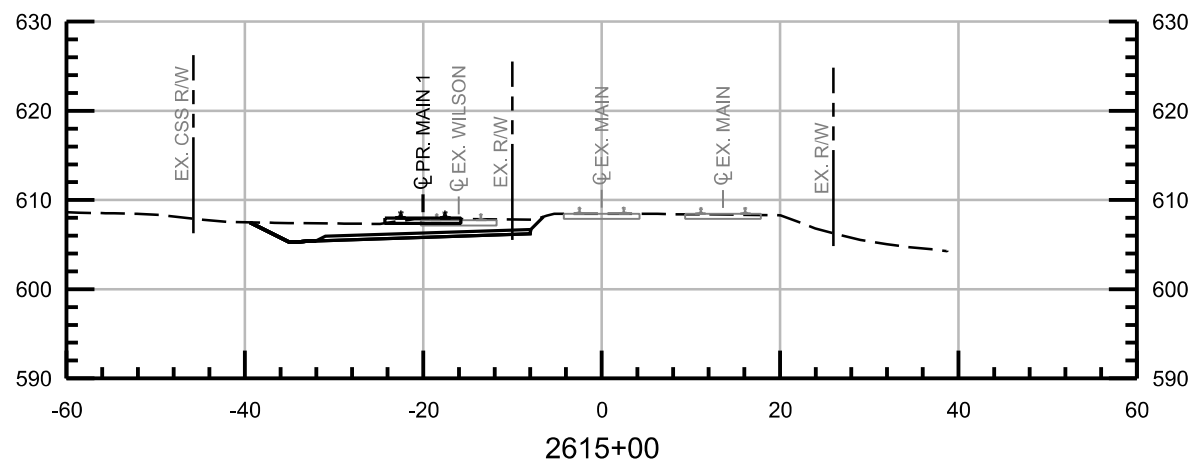


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET 177 OF 193
CROSS SECTIONS STA 2575+00 TO STA 2600+00		
FILENAME	NICTD_R_ML01_XS-0	SCALE AS NOTED
SCALE	AS NOTED	



NOT FOR CONSTRUCTION SERIES RXS-031 OF RXS-046

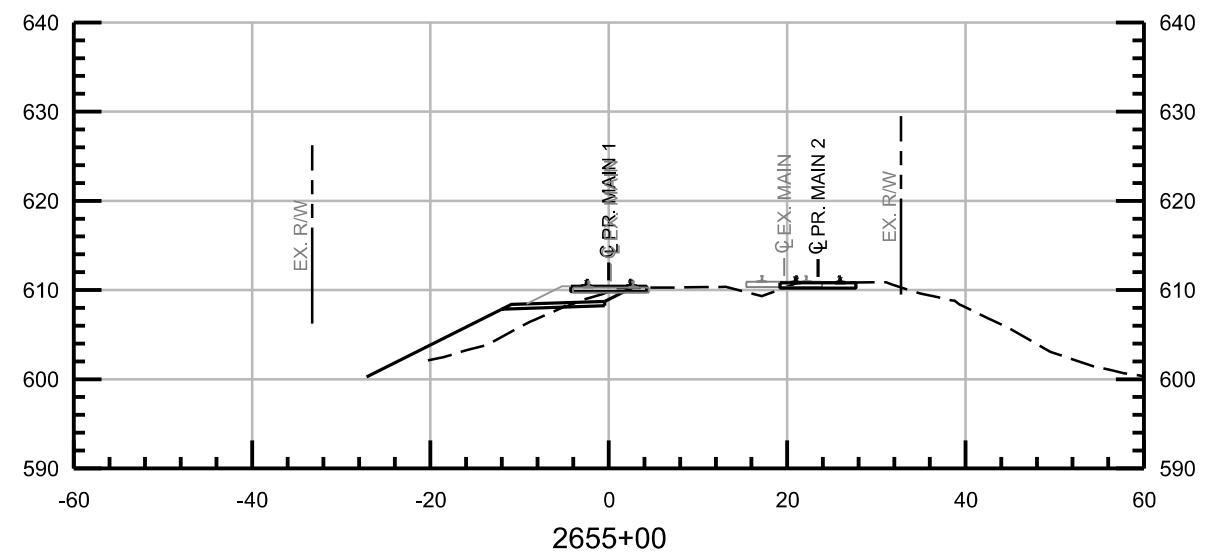
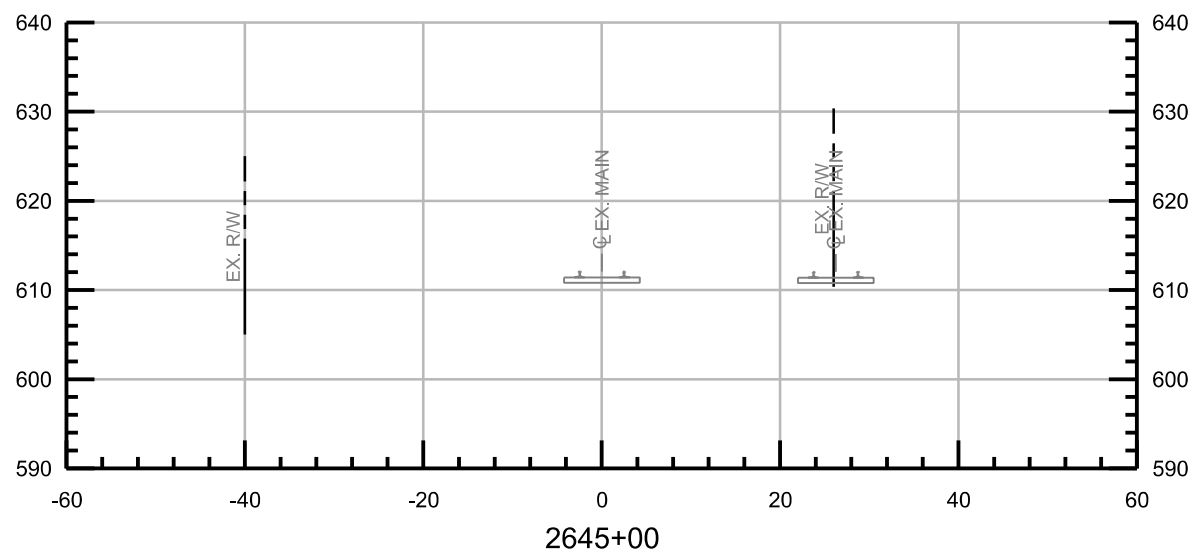
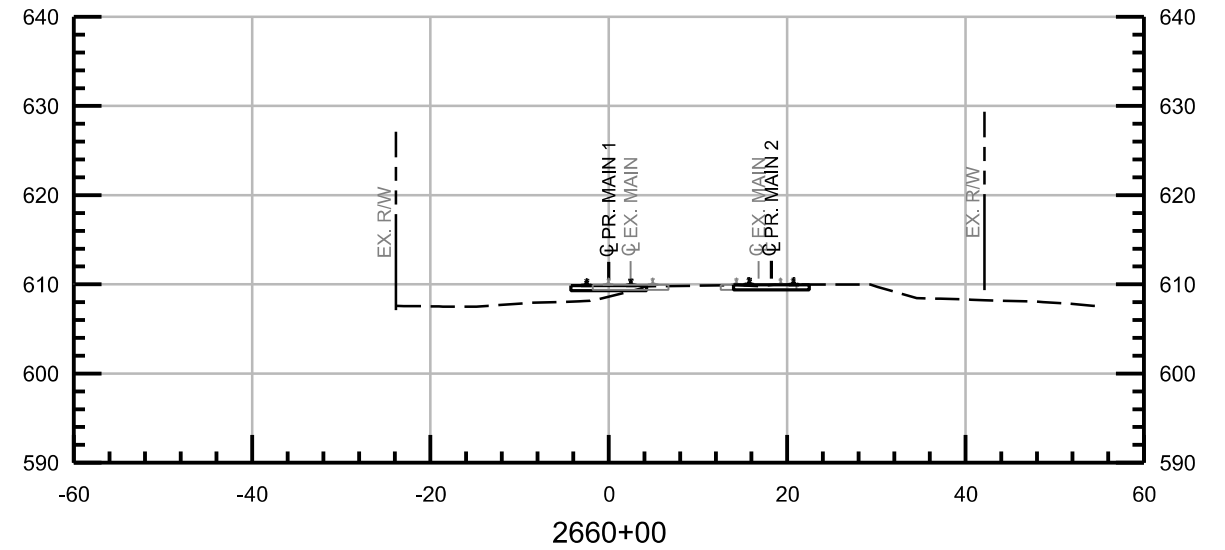
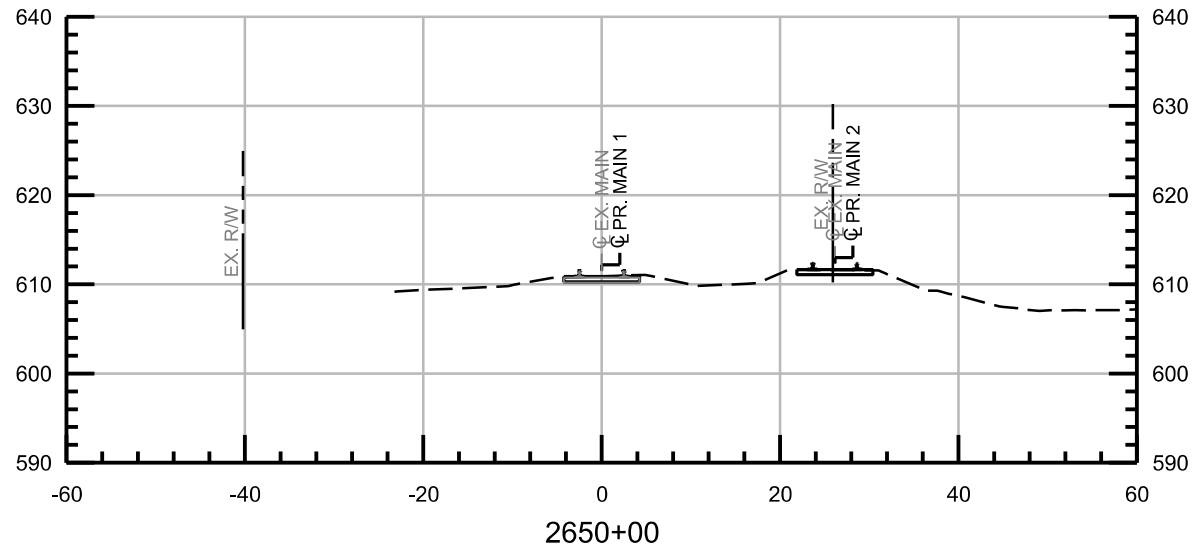


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

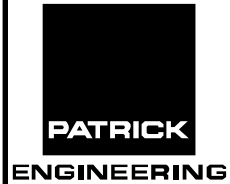


DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET 178 OF 193
CROSS SECTIONS STA 2605+00 TO STA 2625+00		
FILENAME	NICTD_R_ML01_XS-0	SCALE AS NOTED
SCALE	AS NOTED	



NOT FOR CONSTRUCTION SERIES RXS-032 OF RXS-046

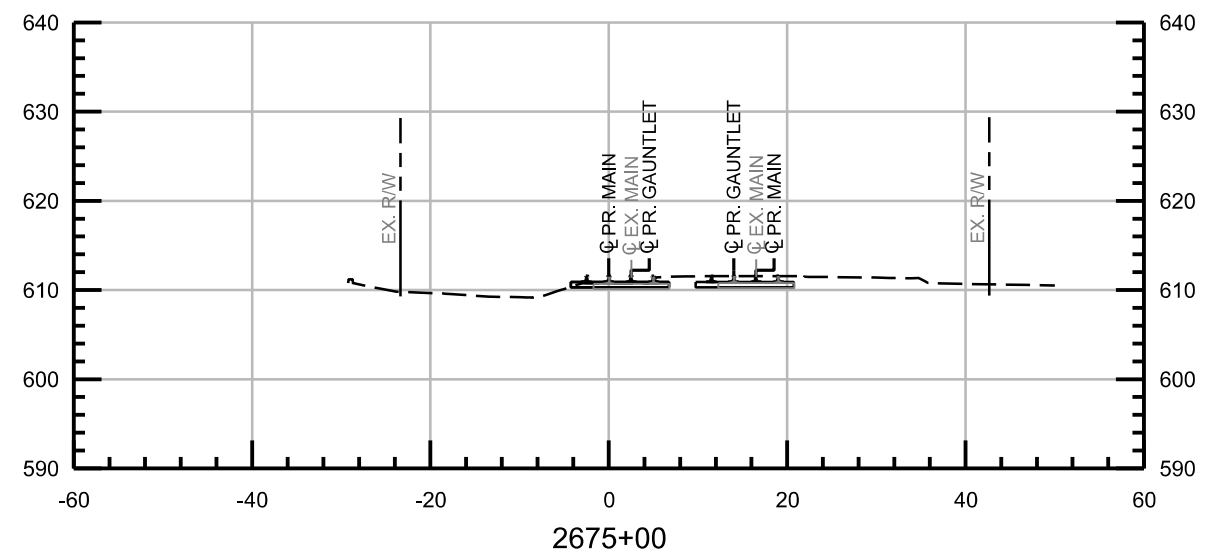
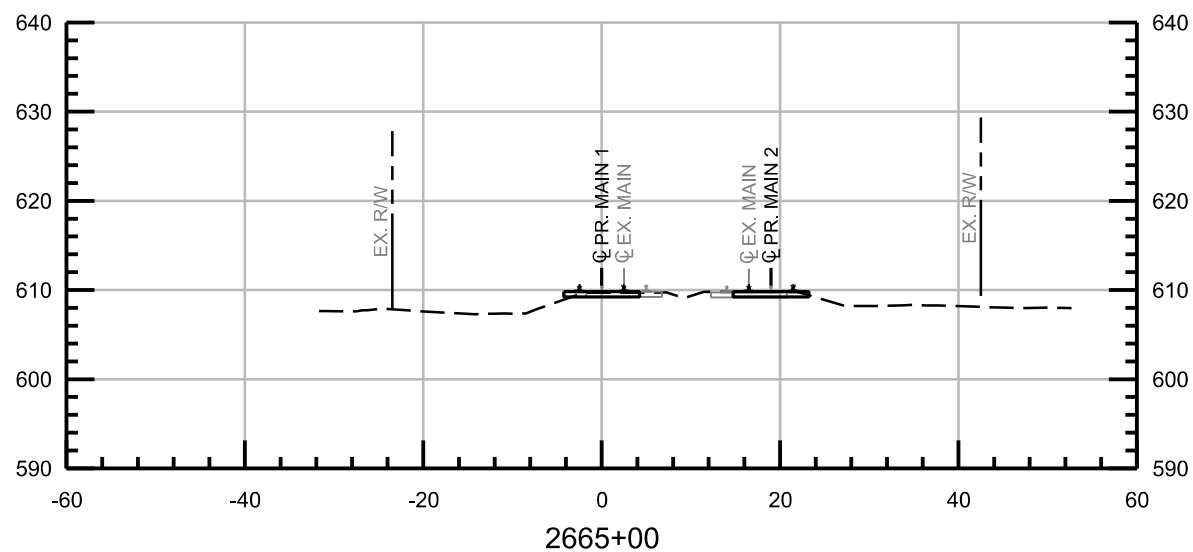
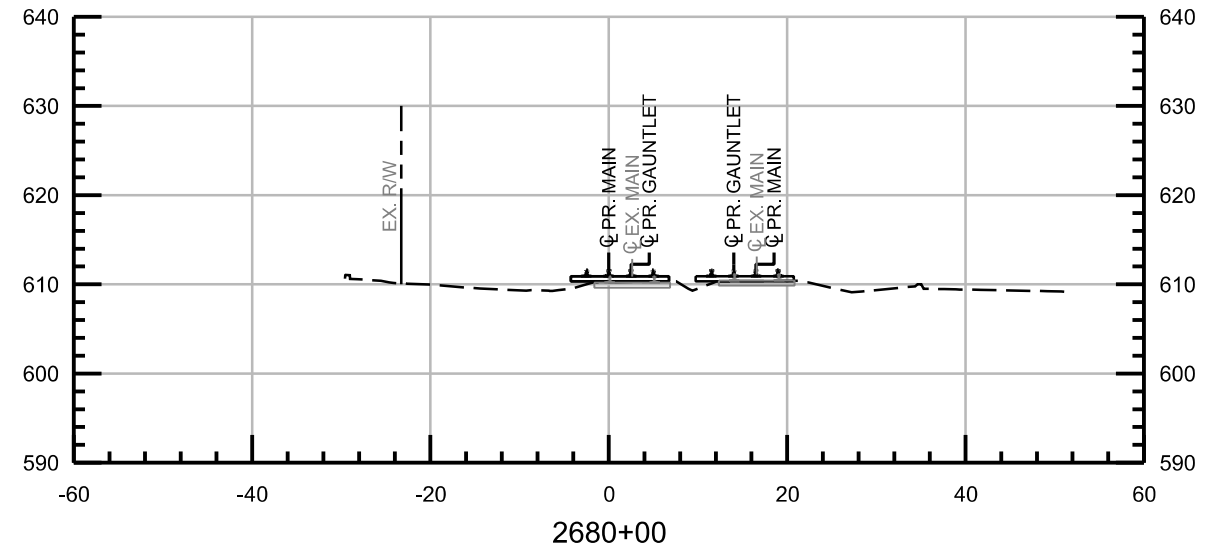
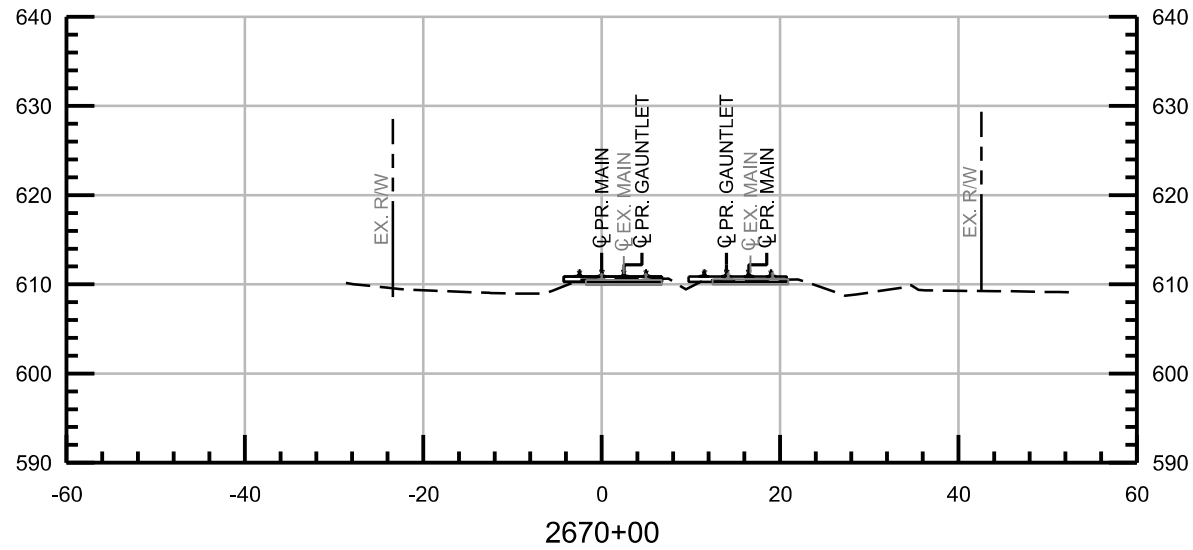


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

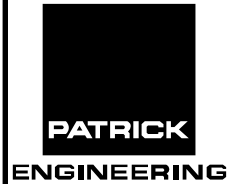


DESIGNED:	PEI-KEK
DRAWN:	PEI-KEK
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI	
CROSS SECTIONS STA 2645+00 TO STA 2660+00	
FILENAME	NICTD_R_ML01_XS-0
SCALE	AS NOTED
SHEET	179 OF 193



NOT FOR CONSTRUCTION SERIES RXS-033 OF RXS-046

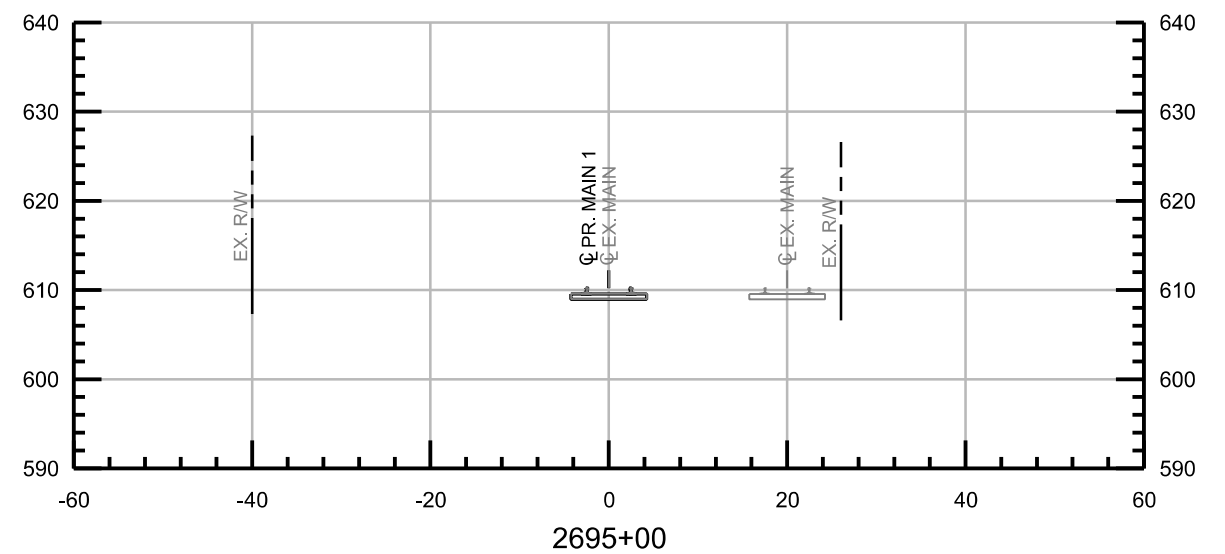
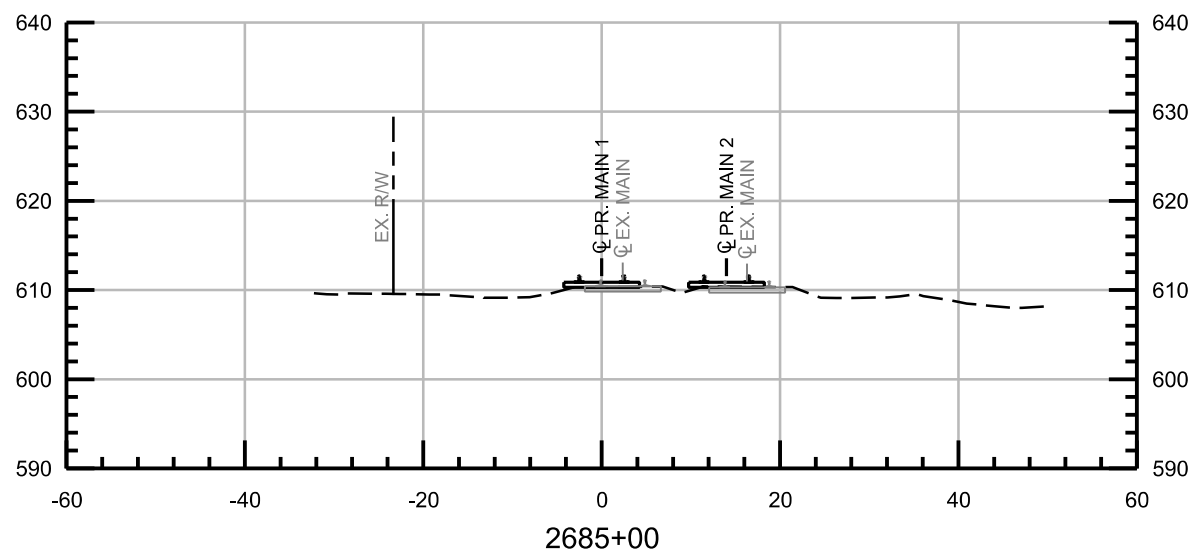
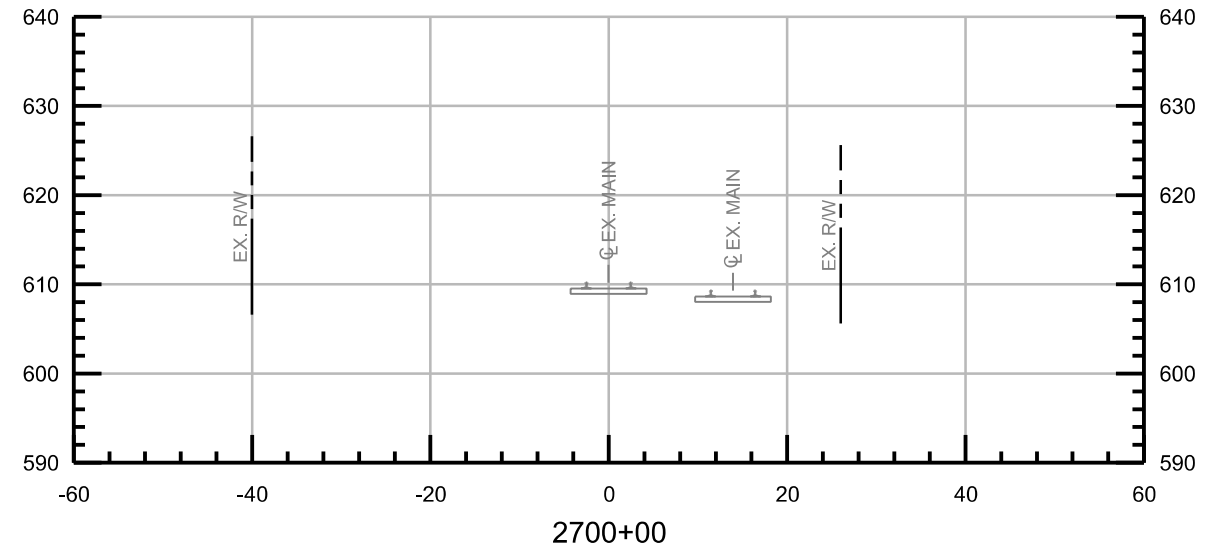
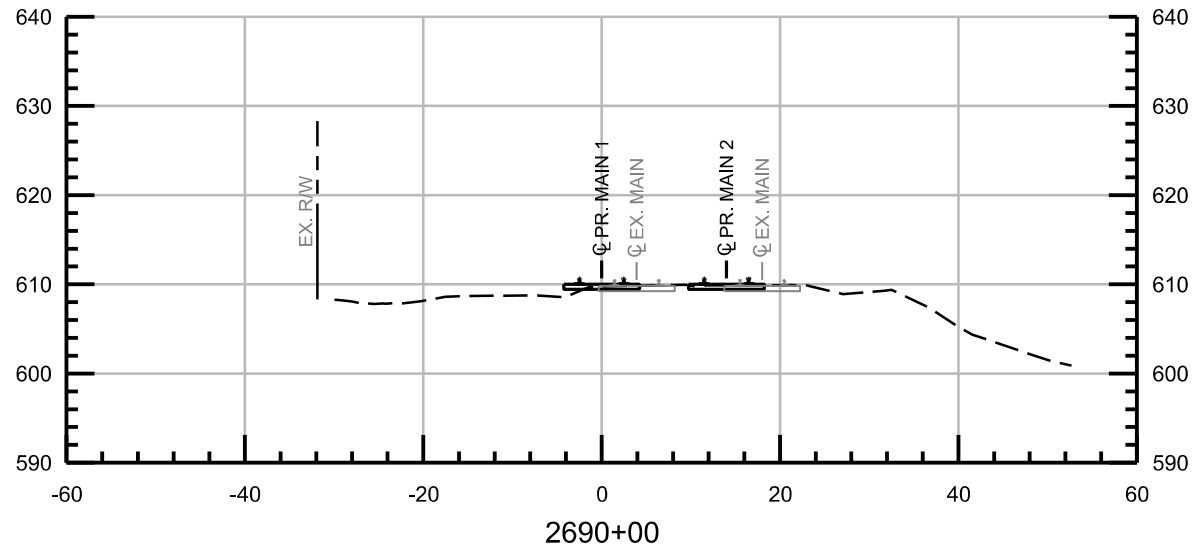


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-KEK
DRAWN:	PEI-KEK
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI CROSS SECTIONS STA 2665+00 TO STA 2680+00		SHEET 180 OF 193
FILENAME	NICTD_R_ML01_XS-0	
SCALE	AS NOTED	



NOT FOR CONSTRUCTION SERIES RXS-034 OF RXS-046

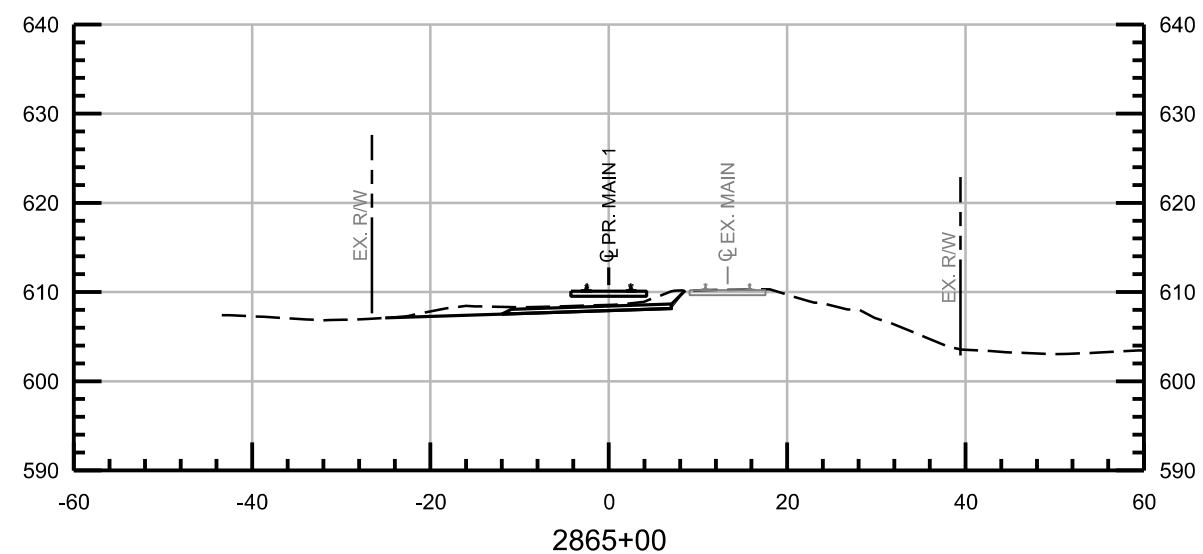
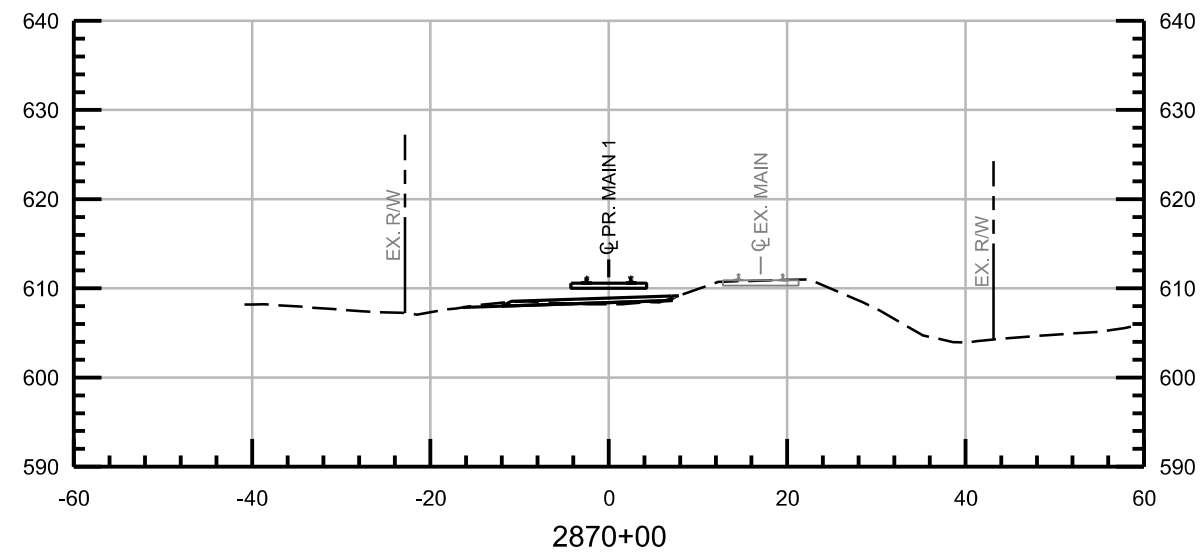
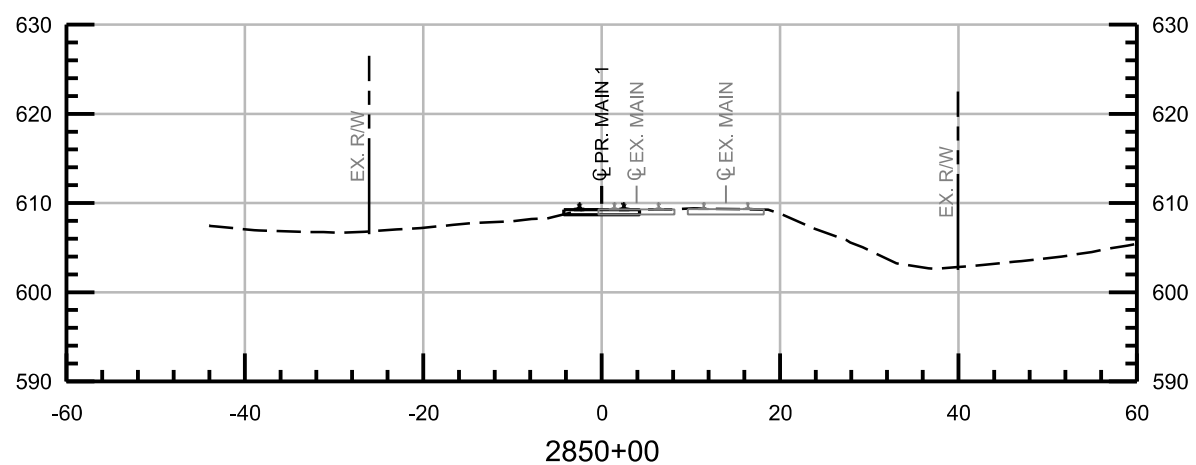
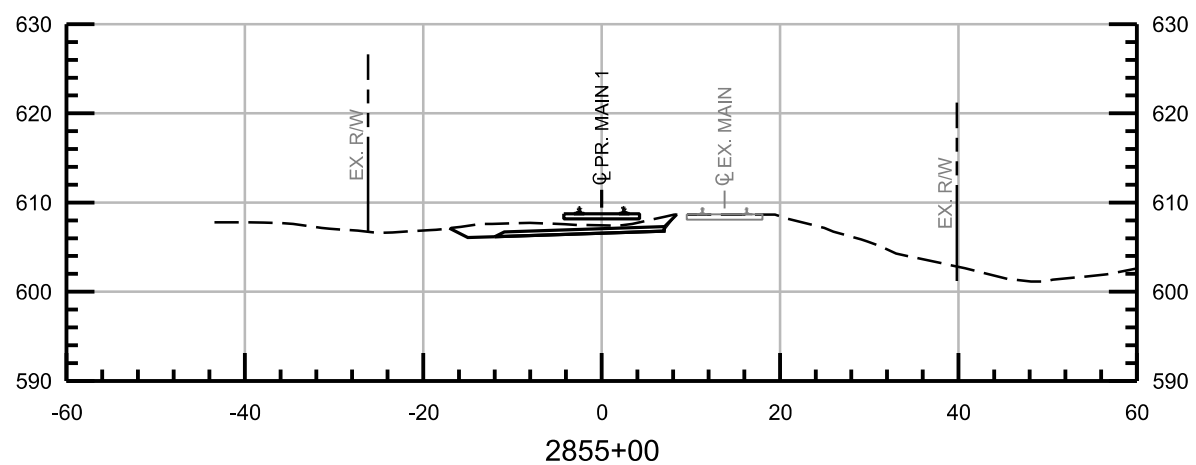
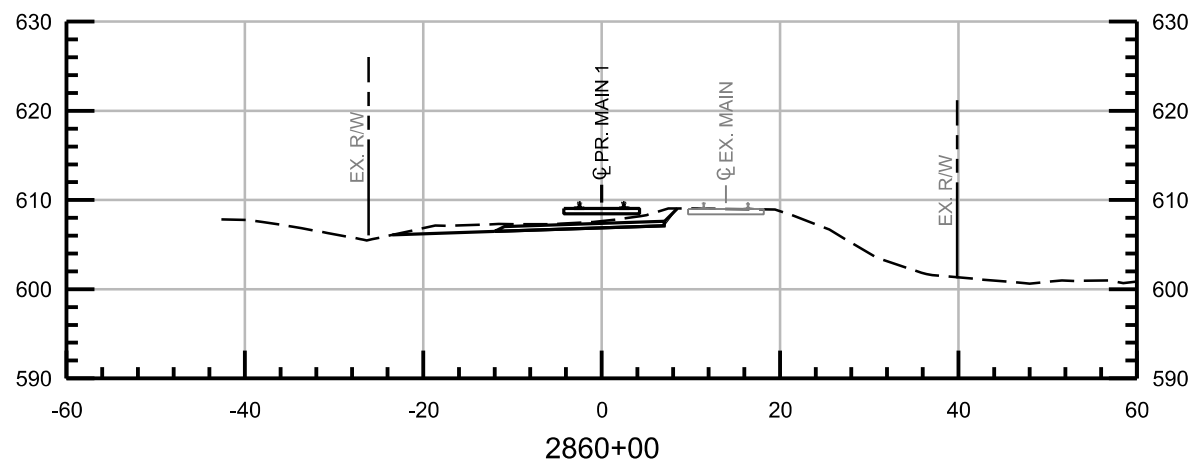


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-KEK
DRAWN:	PEI-KEK
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI	
CROSS SECTIONS STA 2685+00 TO STA 2700+00	
FILENAME	NICTD_R_ML01_XS-0
SCALE	AS NOTED
SHEET	181 OF 193



NOT FOR CONSTRUCTION SERIES RXS-035 OF RXS-046

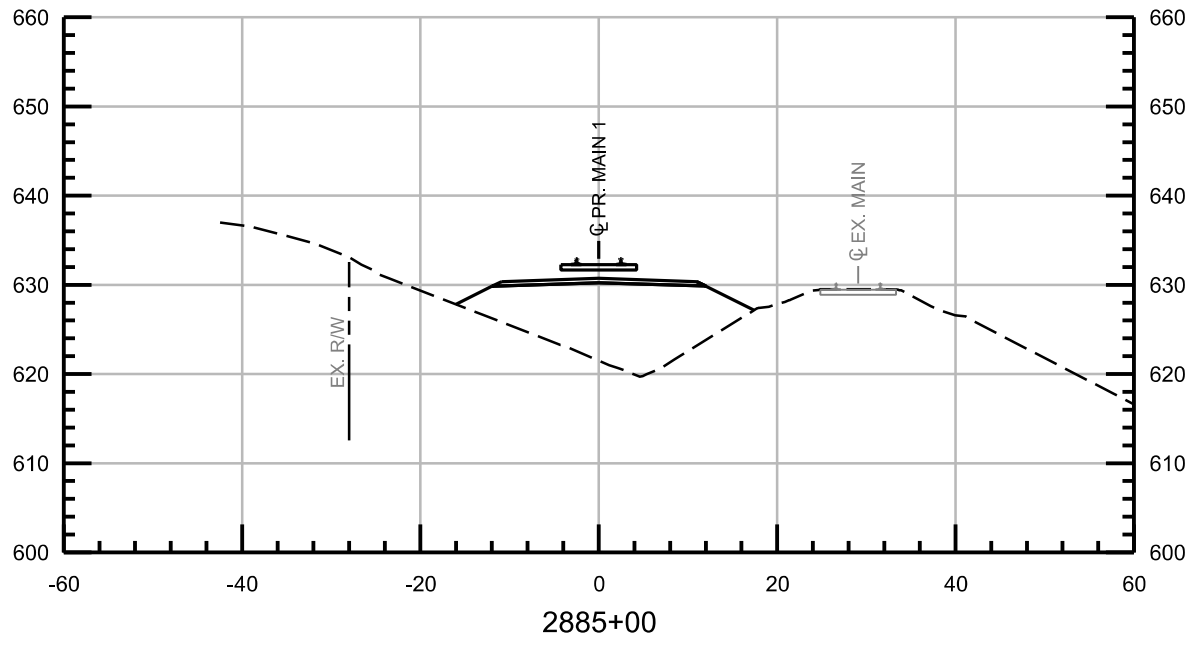
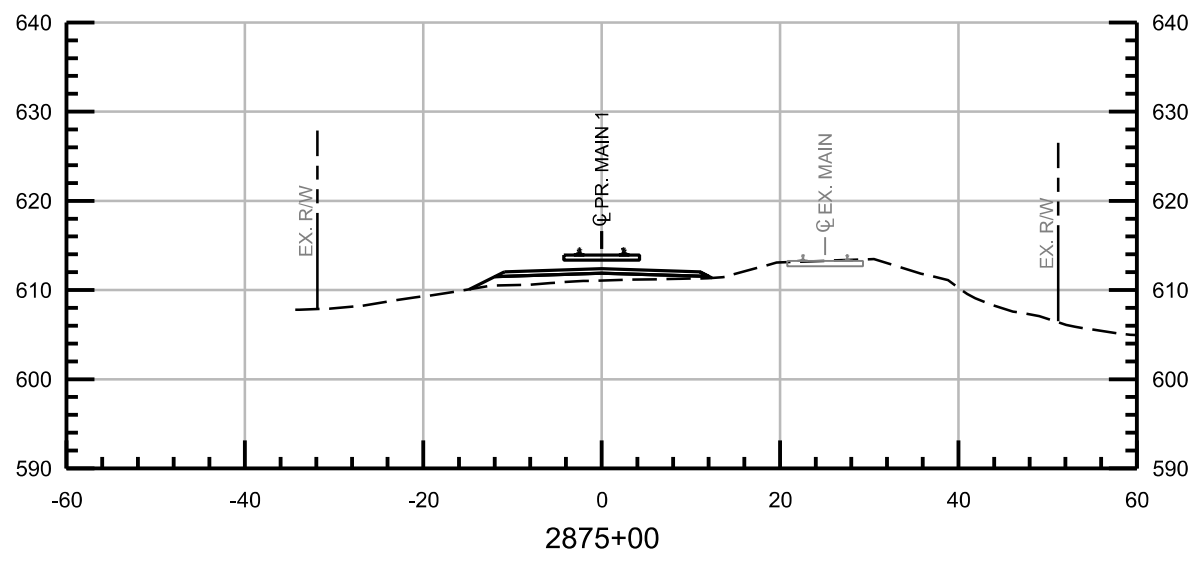
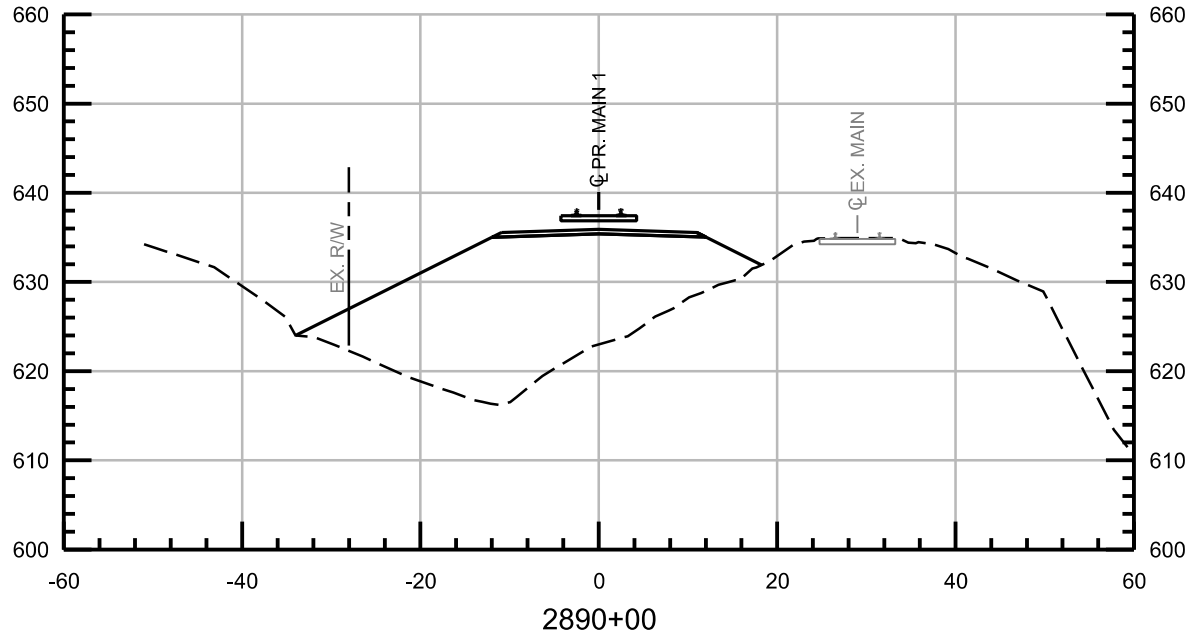
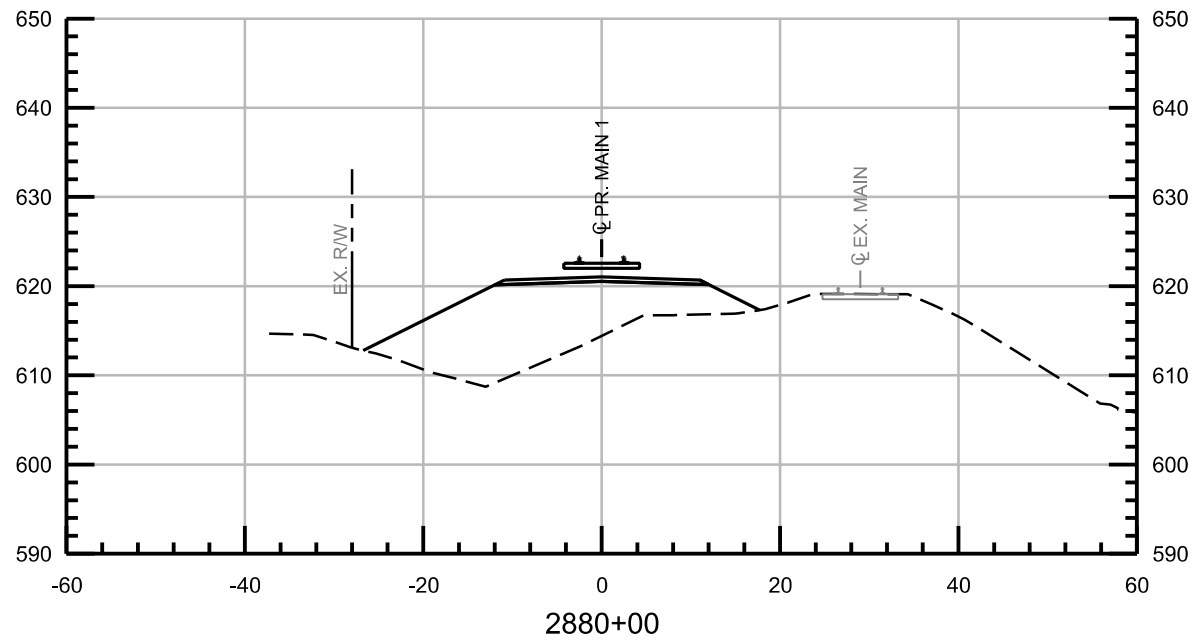


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-KEK
DRAWN:	PEI-KEK
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET 182 OF 193
CROSS SECTIONS STA 2850+00 TO STA 2870+00		
FILENAME	NICTD_R_ML01_XS-0	SCALE AS NOTED
SCALE	AS NOTED	



NOT FOR CONSTRUCTION SERIES RXS-036 OF RXS-046

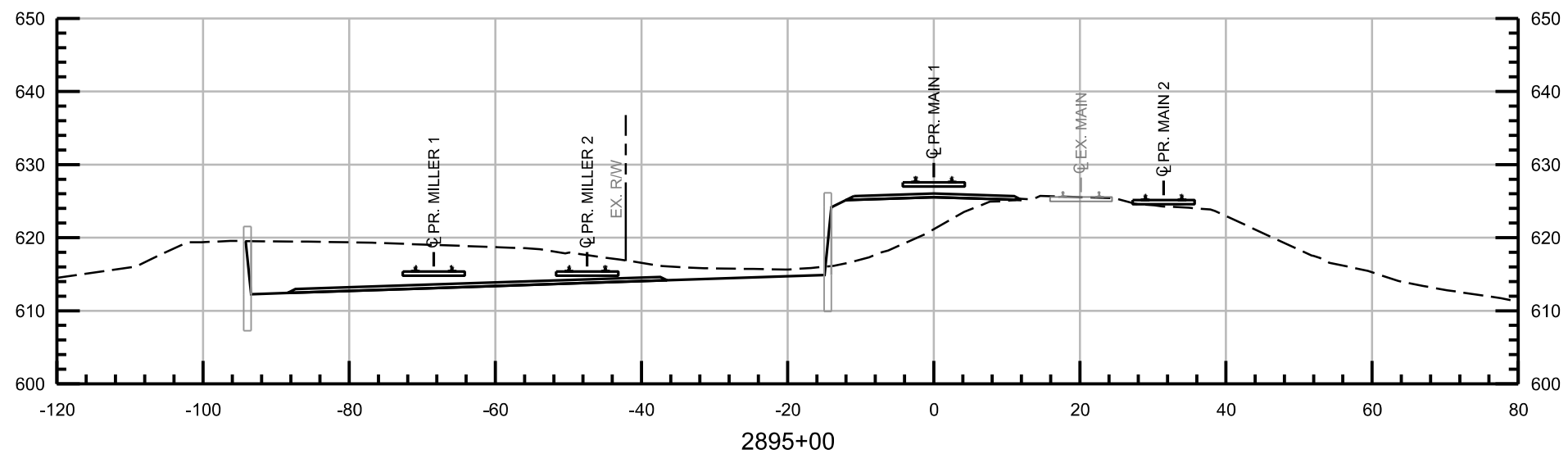
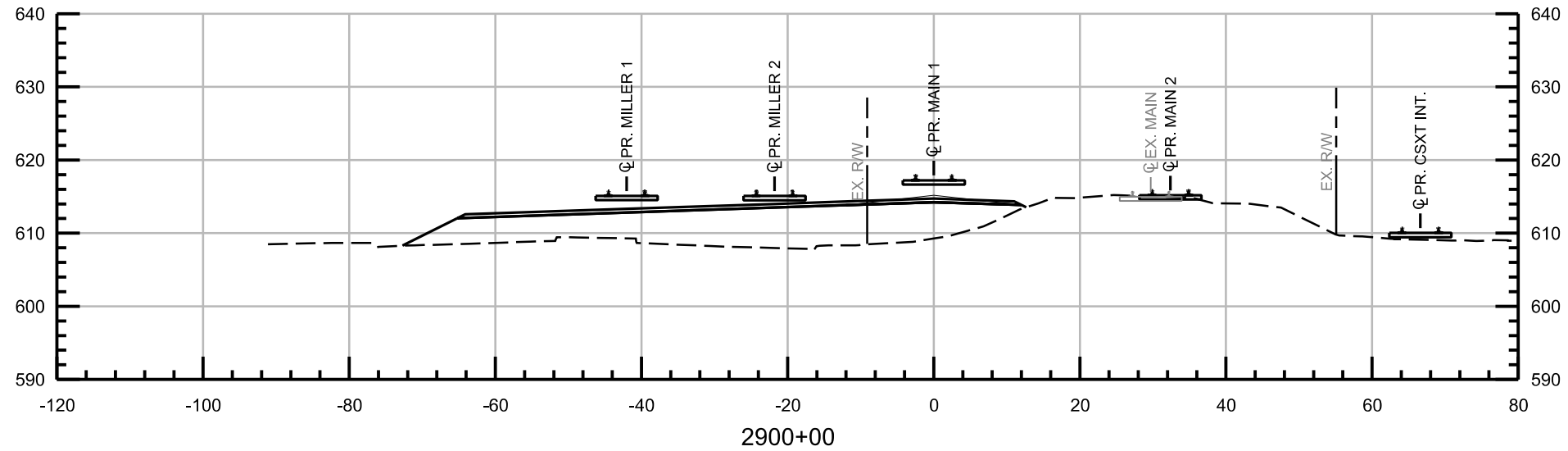


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

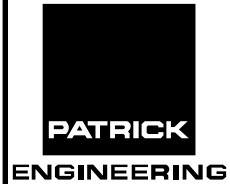


DESIGNED:	PEI-KEK
DRAWN:	PEI-KEK
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

CROSS SECTIONS STA 2875+00 TO STA 2890+00		SHEET 183 OF 193
FILENAME	NICTD_R_ML01_XS-0	
SCALE	AS NOTED	



NOT FOR CONSTRUCTION SERIES RXS-037 OF RXS-046

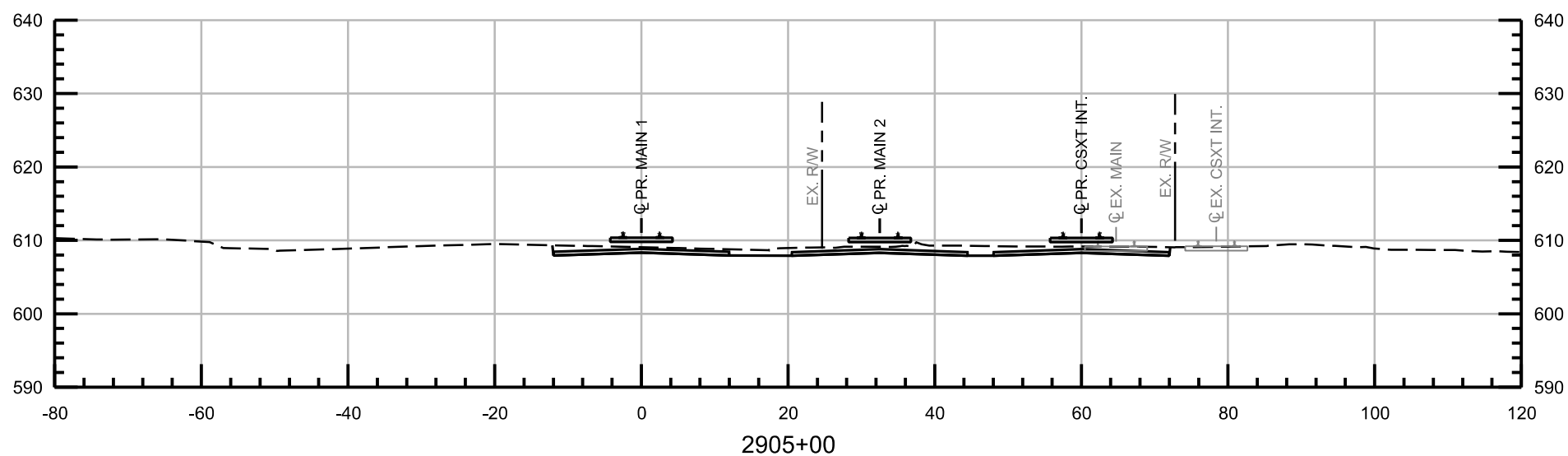
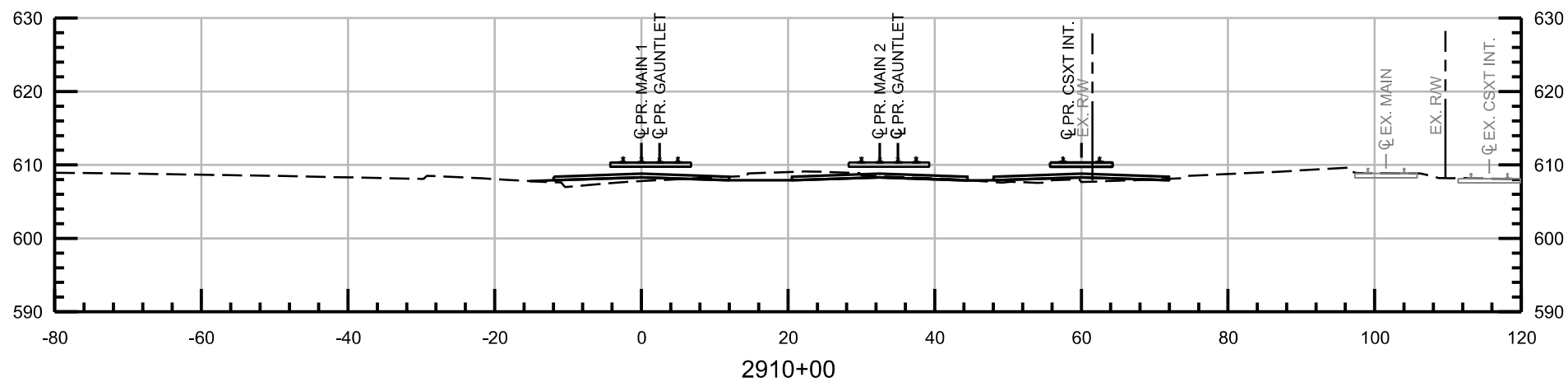


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-KEK
DRAWN:	PEI-KEK
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET 184 OF 193
CROSS SECTIONS STA 2895+00 TO STA 2900+00		
FILENAME	NICTD_R_ML01_XS-0	
SCALE	AS NOTED	



NOT FOR CONSTRUCTION SERIES RXS-038 OF RXS-046



HDR Engineering, Inc.
8550 W Bryn Mawr Ave., Suite 900
Chicago, IL 60631
www.hdrinc.com



PATRICK
ENGINEERING

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



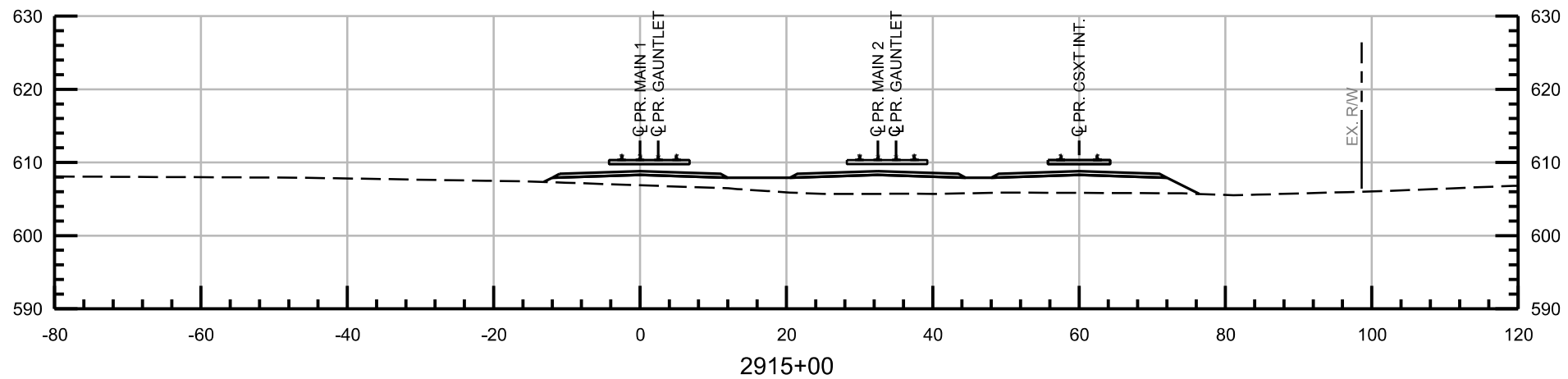
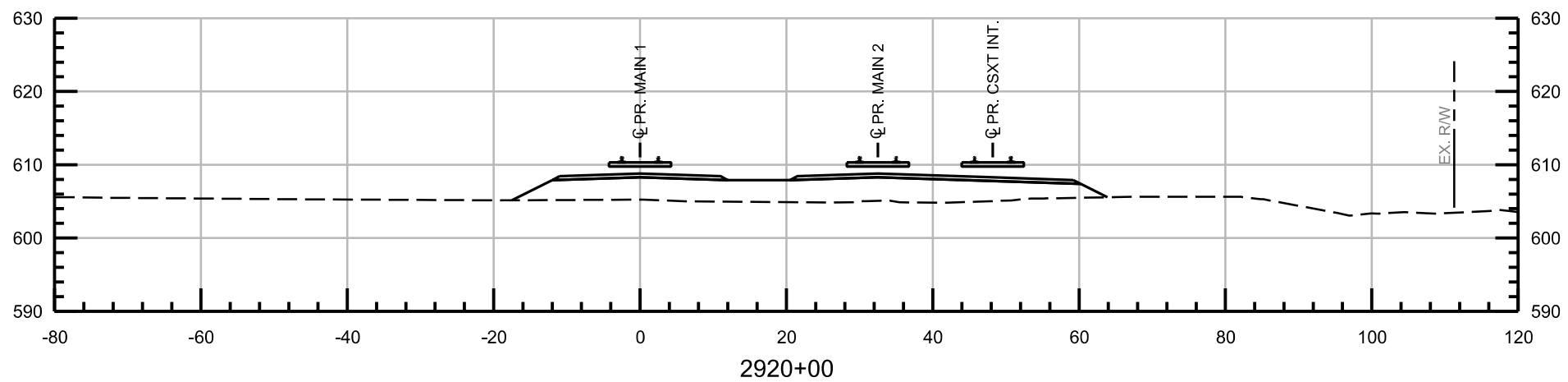
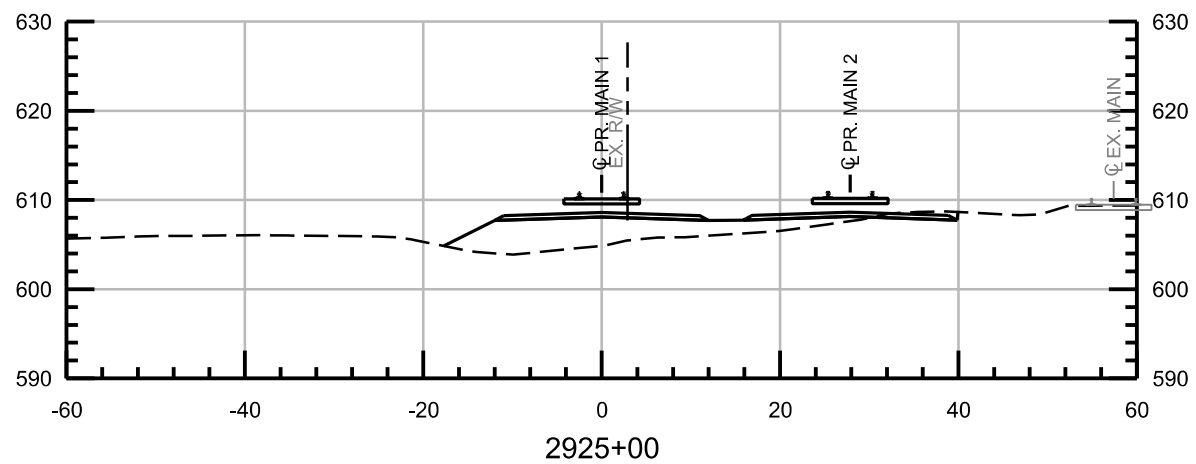
NORTHERN INDIANA COMMUTER
TRANSPORTATION DISTRICT
33 East Highway 12
Chesterton, Indiana 46304



MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	PEI-KEK
DRAWN:	PEI-KEK
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET
CROSS SECTIONS STA 2905+00 TO STA 2910+00		
FILENAME	NICTD_R_ML01_XS-0	185 OF 193
SCALE	AS NOTED	



NOT FOR CONSTRUCTION SERIES RXS-039 OF RXS-046



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Chicago, IL 60631
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ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



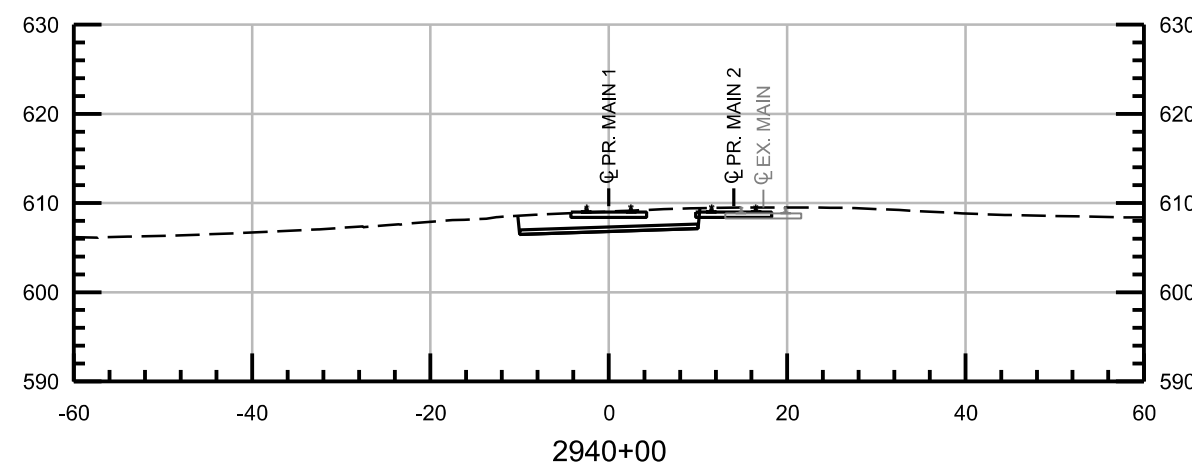
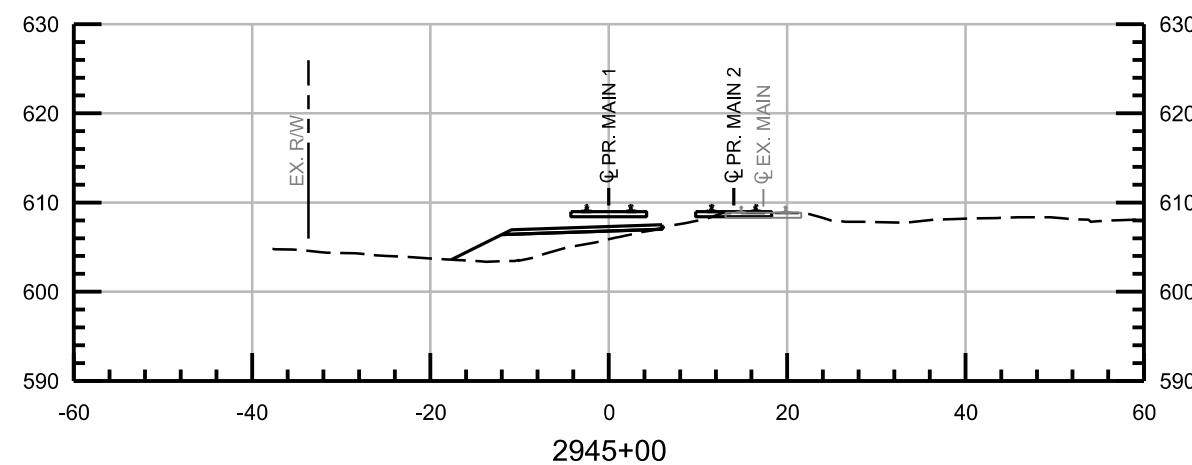
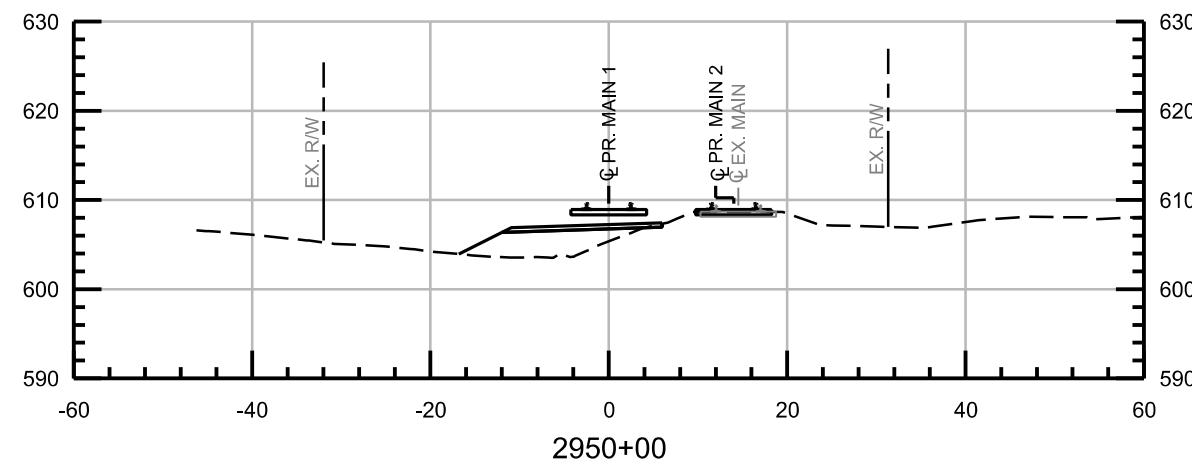
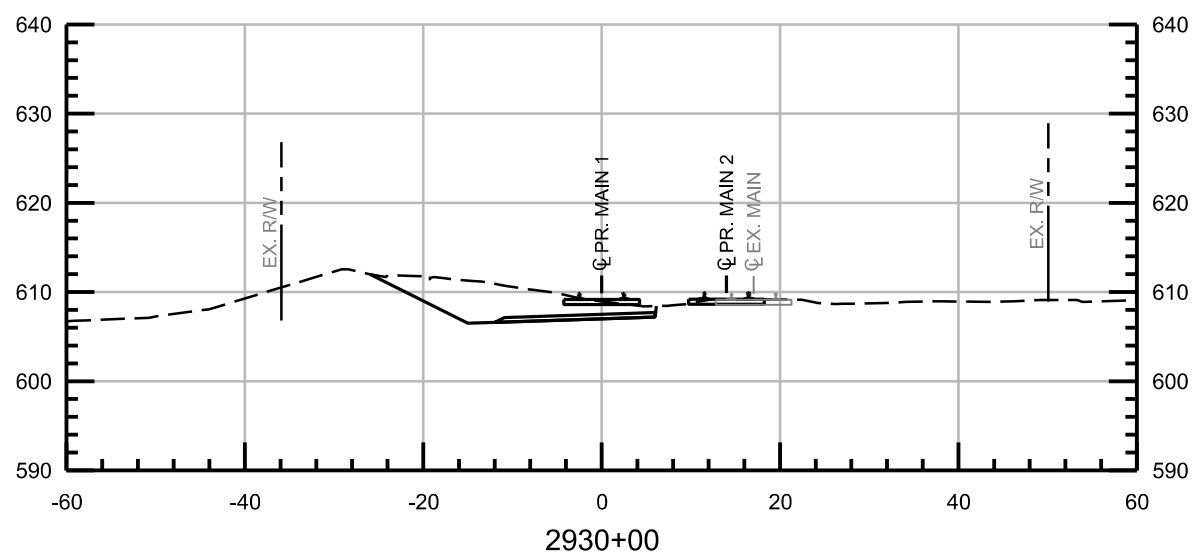
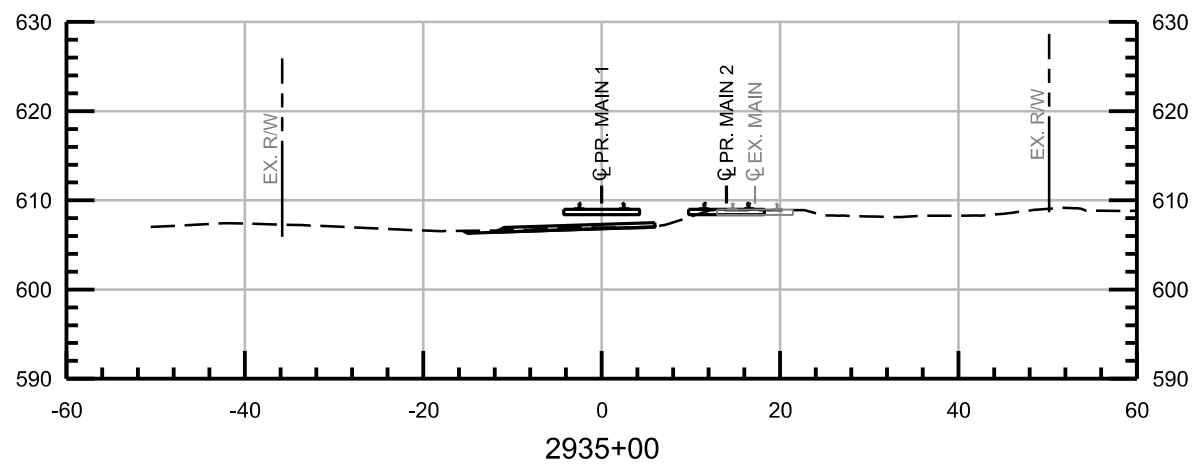
NORTHERN INDIANA COMMUTER
TRANSPORTATION DISTRICT
33 East Highway 12
Chesterton, Indiana 46304



MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	PEI-KEK
DRAWN:	PEI-KEK
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET
CROSS SECTIONS STA 2915+00 TO STA 2925+00		
FILENAME	NICTD_R_ML01_XS-0	186 OF 193
SCALE	AS NOTED	



NOT FOR CONSTRUCTION SERIES RXS-040 OF RXS-046

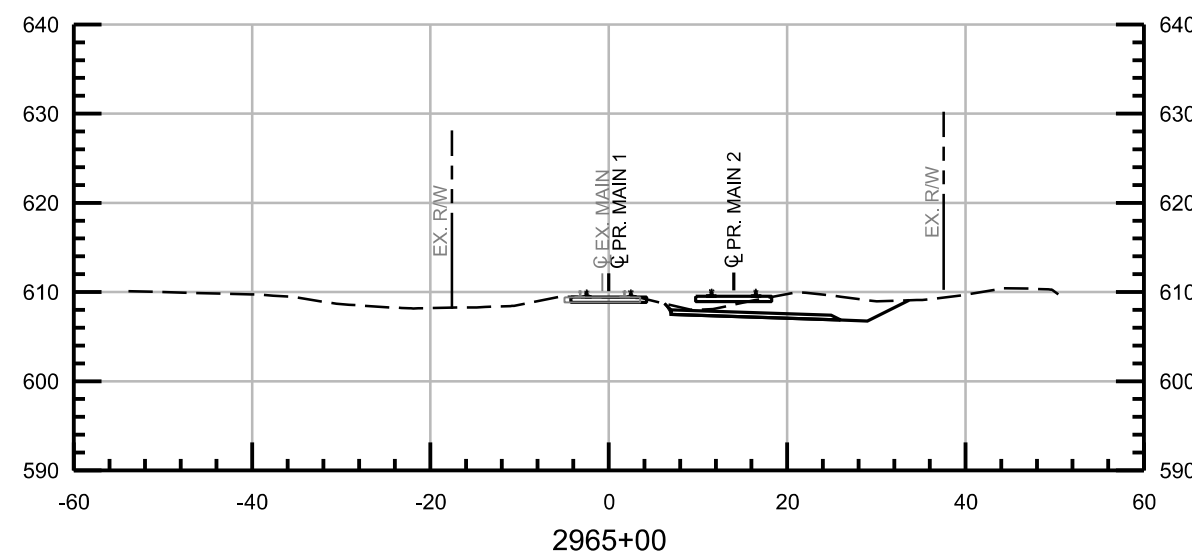
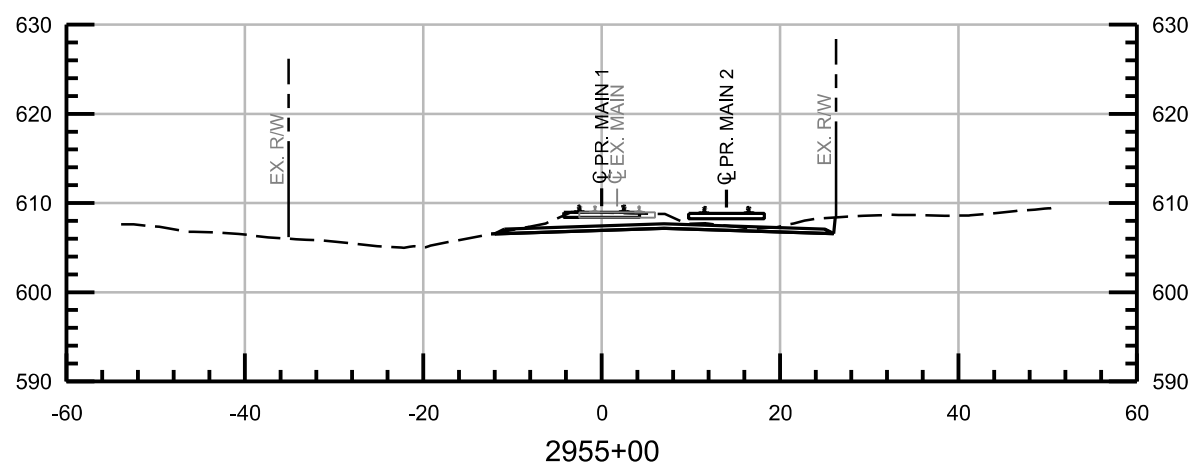
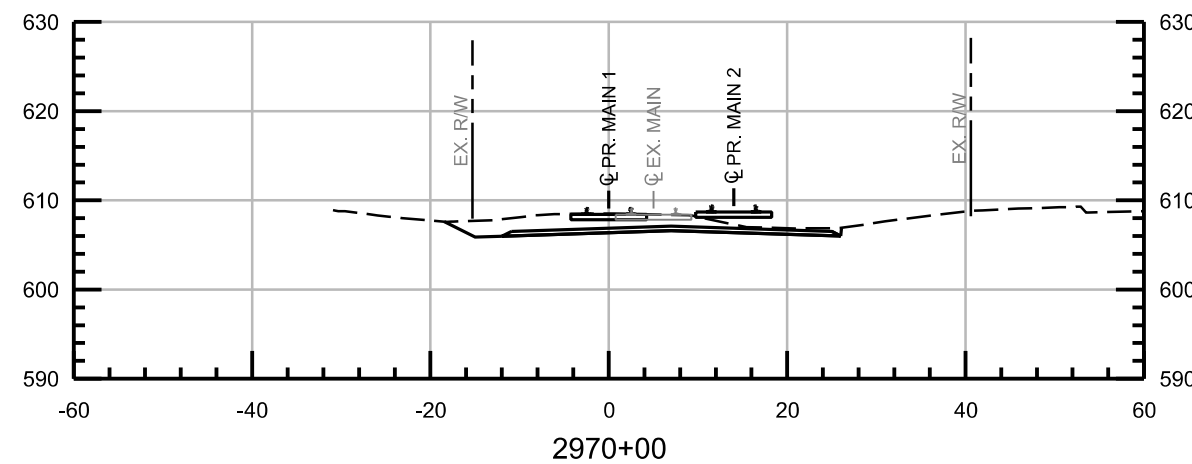
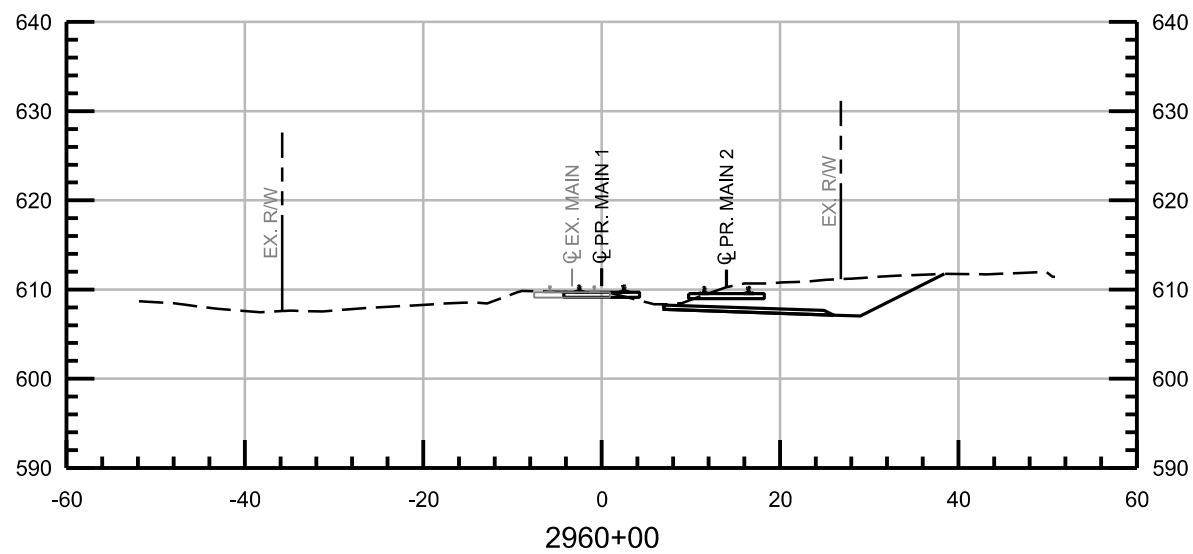


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-KEK
DRAWN:	PEI-KEK
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET
CROSS SECTIONS STA 2930+00 TO STA 2950+00		
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SCALE	AS NOTED	



NOT FOR CONSTRUCTION SERIES RXS-041 OF RXS-046

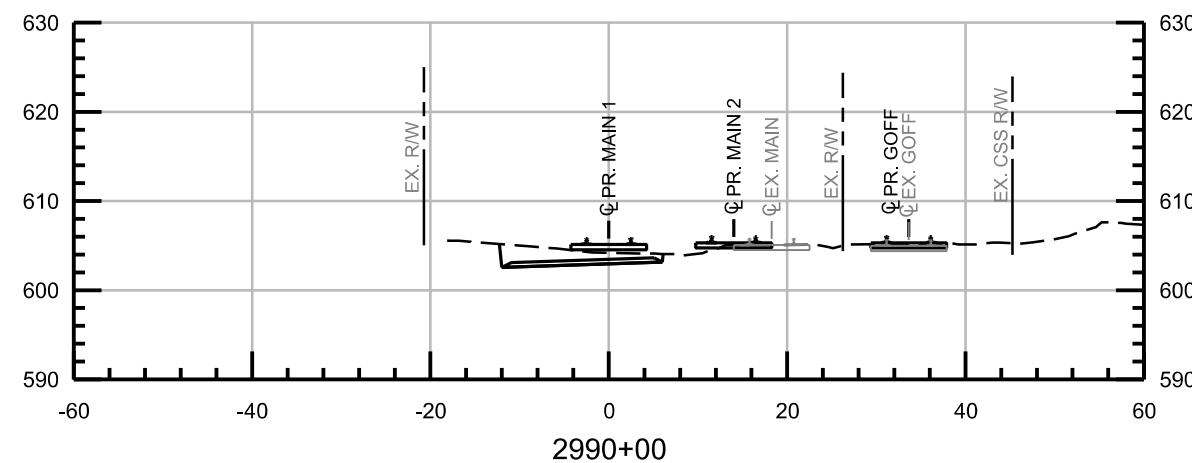
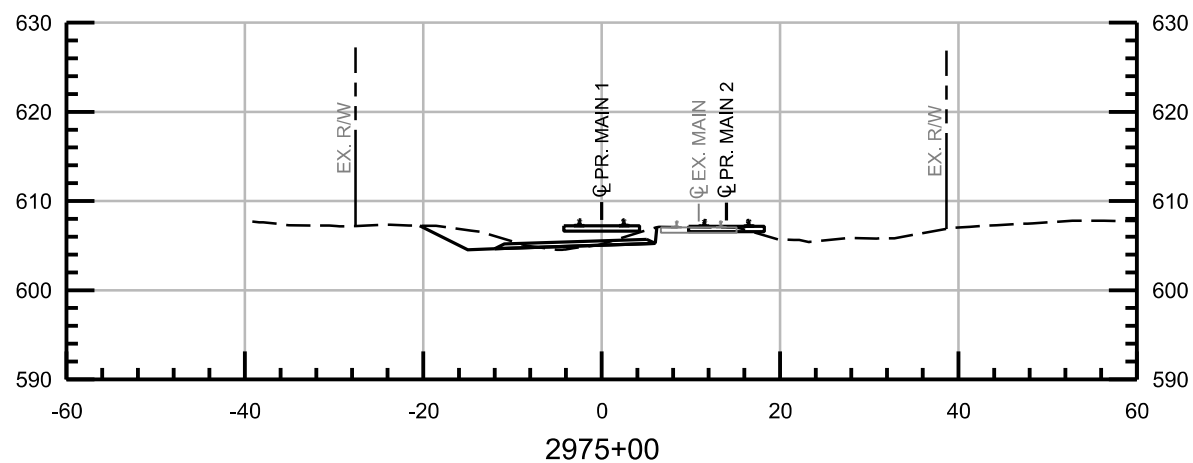
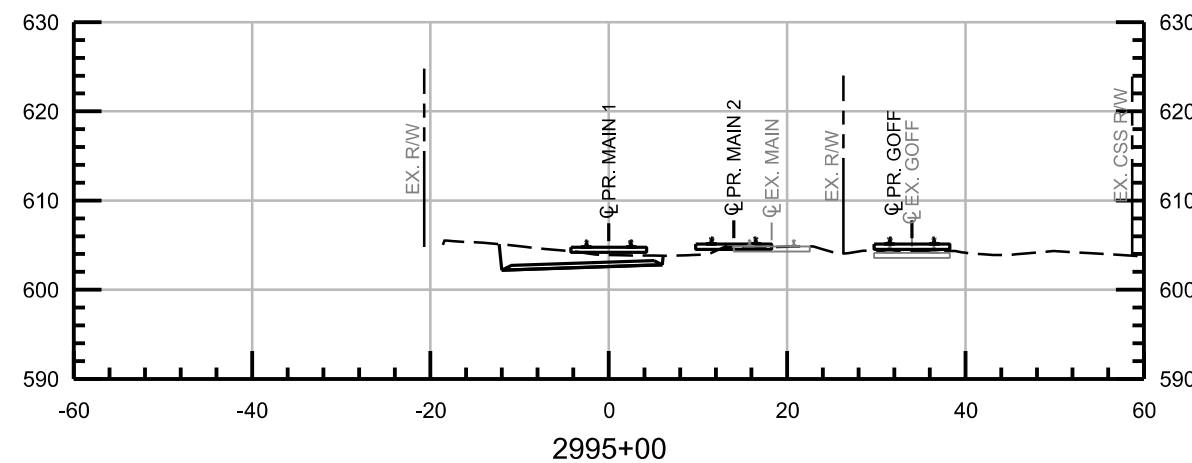
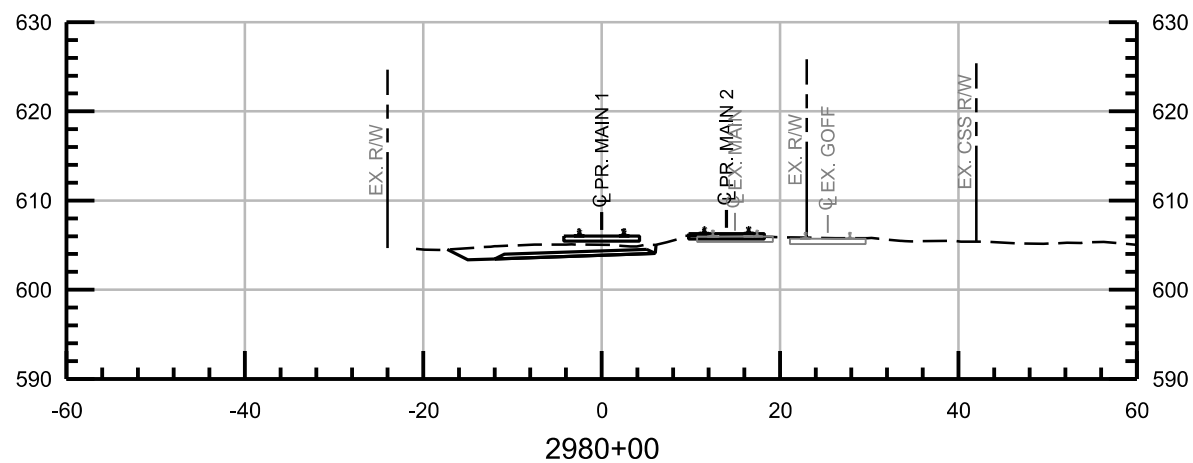
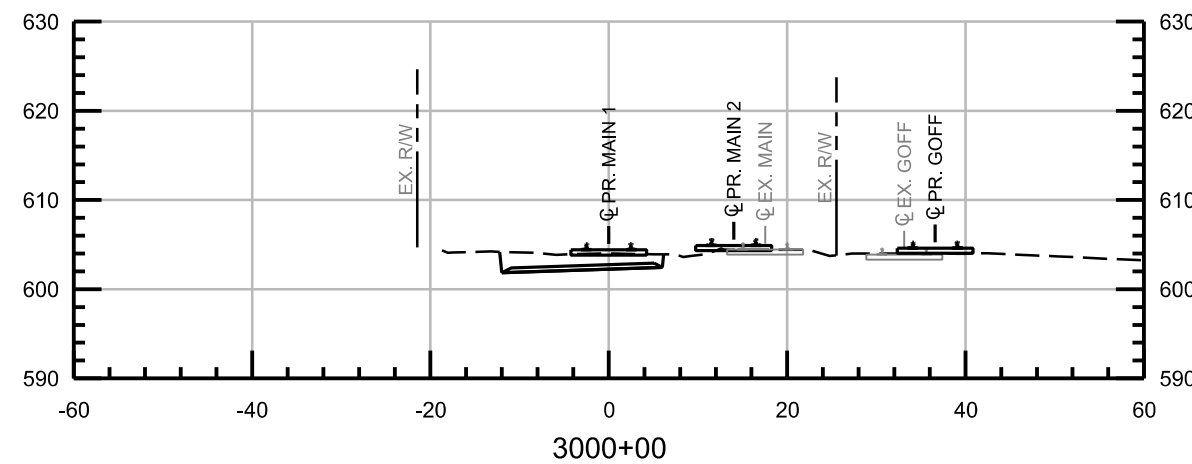
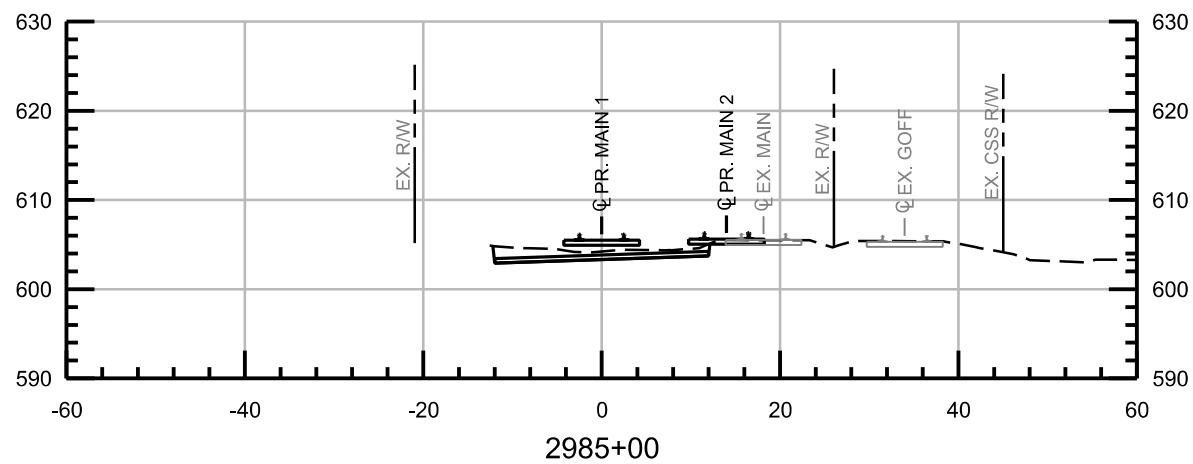


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-KEK
DRAWN:	PEI-KEK
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		CROSS SECTIONS STA 2955+00 TO STA 2970+00
FILENAME	NICTD_R_ML01_XS-0	
SCALE	AS NOTED	SHEET 188 OF 193



NOT FOR CONSTRUCTION SERIES RXS-042 OF RXS-046

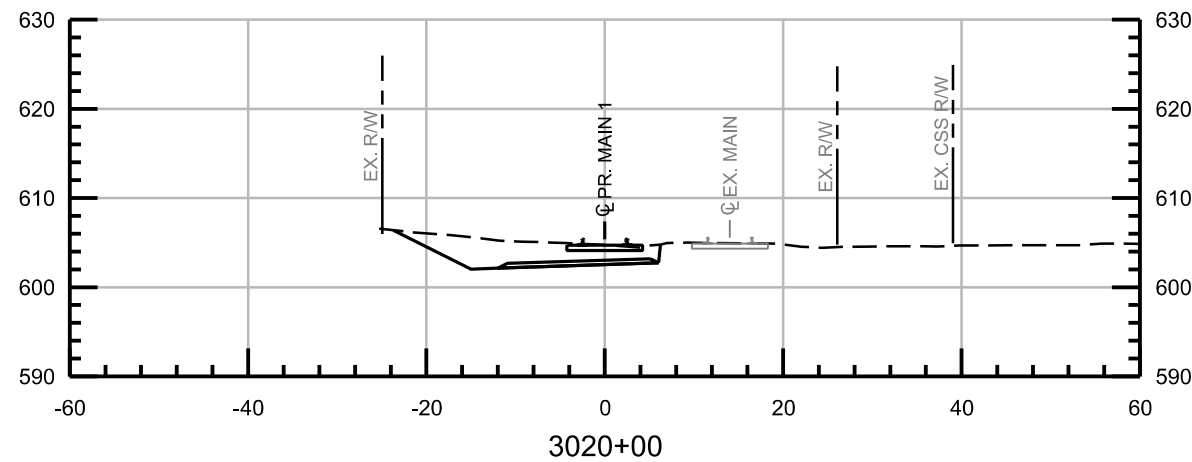
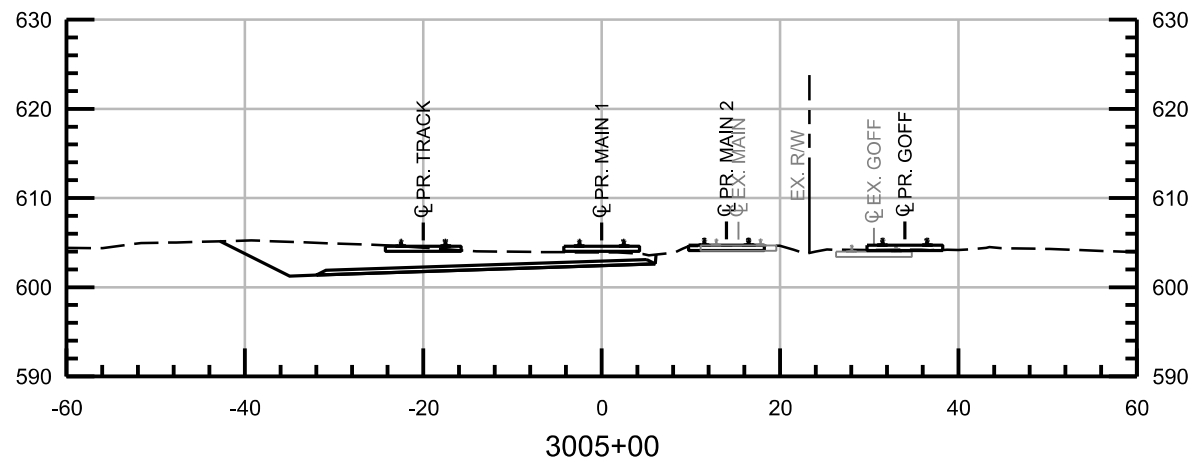
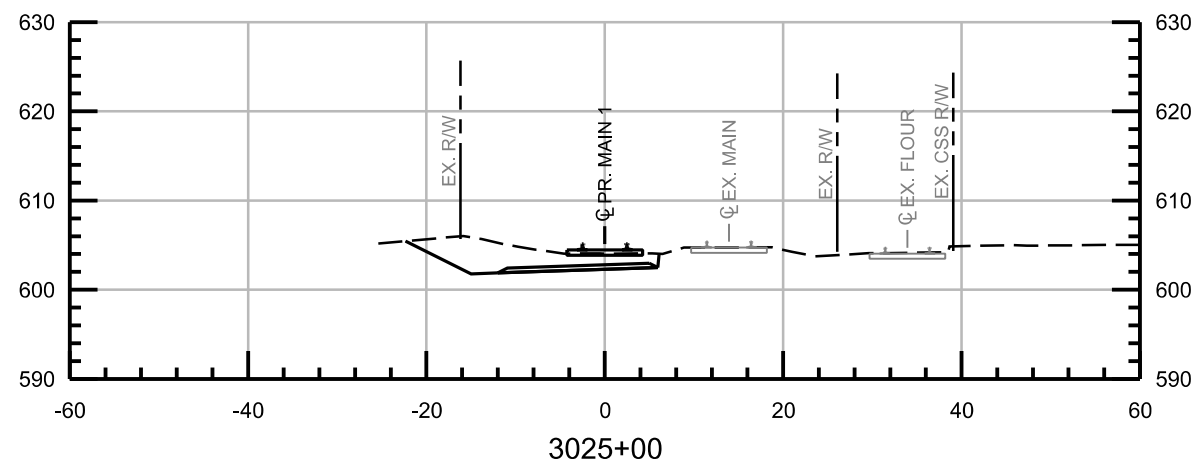
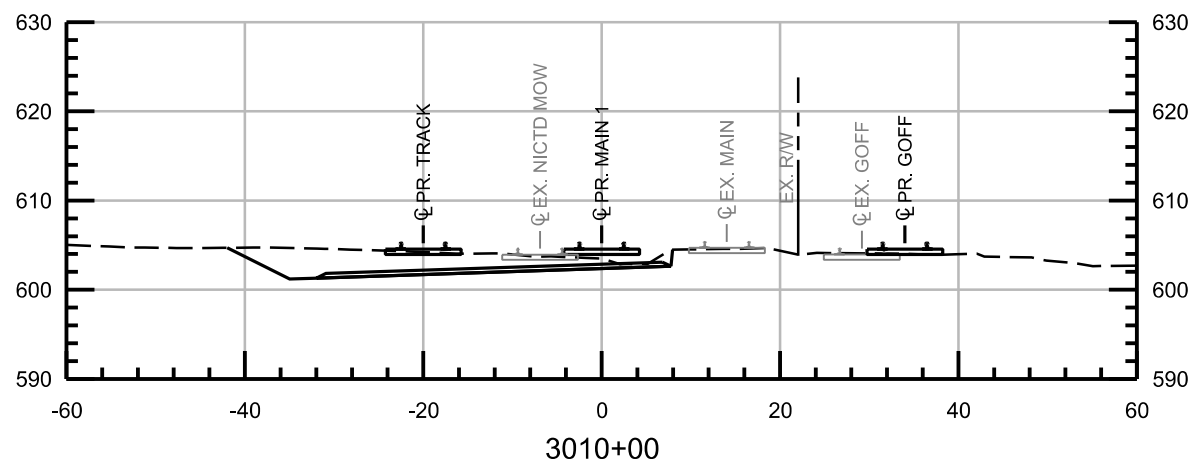
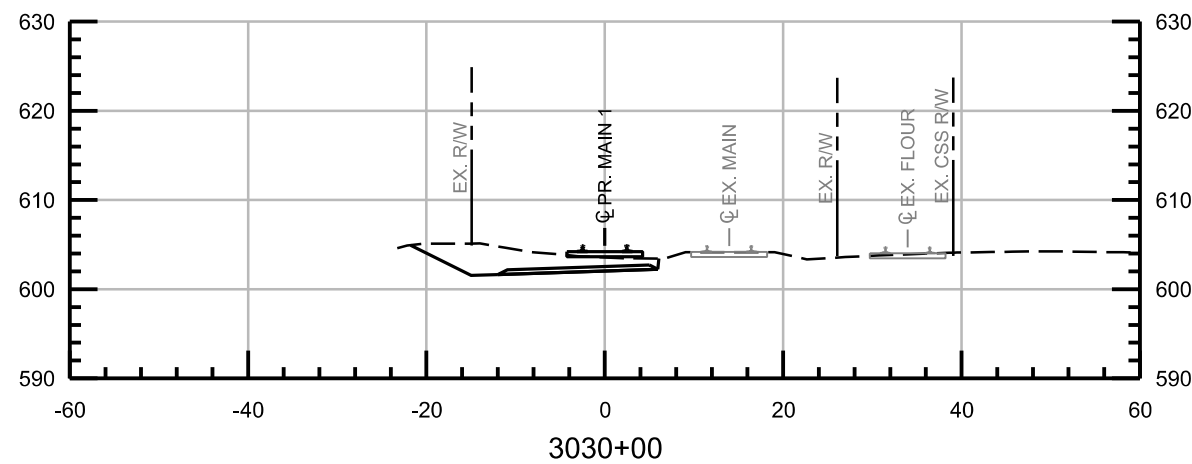
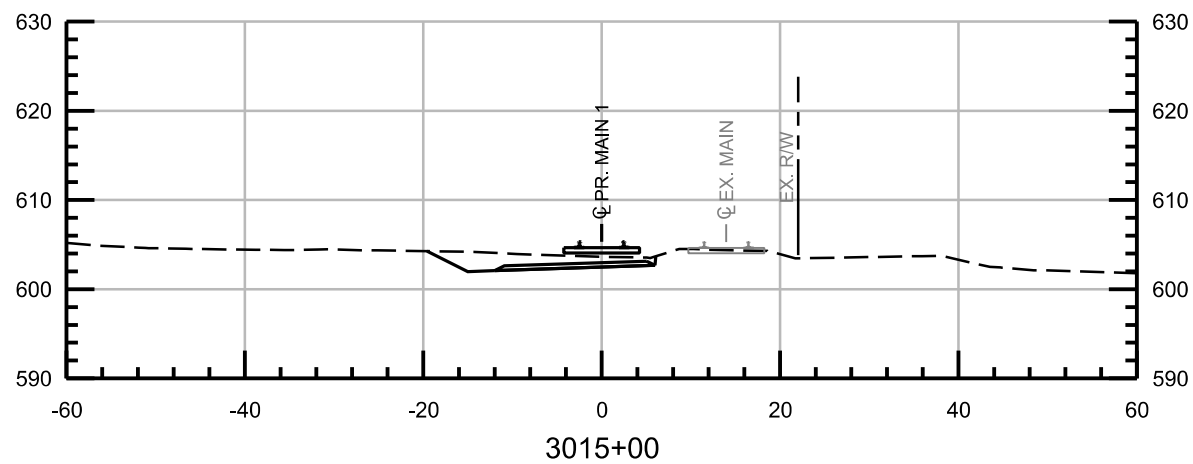


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-KEK
DRAWN:	PEI-KEK
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET 189 OF 193
CROSS SECTIONS STA 2975+00 TO STA 3000+00		
FILENAME	NICTD_R_ML01_XS-0	
SCALE	AS NOTED	



NOT FOR CONSTRUCTION SERIES RXS-043 OF RXS-046



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ENGINEERING

ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



NORTHERN INDIANA COMMUTER
TRANSPORTATION DISTRICT
33 East Highway 12
Chesterton, Indiana 46304



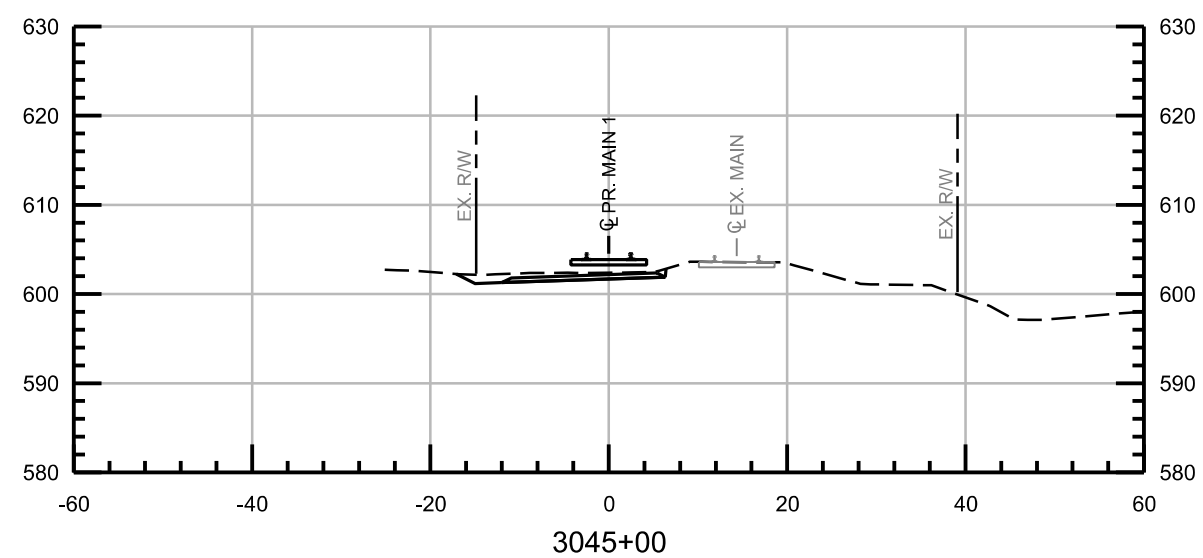
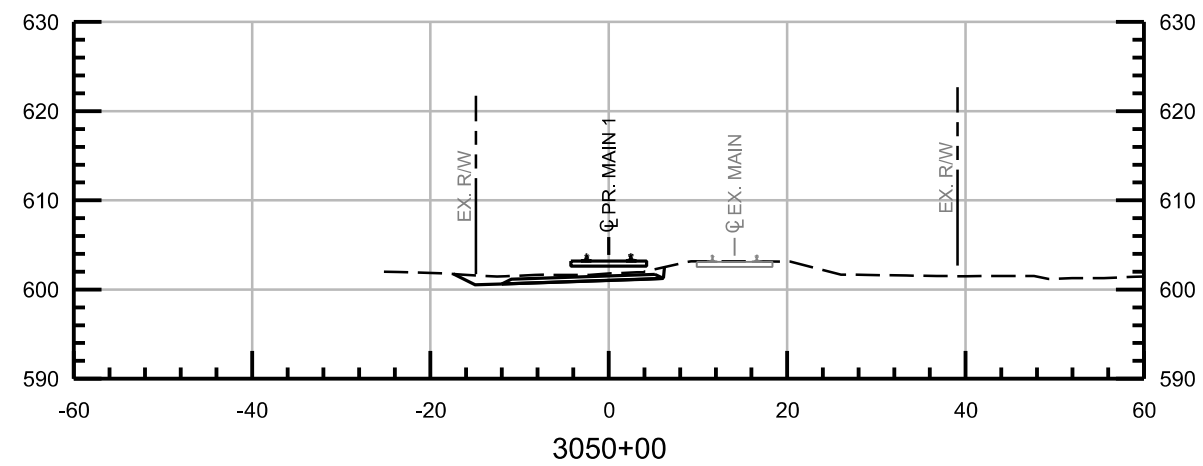
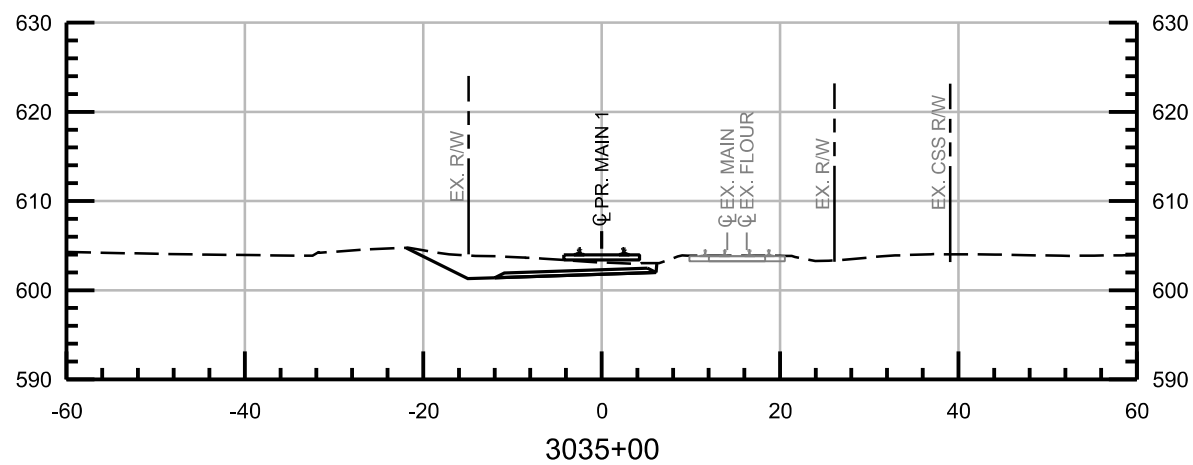
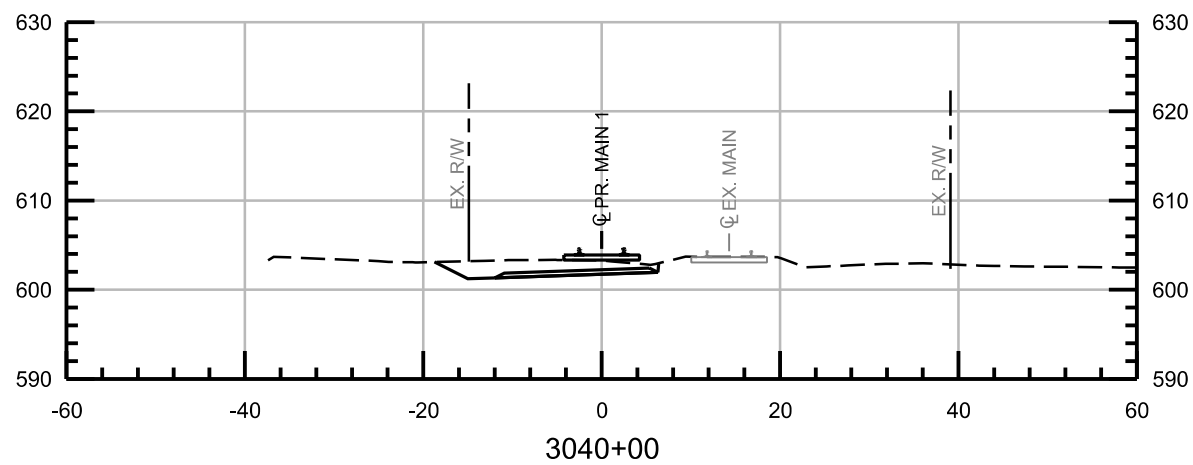
MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	PEI-KEK
DRAWN:	PEI-KEK
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI
CROSS SECTIONS
STA 3005+00 TO STA 3030+00

FILENAME	NICTD_R_ML01_XS-0
SCALE	AS NOTED

SHEET
190 OF 193



NOT FOR CONSTRUCTION SERIES RXS-044 OF RXS-046

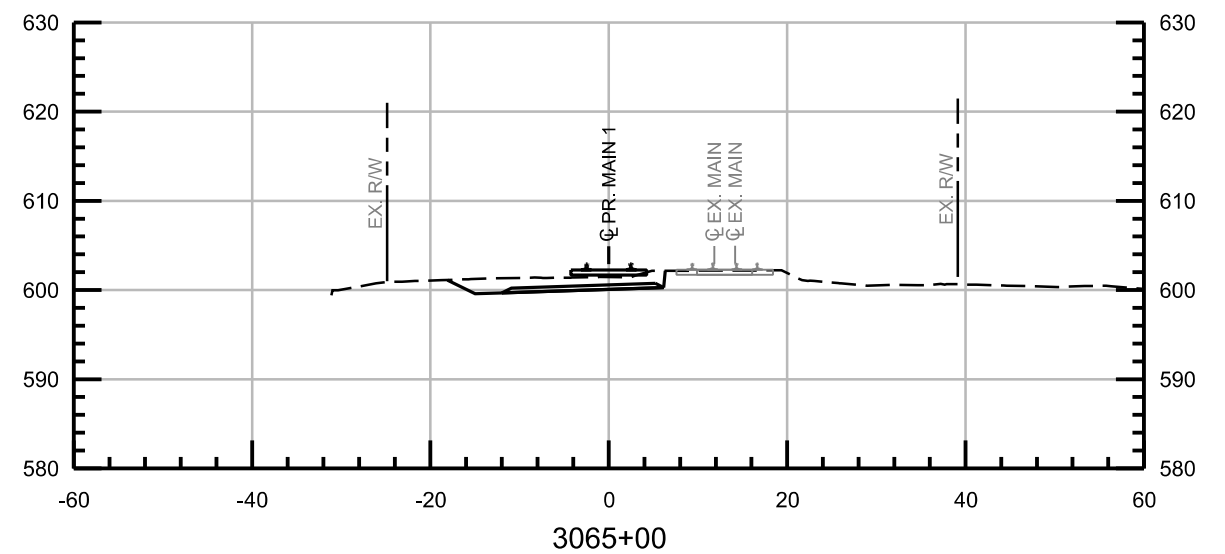
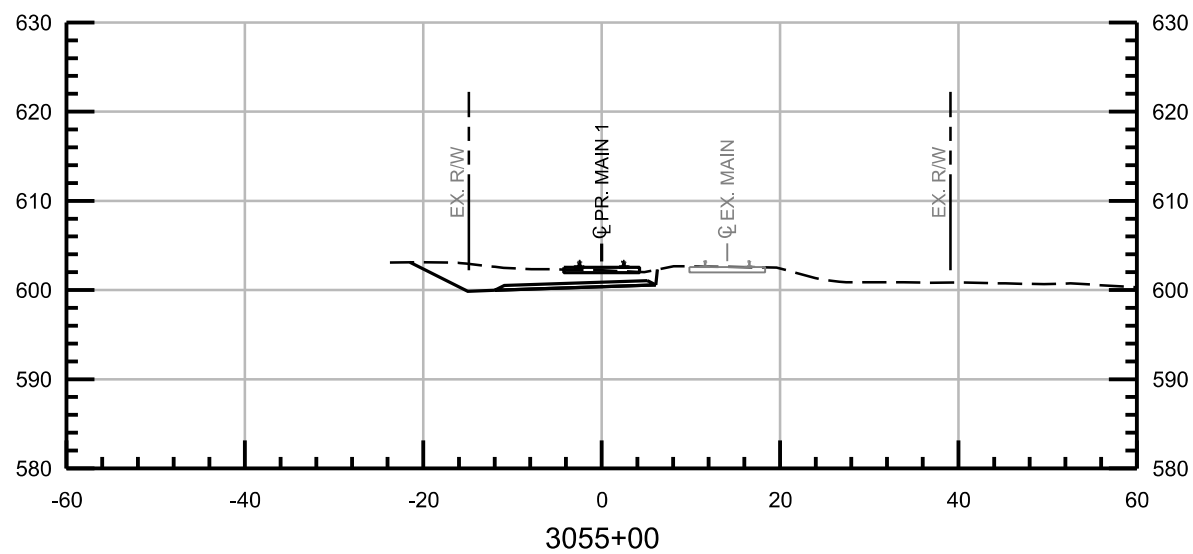
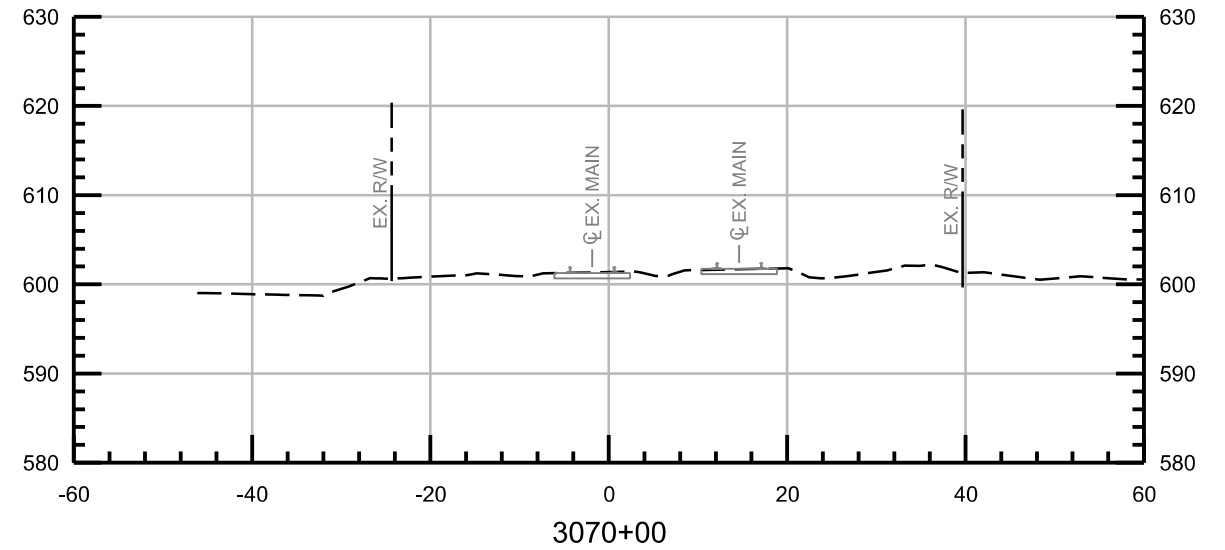
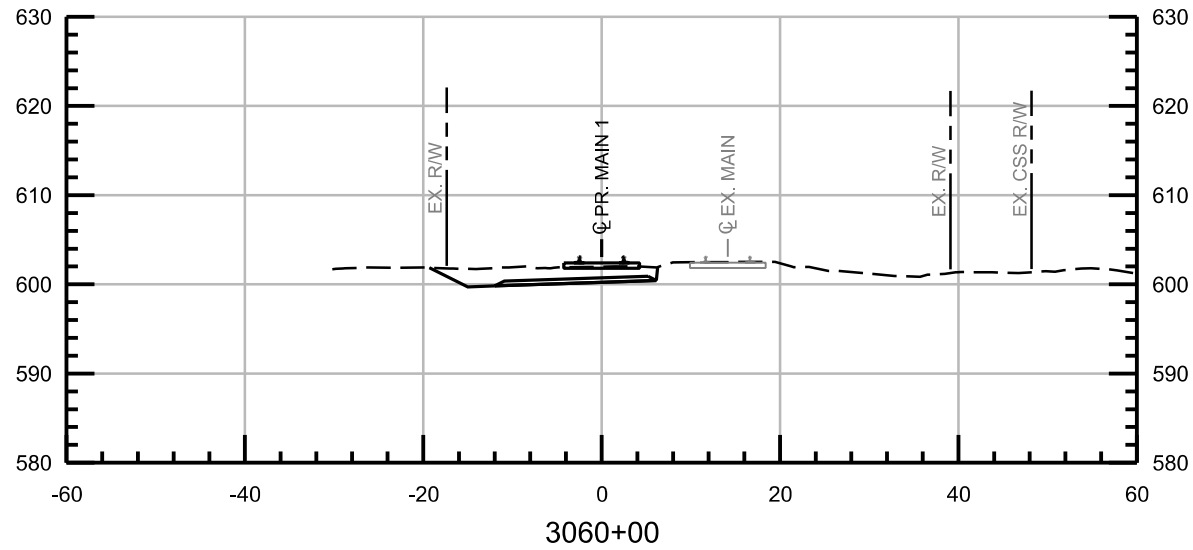


ISSUE	DATE	DESCRIPTION
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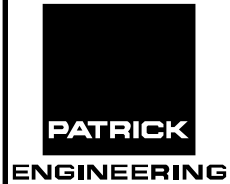


DESIGNED:	PEI-KEK
DRAWN:	PEI-KEK
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET
CROSS SECTIONS STA 3035+00 TO STA 3050+00		
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SCALE	AS NOTED	



NOT FOR CONSTRUCTION SERIES RXS-045 OF RXS-046

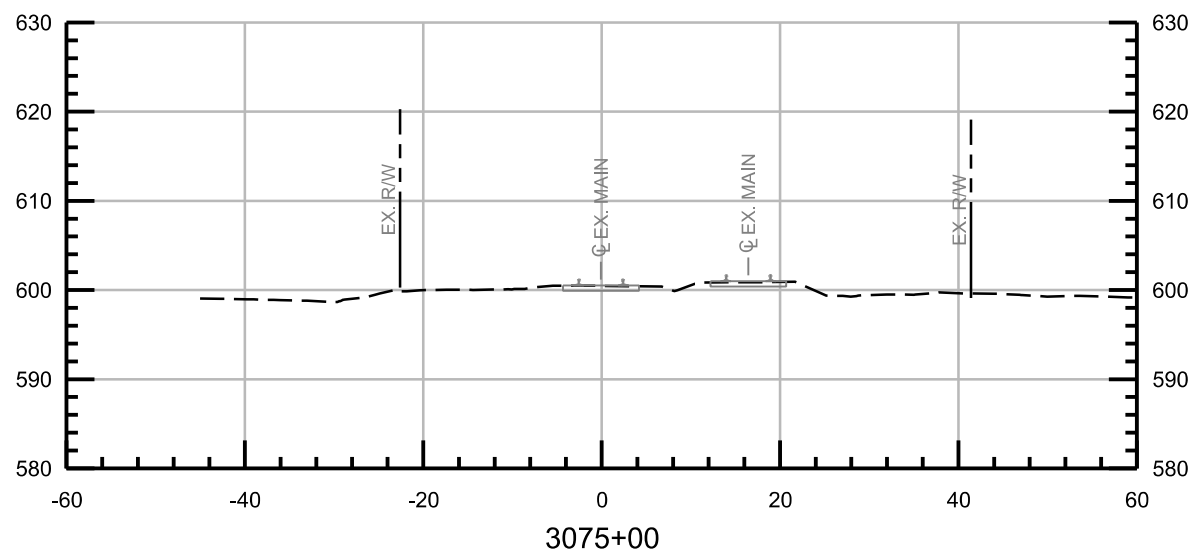
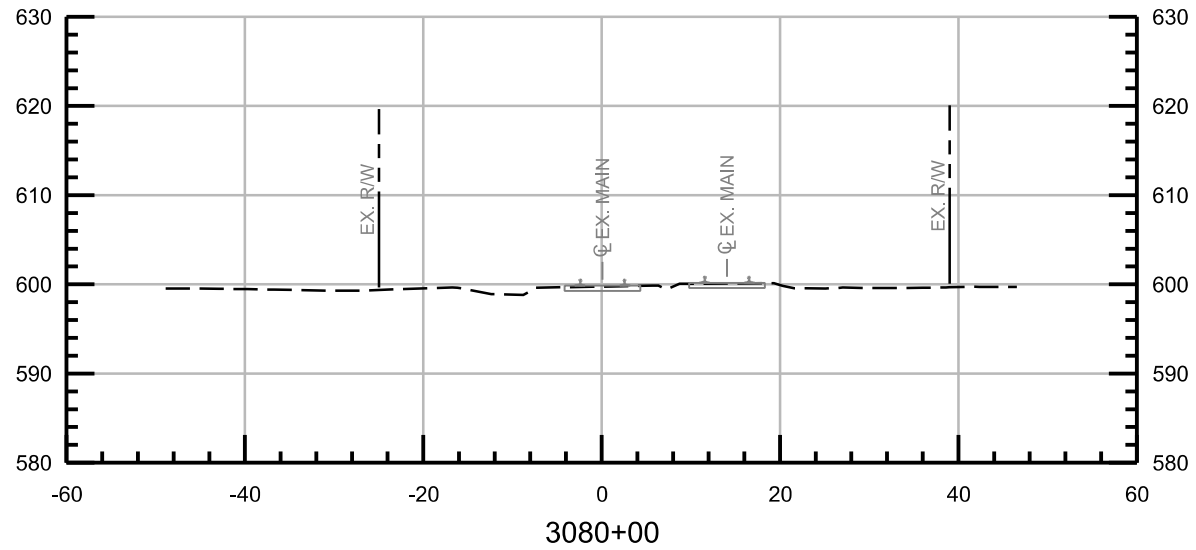


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-KEK
DRAWN:	PEI-KEK
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET 192 OF 193
CROSS SECTIONS STA 3055+00 TO STA 3070+00		
FILENAME	NICTD_R_ML01_XS-0	
SCALE	AS NOTED	



NOT FOR CONSTRUCTION SERIES RXS-046 OF RXS-046



ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	PEI-KEK
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DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		SHEET 193 OF 193
CROSS SECTIONS STA 3075+00 TO STA 3080+00		
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SCALE	AS NOTED	

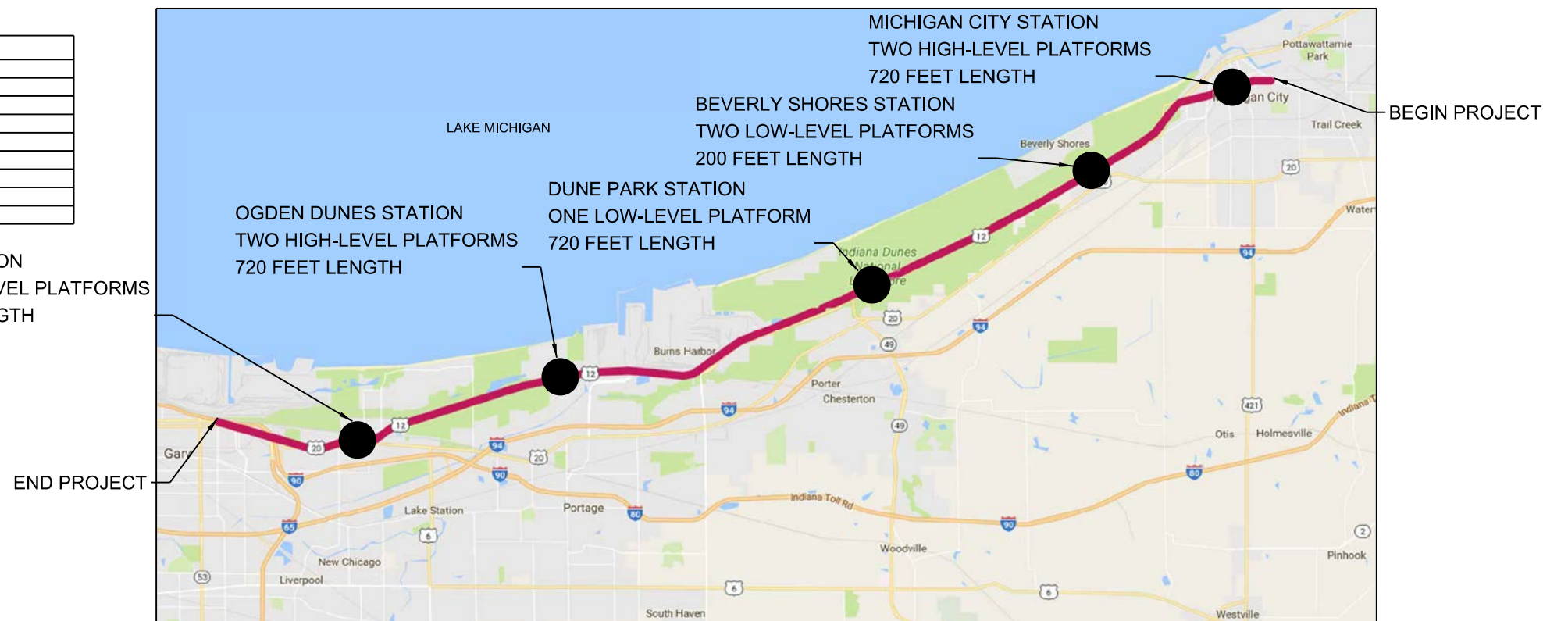
NORTHERN INDIANA COMMUTER TRANSPORTATION DISTRICT

DOUBLE TRACK NWI (NORTHWEST INDIANA)
MILEPOST 32.2 TO MILEPOST 58.8
MICHIGAN CITY TO GARY, INDIANA

PLATFORM DESIGN PLANS

SHEET INDEX

SHEET #	SERIES	DESCRIPTION
1	SPP-001	COVER SHEET
2	SPP-002	GENERAL NOTES & LEGEND
3-6	SPP-003 TO 006	TYPICAL SECTIONS
7-10	SPP-100 TO 103	MILLER
11-14	SPP-200 TO 203	OGDEN DUNES
15-17	SPP-300 TO 303	DUNE PARK
18-19	SPP-400 TO 401	BEVERLY SHORES
20-23	SPP-500 TO 503	MICHIGAN CITY
24-29	SPP-600 TO 605	PARKING LOTS



PLOT DATE: 5/12/2017 2:36:59 PM DBURMEIS



ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-RPB
DRAWN:	HDR-DCB
CHECKED:	HDR-LLO
DATE:	MAY 12, 2017

NOT FOR CONSTRUCTION SERIES SPP-001 OF SPP-605

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI

PLATFORM DESIGN PLANS COVER SHEET

FILENAME	platform_cover	SHEET
SCALE	AS NOTED	001 OF 029

LEGEND

STANDARD ABBREVIATIONS

	EXISTING TRACK		CONTROL POINT
	PROPOSED TRACK		PROPOSED RIGHT OF WAY
	WARMING SHELTER		EXISTING RIGHT OF WAY / PARCELS
	ASPHALT PEDESTRIAN CROSSING		EXISTING BUILDING
	TACTILE WARNING STRIP		ACCESS ROAD/TURNOUT PAD
	RAILING		WETLANDS
	WIND BREAK		STREAM OR DITCH
	ADA 5' CLEAR AREA		RIP RAP
	OVERHEAD POWER LINE		UTILITY POLE
	OVERHEAD FIBER		COMMUNICATION POLE
	FENCE		CROSSING SIGNAL
	TREE/SHRUB/VEGETATION		GUARDRAIL
	FIBER OPTIC		SIGNS (NON-RAILROAD)
	GAS LINE		GAS WARNING SIGN
	WATER LINE		RAILROAD SIGN
	EDGE OF GRAVEL		FIBER OPTIC MARKER
	FIBER OPTIC HAND HOLE		WHISTLE POST SIGN
	ELECTRIC METER		COMMUNICATION POLE
	ELECTRIC PEDESTAL		LIGHT POLE
	COMMUNICATION PEDESTAL		FIRE HYDRANT
			RAIL SIGNAL (DWFSIG)
			TRAFFIC SIGNAL

	FIBER OPTIC HAND HOLE
	ELECTRIC METER
	ELECTRIC PEDESTAL
	COMMUNICATION PEDESTAL
	CONTROL POINT
	GRADE CROSSING PAVEMENT MARKING
	EXISTING CROSSBUCK
	ACTIVE PEDESTRIAN CROSSING DEVICE
	TRACK TO BE REMOVED
	TRACK TO BE SHIFTED
	CONSTRUCTION LIMITS
	PROPOSED CROSSING SIGNAL
	PROPOSED DETENTION POND

ADA	AMERICAN DISABILITIES ACT
APPROX	APPROXIMATE
BLDG	BUILDING
BM	BENCH MARK
CB	CATCH BASIN
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CONC	CONCRETE
CY	CUBIC YARD
DI	DUCTILE IRON
DIAM.	DIAMETER
DOT	DEPARTMENT OF TRANSPORTATION
DWG	DRAWING
E	EASTING
EA	EACH
EL	ELEVATION
ENGR	ENGINEER
ELEV, EL	ELEVATION
EXIST, EX	EXISTING
FT	FOOT, FEET
G	GAS
GND	GROUND
HDPE	HIGH DENSITY POLYETHYLENE
HORZ	HORIZONTAL
HMA	HOT MIX ASPHALT
INV	INVERT
LIN FT, LF	LINEAR FOOT
LT	LEFT
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MP	MILE POST
N	NORTHING

NIC	NOT IN CONTRACT
N.T.S.	NOT TO SCALE
NO.	NUMBER
OHP	OVERHEAD POWER
PR, PROP	PROPOSED
R	RADIUS
REV	REVISION
RT	RIGHT
R/W, ROW	RIGHT-OF-WAY
S	SOUTH
SD	STORM DRAIN
SF	SQUARE FOOT
SS	SANITARY SEWER
STA	STATION
ST	STREET
STD	STANDARD
STM, SD	STORM SEWER, STORM DRAIN
TEMP	TEMPORARY
TOR	TOP OF RAIL
TRK	TRACK
TYP, TYP.	TYPICAL
W	WATER, WEST
XING	CROSSING
YD	YARD

GENERAL NOTES

- THIS IS A PRELIMINARY PLAN TO BE VERIFIED IN DETAILED DESIGN PHASES. THE EXISTENCE, LOCATION, AND ELEVATION OF UTILITIES AND/OR CONCEALED STRUCTURES AT THE PROJECT SITE ARE NOT GUARANTEED. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXISTENCE, LOCATION, AND ELEVATION OF ALL SUCH UTILITIES AND/OR STRUCTURE AND IS RESPONSIBLE FOR NOTIFYING THE APPROPRIATE COMPANY, DEPARTMENT, OR PERSON(S) OF ITS INTENTION TO CARRY OUT ITS OPERATIONS.

NOT FOR CONSTRUCTION SERIES SPP-002 OF SPP-605

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ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN

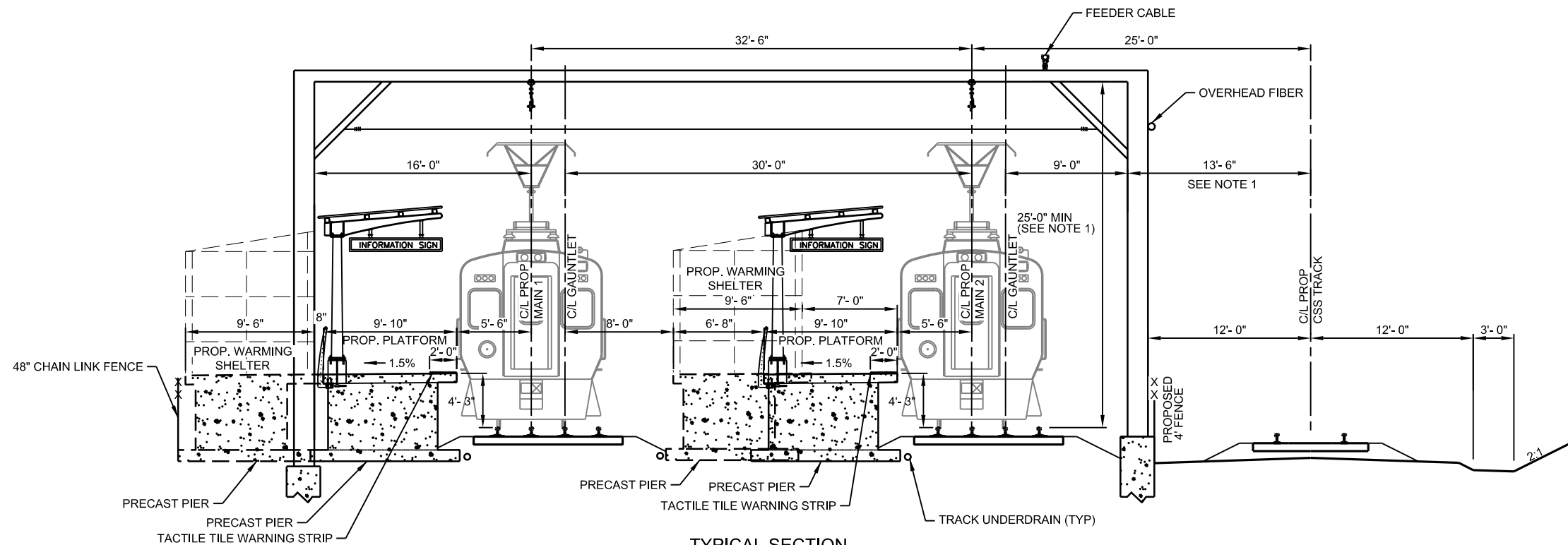
NORTHERN INDIANA COMMUTER
TRANSPORTATION DISTRICT
33 East Highway 12
Chesterton, Indiana 46304

DOUBLE TRACK N.W.I.
Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

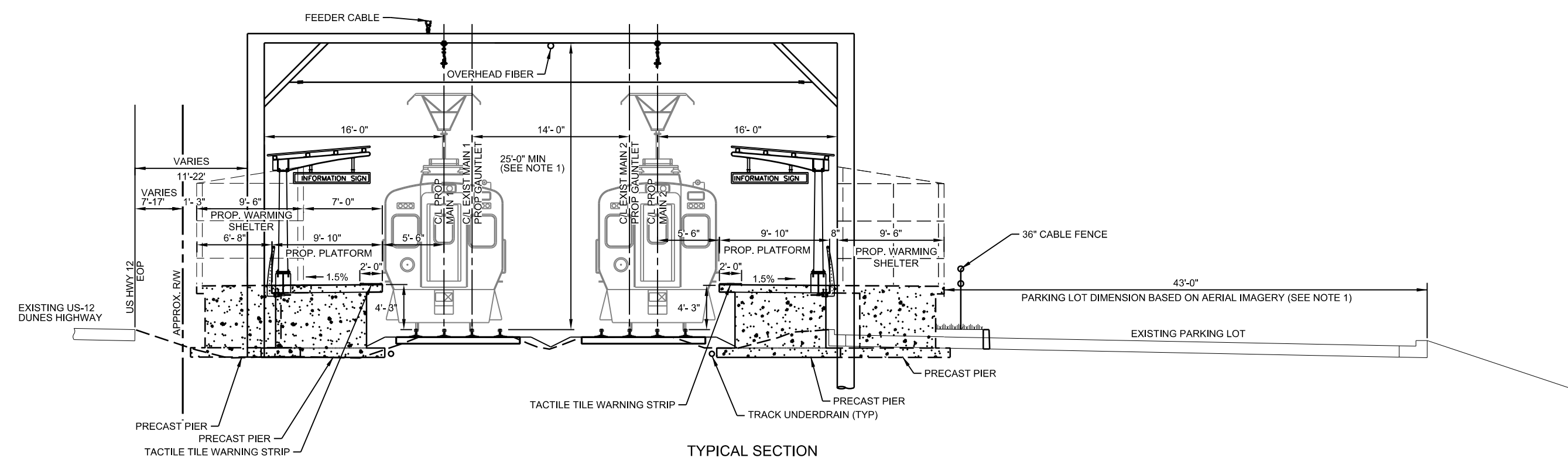
DESIGNED:	HDR-RPB
DRAWN:	HDR-DCB
CHECKED:	HDR-LLO
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI	
PLATFORM DESIGN PLANS GENERAL NOTES & LEGEND	
FILENAME	platform_Gen_Notes
SCALE	AS NOTED
SHEET	002 OF 029

PLOT DATE: 5/12/2017 2:37:04 PM DBURMEIS



**TYPICAL SECTION
MILLER STATION WITH TWO PLATFORMS**
NOT TO SCALE



**TYPICAL SECTION
OGDEN DUNES STATION WITH TWO PLATFORMS**
NOT TO SCALE

- NOTE:**
1. TRACK, SYSTEM, & CIVIL ELEMENTS SHOWN FOR INFORMATIONAL PURPOSES ONLY. SEE TRACK, SYSTEM, & CIVIL SHEETS FOR ADDITIONAL DETAIL.
 2. FEEDER CABLES SHALL NOT BE LOCATED ABOVE PROPOSED WARMING SHELTERS. SEE SYSTEMS PLANS FOR ADDITIONAL DETAIL.

NOT FOR CONSTRUCTION SERIES SPP-003 OF SPP-605



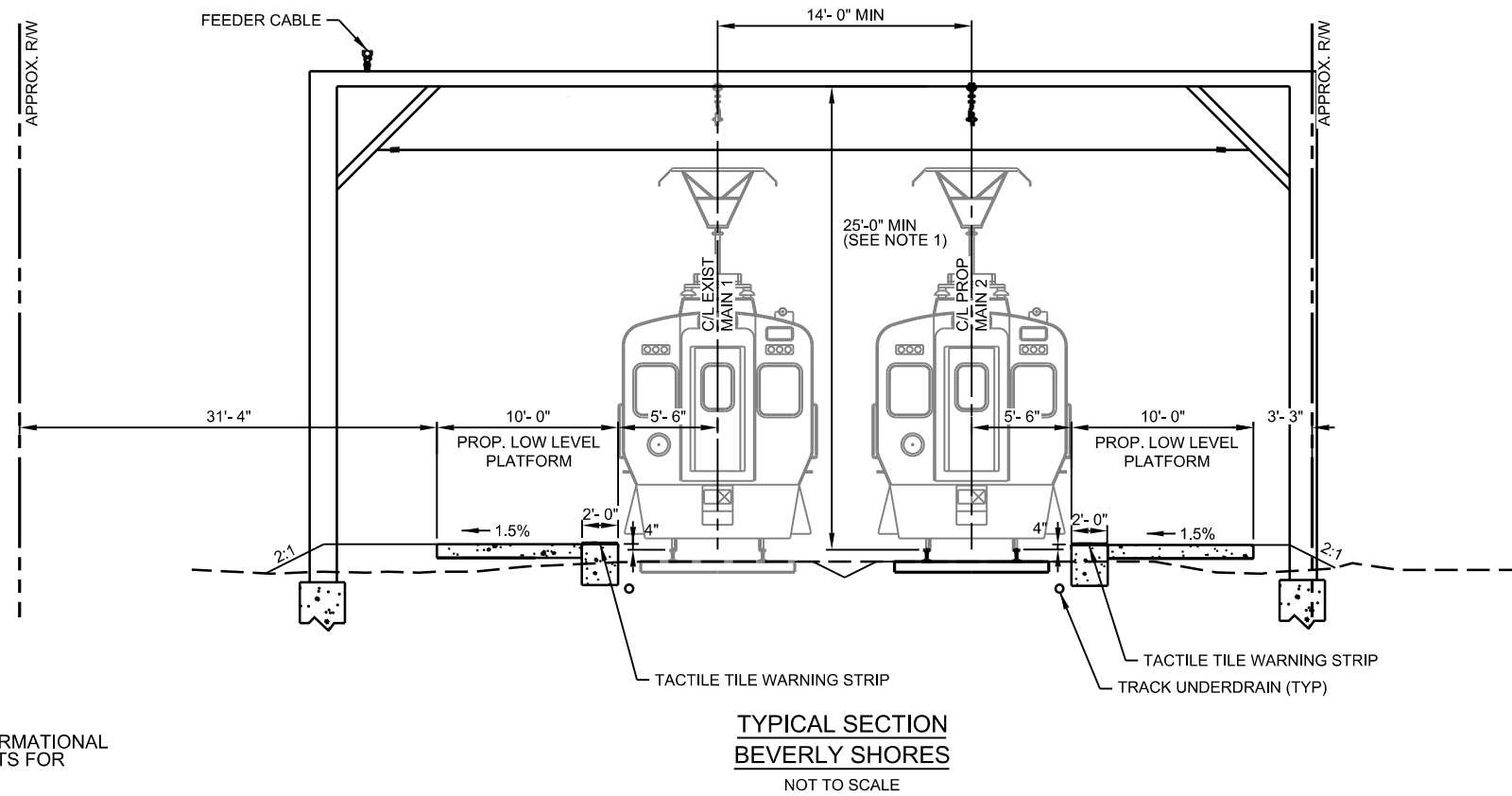
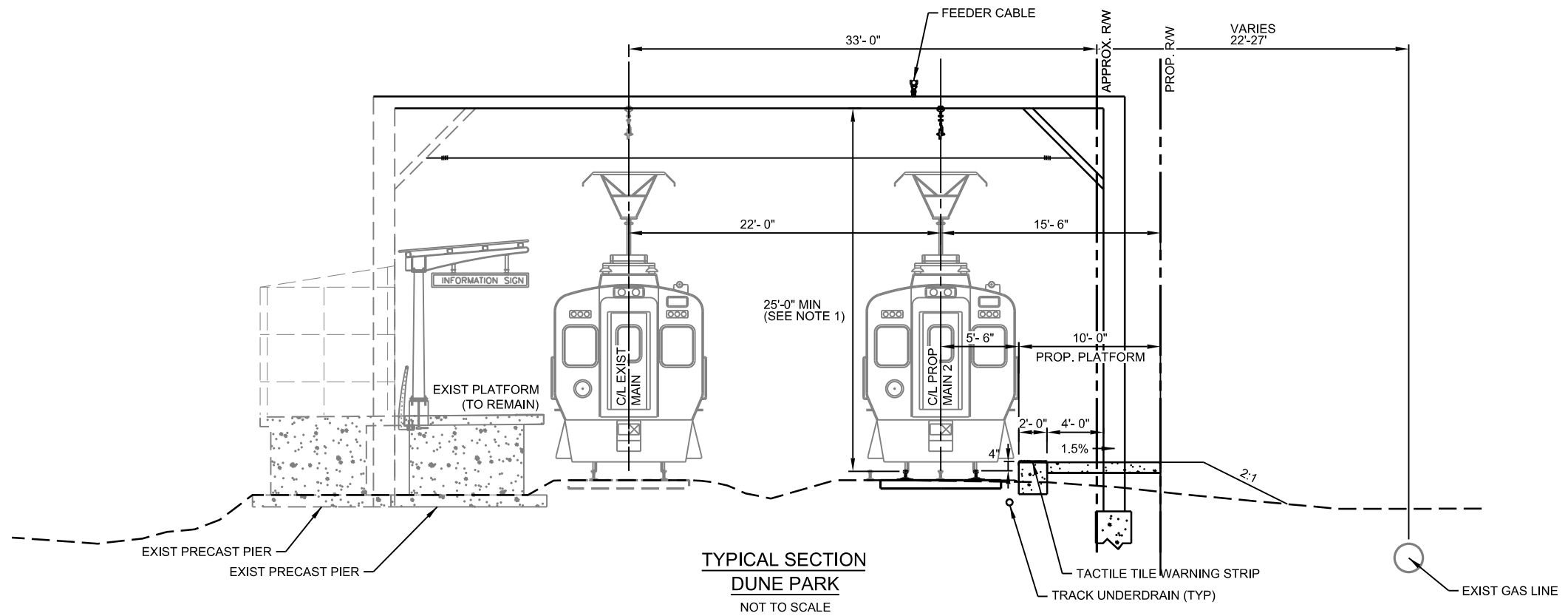
ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-RPB
DRAWN:	HDR-DCB
CHECKED:	HDR-LLO
DATE:	MAY 12, 2017

FILENAME	NICTD-R-ML01-TS-00.dgn	SHEET	003 OF 029
SCALE	AS NOTED		

PLOT DATE: 5/17/2017 10:44:36 AM DBURMEIS



- NOTE:**
1. TRACK, SYSTEM, & CIVIL ELEMENTS SHOWN FOR INFORMATIONAL PURPOSES ONLY. SEE TRACK, SYSTEM, & CIVIL SHEETS FOR ADDITIONAL DETAIL.
 2. FEEDER CABLES SHALL NOT BE LOCATED ABOVE PROPOSED WARMING SHELTERS. SEE SYSTEMS PLANS FOR ADDITIONAL DETAIL.

NOT FOR CONSTRUCTION SERIES SPP-004 OF SPP-605



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ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



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TRANSPORTATION DISTRICT
33 East Highway 12
Chesterton, Indiana 46304

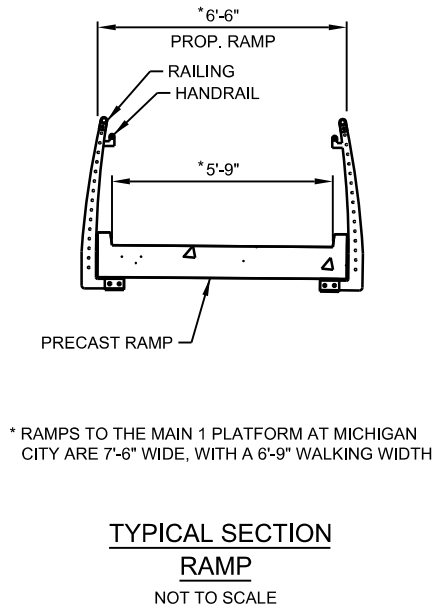
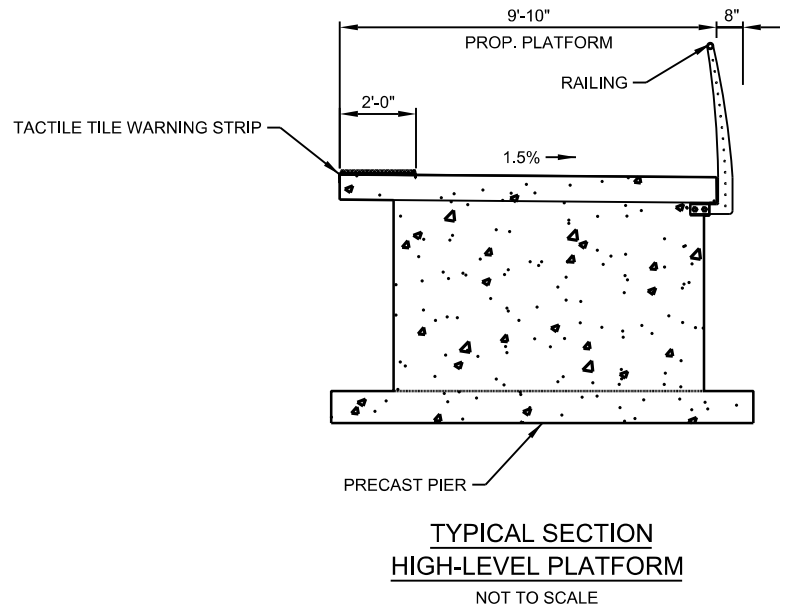
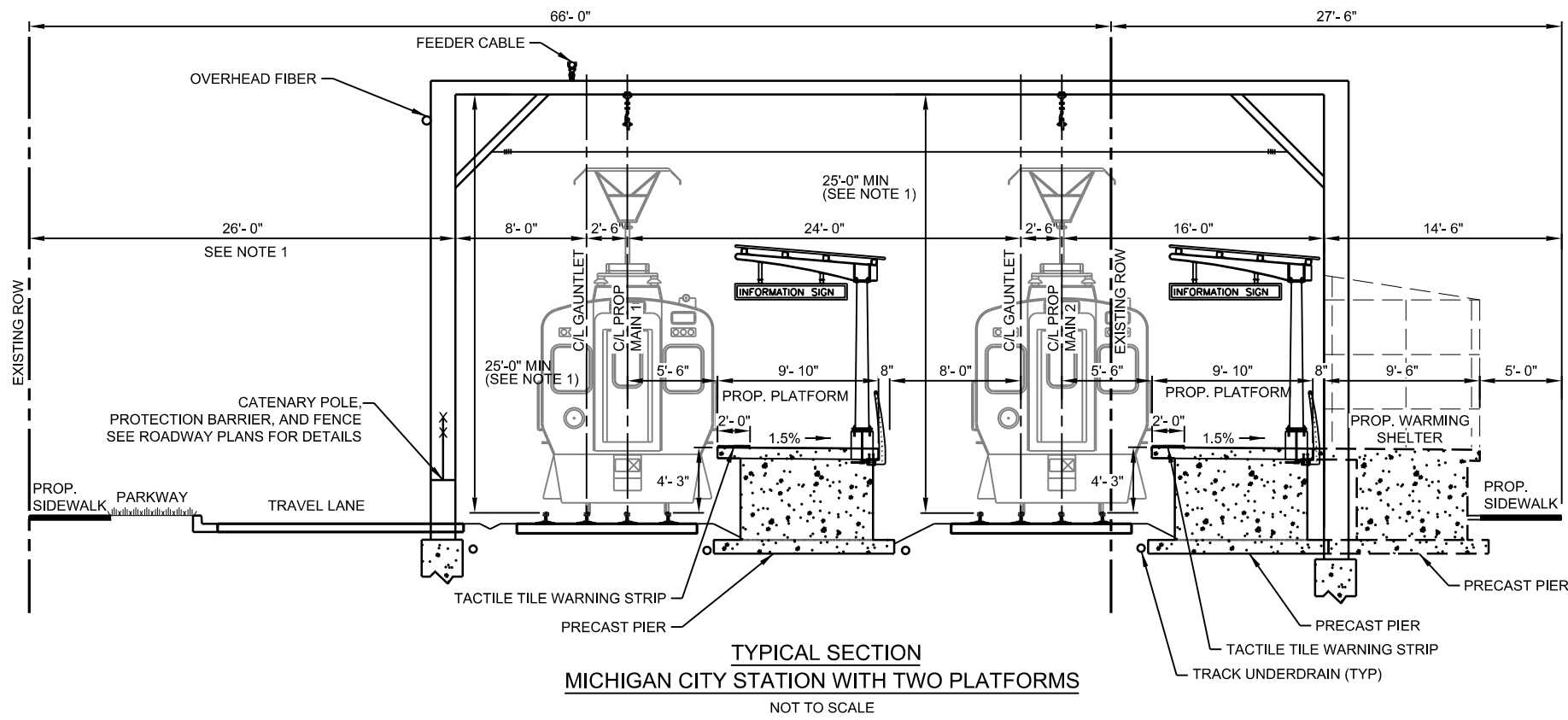


Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	HDR-RPB
DRAWN:	HDR-DCB
CHECKED:	HDR-LLO
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI	
PLATFORM DESIGN PLANS TYPICAL SECTIONS	
FILENAME	NICTD-R-ML01-TS-00.dgn
SCALE	AS NOTED
SHEET	004 OF 029

PLOT DATE: 5/16/2017 1:59:02 PM DBURMEIS



* RAMP TO THE MAIN 1 PLATFORM AT MICHIGAN CITY ARE 7'-6" WIDE, WITH A 6'-9" WALKING WIDTH

- NOTE:
1. TRACK, SYSTEM, & CIVIL ELEMENTS SHOWN FOR INFORMATIONAL PURPOSES ONLY. SEE TRACK, SYSTEM, & CIVIL SHEETS FOR ADDITIONAL DETAIL.
 2. FEEDER CABLES SHALL NOT BE LOCATED ABOVE PROPOSED WARMING SHELTERS. SEE SYSTEMS PLANS FOR ADDITIONAL DETAIL.

NOT FOR CONSTRUCTION SERIES SPP-005 OF SPP-605



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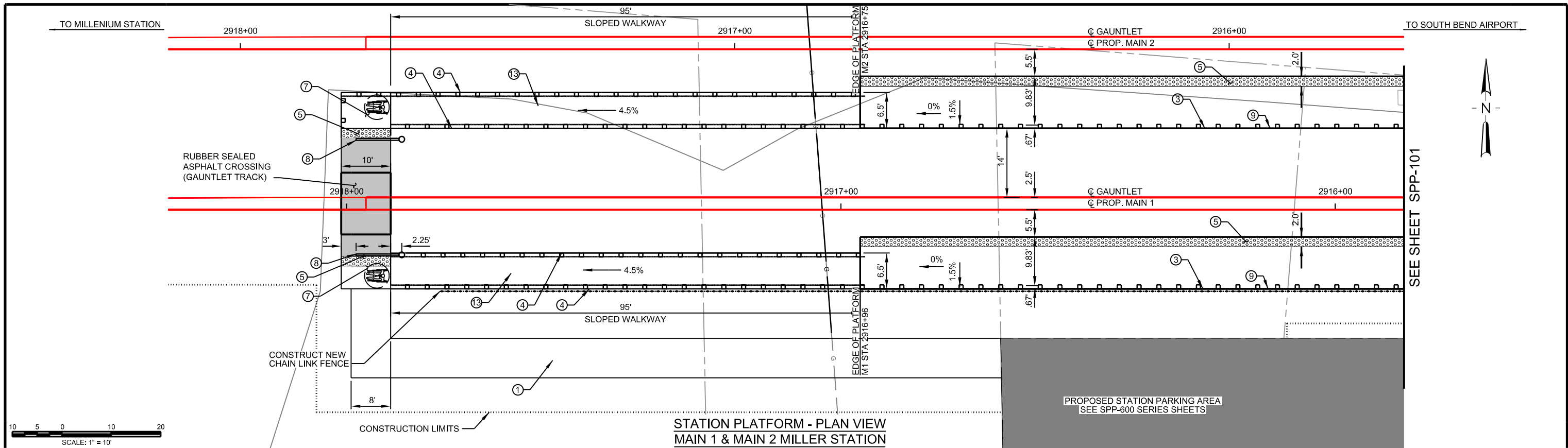
ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-RPB
DRAWN:	HDR-DCB
CHECKED:	HDR-LLO
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI	
PLATFORM DESIGN PLANS TYPICAL SECTIONS	
FILENAME	NICTD-R-ML01-TS-00.dgn
SCALE	AS NOTED
SHEET	005 OF 029

PLOT DATE: 5/16/2017 1:59:04 PM DBURMEIS



GENERAL NOTES:

1 SEE TRACK, CIVIL, SYSTEMS PLANS FOR ADDITIONAL DETAIL.

KEYNOTES:

- 1 WALKWAYS/SIDEWALKS
- 2 WARMING SHELTER
- 3 RAILING
- 4 RAILING WITH HANDRAIL ATTACHED
- 5 TACTILE TILE WARNING STRIP
- 6 ADA RAMP
- 7 LANDING
- 8 PEDESTRIAN CROSSING GATE
- 9 CANOPY ABOVE
- 10 WINDBREAK
- 11 TICKET VENDING MACHINE
- 12 SEATING
- 13 SLOPED WALKWAY

PLOT DATE: 5/12/2017 3:23:44 PM dschmpf



ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



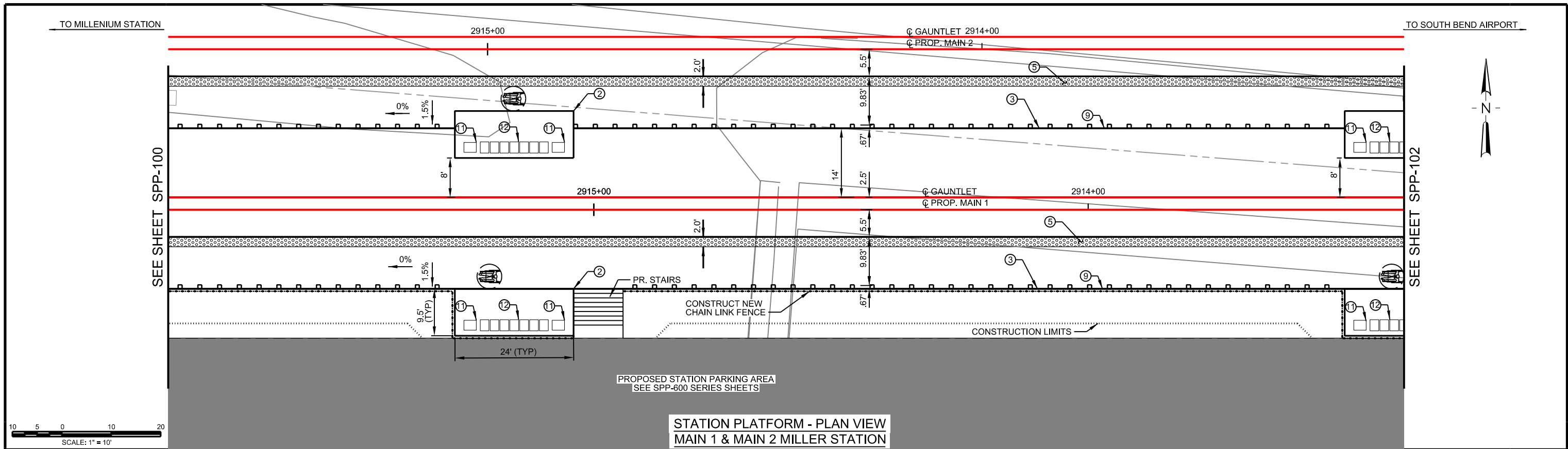
DESIGNED:	PEI-KEK
DRAWN:	PEI-DJS
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

NOT FOR CONSTRUCTION SERIES SPP-100 OF SPP-605

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI

**STATION PLATFORM PLANS
MILLER STATION**

FILENAME	NICTD-R-ML01-SP-00_PEI	SHEET	006 OF 029
SCALE	AS NOTED		



STATION PLATFORM - PLAN VIEW
MAIN 1 & MAIN 2 MILLER STATION

GENERAL NOTES:

1 SEE TRACK, CIVIL, SYSTEMS PLANS FOR ADDITIONAL DETAIL.

KEYNOTES:

- 1 WALKWAYS/SIDEWALKS
- 2 WARMING SHELTER
- 3 RAILING
- 4 RAILING WITH HANDRAIL ATTACHED
- 5 TACTILE TILE WARNING STRIP
- 6 ADA RAMP
- 7 LANDING
- 8 PEDESTRIAN CROSSING GATE
- 9 CANOPY ABOVE
- 10 WINDBREAK
- 11 TICKET VENDING MACHINE
- 12 SEATING
- 13 SLOPED WALKWAY

PLOT DATE: 5/12/2017 3:23:47 PM dschmpf

NOT FOR CONSTRUCTION SERIES SPP-101 OF SPP-605

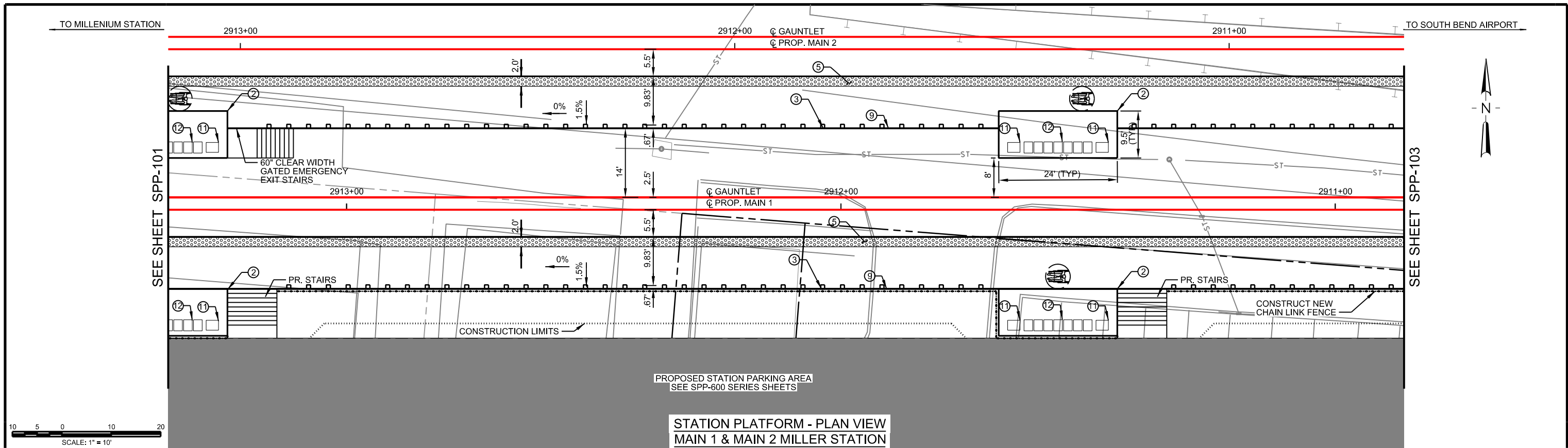


ISSUE	DATE	DESCRIPTION
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DRAWN:	PEI-DJS
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI	
STATION PLATFORM PLANS MILLER STATION	
FILENAME	NICTD-R-ML01-SP-00_PEI
SCALE	AS NOTED
SHEET	007 OF 029



GENERAL NOTES:

1 SEE TRACK, CIVIL, SYSTEMS PLANS FOR ADDITIONAL DETAIL.

KEYNOTES:

- 1 WALKWAYS/SIDEWALKS
- 2 WARMING SHELTER
- 3 RAILING
- 4 RAILING WITH HANDRAIL ATTACHED
- 5 TACTILE TILE WARNING STRIP
- 6 ADA RAMP
- 7 LANDING
- 8 PEDESTRIAN CROSSING GATE
- 9 CANOPY ABOVE
- 10 WINDBREAK
- 11 TICKET VENDING MACHINE
- 12 SEATING
- 13 SLOPED WALKWAY

PLOT DATE: 5/16/2017 3:36:16 PM dschmpf



ISSUE	DATE	DESCRIPTION
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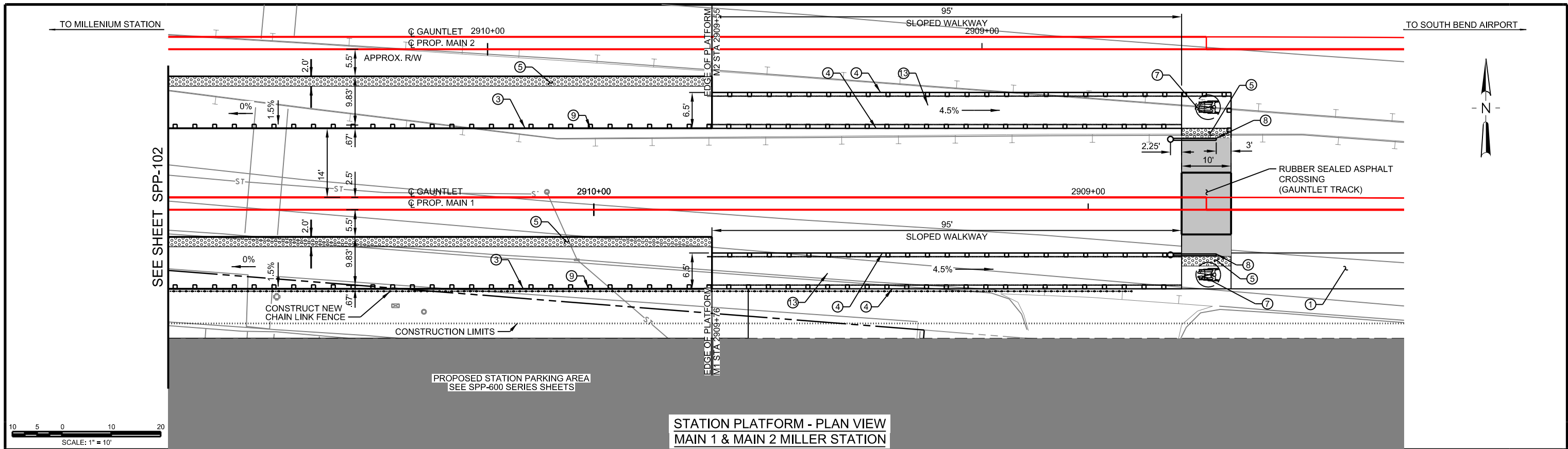
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DRAWN:	PEI-DJS
CHECKED:	PEI-SPH
DATE:	MAY 12, 2017

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NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI

STATION PLATFORM PLANS MILLER STATION

FILENAME	NICTD-R-ML01-SP-00_PEI	SHEET	008 OF 029
SCALE	AS NOTED		



GENERAL NOTES:

1 SEE TRACK, CIVIL, SYSTEMS PLANS FOR ADDITIONAL DETAIL.

KEYNOTES:

- 1 WALKWAYS/SIDEWALKS
- 2 WARMING SHELTER
- 3 RAILING
- 4 RAILING WITH HANDRAIL ATTACHED
- 5 TACTILE TILE WARNING STRIP
- 6 ADA RAMP
- 7 LANDING
- 8 PEDESTRIAN CROSSING GATE
- 9 CANOPY ABOVE
- 10 WINDBREAK
- 11 TICKET VENDING MACHINE
- 12 SEATING
- 13 SLOPED WALKWAY

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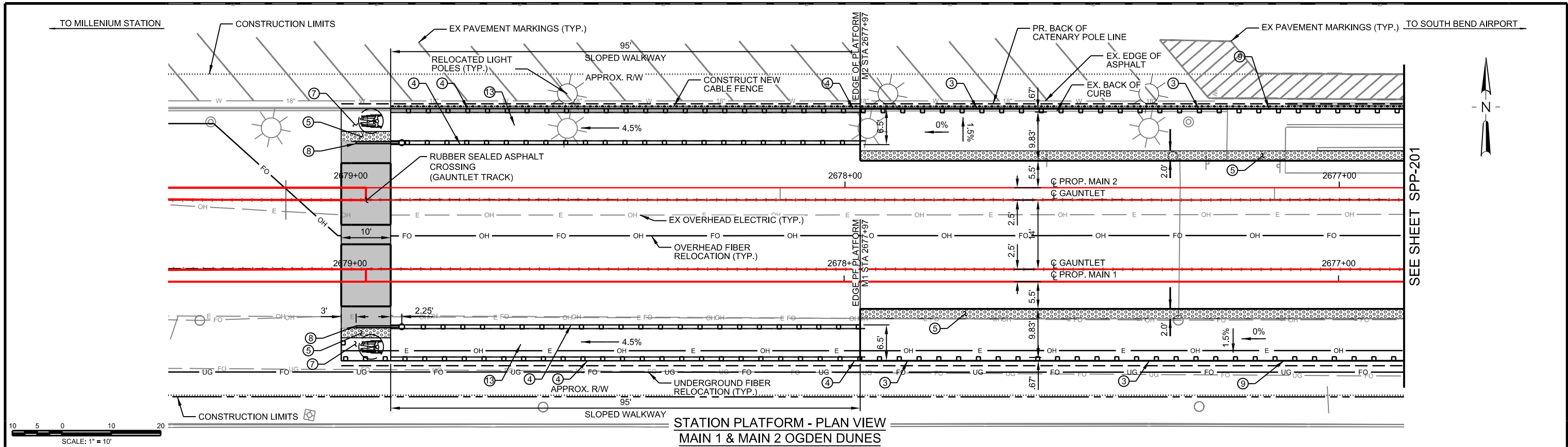
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NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI

**STATION PLATFORM PLANS
MILLER STATION**

FILENAME	NICTD-R-ML01-SP-00_PEI	SHEET	009 OF 029
SCALE	AS NOTED		



STATION PLATFORM - PLAN VIEW
MAIN 1 & MAIN 2 OGDEN DUNES

SEE SHEET SPP-201

GENERAL NOTES:

1 SEE TRACK, CIVIL, SYSTEMS PLANS FOR ADDITIONAL DETAIL.

KEYNOTES:

- 1 WALKWAYS/SIDEWALKS
- 2 WARMING SHELTER
- 3 RAILING
- 4 RAILING WITH HANDRAIL ATTACHED
- 5 TACTILE TILE WARNING STRIP
- 6 ADA RAMP
- 7 LANDING
- 8 PEDESTRIAN CROSSING GATE
- 9 CANOPY ABOVE
- 10 WINDBREAK
- 11 TICKET VENDING MACHINE
- 12 SEATING
- 13 SLOPED WALKWAY

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ENGINEERING

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NICTD
NORTHERN INDIANA COMMUTER
TRANSPORTATION DISTRICT
33 East Highway 12
Chesterton, Indiana 46304

DOUBLE TRACK N.W.I.
Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

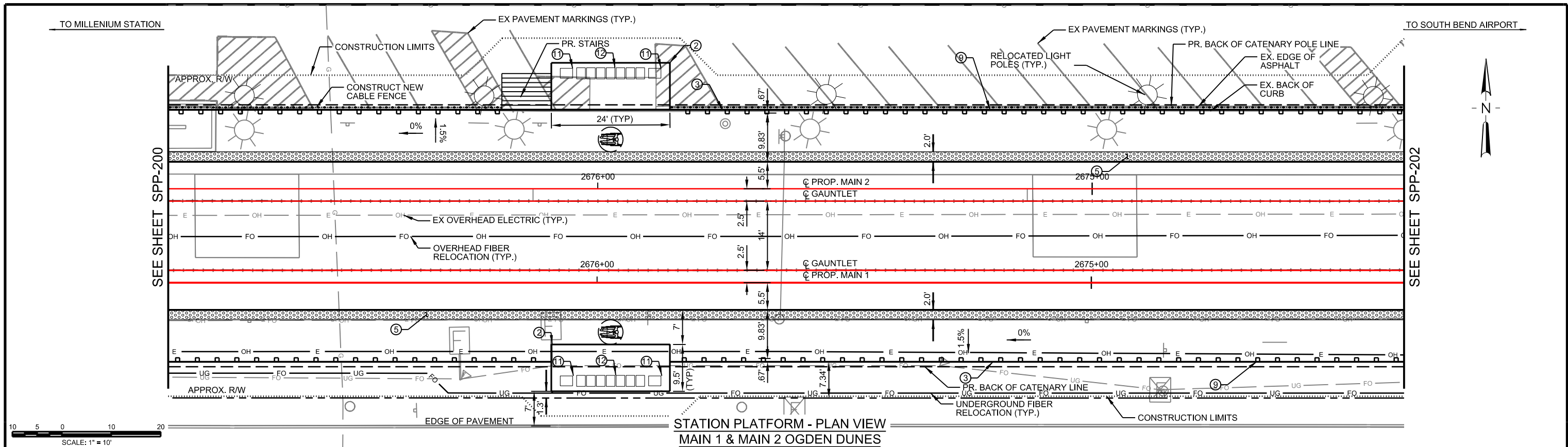
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NOT FOR CONSTRUCTION SERIES SPP-200 OF SPP-605

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI

**STATION PLATFORM PLANS
OGDEN DUNES**

FILENAME	NICTD-R-ML01-SP-00_PEI	SHEET
SCALE	AS NOTED	010 OF 029



STATION PLATFORM - PLAN VIEW
MAIN 1 & MAIN 2 OGDEN DUNES

GENERAL NOTES:

1 SEE TRACK, CIVIL, SYSTEMS PLANS FOR ADDITIONAL DETAIL.

KEYNOTES:

- 1 WALKWAYS/SIDEWALKS
- 2 WARMING SHELTER
- 3 RAILING
- 4 RAILING WITH HANDRAIL ATTACHED
- 5 TACTILE TILE WARNING STRIP
- 6 ADA RAMP
- 7 LANDING
- 8 PEDESTRIAN CROSSING GATE
- 9 CANOPY ABOVE
- 10 WINDBREAK
- 11 TICKET VENDING MACHINE
- 12 SEATING
- 13 SLOPED WALKWAY

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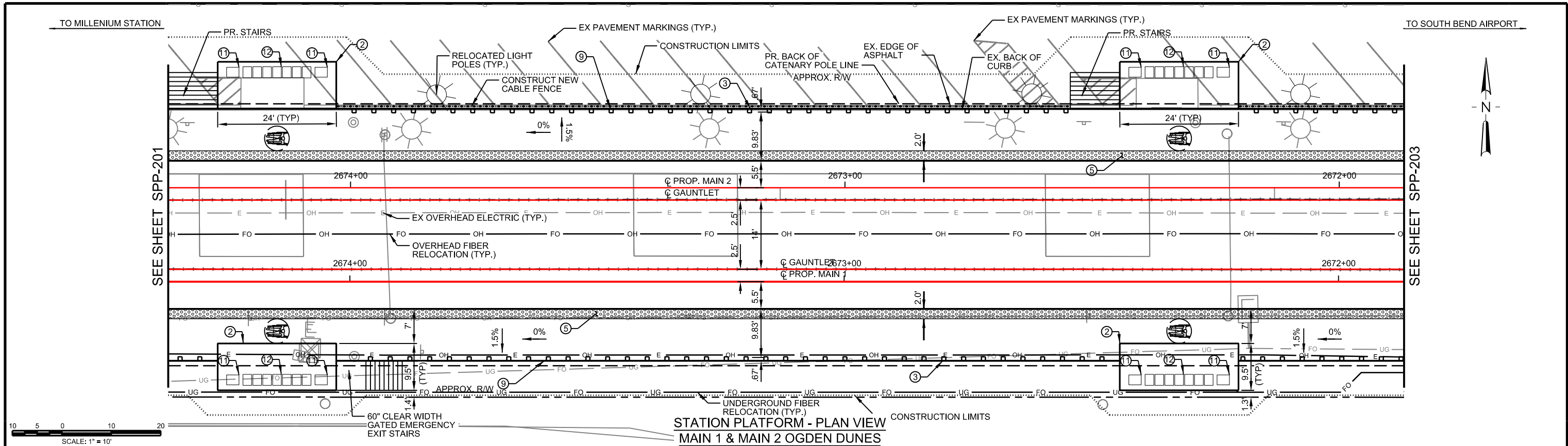
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NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		
STATION PLATFORM PLANS OGDEN DUNES		
FILENAME	NICTD-R-ML01-SP-00_PFI	SHEET
SCALE	AS NOTED	011 OF 029



STATION PLATFORM - PLAN VIEW
MAIN 1 & MAIN 2 OGDEN DUNES

GENERAL NOTES:

1 SEE TRACK, CIVIL, SYSTEMS PLANS FOR ADDITIONAL DETAIL.

KEYNOTES:

- 1 WALKWAYS/SIDEWALKS
- 2 WARMING SHELTER
- 3 RAILING
- 4 RAILING WITH HANDRAIL ATTACHED
- 5 TACTILE TILE WARNING STRIP
- 6 ADA RAMP
- 7 LANDING
- 8 PEDESTRIAN CROSSING GATE
- 9 CANOPY ABOVE
- 10 WINDBREAK
- 11 TICKET VENDING MACHINE
- 12 SEATING
- 13 SLOPED WALKWAY

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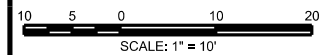
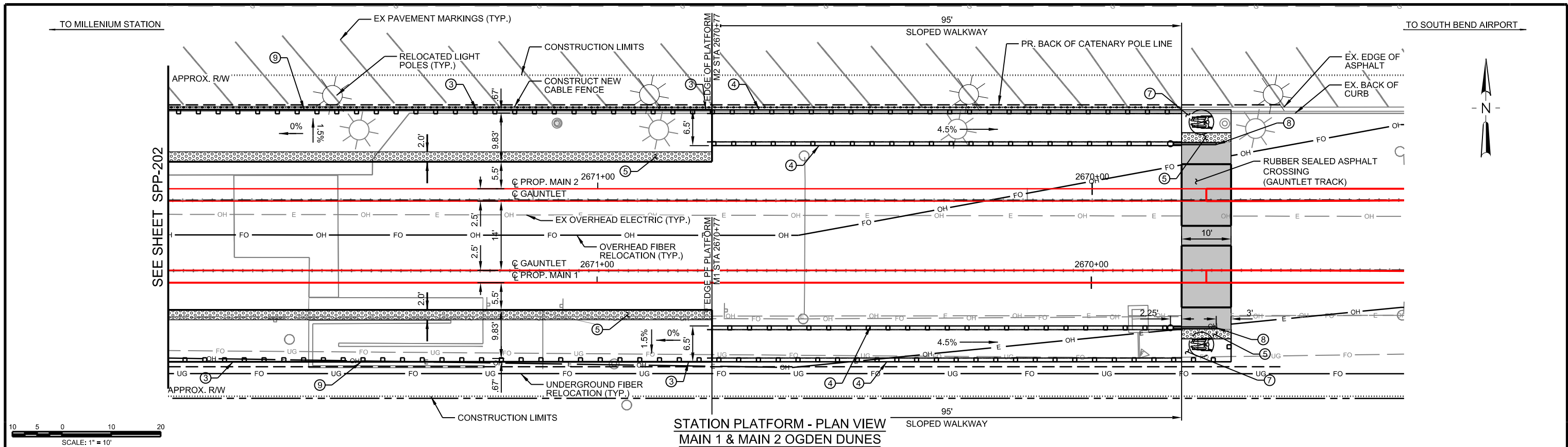
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DATE:	MAY 12, 2017

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NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI

**STATION PLATFORM PLANS
OGDEN DUNES**

FILENAME	NICTD-R-ML01-SP-00_PEI	SHEET	012 OF 029
SCALE	AS NOTED		



STATION PLATFORM - PLAN VIEW
MAIN 1 & MAIN 2 OGDEN DUNES

GENERAL NOTES:

1 SEE TRACK, CIVIL, SYSTEMS PLANS FOR ADDITIONAL DETAIL.

KEYNOTES:

- 1 WALKWAYS/SIDEWALKS
- 2 WARMING SHELTER
- 3 RAILING
- 4 RAILING WITH HANDRAIL ATTACHED
- 5 TACTILE TILE WARNING STRIP
- 6 ADA RAMP
- 7 LANDING
- 8 PEDESTRIAN CROSSING GATE
- 9 CANOPY ABOVE
- 10 WINDBREAK
- 11 TICKET VENDING MACHINE
- 12 SEATING
- 13 SLOPED WALKWAY

PLOT DATE: 5/12/2017 3:24:09 PM dschmpf

NOT FOR CONSTRUCTION SERIES SPP-203 OF SPP-605

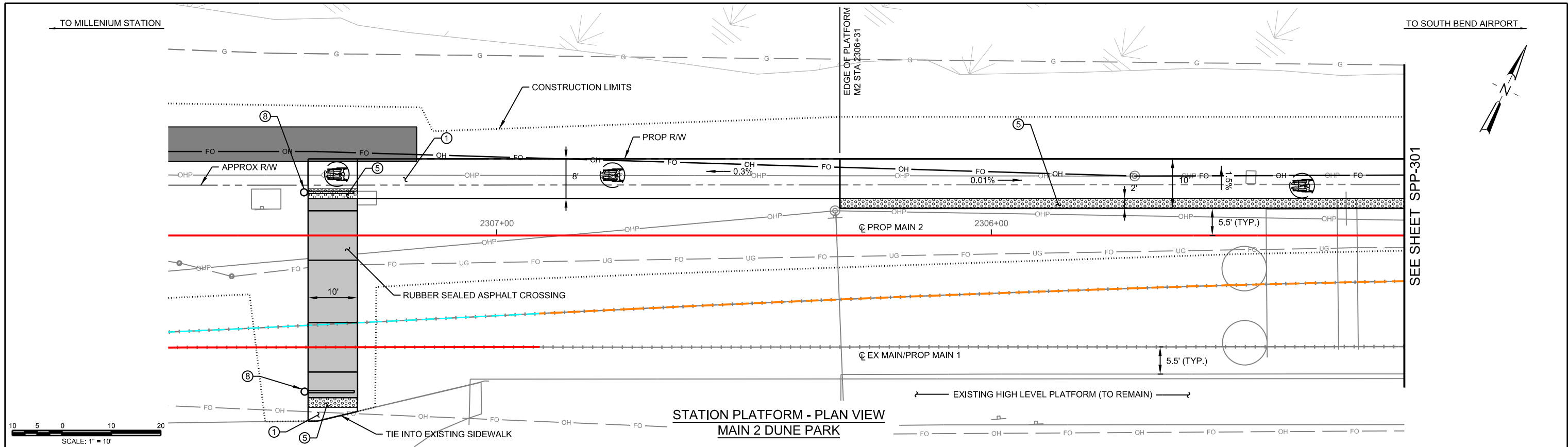


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DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI	
STATION PLATFORM PLANS OGDEN DUNES	
FILENAME	NICTD-R-ML01-SP-00_PEI
SCALE	AS NOTED
SHEET	013 OF 029



GENERAL NOTES:

1 SEE TRACK, CIVIL, SYSTEMS PLANS FOR ADDITIONAL DETAIL.

KEYNOTES:

- 1 WALKWAYS/SIDEWALKS
- 2 WARMING SHELTER
- 3 RAILING
- 4 RAILING WITH HANDRAIL ATTACHED
- 5 TACTILE TILE WARNING STRIP
- 6 ADA RAMP
- 7 LANDING
- 8 PEDESTRIAN CROSSING GATE
- 9 CANOPY ABOVE
- 10 WINDBREAK
- 11 TICKET VENDING MACHINE
- 12 SEATING
- 13 SLOPED WALKWAY

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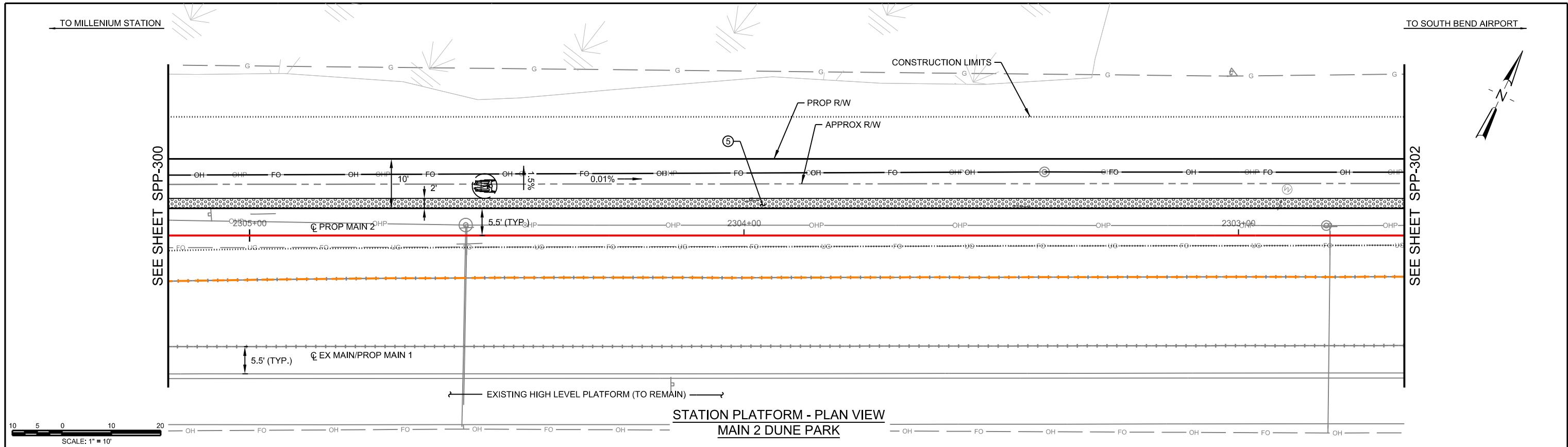
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NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI

**PLATFORM DESIGN PLANS
DUNE PARK**

FILENAME	NICTD-R-ML01-SP-00	SHEET
SCALE	AS NOTED	014 OF 029



STATION PLATFORM - PLAN VIEW
MAIN 2 DUNE PARK

GENERAL NOTES:

1 SEE TRACK, CIVIL, SYSTEMS PLANS FOR ADDITIONAL DETAIL.

KEYNOTES:

- 1 WALKWAYS/SIDEWALKS
- 2 WARMING SHELTER
- 3 RAILING
- 4 RAILING WITH HANDRAIL ATTACHED
- 5 TACTILE TILE WARNING STRIP
- 6 ADA RAMP
- 7 LANDING
- 8 PEDESTRIAN CROSSING GATE
- 9 CANOPY ABOVE
- 10 WINDBREAK
- 11 TICKET VENDING MACHINE
- 12 SEATING
- 13 SLOPED WALKWAY

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NOT FOR CONSTRUCTION SERIES SPP-301 OF SPP-605

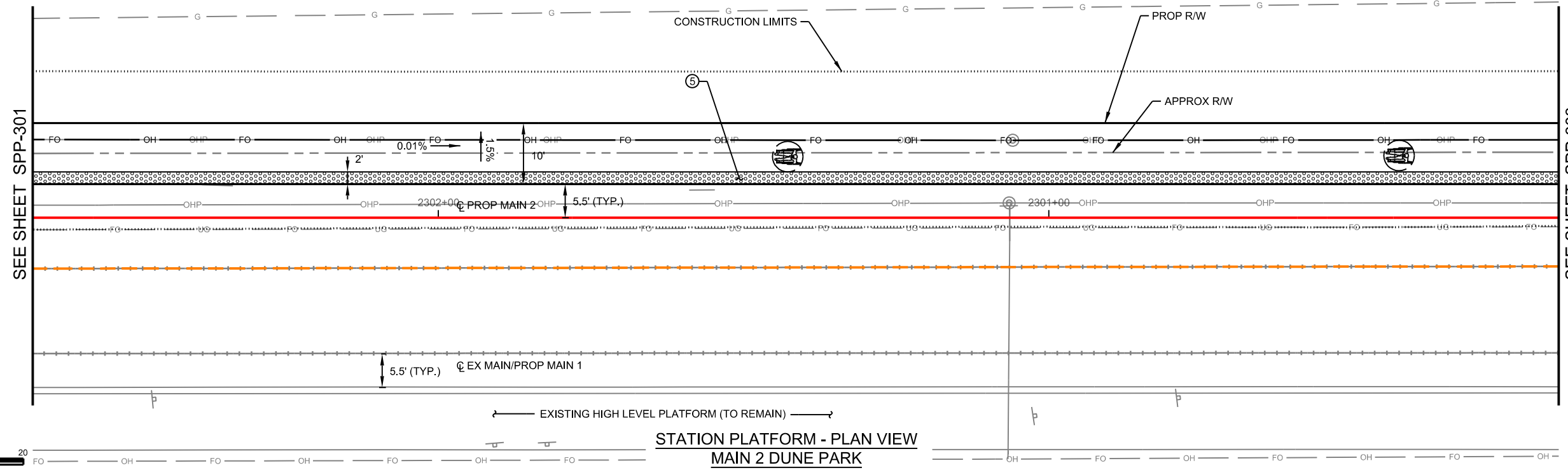
NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI

**PLATFORM DESIGN PLANS
DUNE PARK**

FILENAME	NICTD-R-ML01-SP-00	SHEET	015 OF 029
SCALE	AS NOTED		

TO MILLENIUM STATION

TO SOUTH BEND AIRPORT



STATION PLATFORM - PLAN VIEW
MAIN 2 DUNE PARK

GENERAL NOTES:

1 SEE TRACK, CIVIL, SYSTEMS PLANS FOR ADDITIONAL DETAIL.

KEYNOTES:

- 1 WALKWAYS/SIDEWALKS
- 2 WARMING SHELTER
- 3 RAILING
- 4 RAILING WITH HANDRAIL ATTACHED
- 5 TACTILE TILE WARNING STRIP
- 6 ADA RAMP
- 7 LANDING
- 8 PEDESTRIAN CROSSING GATE
- 9 CANOPY ABOVE
- 10 WINDBREAK
- 11 TICKET VENDING MACHINE
- 12 SEATING
- 13 SLOPED WALKWAY

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ISSUE	DATE	DESCRIPTION
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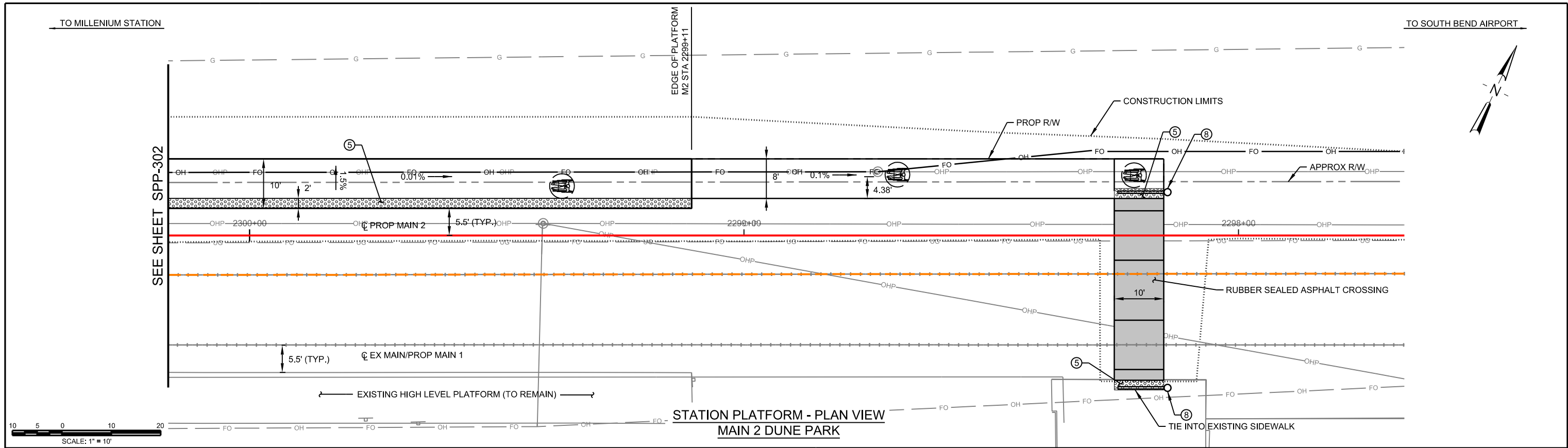
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NOT FOR CONSTRUCTION SERIES SPP-302 OF SPP-605

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI

**PLATFORM DESIGN PLANS
DUNE PARK**

FILENAME	NICTD-R-ML01-SP-00	SHEET	016 OF 029
SCALE	AS NOTED		



GENERAL NOTES:

1 SEE TRACK, CIVIL, SYSTEMS PLANS FOR ADDITIONAL DETAIL.

KEYNOTES:

- 1 WALKWAYS/SIDEWALKS
- 2 WARMING SHELTER
- 3 RAILING
- 4 RAILING WITH HANDRAIL ATTACHED
- 5 TACTILE TILE WARNING STRIP
- 6 ADA RAMP
- 7 LANDING
- 8 PEDESTRIAN CROSSING GATE
- 9 CANOPY ABOVE
- 10 WINDBREAK
- 11 TICKET VENDING MACHINE
- 12 SEATING
- 13 SLOPED WALKWAY

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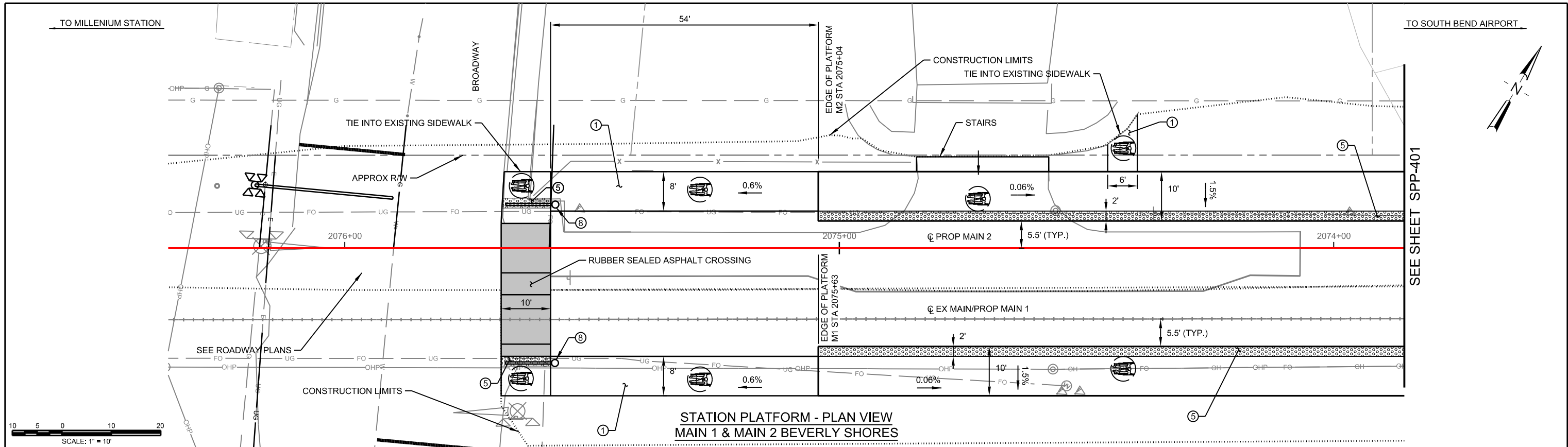
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NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		
PLATFORM DESIGN PLANS DUNE PARK		
FILENAME	NICTD-R-ML01-SP-00	SHEET
SCALE	AS NOTED	017 OF 029



STATION PLATFORM - PLAN VIEW
MAIN 1 & MAIN 2 BEVERLY SHORES

GENERAL NOTES:

1 SEE TRACK, CIVIL, SYSTEMS PLANS FOR ADDITIONAL DETAIL.

KEYNOTES:

- 1 WALKWAYS/SIDEWALKS
- 2 WARMING SHELTER
- 3 RAILING
- 4 RAILING WITH HANDRAIL ATTACHED
- 5 TACTILE TILE WARNING STRIP
- 6 ADA RAMP
- 7 LANDING
- 8 PEDESTRIAN CROSSING GATE
- 9 CANOPY ABOVE
- 10 WINDBREAK
- 11 TICKET VENDING MACHINE
- 12 SEATING
- 13 SLOPED WALKWAY

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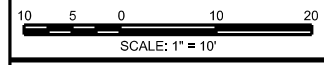
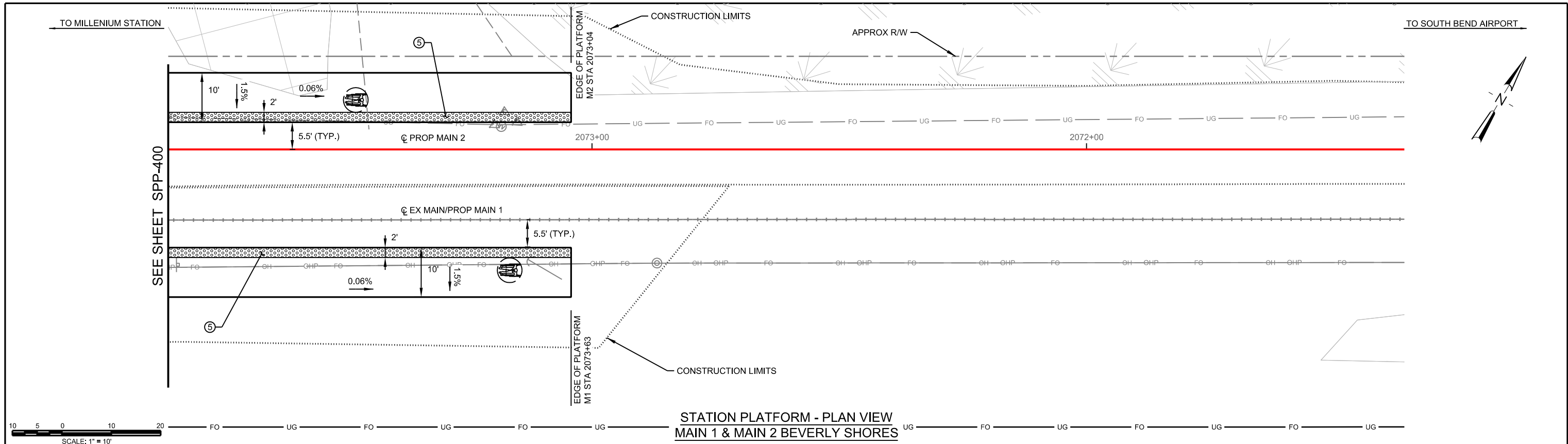
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DATE:	MAY 12, 2017

NOT FOR CONSTRUCTION SERIES SPP-400 OF SPP-605

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI

**PLATFORM DESIGN PLANS
BEVERLY SHORES**

FILENAME	NICTD-R-ML01-SP-00	SHEET
SCALE	AS NOTED	018 OF 029



STATION PLATFORM - PLAN VIEW
MAIN 1 & MAIN 2 BEVERLY SHORES

GENERAL NOTES:

1 SEE TRACK, CIVIL, SYSTEMS PLANS FOR ADDITIONAL DETAIL.

KEYNOTES:

- 1 WALKWAYS/SIDEWALKS
- 2 WARMING SHELTER
- 3 RAILING
- 4 RAILING WITH HANDRAIL ATTACHED
- 5 TACTILE TILE WARNING STRIP
- 6 ADA RAMP
- 7 LANDING
- 8 PEDESTRIAN CROSSING GATE
- 9 CANOPY ABOVE
- 10 WINDBREAK
- 11 TICKET VENDING MACHINE
- 12 SEATING
- 13 SLOPED WALKWAY

PLOT DATE: 5/12/2017 2:37:52 PM DBURMEIS



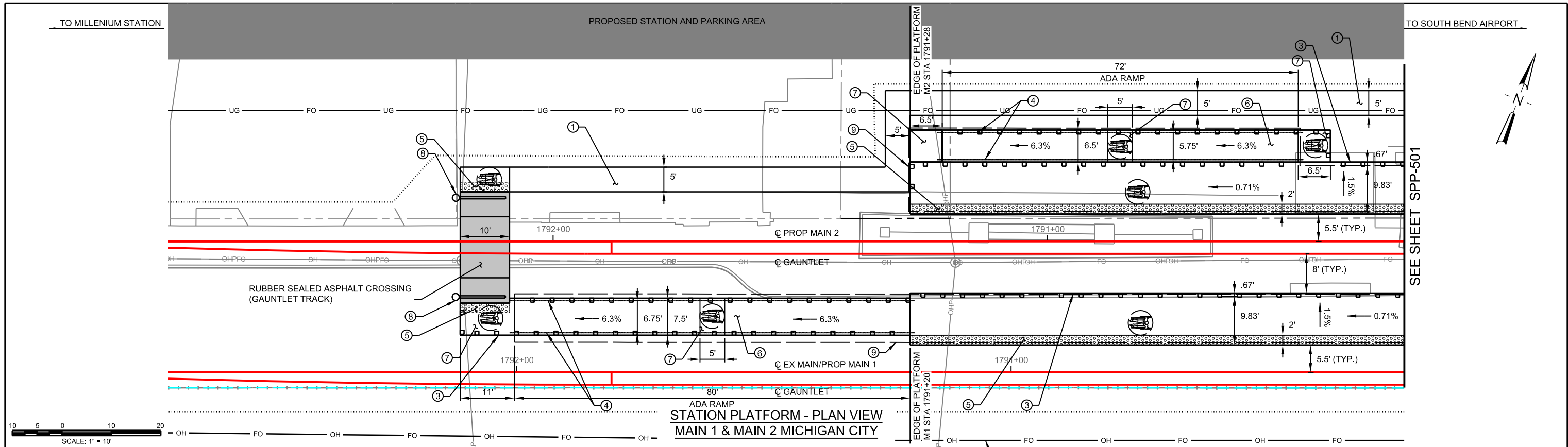
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DATE:	MAY 12, 2017

NOT FOR CONSTRUCTION SERIES SPP-401 OF SPP-605

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI		
PLATFORM DESIGN PLANS BEVERLY SHORES		
FILENAME	NICTD-R-ML01-SP-00	SHEET
SCALE	AS NOTED	019 OF 029



GENERAL NOTES:

1 SEE TRACK, CIVIL, SYSTEMS PLANS FOR ADDITIONAL DETAIL.

KEYNOTES:

- 1 WALKWAYS/SIDEWALKS
- 2 WARMING SHELTER
- 3 RAILING
- 4 RAILING WITH HANDRAIL ATTACHED
- 5 TACTILE TILE WARNING STRIP
- 6 ADA RAMP
- 7 LANDING
- 8 PEDESTRIAN CROSSING GATE
- 9 CANOPY ABOVE
- 10 WINDBREAK
- 11 TICKET VENDING MACHINE
- 12 SEATING
- 13 SLOPED WALKWAY

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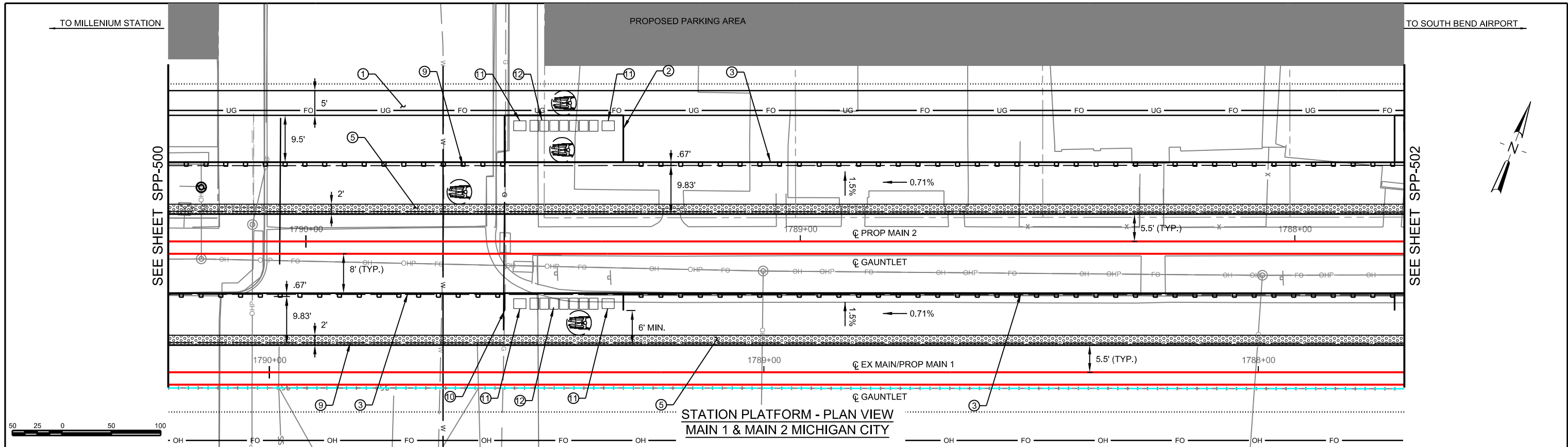
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NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI

**PLATFORM DESIGN PLANS
MICHIGAN CITY**

FILENAME	NICTD-R-ML01-SP-00	SHEET
SCALE	AS NOTED	020 OF 029



GENERAL NOTES:

1 SEE TRACK, CIVIL, SYSTEMS PLANS FOR ADDITIONAL DETAIL.

KEYNOTES:

- 1 WALKWAYS/SIDEWALKS
- 2 WARMING SHELTER
- 3 RAILING
- 4 RAILING WITH HANDRAIL ATTACHED
- 5 TACTILE TILE WARNING STRIP
- 6 ADA RAMP
- 7 LANDING
- 8 PEDESTRIAN CROSSING GATE
- 9 CANOPY ABOVE
- 10 WINDBREAK
- 11 TICKET VENDING MACHINE
- 12 SEATING
- 13 SLOPED WALKWAY

PLOT DATE: 5/12/2017 2:38:00 PM DBURMEIS



ISSUE	DATE	DESCRIPTION
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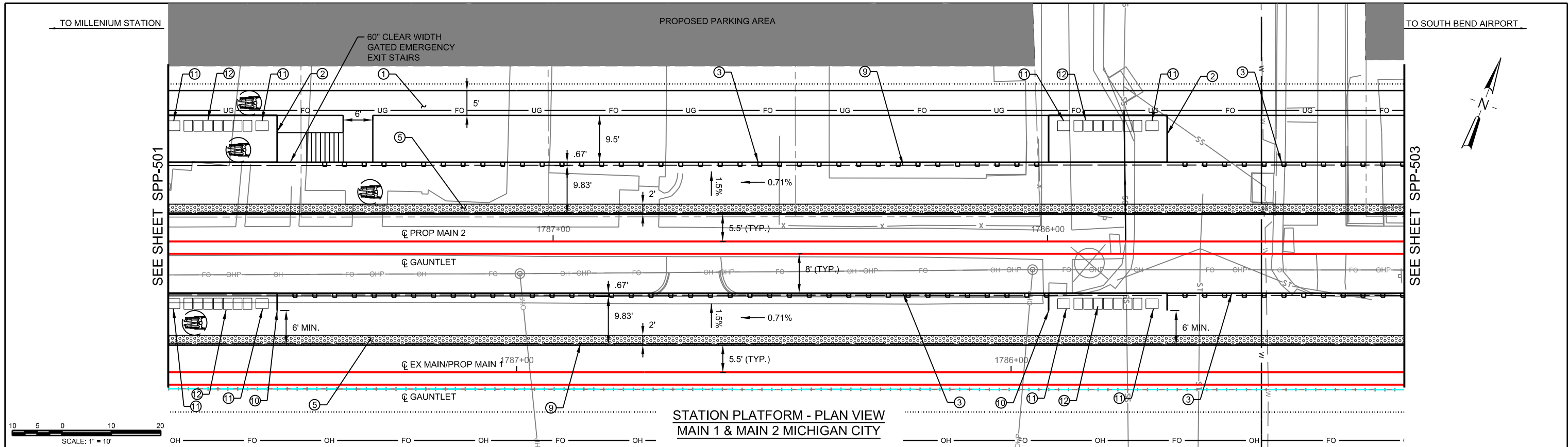
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DATE:	MAY 12, 2017

NOT FOR CONSTRUCTION SERIES SPP-501 OF SPP-605

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI

**PLATFORM DESIGN PLANS
MICHIGAN CITY**

FILENAME	NICTD-R-ML01-SP-00	SHEET
SCALE	AS NOTED	021 OF 029



GENERAL NOTES:

1 SEE TRACK, CIVIL, SYSTEMS PLANS FOR ADDITIONAL DETAIL.

KEYNOTES:

- 1 WALKWAYS/SIDEWALKS
- 2 WARMING SHELTER
- 3 RAILING
- 4 RAILING WITH HANDRAIL ATTACHED
- 5 TACTILE TILE WARNING STRIP
- 6 ADA RAMP
- 7 LANDING
- 8 PEDESTRIAN CROSSING GATE
- 9 CANOPY ABOVE
- 10 WINDBREAK
- 11 TICKET VENDING MACHINE
- 12 SEATING
- 13 SLOPED WALKWAY

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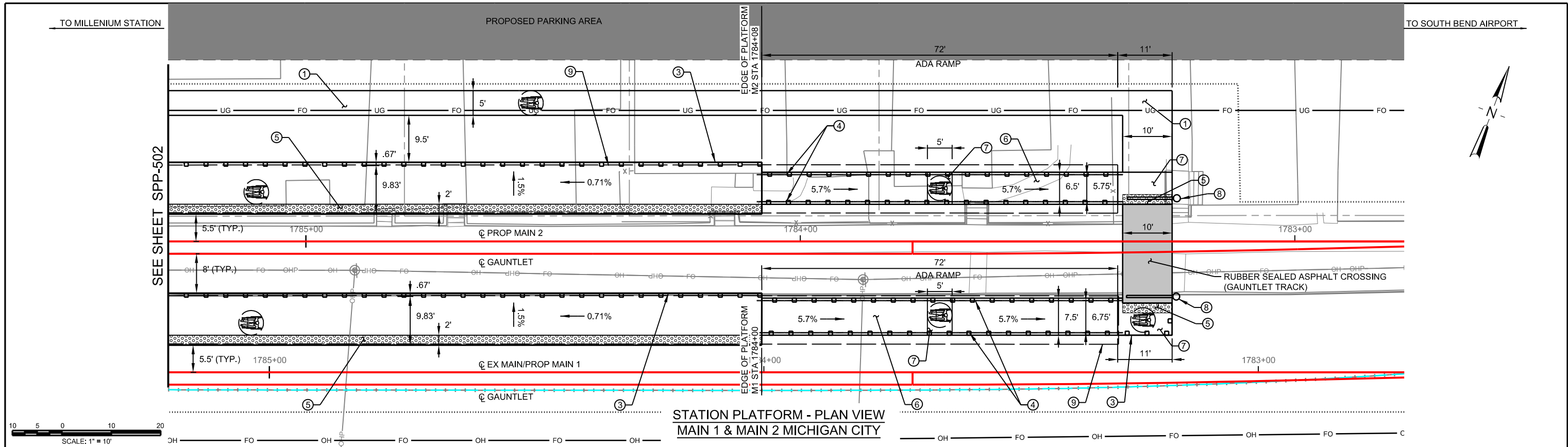
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DATE:	MAY 12, 2017

NOT FOR CONSTRUCTION SERIES SPP-502 OF SPP-605

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI

**PLATFORM DESIGN PLANS
MICHIGAN CITY**

FILENAME	NICTD-R-ML01-SP-00	SHEET	022 OF 029
SCALE	AS NOTED		



GENERAL NOTES:

1 SEE TRACK, CIVIL, SYSTEMS PLANS FOR ADDITIONAL DETAIL.

KEYNOTES:

- 1 WALKWAYS/SIDEWALKS
- 2 WARMING SHELTER
- 3 RAILING
- 4 RAILING WITH HANDRAIL ATTACHED
- 5 TACTILE TILE WARNING STRIP
- 6 ADA RAMP
- 7 LANDING
- 8 PEDESTRIAN CROSSING GATE
- 9 CANOPY ABOVE
- 10 WINDBREAK
- 11 TICKET VENDING MACHINE
- 12 SEATING
- 13 SLOPED WALKWAY

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DATE:	MAY 12, 2017

NOT FOR CONSTRUCTION SERIES SPP-503 OF SPP-605

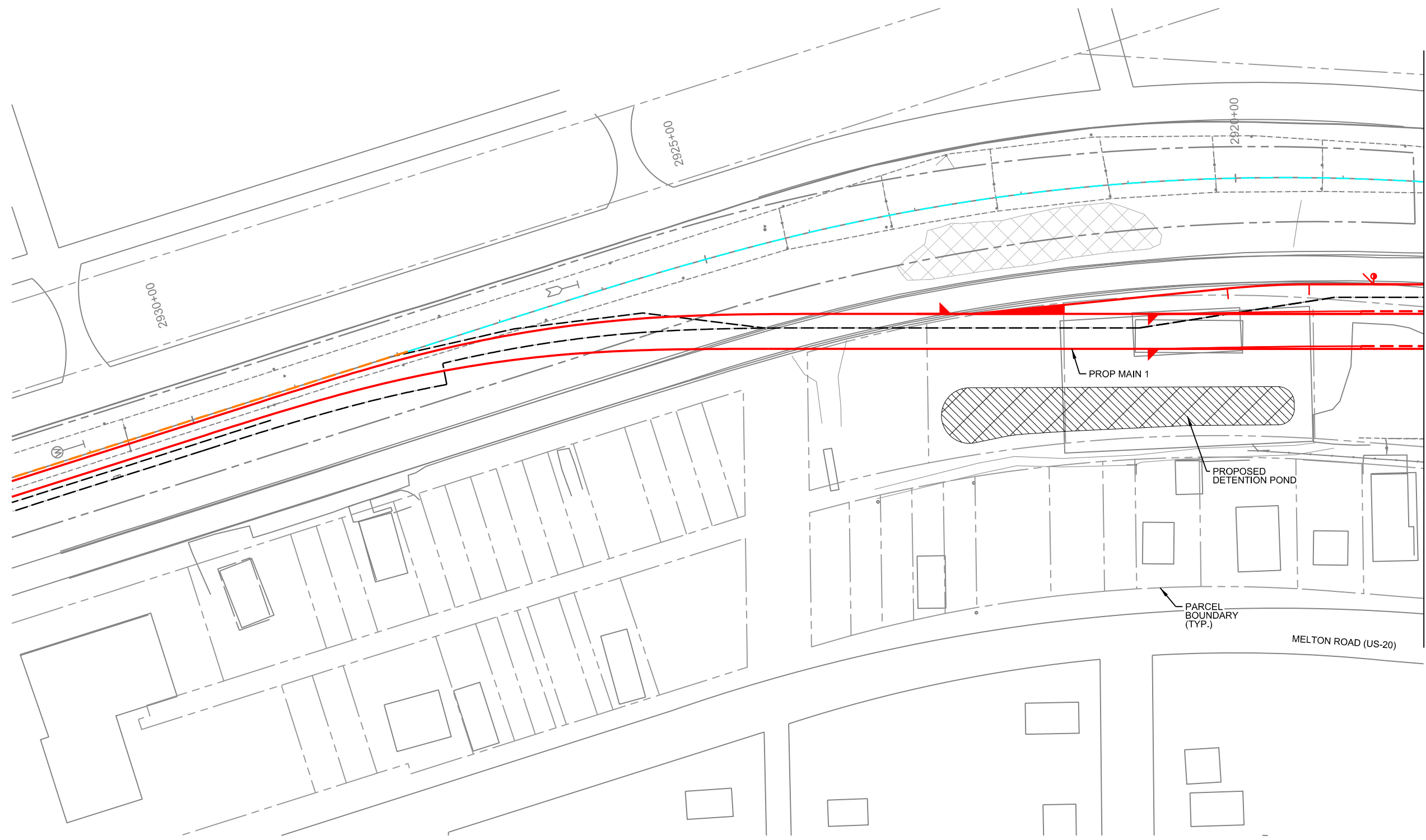
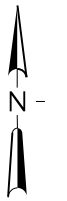
NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI

**PLATFORM DESIGN PLANS
MICHIGAN CITY**

FILENAME	NICTD-R-ML01-SP-00	SHEET	023 OF 029
SCALE	AS NOTED		

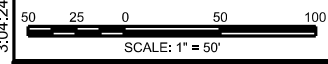
TO MILLENIUM STATION

TO SOUTH BEND AIRPORT



SEE SHEET SPP-601

PLOT DATE: 5/12/2017 3:04:24 PM DBURMEIS




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TRANSPORTATION DISTRICT
33 East Highway 12
Chesterton, Indiana 46304



DOUBLE TRACK
N.W.I.
Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	HDR-RP
DRAWN:	HDR-TH
CHECKED:	HDR-JM
DATE:	MAY 12, 2017

NOT FOR CONSTRUCTION SERIES SPP-600 OF SPP-605

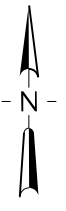
NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI

**PARKING LOT DESIGN PLANS
MILLER STATION
(SHEET 1 OF 3)**

FILENAME	NICTD-C-PARKING-PL-00	SHEET	024 OF 029
SCALE	AS NOTED		

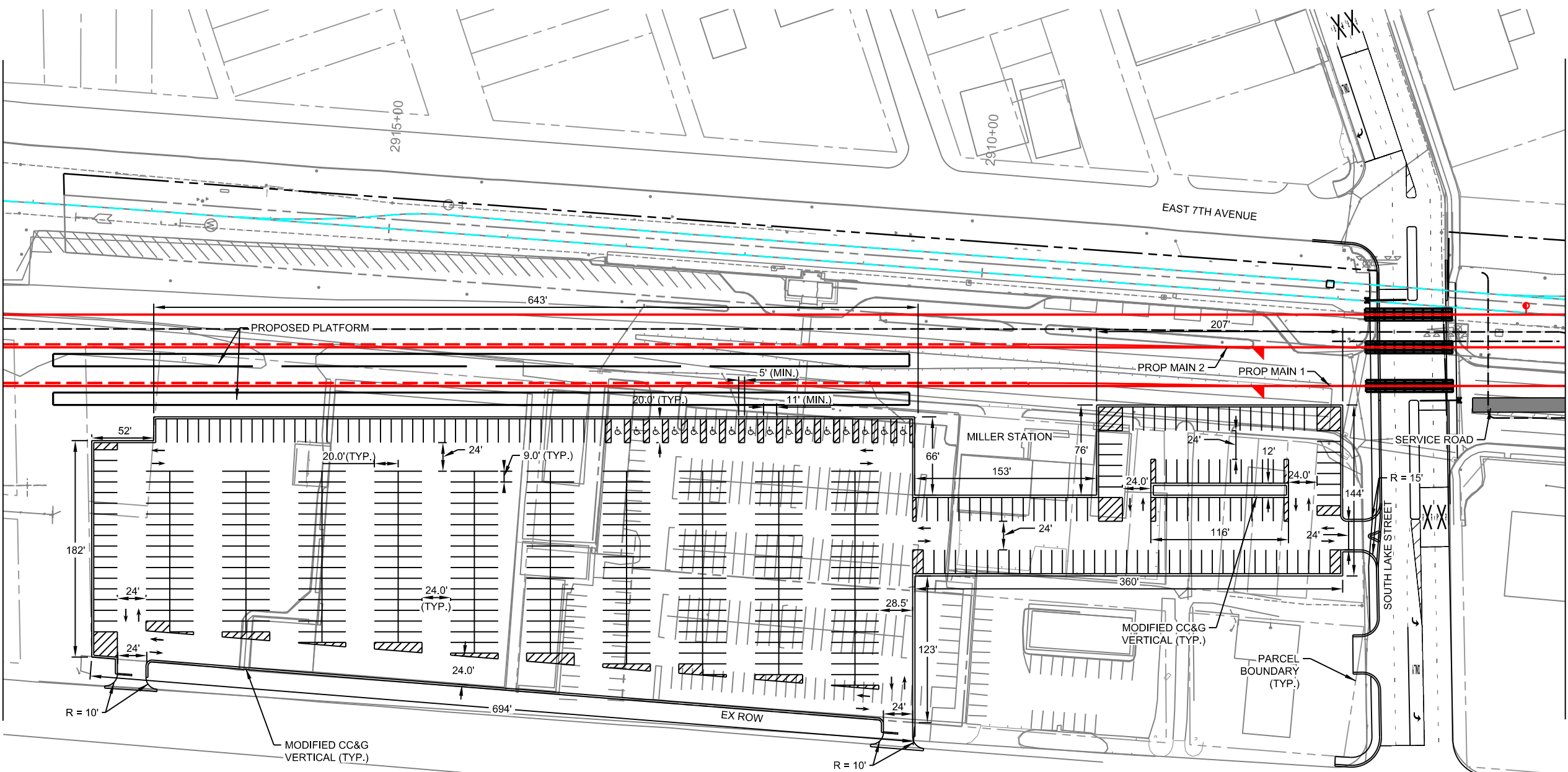
TO MILLENIUM STATION

TO SOUTH BEND AIRPORT



SEE SHEET SPP-600

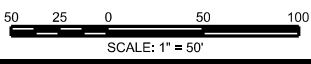
SEE SHEET SPP-602



PARKING SPACES	
TYPE	QUANTITY
EXISTING	248
KISS AND RIDE	21
PARK AND RIDE	
ADA	16
STANDARD*	727
TOTAL	743

* WEST LOT - 490 SPACES;
EAST LOT - 237 SPACES

PLOT DATE: 5/12/2017 3:04:27 PM DBURMEIS



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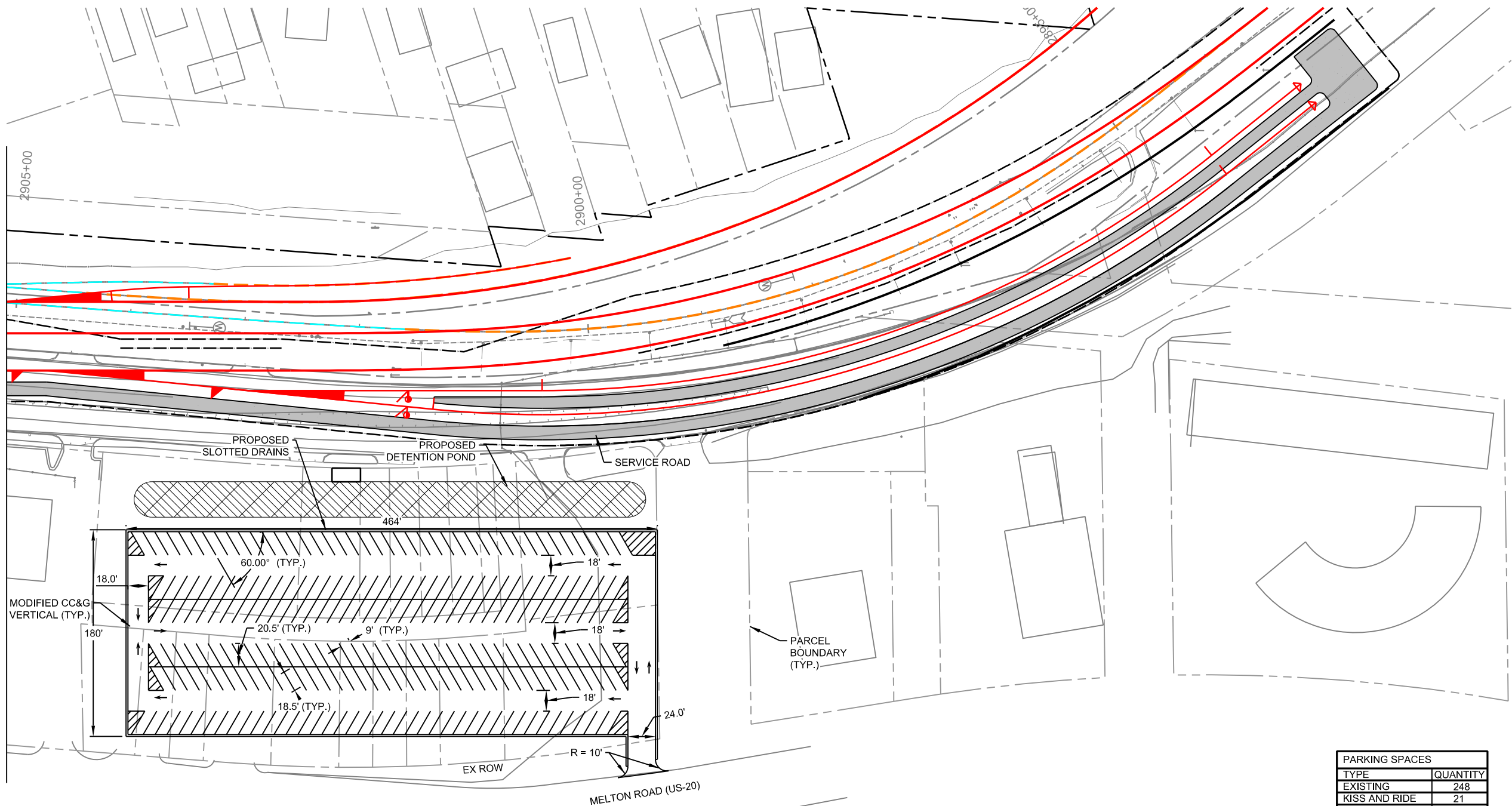
NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NMI

PARKING LOT DESIGN PLANS MILLER STATION (SHEET 2 OF 3)

FILENAME	NICTD-C-PARKING-PL-00	SHEET	025 OF 029
SCALE	AS NOTED		

TO MILLENIUM STATION

TO SOUTH BEND AIRPORT



SEE SHEET SPP-601

PARKING SPACES	
TYPE	QUANTITY
EXISTING	248
KISS AND RIDE	21
PARK AND RIDE	
ADA	16
STANDARD*	727
TOTAL	743

* WEST LOT - 490 SPACES;
EAST LOT - 237 SPACES

PLOT DATE: 5/12/2017 3:04:30 PM DBURMEIS



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CHECKED:	HDR-JM
DATE:	MAY 12, 2017

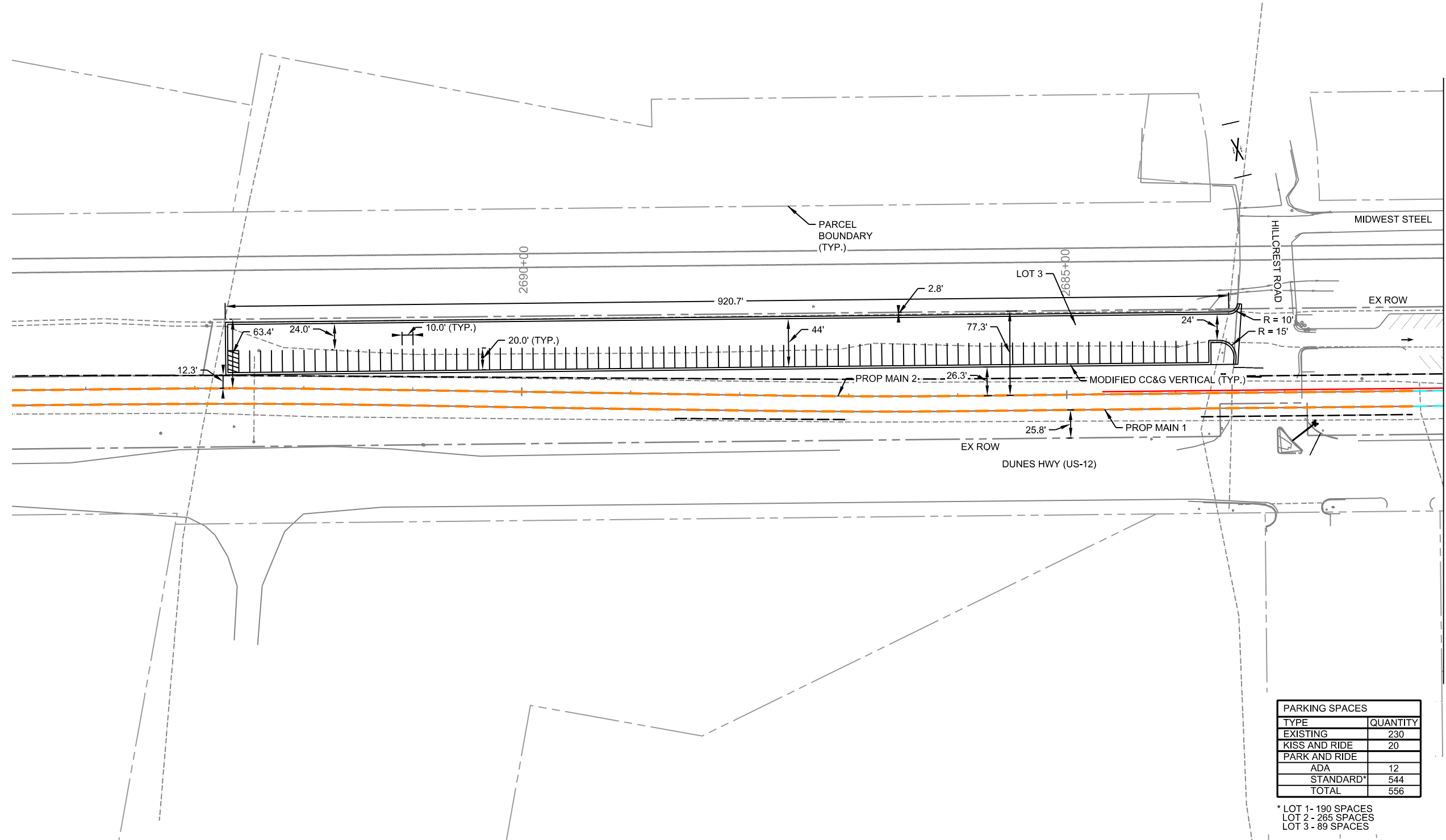
NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI

**PARKING LOT DESIGN PLANS
MILLER STATION
(SHEET 3 OF 3)**

FILENAME	NICTD-C-PARKING-PL-00	SHEET	026 OF 029
SCALE	AS NOTED		

TO MILLENIUM STATION

TO SOUTH BEND AIRPORT

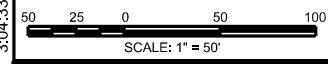


SEE SHEET SPP-604

PARKING SPACES	
TYPE	QUANTITY
EXISTING	230
KISS AND RIDE	20
PARK AND RIDE	
ADA	12
STANDARD*	544
TOTAL	556

* LOT 1 - 190 SPACES
 LOT 2 - 265 SPACES
 LOT 3 - 89 SPACES

PLOT DATE: 5/12/2017 3:04:33 PM DBURMEIS



NOT FOR CONSTRUCTION SERIES SPP-603 OF SPP-605

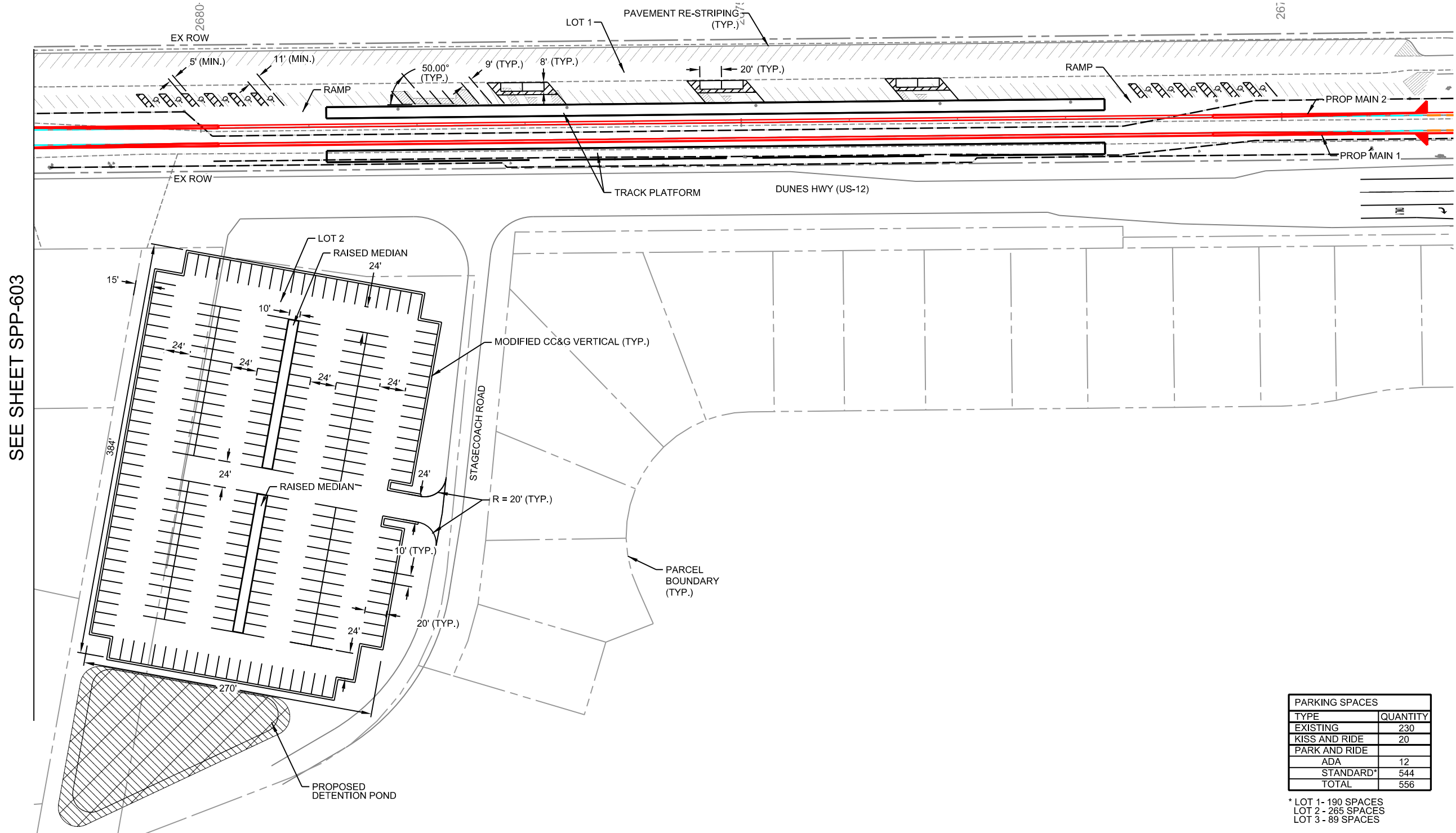


ISSUE	DATE	DESCRIPTION
0	05/12/2017	FINAL PRELIMINARY DESIGN



DESIGNED:	HDR-TH
DRAWN:	HDR-RP
CHECKED:	HDR-JM
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK-NWI PARKING LOT DESIGN PLANS OGDEN DUNES STATION (SHEET 1 OF 2)	
FILENAME	NICTD-C-PARKING-PL-00
SCALE	AS NOTED
SHEET	027 OF 029

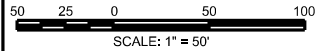


SEE SHEET SPP-603

PARKING SPACES	
TYPE	QUANTITY
EXISTING	230
KISS AND RIDE	20
PARK AND RIDE	
ADA	12
STANDARD*	544
TOTAL	556

* LOT 1 - 190 SPACES
 LOT 2 - 265 SPACES
 LOT 3 - 89 SPACES

PLOT DATE: 5/12/2017 3:04:36 PM DBURMEIS



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DOUBLE TRACK
 N·W·I
 Connectivity for Accelerated Growth
 MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	HDR-TH
DRAWN:	HDR-RP
CHECKED:	HDR-JM
DATE:	MAY 12, 2017

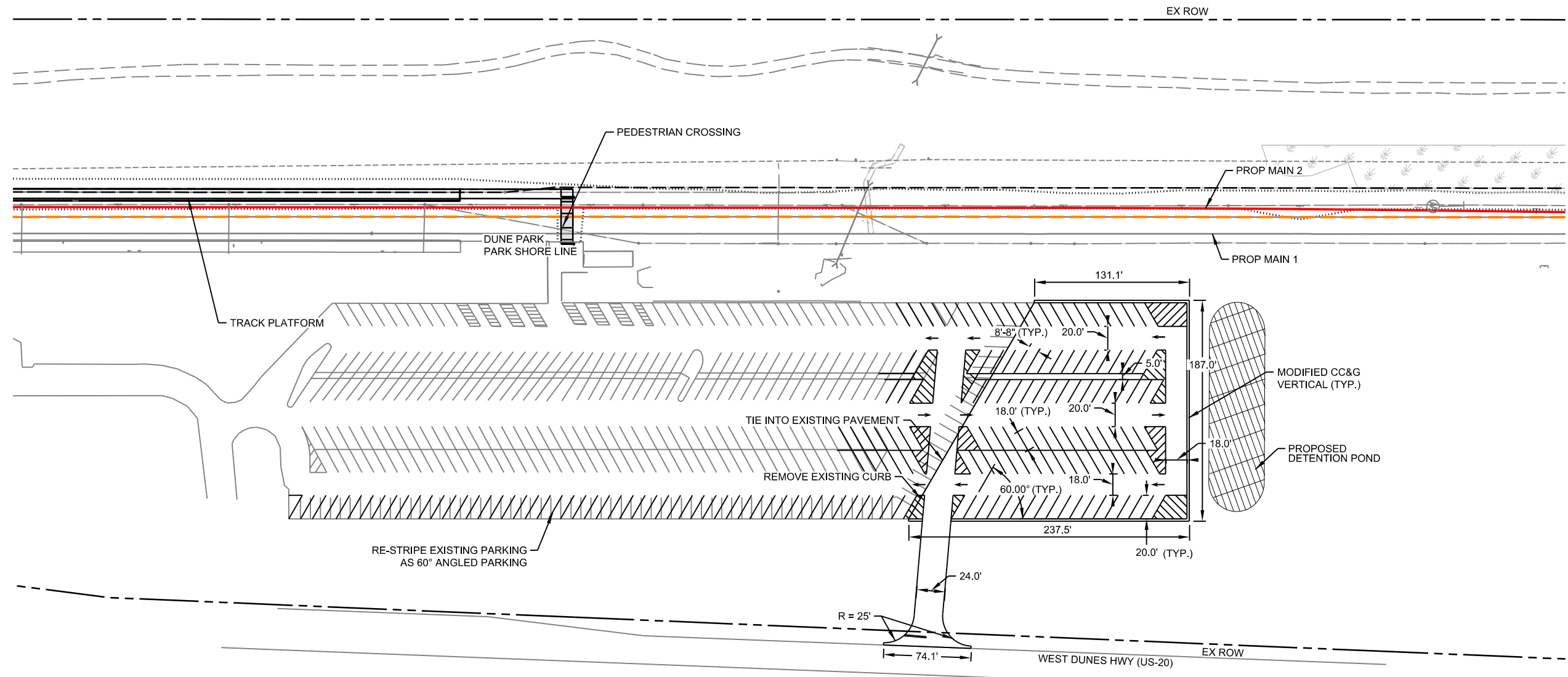
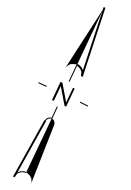
NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
 DOUBLE TRACK-NWI

**PARKING LOT DESIGN PLANS
 OGDEN DUNES STATION
 (SHEET 2 OF 2)**

FILENAME	NICTD-C-PARKING-PL-00	SHEET
SCALE	AS NOTED	028 OF 029

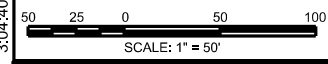
TO MILLENIUM STATION

TO SOUTH BEND AIRPORT



PARKING SPACES	
TYPE	QUANTITY
EXISTING	507
KISS AND RIDE	17
PARK AND RIDE	
ADA	15
STANDARD*	564
TOTAL	579

PLOT DATE: 5/12/2017 3:04:40 PM DBURMEIS



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DOUBLE TRACK N.W.I.
Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	HDR-RP
DRAWN:	HDR-TH
CHECKED:	HDR-JM
DATE:	MAY 12, 2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK-NWI

**PARKING LOT DESIGN PLANS
DUNE PARK STATION**

FILENAME	NICTD-C-PARKING-PL-00	SHEET	029 OF 029
SCALE	AS NOTED		

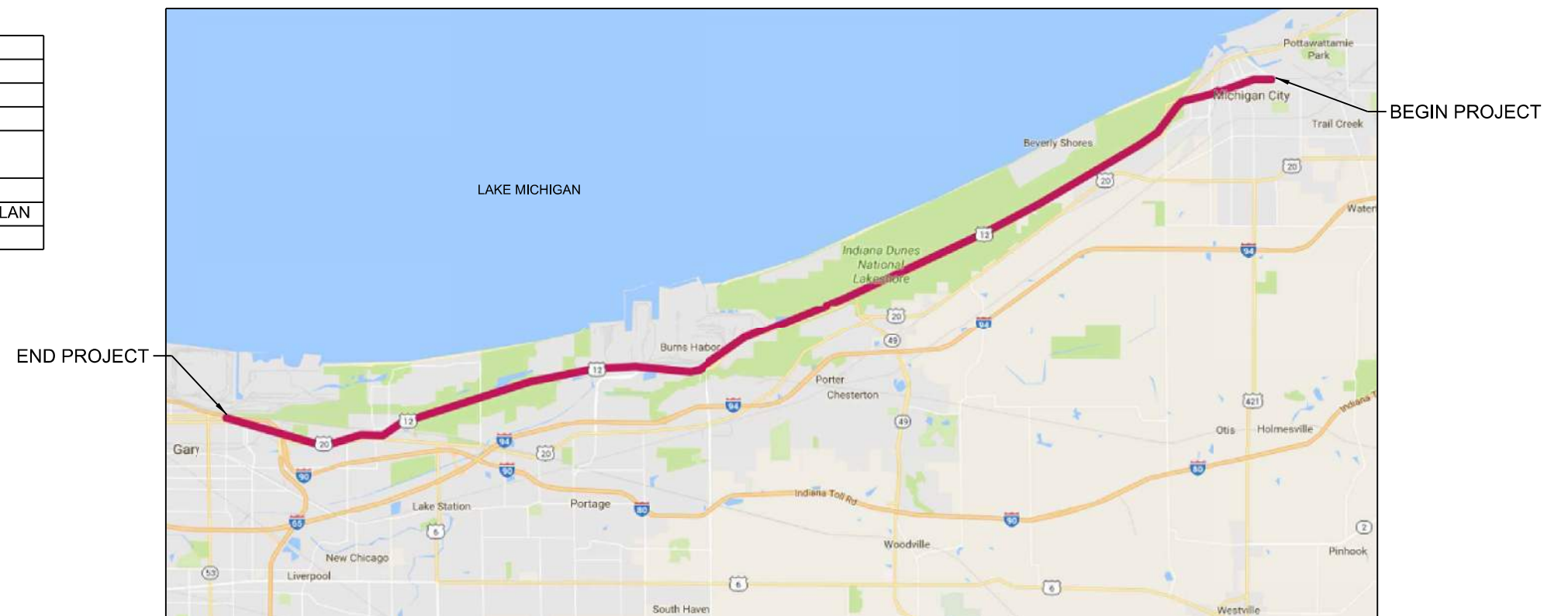
NORTHERN INDIANA COMMUTER TRANSPORTATION DISTRICT

DOUBLE TRACK NWI (NORTHWEST INDIANA)
MILEPOST 32.2 TO MILEPOST 58.8
MICHIGAN CITY TO GARY, INDIANA

ROADWAY PLANS

SHEET INDEX

SHEET #	TITLE	DESCRIPTION
1	RGN-001	COVER SHEET
2	RGN-002	GENERAL NOTES & LEGEND
3-4	TS-001 to TS-002	MICHIGAN CITY TYPICAL SECTIONS
5	RDP-001	TENNESSEE STREET AND OHIO STREET GEOMETRIC PLAN
6	RDP-002	ARCELOR MITTAL GEOMETRIC PLAN
7-19	RDP-003 to RDP-015	10TH STREET AND 11TH STREET GEOMETRIC PLAN
20-46	RDP-016 to RDP-042	GRADE CROSSING PLANS



PLOT DATE: 5/10/2017 11:52:03 AM kkoehnke



ISSUE	DATE	DESCRIPTION



DESIGNED:	PEI-ALH
DRAWN:	PEI-ALH
CHECKED:	PEI-KEK
DATE:	5/12/2017

NOT FOR CONSTRUCTION		SERIES RGN-001 OF RGN-002
NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK NWI		
COVER SHEET		
FILENAME	Cover Sheet	SHEET
SCALE	AS NOTED	1 OF 46

LEGEND

STANDARD ABBREVIATIONS

	EXISTING TRACK
	TRACK TO BE REMOVED
	TRACK TO BE SHIFTED
	SURFACE EXISTING TRACK
	PROPOSED TRACK
	PROPOSED POWER OPERATED TURNOUT
	PROPOSED HAND-THROW TURNOUT
	PROPOSED DUAL SWITCH POINT DERAIL
	PROPOSED ELECTRIC LOCK TURNOUT
	PROPOSED CULVERT EXTENSION
	CONSTRUCTION LIMITS
	OVERHEAD POWER LINE
	FENCE
	SANITARY SEWER
	PROPOSED SANITARY SEWER
	OVERHEAD FIBER
	FIBER OPTIC
	UNDERGROUND FIBER OPTIC
	PROPOSED UNDERGROUND FIBER OPTIC
	AERIAL FIBER OPTIC
	PROPOSED AERIAL FIBER OPTIC
	GAS LINE
	PROPOSED GAS LINE
	PETRO GAS LINE
	PROPOSED PETRO GAS LINE
	WATER LINE
	PROPOSED WATER LINE
	UNDERGROUND ELECTRIC
	PROPOSED UNDERGROUND ELECTRIC

	OVERHEAD ELECTRIC
	PROPOSED OVERHEAD ELECTRIC
	TREE/SHRUB/VEGETATION
	EDGE OF GRAVEL
	EXISTING RIGHT OF WAY
	PROPOSED PROPERTY IMPACTS
	PARCELS
	PROPOSED CONSTRUCTION EASEMENT
	TEMPORARY EASEMENT ON NPS PROPERTY
	ACCESS ROAD/TURNOUT PAD
	HIGH QUALITY WETLAND
	NON HIGH QUALITY WETLAND/UNDETERMINED
	STREAM OR DITCH
	RIP RAP
	ELECTRIC POLE
	COMMUNICATION POLE
	EXISTING CROSSING SIGNAL
	PROPOSED CROSSING SIGNAL (NOT SHOWN TO SCALE)
	PROPOSED PEDESTRIAN CROSSING SIGNAL (NOT SHOWN TO SCALE)
	PROPOSED PEDESTRIAN ONE-WAY ESCAPE GATE (NOT SHOWN TO SCALE)
	EXISTING CROSSBUCK
	EXISTING CROSSBUCK AND FLASHING LIGHTS
	RAILROAD CROSSING SYMBOL
	PROPOSED CROSSWALK PAVEMENT MARKING
	PROPOSED CURB AND GUTTER
	PROPOSED PAVEMENT MARKING
	TACTILE WARNING STRIP
	ADA 5' CLEAR AREA

	RAIL SIGNAL (DWFSIG)
	TRAFFIC SIGNAL
	FIBER OPTIC HAND HOLE
	ELECTRIC METER
	ELECTRIC PEDESTAL
	COMMUNICATION PEDESTAL
	CONTROL POINT
	SIGNS (NON-RAILROAD)
	GAS WARNING SIGN
	RAILROAD SIGN
	FIBER OPTIC MARKER
	WHISTLE POST SIGN
	COMMUNICATION POLE
	LIGHT POLE
	FIRE HYDRANT
	GUARDRAIL
	ASPHALT TO BE REMOVED AND REPLACED
	ASPHALT TO BE OVERLAID
	ASPHALT TO BE MILLED
	COMPACTED GRAVEL
	CONCRETE
	PROPOSED ATTENUATOR (NOT SHOWN TO SCALE)
	SAWCUT AND PAVEMENT REMOVAL
	CONCRETE CROSSING PANELS
	ASPHALT CROSSING SURFACE

APPROX	APPROXIMATE
BLDG	BUILDING
BM	BENCH MARK
CB	CATCH BASIN
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CN	CANADIAN NATIONAL
CONC	CONCRETE
CS	CURVE TO SPIRAL
CSS	CHICAGO SOUTH SHORE
CSXT	CSX TRANSPORTATION
CWR	CONTINUOUSLY WELDED RAIL
CY	CUBIC YARD
Dc	DEGREE OF CURVE
DI	DUCTILE IRON
DIAM.	DIAMETER
DOT	DEPARTMENT OF TRANSPORTATION
DPSD	DUAL SWITCH POINT DERAILS
DWG	DRAWING
E	EASTING
EA	EACH
EL	ELEVATION
ELEC	ENGINEER
ENGR	ELEVATION
ELEV, EL	ELECTRICAL
EXIST, EX	EXISTING
FOTS	FIBER OPTIC TRANSMISSION SYSTEM
FT	FOOT, FEET
G	GAS
GND	GROUND
HDPE	HIGH DENSITY POLYETHYLENE
HORZ	HORIZONTAL
HTTO	HAND THROW TURNOUT
HMA	HOT MIX ASPHALT
INV	INVERT
LB	POUND
Lc	LENGTH OF CURVE
LH	LEFT HAND
Ls	LENGTH OF SPIRAL
LIN FT, LF	LINEAR FOOT
LLT	LAST LONG TIE
LN	LANE
LT	LEFT
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MP	MILE POST
N	NORTHING
NIC	NOT IN CONTRACT

N.T.S.	NOT TO SCALE
NO.	NUMBER
NS	NORFOLK SOUTHERN
OHP	OVERHEAD POWER
OVH	OVERHEAD
PC	POINT OF CURVE
PI	POINT OF INTERSECTION
PITO	POINT OF INTERSECTION OF TURNOUT
POB	POINT OF BEGINNING
POE	POINT OF ENDING
POTO	POWER OPERATED TURNOUT
PR, PROP	PROPOSED
P.S.	POINT OF SWITCH
PT	POINT OF TANGENCY, POINT
PVC	POINT OF VERTICAL CURVE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENCY
R	RADIUS
RE	RAILWAY ENGINEERED, AREMA APPROVED RAIL SECTION
REV	REVISION
RH	RIGHT HAND
RR	RAILROAD
RT	RIGHT, ROUTE
R/W, ROW	RIGHT-OF-WAY
S	SOUTH
SC	SPIRAL TO CURVE
SD	STORM DRAIN
SDWLK	SIDEWALK
SF	SQUARE FOOT
SS	SANITARY SEWER
STA	STATION
ST	STREET, SPIRAL TO TANGENT
STD	STANDARD
STM, SD	STORM SEWER, STORM DRAIN
SW	SWITCH
TEMP	TEMPORARY
TF	TRACK FOOT, TRACK FEET
T.O.	TURNOUT
TOR	TOP OF RAIL
TRK	TRACK
TS	TANGENT TO SPIRAL
TYP, TYP.	TYPICAL
UG	UNDERGROUND
V	VELOCITY
VC	VERTICAL CURVE
W	WATER, WEST
XOVER	CROSSOVER
XING	CROSSING
YD	YARD

GENERAL NOTES

1. THE EXISTENCE, LOCATION, AND ELEVATION OF UTILITIES AND/OR CONCEALED STRUCTURES AT THE PROJECT SITE ARE NOT GUARANTEED. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXISTENCE, LOCATION, AND ELEVATION OF ALL SUCH UTILITIES AND/OR STRUCTURE AND IS RESPONSIBLE FOR NOTIFYING THE APPROPRIATE COMPANY, DEPARTMENT, OR PERSON(S) OF ITS INTENTION TO CARRY OUT ITS OPERATIONS.

PLOT DATE: 5/10/2017 11:52:43 AM kkoehneke



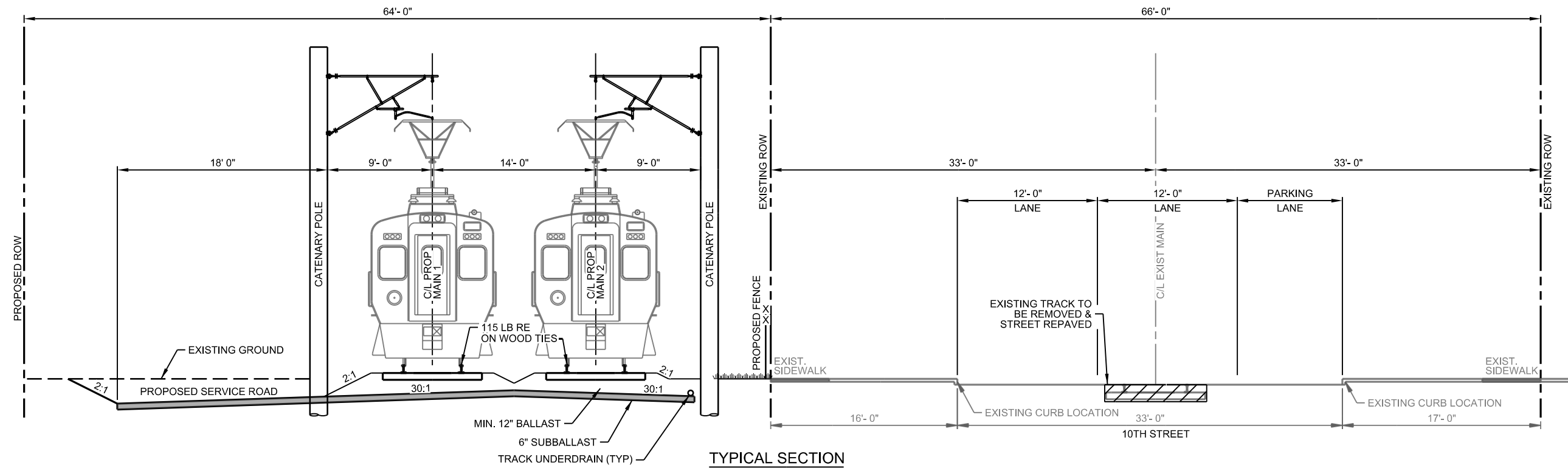
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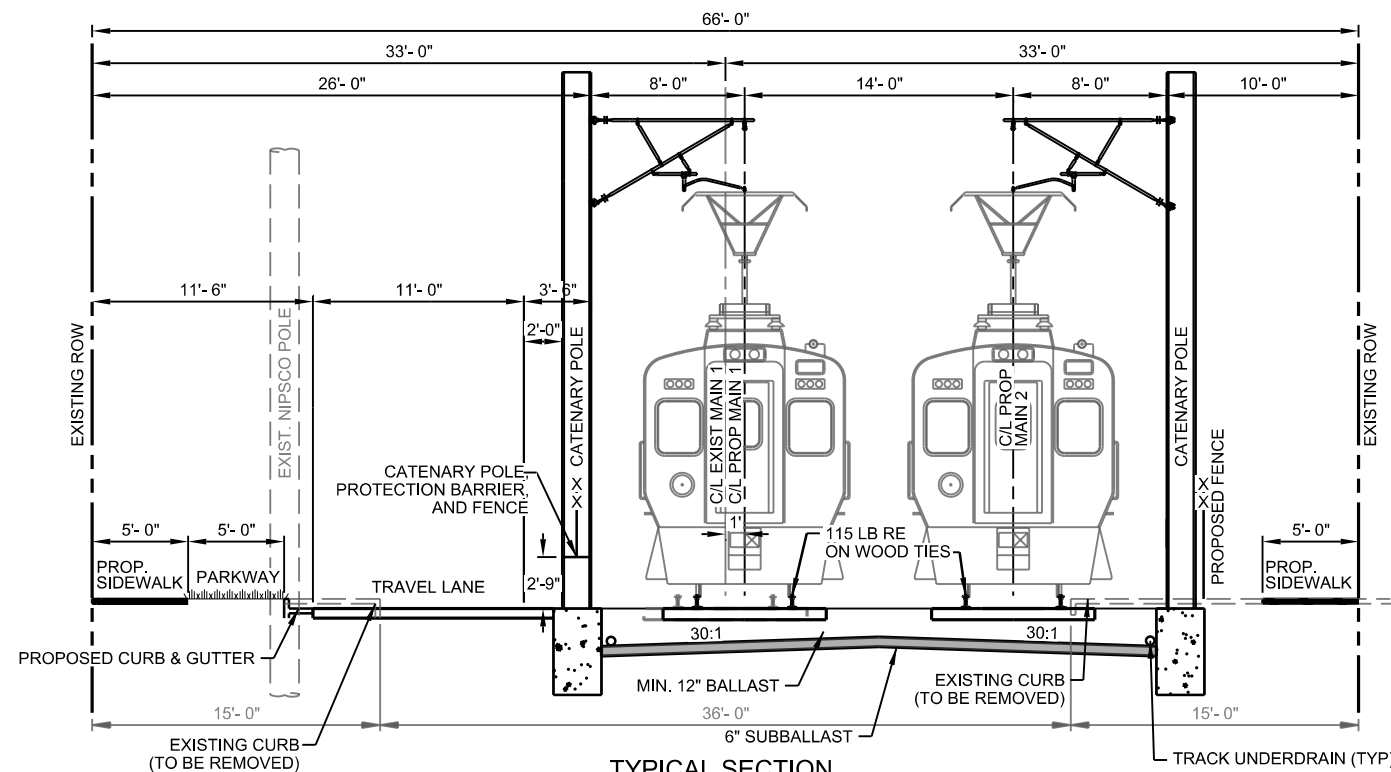
DESIGNED:	PEI-TBO
DRAWN:	PEI-TBO
CHECKED:	PEI-KEK
DATE:	5/12/2017

NOT FOR CONSTRUCTION SERIES RGN-002 OF RGN-002

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK NWI		
GENERAL NOTES & LEGEND		
FILENAME	NICTD-C-RD-General_Notes	SHEET
SCALE	AS NOTED	2 OF 46



TYPICAL SECTION
10TH STREET DOUBLE TRACK



TYPICAL SECTION
11TH STREET DOUBLE TRACK

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MICHIGAN CITY TO GARY, INDIANA

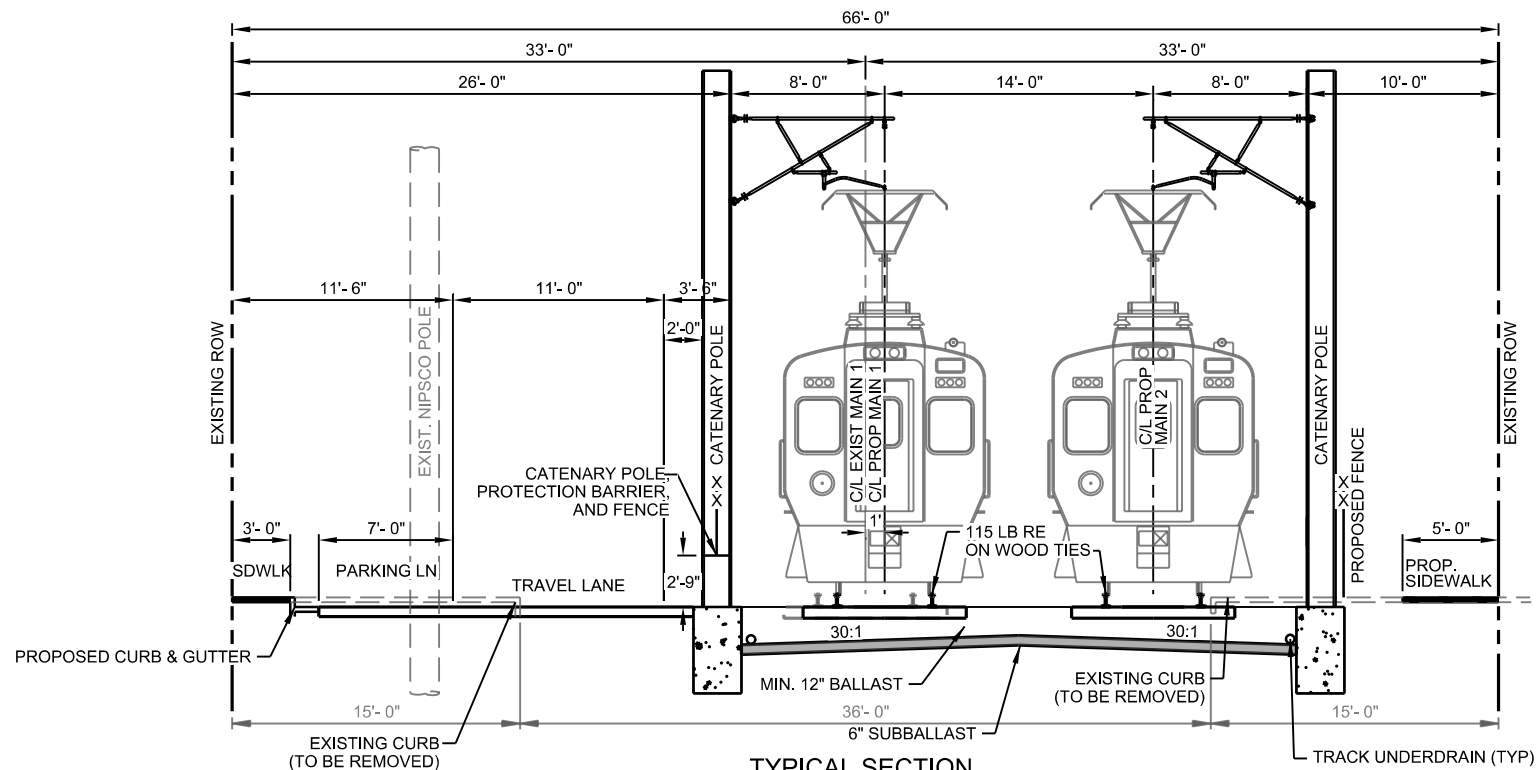
DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	5/12/2017

NOT FOR CONSTRUCTION SERIES TS-001 OF TS-002

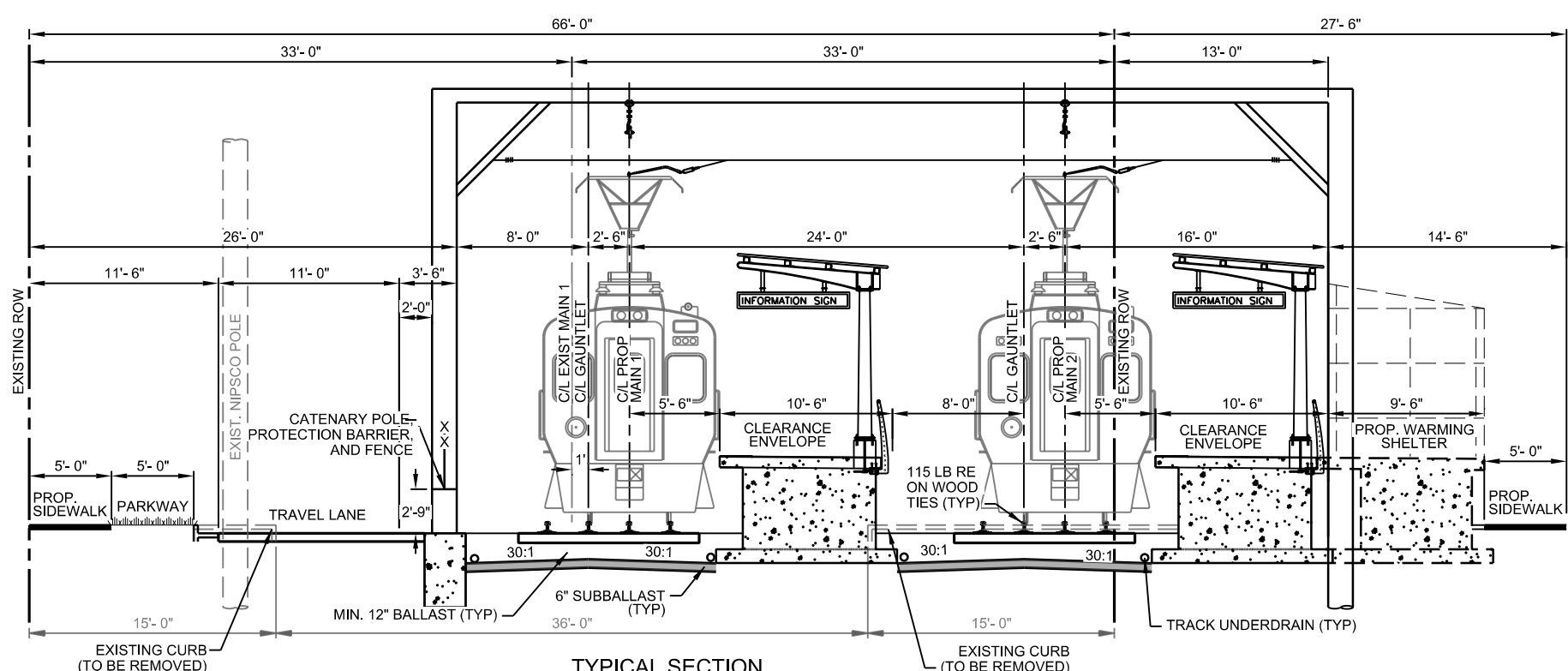
NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK NWI

MICHIGAN CITY
TYPICAL SECTIONS

FILENAME	NICTD-C-RD-TS_10th11th.dgn	SHEET
SCALE	AS NOTED	3 OF 46



TYPICAL SECTION
11TH STREET DOUBLE TRACK - WITH PARKING



TYPICAL SECTION
11TH STREET STATION WITH TWO PLATFORMS

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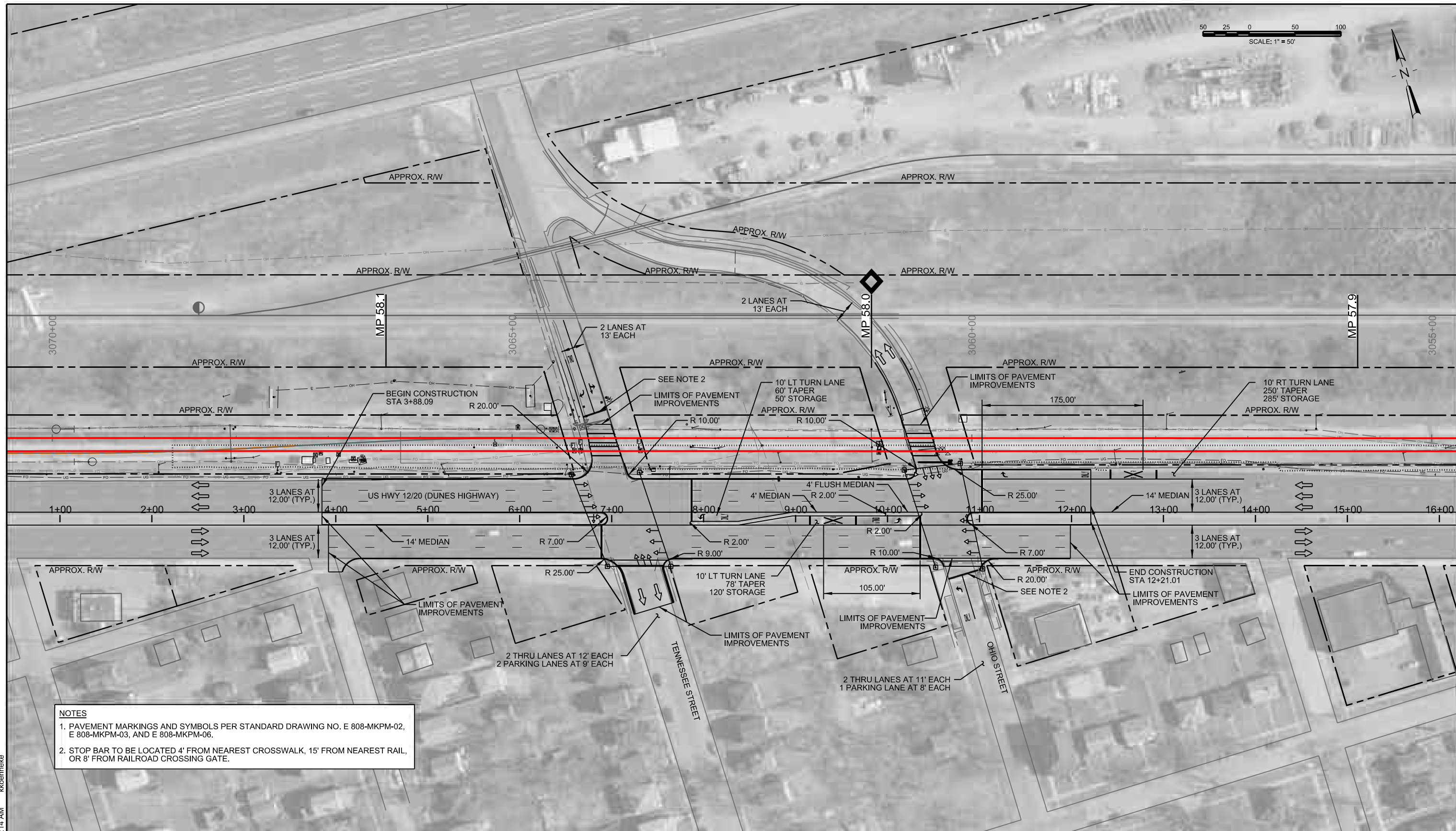
DESIGNED:	HDR-PJL
DRAWN:	HDR-WJJ
CHECKED:	HDR-ZDH
DATE:	5/12/2017

NOT FOR CONSTRUCTION SERIES TS-002 OF TS-002

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK NWI

**MICHIGAN CITY
TYPICAL SECTIONS**

FILENAME	NICTD-C-RD-TS_10th11th.dgn	SHEET
SCALE	AS NOTED	4 OF 46

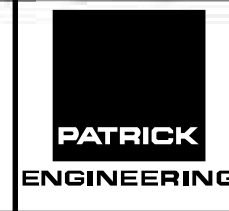


NOTES
 1. PAVEMENT MARKINGS AND SYMBOLS PER STANDARD DRAWING NO. E 808-MKPM-02, E 808-MKPM-03, AND E 808-MKPM-06.
 2. STOP BAR TO BE LOCATED 4' FROM NEAREST CROSSWALK, 15' FROM NEAREST RAIL, OR 8' FROM RAILROAD CROSSING GATE.

NOT FOR CONSTRUCTION SERIES RDP-001 OF RDP-042

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK NWI	
TENNESSEE STREET AND OHIO STREET GEOMETRIC PLAN	
FILENAME	Geo Plan for Tennessee Alt
SCALE	AS NOTED
SHEET	5 OF 46

PLOT DATE: 5/10/2017 11:53:14 AM kkoehnke



ISSUE	DATE	DESCRIPTION



DESIGNED:	PEI-YMR
DRAWN:	PEI-YMR
CHECKED:	PEI-JJC
DATE:	5/12/2017



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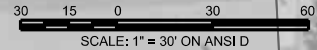


DESIGNED:	PEI-YMR
DRAWN:	PEI-YMR
CHECKED:	PEI-JJC
DATE:	5/12/2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK NWI ARCELOR MITTAL GEOMETRIC PLAN	
FILENAME	Geo Plan for Arcelor Mittal
SCALE	AS NOTED
SHEET	6 OF 46



NOTE:
FINAL DESIGN OF ALL ROAD CLOSURES WILL
BE THE RESPONSIBILITY OF MICHIGAN CITY.



NOT FOR CONSTRUCTION SERIES RDP-003 OF RDP-042

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK NWI

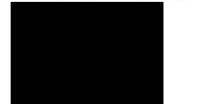
**10TH STREET AND 11TH STREET
GEOMETRIC PLAN SHEET 1**

FILENAME	10th and 11th Street Concept Shee	SHEET
SCALE	AS NOTED	7 OF 46

PLOT DATE: 5/10/2017 11:53:49 AM kkoehneke



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**PATRICK
ENGINEERING**

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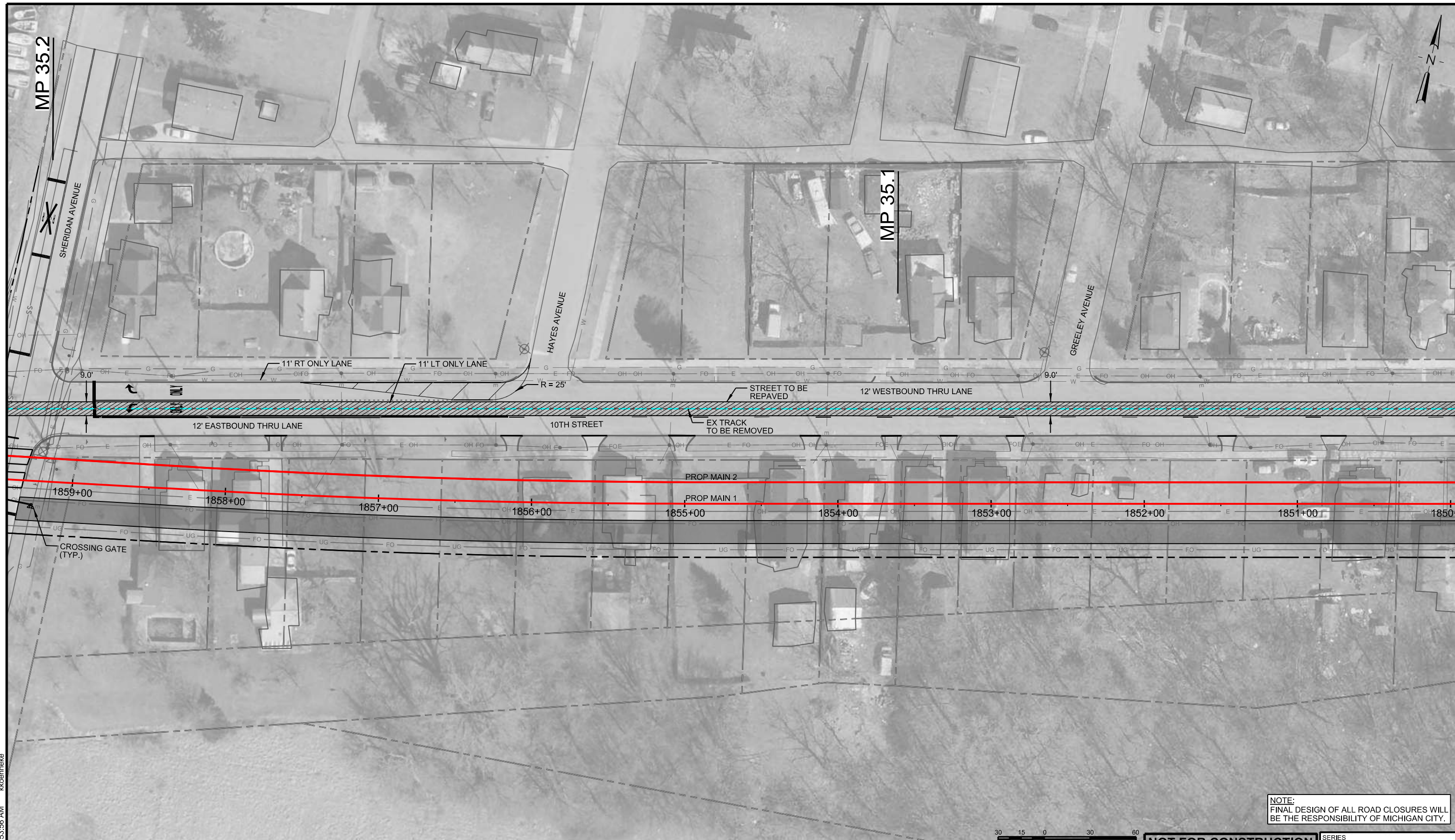


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33 East Highway 12
Chesterton, Indiana 46304

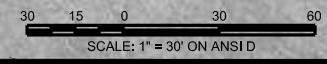


MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	PEI-ALH
DRAWN:	PEI-ALH
CHECKED:	PEI-JJC
DATE:	5/12/2017



NOTE:
FINAL DESIGN OF ALL ROAD CLOSURES WILL
BE THE RESPONSIBILITY OF MICHIGAN CITY.



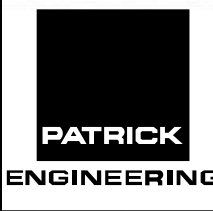
NOT FOR CONSTRUCTION SERIES RDP-004 OF RDP-042

DESIGNED: PEI-ALH
DRAWN: PEI-ALH
CHECKED: PEI-JJC
DATE: 5/12/2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK NWI
**10TH STREET AND 11TH STREET
GEOMETRIC PLAN SHEET 2**

FILENAME	10th and 11th Street Concept Shee	SHEET
SCALE	AS NOTED	8 OF 46

PLOT DATE: 5/10/2017 11:53:56 AM kkoehneke



ISSUE	DATE	DESCRIPTION





NOTE:
FINAL DESIGN OF ALL ROAD CLOSURES WILL
BE THE RESPONSIBILITY OF MICHIGAN CITY.

SCALE: 1" = 30' ON A51 D

NOT FOR CONSTRUCTION SERIES RDP-005 OF RDP-042

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK NWI

**10TH STREET AND 11TH STREET
GEOMETRIC PLAN SHEET 3**

FILENAME	10th and 11th Street Concept Shee	SHEET
SCALE	AS NOTED	9 OF 46

PLOT DATE: 5/10/2017 11:54:03 AM kkoehneke



ISSUE	DATE	DESCRIPTION



DESIGNED: PEI-ALH
DRAWN: PEI-ALH
CHECKED: PEI-JJC
DATE: 5/12/2017



NOTE:
FINAL DESIGN OF ALL ROAD CLOSURES WILL
BE THE RESPONSIBILITY OF MICHIGAN CITY.

SCALE: 1" = 30' ON ANSI D

NOT FOR CONSTRUCTION SERIES RDP-006 OF RDP-042

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK NWI

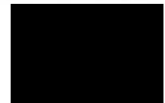
**10TH STREET AND 11TH STREET
GEOMETRIC PLAN SHEET 4**

FILENAME 10th and 11th Street Concept Shee SHEET
SCALE AS NOTED **10 OF 46**

PLOT DATE: 5/10/2017 11:54:10 AM kkoehneke



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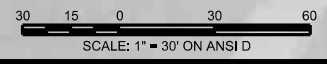


MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	PEI-ALH
DRAWN:	PEI-ALH
CHECKED:	PEI-JJC
DATE:	5/12/2017



NOTE:
FINAL DESIGN OF ALL ROAD CLOSURES WILL
BE THE RESPONSIBILITY OF MICHIGAN CITY.



NOT FOR CONSTRUCTION SERIES RDP-007 OF RDP-042

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK NW1

**10TH STREET AND 11TH STREET
GEOMETRIC PLAN SHEET 5**

FILENAME	10th and 11th Street Concept Shee	SHEET
SCALE	AS NOTED	11 OF 46

PLOT DATE: 5/10/2017 11:54:19 AM kkoehneke

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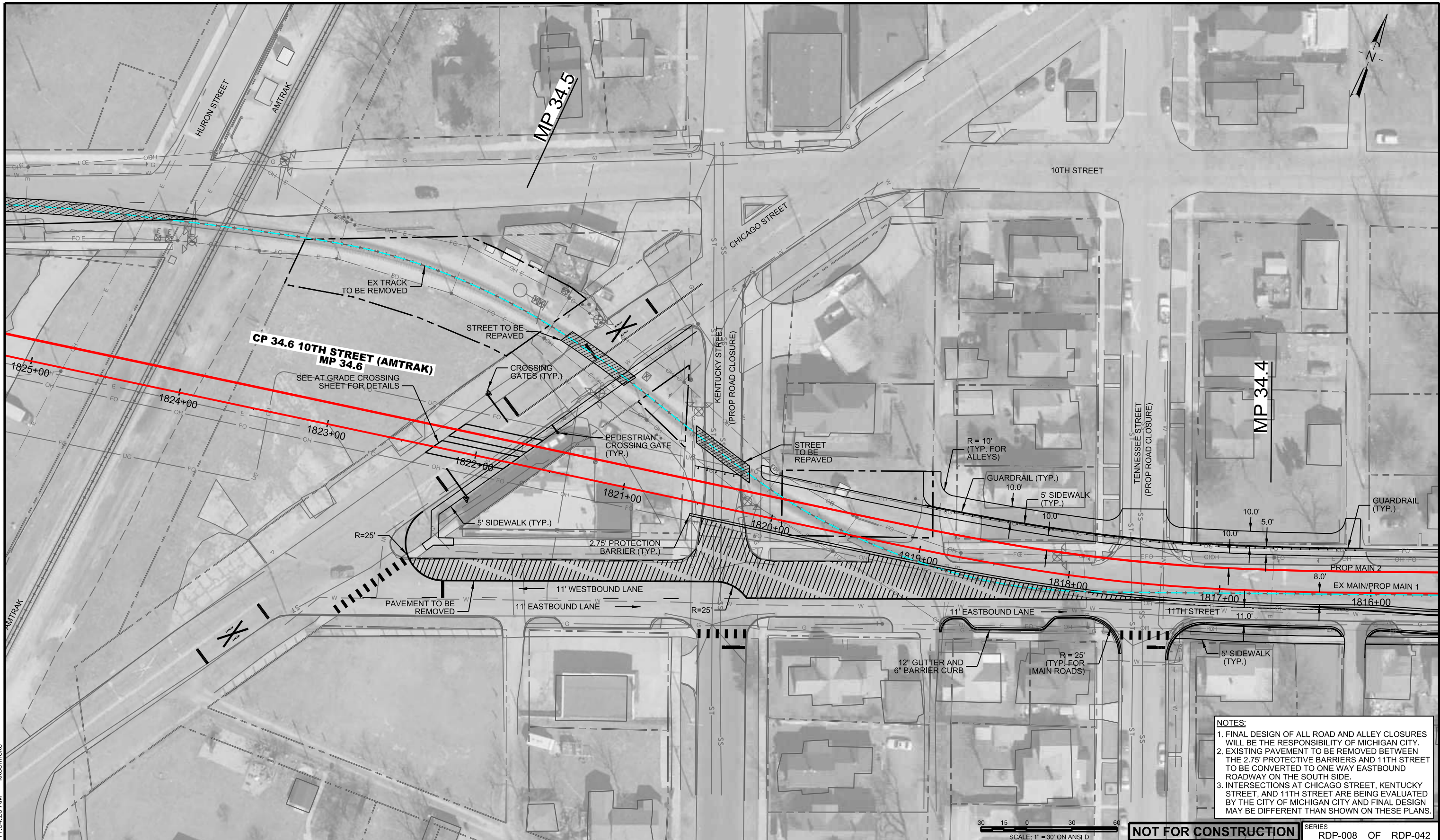
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Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	PEI-ALH
DRAWN:	PEI-ALH
CHECKED:	PEI-JJC
DATE:	5/12/2017



NOTES:

1. FINAL DESIGN OF ALL ROAD AND ALLEY CLOSURES WILL BE THE RESPONSIBILITY OF MICHIGAN CITY.
2. EXISTING PAVEMENT TO BE REMOVED BETWEEN THE 2.75' PROTECTIVE BARRIERS AND 11TH STREET TO BE CONVERTED TO ONE WAY EASTBOUND ROADWAY ON THE SOUTH SIDE.
3. INTERSECTIONS AT CHICAGO STREET, KENTUCKY STREET, AND 11TH STREET ARE BEING EVALUATED BY THE CITY OF MICHIGAN CITY AND FINAL DESIGN MAY BE DIFFERENT THAN SHOWN ON THESE PLANS.

SCALE: 1" = 30' ON ANSI D

NOT FOR CONSTRUCTION SERIES RDP-008 OF RDP-042

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK NWI

**10TH STREET AND 11TH STREET
GEOMETRIC PLAN SHEET 6**

FILENAME	10th and 11th Street Concept Shee	SHEET
SCALE	AS NOTED	12 OF 46

PLOT DATE: 5/10/2017 11:54:26 AM kkoehneke

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Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	PEI-ALH
DRAWN:	PEI-ALH
CHECKED:	PEI-JJC
DATE:	5/12/2017



PLOT DATE: 5/10/2017 11:54:32 AM kkoehneke

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TRANSPORTATION DISTRICT
33 East Highway 12
Chesterton, Indiana 46304

DOUBLE TRACK
N.W.I.
Connectivity for Accelerated Growth
MICHIGAN CITY TO GARY, INDIANA

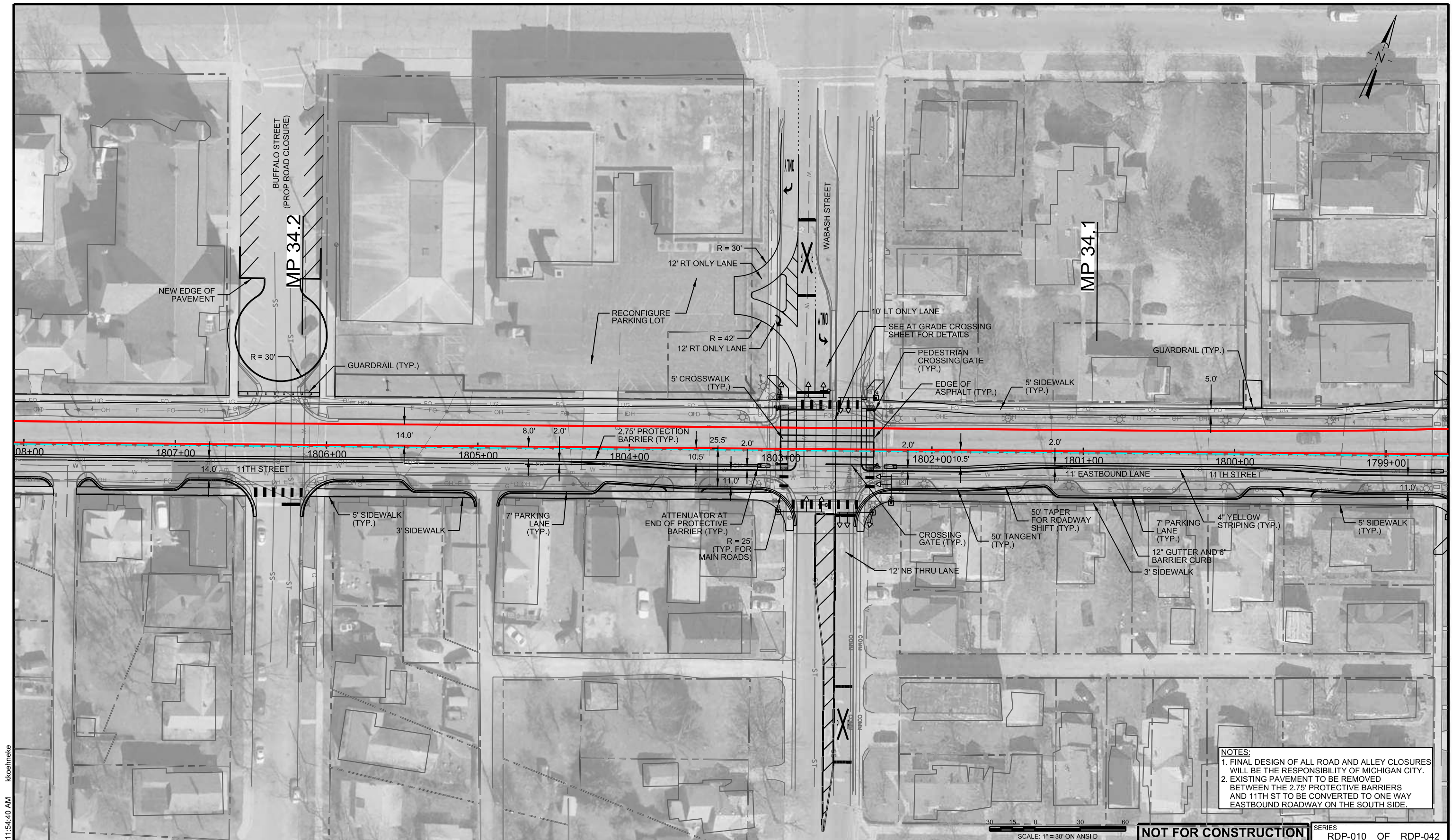
DESIGNED:	PEI-ALH
DRAWN:	PEI-ALH
CHECKED:	PEI-JJC
DATE:	5/12/2017

NOT FOR CONSTRUCTION SERIES RDP-009 OF RDP-042

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK NWI

**10TH STREET AND 11TH STREET
GEOMETRIC PLAN SHEET 7**

FILENAME	10th and 11th Street Concept Shee	SHEET
SCALE	AS NOTED	13 OF 46



NOTES:
 1. FINAL DESIGN OF ALL ROAD AND ALLEY CLOSURES WILL BE THE RESPONSIBILITY OF MICHIGAN CITY.
 2. EXISTING PAVEMENT TO BE REMOVED BETWEEN THE 2.75' PROTECTIVE BARRIERS AND 11TH ST TO BE CONVERTED TO ONE WAY EASTBOUND ROADWAY ON THE SOUTH SIDE.

SCALE: 1" = 30' ON ANSI D

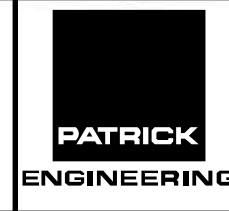
NOT FOR CONSTRUCTION SERIES RDP-010 OF RDP-042

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
 DOUBLE TRACK NWI

**10TH STREET AND 11TH STREET
 GEOMETRIC PLAN SHEET 8**

FILENAME	10th and 11th Street Concept Shee	SHEET
SCALE	AS NOTED	14 OF 46

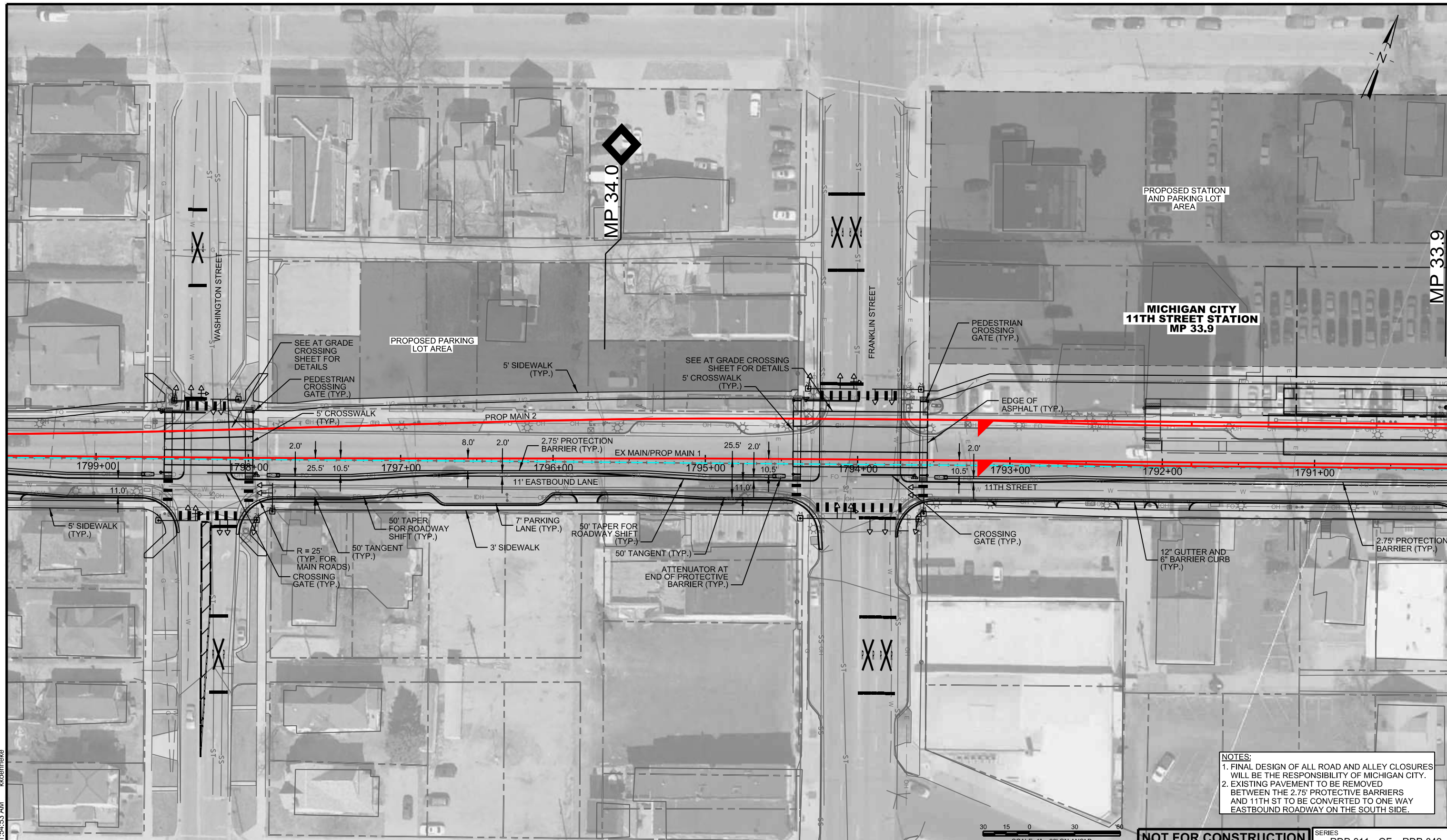
PLOT DATE: 5/10/2017 11:54:40 AM kkoehneke



ISSUE	DATE	DESCRIPTION



DESIGNED:	PEI-ALH
DRAWN:	PEI-ALH
CHECKED:	PEI-JJC
DATE:	5/12/2017



MP 34.0

PROPOSED STATION AND PARKING LOT AREA

MICHIGAN CITY
11TH STREET STATION
MP 33.9

MP 33.9

NOTES:
 1. FINAL DESIGN OF ALL ROAD AND ALLEY CLOSURES WILL BE THE RESPONSIBILITY OF MICHIGAN CITY.
 2. EXISTING PAVEMENT TO BE REMOVED BETWEEN THE 2.75' PROTECTIVE BARRIERS AND 11TH ST TO BE CONVERTED TO ONE WAY EASTBOUND ROADWAY ON THE SOUTH SIDE.

SCALE: 1" = 30' ON ANSID

NOT FOR CONSTRUCTION SERIES RDP-011 OF RDP-042

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK NWI

**10TH STREET AND 11TH STREET
GEOMETRIC PLAN SHEET 9**

FILENAME	10th and 11th Street Concept Shee	SHEET
SCALE	AS NOTED	15 OF 46

PLOT DATE: 5/10/2017 11:54:53 AM kkoehneke



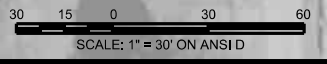
ISSUE	DATE	DESCRIPTION



DESIGNED:	PEI-ALH
DRAWN:	PEI-ALH
CHECKED:	PEI-JJC
DATE:	5/12/2017



NOTES:
 1. FINAL DESIGN OF ALL ROAD AND ALLEY CLOSURES WILL BE THE RESPONSIBILITY OF MICHIGAN CITY.
 2. EXISTING PAVEMENT TO BE REMOVED BETWEEN THE 2.75' PROTECTIVE BARRIERS AND 11TH ST TO BE CONVERTED TO ONE WAY EASTBOUND ROADWAY ON THE SOUTH SIDE.



NOT FOR CONSTRUCTION SERIES RDP-012 OF RDP-042

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
 DOUBLE TRACK NWI

**10TH STREET AND 11TH STREET
 GEOMETRIC PLAN SHEET 10**

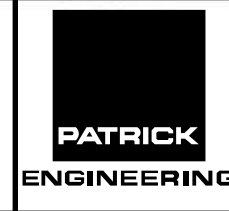
FILENAME	10th and 11th Street Concept Shee	SHEET
SCALE	AS NOTED	16 OF 46

DESIGNED: PEI-ALH
 DRAWN: PEI-ALH
 CHECKED: PEI-JJC
 DATE: 5/12/2017

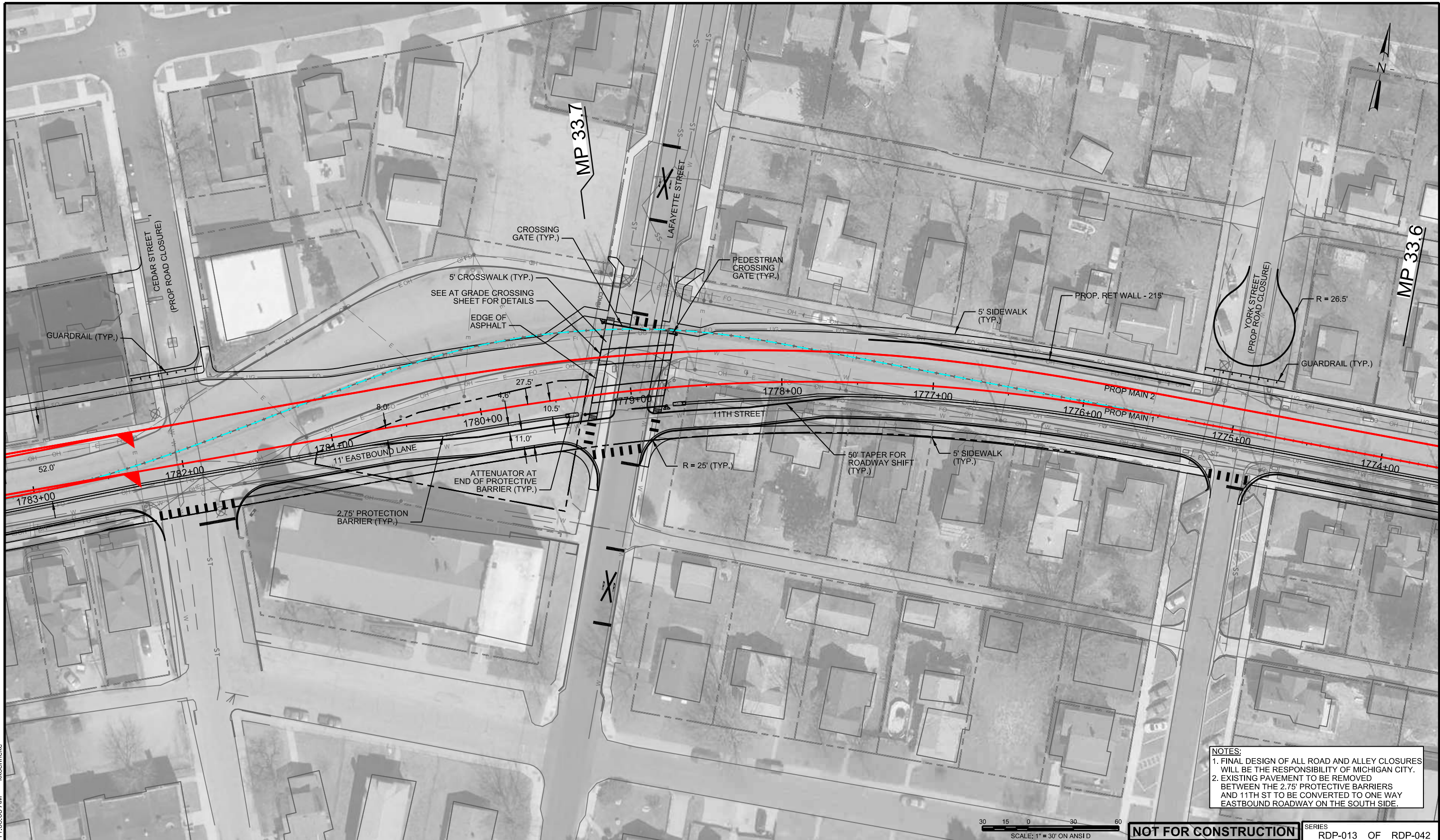


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NOTES:
 1. FINAL DESIGN OF ALL ROAD AND ALLEY CLOSURES WILL BE THE RESPONSIBILITY OF MICHIGAN CITY.
 2. EXISTING PAVEMENT TO BE REMOVED BETWEEN THE 2.75' PROTECTIVE BARRIERS AND 11TH ST TO BE CONVERTED TO ONE WAY EASTBOUND ROADWAY ON THE SOUTH SIDE.

SCALE: 1" = 30' ON ANSID

NOT FOR CONSTRUCTION SERIES RDP-013 OF RDP-042

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
 DOUBLE TRACK NWI

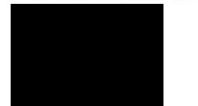
**10TH STREET AND 11TH STREET
 GEOMETRIC PLAN SHEET 11**

FILENAME 10th and 11th Street Concept Shee SHEET 17 OF 46
 SCALE AS NOTED

PLOT DATE: 5/10/2017 11:55:08 AM kkoehneke



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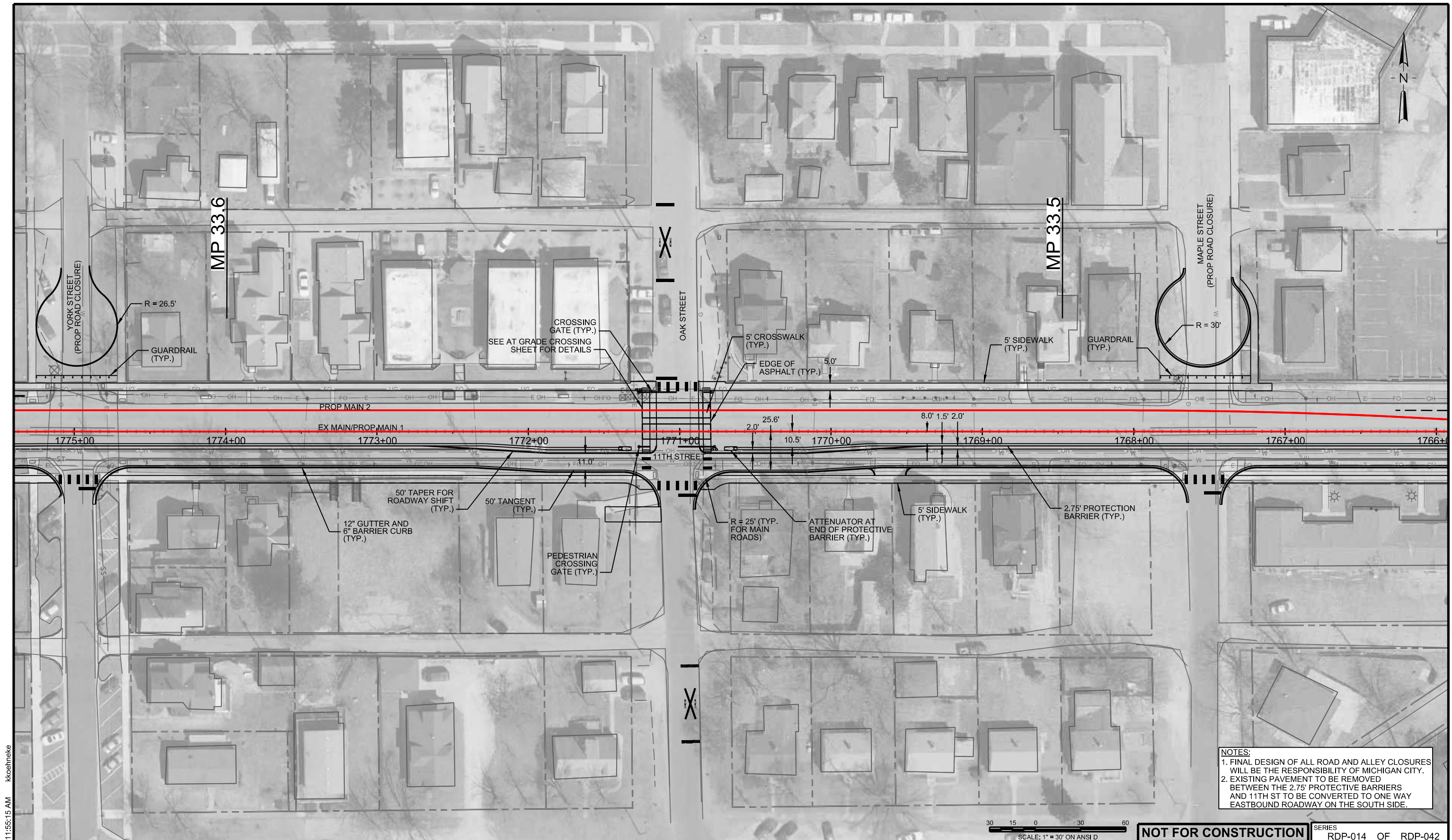


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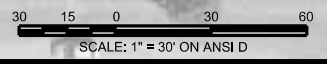


MICHIGAN CITY TO GARY, INDIANA

DESIGNED: PEI-ALH
 DRAWN: PEI-ALH
 CHECKED: PEI-JJC
 DATE: 5/12/2017



NOTES:
 1. FINAL DESIGN OF ALL ROAD AND ALLEY CLOSURES WILL BE THE RESPONSIBILITY OF MICHIGAN CITY.
 2. EXISTING PAVEMENT TO BE REMOVED BETWEEN THE 2.75' PROTECTIVE BARRIERS AND 11TH ST TO BE CONVERTED TO ONE WAY EASTBOUND ROADWAY ON THE SOUTH SIDE.



NOT FOR CONSTRUCTION SERIES RDP-014 OF RDP-042

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
 DOUBLE TRACK NWI

**10TH STREET AND 11TH STREET
 GEOMETRIC PLAN SHEET 12**

FILENAME	10th and 11th Street Concept Shee	SHEET
SCALE	AS NOTED	18 OF 46

PLOT DATE: 5/10/2017 11:55:15 AM kkoehneke

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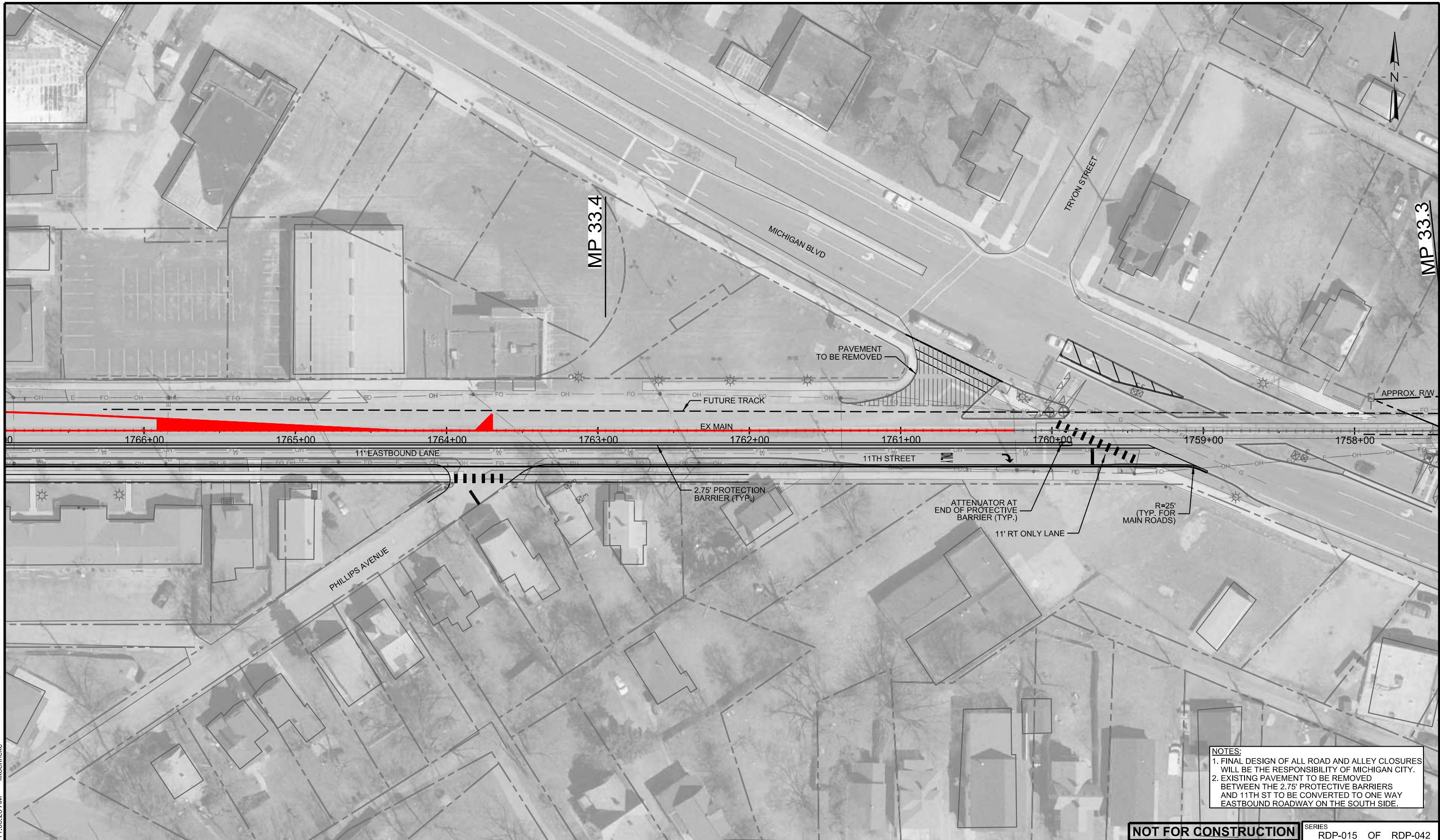
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ISSUE	DATE	DESCRIPTION

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 NORTHERN INDIANA COMMUTER
 TRANSPORTATION DISTRICT
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 Chesterton, Indiana 46304

**DOUBLE
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 Connectivity for Accelerated Growth
 MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	PEI-ALH
DRAWN:	PEI-ALH
CHECKED:	PEI-JJC
DATE:	5/12/2017



NOTES:
 1. FINAL DESIGN OF ALL ROAD AND ALLEY CLOSURES WILL BE THE RESPONSIBILITY OF MICHIGAN CITY.
 2. EXISTING PAVEMENT TO BE REMOVED BETWEEN THE 2.75' PROTECTIVE BARRIERS AND 11TH ST TO BE CONVERTED TO ONE WAY EASTBOUND ROADWAY ON THE SOUTH SIDE.

NOT FOR CONSTRUCTION SERIES RDP-015 OF RDP-042

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
 DOUBLE TRACK NWI

**10TH STREET AND 11TH STREET
 GEOMETRIC PLAN SHEET 13**

FILENAME 10th and 11th Street Concept Shee SHEET
 SCALE AS NOTED 19 OF 46

DESIGNED: PEI-ALH
 DRAWN: PEI-ALH
 CHECKED: PEI-JJC
 DATE: 5/12/2017

DOUBLE TRACK N.W.I
 Connectivity for Accelerated Growth
 MICHIGAN CITY TO GARY, INDIANA

NICTD
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 TRANSPORTATION DISTRICT
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 Chesterton, Indiana 46304

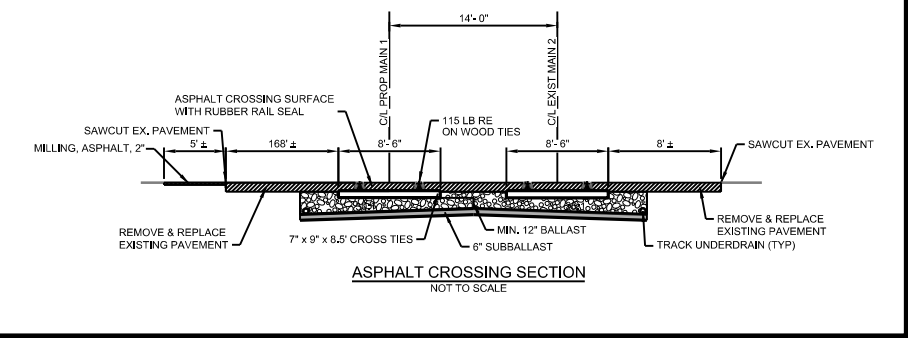
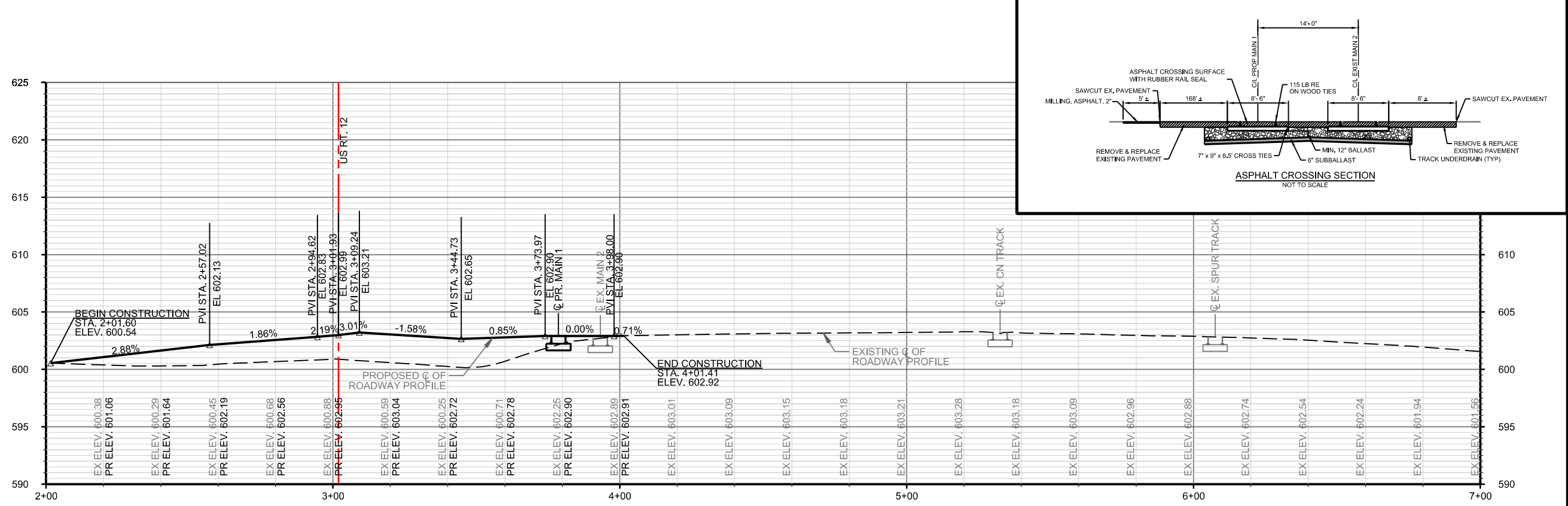
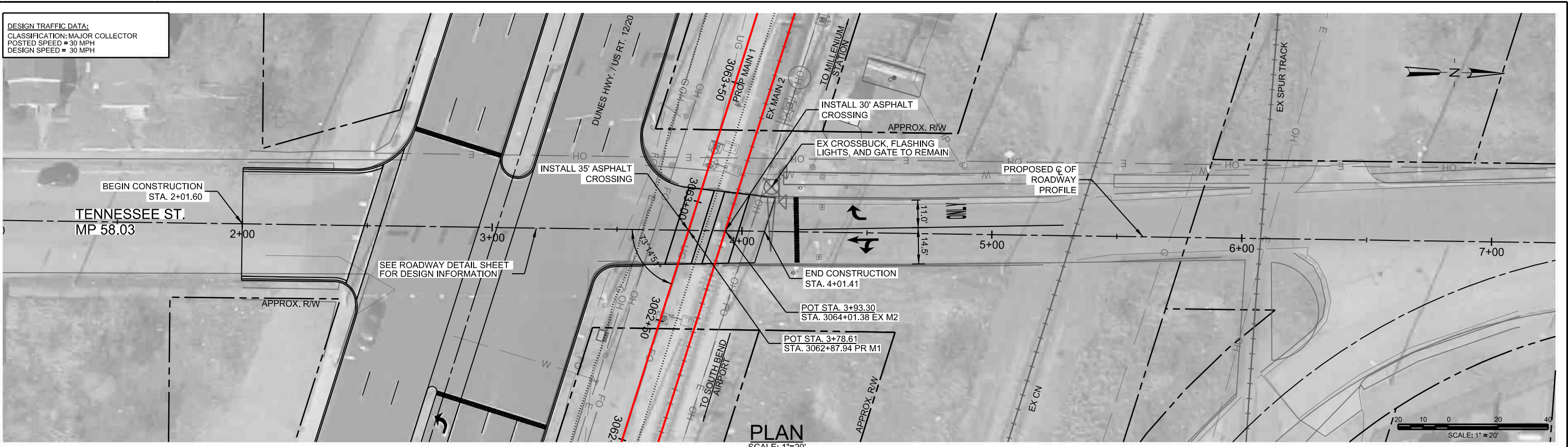
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ISSUE	DATE	DESCRIPTION

PLOT DATE: 5/10/2017 11:55:25 AM kkoehneke

DESIGN TRAFFIC DATA:
 CLASSIFICATION: MAJOR COLLECTOR
 POSTED SPEED = 30 MPH
 DESIGN SPEED = 30 MPH



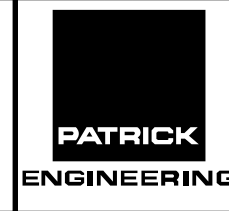
NOT FOR CONSTRUCTION SERIES RDP-016 OF RDP-042

DESIGNED: PEI-TWC/YMR
 DRAWN: PEI-YMR
 CHECKED: PEI-KEK
 DATE: 5/12/2017

NCITD - SOUTH SHORE LINE - MP 32.2 TO 58.8
 DOUBLE TRACK NWI
CROSSING PLAN - MP 58.03
TENNESSEE STREET - 870885R

FILENAME: TENNESSEE ST., MP 58.03, D SHEET
 SCALE: AS NOTED 20 OF 46

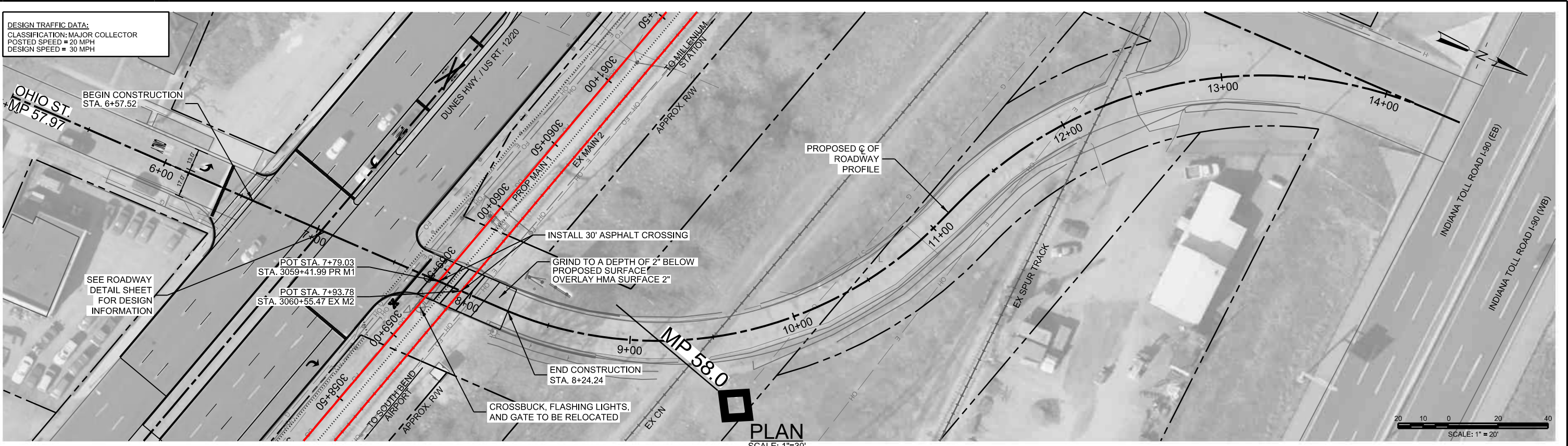
PLOT DATE: 5/10/2017 11:55:35 AM kkoehnke



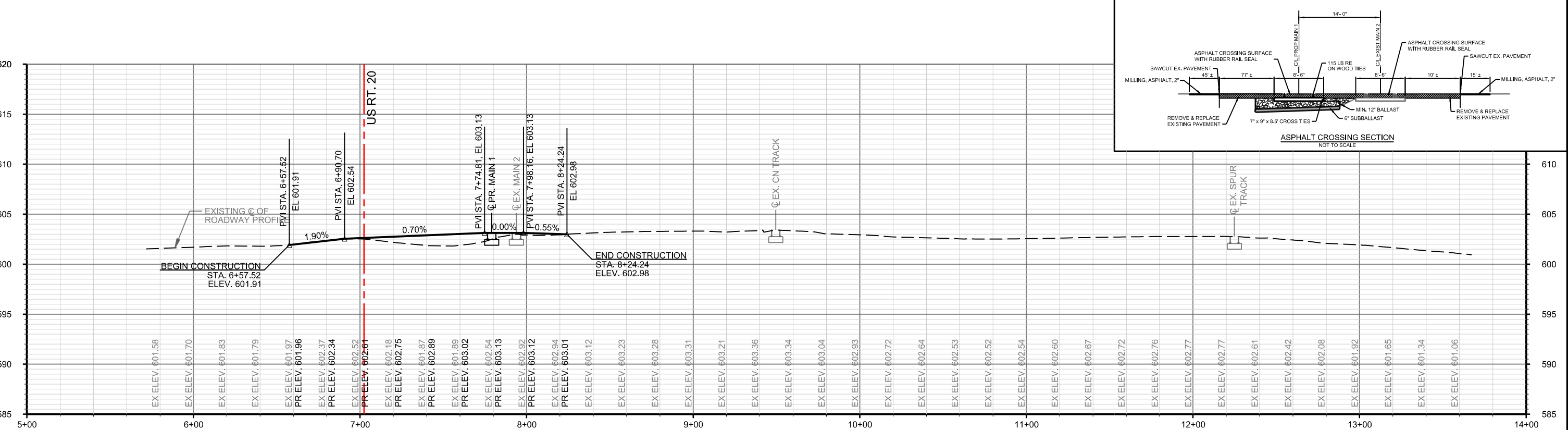
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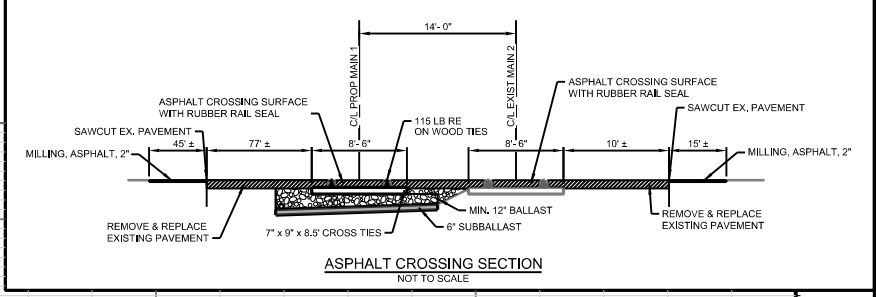
DESIGN TRAFFIC DATA:
 CLASSIFICATION: MAJOR COLLECTOR
 POSTED SPEED = 20 MPH
 DESIGN SPEED = 30 MPH



PLAN
 SCALE: 1"=30'



PROFILE
 SCALE: AS NOTED



PLOT DATE: 5/10/2017 11:55:49 AM kkoehneke



ISSUE	DATE	DESCRIPTION

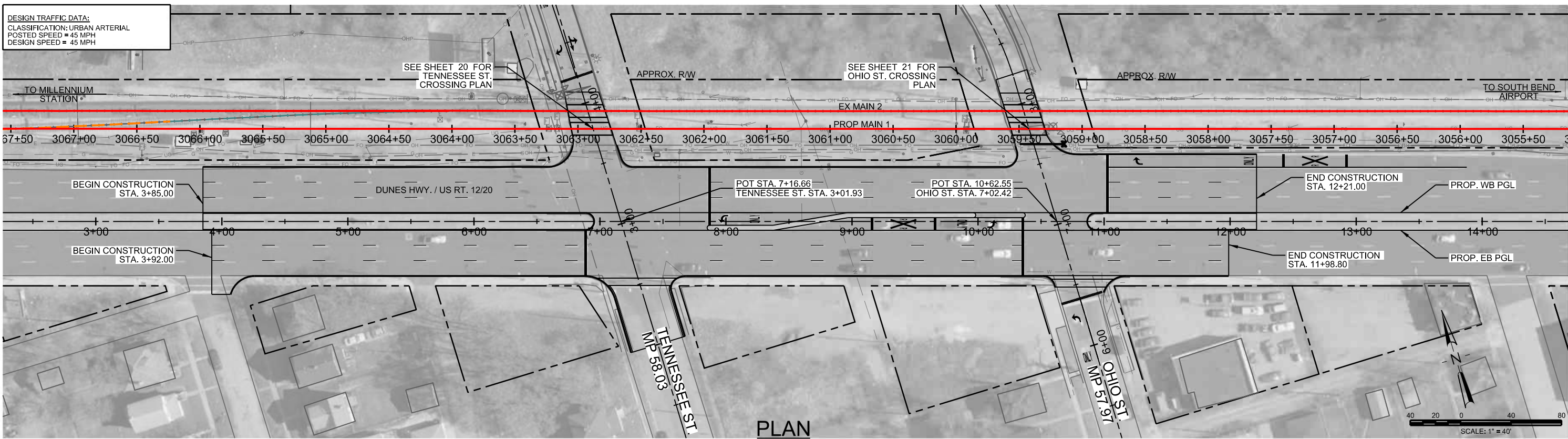


DESIGNED:	PEI-TWC/YMR
DRAWN:	PEI-YMR
CHECKED:	PEI-KEK
DATE:	5/12/2017

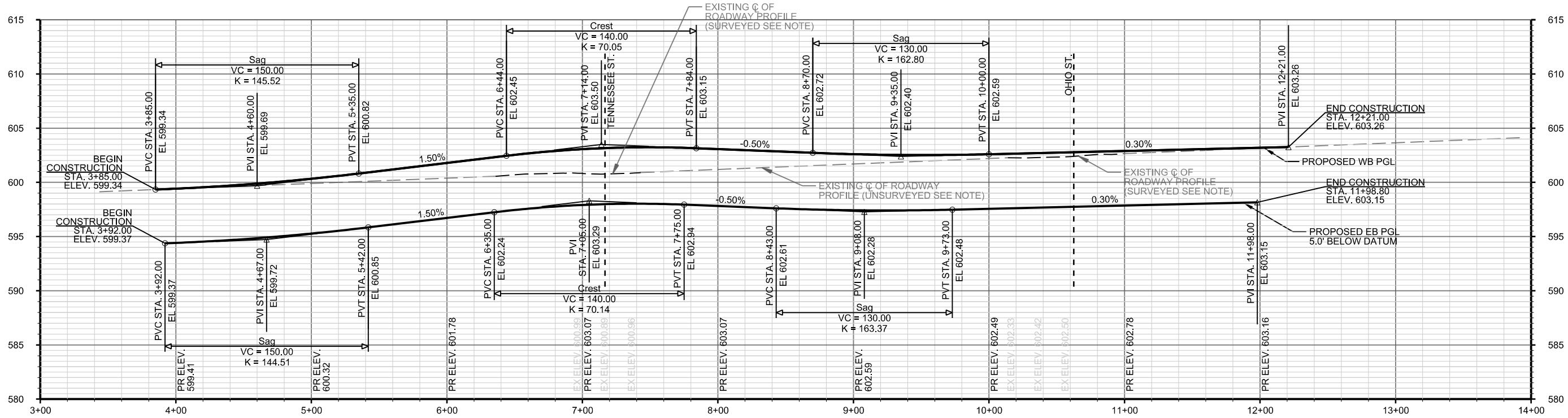
NOT FOR CONSTRUCTION SERIES RDP-017 OF RDP-042

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK NWI		
CROSSING PLAN - MP 57.97 OHIO ST - 870884J		
FILENAME	OHIO ST., MP 57.97, 870884	SHEET
SCALE	AS NOTED	21 OF 46

DESIGN TRAFFIC DATA:
 CLASSIFICATION: URBAN ARTERIAL
 POSTED SPEED = 45 MPH
 DESIGN SPEED = 45 MPH



PLAN
 SCALE: 1"=40'



PROFILE
 SCALE: AS NOTED

NOTE:
 EXISTING GROUND AT STA. 6+35.99 TO STA. 7+43.46 AND STA. 10+14.63 TO STA. 10+98.96 HAS BEEN SURVEYED.
 EXISTING GROUND OUTSIDE OF THESE STATIONS HAS BEEN APPROXIMATED FROM EXISTING INDOT PLANS FOR
 THE PURPOSE OF THIS DESIGN. ADDITIONAL SURVEY WILL BE REQUIRED TO COMPLETE FINAL DESIGN.

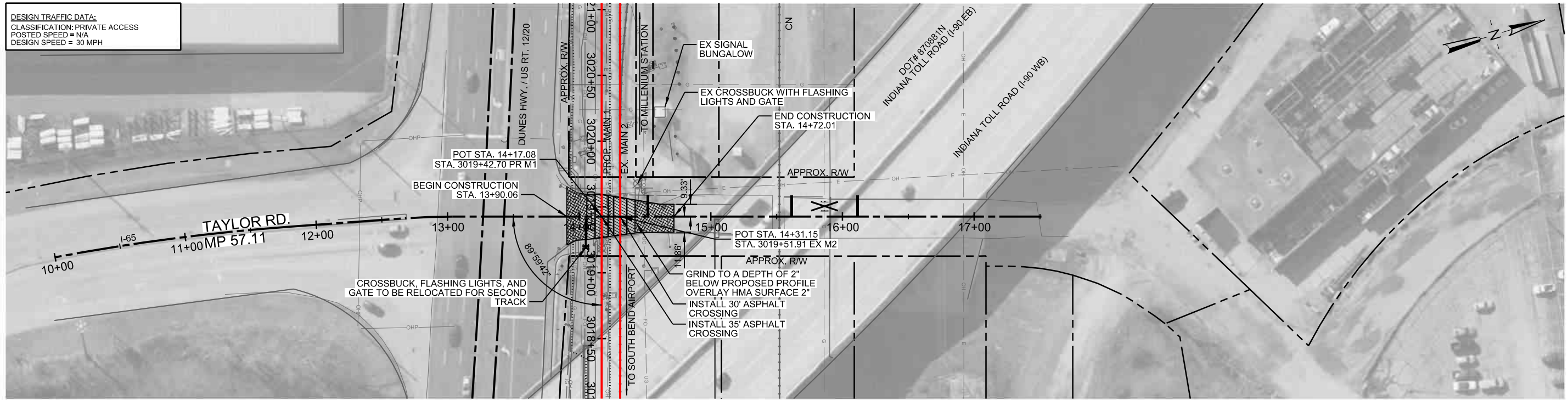
NOT FOR CONSTRUCTION SERIES RDP-018 OF RDP-042



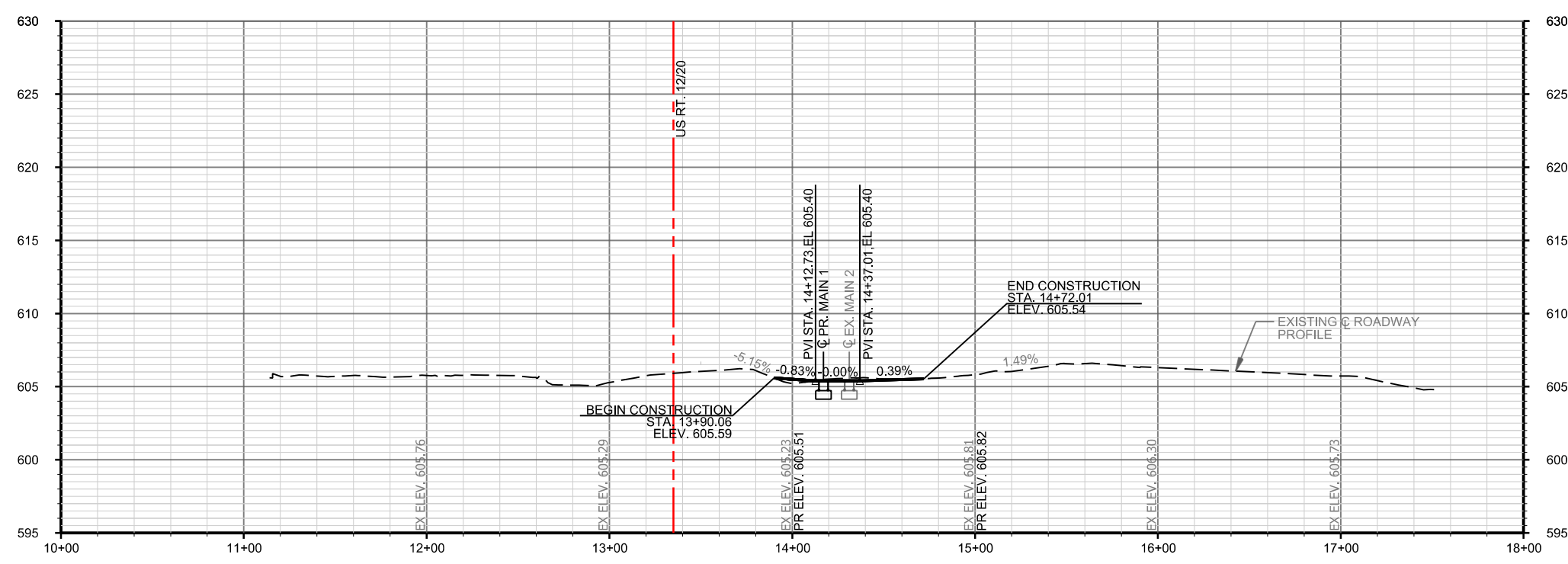
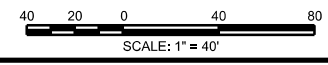
DESIGNED:	PEI-YMR
DRAWN:	PEI-YMR
CHECKED:	PEI-KEK
DATE:	5/12/2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK NWI	
PLAN AND PROFILE US RT. 12/20	
FILENAME	US RT. 12 (Tenn & Ohio) In
SCALE	AS NOTED
SHEET	22 OF 46

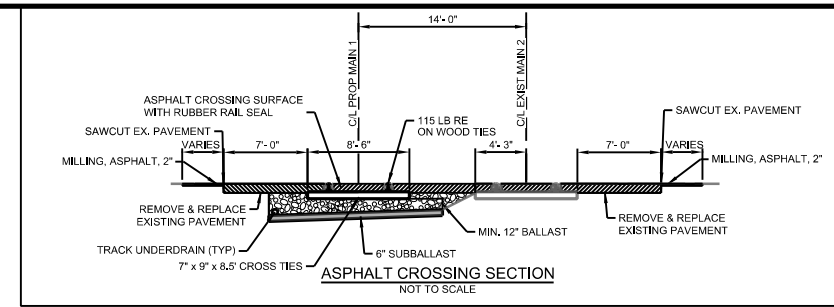
PLOT DATE: 5/10/2017 11:56:06 AM kkoehneke



PLAN
SCALE: 1"=40'



PROFILE
SCALE: AS NOTED



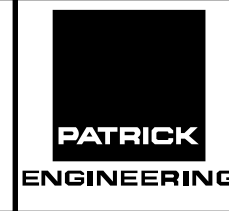
NOT FOR CONSTRUCTION SERIES RDP-019 OF RDP-042

DESIGNED: PEI-KEK
DRAWN: PEI-KEK
CHECKED: PEI-SPH
DATE: 5/12/2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
DOUBLE TRACK NWI
CROSSING PLAN - MP 57.11
TAYLOR RD - 870882V

FILENAME	TAYLOR RD., MP 57.11, DOT	SHEET
SCALE	AS NOTED	23 OF 46

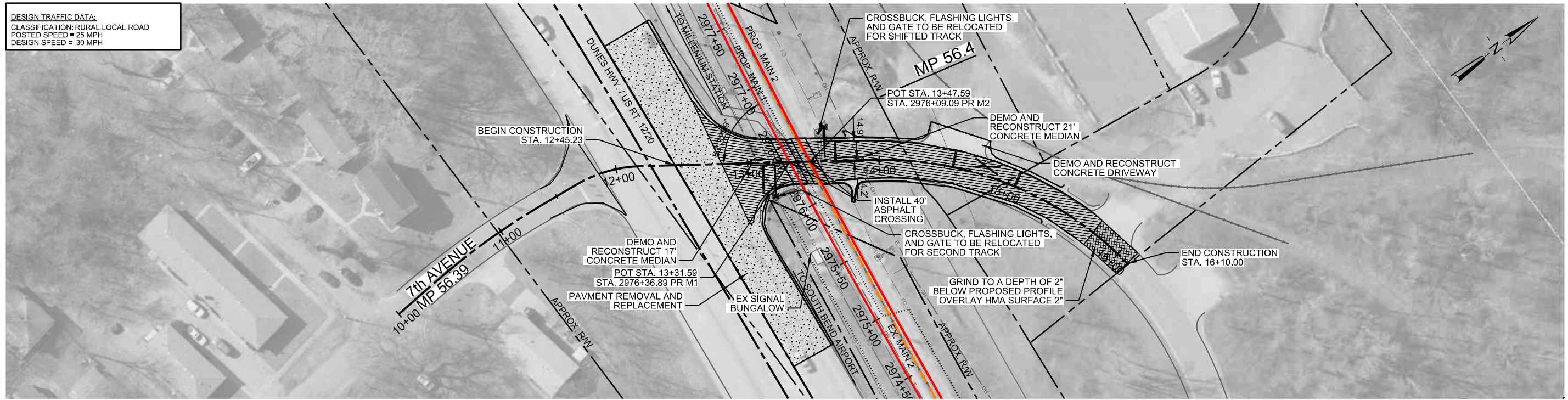
PLOT DATE: 5/10/2017 11:56:20 AM kkoehneke



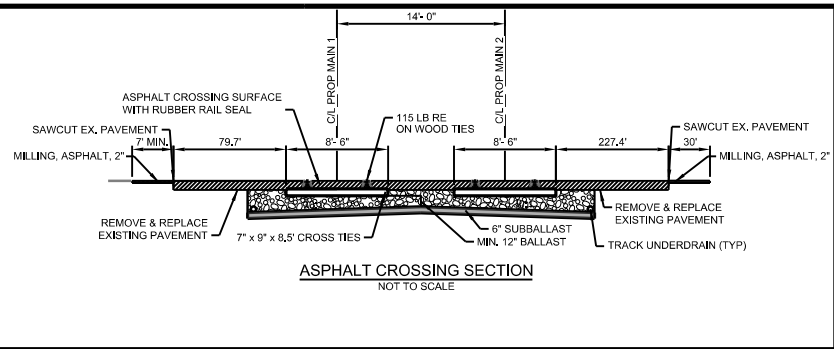
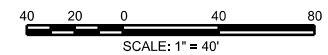
ISSUE	DATE	DESCRIPTION



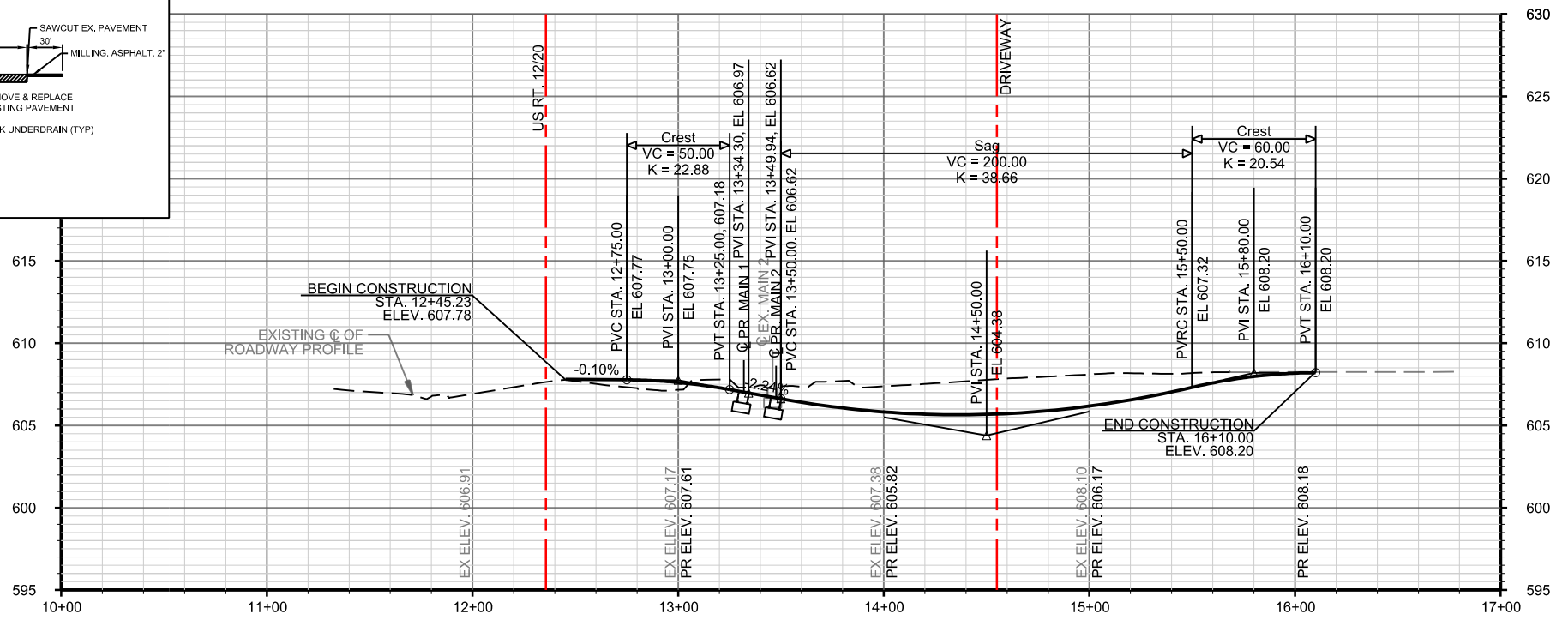
DESIGN TRAFFIC DATA:
 CLASSIFICATION: RURAL LOCAL ROAD
 POSTED SPEED = 25 MPH
 DESIGN SPEED = 30 MPH



PLAN
 SCALE: 1"=40'



ASPHALT CROSSING SECTION
 NOT TO SCALE



PROFILE
 SCALE: AS NOTED

NOT FOR CONSTRUCTION SERIES RDP-020 OF RDP-042

DESIGNED: PEI-TWC
 DRAWN: PEI-TWC
 CHECKED: PEI-KEK
 DATE: 5/12/2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
 DOUBLE TRACK NWI
CROSSING PLAN - MP 56.39
7TH AVE - 870880G

FILENAME: 7TH AVE, MP 56.39, DOT #8 SHEET: 24 OF 46
 SCALE: AS NOTED

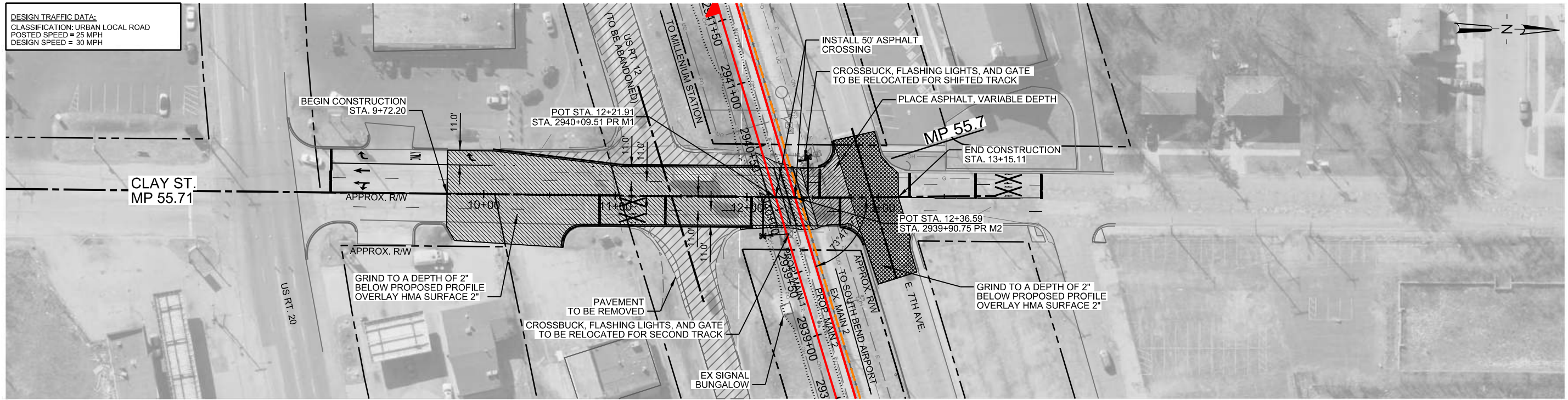
PLOT DATE: 5/10/2017 11:56:37 AM kkoehnke



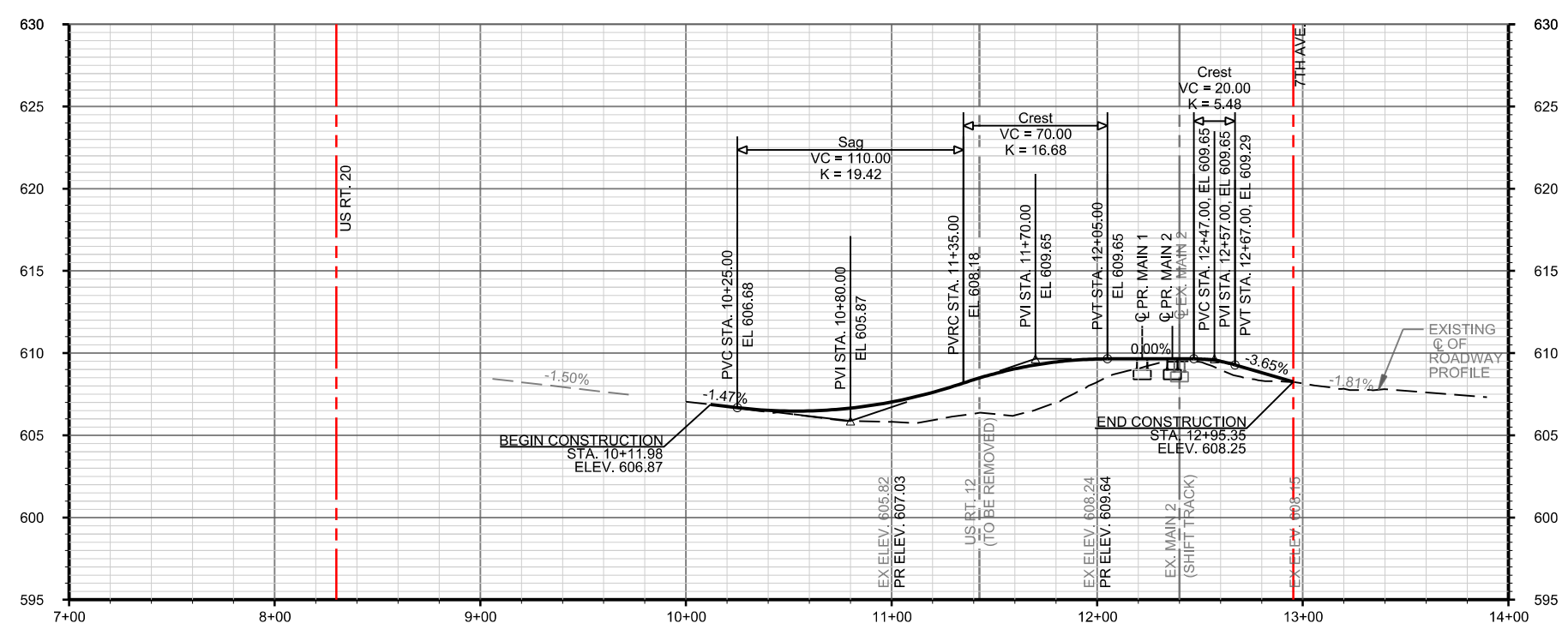
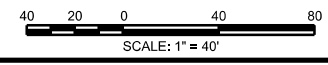
ISSUE	DATE	DESCRIPTION



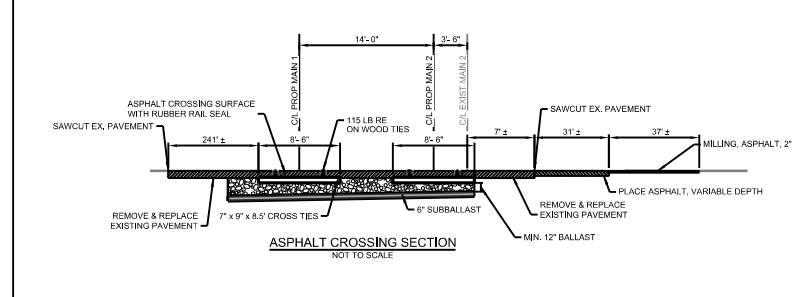
DESIGN TRAFFIC DATA:
 CLASSIFICATION: URBAN LOCAL ROAD
 POSTED SPEED = 25 MPH
 DESIGN SPEED = 30 MPH



PLAN
 SCALE: 1"=40'



PROFILE
 SCALE: AS NOTED



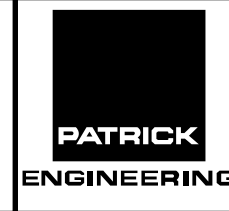
NOT FOR CONSTRUCTION SERIES RDP-021 OF RDP-042

DESIGNED: PEI-TWC/ALH
 DRAWN: PEI-TWC/ALH
 CHECKED: PEI-KEK
 DATE: 5/12/2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
 DOUBLE TRACK NWI
CROSSING PLAN - MP 55.71
CLAY ST - 870879M

FILENAME	CLAY ST., MP 55.71, DOT #8	SHEET	25 OF 46
SCALE	AS NOTED		

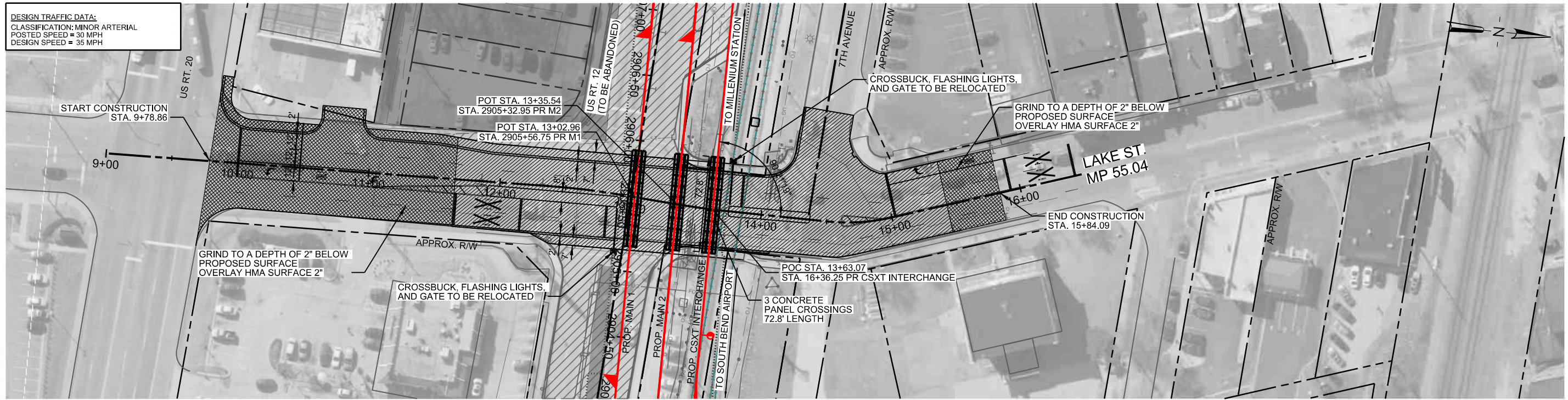
PLOT DATE: 5/10/2017 11:56:52 AM kkoehnke



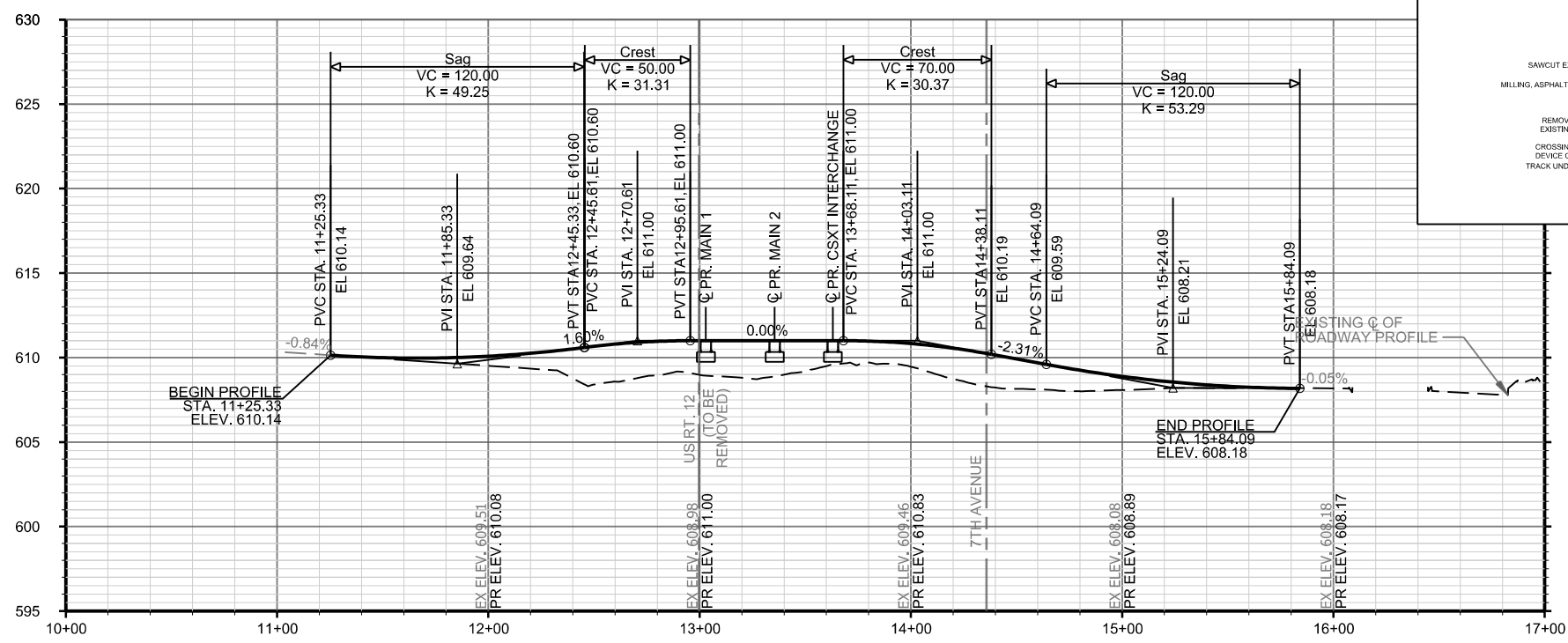
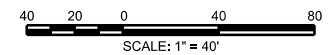
ISSUE	DATE	DESCRIPTION



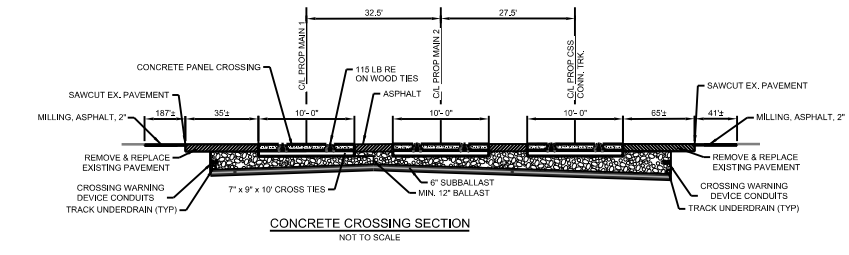
DESIGN TRAFFIC DATA:
 CLASSIFICATION: MINOR ARTERIAL
 POSTED SPEED = 30 MPH
 DESIGN SPEED = 35 MPH



PLAN
 SCALE: 1"=40'



PROFILE
 SCALE: AS NOTED



CONCRETE CROSSING SECTION
 NOT TO SCALE

PLOT DATE: 5/10/2017 11:57:08 AM kkoehneke



ISSUE	DATE	DESCRIPTION

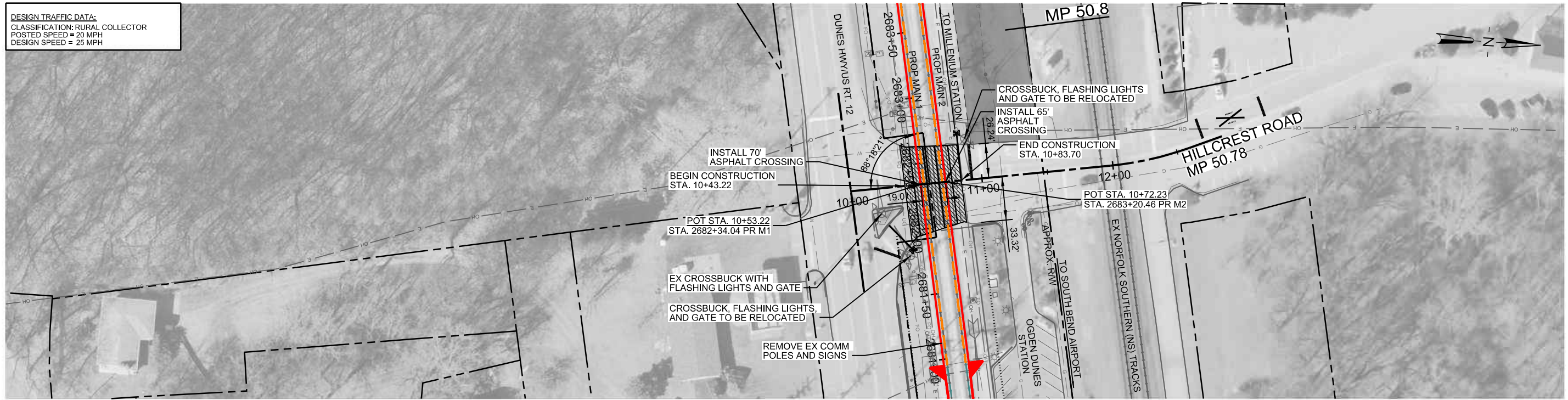


DESIGNED:	PEI-TWC/ALH
DRAWN:	PEI-TWC/ALH
CHECKED:	PEI-KEK
DATE:	5/12/2017

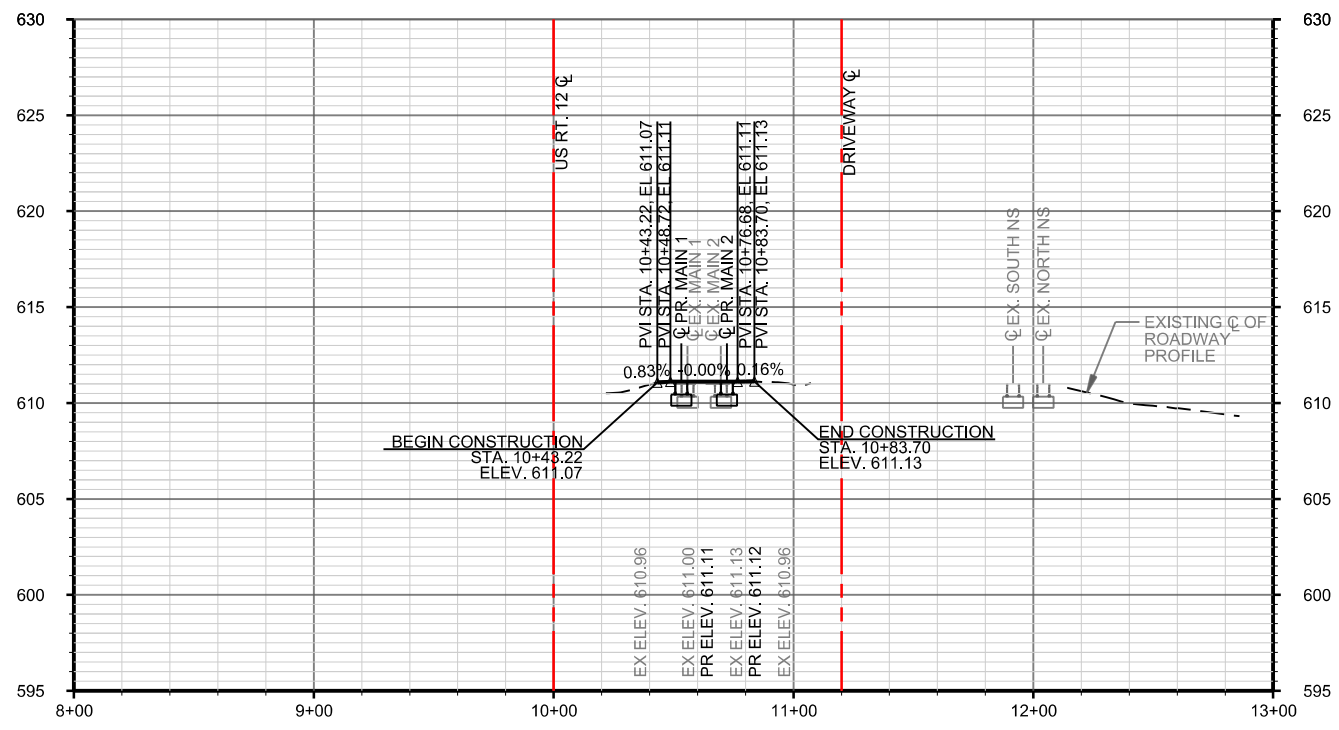
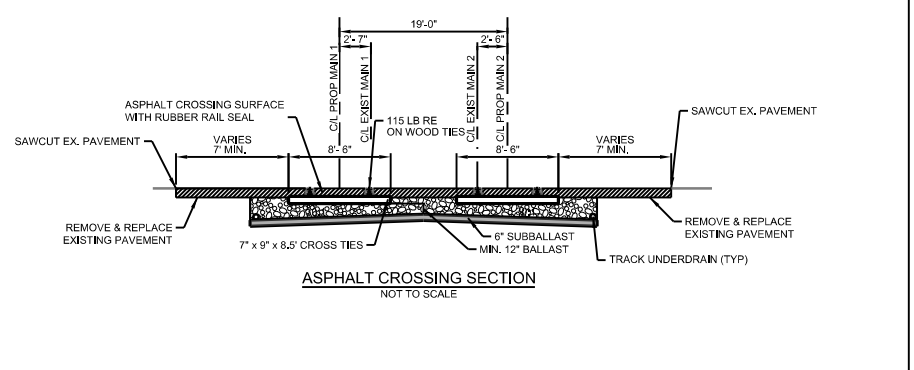
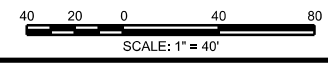
NOT FOR CONSTRUCTION SERIES RDP-022 OF RDP-042

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK NWI		
CROSSING PLAN - MP 55.04 LAKE STREET - 870878F		
FILENAME	LAKE ST., MP 55.04, DOT #8	SHEET
SCALE	AS NOTED	26 OF 46

DESIGN TRAFFIC DATA:
 CLASSIFICATION: RURAL COLLECTOR
 POSTED SPEED = 20 MPH
 DESIGN SPEED = 25 MPH



PLAN
 SCALE: 1"=40'



PROFILE
 SCALE: AS NOTED

NOT FOR CONSTRUCTION SERIES RDP-023 OF RDP-042

DESIGNED: PEI-TWC
 DRAWN: PEI-TWC
 CHECKED: PEI-KEK
 DATE: 5/12/2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
 DOUBLE TRACK NWI
**CROSSING PLAN - MP 50.78
 HILLCREST RD - 870724V**

FILENAME: HILLCREST RD., MP 50.83, D
 SCALE: AS NOTED
 SHEET: 27 OF 46

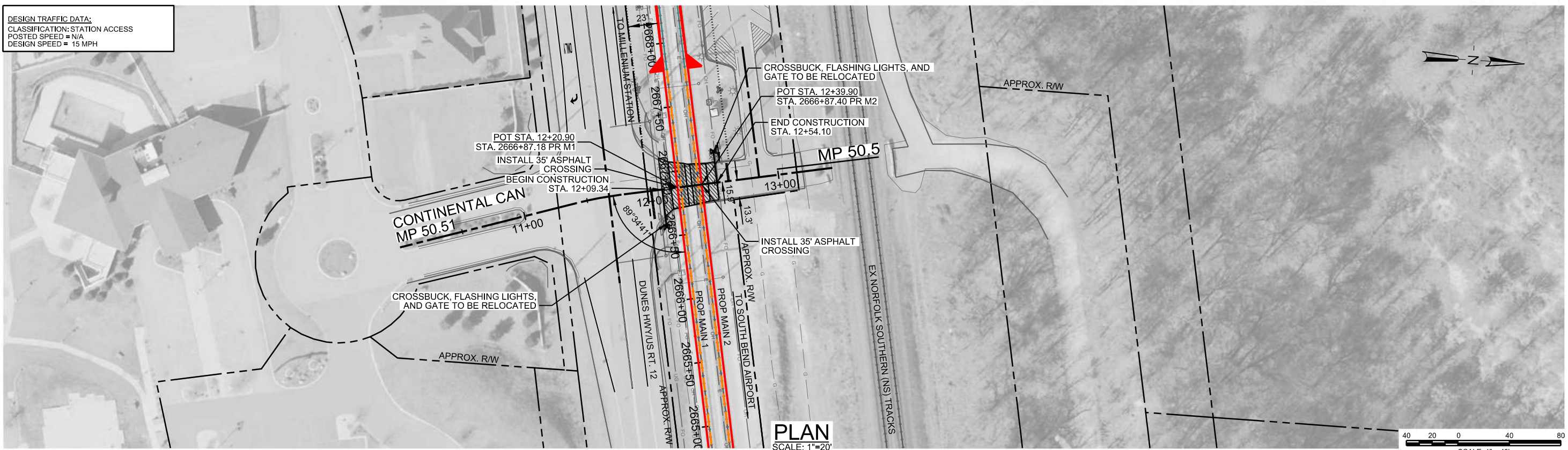
PLOT DATE: 5/10/2017 11:57:26 AM kkoehneke



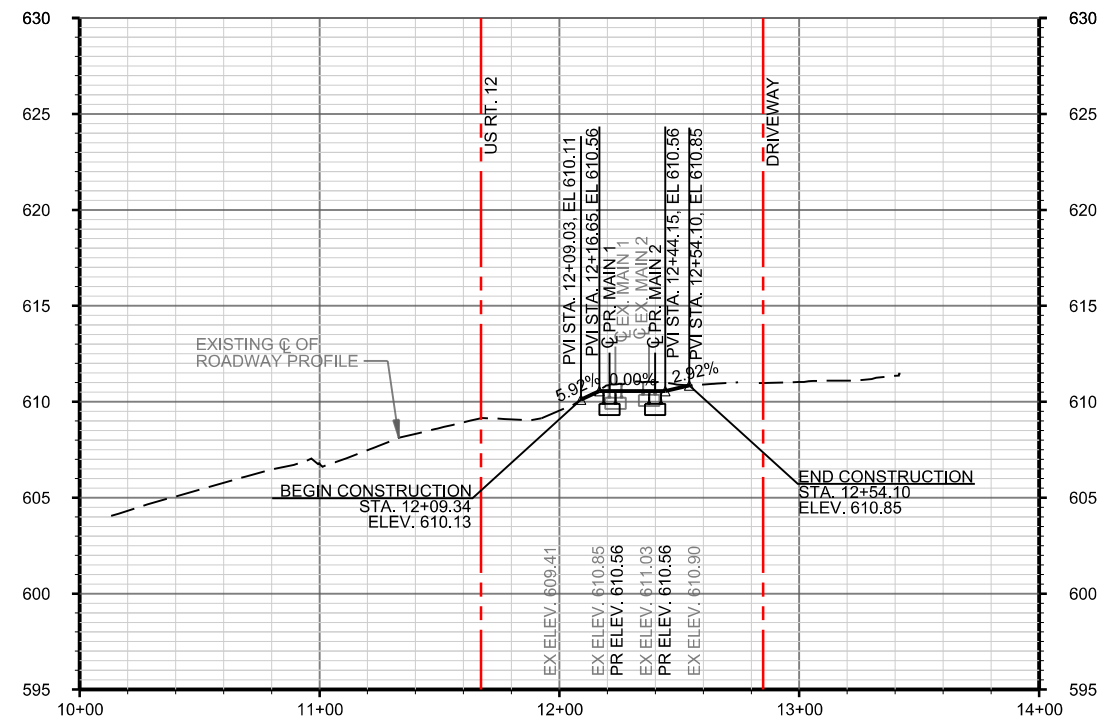
ISSUE	DATE	DESCRIPTION



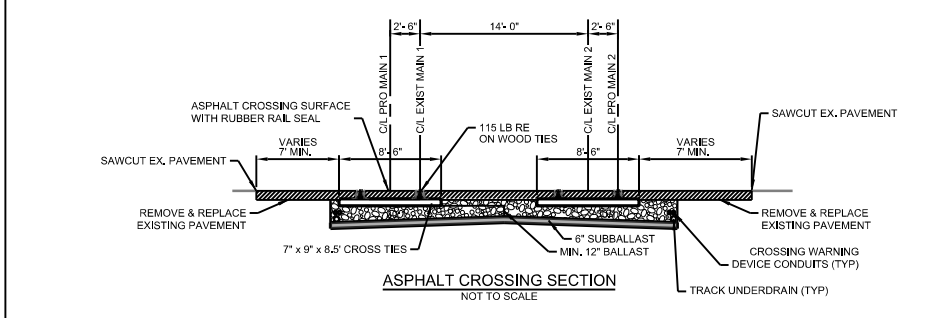
DESIGN TRAFFIC DATA:
 CLASSIFICATION: STATION ACCESS
 POSTED SPEED = N/A
 DESIGN SPEED = 15 MPH



PLAN
 SCALE: 1"=40'



PROFILE
 SCALE: AS NOTED



ASPHALT CROSSING SECTION
 NOT TO SCALE

PLOT DATE: 5/10/2017 2:37:04 PM kkoehneke



ISSUE	DATE	DESCRIPTION

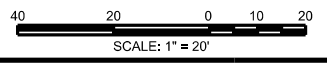
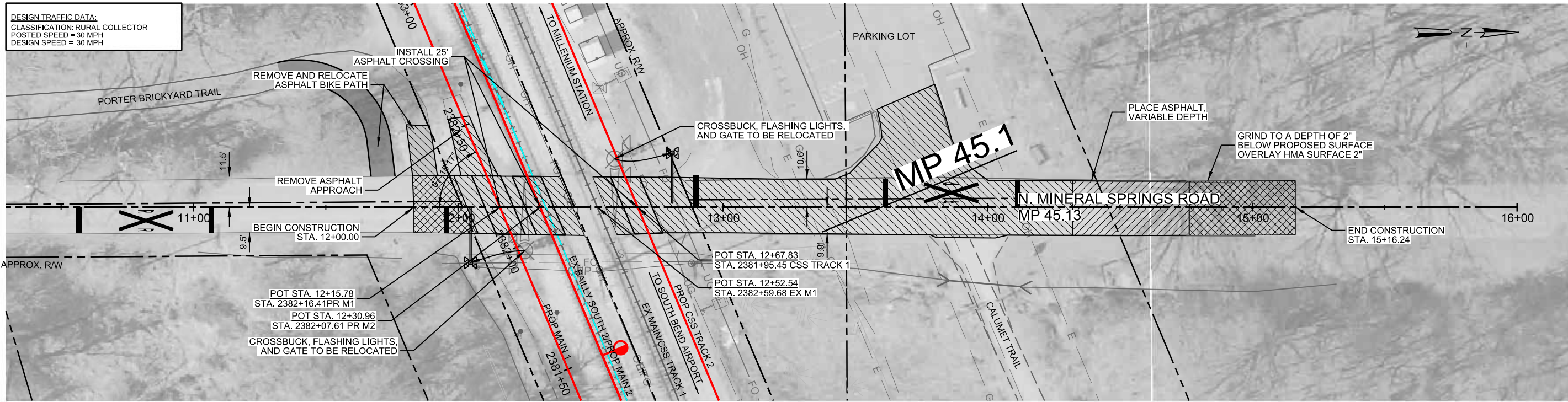


DESIGNED:	PEI-KEK
DRAWN:	PEI-TWC
CHECKED:	PEI-SPH
DATE:	5/12/2017

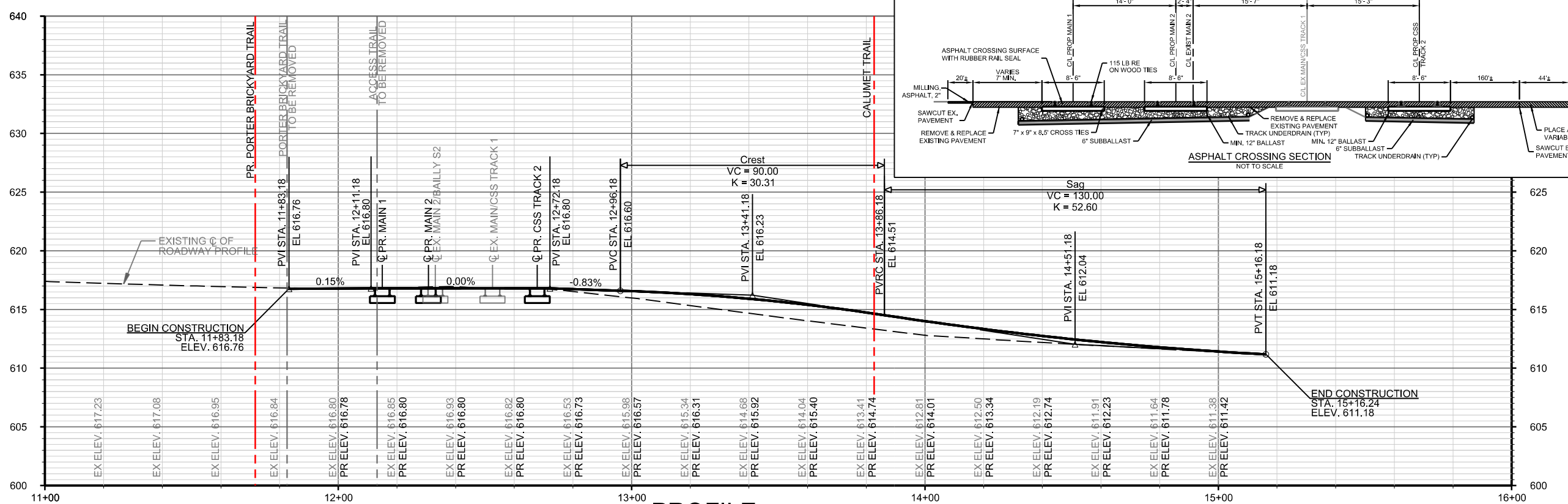
NOT FOR CONSTRUCTION SERIES RDP-024 OF RDP-042

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK NWI		
CROSSING PLAN - MP 50.51 CONTINENTAL CAN - 870723N		
FILENAME	continental can, mp 50.51,	SHEET
SCALE	AS NOTED	28 OF 46

DESIGN TRAFFIC DATA:
 CLASSIFICATION: RURAL COLLECTOR
 POSTED SPEED = 30 MPH
 DESIGN SPEED = 30 MPH



PLAN
 SCALE: 1"=20'



PROFILE
 SCALE: AS NOTED

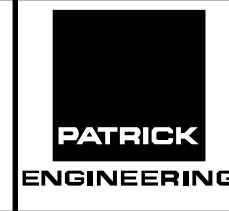
NOT FOR CONSTRUCTION
 SERIES RDP-026 OF RDP-042

DESIGNED: PEI-TWC
 DRAWN: PEI-TWC
 CHECKED: PEI-KEK
 DATE: 5/12/2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
 DOUBLE TRACK NWI
CROSSING PLAN - MP 45.13
MINERAL SPRINGS RD - 870716D

FILENAME	MINERAL SPRINGS RD., MP 45	SHEET	30 OF 46
SCALE	AS NOTED		

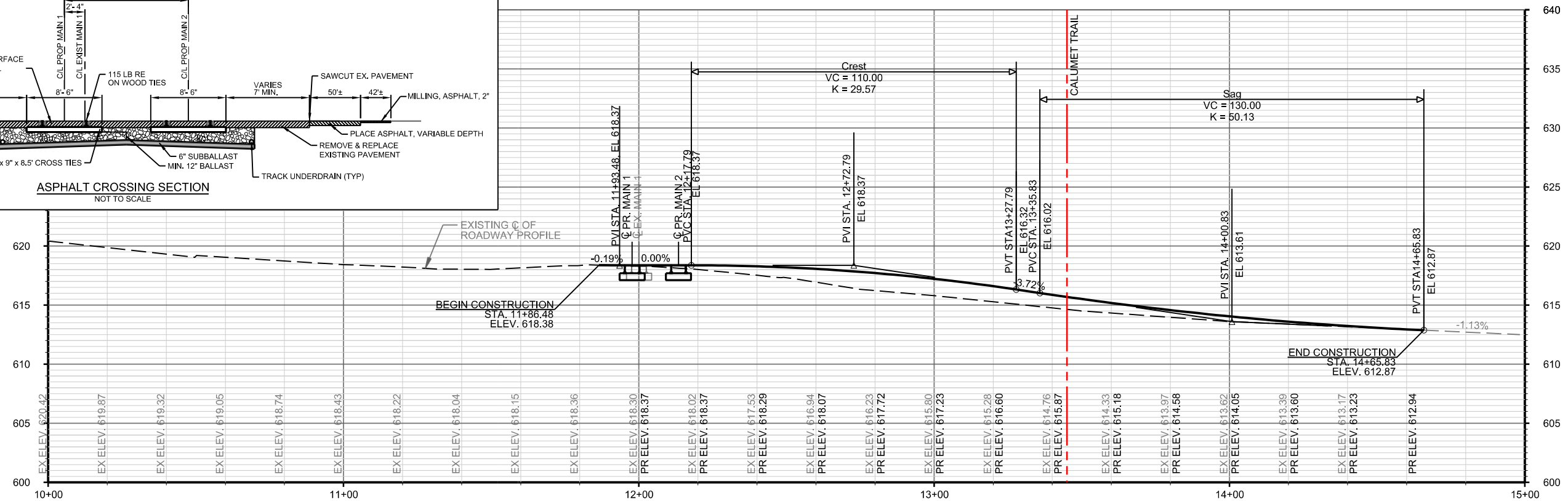
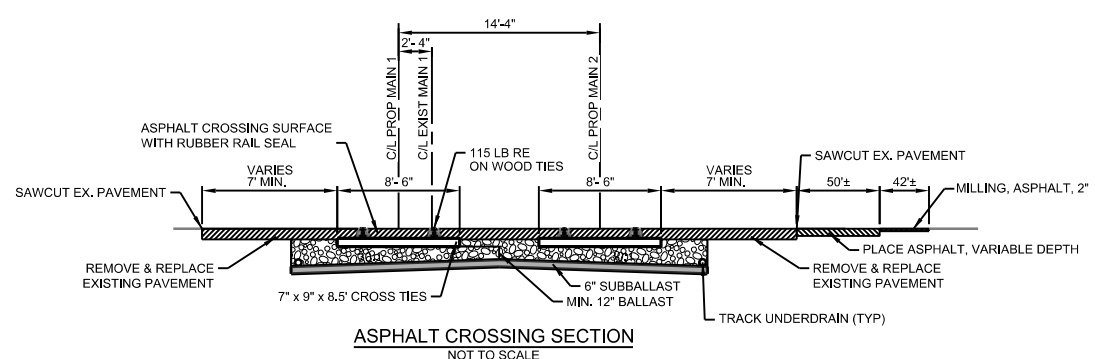
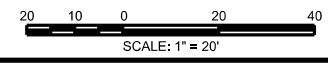
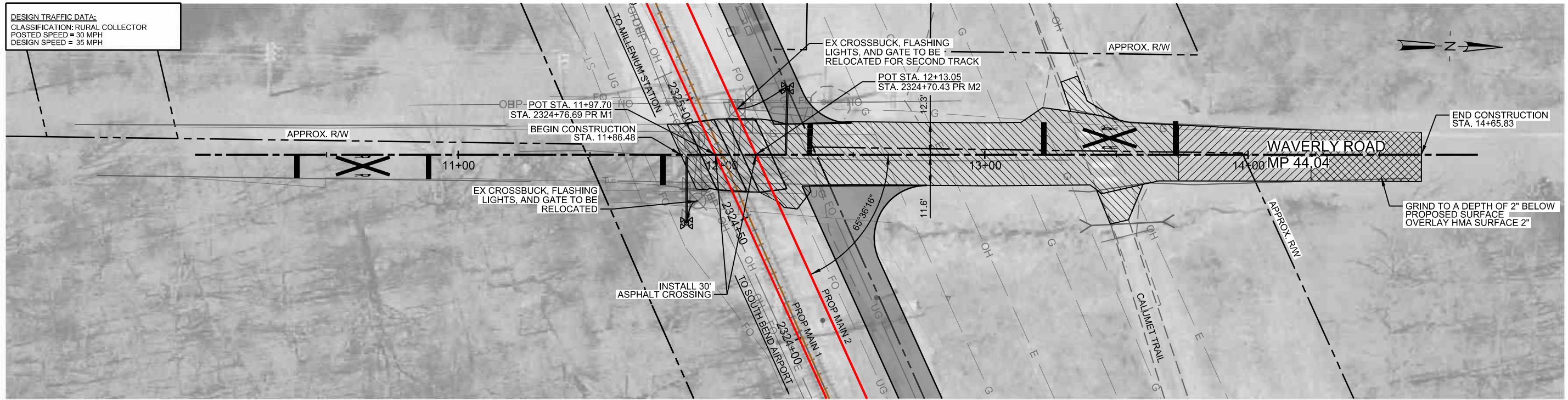
PLOT DATE: 5/10/2017 11:59:14 AM kkoehnke



ISSUE	DATE	DESCRIPTION



DESIGN TRAFFIC DATA:
 CLASSIFICATION: RURAL COLLECTOR
 POSTED SPEED = 30 MPH
 DESIGN SPEED = 35 MPH



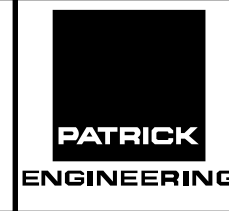
NOT FOR CONSTRUCTION SERIES RDP-027 OF RDP-042

DESIGNED: PEI-TWC
 DRAWN: PEI-TWC
 CHECKED: PEI-KEK
 DATE: 5/12/2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
 DOUBLE TRACK NWI
CROSSING PLAN - MP 44.04
WAVERLY RD - 870714P

FILENAME: WAVRLY RD., MP 44.04, DOT
 SCALE: AS NOTED
 SHEET: 31 OF 46

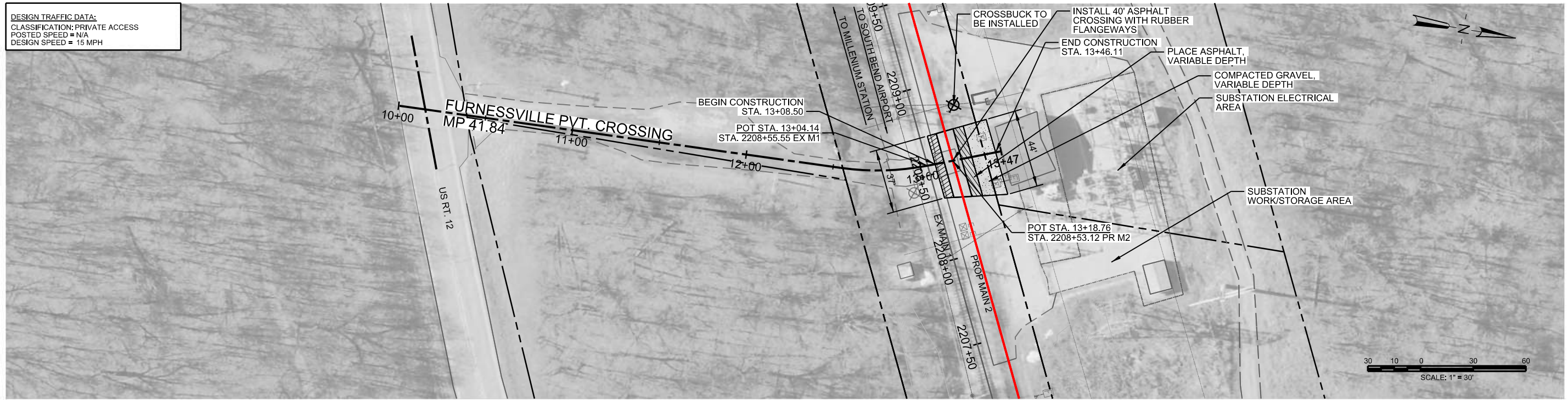
PLOT DATE: 5/10/2017 12:00:09 PM kkoehneke



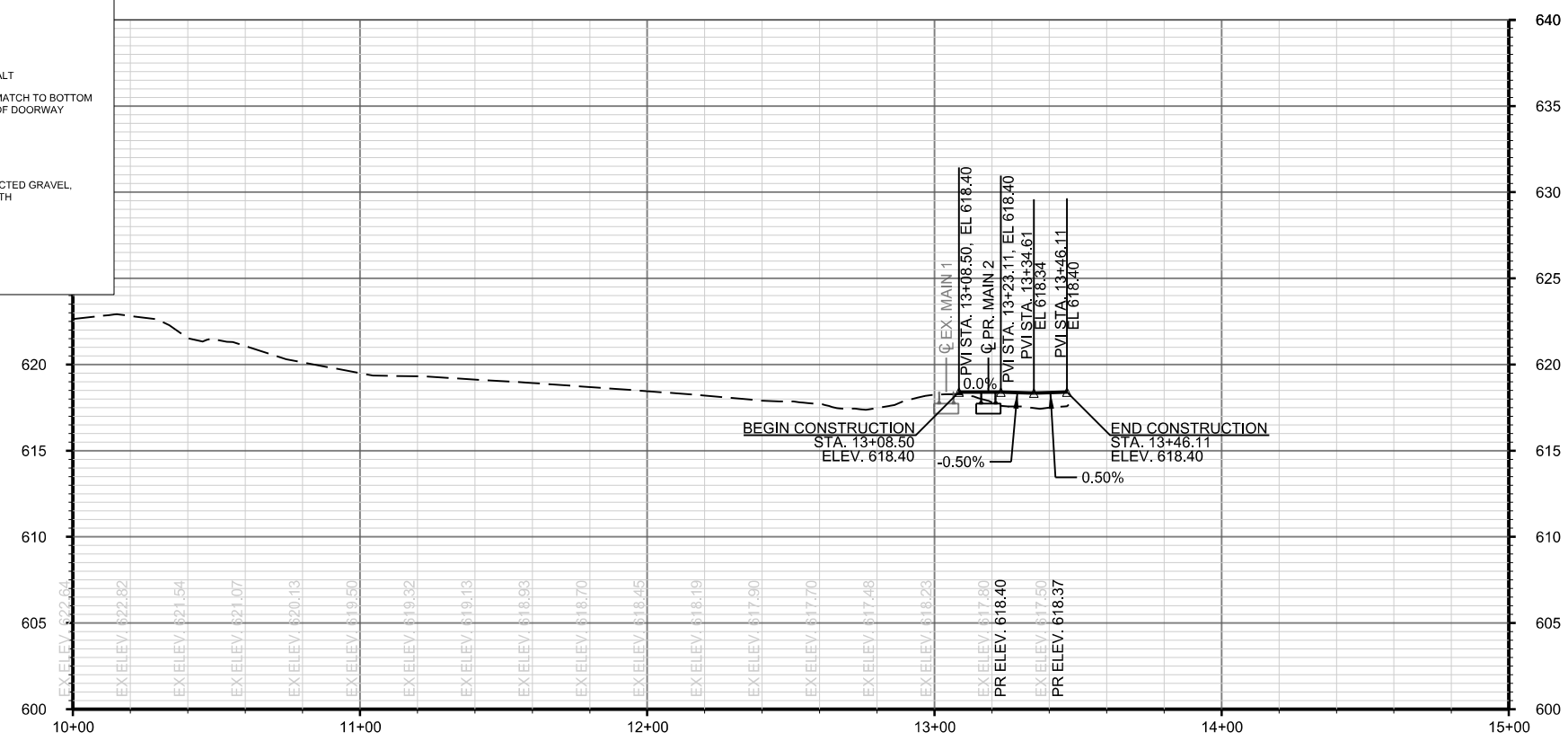
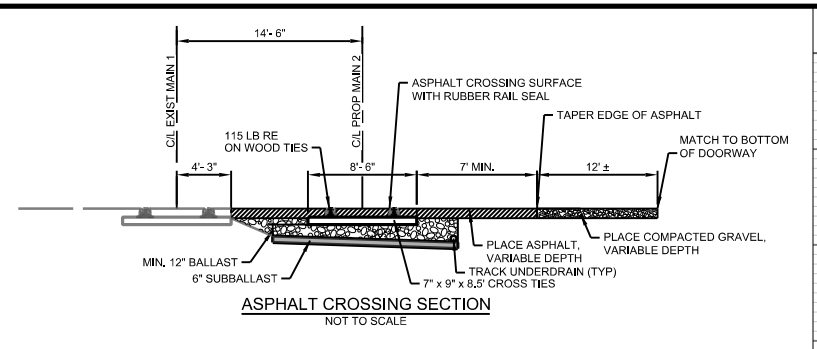
ISSUE	DATE	DESCRIPTION



DESIGN TRAFFIC DATA:
 CLASSIFICATION: PRIVATE ACCESS
 POSTED SPEED = N/A
 DESIGN SPEED = 15 MPH



PLAN
 SCALE: 1"=30'



PROFILE
 SCALE: AS NOTED

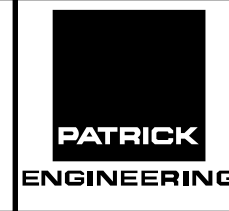
NOT FOR CONSTRUCTION SERIES RDP-028 OF RDP-042

DESIGNED: PEI-TWC/ALH
 DRAWN: PEI-TWC/ALH
 CHECKED: PEI-KEK
 DATE: 5/12/2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
 DOUBLE TRACK NWI
**CROSSING PLAN - MP 41.84
 FURNESVILLE - 870711U**

FILENAME: FURNESVILLE, MP 41.84, DO
 SCALE: AS NOTED
 SHEET: **32 OF 46**

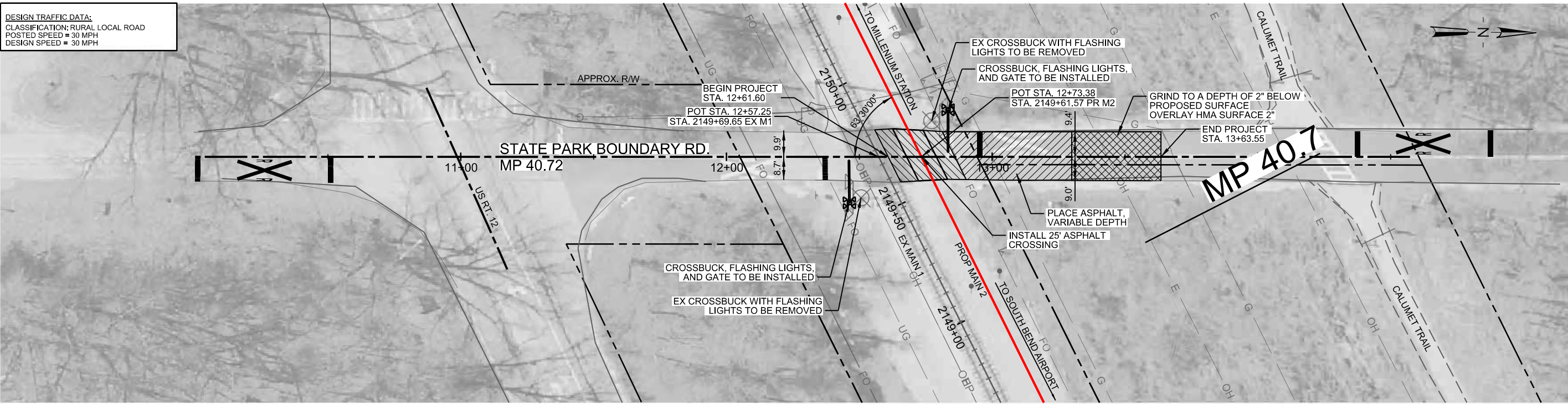
PLOT DATE: 5/10/2017 12:00:28 PM kkoehneke



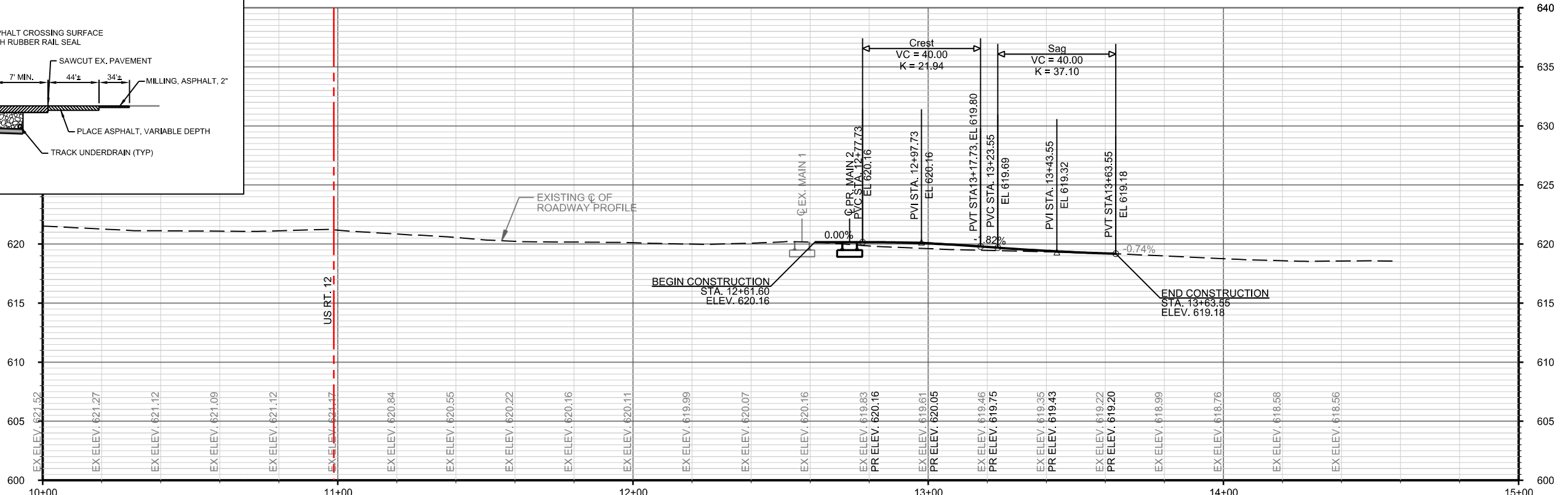
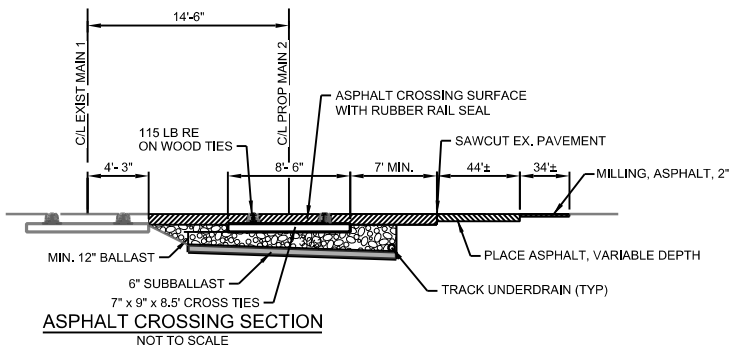
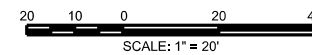
ISSUE	DATE	DESCRIPTION



DESIGN TRAFFIC DATA:
 CLASSIFICATION: RURAL LOCAL ROAD
 POSTED SPEED = 30 MPH
 DESIGN SPEED = 30 MPH



PLAN
 SCALE: 1"=20'



PROFILE
 SCALE: AS NOTED

NOT FOR CONSTRUCTION SERIES RDP-029 OF RDP-042

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
 DOUBLE TRACK NWI
CROSSING PLAN - MP 40.72
STATE PARK BOUNDARY RD - 870710M

FILENAME	STATE PARK BOUNDARY, MP 40	SHEET
SCALE	AS NOTED	33 OF 46

PLOT DATE: 5/10/2017 12:00:47 PM kkoehneke

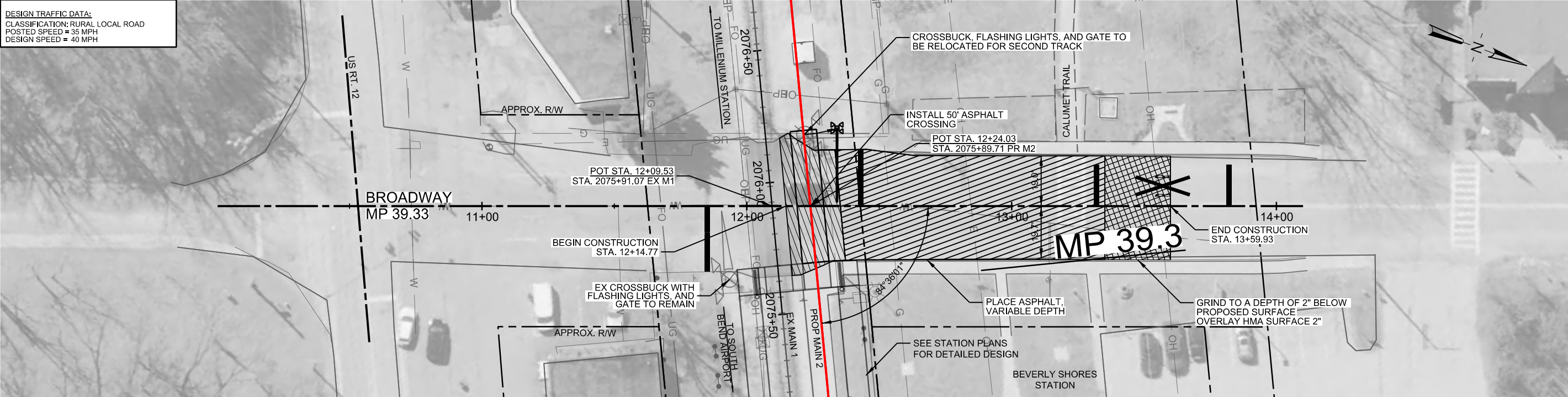


ISSUE	DATE	DESCRIPTION

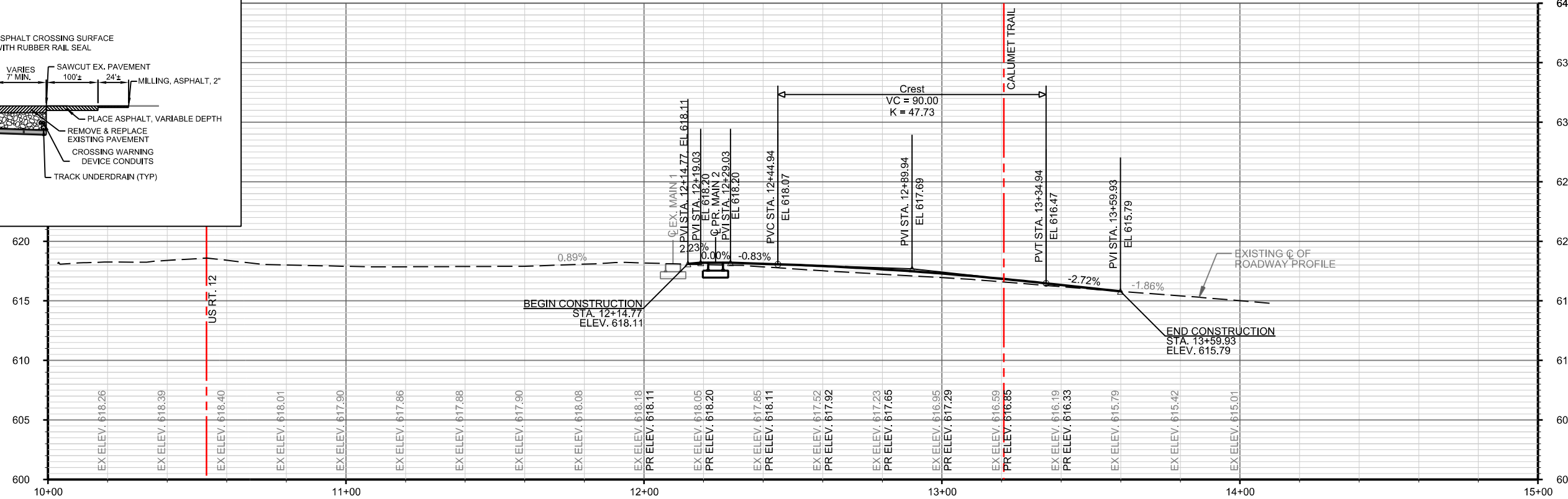
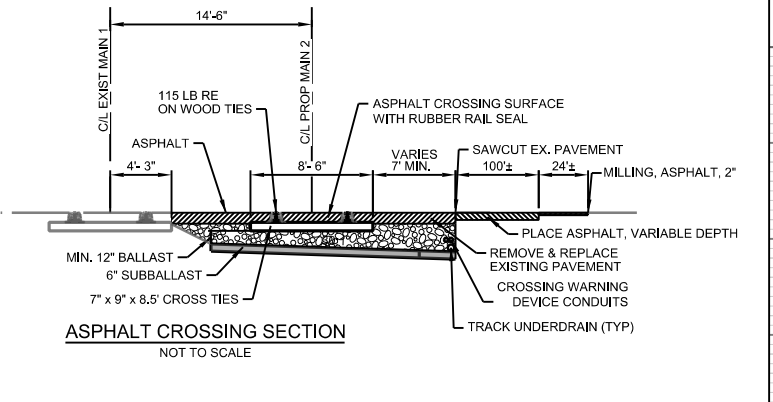
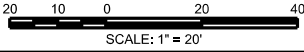


DESIGNED:	PEI-TWC
DRAWN:	PEI-TWC
CHECKED:	PEI-KEK
DATE:	5/12/2017

DESIGN TRAFFIC DATA:
 CLASSIFICATION: RURAL LOCAL ROAD
 POSTED SPEED = 35 MPH
 DESIGN SPEED = 40 MPH



PLAN
 SCALE: 1"=20'



PROFILE
 SCALE: AS NOTED

NOT FOR CONSTRUCTION SERIES RDP-030 OF RDP-042

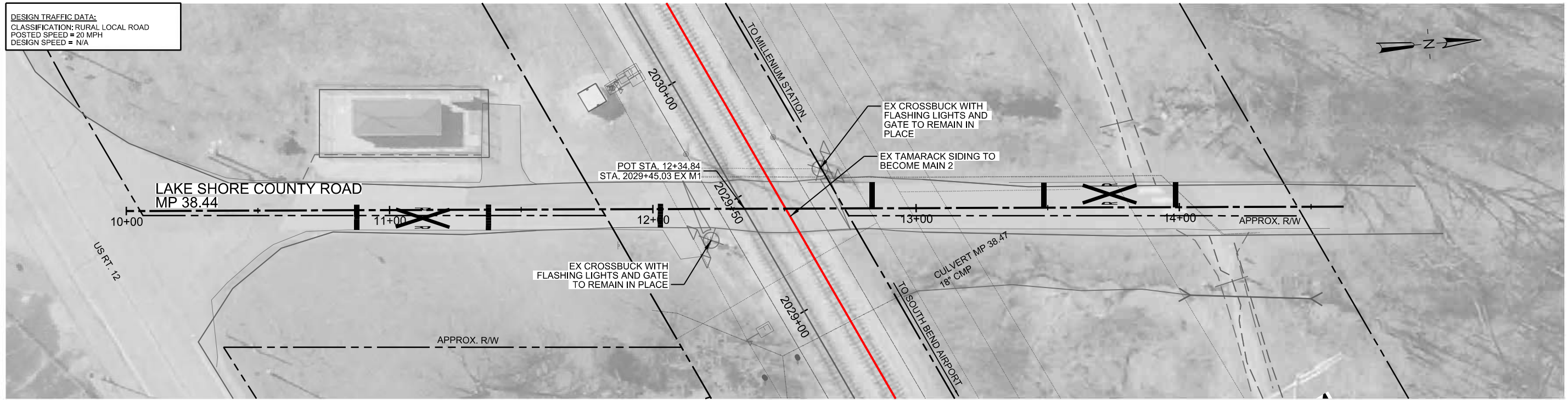


DESIGNED:	PEI-TWC
DRAWN:	PEI-TWC
CHECKED:	PEI-KEK
DATE:	5/12/2017

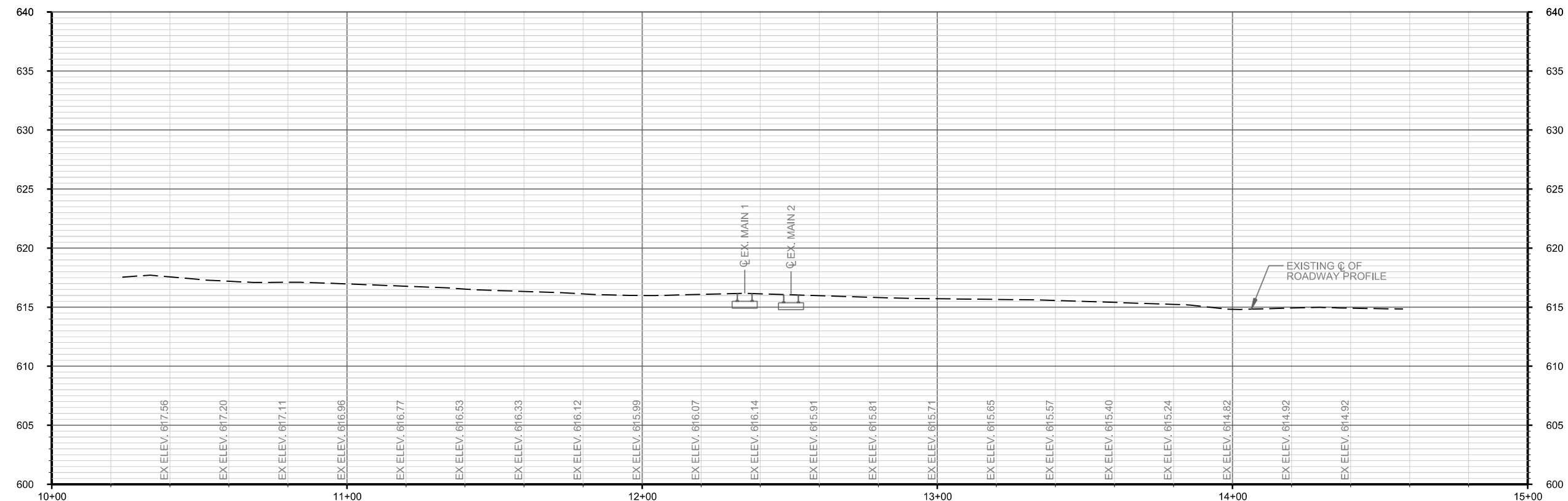
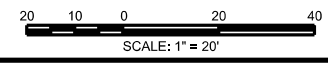
NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK NWI	
CROSSING PLAN - MP 39.33 BROADWAY - 870708L	
FILENAME	BROADWAY, MP 39.33, DOT #8
SCALE	AS NOTED
SHEET	34 OF 46

PLOT DATE: 5/17/2017 11:07:37 AM toconmor

DESIGN TRAFFIC DATA:
 CLASSIFICATION: RURAL LOCAL ROAD
 POSTED SPEED = 20 MPH
 DESIGN SPEED = N/A



PLAN
 SCALE: 1"=20'

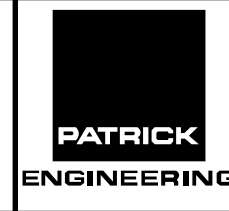


PROFILE
 SCALE: AS NOTED

NOT FOR CONSTRUCTION SERIES RDP-031 OF RDP-042

DESIGNED: PEI-TWC
 DRAWN: PEI-TWC
 CHECKED: PEI-KEK
 DATE: 5/12/2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
 DOUBLE TRACK NWI
CROSSING PLAN - MP 38.44
LAKE SHORE COUNTY ROAD - 870707E

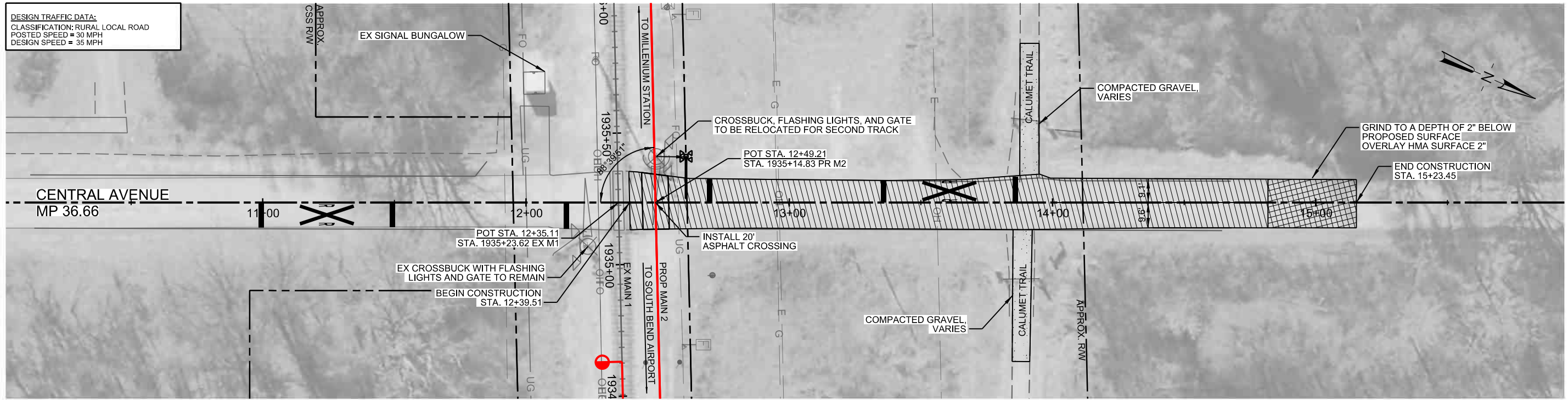


FILENAME	LAKE SHORE COUNTY RD., MP	SHEET
SCALE	AS NOTED	35 OF 46

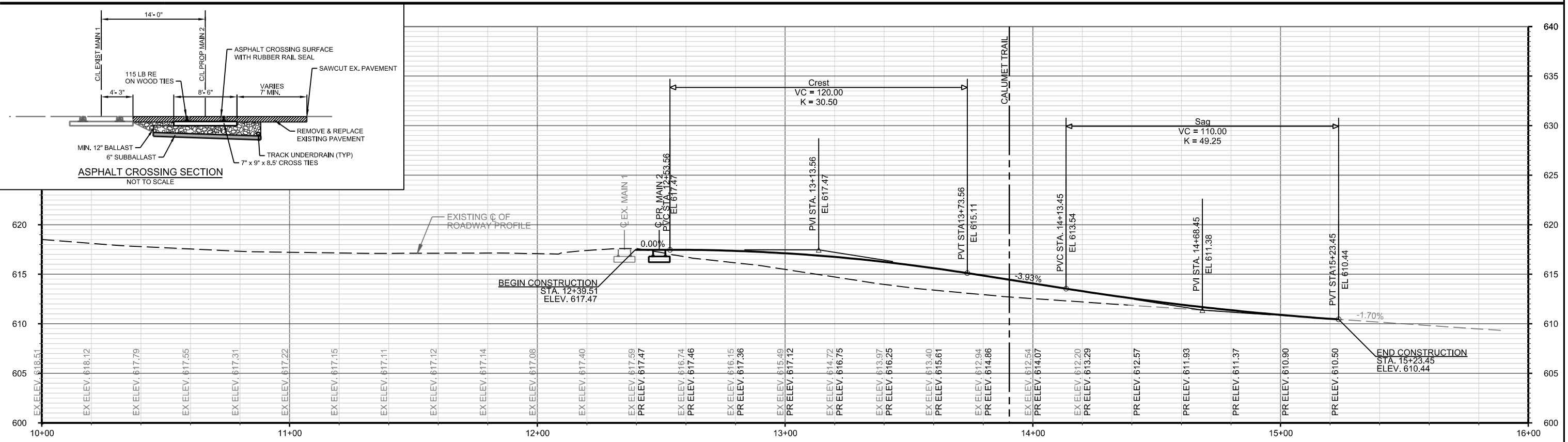
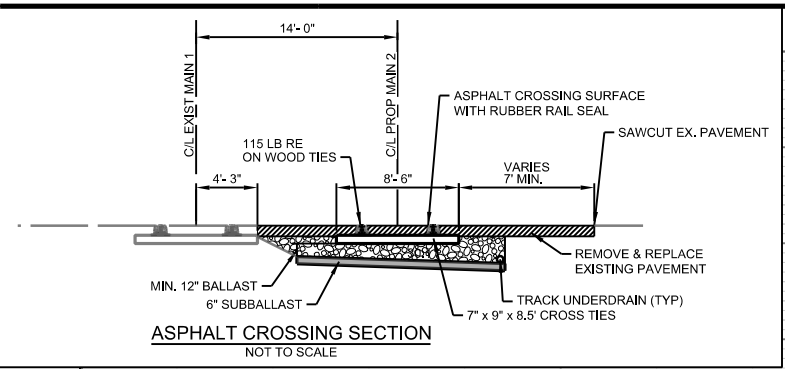
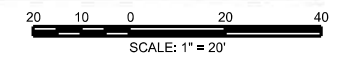
PLOT DATE: 5/10/2017 12:02:02 PM kkoehnke

ISSUE	DATE	DESCRIPTION

DESIGN TRAFFIC DATA:
 CLASSIFICATION: RURAL LOCAL ROAD
 POSTED SPEED = 30 MPH
 DESIGN SPEED = 35 MPH



PLAN
 SCALE: 1"=20'



PROFILE
 SCALE: AS NOTED

NOT FOR CONSTRUCTION
 SERIES RDP-032 OF RDP-042

DESIGNED: PEI-TWC
 DRAWN: PEI-TWC
 CHECKED: PEI-KEK
 DATE: 5/12/2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
 DOUBLE TRACK NWI
**CROSSING PLAN - MP 36.66
 CENTRAL AVE - 870472W**



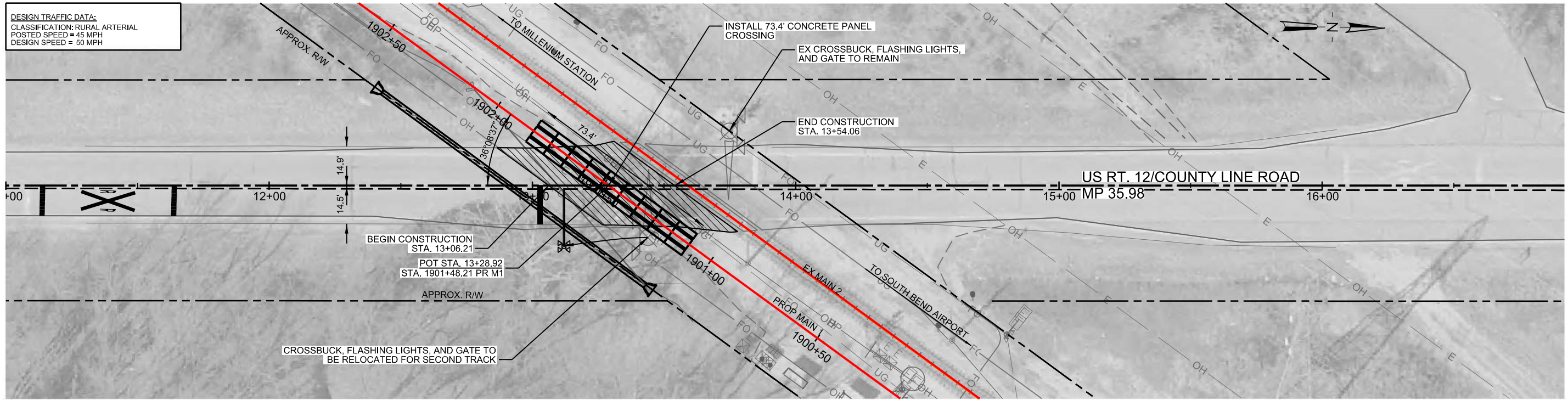
ISSUE	DATE	DESCRIPTION



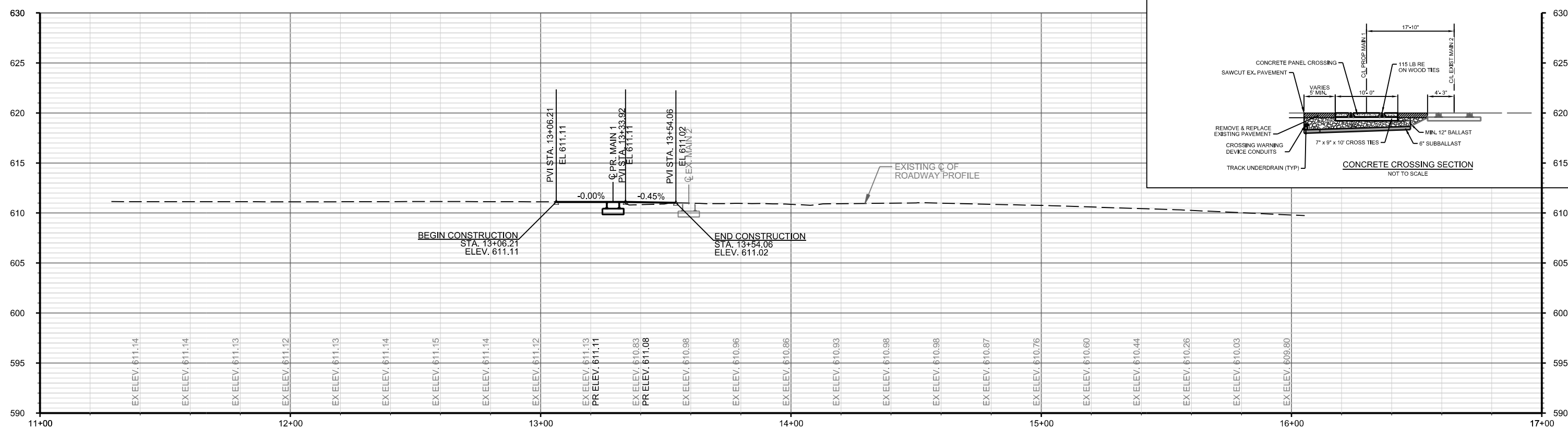
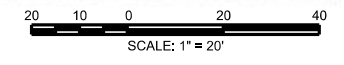
FILENAME	CENTRAL AVE., MP 36.66, DO	SHEET	36 OF 46
SCALE	AS NOTED		

PLOT DATE: 5/10/2017 12:03:00 PM kkoehnke

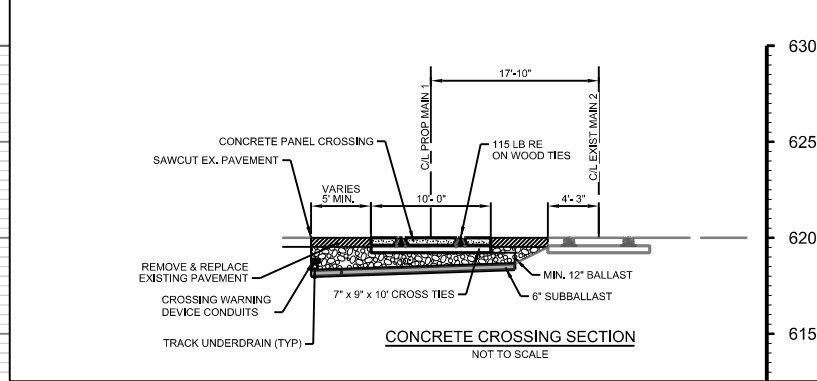
DESIGN TRAFFIC DATA:
 CLASSIFICATION: RURAL ARTERIAL
 POSTED SPEED = 45 MPH
 DESIGN SPEED = 50 MPH



PLAN
 SCALE: 1"=20'



PROFILE
 SCALE: AS NOTED



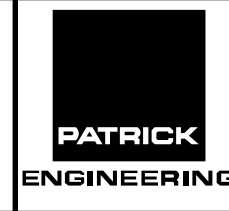
NOT FOR CONSTRUCTION
 SERIES RDP-033 OF RDP-042

DESIGNED: PEI-TWC
 DRAWN: PEI-TWC
 CHECKED: PEI-KEK
 DATE: 5/12/2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
 DOUBLE TRACK NWI
CROSSING PLAN - MP 35.98
US HWY 12/CO. LINE RD. - 870701N

FILENAME US HWY 12\CO. LINE R SHEET
 SCALE AS NOTED 37 OF 46

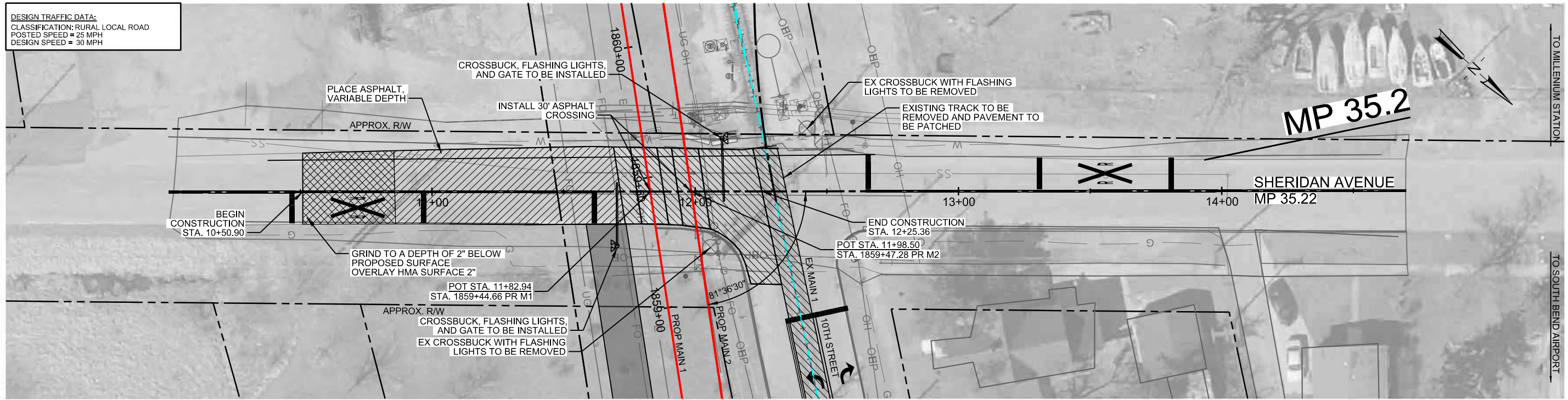
PLOT DATE: 5/10/2017 12:03:16 PM kkoehneke



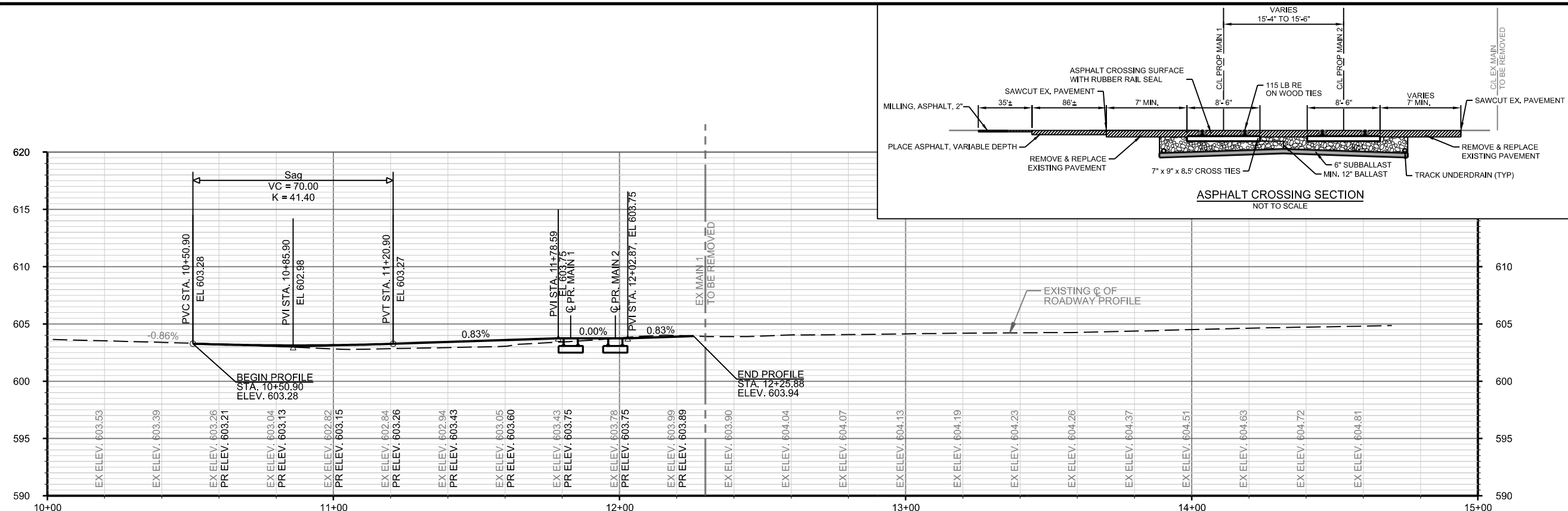
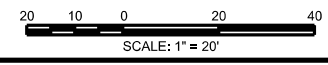
ISSUE	DATE	DESCRIPTION



DESIGN TRAFFIC DATA:
 CLASSIFICATION: RURAL LOCAL ROAD
 POSTED SPEED = 25 MPH
 DESIGN SPEED = 30 MPH



PLAN
 SCALE: 1"=20'



PROFILE
 SCALE: AS NOTED

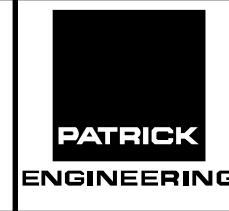
NOT FOR CONSTRUCTION SERIES RDP-034 OF RDP-042

DESIGNED: PEI-TWC/ALH
 DRAWN: PEI-TWC/ALH
 CHECKED: PEI-KEK
 DATE: 5/12/2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
 DOUBLE TRACK NWI
CROSSING PLAN - MP 35.22
SHERIDAN AVE - 870700G

FILENAME: SHERIDAN AVE., MP 35.22, D SHEET
 SCALE: AS NOTED **38 OF 46**

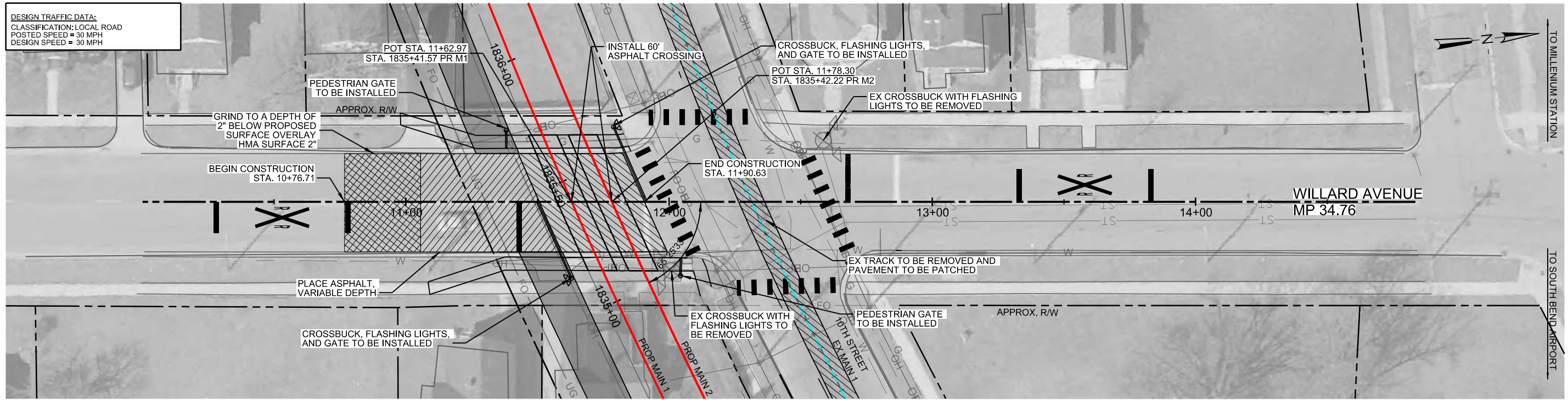
PLOT DATE: 5/10/2017 12:03:35 PM kkoehnke



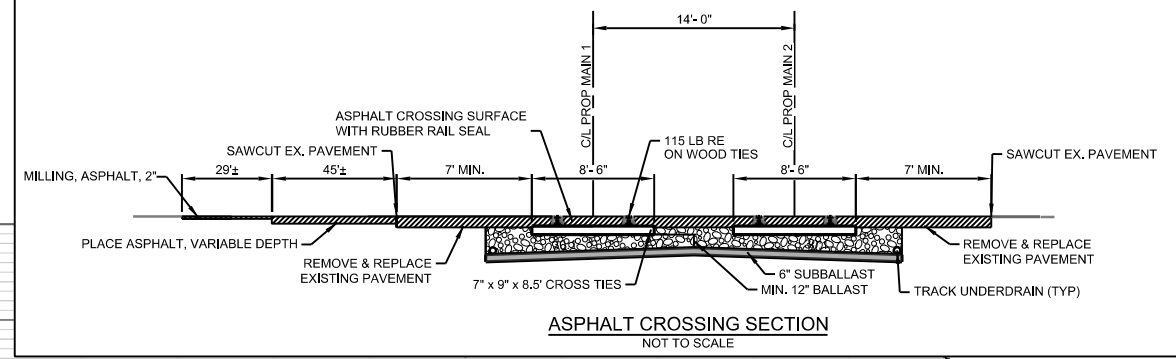
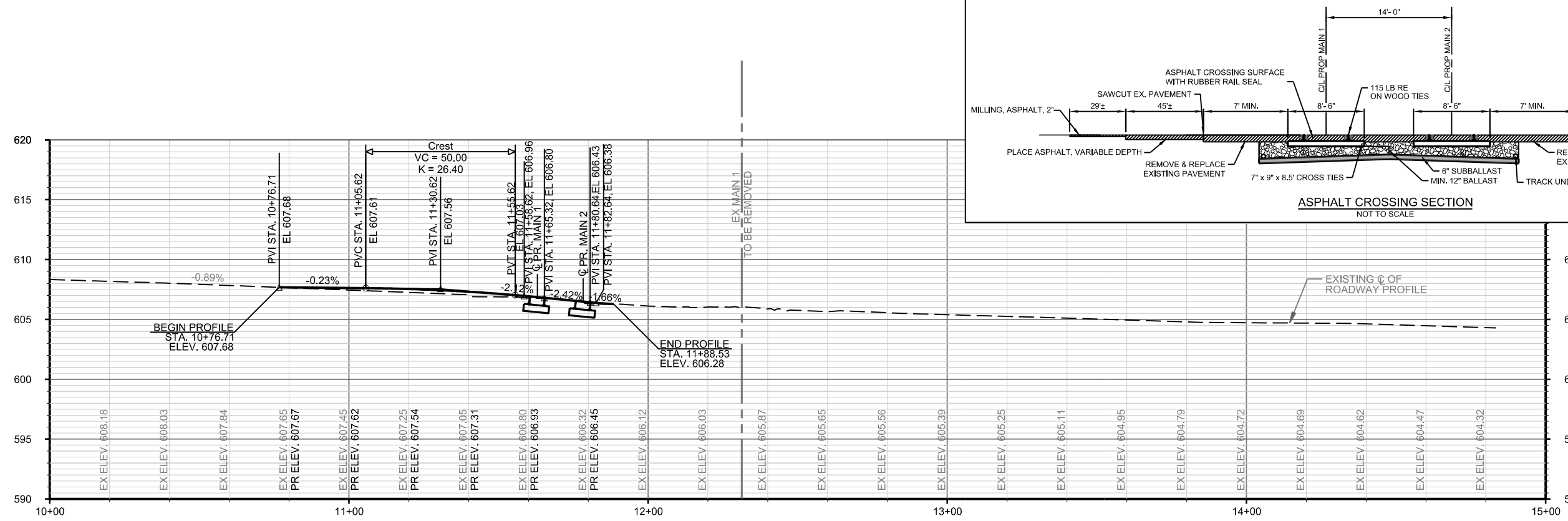
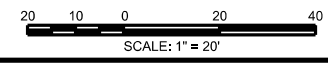
ISSUE	DATE	DESCRIPTION



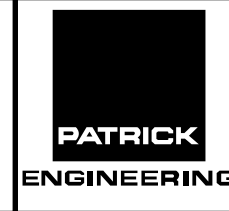
DESIGNED:	PEI-TWC/ALH
DRAWN:	PEI-TWC/ALH
CHECKED:	PEI-KEK
DATE:	5/12/2017



PLAN
 SCALE: 1"=20'



PLOT DATE: 5/10/2017 2:23:47 PM kkoehneke



ISSUE	DATE	DESCRIPTION

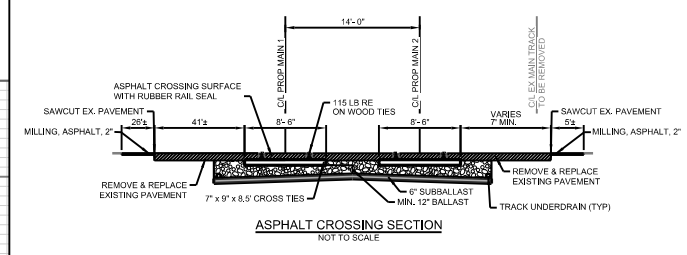
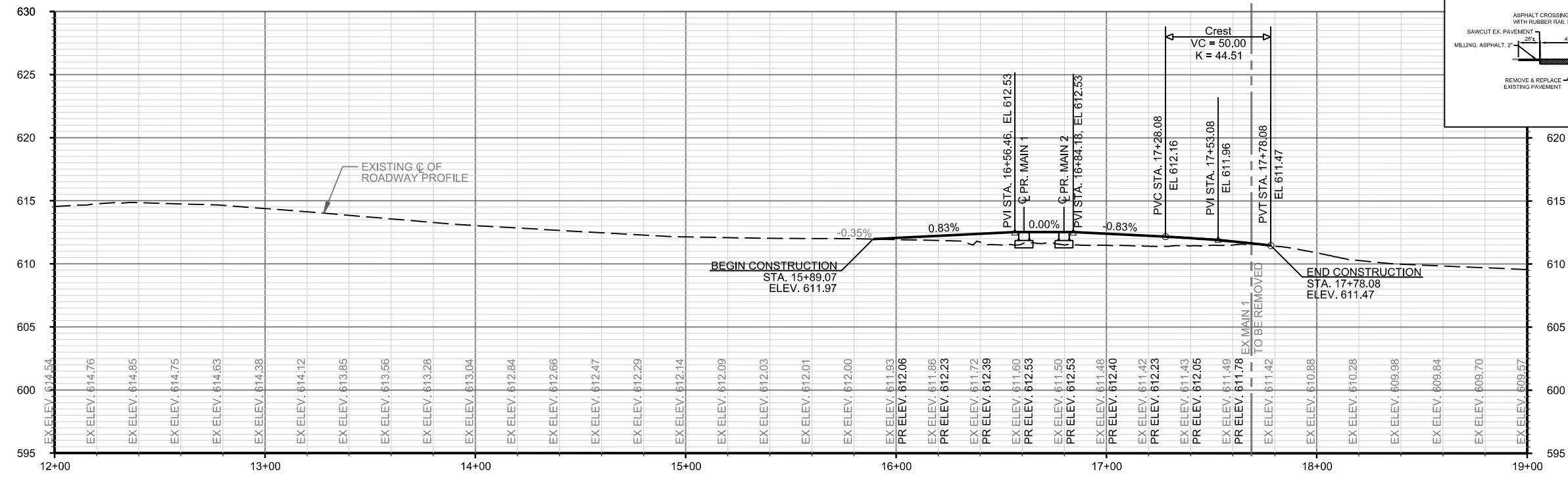
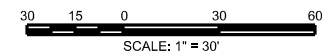
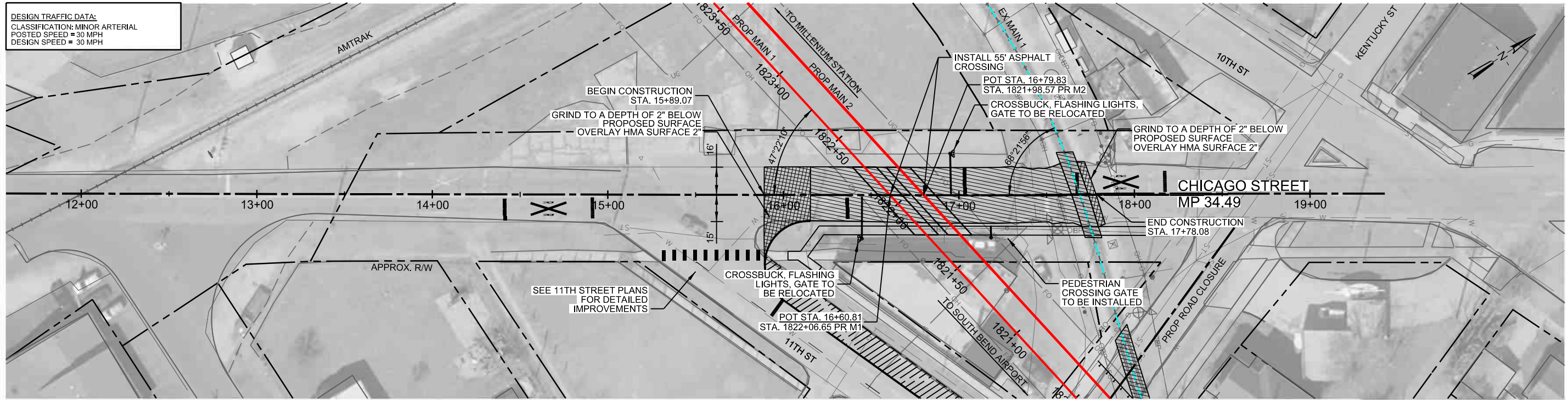


DESIGNED:	PEI-TWC/ALH
DRAWN:	PEI-TWC/ALH
CHECKED:	PEI-KEK
DATE:	5/12/2017

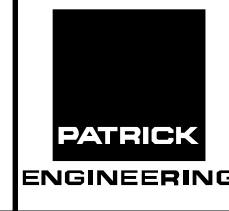
NOT FOR CONSTRUCTION SERIES RDP-035 OF RDP-042

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK NWI		
CROSSING PLAN - MP 34.76 WILLARD AVE - 870691K		
FILENAME	WILLARD AVE., MP 34.76, D	SHEET
SCALE	AS NOTED	39 OF 46

DESIGN TRAFFIC DATA:
 CLASSIFICATION: MINOR ARTERIAL
 POSTED SPEED = 30 MPH
 DESIGN SPEED = 30 MPH



PLOT DATE: 5/10/2017 12:04:10 PM kkoehneke



ISSUE	DATE	DESCRIPTION

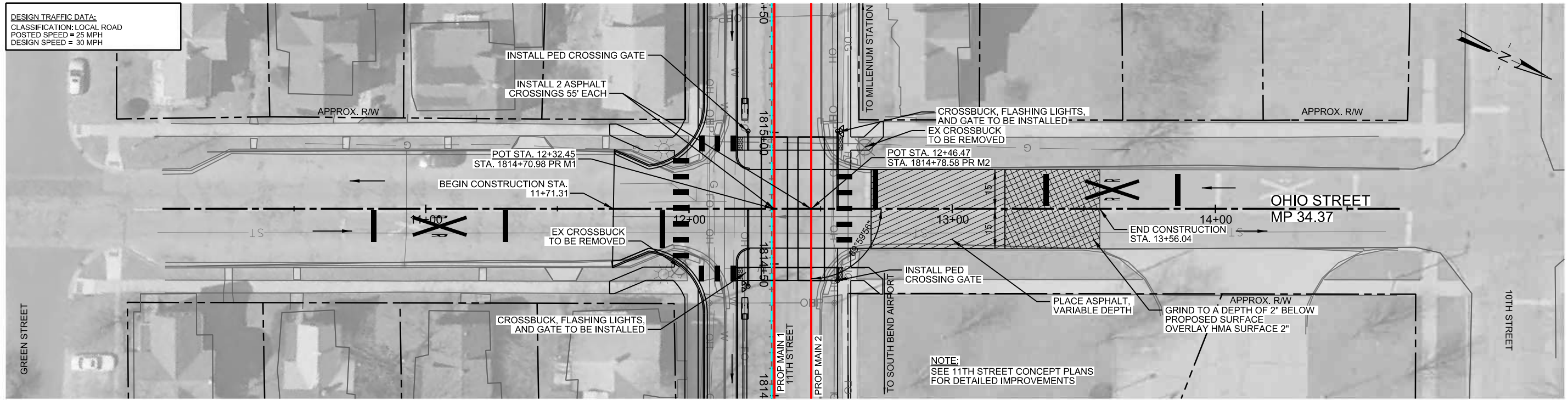


DESIGNED:	PEI-TWC/ALH
DRAWN:	PEI-TWC/ALH
CHECKED:	PEI-KEK
DATE:	5/12/2017

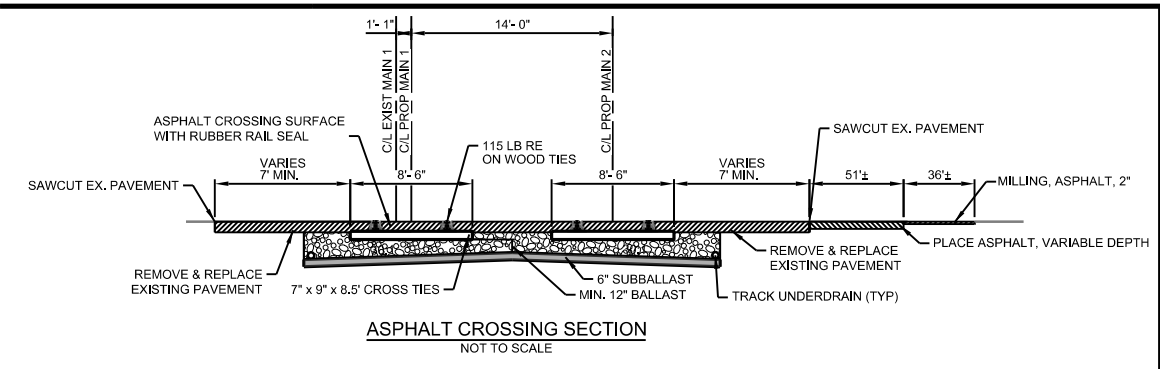
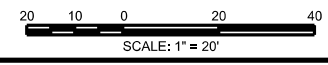
NOT FOR CONSTRUCTION SERIES RDP-036 OF RDP-042

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK NWI		
CROSSING PLAN - MP 34.49 CHICAGO ST - 870687V		
FILENAME	CHICAGO ST., MP 34.49, DOT	SHEET
SCALE	AS NOTED	40 OF 46

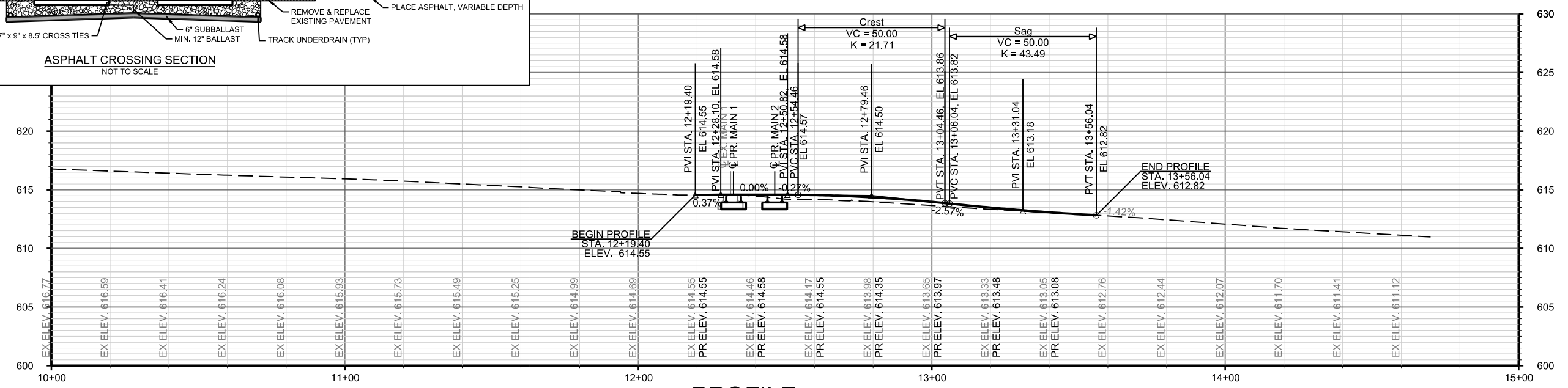
DESIGN TRAFFIC DATA:
 CLASSIFICATION: LOCAL ROAD
 POSTED SPEED = 25 MPH
 DESIGN SPEED = 30 MPH



PLAN
 SCALE: 1"=20'



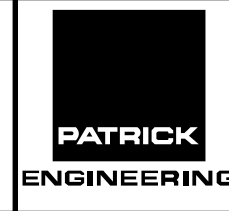
ASPHALT CROSSING SECTION
 NOT TO SCALE



PROFILE
 SCALE: AS NOTED

NOT FOR CONSTRUCTION SERIES RDP-037 OF RDP-042

PLOT DATE: 5/10/2017 12:04:28 PM kkoehneke



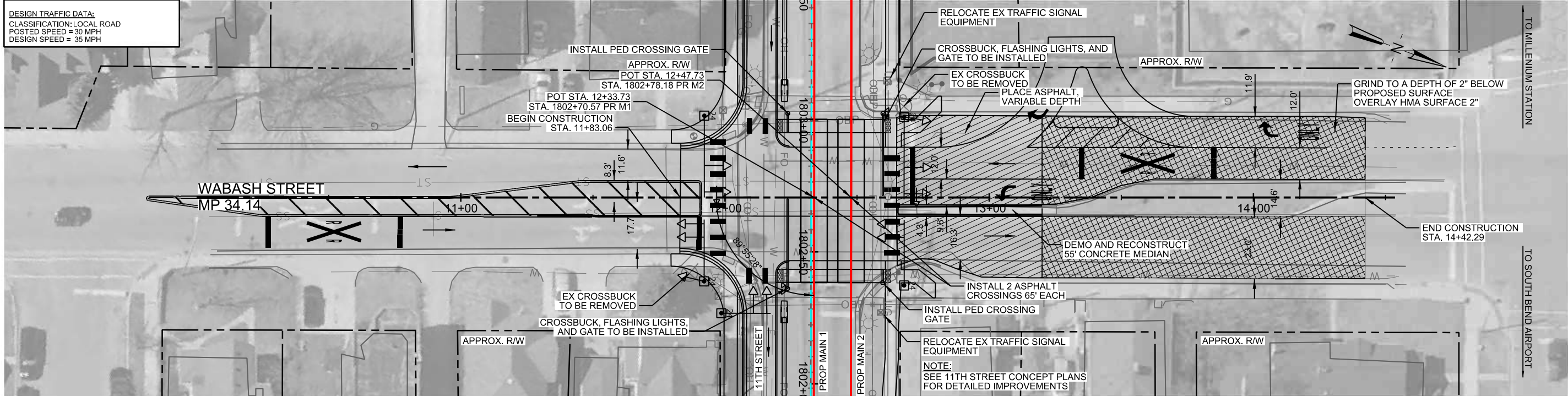
ISSUE	DATE	DESCRIPTION



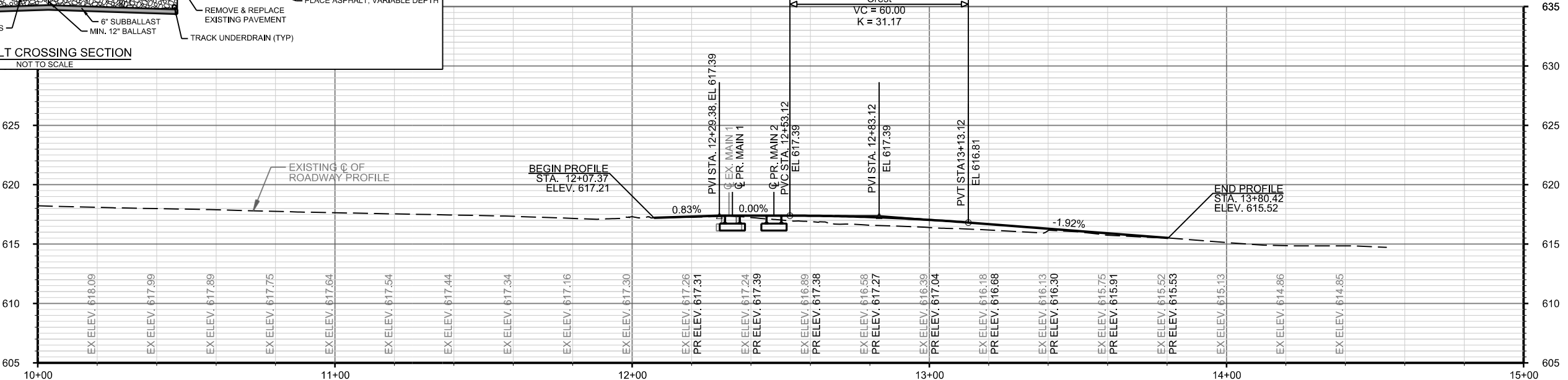
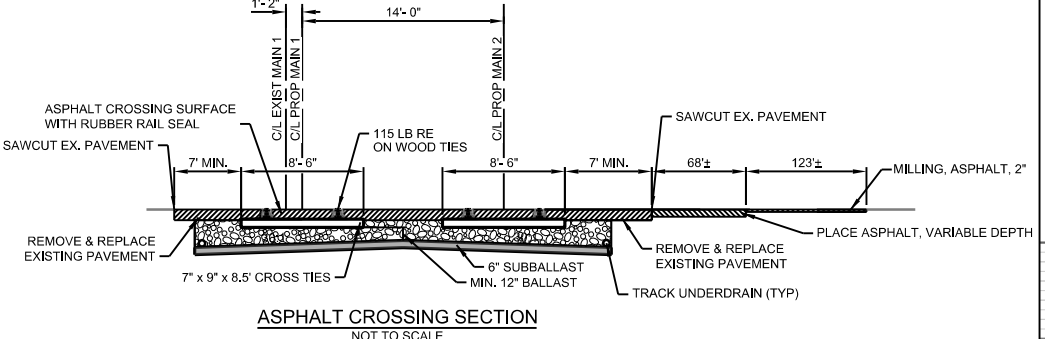
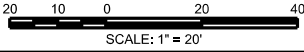
DESIGNED:	PEI-TWC/ALH
DRAWN:	PEI-TWC/ALH
CHECKED:	PEI-KEK
DATE:	5/12/2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK NWI		
CROSSING PLAN - MP 34.37 OHIO ST - 870683T		
FILENAME	OHIO ST., MP 34.37, DOT #8	SHEET
SCALE	AS NOTED	41 OF 46

DESIGN TRAFFIC DATA:
 CLASSIFICATION: LOCAL ROAD
 POSTED SPEED = 30 MPH
 DESIGN SPEED = 35 MPH



PLAN
SCALE: 1"=20'



PROFILE
SCALE: AS NOTED

NOT FOR CONSTRUCTION

SERIES RDP-038 OF RDP-042

PLOT DATE: 5/10/2017 12:04:46 PM kkoehneke

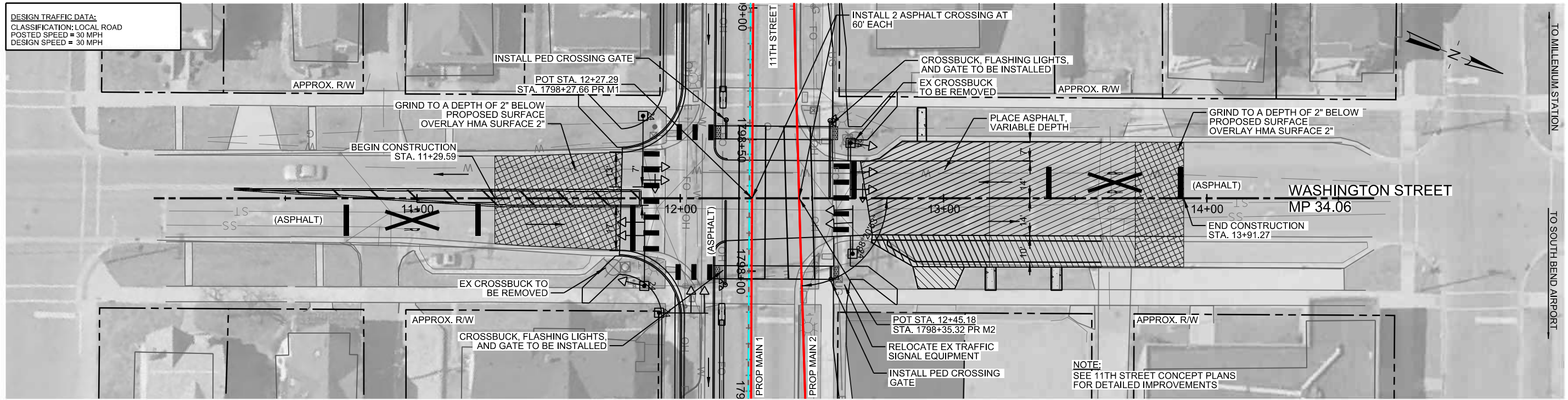


ISSUE	DATE	DESCRIPTION

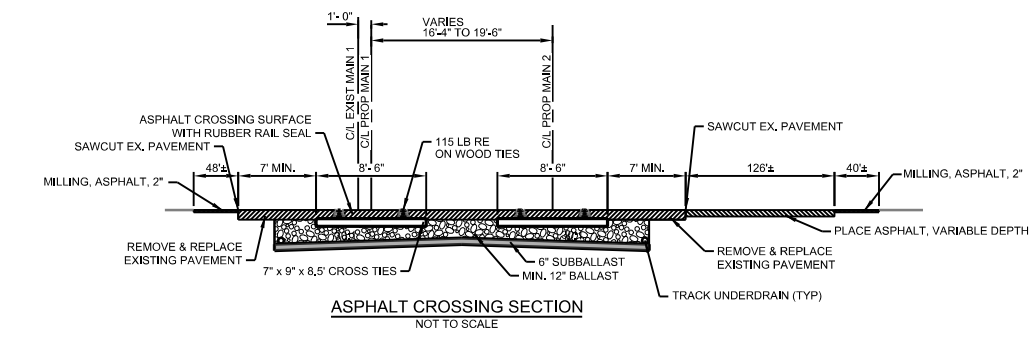
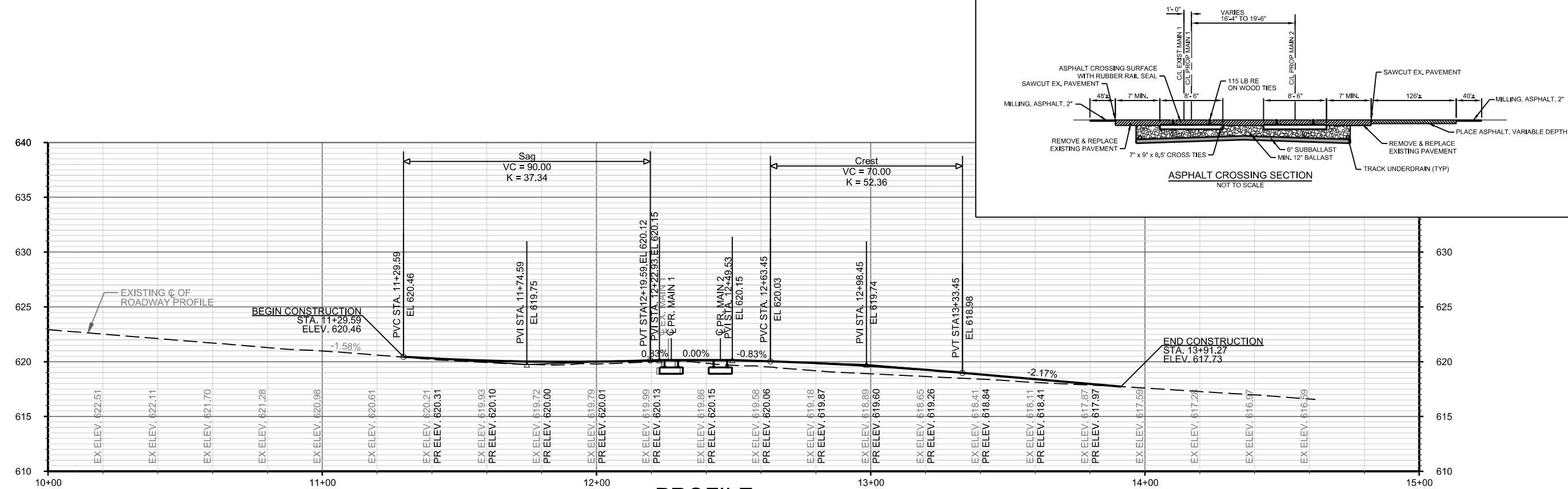
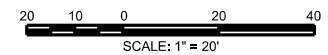


DESIGNED:	PEI-TWC/ALH
DRAWN:	PEI-TWC/ALH
CHECKED:	PEI-KEK
DATE:	5/12/2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK NWI	
CROSSING PLAN - MP 34.14 WABASH ST - 870679D	
FILENAME	WABASH ST., MP 34.14, DOT
SCALE	AS NOTED
SHEET	42 OF 46



PLAN
 SCALE: 1"=20'



PROFILE
 SCALE: AS NOTED

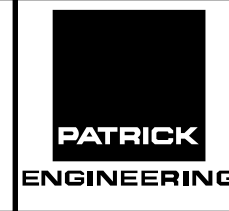
NOT FOR CONSTRUCTION SERIES RDP-039 OF RDP-042

DESIGNED: PEI-TWC/ALH
 DRAWN: PEI-TWC/ALH
 CHECKED: PEI-KEK
 DATE: 5/12/2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
 DOUBLE TRACK NWI
CROSSING PLAN - MP 34.06
WASHINGTON ST - 870678W

FILENAME WASHINGTON ST., MP 34.06, SHEET
 SCALE AS NOTED 43 OF 46

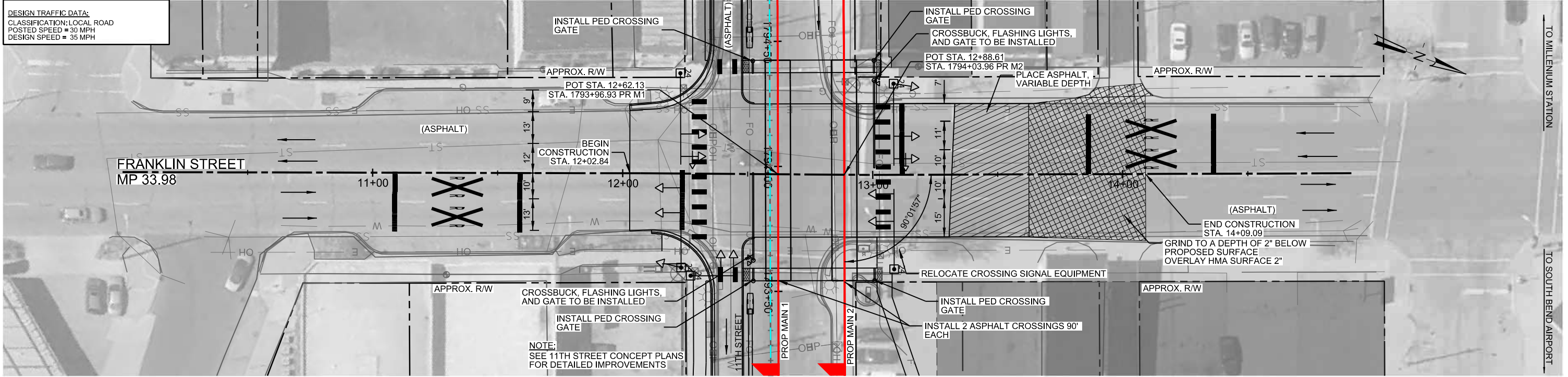
PLOT DATE: 5/10/2017 12:05:41 PM kkoehnke



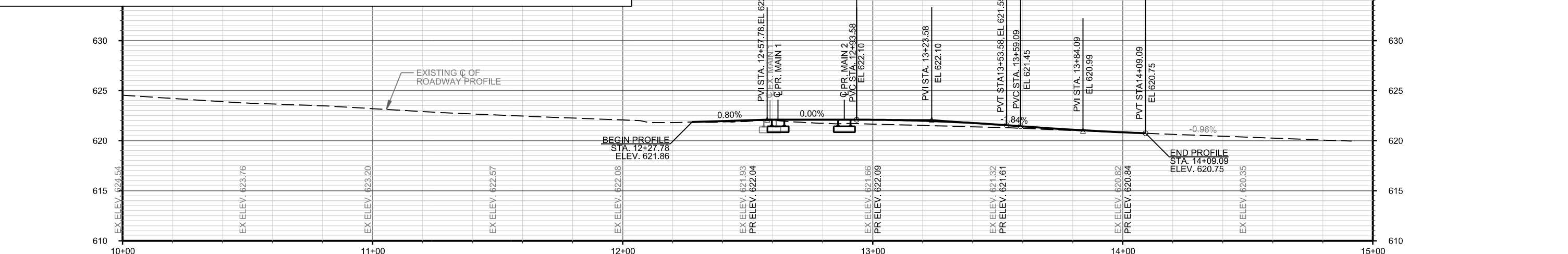
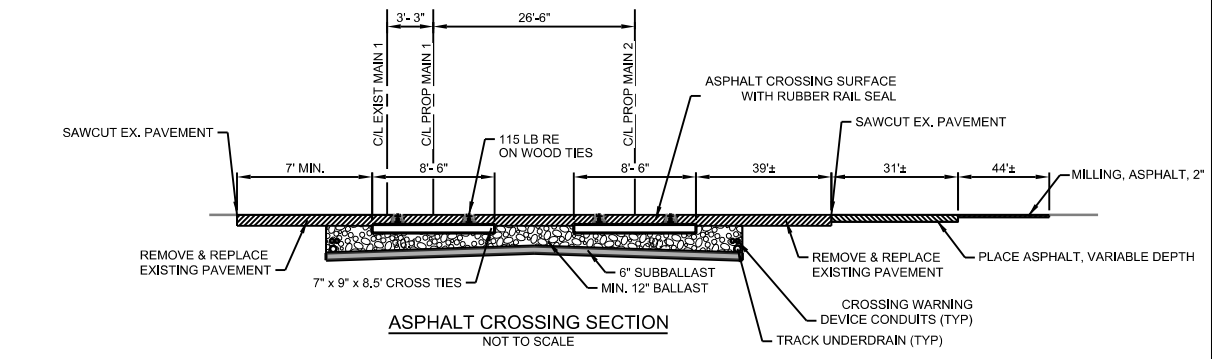
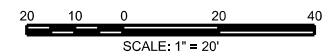
ISSUE	DATE	DESCRIPTION



DESIGN TRAFFIC DATA:
 CLASSIFICATION: LOCAL ROAD
 POSTED SPEED = 30 MPH
 DESIGN SPEED = 35 MPH



PLAN
 SCALE: 1"=20'



NOT FOR CONSTRUCTION SERIES RDP-040 OF RDP-042

12:06:00 PM kkoehneke
 5/10/2017
HDR
 HDR Engineering, Inc.
 8550 W Bryn Mawr Ave., Suite 900
 Chicago, IL 60631
 www.hdrinc.com

PATRICK
 ENGINEERING

ISSUE	DATE	DESCRIPTION

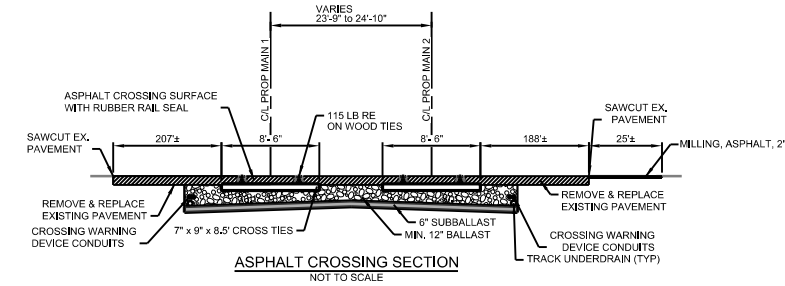
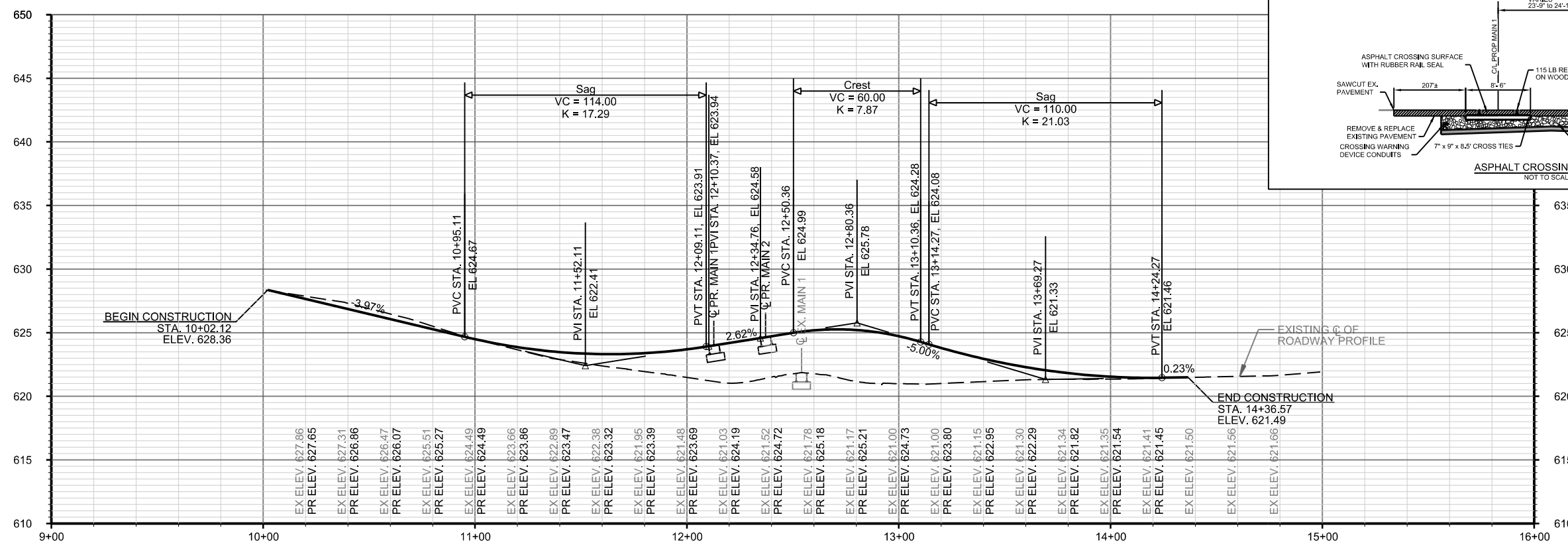
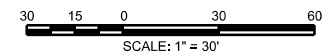
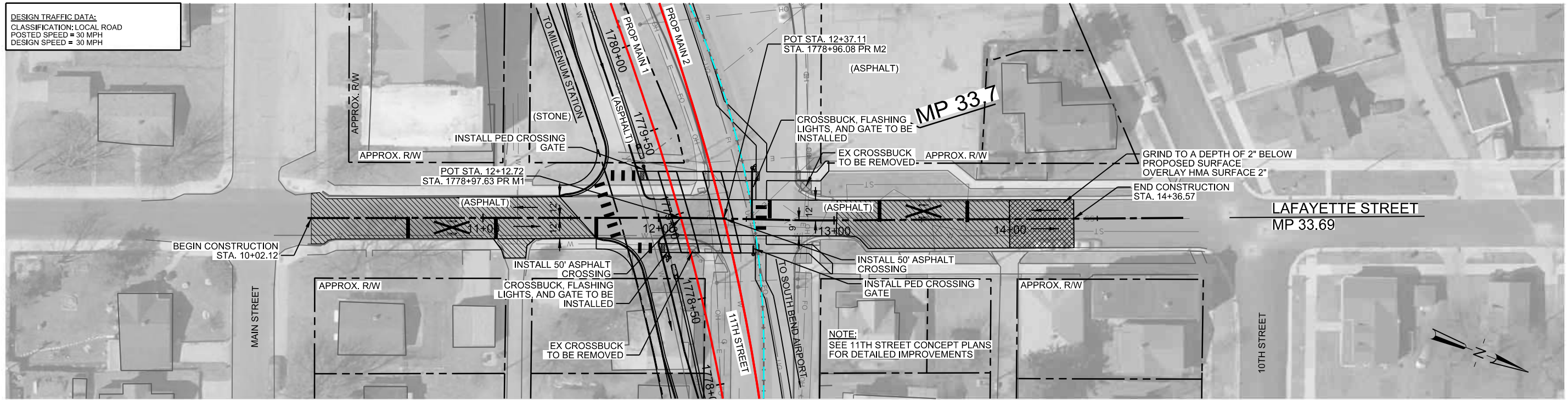
NICTD
 NORTHERN INDIANA COMMUTER
 TRANSPORTATION DISTRICT
 33 East Highway 12
 Chesterton, Indiana 46304

DOUBLE TRACK N.W.I
 Connectivity for Accelerated Growth
 MICHIGAN CITY TO GARY, INDIANA

DESIGNED:	PEI-TWC/ALH
DRAWN:	PEI-TWC/ALH
CHECKED:	PEI-KEK
DATE:	5/12/2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
 DOUBLE TRACK NWI
CROSSING PLAN - MP 33.98
FRANKLIN ST - 870677P

FILENAME	FRANKLIN ST., MP 33.98, DO	SHEET
SCALE	AS NOTED	44 OF 46



PLOT DATE: 5/10/2017 12:06:16 PM kkoehnke



ISSUE	DATE	DESCRIPTION

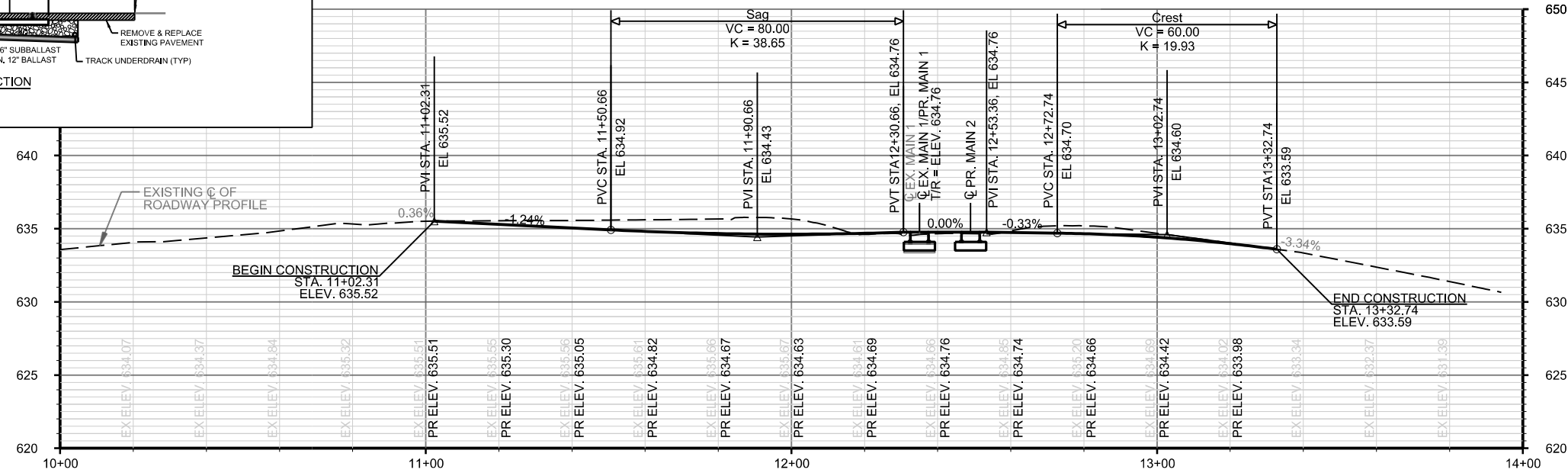
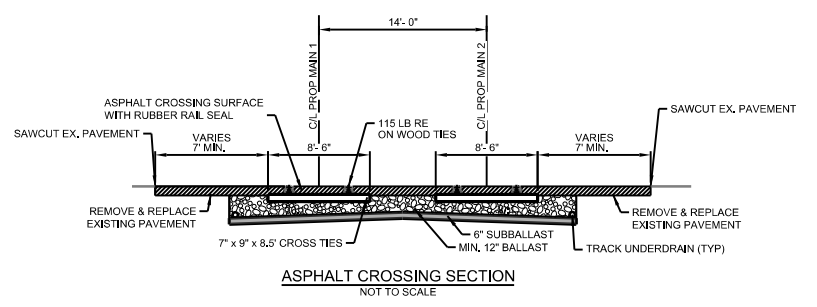
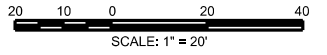
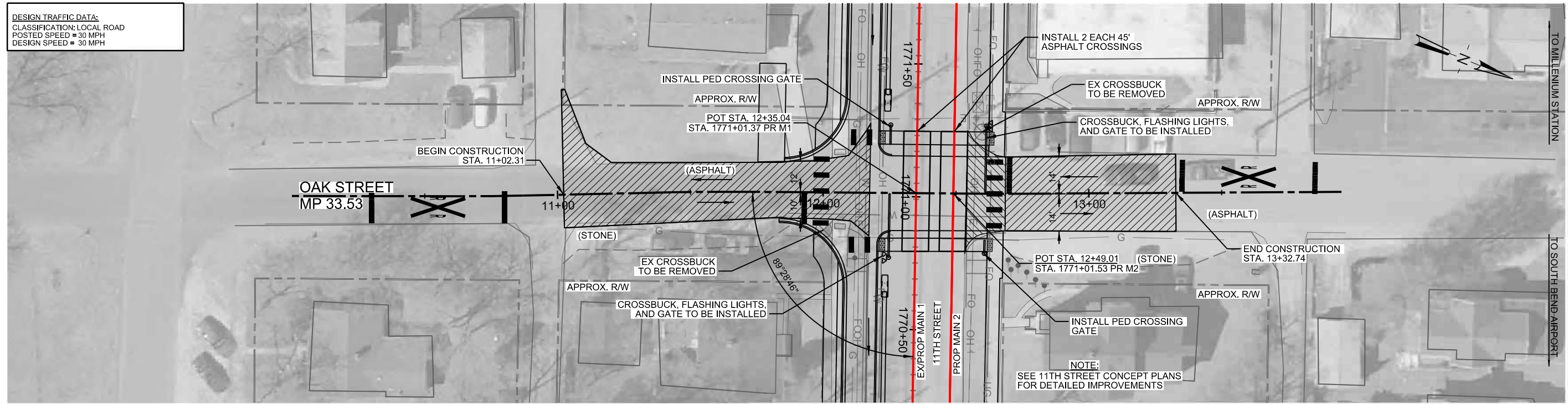


DESIGNED:	PEI-TWC/ALH
DRAWN:	PEI-TWC/ALH
CHECKED:	PEI-KEK
DATE:	5/12/2017

NOT FOR CONSTRUCTION SERIES RDP-041 OF RDP-042

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8 DOUBLE TRACK NWI		
CROSSING PLAN - MP 33.69 LAFAYETTE ST - 870457U		
FILENAME	LAFAYETTE ST., MP 33.69, D	SHEET
SCALE	AS NOTED	45 OF 46

DESIGN TRAFFIC DATA:
 CLASSIFICATION: LOCAL ROAD
 POSTED SPEED = 30 MPH
 DESIGN SPEED = 30 MPH



NOT FOR CONSTRUCTION SERIES RDP-042 OF RDP-042

DESIGNED: PEI-TWC/ALH
 DRAWN: PEI-TWC/ALH
 CHECKED: PEI-KEK
 DATE: 5/12/2017

NICTD - SOUTH SHORE LINE - MP 32.2 TO 58.8
 DOUBLE TRACK NWI
CROSSING PLAN - MP 33.53
OAK ST - 870455F

FILENAME: OAK ST., MP 33.53, DOT #87 SHEET: 46 OF 46
 SCALE: AS NOTED

PLOT DATE: 5/10/2017 12:06:35 PM kkoehnke



ISSUE	DATE	DESCRIPTION

