MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION

FACILITIES ENGINEERING, ADA & SUSTAINABILITY DIVISION

PURPLE LINE LIGHT RAIL TRANSIT SYSTEM

PRELIMINARY ENGINEERING

VOLUME 2 - TRACK, HIGHWAY, TRAIL CROSS SECTIONS

CONTRACT NO. T-1042-0220

ADA DESIGN CERTIFICATION

"I HEREBY CERTIFY THAT THIS PLAN HAS BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA).

DATE

DESIGNER'S SIGNATURE

MD. REGISTRATION NO. _____
P.E. R.L.S. OR R.L.A. (CIRCLE)

PRINTED NAME

DESIGN CERTIFICATION

"I HEREBY CERTIFY THAT THIS PLAN HAS BEEN DESIGNED IN ACCORDANCE WITH THE MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, THE 2000 MARYLAND STORMWATER DESIGN MANUAL, VOLUMES I AND II INCLUDING SUPPLEMENTS, THE ENVIRONMENT ARTICLE SECTIONS 4-101 THROUGH 116 AND SECTIONS 4-201 AND 215, AND THE CODE OF MARYLAND REGULATIONS (COMAR) 26.17.01 AND 26.17.02 FOR EROSION AND SEDIMENT CONTROL AND STORMWATER MANAGEMENT, RESPECTIVELY"

DATE

DESIGNER'S SIGNATURE

MD. REGISTRATION NO. _____
P.E. R.L.S. OR R.L.A. (CIRCLE)

PRINTED NAME

OWNERS / DEVELOPER CERTIFICATION

"I/WE HEREBY CERTIFY THAT ALL CLEARING, CONSTRUCTION AND/OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A MARYLAND DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I HEREBY AUTHORIZE THE RIGHT OF ENTRY FOR PERIODIC ON-SITE EVALUATION BY STATE OF MARYLAND, DEPARTMENT OF THE ENVIRONMENT, COMPLIANCE INSPECTORS."

ROBERT L. BURRIS, ASSISTANT MANAGER,
Facilities Engineering, ADA & Sustainability

DATE

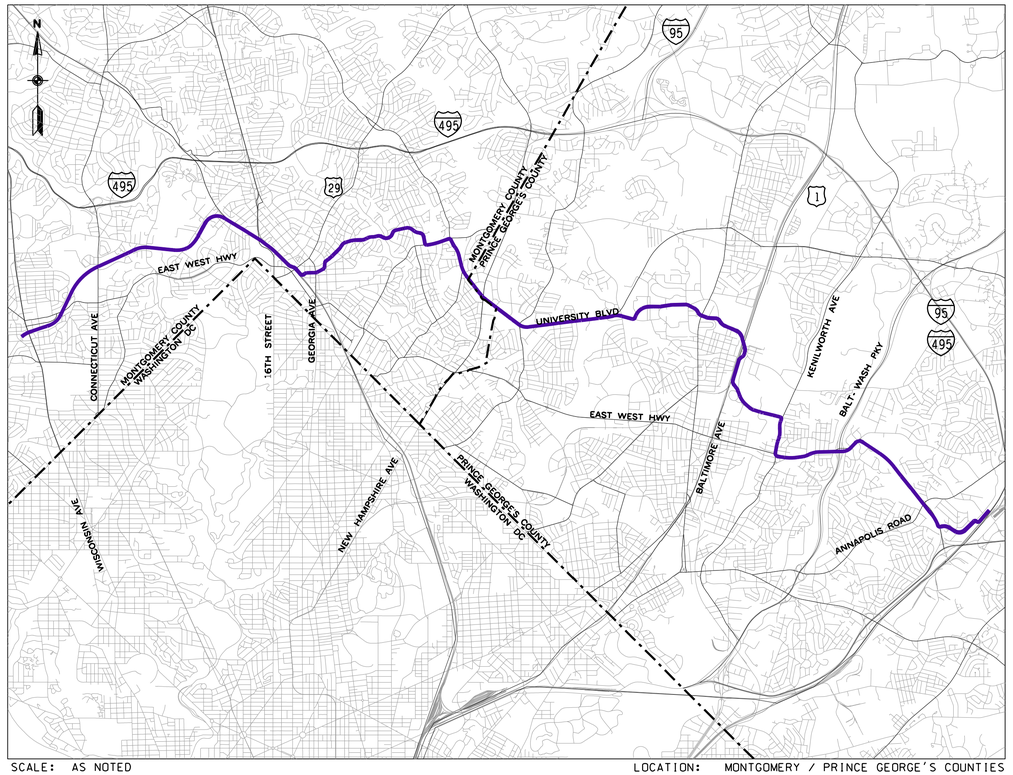
OWNER/DEVELOPER SIGNATURES

43667

CERT. NO.

PRINTED NAME AND TITLE

DCN: 2013.12.20.PE.01.P3 Draft RFP Reference Drawings-Vol. 2-00



SCALE: AS NOTED

LOCATION: MONTGOMERY / PRINCE GEORGE'S COUNTIES

VICINITY MAP

5000' 2500' 0 5000' 10000'

GRAPHIC SCALE

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

PRELIMINARY ENGINEERING SUBMISSION

DECEMBER 2013

MARYLAND TRANSIT ADMINISTRATION

DATE: _____ APPROVED: _____

General Engineering Consultant Team
100 North Charles Street, 8th Floor ■ Baltimore, MD 21202
P: 410-244-6046

CONTRACT NO. T-1042-0220
DRAWING NO. TI-2001
SHEET NO. 1 OF 736

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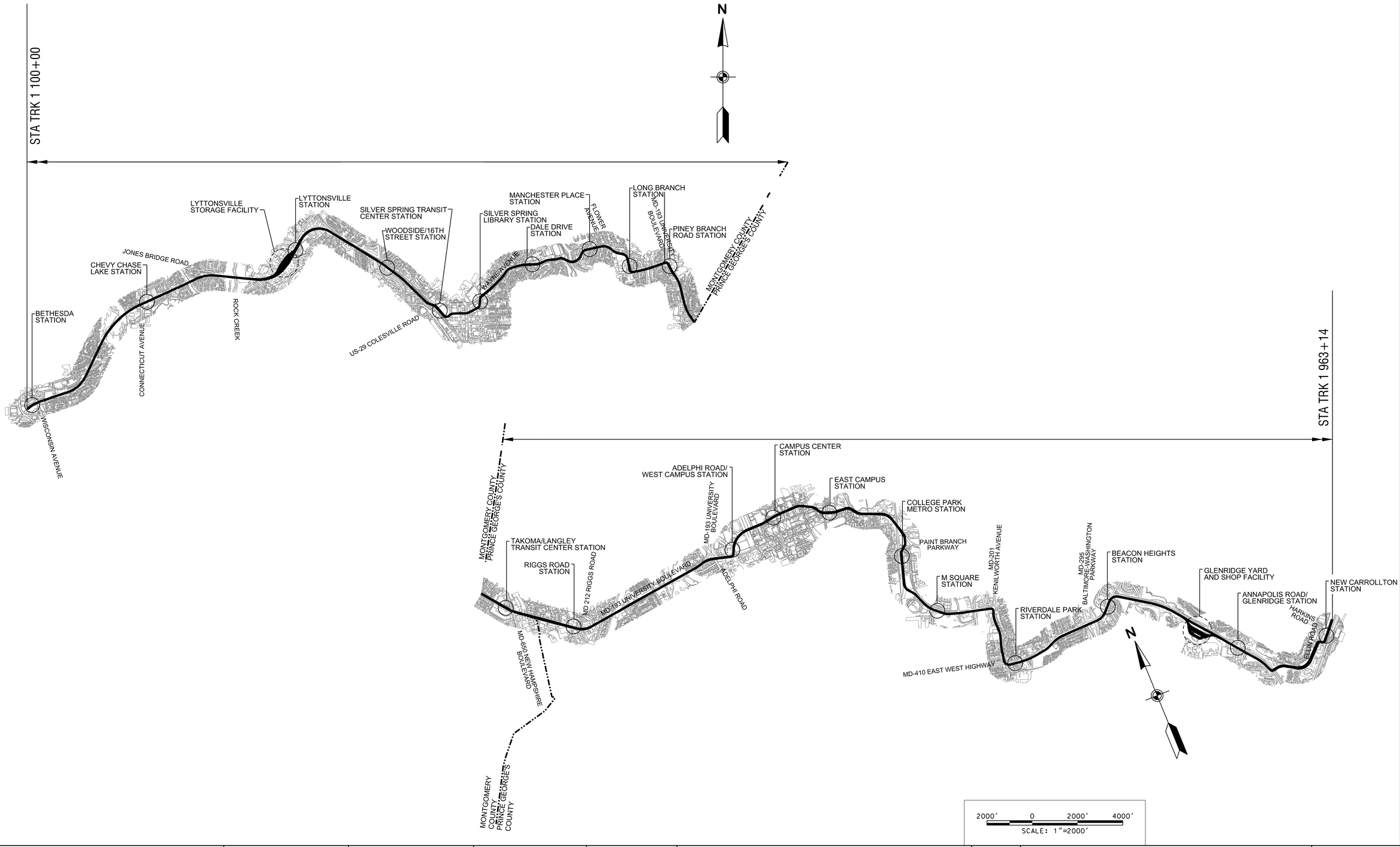
12/12/2013



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

PROFESSIONAL CERTIFICATION

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

KEY MAP

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. GN-2001
SHEET NO. 2 OF 736

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12/11/2013

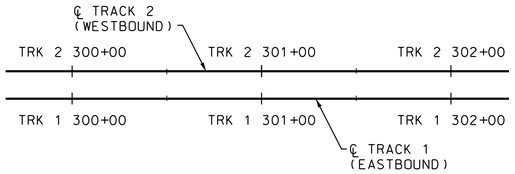
GENERAL NOTES

1. HORIZONTAL CONTROL: THIS PROJECT IS ORIENTATED TO THE MARYLAND STATE PLANE COORDINATE SYSTEM NAD 83/91.
2. VERTICAL CONTROL: THE LOCATION AND ELEVATION OF BENCH MARKS ARE SHOWN ON THE PLANS. ALL ELEVATIONS ARE IN FEET AND ARE BASED ON NAVD 1988 DATUM.
3. BASE TOPOGRAPHIC SURVEY INFORMATION FOR THIS CONTRACT WAS ESTABLISHED FROM AERIAL PHOTOGRAMMETRIC MAPPING IN MARCH OF 2007. SUPPLEMENTAL FIELD SURVEYS WERE PERFORMED AND PLOTTED BY PINNACLE MAPPING TECHNOLOGIES IN MARCH OF 2007.
4. ALL INVERT ELEVATIONS ARE APPROXIMATE. INVERT ELEVATIONS OF DRAINAGE INLETS AND PIPES MAY BE MODIFIED AS DIRECTED BY THE ENGINEER TO MEET CONDITIONS ENCOUNTERED DURING INSTALLATION OF DRAINAGE STRUCTURES.
5. ALL DRAINAGE PIPES AND DITCHES SHALL BE CONSTRUCTED ON A UNIFORM GRADE BETWEEN INVERT ELEVATIONS NOTED ON THE PLANS. UNLESS INDICATED OTHERWISE ON THE PLANS OR DETAILS.
6. THE LOCATION AND LENGTH OF DRAINAGE PIPE SHALL BE VERIFIED BY THE CONTRACTOR BEFORE ORDERING.
7. TYPE AND INVERT OF DITCHES ARE NOTED ON THE PLANS. DITCHES WILL BE IN ACCORDANCE WITH THE DETAILS SHOWN ON THE PLANS.
8. THE CONTRACTOR SHALL BE RESPONSIBLE TO GRADE FOR POSITIVE DRAINAGE WITHIN THE PARKING LOT, AT ALL ENTRANCES, AND ALONG ALL CURB LINES IN ACCORDANCE WITH THE PROPOSED DRAINAGE PATTERNS AS SHOWN ON THE PLANS, AND THOSE EXISTING WHERE APPLICABLE. IN NO CASE SHALL THIS REQUIREMENT RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITY TO CONSTRUCT ALL FACILITIES WITHIN ADA REGULATIONS.
9. ALL EXISTING STORM DRAIN STRUCTURES, SEWER MANHOLES, UTILITY MANHOLES, INLETS, VALVE BOXES, VAULTS, ETC. SHALL BE ADJUSTED BY THE CONTRACTOR TO MEET THE FINISHED GRADE ELEVATION AS NOTED ON THE PLANS, UNLESS THESE APPURTENANCES ARE ABANDONED UNDER THIS CONTRACT.
10. THE EXISTING UTILITIES AND OBSTRUCTIONS SHOWN ON THESE PLANS ARE FROM THE BEST AVAILABLE RECORDS AND SHALL BE VERIFIED BY THE CONTRACTOR TO HIS OWN SATISFACTION PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY ALL CONCERNED UTILITY OWNERS PRIOR TO GRADING OPERATIONS.
11. REPAIRS TO UTILITIES OR PROPERTY DAMAGE AS A RESULT OF CONTRACTOR'S NEGLIGENCE OR METHOD OF OPERATION SHALL BE MADE AT THE CONTRACTOR'S EXPENSE BEFORE PROCEEDING WITH CONSTRUCTION.
12. ANY DISTURBED AREAS NOT PAVED OR LANDSCAPED SHALL RECEIVE 4" TOPSOIL, SEEDING AND MULCH, UNLESS OTHERWISE NOTED ON THE PLANS.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR STAGING CONSTRUCTION SUCH THAT A SOIL STOCKPILE SUITABLE FOR FILL MATERIAL AND TOPSOIL CAN BE MAINTAINED ON-SITE.
14. MATERIAL REMOVED DURING CONSTRUCTION INCLUDING ASPHALT, SIGNS, LIGHT POLES, ETC. SHALL BECOME THE CONTRACTOR'S PROPERTY UNLESS OTHERWISE NOTED ON THE PLANS OR IN THE SPECIAL PROVISIONS.
15. THE CONTRACTOR SHALL BE RESPONSIBLE TO RESET ANY SIGN POST OR OTHER APPURTENANCES REMOVED DURING THE CONSTRUCTION TO FACILITATE HIS WORK, EXCEPT WHERE SPECIFIED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
16. THE CONTRACTOR SHALL PERFORM ALL WORK IN A MANNER THAT WILL INSURE THE SAFETY OF THE GENERAL PUBLIC, COMMUTERS, AND EMPLOYEES OF THE CONTRACTOR, MTA, ETC.
17. ANY DAMAGE TO EXISTING CURBING ADJACENT TO NEW PAVING SHALL BE REPAIRED OR REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
18. UNLESS OTHERWISE NOTED, ALL SAW CUTTING SHALL BE FULL DEPTH.
19. PRIOR TO PERFORMING EXCAVATION OR GRADING AT ANY LOCATION, CONTACT "MISS UTILITY", 1-800-257-7777 AT LEAST 48 HOURS IN ADVANCE OF THE PROPOSED WORK.
20. THE CONTRACTOR SHALL NOTE THE HISTORIC NATURE OF THE SURROUNDING COMMUNITY. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE NOISE FROM CONSTRUCTION ACTIVITY ON-SITE.
21. A COPY OF THE CONTRACTOR'S SITE SPECIFIC PROJECT SAFETY PLAN SHOULD BE SUBMITTED TO THE OFFICE OF SAFETY & RISK MANAGEMENT (OSRM) FOR REVIEW AND COMMENT. A COPY SHOULD BE FORWARDED TO DENNIS RAFFERTY/DAVID AUCHU IN THE OFFICE OF SAFETY & RISK MANAGEMENT. THE CONTRACTOR SHALL NOT BEGIN ANY WORK ACTIVITIES ON SITE UNTIL THE PROJECT SAFETY PLAN HAS BEEN REVIEWED AND FOUND TO BE ACCEPTABLE BY REPRESENTATIVES FROM THE OSRM.
22. OCS SUPPORT LOCATIONS ARE PRESENTED ON THE CIVIL PLANS FOR GRAPHICAL REPRESENTATION ONLY. AS-DESIGNED SUPPORT LAYOUTS AND CONFIGURATIONS TO BE DEVELOPED IN THE NEXT PHASE OF DESIGN.

ADA SUMMARY

REFER TO ADA GENERAL NOTES SHEET

STATIONING KEY



LEGEND - EXISTING

- EXISTING BUILDING
- EXISTING SIDEWALK
- EXISTING RIGHT OF WAY
- EXISTING WETLAND BOUNDARY
- EXISTING TRAFFIC SIGNAL TO REMAIN
- EXISTING TRAFFIC SIGNAL TO BE REMOVED
- EXISTING ACTIVE RECOVERY WELL IN LOWER ZONE
- EXISTING ACTIVE RECOVERY WELL IN UPPER ZONE
- EXISTING LEFT TURN ELIMINATED WITH PROPOSED IMPROVEMENTS
- EXISTING TRAFFIC PATTERN

LEGEND - PROPOSED

- PROPOSED BUILDING DISPLACEMENT
- BY-OTHERS — PROPOSED IMPROVEMENTS BY OTHERS
- PROPOSED CONCRETE
- PAVEMENT REMOVAL
- PERMEABLE PAVEMENT
- PROPOSED FULL DEPTH ASPHALT PAVEMENT
- PROPOSED WEDGE/LEVEL OR MILL AND OVERLAY
- PROPOSED CATENARY POLE
- PROPOSED TRAFFIC SIGNAL
- PROPOSED TRAFFIC PATTERN
- PROPOSED BUMPING POST

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

GENERAL NOTES AND LEGEND

DATE: DECEMBER 2013 SCALE: NONE

CONTRACT NO. T-1042-0220
DRAWING NO. GN-2002
SHEET NO. 3 OF 736

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12/11/2013

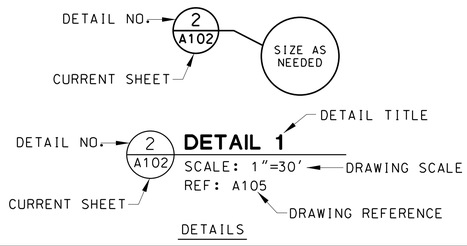
ABBREVIATIONS

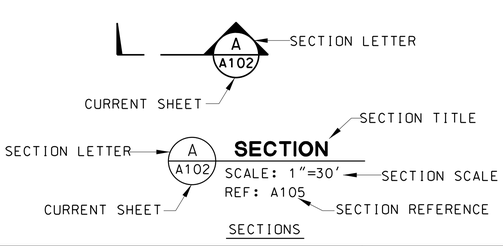
△	TOTAL CENTRAL ANGLE OF SPIRAL AND CIRCULAR CURVES
△c	CENTRAL ANGLE OF CIRCULAR CURVE
AASHTO	AMERICAN SOCIETY OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AC	ASPHALT CONCRETE
ABAN	ABANDONED
ABUT	ABUTMENT
ADAAG	ADA ACCESSIBILITY GUIDELINES
AGIP	AT GRADE INLET PROTECTION
AGG	AGGREGATE
AH, AHD	AHEAD
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
APPROX	APPROXIMATE
ASPH	ASPHALT
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
@	AT
BIT	BITUMINOUS
BCCMP	BITUMINOUS COATED CORRUGATED METAL PIPE
BK	BACK
BLDG	BUILDING
℄	BASELINE
BLVD	BOULEVARD
BM	BENCHMARK
BOT	BOTTOM
BRG	BEARING
BSMT	BASEMENT
CB	CATCH BASIN
CCT	CAPITAL CRESCENT TRAIL
C/C	CENTER TO CENTER
CD	STONE CHECK DAM
CEM	CEMENT
CG	CONCRETE GUTTER
C&G	CURB AND GUTTER
CGSP	CORR. GALVANIZED STEEL PIPE
CIP	CAST IRON PIPE
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CLR	CLEAR
CO	CLEAN OUT
COL	COLUMN
COMB	COMBINED SEWER
CONC	CONCRETE
CONN	CONNECTION
CONST	CONSTRUCTION
CRB	CURB LINE
CSXT	CSX TRANSPORTATION INCORPORATED
C/T	CROSSOVER TRACK
CTB	CEMENT TREATED BASE
D_C	DEGREE OF CIRCULAR CURVE
DEFL	DEFLECTION
DEG. °	DEGREES
D/I	DROP INLET
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DN	DOWNSPOUT
DRWY	DRIVEWAY
DWG	DRAWING
DWLG	DWELLING
E	EAST
EA	EACH
EB	EASTBOUND
EL	ELEVATION
ELCP	ELLIPTICAL CONCRETE PIPE
ELEC	ELECTRIC
EM	ELECTRIC METER
EMB	EMBANKMENT
E/P	EDGE OF PAVEMENT
EQ	EQUAL
EQL	EQUILATERAL
EQN	EQUATION
E/R	EDGE OF ROAD
E/S	EDGE OF STREAM
ESMT	EASEMENT
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
FC	FIELD CONNECTION
FF	FAR FACE
FG	FINISH GRADE
FH	FIRE HYDRANT
FL	FLOOR, FLOWLINE
FR	FRAME
FT, ′	FOOT, FEET
F/T	FUTURE TRACK
FUT	FUTURE
GALV	GALVANIZED
GM	GAS METER
GND	GROUND
GR	GRADE
GV	GAS VALVE
GW	GUY WIRE
H	HEIGHT
HBX	HAND BOX
HDPE	HIGH DENSITY POLYETHYLENE
HMA	HOT MIX ASPHALT
HORIZ	HORIZONTAL
HP	HIGH POINT
H/W	HEAD WALL
I	INLET
ID	INSIDE DIAMETER
IN, ″	INCH
INT	INTERIOR
INV	INVERT
JB	JUNCTION BOX
LB	POUND
Lc	TOTAL LENGTH OF CIRCULAR CURVE, IN FEET
LF	LINEAR FEET
LOD	LIMIT OF DISTURBANCE
LP	LOW POINT
LPLG	LEAD PLUG (SURVEY MONUMENT)
LR	LONG RADIUS
LRT	LIGHT RAIL TRANSIT
LRV	LIGHT RAIL VEHICLE
LT	LEFT
MARC	MARYLAND RAIL COMMUTER
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MIN, ′	MINUTE
MISC	MISCELLANEOUS
MON	MONUMENT
MPH	MILES PER HOUR
MSL	MEAN SEA LEVEL
MTA	MARYLAND TRANSIT ADMINISTRATION
N	NORTH
N/A	NOT APPLICABLE
NB	NORTHBOUND
N/E	NORTH LINE - EAST TRACK
NF	NEAR FACE
N/F	NOW OR FORMERLY
NIC	NOT IN CONTRACT
NO, #	NUMBER
NTS	NOT TO SCALE
N/W	NORTH LINE-WEST TRACK
OD	OUTSIDE DIAMETER
OPP	OPPOSITE
PAVT	PAVEMENT
PC	POINT OF CHANGE FROM TANGENT TO CIRCULAR CURVE
PCC	POINT OF COMPOUND CIRCULAR CURVES
PED	PEDESTRIAN
PERF	PERFORATED
PERM	PERMANENT
PGE	PROFILE GRADE ELEVATION
PGL	PROFILE GRADE LINE
PI	POINT OF INTERSECTION OF TWO TANGENTS
PK	PARKER-KALON NAIL (SURVEY MARKER)
PKG	PARKING
ℙ	PROPERTY LINE
PLAT	PLATFORM
POB	POINT OF BEGINNING
POC	POINT ON CURVE
POE	POINT OF ENDING
POL	POINT ON LINE
POT	POINT ON TANGENT
PRC	POINT OF REVERSE CURVES
PROP	PROPOSED
PST	PORTABLE SEDIMENT TANK
PT	POINT OF CHANGE FROM CIRCULAR CURVE TO TANGENT
PV	PETROLEUM VALVE
PVC	POLYVINYL CHLORIDE
R	RADIUS
RCEP	REINFORCED CONCRETE ELLIPTICAL PIPE
RCP	REINFORCED CONCRETE PIPE
REF	REFERENCE
REINF	REINFORCED
REQD	REQUIRED
RET	RETAINING
RP	RAMP
RR	RAILROAD
RT	RIGHT
R/W	RIGHT OF WAY
S	SOUTH
SAN	SANITARY
SB	SOUTHBOUND
SCE	STABILIZED CONSTRUCTION ENTRANCE
SCH	SCHEDULE
SD	STORM DRAIN
S/E	SOUTH LINE - EAST TRACK
SEC, ″	SECOND
SECT	SECTION
SF	SILT FENCE
S.F.	SQUARE FOOT
SG	SUBGRADE
SHA	STATE HIGHWAY ADMINISTRATION
SHLD	SHOULDER
SHT	SHEET
SIG	SIGNAL
SLP	SLOPE
SP	SPACING
STA	STATION
STD	STANDARD
STL	STEEL
STR	STRUCTURE
SURF	SURFACE
SW	SIDE WALK
S/W	SOUTH LINE - WEST TRACK
SWM	STORMWATER MANAGEMENT
TB	TEST BORING
Tc	TANGENT LENGTH OF CIRCULAR CURVE
T/C	TOP OF CURB
TEL	TELEPHONE
TEMP	TEMPORARY
T/G	TOP OF GROUND
T.G.	TOP OF GRATE
TOPO	TOPOGRAPHY
TP	TEST PIT
T/P	TOP OF PAVEMENT
T/R	TOP OF RAIL
TRK	TRACK
TR SIG	TRAFFIC SIGNAL
T.S.	TOP OF STRUCTURE
TYP	TYPICAL
UD	UNDERDRAIN
UNO	UNLESS NOTED OTHERWISE
V	VELOCITY
VAR	VARIES
VCP	VITRIFIED CLAY PIPE
VERT	VERTICAL
W	WEST
W/	WITH
W/O	WITHOUT
WAT	WATER
WB	WESTBOUND
WHSE	WAREHOUSE
WM	WATER METER
WMATA	WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
WP	WORK POINT
WS	WATER SURFACE
WV	WATER VALVE
X-ING	CROSSING
X-OVER	CROSSOVER

SYMBOLS

EXISTING		PROPOSED
	RIGHT-OF-WAY	
ℙ	PROPERTY LINE	ℙ
	PARCEL NUMBER	#500
	MATCHLINE AND SECTION LINE	
	TRACK CENTER LINE	℄ TRACK 1
℄	CENTER LINE	℄
	BASE LINE	ℬ
	POINT OF INTERSECTION OF TANGENTS	
	STATION EQUATION	STA AH = STA BK
TRAV PT. 10 △	PRIMARY HORIZONTAL CONTROL - TRAVERSE POINT	
BM	BENCH MARK	
TB 18	TEST BORING 18	
TP 22	TEST PIT	
	STRUCTURE OUTLINE	
	METAL FENCE (CHAIN LINK)	
	ORNAMENTAL METAL FENCE	
	WOOD FENCE	
	RAILROAD TRACKS	
CC	CONCRETE CURB	
C&G	CONCRETE CURB AND GUTTER	
	DETECTABLE WARNING SURFACE	
WALL	WALLS	WALL
	TRAFFIC BARRIER	
	BILLBOARD OR LARGE SIGN	
OR	SIGNS - NON-TRAFFIC	
	SIGNS - TRAFFIC	OR
	CUT SLOPE - TOP	C
	FILL SLOPE - TOE	F

EXISTING		PROPOSED
140	MAJOR CONTOUR LINE	140
141	MINOR CONTOUR LINE	141
103.1 ×	SPOT ELEVATION	103.1
▽ EL.	HIGH WATER	▼ EL.
	DITCH	
	SWALE	
	SURFACE FLOW DIRECTION	
27″ RCP	STORM DRAIN LINE	27″ RCP
UD	UNDERDRAIN LINE	UD
DI	DROP INLET, CATCH BASIN OR DRAIN	I-1
	CULVERT WITH HEADWALLS	
E G SS T W	MANHOLE (TYPE AS NOTED)	M-1
SAN CO SAN	CLEANOUT	CO SAN
WM 8″ W WV	WATER LINE	12″ W
12″ G GV	GAS LINE	6″ G
8″ S SS	SANITARY LINE	12″ S
T	UNDERGROUND TELEPHONE LINE	2″ T
T	OVERHEAD TELEPHONE LINE	T
E	UNDERGROUND ELECTRIC LINE	E
E	OVERHEAD ELECTRIC LINE	E
JB	ELECTRICAL JUNCTION BOX	
	ELECTRIC METER	
FO	UNDERGROUND FIBER OPTIC LINE	FO
FO	OVERHEAD FIBER OPTIC LINE	FO
POLE NO.	UTILITY POLE	
	LIGHT POLE	
FH WV	FIRE HYDRANT	FH WM
	ITEM TO BE REMOVED	R





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Gannett Fleming — WR&A

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DESIGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CIVIL ABBREVIATIONS AND SYMBOLS

DATE: DECEMBER 2013 SCALE: NONE

CONTRACT NO. T-1042-0220
DRAWING NO. GN-2003
SHEET NO. 4 OF 736

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12/11/2013

ABBREVIATIONS

ABND	ABANDONED
EX	EXIST
HB	HANDBOX
OCS	OVERHEAD CATENARY SYSTEM
O/H	OVERHEAD
PLA	PLASTIC
TBA	TO BE ABANDONED
TBR	TO BE REMOVED
U/G	UNDERGROUND
WRPD	WRAPED
X"	UNKNOWN UTILITY SIZE

EXISTING	UTILITY NAME	PROPOSED
EX #"W	WATER	#"W
EX #"S	SANITARY	#"S
EX #"ST	STEAM	#"ST
EX #"D	STORM	#"D
EX #"G	GAS	#"G
EX FO	FIBER OPTIC	#"FO
EX T	TELEPHONE	#"T
EX #"CSNG	STEEL CASING	#"CSNG
EX E	ELECTRIC	E
EX UT	OTHER UTILITIES	UT

SYMBOLS

EXISTING		PROPOSED
	TELECOMM JUNCTION BOX	T
	TEST PIT	
— — W — —(	WATER CAP	— — W — — (

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

UTILITY ABBREVIATIONS AND SYMBOLS

DATE: DECEMBER 2013 SCALE: NONE

CONTRACT NO. T-1042-0220
DRAWING NO. GN-2004
SHEET NO. 5 OF 736

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12/11/2013

INDEX OF DRAWINGS - VOLUME 2

SHEET NO.	DWG. NO.	DESCRIPTION
GENERAL		
1	TI-2001	TITLE SHEET - VOLUME 2
2	GN-2001	KEY MAP
3	GN-2002	GENERAL NOTES AND LEGEND
4	GN-2003	CIVIL ABBREVIATIONS AND SYMBOLS
5	GN-2004	UTILITY ABBREVIATIONS AND SYMBOLS
6	GI-2101	INDEX OF SHEETS - VOLUME 2 SHEET 1
7	GI-2102	INDEX OF SHEETS - VOLUME 2 SHEET 2
8	GI-2103	INDEX OF SHEETS - VOLUME 2 SHEET 3
9	GI-2104	INDEX OF SHEETS - VOLUME 2 SHEET 4
TRACK CROSS SECTIONS		
10	XS-001	CROSS SECTIONS STA TRK 1 100+00 TO STA TRK 1 101+50
11	XS-002	CROSS SECTIONS STA TRK 1 102+00 TO STA TRK 1 103+50
12	XS-003	CROSS SECTIONS STA TRK 1 104+00 TO STA TRK 1 105+00
13	XS-004	CROSS SECTIONS STA TRK 1 105+50 TO STA TRK 1 107+00
14	XS-005	CROSS SECTIONS STA TRK 1 107+50 TO STA TRK 1 109+00
15	XS-006	CROSS SECTIONS STA TRK 1 109+50 TO STA TRK 1 111+00
16	XS-007	CROSS SECTIONS STA TRK 1 111+50 TO STA TRK 1 113+00
17	XS-008	CROSS SECTIONS STA TRK 1 113+50 TO STA TRK 1 115+00
18	XS-009	CROSS SECTIONS STA TRK 1 115+50 TO STA TRK 1 117+00
19	XS-010	CROSS SECTIONS STA TRK 1 117+50 TO STA TRK 1 119+00
20	XS-011	CROSS SECTIONS STA TRK 1 119+50 TO STA TRK 1 121+00
21	XS-012	CROSS SECTIONS STA TRK 1 121+50 TO STA TRK 1 123+00
22	XS-013	CROSS SECTIONS STA TRK 1 123+50 TO STA TRK 1 125+00
23	XS-014	CROSS SECTIONS STA TRK 1 125+50 TO STA TRK 1 127+00
24	XS-015	CROSS SECTIONS STA TRK 1 127+50 TO STA TRK 1 129+00
25	XS-016	CROSS SECTIONS STA TRK 1 129+50 TO STA TRK 1 131+00
26	XS-017	CROSS SECTIONS STA TRK 1 131+50 TO STA TRK 1 133+00
27	XS-018	CROSS SECTIONS STA TRK 1 133+50 TO STA TRK 1 135+00
28	XS-019	CROSS SECTIONS STA TRK 1 135+50 TO STA TRK 1 137+00
29	XS-020	CROSS SECTIONS STA TRK 1 137+50 TO STA TRK 1 139+00
30	XS-021	CROSS SECTIONS STA TRK 1 139+50 TO STA TRK 1 141+00
31	XS-022	CROSS SECTIONS STA TRK 1 141+50 TO STA TRK 1 143+00
32	XS-023	CROSS SECTIONS STA TRK 1 143+50 TO STA TRK 1 145+00
33	XS-024	CROSS SECTIONS STA TRK 1 145+50 TO STA TRK 1 146+00
34	XS-025	CROSS SECTIONS STA TRK 1 146+50 TO STA TRK 1 148+00
35	XS-026	CROSS SECTIONS STA TRK 1 148+50 TO STA TRK 1 150+00
36	XS-027	CROSS SECTIONS STA TRK 1 150+50 TO STA TRK 1 152+00
37	XS-028	CROSS SECTIONS STA TRK 1 152+50 TO STA TRK 1 154+00
38	XS-029	CROSS SECTIONS STA TRK 1 154+50 TO STA TRK 1 156+00
39	XS-030	CROSS SECTIONS STA TRK 1 156+50 TO STA TRK 1 158+00
40	XS-031	CROSS SECTIONS STA TRK 1 158+50 TO STA TRK 1 160+00
41	XS-032	CROSS SECTIONS STA TRK 1 160+50 TO STA TRK 1 162+00
42	XS-033	CROSS SECTIONS STA TRK 1 162+50 TO STA TRK 1 164+00
43	XS-034	CROSS SECTIONS STA TRK 1 164+50 TO STA TRK 1 166+00
44	XS-035	CROSS SECTIONS STA TRK 1 166+50 TO STA TRK 1 168+00
45	XS-036	CROSS SECTIONS STA TRK 1 168+50 TO STA TRK 1 170+00
46	XS-037	CROSS SECTIONS STA TRK 1 170+50 TO STA TRK 1 174+00
47	XS-038	CROSS SECTIONS STA TRK 1 174+50 TO STA TRK 1 175+50
48	XS-039	CROSS SECTIONS STA TRK 1 176+00 TO STA TRK 1 177+50
49	XS-040	CROSS SECTIONS STA TRK 1 178+00 TO STA TRK 1 179+50
50	XS-041	CROSS SECTIONS STA TRK 1 180+00 TO STA TRK 1 181+50
51	XS-042	CROSS SECTIONS STA TRK 1 182+00 TO STA TRK 1 183+50
52	XS-043	CROSS SECTIONS STA TRK 1 184+00 TO STA TRK 1 185+50
53	XS-044	CROSS SECTIONS STA TRK 1 186+00 TO STA TRK 1 187+50
54	XS-045	CROSS SECTIONS STA TRK 1 188+00 TO STA TRK 1 189+50
55	XS-046	CROSS SECTIONS STA TRK 1 190+00 TO STA TRK 1 191+50
56	XS-047	CROSS SECTIONS STA TRK 1 192+00 TO STA TRK 1 193+50
57	XS-048	CROSS SECTIONS STA TRK 1 194+00 TO STA TRK 1 195+50
58	XS-049	CROSS SECTIONS STA TRK 1 196+00 TO STA TRK 1 197+50
59	XS-050	CROSS SECTIONS STA TRK 1 198+00 TO STA TRK 1 199+50
60	XS-051	CROSS SECTIONS STA TRK 1 200+00 TO STA TRK 1 201+50
61	XS-052	CROSS SECTIONS STA TRK 1 202+00 TO STA TRK 1 203+50
62	XS-053	CROSS SECTIONS STA TRK 1 204+00 TO STA TRK 1 205+50
63	XS-054	CROSS SECTIONS STA TRK 1 206+00 TO STA TRK 1 207+50
64	XS-055	CROSS SECTIONS STA TRK 1 208+00 TO STA TRK 1 209+50
65	XS-056	CROSS SECTIONS STA TRK 1 210+00 TO STA TRK 1 211+50
66	XS-057	CROSS SECTIONS STA TRK 1 212+00 TO STA TRK 1 212+50
67	XS-058	CROSS SECTIONS STA TRK 1 213+00 TO STA TRK 1 213+50
68	XS-059	CROSS SECTIONS STA TRK 1 214+00 TO STA TRK 1 214+50
69	XS-060	CROSS SECTIONS STA TRK 1 217+50 TO STA TRK 1 218+00
TRACK CROSS SECTIONS (CONTINUED)		
70	XS-061	CROSS SECTIONS STA TRK 1 218+50 TO STA TRK 1 219+00
71	XS-062	CROSS SECTIONS STA TRK 1 219+50 TO STA TRK 1 220+00
72	XS-063	CROSS SECTIONS STA TRK 1 220+50 TO STA TRK 1 221+00
73	XS-064	CROSS SECTIONS STA TRK 1 221+50 TO STA TRK 1 222+00
74	XS-065	CROSS SECTIONS STA TRK 1 222+50 TO STA TRK 1 223+00
75	XS-066	CROSS SECTIONS STA TRK 1 223+50 TO STA TRK 1 224+50
76	XS-067	CROSS SECTIONS STA TRK 1 225+00 TO STA TRK 1 226+50
77	XS-068	CROSS SECTIONS STA TRK 1 227+00 TO STA TRK 1 228+50
78	XS-069	CROSS SECTIONS STA TRK 1 229+00 TO STA TRK 1 230+50
79	XS-070	CROSS SECTIONS STA TRK 1 231+00 TO STA TRK 1 232+50
80	XS-071	CROSS SECTIONS STA TRK 1 233+00 TO STA TRK 1 234+50
81	XS-072	CROSS SECTIONS STA TRK 1 235+00 TO STA TRK 1 236+50
82	XS-073	CROSS SECTIONS STA TRK 1 237+00 TO STA TRK 1 238+50
83	XS-074	CROSS SECTIONS STA TRK 1 239+00 TO STA TRK 1 240+50
84	XS-075	CROSS SECTIONS STA TRK 1 241+00 TO STA TRK 1 242+50
85	XS-076	CROSS SECTIONS STA TRK 1 243+00 TO STA TRK 1 244+50
86	XS-077	CROSS SECTIONS STA TRK 1 245+00 TO STA TRK 1 246+00
87	XS-078	CROSS SECTIONS STA TRK 1 246+50 TO STA TRK 1 248+00
88	XS-079	CROSS SECTIONS STA TRK 1 248+50 TO STA TRK 1 250+00
89	XS-080	CROSS SECTIONS STA TRK 1 250+50 TO STA TRK 1 252+50
90	XS-081	CROSS SECTIONS STA TRK 1 253+00 TO STA TRK 1 254+50
91	XS-082	CROSS SECTIONS STA TRK 1 255+00 TO STA TRK 1 256+50
92	XS-083	CROSS SECTIONS STA TRK 1 257+00 TO STA TRK 1 258+50
93	XS-084	CROSS SECTIONS STA TRK 1 259+00 TO STA TRK 1 260+50
94	XS-085	CROSS SECTIONS STA TRK 1 261+00 TO STA TRK 1 262+50
95	XS-086	CROSS SECTIONS STA TRK 1 263+00 TO STA TRK 1 264+50
96	XS-087	CROSS SECTIONS STA TRK 1 265+00 TO STA TRK 1 266+50
97	XS-088	CROSS SECTIONS STA TRK 1 267+00 TO STA TRK 1 268+00
98	XS-089	CROSS SECTIONS STA TRK 1 268+50 TO STA TRK 1 269+00
99	XS-090	CROSS SECTIONS STA TRK 1 269+50 TO STA TRK 1 270+00
100	XS-091	CROSS SECTIONS STA TRK 1 270+50 TO STA TRK 1 271+00
101	XS-092	CROSS SECTIONS STA TRK 1 271+50 TO STA TRK 1 272+00
102	XS-093	CROSS SECTIONS STA TRK 1 272+50 TO STA TRK 1 273+00
103	XS-094	CROSS SECTIONS STA TRK 1 273+50 TO STA TRK 1 274+00
104	XS-095	CROSS SECTIONS STA TRK 1 274+50 TO STA TRK 1 275+00
105	XS-096	CROSS SECTIONS STA TRK 1 275+50 TO STA TRK 1 276+00
106	XS-097	CROSS SECTIONS STA TRK 1 276+50 TO STA TRK 1 277+00
107	XS-098	CROSS SECTIONS STA TRK 1 277+50 TO STA TRK 1 278+00
108	XS-099	CROSS SECTIONS STA TRK 1 278+50 TO STA TRK 1 279+00
109	XS-100	CROSS SECTIONS STA TRK 1 279+50 TO STA TRK 1 280+00
110	XS-101	CROSS SECTIONS STA TRK 1 280+50 TO STA TRK 1 281+00
111	XS-102	CROSS SECTIONS STA TRK 1 281+50 TO STA TRK 1 282+00
112	XS-103	CROSS SECTIONS STA TRK 1 282+50 TO STA TRK 1 283+00
113	XS-104	CROSS SECTIONS STA TRK 1 283+50 TO STA TRK 1 284+00
114	XS-105	CROSS SECTIONS STA TRK 1 284+50 TO STA TRK 1 285+00
115	XS-106	CROSS SECTIONS STA TRK 1 285+50 TO STA TRK 1 286+00
116	XS-107	CROSS SECTIONS STA TRK 1 286+50 TO STA TRK 1 287+00
117	XS-108	CROSS SECTIONS STA TRK 1 287+50 TO STA TRK 1 288+00
118	XS-109	CROSS SECTIONS STA TRK 1 288+50 TO STA TRK 1 289+00
119	XS-110	CROSS SECTIONS STA TRK 1 289+50
120	XS-111	CROSS SECTIONS STA TRK 1 290+00
121	XS-112	CROSS SECTIONS STA TRK 1 290+50 TO STA TRK 1 291+00
122	XS-113	CROSS SECTIONS STA TRK 1 291+50 TO STA TRK 1 292+00
123	XS-114	CROSS SECTIONS STA TRK 1 292+50 TO STA TRK 1 293+00
124	XS-115	CROSS SECTIONS STA TRK 1 293+50 TO STA TRK 1 294+00
125	XS-116	CROSS SECTIONS STA TRK 1 294+50 TO STA TRK 1 295+00
126	XS-117	CROSS SECTIONS STA TRK 1 295+50 TO STA TRK 1 296+00
127	XS-118	CROSS SECTIONS STA TRK 1 296+50 TO STA TRK 1 297+00
128	XS-119	CROSS SECTIONS STA TRK 1 297+50 TO STA TRK 1 298+00
129	XS-120	CROSS SECTIONS STA TRK 1 298+50 TO STA TRK 1 299+50
130	XS-121	CROSS SECTIONS STA TRK 1 300+00 TO STA TRK 1 300+50
131	XS-122	CROSS SECTIONS STA TRK 1 301+00 TO STA TRK 1 301+50
132	XS-123	CROSS SECTIONS STA TRK 1 302+00 TO STA TRK 1 302+50
133	XS-124	CROSS SECTIONS STA TRK 1 303+00 TO STA TRK 1 303+50
134	XS-125	CROSS SECTIONS STA TRK 1 304+00 TO STA TRK 1 304+50
135	XS-126	CROSS SECTIONS STA TRK 1 503+50 TO STA TRK 1 504+00
136	XS-127	CROSS SECTIONS STA TRK 1 306+50 TO STA TRK 1 307+00
137	XS-128	CROSS SECTIONS STA TRK 1 307+50 TO STA TRK 1 308+00
138	XS-129	CROSS SECTIONS STA TRK 1 308+50 TO STA TRK 1 309+00
139	XS-130	CROSS SECTIONS STA TRK 1 309+50 TO STA TRK 1 310+00
140	XS-131	CROSS SECTIONS STA TRK 1 310+50 TO STA TRK 1 311+00
141	XS-132	CROSS SECTIONS STA TRK 1 311+50 TO STA TRK 1 312+00
TRACK CROSS SECTIONS (CONTINUED)		
142	XS-133	CROSS SECTIONS STA TRK 1 312+50 TO STA TRK 1 313+00
143	XS-134	CROSS SECTIONS STA TRK 1 313+50 TO STA TRK 1 314+00
144	XS-135	CROSS SECTIONS STA TRK 1 314+50 TO STA TRK 1 315+00
145	XS-136	CROSS SECTIONS STA TRK 1 315+50 TO STA TRK 1 316+00
146	XS-137	CROSS SECTIONS STA TRK 1 316+50 TO STA TRK 1 317+00
147	XS-138	CROSS SECTIONS STA TRK 1 317+50 TO STA TRK 1 318+00
148	XS-139	CROSS SECTIONS STA TRK 1 318+50 TO STA TRK 1 319+00
149	XS-140	CROSS SECTIONS STA TRK 1 319+50 TO STA TRK 1 320+00
150	XS-141	CROSS SECTIONS STA TRK 1 334+35 TO STA TRK 1 335+00
151	XS-142	CROSS SECTIONS STA TRK 1 335+50 TO STA TRK 1 337+50
152	XS-143	CROSS SECTIONS STA TRK 1 338+00 TO STA TRK 1 340+50
153	XS-144	CROSS SECTIONS STA TRK 1 341+00 TO STA TRK 1 343+50
154	XS-145	CROSS SECTIONS STA TRK 1 344+00
155	XS-146	CROSS SECTIONS STA TRK 1 344+50 TO STA TRK 1 346+00
156	XS-147	CROSS SECTIONS STA TRK 1 346+50 TO STA TRK 1 348+00
157	XS-148	CROSS SECTIONS STA TRK 1 348+50 TO STA TRK 1 350+00
158	XS-149	CROSS SECTIONS STA TRK 1 350+50 TO STA TRK 1 352+00
159	XS-150	CROSS SECTIONS STA TRK 1 352+50 TO STA TRK 1 354+00
160	XS-151	CROSS SECTIONS STA TRK 1 354+50 TO STA TRK 1 356+00
161	XS-152	CROSS SECTIONS STA TRK 1 356+50 TO STA TRK 1 358+00
162	XS-153	CROSS SECTIONS STA TRK 1 358+50 TO STA TRK 1 360+00
163	XS-154	CROSS SECTIONS STA TRK 1 360+50 TO STA TRK 1 362+00
164	XS-155	CROSS SECTIONS STA TRK 1 362+50 TO STA TRK 1 364+00
165	XS-156	CROSS SECTIONS STA TRK 1 364+50 TO STA TRK 1 366+00
166	XS-157	CROSS SECTIONS STA TRK 1 366+50 TO STA TRK 1 368+00
167	XS-158	CROSS SECTIONS STA TRK 1 368+50 TO STA TRK 1 370+00
168	XS-159	CROSS SECTIONS STA TRK 1 370+50 TO STA TRK 1 372+00
169	XS-160	CROSS SECTIONS STA TRK 1 372+50 TO STA TRK 1 374+00
170	XS-161	CROSS SECTIONS STA TRK 1 374+50 TO STA TRK 1 376+00
171	XS-162	CROSS SECTIONS STA TRK 1 376+50 TO STA TRK 1 378+00
172	XS-163	CROSS SECTIONS STA TRK 1 378+50 TO STA TRK 1 380+00
173	XS-164	CROSS SECTIONS STA TRK 1 380+50 TO STA TRK 1 382+00
174	XS-165	CROSS SECTIONS STA TRK 1 382+50 TO STA TRK 1 384+00
175	XS-166	CROSS SECTIONS STA TRK 1 384+50 TO STA TRK 1 386+00
176	XS-167	CROSS SECTIONS STA TRK 1 386+50 TO STA TRK 1 388+00
177	XS-168	CROSS SECTIONS STA TRK 1 388+50 TO STA TRK 1 390+00
178	XS-169	CROSS SECTIONS STA TRK 1 390+50 TO STA TRK 1 392+00
179	XS-170	CROSS SECTIONS STA TRK 1 392+50 TO STA TRK 1 394+00
180	XS-171	CROSS SECTIONS STA TRK 1 394+50 TO STA TRK 1 396+00
181	XS-172	CROSS SECTIONS STA TRK 1 396+50 TO STA TRK 1 398+00
182	XS-173	CROSS SECTIONS STA TRK 1 398+50 TO STA TRK 1 400+00
183	XS-174	CROSS SECTIONS STA TRK 1 400+50 TO STA TRK 1 402+00
184	XS-175	CROSS SECTIONS STA TRK 1 402+50 TO STA TRK 1 404+00
185	XS-176	CROSS SECTIONS STA TRK 1 404+50 TO STA TRK 1 406+00
186	XS-177	CROSS SECTIONS STA TRK 1 406+50 TO STA TRK 1 408+00
187	XS-178	CROSS SECTIONS STA TRK 1 408+50 TO STA TRK 1 409+00
188	XS-179	CROSS SECTIONS STA TRK 1 409+50 TO STA TRK 1 410+00
189	XS-180	CROSS SECTIONS STA TRK 1 410+50 TO STA TRK 1 411+00
190	XS-181	CROSS SECTIONS STA TRK 1 411+50 TO STA TRK 1 412+00
191	XS-182	CROSS SECTIONS STA TRK 1 412+50 TO STA TRK 1 413+00
192	XS-183	CROSS SECTIONS STA TRK 1 413+50 TO STA TRK 1 414+00
193	XS-184	CROSS SECTIONS STA TRK 1 414+50 TO STA TRK 1 415+00
194	XS-185	CROSS SECTIONS STA TRK 1 415+50 TO STA TRK 1 416+00
195	XS-186	CROSS SECTIONS STA TRK 1 416+50 TO STA TRK 1 417+00
196	XS-187	CROSS SECTIONS STA TRK 1 417+50 TO STA TRK 1 418+00
197	XS-188	CROSS SECTIONS STA TRK 1 418+50 TO STA TRK 1 419+00
198	XS-189	CROSS SECTIONS STA TRK 1 419+50 TO STA TRK 1 420+00
199	XS-190	CROSS SECTIONS STA TRK 1 420+50 TO STA TRK 1 421+00
200	XS-191	CROSS SECTIONS STA TRK 1 421+50 TO STA TRK 1 422+00
201	XS-192	CROSS SECTIONS STA TRK 1 422+50 TO STA TRK 1 423+00
202	XS-193	CROSS SECTIONS STA TRK 1 423+50 TO STA TRK 1 424+50
203	XS-194	CROSS SECTIONS STA TRK 1 425+00 TO STA TRK 1 426+50
204	XS-195	CROSS SECTIONS STA TRK 1 427+00 TO STA TRK 1 428+50
205	XS-196	CROSS SECTIONS STA TRK 1 429+00 TO STA TRK 1 430+50
206	XS-197	CROSS SECTIONS STA TRK 1 431+00 TO STA TRK 1 432+50
207	XS-198	CROSS SECTIONS STA TRK 1 433+00 TO STA TRK 1 433+50
208	XS-199	CROSS SECTIONS STA TRK 1 434+00 TO STA TRK 1 435+50
209	XS-200	CROSS SECTIONS STA TRK 1 436+00 TO STA TRK 1 437+50
210	XS-201	CROSS SECTIONS STA TRK 1 438+00 TO STA TRK 1 439+50
211	XS-202	CROSS SECTIONS STA TRK 1 440+00 TO STA TRK 1 440+50
212	XS-203	CROSS SECTIONS STA TRK 1 441+00 TO STA TRK 1 441+50
213	XS-204	CROSS SECTIONS STA TRK 1 442+00 TO STA TRK 1 442+50

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. _____ Expiration Date _____

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

INDEX OF SHEETS – VOLUME 2
SHEET 1

DATE: DECEMBER 2013 SCALE: NONE

CONTRACT NO. T-1042-0220

DRAWING NO. GI-2101

SHEET NO. 6 OF 736

c:\pwworking\mtapw\ala-thomas antony\d0131990\1042pTI2001.DGN
12/11/2013

INDEX OF DRAWINGS - VOLUME 2

SHEET NO.	DWG. NO.	DESCRIPTION
TRACK CROSS SECTIONS (CONTINUED)		
214	XS-205	CROSS SECTIONS STA TRK 1 443+00 TO STA TRK 1 443+50
215	XS-206	CROSS SECTIONS STA TRK 1 444+00 TO STA TRK 1 445+50
216	XS-207	CROSS SECTIONS STA TRK 1 446+00 TO STA TRK 1 447+50
217	XS-208	CROSS SECTIONS STA TRK 1 448+00 TO STA TRK 1 449+00
218	XS-209	CROSS SECTIONS STA TRK 1 449+50 TO STA TRK 1 450+00
219	XS-210	CROSS SECTIONS STA TRK 1 450+50 TO STA TRK 1 451+00
220	XS-211	CROSS SECTIONS STA TRK 1 451+50 TO STA TRK 1 452+00
221	XS-212	CROSS SECTIONS STA TRK 1 452+50 TO STA TRK 1 453+00
222	XS-213	CROSS SECTIONS STA TRK 1 453+50 TO STA TRK 1 454+00
223	XS-214	CROSS SECTIONS STA TRK 1 454+50 TO STA TRK 1 455+00
224	XS-215	CROSS SECTIONS STA TRK 1 455+50 TO STA TRK 1 456+00
225	XS-216	CROSS SECTIONS STA TRK 1 456+50 TO STA TRK 1 457+00
226	XS-217	CROSS SECTIONS STA TRK 1 457+50 TO STA TRK 1 458+00
227	XS-218	CROSS SECTIONS STA TRK 1 458+50 TO STA TRK 1 459+00
228	XS-219	CROSS SECTIONS STA TRK 1 459+50 TO STA TRK 1 460+00
229	XS-220	CROSS SECTIONS STA TRK 1 460+50 TO STA TRK 1 461+00
230	XS-221	CROSS SECTIONS STA TRK 1 461+50 TO STA TRK 1 462+00
231	XS-222	CROSS SECTIONS STA TRK 1 462+50 TO STA TRK 1 463+00
232	XS-223	CROSS SECTIONS STA TRK 1 463+50 TO STA TRK 1 464+00
233	XS-224	CROSS SECTIONS STA TRK 1 464+50 TO STA TRK 1 465+00
234	XS-225	CROSS SECTIONS STA TRK 1 465+50 TO STA TRK 1 466+00
235	XS-226	CROSS SECTIONS STA TRK 1 466+50 TO STA TRK 1 467+00
236	XS-227	CROSS SECTIONS STA TRK 1 467+50 TO STA TRK 1 468+00
237	XS-228	CROSS SECTIONS STA TRK 1 468+50 TO STA TRK 1 469+00
238	XS-229	CROSS SECTIONS STA TRK 1 469+50 TO STA TRK 1 470+00
239	XS-230	CROSS SECTIONS STA TRK 1 470+50 TO STA TRK 1 471+00
240	XS-231	CROSS SECTIONS STA TRK 1 471+50 TO STA TRK 1 472+00
241	XS-232	CROSS SECTIONS STA TRK 1 472+50 TO STA TRK 1 473+00
242	XS-233	CROSS SECTIONS STA TRK 1 473+50 TO STA TRK 1 474+00
243	XS-234	CROSS SECTIONS STA TRK 1 474+50 TO STA TRK 1 475+00
244	XS-235	CROSS SECTIONS STA TRK 1 475+50 TO STA TRK 1 476+00
245	XS-236	CROSS SECTIONS STA TRK 1 476+50 TO STA TRK 1 477+00
246	XS-237	CROSS SECTIONS STA TRK 1 477+50 TO STA TRK 1 478+00
247	XS-238	CROSS SECTIONS STA TRK 1 478+50 TO STA TRK 1 479+00
248	XS-239	CROSS SECTIONS STA TRK 1 479+50 TO STA TRK 1 480+00
249	XS-240	CROSS SECTIONS STA TRK 1 480+50 TO STA TRK 1 481+00
250	XS-241	CROSS SECTIONS STA TRK 1 481+50 TO STA TRK 1 482+00
251	XS-242	CROSS SECTIONS STA TRK 1 482+50 TO STA TRK 1 483+00
252	XS-243	CROSS SECTIONS STA TRK 1 483+50 TO STA TRK 1 484+00
253	XS-244	CROSS SECTIONS STA TRK 1 484+50 TO STA TRK 1 485+00
254	XS-245	CROSS SECTIONS STA TRK 1 485+50 TO STA TRK 1 486+00
255	XS-246	CROSS SECTIONS STA TRK 1 486+50 TO STA TRK 1 487+00
256	XS-247	CROSS SECTIONS STA TRK 1 487+50 TO STA TRK 1 488+00
257	XS-248	CROSS SECTIONS STA TRK 1 488+50 TO STA TRK 1 489+00
258	XS-249	CROSS SECTIONS STA TRK 1 489+50 TO STA TRK 1 490+00
259	XS-250	CROSS SECTIONS STA TRK 1 490+50 TO STA TRK 1 491+00
260	XS-251	CROSS SECTIONS STA TRK 1 491+50 TO STA TRK 1 492+00
261	XS-252	CROSS SECTIONS STA TRK 1 492+50 TO STA TRK 1 493+00
262	XS-253	CROSS SECTIONS STA TRK 1 493+50 TO STA TRK 1 494+00
263	XS-254	CROSS SECTIONS STA TRK 1 494+50 TO STA TRK 1 495+00
264	XS-255	CROSS SECTIONS STA TRK 1 495+50 TO STA TRK 1 496+00
265	XS-256	CROSS SECTIONS STA TRK 1 496+50 TO STA TRK 1 496+51
266	XS-257	CROSS SECTIONS STA TRK 1 497+00 TO STA TRK 1 497+50
267	XS-258	CROSS SECTIONS STA TRK 1 498+00 TO STA TRK 1 498+50
268	XS-259	CROSS SECTIONS STA TRK 1 499+00 TO STA TRK 1 499+50
269	XS-260	CROSS SECTIONS STA TRK 1 500+00 TO STA TRK 1 500+50
270	XS-261	CROSS SECTIONS STA TRK 1 501+00 TO STA TRK 1 501+50
271	XS-262	CROSS SECTIONS STA TRK 1 502+00 TO STA TRK 1 502+50
272	XS-263	CROSS SECTIONS STA TRK 1 503+00 TO STA TRK 1 503+50
273	XS-264	CROSS SECTIONS STA TRK 1 504+00 TO STA TRK 1 504+50
274	XS-265	CROSS SECTIONS STA TRK 1 505+00 TO STA TRK 1 505+50
275	XS-266	CROSS SECTIONS STA TRK 1 506+00 TO STA TRK 1 506+50
276	XS-267	CROSS SECTIONS STA TRK 1 507+00 TO STA TRK 1 507+50
277	XS-268	CROSS SECTIONS STA TRK 1 508+00 TO STA TRK 1 508+50
278	XS-269	CROSS SECTIONS STA TRK 1 509+00 TO STA TRK 1 509+50
279	XS-270	CROSS SECTIONS STA TRK 1 510+00 TO STA TRK 1 510+50
280	XS-271	CROSS SECTIONS STA TRK 1 511+00 TO STA TRK 1 511+50
281	XS-272	CROSS SECTIONS STA TRK 1 512+00 TO STA TRK 1 512+50
282	XS-273	CROSS SECTIONS STA TRK 1 513+00 TO STA TRK 1 513+50
283	XS-274	CROSS SECTIONS STA TRK 1 514+00 TO STA TRK 1 514+50
284	XS-275	CROSS SECTIONS STA TRK 1 515+00 TO STA TRK 1 515+50
285	XS-276	CROSS SECTIONS STA TRK 1 516+00 TO STA TRK 1 516+50
TRACK CROSS SECTIONS (CONTINUED)		
286	XS-277	CROSS SECTIONS STA TRK 1 517+00 TO STA TRK 1 517+50
287	XS-278	CROSS SECTIONS STA TRK 1 518+00 TO STA TRK 1 518+50
288	XS-279	CROSS SECTIONS STA TRK 1 519+00 TO STA TRK 1 519+50
289	XS-280	CROSS SECTIONS STA TRK 1 520+00 TO STA TRK 1 520+50
290	XS-281	CROSS SECTIONS STA TRK 1 521+00 TO STA TRK 1 521+50
291	XS-282	CROSS SECTIONS STA TRK 1 522+00 TO STA TRK 1 522+50
292	XS-283	CROSS SECTIONS STA TRK 1 523+00 TO STA TRK 1 523+50
293	XS-284	CROSS SECTIONS STA TRK 1 524+00 TO STA TRK 1 524+50
294	XS-285	CROSS SECTIONS STA TRK 1 525+00
295	XS-286	CROSS SECTIONS STA TRK 1 525+50 TO STA TRK 1 526+00
296	XS-287	CROSS SECTIONS STA TRK 1 526+50 TO STA TRK 1 527+00
297	XS-288	CROSS SECTIONS STA TRK 1 527+50 TO STA TRK 1 528+00
298	XS-289	CROSS SECTIONS STA TRK 1 528+50 TO STA TRK 1 529+00
299	XS-290	CROSS SECTIONS STA TRK 1 529+50 TO STA TRK 1 530+00
300	XS-291	CROSS SECTIONS STA TRK 1 530+50 TO STA TRK 1 531+00
301	XS-292	CROSS SECTIONS STA TRK 1 531+50 TO STA TRK 1 532+00
302	XS-293	CROSS SECTIONS STA TRK 1 532+50 TO STA TRK 1 533+00
303	XS-294	CROSS SECTIONS STA TRK 1 533+50 TO STA TRK 1 534+00
304	XS-295	CROSS SECTIONS STA TRK 1 534+50 TO STA TRK 1 535+00
305	XS-296	CROSS SECTIONS STA TRK 1 535+50 TO STA TRK 1 536+00
306	XS-297	CROSS SECTIONS STA TRK 1 536+50 TO STA TRK 1 537+00
307	XS-298	CROSS SECTIONS STA TRK 1 537+50 TO STA TRK 1 538+00
308	XS-299	CROSS SECTIONS STA TRK 1 538+50 TO STA TRK 1 539+00
309	XS-300	CROSS SECTIONS STA TRK 1 539+50 TO STA TRK 1 540+00
310	XS-301	CROSS SECTIONS STA TRK 1 540+50 TO STA TRK 1 541+00
311	XS-302	CROSS SECTIONS STA TRK 1 541+50 TO STA TRK 1 542+00
312	XS-303	CROSS SECTIONS STA TRK 1 542+50 TO STA TRK 1 543+00
313	XS-304	CROSS SECTIONS STA TRK 1 543+50 TO STA TRK 1 544+00
314	XS-305	CROSS SECTIONS STA TRK 1 544+50 TO STA TRK 1 545+00
315	XS-306	CROSS SECTIONS STA TRK 1 545+50 TO STA TRK 1 546+00
316	XS-307	CROSS SECTIONS STA TRK 1 546+50 TO STA TRK 1 547+00
317	XS-308	CROSS SECTIONS STA TRK 1 547+50 TO STA TRK 1 548+00
318	XS-309	CROSS SECTIONS STA TRK 1 548+50 TO STA TRK 1 549+00
319	XS-310	CROSS SECTIONS STA TRK 1 549+50 TO STA TRK 1 550+00
320	XS-311	CROSS SECTIONS STA TRK 1 550+50 TO STA TRK 1 551+00
321	XS-312	CROSS SECTIONS STA TRK 1 551+50 TO STA TRK 1 552+00
322	XS-313	CROSS SECTIONS STA TRK 1 552+50 TO STA TRK 1 553+00
323	XS-314	CROSS SECTIONS STA TRK 1 553+50 TO STA TRK 1 554+00
324	XS-315	CROSS SECTIONS STA TRK 1 554+50 TO STA TRK 1 555+00
325	XS-316	CROSS SECTIONS STA TRK 1 555+50 TO STA TRK 1 556+00
326	XS-317	CROSS SECTIONS STA TRK 1 556+50 TO STA TRK 1 557+00
327	XS-318	CROSS SECTIONS STA TRK 1 557+50 TO STA TRK 1 558+00
328	XS-319	CROSS SECTIONS STA TRK 1 558+50 TO STA TRK 1 559+00
329	XS-320	CROSS SECTIONS STA TRK 1 559+50 TO STA TRK 1 560+00
330	XS-321	CROSS SECTIONS STA TRK 1 560+50 TO STA TRK 1 561+00
331	XS-322	CROSS SECTIONS STA TRK 1 561+50 TO STA TRK 1 562+00
332	XS-323	CROSS SECTIONS STA TRK 1 562+50 TO STA TRK 1 563+00
333	XS-324	CROSS SECTIONS STA TRK 1 563+50 TO STA TRK 1 564+00
334	XS-325	CROSS SECTIONS STA TRK 1 564+50 TO STA TRK 1 565+00
335	XS-326	CROSS SECTIONS STA TRK 1 565+50 TO STA TRK 1 566+00
336	XS-327	CROSS SECTIONS STA TRK 1 566+50 TO STA TRK 1 567+00
337	XS-328	CROSS SECTIONS STA TRK 1 567+50 TO STA TRK 1 568+00
338	XS-329	CROSS SECTIONS STA TRK 1 568+50 TO STA TRK 1 569+00
339	XS-330	CROSS SECTIONS STA TRK 1 569+50 TO STA TRK 1 570+00
340	XS-331	CROSS SECTIONS STA TRK 1 570+50 TO STA TRK 1 571+00
341	XS-332	CROSS SECTIONS STA TRK 1 571+50 TO STA TRK 1 572+00
342	XS-333	CROSS SECTIONS STA TRK 1 572+50 TO STA TRK 1 573+00
343	XS-334	CROSS SECTIONS STA TRK 1 573+50 TO STA TRK 1 574+00
344	XS-335	CROSS SECTIONS STA TRK 1 574+50 TO STA TRK 1 575+00
345	XS-336	CROSS SECTIONS STA TRK 1 575+50 TO STA TRK 1 576+00
346	XS-337	CROSS SECTIONS STA TRK 1 576+50 TO STA TRK 1 577+00
347	XS-338	CROSS SECTIONS STA TRK 1 577+50 TO STA TRK 1 578+00
348	XS-339	CROSS SECTIONS STA TRK 1 578+50 TO STA TRK 1 579+00
349	XS-340	CROSS SECTIONS STA TRK 1 579+50 TO STA TRK 1 580+00
350	XS-341	CROSS SECTIONS STA TRK 1 580+50 TO STA TRK 1 581+00
351	XS-342	CROSS SECTIONS STA TRK 1 581+50 TO STA TRK 1 582+00
352	XS-343	CROSS SECTIONS STA TRK 1 582+50 TO STA TRK 1 583+00
353	XS-344	CROSS SECTIONS STA TRK 1 583+50 TO STA TRK 1 584+00
354	XS-345	CROSS SECTIONS STA TRK 1 584+50 TO STA TRK 1 585+00
355	XS-346	CROSS SECTIONS STA TRK 1 585+50 TO STA TRK 1 586+00
356	XS-347	CROSS SECTIONS STA TRK 1 586+50 TO STA TRK 1 587+00
357	XS-348	CROSS SECTIONS STA TRK 1 587+50 TO STA TRK 1 588+00
TRACK CROSS SECTIONS (CONTINUED)		
358	XS-349	CROSS SECTIONS STA TRK 1 588+50 TO STA TRK 1 589+00
359	XS-350	CROSS SECTIONS STA TRK 1 589+50 TO STA TRK 1 590+00
360	XS-351	CROSS SECTIONS STA TRK 1 590+50 TO STA TRK 1 590+50
361	XS-352	CROSS SECTIONS STA TRK 1 591+00 TO STA TRK 1 591+50
362	XS-353	CROSS SECTIONS STA TRK 1 592+00 TO STA TRK 1 592+50
363	XS-354	CROSS SECTIONS STA TRK 1 593+00 TO STA TRK 1 593+50
364	XS-355	CROSS SECTIONS STA TRK 1 594+00 TO STA TRK 1 594+50
365	XS-356	CROSS SECTIONS STA TRK 1 595+00 TO STA TRK 1 595+50
366	XS-357	CROSS SECTIONS STA TRK 1 596+00 TO STA TRK 1 596+50
367	XS-358	CROSS SECTIONS STA TRK 1 597+00 TO STA TRK 1 597+50
368	XS-359	CROSS SECTIONS STA TRK 1 598+00 TO STA TRK 1 598+50
369	XS-360	CROSS SECTIONS STA TRK 1 599+00 TO STA TRK 1 599+50
370	XS-361	CROSS SECTIONS STA TRK 1 600+00 TO STA TRK 1 600+50
371	XS-362	CROSS SECTIONS STA TRK 1 601+00 TO STA TRK 1 601+50
372	XS-363	CROSS SECTIONS STA TRK 1 602+00 TO STA TRK 1 602+50
373	XS-364	CROSS SECTIONS STA TRK 1 603+00 TO STA TRK 1 604+50
374	XS-365	CROSS SECTIONS STA TRK 1 605+00 TO STA TRK 1 606+50
375	XS-366	CROSS SECTIONS STA TRK 1 607+00 TO STA TRK 1 608+50
376	XS-367	CROSS SECTIONS STA TRK 1 609+00 TO STA TRK 1 610+50
377	XS-368	CROSS SECTIONS STA TRK 1 611+00 TO STA TRK 1 612+50
378	XS-369	CROSS SECTIONS STA TRK 1 613+00 TO STA TRK 1 614+50
379	XS-370	CROSS SECTIONS STA TRK 1 615+00 TO STA TRK 1 616+50
380	XS-371	CROSS SECTIONS STA TRK 1 617+00 TO STA TRK 1 618+50
381	XS-372	CROSS SECTIONS STA TRK 1 619+00 TO STA TRK 1 620+50
382	XS-373	CROSS SECTIONS STA TRK 1 621+00 TO STA TRK 1 622+50
383	XS-374	CROSS SECTIONS STA TRK 1 623+00 TO STA TRK 1 624+50
384	XS-375	CROSS SECTIONS STA TRK 1 625+00 TO STA TRK 1 626+50
385	XS-376	CROSS SECTIONS STA TRK 1 627+00 TO STA TRK 1 628+50
386	XS-377	CROSS SECTIONS STA TRK 1 629+00 TO STA TRK 1 630+50
387	XS-378	CROSS SECTIONS STA TRK 1 631+00 TO STA TRK 1 632+50
388	XS-379	CROSS SECTIONS STA TRK 1 633+00 TO STA TRK 1 634+50
389	XS-380	CROSS SECTIONS STA TRK 1 635+00 TO STA TRK 1 636+50
390	XS-381	CROSS SECTIONS STA TRK 1 637+00 TO STA TRK 1 638+50
391	XS-382	CROSS SECTIONS STA TRK 1 639+00 TO STA TRK 1 640+50
392	XS-383	CROSS SECTIONS STA TRK 1 641+00 TO STA TRK 1 642+50
393	XS-384	CROSS SECTIONS STA TRK 1 643+00 TO STA TRK 1 644+50
394	XS-385	CROSS SECTIONS STA TRK 1 645+00 TO STA TRK 1 646+50
395	XS-386	CROSS SECTIONS STA TRK 1 647+00 TO STA TRK 1 648+50
396	XS-387	CROSS SECTIONS STA TRK 1 649+00 TO STA TRK 1 650+50
397	XS-388	CROSS SECTIONS STA TRK 1 651+00 TO STA TRK 1 652+50
398	XS-389	CROSS SECTIONS STA TRK 1 653+00 TO STA TRK 1 654+50
399	XS-390	CROSS SECTIONS STA TRK 1 655+00 TO STA TRK 1 656+50
400	XS-391	CROSS SECTIONS STA TRK 1 657+00 TO STA TRK 1 658+50
401	XS-392	CROSS SECTIONS STA TRK 1 659+00 TO STA TRK 1 660+50
402	XS-393	CROSS SECTIONS STA TRK 1 661+00 TO STA TRK 1 662+50
403	XS-394	CROSS SECTIONS STA TRK 1 663+00 TO STA TRK 1 664+50
404	XS-395	CROSS SECTIONS STA TRK 1 665+00 TO STA TRK 1 666+50
405	XS-396	CROSS SECTIONS STA TRK 1 667+00 TO STA TRK 1 668+00
406	XS-397	CROSS SECTIONS STA TRK 1 668+50 TO STA TRK 1 670+00
407	XS-398	CROSS SECTIONS STA TRK 1 670+50 TO STA TRK 1 672+00
408	XS-399	CROSS SECTIONS STA TRK 1 672+50 TO STA TRK 1 674+00
409	XS-400	CROSS SECTIONS STA TRK 1 674+50 TO STA TRK 1 676+00
410	XS-401	CROSS SECTIONS STA TRK 1 676+50 TO STA TRK 1 678+00
411	XS-402	CROSS SECTIONS STA TRK 1 678+50 TO STA TRK 1 680+00
412	XS-403	CROSS SECTIONS STA TRK 1 680+50 TO STA TRK 1 682+00
413	XS-404	CROSS SECTIONS STA TRK 1 682+50 TO STA TRK 1 684+00
414	XS-405	CROSS SECTIONS STA TRK 1 684+50 TO STA TRK 1 686+00
415	XS-406	CROSS SECTIONS STA TRK 1 686+50 TO STA TRK 1 688+00
416	XS-407	CROSS SECTIONS STA TRK 1 688+50 TO STA TRK 1 690+00
417	XS-408	CROSS SECTIONS STA TRK 1 690+50 TO STA TRK 1 692+00
418	XS-409	CROSS SECTIONS STA TRK 1 692+50 TO STA TRK 1 694+00
419	XS-410	CROSS SECTIONS STA TRK 1 694+50 TO STA TRK 1 696+00
420	XS-411	CROSS SECTIONS STA TRK 1 696+50 TO STA TRK 1 698+00
421	XS-412	CROSS SECTIONS STA TRK 1 698+50 TO STA TRK 1 700+00
422	XS-413	CROSS SECTIONS STA TRK 1 700+50 TO STA TRK 1 702+00
423	XS-414	CROSS SECTIONS STA TRK 1 702+50 TO STA TRK 1 704+00
424	XS-415	CROSS SECTIONS STA TRK 1 704+50 TO STA TRK 1 705+00
425	XS-416	CROSS SECTIONS STA TRK 1 705+50 TO STA TRK 1 707+00
426	XS-417	CROSS SECTIONS STA TRK 1 707+50 TO STA TRK 1 709+00
427	XS-418	CROSS SECTIONS STA TRK 1 709+50 TO STA TRK 1 711+00
428	XS-419	CROSS SECTIONS STA TRK 1 711+50 TO STA TRK 1 713+00
429	XS-420	CROSS SECTIONS STA TRK 1 713+50 TO STA TRK 1 715+00

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. _____ Expiration Date _____

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

INDEX OF SHEETS – VOLUME 2
SHEET 2

DATE: DECEMBER 2013 SCALE: NONE

CONTRACT NO. T-1042-0220
DRAWING NO. GI-2102
SHEET NO. 7 OF 736

c:\pwworking\mtapw\ala-thomas antony\d0131990\1042pl12001.DGN
12/11/2013

INDEX OF DRAWINGS - VOLUME 2

SHEET NO.	DWG. NO.	DESCRIPTION
TRACK CROSS SECTIONS (CONTINUED)		
430	XS-421	CROSS SECTIONS STA TRK 1 715+50 TO STA TRK 1 716+00
431	XS-422	CROSS SECTIONS STA TRK 1 716+50 TO STA TRK 1 717+00
432	XS-423	CROSS SECTIONS STA TRK 1 717+50 TO STA TRK 1 719+00
433	XS-424	CROSS SECTIONS STA TRK 1 719+50 TO STA TRK 1 721+00
434	XS-425	CROSS SECTIONS STA TRK 1 721+50 TO STA TRK 1 723+00
435	XS-426	CROSS SECTIONS STA TRK 1 723+50 TO STA TRK 1 725+00
436	XS-427	CROSS SECTIONS STA TRK 1 725+50 TO STA TRK 1 727+00
437	XS-428	CROSS SECTIONS STA TRK 1 727+50 TO STA TRK 1 729+00
438	XS-429	CROSS SECTIONS STA TRK 1 729+50 TO STA TRK 1 731+00
439	XS-430	CROSS SECTIONS STA TRK 1 731+50 TO STA TRK 1 733+00
440	XS-431	CROSS SECTIONS STA TRK 1 733+50 TO STA TRK 1 735+00
441	XS-432	CROSS SECTIONS STA TRK 1 735+50 TO STA TRK 1 737+00
442	XS-433	CROSS SECTIONS STA TRK 1 737+50 TO STA TRK 1 739+00
443	XS-434	CROSS SECTIONS STA TRK 1 739+50 TO STA TRK 1 741+00
444	XS-435	CROSS SECTIONS STA TRK 1 741+50 TO STA TRK 1 743+00
445	XS-436	CROSS SECTIONS STA TRK 1 743+50 TO STA TRK 1 745+00
446	XS-437	CROSS SECTIONS STA TRK 1 745+50 TO STA TRK 1 747+00
447	XS-438	CROSS SECTIONS STA TRK 1 747+50 TO STA TRK 1 749+00
448	XS-439	CROSS SECTIONS STA TRK 1 749+50 TO STA TRK 1 751+00
449	XS-440	CROSS SECTIONS STA TRK 1 751+50 TO STA TRK 1 752+00
450	XS-441	CROSS SECTIONS STA TRK 1 752+50 TO STA TRK 1 753+50
451	XS-442	CROSS SECTIONS STA TRK 1 754+00 TO STA TRK 1 755+00
452	XS-443	CROSS SECTIONS STA TRK 1 755+50 TO STA TRK 1 756+50
453	XS-444	CROSS SECTIONS STA TRK 1 757+00 TO STA TRK 1 758+50
454	XS-445	CROSS SECTIONS STA TRK 1 759+00 TO STA TRK 1 760+50
455	XS-446	CROSS SECTIONS STA TRK 1 761+00 TO STA TRK 1 762+50
456	XS-447	CROSS SECTIONS STA TRK 1 763+00 TO STA TRK 1 764+50
457	XS-448	CROSS SECTIONS STA TRK 1 765+00 TO STA TRK 1 766+50
458	XS-449	CROSS SECTIONS STA TRK 1 767+00 TO STA TRK 1 768+50
459	XS-450	CROSS SECTIONS STA TRK 1 769+00 TO STA TRK 1 770+50
460	XS-451	CROSS SECTIONS STA TRK 1 771+00 TO STA TRK 1 772+50
461	XS-452	CROSS SECTIONS STA TRK 1 773+00 TO STA TRK 1 774+50
462	XS-453	CROSS SECTIONS STA TRK 1 775+00 TO STA TRK 1 776+50
463	XS-454	CROSS SECTIONS STA TRK 1 777+00 TO STA TRK 1 778+50
464	XS-455	CROSS SECTIONS STA TRK 1 779+00 TO STA TRK 1 779+50
465	XS-456	CROSS SECTIONS STA TRK 1 780+00 TO STA TRK 1 780+50
466	XS-457	CROSS SECTIONS STA TRK 1 781+00 TO STA TRK 1 781+50
467	XS-458	CROSS SECTIONS STA TRK 1 782+00 TO STA TRK 1 782+50
468	XS-459	CROSS SECTIONS STA TRK 1 783+00
469	XS-460	CROSS SECTIONS STA TRK 1 783+50
470	XS-461	CROSS SECTIONS STA TRK 1 784+00
471	XS-462	CROSS SECTIONS STA TRK 1 784+50
472	XS-463	CROSS SECTIONS STA TRK 1 785+00
473	XS-464	CROSS SECTIONS STA TRK 1 785+50
474	XS-465	CROSS SECTIONS STA TRK 1 786+00 TO STA TRK 1 786+50
475	XS-466	CROSS SECTIONS STA TRK 1 787+00 TO STA TRK 1 787+50
476	XS-467	CROSS SECTIONS STA TRK 1 788+00 TO STA TRK 1 788+50
477	XS-468	CROSS SECTIONS STA TRK 1 789+00 TO STA TRK 1 789+50
478	XS-469	CROSS SECTIONS STA TRK 1 790+00 TO STA TRK 1 790+50
479	XS-470	CROSS SECTIONS STA TRK 1 791+00 TO STA TRK 1 791+50
480	XS-471	CROSS SECTIONS STA TRK 1 792+00
481	XS-472	CROSS SECTIONS STA TRK 1 792+50 TO STA TRK 1 794+00
482	XS-473	CROSS SECTIONS STA TRK 1 794+50 TO STA TRK 1 796+00
483	XS-474	CROSS SECTIONS STA TRK 1 796+50 TO STA TRK 1 798+00
484	XS-475	CROSS SECTIONS STA TRK 1 798+50 TO STA TRK 1 800+00
485	XS-476	CROSS SECTIONS STA TRK 1 800+50 TO STA TRK 1 802+00
486	XS-477	CROSS SECTIONS STA TRK 1 802+50 TO STA TRK 1 804+00
487	XS-478	CROSS SECTIONS STA TRK 1 804+50 TO STA TRK 1 806+00
488	XS-479	CROSS SECTIONS STA TRK 1 806+50 TO STA TRK 1 808+00
489	XS-480	CROSS SECTIONS STA TRK 1 808+50 TO STA TRK 1 810+00
490	XS-481	CROSS SECTIONS STA TRK 1 810+50 TO STA TRK 1 812+00
491	XS-482	CROSS SECTIONS STA TRK 1 812+50 TO STA TRK 1 814+00
492	XS-483	CROSS SECTIONS STA TRK 1 814+50 TO STA TRK 1 816+00
493	XS-484	CROSS SECTIONS STA TRK 1 816+50 TO STA TRK 1 818+00
494	XS-485	CROSS SECTIONS STA TRK 1 818+50 TO STA TRK 1 820+00
495	XS-486	CROSS SECTIONS STA TRK 1 820+50 TO STA TRK 1 822+00
496	XS-487	CROSS SECTIONS STA TRK 1 822+50 TO STA TRK 1 824+00
497	XS-488	CROSS SECTIONS STA TRK 1 824+50 TO STA TRK 1 826+00
498	XS-489	CROSS SECTIONS STA TRK 1 826+50 TO STA TRK 1 827+00
499	XS-490	CROSS SECTIONS STA TRK 1 827+50 TO STA TRK 1 828+00
500	XS-491	CROSS SECTIONS STA TRK 1 828+50 TO STA TRK 1 829+00
501	XS-492	CROSS SECTIONS STA TRK 1 829+50 TO STA TRK 1 830+00

SHEET NO.	DWG. NO.	DESCRIPTION
TRACK CROSS SECTIONS (CONTINUED)		
502	XS-493	CROSS SECTIONS STA TRK 1 830+50 TO STA TRK 1 831+00
503	XS-494	CROSS SECTIONS STA TRK 1 831+50 TO STA TRK 1 832+00
504	XS-495	CROSS SECTIONS STA TRK 1 832+50 TO STA TRK 1 833+00
505	XS-496	CROSS SECTIONS STA TRK 1 833+50 TO STA TRK 1 834+00
506	XS-497	CROSS SECTIONS STA TRK 1 834+50 TO STA TRK 1 835+00
507	XS-498	CROSS SECTIONS STA TRK 1 835+50 TO STA TRK 1 836+00
508	XS-499	CROSS SECTIONS STA TRK 1 836+50 TO STA TRK 1 837+00
509	XS-500	CROSS SECTIONS STA TRK 1 837+50 TO STA TRK 1 838+00
510	XS-501	CROSS SECTIONS STA TRK 1 838+50 TO STA TRK 1 839+00
511	XS-502	CROSS SECTIONS STA TRK 1 839+50 TO STA TRK 1 840+00
512	XS-503	CROSS SECTIONS STA TRK 1 840+50 TO STA TRK 1 841+00
513	XS-504	CROSS SECTIONS STA TRK 1 841+50 TO STA TRK 1 842+00
514	XS-505	CROSS SECTIONS STA TRK 1 842+50 TO STA TRK 1 843+00
515	XS-506	CROSS SECTIONS STA TRK 1 843+50 TO STA TRK 1 844+00
516	XS-507	CROSS-SECTIONS STA TRK 1 844+50 TO STA TRK 1 846+00
517	XS-508	CROSS SECTIONS STA TRK 1 846+50 TO STA TRK 1 848+00
518	XS-509	CROSS SECTIONS STA TRK 1 848+50 TO STA TRK 1 850+00
519	XS-510	CROSS SECTIONS STA TRK 1 850+50 TO STA TRK 1 852+00
520	XS-511	CROSS SECTIONS STA TRK 1 852+50 TO STA TRK 1 854+00
521	XS-512	CROSS SECTIONS STA TRK 1 854+50 TO STA TRK 1 856+00
522	XS-513	CROSS SECTIONS STA TRK 1 856+50 TO STA TRK 1 858+00
523	XS-514	CROSS SECTIONS STA TRK 1 858+50 TO STA TRK 1 860+00
524	XS-515	CROSS SECTIONS STA TRK 1 860+50 TO STA TRK 1 862+00
525	XS-516	CROSS SECTIONS STA TRK 1 862+50 TO STA TRK 1 864+00
526	XS-517	CROSS SECTIONS STA TRK 1 864+50 TO STA TRK 1 866+00
527	XS-518	CROSS SECTIONS STA TRK 1 866+50 TO STA TRK 1 868+00
528	XS-519	CROSS SECTIONS STA TRK 1 868+50 TO STA TRK 1 870+00
529	XS-520	CROSS SECTIONS STA TRK 1 870+50 TO STA TRK 1 872+00
530	XS-521	CROSS SECTIONS STA TRK 1 872+50 TO STA TRK 1 874+00
531	XS-522	CROSS SECTIONS STA TRK 1 874+50 TO STA TRK 1 876+00
532	XS-523	CROSS SECTIONS STA TRK 1 876+50 TO STA TRK 1 877+50
533	XS-524	CROSS SECTIONS STA TRK 1 878+00 TO STA TRK 1 879+00
534	XS-525	CROSS SECTIONS STA TRK 1 879+50 TO STA TRK 1 881+00
535	XS-526	CROSS SECTIONS STA TRK 1 881+50 TO STA TRK 1 883+00
536	XS-527	CROSS SECTIONS STA TRK 1 883+50 TO STA TRK 1 885+00
537	XS-528	CROSS SECTIONS STA TRK 1 885+50 TO STA TRK 1 887+00
538	XS-529	CROSS SECTIONS STA TRK 1 887+50 TO STA TRK 1 889+00
539	XS-530	CROSS SECTIONS STA TRK 1 889+50 TO STA TRK 1 891+00
540	XS-531	CROSS SECTIONS STA TRK 1 891+50 TO STA TRK 1 893+00
541	XS-532	CROSS SECTIONS STA TRK 1 893+50 TO STA TRK 1 895+00
542	XS-533	CROSS SECTIONS STA TRK 1 895+50 TO STA TRK 1 897+00
543	XS-534	CROSS SECTIONS STA TRK 1 897+50 TO STA TRK 1 899+00
544	XS-535	CROSS SECTIONS STA TRK 1 899+50 TO STA TRK 1 901+00
545	XS-536	CROSS SECTIONS STA TRK 1 901+50 TO STA TRK 1 903+00
546	XS-537	CROSS SECTIONS STA TRK 1 903+50 TO STA TRK 1 905+00
547	XS-538	CROSS SECTIONS STA TRK 1 905+50 TO STA TRK 1 907+00
548	XS-539	CROSS SECTIONS STA TRK 1 907+50 TO STA TRK 1 909+00
549	XS-540	CROSS SECTIONS STA TRK 1 909+50 TO STA TRK 1 911+00
550	XS-541	CROSS SECTIONS STA TRK 1 911+50 TO STA TRK 1 912+00
551	XS-542	CROSS SECTIONS STA TRK 1 912+50 TO STA TRK 1 913+50
552	XS-543	CROSS SECTIONS STA TRK 1 914+00 TO STA TRK 1 915+50
553	XS-544	CROSS SECTIONS STA TRK 1 916+00 TO STA TRK 1 917+50
554	XS-545	CROSS SECTIONS STA TRK 1 918+00 TO STA TRK 1 919+50
555	XS-546	CROSS SECTIONS STA TRK 1 920+00 TO STA TRK 1 921+50
556	XS-547	CROSS SECTIONS STA TRK 1 922+00 TO STA TRK 1 923+50
557	XS-548	CROSS SECTIONS STA TRK 1 924+00 TO STA TRK 1 925+50
558	XS-549	CROSS SECTIONS STA TRK 1 926+00 TO STA TRK 1 927+50
559	XS-550	CROSS SECTIONS STA TRK 1 928+00 TO STA TRK 1 929+50
560	XS-551	CROSS SECTIONS STA TRK 1 930+00 TO STA TRK 1 931+50
561	XS-552	CROSS SECTIONS STA TRK 1 932+00 TO STA TRK 1 933+50
562	XS-553	CROSS SECTIONS STA TRK 1 934+00 TO STA TRK 1 935+50
563	XS-554	CROSS SECTIONS STA TRK 1 936+00 TO STA TRK 1 937+50
564	XS-555	CROSS SECTIONS STA TRK 1 938+00 TO STA TRK 1 939+50
565	XS-556	CROSS SECTIONS STA TRK 1 940+00 TO STA TRK 1 941+50
566	XS-557	CROSS SECTIONS STA TRK 1 942+00 TO STA TRK 1 943+50
567	XS-558	CROSS SECTIONS STA TRK 1 944+00 TO STA TRK 1 945+50
568	XS-559	CROSS SECTIONS STA TRK 1 946+00 TO STA TRK 1 947+50
569	XS-560	CROSS SECTIONS STA TRK 1 948+00 TO STA TRK 1 949+50
570	XS-561	CROSS SECTIONS STA TRK 1 950+00 TO STA TRK 1 950+50
571	XS-562	CROSS SECTIONS STA TRK 1 951+00 TO STA TRK 1 951+50
572	XS-563	CROSS SECTIONS STA TRK 1 952+00 TO STA TRK 1 952+50
573	XS-564	CROSS SECTIONS STA TRK 1 953+00 TO STA TRK 1 953+50

SHEET NO.	DWG. NO.	DESCRIPTION
TRACK CROSS SECTIONS (CONTINUED))		
574	XS-565	CROSS SECTIONS STA TRK 1 954+00 TO STA TRK 1 954+50
575	XS-566	CROSS SECTIONS STA TRK 1 955+00 TO STA TRK 1 955+50
576	XS-567	CROSS SECTIONS STA TRK 1 956+00 TO STA TRK 1 956+50
577	XS-568	CROSS SECTIONS STA TRK 1 957+00 TO STA TRK 1 957+50
578	XS-569	CROSS SECTIONS STA TRK 1 958+00 TO STA TRK 1 958+50
579	XS-570	CROSS SECTIONS STA TRK 1 959+00 TO STA TRK 1 959+50
580	XS-571	CROSS SECTIONS STA TRK 1 960+00 TO STA TRK 1 960+50
581	XS-572	CROSS SECTIONS STA TRK 1 961+00 TO STA TRK 1 961+50
582	XS-573	CROSS SECTIONS STA TRK 1 962+00 TO STA TRK 1 962+50
583	XS-574	CROSS SECTIONS STA TRK 1 963+00
584	XS-575	CROSS SECTIONS STA TRK 9 901+00 TO STA TRK 9 902+00
585	XS-576	CROSS SECTIONS STA TRK 9 903+00 TO STA TRK 9 904+00
586	XS-577	CROSS SECTIONS STA TRK 9 905+00 TO STA TRK 9 906+00
587	XS-578	CROSS SECTIONS STA TRK 9 907+00 TO STA TRK 9 908+00
588	XS-579	CROSS SECTIONS STA TRK 9 909+00 TO STA TRK 9 910+00
589	XS-580	CROSS SECTIONS STA TRK 9 911+00 TO STA TRK 9 912+00
590	XS-581	CROSS SECTIONS STA TRK 9 913+00 TO STA TRK 9 914+00
591	XS-582	CROSS SECTIONS STA TRK 9 915+00 TO STA TRK 9 916+00
592	XS-583	CROSS SECTIONS STA TRK 9 917+00 TO STA TRK 9 918+00
593	XS-584	CROSS SECTIONS STA TRK 9 919+00 TO STA TRK 9 920+00
594	XS-585	CROSS SECTIONS STA TRK 9 921+00
TRACK CROSS SECTIONS - DRIVEWAYS		
595	XS-586	DRIVEWAY CROSS SECTIONS STA TRK 1 359+45 TO STA TRK 1 361+33
596	XS-587	DRIVEWAY CROSS SECTIONS STA TRK 1 362+11 TO STA TRK 1 365+37
597	XS-588	DRIVEWAY CROSS SECTIONS STA TRK 1 365+82 TO STA TRK 1 367+52
598	XS-589	DRIVEWAY CROSS SECTIONS STA TRK 1 368+04 TO STA TRK 1 371+61
599	XS-590	DRIVEWAY CROSS SECTIONS STA TRK 1 374+97 TO STA TRK 1 376+99
600	XS-591	DRIVEWAY CROSS SECTIONS STA TRK 1 379+13 TO STA TRK 1 385+42
601	XS-592	DRIVEWAY CROSS SECTIONS STA TRK 1 385+57 TO STA TRK 1 388+02
602	XS-593	DRIVEWAY CROSS SECTIONS STA TRK 1 389+05 TO STA TRK 1 392+44
603	XS-594	DRIVEWAY CROSS SECTIONS STA TRK 1 393+34 TO STA TRK 1 403+31
604	XS-595	DRIVEWAY CROSS SECTIONS STA TRK 1 424+00 TO STA TRK 1 437+86
605	XS-596	DRIVEWAY CROSS SECTIONS STA TRK 1 441+06 TO STA TRK 1 443+62
606	XS-597	DRIVEWAY CROSS SECTIONS STA TRK 1 444+49 TO STA TRK 1 444+99
607	XS-598	DRIVEWAY CROSS SECTIONS STA TRK 1 445+49 TO STA TRK 1 448+39
608	XS-599	DRIVEWAY CROSS SECTIONS STA TRK 1 449+50 TO STA TRK 1 449+80
609	XS-600	DRIVEWAY CROSS SECTIONS STA TRK 1 452+70 TO STA TRK 1 455+85
610	XS-601	DRIVEWAY CROSS SECTIONS STA TRK 1 456+70 TO STA TRK 1 457+25
611	XS-602	DRIVEWAY CROSS SECTIONS STA TRK 1 460+20 TO STA TRK 1 460+70
612	XS-603	DRIVEWAY CROSS SECTIONS STA TRK 1 464+25 TO STA TRK 1 465+80
613	XS-604	DRIVEWAY CROSS SECTIONS STA TRK 1 466+30 TO STA TRK 1 466+70
614	XS-605	DRIVEWAY CROSS SECTIONS STA TRK 1 467+25 TO STA TRK 1 468+20
615	XS-606	DRIVEWAY CROSS SECTIONS STA TRK 1 469+80 TO STA TRK 1 470+80
616	XS-607	DRIVEWAY CROSS SECTIONS STA TRK 1 471+50 TO STA TRK 1 472+30
617	XS-608	DRIVEWAY CROSS SECTIONS STA TRK 1 473+50 TO STA TRK 1 476+30
618	XS-609	DRIVEWAY CROSS SECTIONS STA TRK 1 478+50 TO STA TRK 1 480+75
619	XS-610	DRIVEWAY CROSS SECTIONS STA TRK 1 482+85 TO STA TRK 1 484+30
620	XS-611	DRIVEWAY CROSS SECTIONS STA TRK 1 485+30 TO STA TRK 1 485+70
621	XS-612	DRIVEWAY CROSS SECTIONS STA TRK 1 487+00 TO STA TRK 1 487+75
622	XS-613	DRIVEWAY CROSS SECTIONS STA TRK 1 490+70 TO STA TRK 1 496+00
623	XS-614	DRIVEWAY CROSS SECTIONS STA TRK 1 498+75 TO STA TRK 1 499+30
624	XS-615	DRIVEWAY CROSS SECTIONS STA TRK 1 502+25 TO STA TRK 1 502+75
625	XS-616	DRIVEWAY CROSS SECTIONS STA TRK 1 505+80 TO STA TRK 1 507+70
626	XS-617	DRIVEWAY CROSS SECTIONS STA TRK 1 509+20 TO STA TRK 1 513+20
627	XS-618	DRIVEWAY CROSS SECTIONS STA TRK 1 514+25 TO STA TRK 1 517+50
628	XS-619	DRIVEWAY CROSS SECTIONS STA TRK 1 520+70 TO STA TRK 1 523+20
629	XS-620	DRIVEWAY CROSS SECTIONS STA TRK 1 523+80 TO STA TRK 1 526+00
630	XS-621	DRIVEWAY CROSS SECTIONS STA TRK 1 528+30 TO STA TRK 1 528+75
631	XS-622	DRIVEWAY CROSS SECTIONS STA TRK 1 529+30 TO STA TRK 1 529+75
632	XS-623	DRIVEWAY CROSS SECTIONS STA TRK 1 531+65 TO STA TRK 1 532+75
633	XS-624	DRIVEWAY CROSS SECTIONS STA TRK 1 535+80 TO STA TRK 1 537+75
634	XS-625	DRIVEWAY CROSS SECTIONS STA TRK 1 540+30 TO STA TRK 1 540+70
635	XS-626	DRIVEWAY CROSS SECTIONS STA TRK 1 542+20 TO STA TRK 1 544+75
636	XS-627	DRIVEWAY CROSS SECTIONS STA TRK 1 547+75 TO STA TRK 1 549+75
637	XS-628	DRIVEWAY CROSS SECTIONS STA TRK 1 551+75 TO STA TRK 1 553+30
638	XS-629	DRIVEWAY CROSS SECTIONS STA TRK 1 558+70 TO STA TRK 1 572+85
639	XS-630	DRIVEWAY CROSS SECTIONS STA TRK 1 582+75 TO STA TRK 1 584+70
640	XS-631	DRIVEWAY CROSS SECTIONS STA TRK 1 591+00 TO STA TRK 1 594+50
641	XS-632	DRIVEWAY CROSS SECTIONS STA TRK 1 596+60 TO STA TRK 1 597+35
642	XS-633	DRIVEWAY CROSS SECTIONS STA TRK 1 598+80 TO STA TRK 1 599+35

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. _____ Expiration Date _____

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

INDEX OF SHEETS – VOLUME 2
SHEET 3

DATE: DECEMBER 2013 SCALE: NONE

CONTRACT NO. T-1042-0220
DRAWING NO. GI-2103
SHEET NO. 8 OF 736

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12/11/2013

INDEX OF DRAWINGS - VOLUME 2

SHEET NO.	DWG. NO.	DESCRIPTION
TRACK CROSS SECTIONS - DRIVEWAYS (CONTINUED)		
643	XS-634	DRIVEWAY CROSS SECTIONS STA TRK 1 607+20 TO STA TRK 1 615+85
644	XS-635	DRIVEWAY CROSS SECTIONS STA TRK 1 620+20 TO STA TRK 1 623+00
645	XS-636	DRIVEWAY CROSS SECTIONS STA TRK 1 627+50 TO STA TRK 1 630+80
646	XS-637	DRIVEWAY CROSS SECTIONS STA TRK 1 638+95 TO STA TRK 1 641+50
647	XS-638	DRIVEWAY CROSS SECTIONS STA TRK 1 649+30 TO STA TRK 1 653+89
648	XS-639	DRIVEWAY CROSS SECTIONS STA TRK 1 659+00 TO STA TRK 1 663+22
649	XS-640	DRIVEWAY CROSS SECTIONS STA TRK 1 665+25 TO STA TRK 1 681+10
650	XS-641	DRIVEWAY CROSS SECTIONS STA TRK 1 693+50 TO STA TRK 1 720+80
651	XS-642	DRIVEWAY CROSS SECTIONS STA TRK 1 733+50 TO STA TRK 1 745+00
652	XS-643	DRIVEWAY CROSS SECTIONS STA TRK 1 760+80 TO STA TRK 1 761+50
653	XS-644	DRIVEWAY CROSS SECTIONS STA TRK 1 762+35 TO STA TRK 1 762+85
654	XS-645	DRIVEWAY CROSS SECTIONS STA TRK 1 763+60 TO STA TRK 1 764+50
655	XS-646	DRIVEWAY CROSS SECTIONS STA TRK 1 765+25 TO STA TRK 1 766+15
656	XS-647	DRIVEWAY CROSS SECTIONS STA TRK 1 766+80 TO STA TRK 1 768+15
657	XS-648	DRIVEWAY CROSS SECTIONS STA TRK 1 768+75 TO STA TRK 1 769+20
658	XS-649	DRIVEWAY CROSS SECTIONS STA TRK 1 768+60 TO STA TRK 1 771+00
659	XS-650	DRIVEWAY CROSS SECTIONS STA TRK 1 771+85 TO STA TRK 1 772+40
660	XS-651	DRIVEWAY CROSS SECTIONS STA TRK 1 773+00 TO STA TRK 1 773+25
661	XS-652	DRIVEWAY CROSS SECTIONS STA TRK 1 774+00 TO STA TRK 1 775+50
662	XS-653	DRIVEWAY CROSS SECTIONS STA TRK 1 777+25 TO STA TRK 1 777+75
663	XS-654	DRIVEWAY CROSS SECTIONS STA TRK 1 778+50 TO STA TRK 1 779+50
664	XS-655	DRIVEWAY CROSS SECTIONS STA TRK 1 780+00 TO STA TRK 1 782+00
665	XS-656	DRIVEWAY CROSS SECTIONS STA TRK 1 782+75 TO STA TRK 1 812+25
666	XS-657	DRIVEWAY CROSS SECTIONS STA TRK 1 821+00 TO STA TRK 1 826+00
667	XS-658	DRIVEWAY CROSS SECTIONS STA TRK 1 830+50 TO STA TRK 1 832+50
668	XS-659	DRIVEWAY CROSS SECTIONS STA TRK 1 837+00 TO STA TRK 1 841+00
669	XS-660	DRIVEWAY CROSS SECTIONS STA TRK 1 842+50 TO STA TRK 1 887+00
670	XS-661	DRIVEWAY CROSS SECTIONS STA TRK 1 903+50 TO STA TRK 1 904+00
671	XS-662	DRIVEWAY CROSS SECTIONS STA TRK 1 923+00 TO STA TRK 1 935+25
672	XS-663	DRIVEWAY CROSS SECTIONS STA TRK 1 945+50 TO STA TRK 1 947+20
ROADWAY CROSS SECTIONS		
673	XS-664	CROSS SECTIONS - NEWDALE RD STA 1010+10 TO STA 1012+50
674	XS-665	CROSS SECTIONS - NEWDALE RD STA 1013+00 TO STA 1015+50
675	XS-666	CROSS SECTIONS - NEWDALE RD STA 1016+00 TO STA 1016+50
676	XS-667	CROSS SECTIONS - JONES MILL RD STA 1030+84 TO STA 1033+00
677	XS-668	CROSS SECTIONS - JONES MILL RD STA 1033+50 TO STA 1034+50
678	XS-669	CROSS SECTIONS - LYTTONSVILLE PL STA 1053+58 TO STA 1054+50
679	XS-670	CROSS SECTIONS - LYTTONSVILLE PL STA 1055+00 TO STA 1056+50
680	XS-671	CROSS SECTIONS - LYTTONSVILLE PL STA 1057+00 TO STA 1058+50
681	XS-672	CROSS SECTIONS - BROOKVILLE RD STA 1601+00 TO STA 1603+50
682	XS-673	CROSS SECTIONS - BROOKVILLE RD STA 1604+00 TO STA 1606+50
683	XS-674	CROSS SECTIONS - BROOKVILLE RD STA 1607+00 TO STA 1609+50
684	XS-675	CROSS SECTIONS - BROOKVILLE RD STA 1610+00 TO STA 1612+50
685	XS-676	CROSS SECTIONS - BROOKVILLE RD STA 1613+00 TO STA 1614+00
686	XS-677	CROSS SECTIONS - STEWART AVE STA 2010+23 TO STA 2012+00
687	XS-678	CROSS SECTIONS - STEWART AVE STA 2012+50 TO STA 2015+00
688	XS-679	CROSS SECTIONS - CAMPANARO DRIVEWAY STA 2020+00 TO STA 2022+00
689	XS-680	CROSS SECTIONS - CAMPANARO DRIVEWAY STA 2022+50 TO STA 2025+00
690	XS-681	CROSS SECTIONS - CAMPANARO DRIVEWAY STA 2025+00 TO STA 2026+29
691	XS-682	CROSS SECTIONS - TALBOT AVE STA 2030+00 TO STA 2032+50
692	XS-683	CROSS SECTIONS - TALBOT AVE STA 2033+00 TO STA 2035+00
693	XS-684	CROSS SECTIONS - TALBOT AVE STA 2035+50 TO STA 2037+00
694	XS-685	CROSS SECTIONS - TALBOT AVE STA 2037+50 TO STA 2039+00
695	XS-686	CROSS SECTIONS - LANIER DR STA 2050+78 TO STA 2051+39
696	XS-687	CROSS SECTIONS - 4TH AVE STA 2060+00 TO STA 2061+50
697	XS-688	CROSS SECTIONS - 4TH AVE STA 2062+00 TO STA 2063+30
698	XS-689	CROSS SECTIONS - 16 ST STA 14+40 TO STA 15+50
699	XS-690	CROSS SECTIONS - 16 ST STA 16+00 TO STA 17+50
700	XS-691	CROSS SECTIONS - 16TH ST STA 18+00 TO STA 19+50
701	XS-692	CROSS SECTIONS - 16TH ST STA 20+00 TO STA 20+75
702	XS-693	CROSS SECTIONS - SPRING ST STA 2079+50 TO STA 2081+50
703	XS-694	CROSS SECTIONS - SPRING ST STA 2082+00 TO STA 2083+50
704	XS-695	CROSS SECTIONS - SPRING ST STA 2084+00 TO STA 2085+50
705	XS-696	CROSS SECTIONS - SPRING ST STA 2086+00 TO STA 2086+65
706	XS-697	CROSS SECTIONS - ACP ENTRANCE STA 8030+50 TO STA 8033+00
707	XS-698	CROSS SECTIONS - ACP ENTRANCE STA 8033+50 TO STA 8035+00
708	XS-699	CROSS SECTIONS - QUESADA RD CONN STA 8120+50 TO STA 8123+00
709	XS-700	CROSS SECTIONS - QUESADA ROAD STA 8500+50 TO STA 8503+00
710	XS-701	CROSS SECTIONS - QUESADA ROAD STA 8503+50 TO STA 8506+00
711	XS-702	CROSS SECTIONS - QUESADA ROAD STA 8506+50 TO STA 8508+72
ROADWAY CROSS SECTIONS (CONTINUED)		
712	XS-703	CROSS SECTIONS - MD 201 (KENILWORTH AVE) STA 8110+00 TO STA 8112+50
713	XS-704	CROSS SECTIONS - MD 201 (KENILWORTH AVE) STA 8113+00 TO STA 8114+00
714	XS-705	CROSS SECTIONS - MD 201 (KENILWORTH AVE) STA 8600+00 TO STA 8601+50
715	XS-706	CROSS SECTIONS - MD 201 (KENILWORTH AVE) STA 8602+00 TO STA 8604+00
716	XS-707	CROSS SECTIONS - MUSTANG DRIVE STA 8211+00 TO STA 8213+50
717	XS-708	CROSS SECTIONS - REFRESHING SPRINGS ENTR STA 8220+00 TO STA 8222+50
718	XS-709	CROSS SECTIONS - EASTPINE DRIVE STA 8251+00 TO STA 8253+50
719	XS-710	CROSS SECTIONS - EASTPINE DRIVE STA 8254+00 TO STA 8254+50
720	XS-711	CROSS SECTIONS - EASTPINES ENTRANCE STA 8360+50 TO STA 8361+50
721	XS-712	CROSS SECTIONS - MD 410 (RIVERDALE ROAD) STA 8710+00 TO STA 8712+50
722	XS-713	CROSS SECTIONS - MD 410 (RIVERDALE ROAD) STA 8713+00 TO STA 8715+50
723	XS-714	CROSS SECTIONS - MD 410 (RIVERDALE ROAD) STA 8716+00
724	XS-715	CROSS SECTIONS - ELLIN ROAD STA 9126+50 TO STA 9129+00
ROADWAY CROSS SECTIONS - DRIVEWAYS		
725	XS-716	DRIVEWAY CROSS SECTIONS - JONES MILL RD DRIVEWAY AT STA 1031+60
726	XS-717	DRIVEWAY CROSS SECTIONS - BROOKVILLE RD DRIVEWAY AT 1608+10
727	XS-718	DRIVEWAY CROSS SECTIONS - STEWART AVE DRIVEWAY AT 2011+71
728	XS-719	DRIVEWAY CROSS SECTIONS - TALBOT AVE DRIVEWAYS AT 2031+60, 2032+50, AND 2032+85
729	XS-720	DRIVEWAY CROSS SECTIONS - 4TH AVE DRIVEWAY AT 2060+60
730	XS-721	DRIVEWAY CROSS SECTIONS-QUESADA RD CONN STA 8122+10
731	XS-722	DRIVEWAY CROSS SECTIONS - QUESADA ROAD STA 8500+80 TO STA 8502+70
732	XS-723	DRIVEWAY CROSS SECTIONS - QUESADA ROAD STA 8503+85 TO STA 8507+80
733	XS-724	DRIVEWAY CROSS SECTIONS - MUSTANG DRIVE STA 8212+20 TO STA 8213+35
734	XS-725	DRIVEWAY CROSS SECTIONS - EASTPINE DRIVE STA 8254+00 TO STA 8254+75
735	XS-726	DRIVEWAY CROSS SECTIONS - MD 410 STA 8712+60 TO STA 8715+80
736	XS-727	DRIVEWAY CROSS SECTIONS - ELLIN ROAD STA 9127+70

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. _____ Expiration Date _____

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

INDEX OF SHEETS – VOLUME 2
SHEET 4

DATE: DECEMBER 2013 SCALE: NONE

CONTRACT NO. T-1042-0220

DRAWING NO. GI-2104

SHEET NO. 9 OF 736

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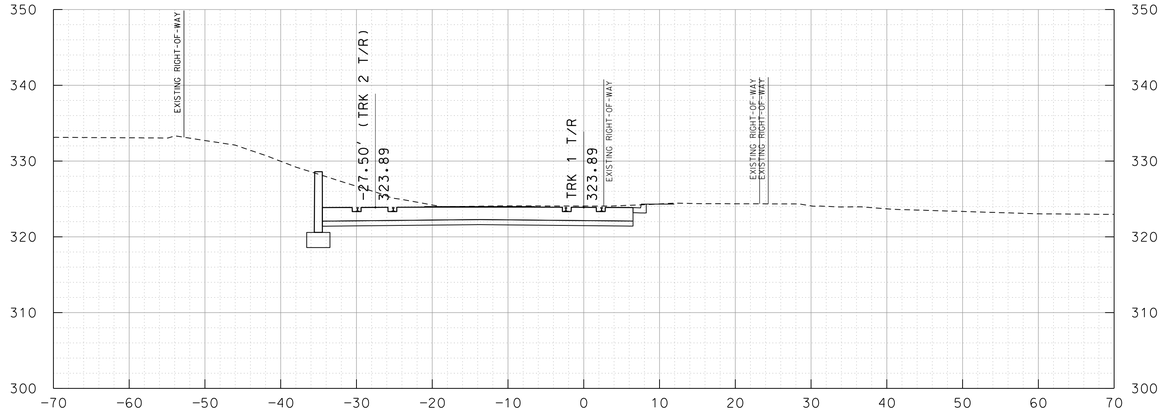
12/18/2013



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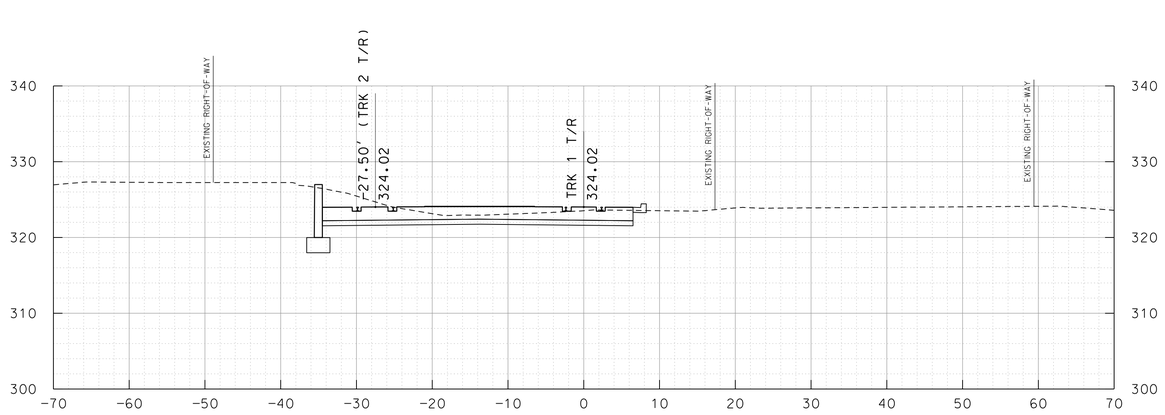

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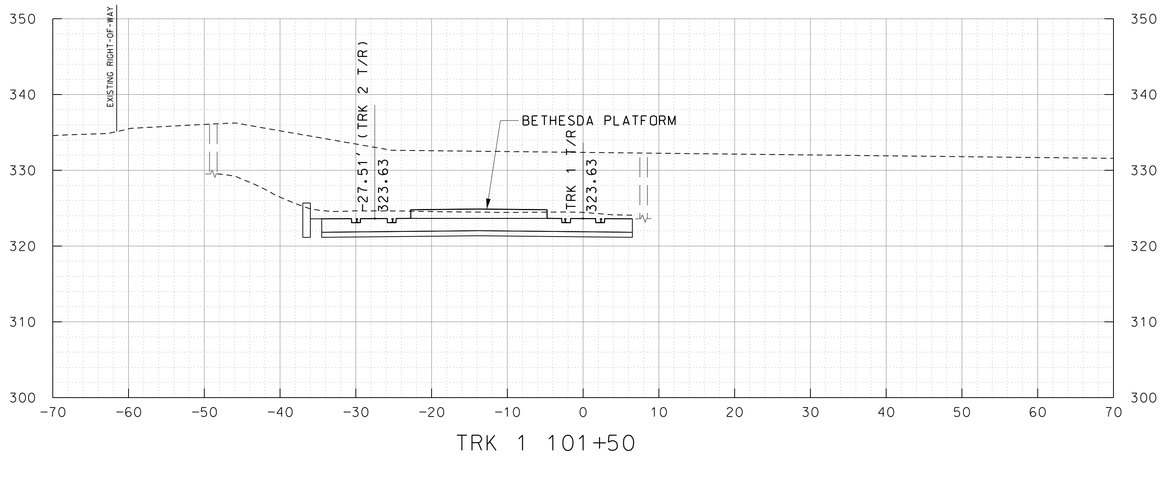

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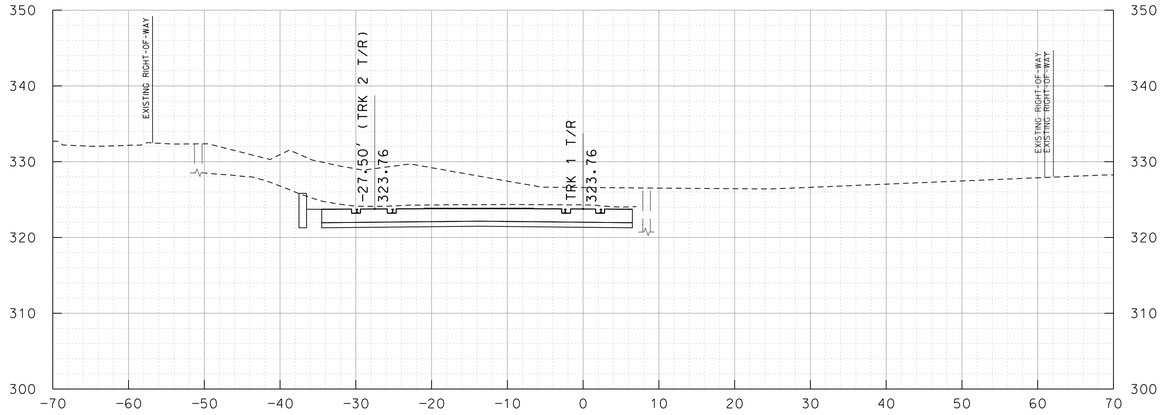

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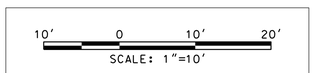

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION

MTA Maryland

Gannett Fleming

WR&A

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DESIGN

DRAWN

CHECK

APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 100+00 TO STA TRK 1 101+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-001

SHEET NO. 10 OF 736

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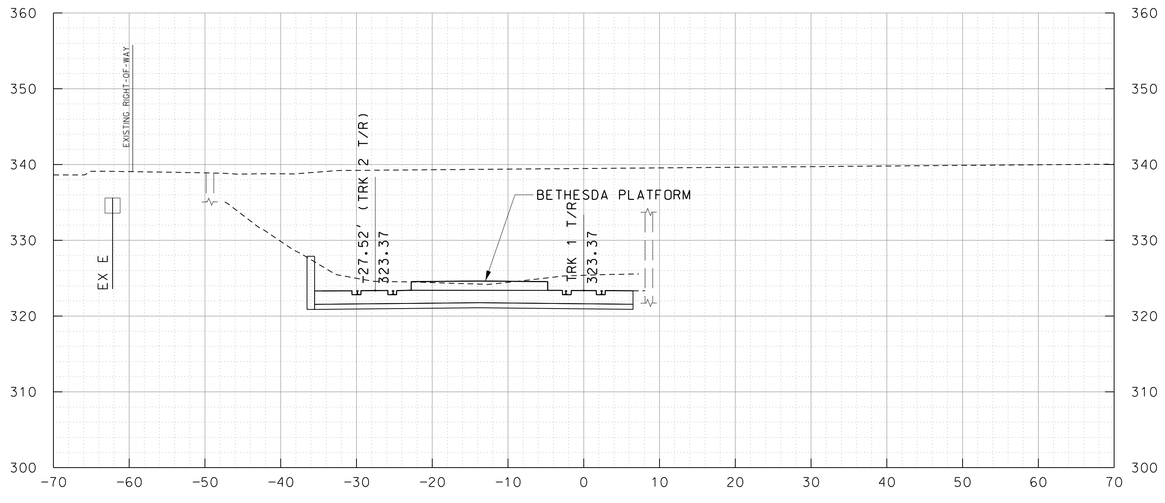
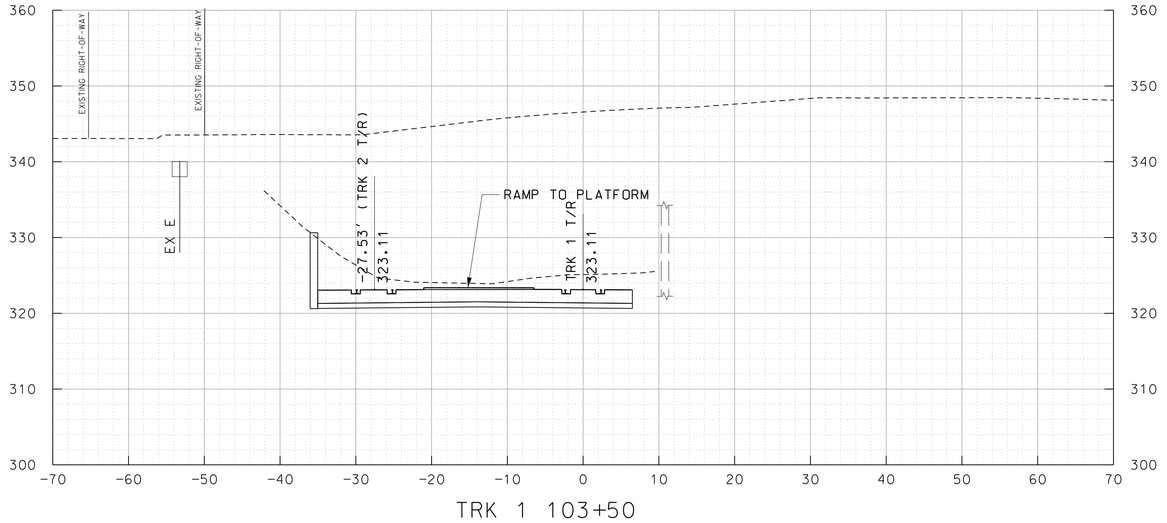
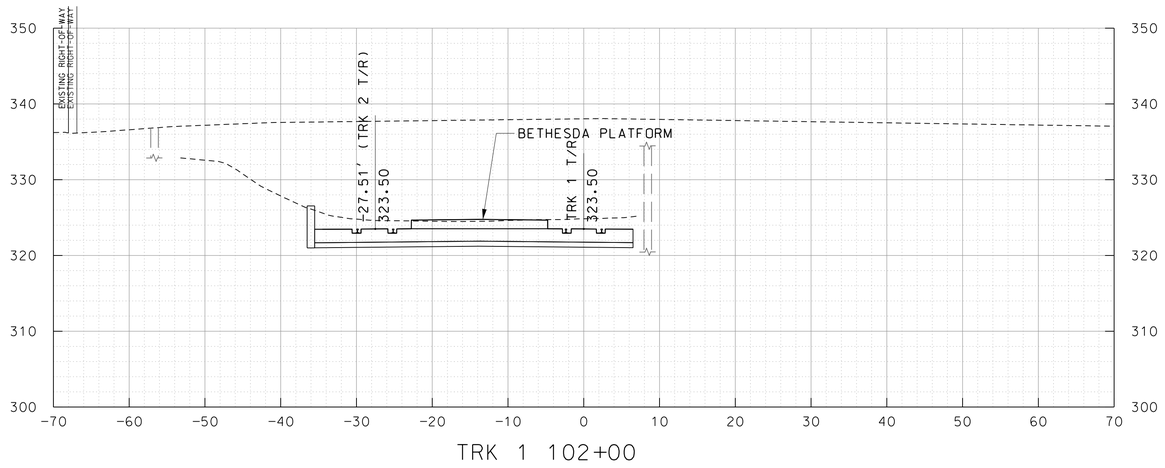
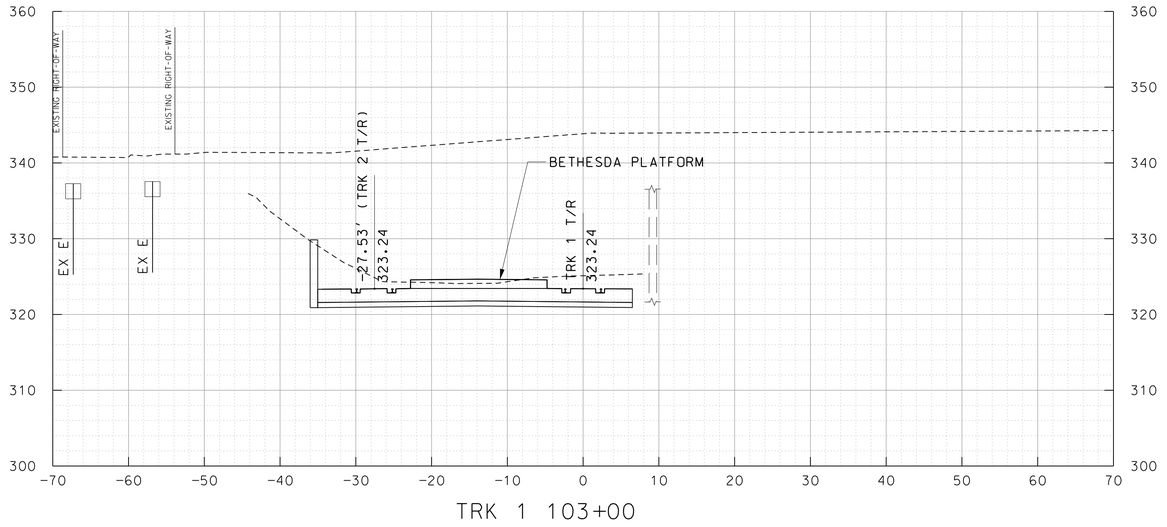
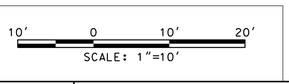
12/11/2013











MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

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DESIGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 102+00 TO STA TRK 1 103+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-002

SHEET NO. 11 OF 736

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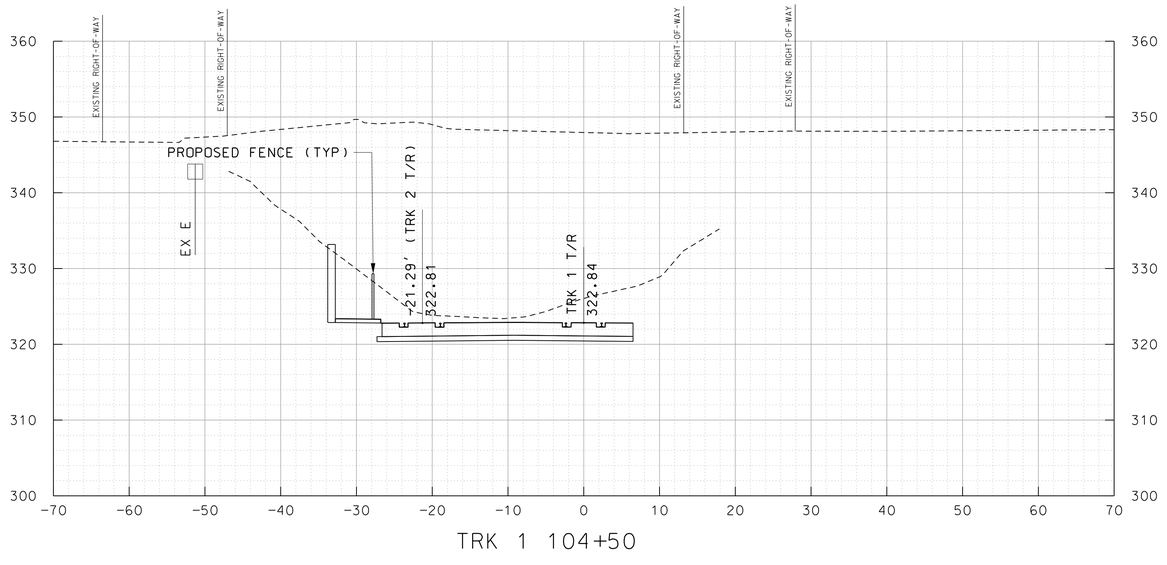
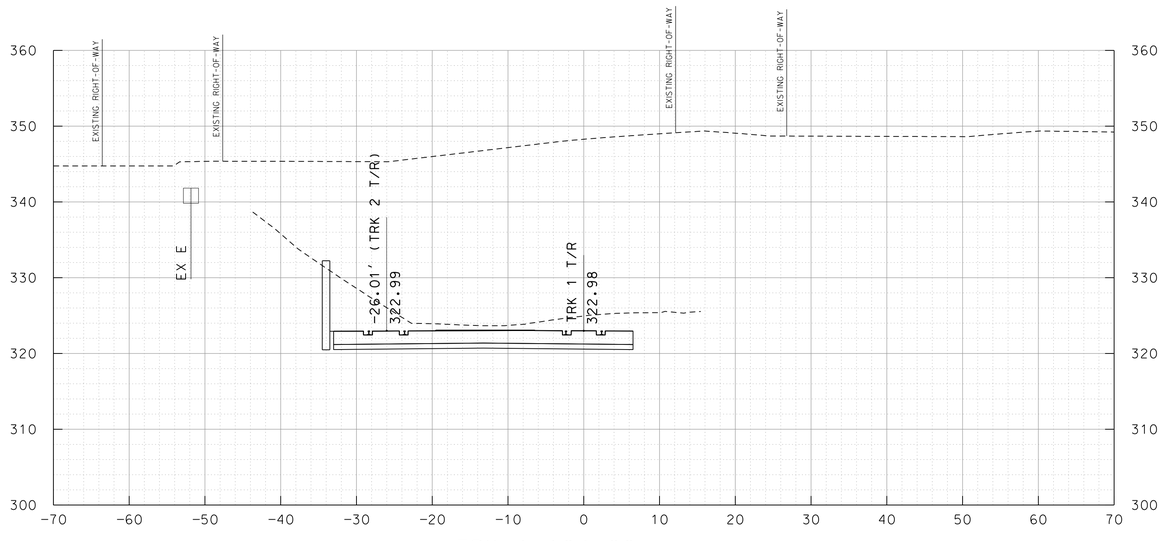
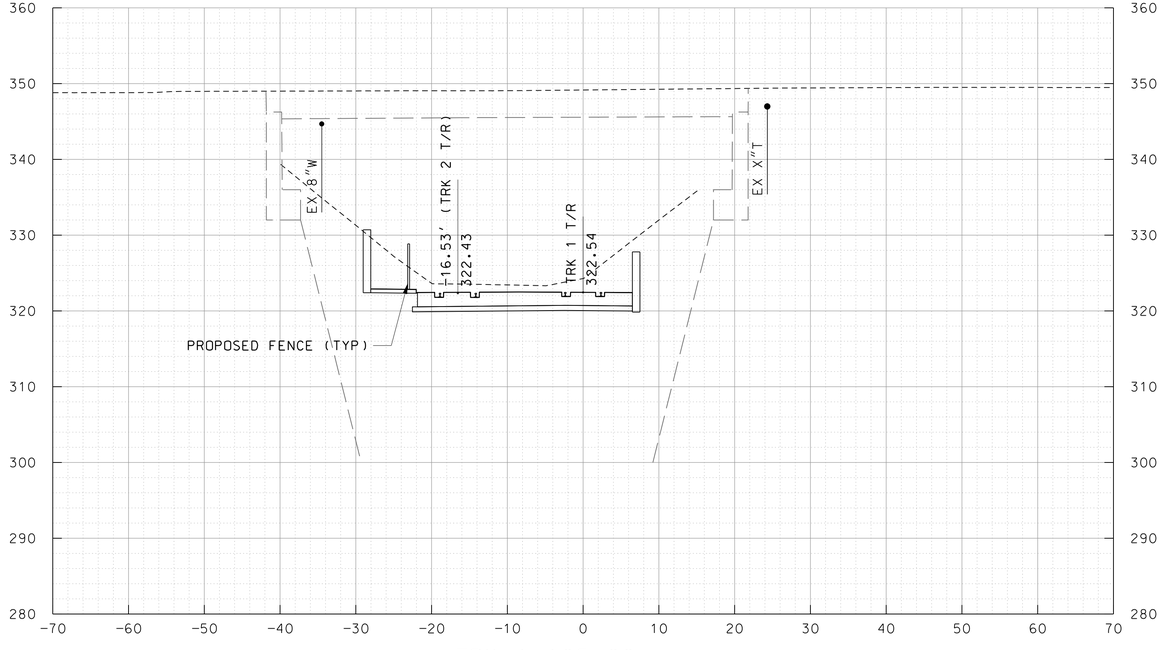
12/11/2013



TRK 1 104+50



TRK 1 104+00



TRK 1 105+00

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming
WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 104+00 TO STA TRK 1 105+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-003
SHEET NO. 12 OF 736

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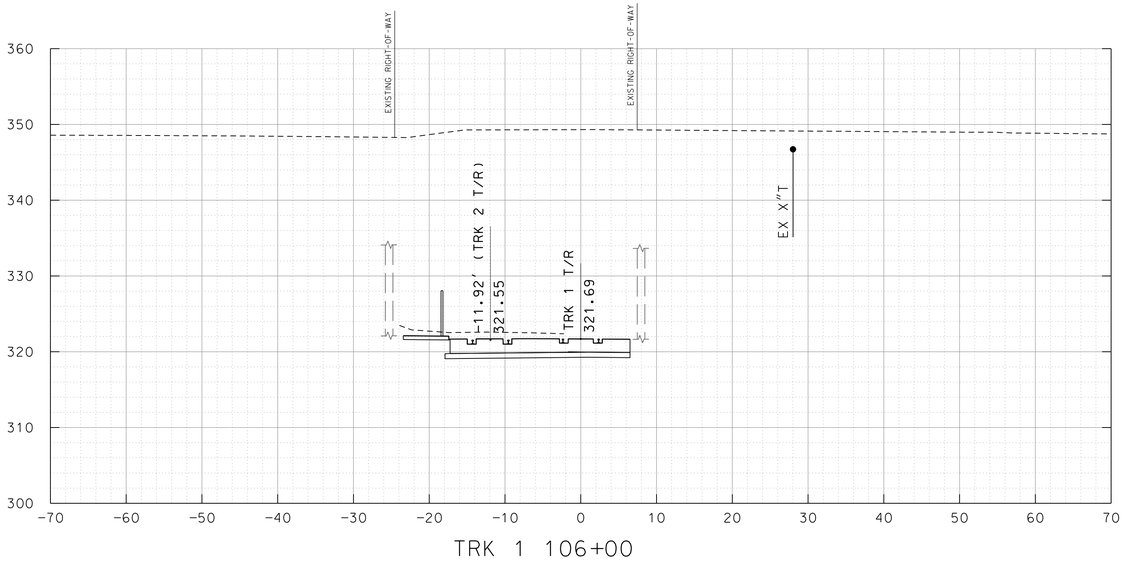
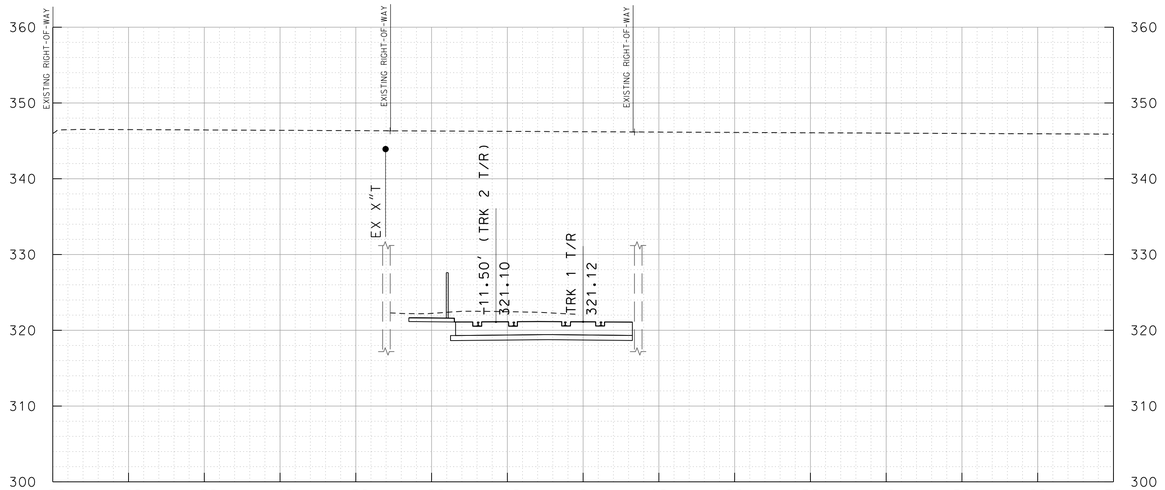
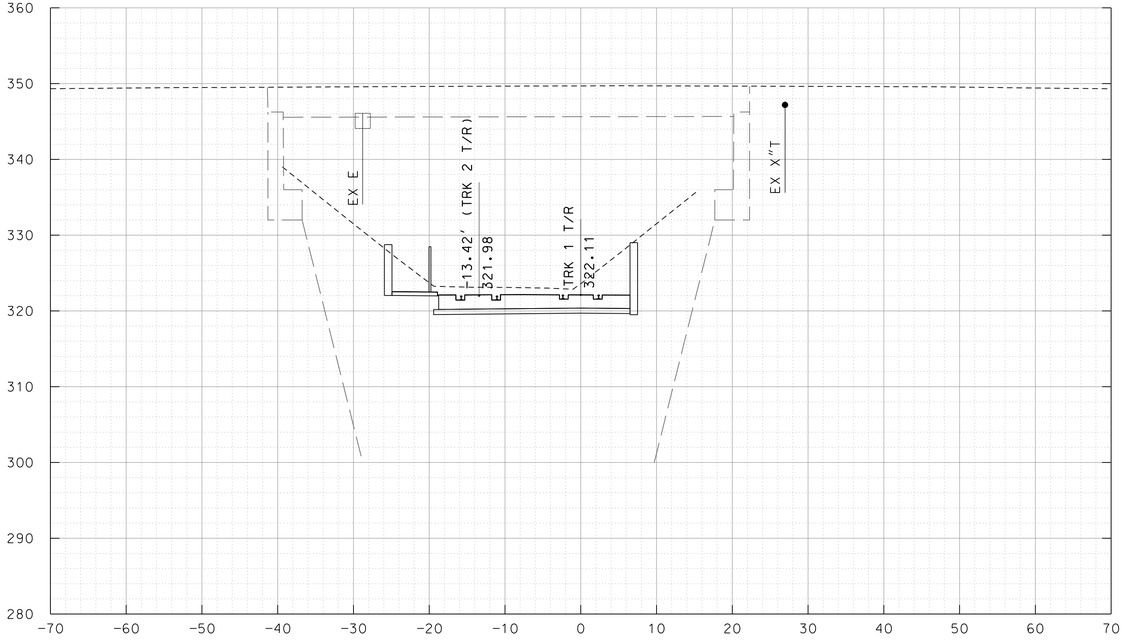
12/11/2013



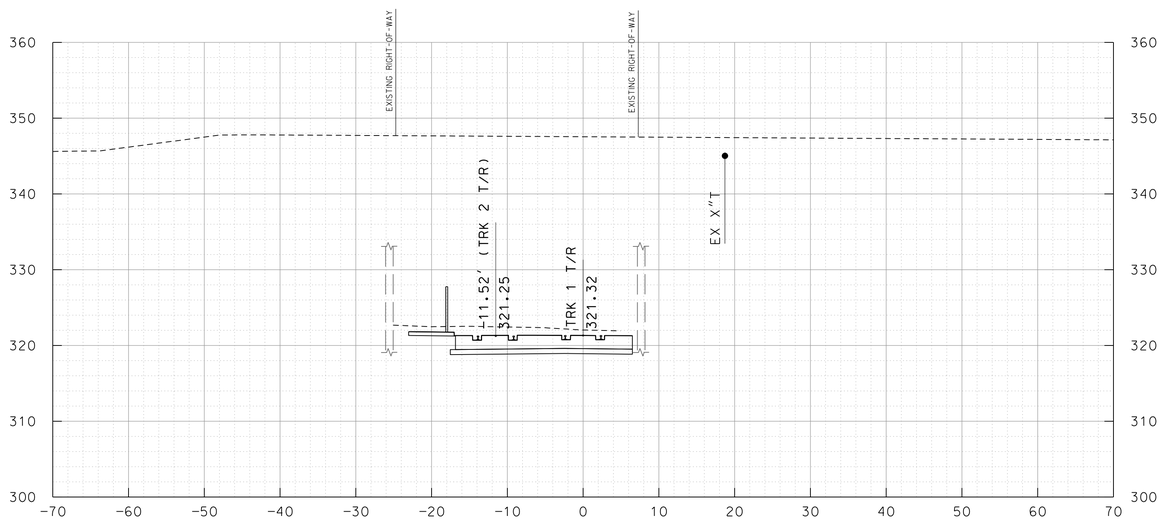
TRK 1 106+00



TRK 1 107+00



TRK 1 105+50



TRK 1 106+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 105+50 TO STA TRK 1 107+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-004
SHEET NO. 13 OF 736

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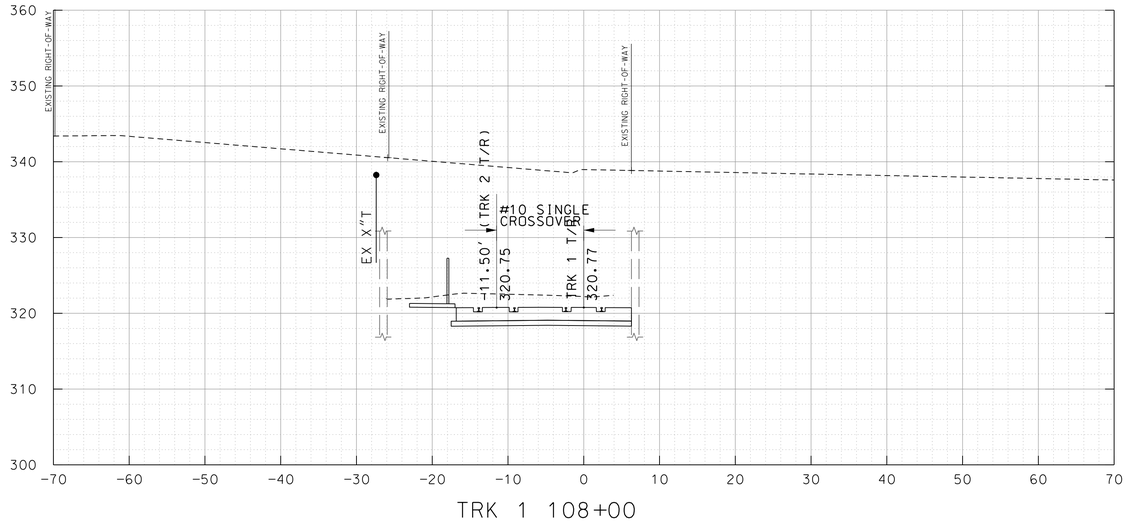
12/11/2013



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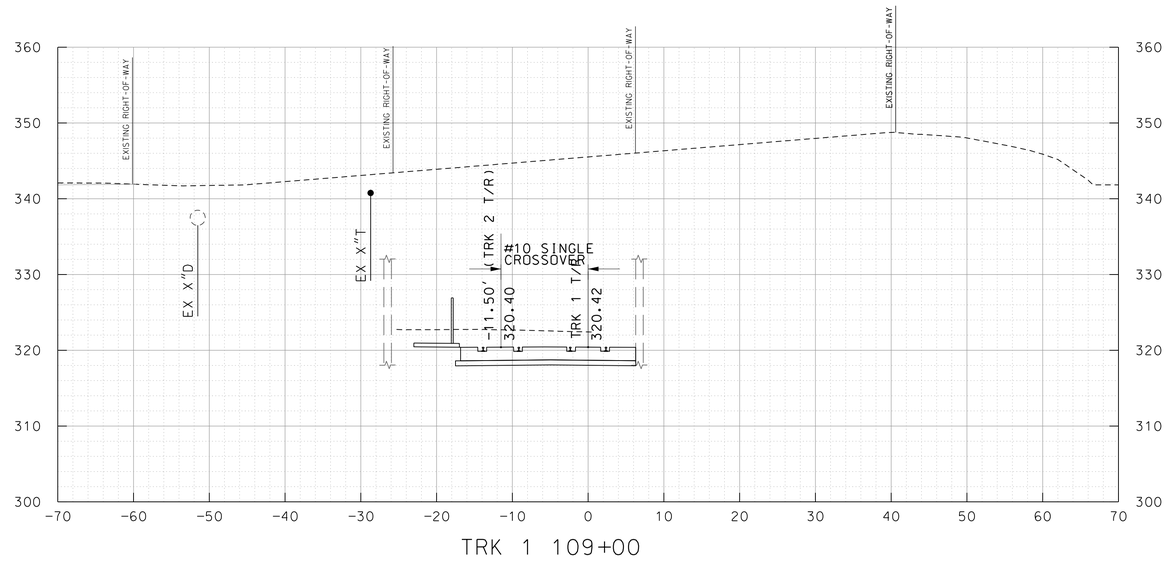

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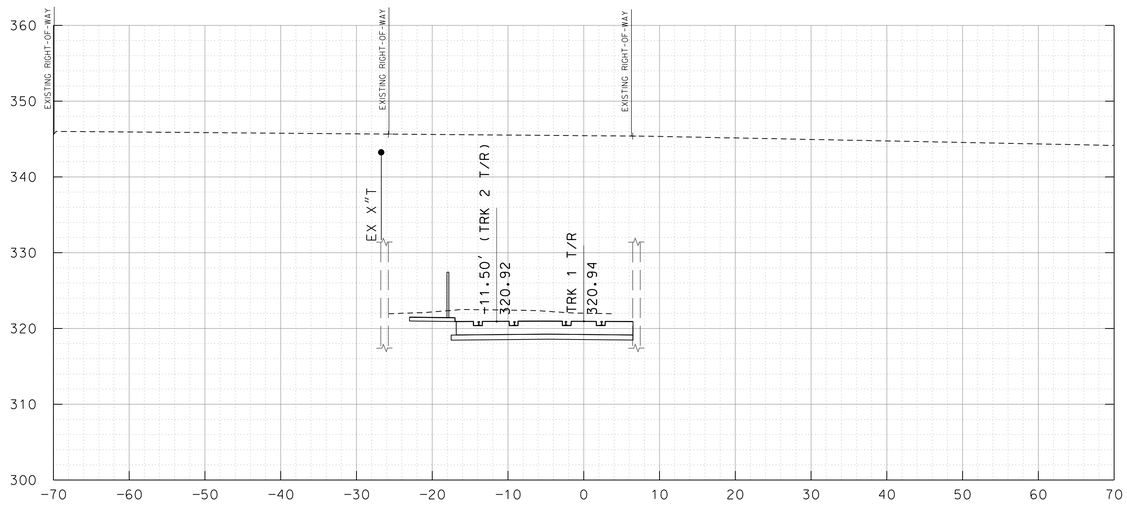

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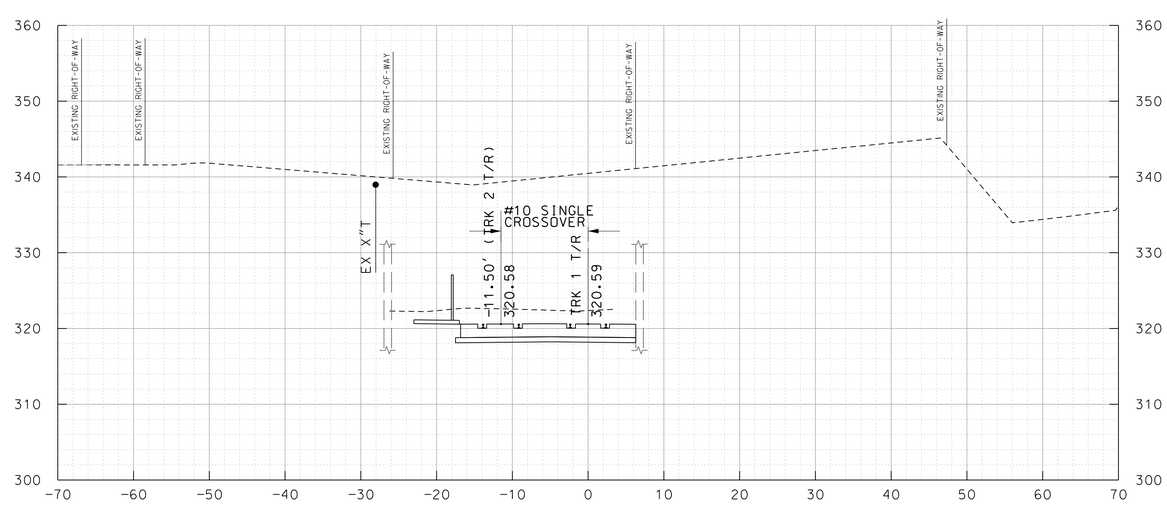

TRK 1 108+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 107+50 TO STA TRK 1 109+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-005
SHEET NO. 14 OF 736

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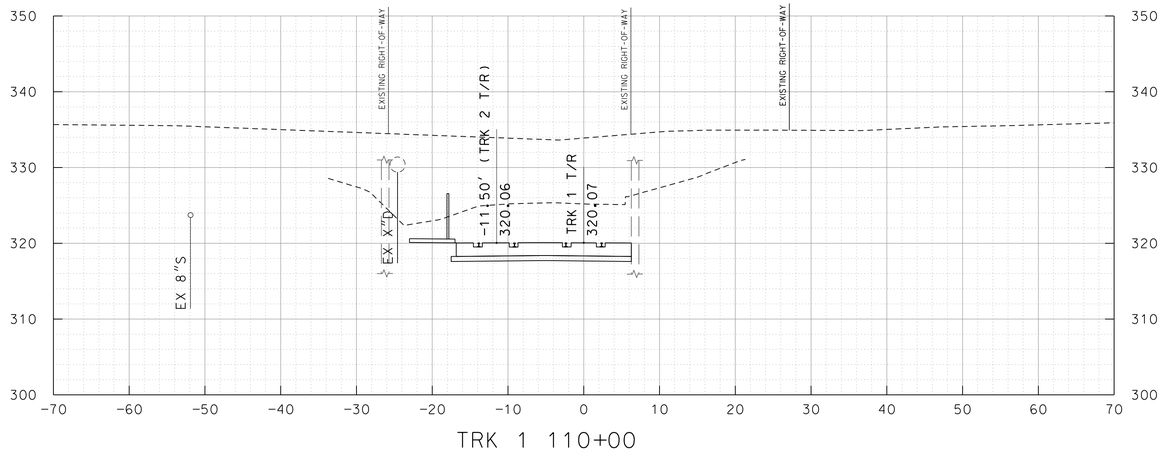
12/11/2013



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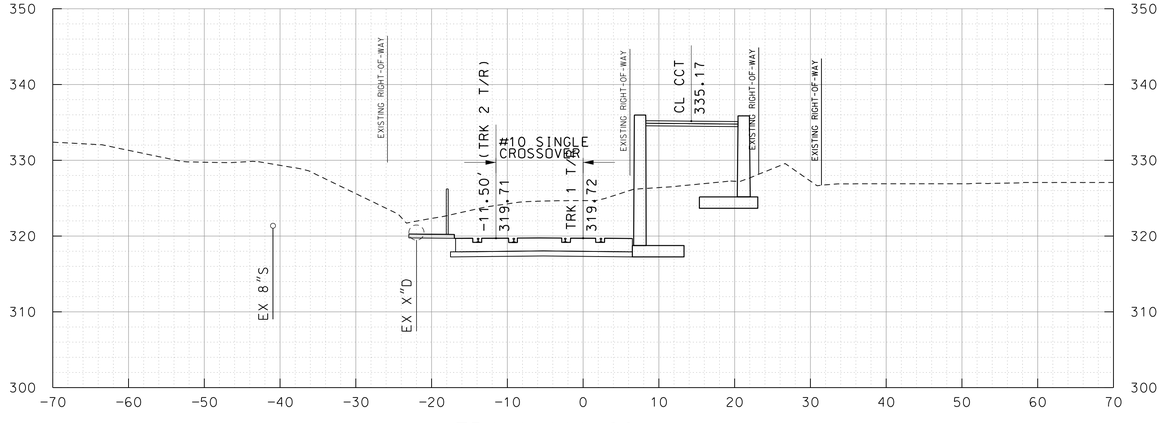

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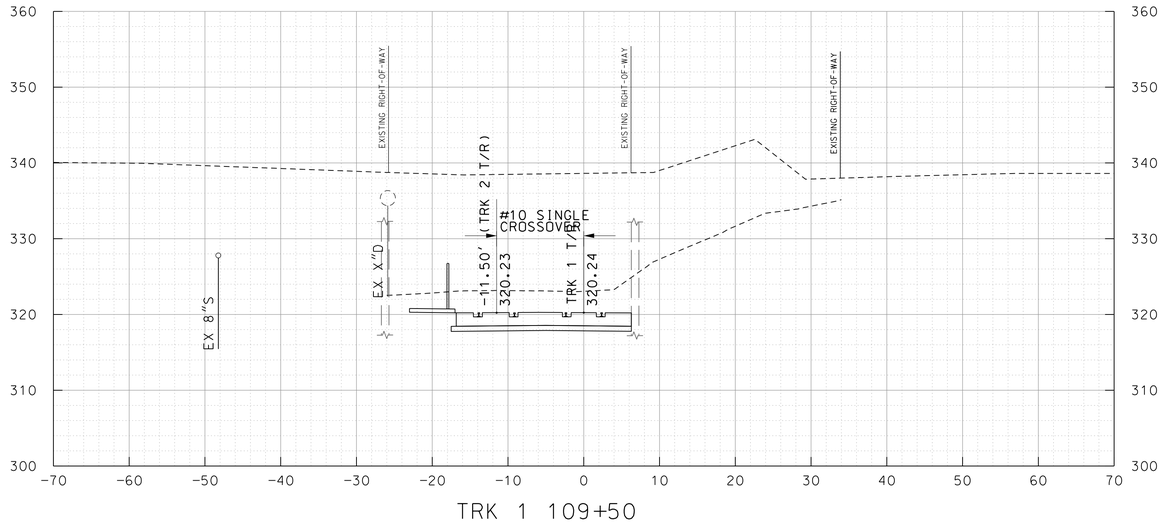
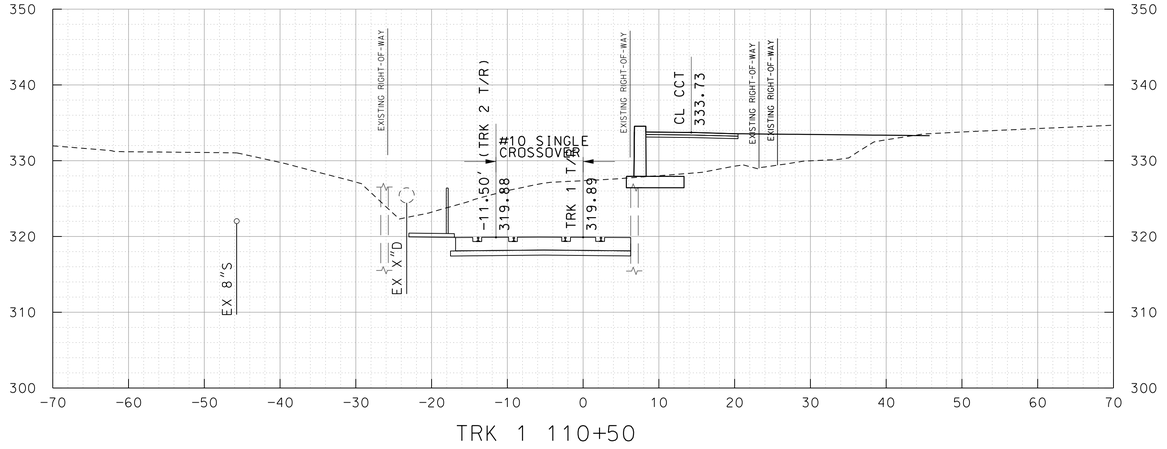


TRK 1 109+50



TRK 1 110+50

10' 0 10' 20'

SCALE: 1"=10'

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MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

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DESIGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 109+50 TO STA TRK 1 111+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-006

SHEET NO. 15 OF 736

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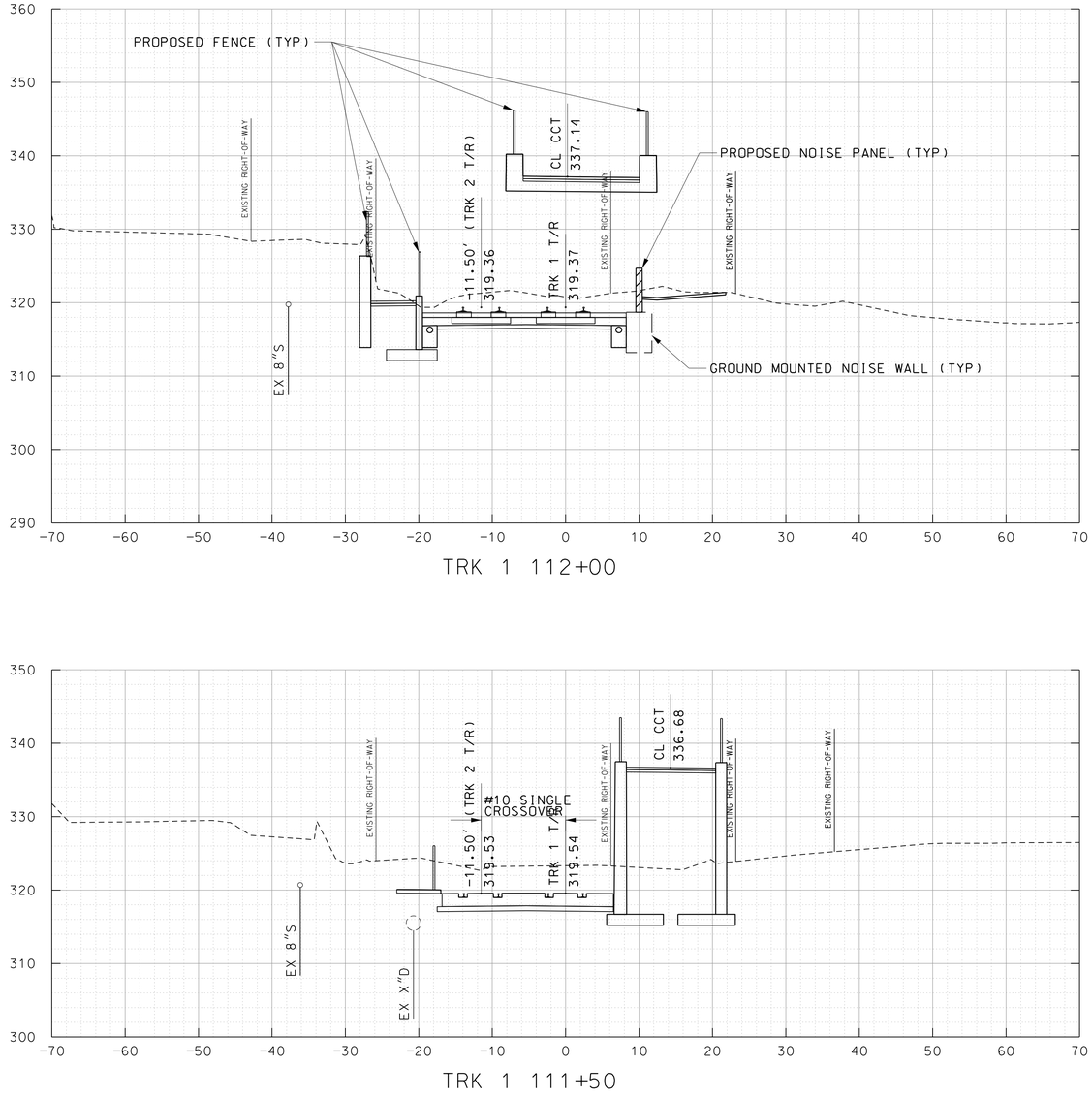
12/11/2013



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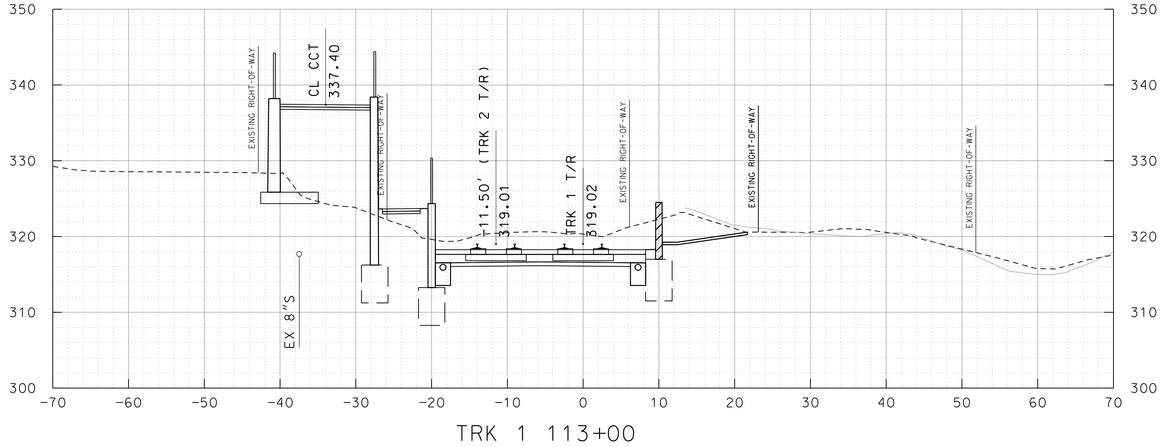
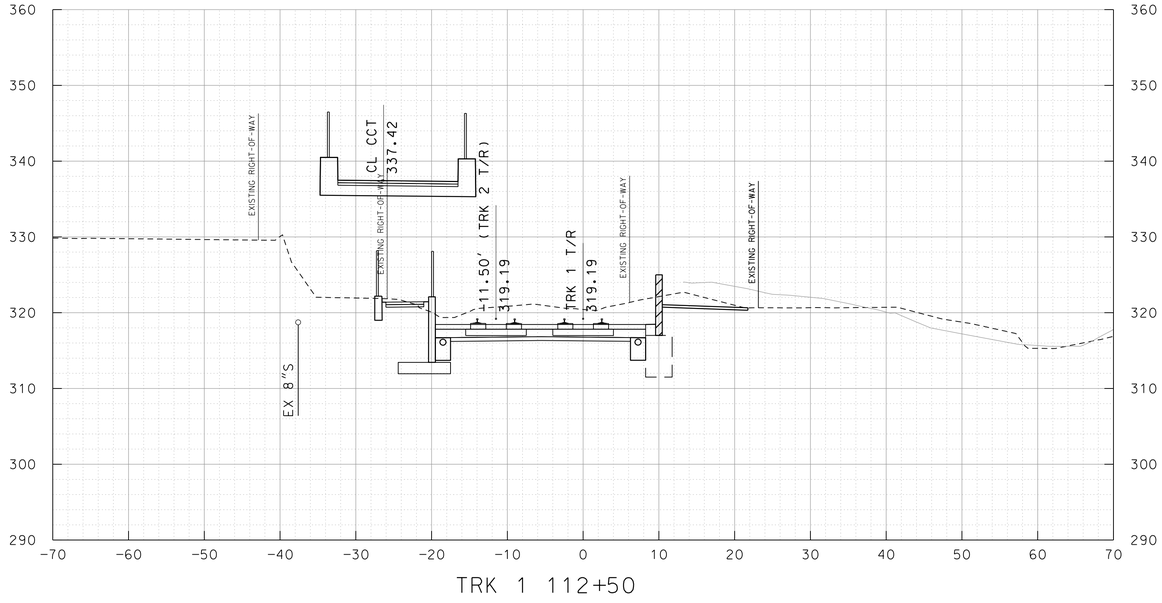


TRK 1 113+00

TRK 1 111+50



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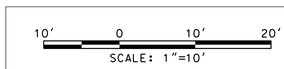

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 111+50 TO STA TRK 1 113+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-007

SHEET NO. 16 OF 736

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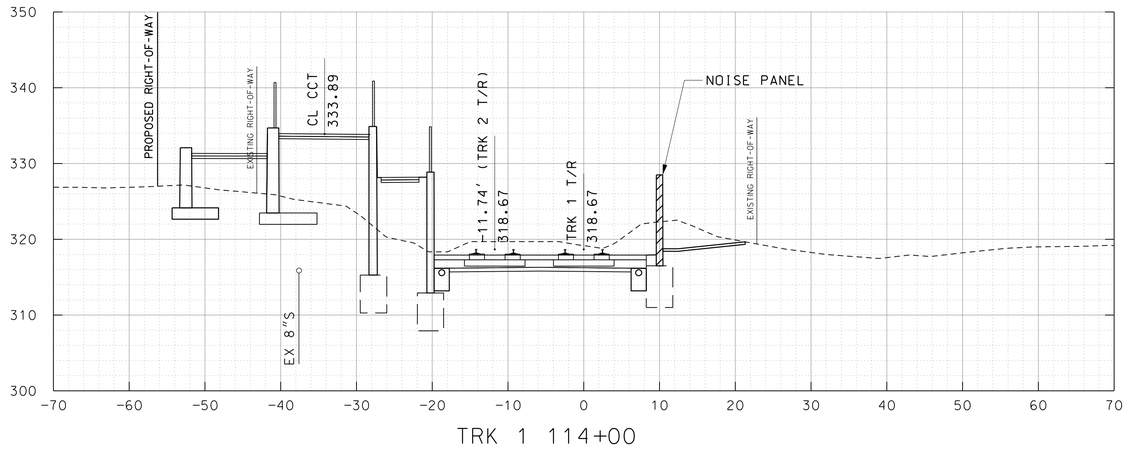
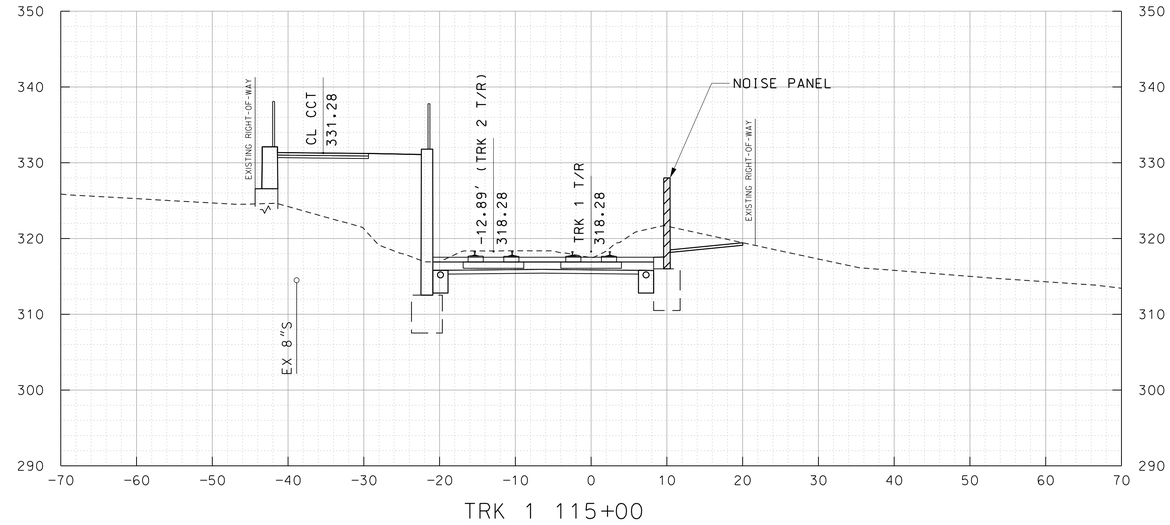
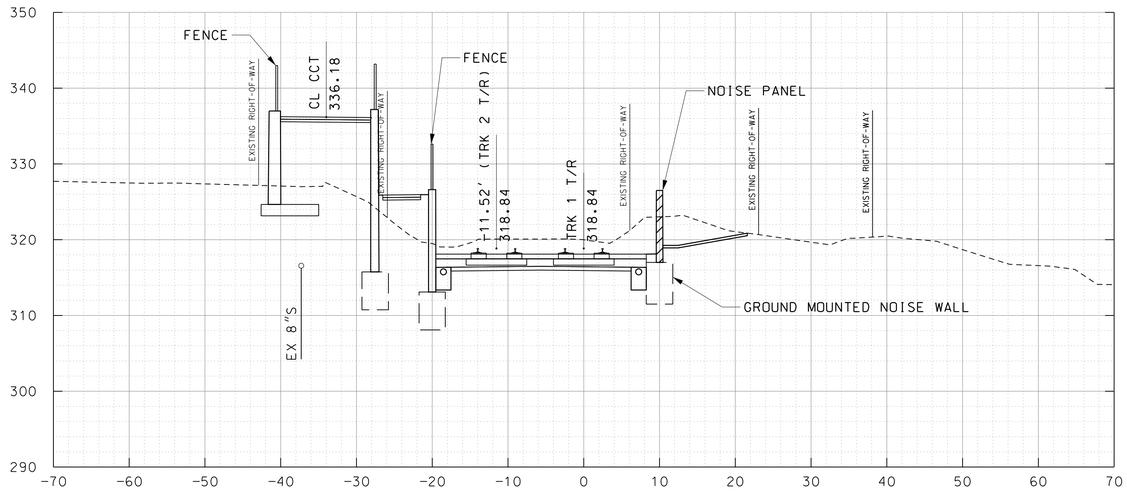
12/11/2013



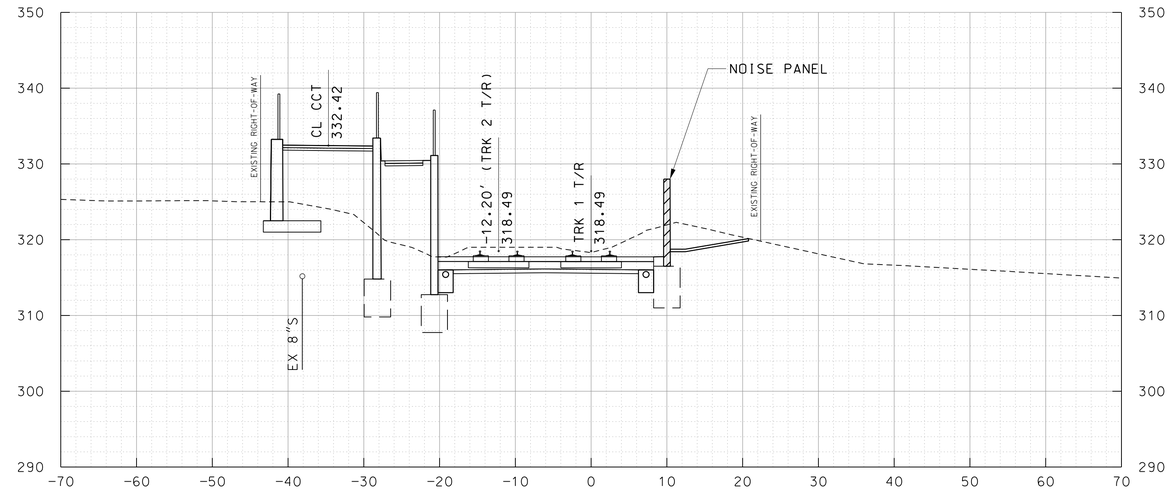
TRK 1 114+00



TRK 1 115+00



TRK 1 113+50



TRK 1 114+50

10' 0 10' 20'
SCALE: 1"=10'

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MTA Maryland

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 113+50 TO STA TRK 1 115+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-008
SHEET NO. 17 OF 736

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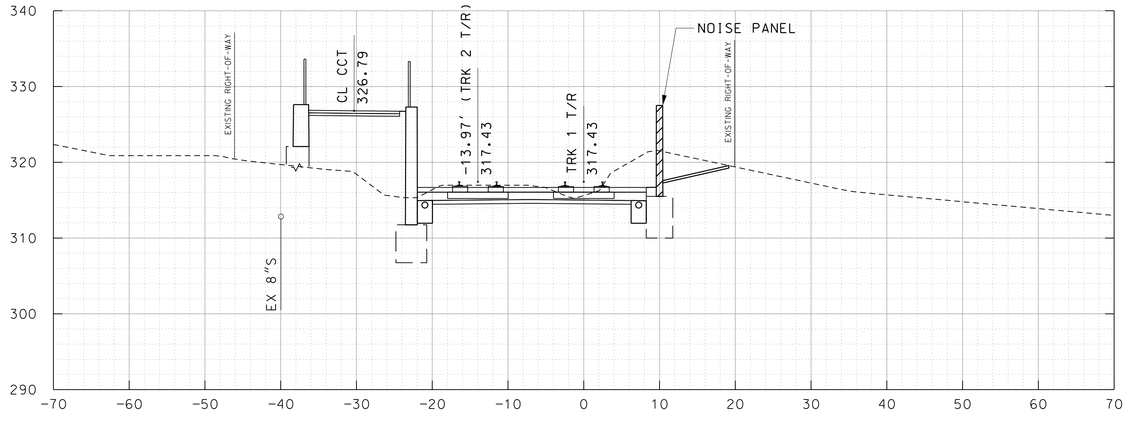
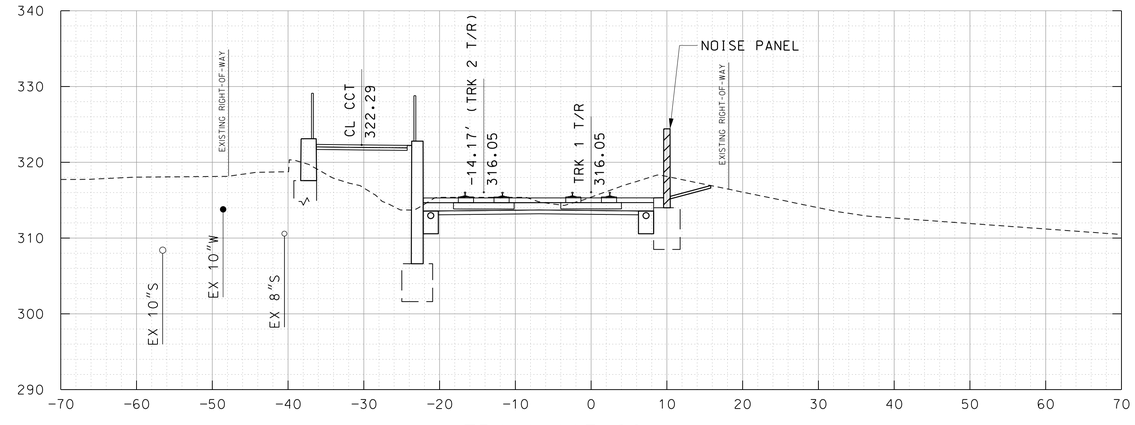
12/11/2013



TRK 1 116+00



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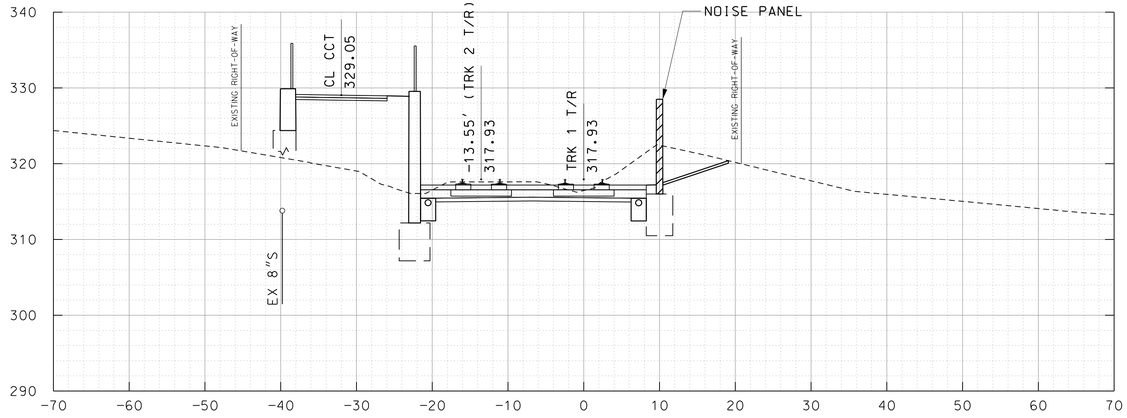

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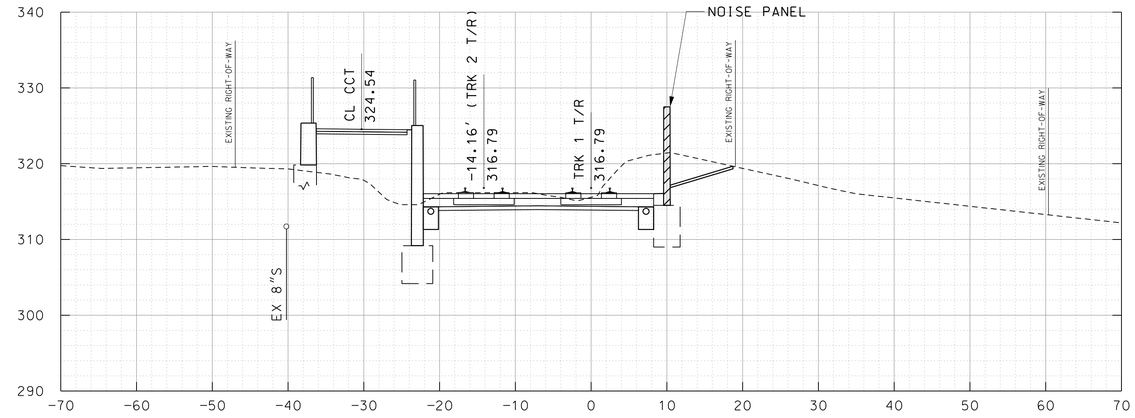

TRK 1 116+50

10' 0 10' 20'
SCALE: 1"=10'

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MTA Maryland

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DESGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 115+50 TO STA TRK 1 117+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-009
SHEET NO. 18 OF 736

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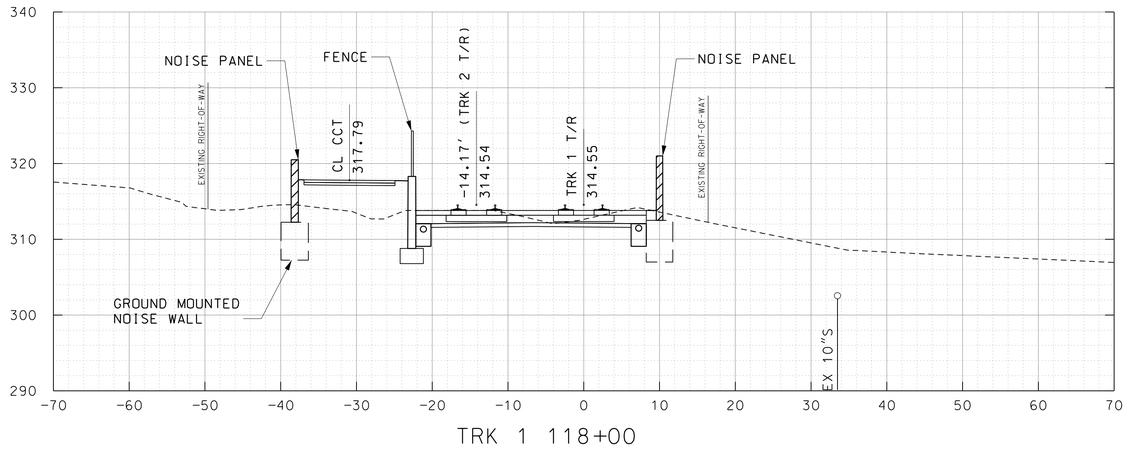
12/11/2013



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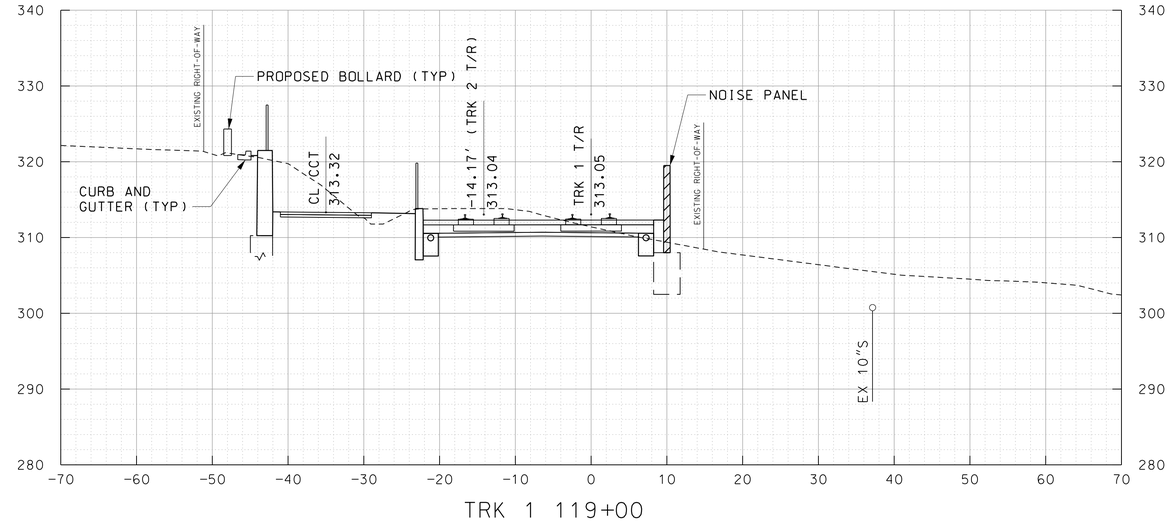

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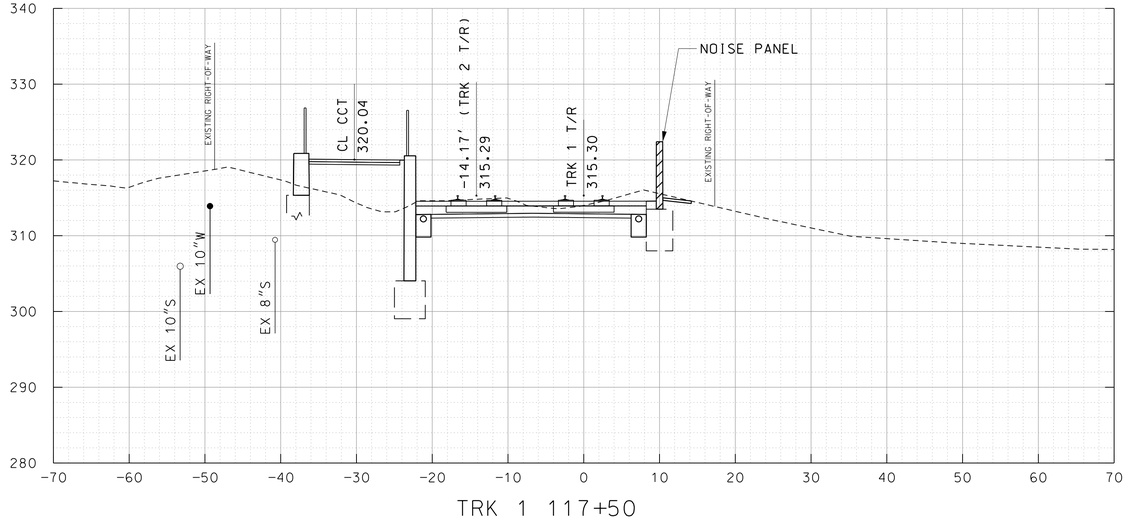
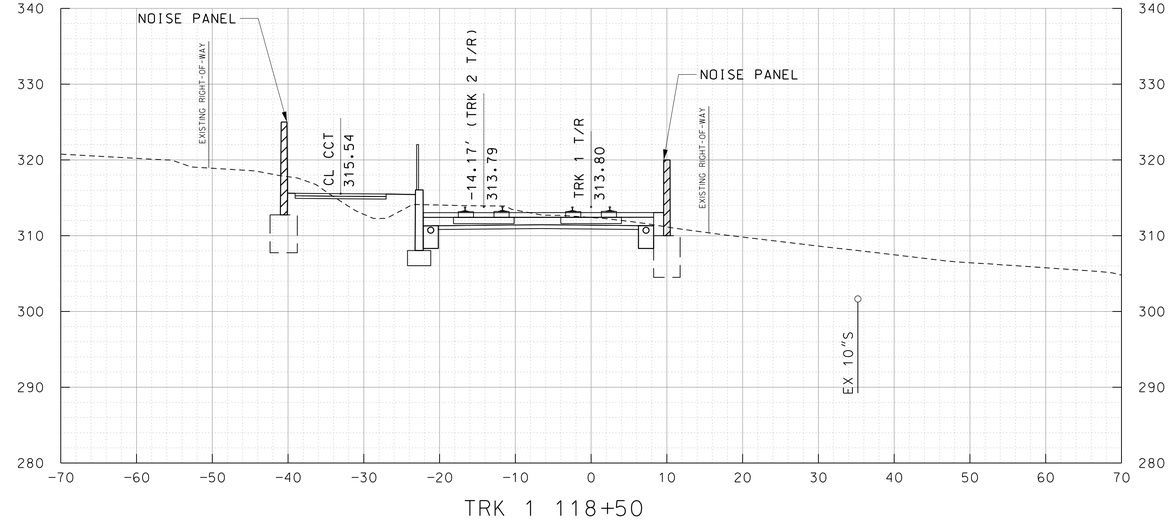


TRK 1 117+50



TRK 1 118+50

10' 0 10' 20'
SCALE: 1"=10'

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MTA Maryland

Gannett Fleming
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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 117+50 TO STA TRK 1 119+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-010
SHEET NO. 19 OF 736

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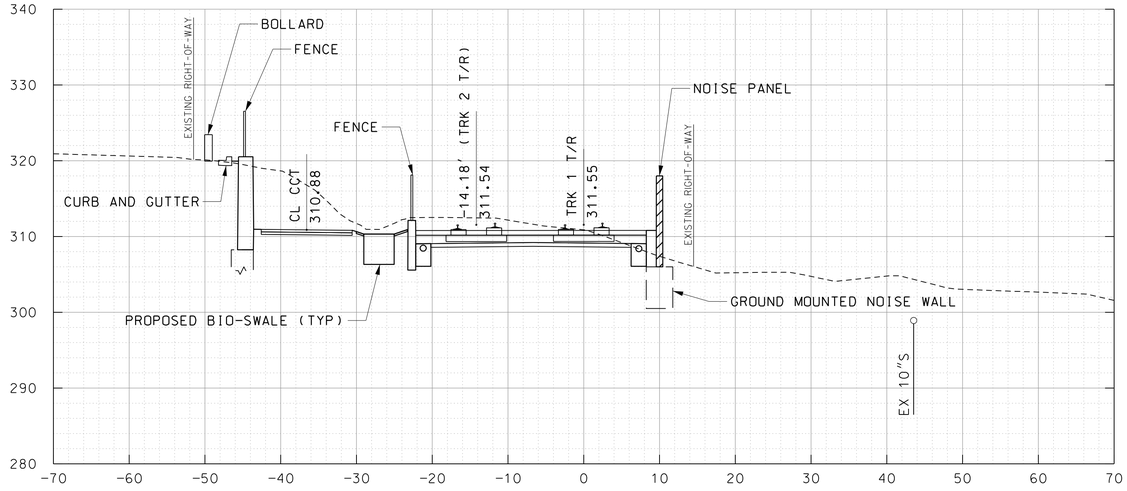
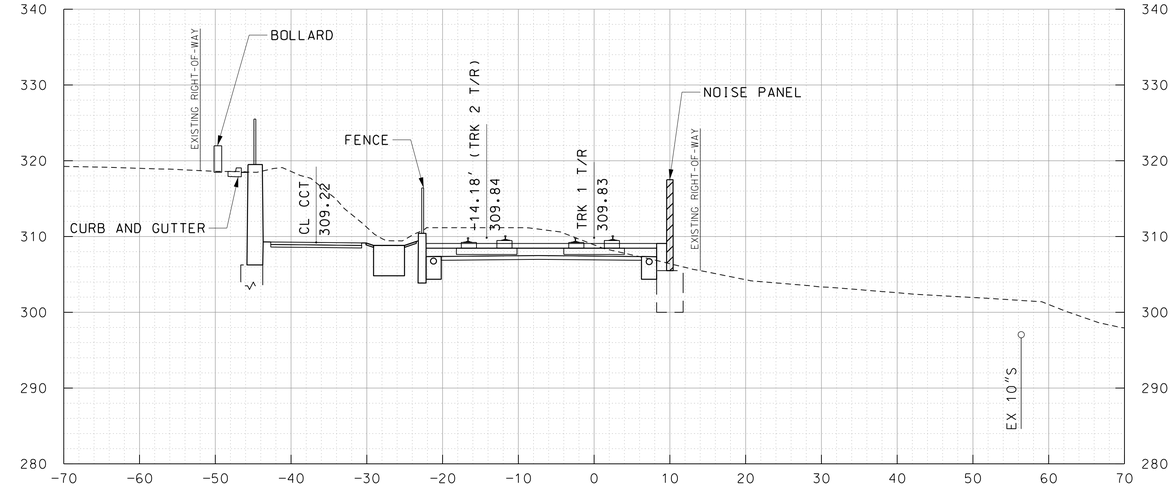
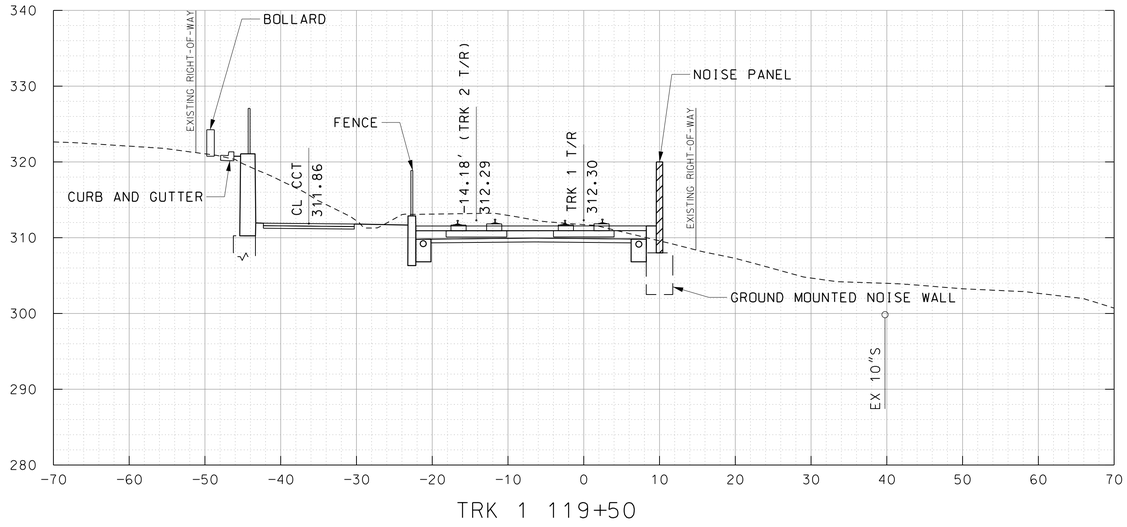
12/11/2013



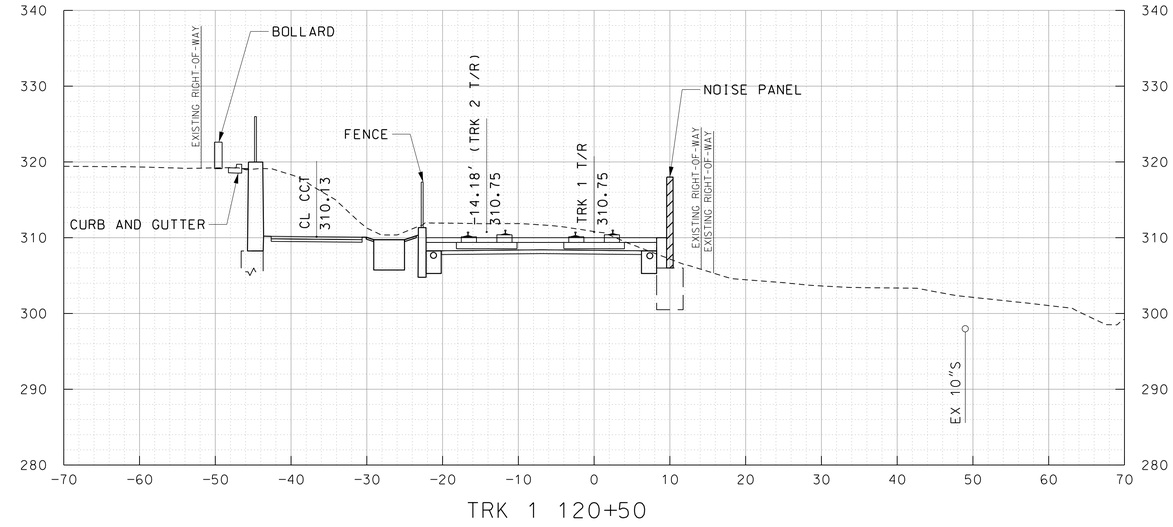
TRK 1 120+00



TRK 1 121+00



TRK 1 119+50



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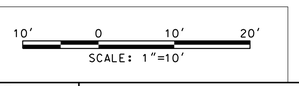

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

PROFESSIONAL CERTIFICATION

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License No. Expiration Date

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 119+50 TO STA TRK 1 121+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-011

SHEET NO. 20 OF 736

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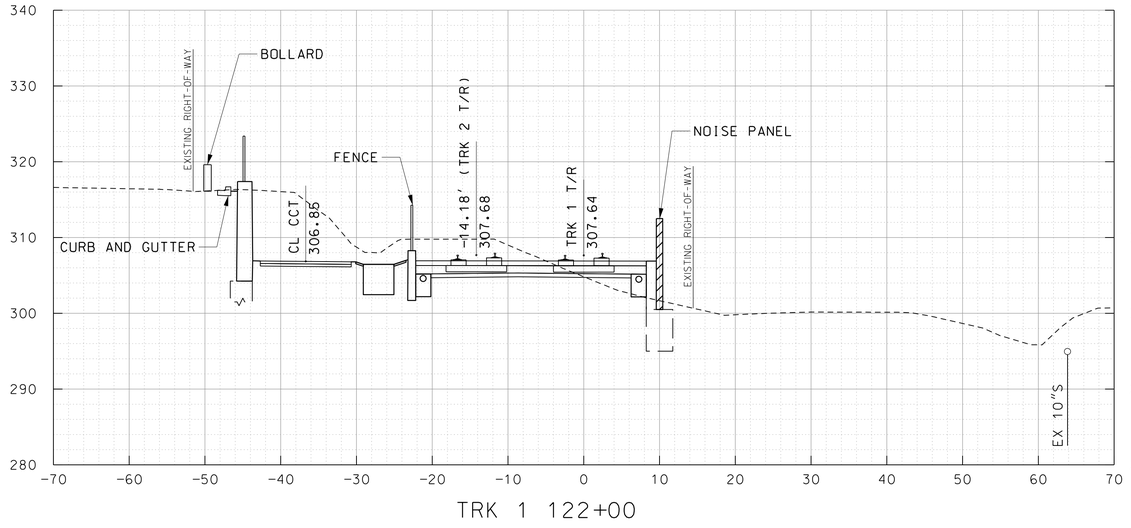
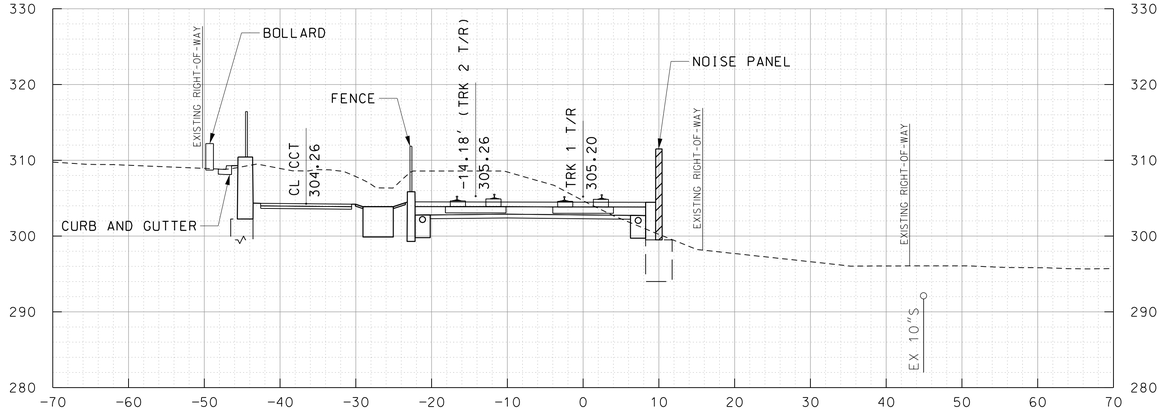
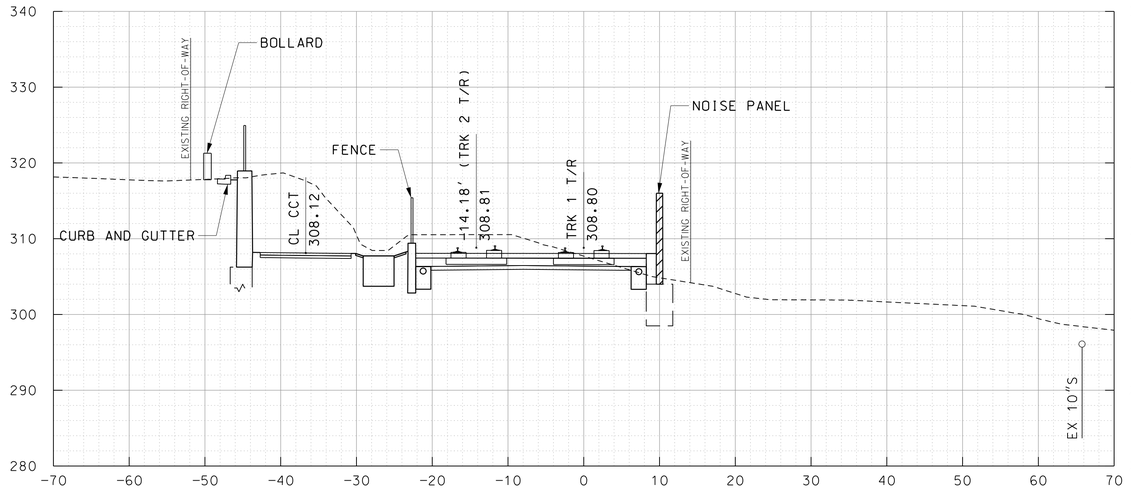
12/11/2013



TRK 1 122+00



TRK 1 123+00



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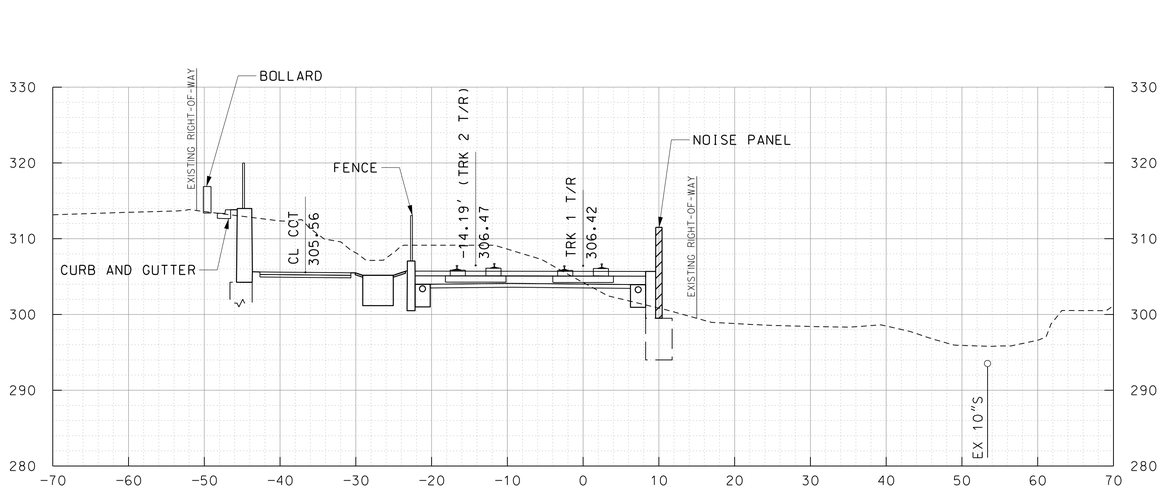

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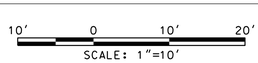

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 121+50 TO STA TRK 1 123+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-012
SHEET NO. 21 OF 736

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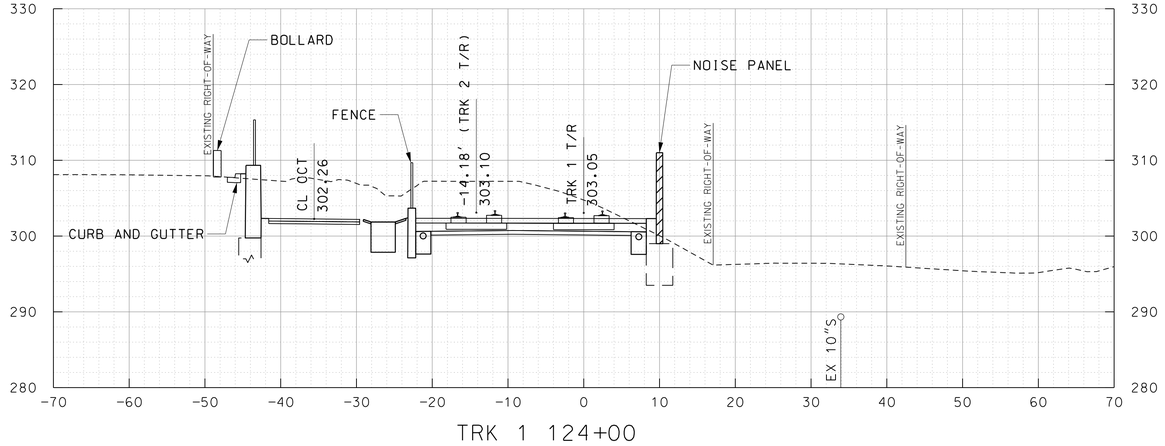
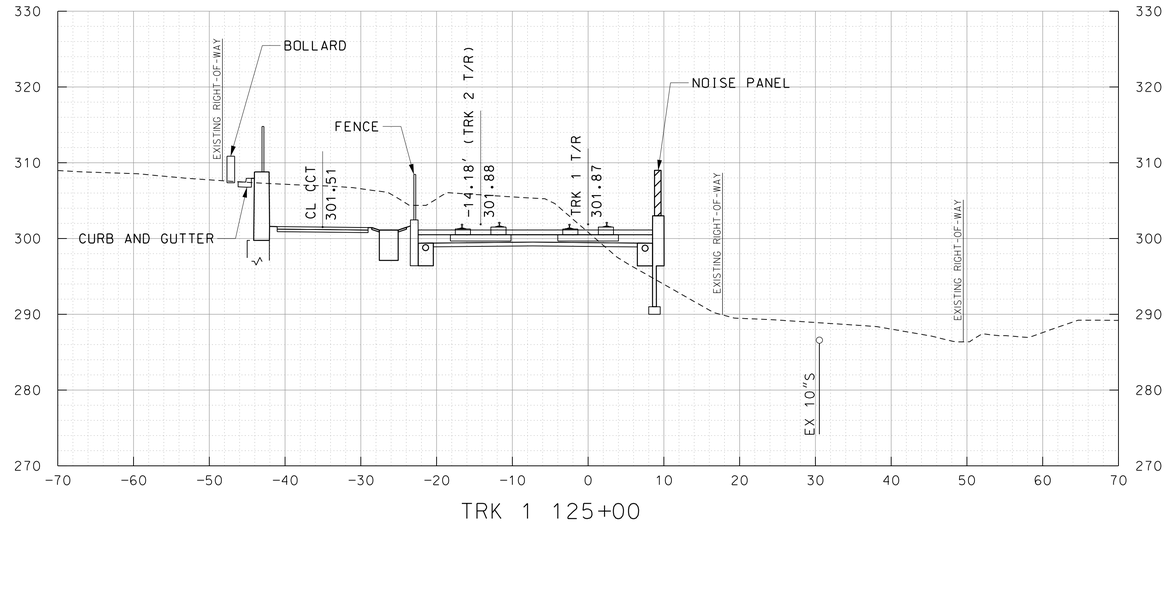
12/11/2013



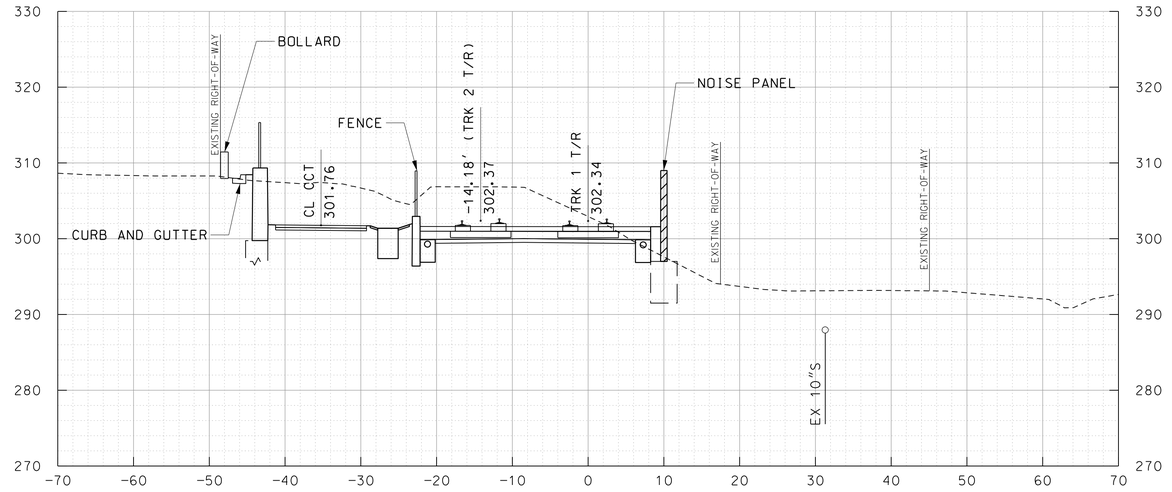
TRK 1 124+00



TRK 1 125+00



TRK 1 123+50



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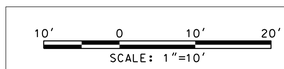

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 123+50 TO STA TRK 1 125+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-013
SHEET NO. 22 OF 736

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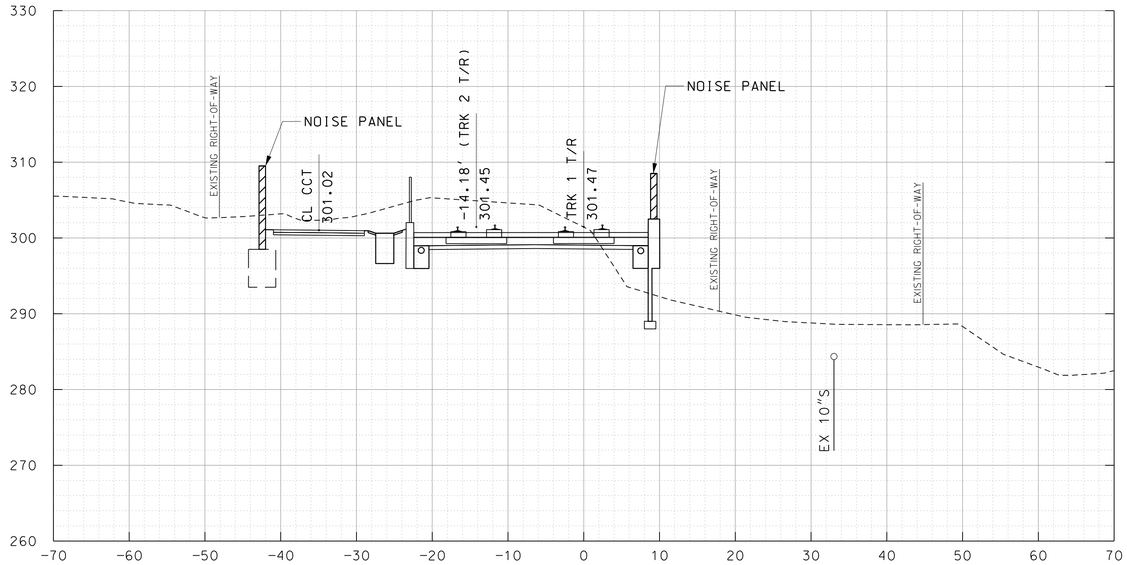
12/11/2013



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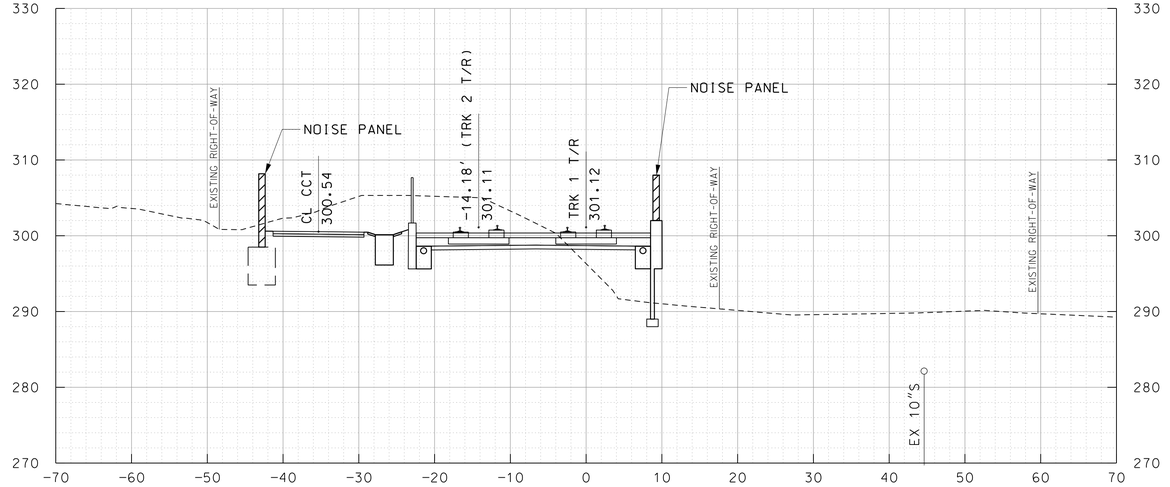

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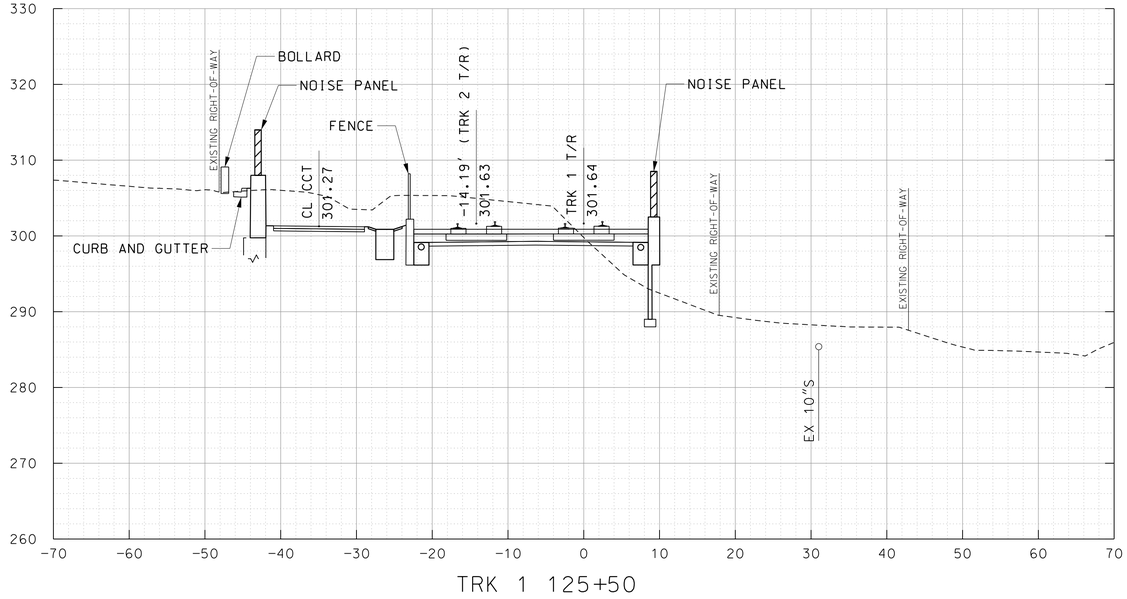
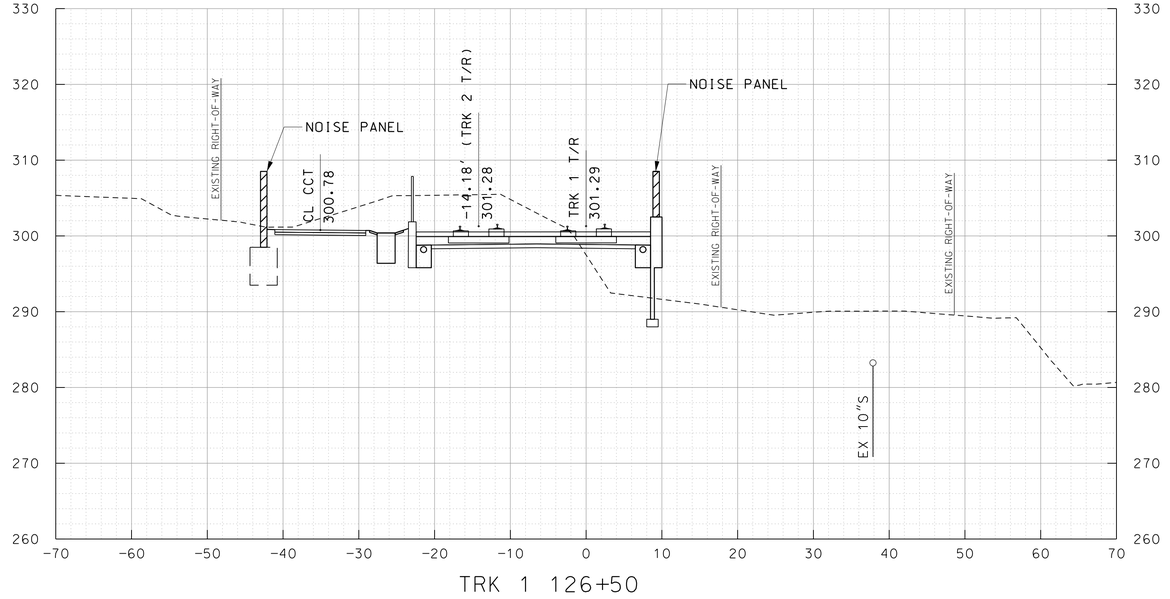


TRK 1 125+50



TRK 1 126+50

10' 0 10' 20'
SCALE: 1"=10'

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MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 125+50 TO STA TRK 1 127+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-014
SHEET NO. 23 OF 736

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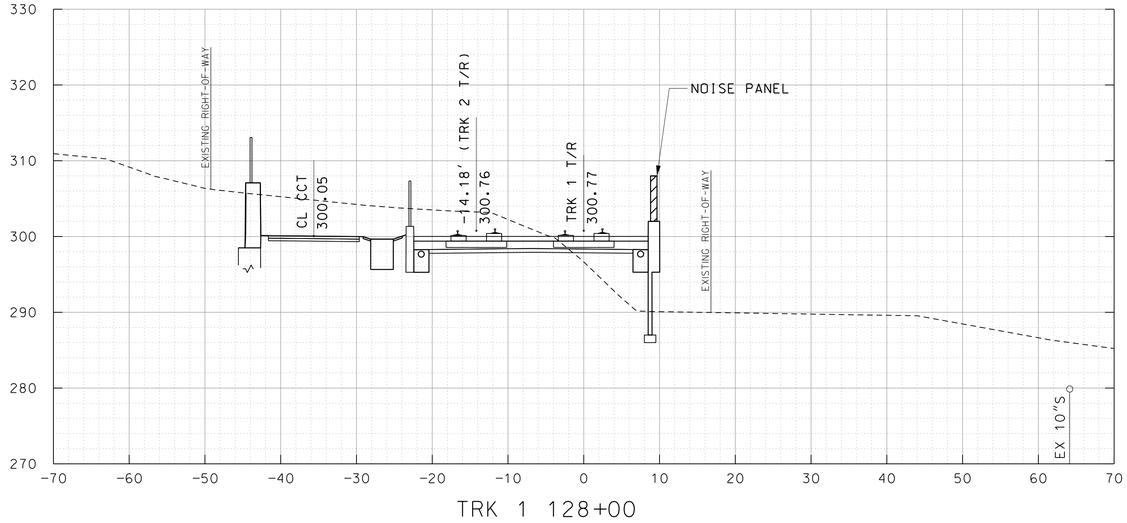
12/11/2013



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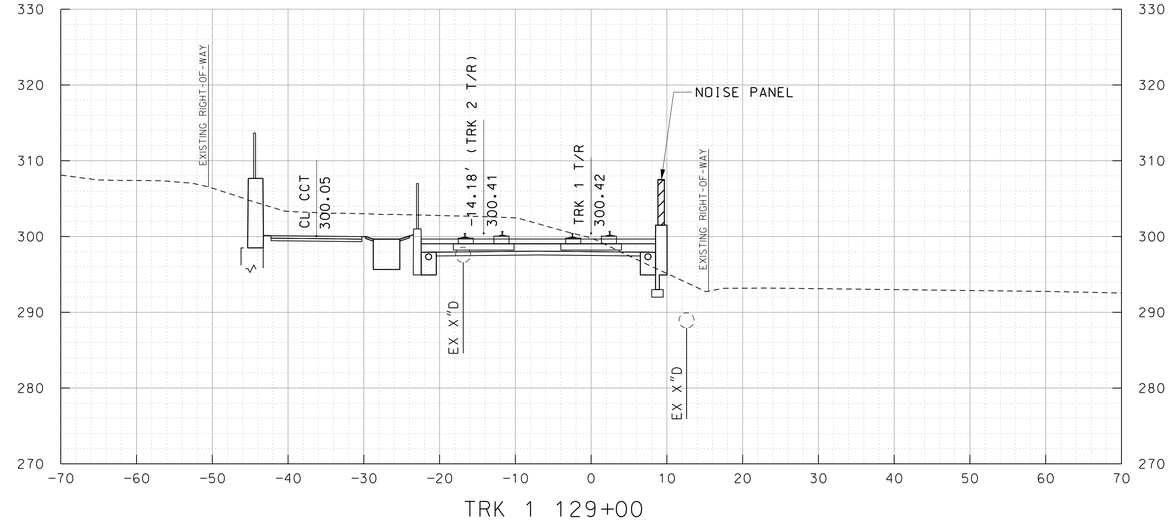

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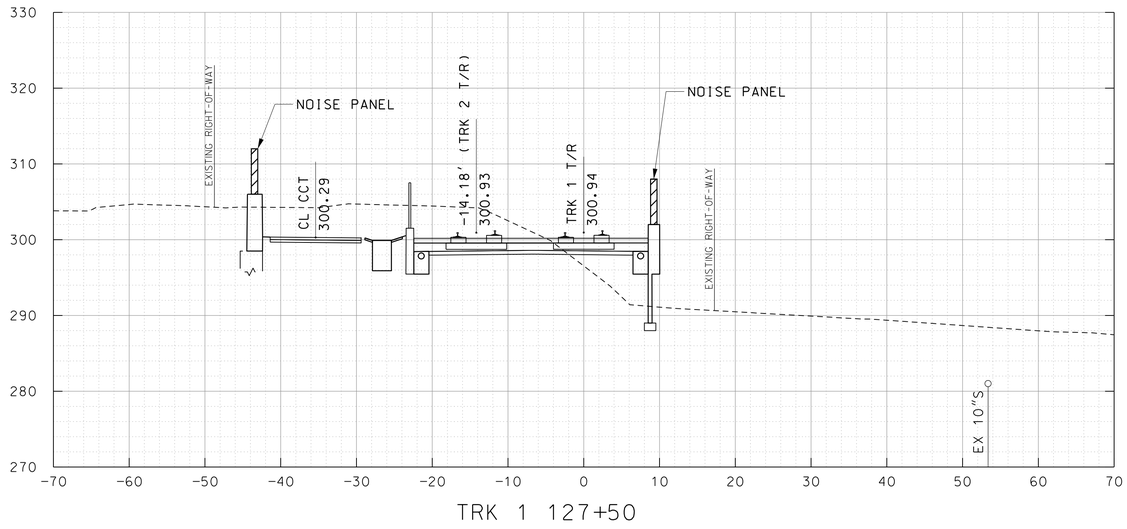
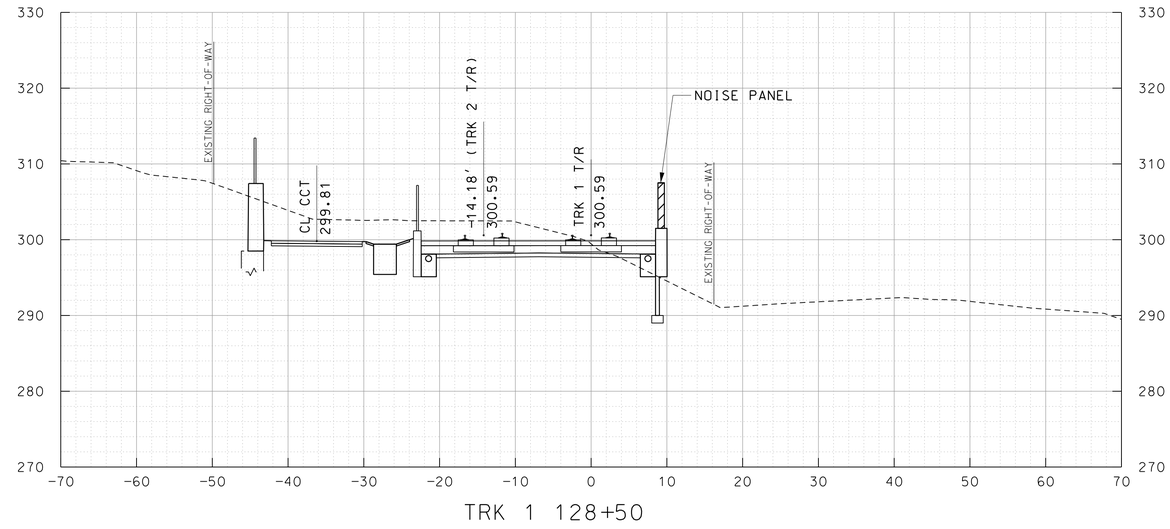


TRK 1 127+50



TRK 1 128+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 127+50 TO STA TRK 1 129+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-015
SHEET NO. 24 OF 736

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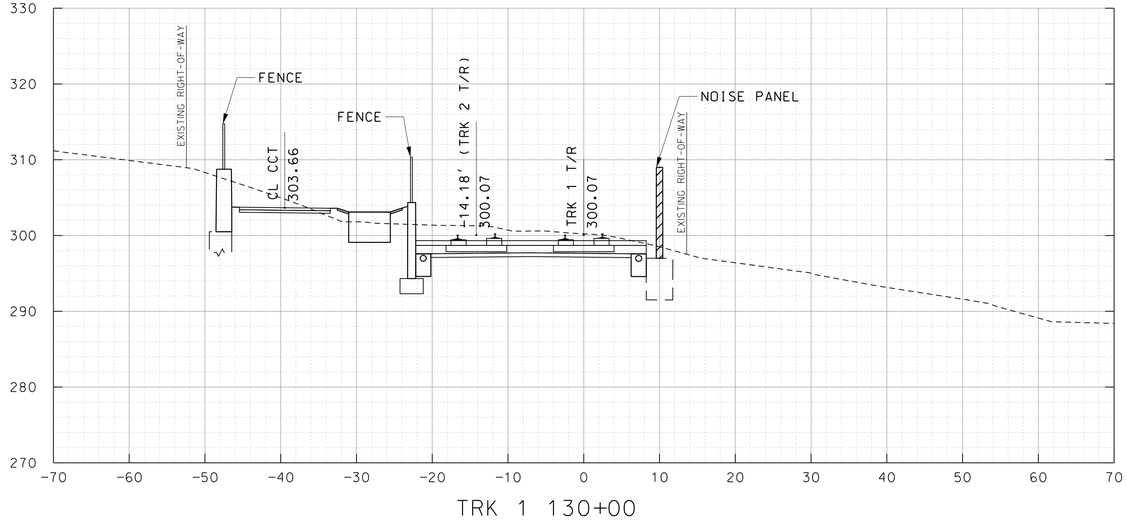
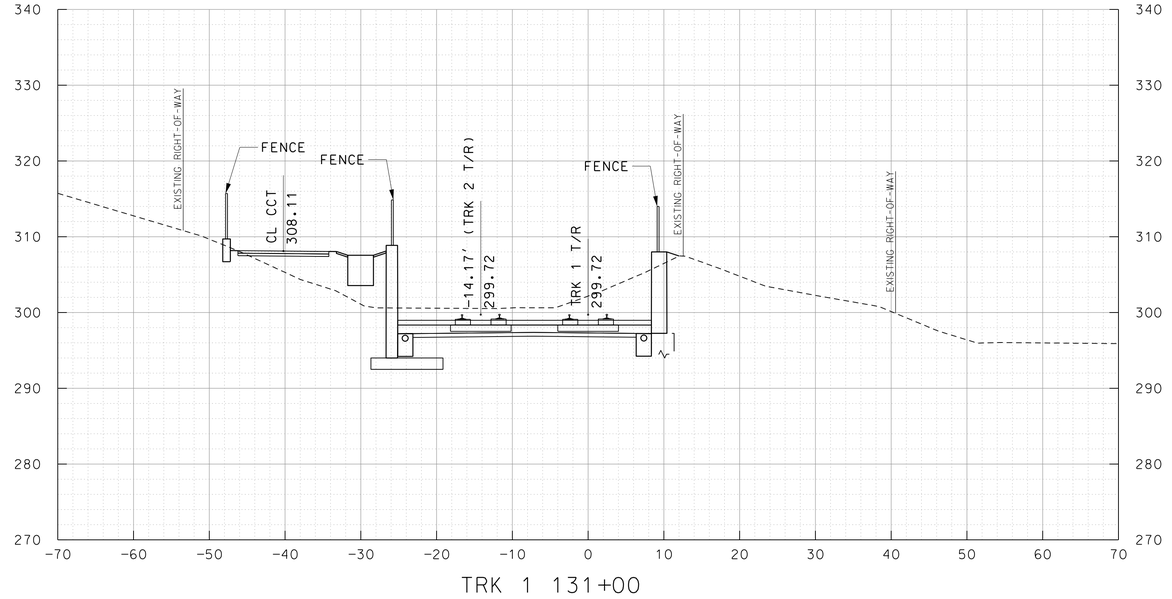
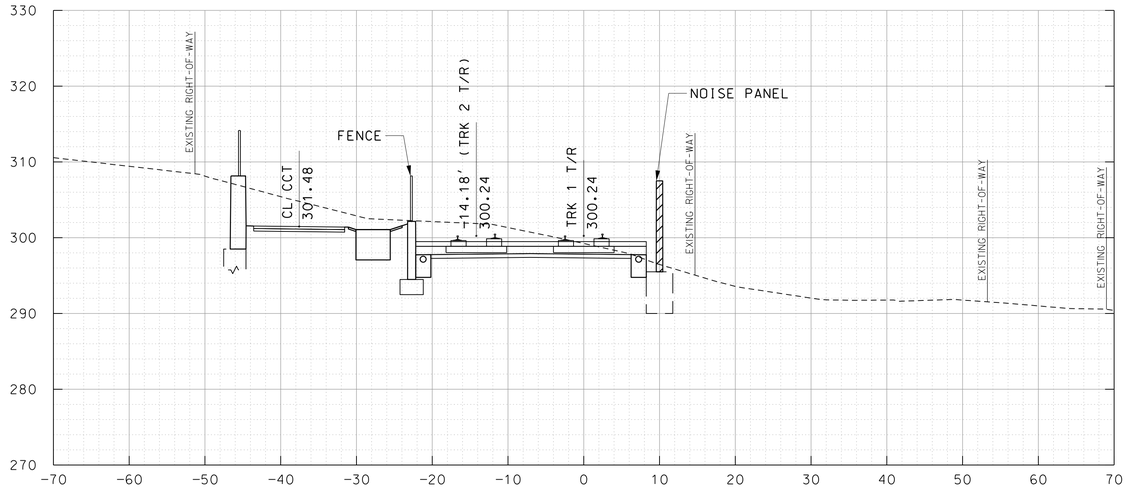
12/11/2013



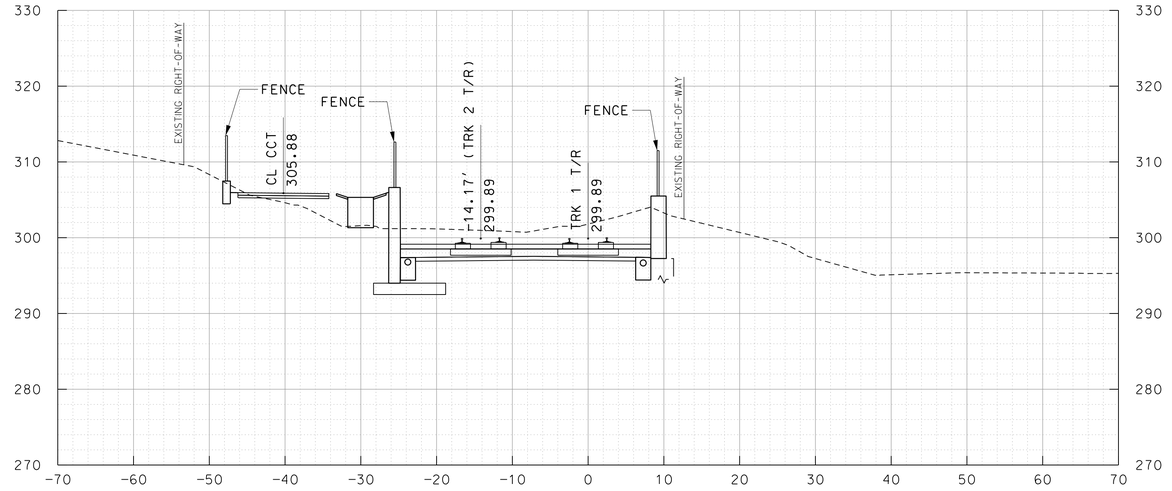
TRK 1 130+00



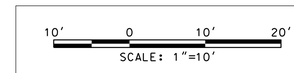
TRK 1 131+00



TRK 1 129+50



TRK 1 130+50



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 129+50 TO STA TRK 1 131+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-016

SHEET NO. 25 OF 736

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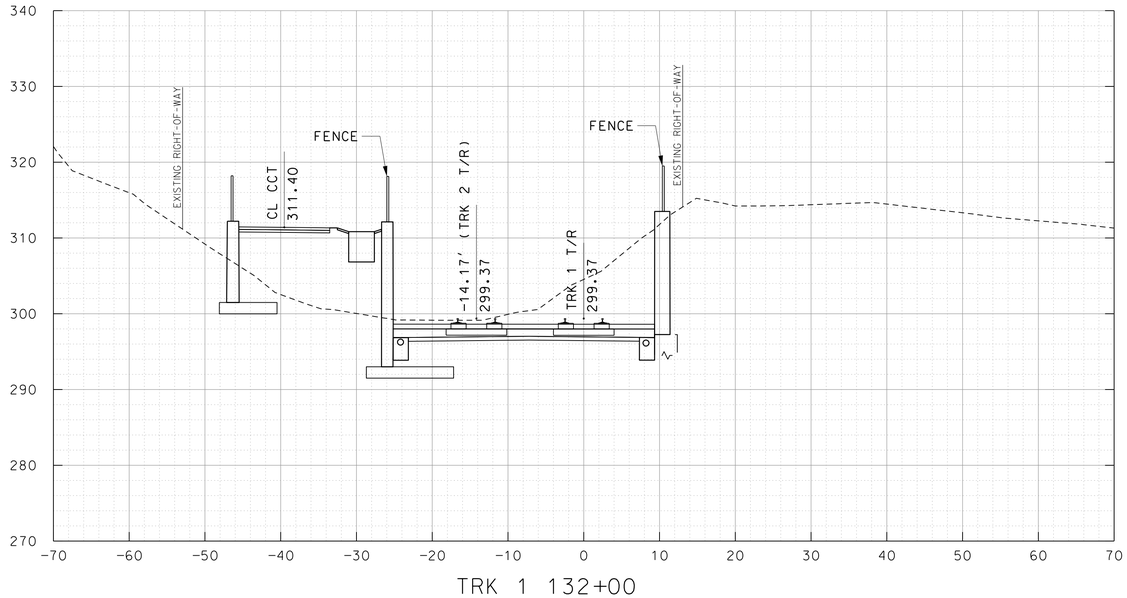
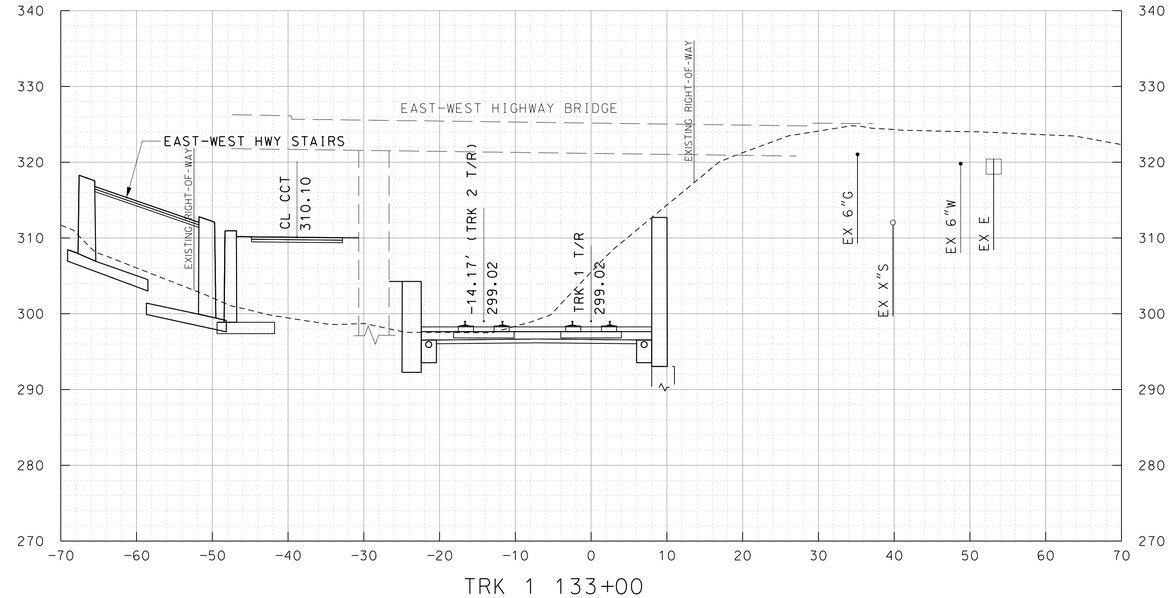
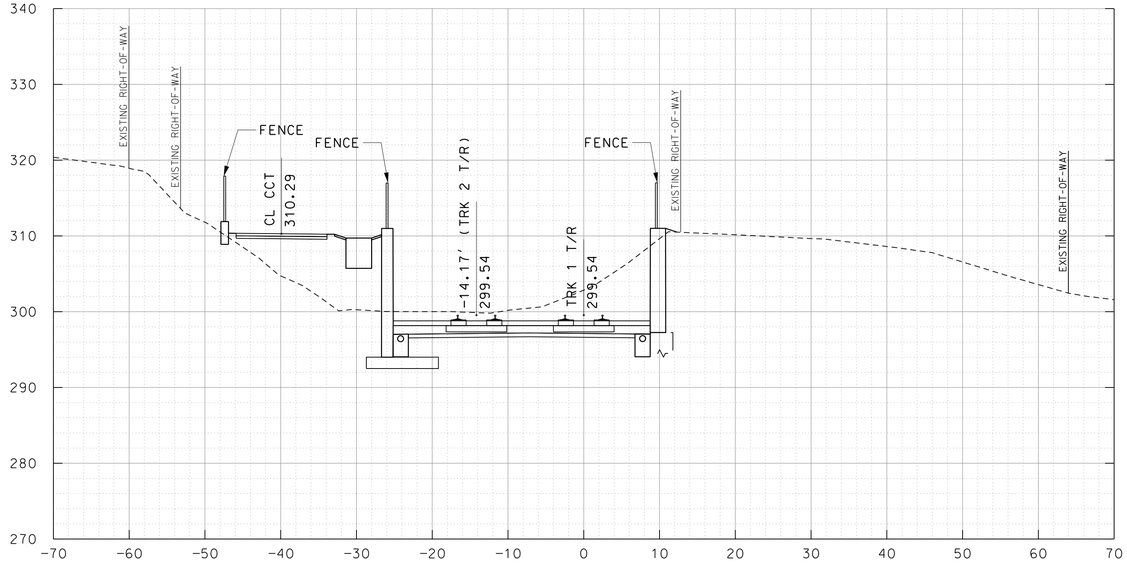
12/11/2013



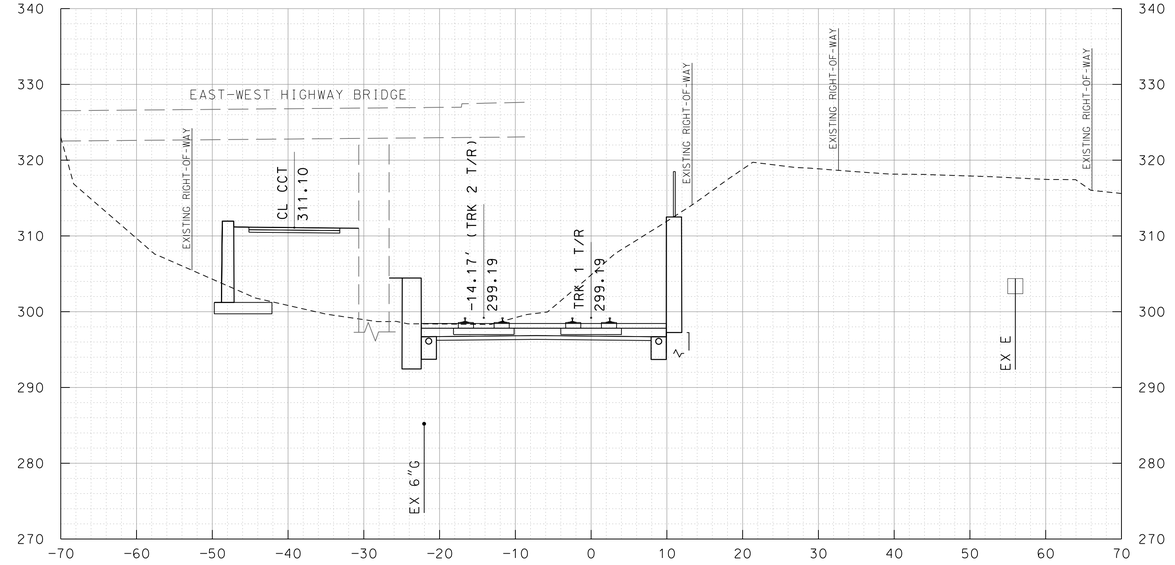
TRK 1 132+00



TRK 1 133+00



TRK 1 131+50



TRK 1 132+50

10' 0 10' 20'
SCALE: 1"=10'

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 131+50 TO STA TRK 1 133+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-017
SHEET NO. 26 OF 736

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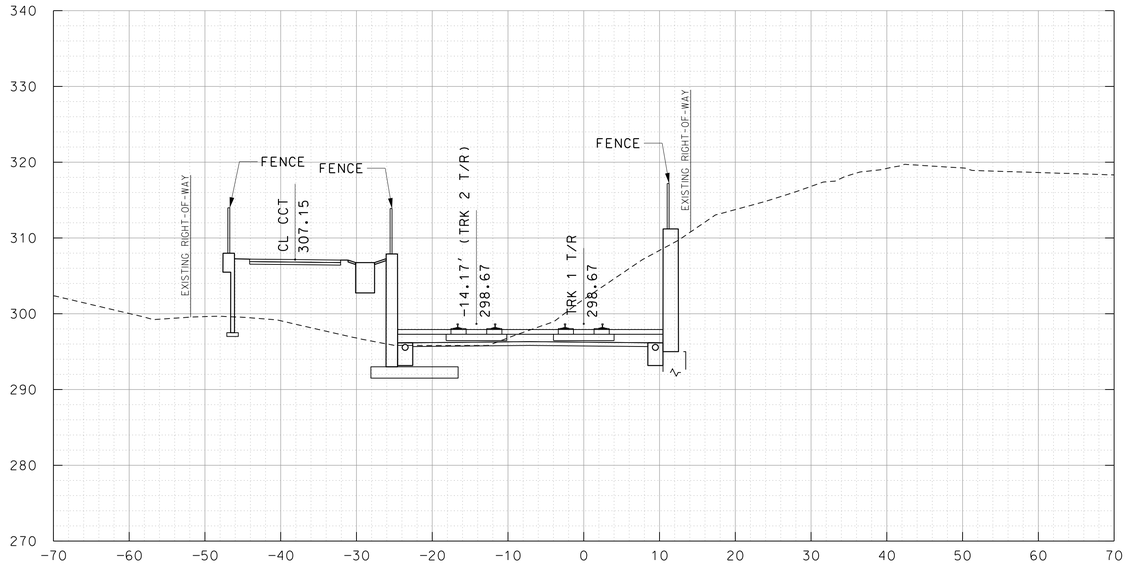
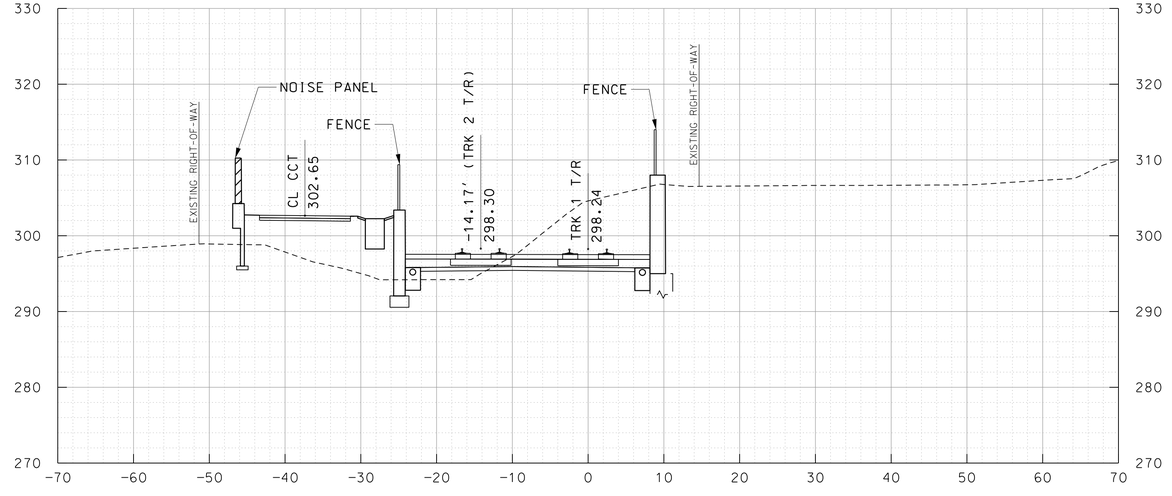
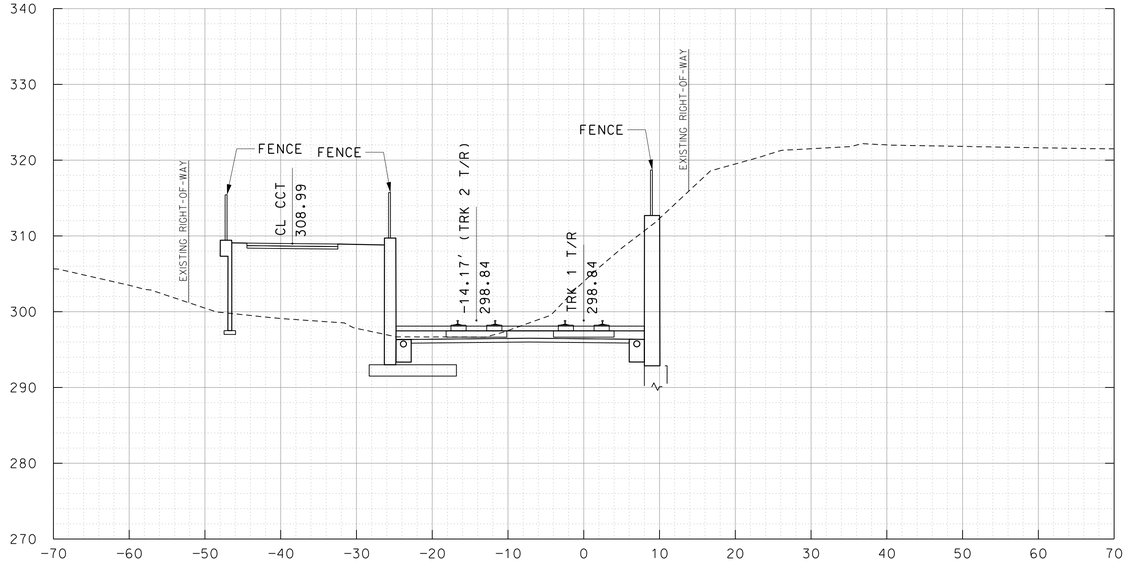
12/11/2013



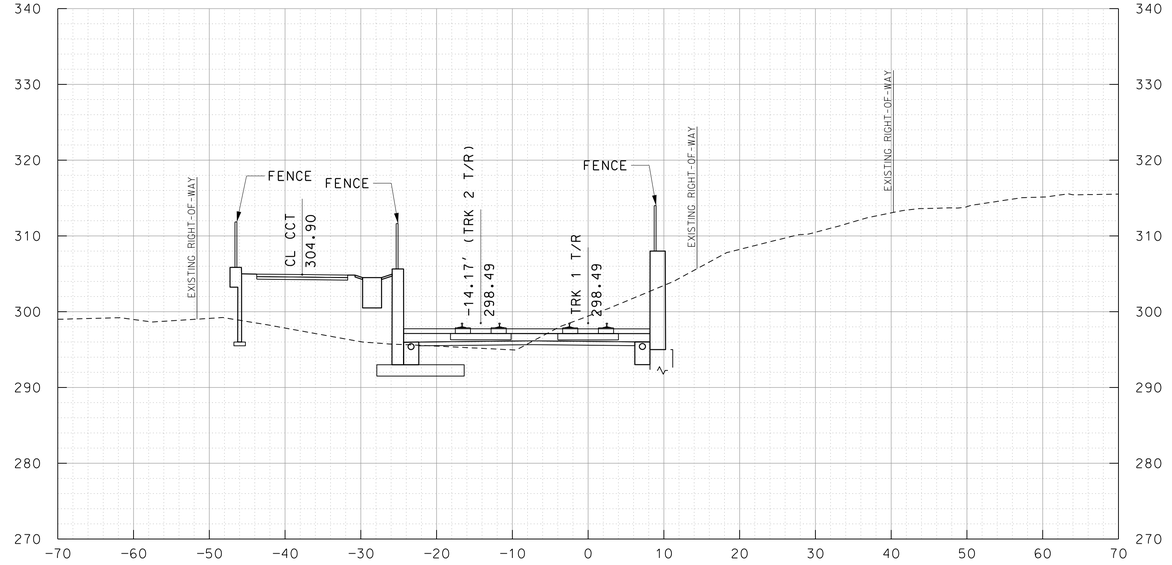
TRK 1 134+00



TRK 1 135+00



TRK 1 133+50



TRK 1 134+50

10' 0 10' 20'
SCALE: 1"=10'

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MTA Maryland

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 133+50 TO STA TRK 1 135+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-018
SHEET NO. 27 OF 736

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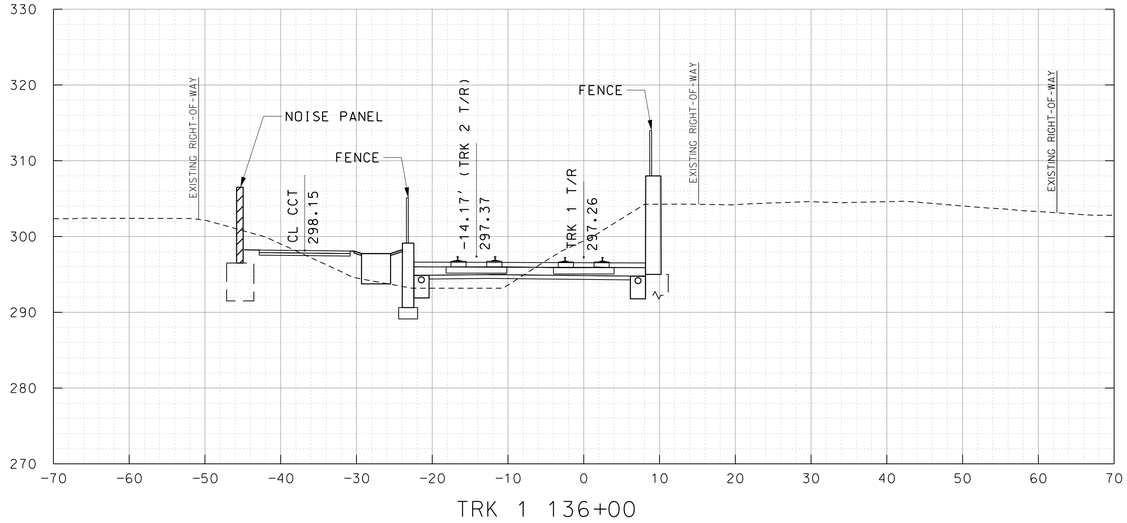
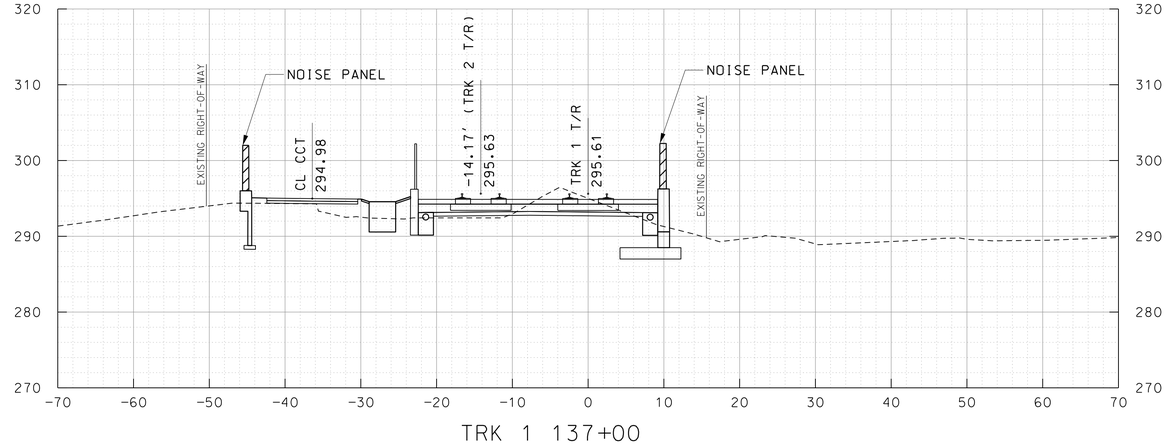
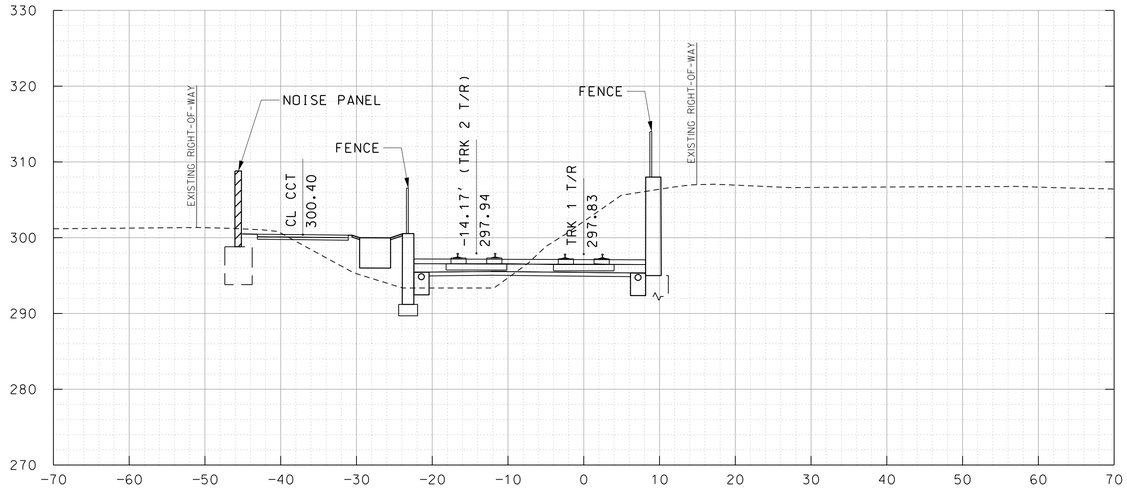
12/11/2013



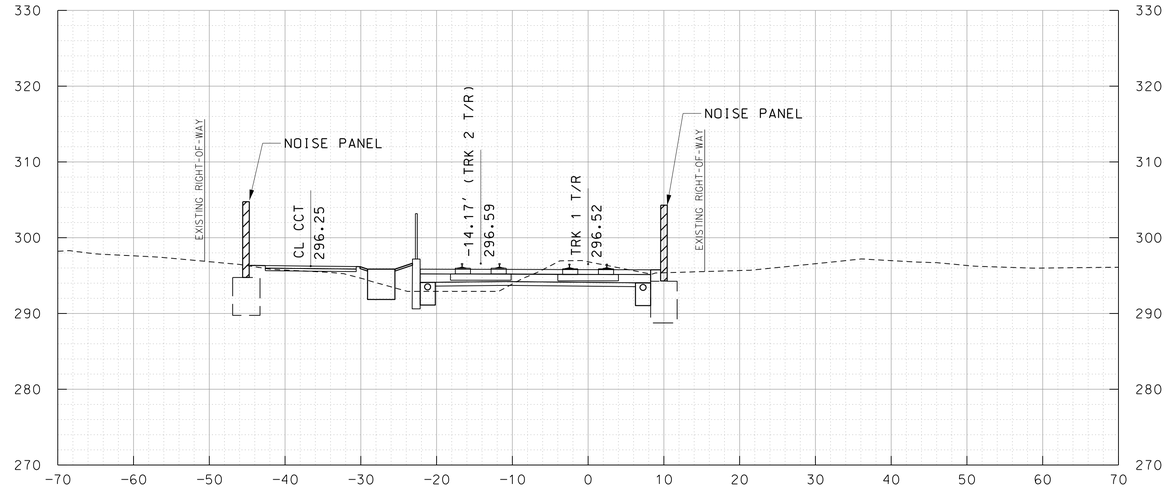
TRK 1 136+00



TRK 1 137+00



TRK 1 135+50



TRK 1 136+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
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DESIGN
DRAWN
CHECK
APPR

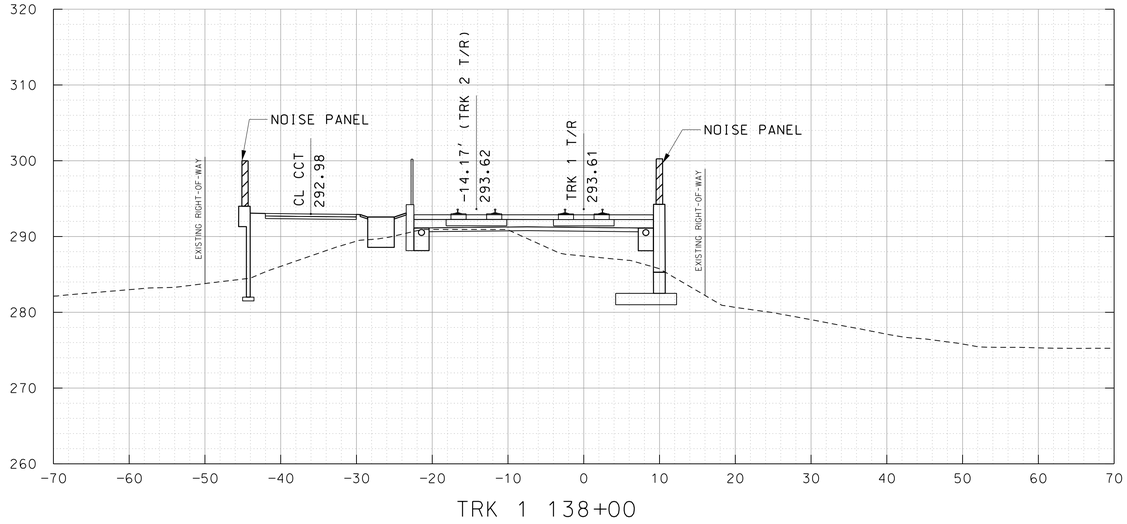
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 135+50 TO STA TRK 1 137+00

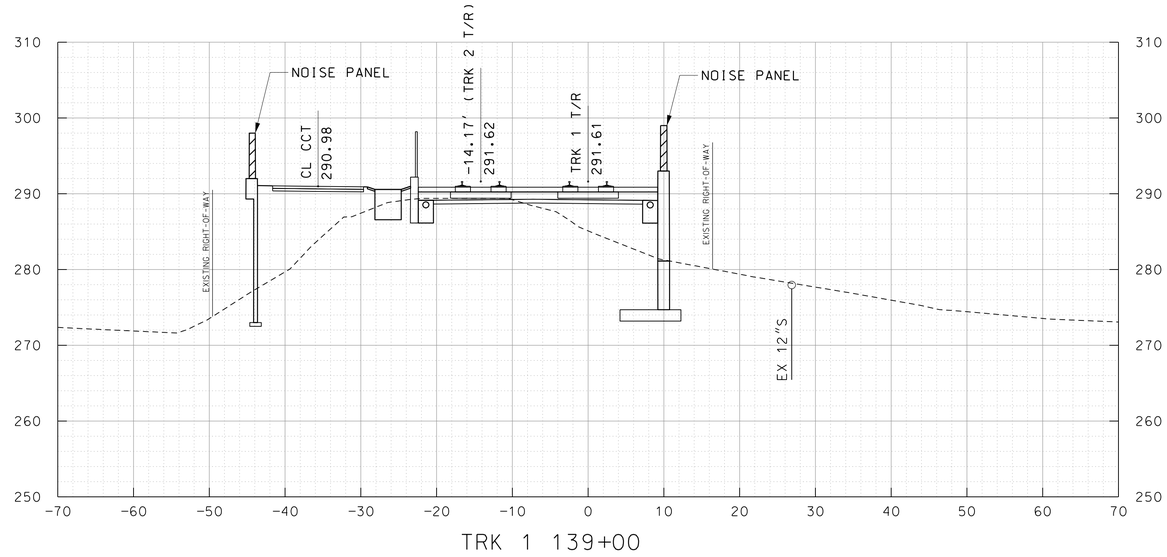
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-019
SHEET NO. 28 OF 736

c:\pwworking\mtapw\wra-daniel beaver\d0103936\1042pXS1101.dgn
12/11/2013



TRK 1 138+00



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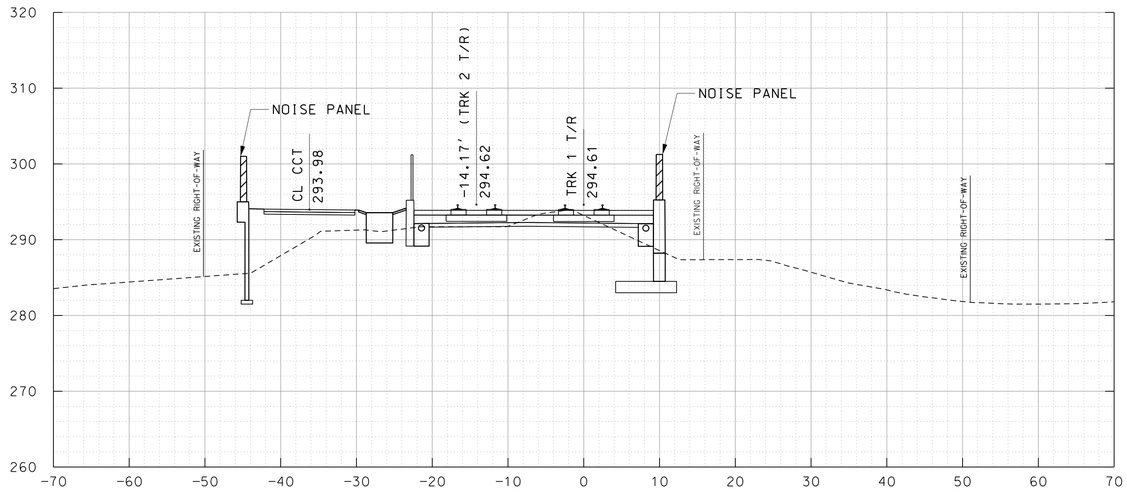

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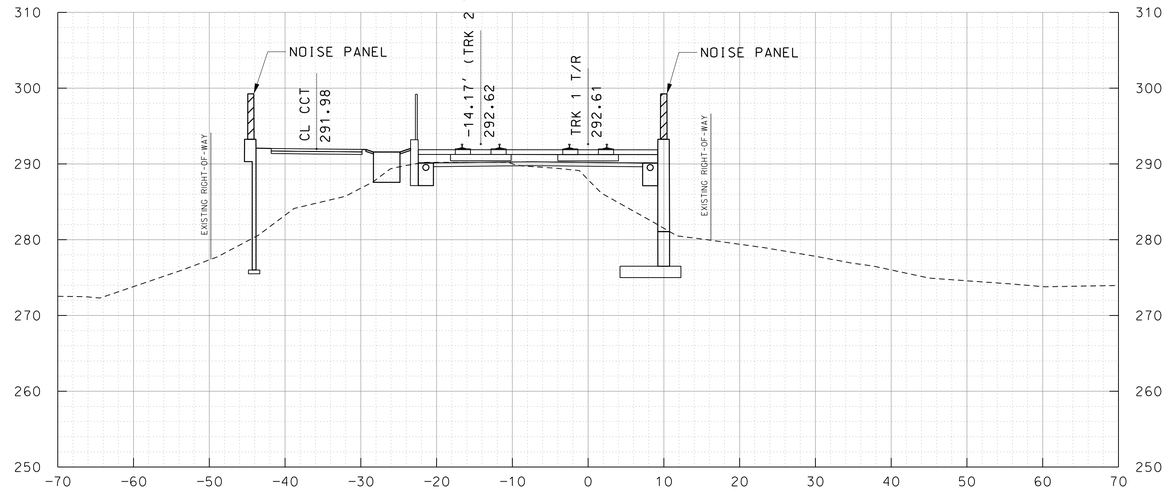

TRK 1 138+50

10' 0 10' 20'

SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

PROFESSIONAL CERTIFICATION

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DESIGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 137+50 TO STA TRK 1 139+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-020

SHEET NO. 29 OF 736

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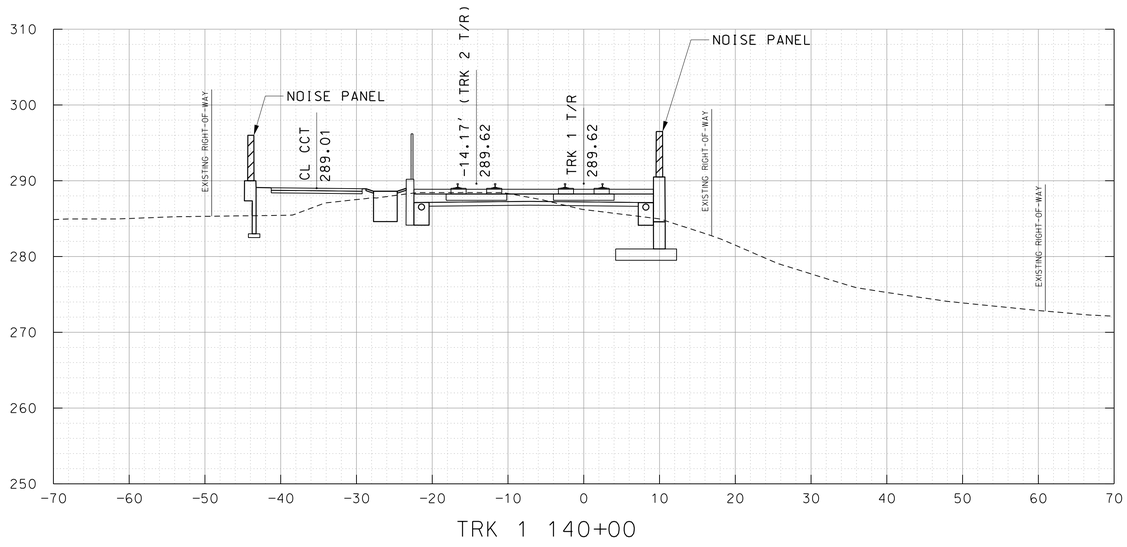
12/11/2013



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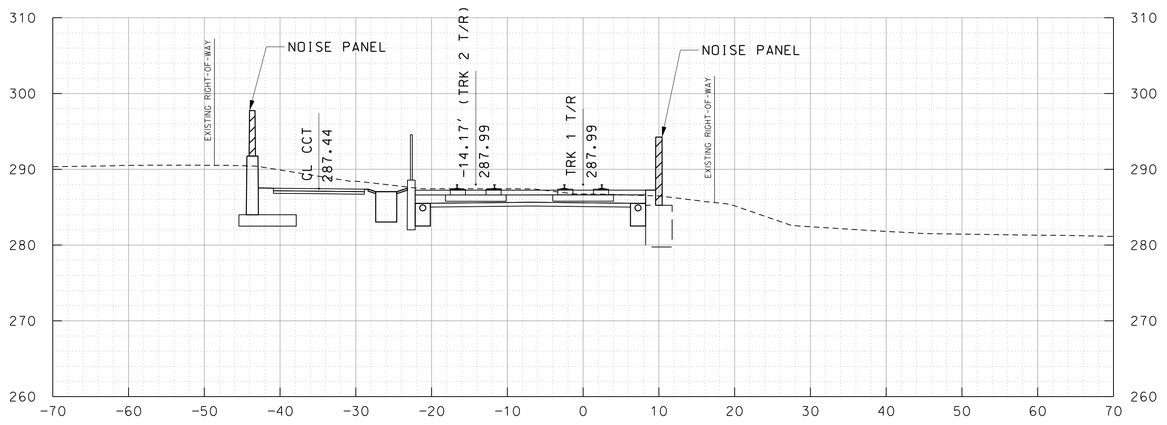

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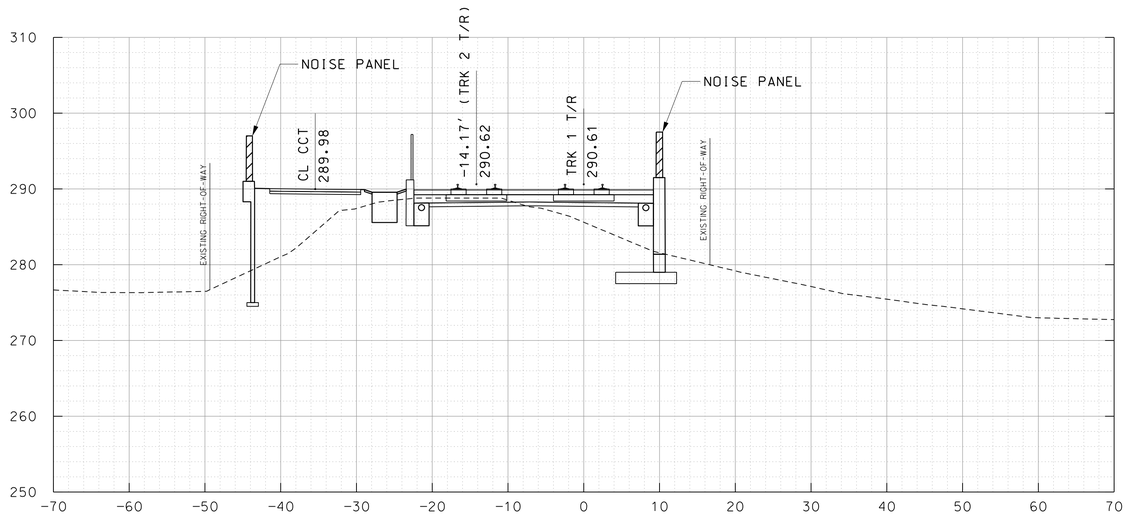

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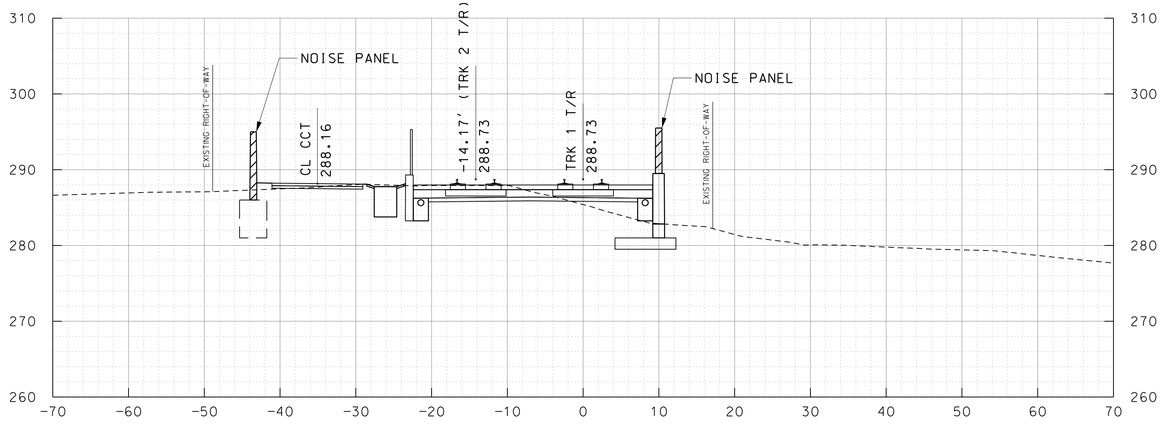

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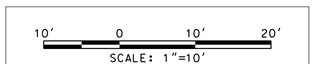

MARYLAND DEPARTMENT OF TRANSPORTATION

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Gannett Fleming — WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 139+50 TO STA TRK 1 141+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-021
SHEET NO. 30 OF 736

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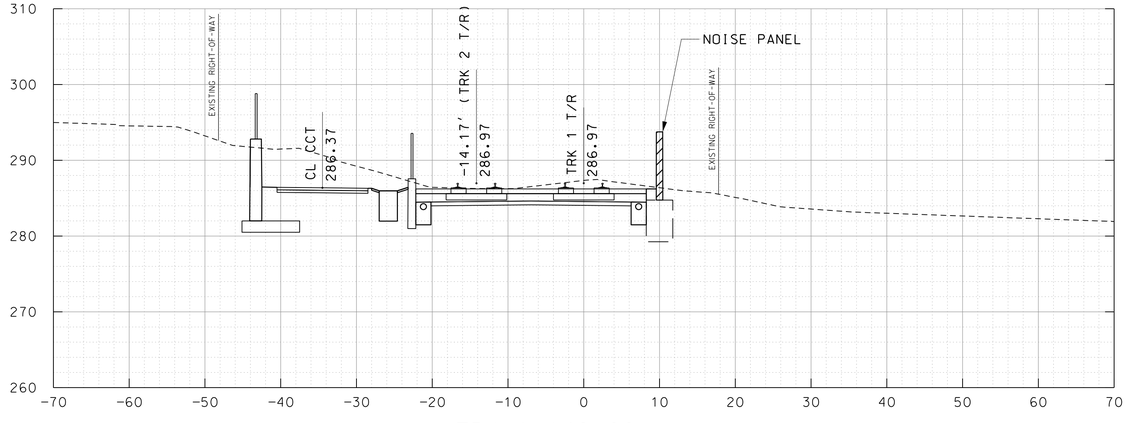
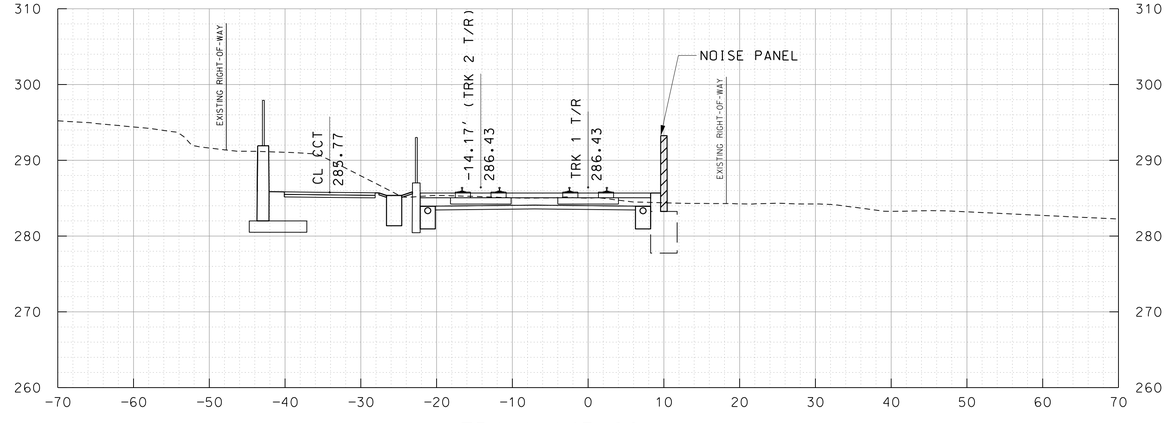
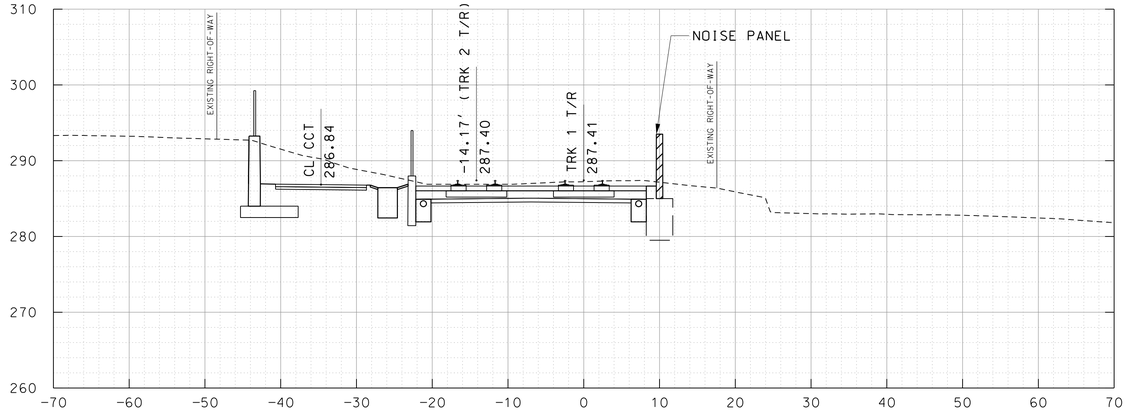
12/11/2013



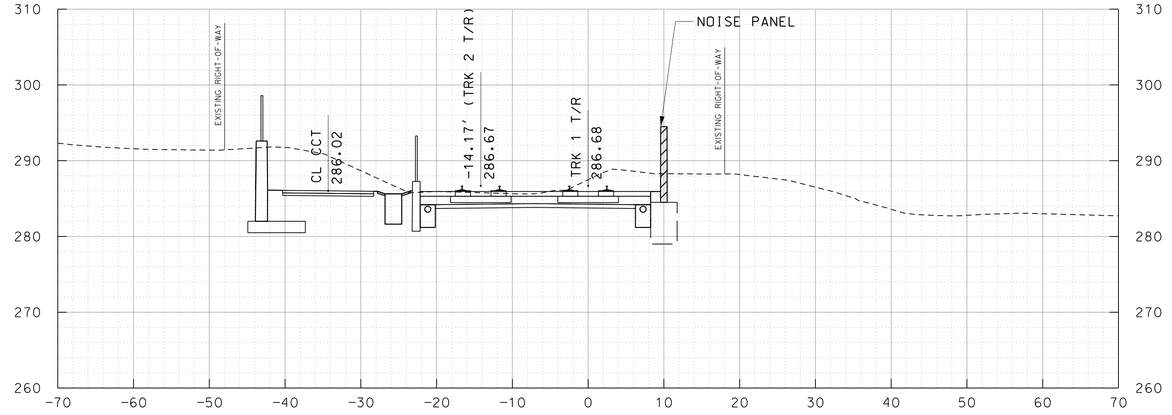
TRK 1 142+00



TRK 1 143+00



TRK 1 141+50



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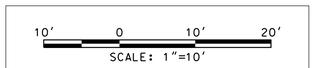

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MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

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DESIGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 141+50 TO STA TRK 1 143+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-022

SHEET NO. 31 OF 736

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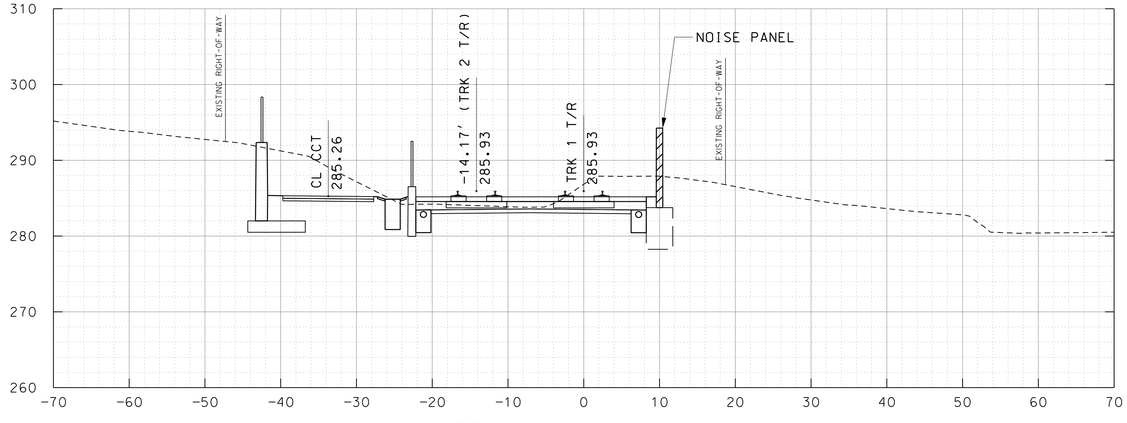
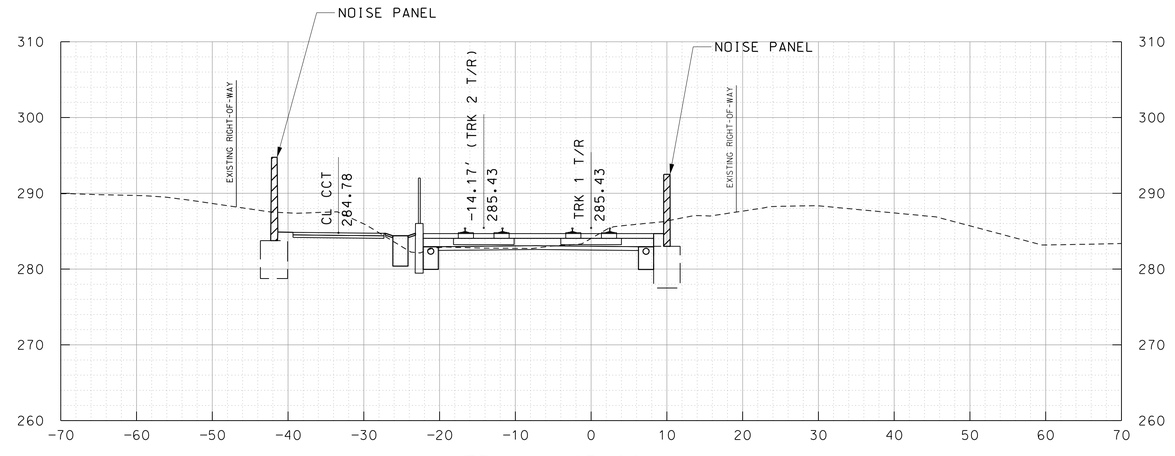
12/11/2013



TRK 1 144+00



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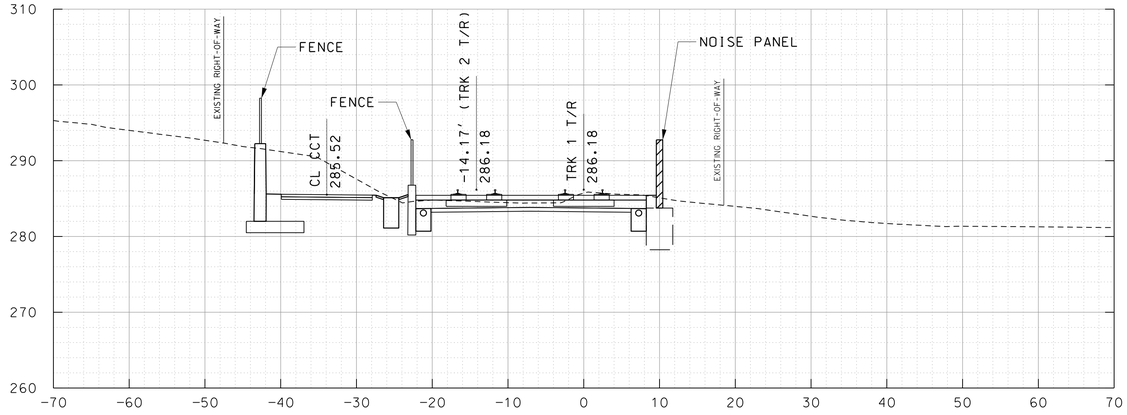

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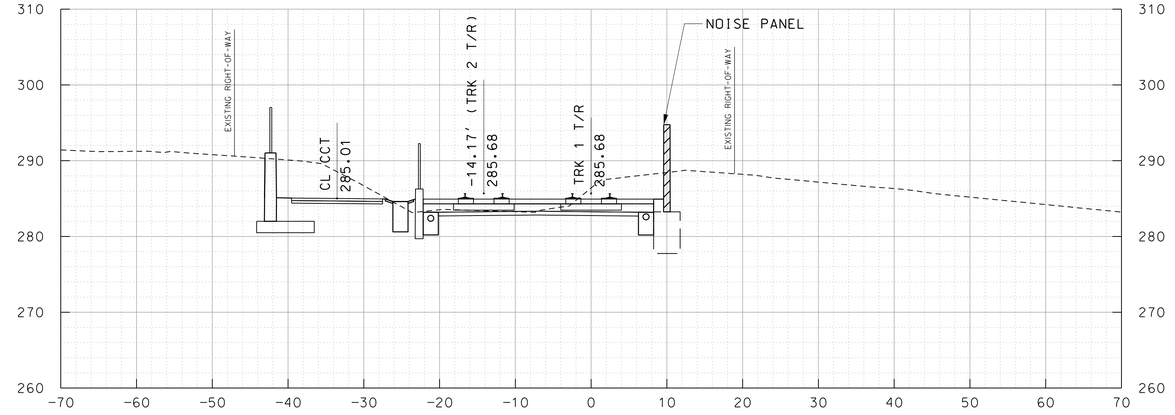

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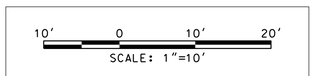

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Gannett Fleming — WR&A

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 143+50 TO STA TRK 1 145+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-023
SHEET NO. 32 OF 736

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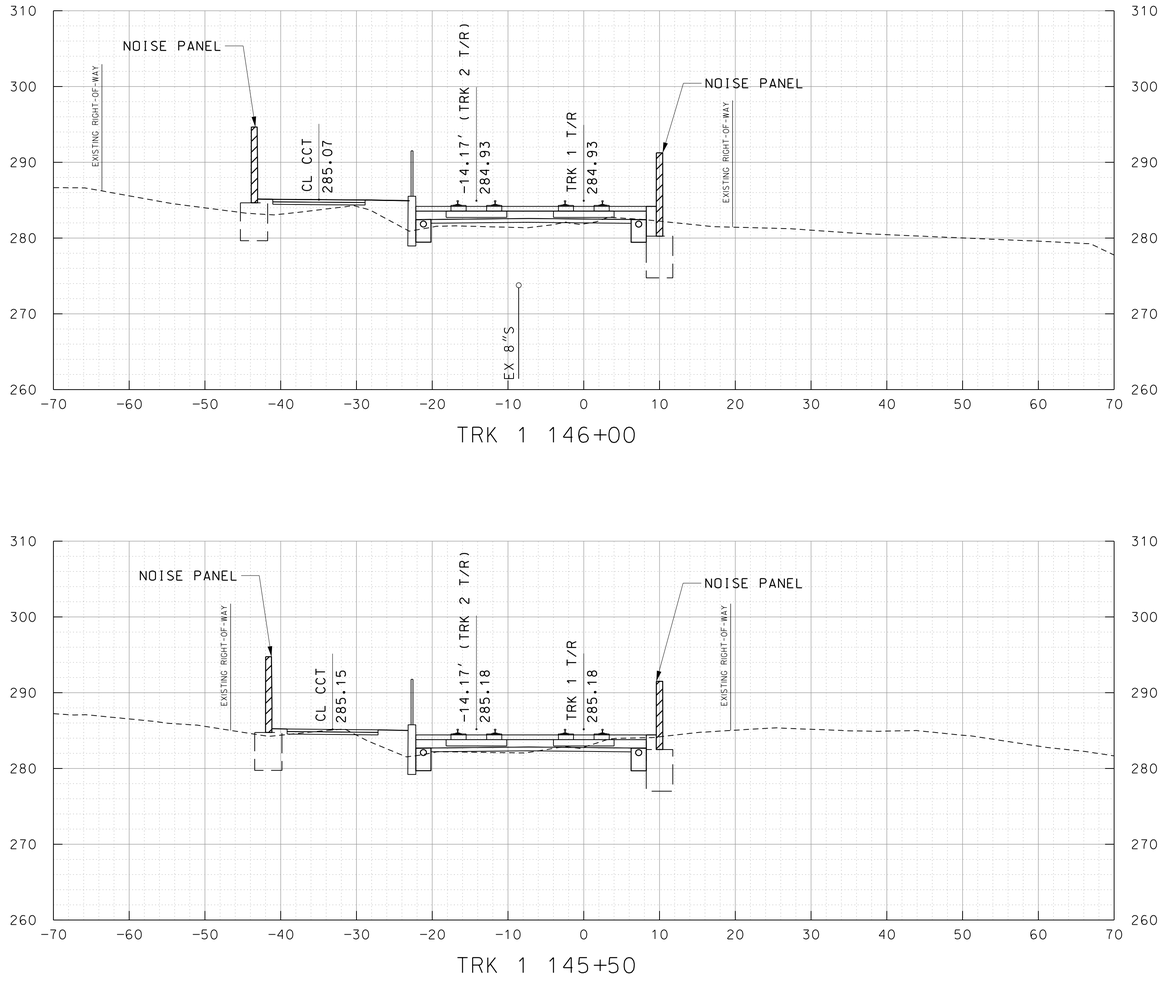
12/11/2013



TRK 1 146+00

TRK 1 145+50

10' 0 10' 20'

SCALE: 1"=10'

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 145+50 TO STA TRK 1 146+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-024

SHEET NO. 33 OF 736

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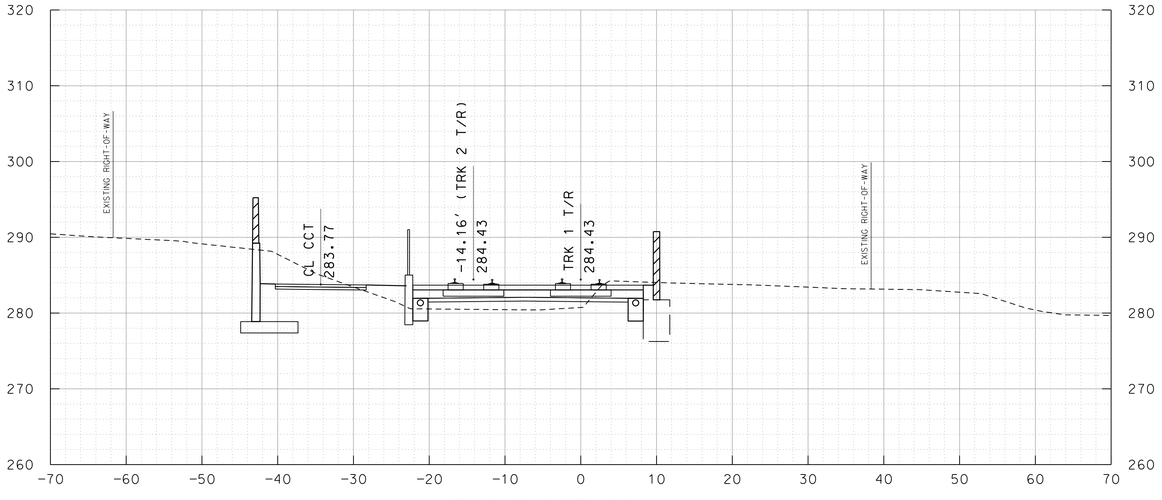
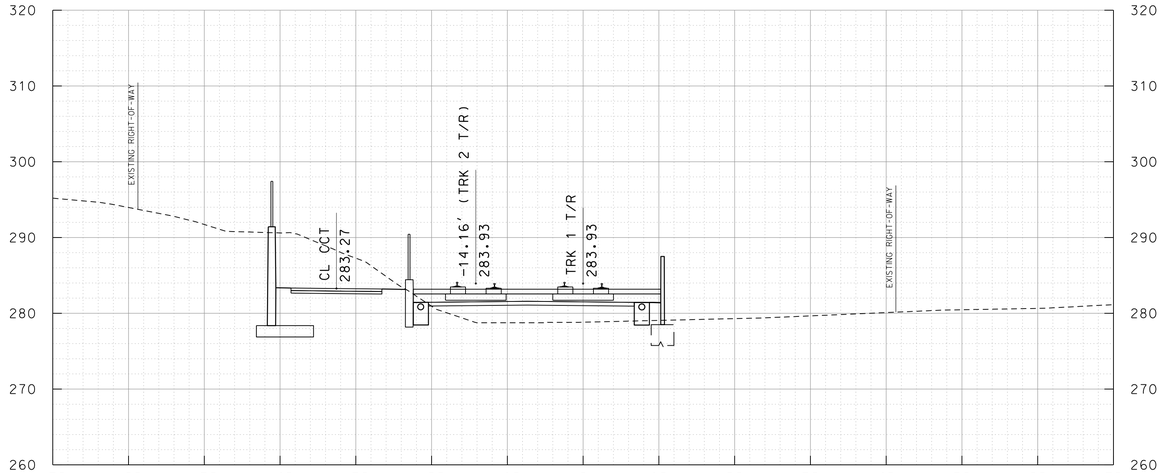
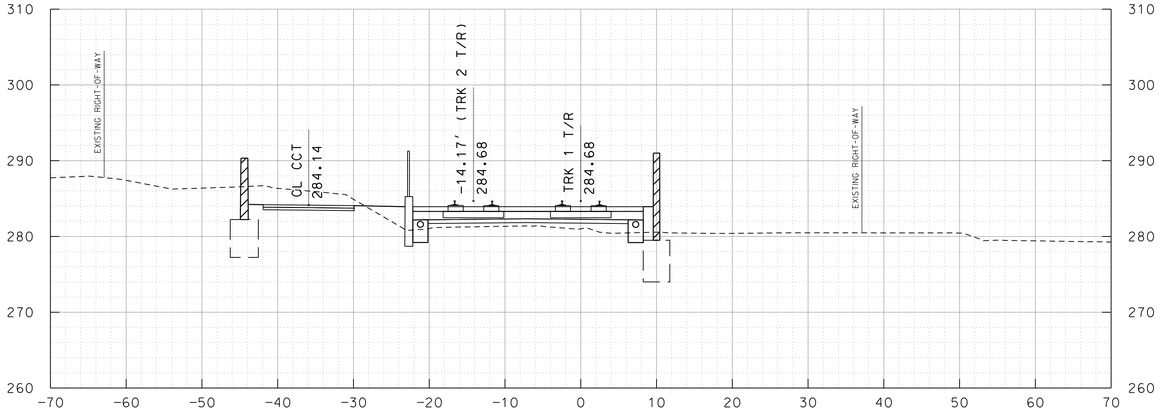
12/11/2013



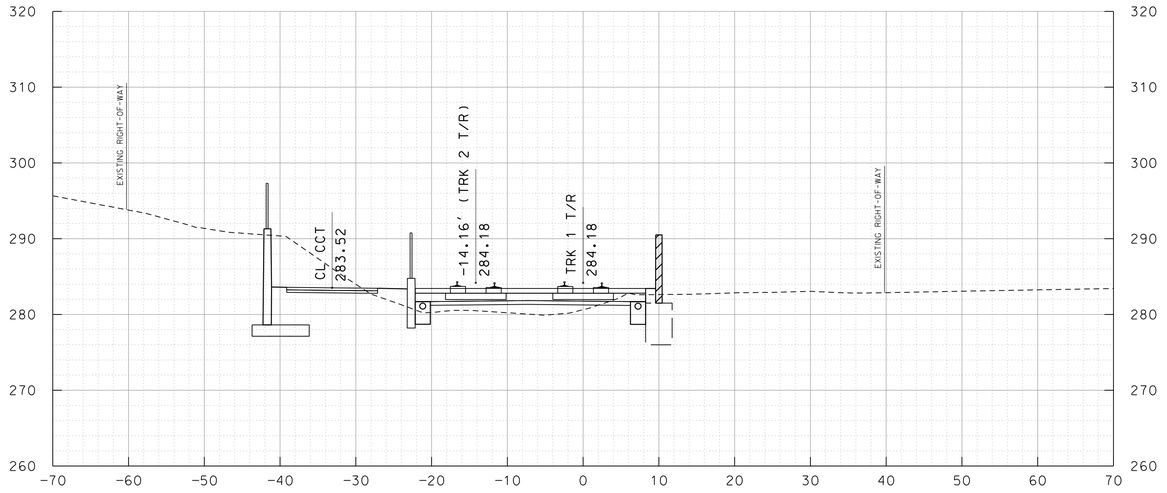
TRK 1 147+00



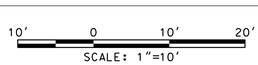
TRK 1 148+00



TRK 1 146+50



TRK 1 147+50



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Gannett Fleming — WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 146+50 TO STA TRK 1 148+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-025
SHEET NO. 34 OF 736

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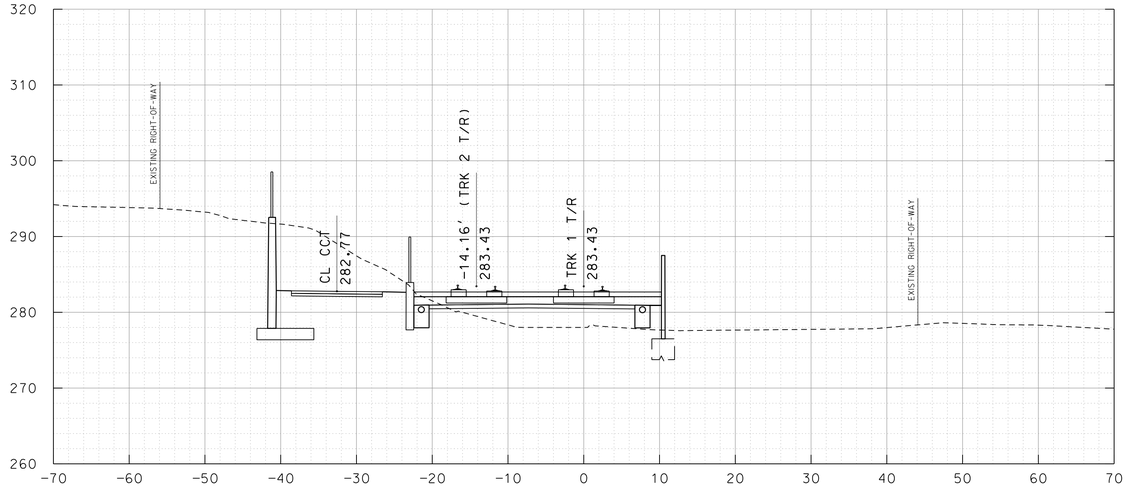
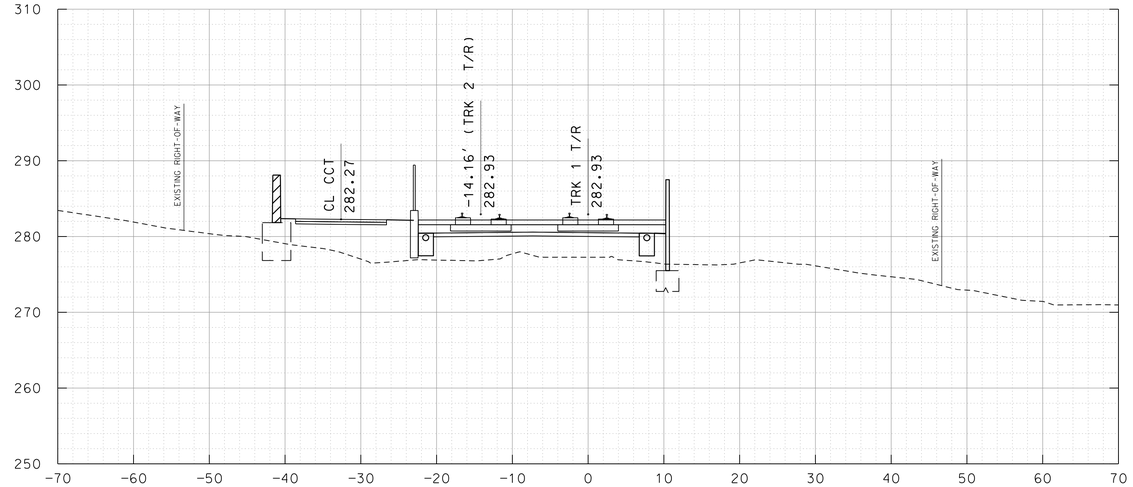
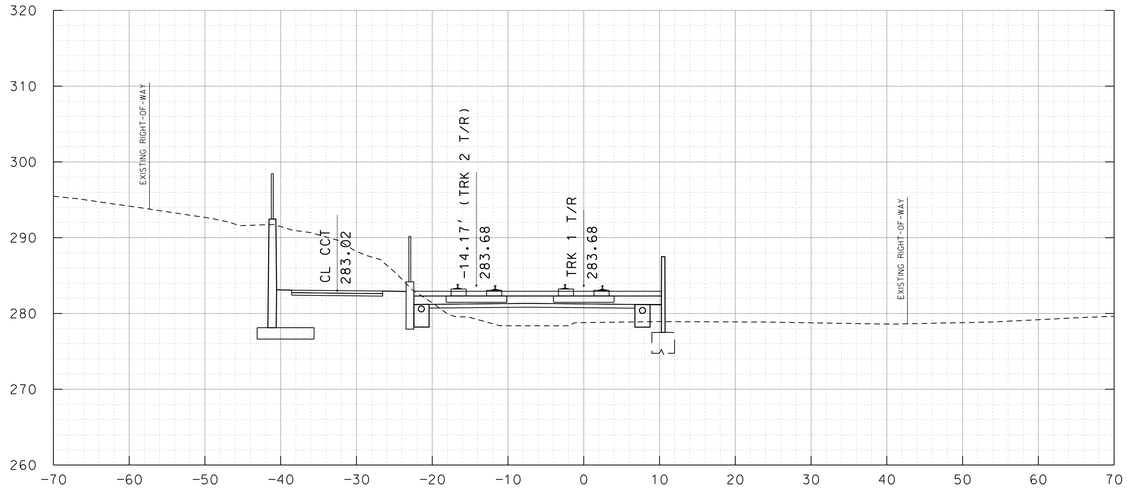
12/11/2013



TRK 1 149+00



TRK 1 150+00



TRK 1 148+50



TRK 1 149+50

10' 0 10' 20'

SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

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DESIGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 148+50 TO STA TRK 1 150+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-026

SHEET NO. 35 OF 736

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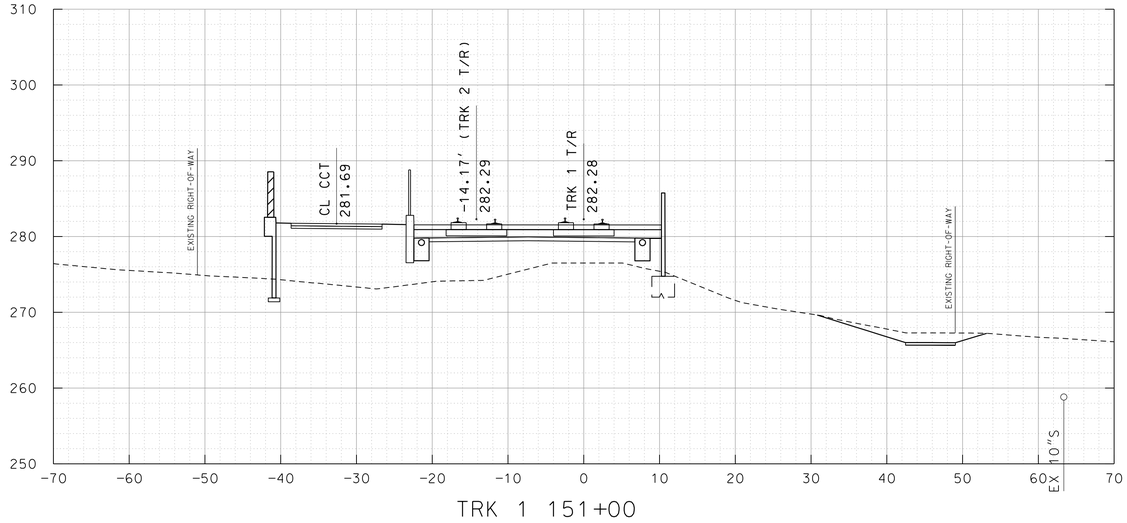
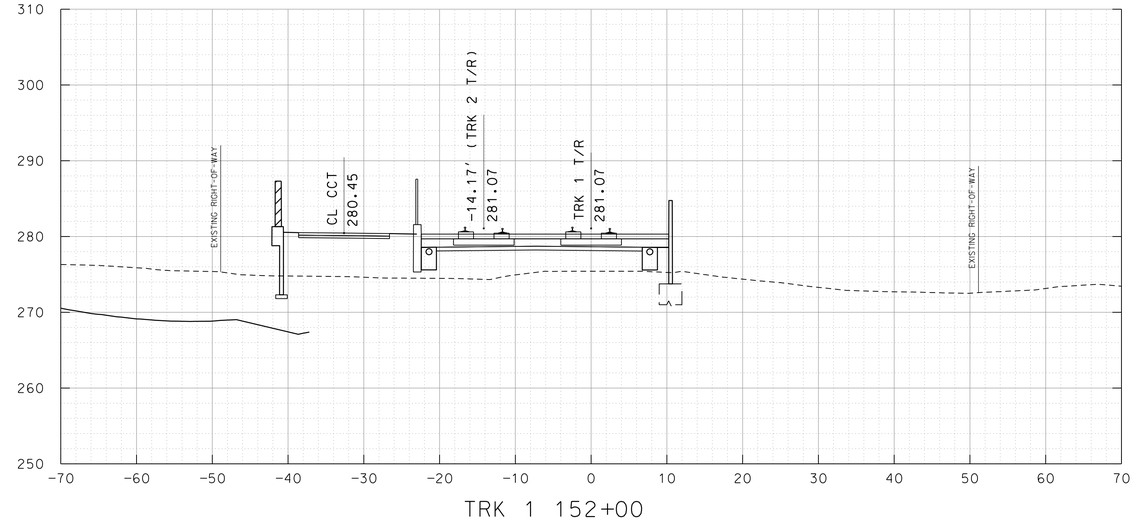
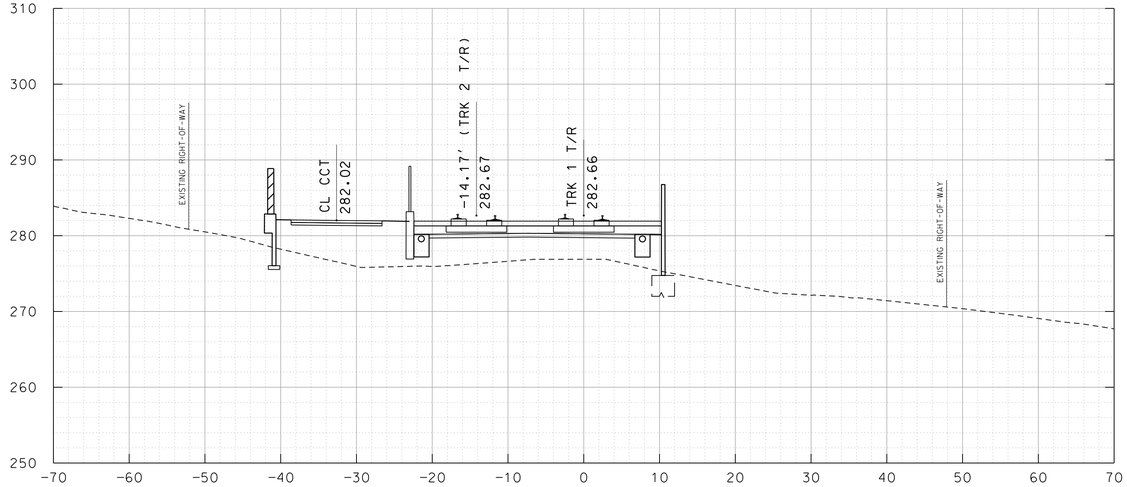
12/11/2013



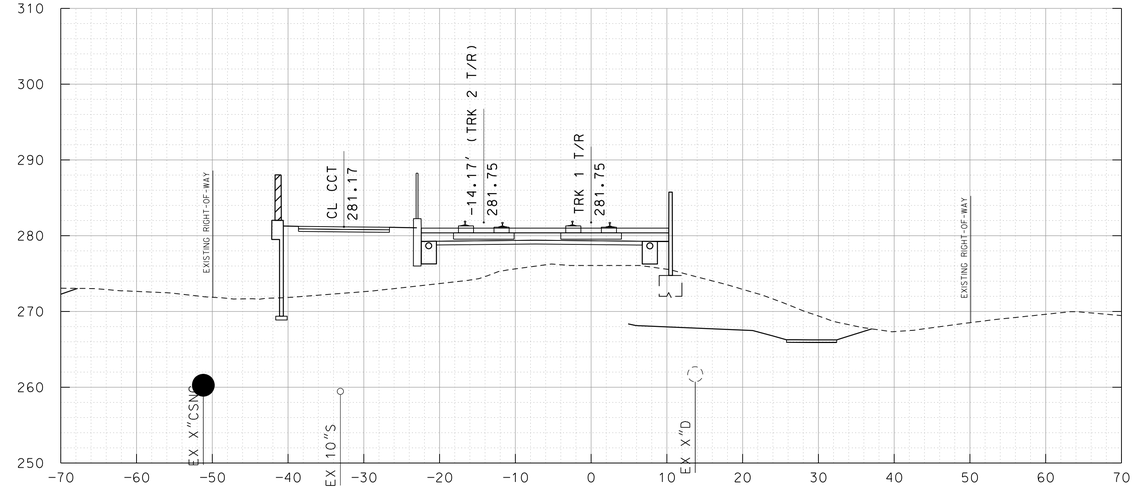
TRK 1 151+00



TRK 1 152+00



TRK 1 150+50



TRK 1 151+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 150+50 TO STA TRK 1 152+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO.
T-1042-0220
DRAWING NO.
XS-027
SHEET NO.
36 OF 736

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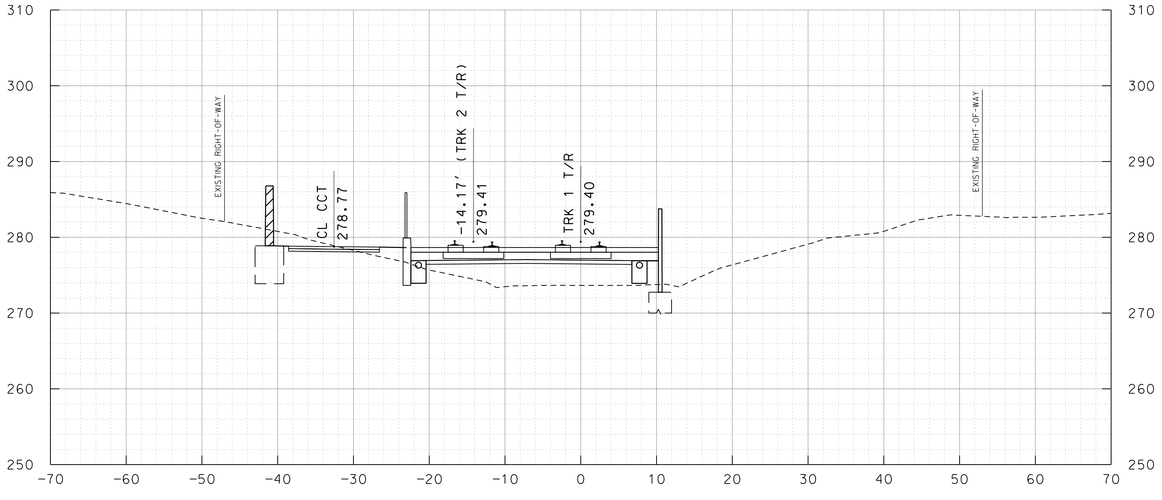
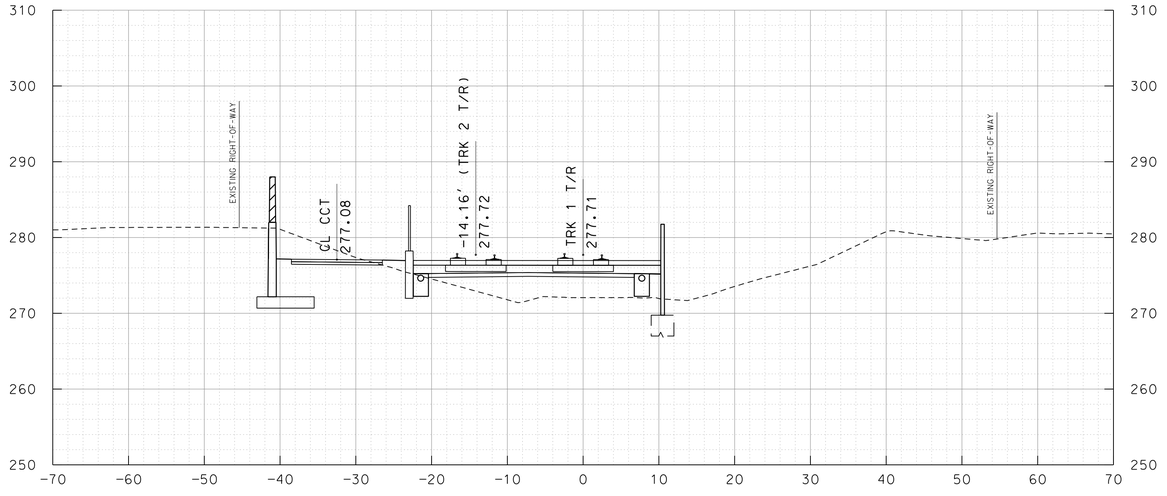
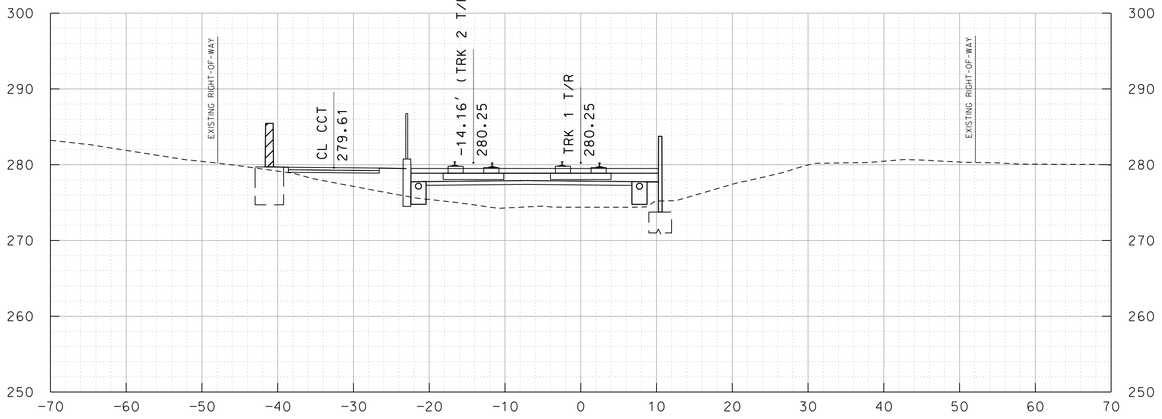
12/11/2013



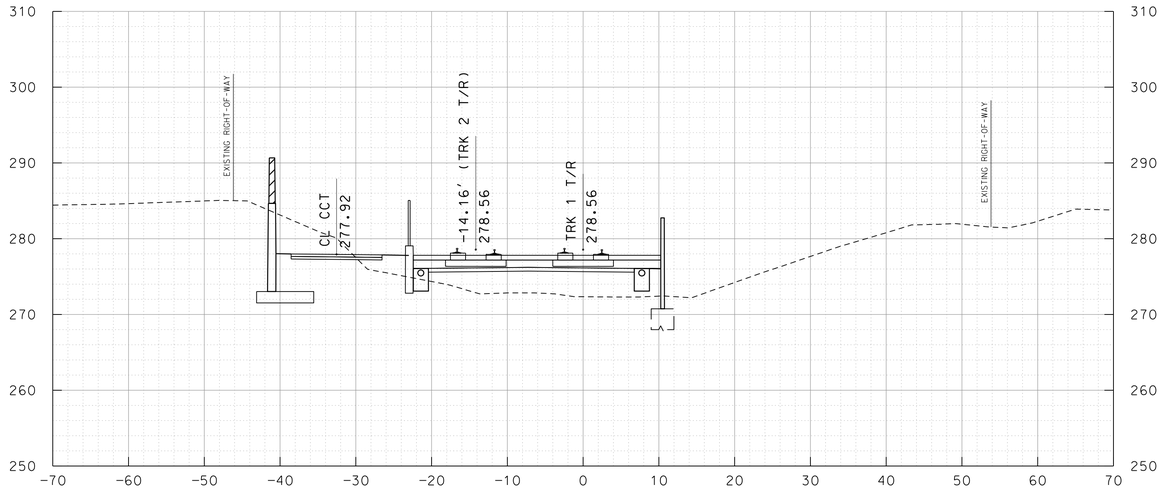
TRK 1 153+00



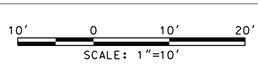
TRK 1 154+00



TRK 1 152+50



TRK 1 153+50



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DESIGN
DRAWN
CHECK
APPR

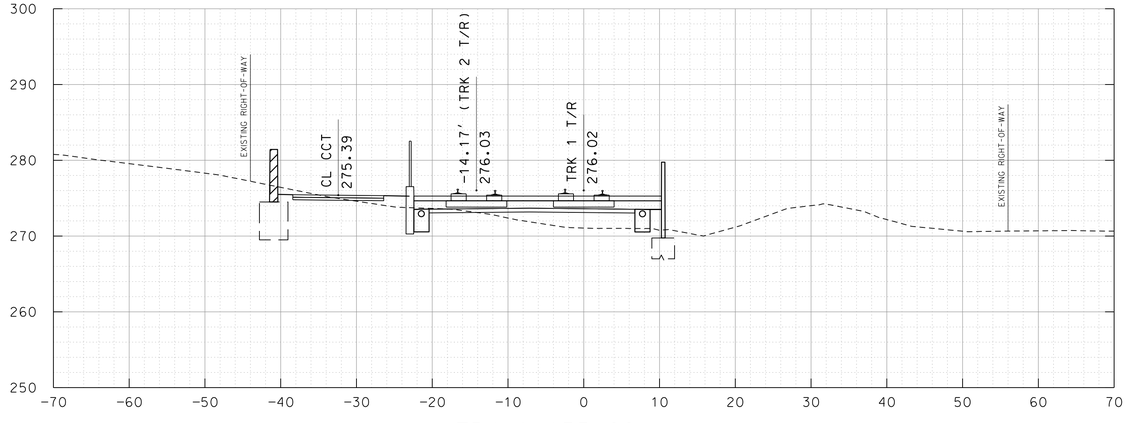
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 152+50 TO STA TRK 1 154+00

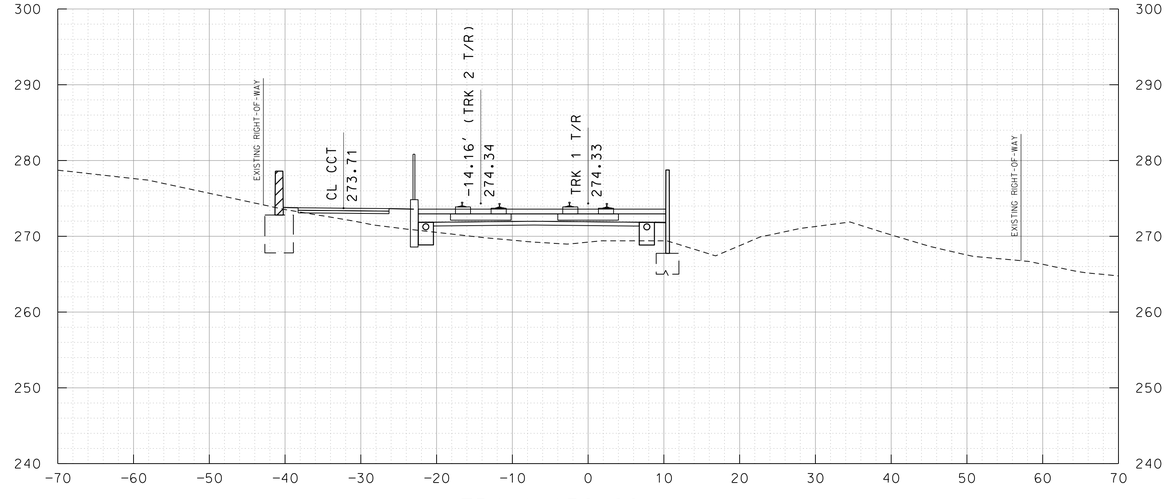
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-028
SHEET NO. 37 OF 736

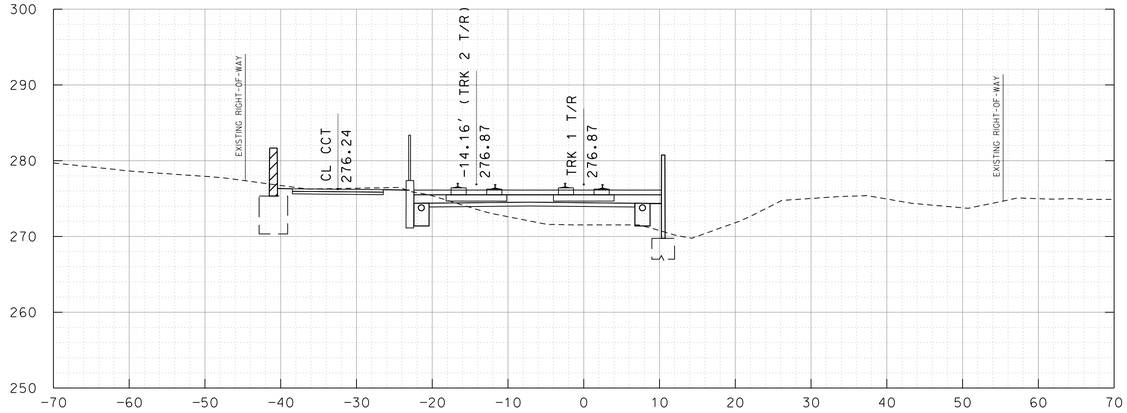
c:\pwworking\mtapw\wra-daniel beaver\d0103936\1042pXS1101.dgn
12/11/2013



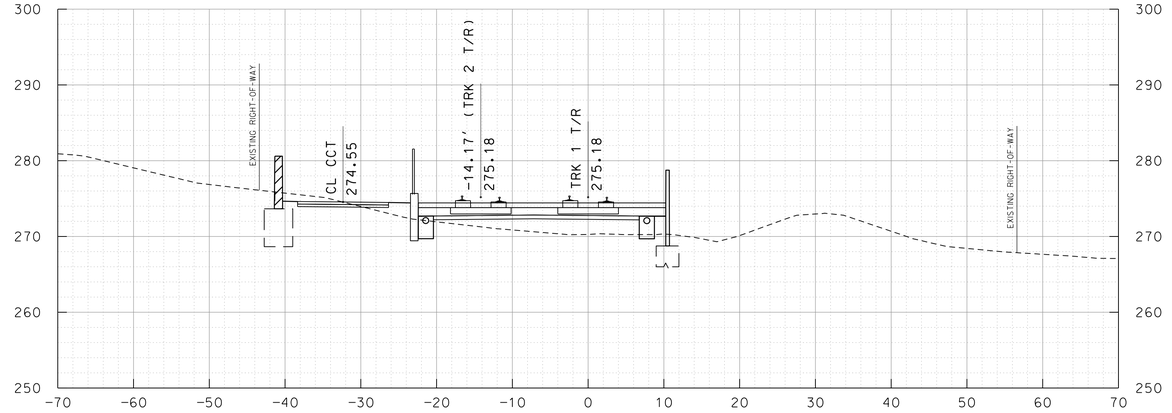
TRK 1 155+00



TRK 1 156+00



TRK 1 154+50



TRK 1 155+50

10' 0 10' 20'
SCALE: 1"=10'

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MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming
WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 154+50 TO STA TRK 1 156+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-029
SHEET NO. 38 OF 736

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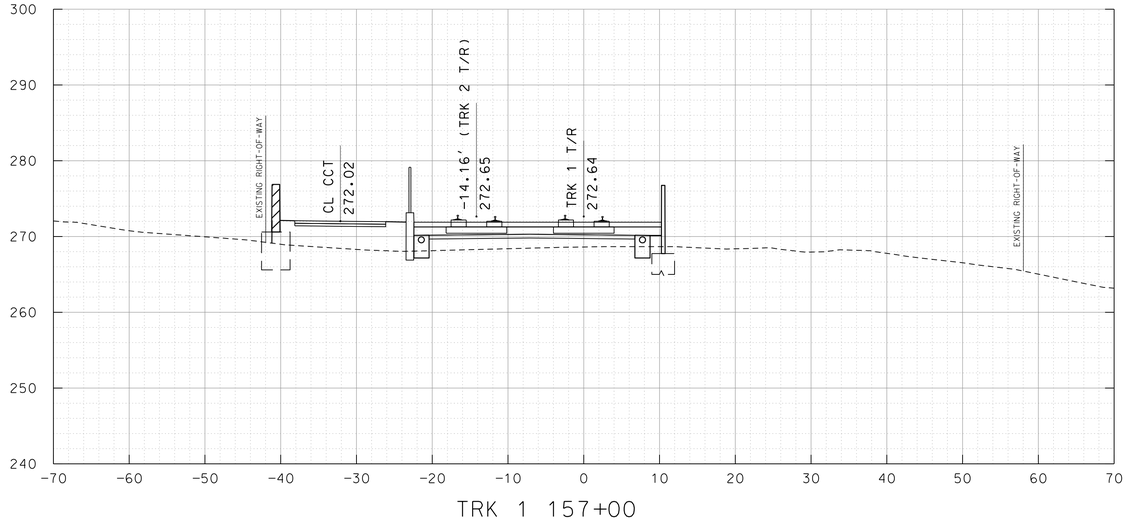
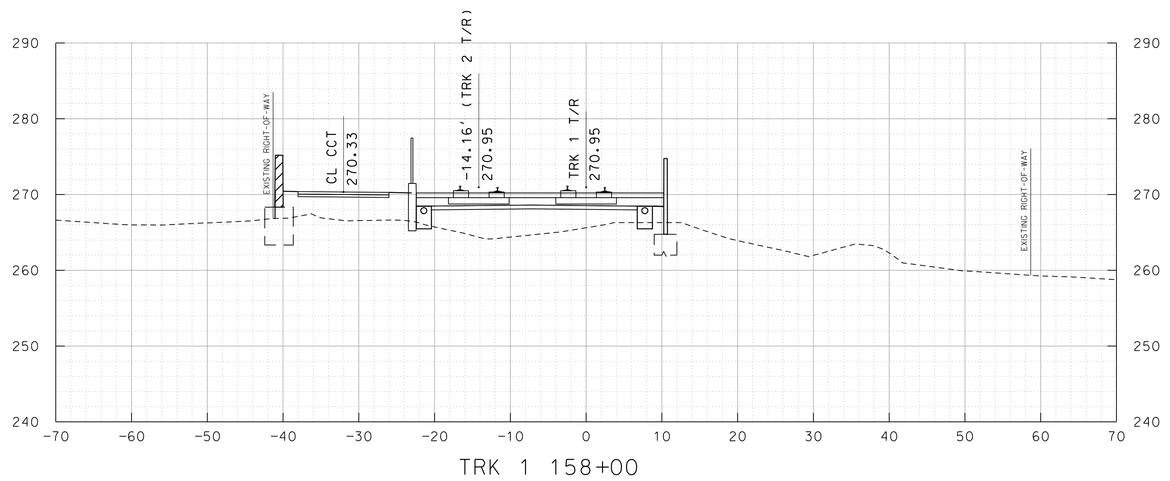
12/11/2013



TRK 1 157+00



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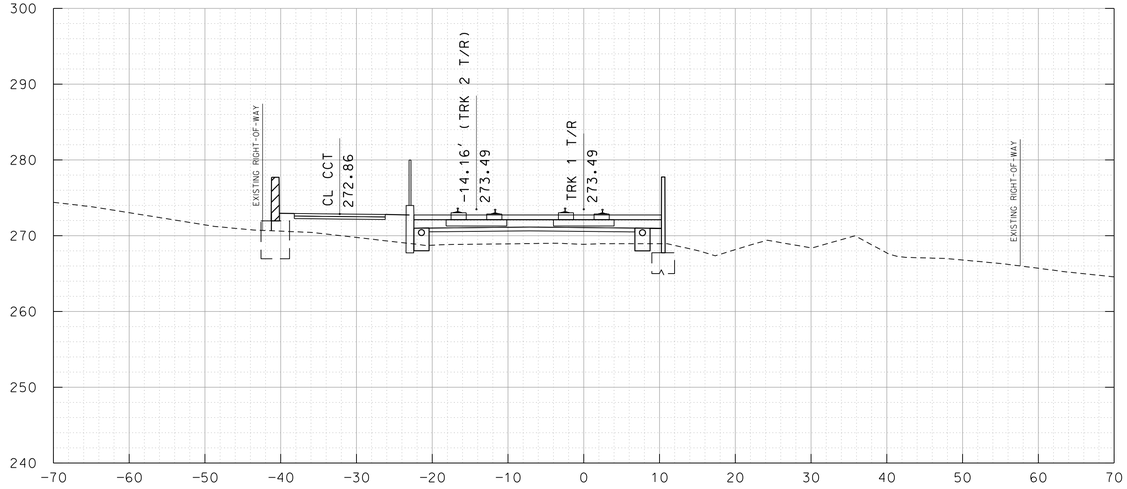

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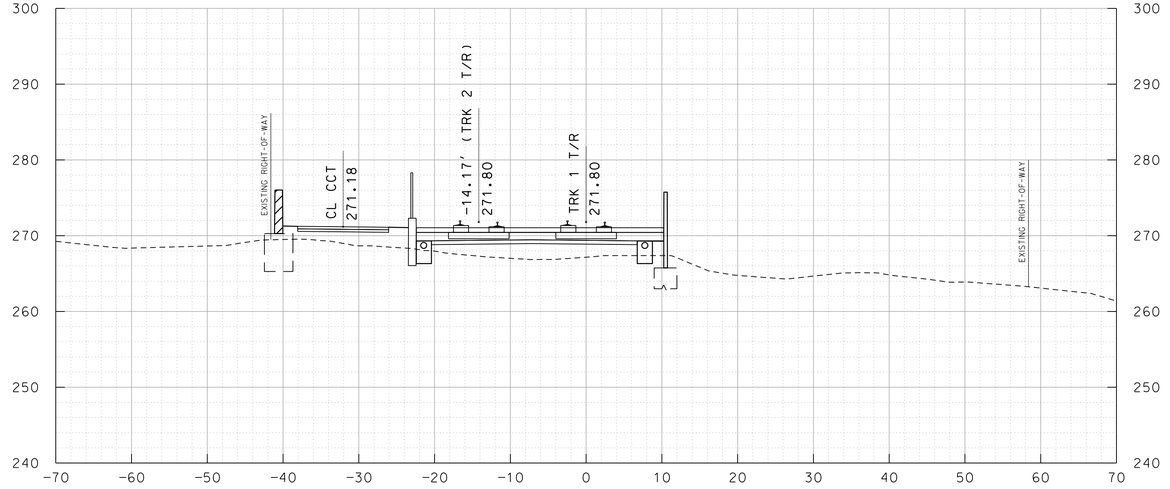

TRK 1 157+50



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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 156+50 TO STA TRK 1 158+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-030
SHEET NO. 39 OF 736

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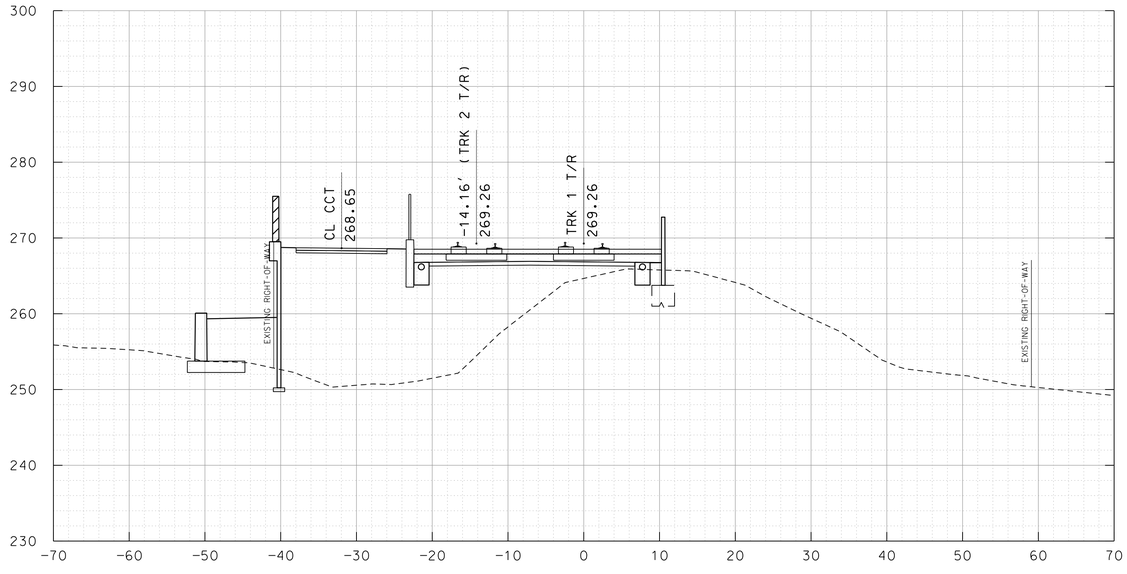
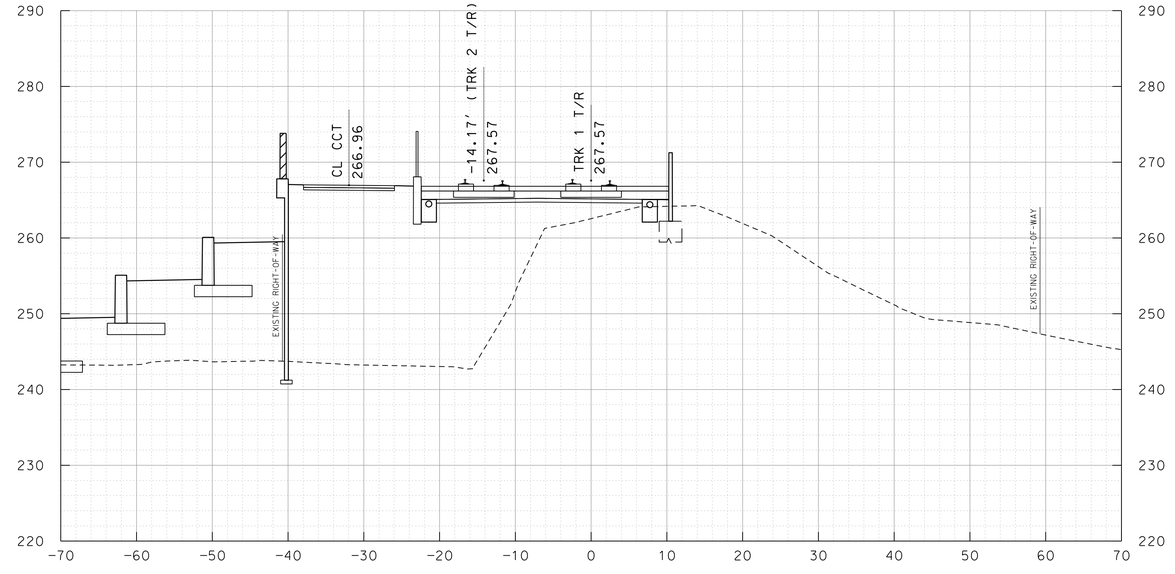
12/11/2013



TRK 1 159+00



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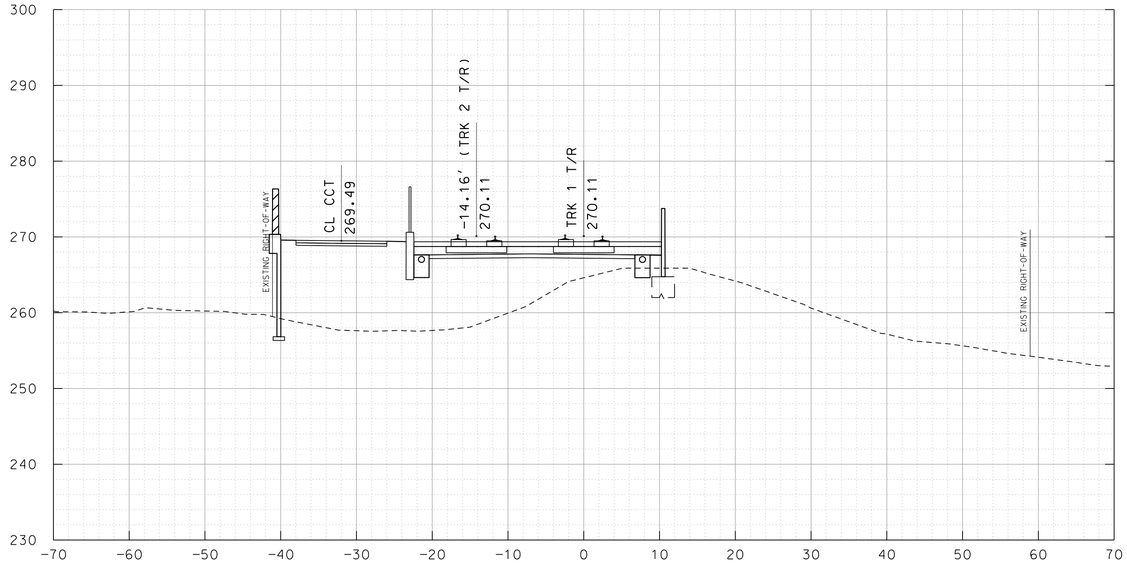
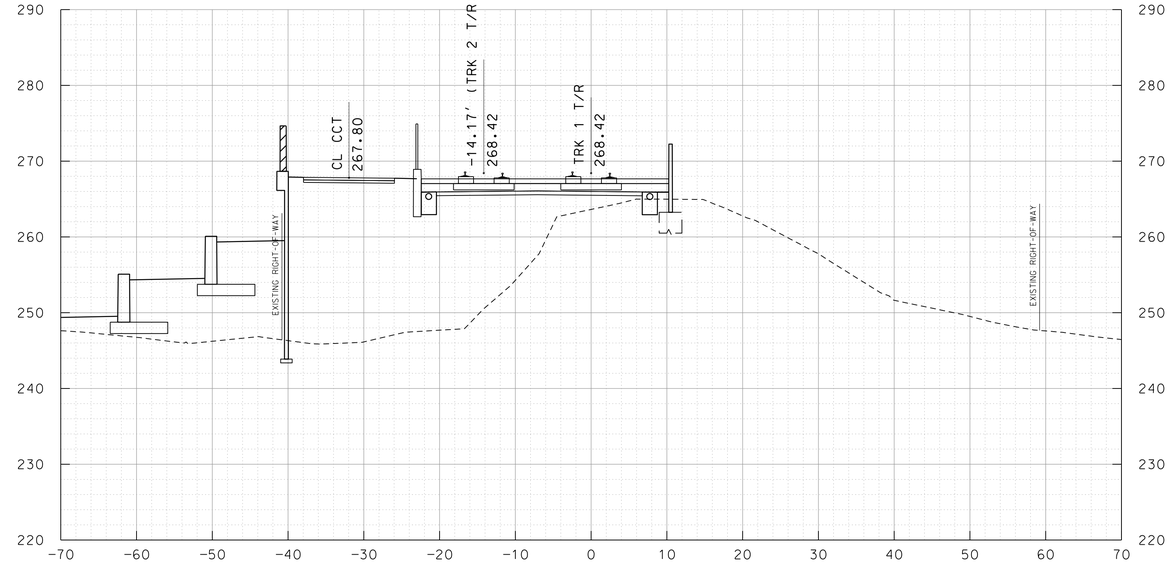


TRK 1 158+50



TRK 1 159+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 158+50 TO STA TRK 1 160+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-031
SHEET NO. 40 OF 736

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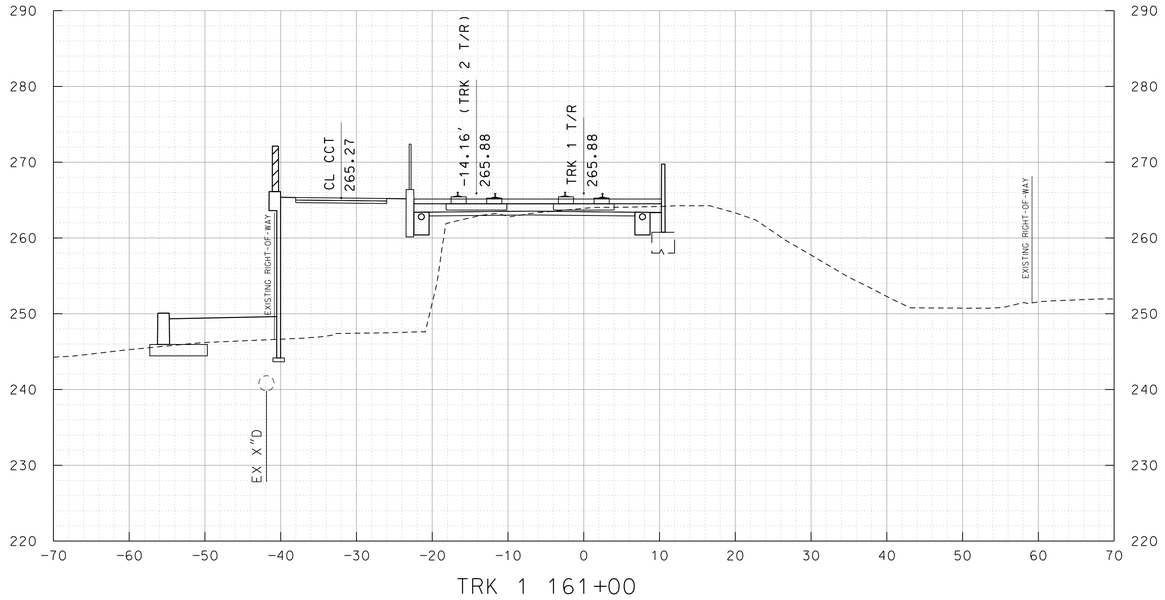
12/11/2013



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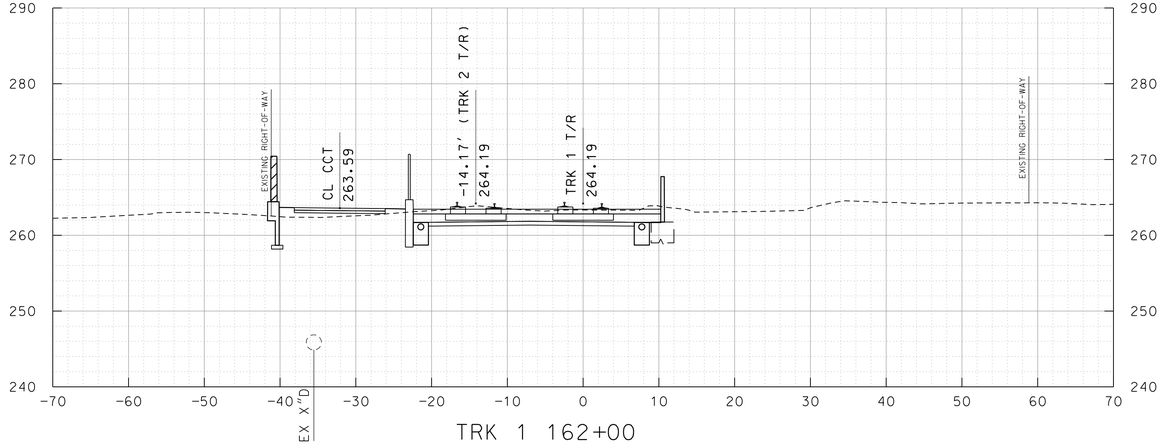

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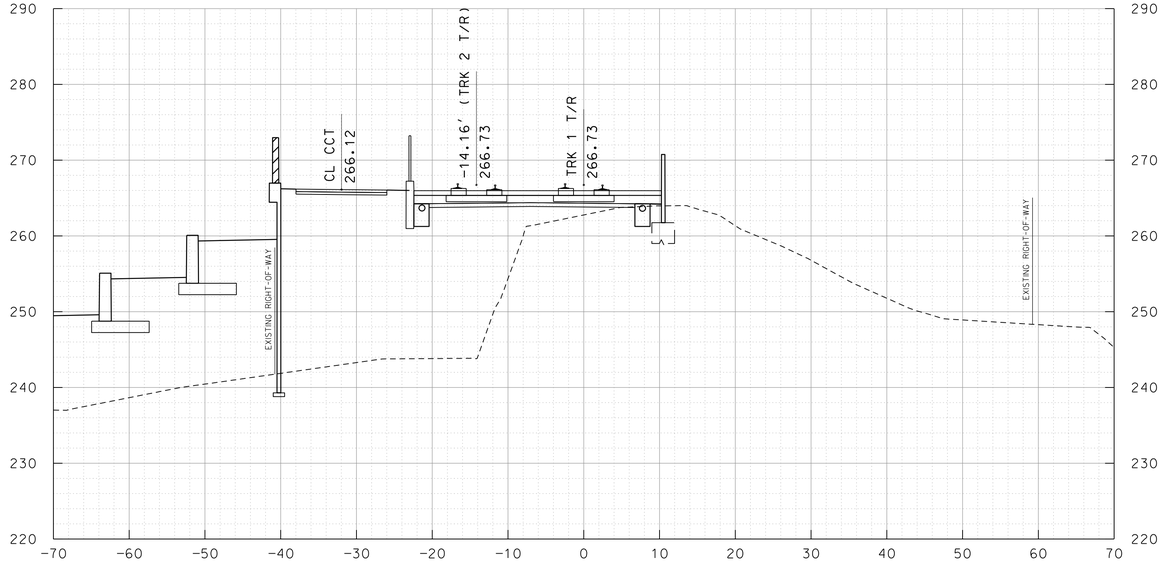
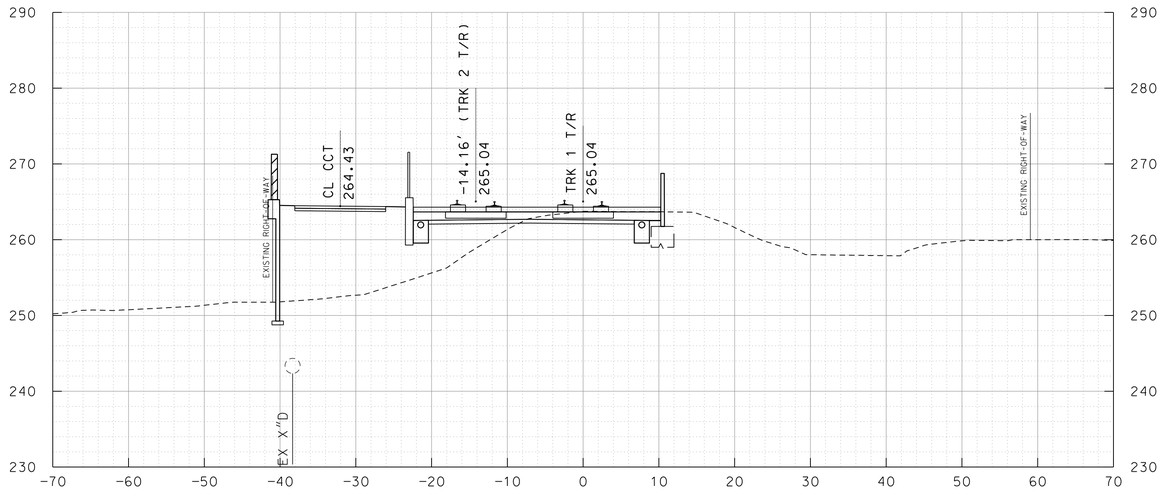


TRK 1 160+50



TRK 1 161+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 160+50 TO STA TRK 1 162+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-032
SHEET NO. 41 OF 736

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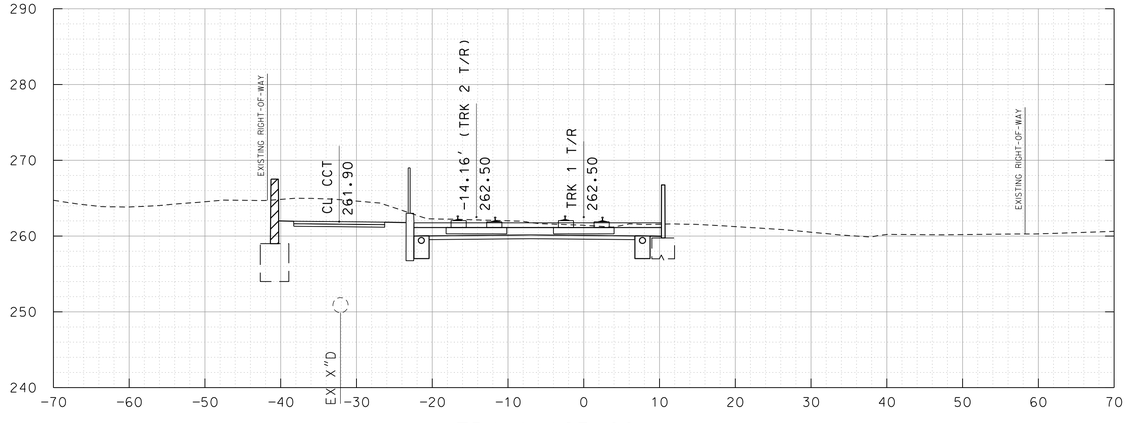
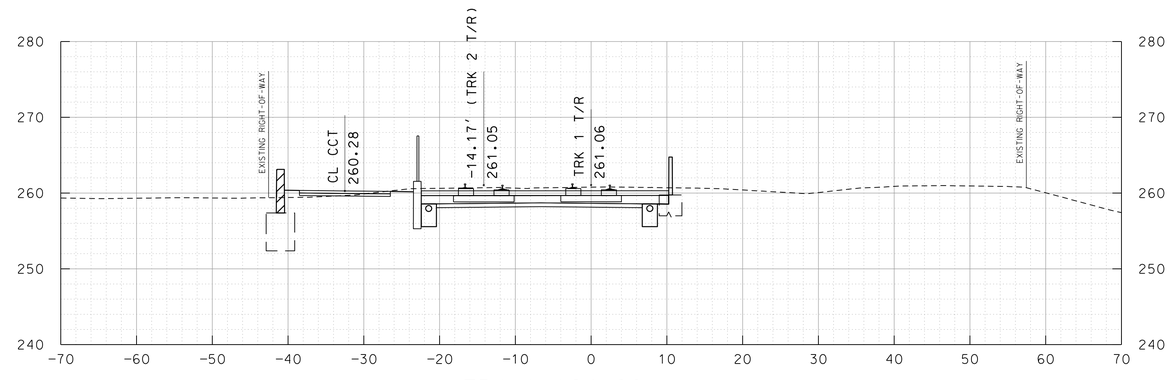
12/11/2013



TRK 1 163+00



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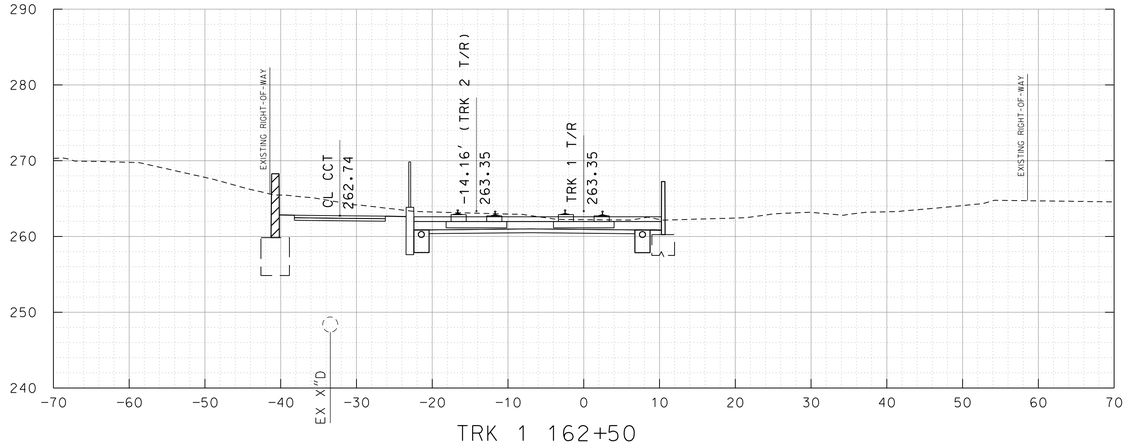
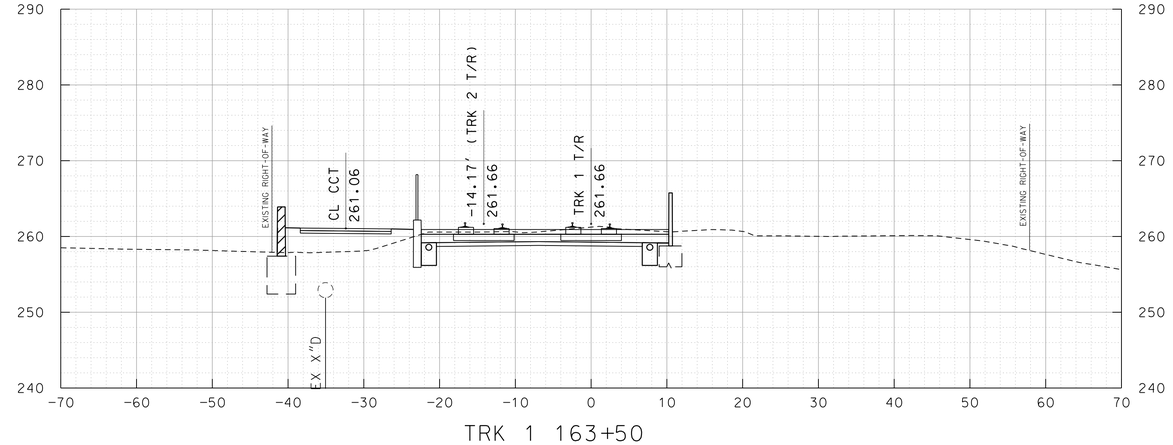


TRK 1 162+50



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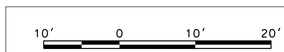

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 162+50 TO STA TRK 1 164+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-033

SHEET NO. 42 OF 736

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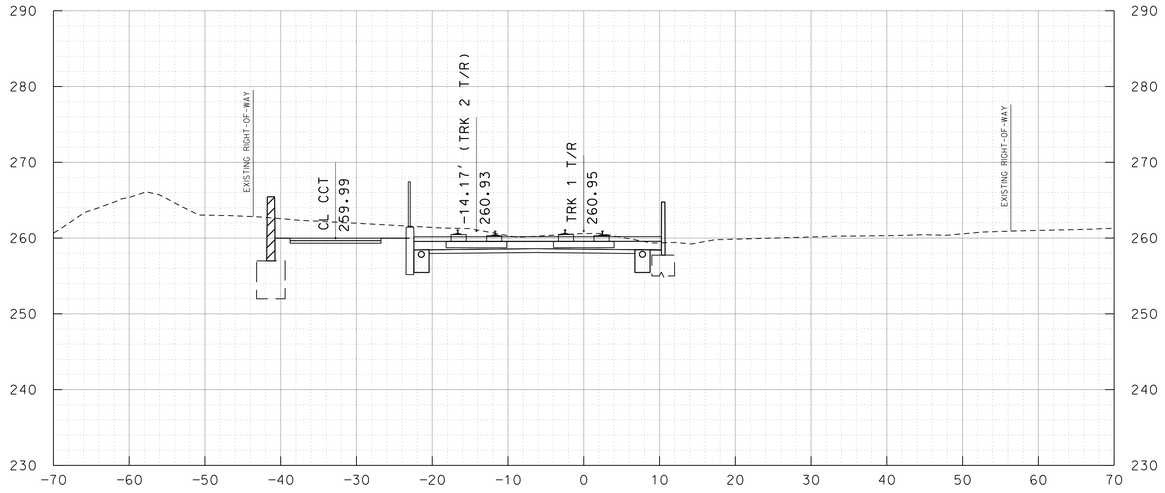
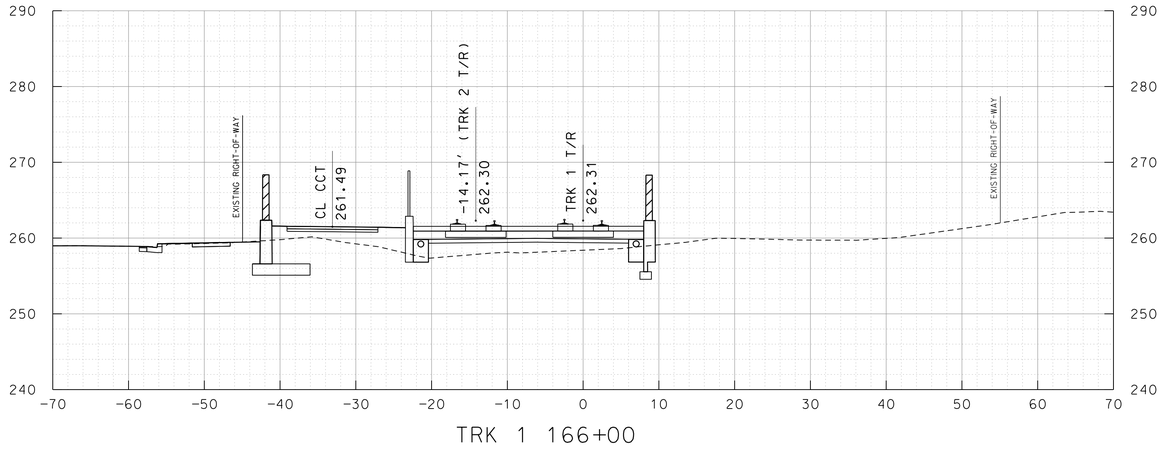
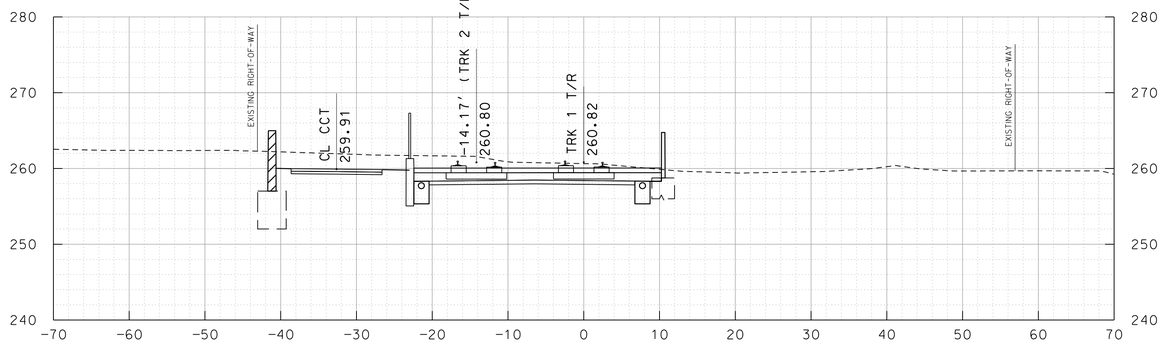
12/11/2013



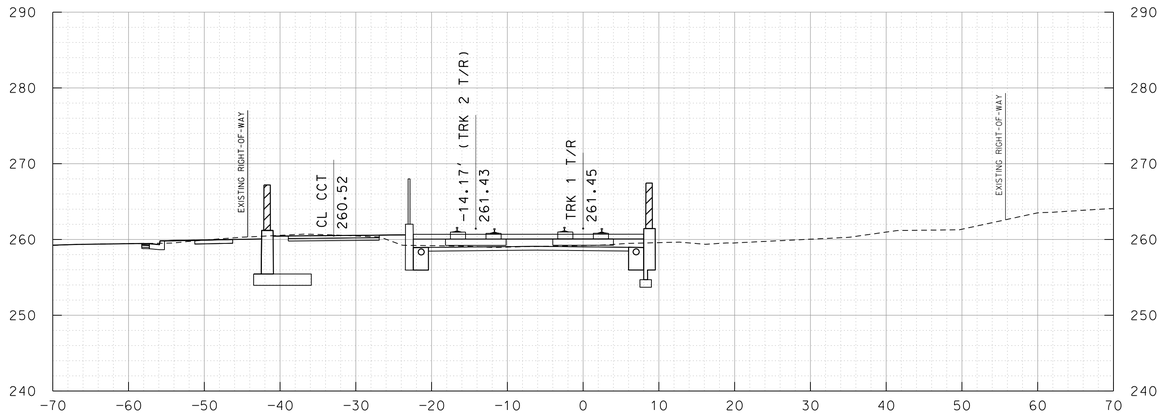
TRK 1 165+00



TRK 1 166+00



TRK 1 164+50



TRK 1 165+50

10' 0 10' 20'
SCALE: 1"=10'

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MTA Maryland

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 164+50 TO STA TRK 1 166+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-034
SHEET NO. 43 OF 736

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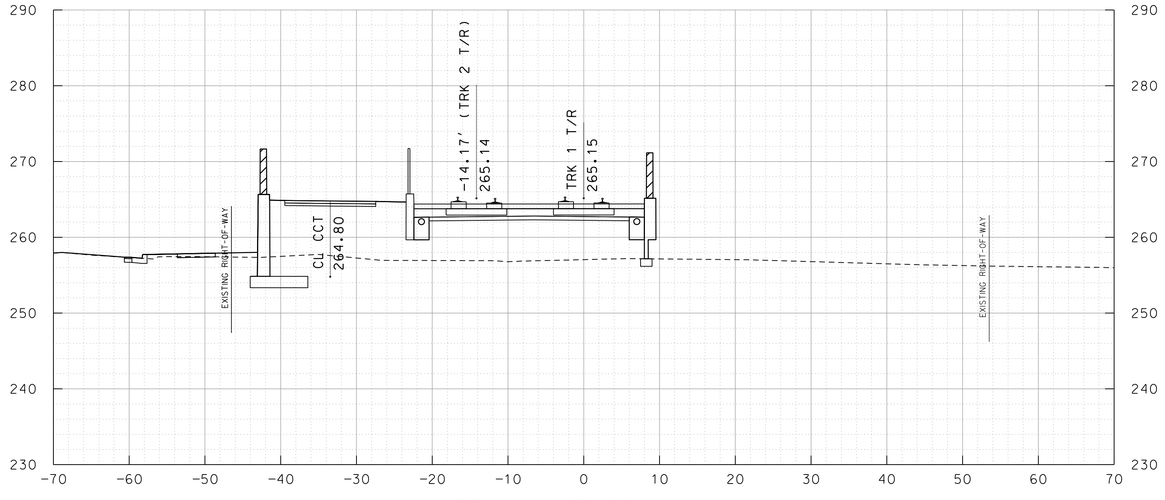
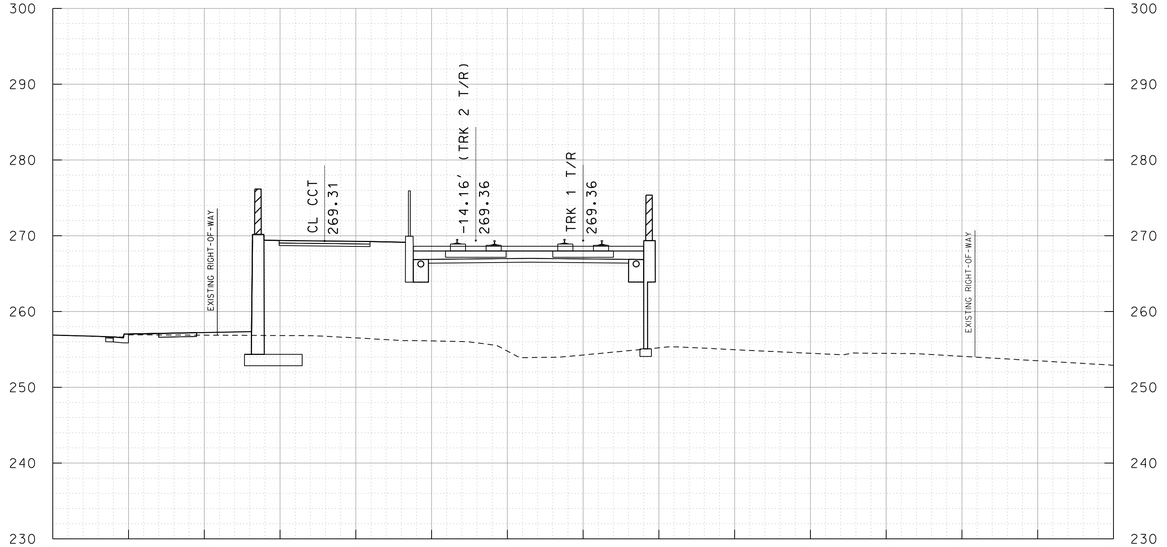
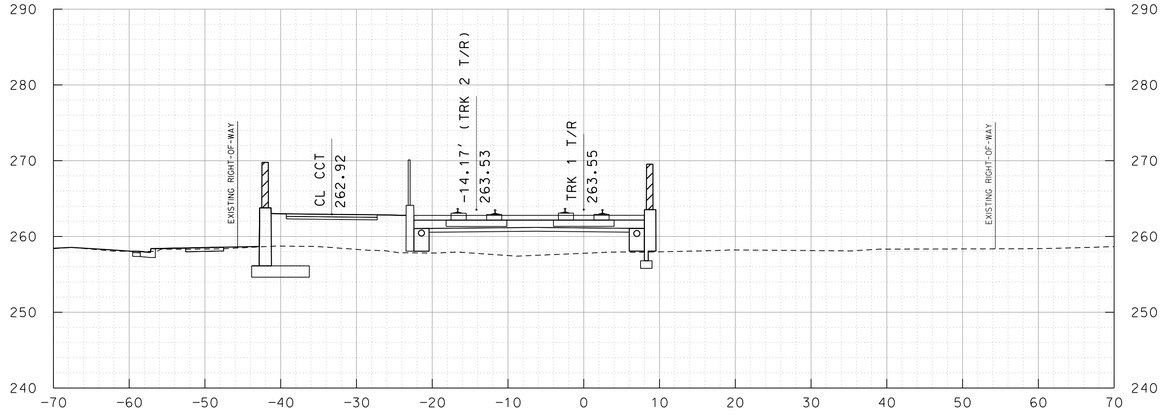
12/11/2013



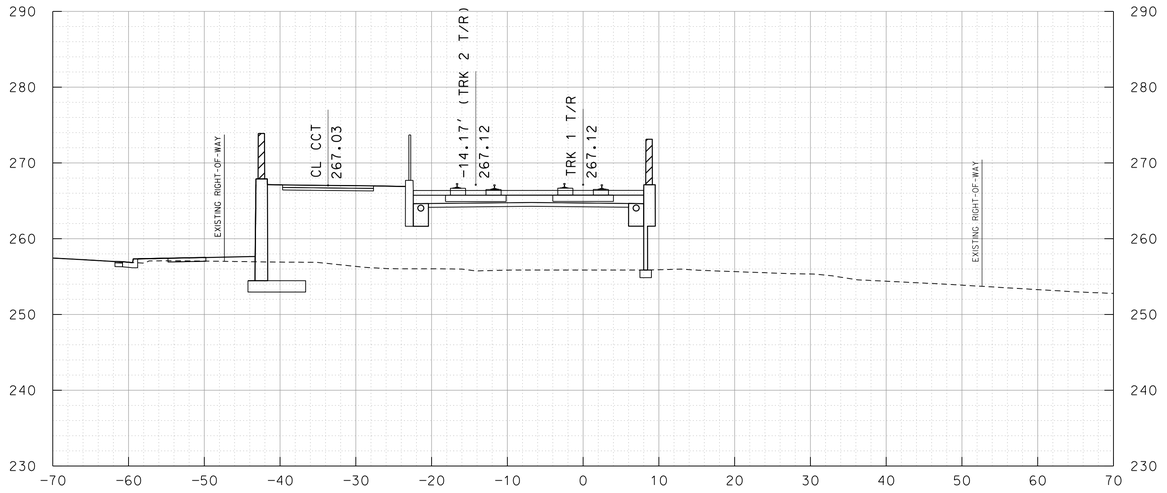
TRK 1 167+00



TRK 1 168+00



TRK 1 166+50



TRK 1 167+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 166+50 TO STA TRK 1 168+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-035
SHEET NO. 44 OF 736

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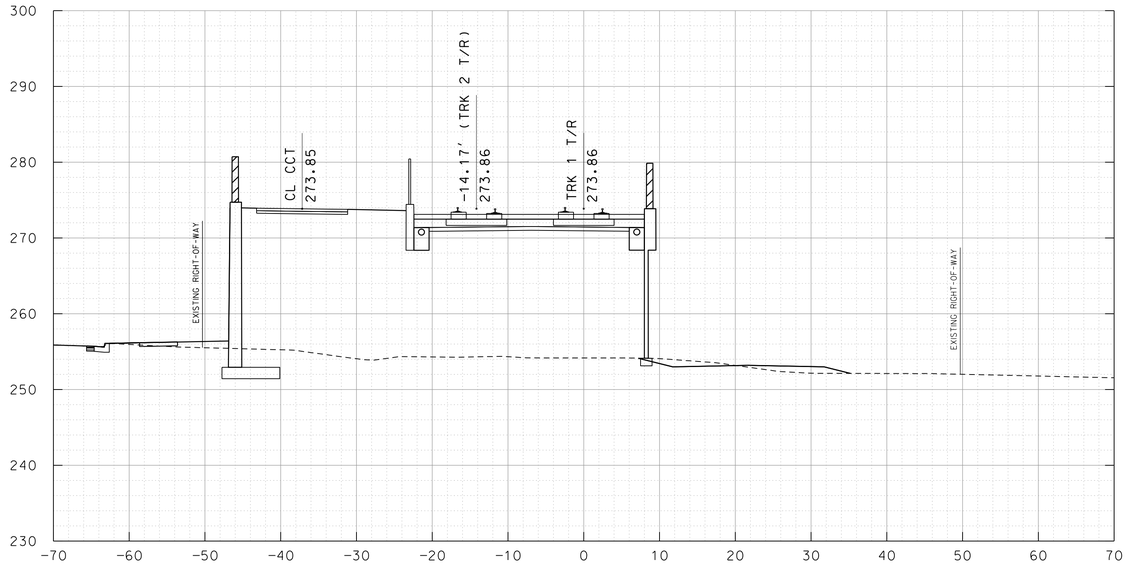
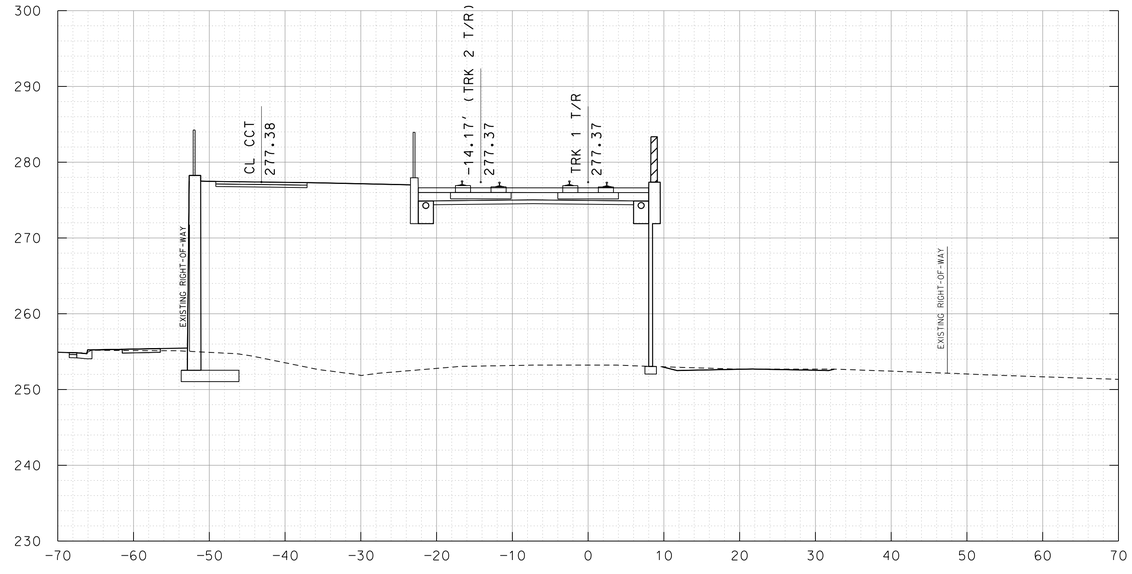
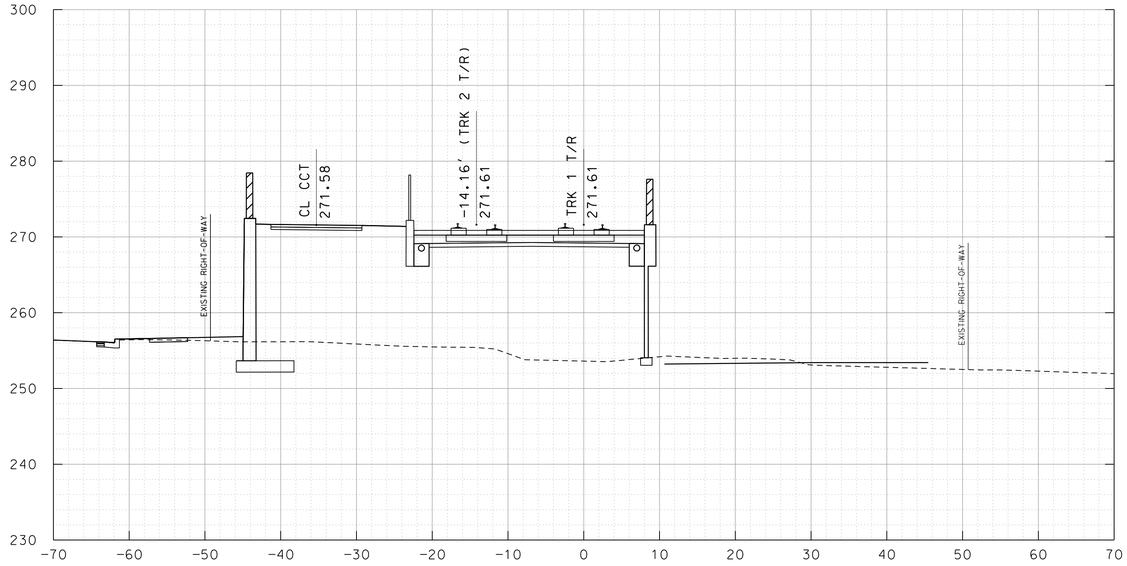
12/11/2013



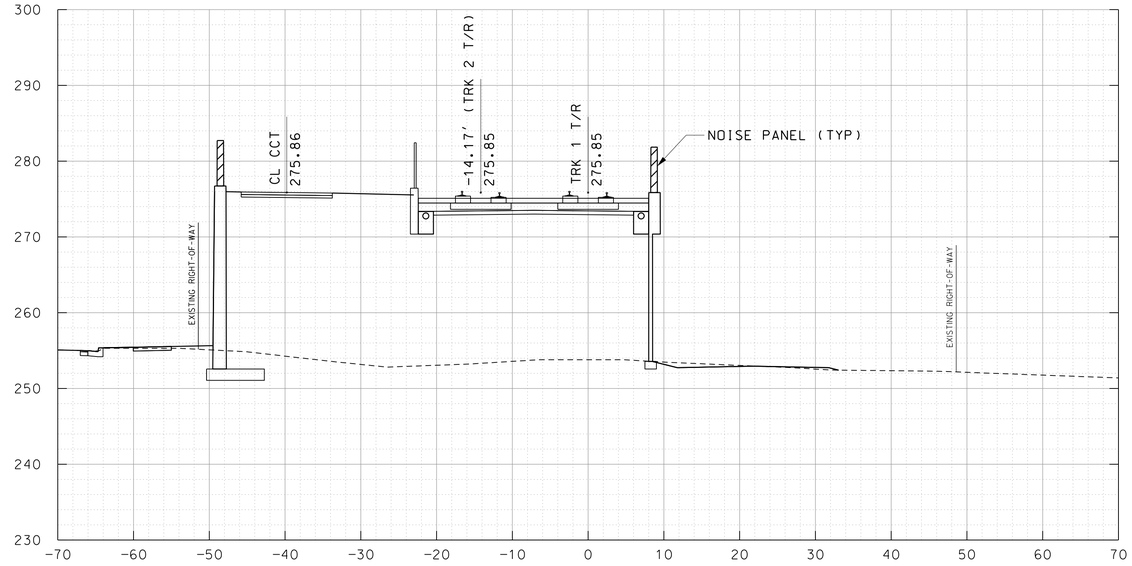
TRK 1 169+00



TRK 1 170+00



TRK 1 168+50



TRK 1 169+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 168+50 TO STA TRK 1 170+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-036
SHEET NO. 45 OF 736

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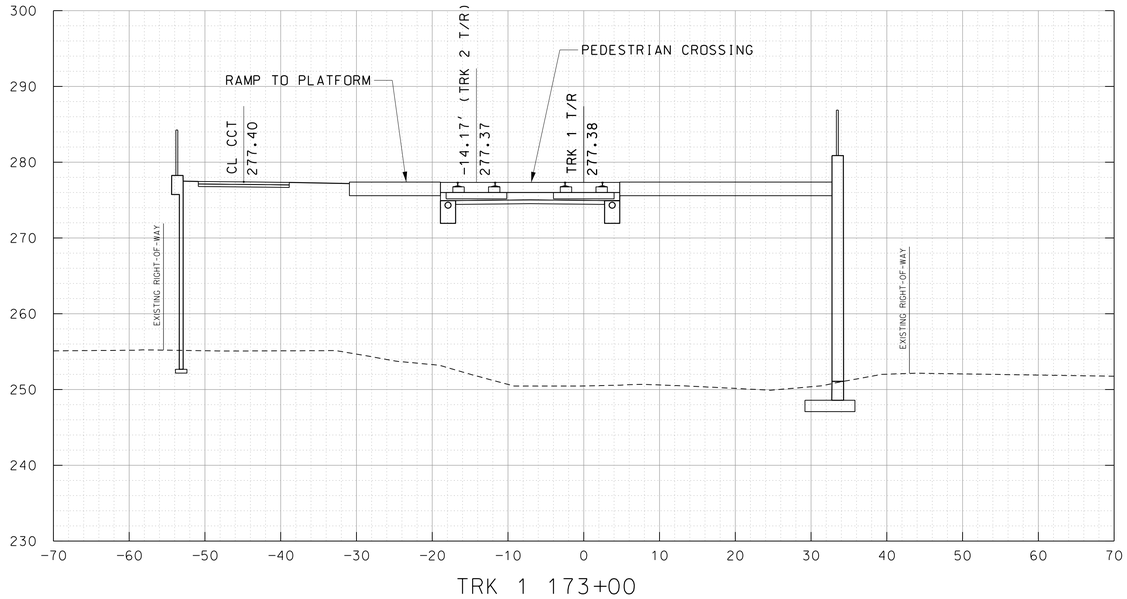
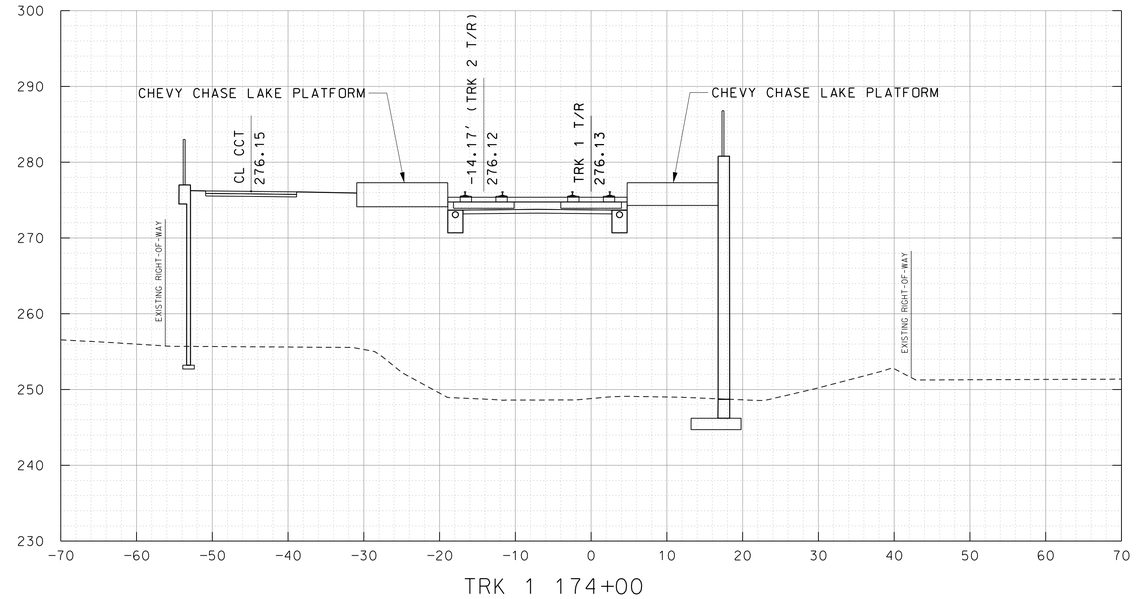
12/11/2013

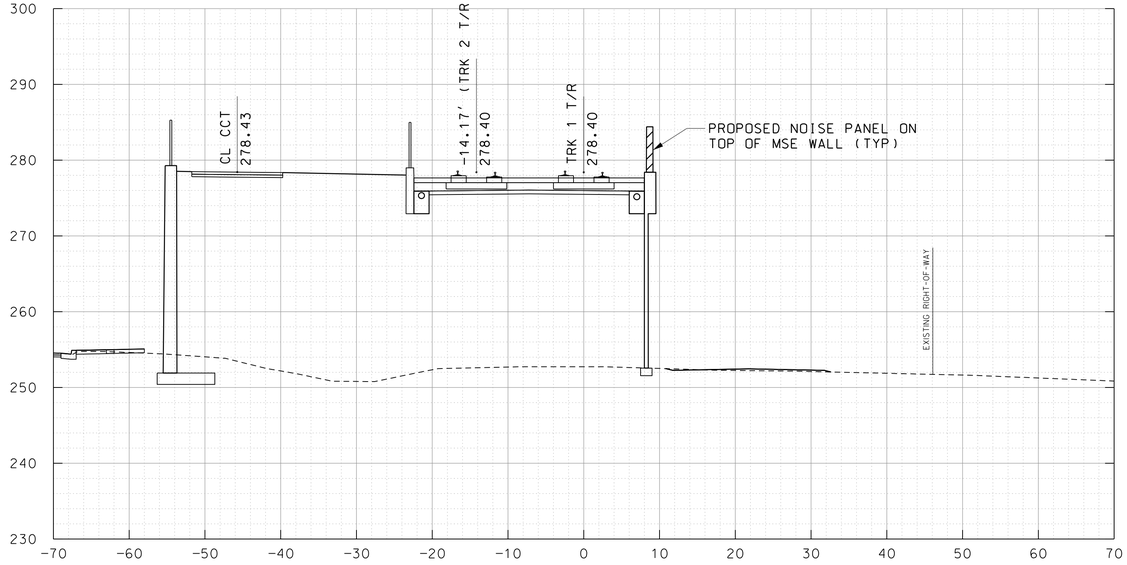


TRK 1 173+00

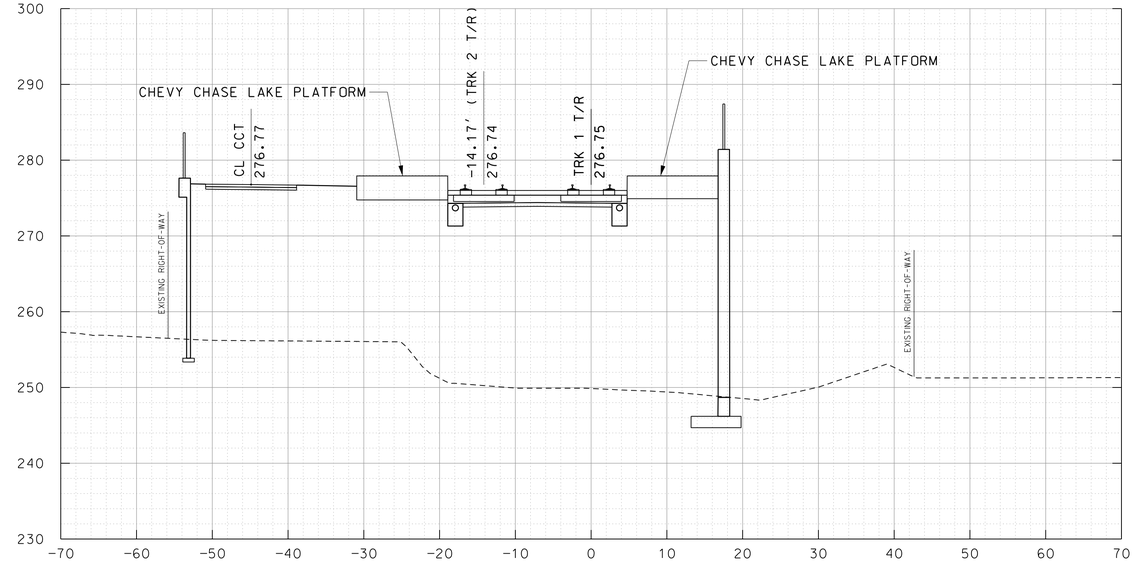


TRK 1 174+00

FOR CROSS SECTIONS FROM STATION 171+00 TO STATION 173+00
SEE VOLUME 6 - STRUCTURES



TRK 1 170+50



TRK 1 173+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

PROFESSIONAL CERTIFICATION
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland
License No. Expiration Date

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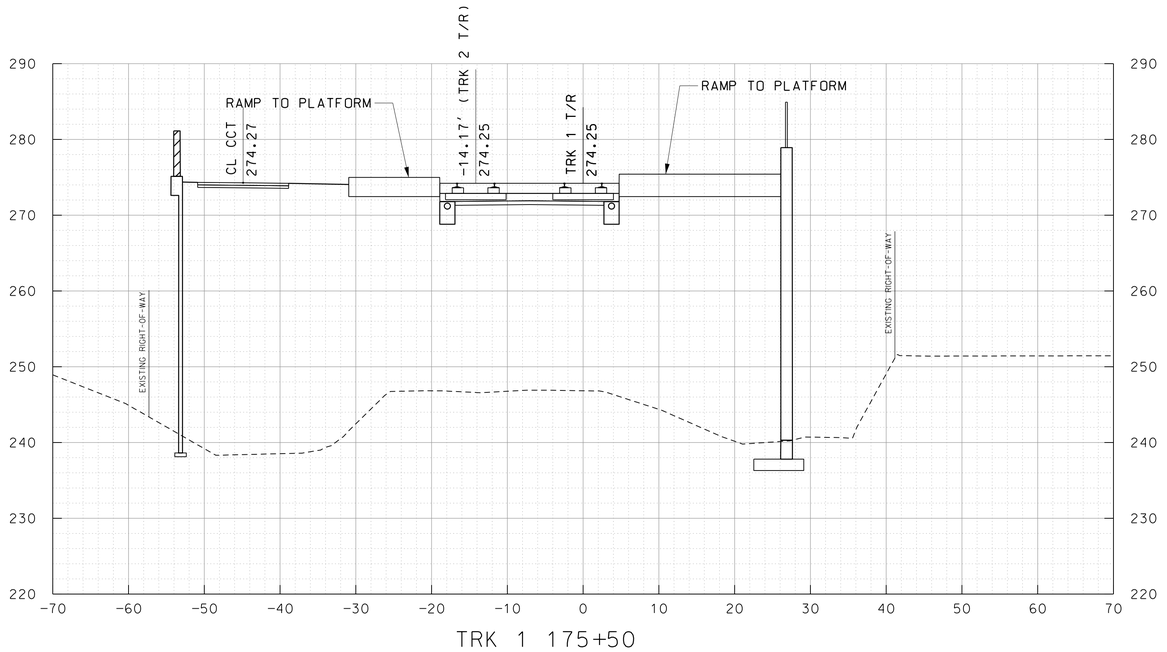
DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

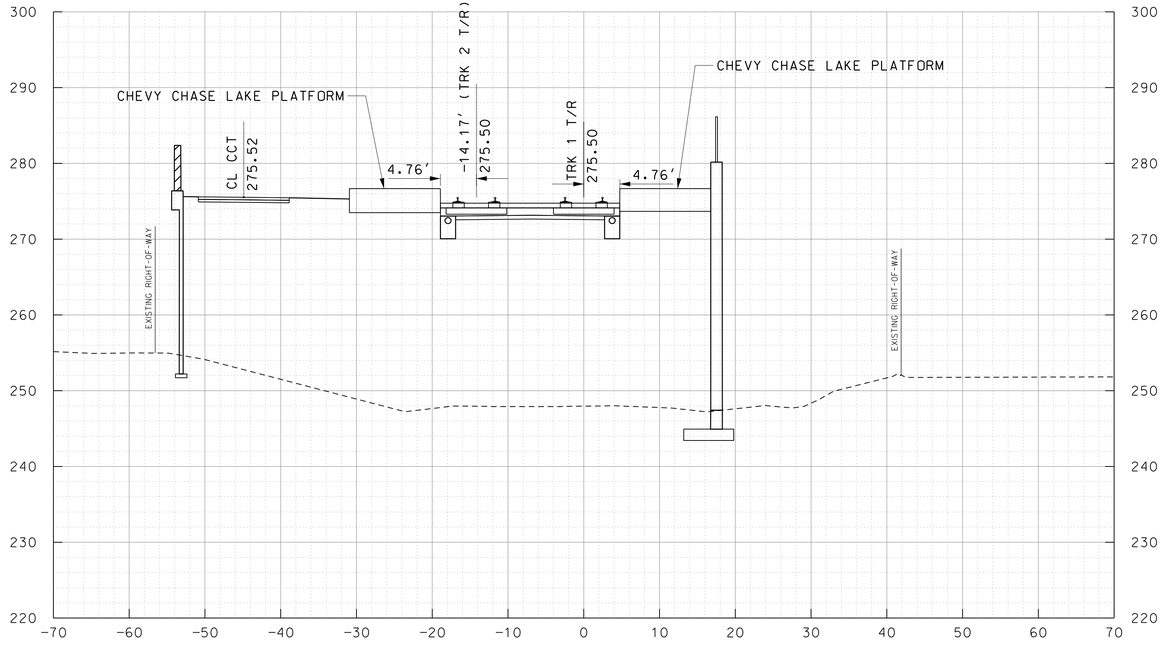
CROSS SECTIONS
STA TRK 1 170+50 TO STA TRK 1 174+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-037
SHEET NO. 46 OF 736

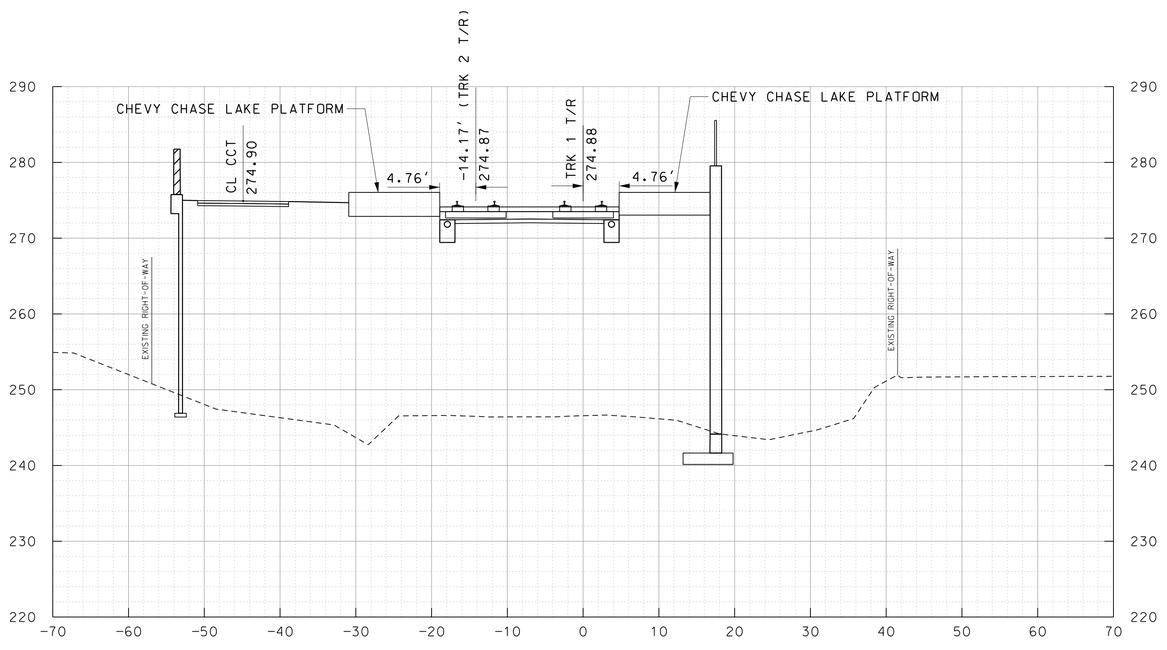
c:\pwworking\mtapw\wra-daniel.beaver\d0103936\1042pXS1101.dgn
12/11/2013



TRK 1 175+50



TRK 1 174+50



TRK 1 175+00

10' 0 10' 20'
SCALE: 1"=10'

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MTA Maryland

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DESGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 174+50 TO STA TRK 1 175+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-038
SHEET NO. 47 OF 736

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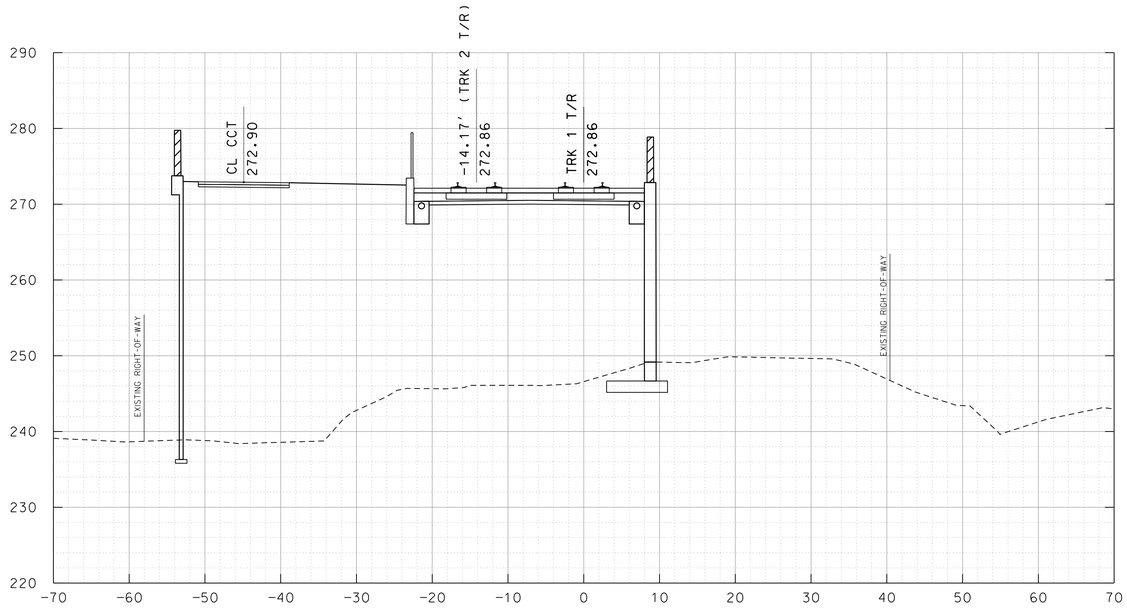
12/11/2013



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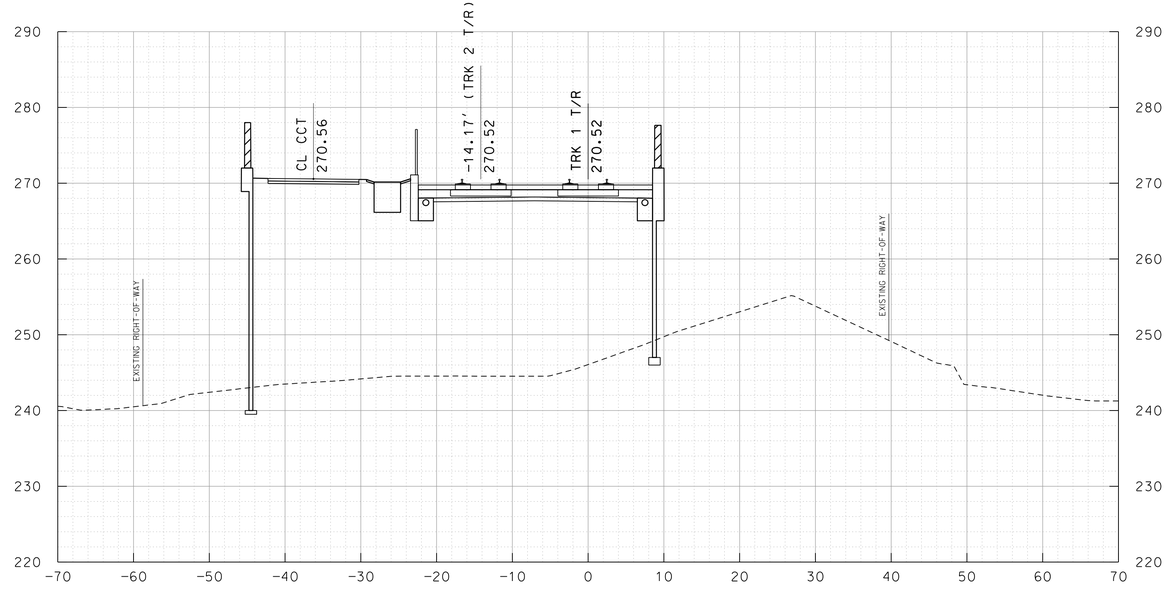

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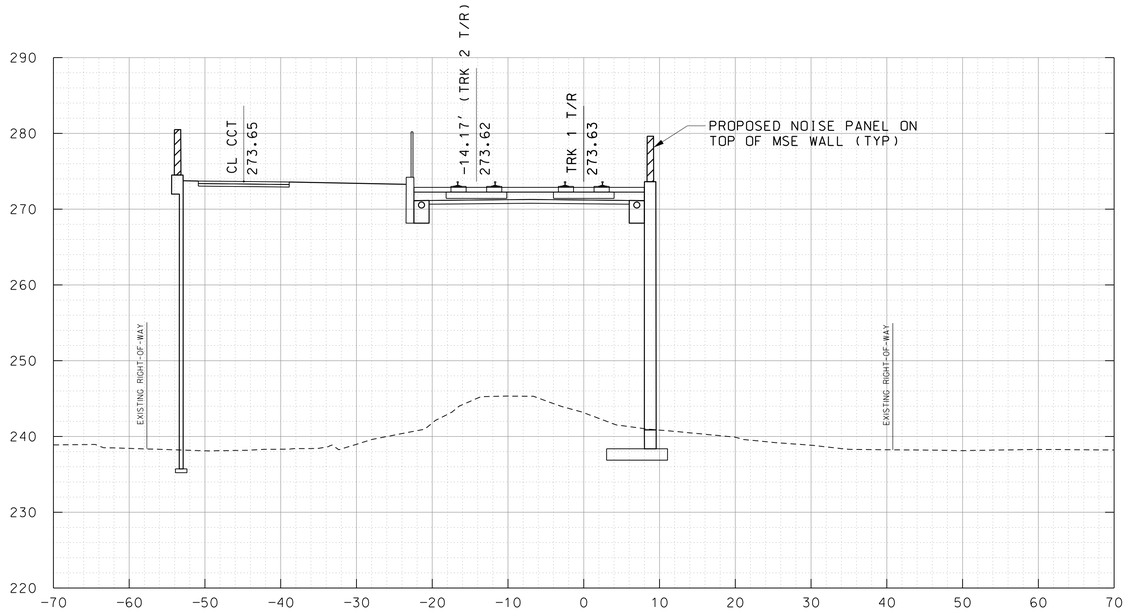

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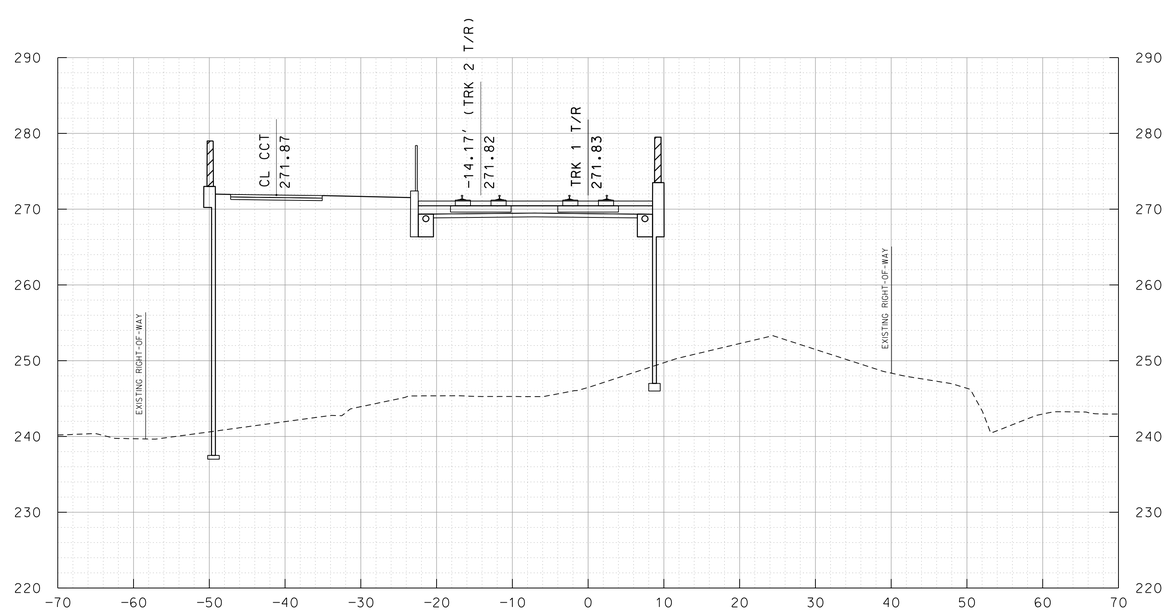

TRK 1 177+00

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

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DESGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 176+00 TO STA TRK 1 177+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-039
SHEET NO. 48 OF 736

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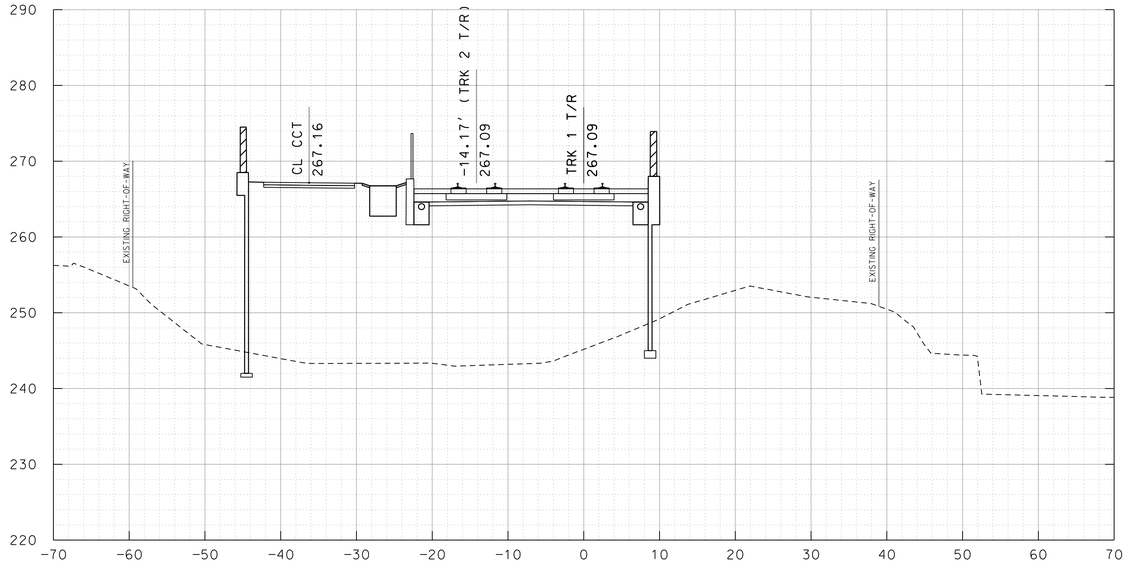
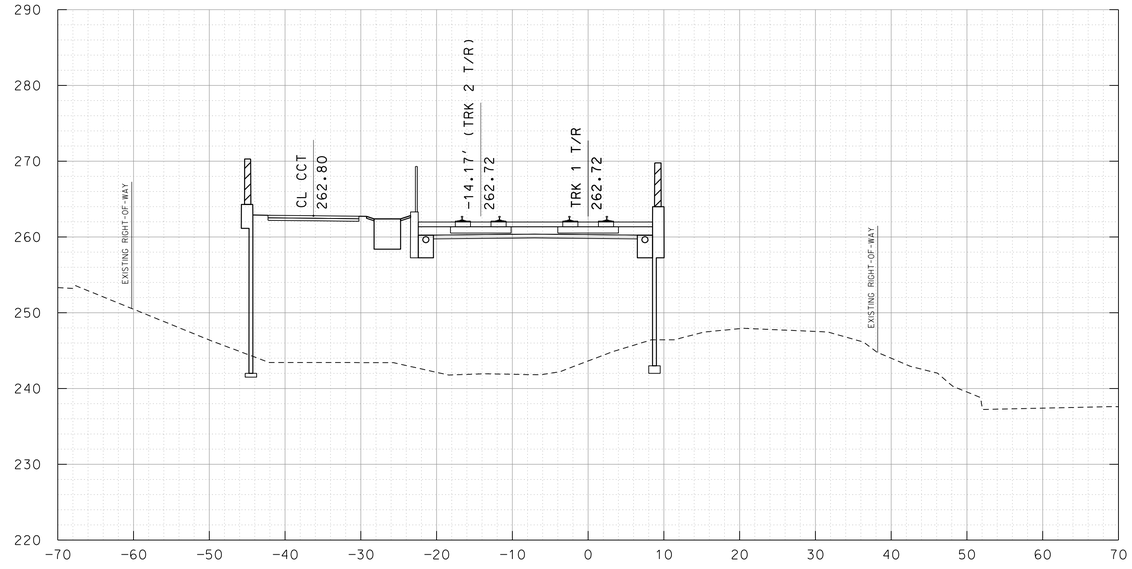
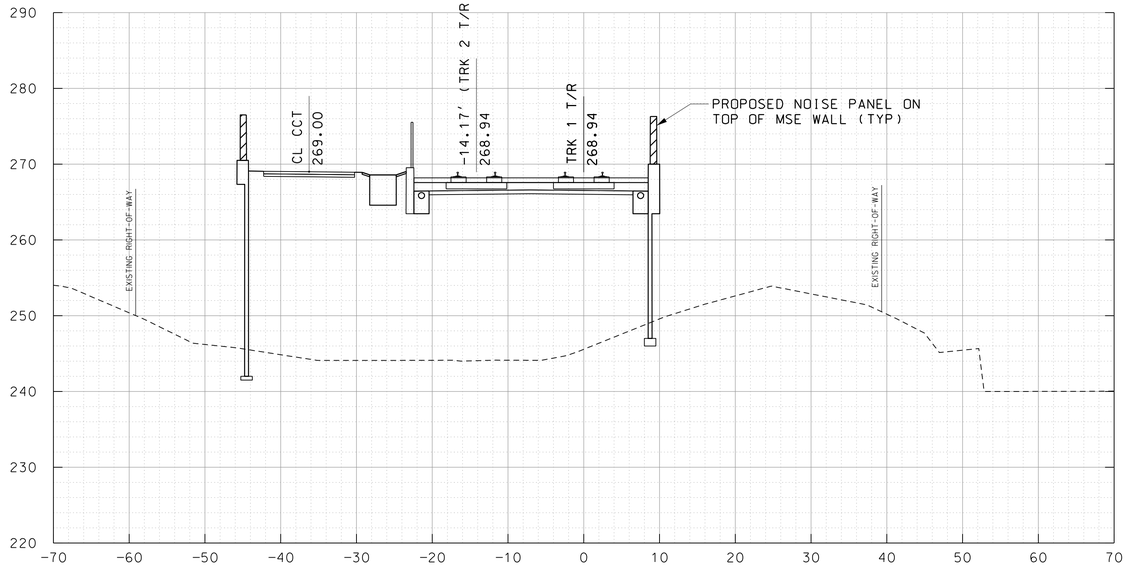
12/11/2013



TRK 1 178+50



TRK 1 179+50



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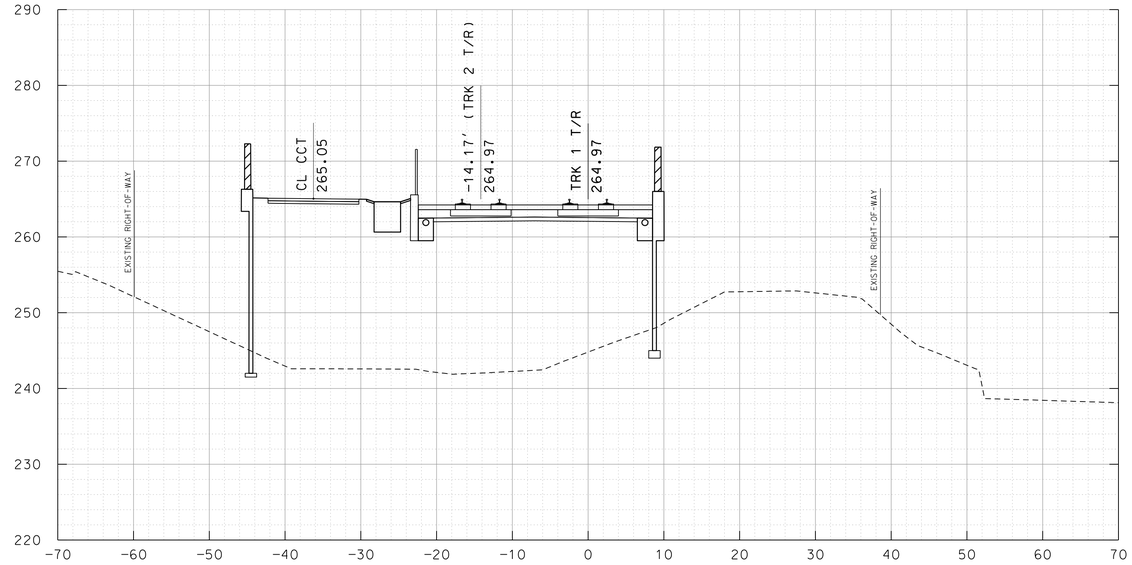

TRK 1 179+00

10' 0 10' 20'
SCALE: 1"=10'

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DESGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 178+00 TO STA TRK 1 179+50
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-040
SHEET NO. 49 OF 736

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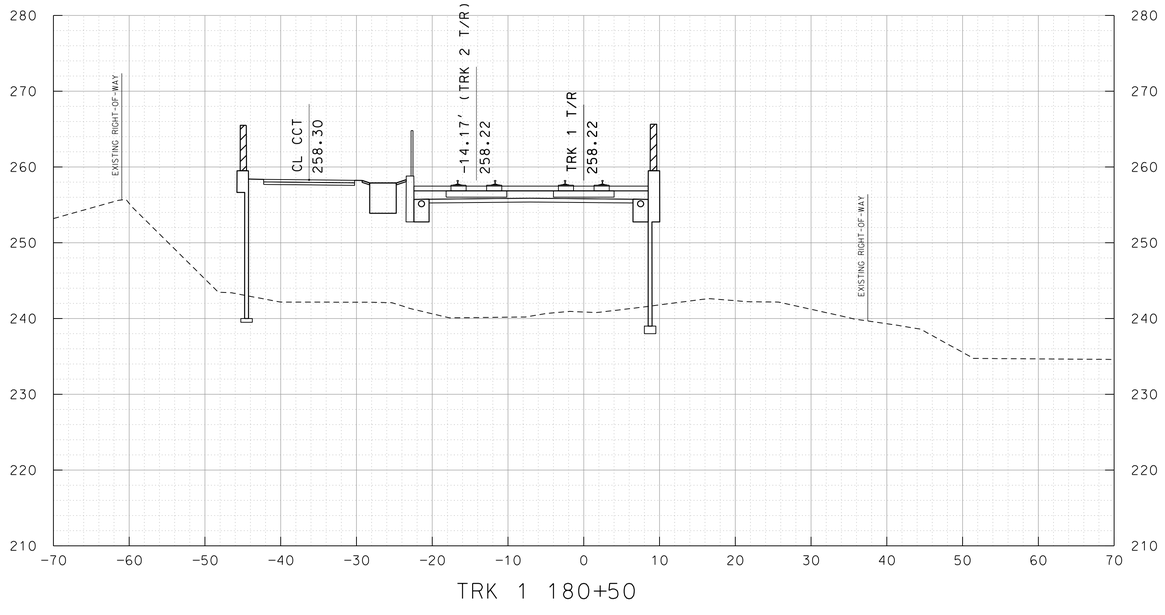
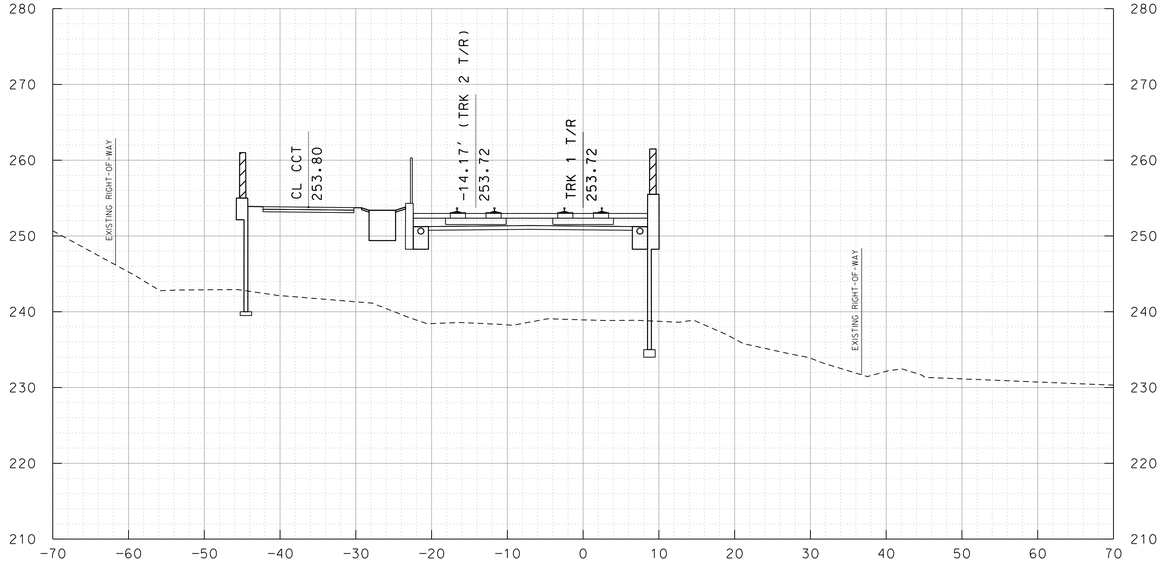
12/11/2013



TRK 1 180+50



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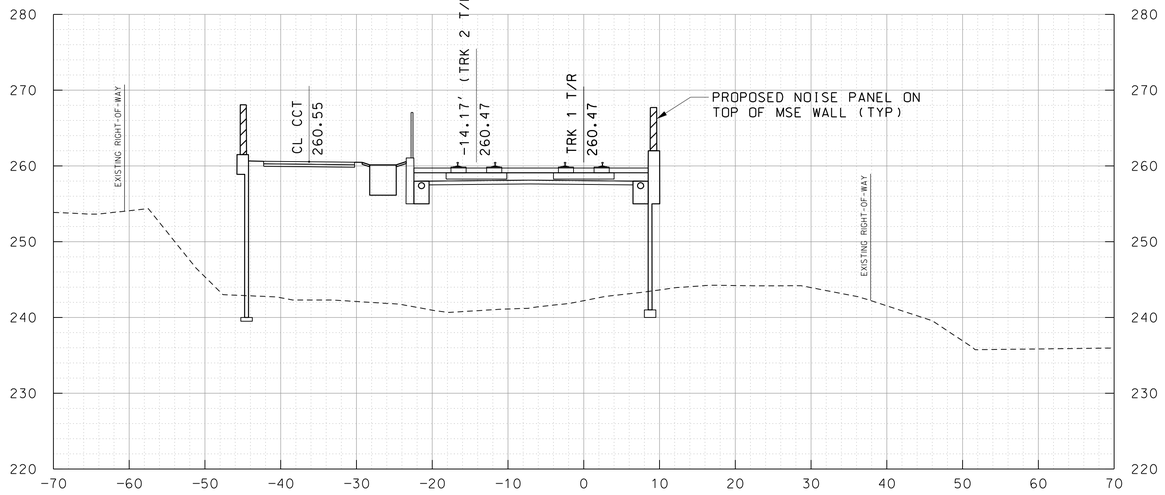

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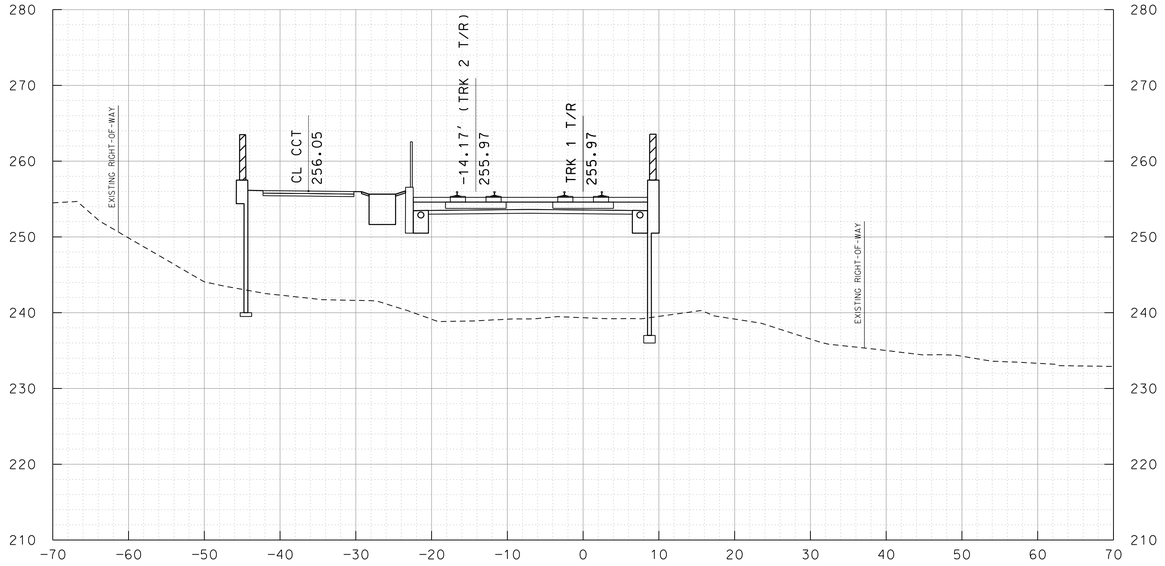

TRK 1 181+00

10' 0 10' 20'
SCALE: 1"=10'

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 180+00 TO STA TRK 1 181+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-041
SHEET NO. 50 OF 736

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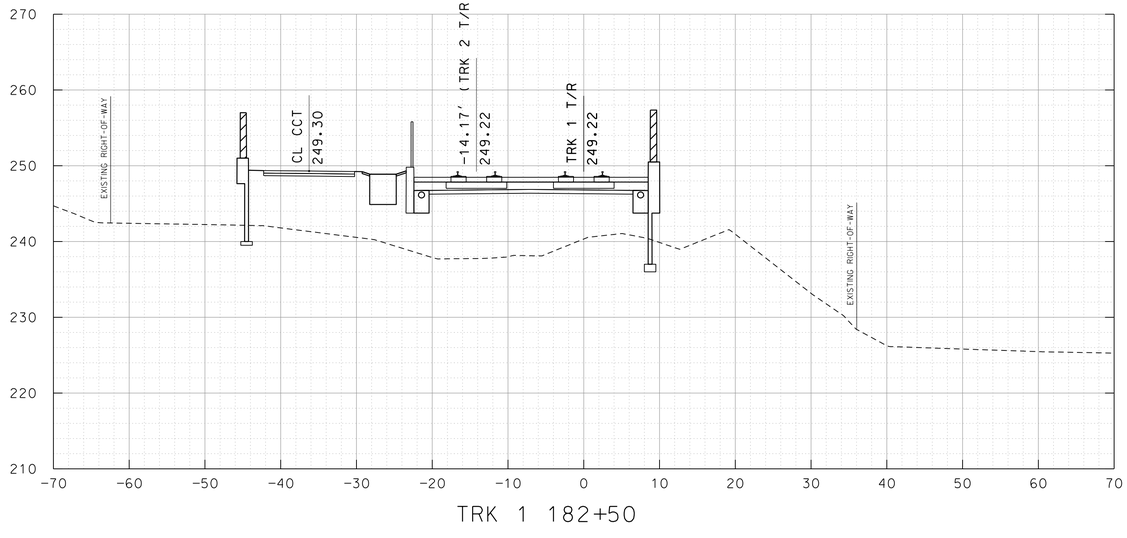
12/11/2013



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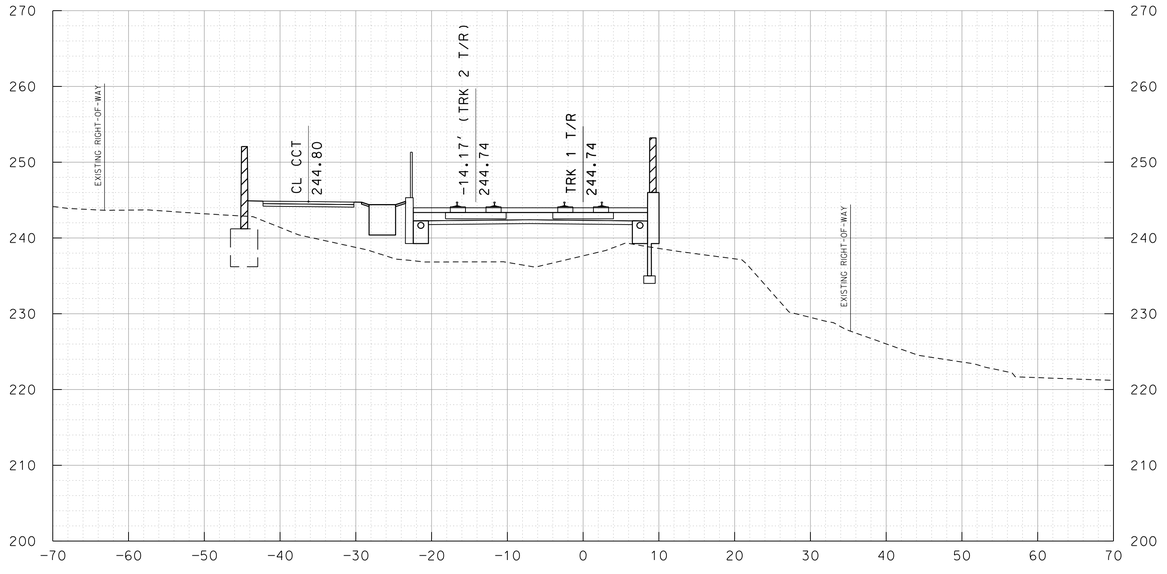

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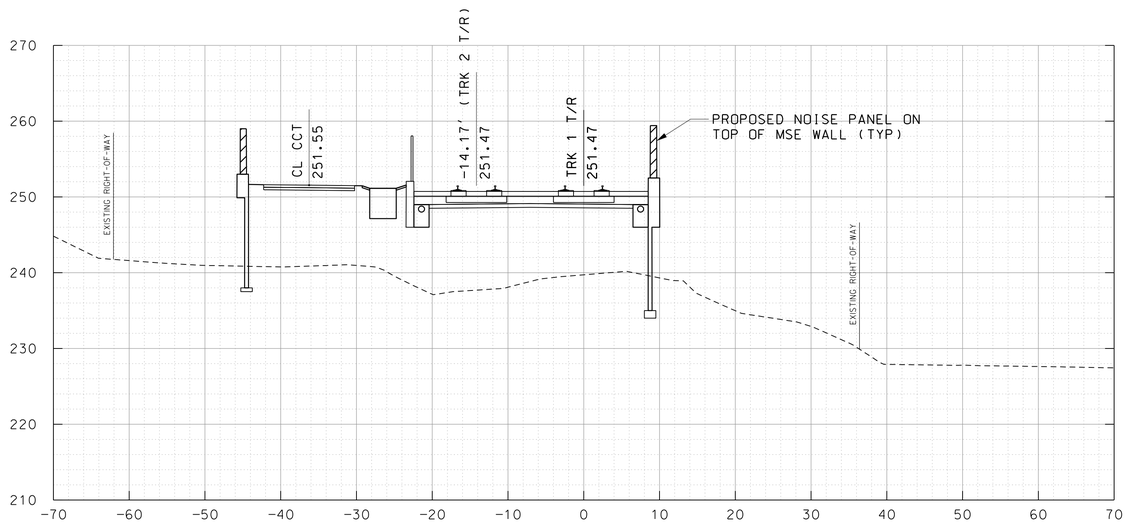

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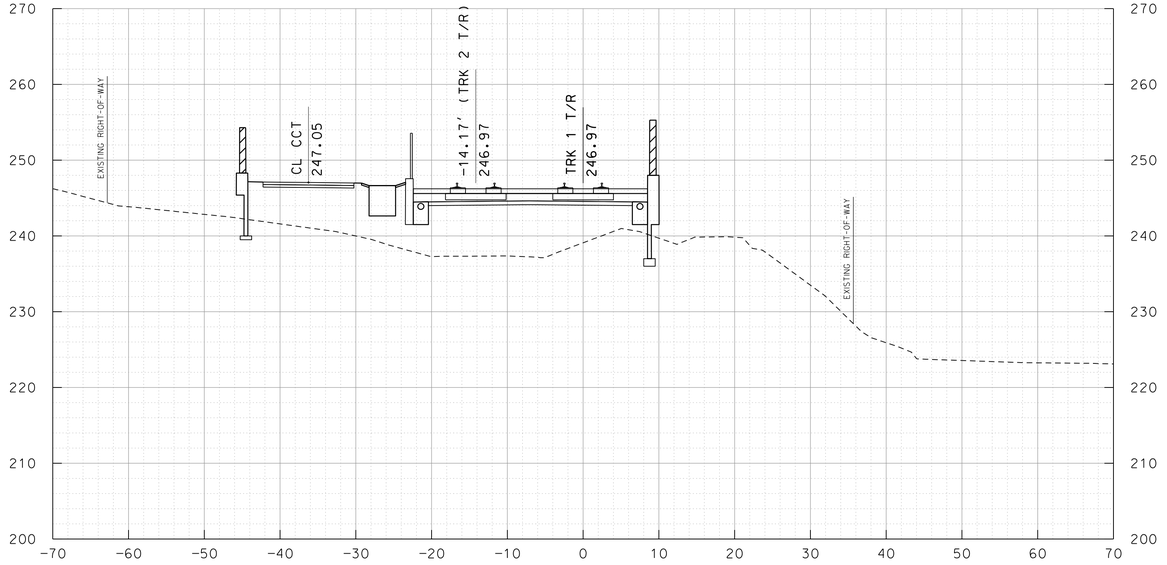

TRK 1 183+00

10' 0 10' 20'
SCALE: 1"=10'

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MTA Maryland

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 182+00 TO STA TRK 1 183+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-042
SHEET NO. 51 OF 736

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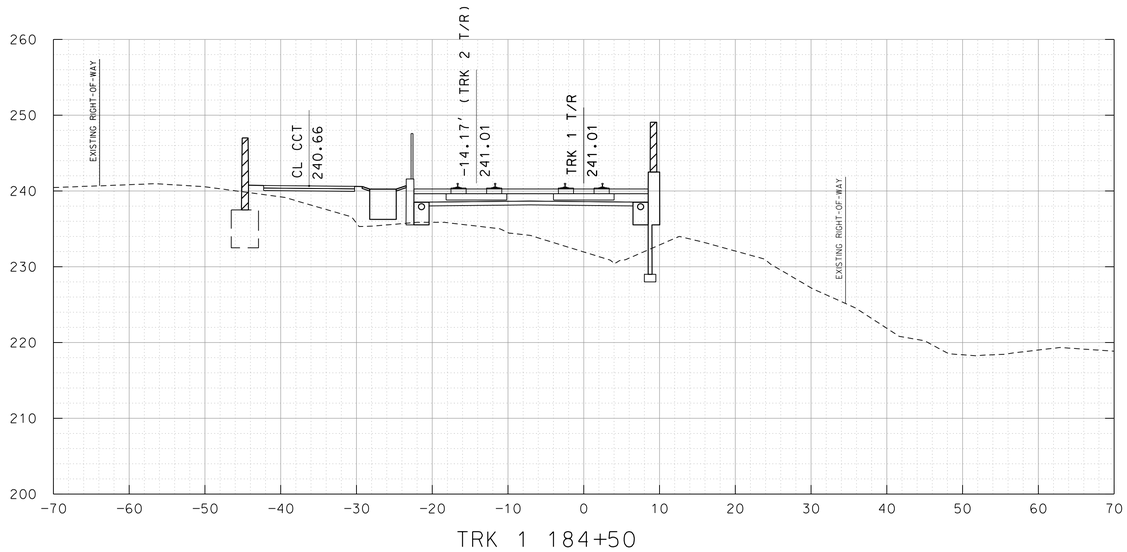
12/11/2013



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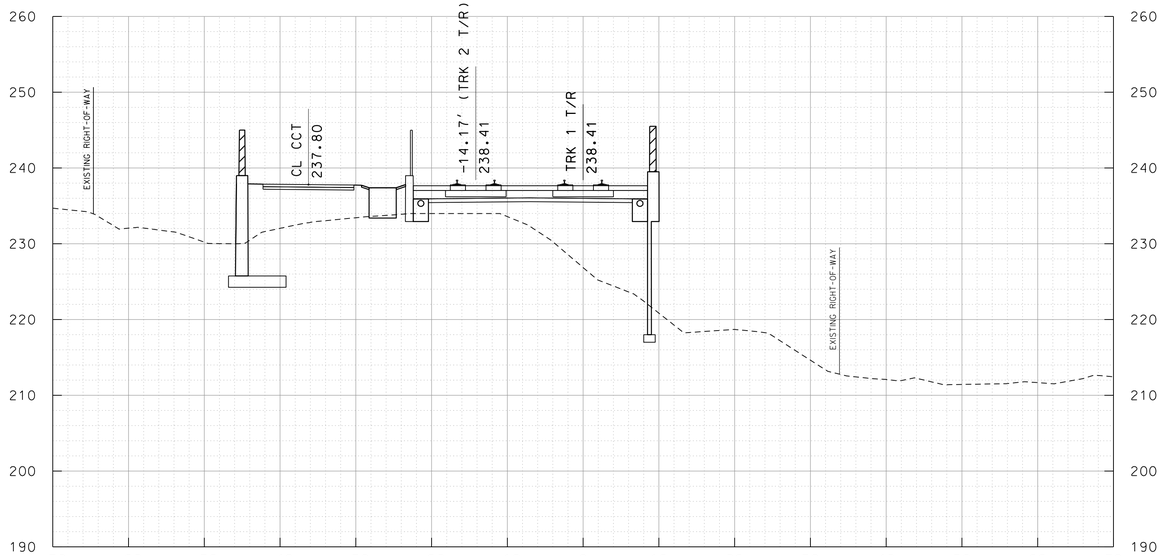

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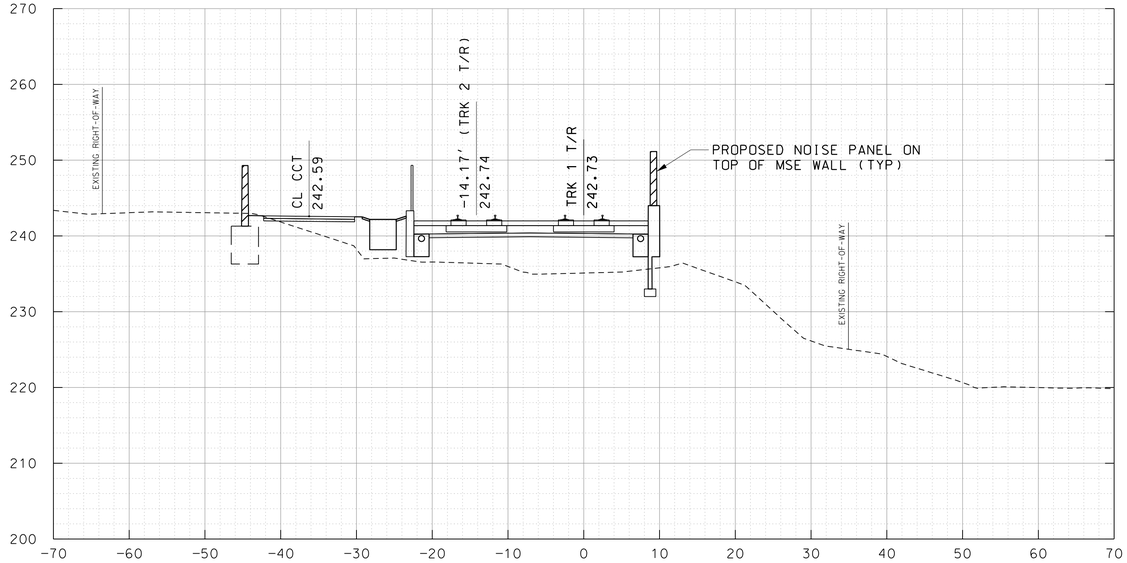

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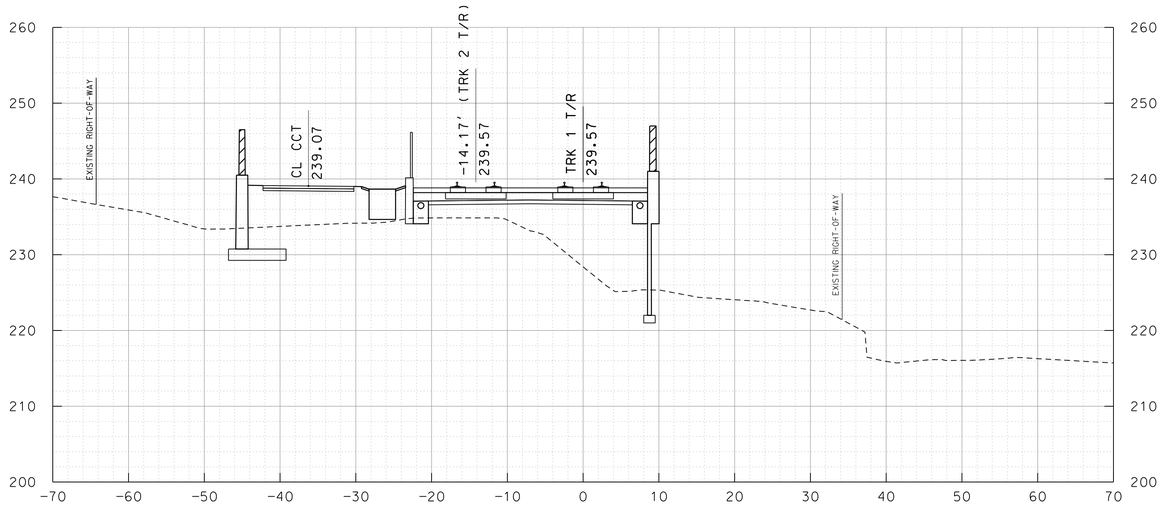

TRK 1 185+00

10' 0 10' 20'
SCALE: 1"=10'

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MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 184+00 TO STA TRK 1 185+50
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-043
SHEET NO. 52 OF 736

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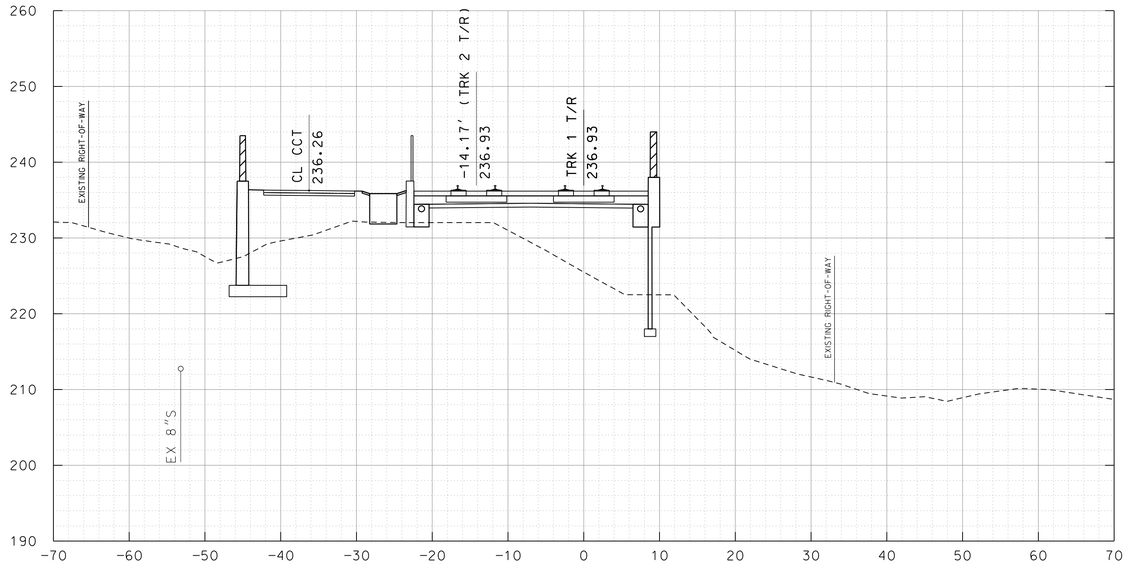
12/11/2013



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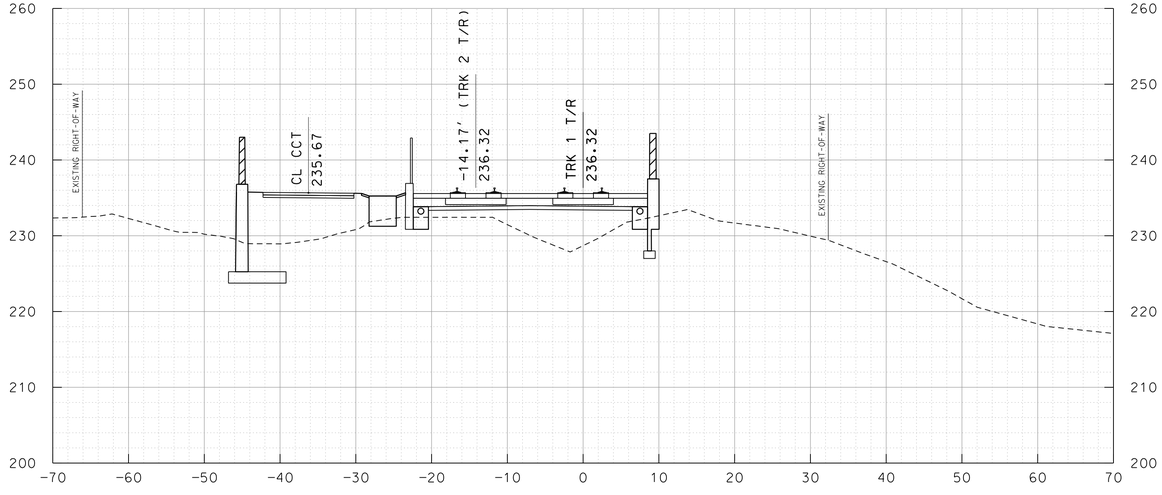
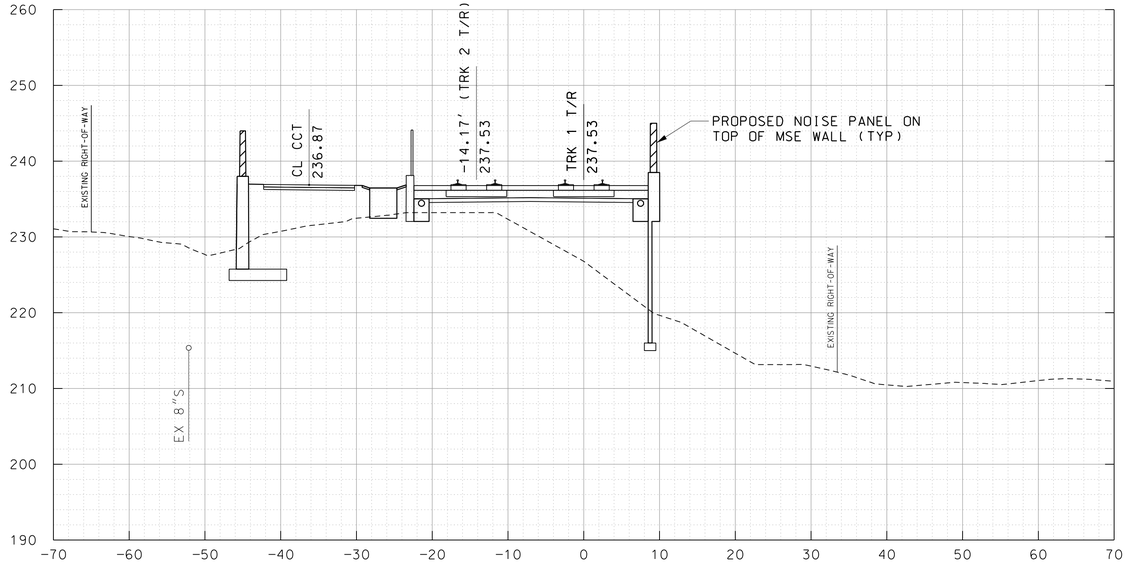
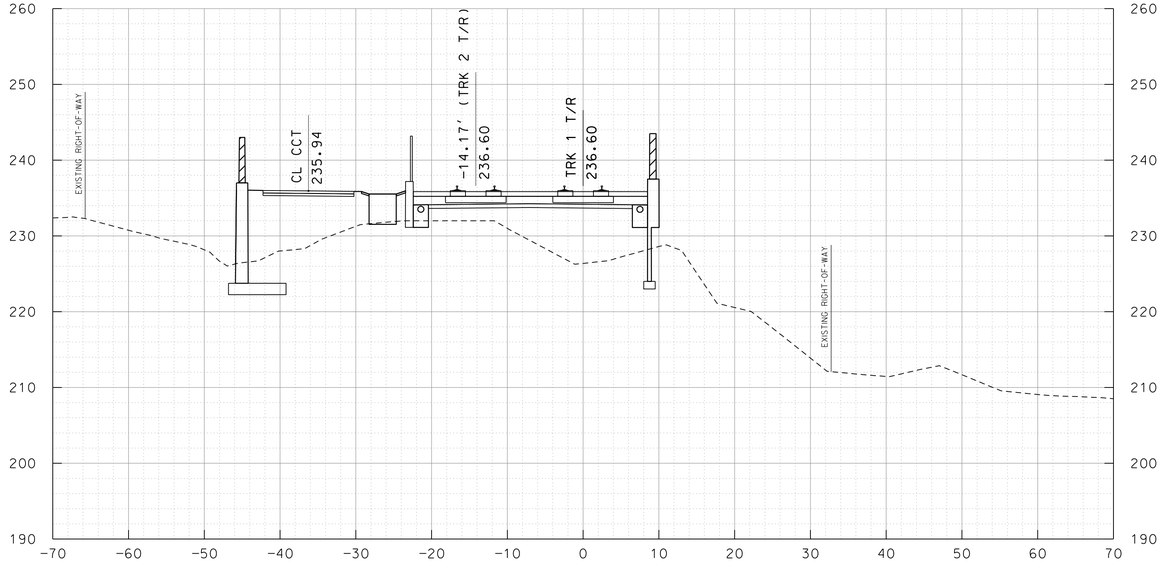


TRK 1 187+50



TRK 1 186+00



TRK 1 187+00

10' 0 10' 20'
SCALE: 1"=10'

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MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

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DESGN
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APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 186+00 TO STA TRK 1 187+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-044
SHEET NO. 53 OF 736

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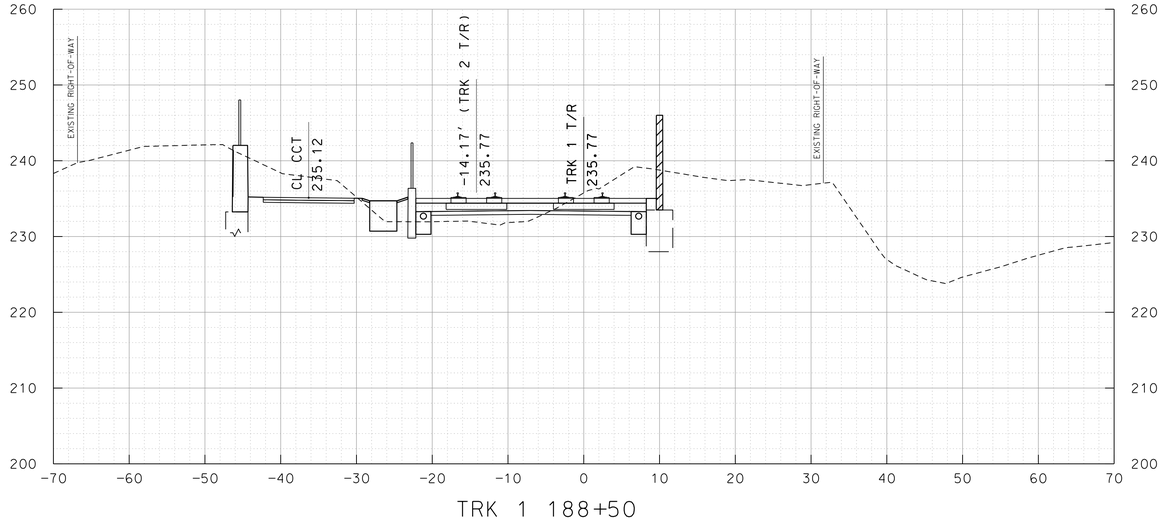
12/11/2013



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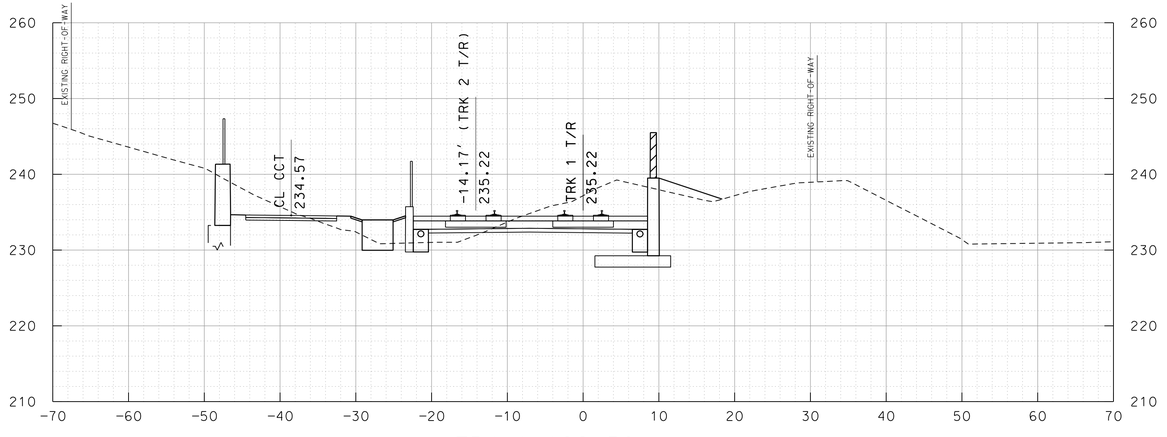

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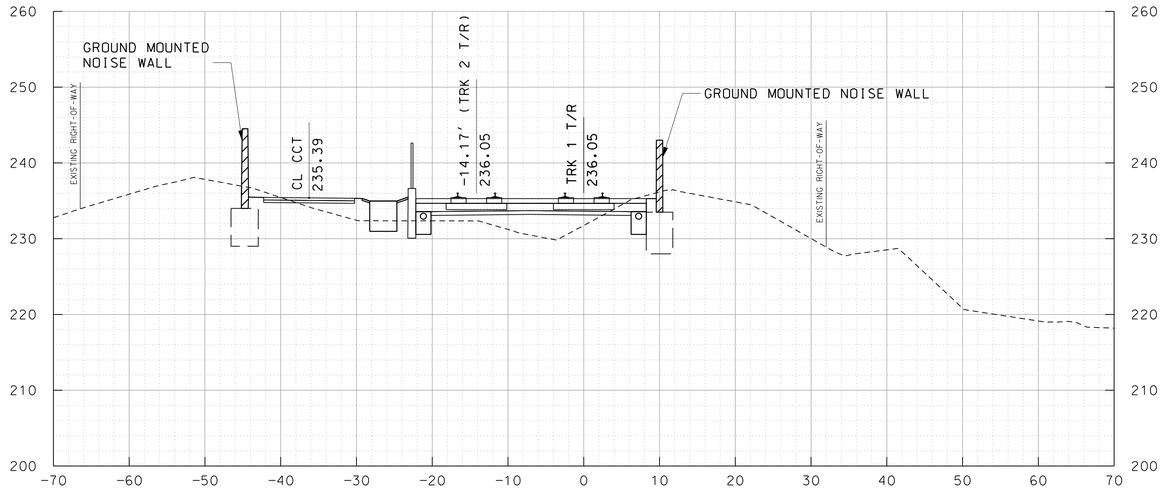
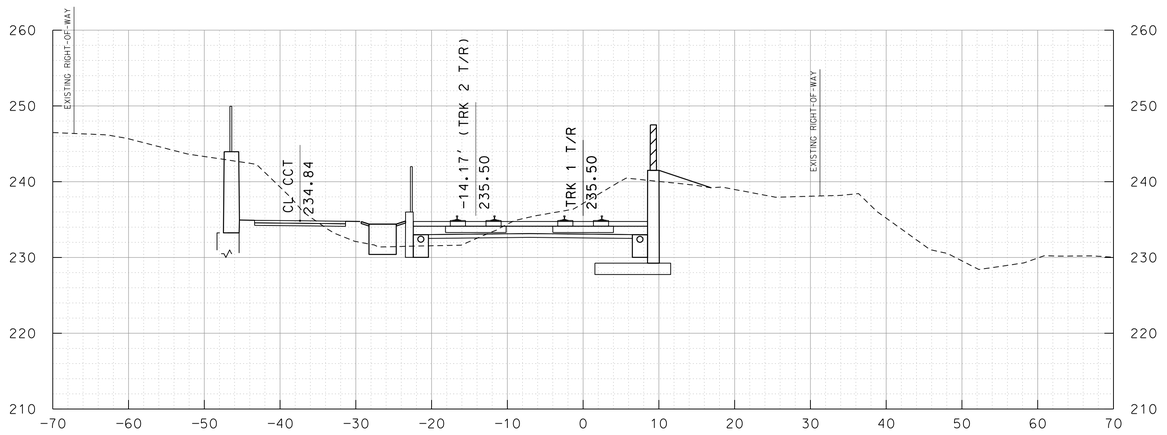


TRK 1 188+00



TRK 1 189+00

10' 0 10' 20'
SCALE: 1"=10'

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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 188+00 TO STA TRK 1 189+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-045
SHEET NO. 54 OF 736

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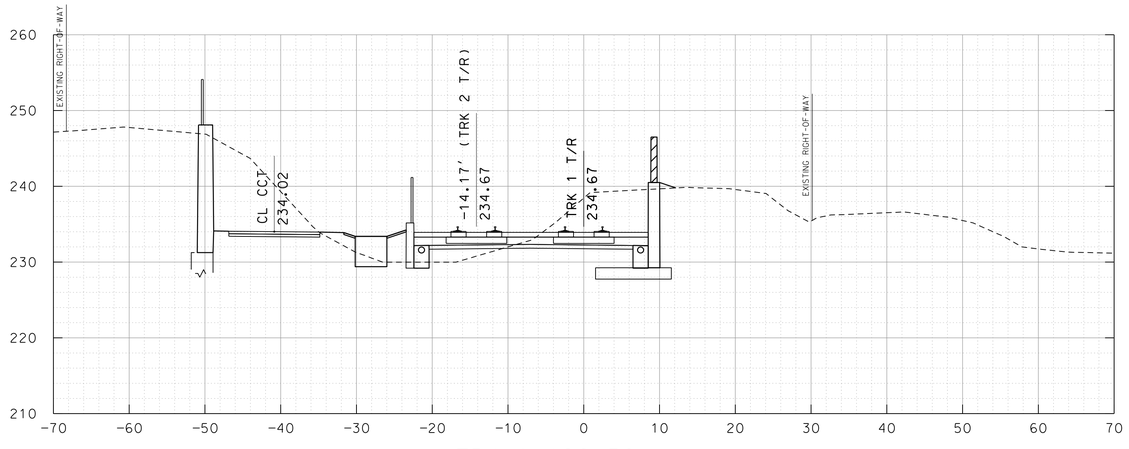
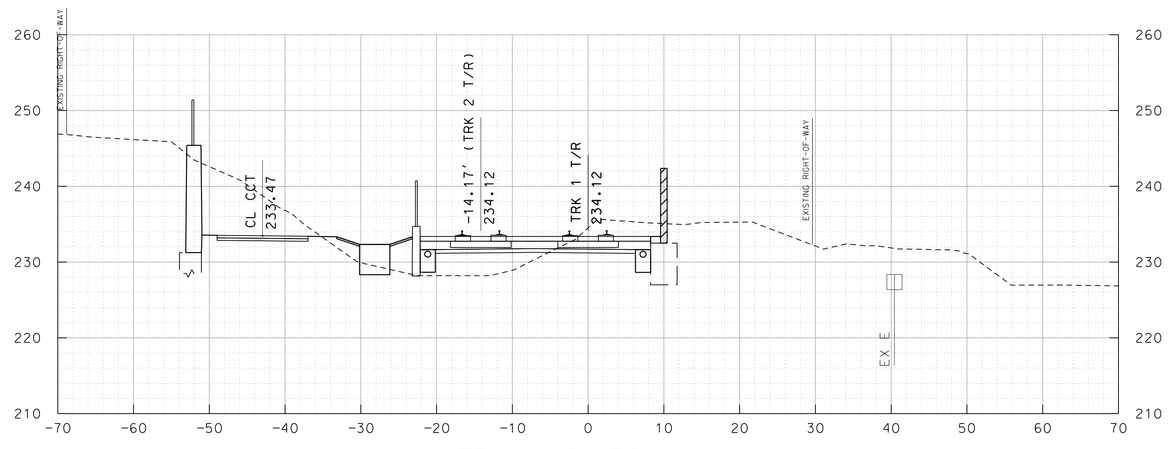
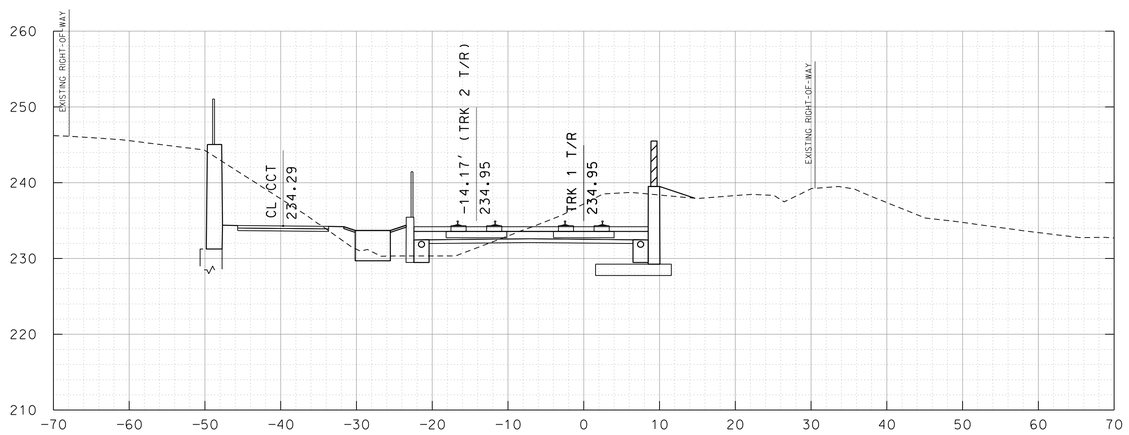
12/11/2013



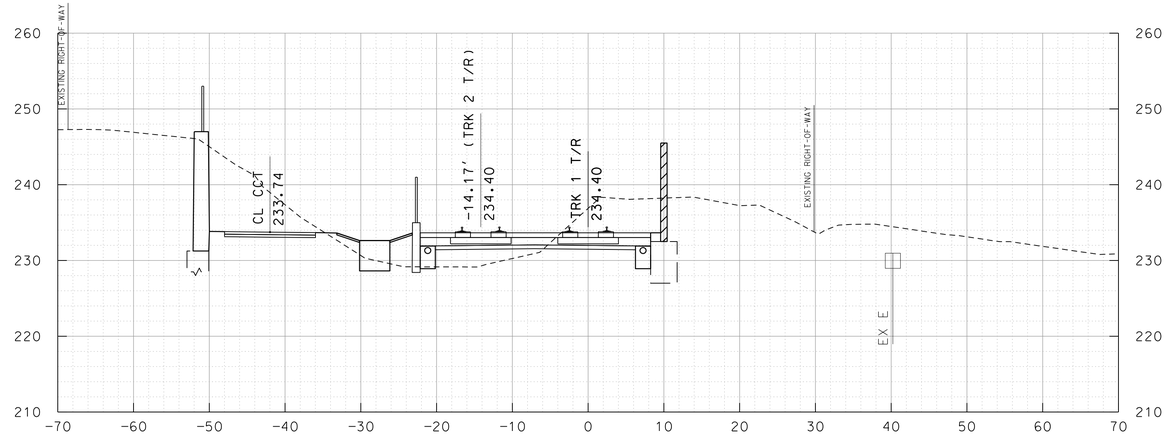
TRK 1 190+50



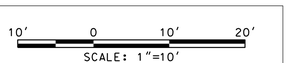
TRK 1 191+50



TRK 1 190+00



TRK 1 191+00



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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 190+00 TO STA TRK 1 191+50

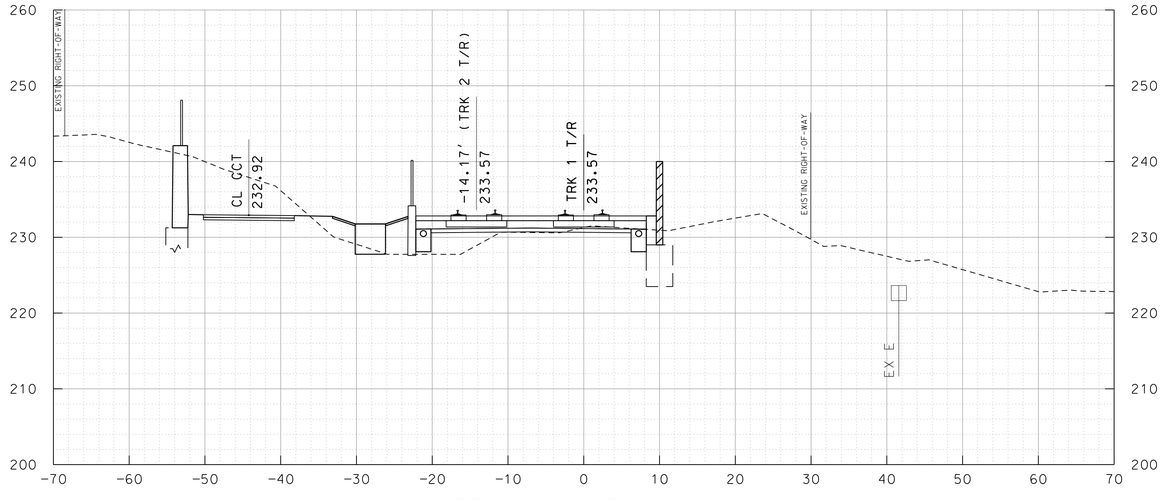
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

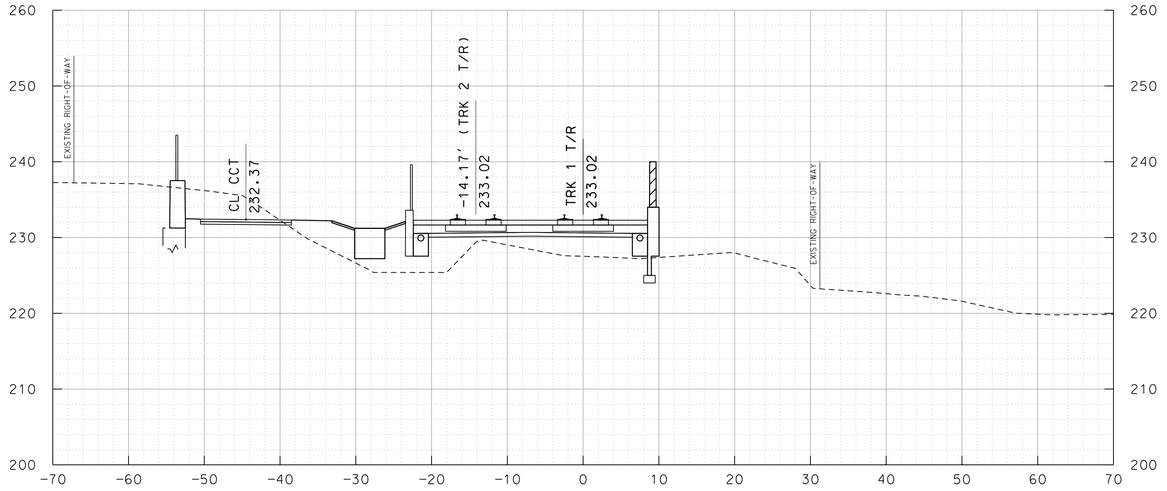
DRAWING NO. XS-046

SHEET NO. 55 OF 736

c:\pwworking\mtapw\wra-daniel beaver\d0103936\1042pXS1101.dgn
12/11/2013



TRK 1 192+50



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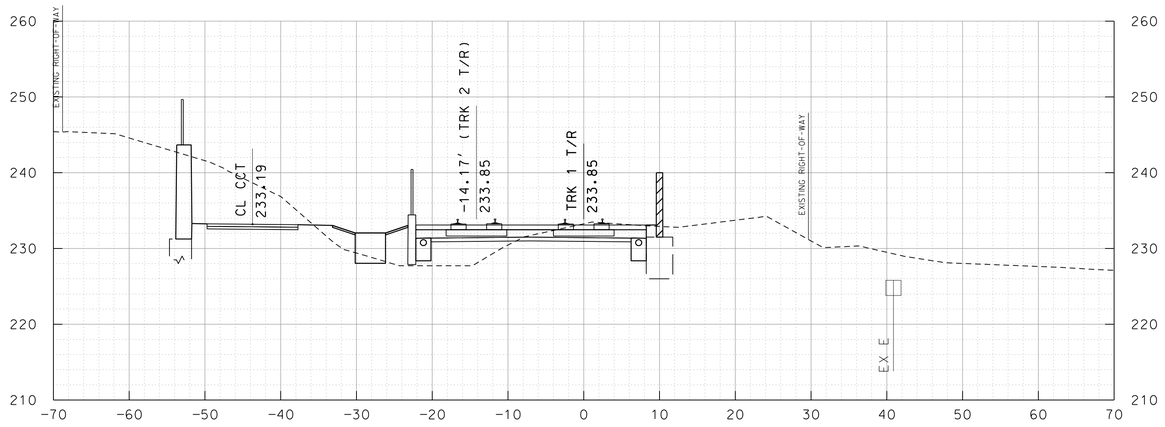

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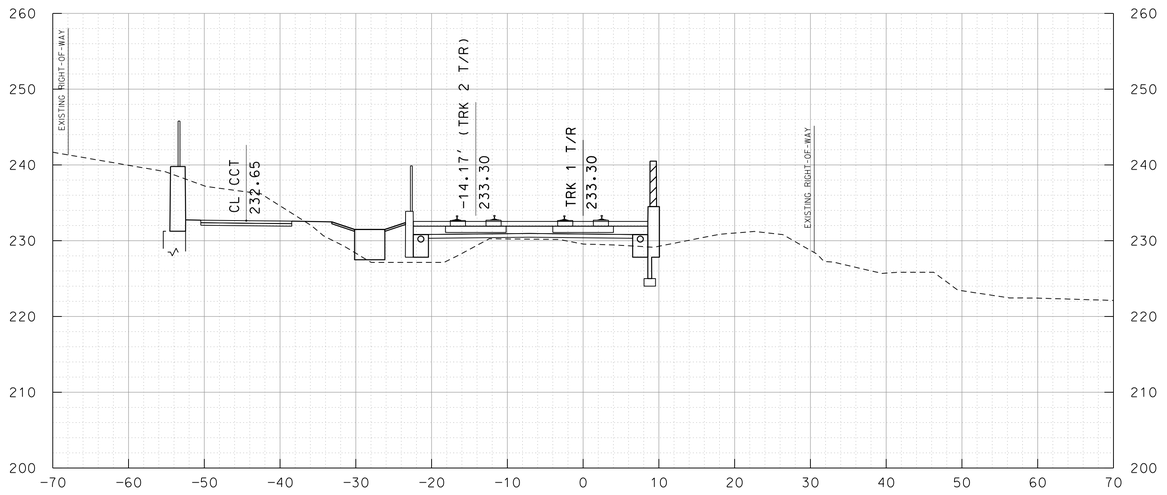

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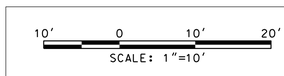

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

PROFESSIONAL CERTIFICATION

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 192+00 TO STA TRK 1 193+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-047
SHEET NO. 56 OF 736

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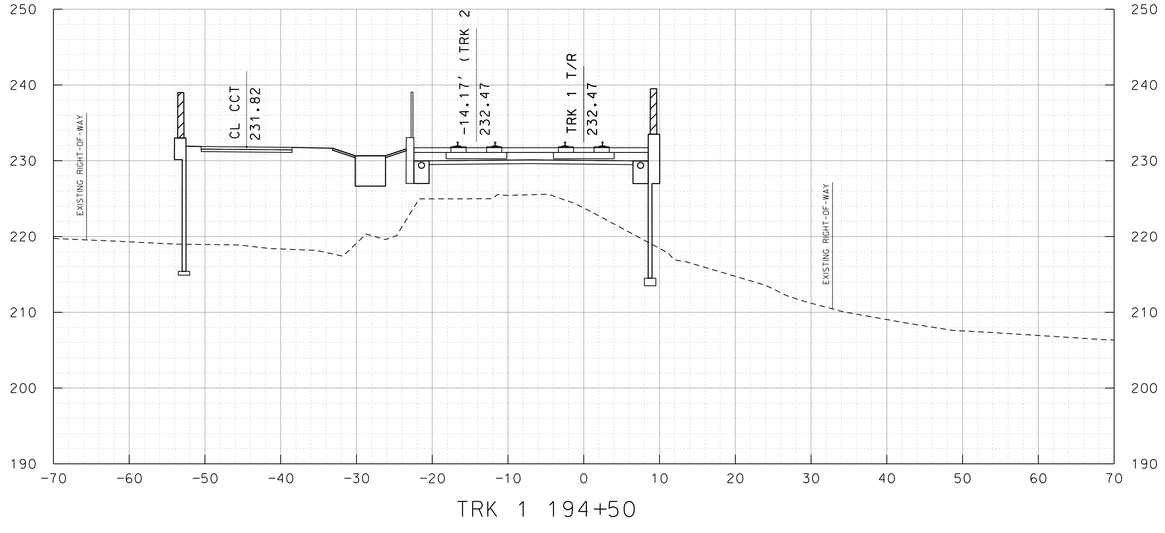
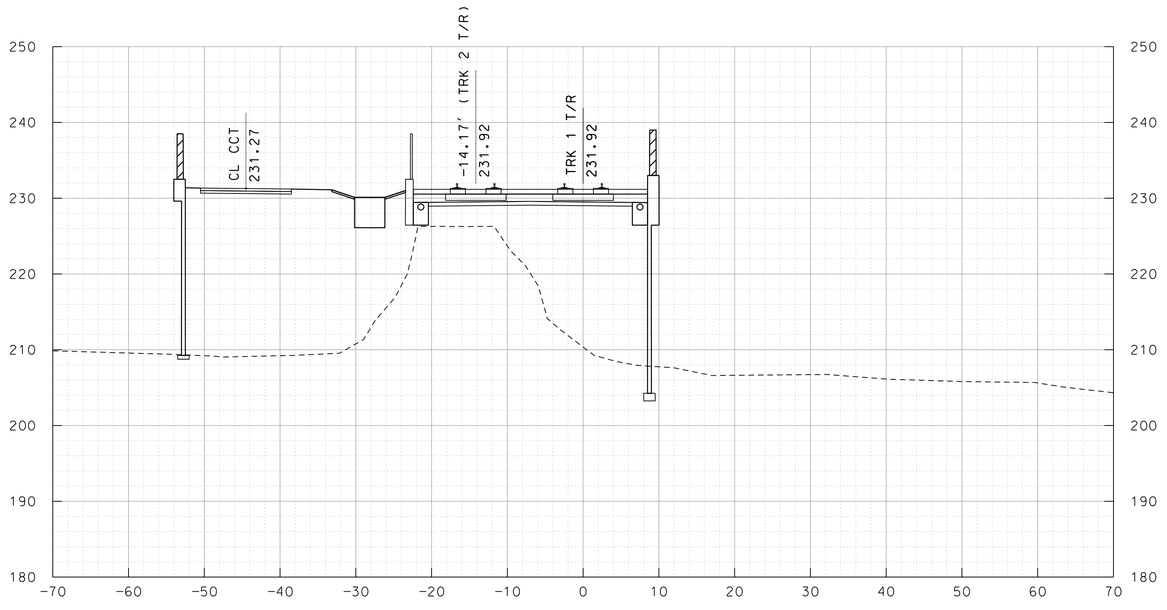
12/11/2013



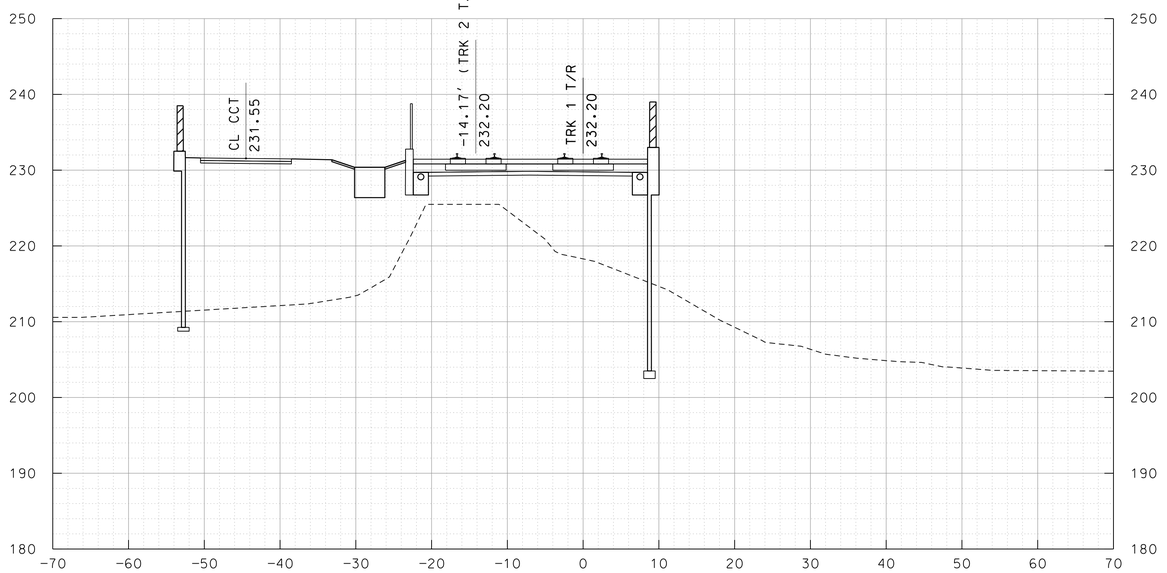
TRK 1 194+50



TRK 1 195+50



TRK 1 194+00



TRK 1 195+00

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 194+00 TO STA TRK 1 195+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-048
SHEET NO. 57 OF 736

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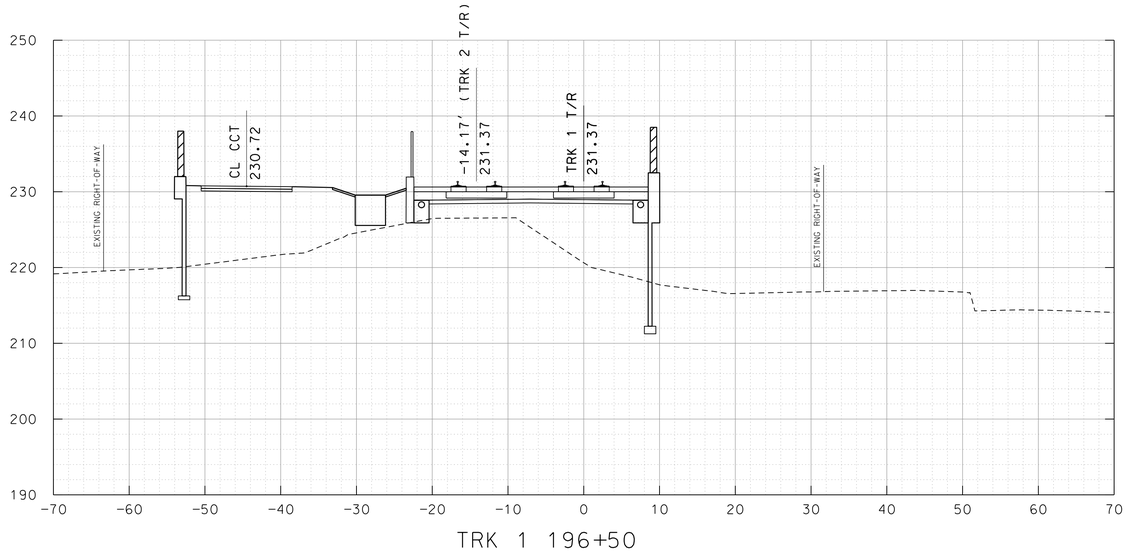
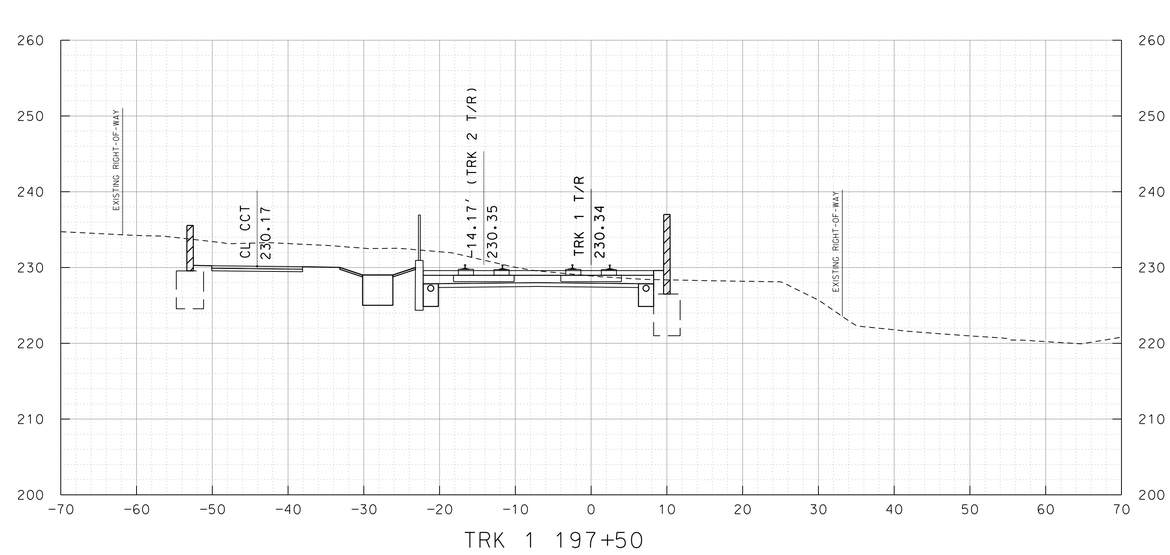
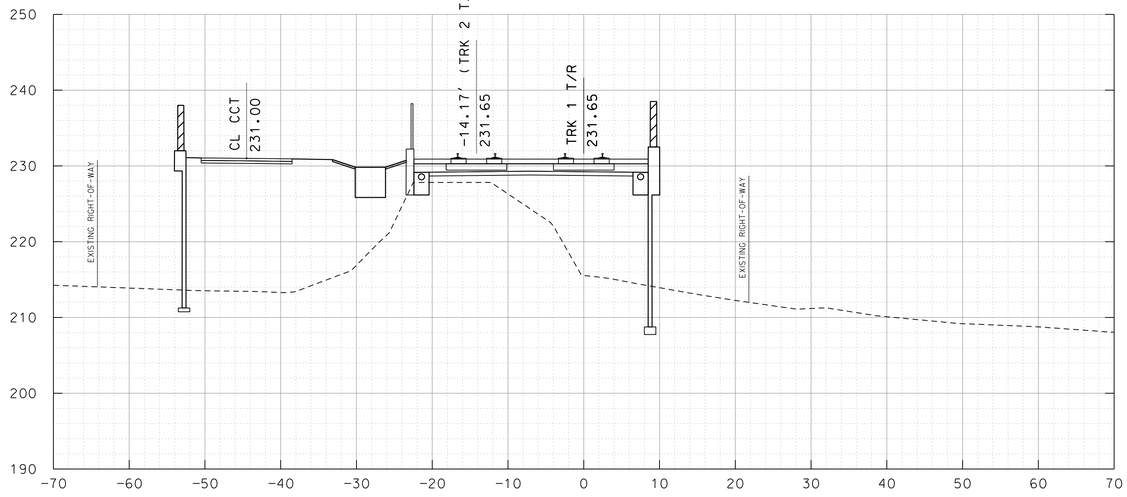
12/11/2013



TRK 1 196+50



TRK 1 197+50



TRK 1 196+00



TRK 1 197+00

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 196+00 TO STA TRK 1 197+50
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-049
SHEET NO. 58 OF 736

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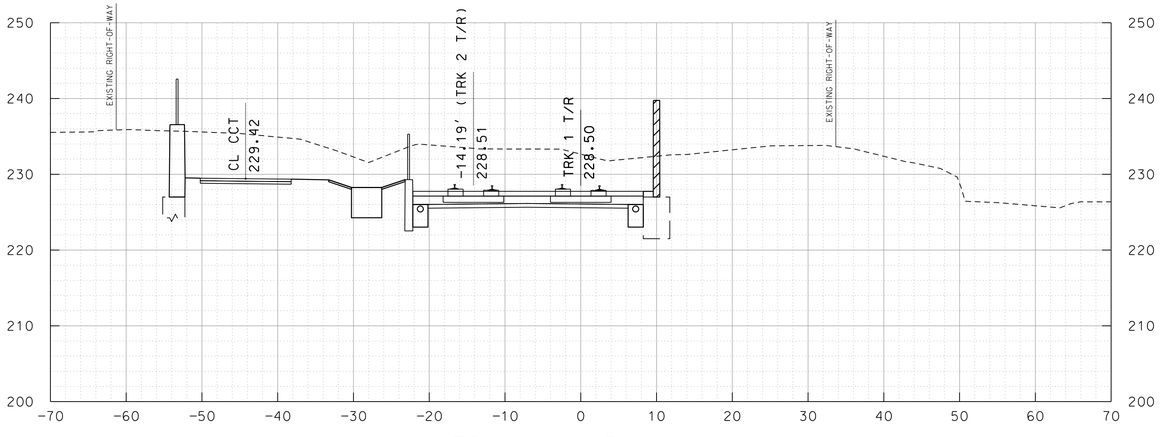
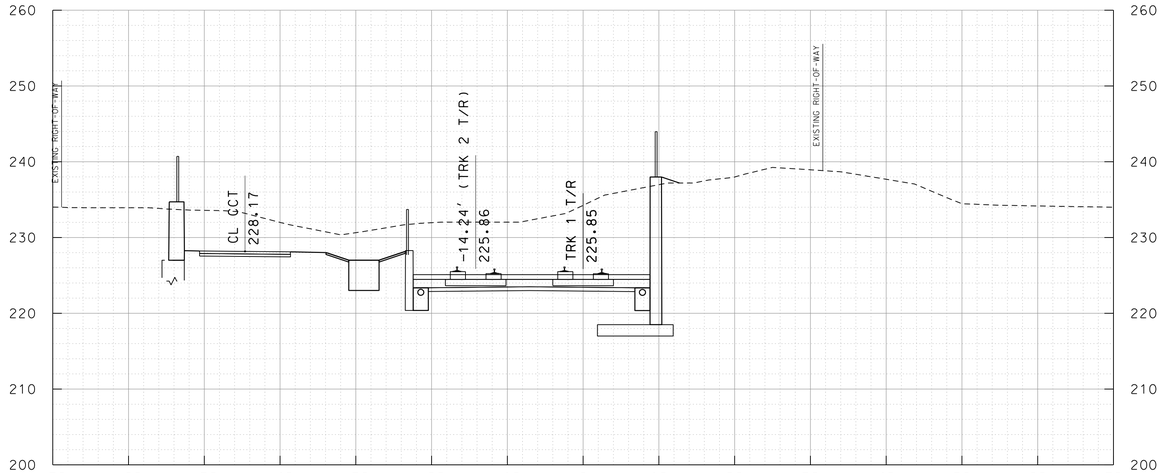
12/11/2013



TRK 1 198+50



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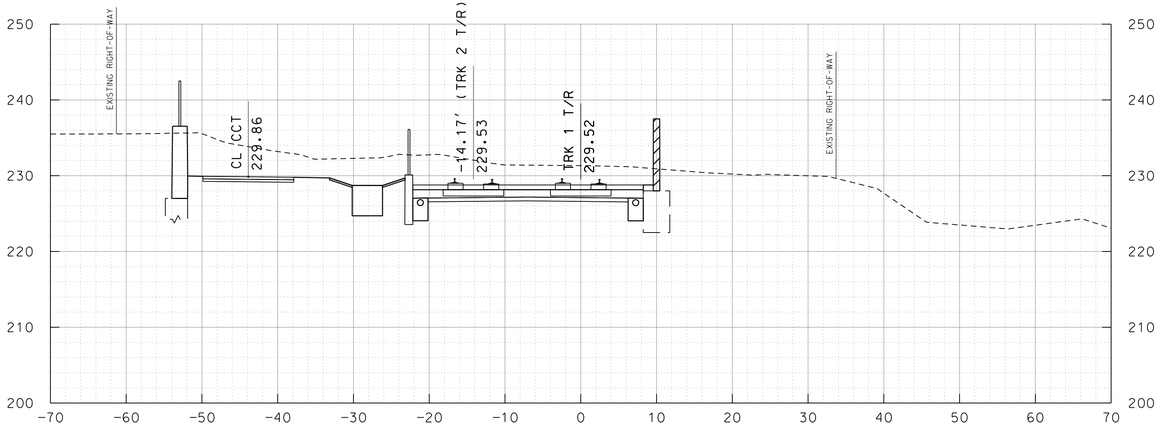

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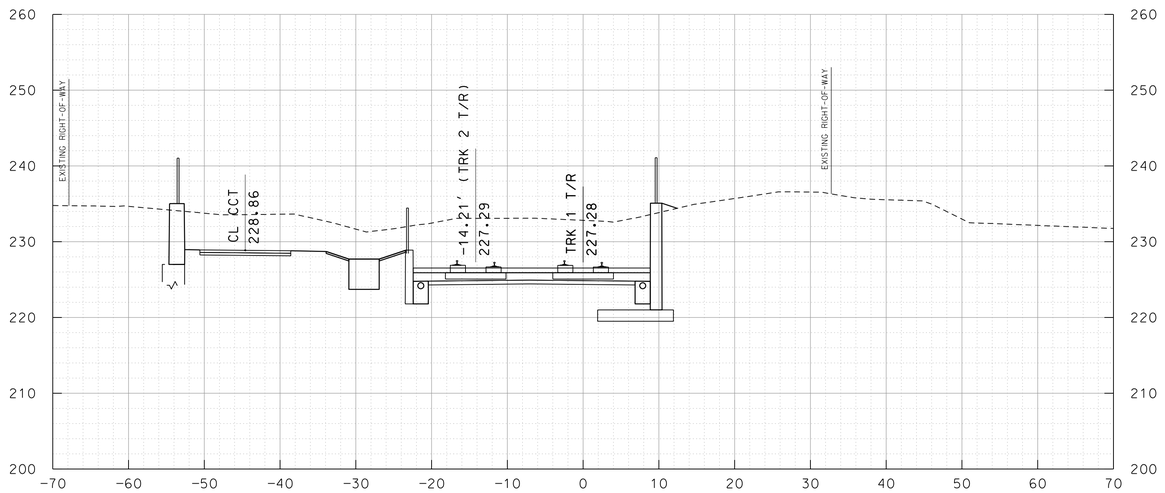

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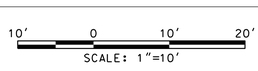

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 198+00 TO STA TRK 1 199+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-050

SHEET NO. 59 OF 736

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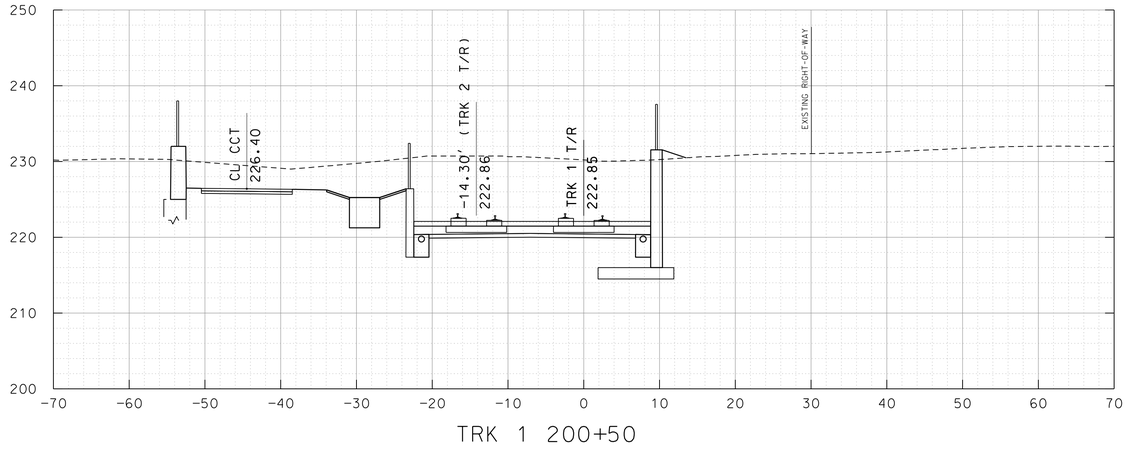
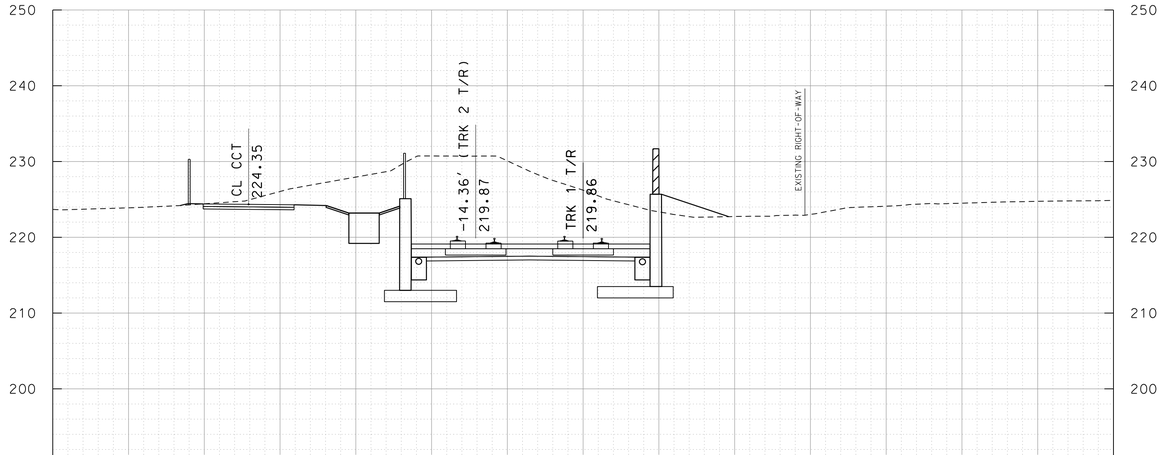
12/11/2013



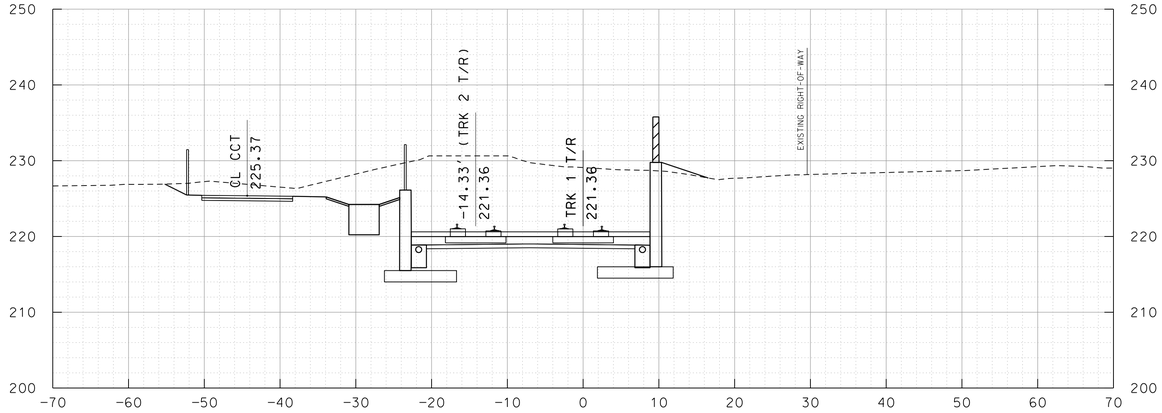
TRK 1 200+50



TRK 1 201+50



TRK 1 200+00



TRK 1 201+00

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 200+00 TO STA TRK 1 201+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-051
SHEET NO. 60 OF 736

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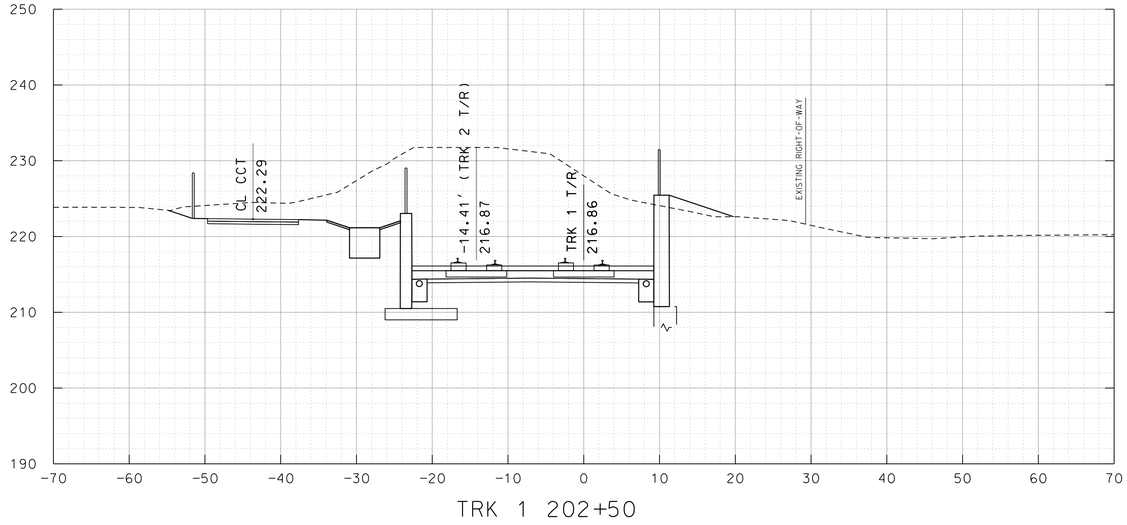
12/11/2013



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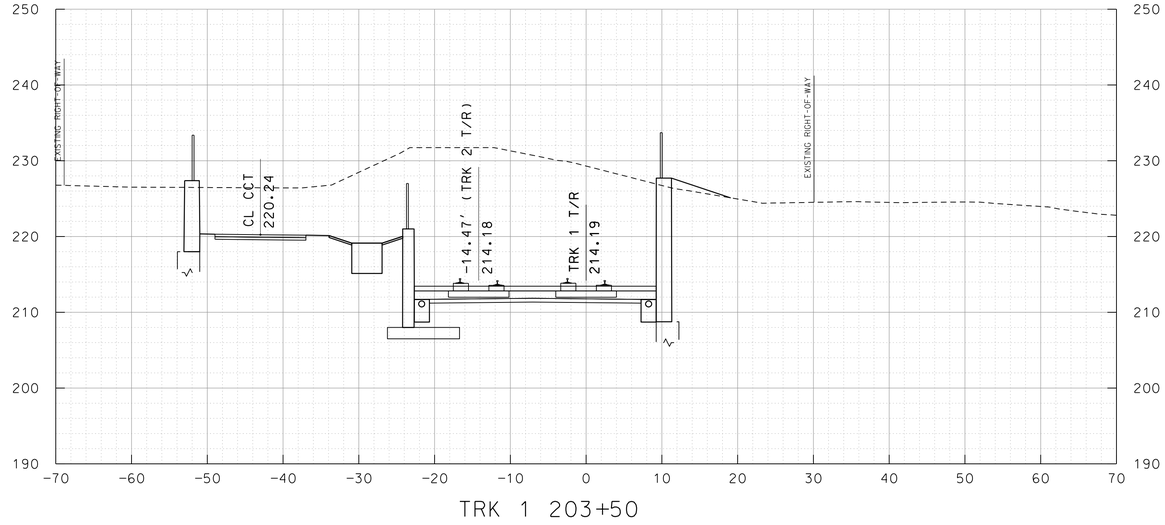
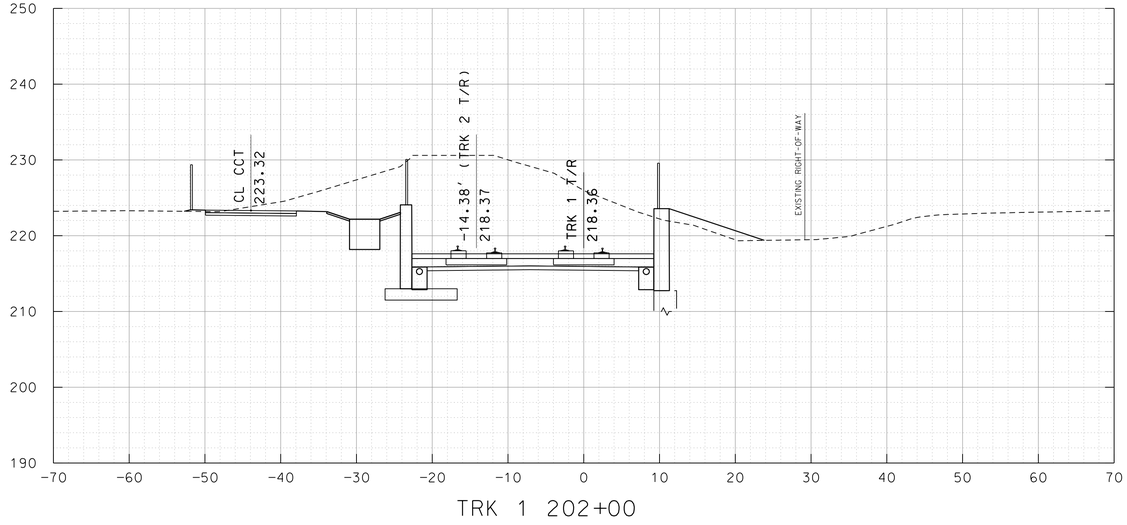
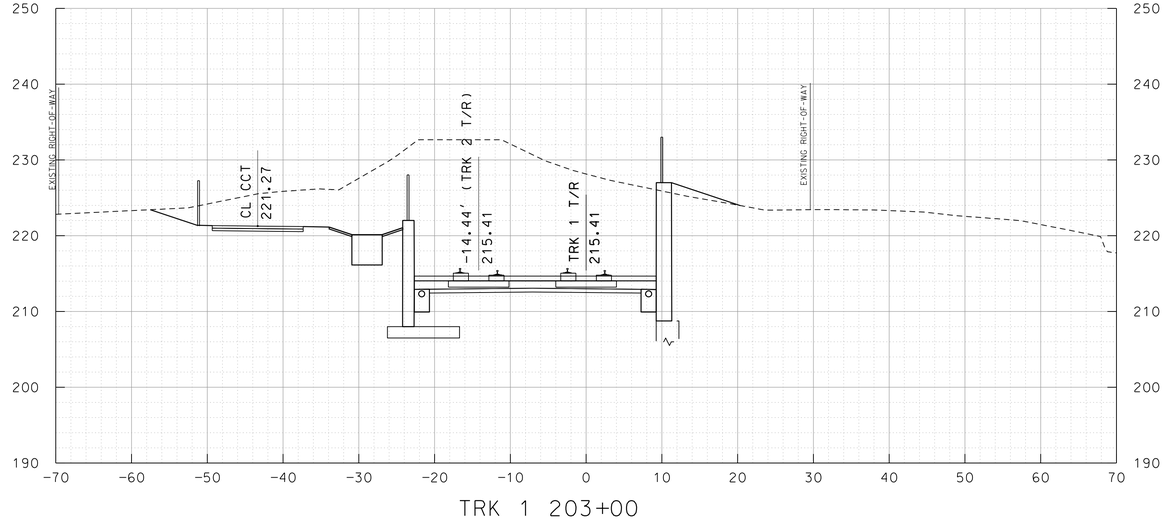


TRK 1 203+50



TRK 1 202+00



TRK 1 203+00

10' 0 10' 20'

SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 202+00 TO STA TRK 1 203+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-052
SHEET NO. 61 OF 736

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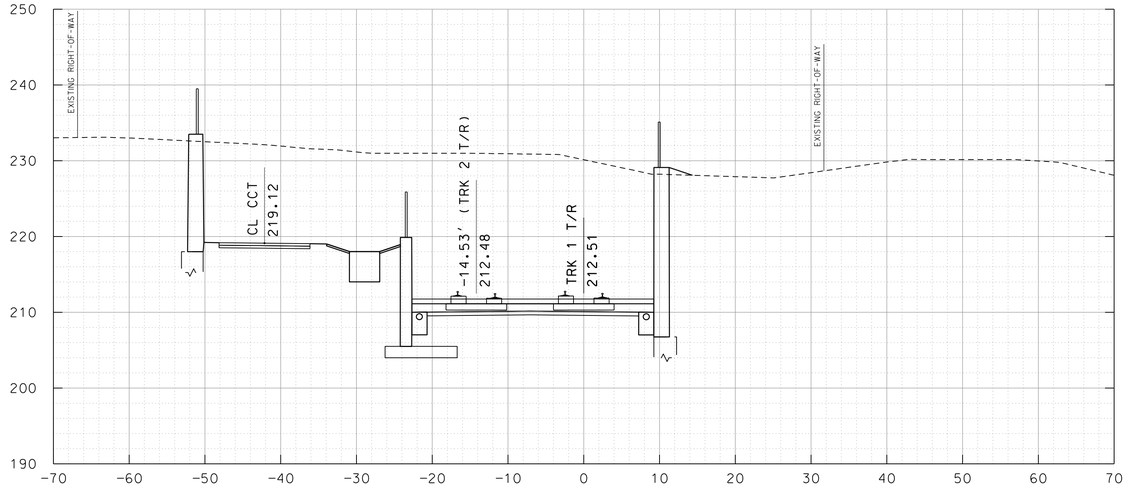
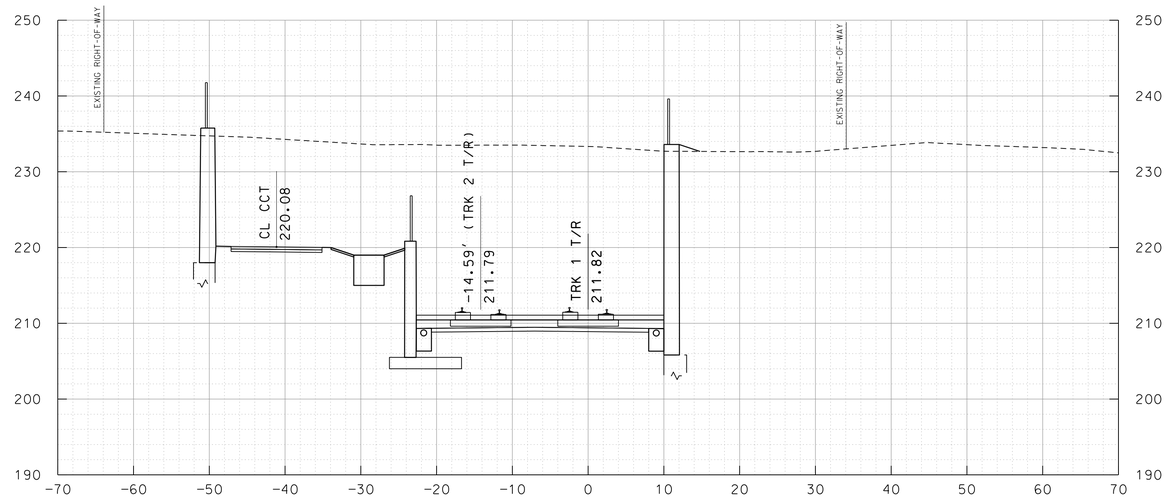
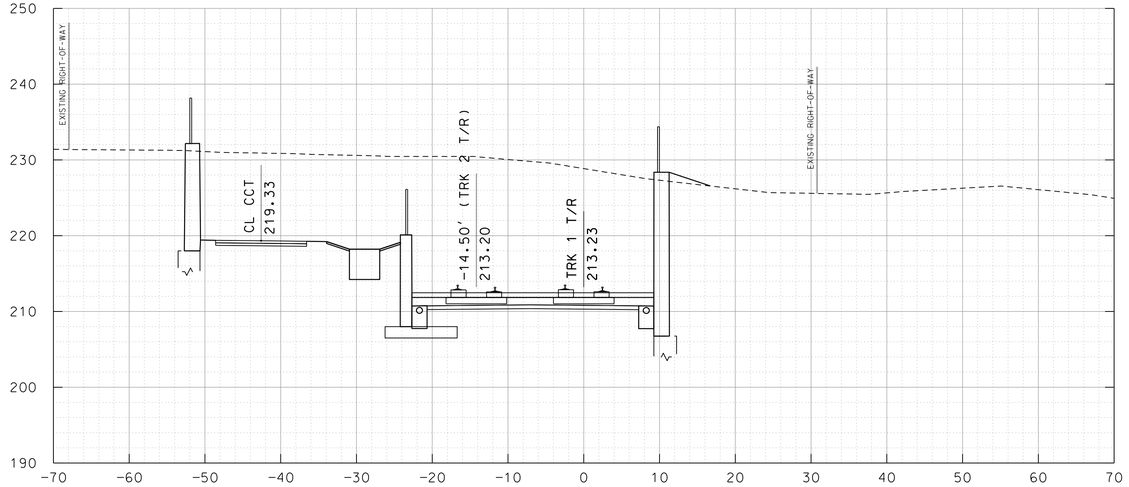
12/11/2013



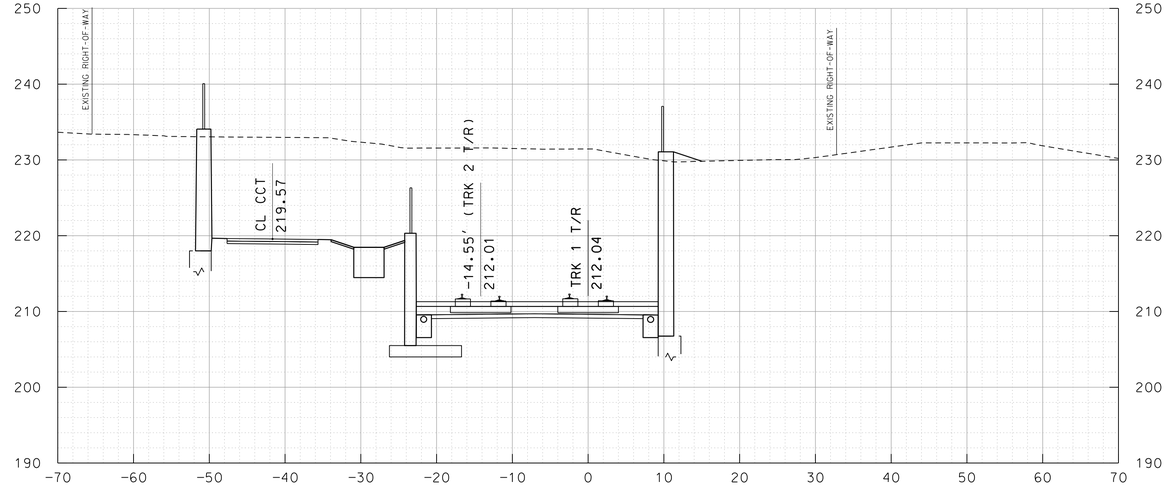
TRK 1 204+50



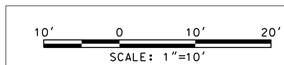
TRK 1 205+50



TRK 1 204+00



TRK 1 205+00



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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 204+00 TO STA TRK 1 205+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-053

SHEET NO. 62 OF 736

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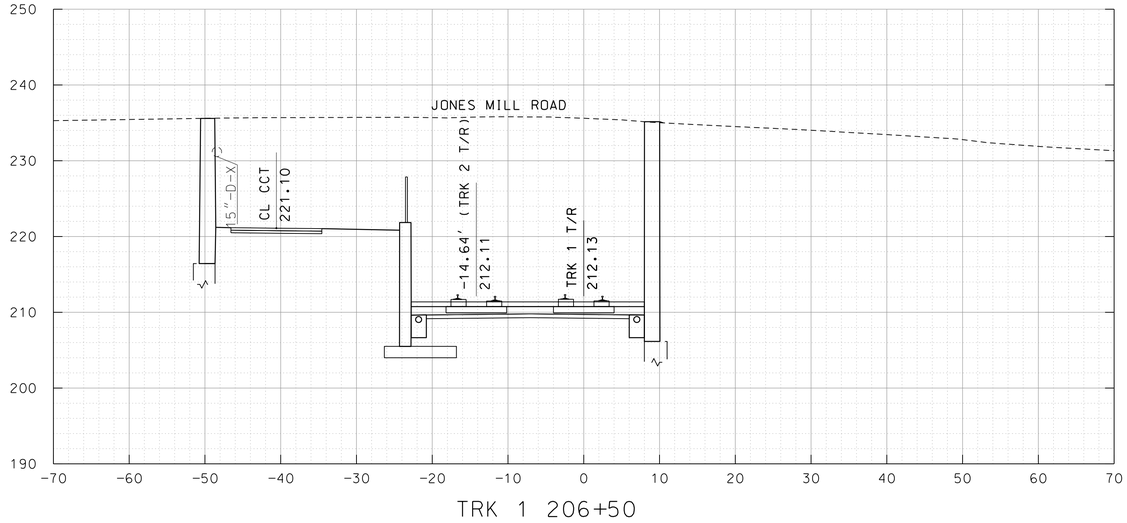
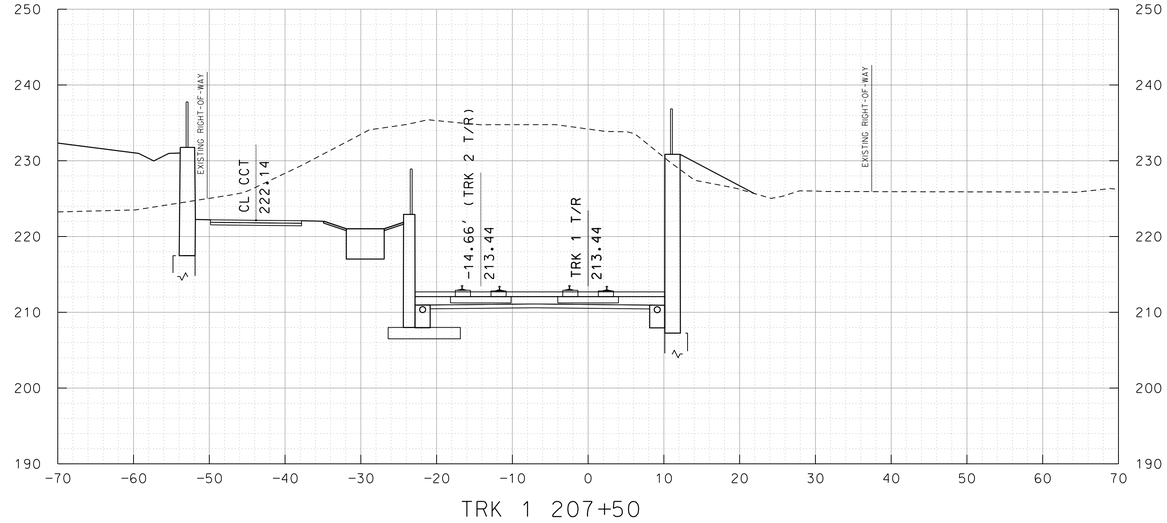
12/11/2013



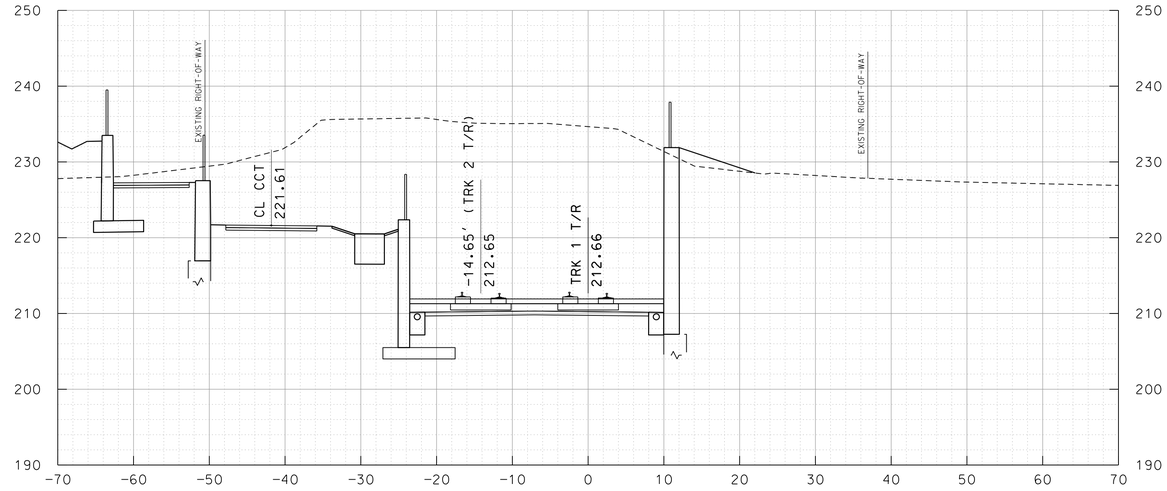
TRK 1 206+50



TRK 1 207+50



TRK 1 206+00



TRK 1 207+00

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 206+00 TO STA TRK 1 207+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-054
SHEET NO. 63 OF 736

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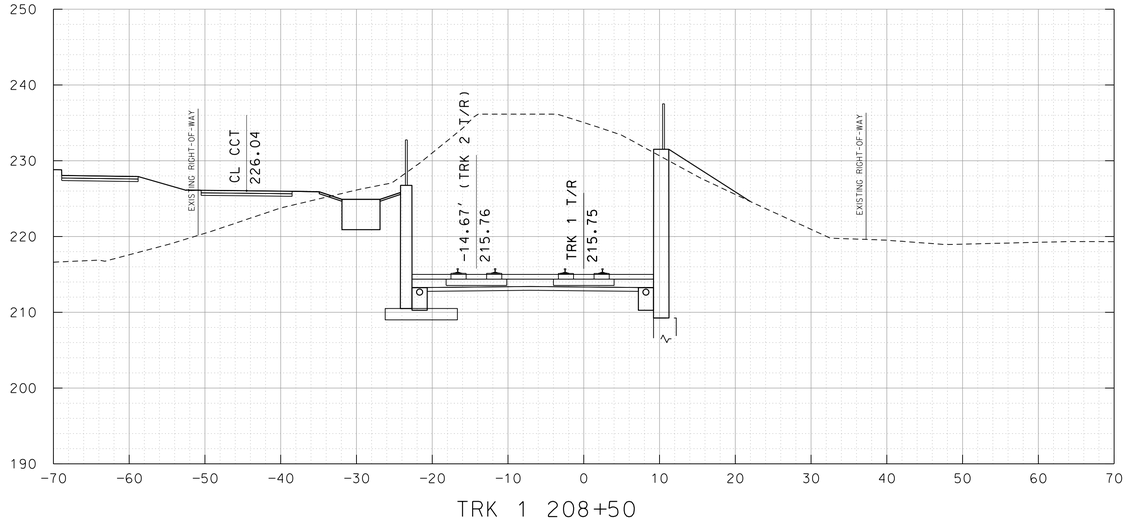
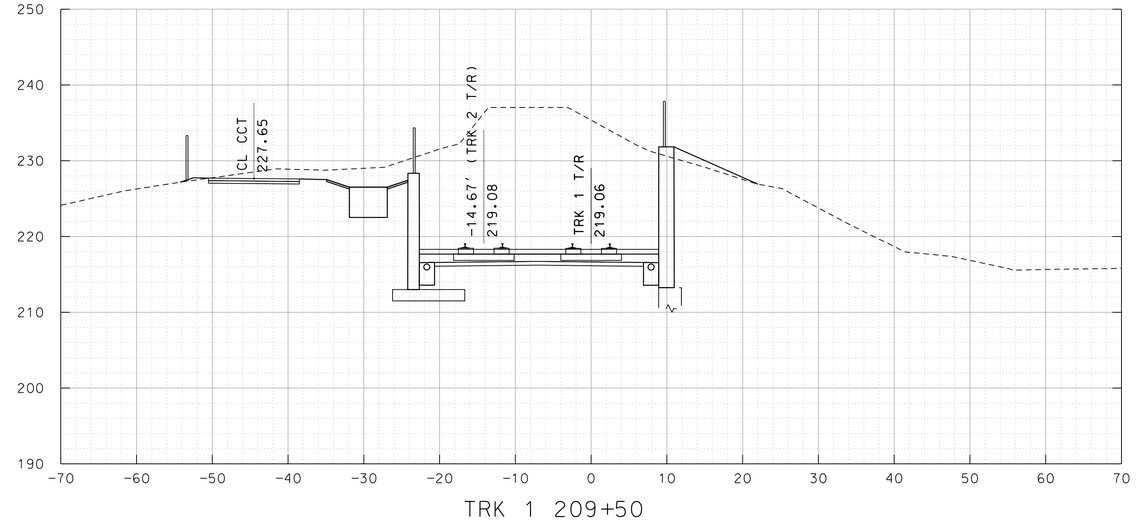
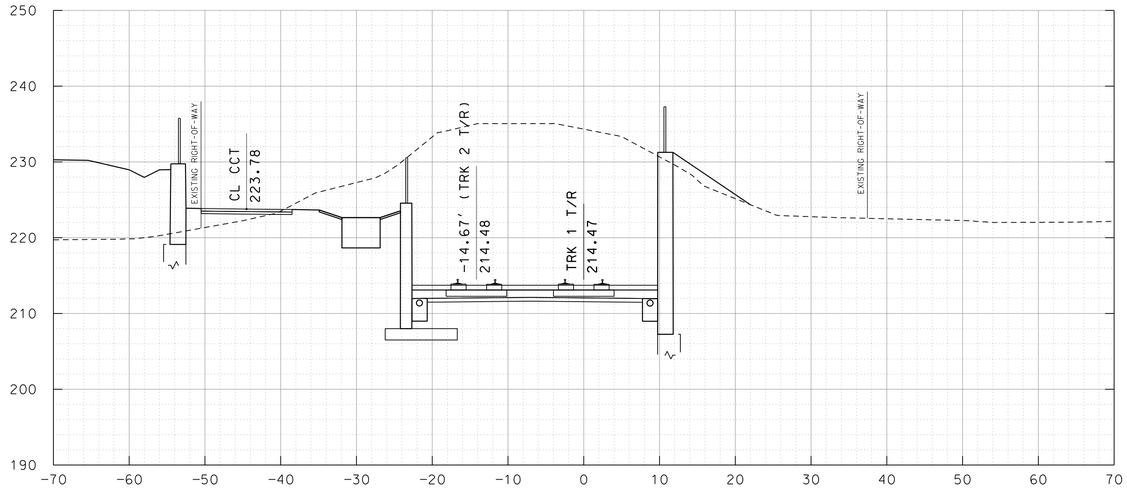
12/11/2013



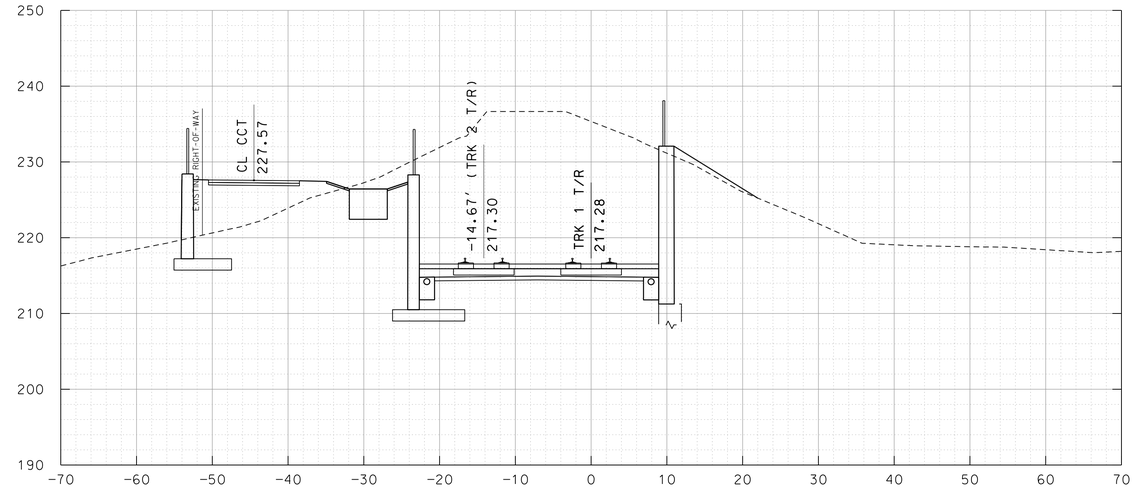
TRK 1 208+50



TRK 1 209+50



TRK 1 208+00



TRK 1 209+00

10' 0 10' 20'

SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming

WR&A

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 208+00 TO STA TRK 1 209+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-055

SHEET NO. 64 OF 736

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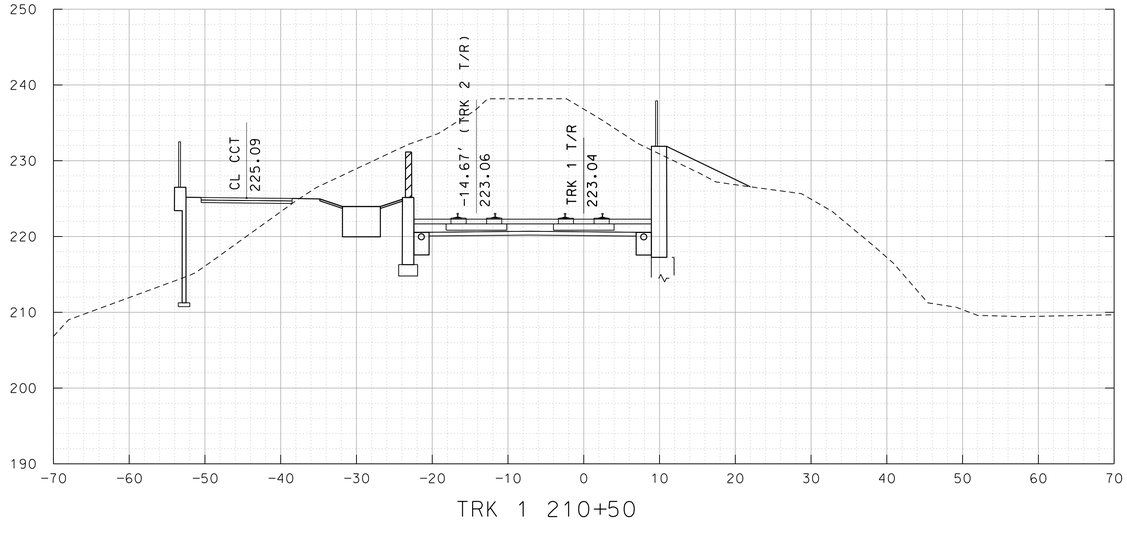
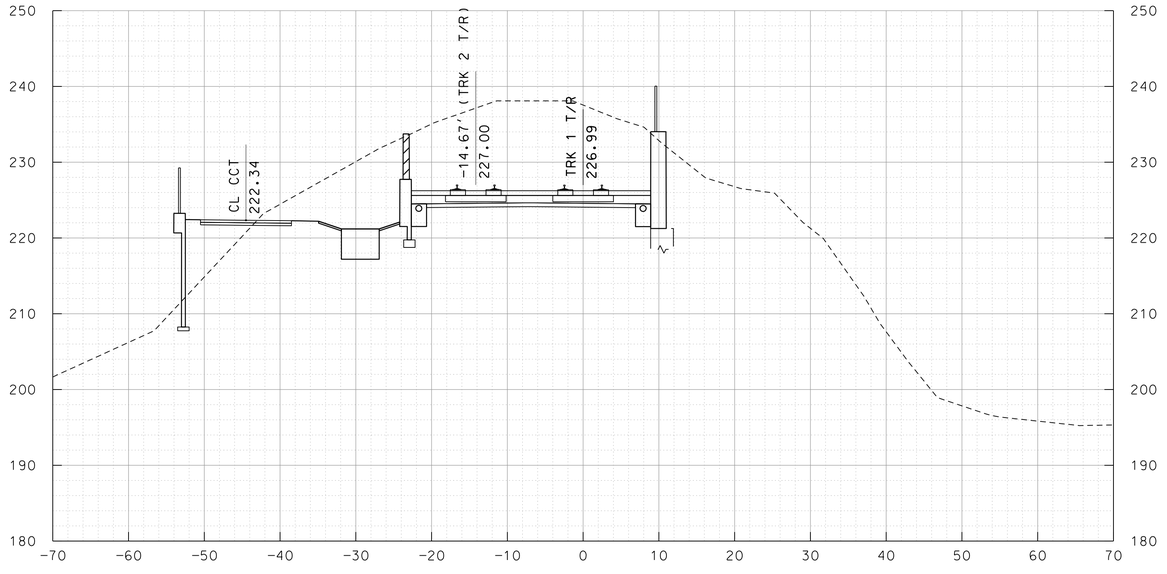
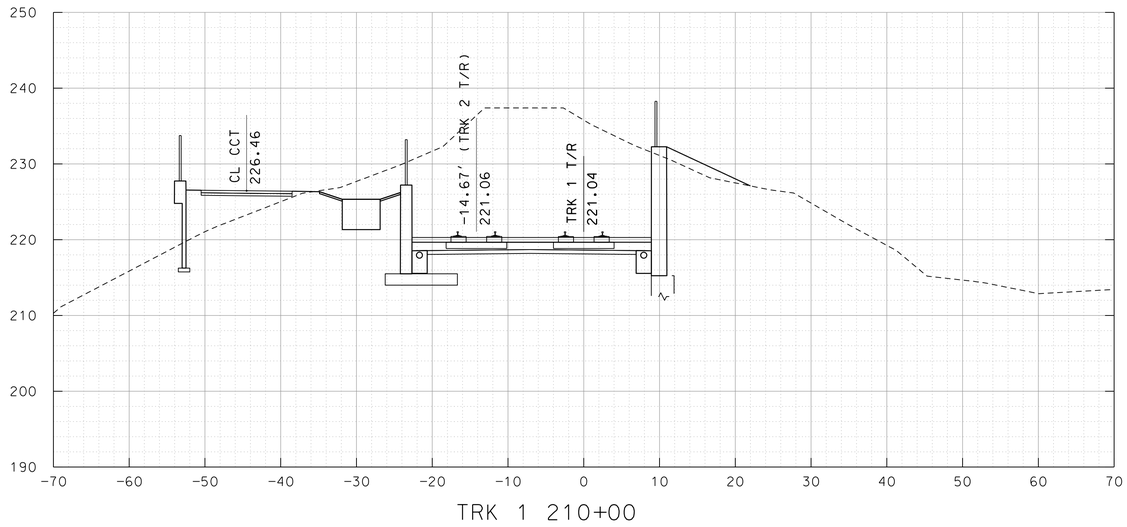
12/11/2013



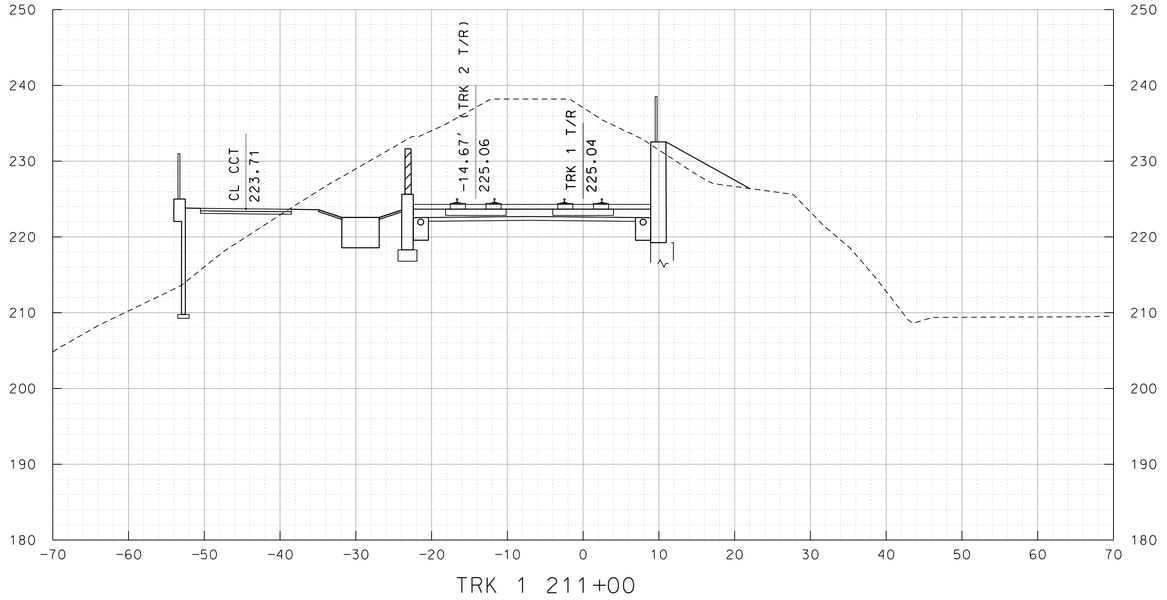
TRK 1 210+50



TRK 1 211+50



TRK 1 210+00



TRK 1 211+00

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 210+00 TO STA TRK 1 211+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-056
SHEET NO. 65 OF 736

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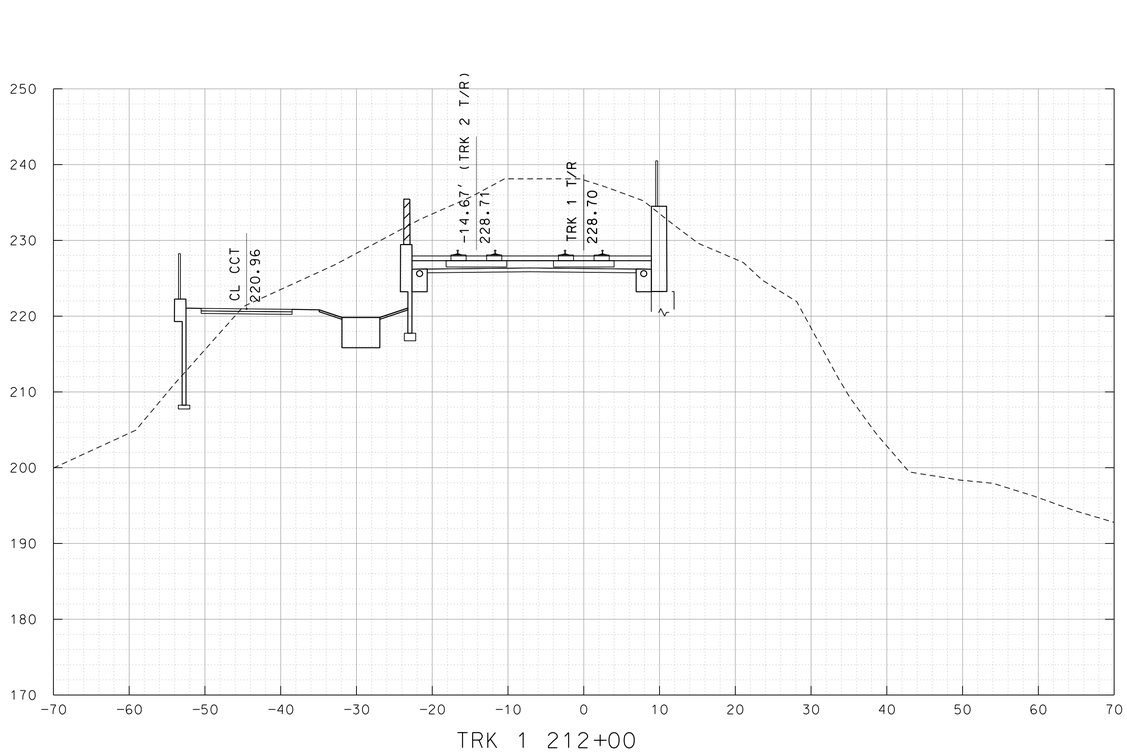
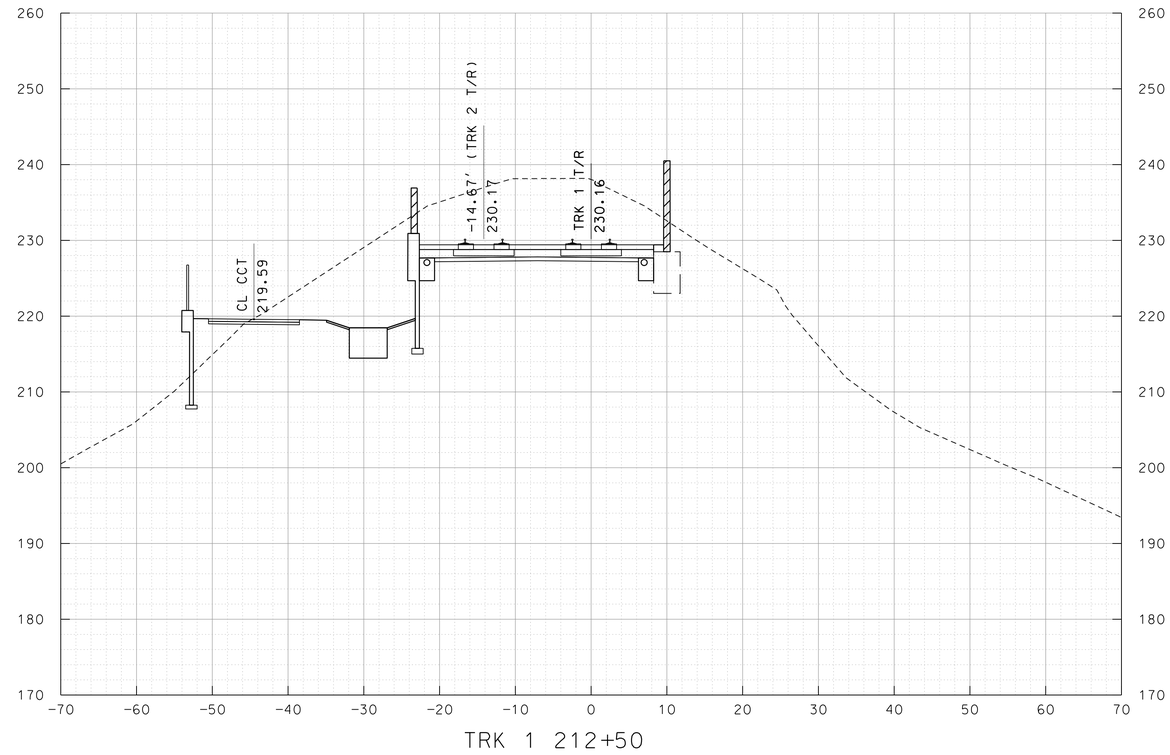
12/11/2013



TRK 1 212+00



TRK 1 212+50

10' 0 10' 20'

SCALE: 1"=10'

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 212+00 TO STA TRK 1 212+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-057

SHEET NO. 66 OF 736

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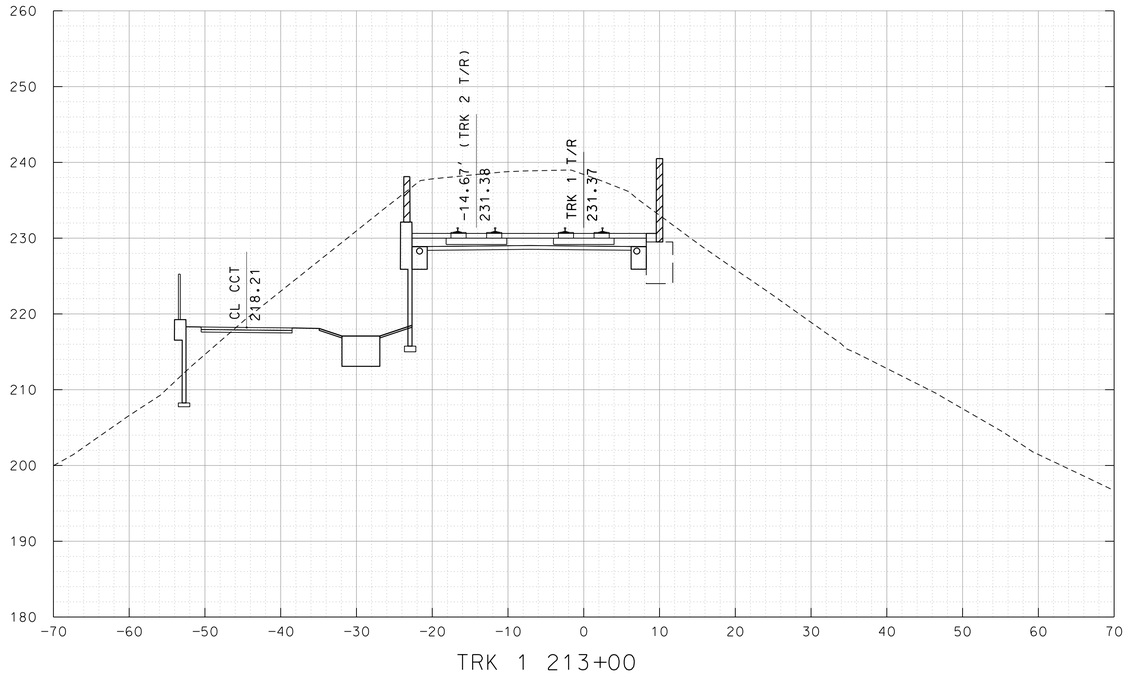
12/11/2013



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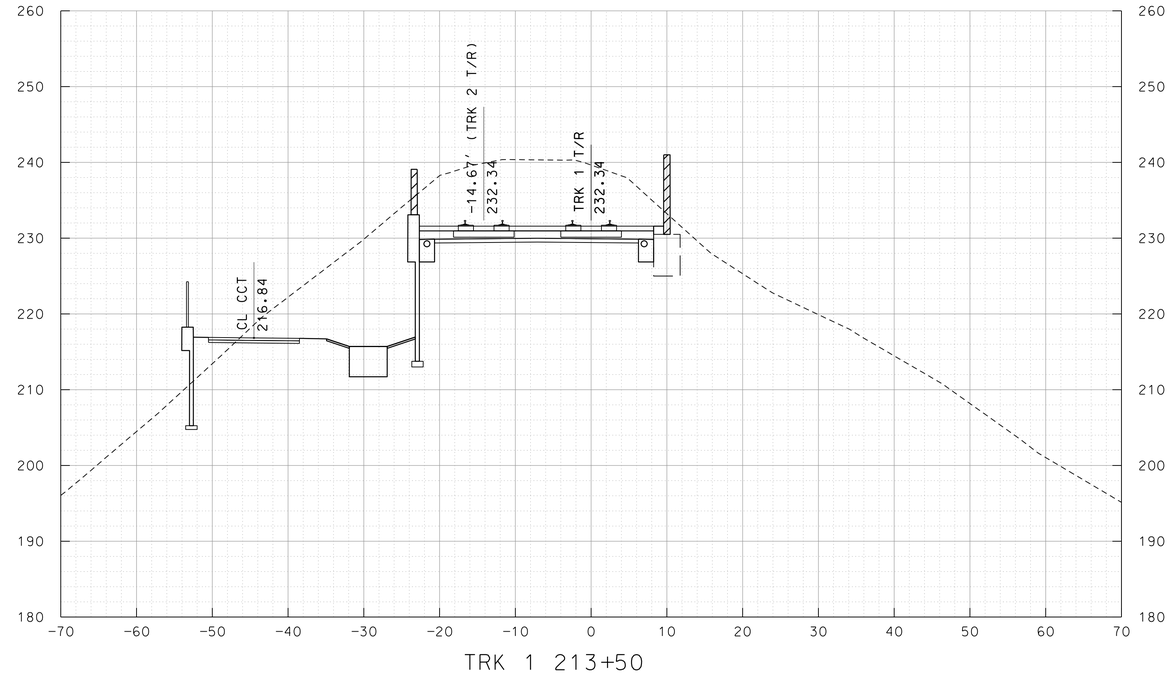

TRK 1 213+50

10' 0 10' 20'

SCALE: 1"=10'

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 213+00 TO STA TRK 1 213+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-058

SHEET NO. 67 OF 736

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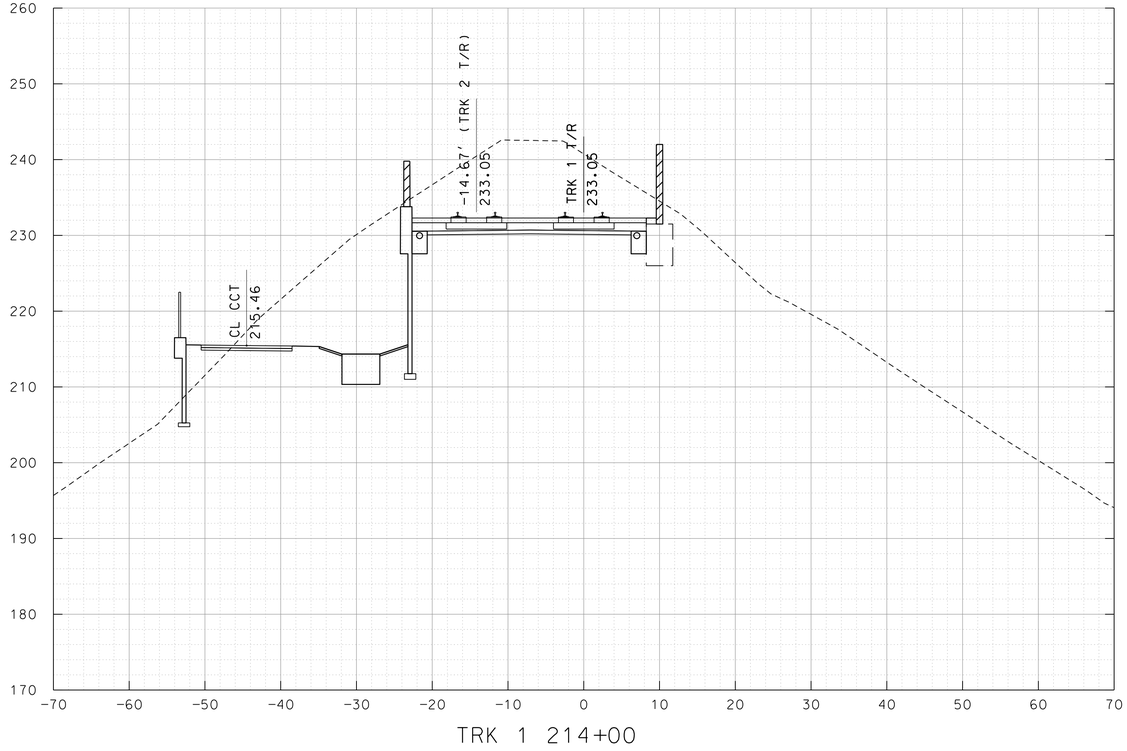
12/11/2013



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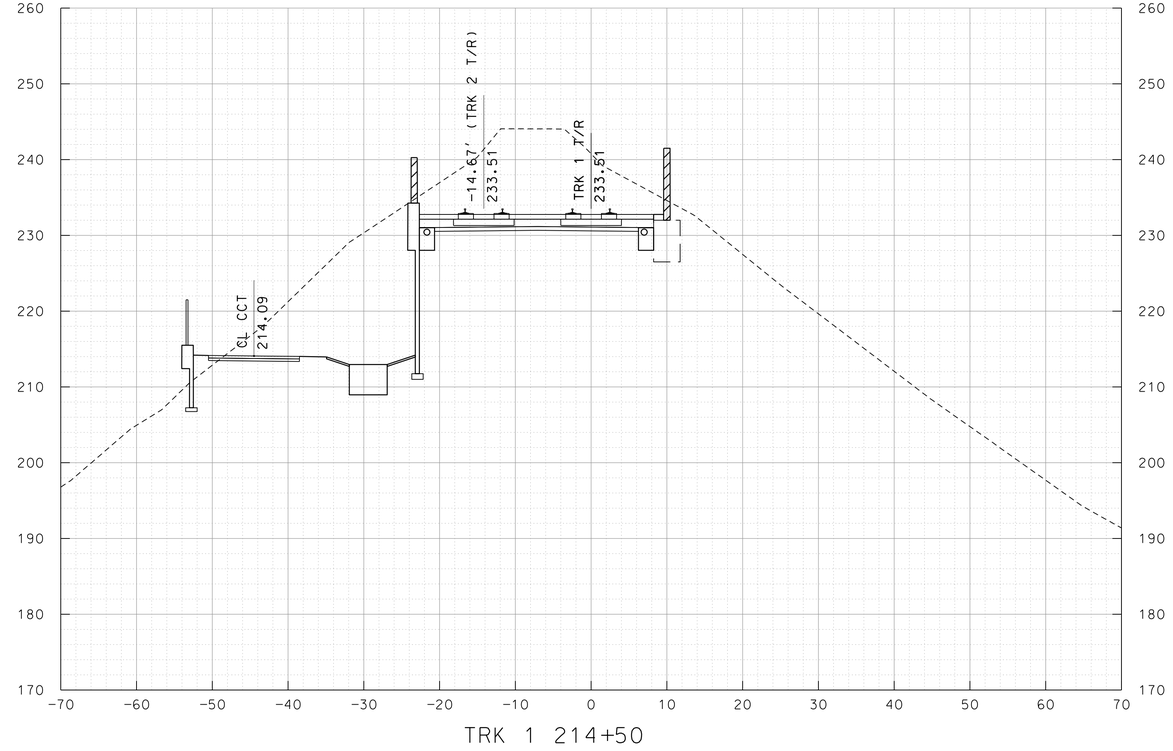

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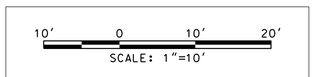

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 214+00 TO STA TRK 1 214+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T–1042–0220

DRAWING NO. XS–059

SHEET NO. 68 OF 736

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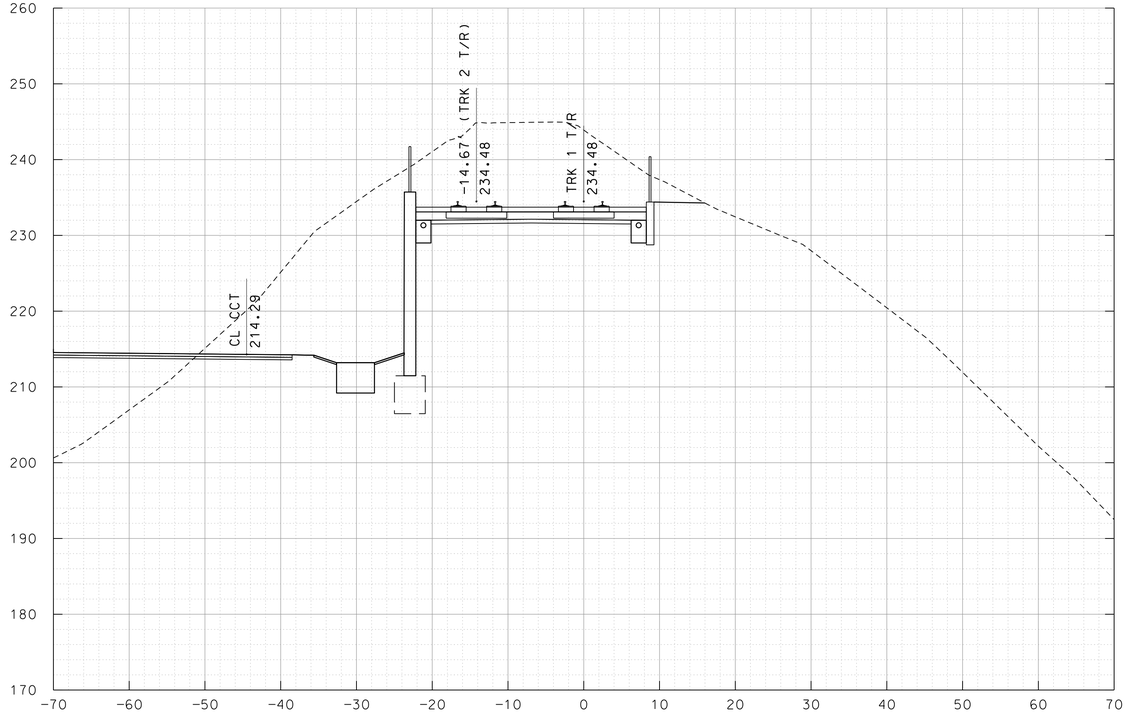
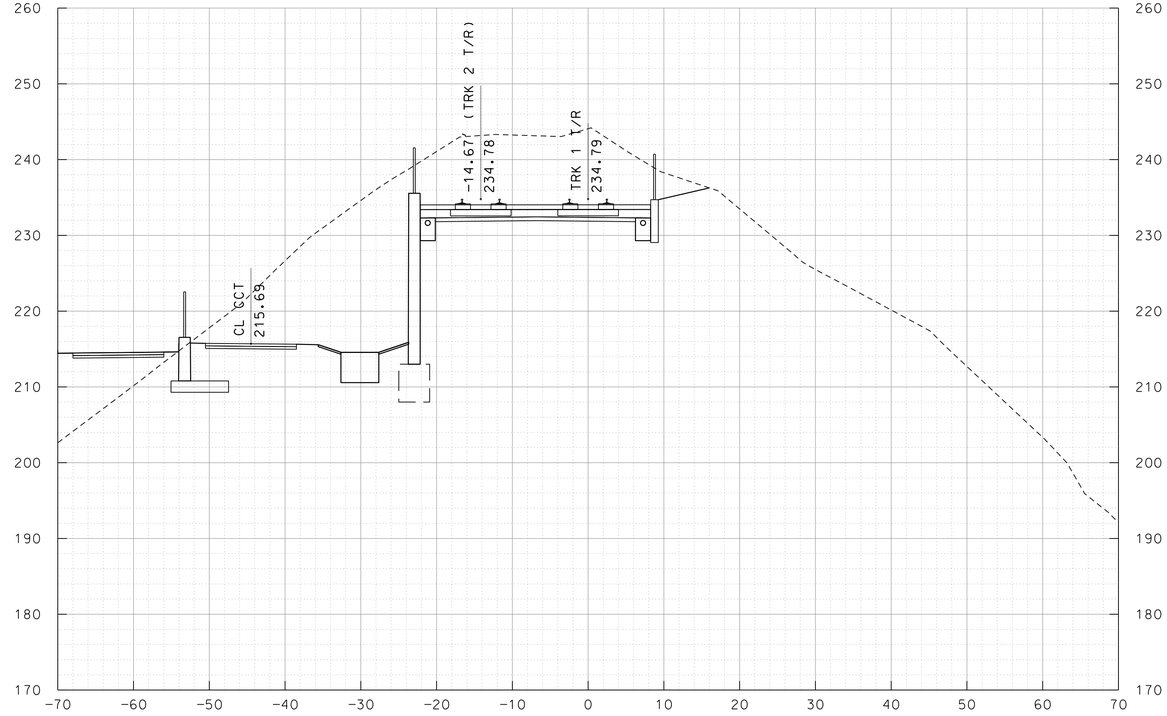
12/11/2013

FOR CROSS SECTIONS FROM STATION 215+00 TO STATION 217+00
SEE VOLUME 6 – STRUCTURES



TRK 1 217+50



TRK 1 218+00

10' 0 10' 20'
SCALE: 1"=10'

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 217+50 TO STA TRK 1 218+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-060
SHEET NO. 69 OF 736

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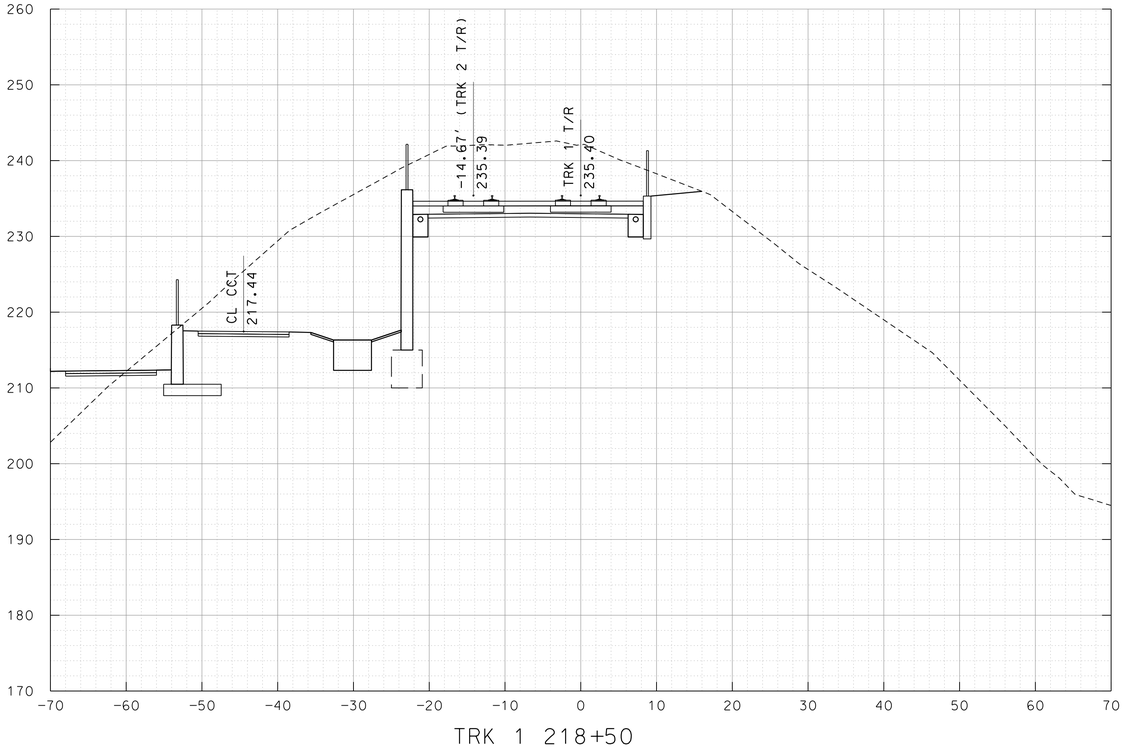
12/11/2013



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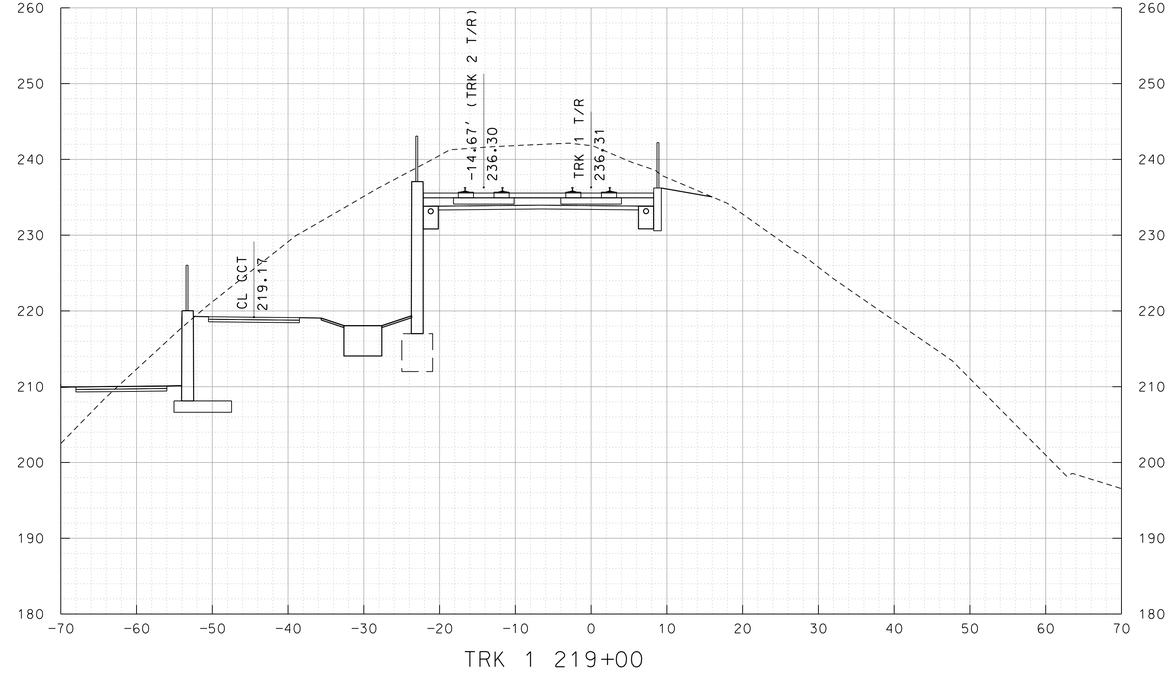

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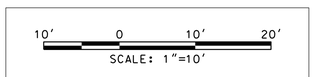

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 218+50 TO STA TRK 1 219+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-061

SHEET NO. 70 OF 736

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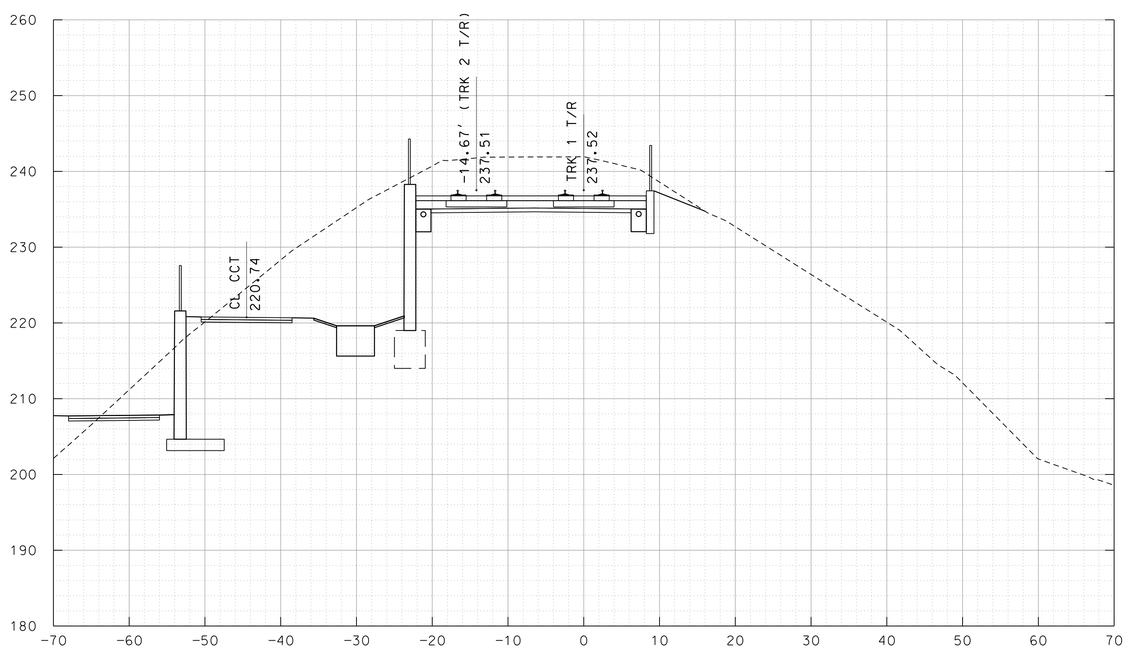
12/11/2013



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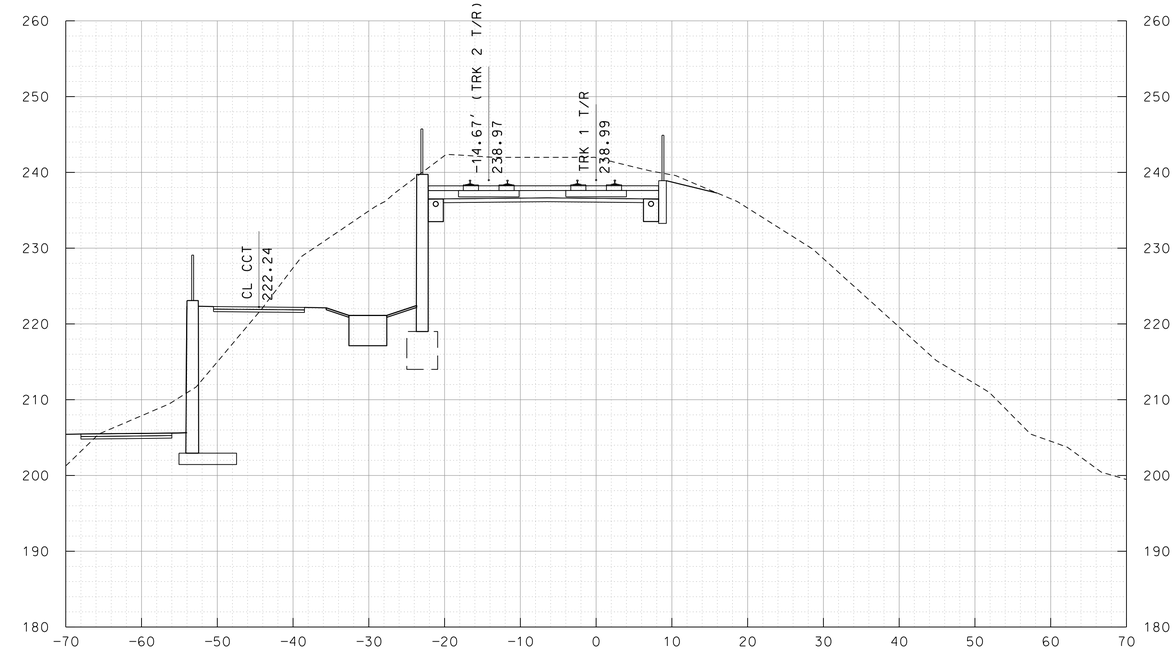

TRK 1 220+00

10' 0 10' 20'

SCALE: 1"=10'

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DESIGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 219+50 TO STA TRK 1 220+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-062

SHEET NO. 71 OF 736

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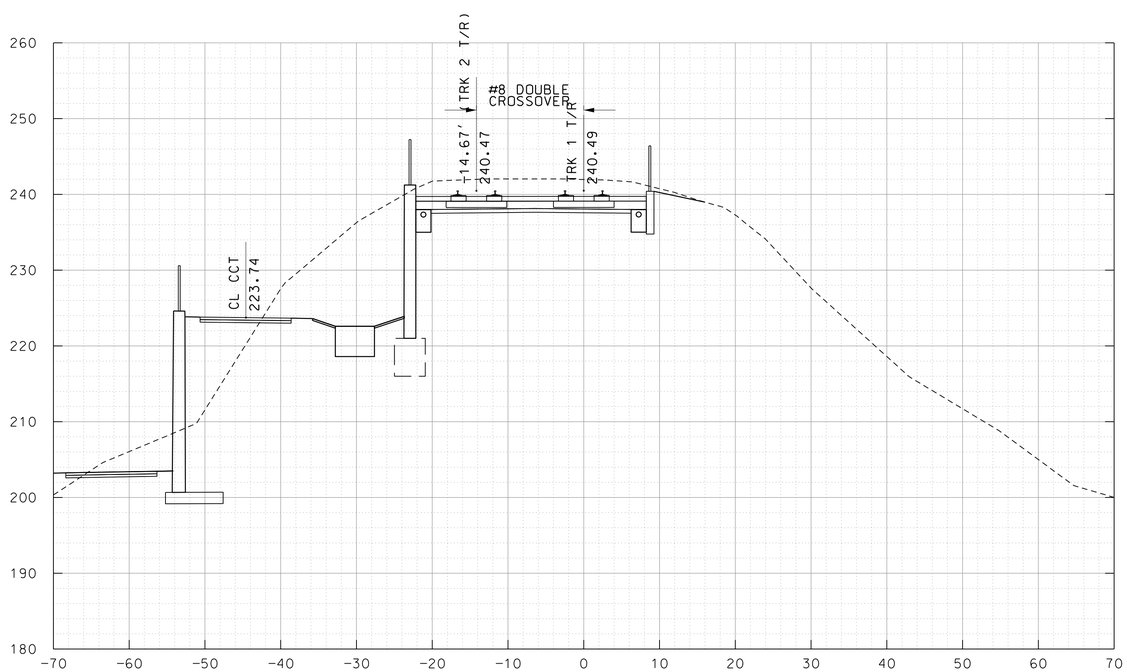
12/11/2013



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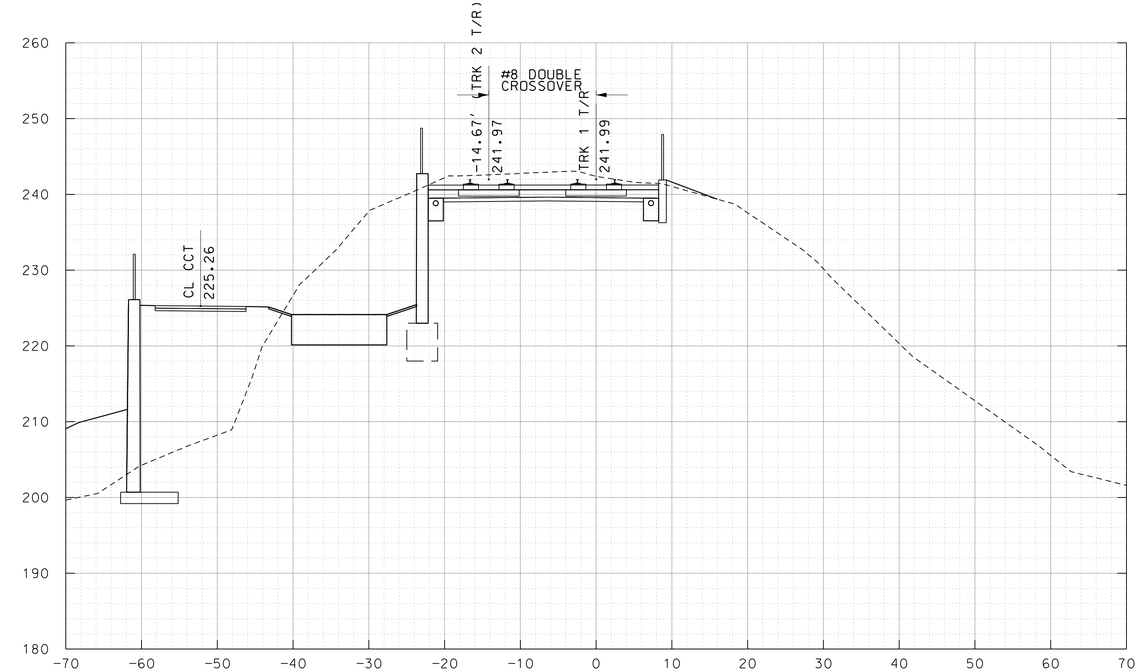

TRK 1 221+00

10' 0 10' 20'

SCALE: 1"=10'

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MARYLAND TRANSIT ADMINISTRATION MTA Maryland

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 220+50 TO STA TRK 1 221+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-063

SHEET NO. 72 OF 736

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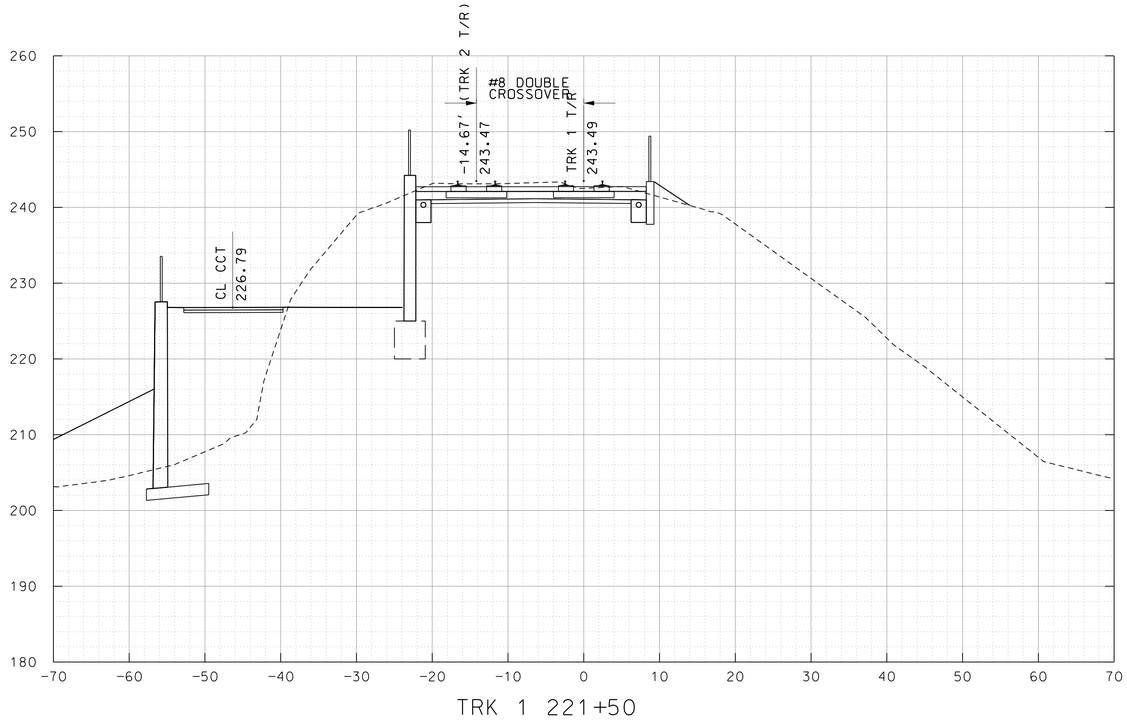
12/11/2013



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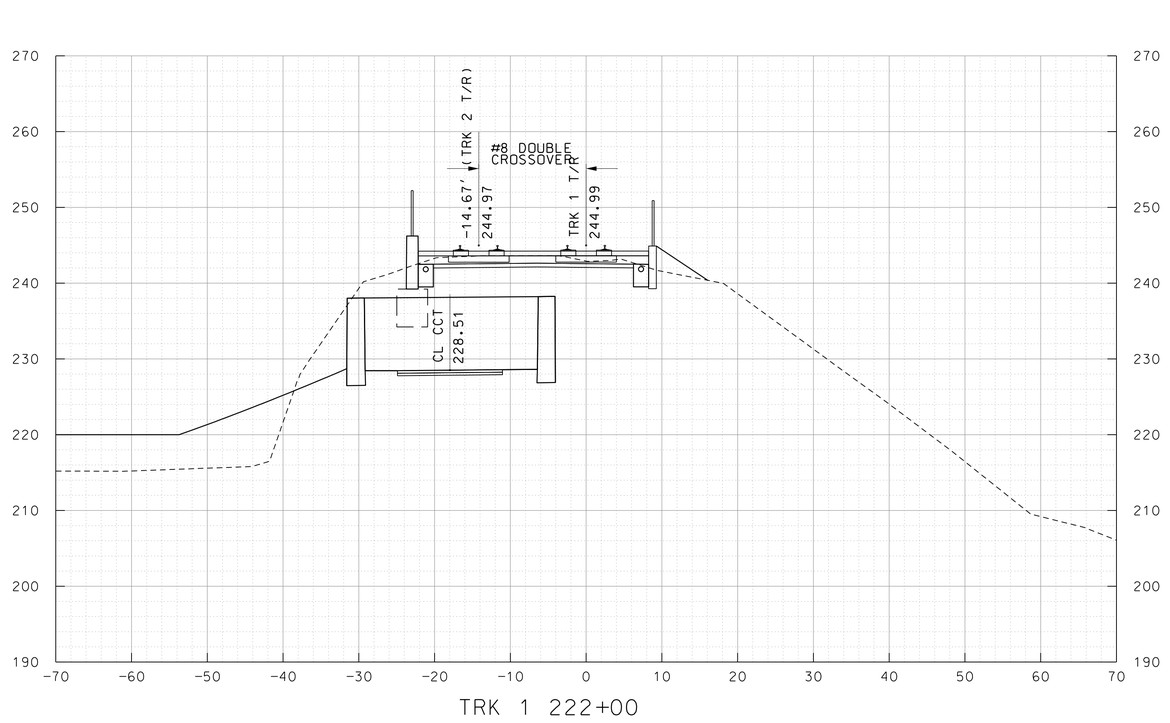

TRK 1 222+00

10' 0 10' 20'

SCALE: 1"=10'

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DESGN

DRAWN

CHECK

APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 221+50 TO STA TRK 1 222+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-064

SHEET NO. 73 OF 736

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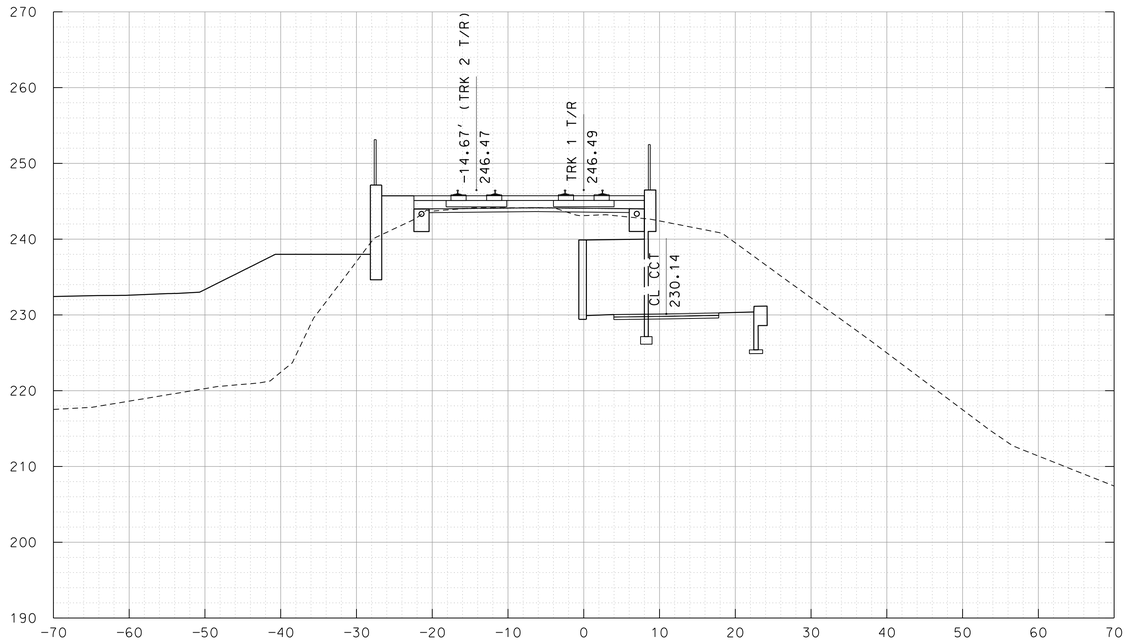
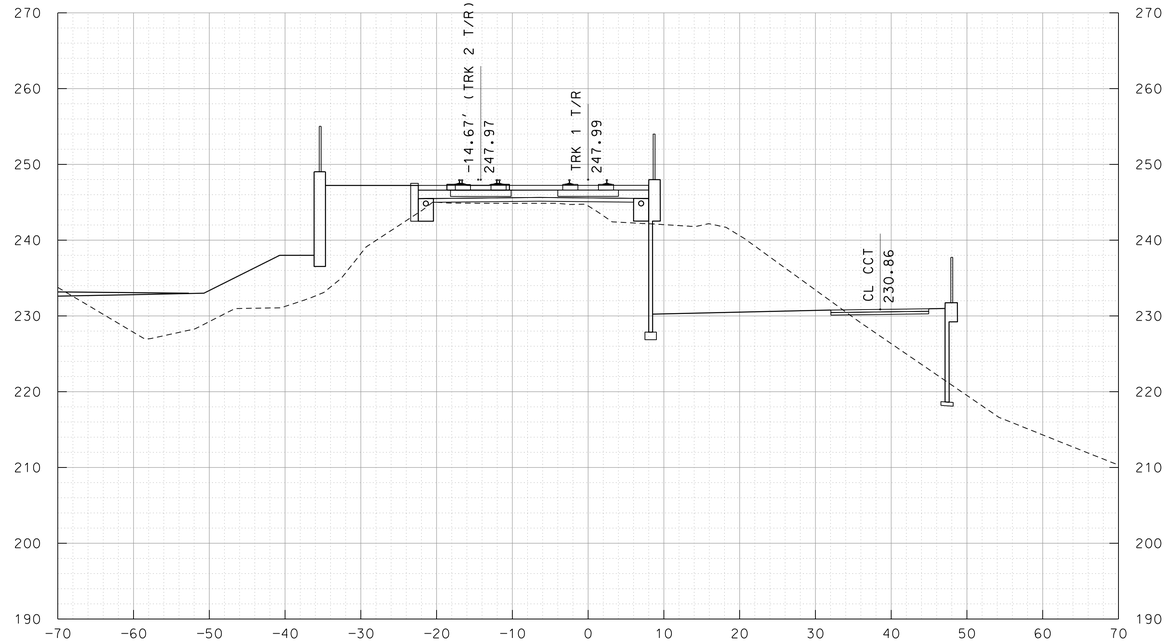
12/11/2013



TRK 1 222+50



TRK 1 223+00

10' 0 10' 20'

SCALE: 1"=10'

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 222+50 TO STA TRK 1 223+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-065

SHEET NO. 74 OF 736

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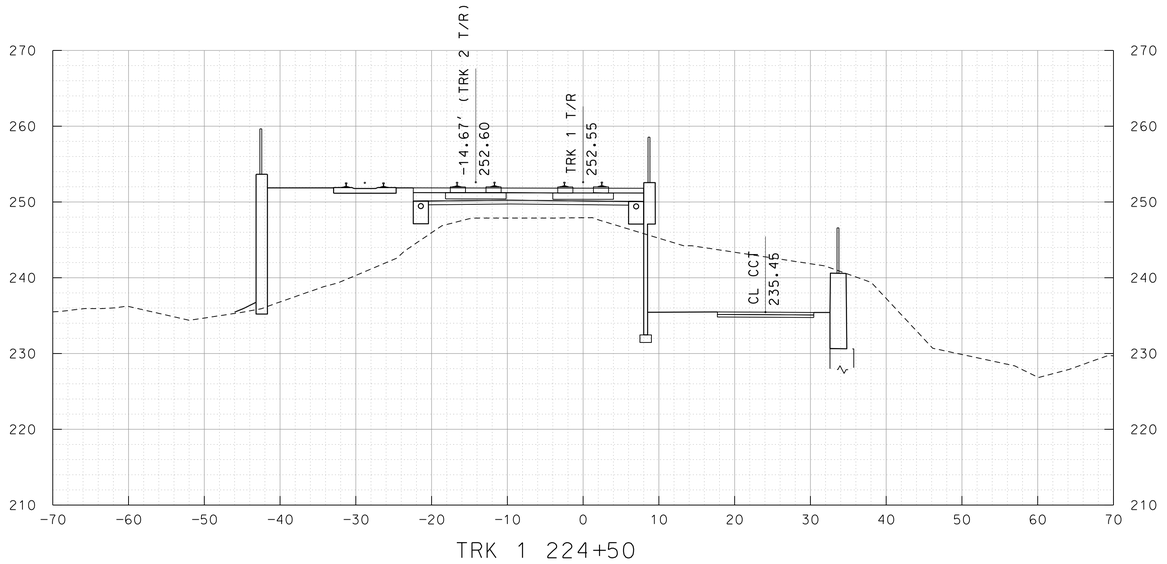
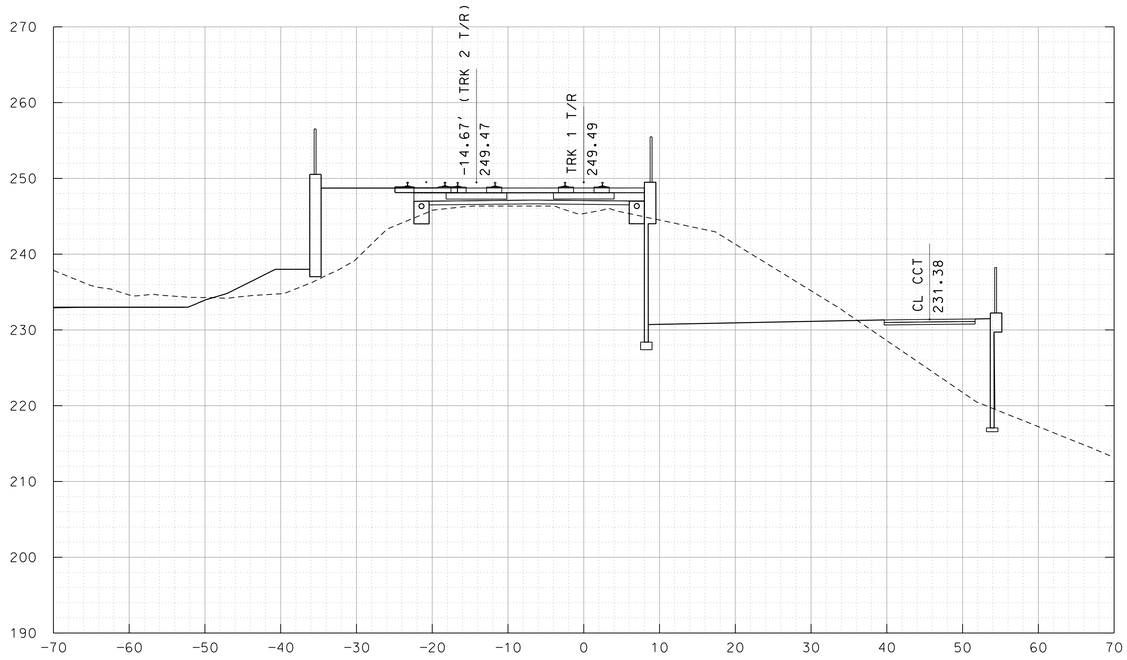
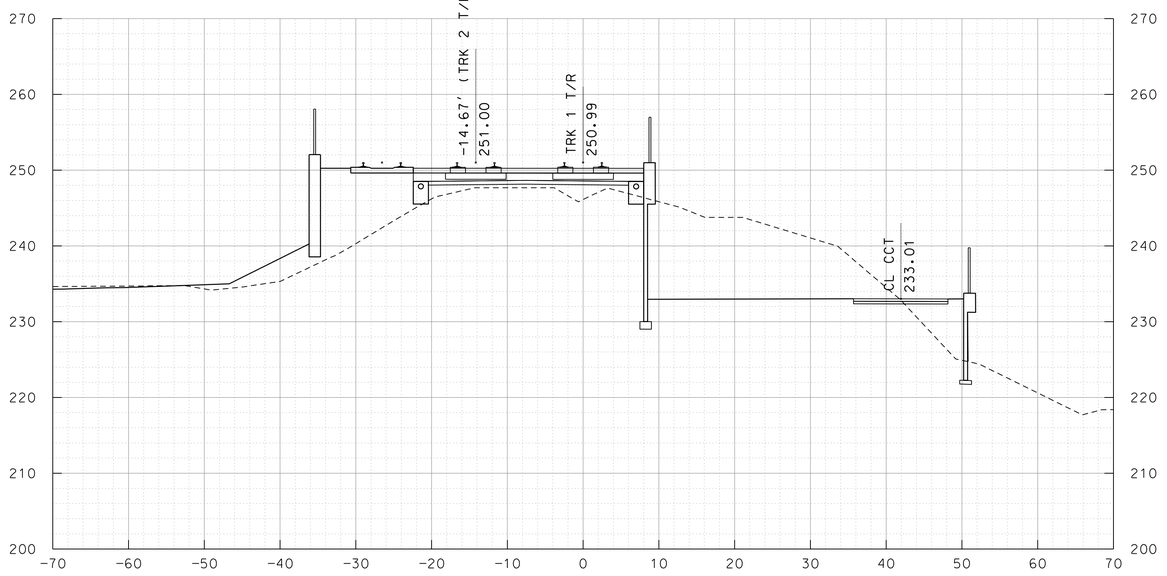
12/11/2013



TRK 1 224+50



TRK 1 223+50



TRK 1 224+00

10' 0 10' 20'
SCALE: 1"=10'

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 223+50 TO STA TRK 1 224+50
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-066
SHEET NO. 75 OF 736

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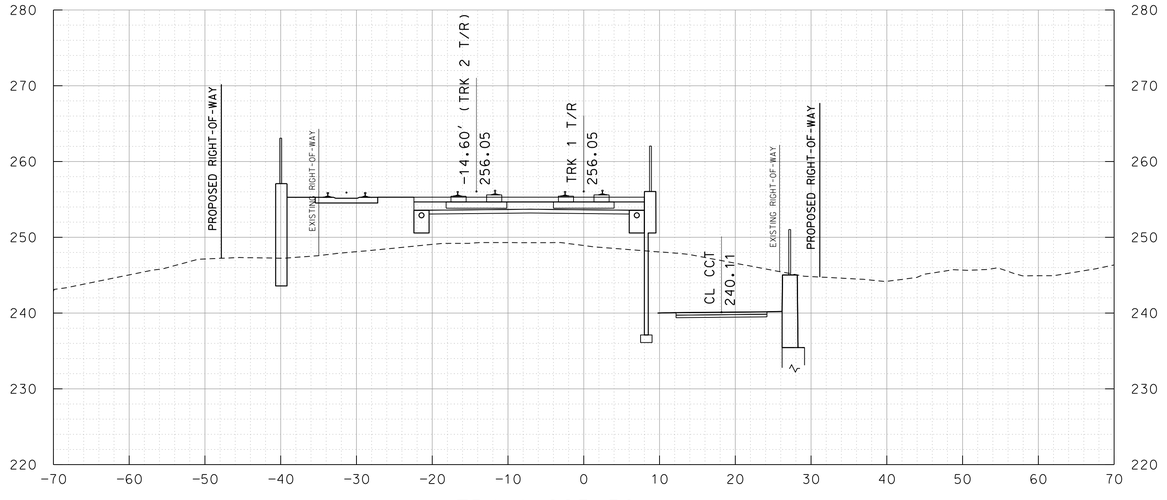
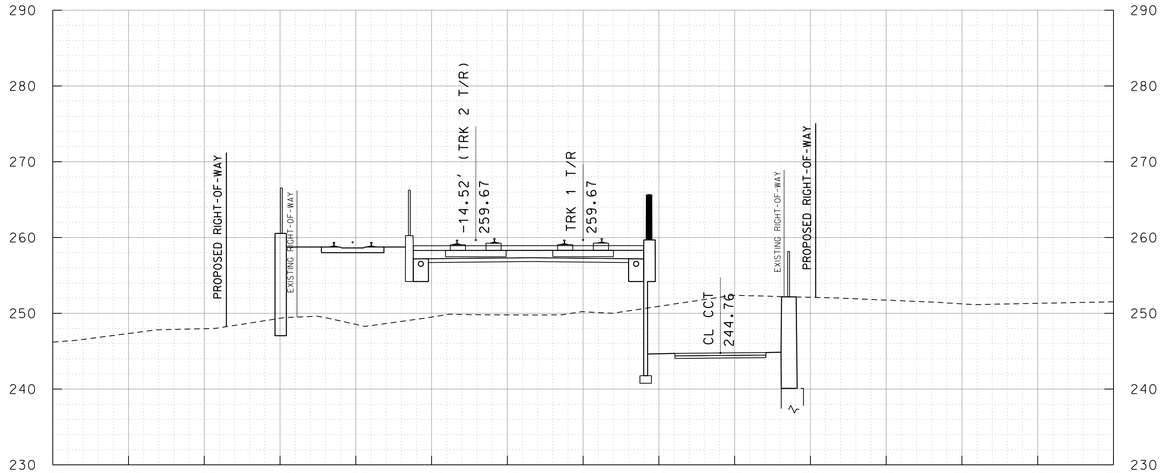
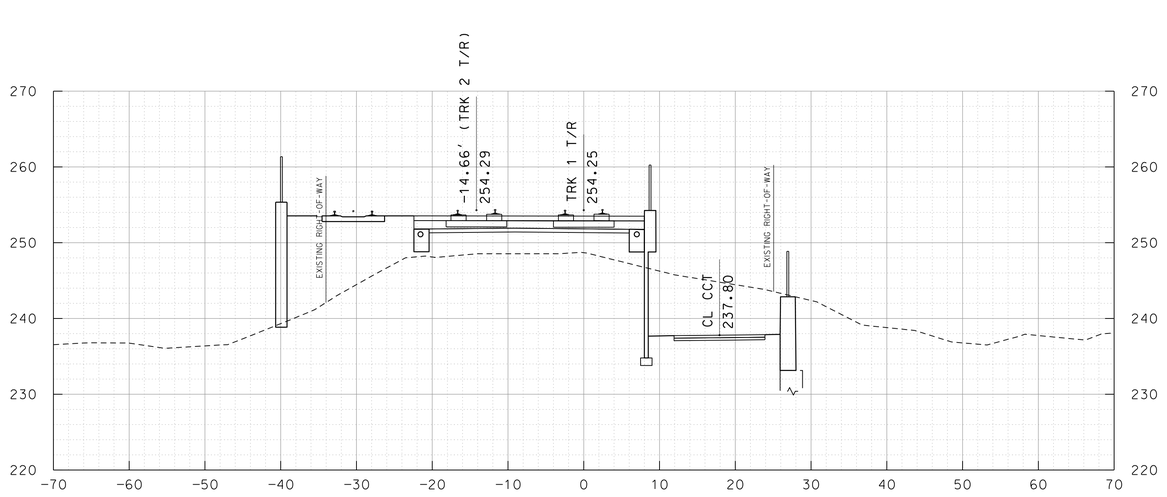
12/11/2013



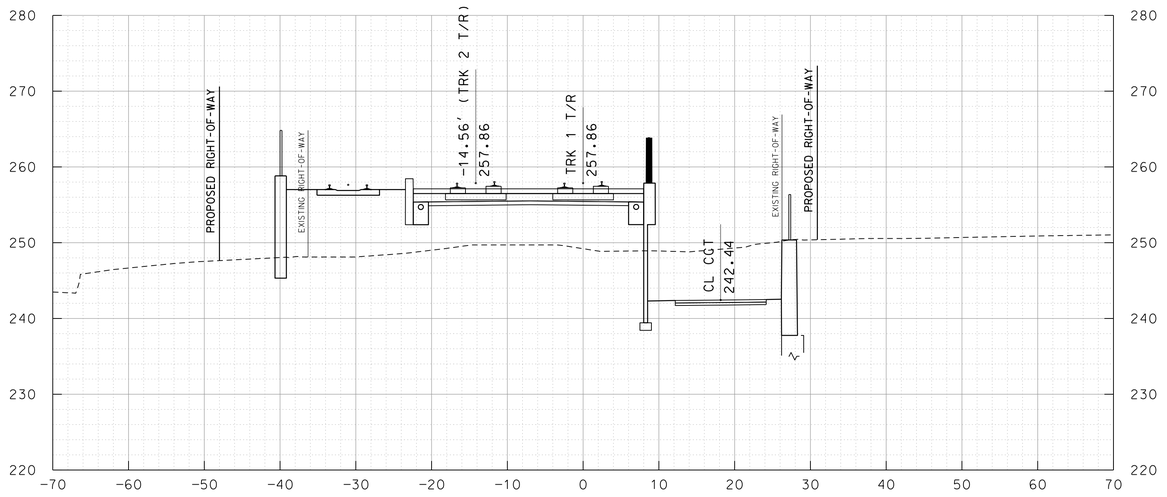
TRK 1 225+50



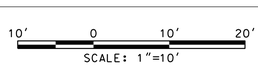
TRK 1 226+50



TRK 1 225+00



TRK 1 226+00



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License No. ____ Expiration Date ____

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 225+00 TO STA TRK 1 226+50

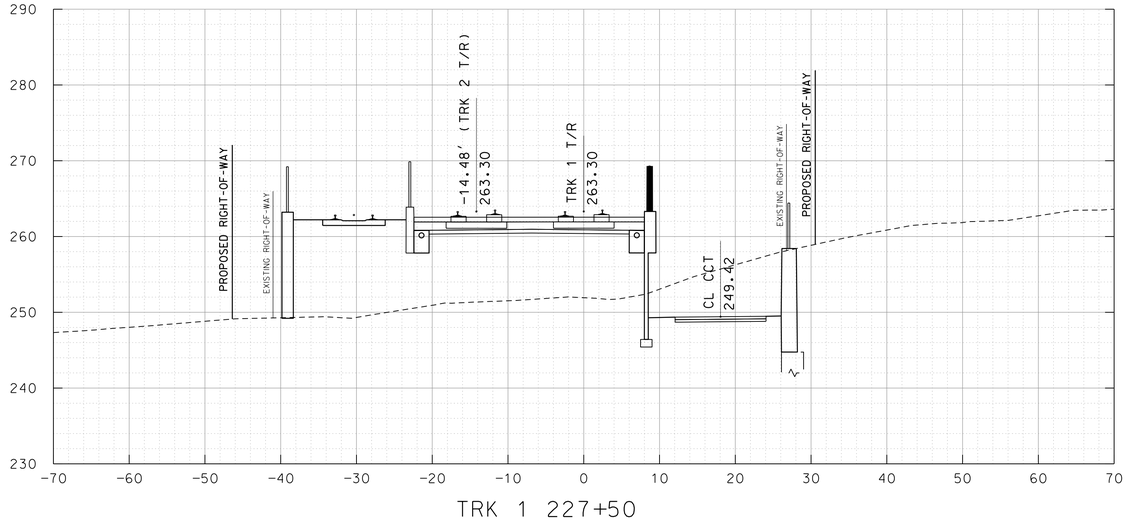
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

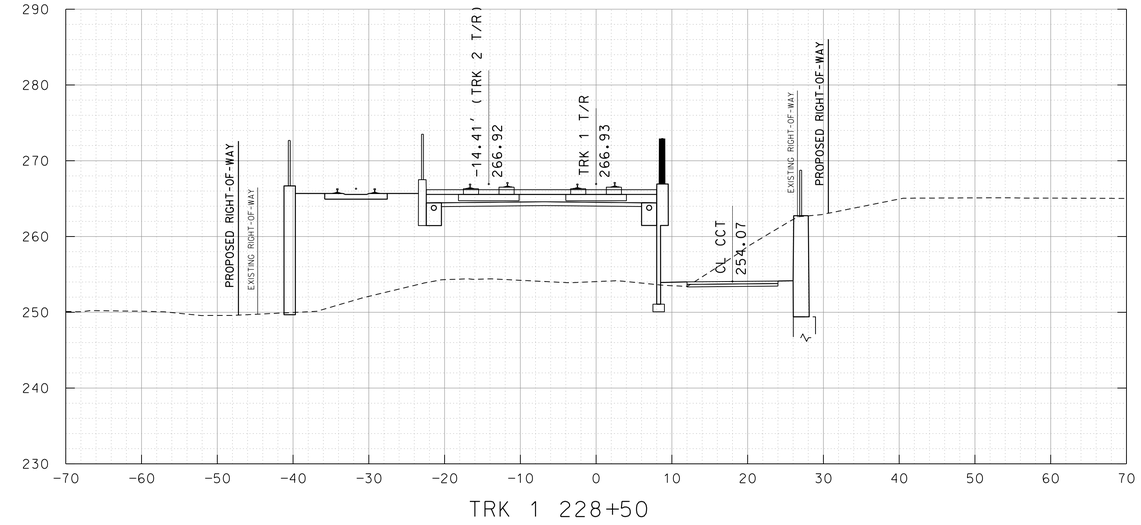
DRAWING NO. XS-067

SHEET NO. 76 OF 736

c:\pwworking\mtapw\wra-daniel beaver\d0103936\1042pXS1101.dgn
12/11/2013



TRK 1 227+50



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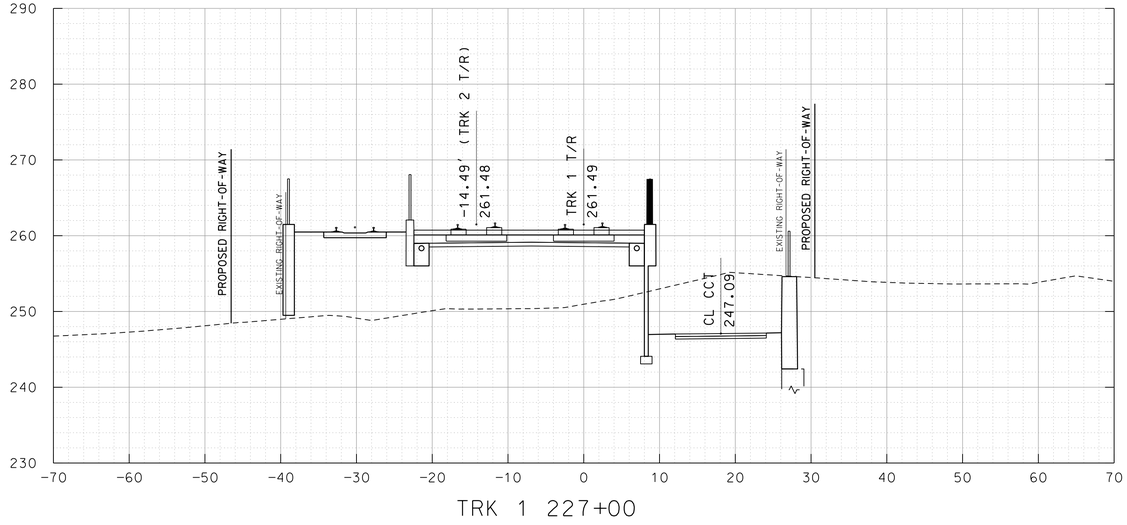

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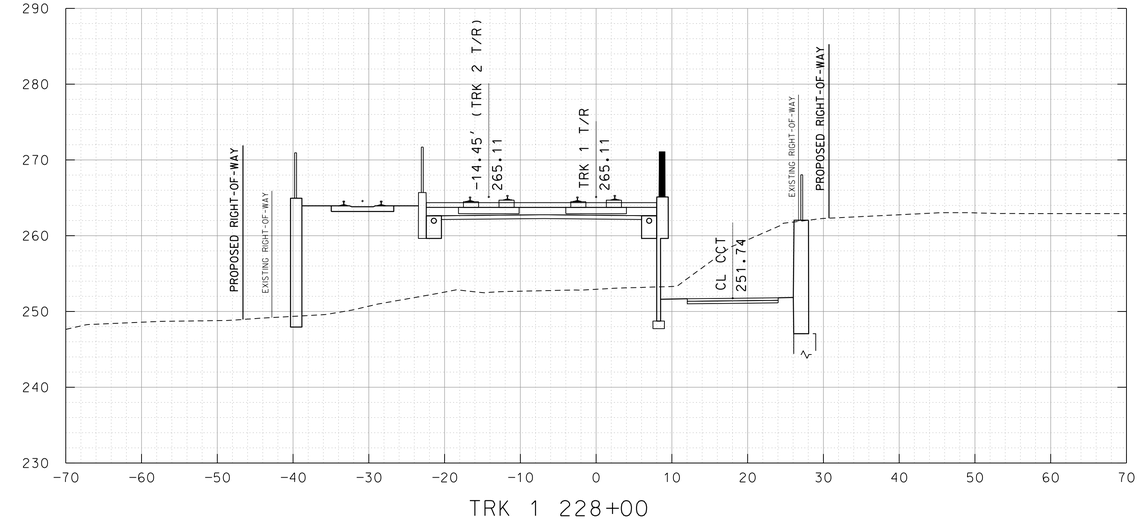

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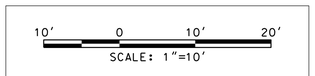

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 227+00 TO STA TRK 1 228+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-068

SHEET NO. 77 OF 736

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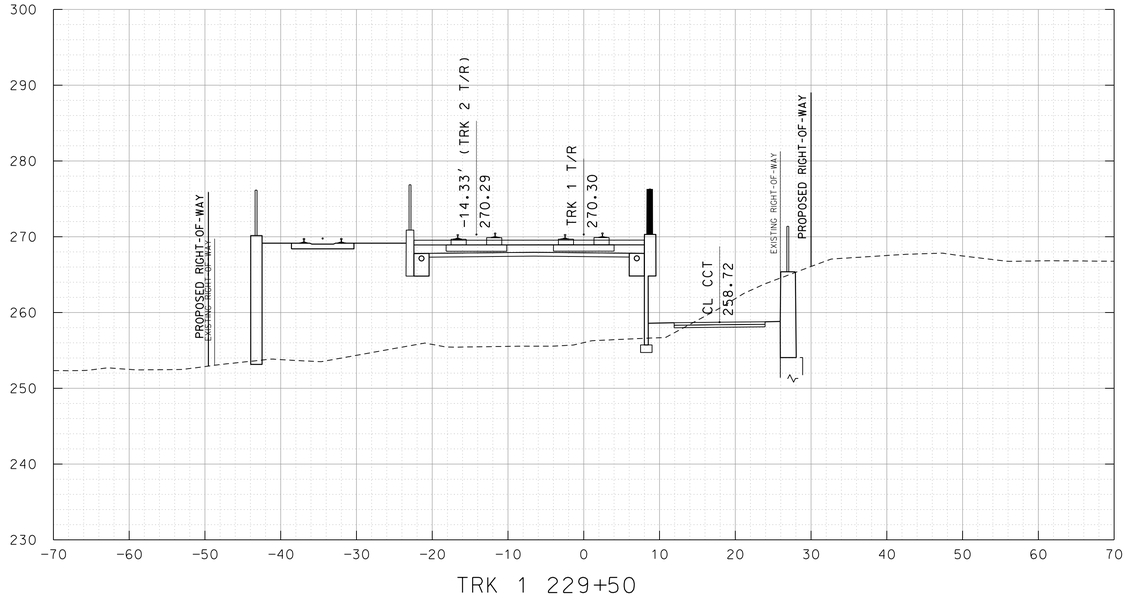
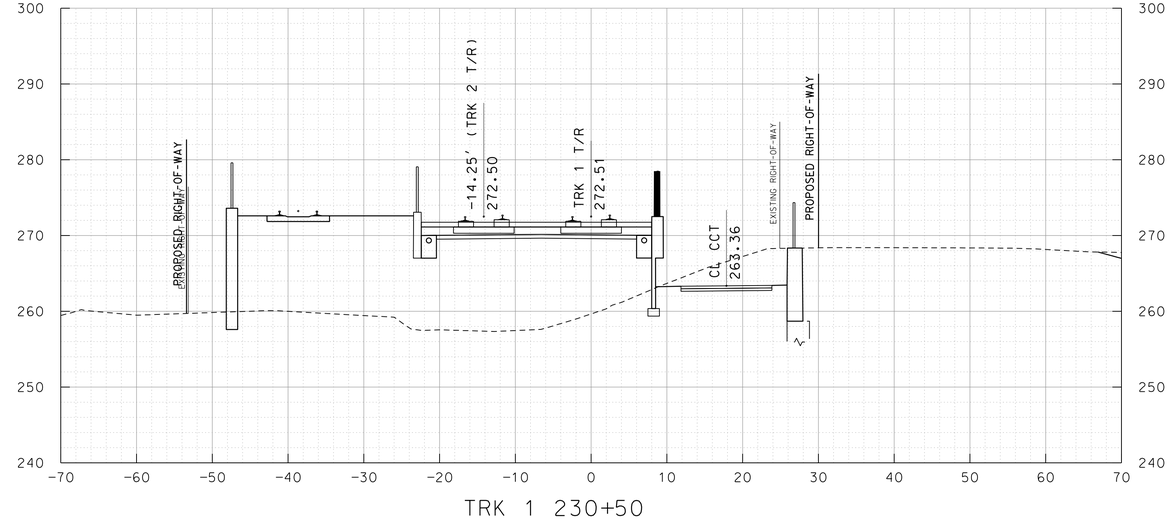
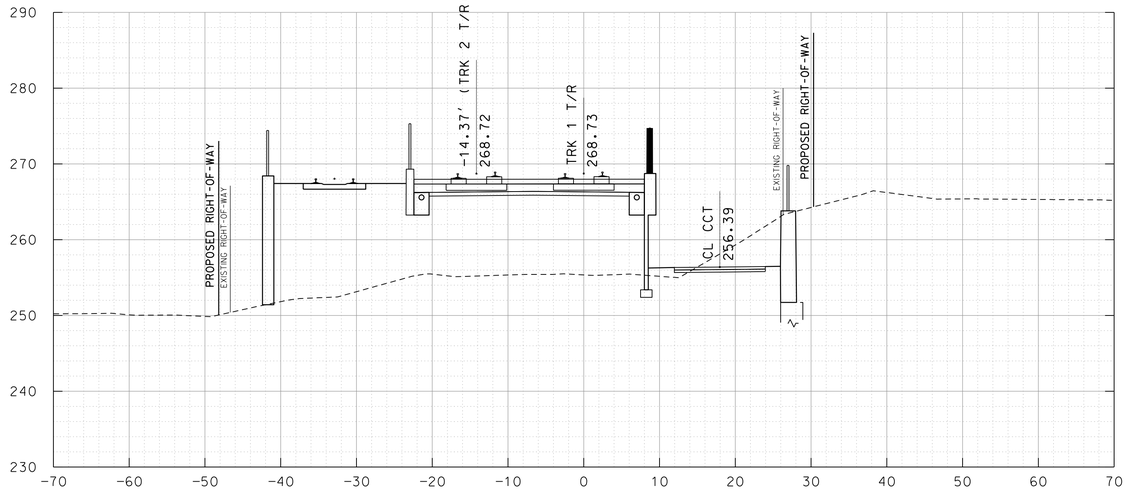
12/11/2013



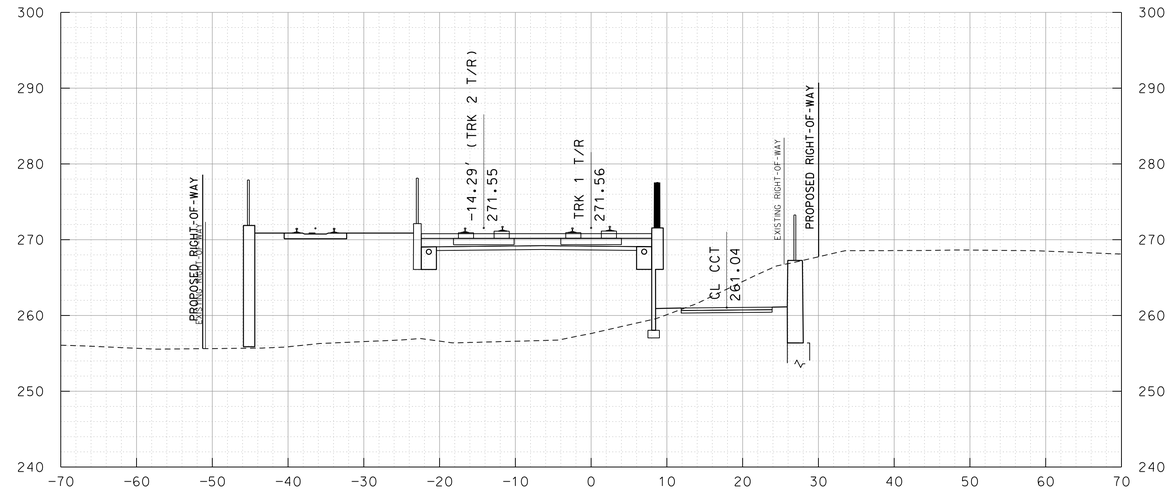
TRK 1 229+50



TRK 1 230+50



TRK 1 229+00



TRK 1 230+00

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 229+00 TO STA TRK 1 230+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-069
SHEET NO. 78 OF 736

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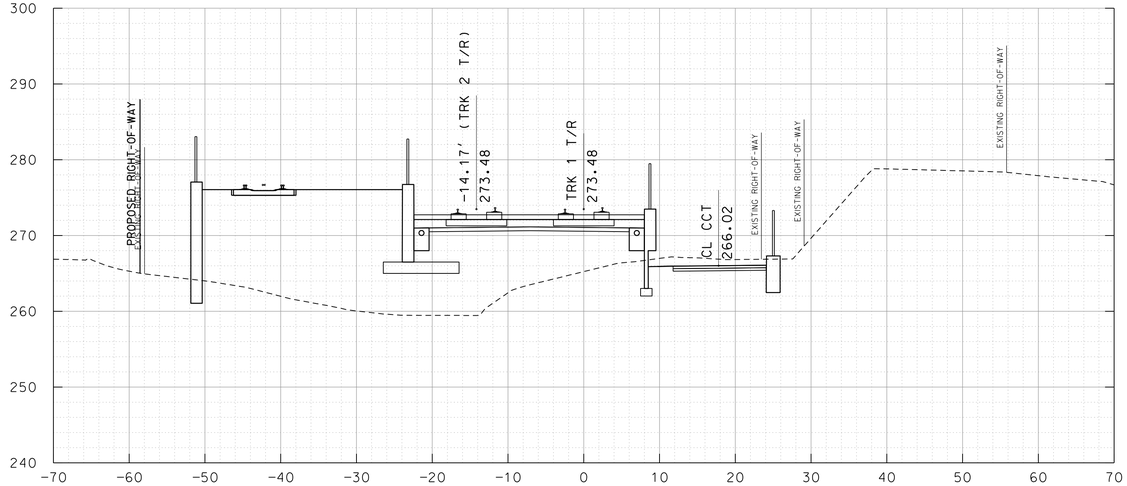
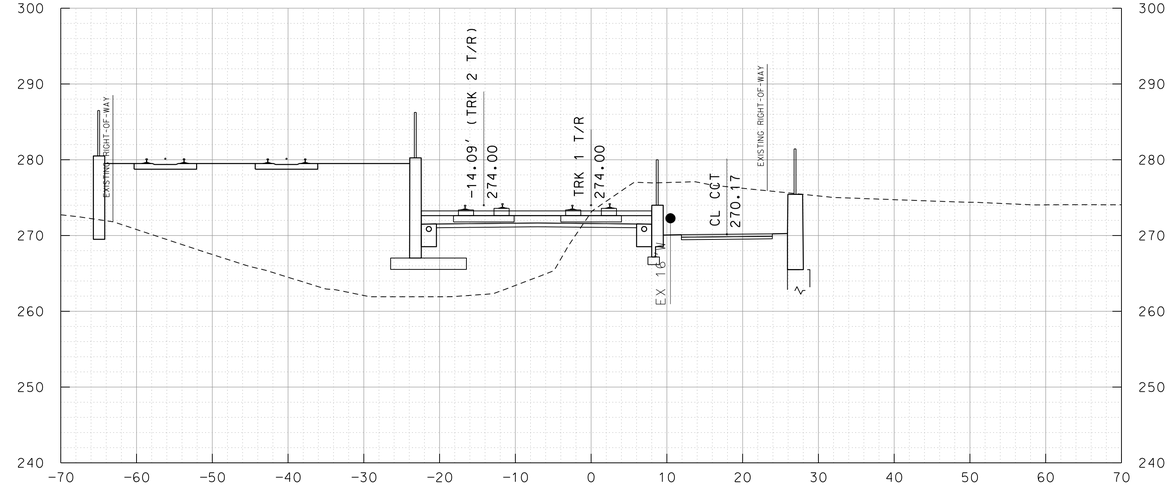
12/11/2013



TRK 1 231+50



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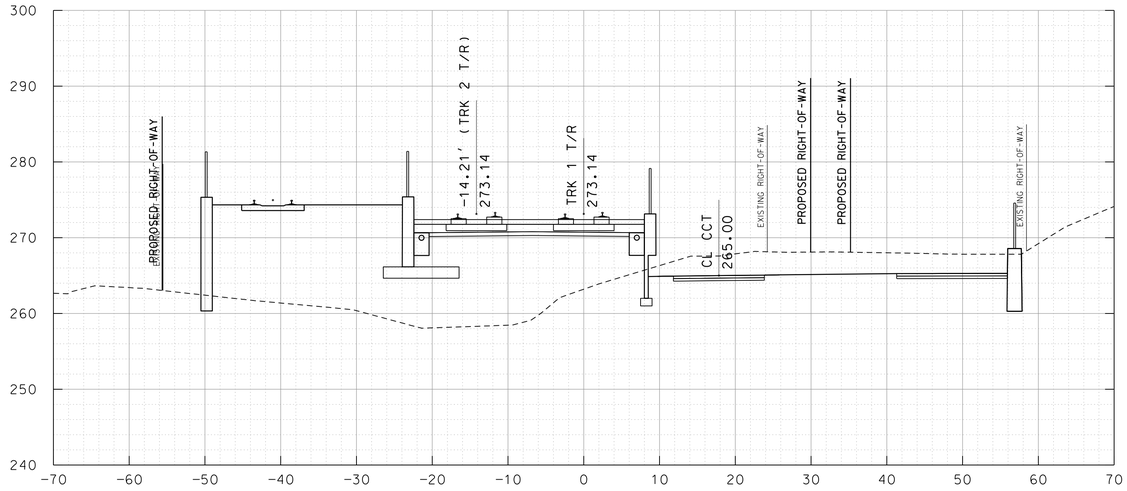
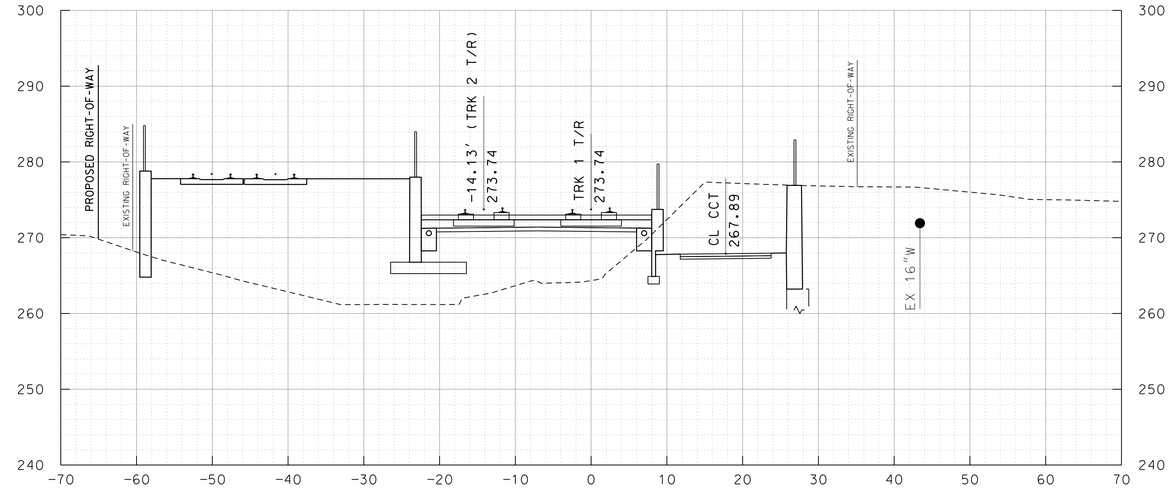


TRK 1 231+00



TRK 1 232+00

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 231+00 TO STA TRK 1 232+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO.
T-1042-0220
DRAWING NO.
XS-070
SHEET NO.
79 OF 736

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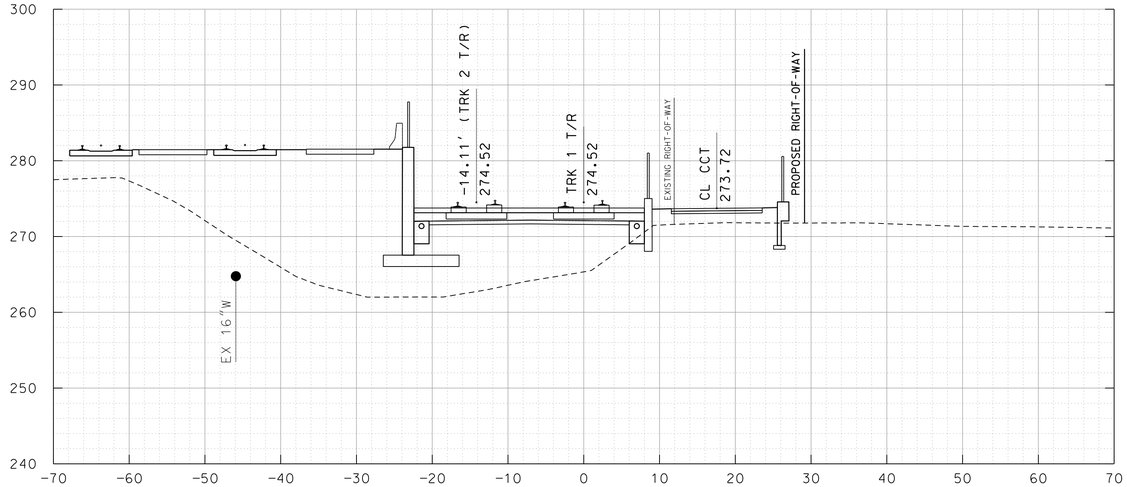
12/11/2013



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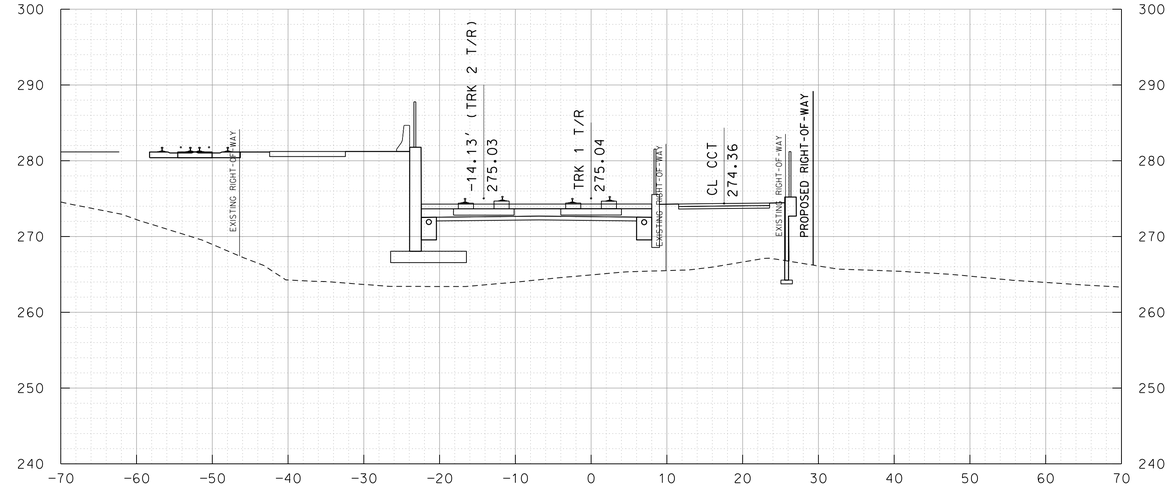

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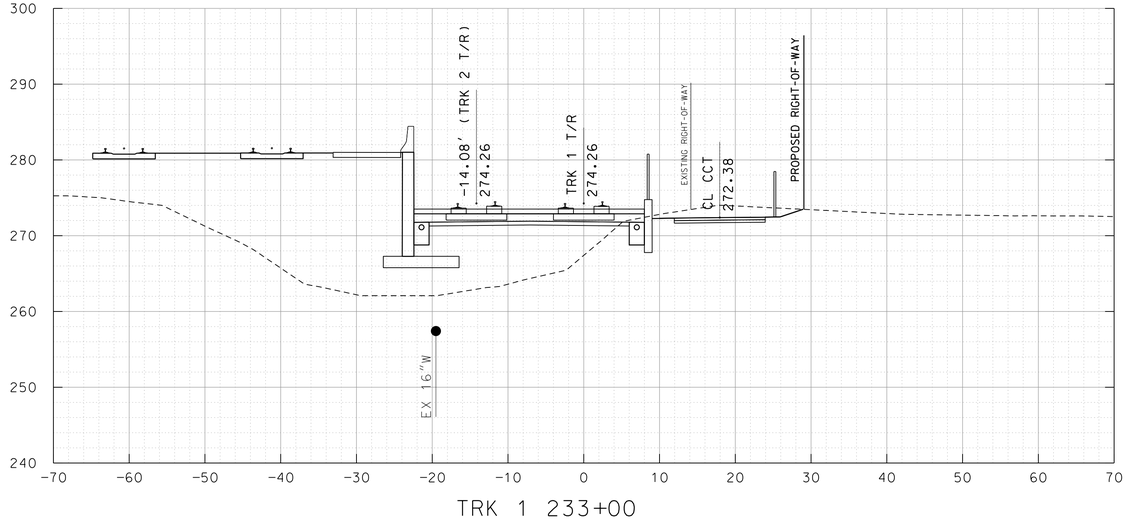
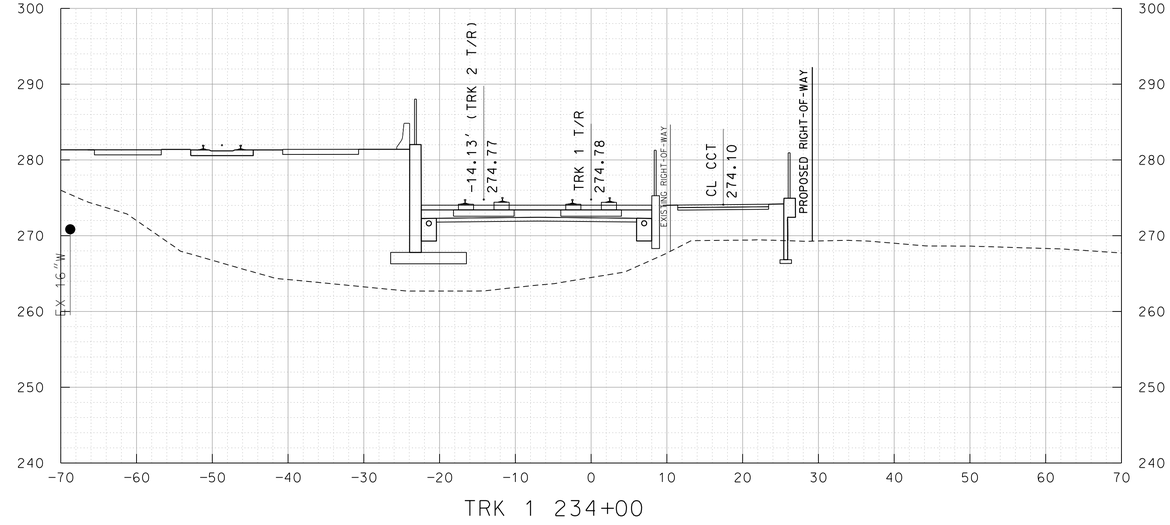


TRK 1 233+00



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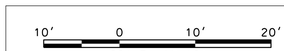

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming

WR&A

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 233+00 TO STA TRK 1 234+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-071

SHEET NO. 80 OF 736

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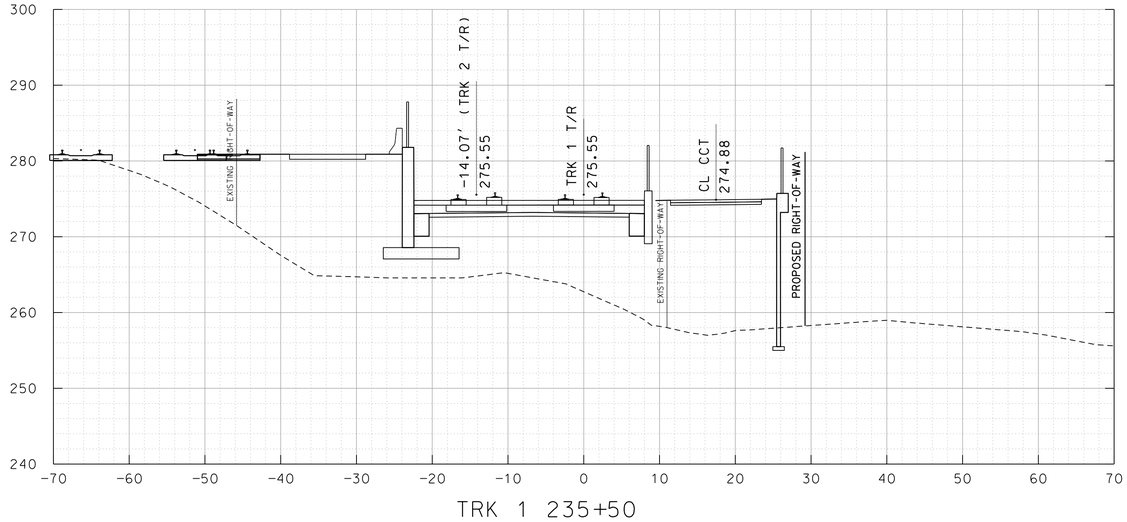
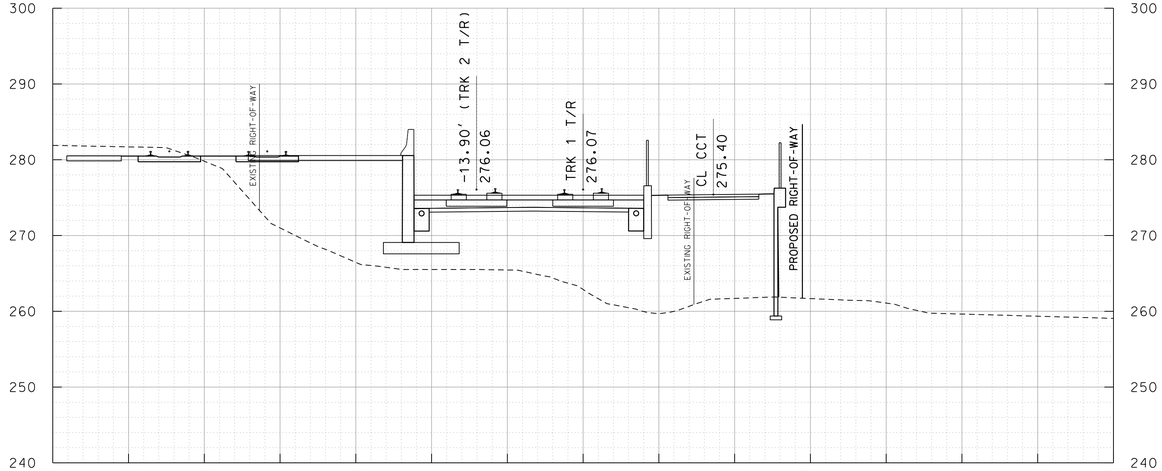
12/11/2013



TRK 1 235+50



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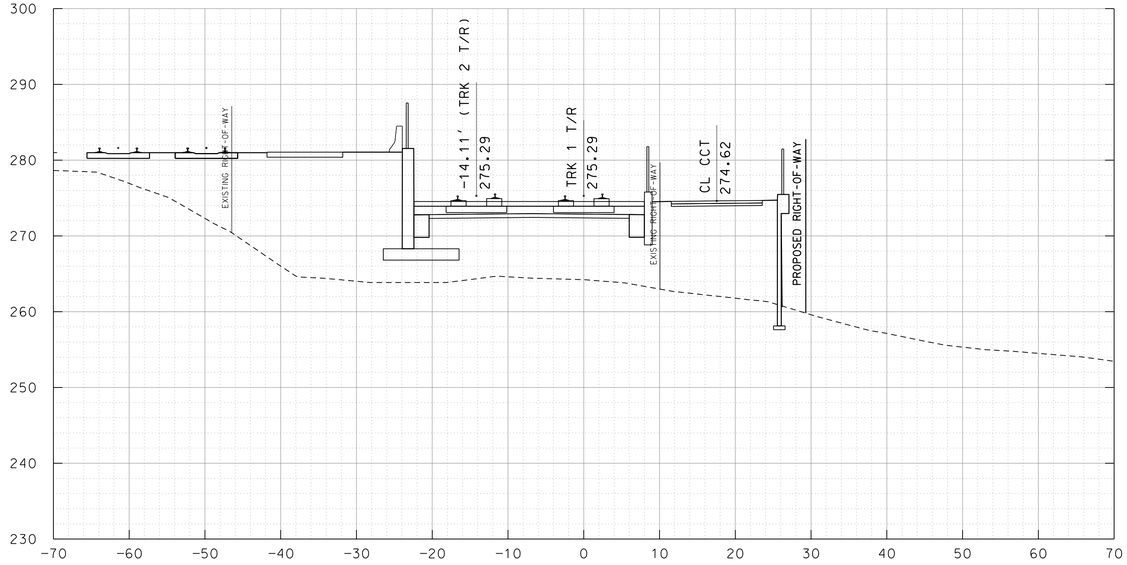

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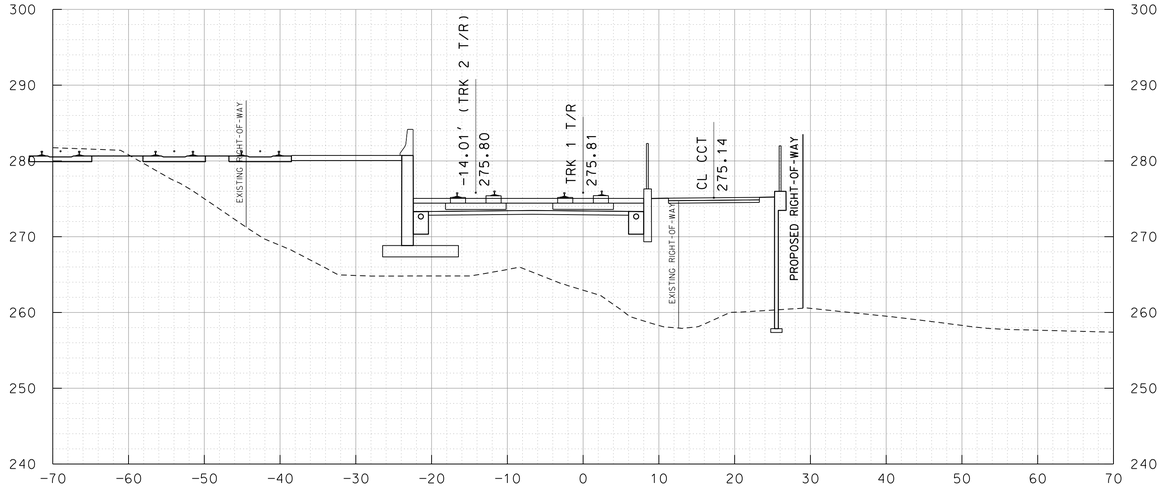

TRK 1 236+00

10' 0 10' 20'
SCALE: 1"=10'

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MTA Maryland

Gannett Fleming
WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 235+00 TO STA TRK 1 236+50
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-072
SHEET NO. 81 OF 736

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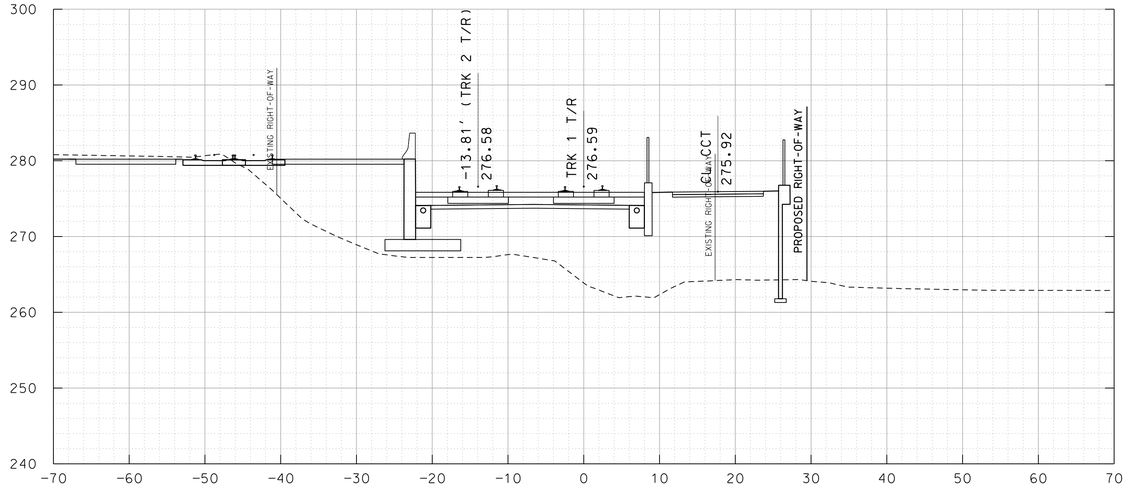
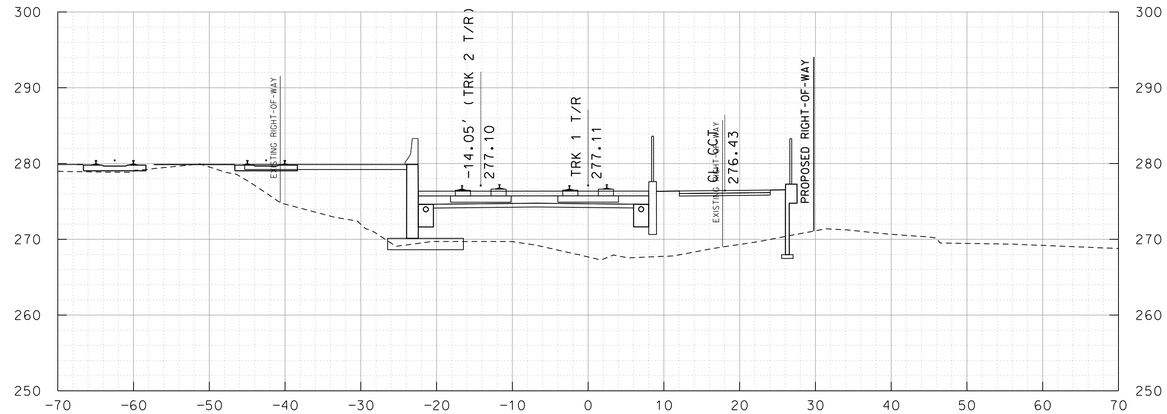
12/11/2013



TRK 1 237+50



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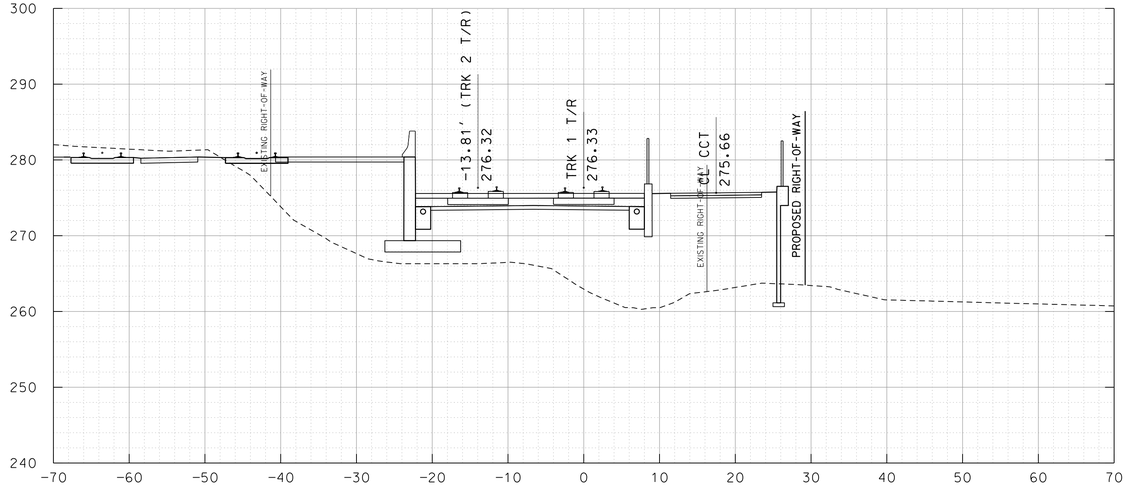
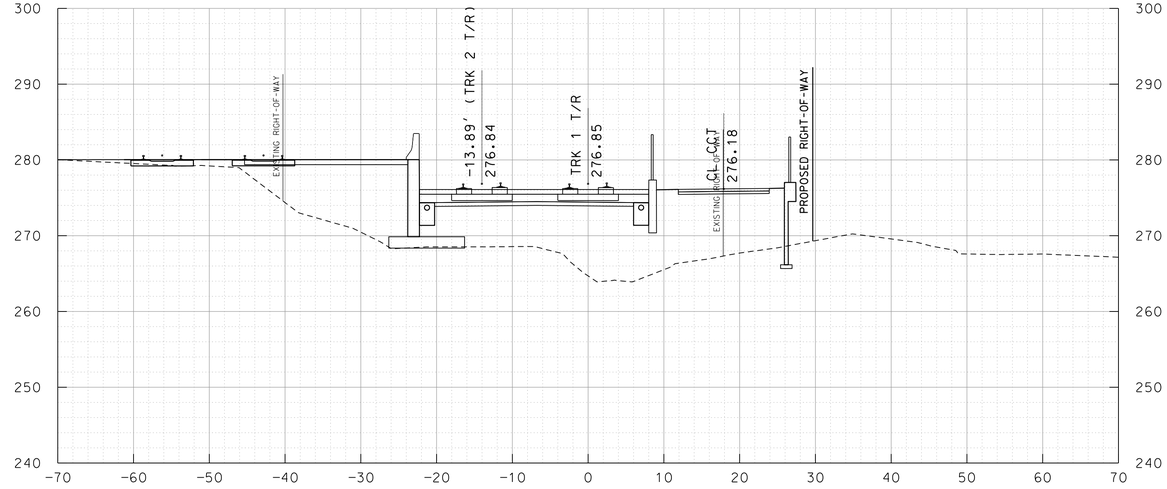


TRK 1 237+00



TRK 1 238+00

10' 0 10' 20'

SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION

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Gannett Fleming — WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 237+00 TO STA TRK 1 238+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-073
SHEET NO. 82 OF 736

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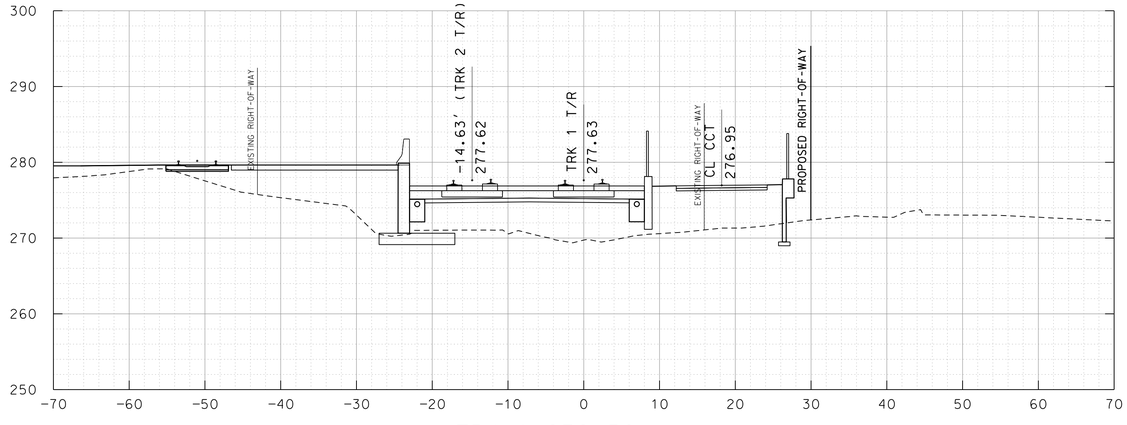
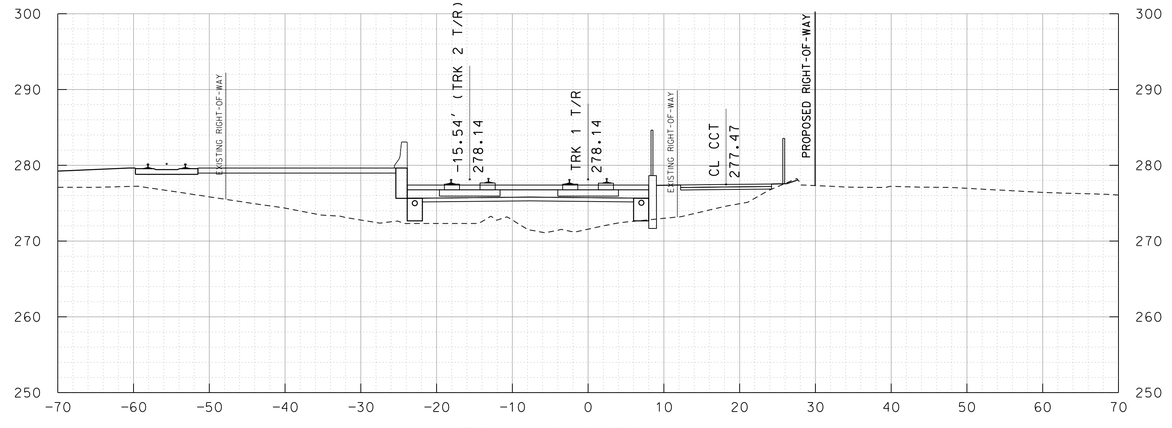
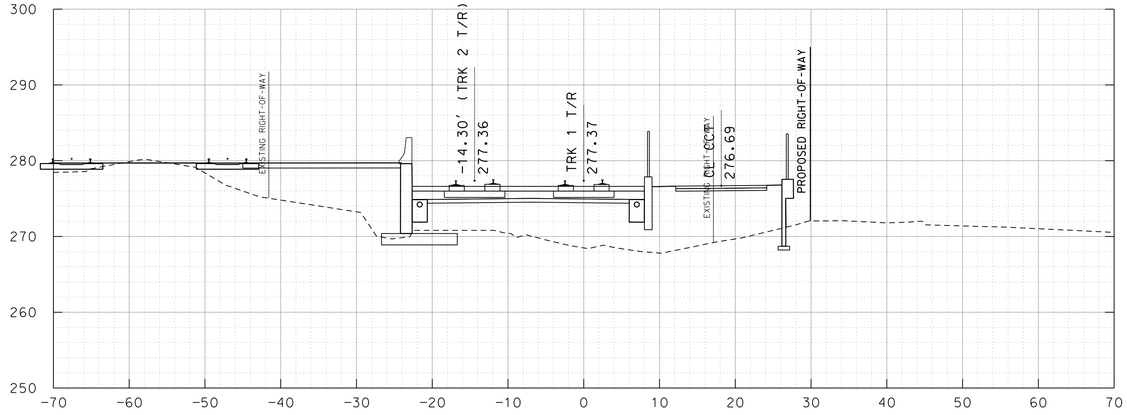
12/11/2013



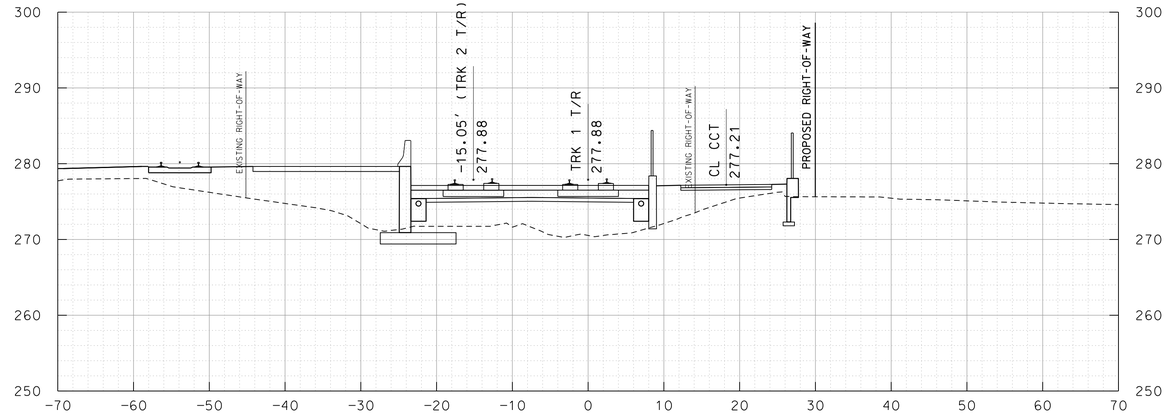
TRK 1 239+50



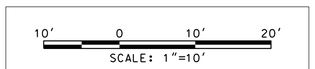
TRK 1 240+50



TRK 1 239+00



TRK 1 240+00



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 239+00 TO STA TRK 1 240+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-074
SHEET NO. 83 OF 736

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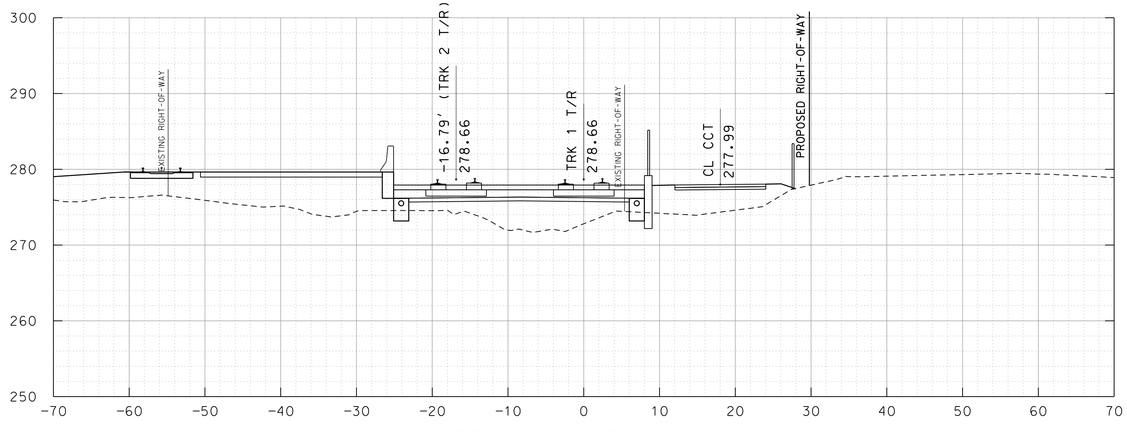
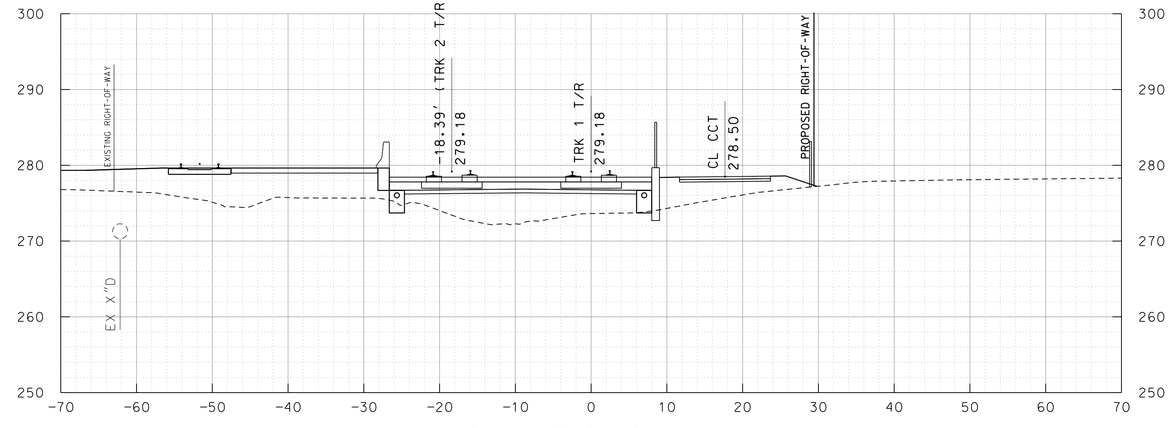
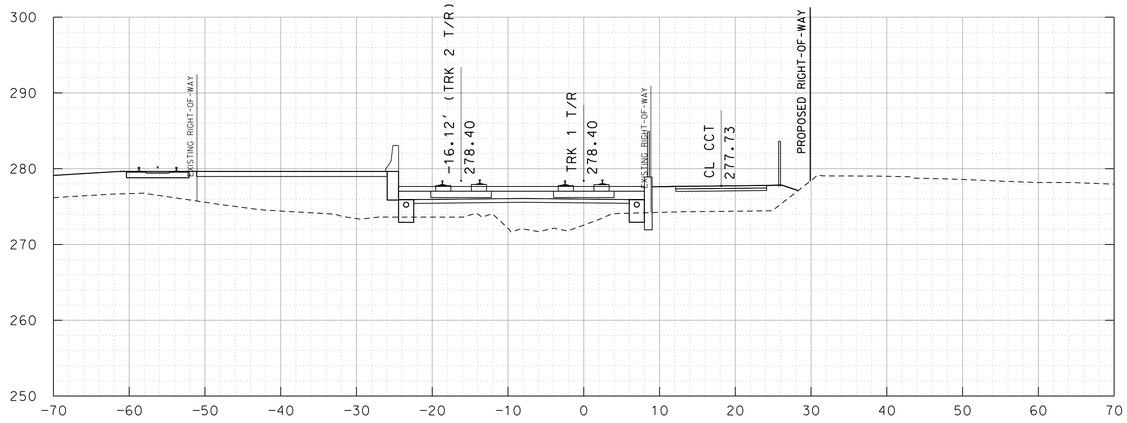
12/11/2013



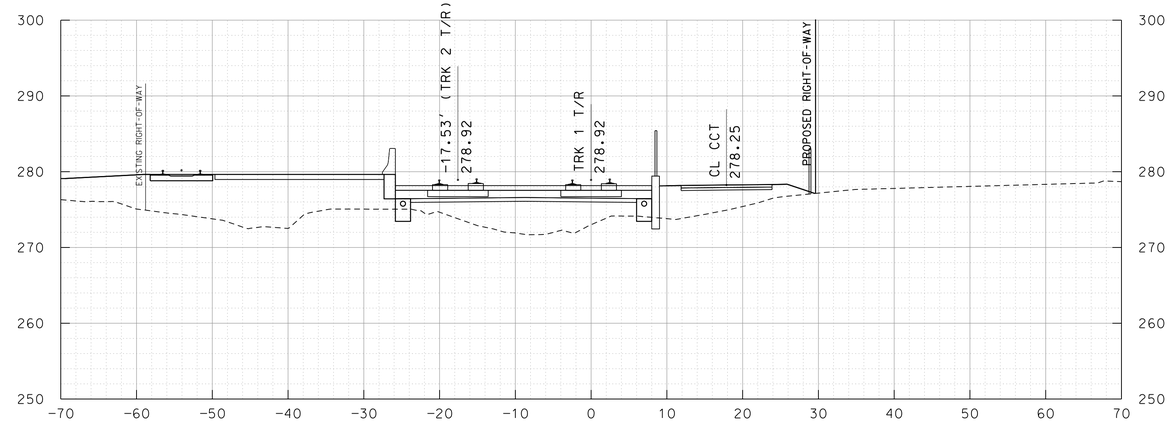
TRK 1 241+50



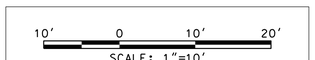
TRK 1 242+50



TRK 1 241+00



TRK 1 242+00



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 241+00 TO STA TRK 1 242+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-075
SHEET NO. 84 OF 736

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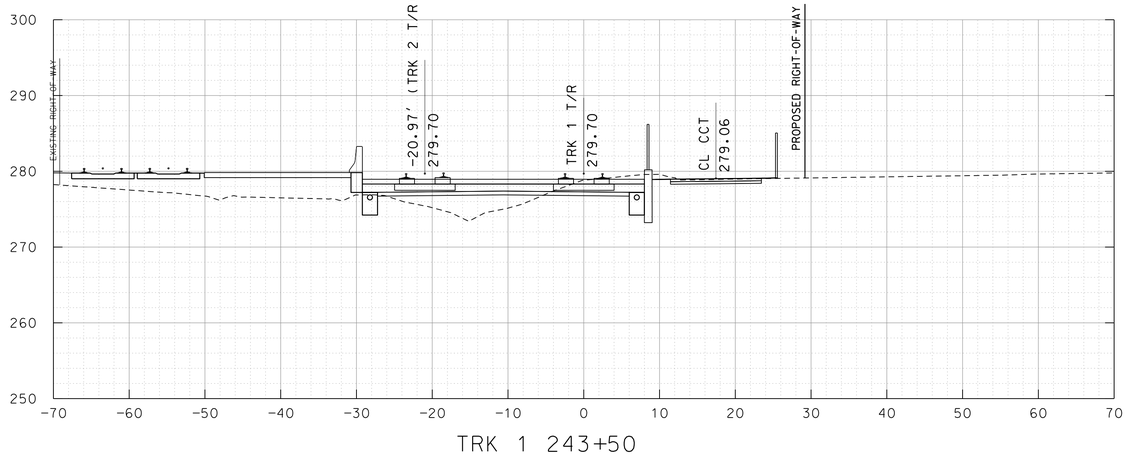
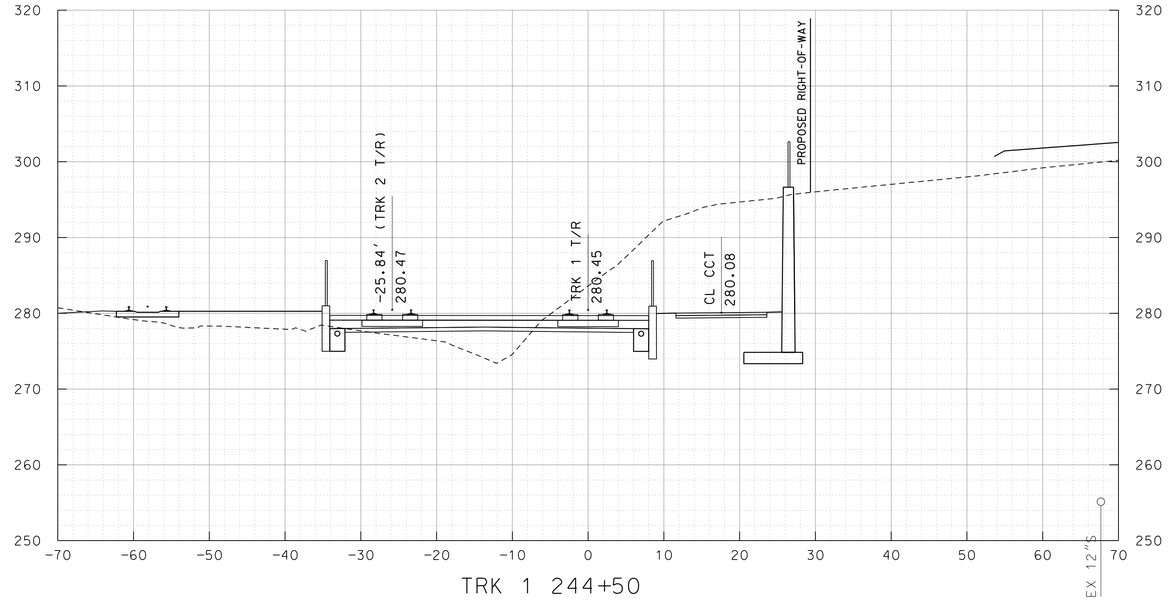
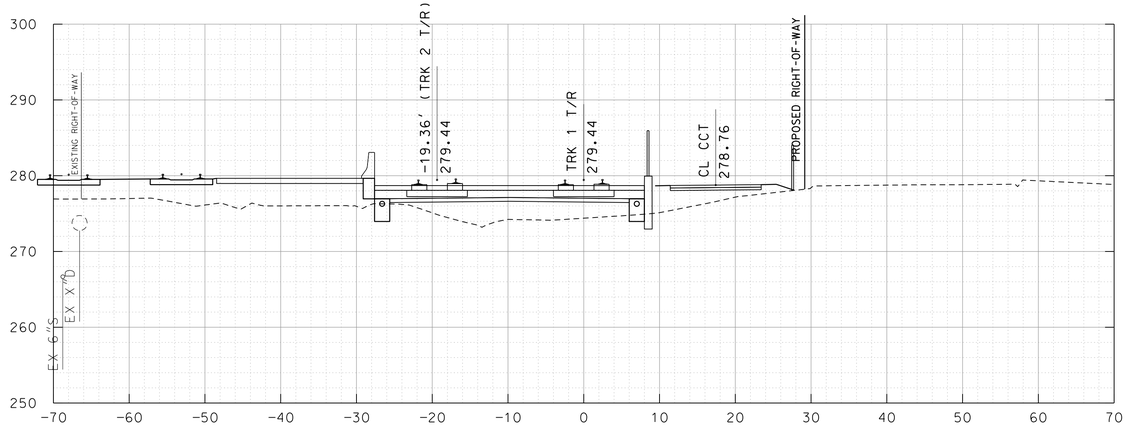
12/11/2013



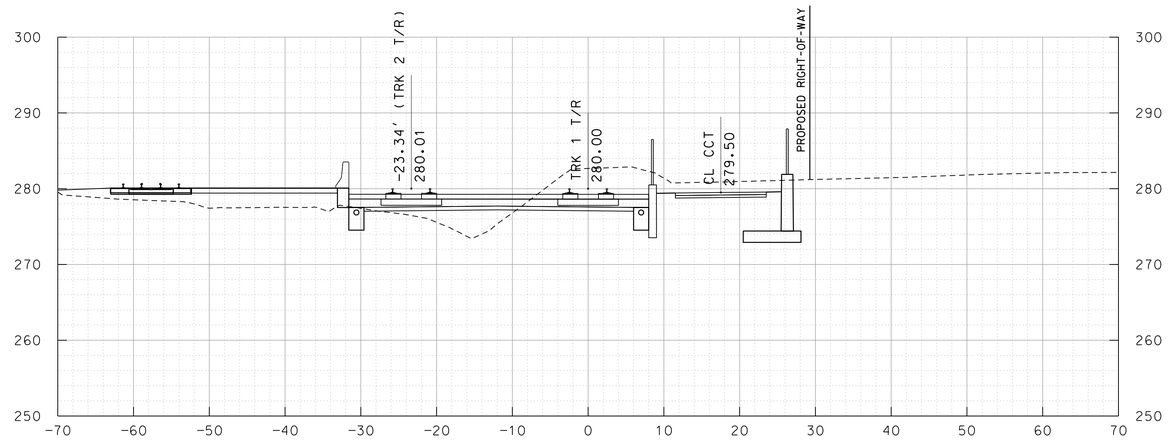
TRK 1 243+50



TRK 1 244+50



TRK 1 243+00



TRK 1 244+00

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

PROFESSIONAL CERTIFICATION

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DESGN
DRAWN
CHECK
APPR

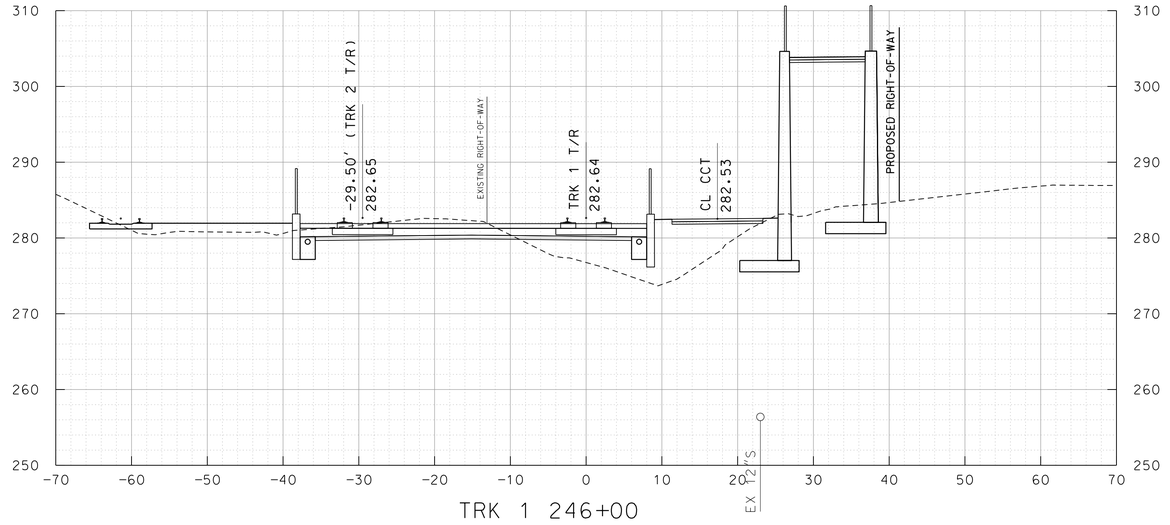
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 243+00 TO STA TRK 1 244+50

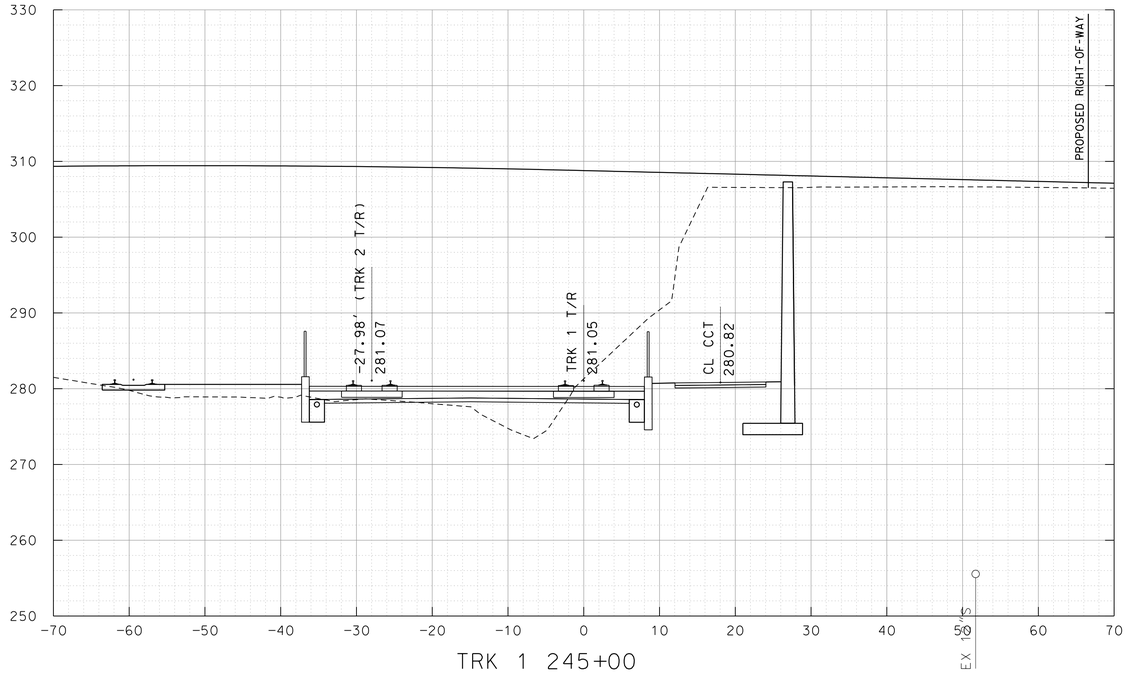
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-076
SHEET NO. 85 OF 736

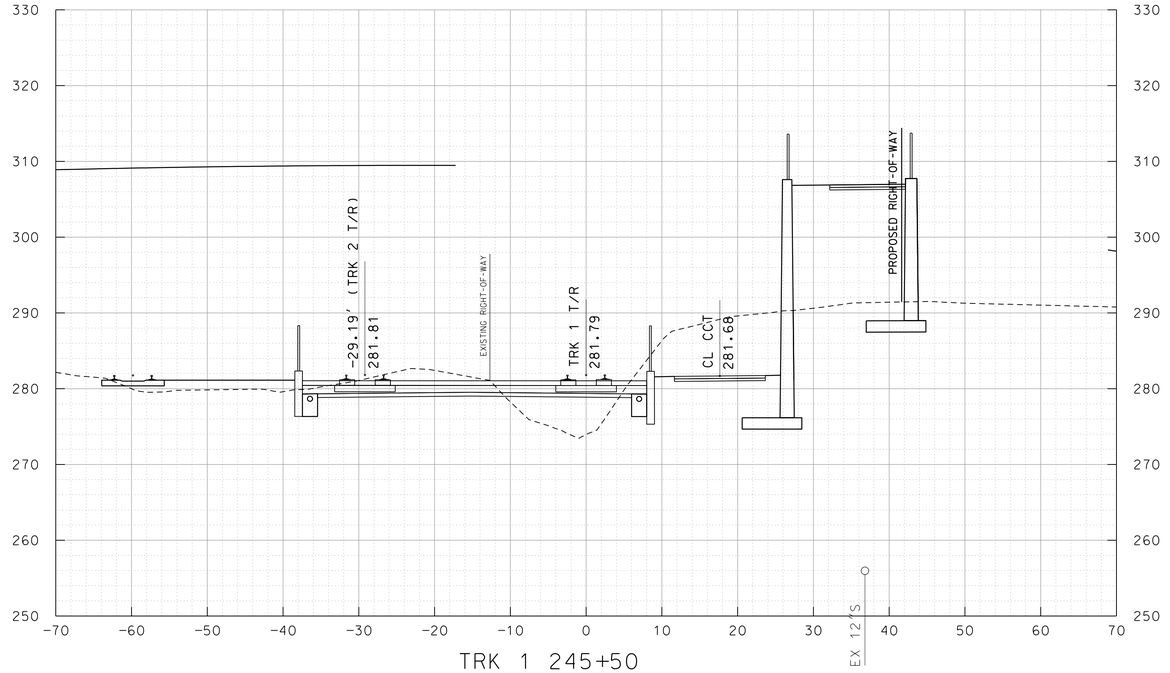
c:\pwworking\mtapw\wra-daniel beaver\d0103936\1042pXS1101.dgn
12/11/2013



TRK 1 246+00



TRK 1 245+00



TRK 1 245+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 245+00 TO STA TRK 1 246+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-077
SHEET NO. 86 OF 736

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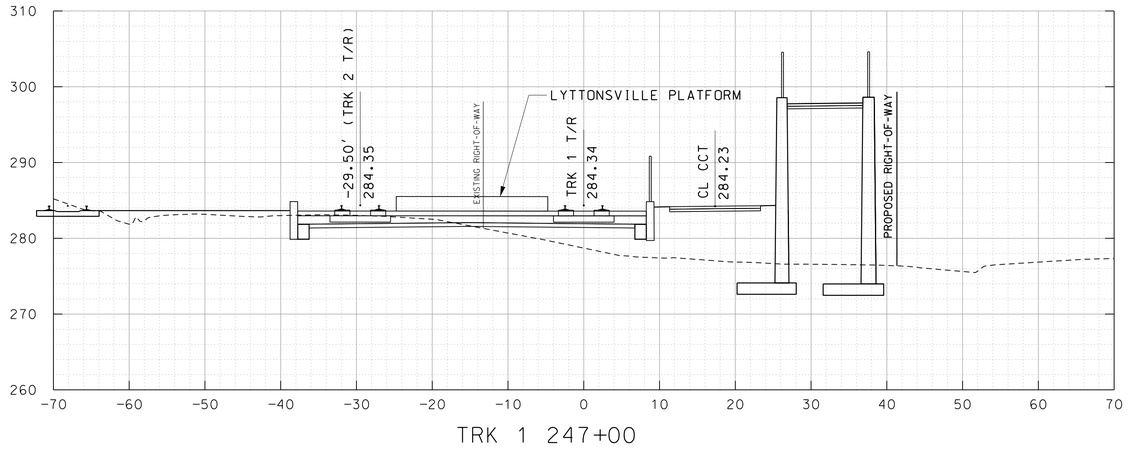
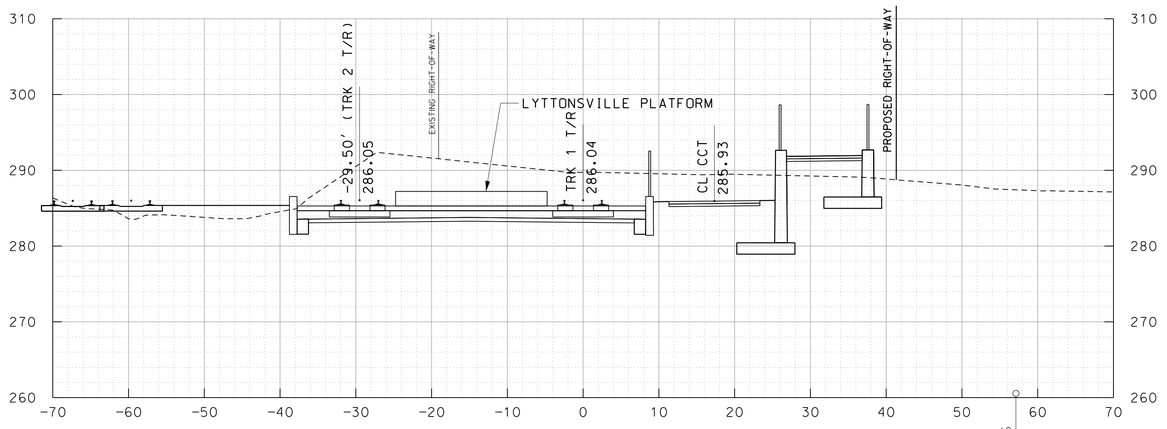
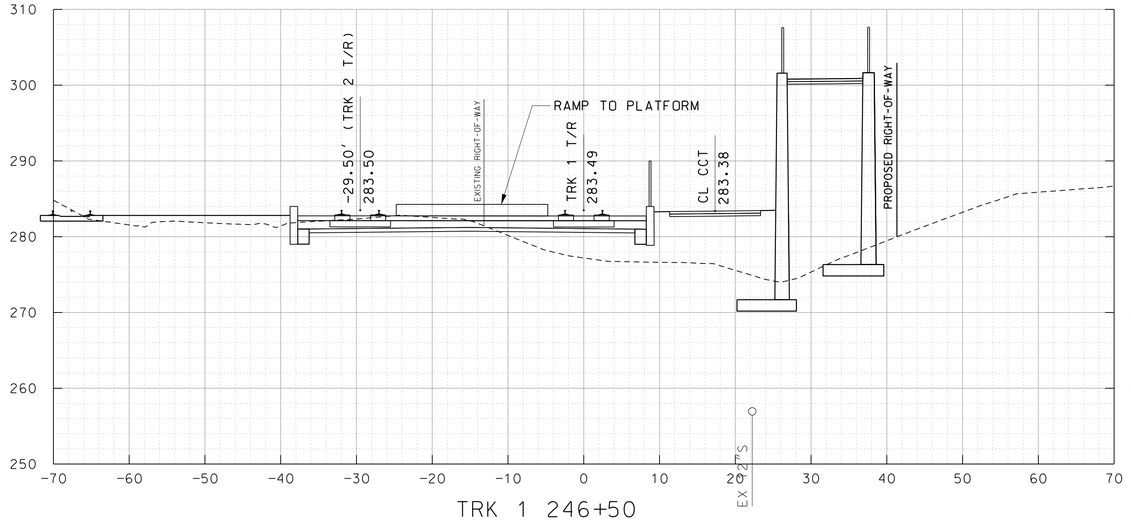
12/11/2013



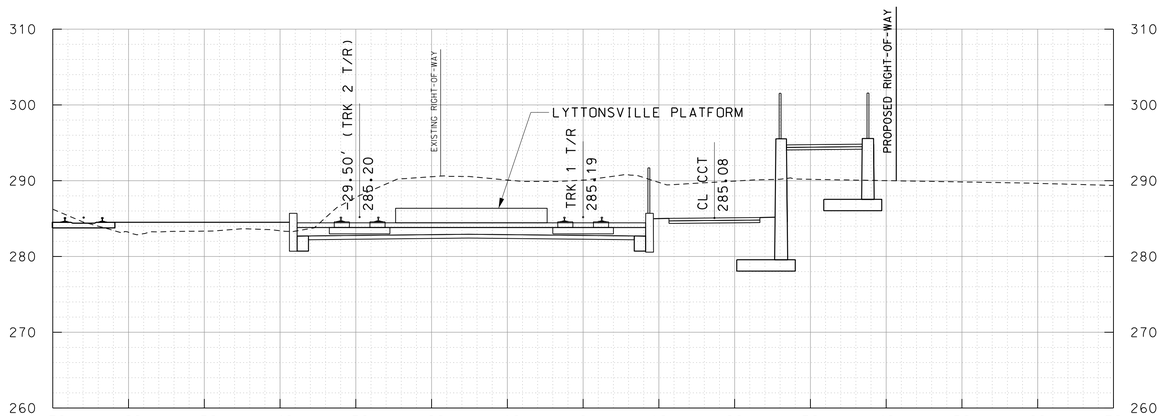
TRK 1 247+00



TRK 1 248+00



TRK 1 246+50



TRK 1 247+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION

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Gannett Fleming — WR&A

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 246+50 TO STA TRK 1 248+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T–1042–0220
DRAWING NO. XS–078
SHEET NO. 87 OF 736

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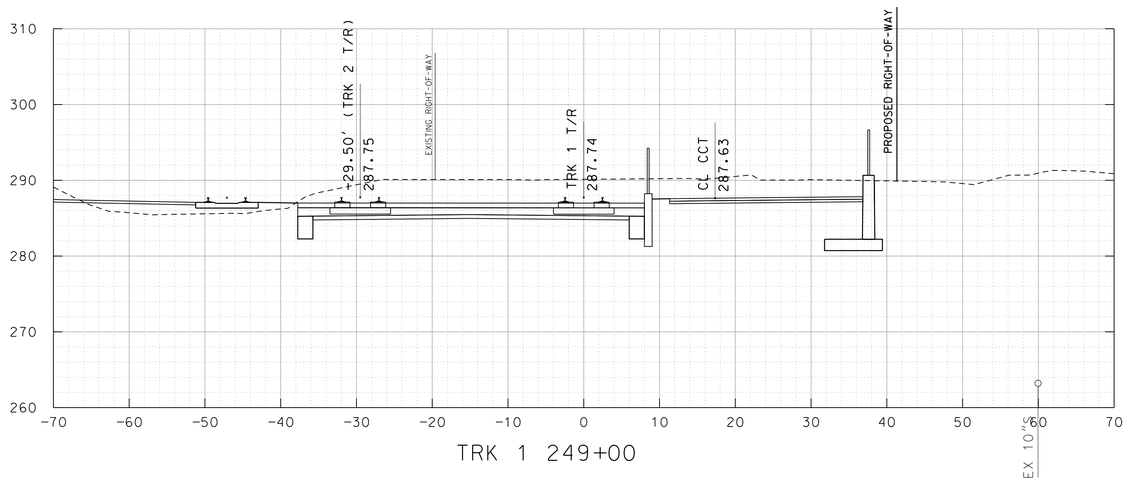
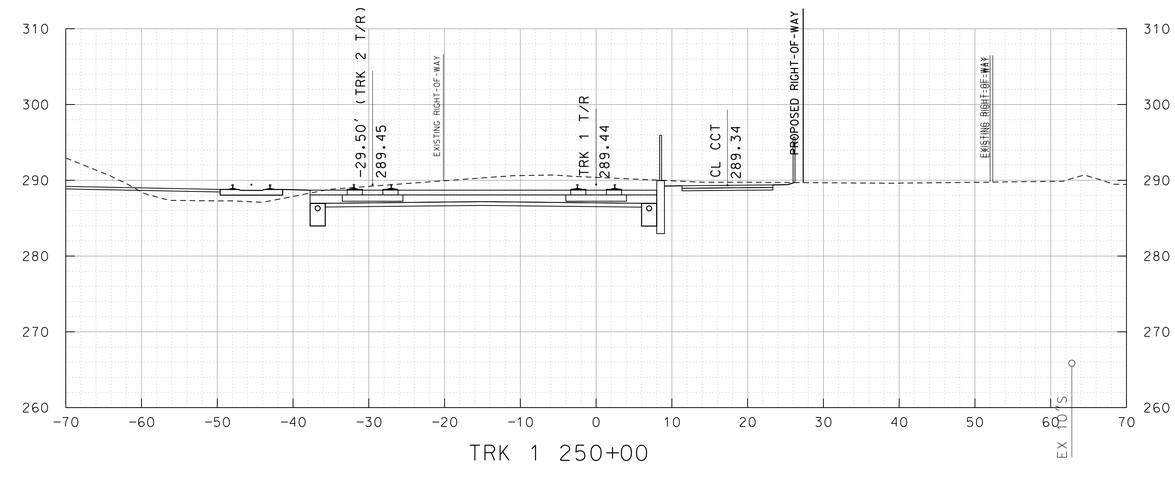
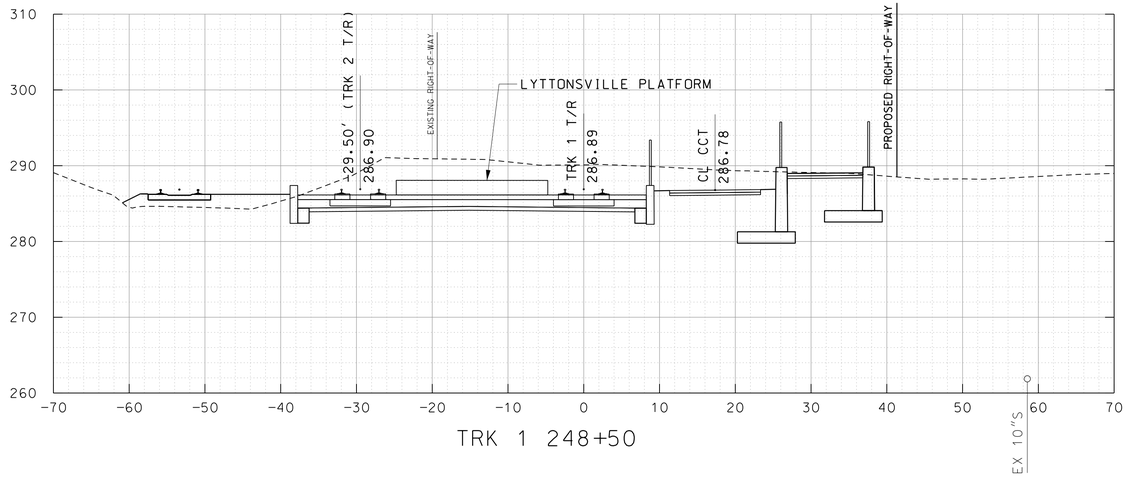
12/11/2013



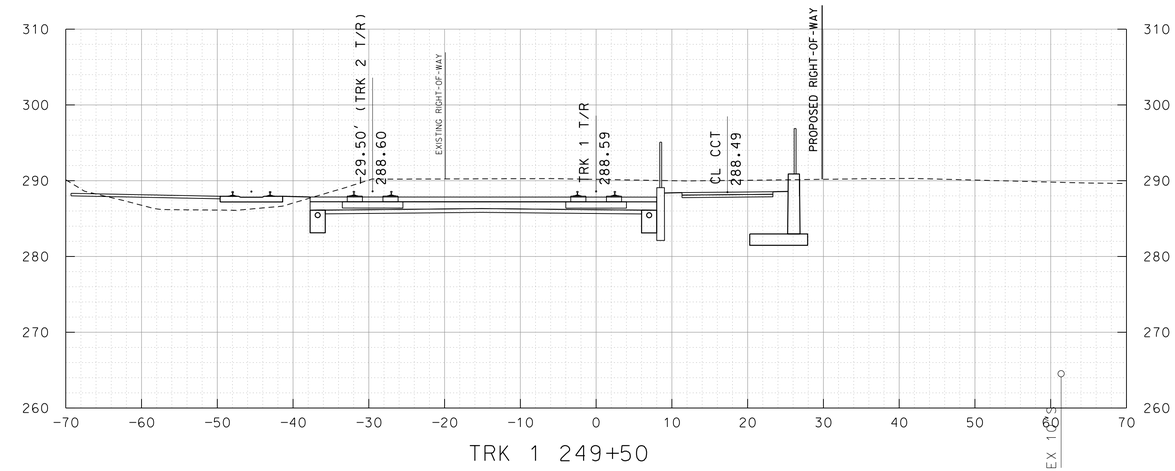
TRK 1 249+00



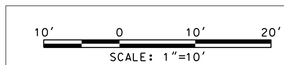
TRK 1 250+00



TRK 1 248+50



TRK 1 249+50



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION

MTA Maryland

Gannett Fleming

WR&A

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DESIGN

DRAWN

CHECK

APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 248+50 TO STA TRK 1 250+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-079

SHEET NO. 88 OF 736

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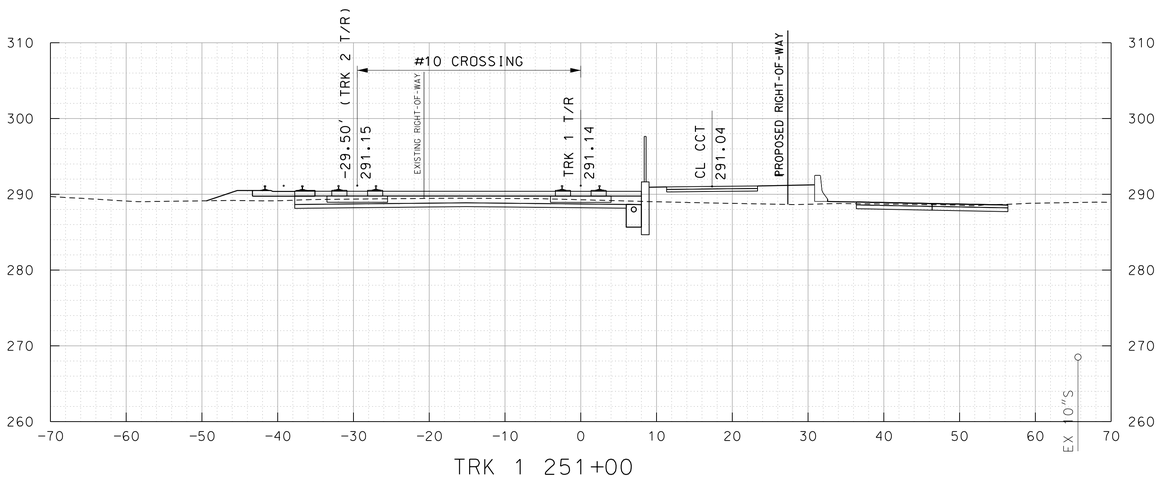
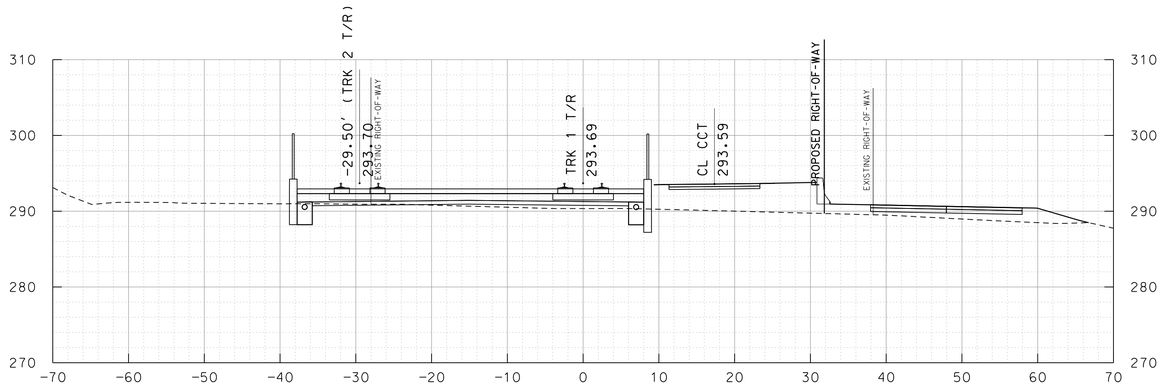
12/11/2013



TRK 1 251+00



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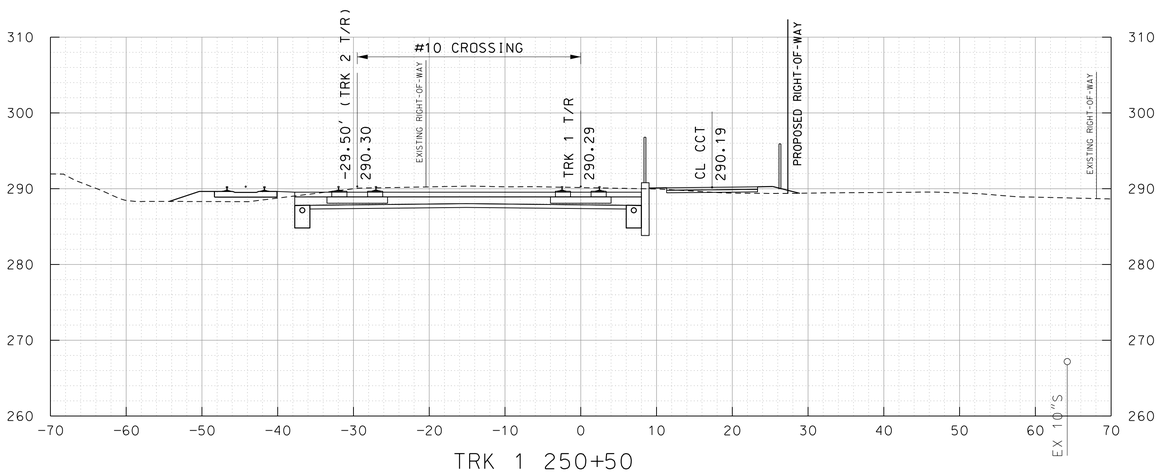
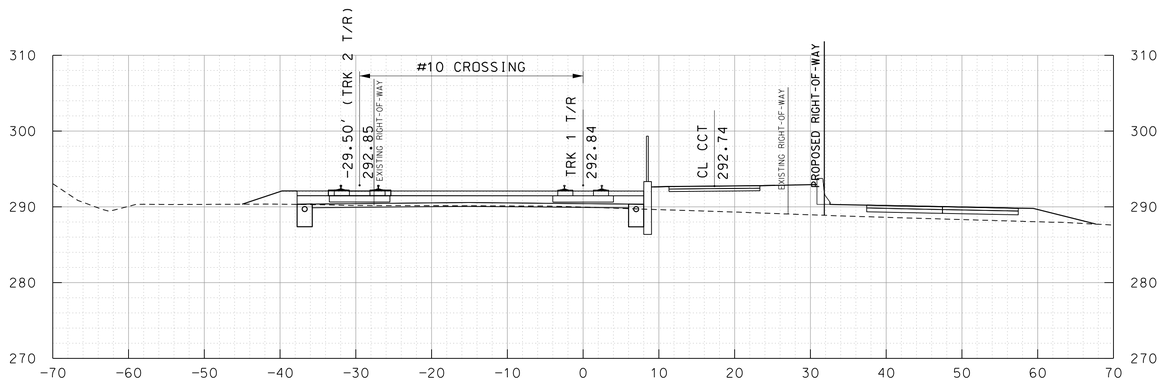
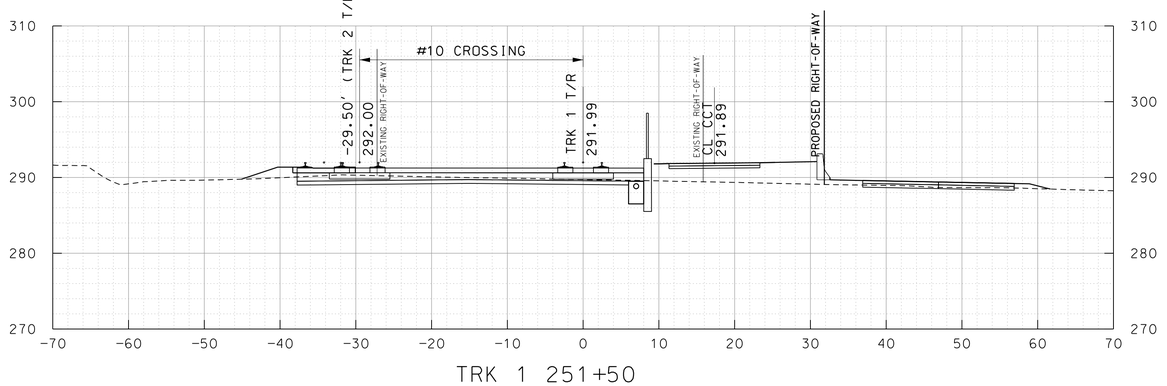


TRK 1 250+50



TRK 1 252+00



TRK 1 251+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 250+50 TO STA TRK 1 252+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-080
SHEET NO. 89 OF 736

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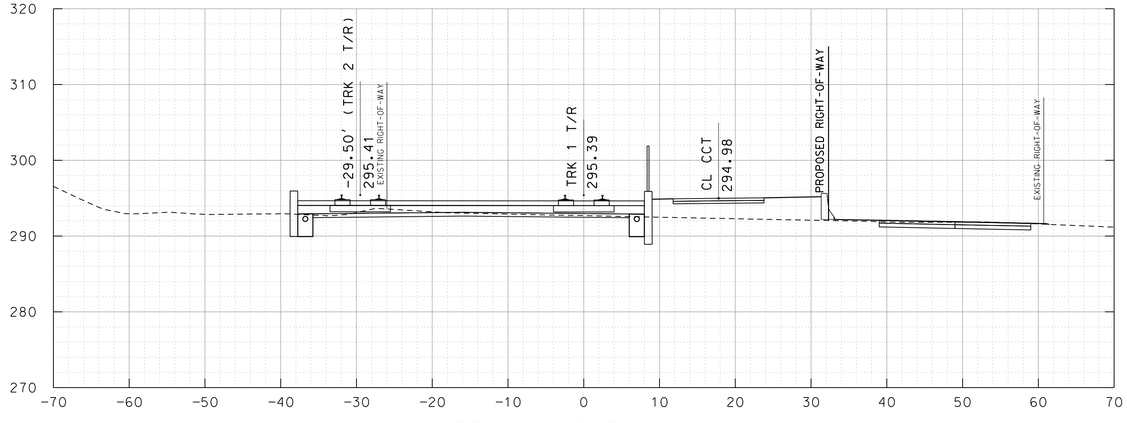
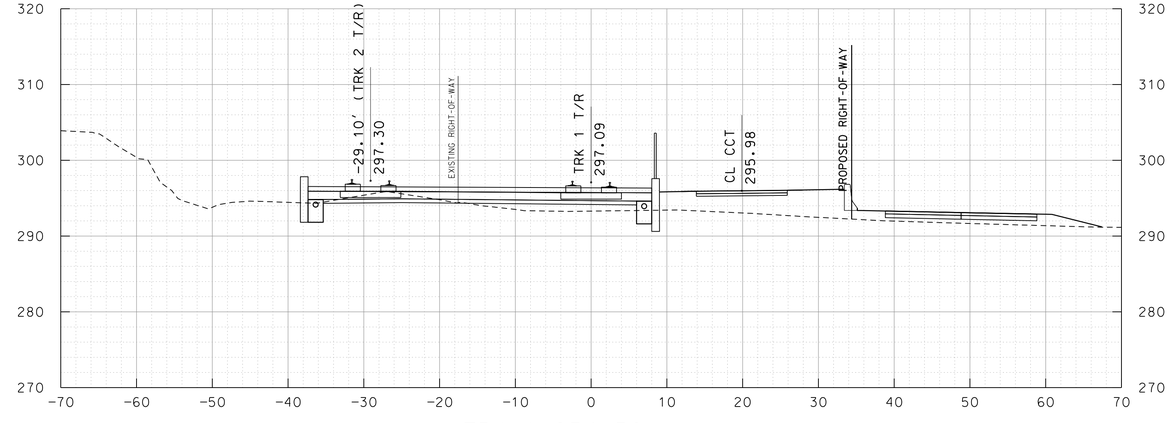
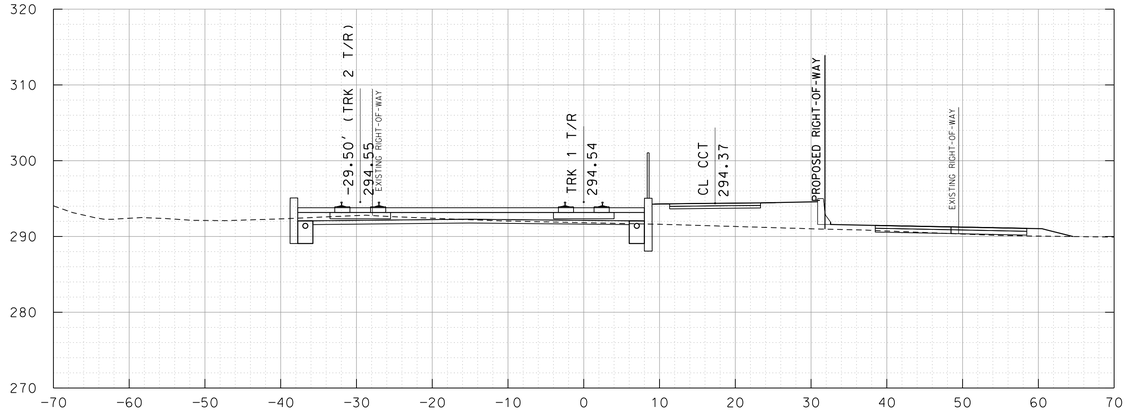
12/11/2013



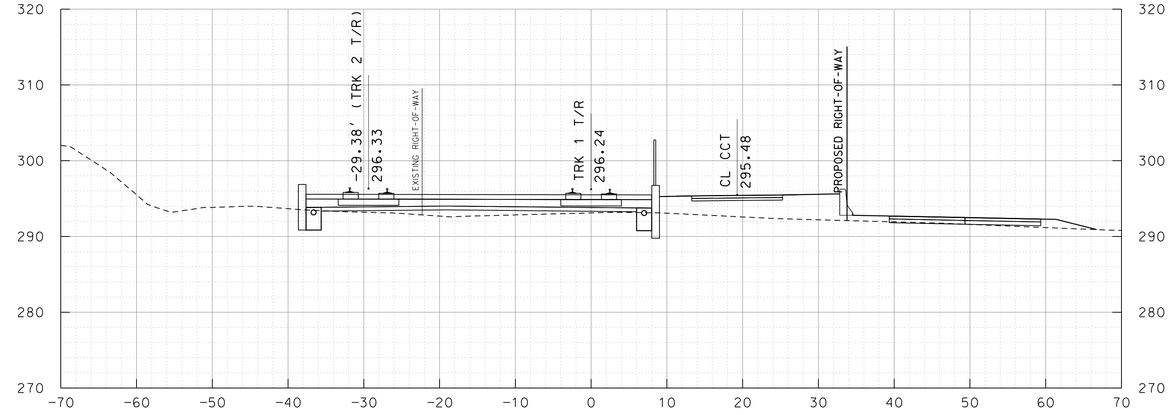
TRK 1 253+50



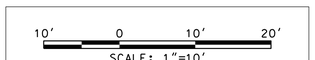
TRK 1 254+50



TRK 1 253+00



TRK 1 254+00



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

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DESIGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 253+00 TO STA TRK 1 254+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-081

SHEET NO. 90 OF 736

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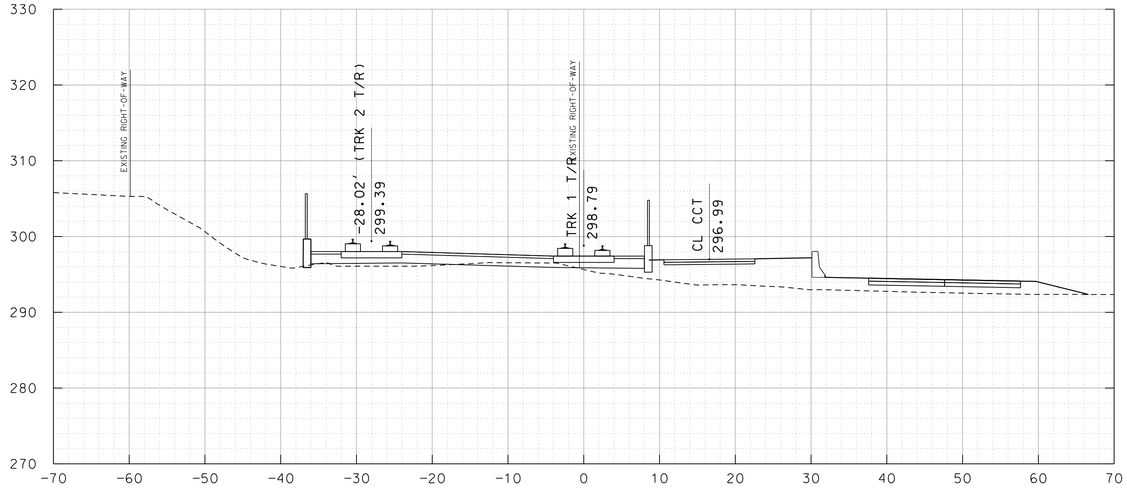
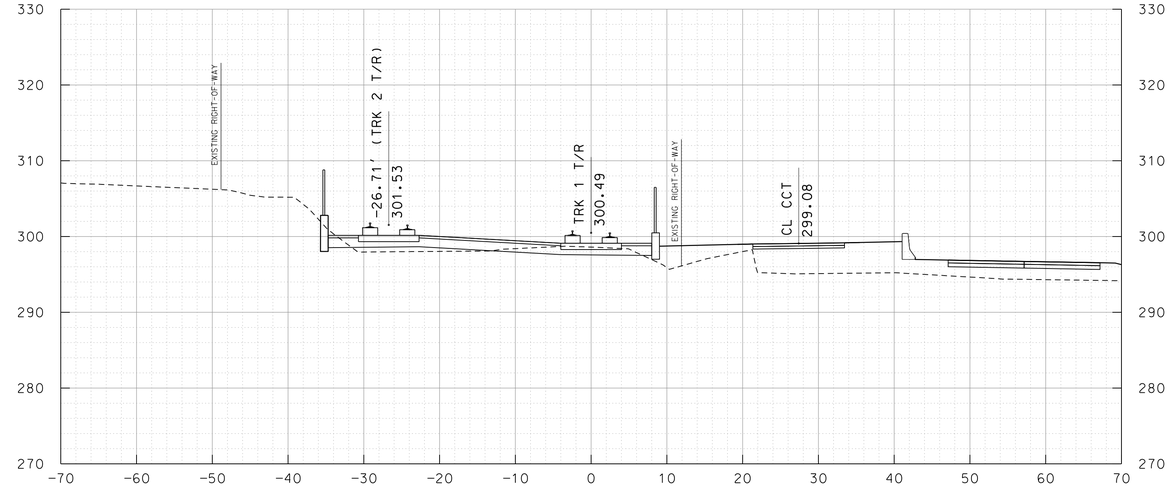
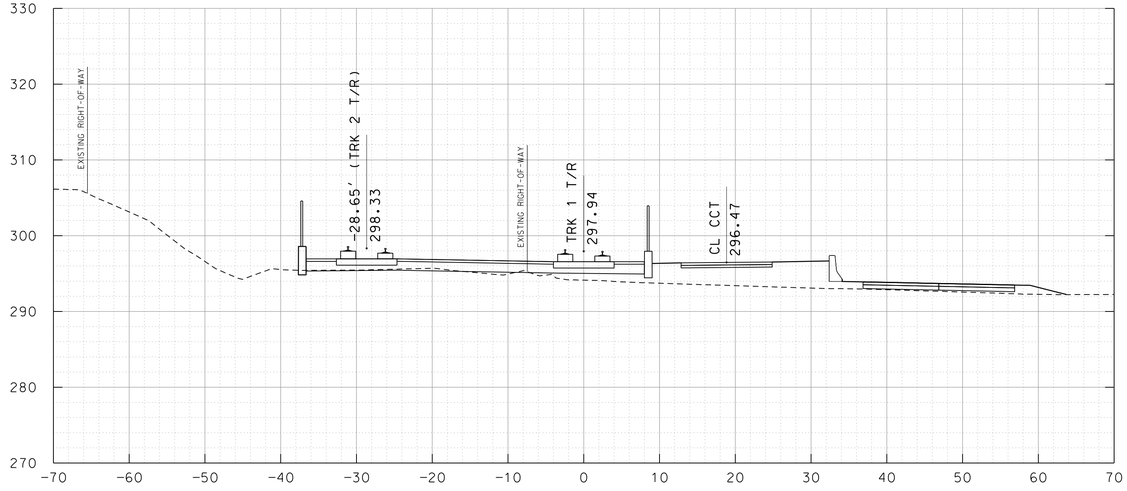
12/11/2013



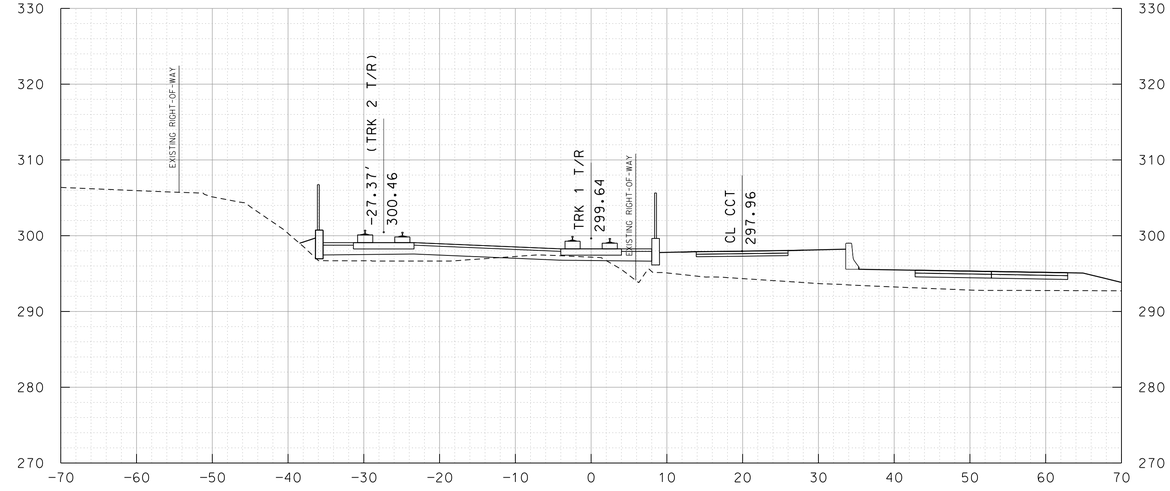
TRK 1 255+50



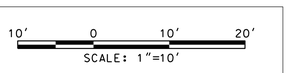
TRK 1 256+50



TRK 1 255+00



TRK 1 256+00



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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 255+00 TO STA TRK 1 256+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-082
SHEET NO. 91 OF 736

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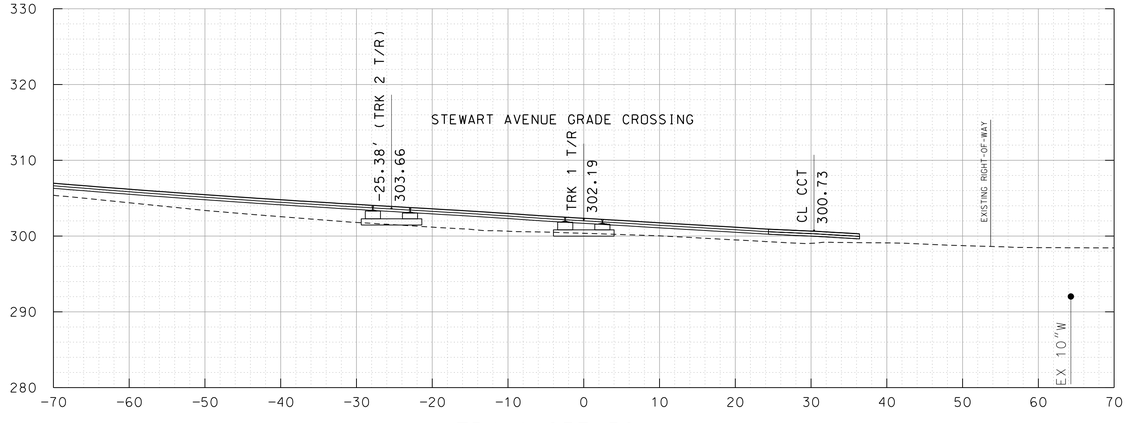
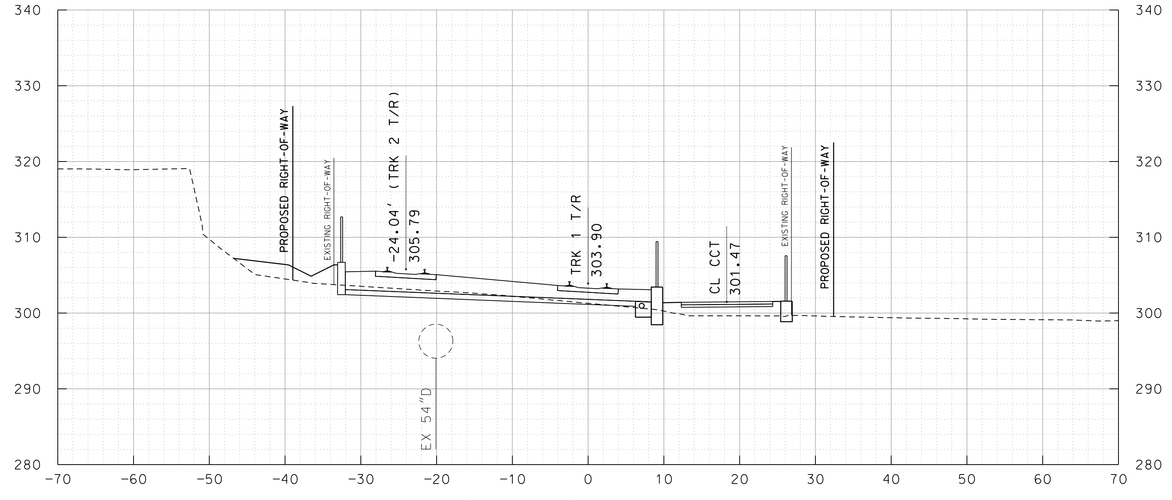
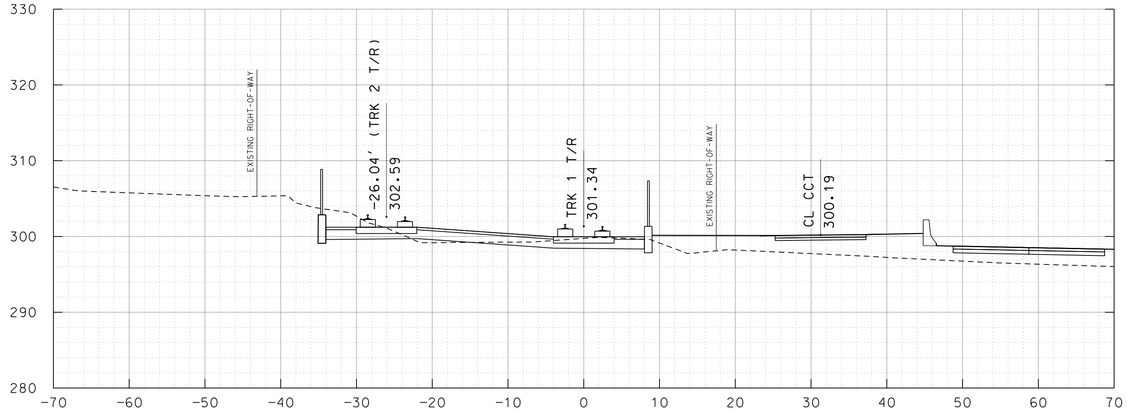
12/11/2013



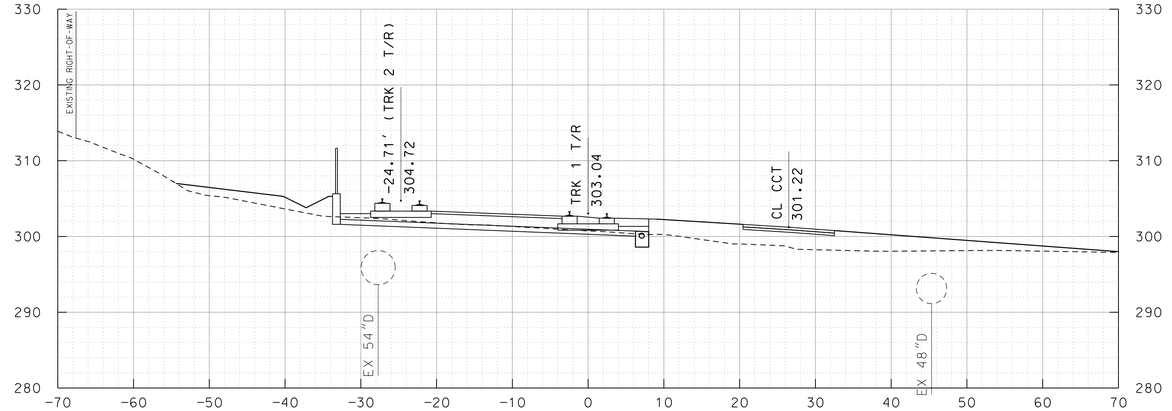
TRK 1 257+50



TRK 1 258+50



TRK 1 257+00



TRK 1 258+00

10' 0 10' 20'
SCALE: 1"=10'

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 257+00 TO STA TRK 1 258+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-083
SHEET NO. 92 OF 736

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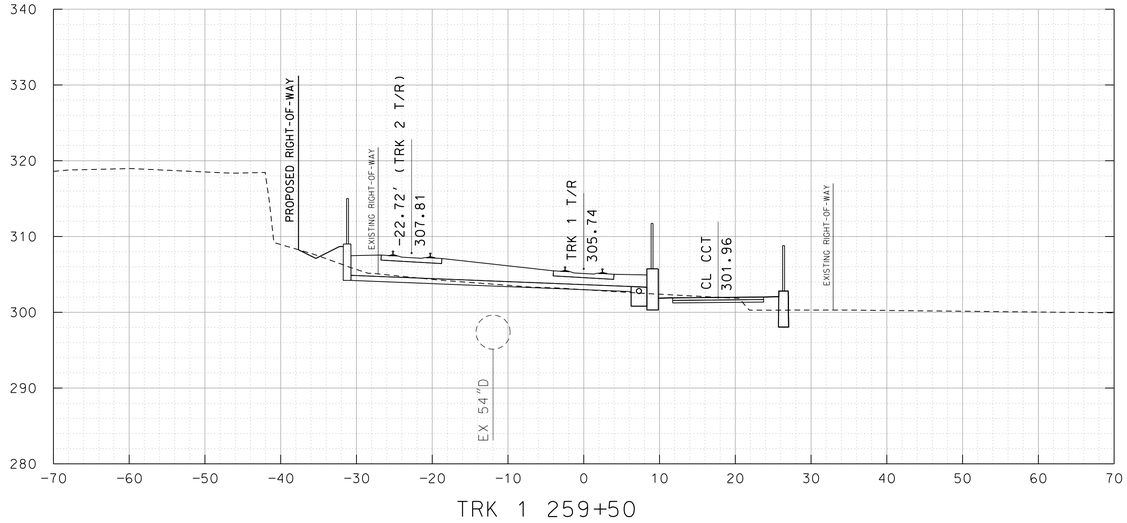
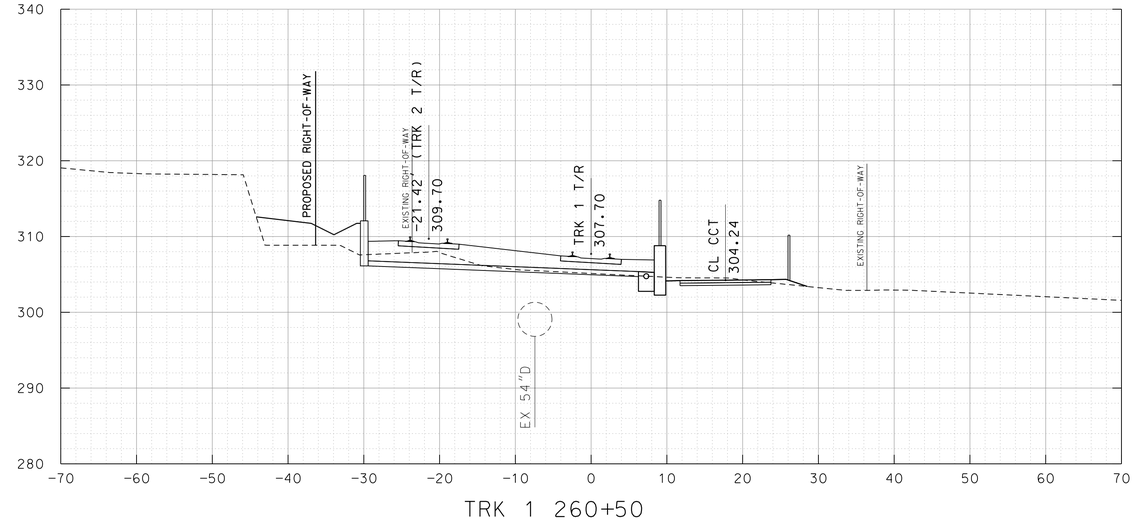
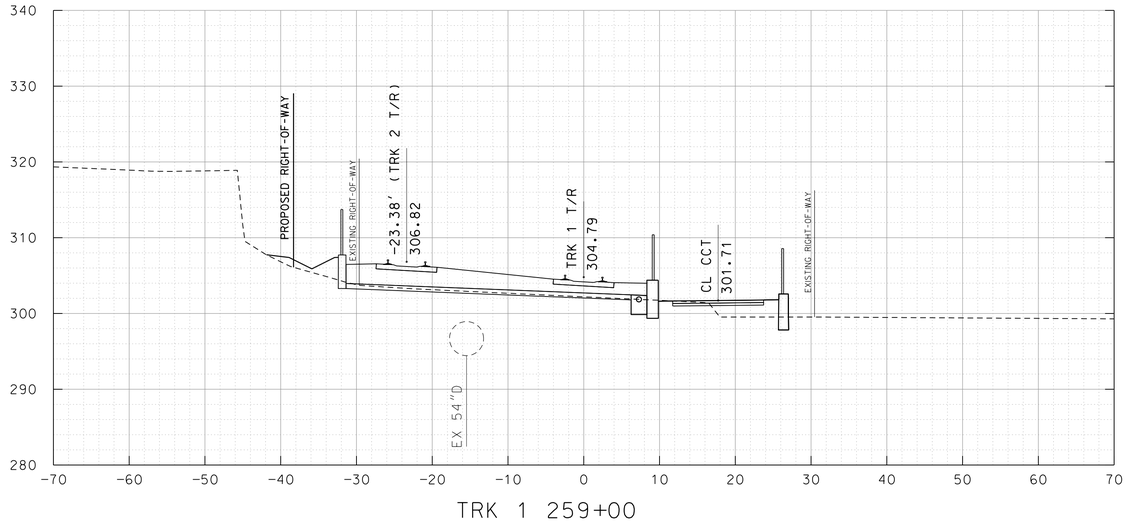
12/11/2013



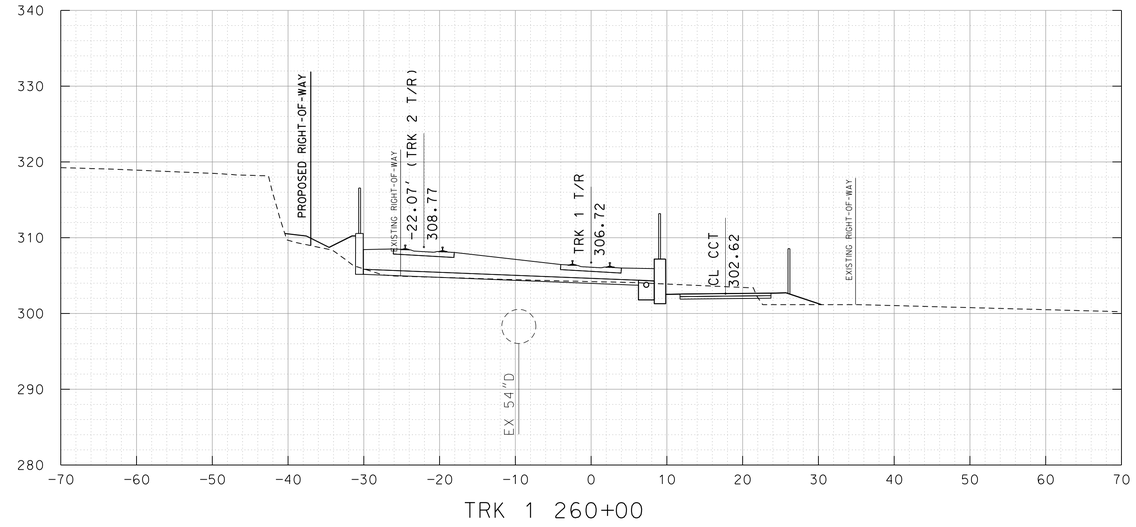
TRK 1 259+50



TRK 1 260+50



TRK 1 259+00



TRK 1 260+00

10' 0 10' 20'

SCALE: 1"=10'

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MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 259+00 TO STA TRK 1 260+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-084

SHEET NO. 93 OF 736

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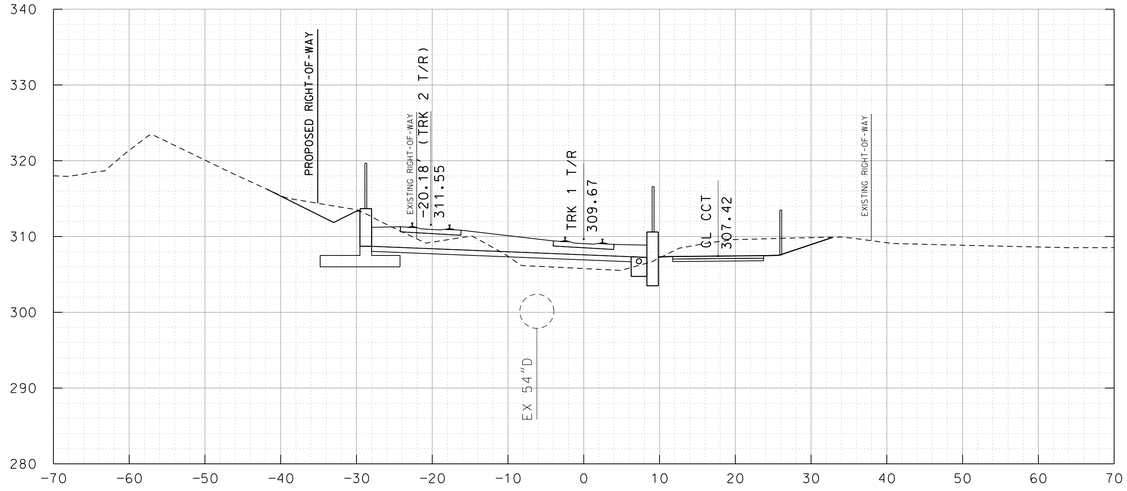
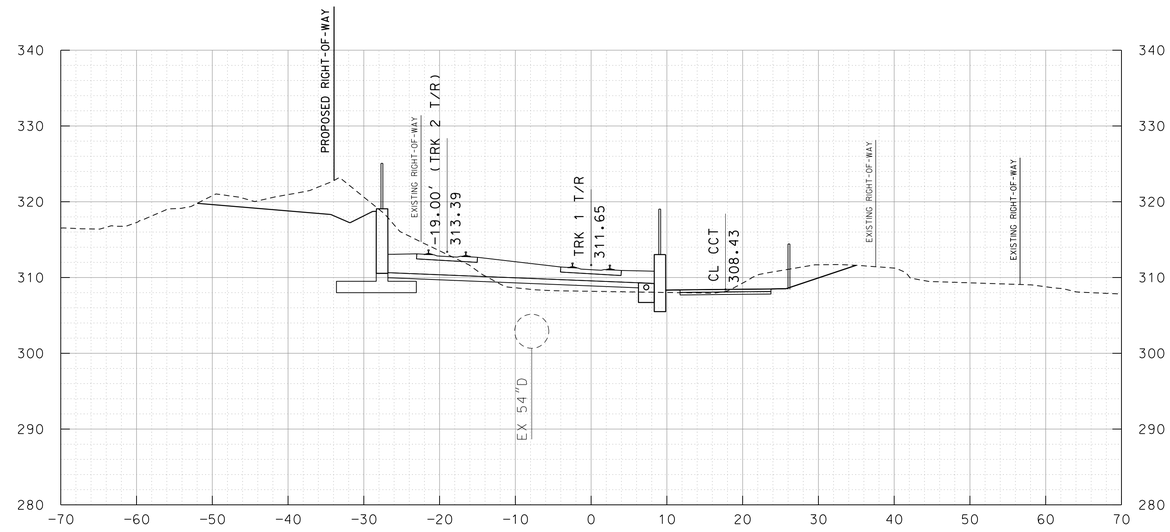
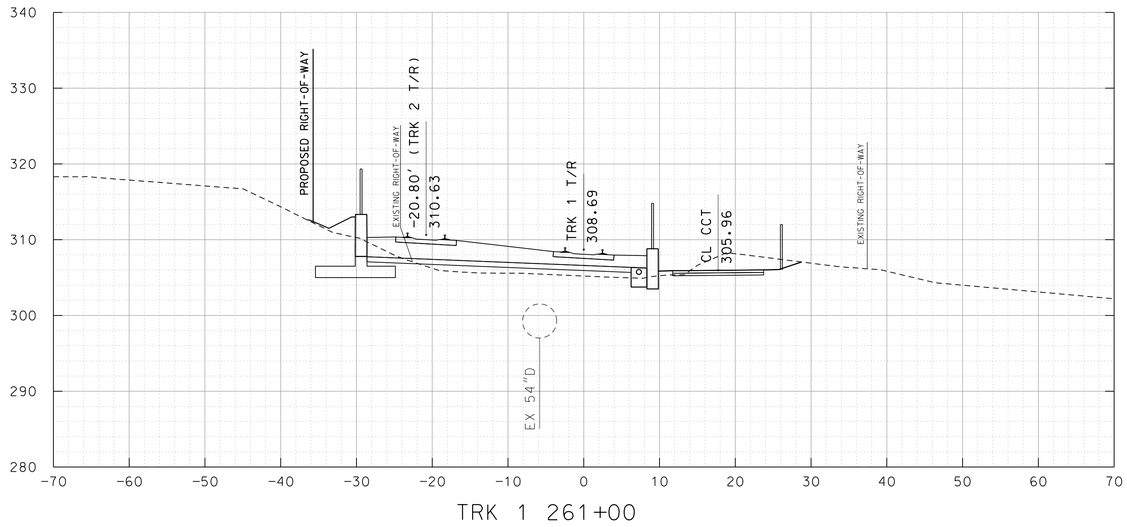
12/11/2013



TRK 1 261+50



TRK 1 262+50



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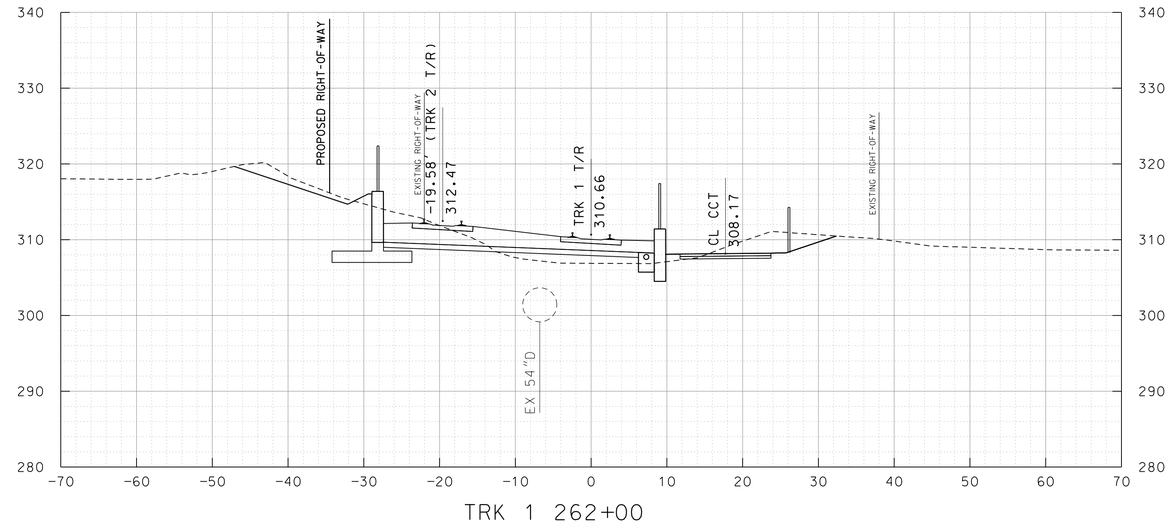

TRK 1 262+00

10' 0 10' 20'

SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

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DESIGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 261+00 TO STA TRK 1 262+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-085

SHEET NO. 94 OF 736

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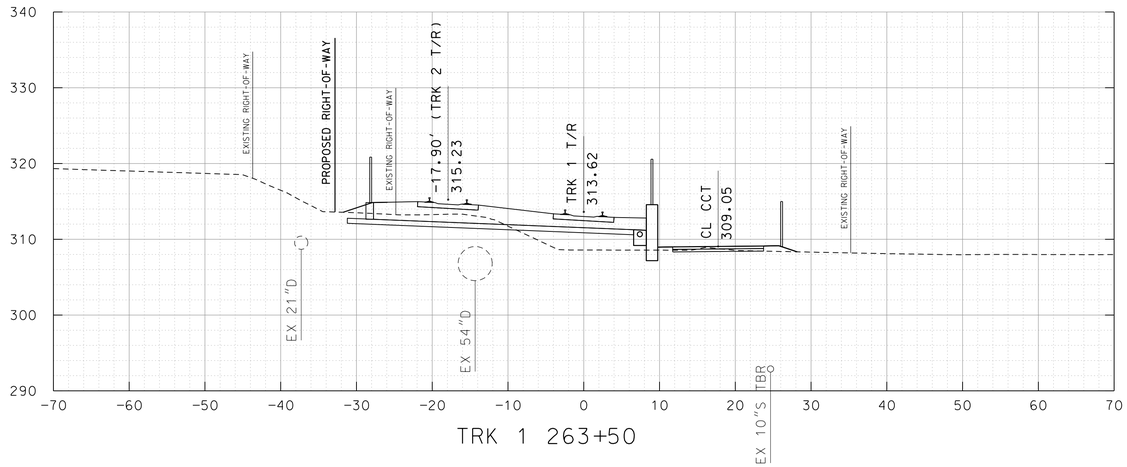
12/11/2013



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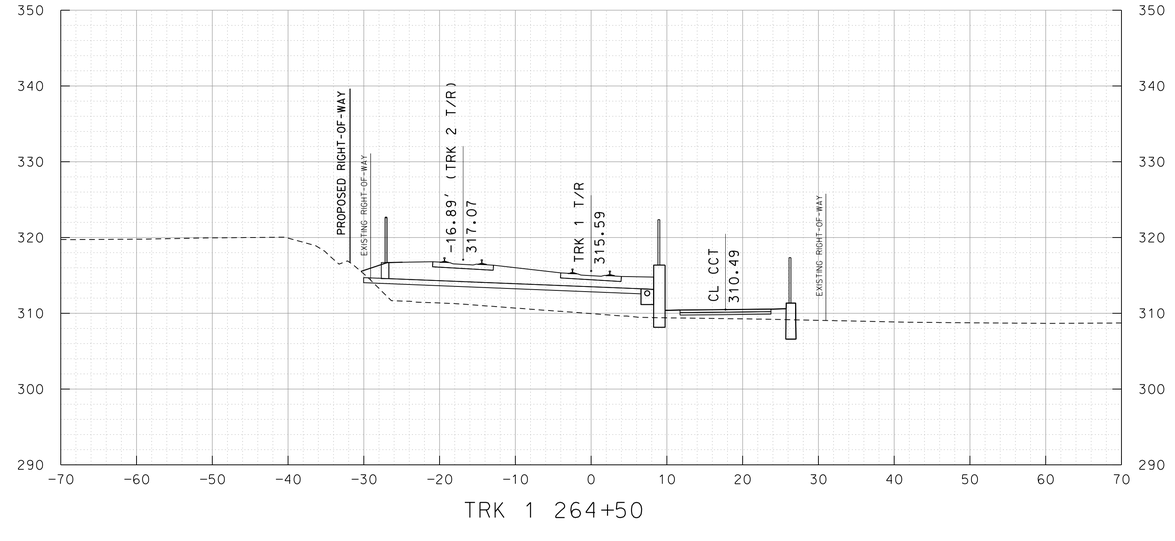

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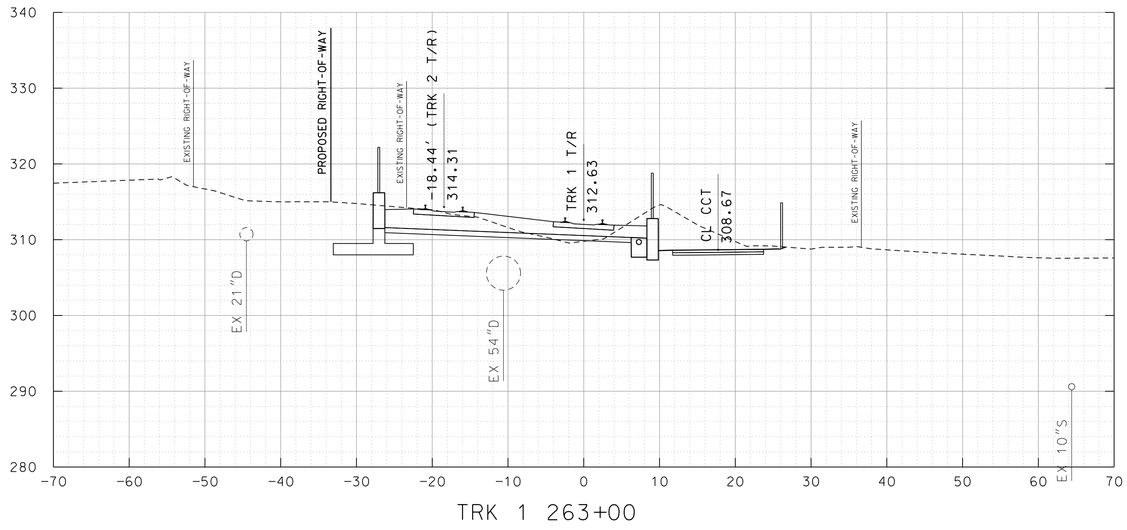

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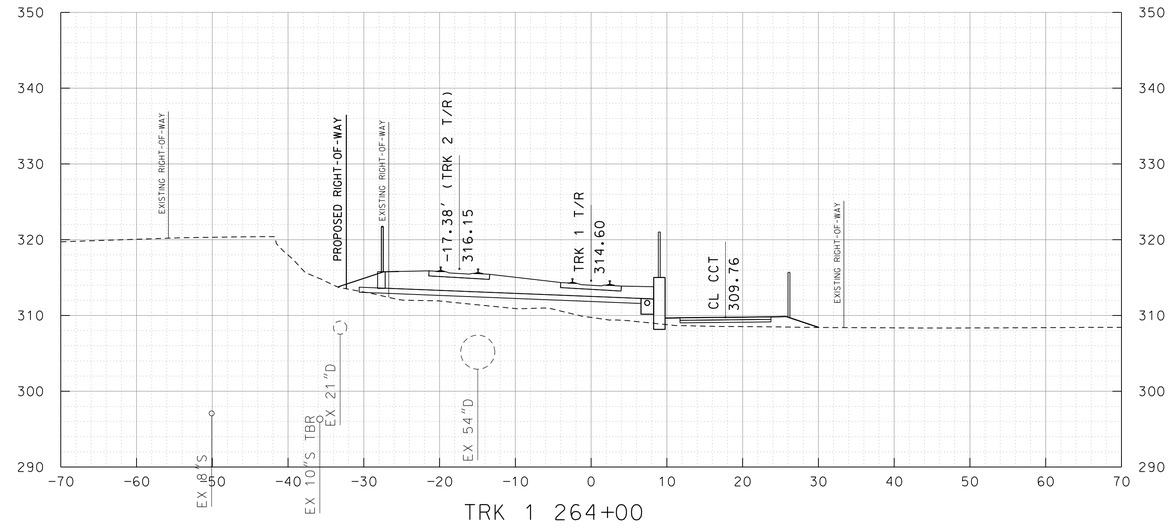

TRK 1 264+00

10' 0 10' 20'

SCALE: 1"=10'

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 263+00 TO STA TRK 1 264+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-086

SHEET NO. 95 OF 736

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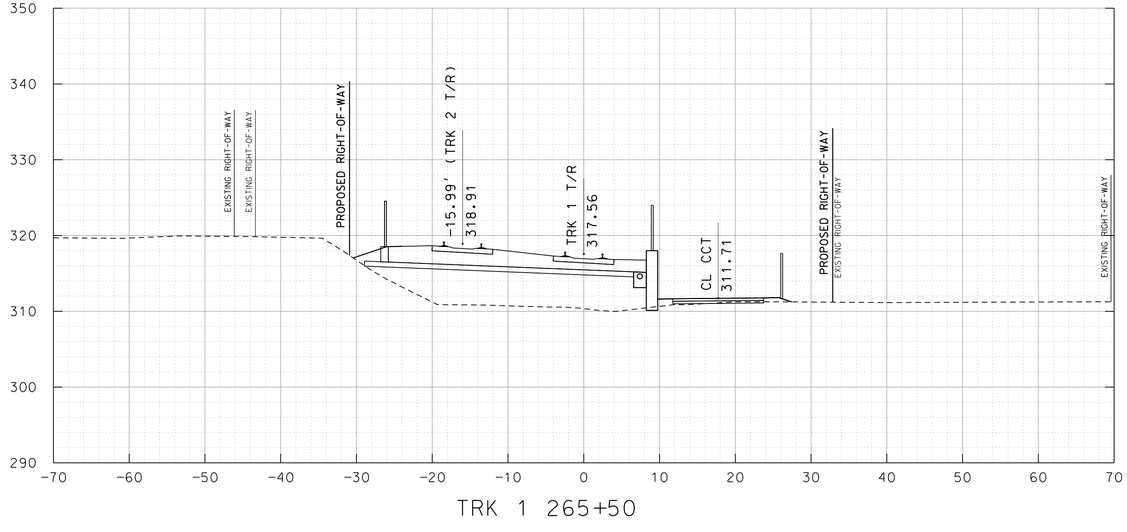
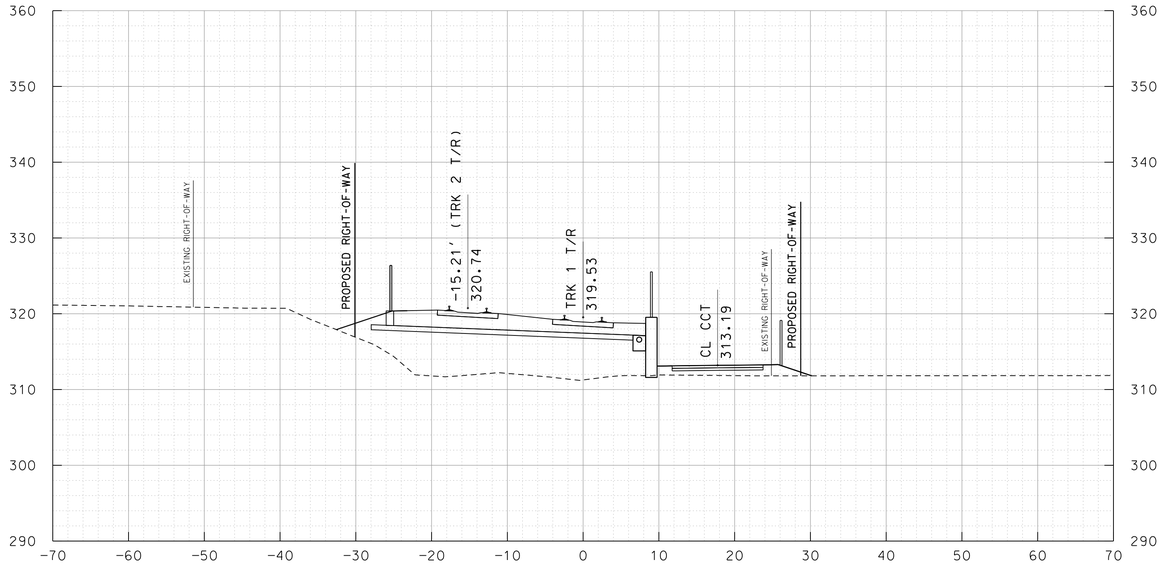
12/11/2013



TRK 1 265+50



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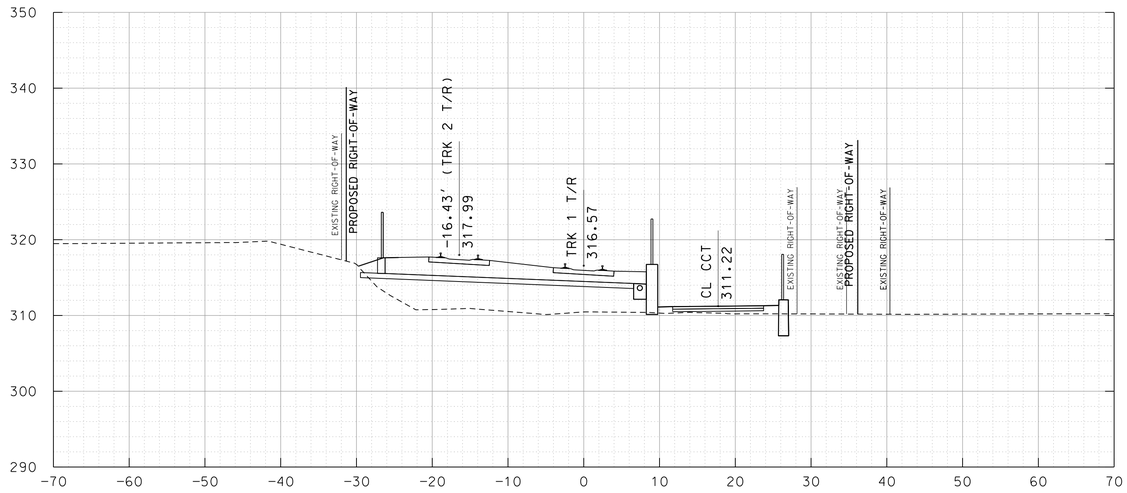
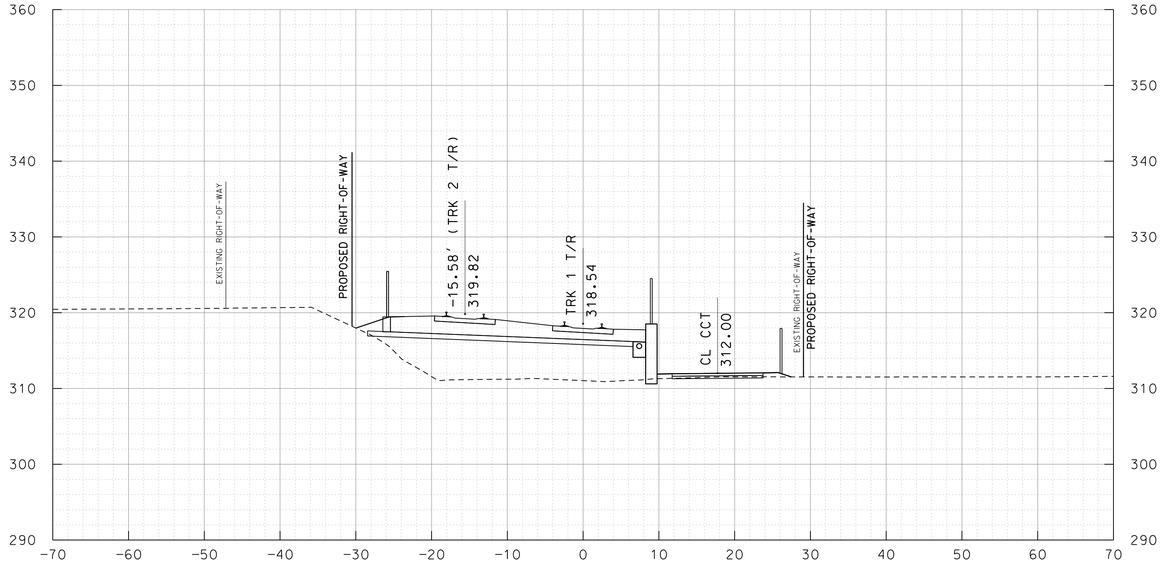


TRK 1 265+00



TRK 1 266+00

10' 0 10' 20'
SCALE: 1"=10'

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 265+00 TO STA TRK 1 266+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-087
SHEET NO. 96 OF 736

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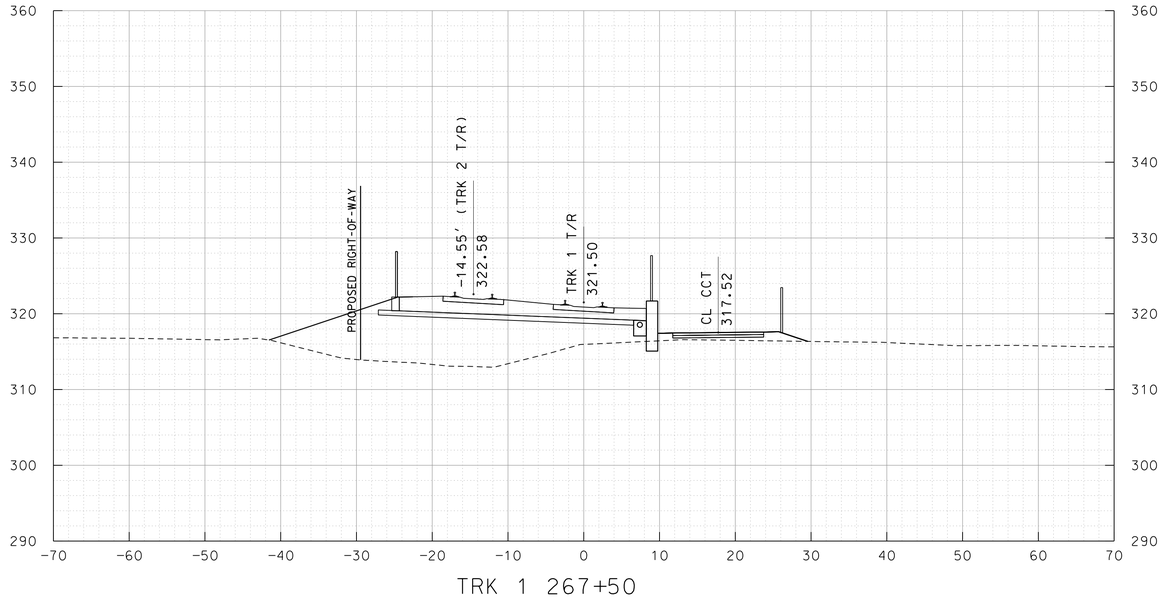
12/11/2013



TRK 1 267+50

TRK 1 267+00

TRK 1 268+00

10' 0 10' 20'
SCALE: 1"=10'

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 267+00 TO STA TRK 1 268+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-088
SHEET NO. 97 OF 736

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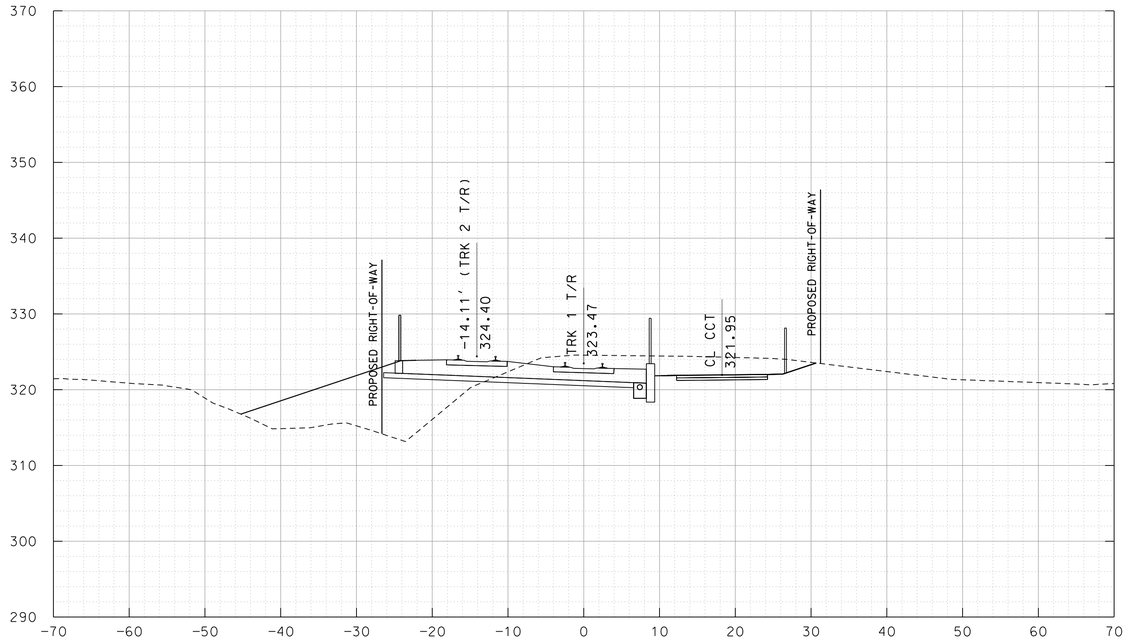
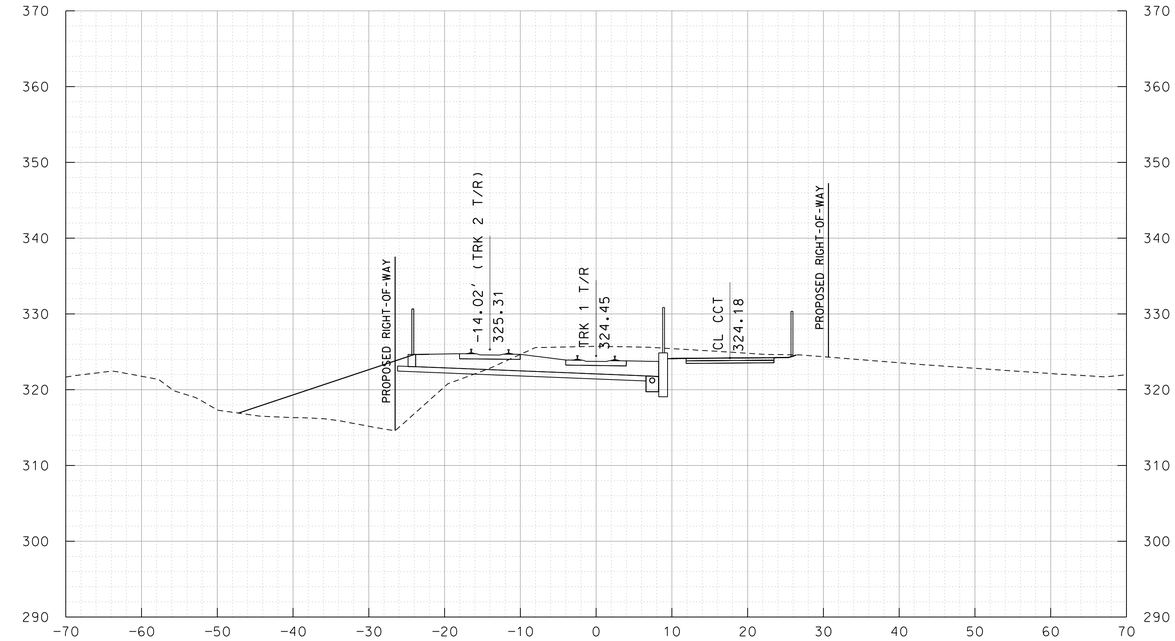
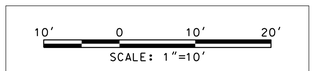
12/11/2013



TRK 1 268+50



TRK 1 269+00



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PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 268+50 TO STA TRK 1 269+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-089

SHEET NO. 98 OF 736

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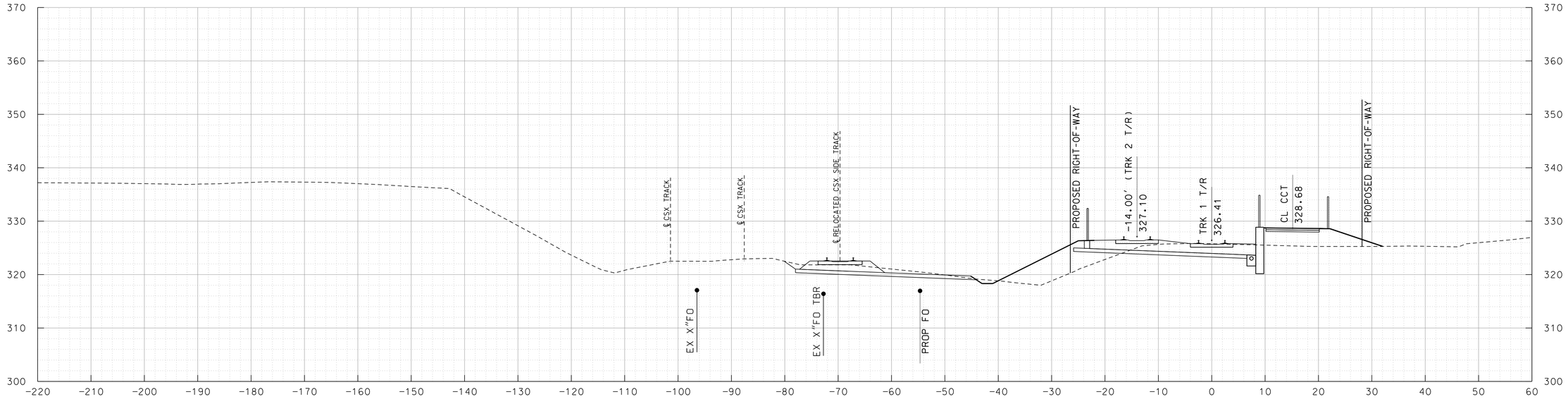
12/11/2013



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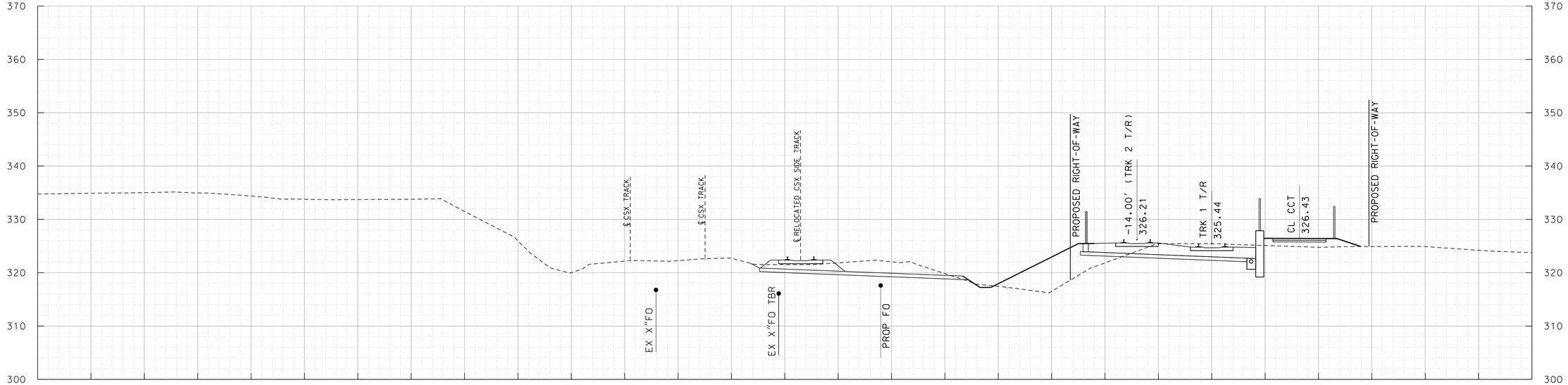

TRK 1 269+50

10' 0 10' 20'
SCALE: 1"=10'

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PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 269+50 TO STA TRK 1 270+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-090
SHEET NO. 99 OF 736

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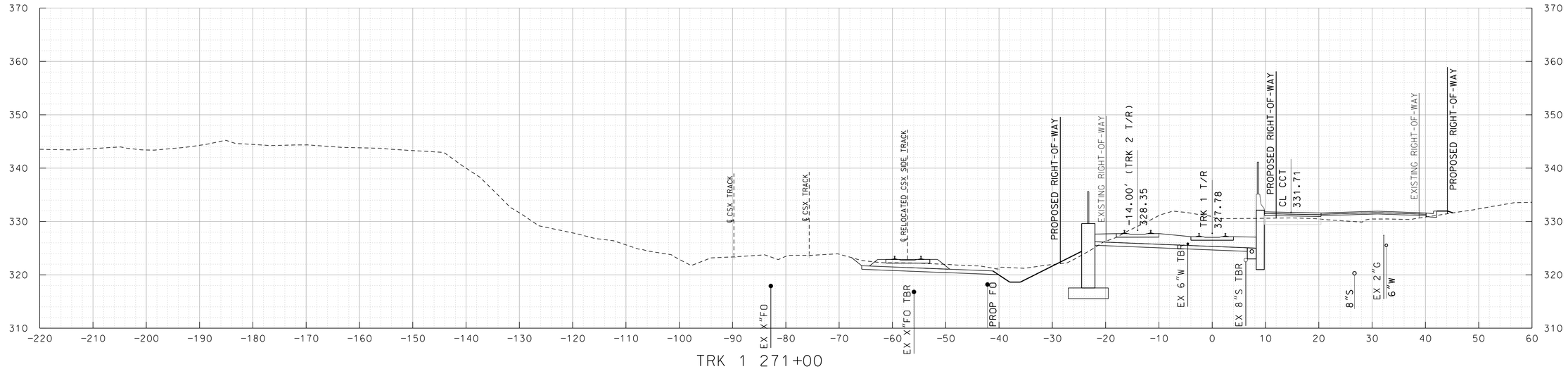
12/11/2013



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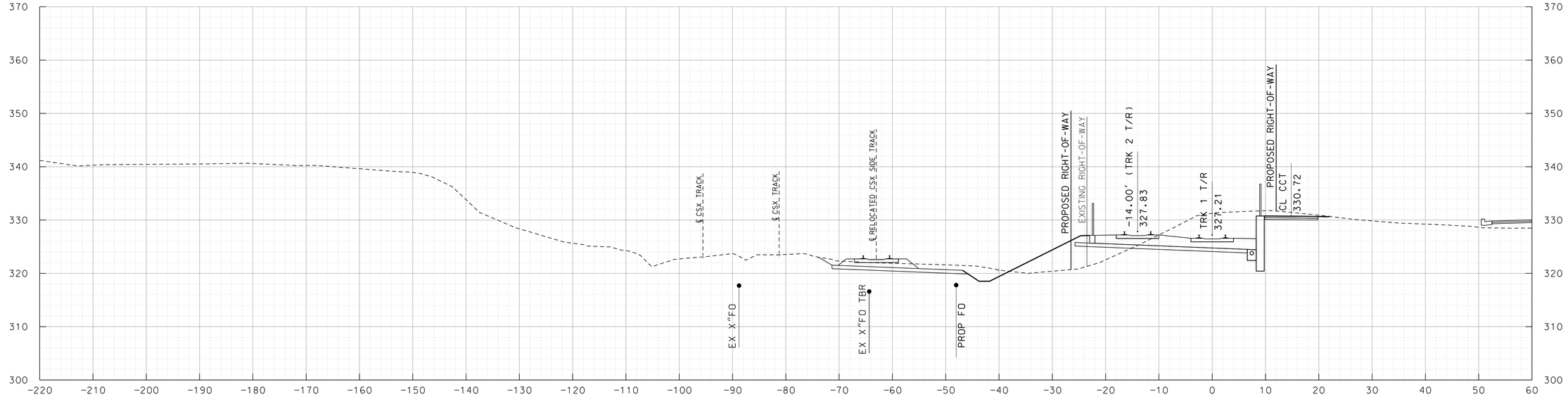

TRK 1 270+50

10' 0 10' 20'
SCALE: 1"=10'

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DESIGN
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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 270+50 TO STA TRK 1 271+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-091
SHEET NO. 100 OF 736

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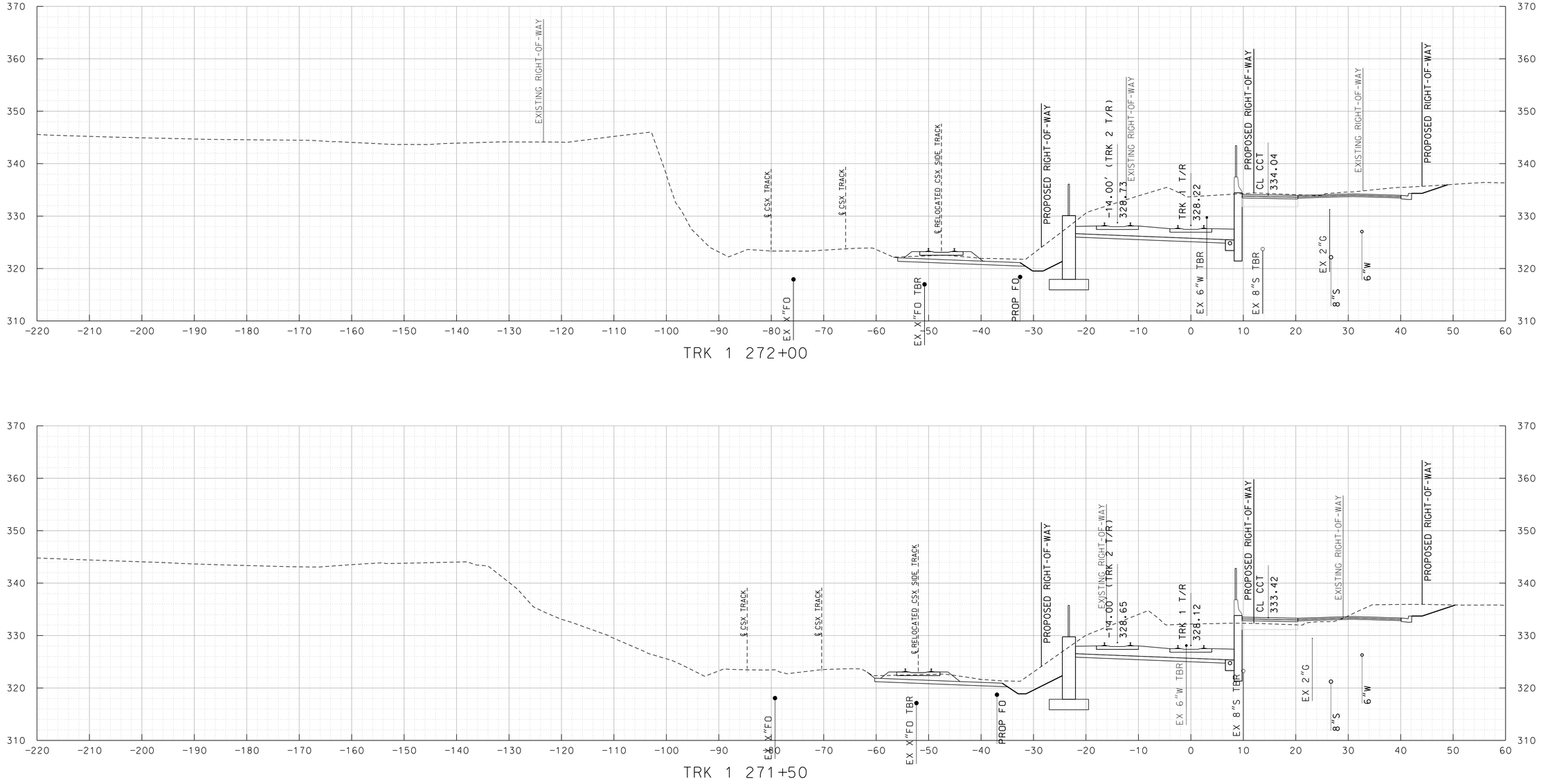
12/11/2013



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DESGN	
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PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 271+50 TO STA TRK 1 272+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-092

SHEET NO. 101 OF 736

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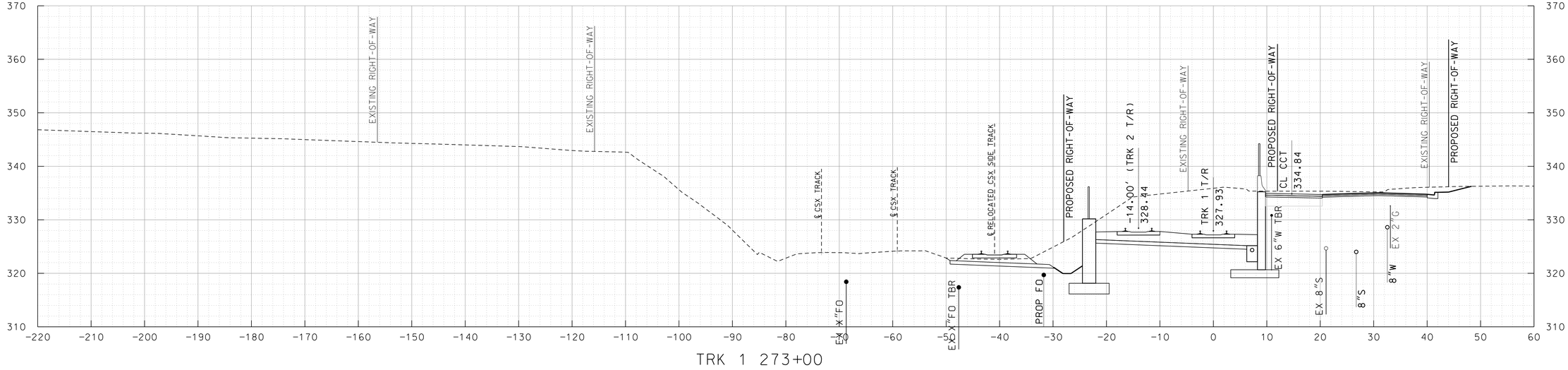
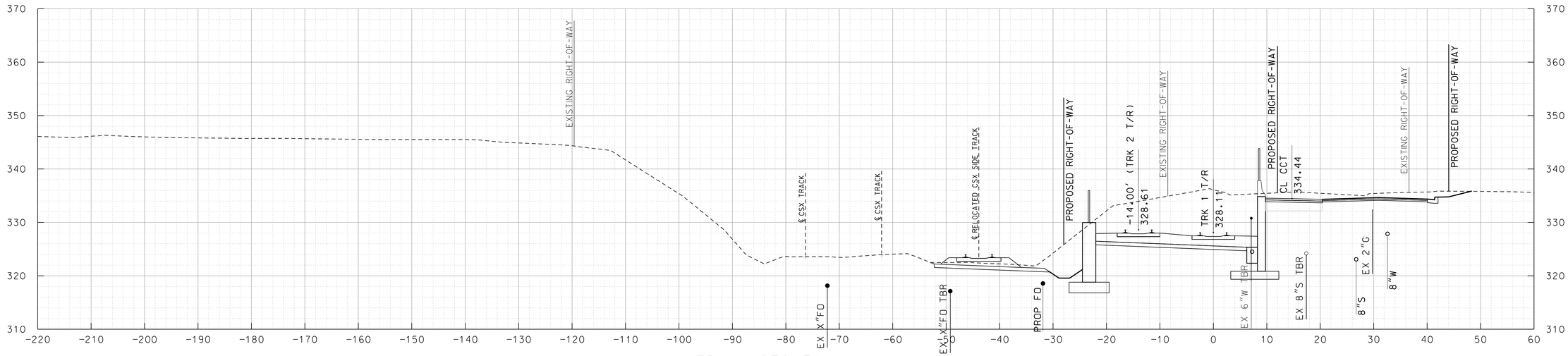
12/11/2013



TRK 1 273+00



TRK 1 272+50

10' 0 10' 20'
SCALE: 1"=10'

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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 272+50 TO STA TRK 1 273+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-093
SHEET NO. 102 OF 736

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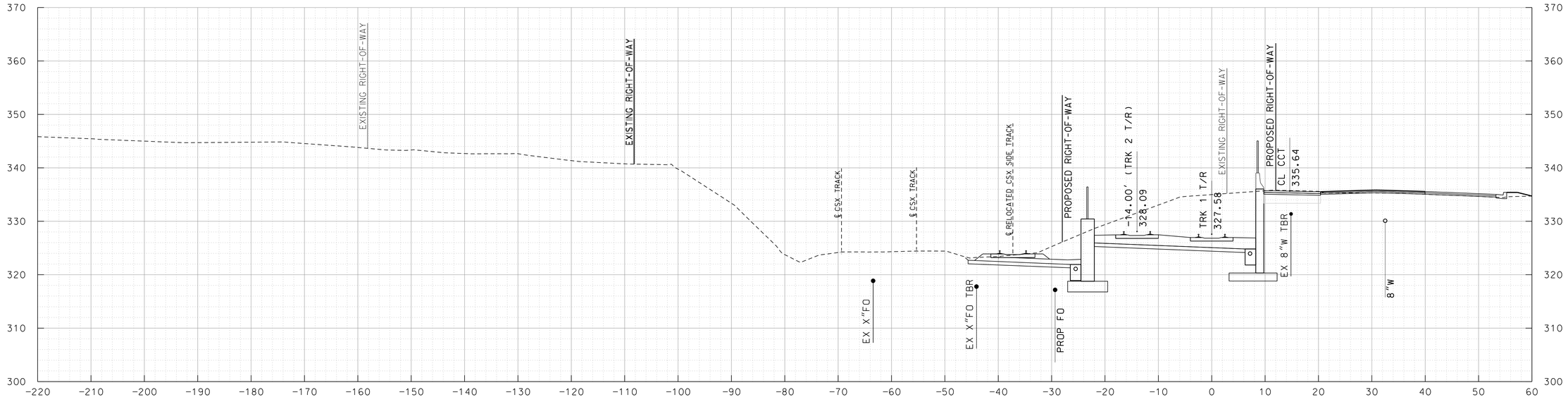
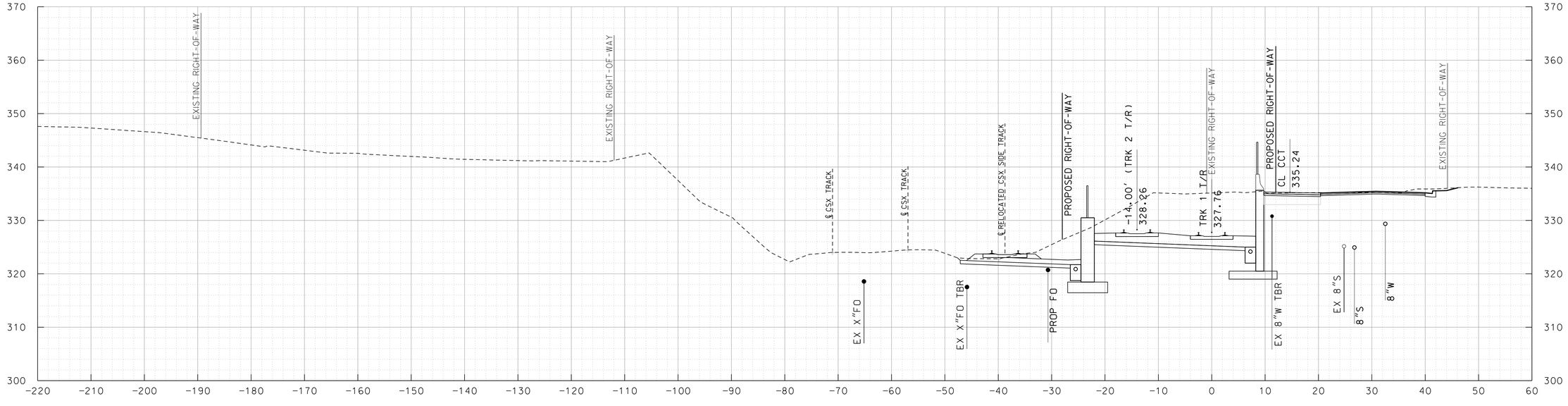
12/11/2013



TRK 1 274+00



TRK 1 273+50

10' 0 10' 20'
SCALE: 1"=10'

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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 273+50 TO STA TRK 1 274+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-094
SHEET NO. 103 OF 736

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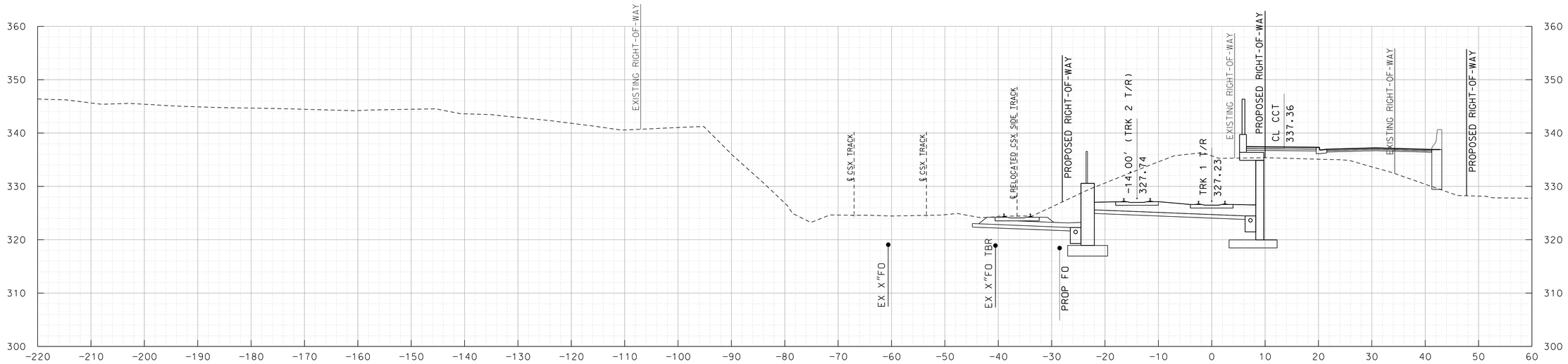
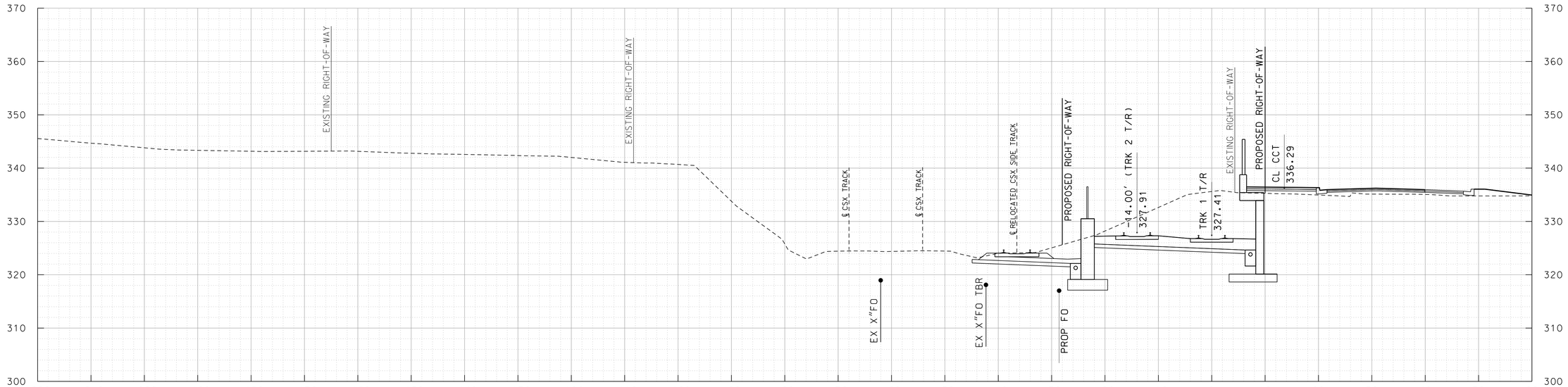
12/11/2013



TRK 1 275+00



TRK 1 274+50

10′ 0 10′ 20′
SCALE: 1"=10′

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PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 274+50 TO STA TRK 1 275+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-095
SHEET NO. 104 OF 736

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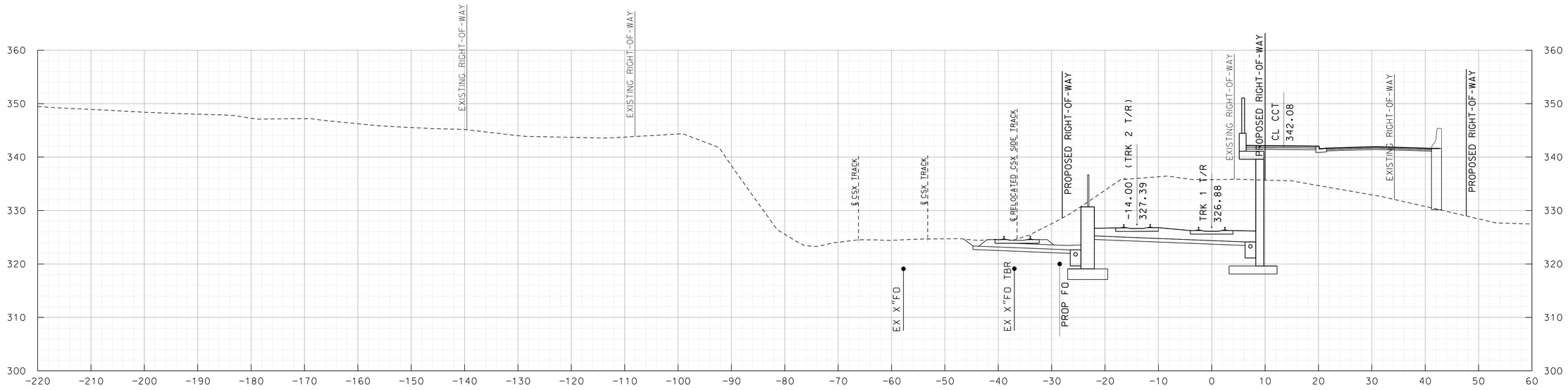
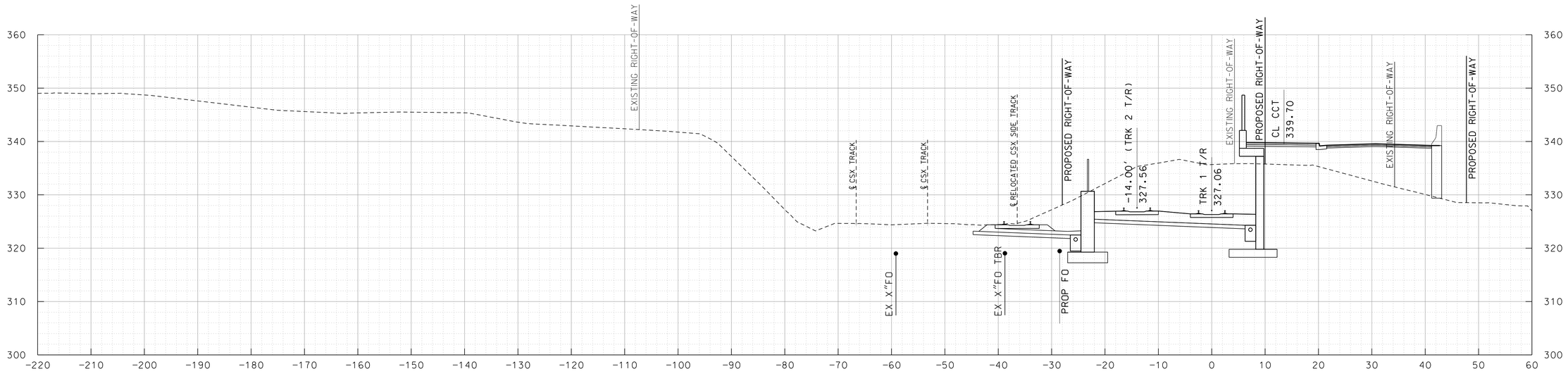
12/11/2013



TRK 1 276+00



TRK 1 275+50

10' 0 10' 20'
SCALE: 1"=10'

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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 275+50 TO STA TRK 1 276+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-096
SHEET NO. 105 OF 736

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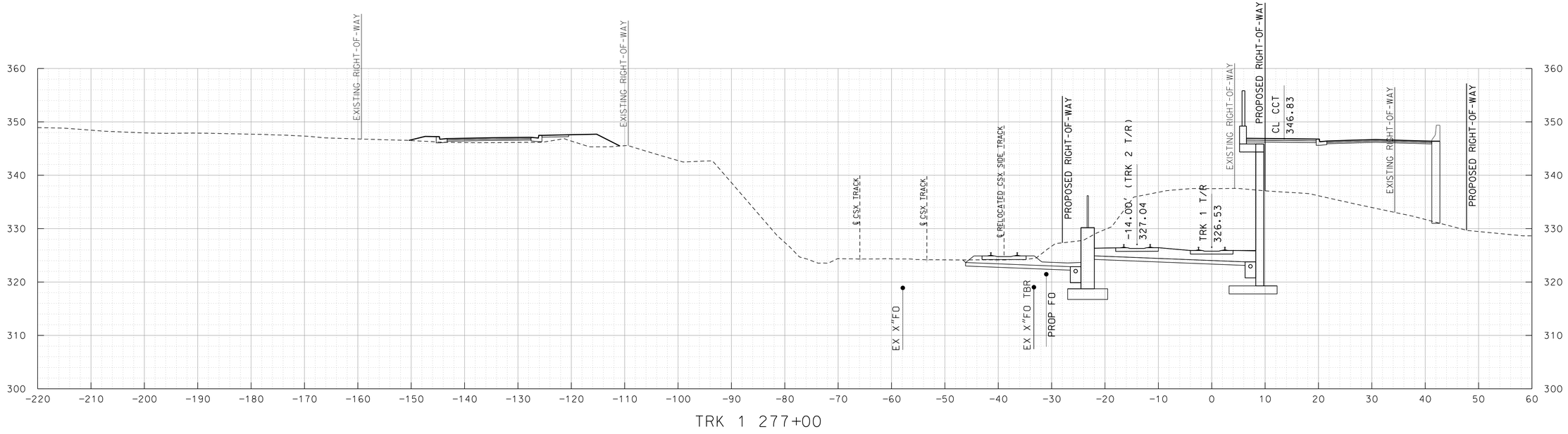
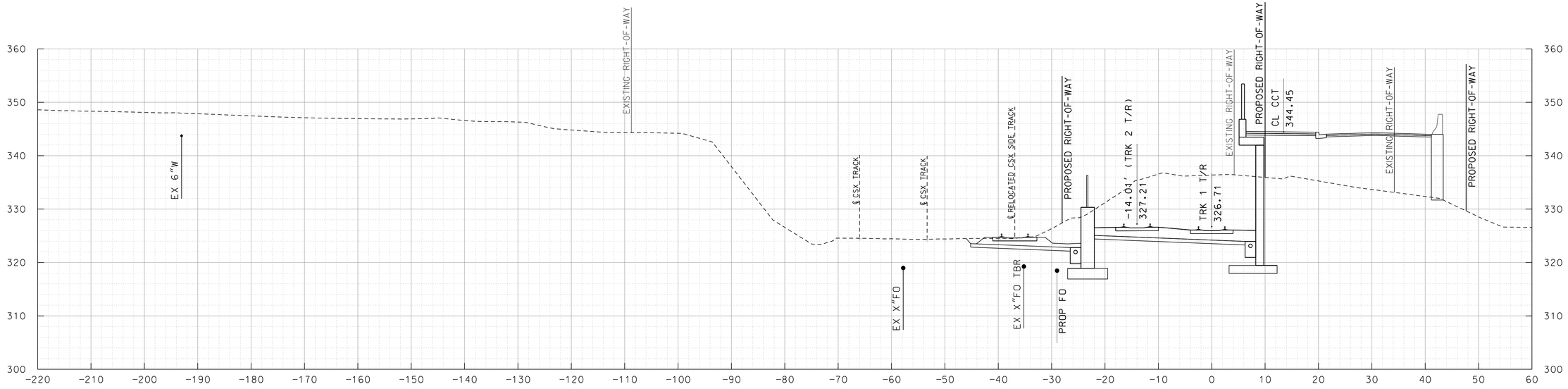
12/11/2013



TRK 1 277+00



TRK 1 276+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

PROFESSIONAL CERTIFICATION

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DESGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 276+50 TO STA TRK 1 277+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-097
SHEET NO. 106 OF 736

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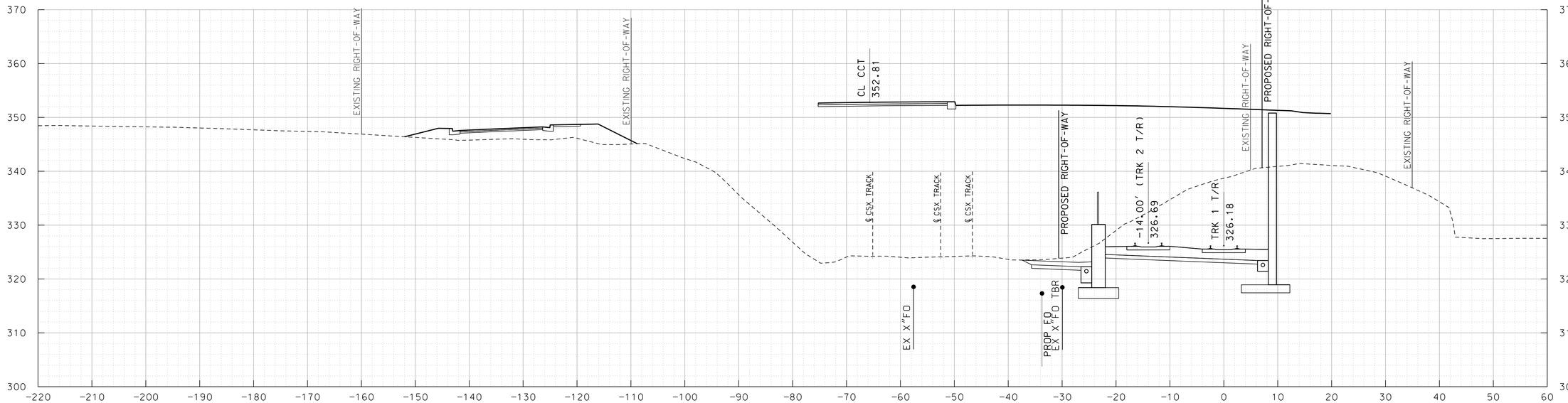
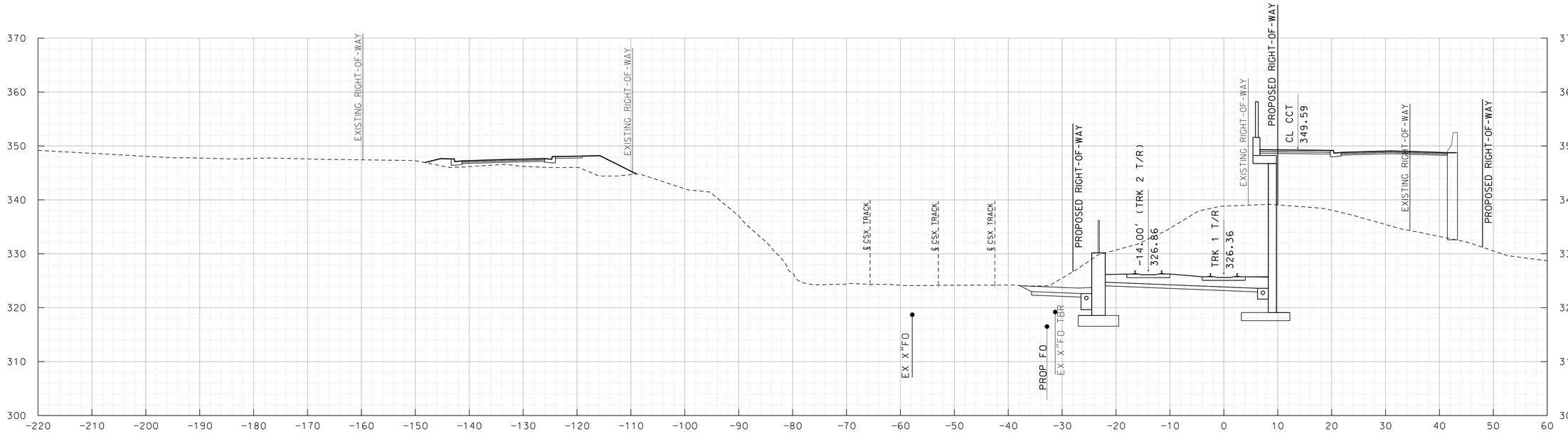
12/11/2013



TRK 1 278+00



TRK 1 277+50

10' 0 10' 20'
SCALE: 1"=10'

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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 277+50 TO STA TRK 1 278+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-098
SHEET NO. 107 OF 736

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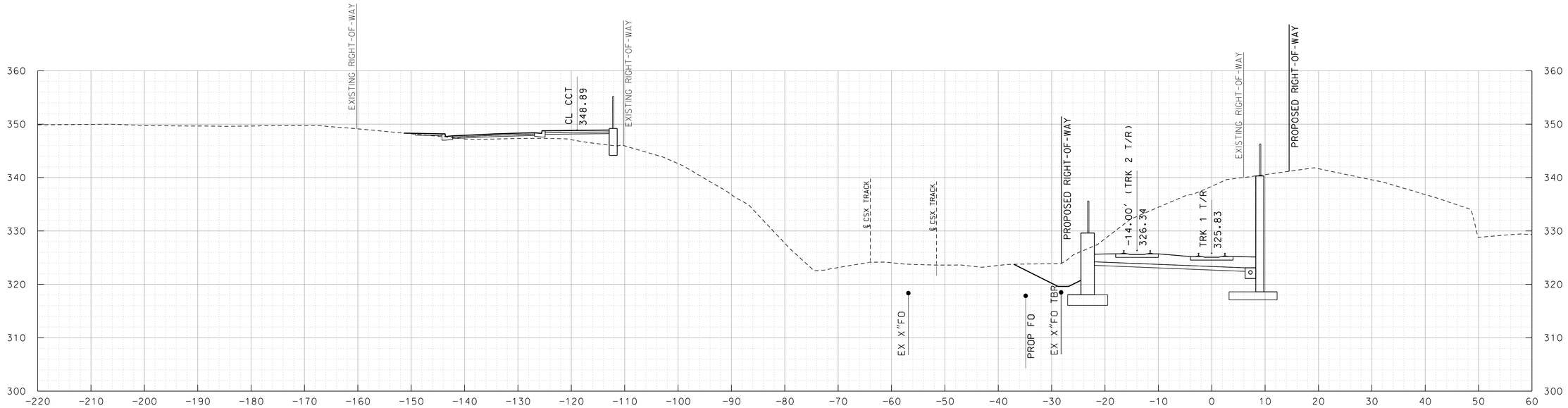
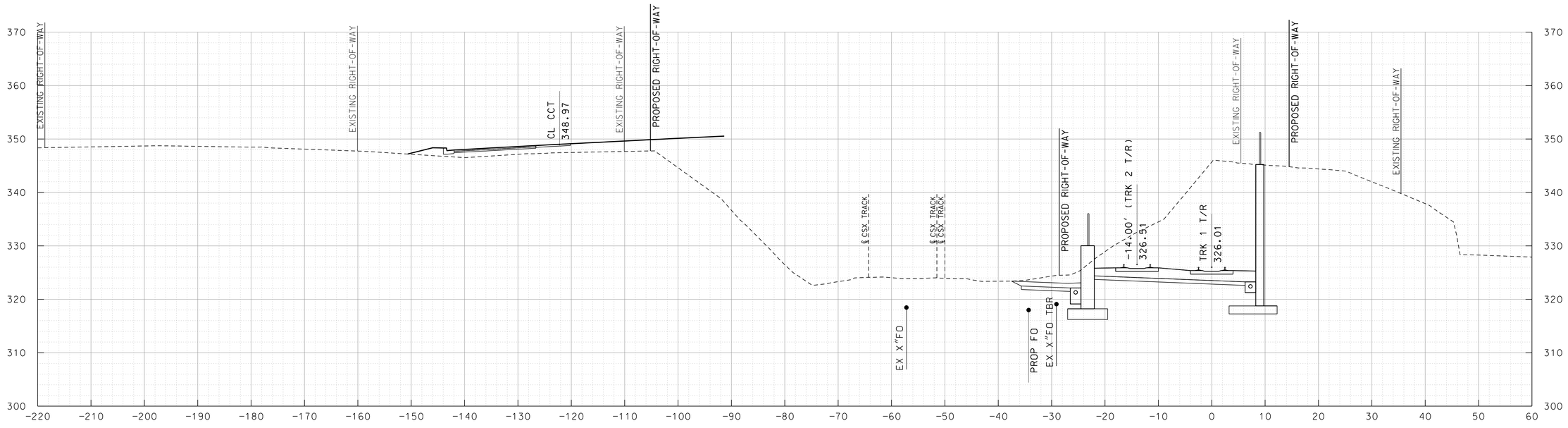


TRK 1 279+00



TRK 1 278+50

10' 0 10' 20'
SCALE: 1"=10'

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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 278+50 TO STA TRK 1 279+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-099
SHEET NO. 108 OF 736

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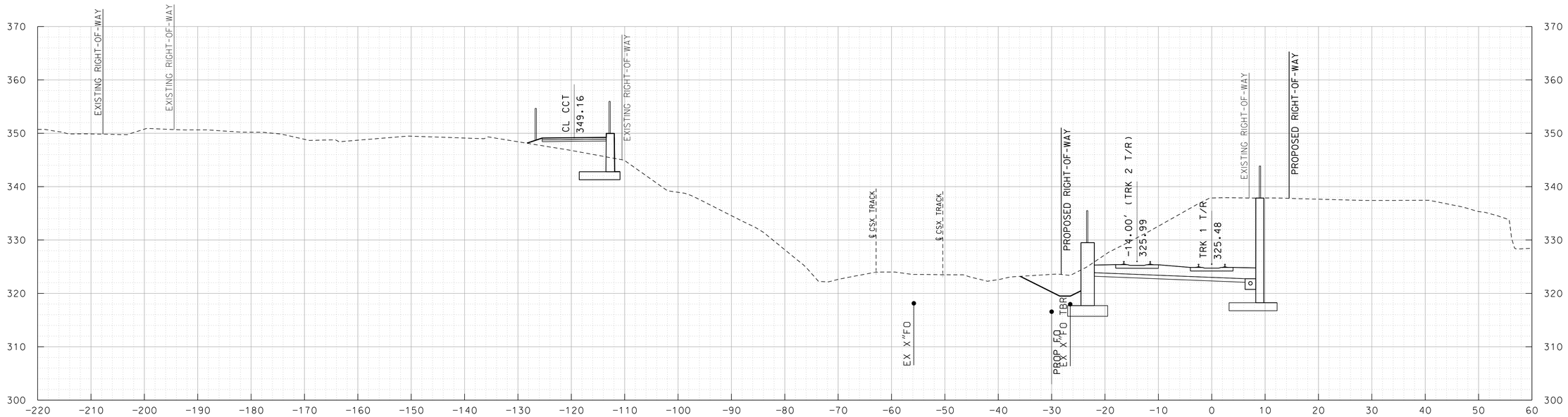
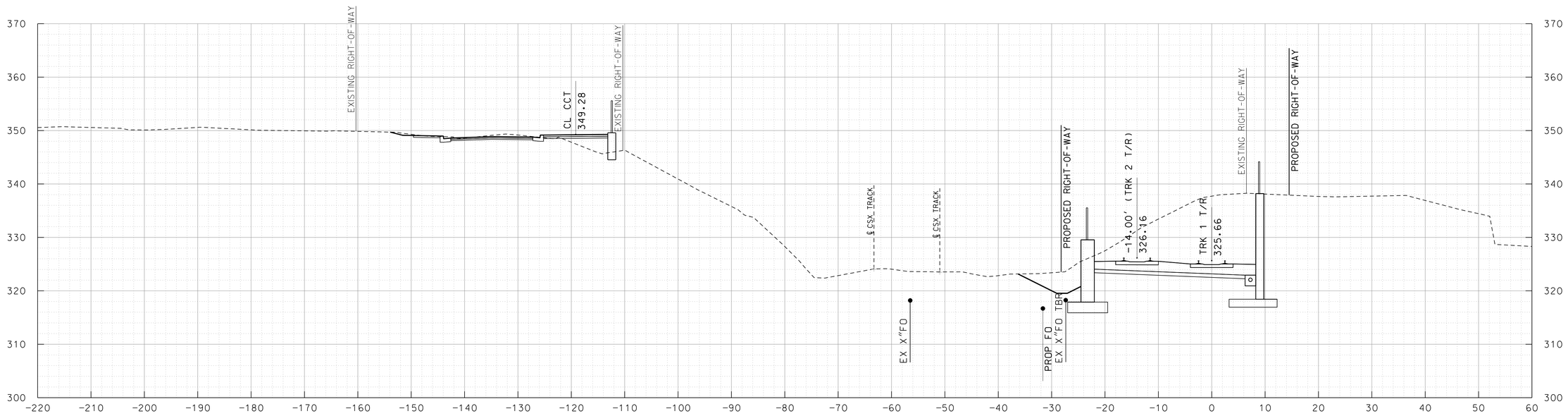


TRK 1 280+00



TRK 1 279+50

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SCALE: 1"=10'

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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 279+50 TO STA TRK 1 280+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-100
SHEET NO. 109 OF 736

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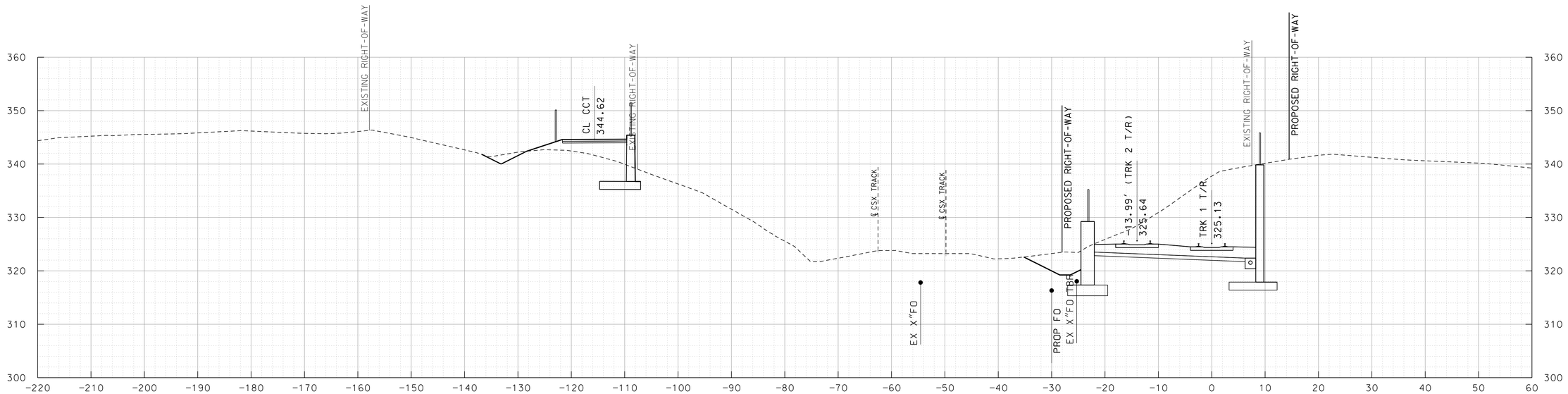
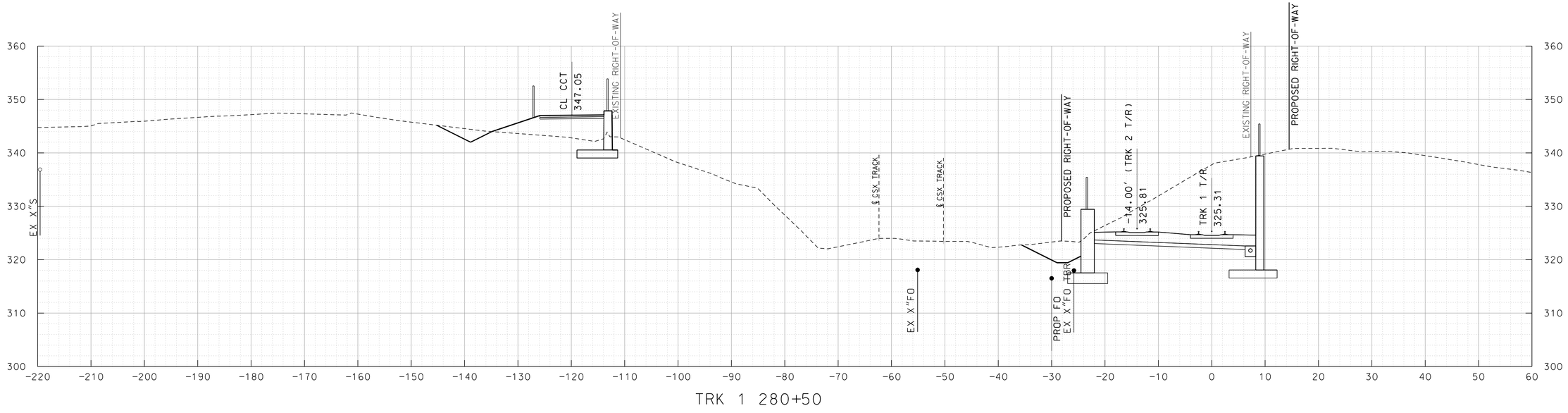
12/11/2013



TRK 1 281+00



TRK 1 280+50

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PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 280+50 TO STA TRK 1 281+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO.
T-1042-0220
DRAWING NO.
XS-101
SHEET NO.
110 OF 736

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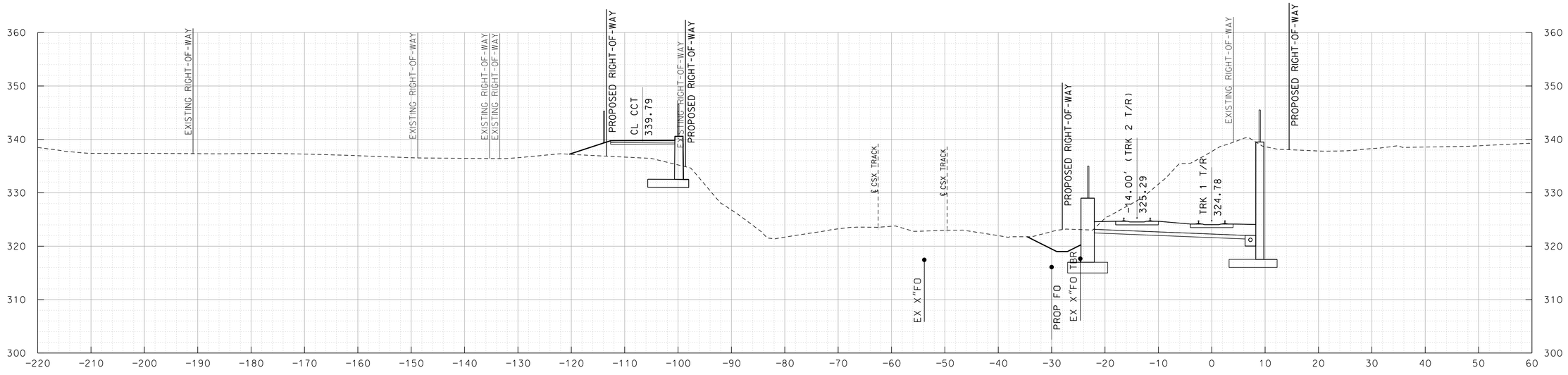
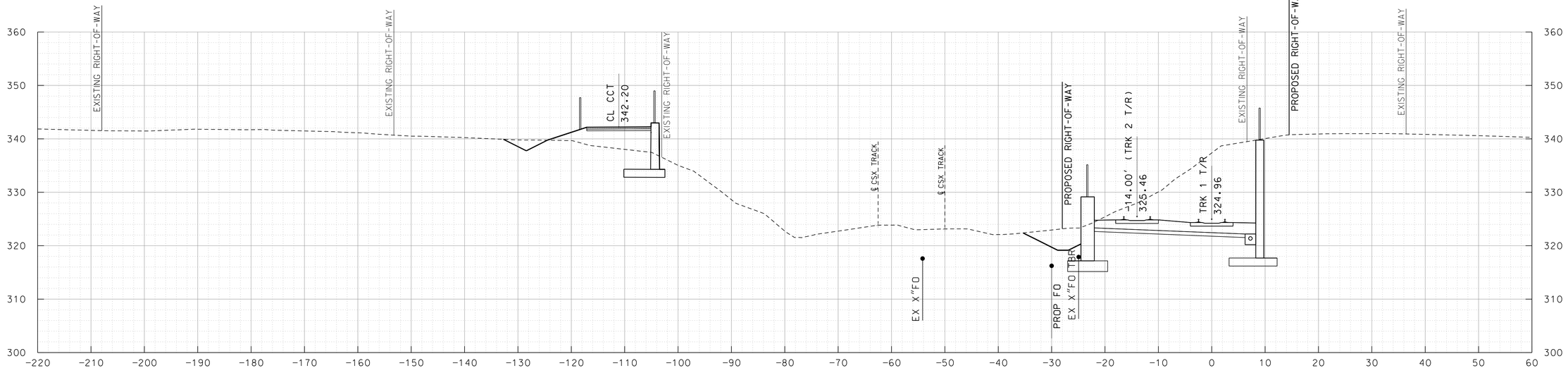
12/11/2013



TRK 1 282+00



TRK 1 281+50

10' 0 10' 20'
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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 281+50 TO STA TRK 1 282+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-102
SHEET NO. 111 OF 736

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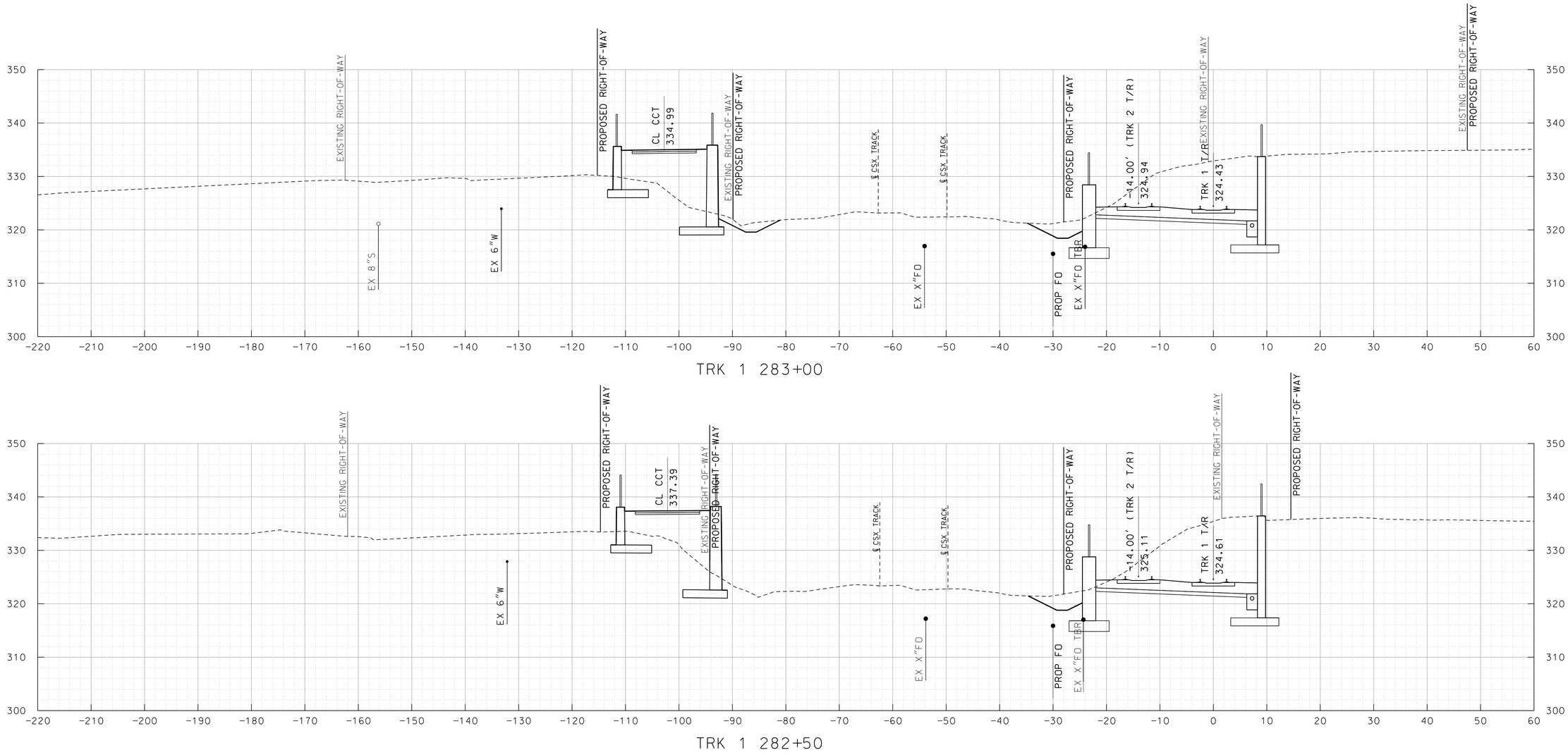

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 282+50 TO STA TRK 1 283+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-103
SHEET NO. 112 OF 736

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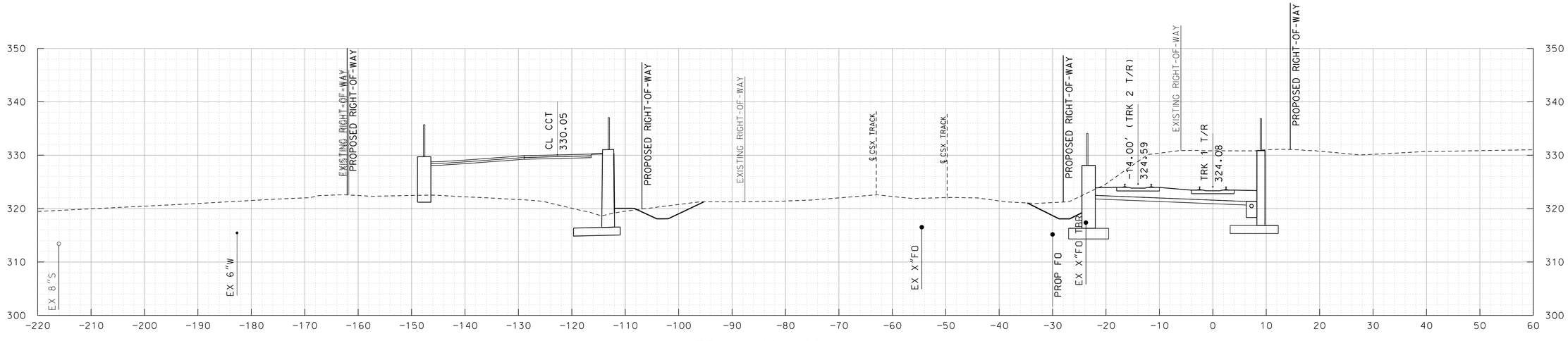
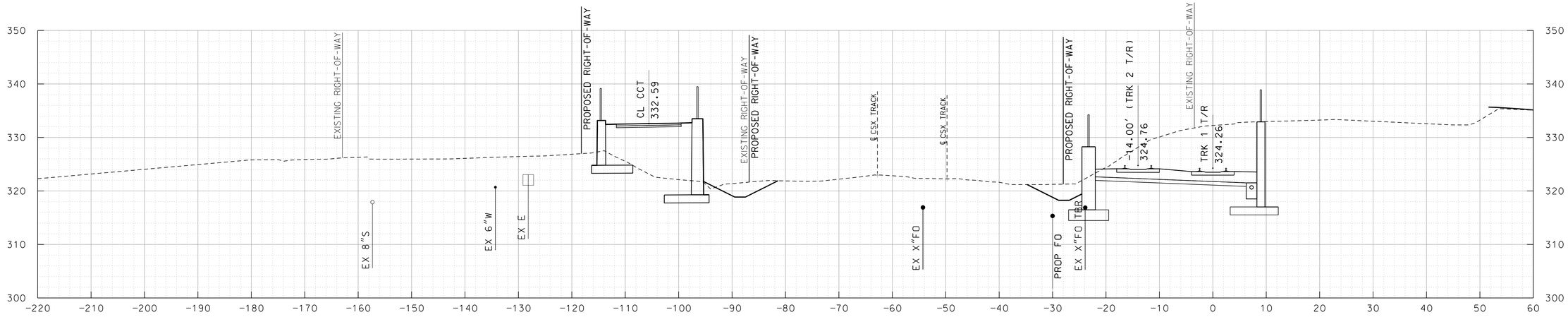
12/11/2013



TRK 1 284+00



TRK 1 283+50

10' 0 10' 20'
SCALE: 1"=10'

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PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 283+50 TO STA TRK 1 284+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-104
SHEET NO. 113 OF 736

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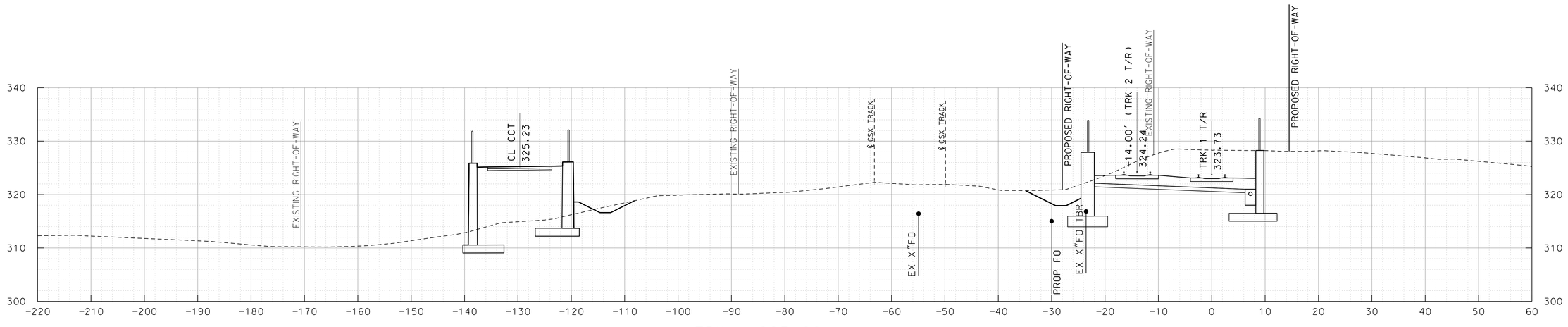
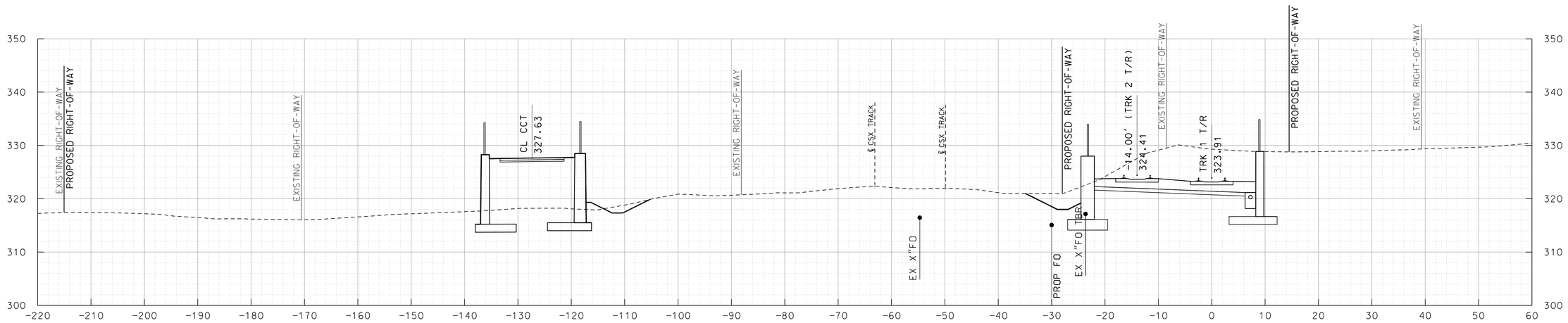
12/11/2013



TRK 1 285+00



TRK 1 284+50

10' 0 10' 20'
SCALE: 1"=10'

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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 284+50 TO STA TRK 1 285+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-105
SHEET NO. 114 OF 736

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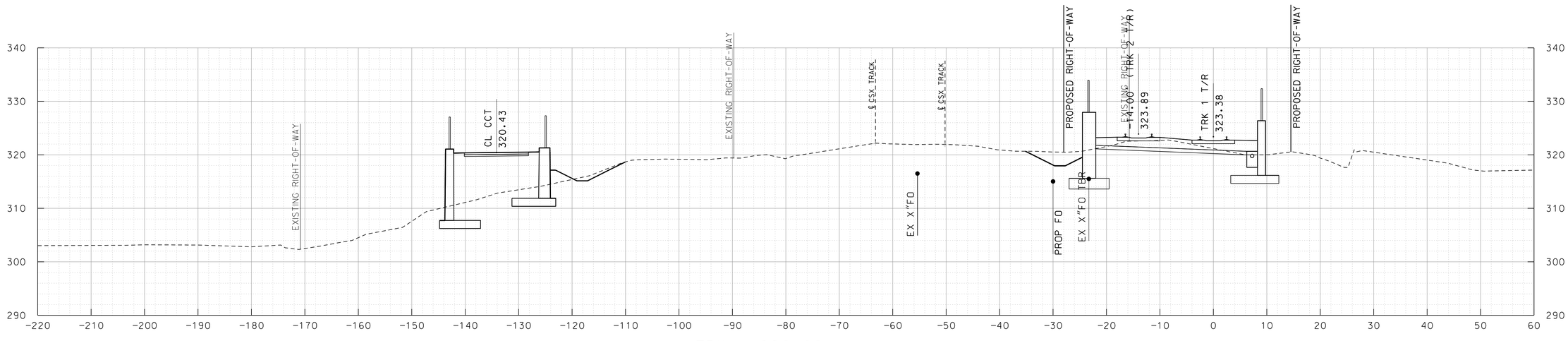
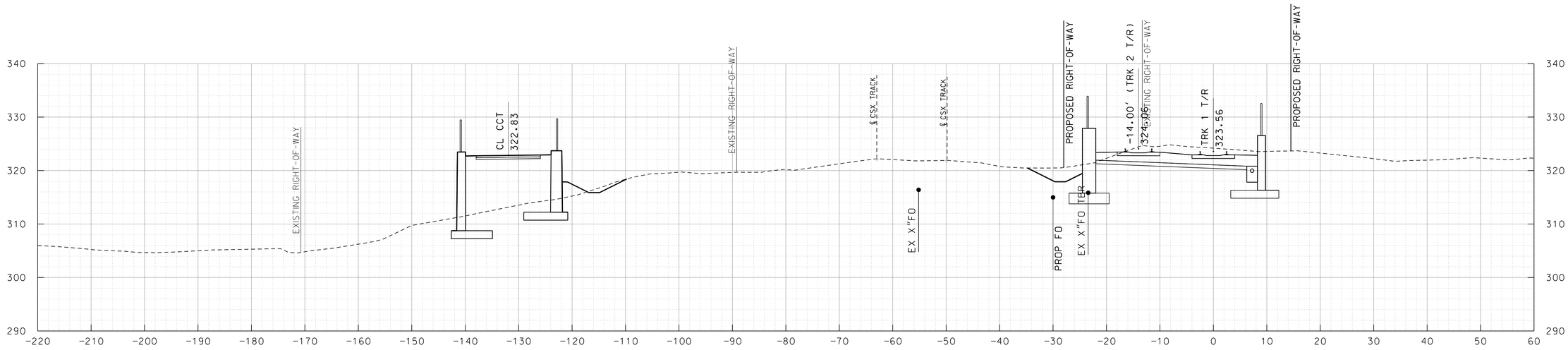
12/11/2013



TRK 1 286+00



TRK 1 285+50

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 285+50 TO STA TRK 1 286+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-106
SHEET NO. 115 OF 736

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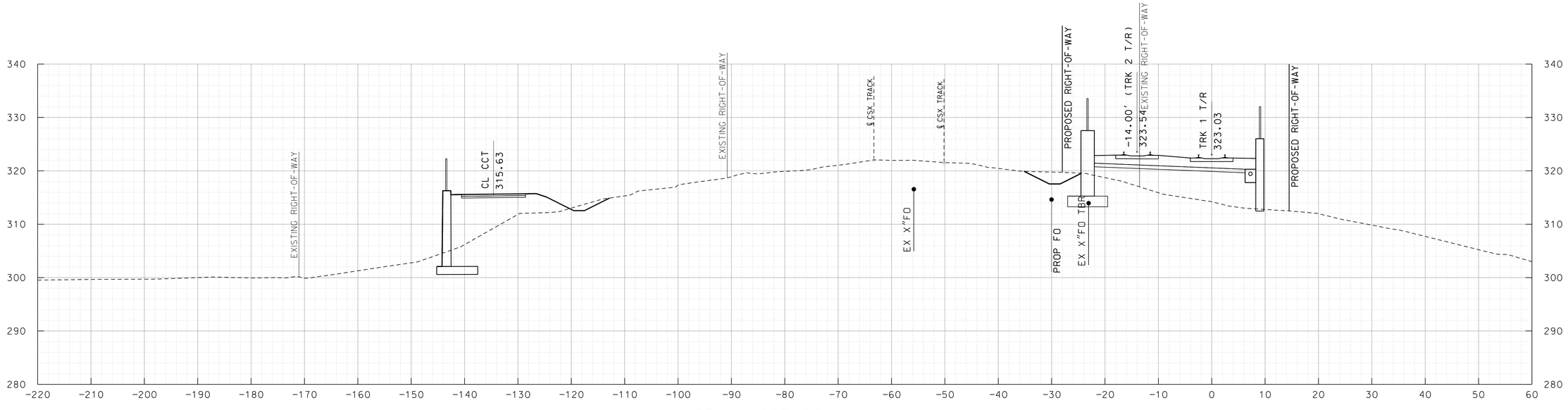
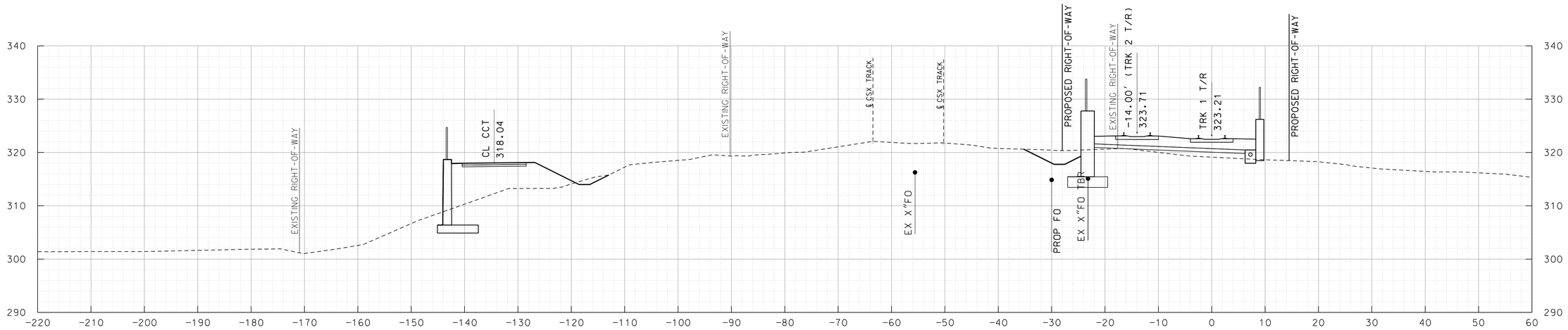


TRK 1 287+00



TRK 1 286+50

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CROSS SECTIONS
STA TRK 1 286+50 TO STA TRK 1 287+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-107
SHEET NO. 116 OF 736

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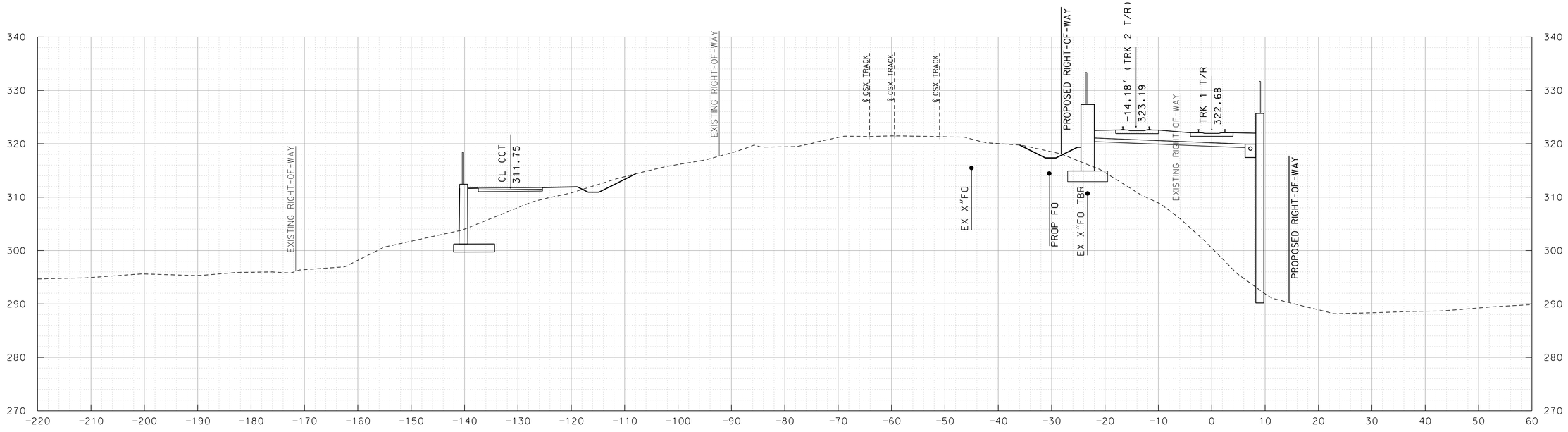
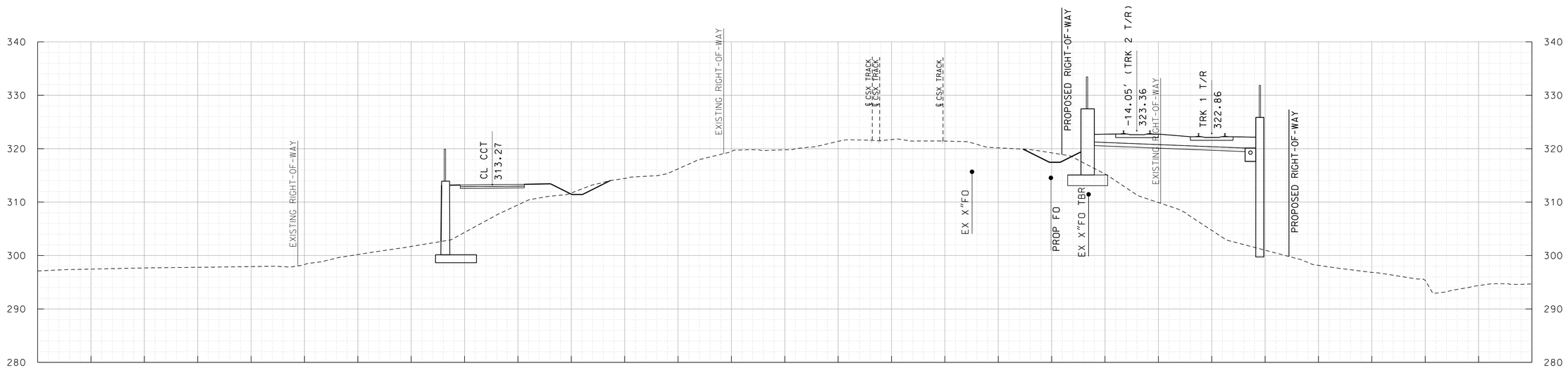


TRK 1 288+00



TRK 1 287+50

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PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 287+50 TO STA TRK 1 288+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-108
SHEET NO. 117 OF 736

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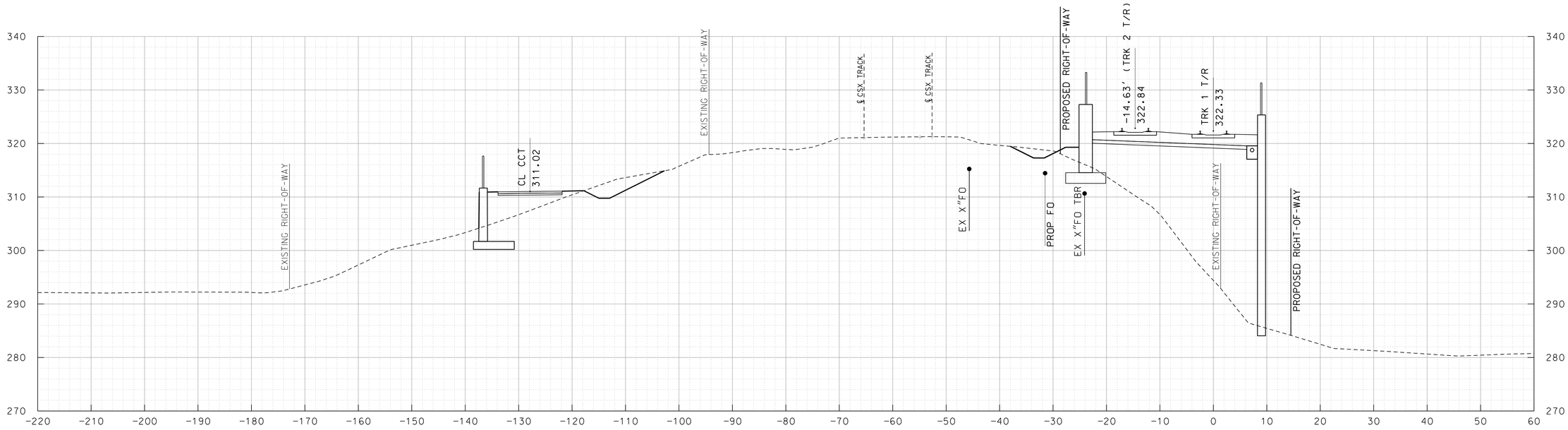
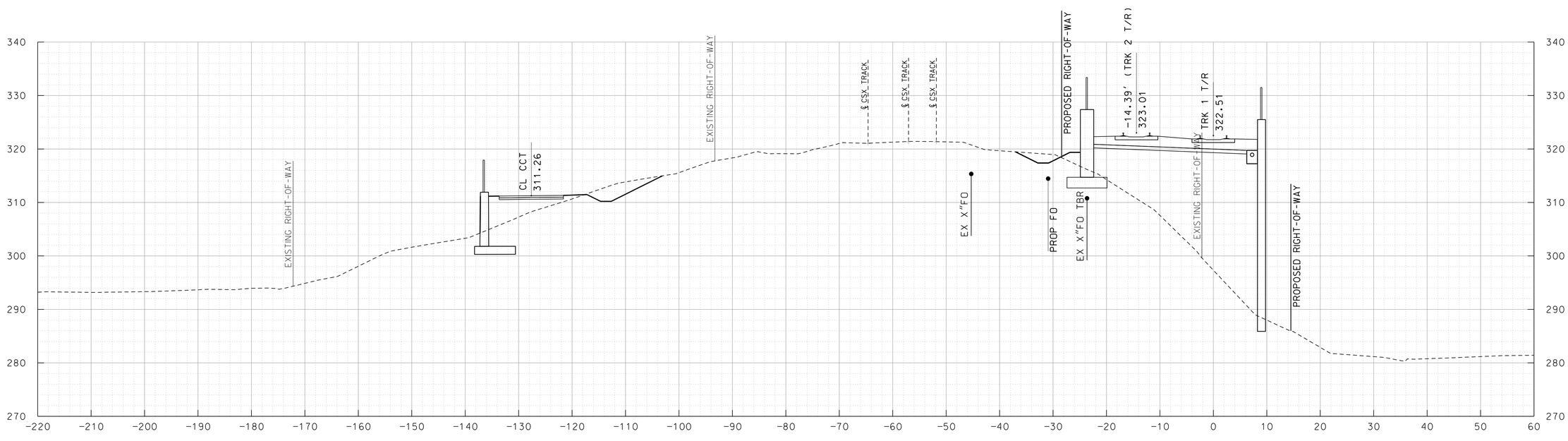


TRK 1 289+00



TRK 1 288+50

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CROSS SECTIONS
STA TRK 1 288+50 TO STA TRK 1 289+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-109
SHEET NO. 118 OF 736

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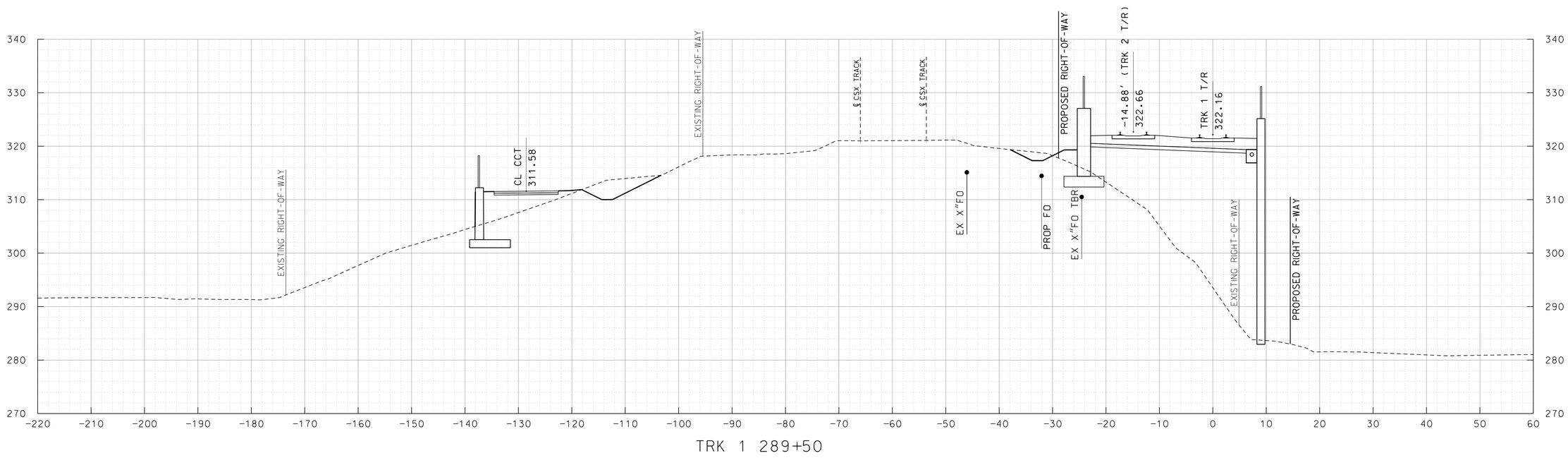
12/11/2013



10′ 0 10′ 20′
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PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 289+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-110
SHEET NO. 119 OF 736

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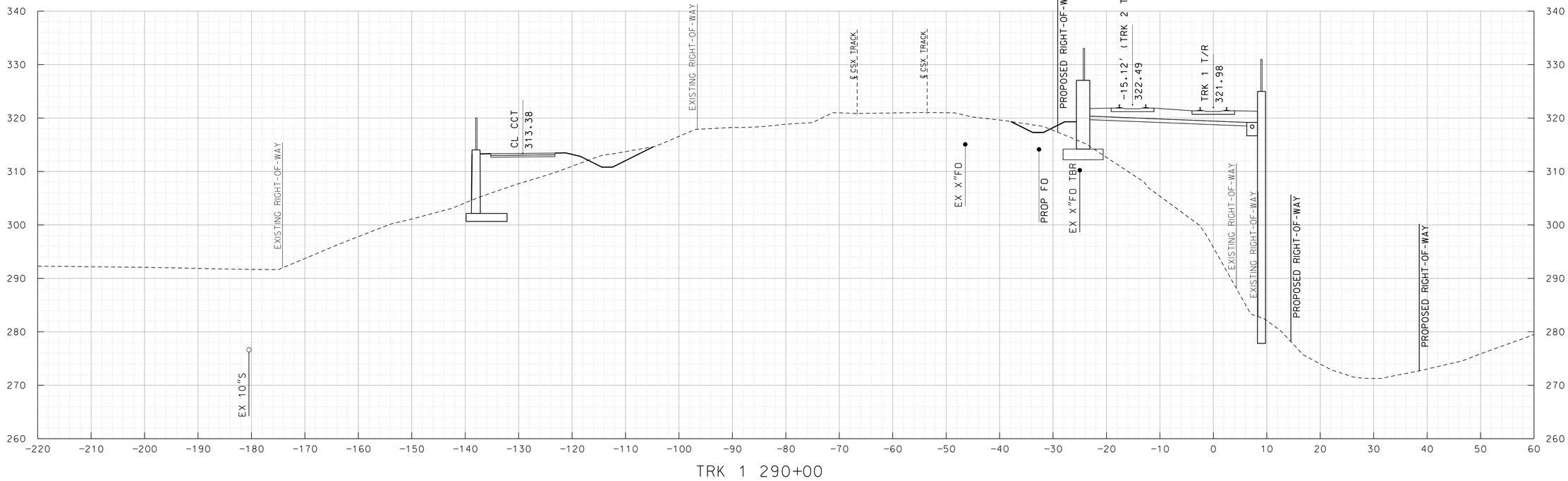
12/11/2013



10' 0 10' 20'

SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

PROFESSIONAL CERTIFICATION

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 290+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-111

SHEET NO. 120 OF 736

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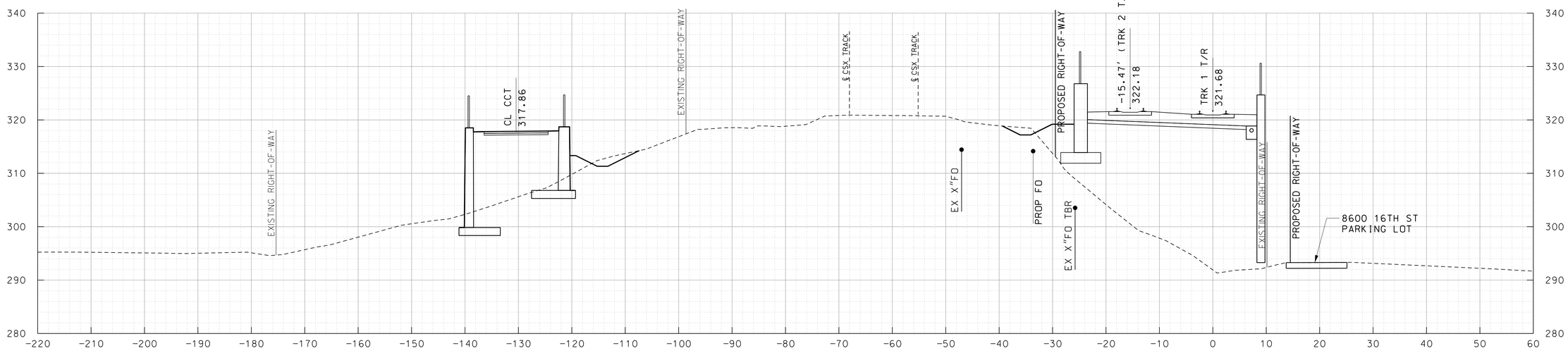
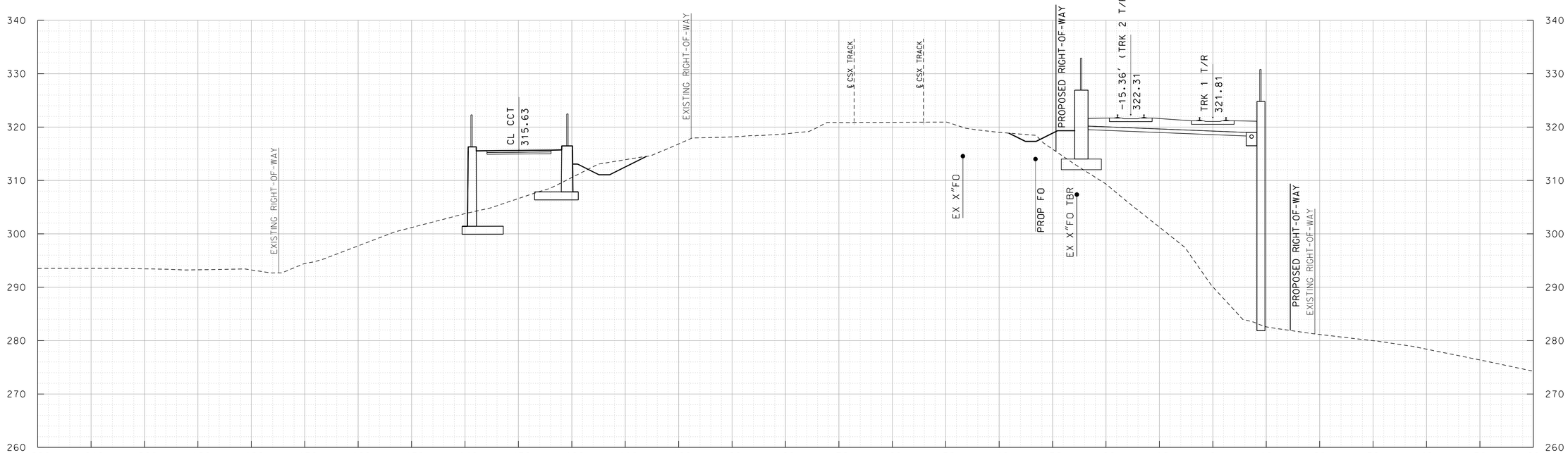
12/11/2013



TRK 1 291+00



TRK 1 290+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

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DESGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 290+50 TO STA TRK 1 291+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-112
SHEET NO. 121 OF 736

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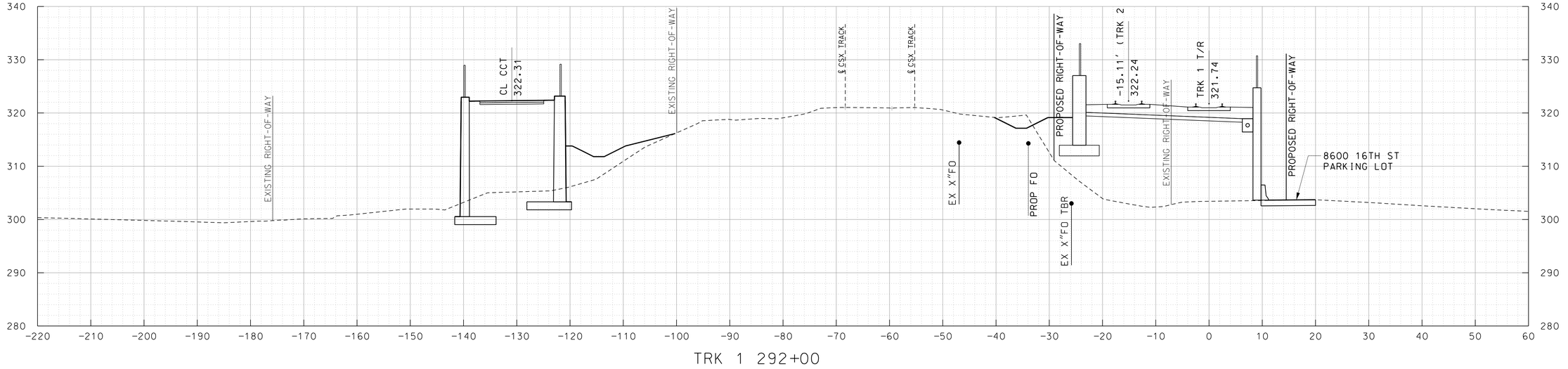
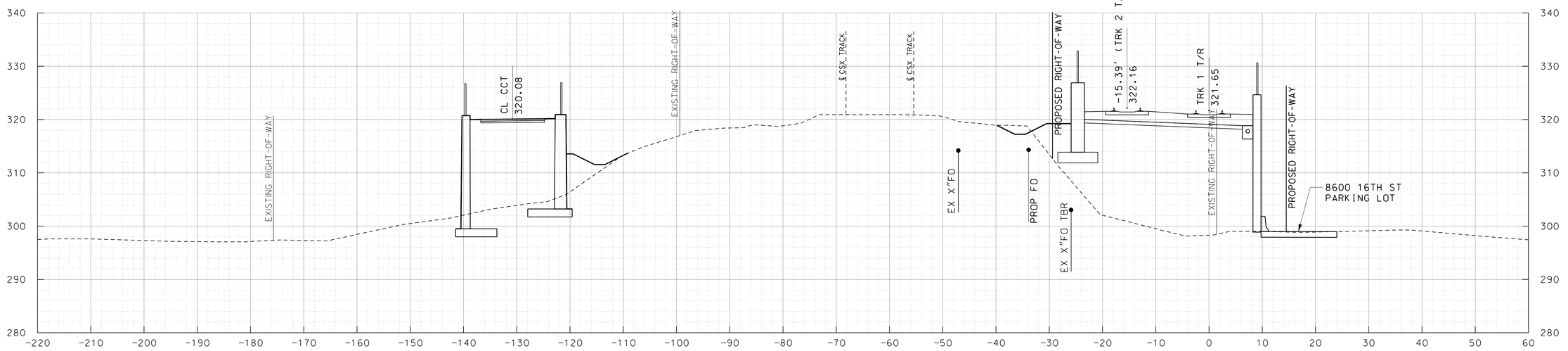
12/11/2013



TRK 1 292+00



TRK 1 291+50

10' 0 10' 20'

SCALE: 1"=10'

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Gannett Fleming — WR&A

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DESIGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 291+50 TO STA TRK 1 292+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-113

SHEET NO. 122 OF 736

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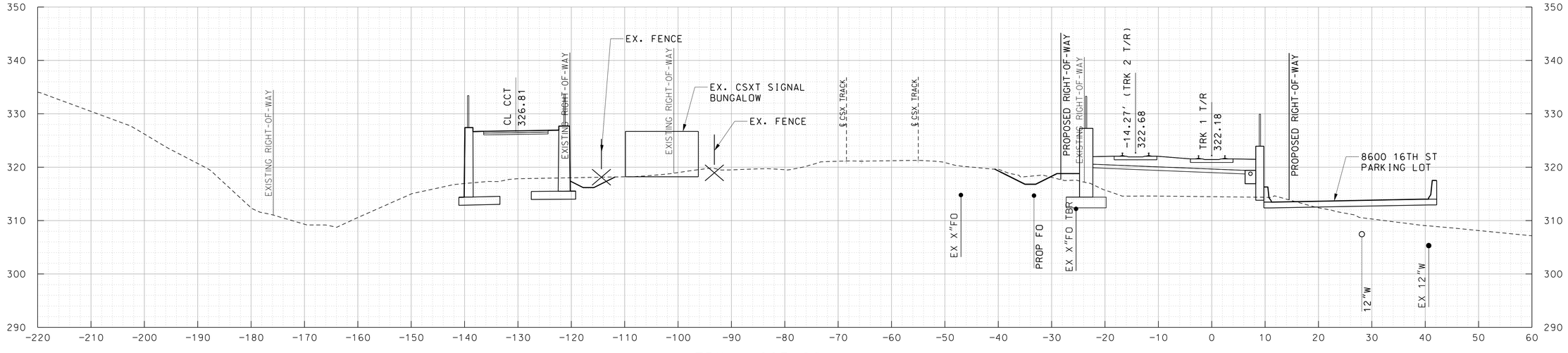
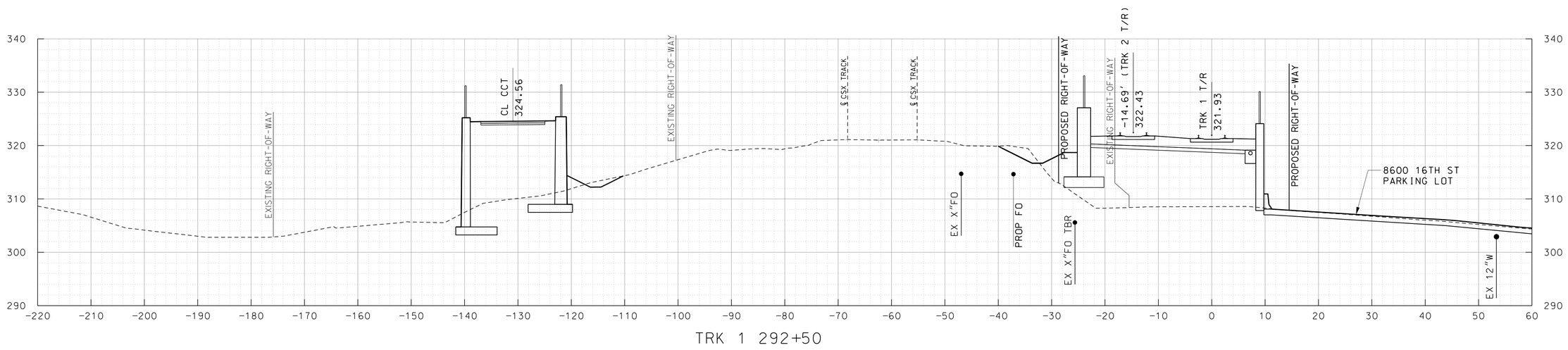
12/11/2013





10' 0 10' 20'
SCALE: 1"=10'

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DESGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 292+50 TO STA TRK 1 293+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-114
SHEET NO. 123 OF 736

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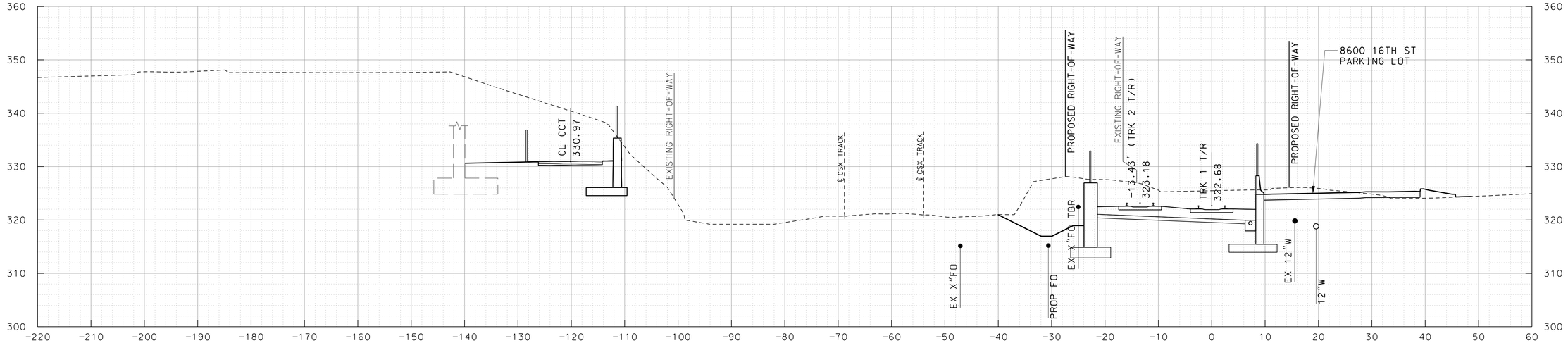
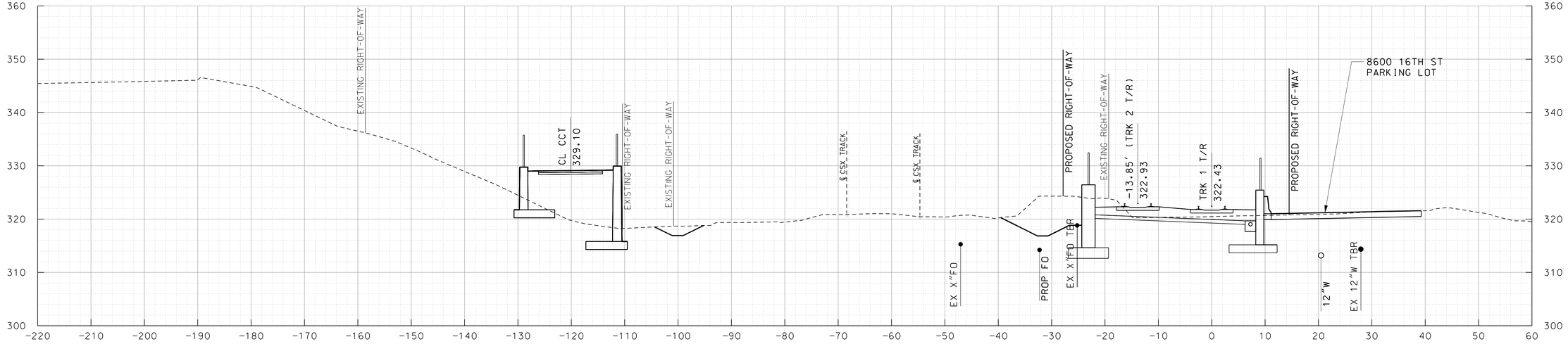
12/11/2013



TRK 1 294+00



TRK 1 293+50

10' 0 10' 20'
SCALE: 1"=10'

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MTA Maryland

Gannett Fleming
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DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 293+50 TO STA TRK 1 294+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-115
SHEET NO. 124 OF 736

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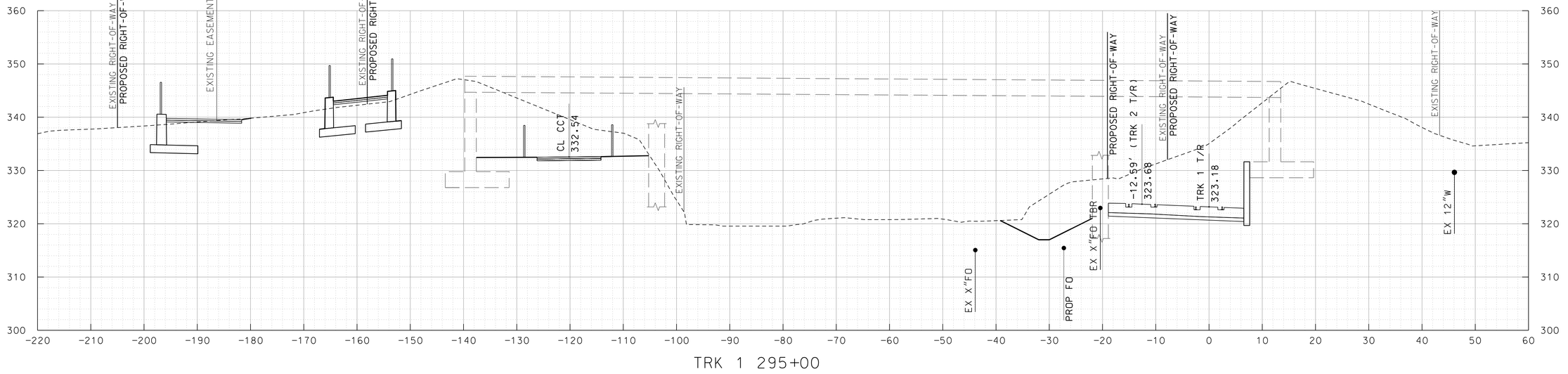
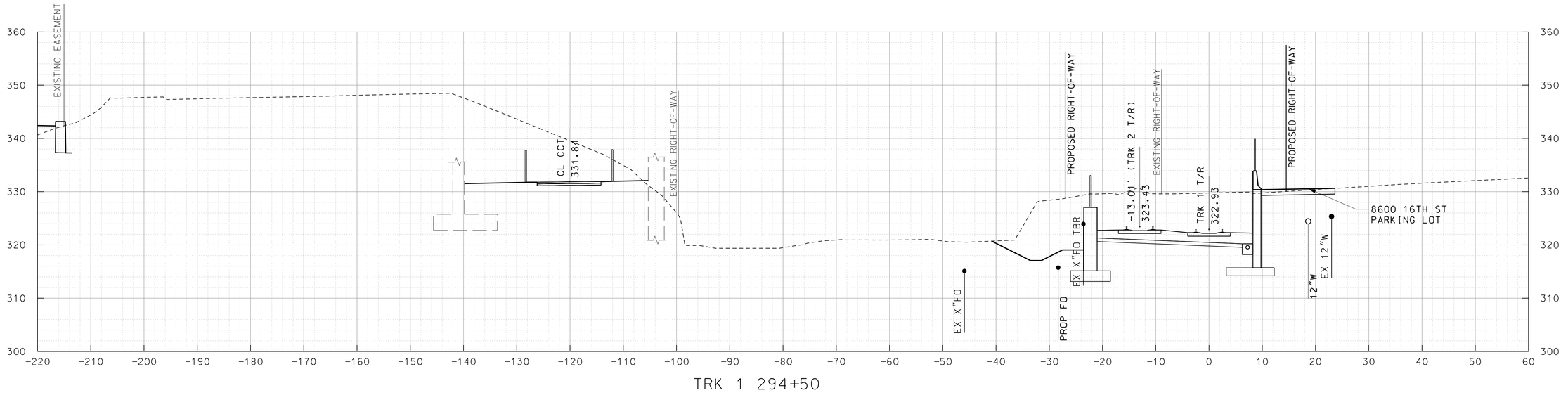
12/11/2013



TRK 1 295+00



TRK 1 294+50

10' 0 10' 20'
SCALE: 1"=10'

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 294+50 TO STA TRK 1 295+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-116
SHEET NO. 125 OF 736

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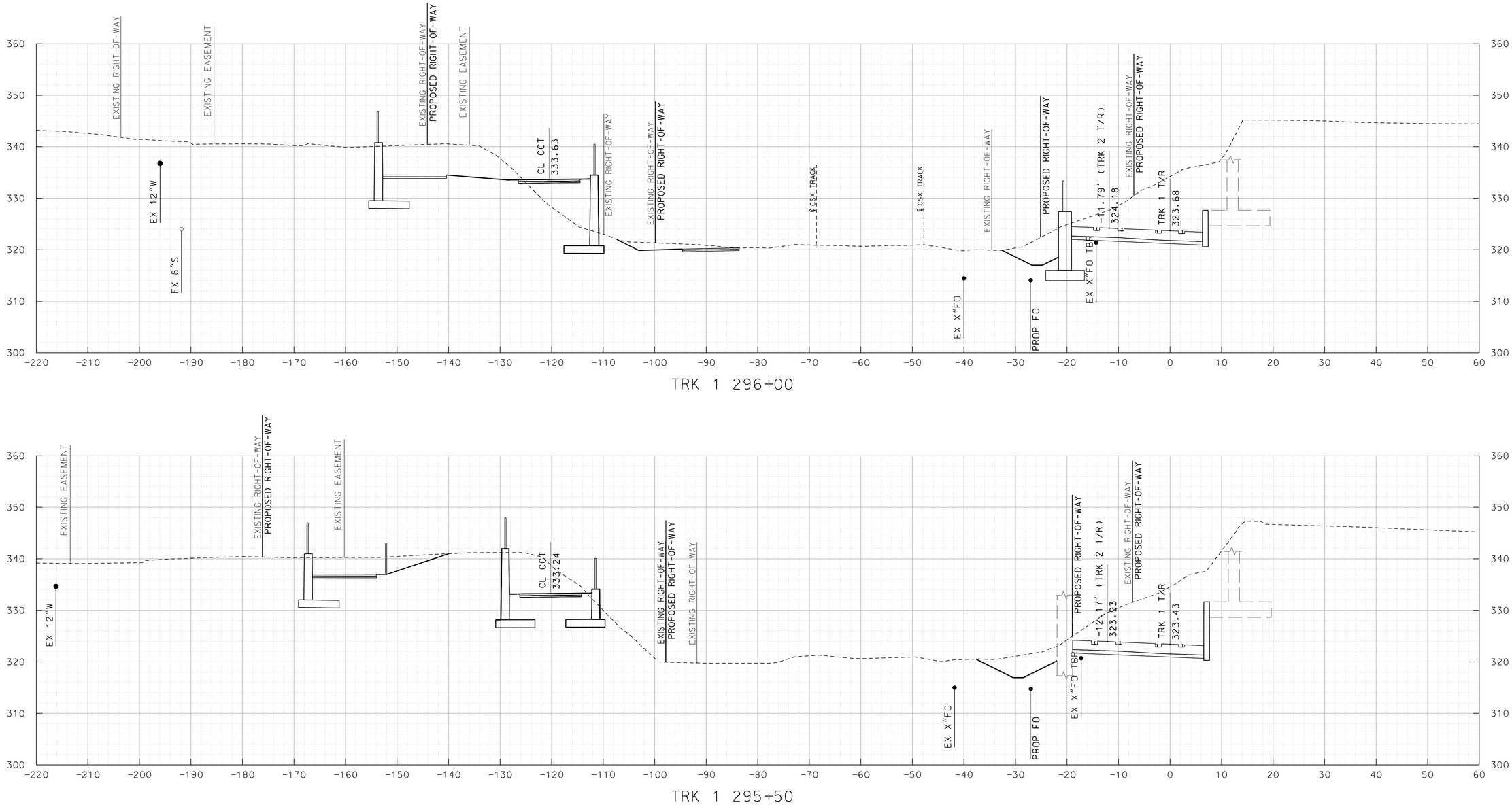
12/11/2013



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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 295+50 TO STA TRK 1 296+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T–1042–0220
DRAWING NO. XS–117
SHEET NO. 126 OF 736

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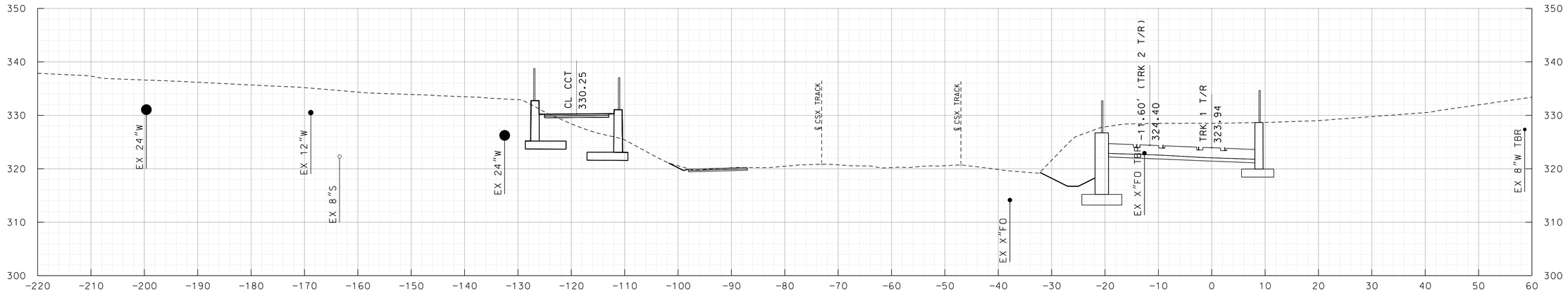
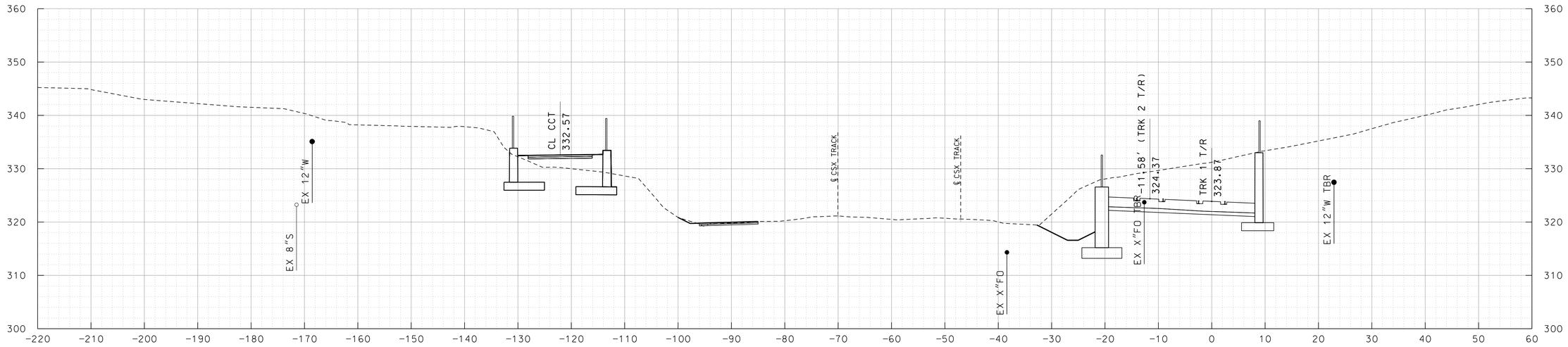
12/11/2013



TRK 1 297+00



TRK 1 296+50

10' 0 10' 20'

SCALE: 1"=10'

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DESIGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 296+50 TO STA TRK 1 297+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-118

SHEET NO. 127 OF 736

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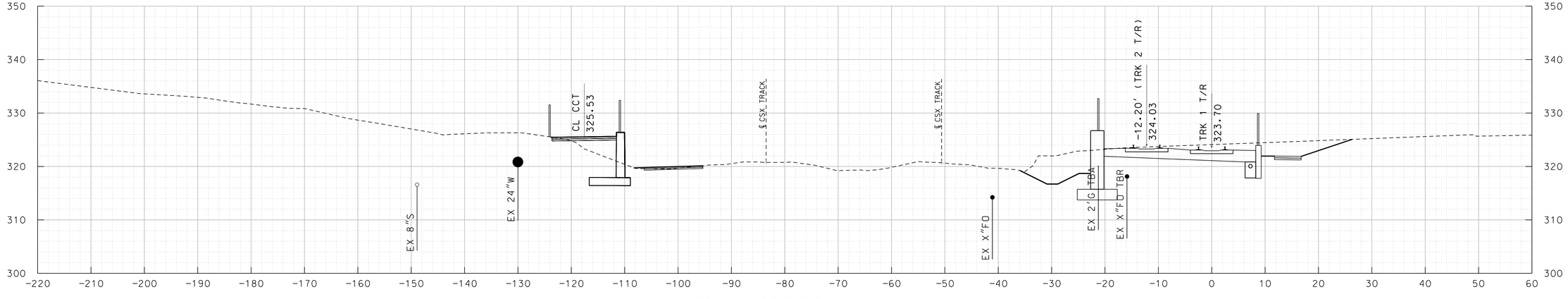
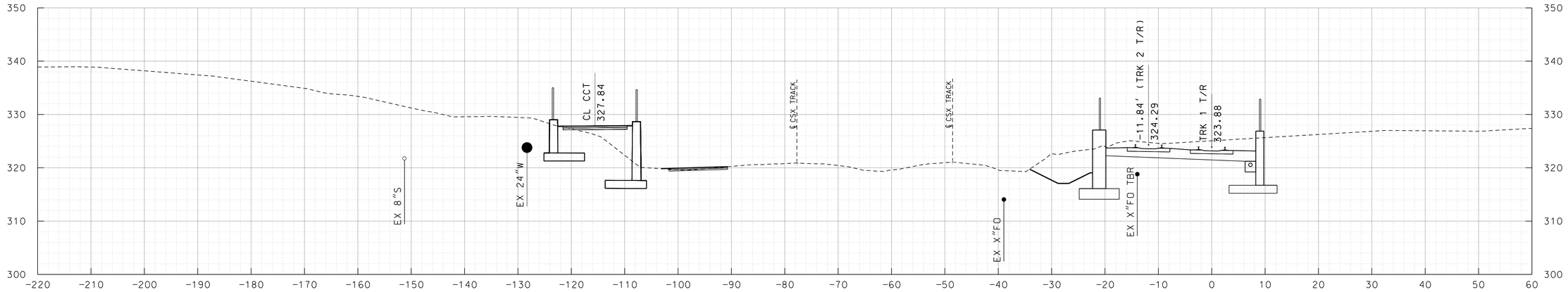
12/11/2013



TRK 1 298+00



TRK 1 297+50

10' 0 10' 20'
SCALE: 1"=10'

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 297+50 TO STA TRK 1 298+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-119
SHEET NO. 128 OF 736

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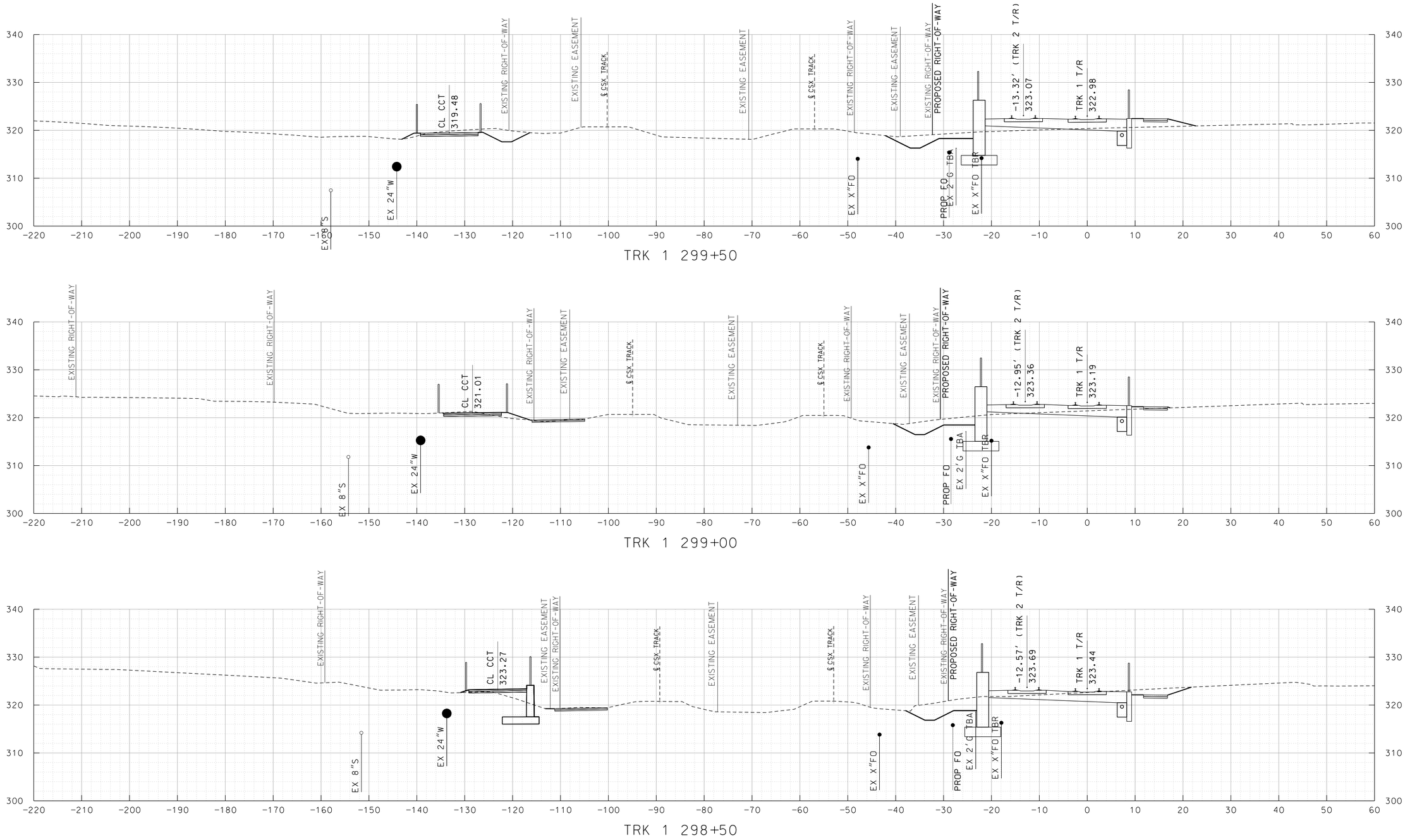
12/11/2013



10' 0 10' 20'
SCALE: 1"=10'

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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 298+50 TO STA TRK 1 299+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-120
SHEET NO. 129 OF 736

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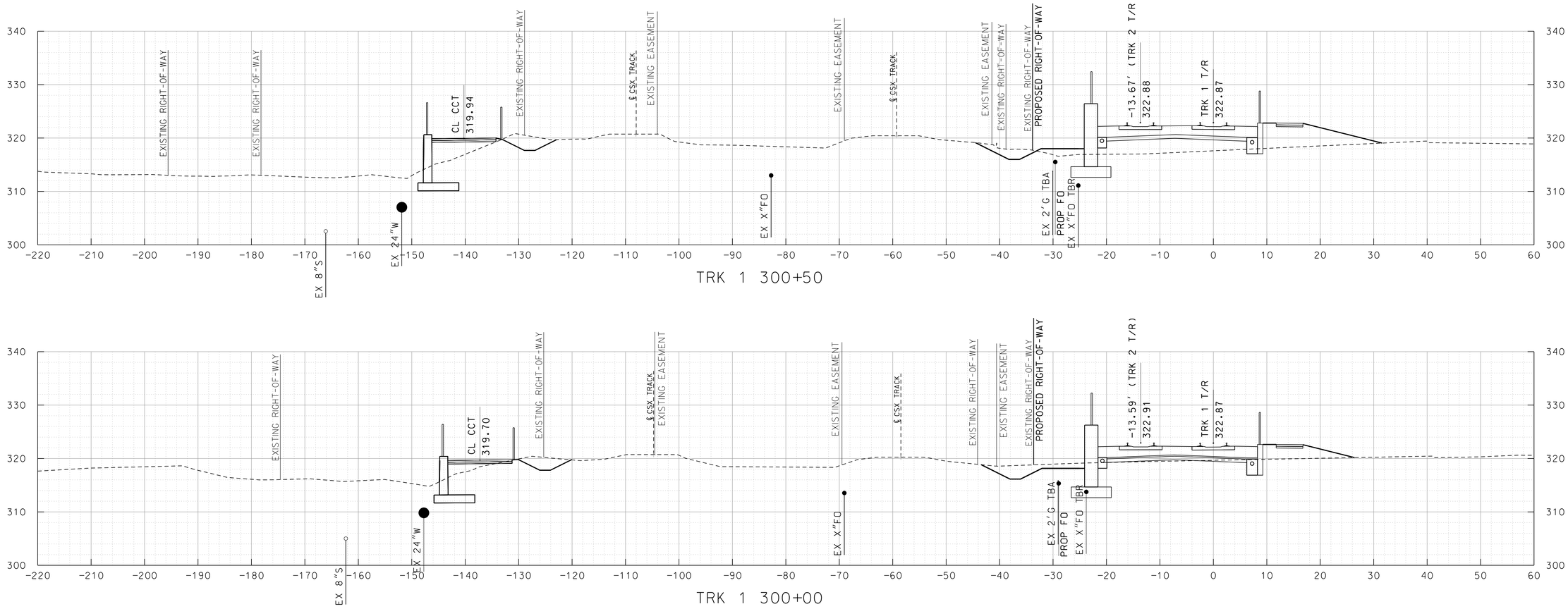
12/11/2013



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DESIGN
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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 300+00 TO STA TRK 1 300+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-121
SHEET NO. 130 OF 736

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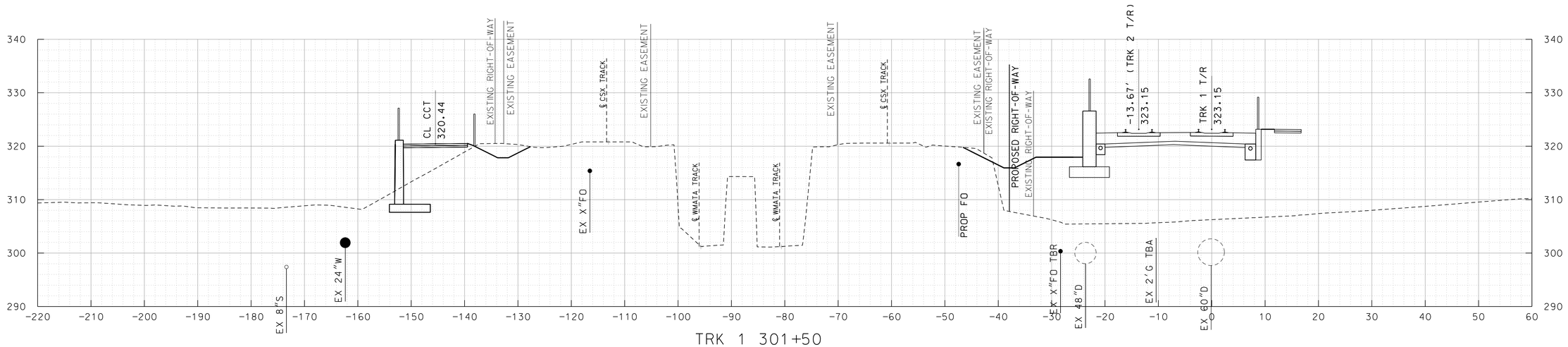
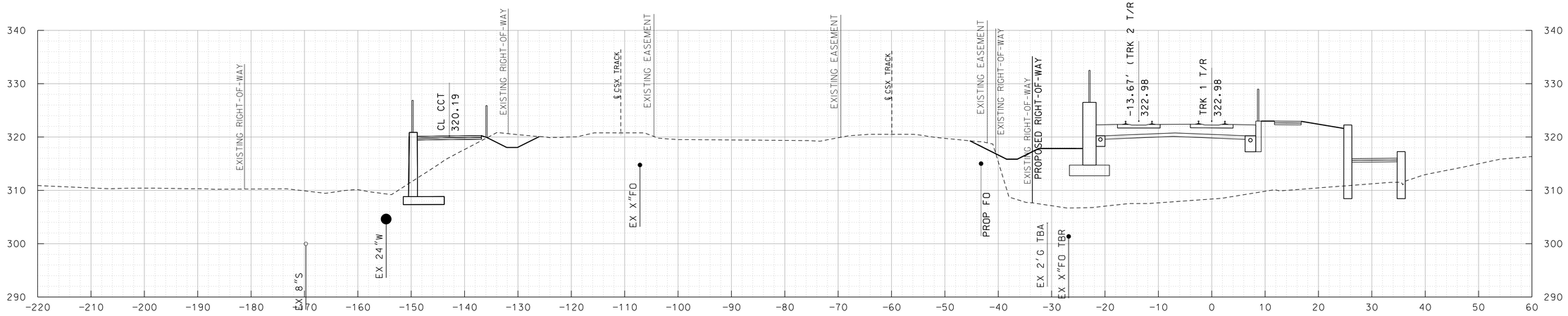
12/11/2013



TRK 1 301+50



TRK 1 301+00

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
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MTA Maryland

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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 301+00 TO STA TRK 1 301+50
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-122
SHEET NO. 131 OF 736

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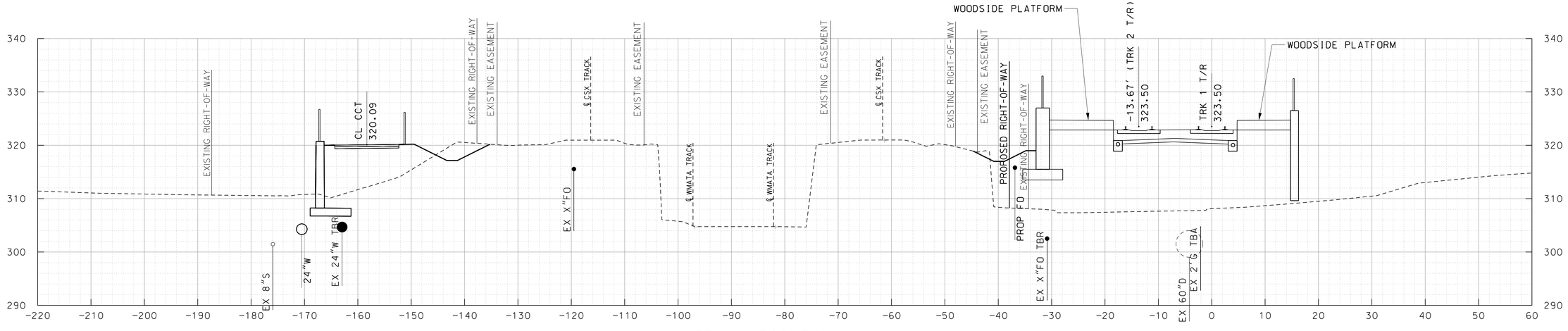
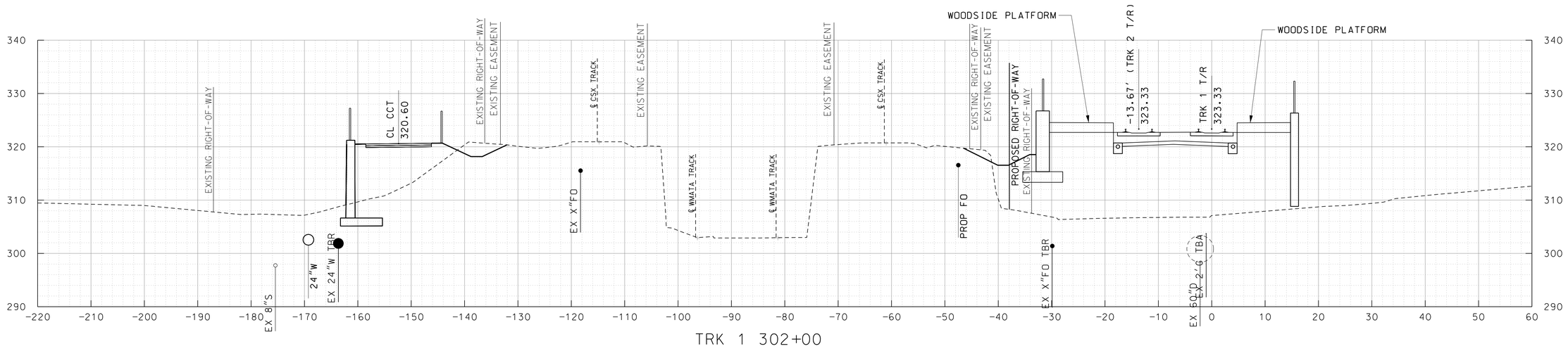
12/11/2013



TRK 1 302+50



TRK 1 302+00

10' 0 10' 20'
SCALE: 1"=10'

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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 302+00 TO STA TRK 1 302+50
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-123
SHEET NO. 132 OF 736

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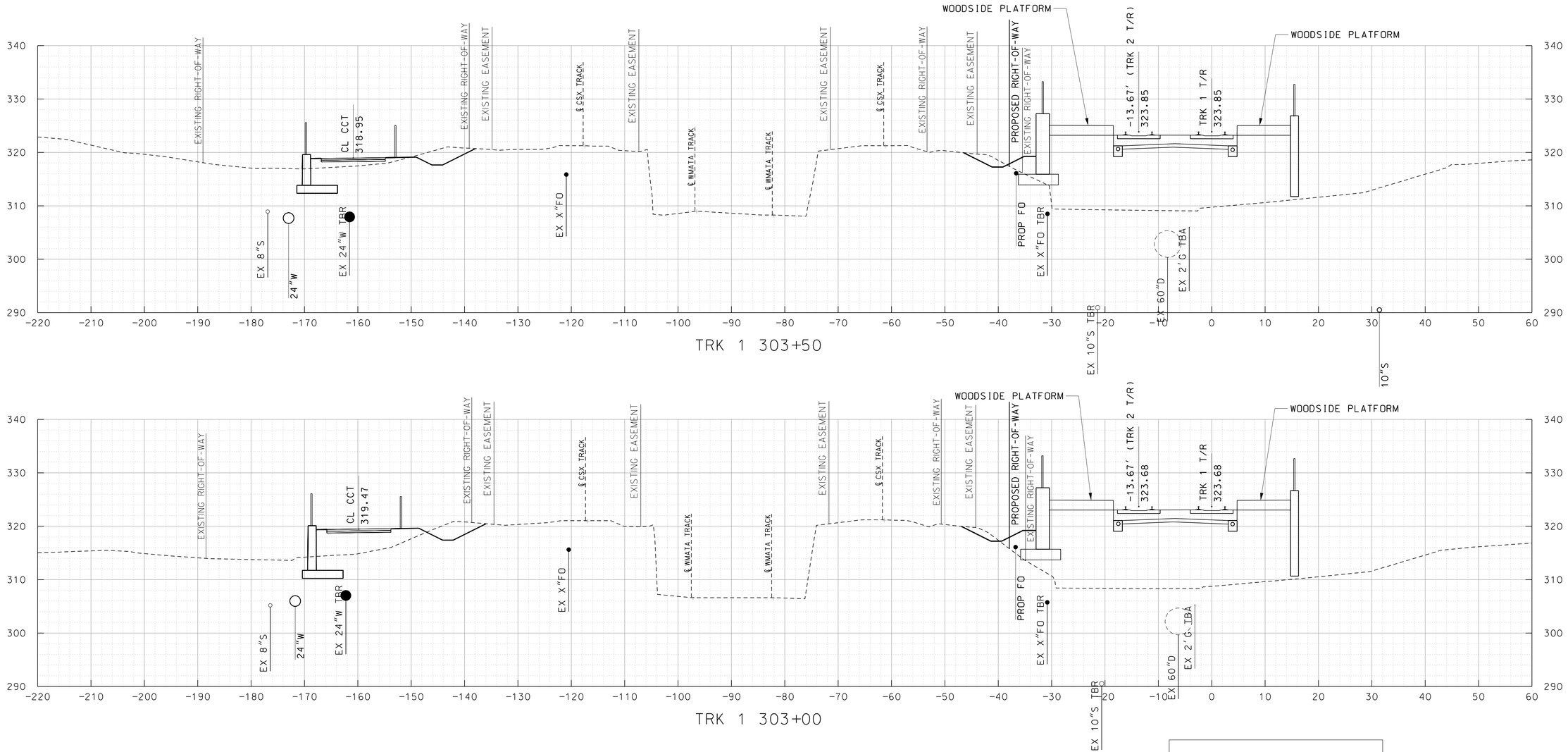
12/11/2013



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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 303+00 TO STA TRK 1 303+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-124
SHEET NO. 133 OF 736

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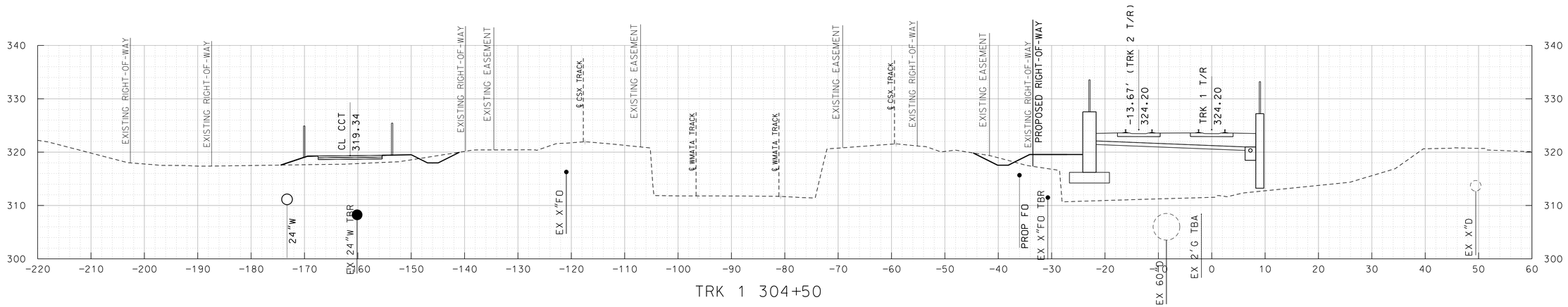
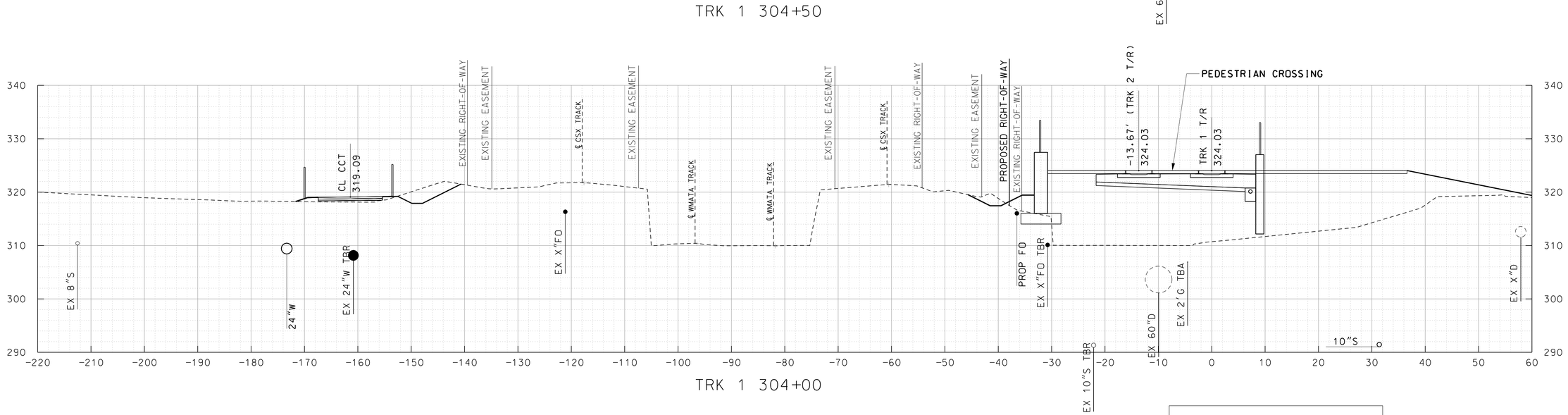
12/11/2013





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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 304+00 TO STA TRK 1 304+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-125
SHEET NO. 134 OF 736

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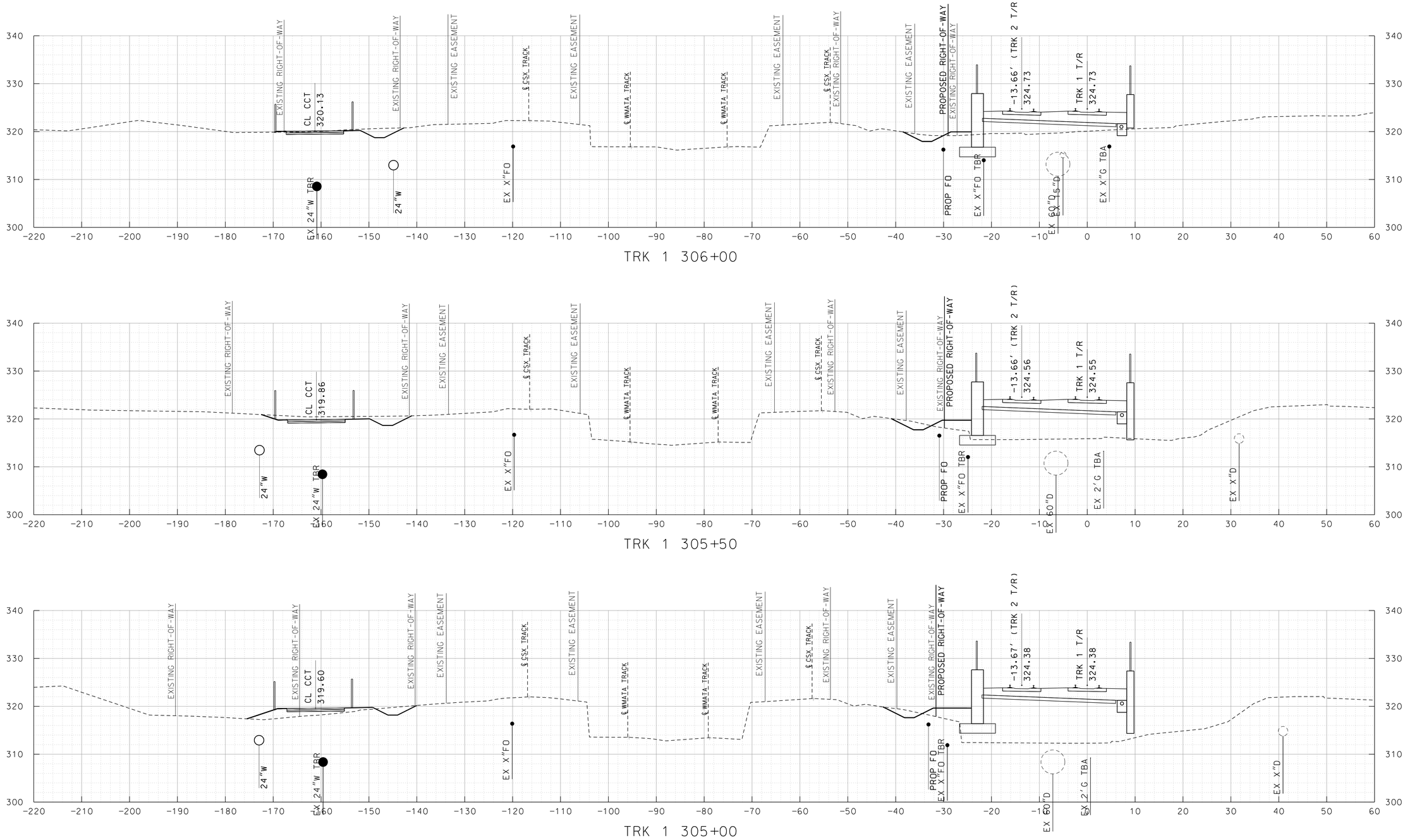
12/11/2013



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 503+50 TO STA TRK 1 504+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-126
SHEET NO. 135 OF 736

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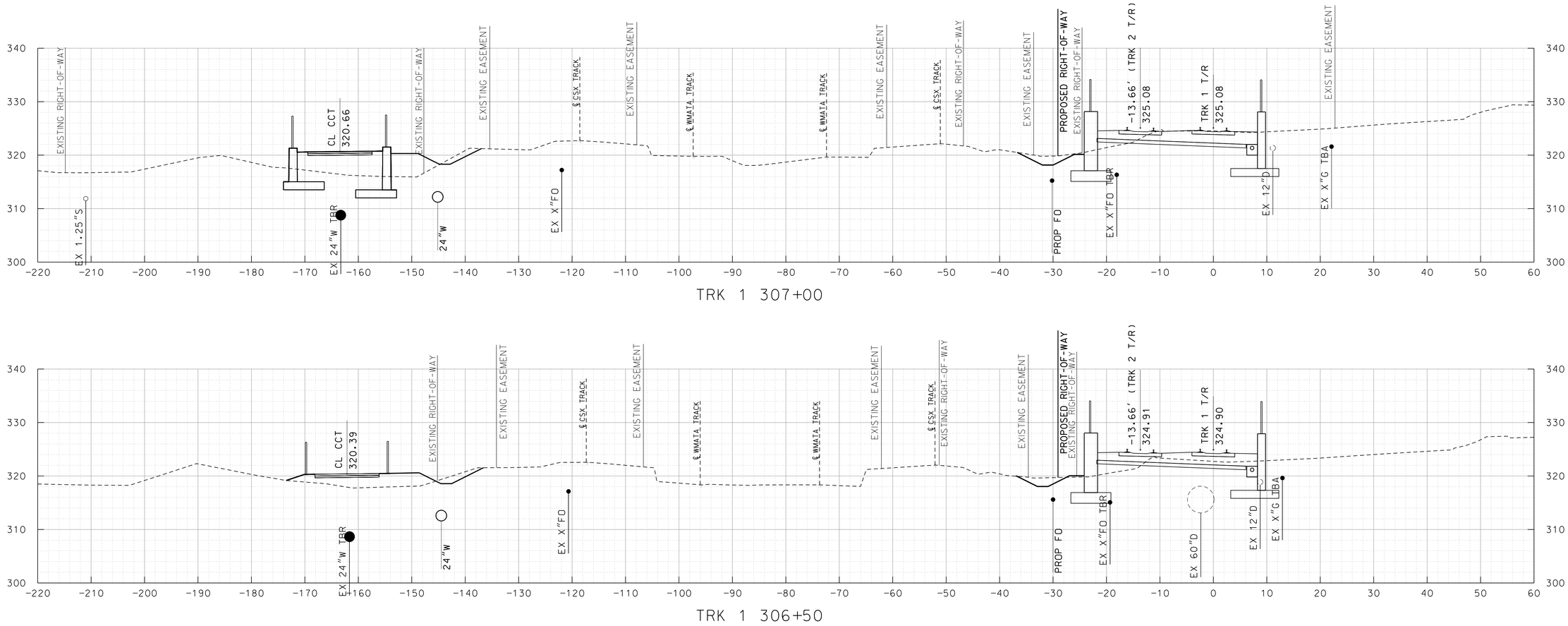
12/11/2013



TRK 1 307+00

TRK 1 306+50

10' 0 10' 20'
SCALE: 1"=10'

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 306+50 TO STA TRK 1 307+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-127
SHEET NO. 136 OF 736

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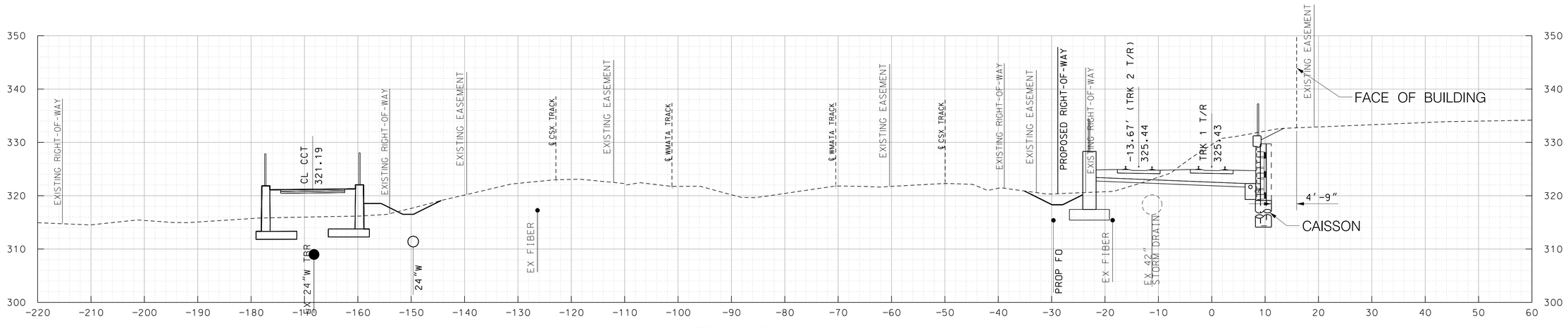
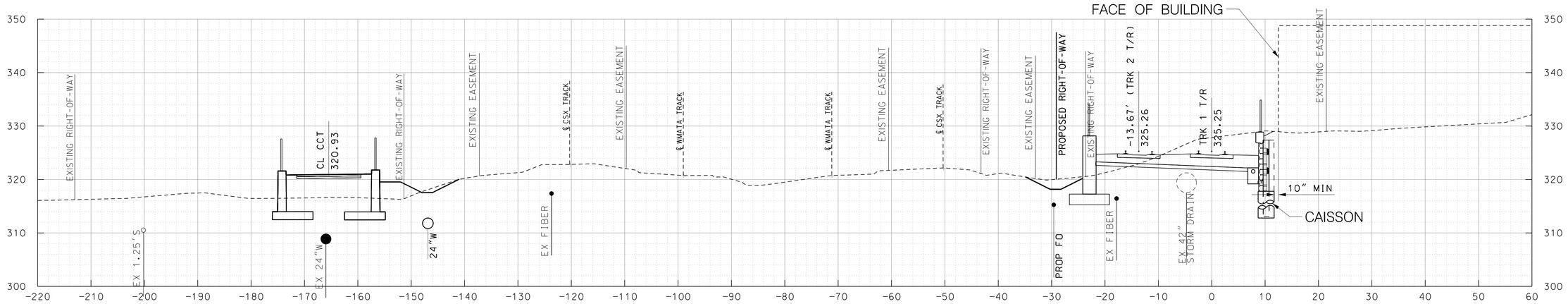
12/11/2013



TRK 1 308+00



TRK 1 307+50

10' 0 10' 20'
SCALE: 1"=10'

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MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
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DESGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 307+50 TO STA TRK 1 308+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-128
SHEET NO. 137 OF 736

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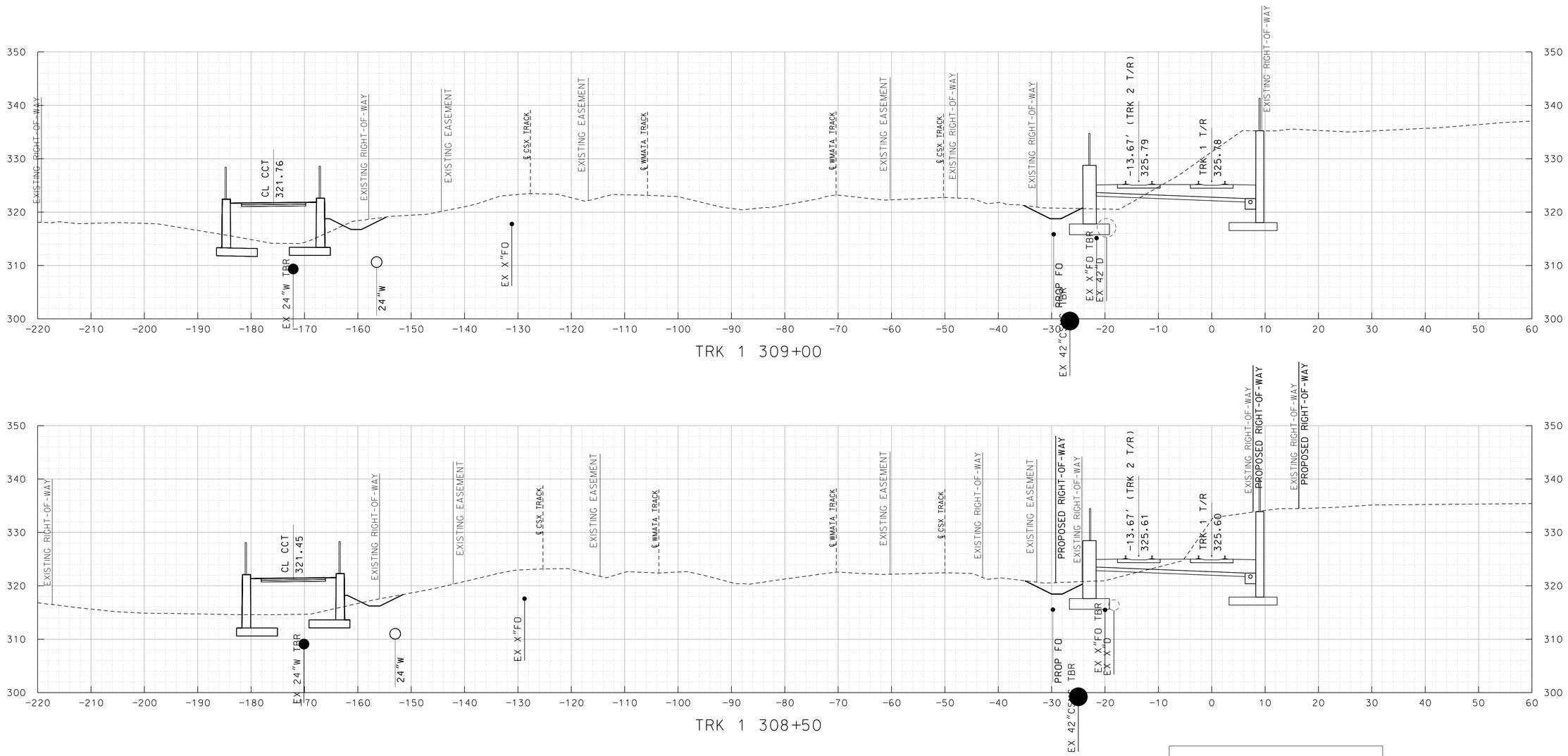
12/11/2013



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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 308+50 TO STA TRK 1 309+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-129
SHEET NO. 138 OF 736

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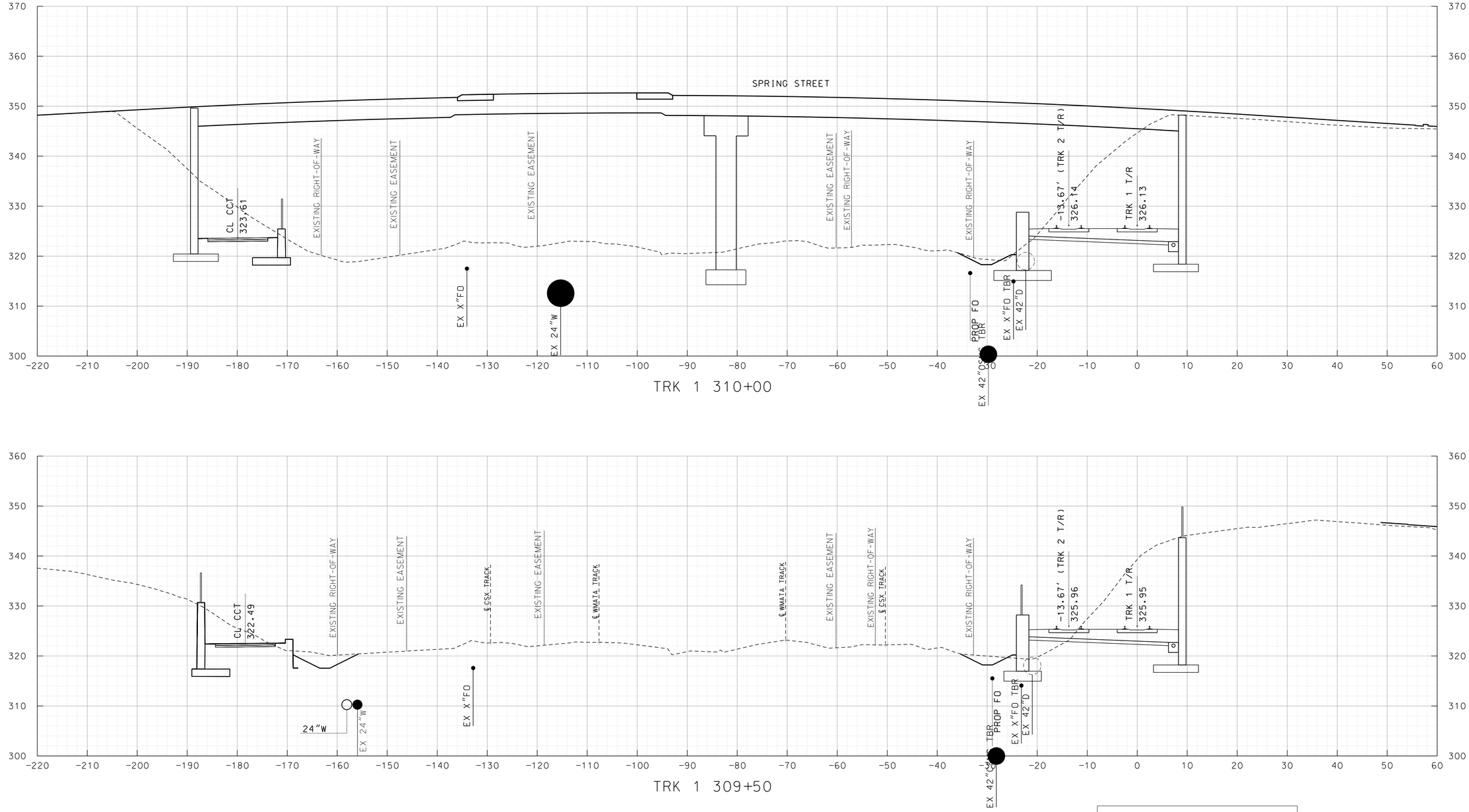
12/11/2013



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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 309+50 TO STA TRK 1 310+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-130
SHEET NO. 139 OF 736

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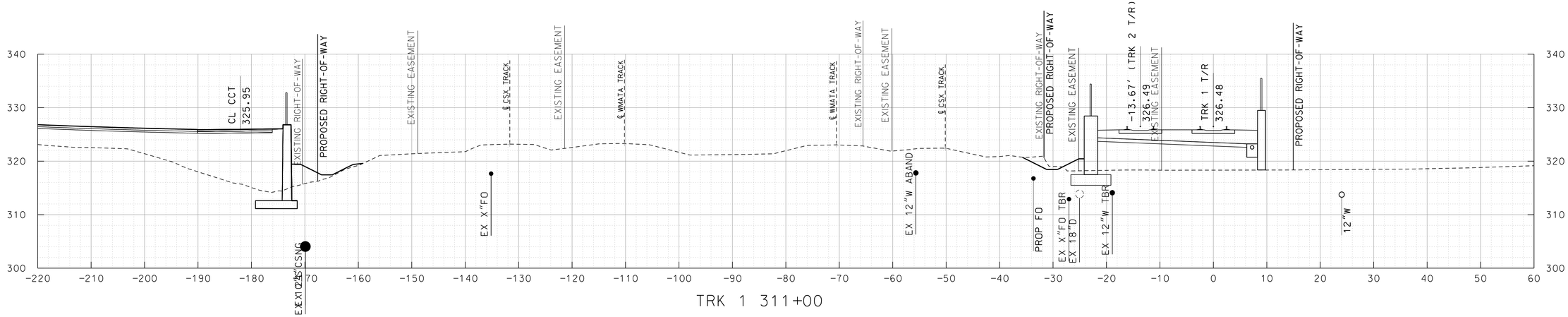
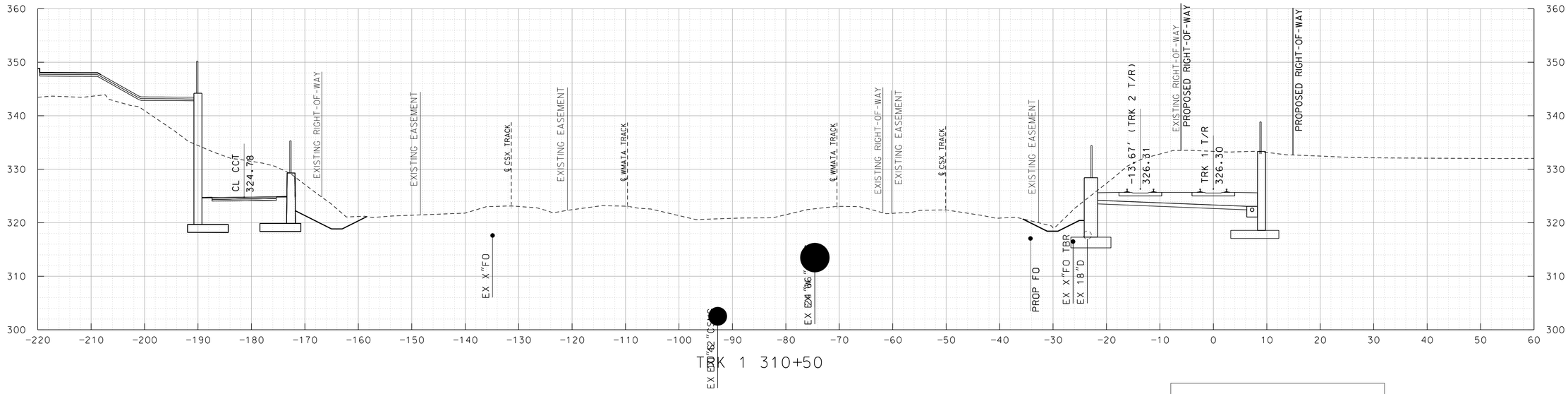
12/11/2013





10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 310+50 TO STA TRK 1 311+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-131
SHEET NO. 140 OF 736

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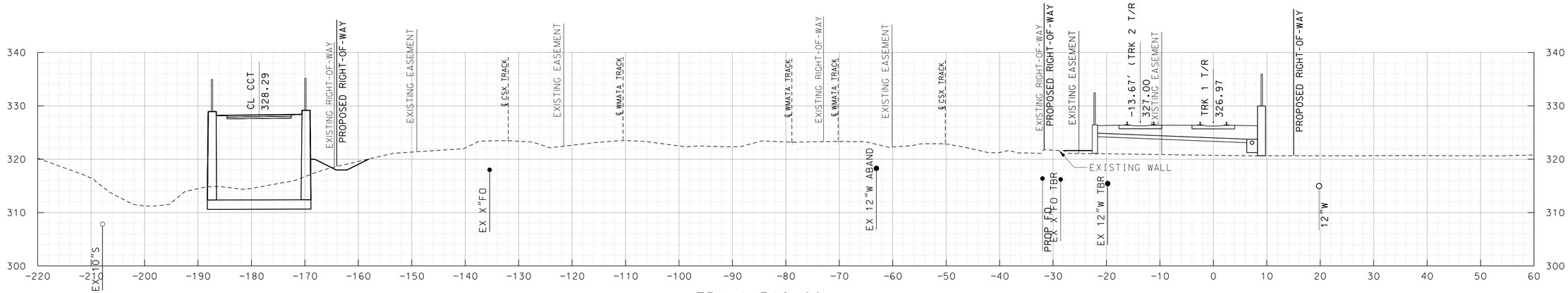
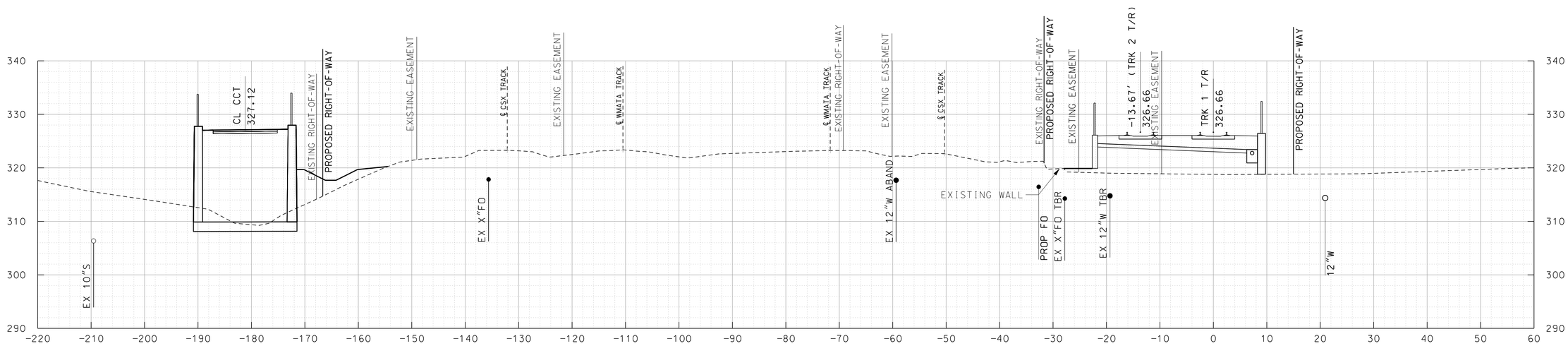
12/11/2013



TRK 1 312+00



TRK 1 311+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 311+50 TO STA TRK 1 312+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-132
SHEET NO. 141 OF 736

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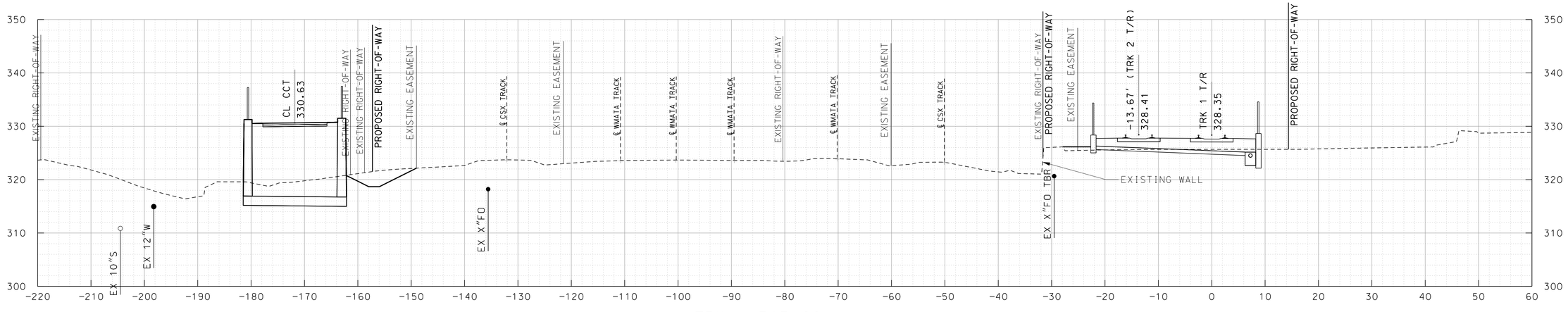
12/11/2013



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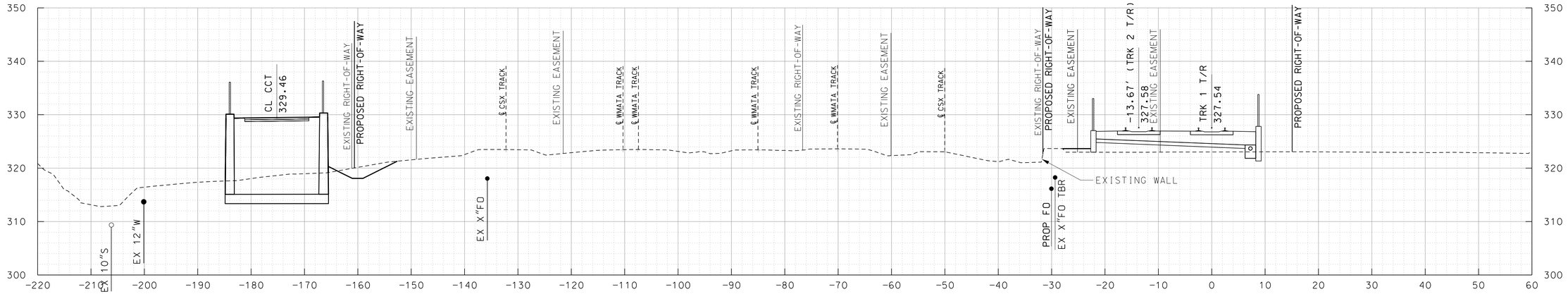

TRK 1 312+50

10' 0 10' 20'

SCALE: 1"=10'

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 312+50 TO STA TRK 1 313+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-133

SHEET NO. 142 OF 736

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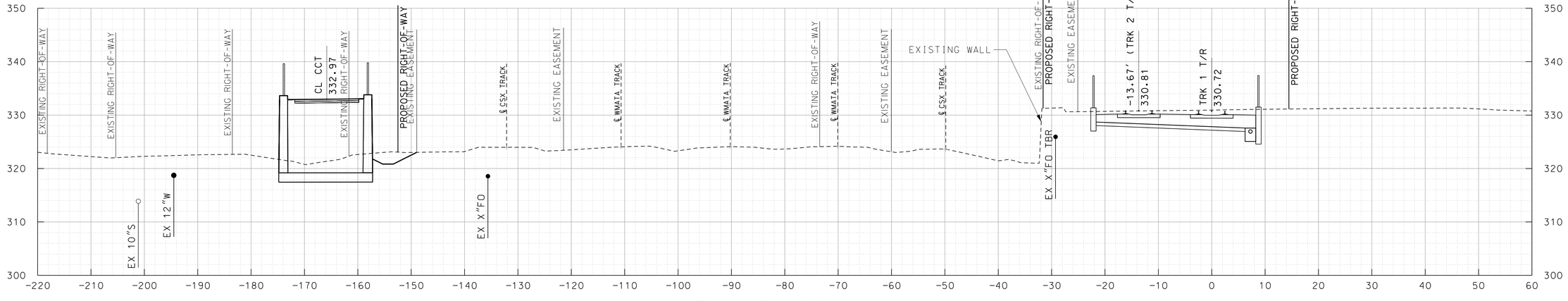
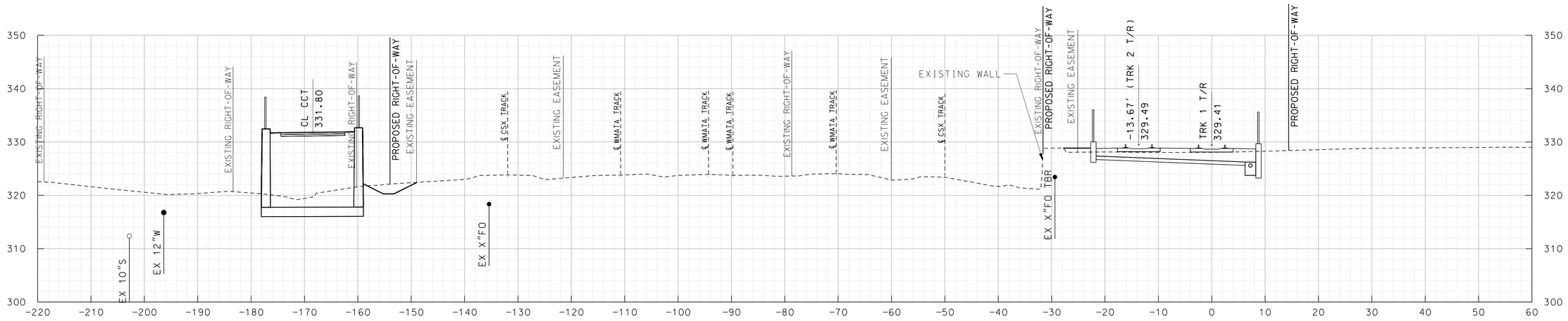
12/11/2013



TRK 1 314+00



TRK 1 313+50

10' 0 10' 20'
SCALE: 1"=10'

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 313+50 TO STA TRK 1 314+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-134
SHEET NO. 143 OF 736

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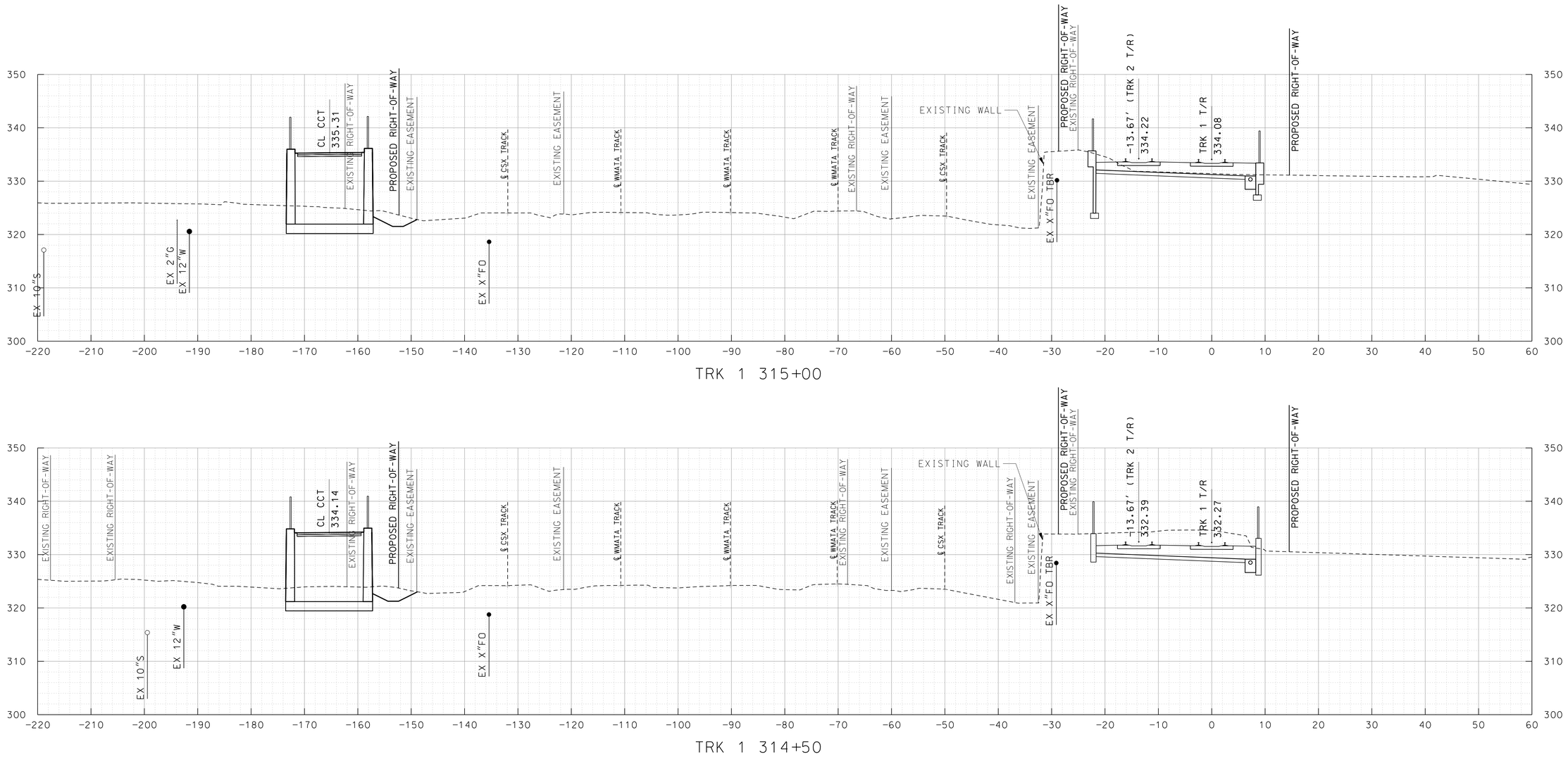
12/11/2013



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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 314+50 TO STA TRK 1 315+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-135

SHEET NO. 144 OF 736

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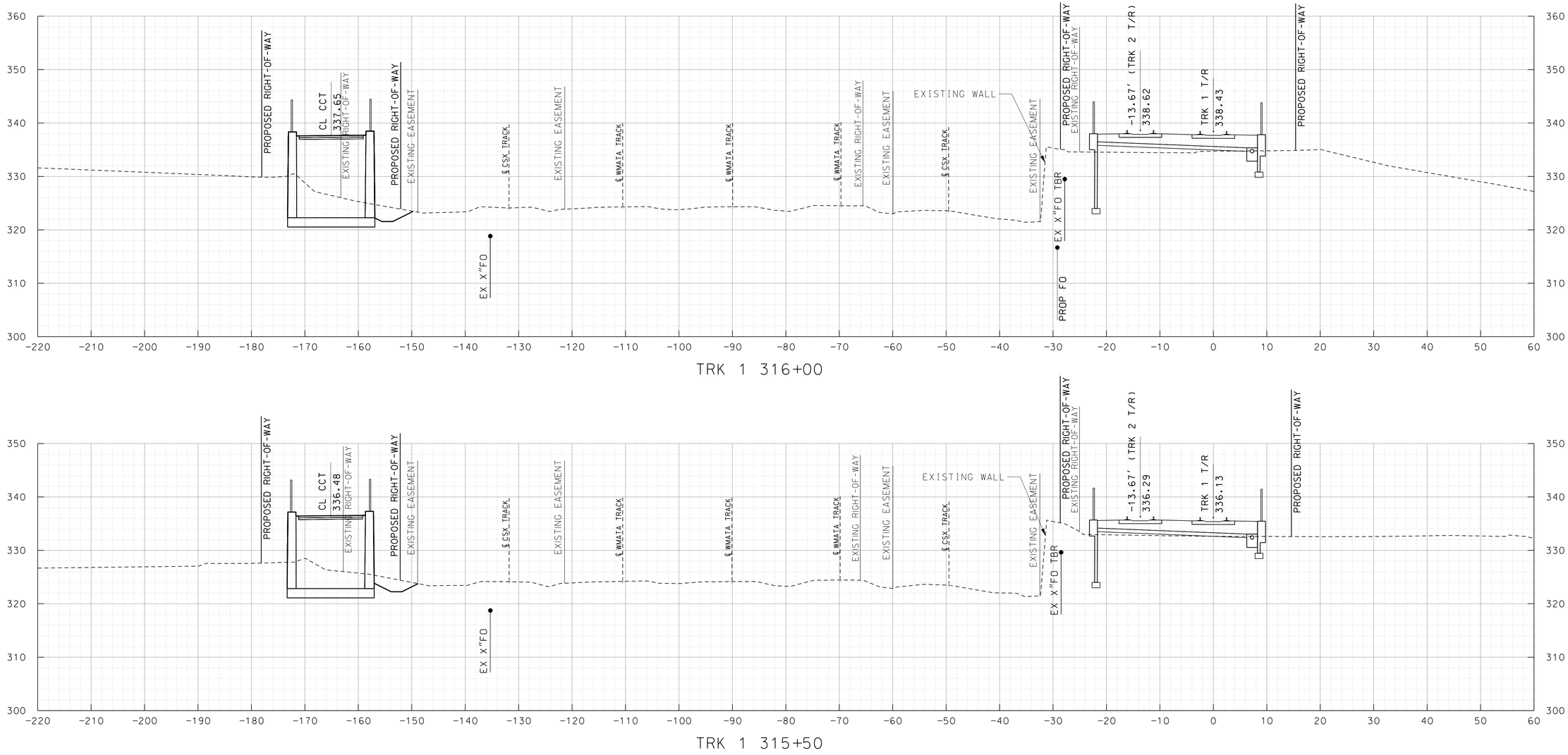
12/11/2013



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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 315+50 TO STA TRK 1 316+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-136
SHEET NO. 145 OF 736

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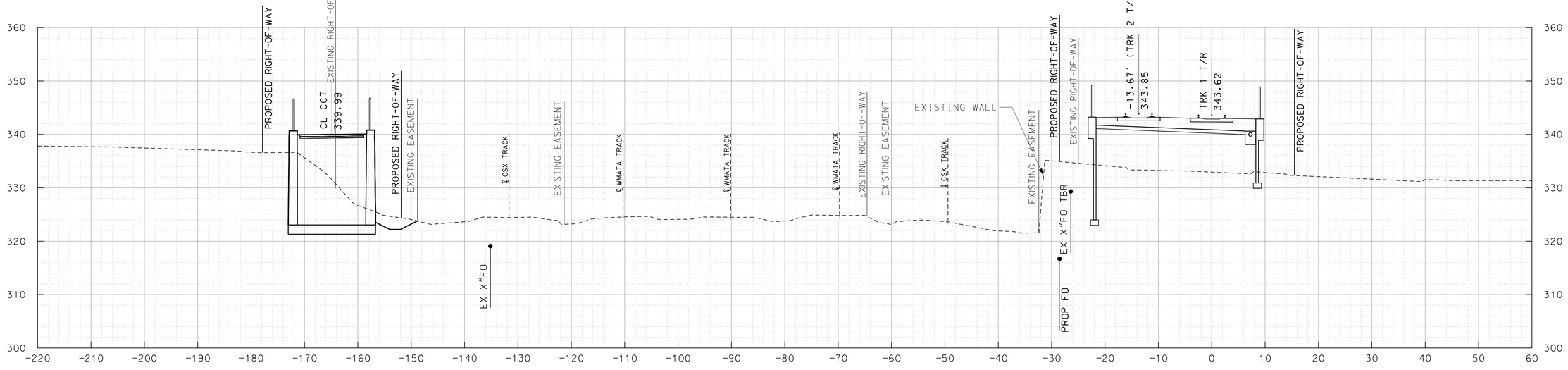
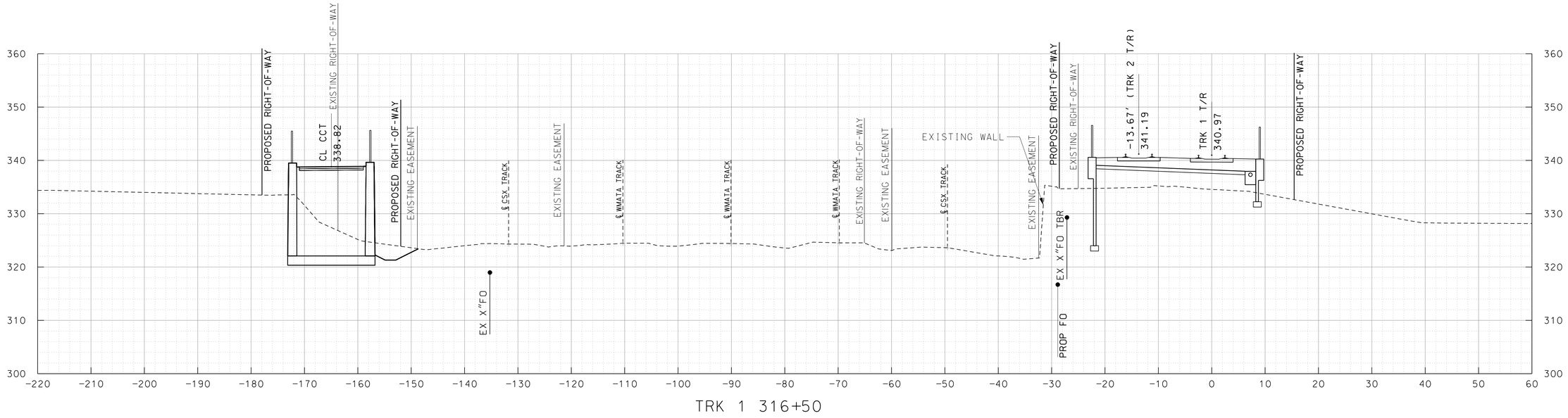
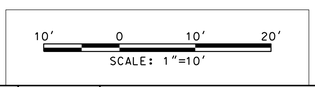
12/11/2013



TRK 1 317+00



TRK 1 316+50



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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 316+50 TO STA TRK 1 317+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-137
SHEET NO. 146 OF 736

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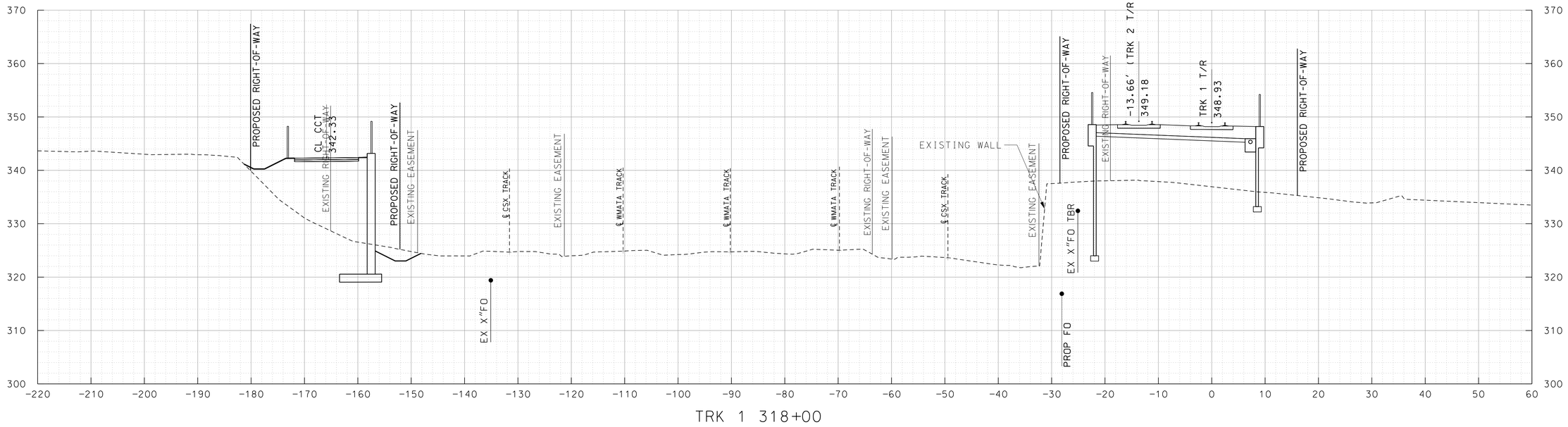
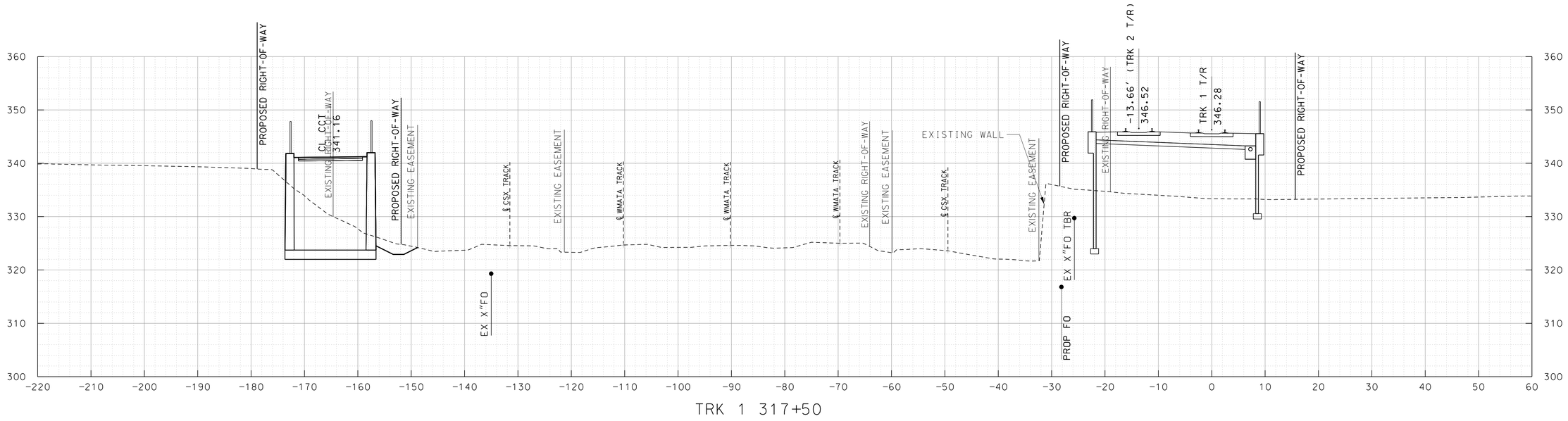
12/11/2013





10' 0 10' 20'
SCALE: 1"=10'

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 317+50 TO STA TRK 1 318+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-138
SHEET NO. 147 OF 736

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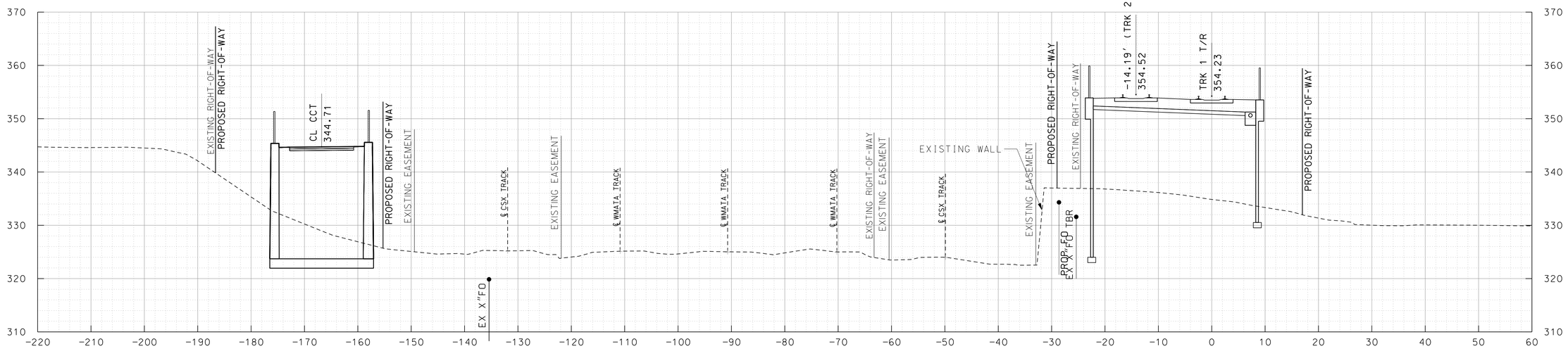
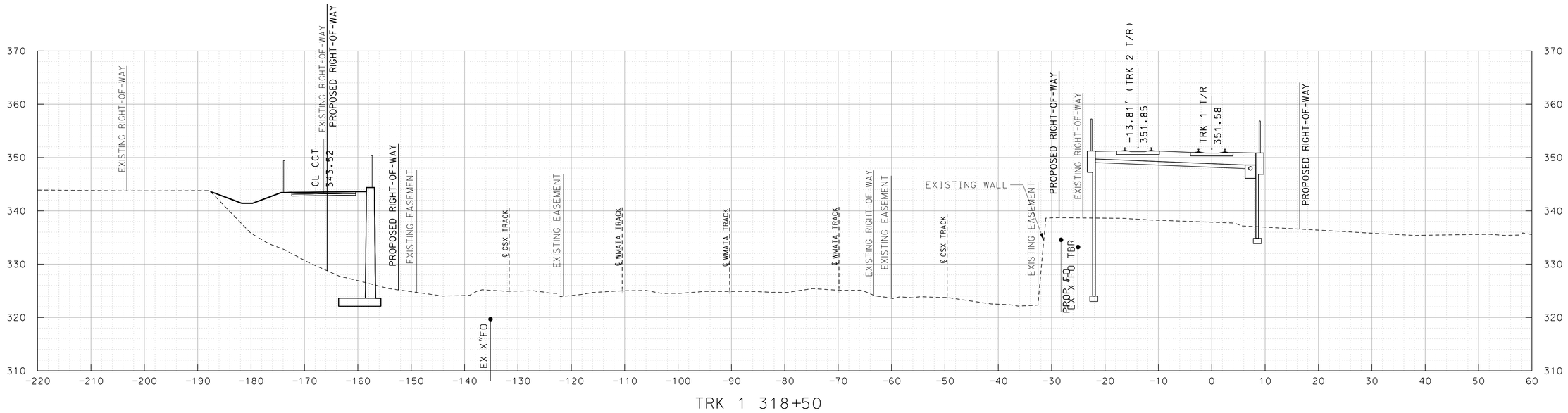
12/11/2013



TRK 1 319+00



TRK 1 318+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
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DESGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 318+50 TO STA TRK 1 319+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-139
SHEET NO. 148 OF 736

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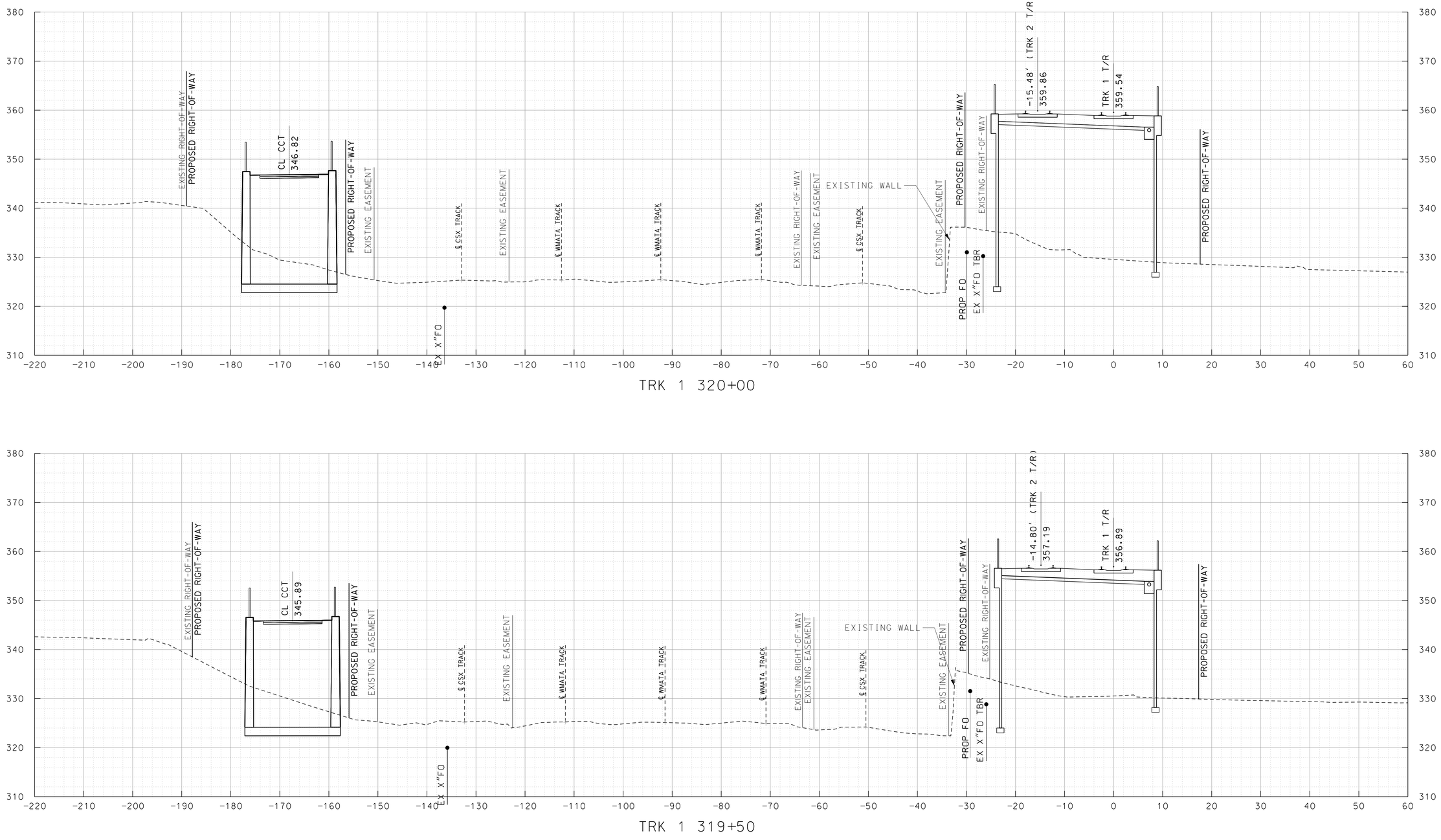
12/11/2013



TRK 1 320+00

TRK 1 319+50

10' 0 10' 20'
SCALE: 1"=10'

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 319+50 TO STA TRK 1 320+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-140
SHEET NO. 149 OF 736

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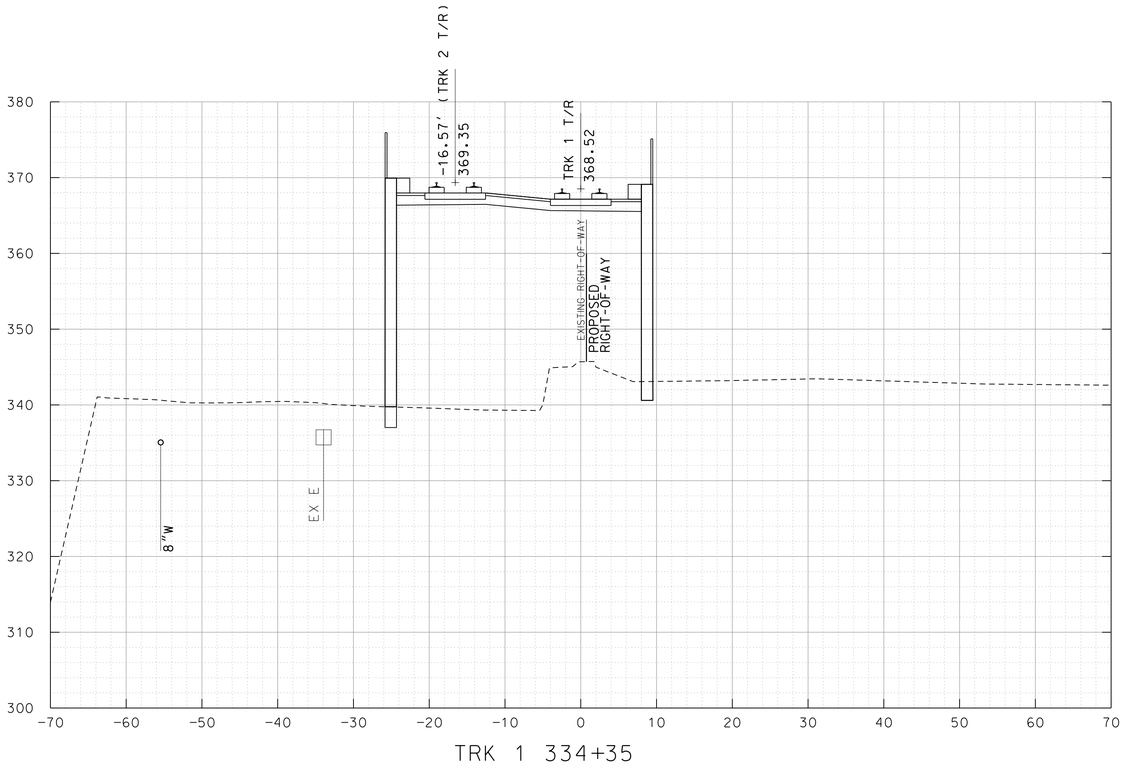
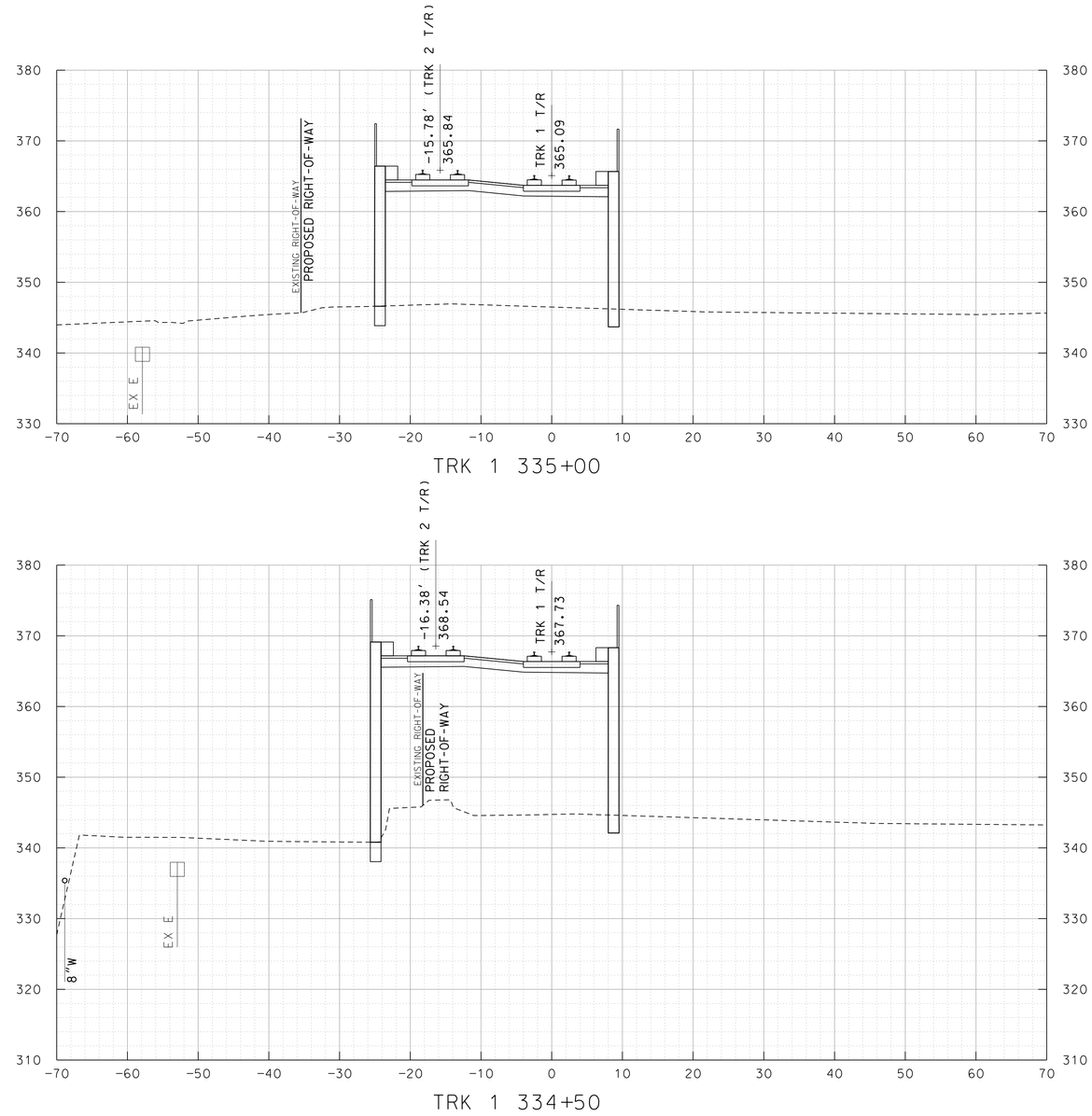
12/11/2013

FOR CROSS SECTIONS FROM STATION 320+00 TO STATION 334+35
SEE VOLUME 6 – STRUCTURES



TRK 1 334+35



TRK 1 335+00

TRK 1 334+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland
Gannett Fleming
WR&A

PROFESSIONAL CERTIFICATION
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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 334+35 TO STA TRK 1 335+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T–1042–0220
DRAWING NO. XS–141
SHEET NO. 150 OF 736

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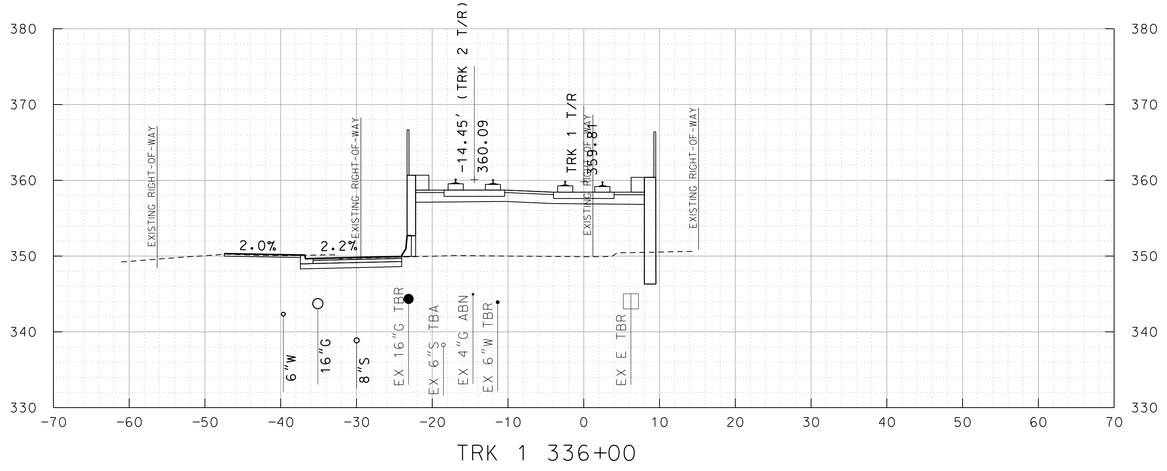
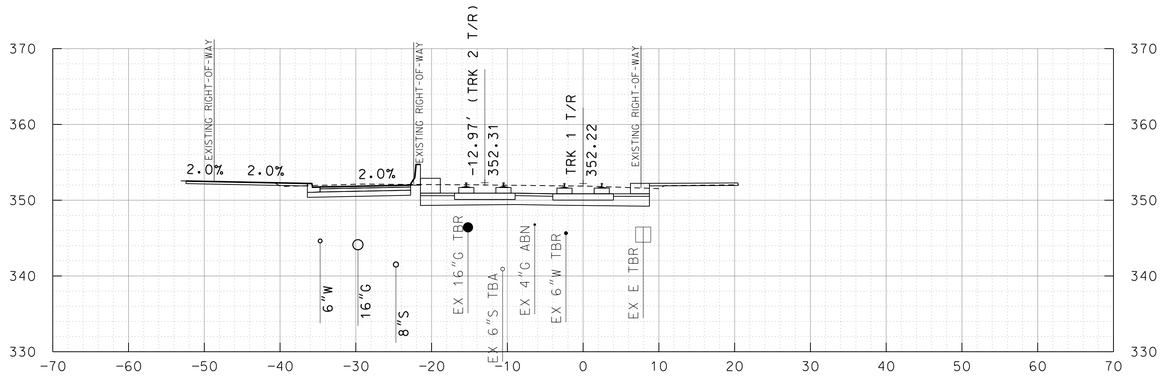
12/11/2013



TRK 1 336+00



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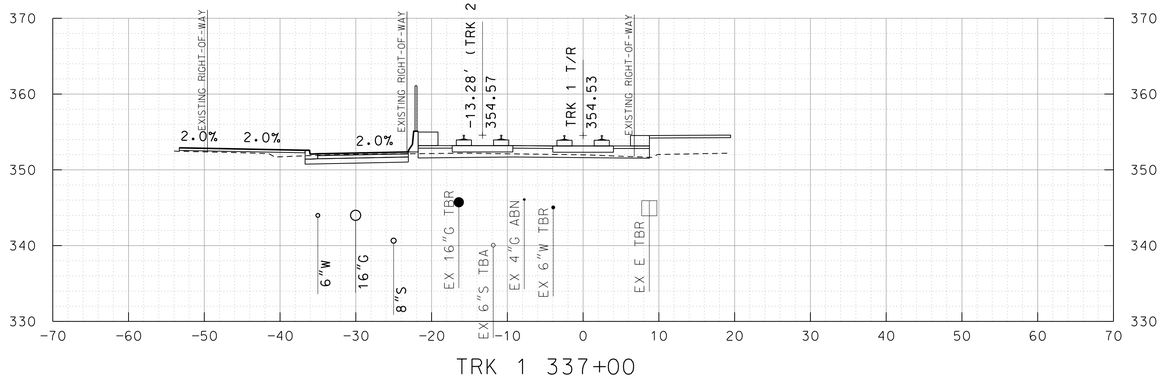

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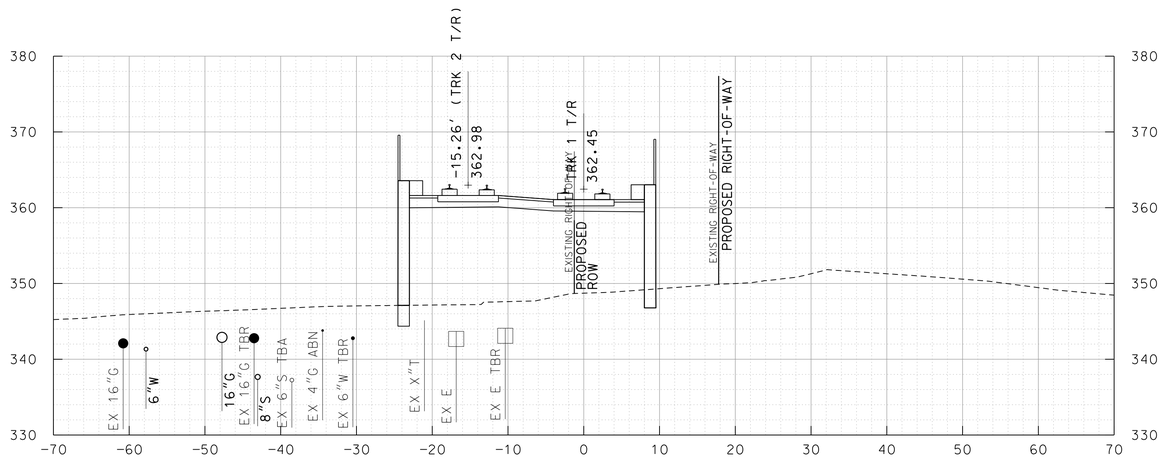

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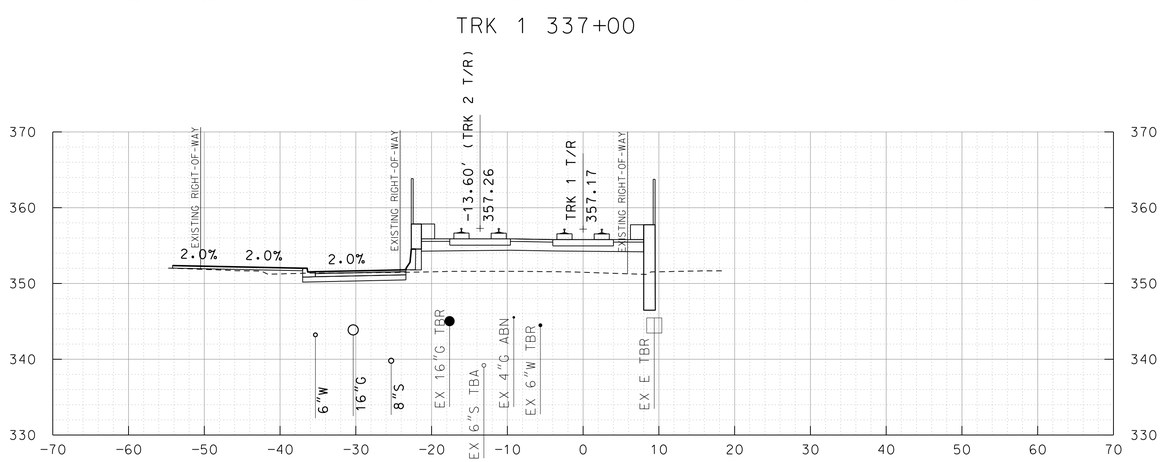

TRK 1 336+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 335+50 TO STA TRK 1 337+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-142
SHEET NO. 151 OF 736

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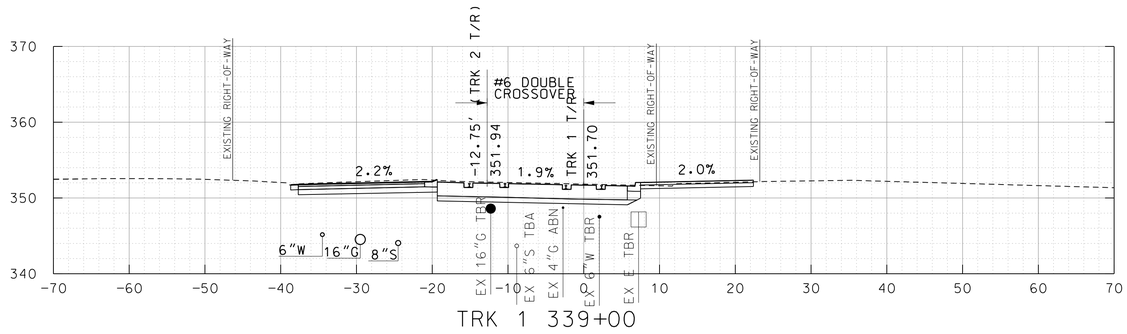
12/11/2013



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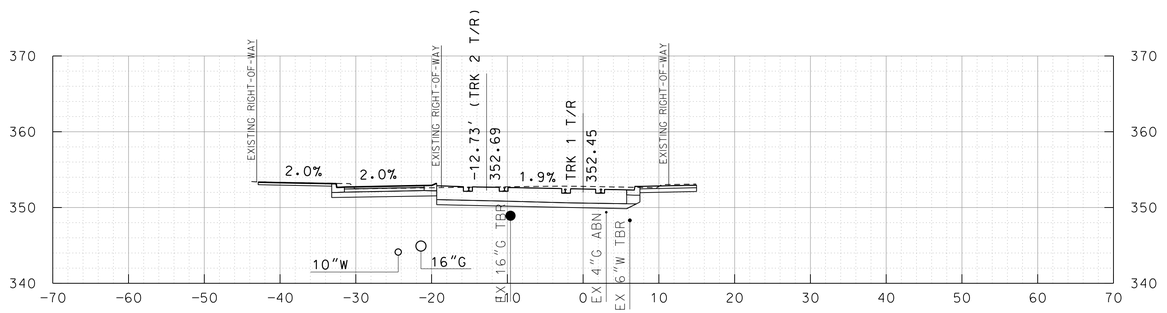

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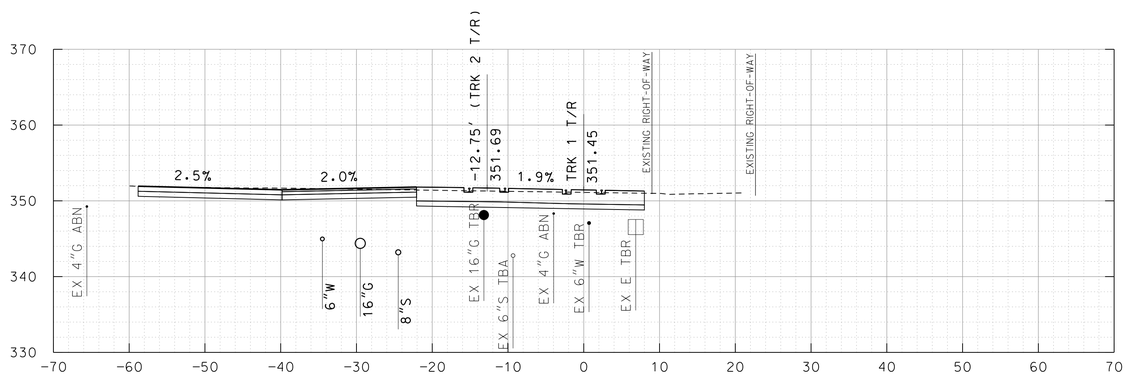

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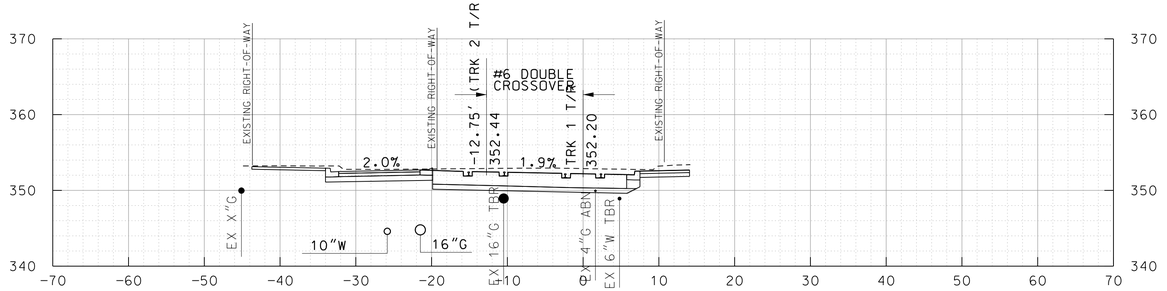

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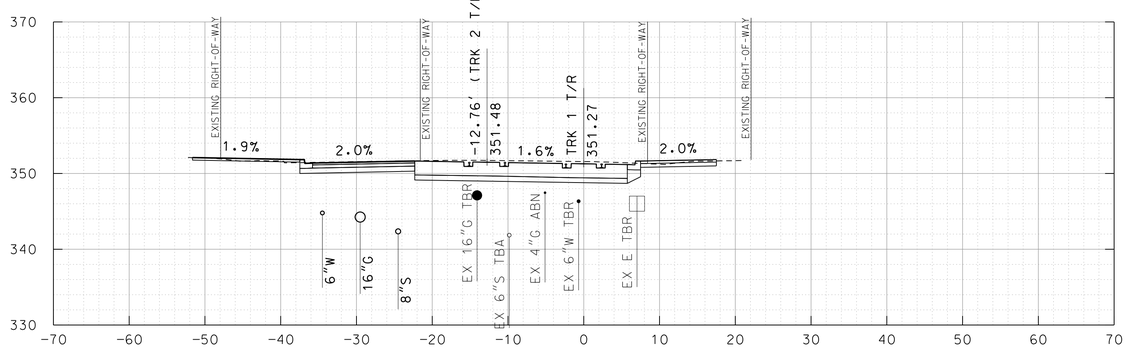

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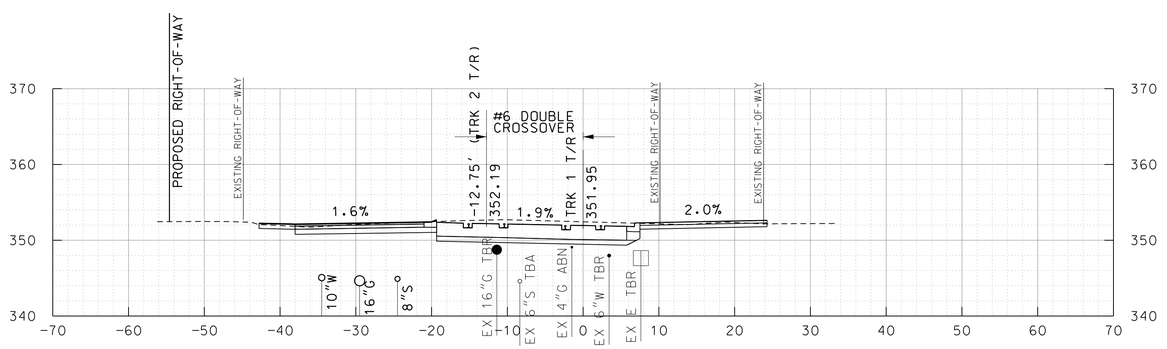

TRK 1 339+50

10' 0 10' 20'

SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION

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MTA Maryland

Gannett Fleming

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DESIGN

DRAWN

CHECK

APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 338+00 TO STA TRK 1 340+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-143

SHEET NO. 152 OF 736

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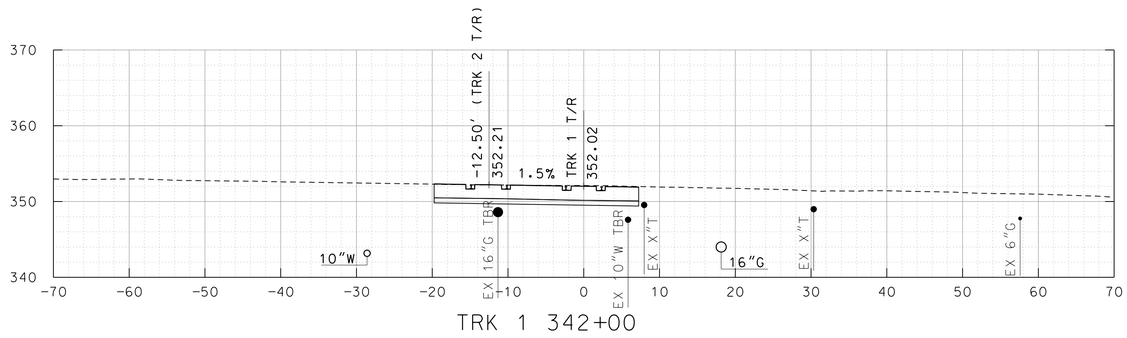
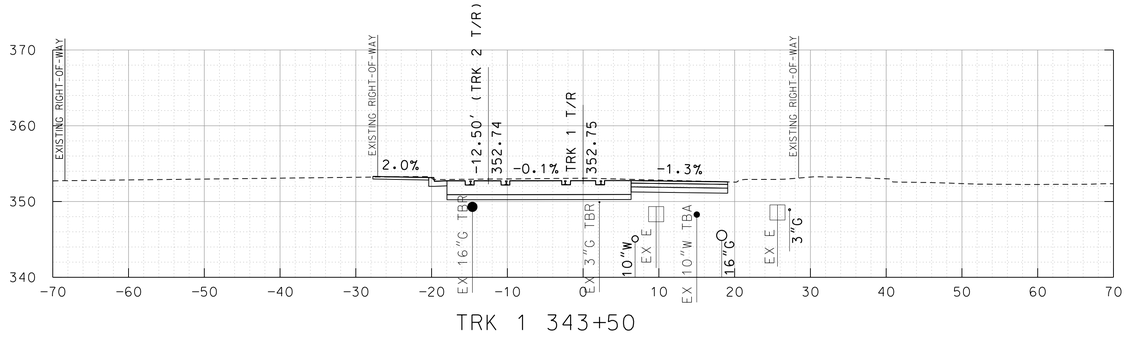
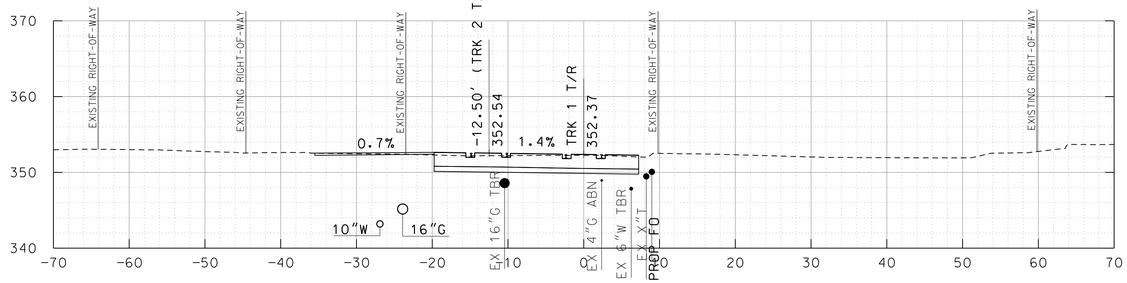
12/11/2013



TRK 1 342+00



TRK 1 343+50



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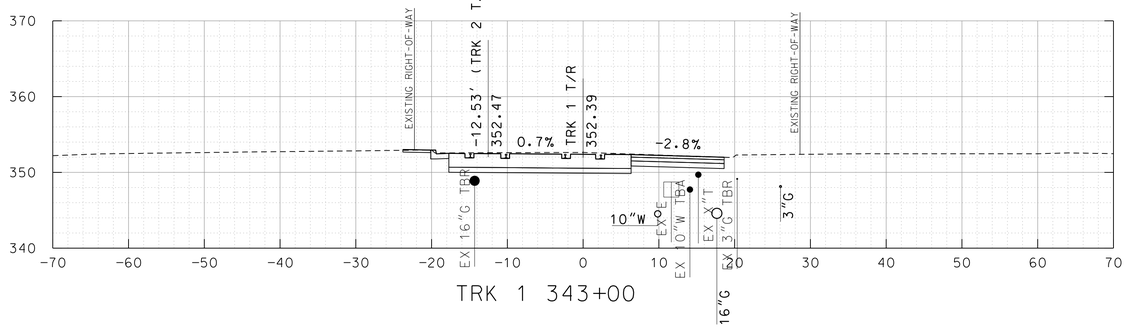

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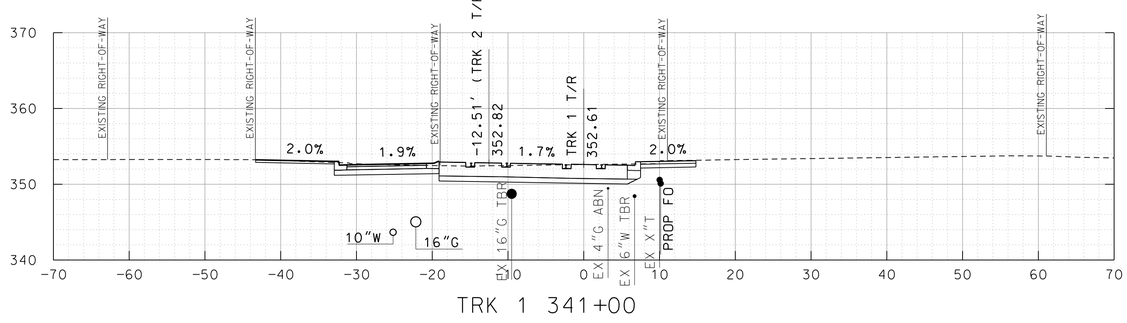

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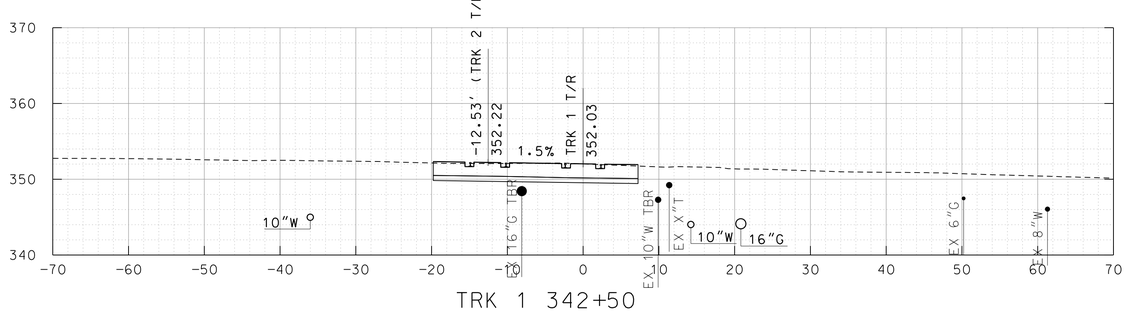

TRK 1 342+50

10' 0 10' 20'

SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

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DESIGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 341+00 TO STA TRK 1 343+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-144

SHEET NO. 153 OF 736

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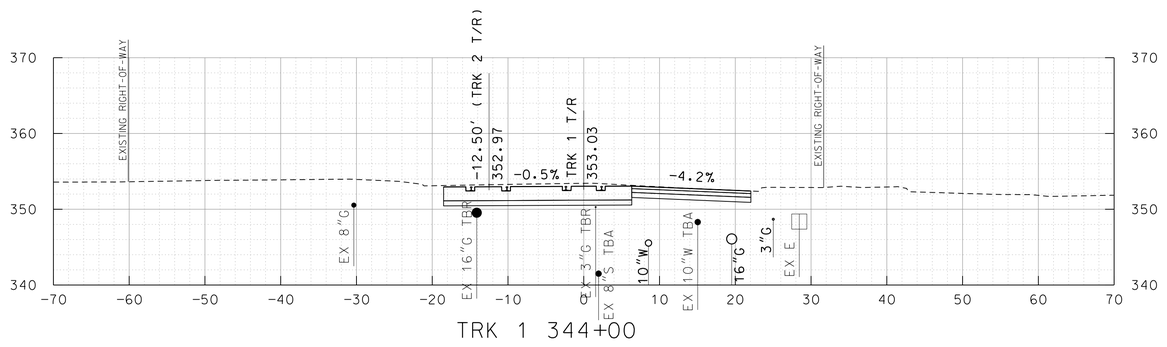
12/11/2013



TRK 1 344+00

10′ 0 10′ 20′

SCALE: 1"=10′

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 344+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-145

SHEET NO. 154 OF 736

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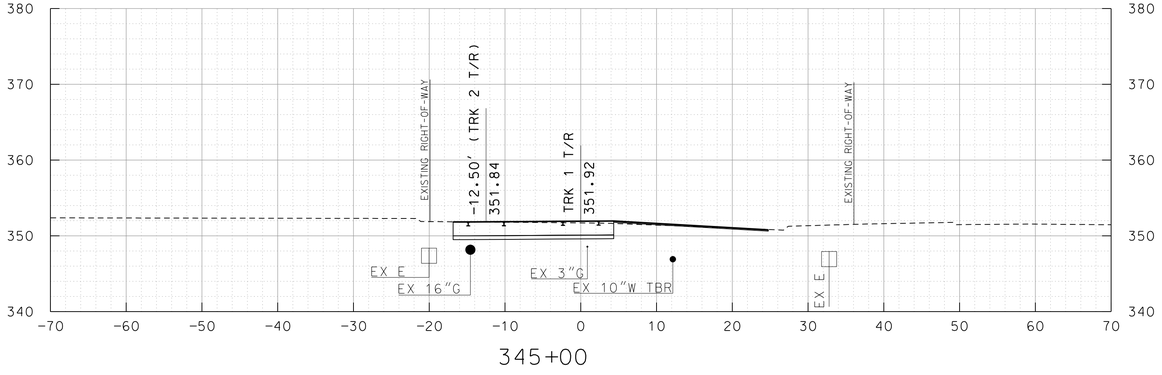
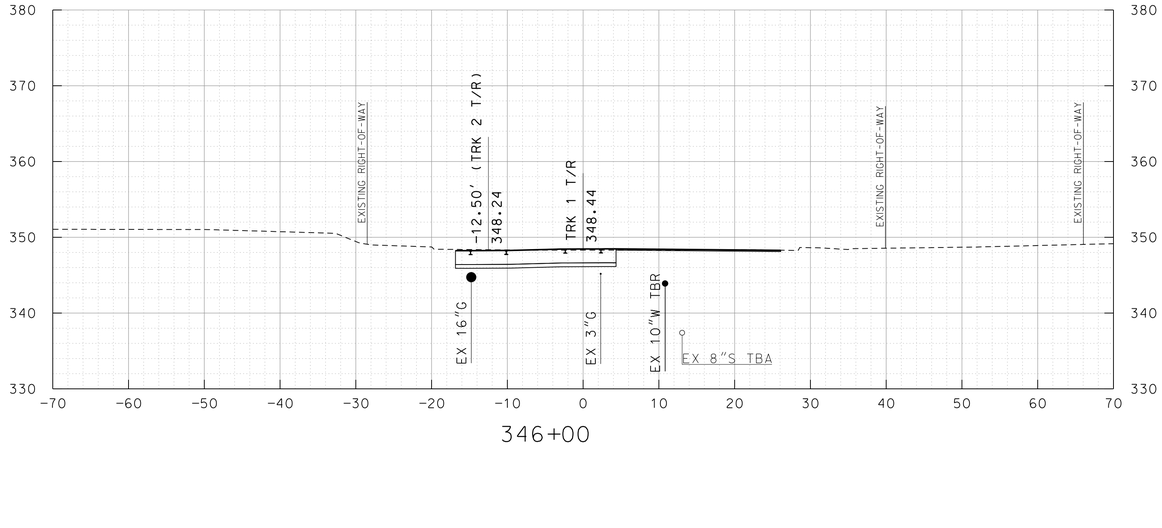
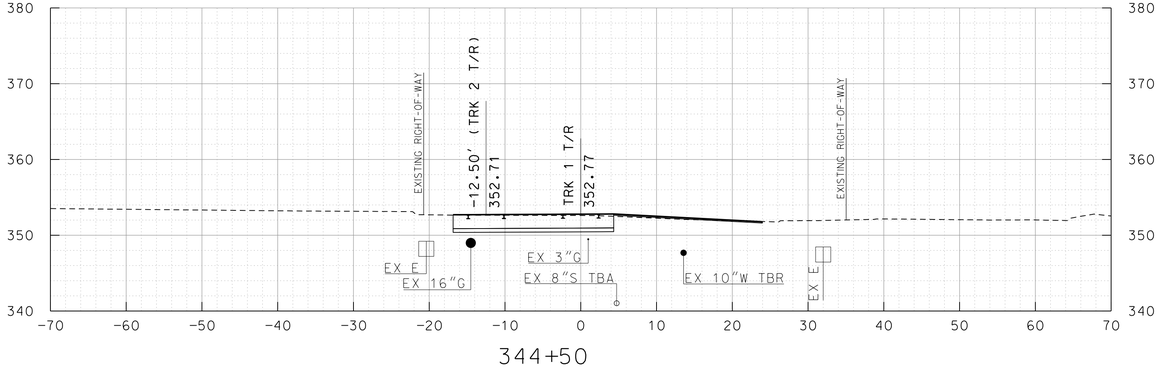
12/11/2013



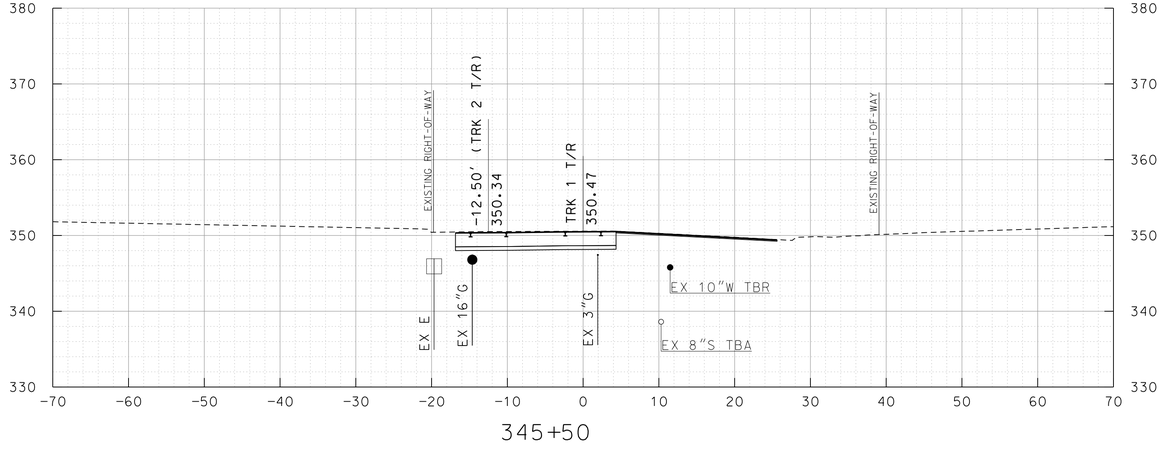
345+00



346+00



344+50



345+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

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DESGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 344+50 TO STA TRK 1 346+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-146
SHEET NO. 155 OF 736

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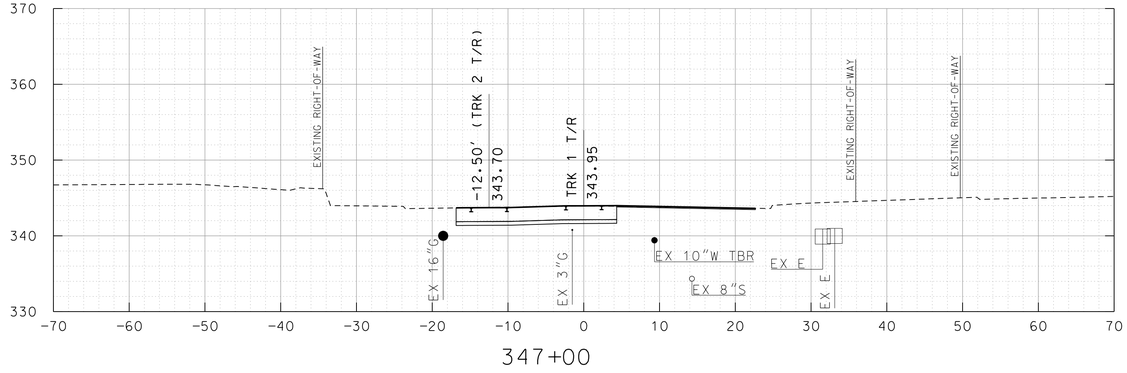
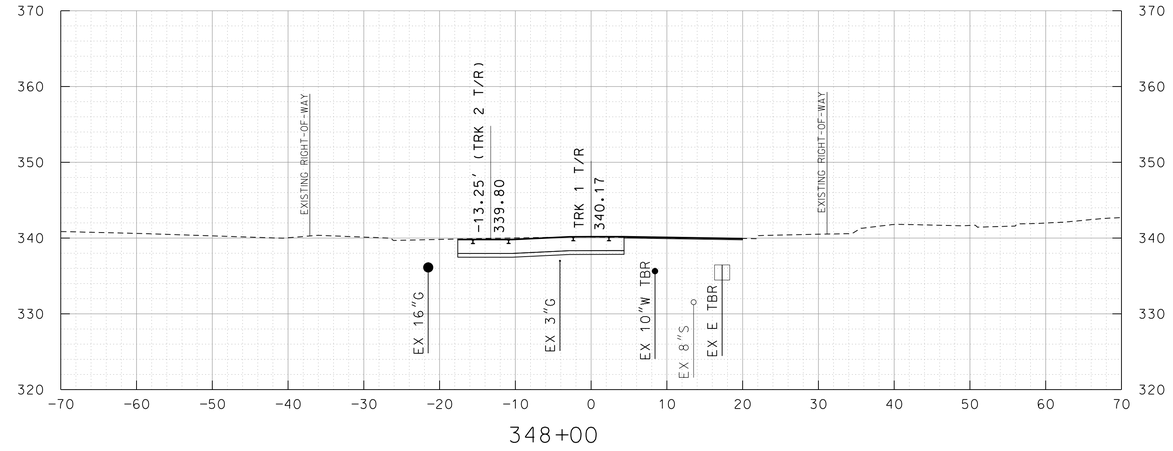
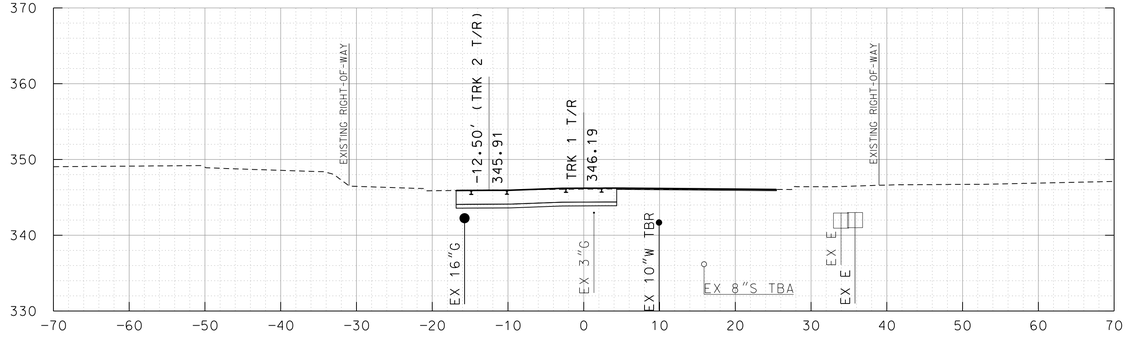
12/10/2013



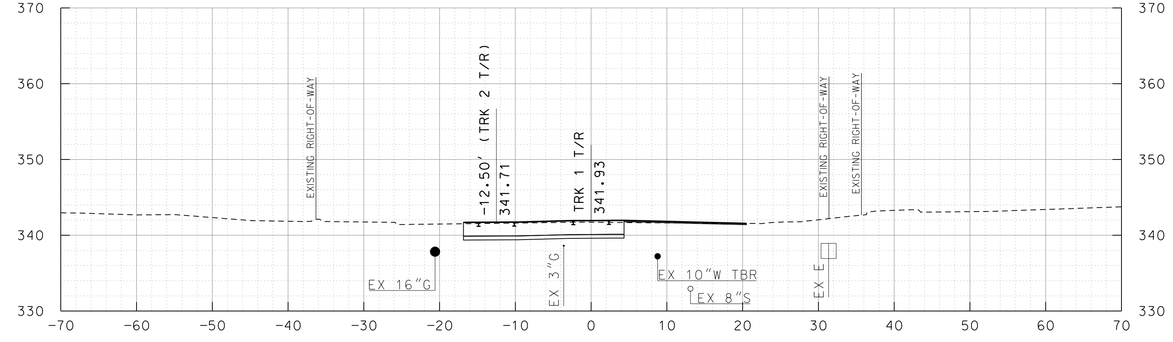
347+00



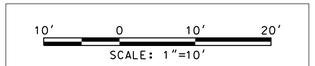
348+00



346+50



347+50



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION

MTA Maryland

Gannett Fleming

WR&A

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 346+50 TO STA TRK 1 348+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-147

SHEET NO. 156 OF 736

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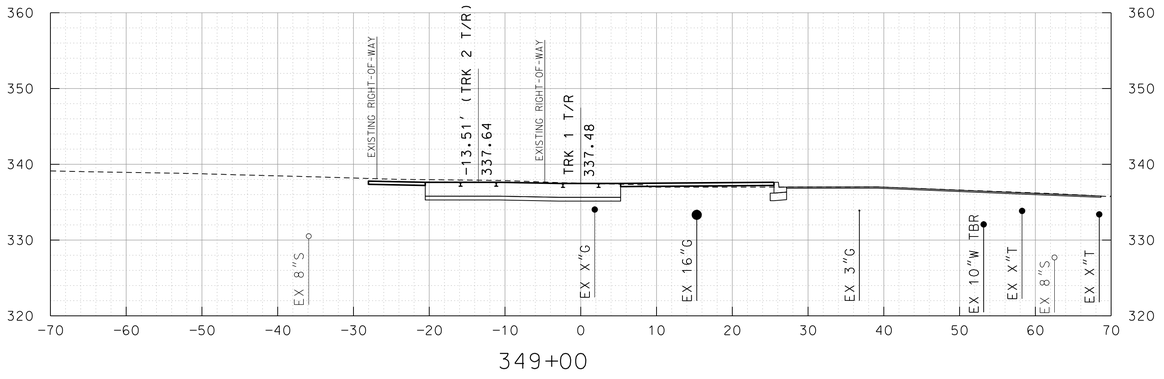
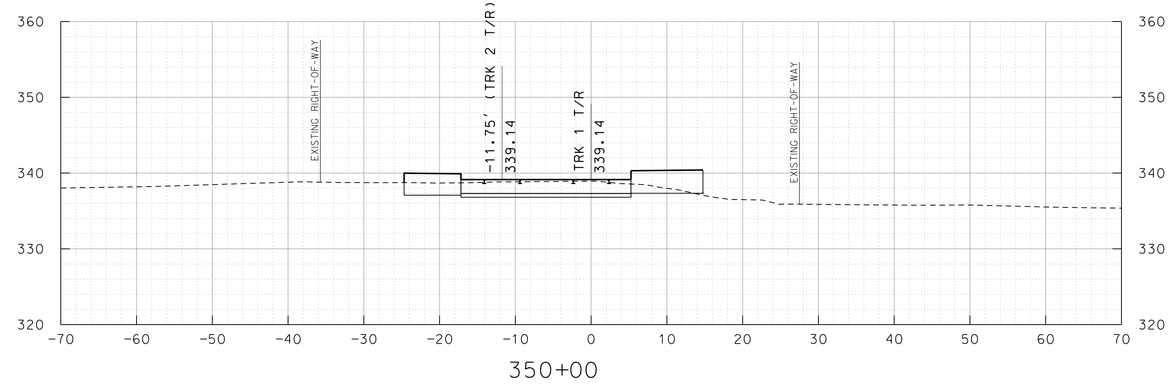
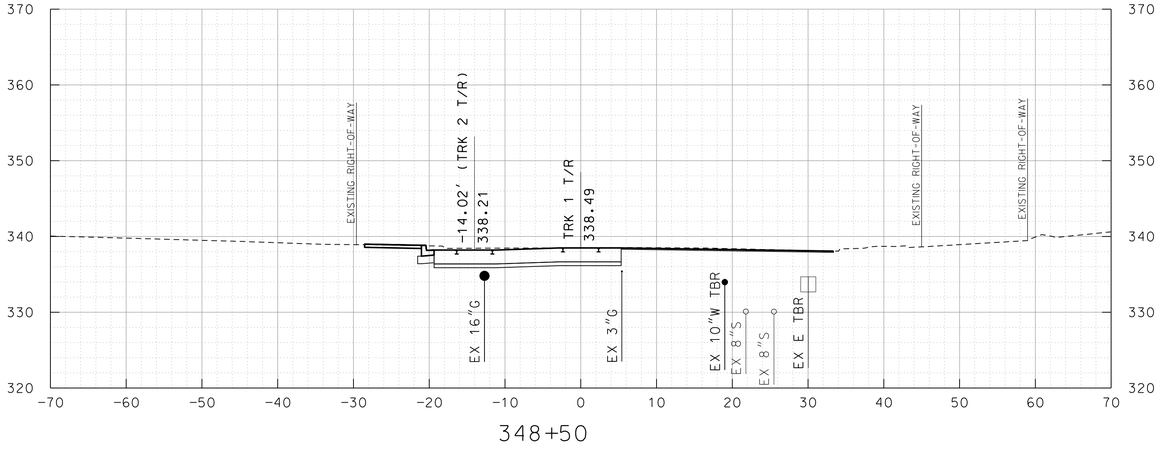
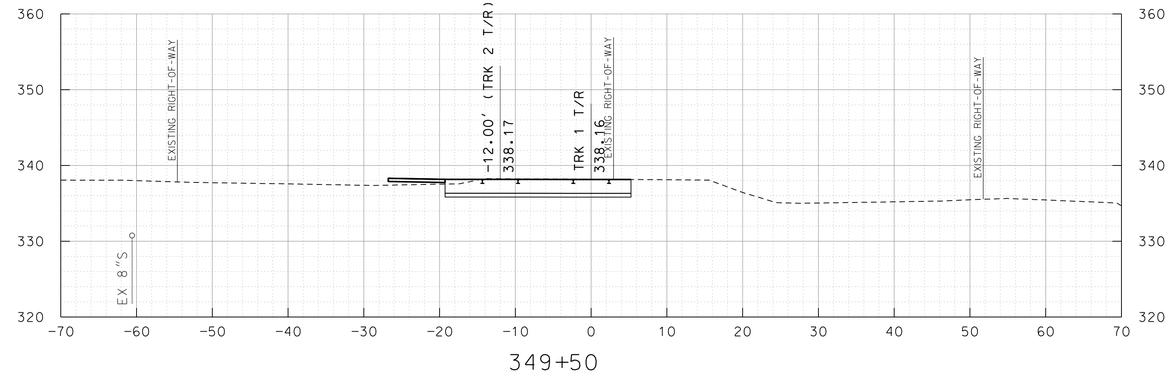
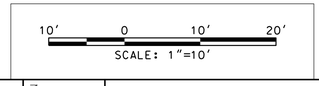
12/10/2013











MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

JACOBS

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DESIGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 348+50 TO STA TRK 1 350+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-148

SHEET NO. 157 OF 736

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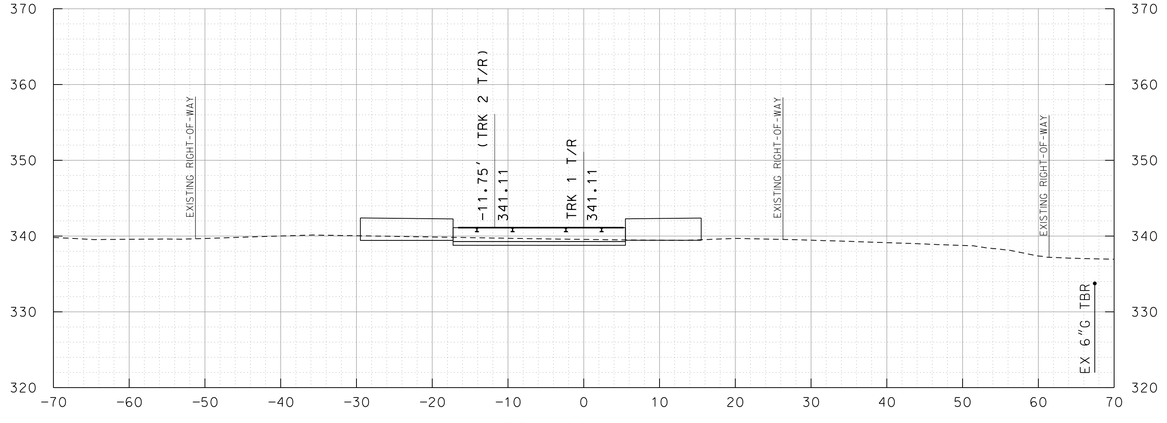
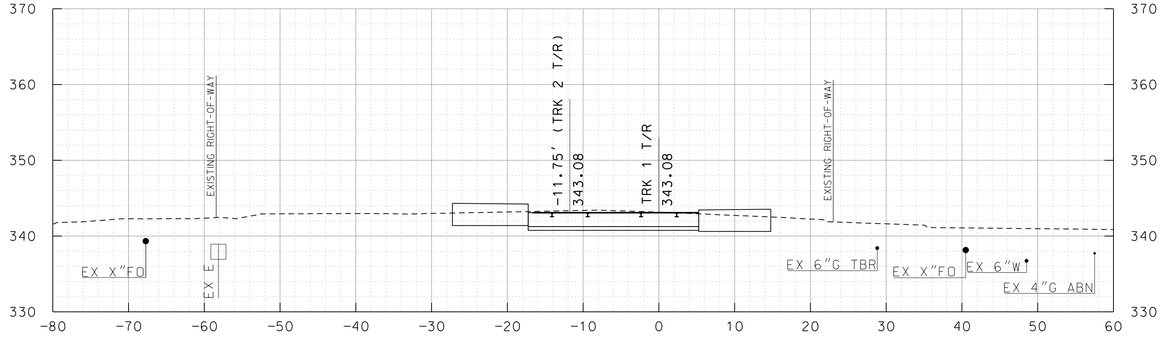
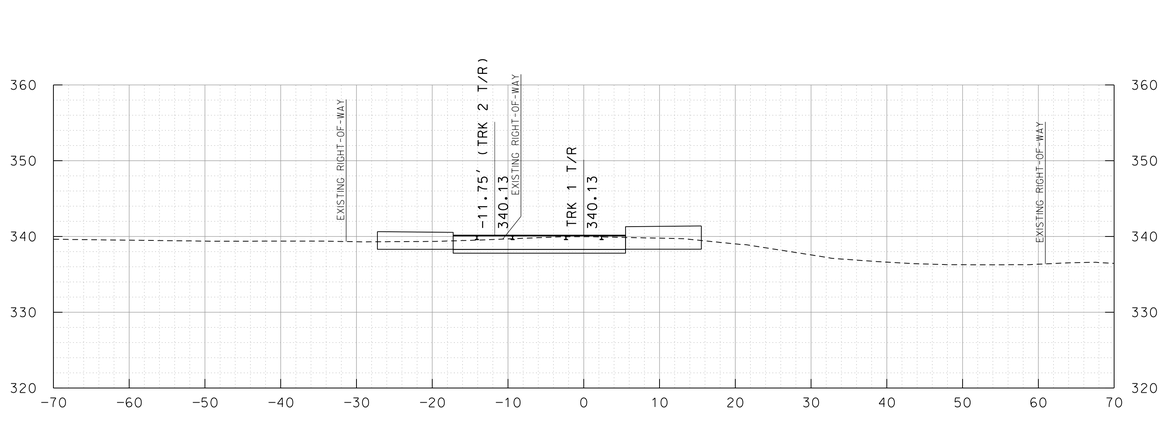
12/10/2013



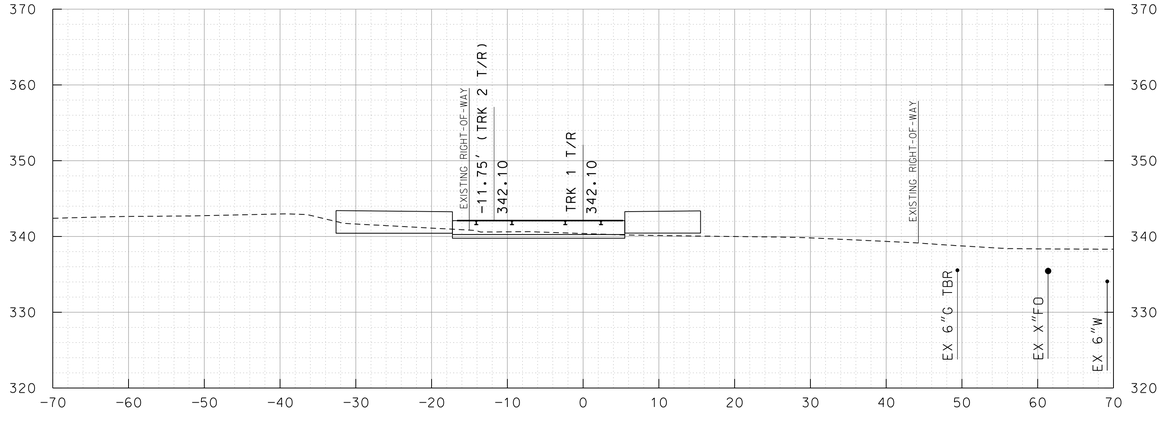
351+00



352+00



350+50



351+50

10' 0 10' 20'
SCALE: 1"=10'

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DESGN
DRAWN
CHECK
APPR

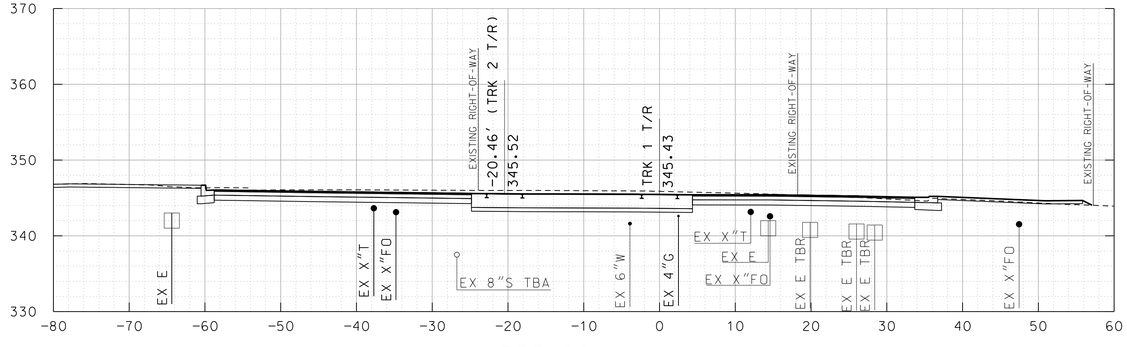
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 350+50 TO STA TRK 1 352+00

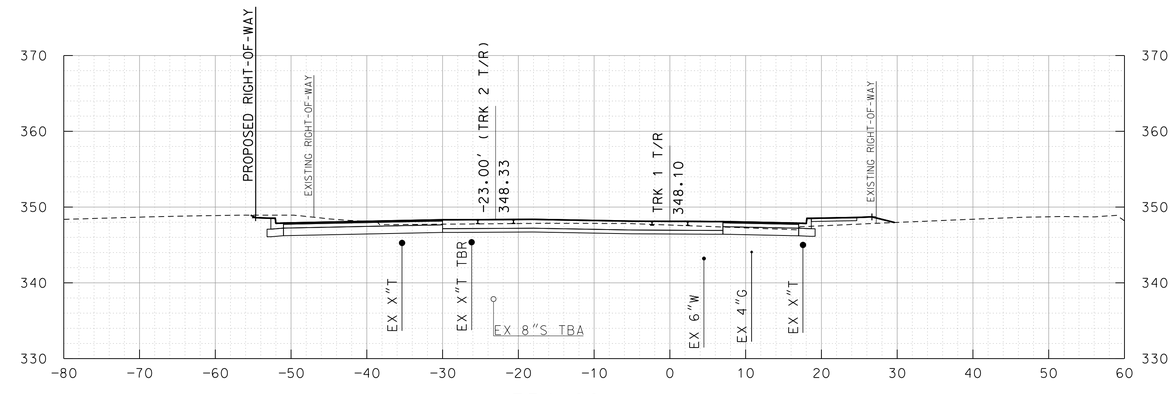
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-149
SHEET NO. 158 OF 736

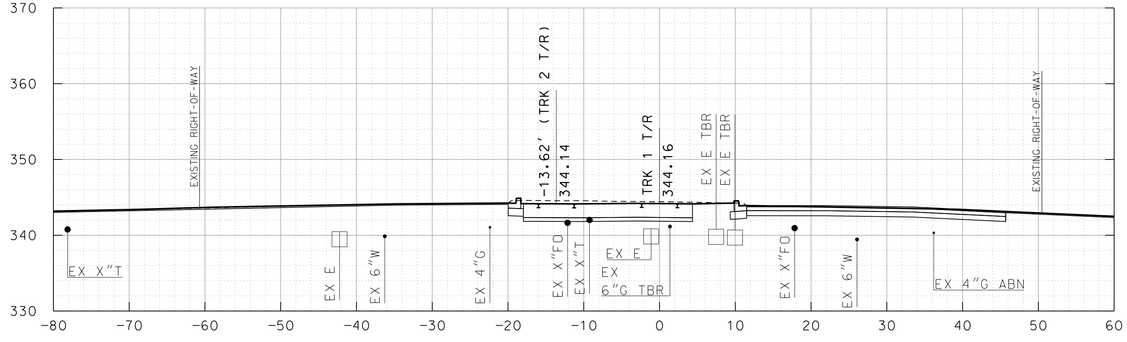
c:\pwworking\mtapw\je-benjamin foltz\dms96322\1042pXS3301.dgn
12/10/2013



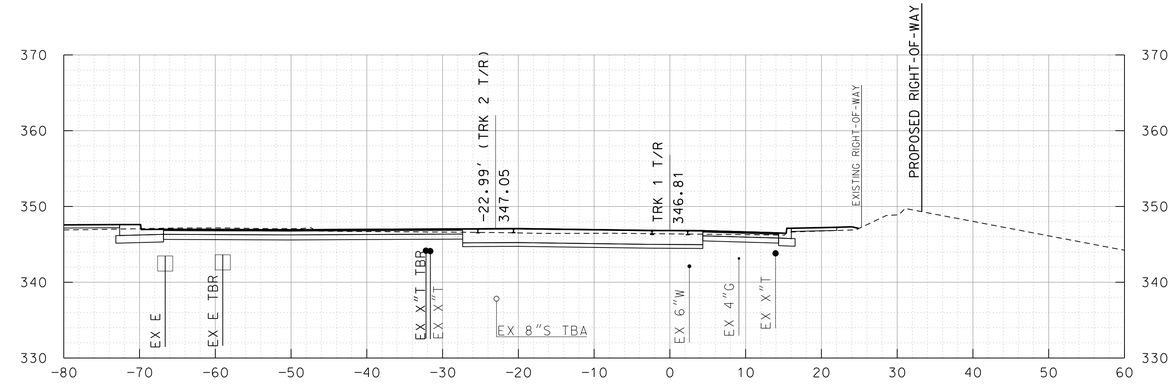
353+00



354+00



352+50



353+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

JACOBS

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 352+50 TO STA TRK 1 354+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-150
SHEET NO. 159 OF 736

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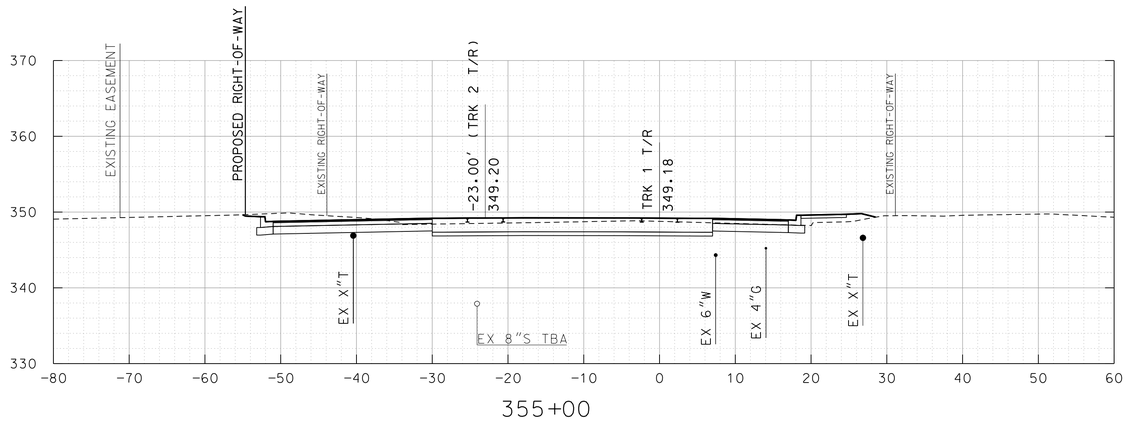
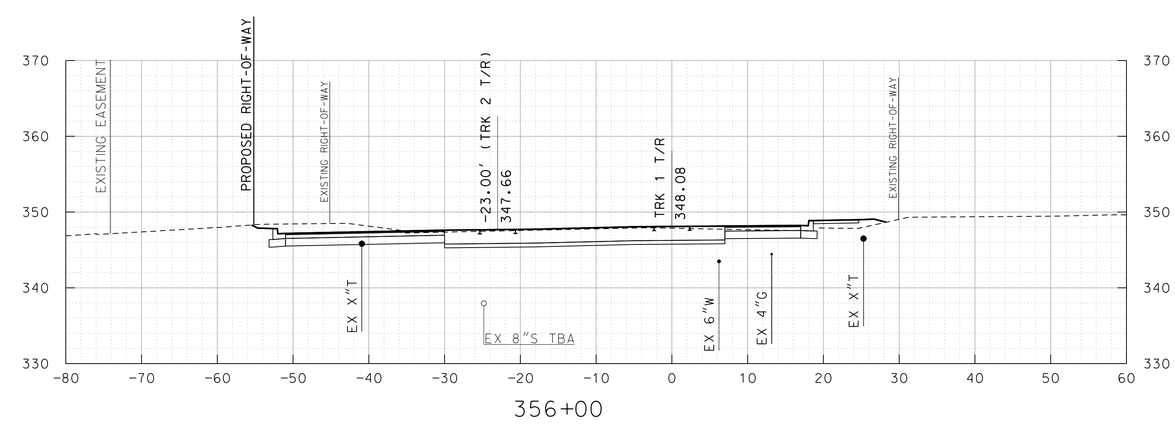
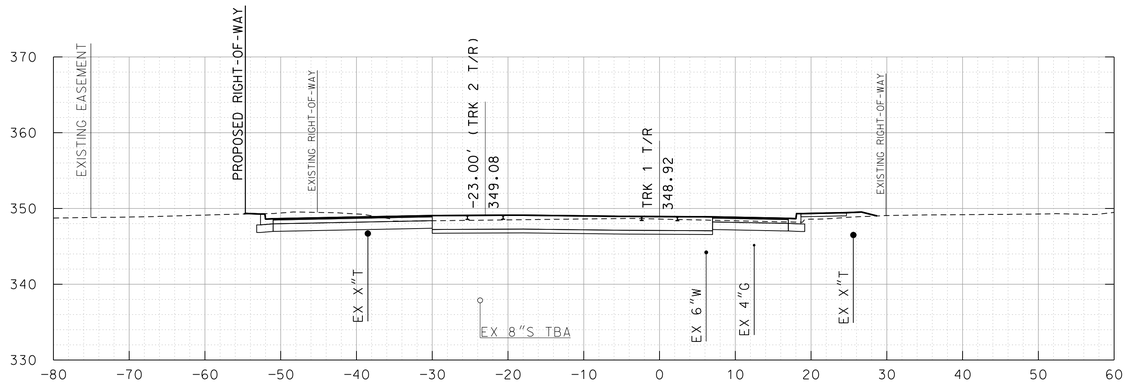
12/10/2013



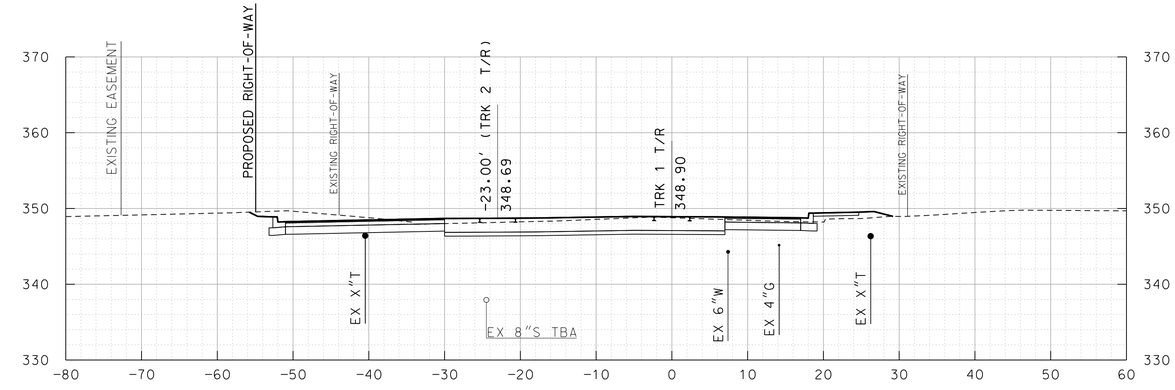
355+00



356+00



354+50



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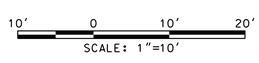

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 354+50 TO STA TRK 1 356+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-151
SHEET NO. 160 OF 736

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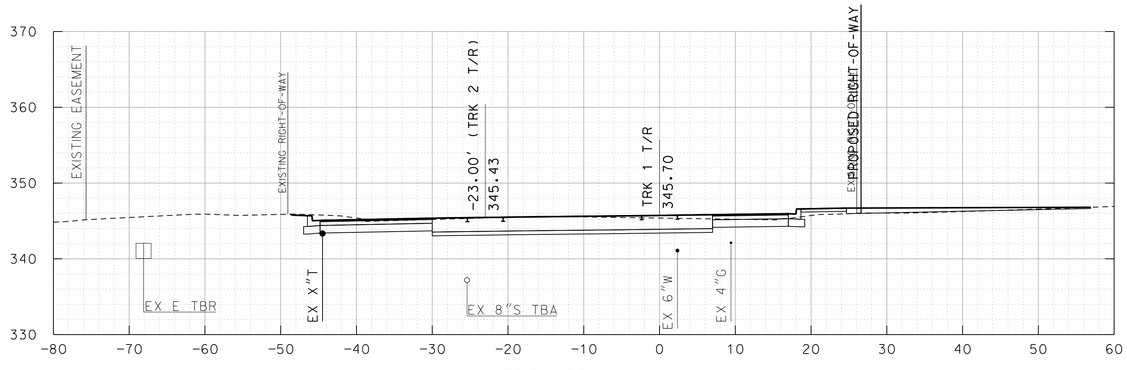
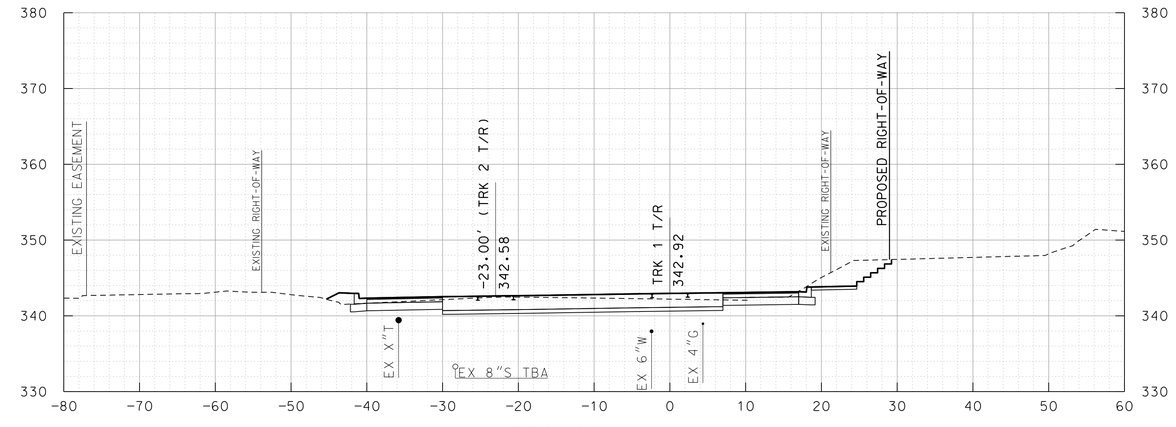
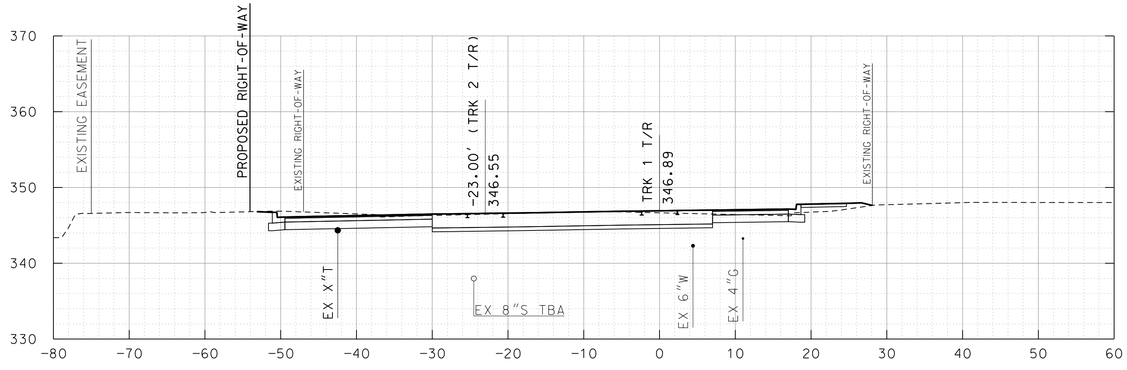
12/10/2013



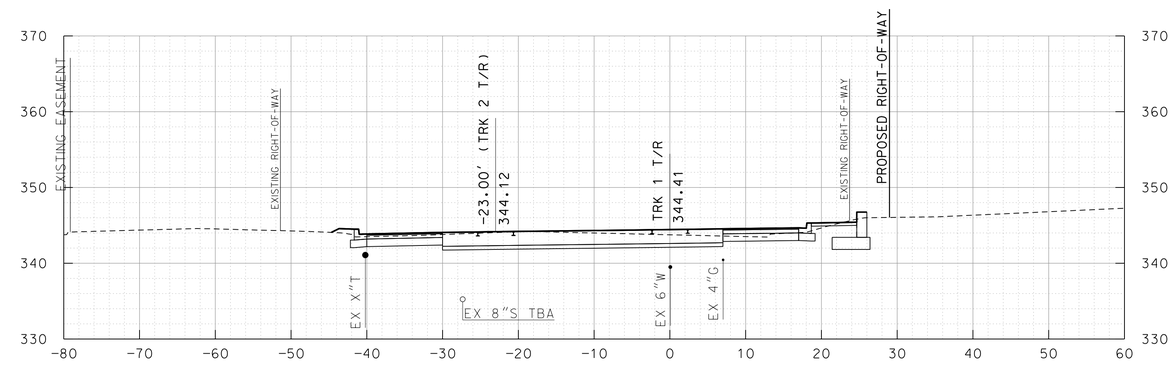
357+00



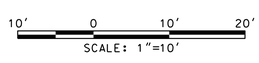
358+00



356+50



357+50



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 356+50 TO STA TRK 1 358+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-152

SHEET NO. 161 OF 736

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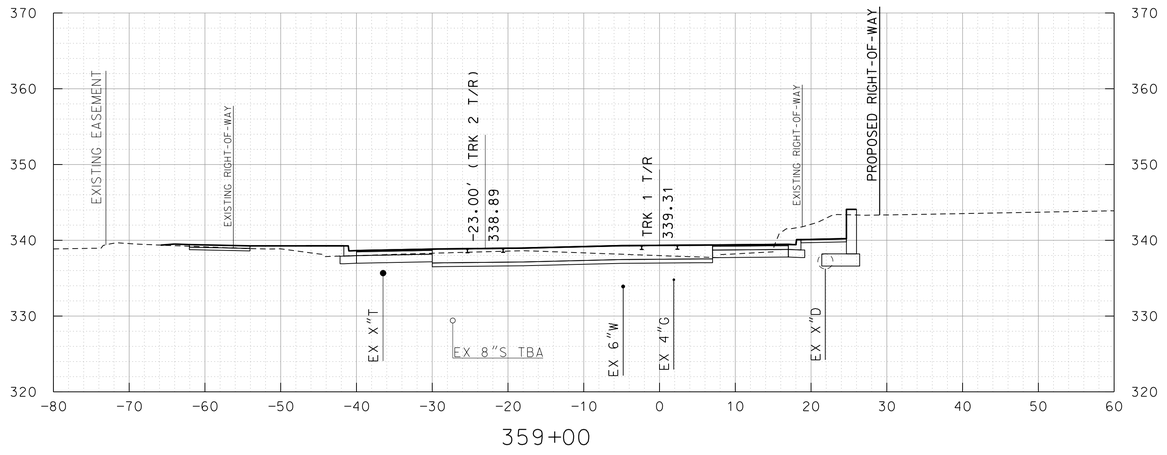
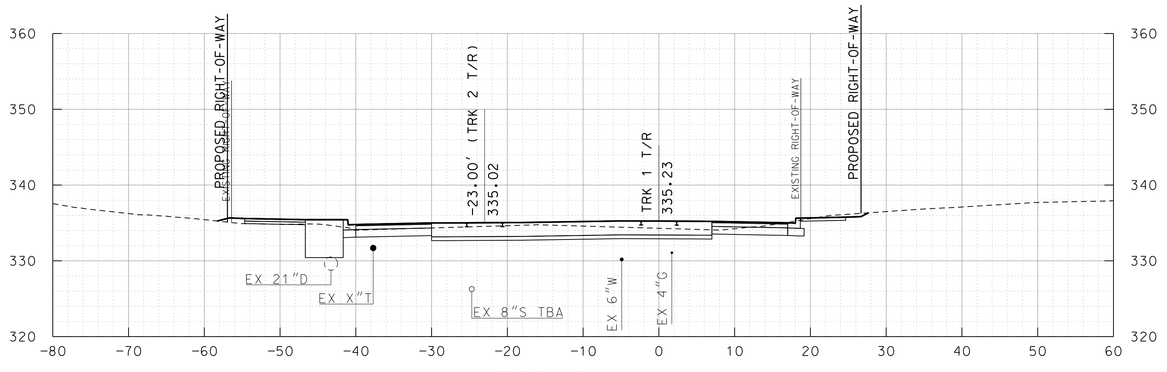
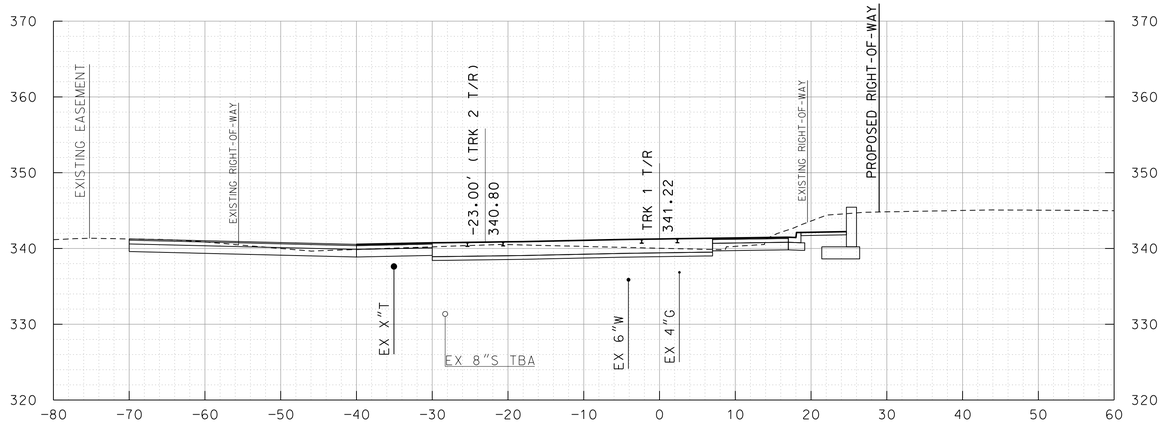
12/10/2013



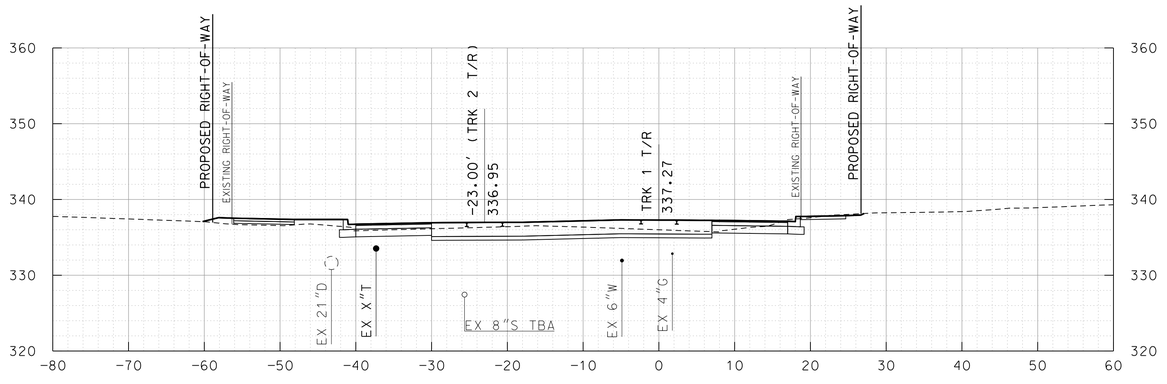
359+00



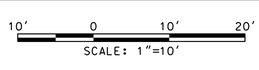
360+00



358+50



359+50



MARYLAND DEPARTMENT OF TRANSPORTATION

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Gannett Fleming — WR&A

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 358+50 TO STA TRK 1 360+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-153

SHEET NO. 162 OF 736

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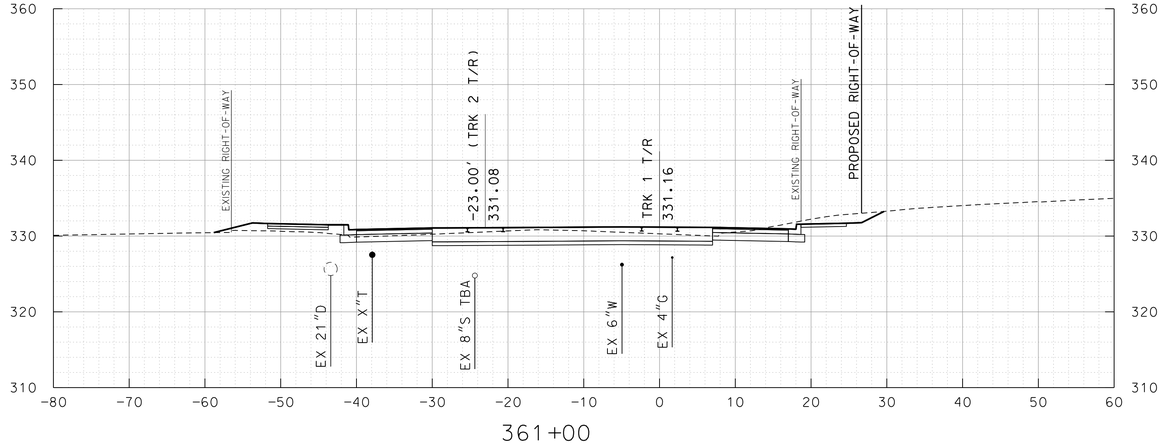
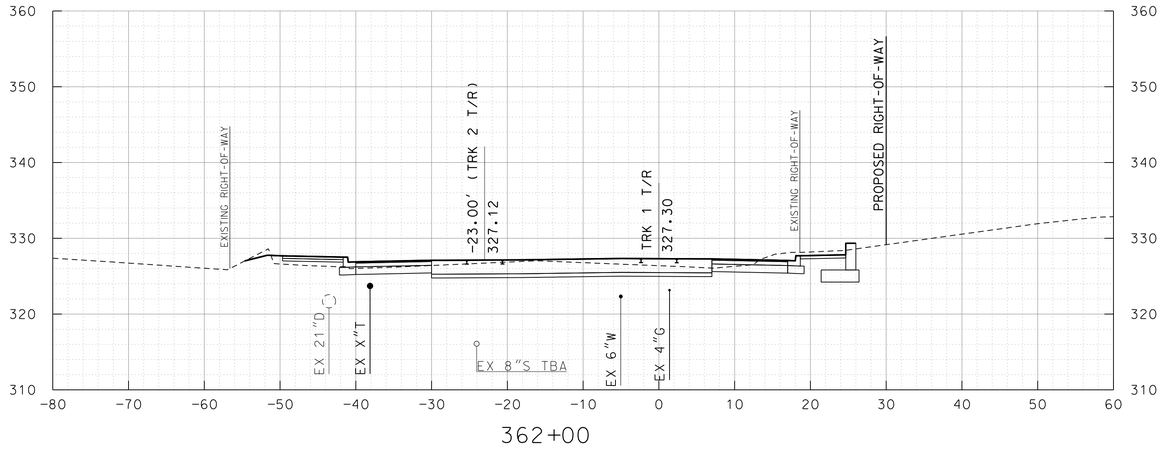
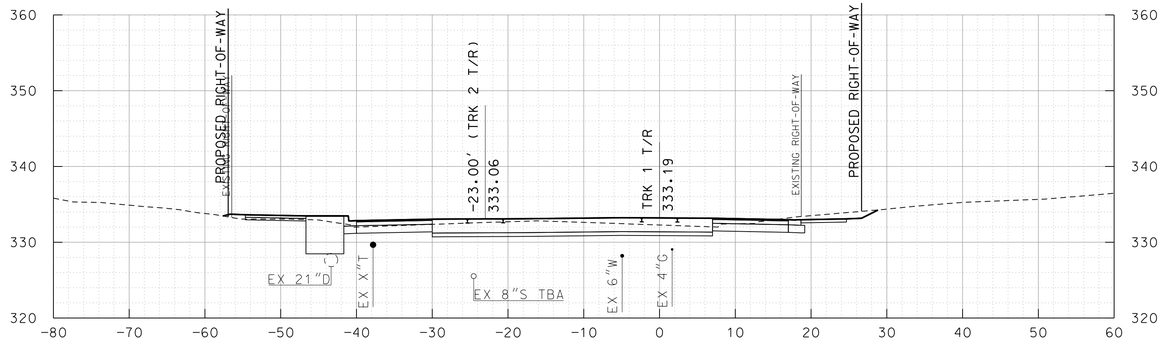
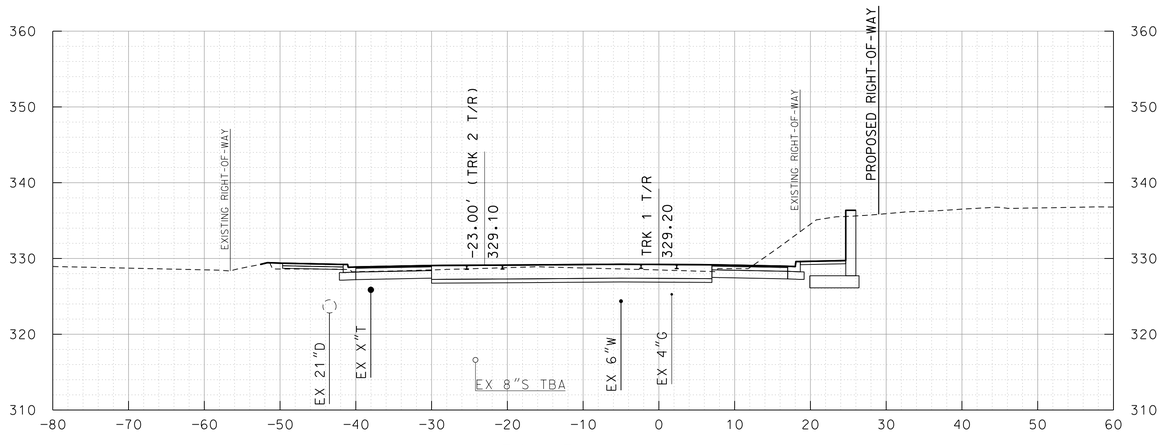
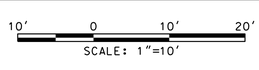
12/10/2013











MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

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DESIGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 360+50 TO STA TRK 1 362+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-154

SHEET NO. 163 OF 736

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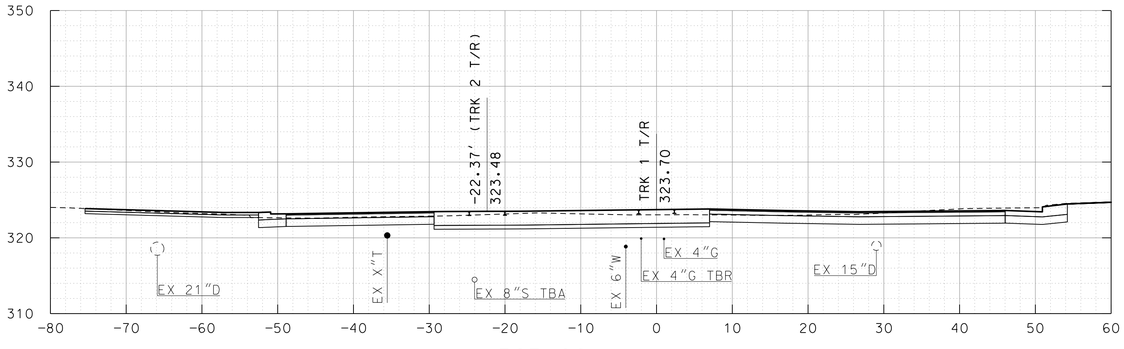
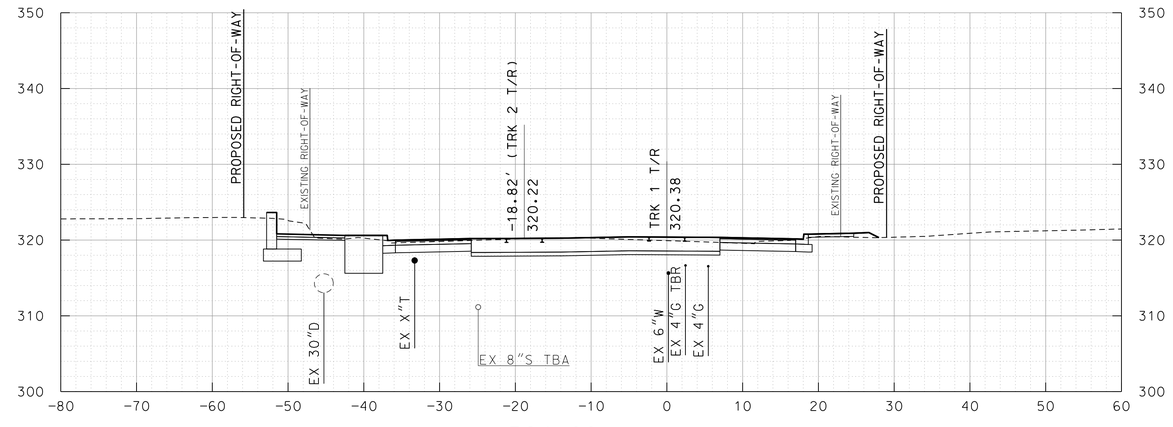
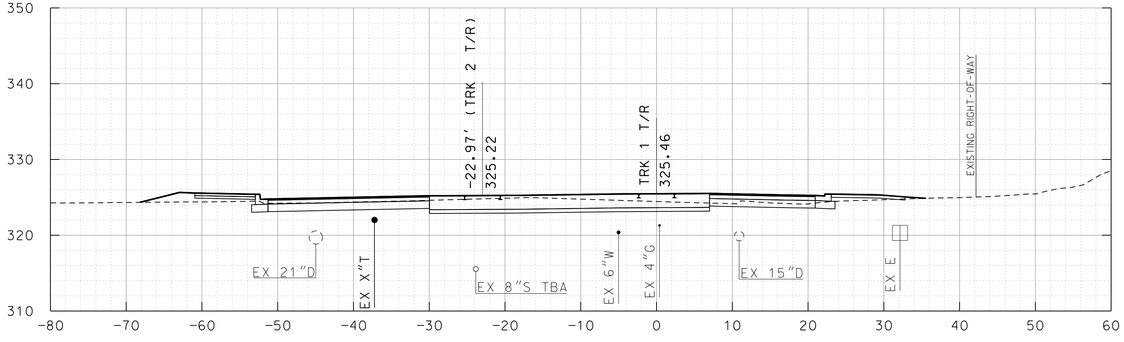
12/10/2013



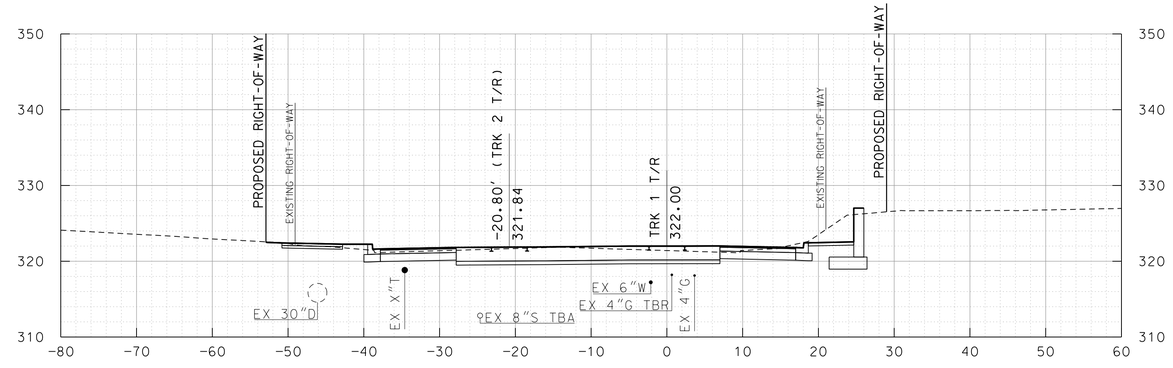
363+00



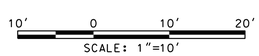
364+00



362+50



363+50



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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 362+50 TO STA TRK 1 364+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-155

SHEET NO. 164 OF 736

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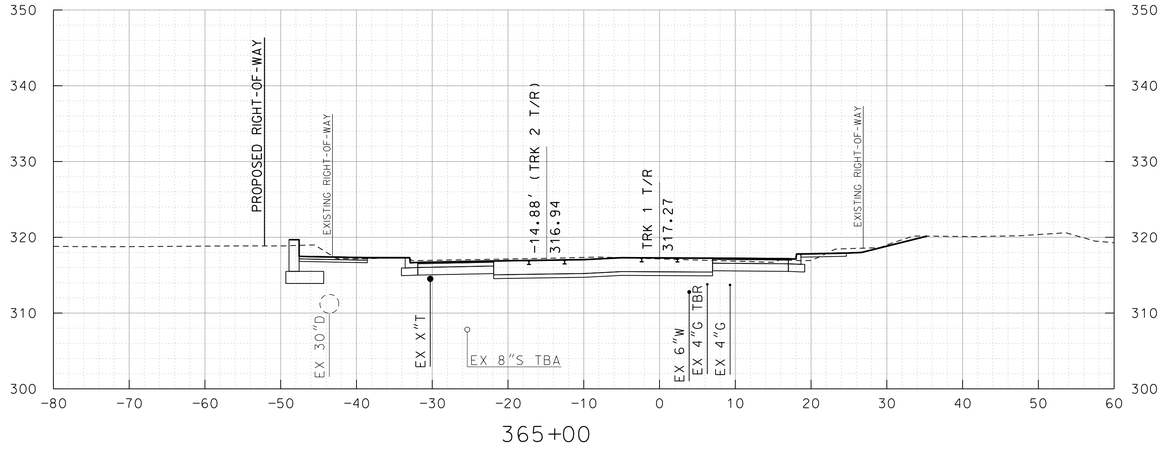
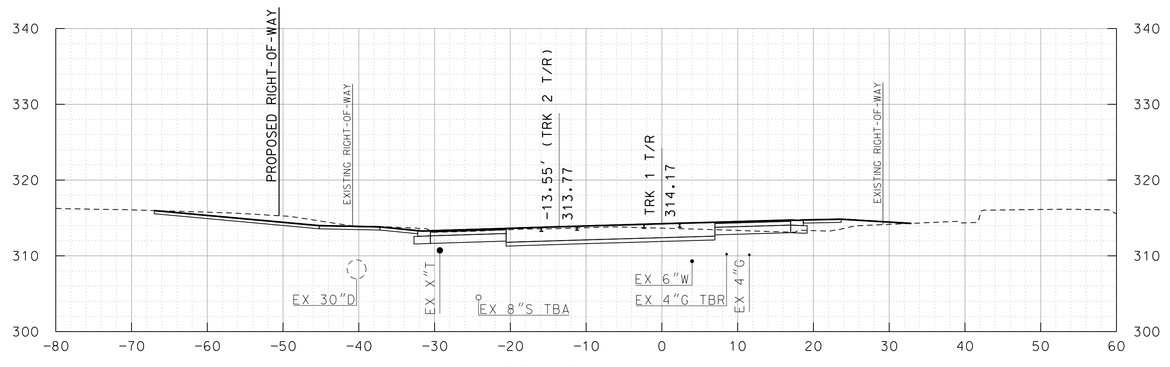
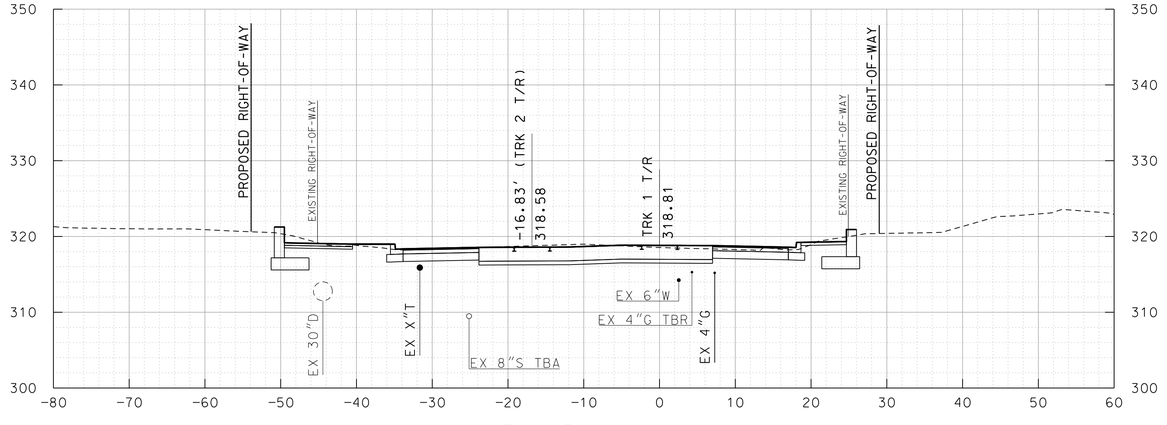
12/10/2013



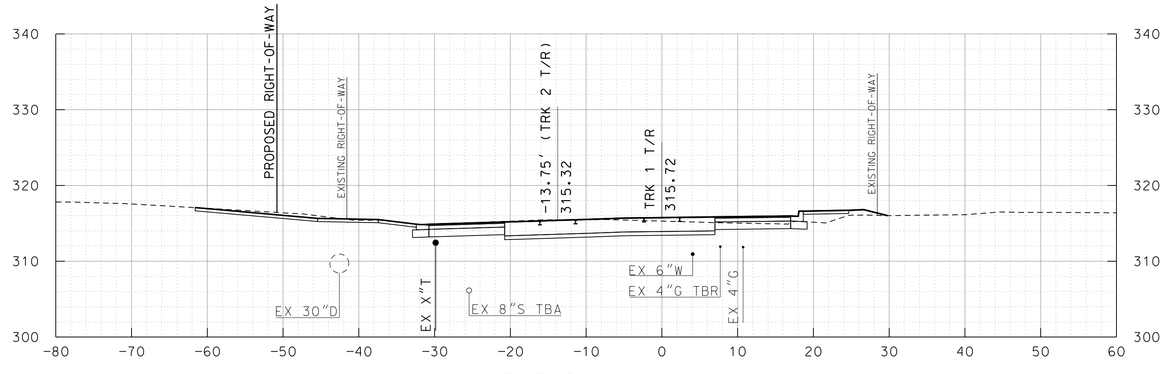
365+00



366+00



364+50



365+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 364+50 TO STA TRK 1 366+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-156
SHEET NO. 165 OF 736

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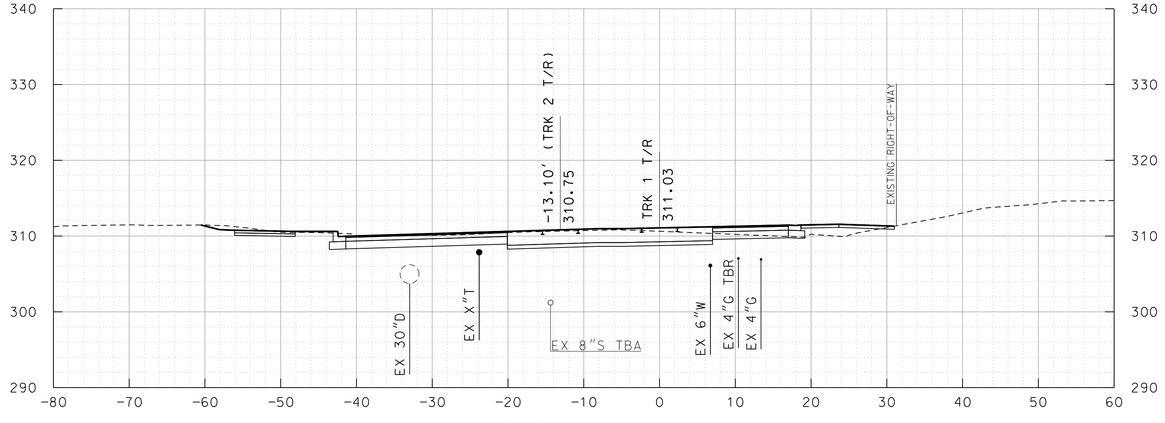
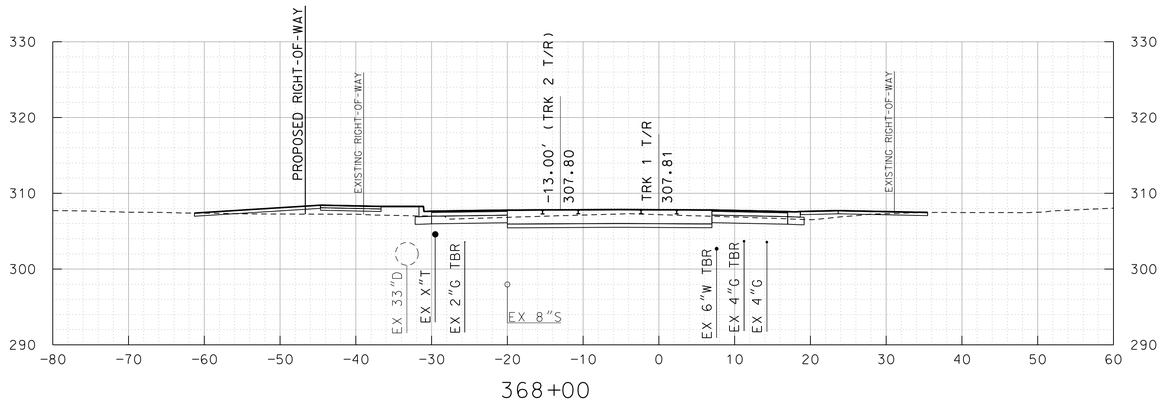
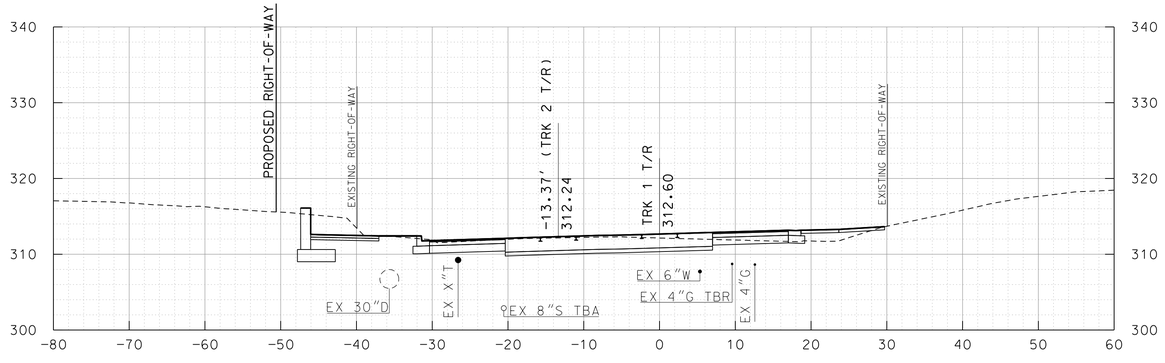
12/10/2013



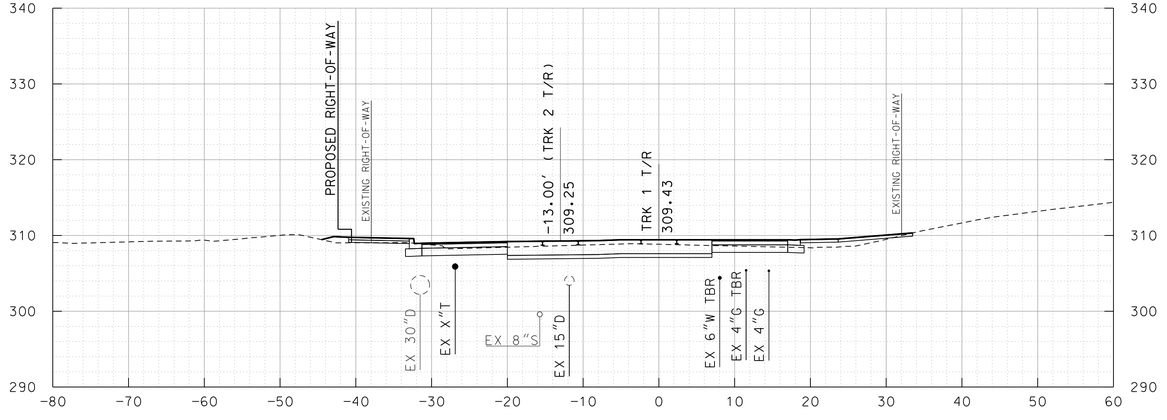
367+00



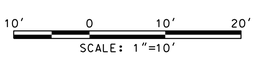
368+00



366+50



367+50



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Gannett Fleming — WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 366+50 TO STA TRK 1 368+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-157

SHEET NO. 166 OF 736

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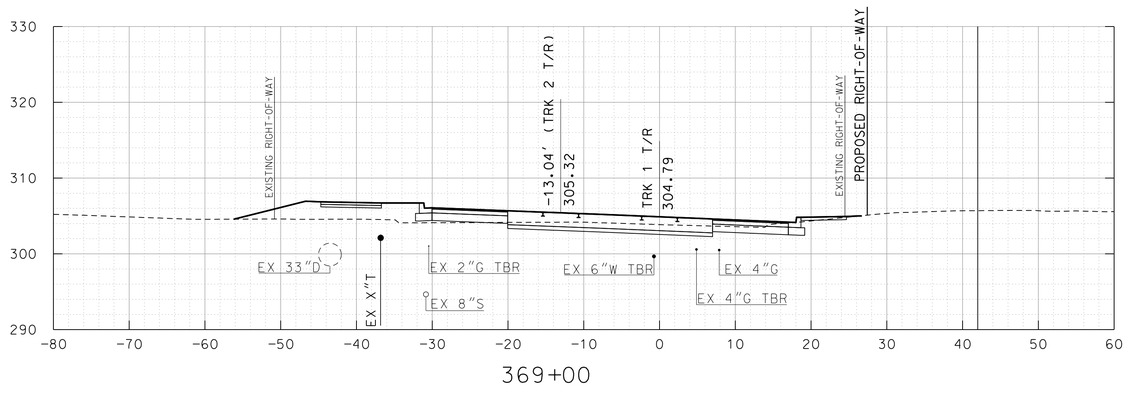
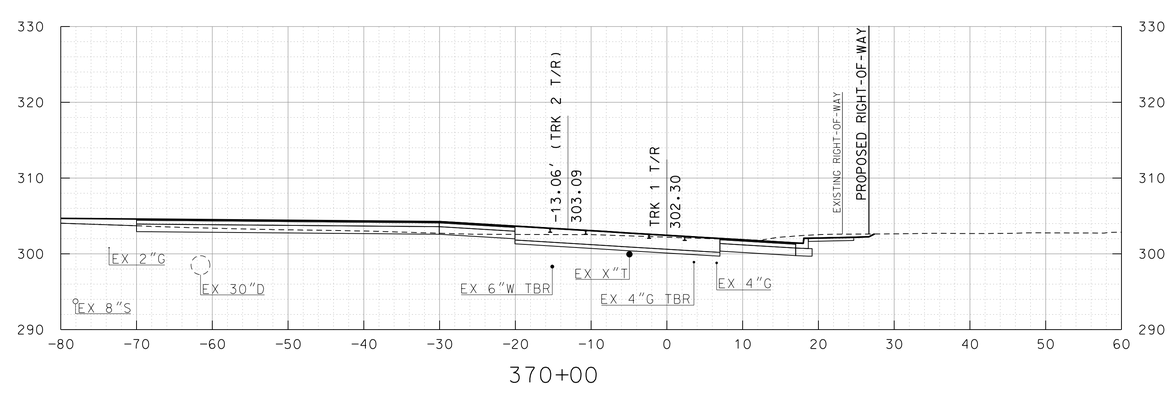
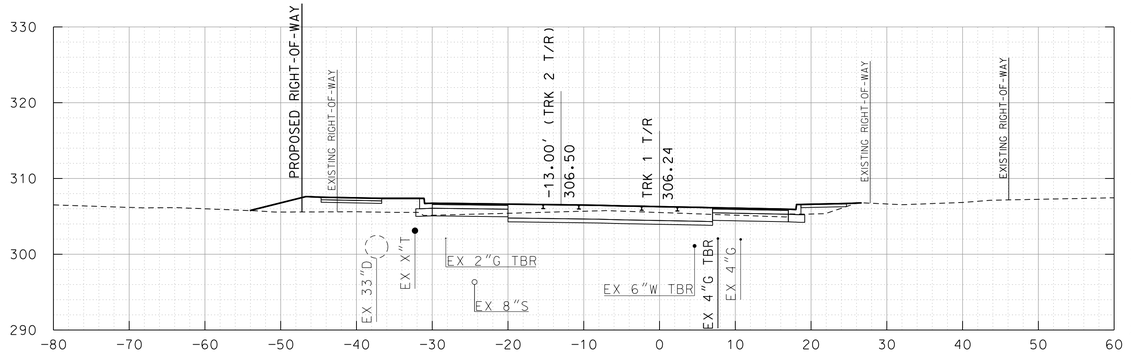
12/10/2013



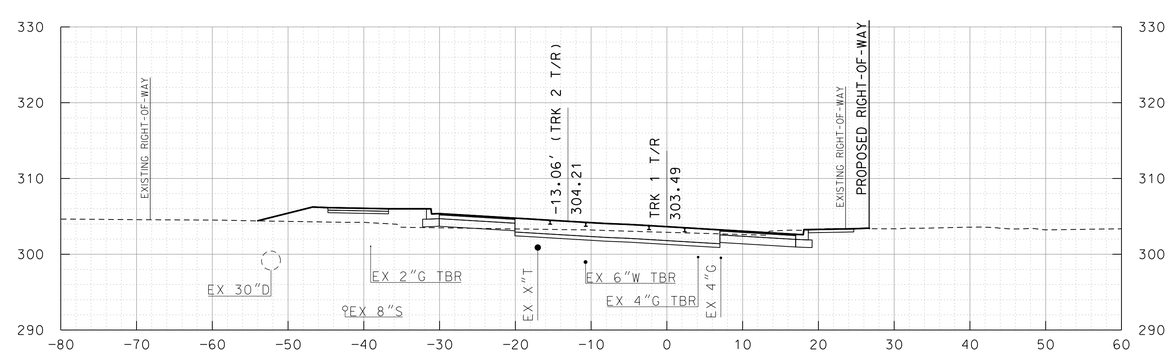
369+00



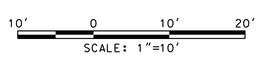
370+00



368+50



369+50



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

JACOBS

PROFESSIONAL CERTIFICATION

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License No. _____ Expiration Date _____

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 368+50 TO STA TRK 1 370+00

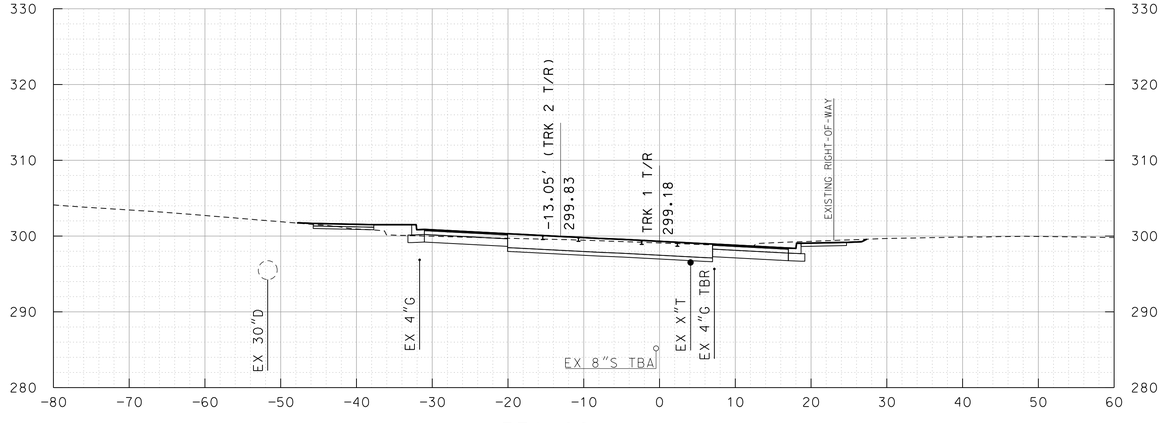
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

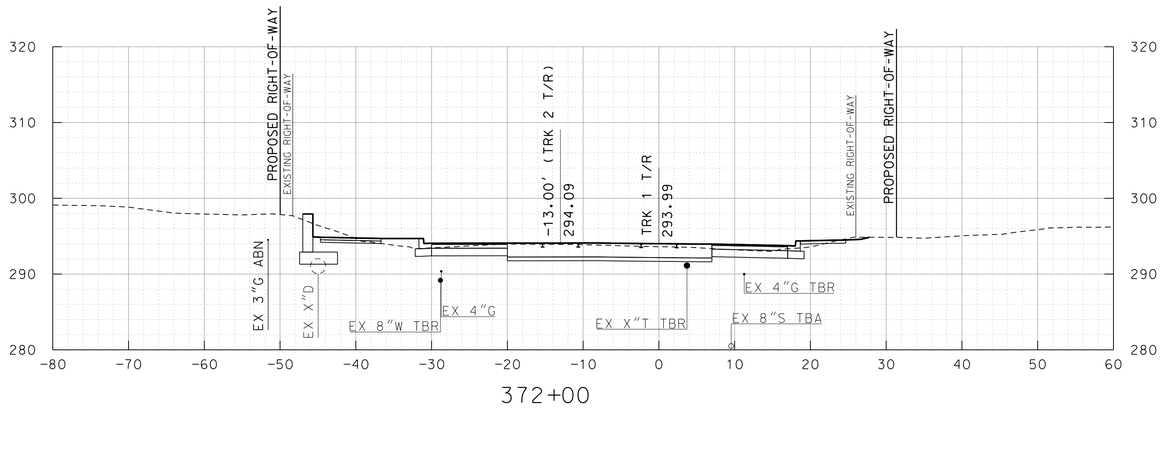
DRAWING NO. XS-158

SHEET NO. 167 OF 736

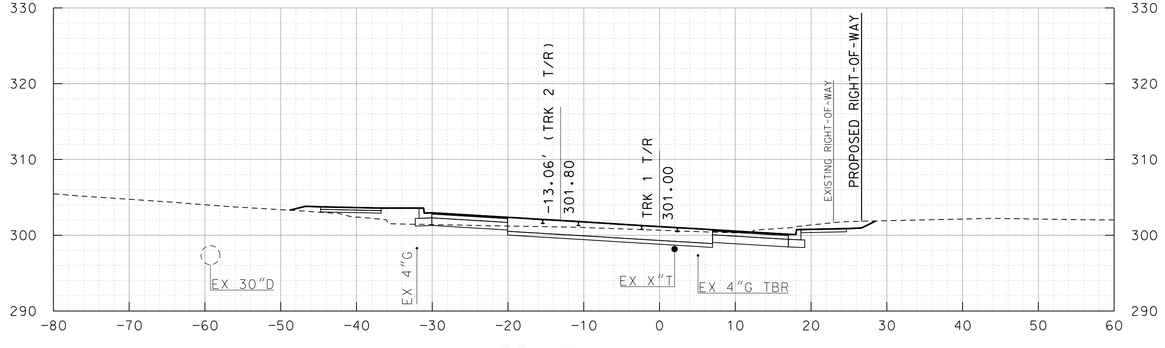
c:\pwworking\mtapw\je-benjamin foltz\dms96322\1042pXS3301.dgn
12/10/2013



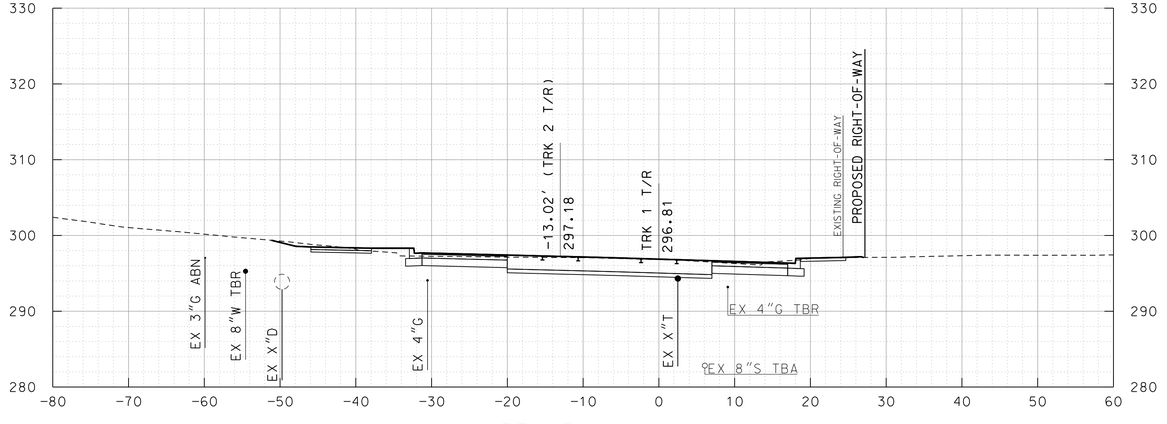
371+00



372+00



370+50



371+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

JACOBS

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DESGN
DRAWN
CHECK
APPR

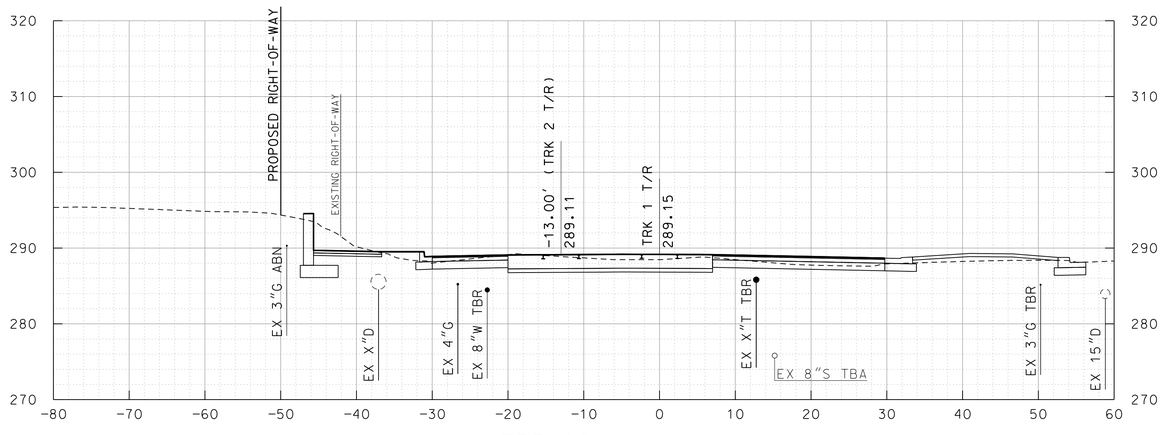
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 370+50 TO STA TRK 1 372+00

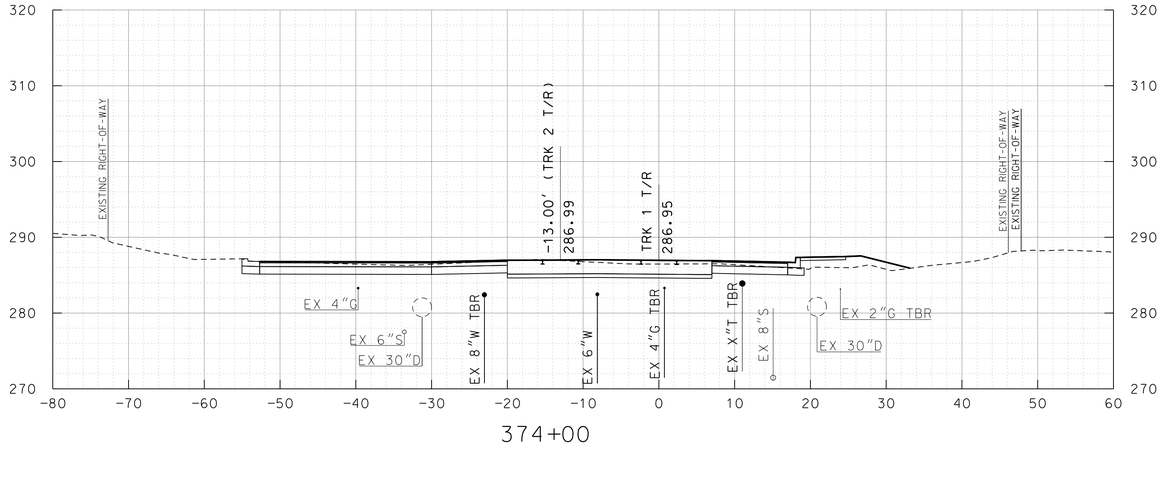
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-159
SHEET NO. 168 OF 736

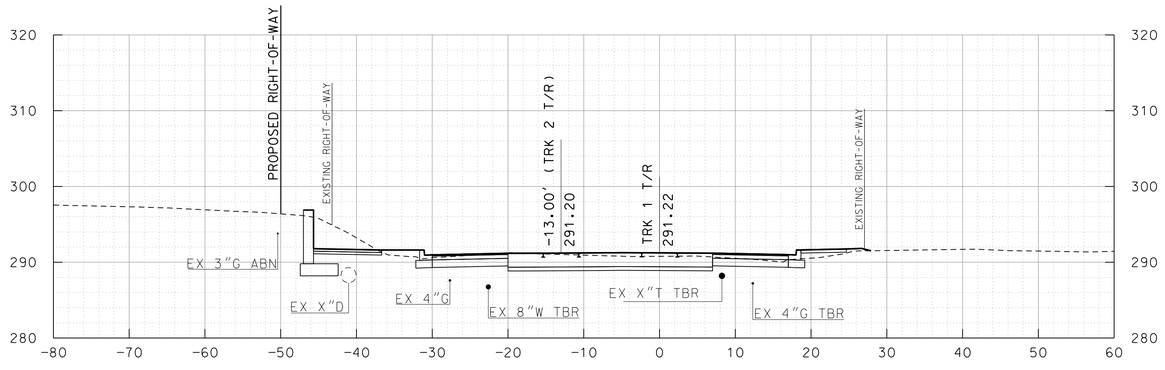
c:\pwworking\mtapw\je-benjamin foltz\dms96322\1042pXS3301.dgn
12/10/2013



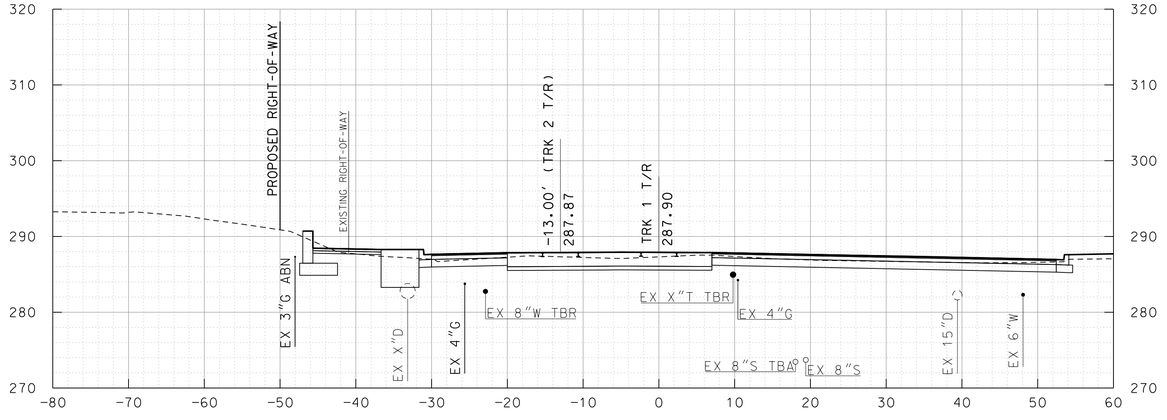
373+00



374+00



372+50



373+50

10' 0 10' 20'

SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 372+50 TO STA TRK 1 374+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-160

SHEET NO. 169 OF 736

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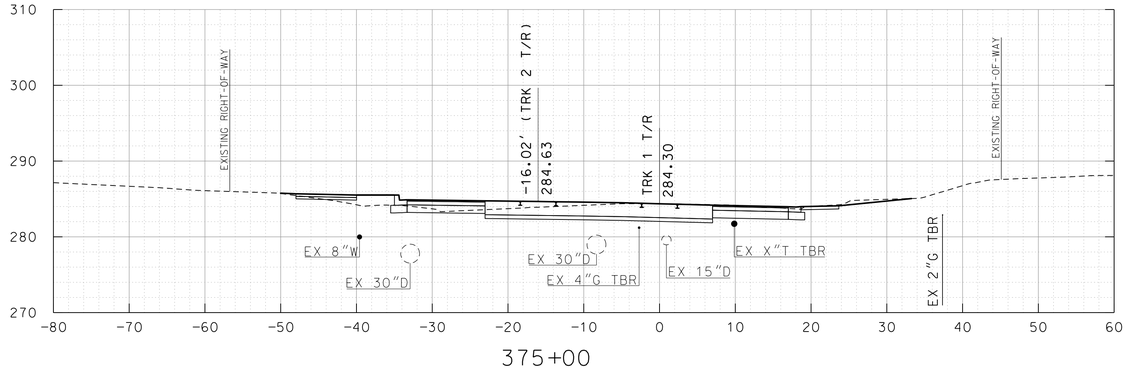
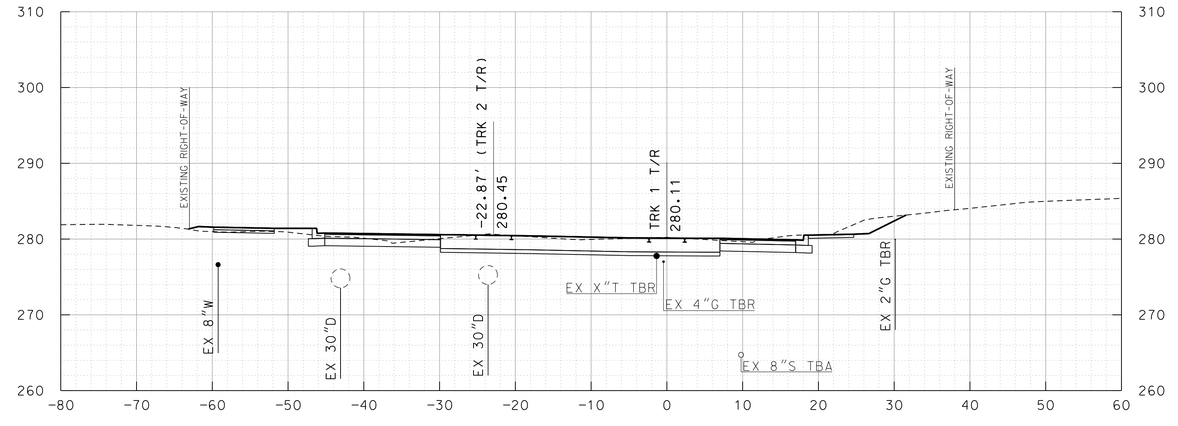
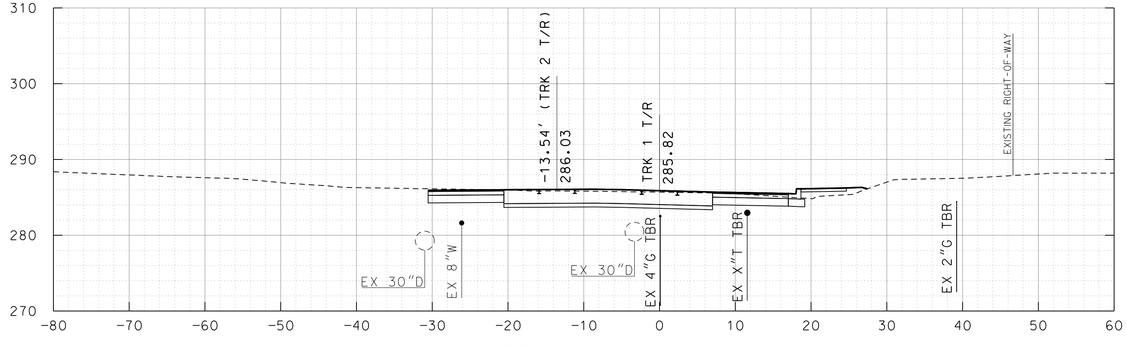
12/10/2013



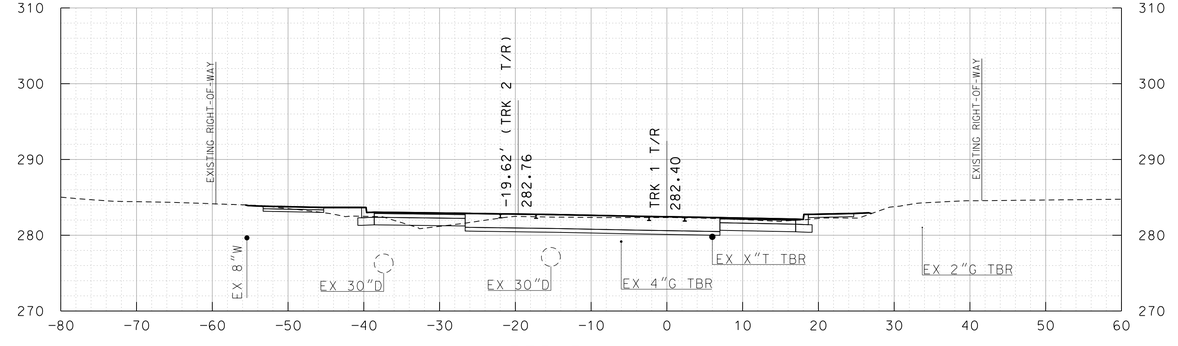
375+00



376+00



374+50



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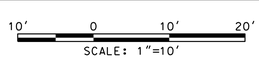

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 374+50 TO STA TRK 1 376+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-161

SHEET NO. 170 OF 736

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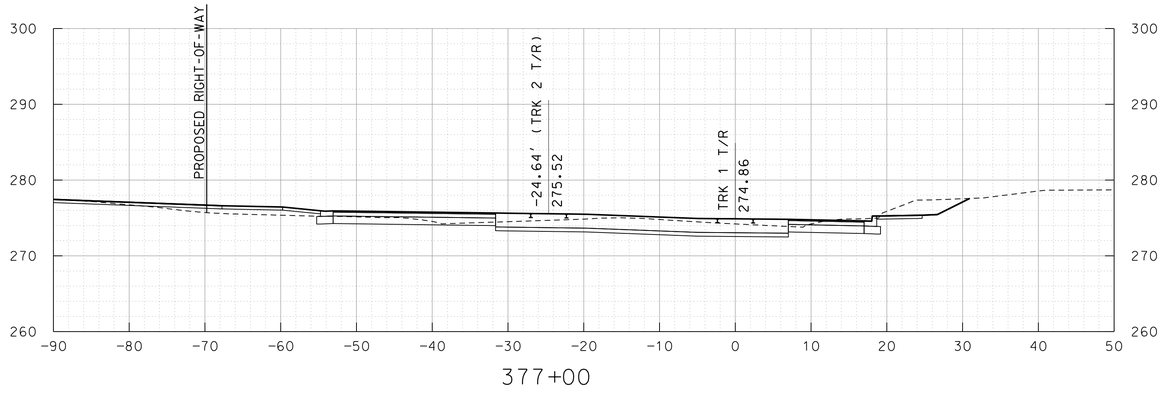
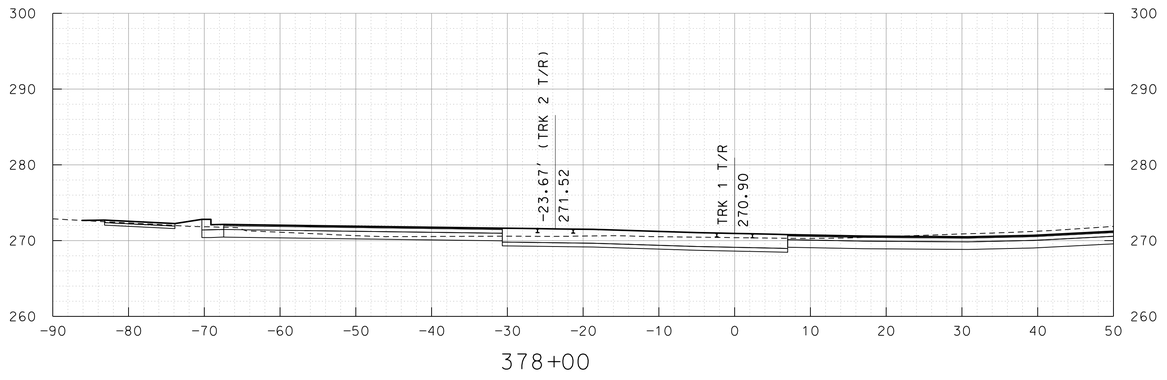
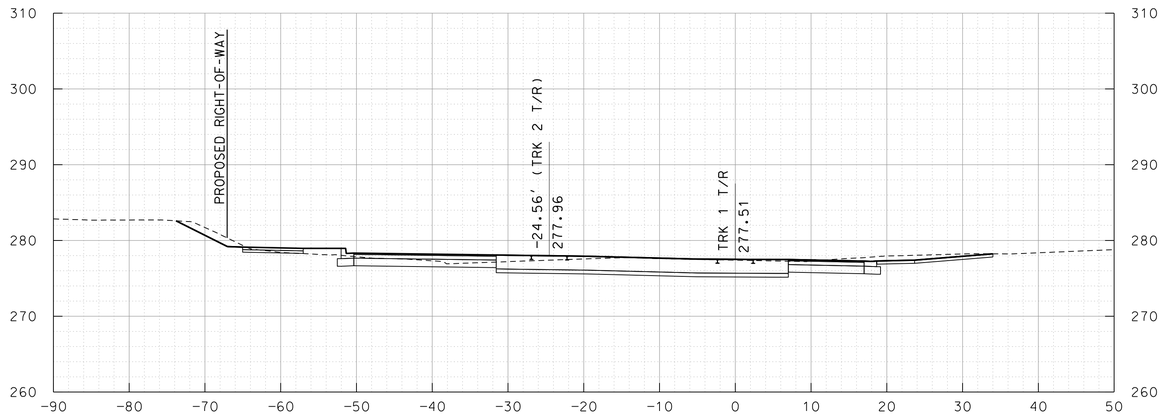
12/10/2013



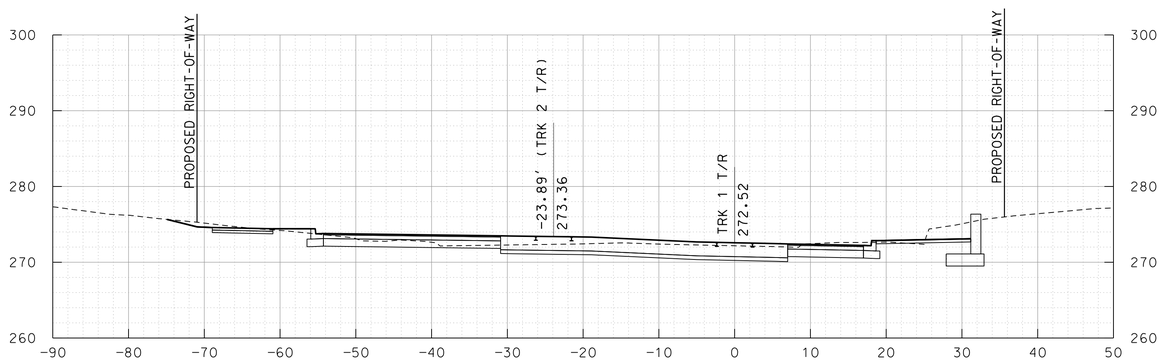
377+00



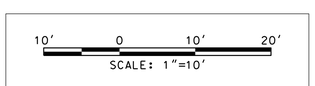
378+00



376+50



377+50



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 376+50 TO STA TRK 1 378+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-162
SHEET NO. 171 OF 736

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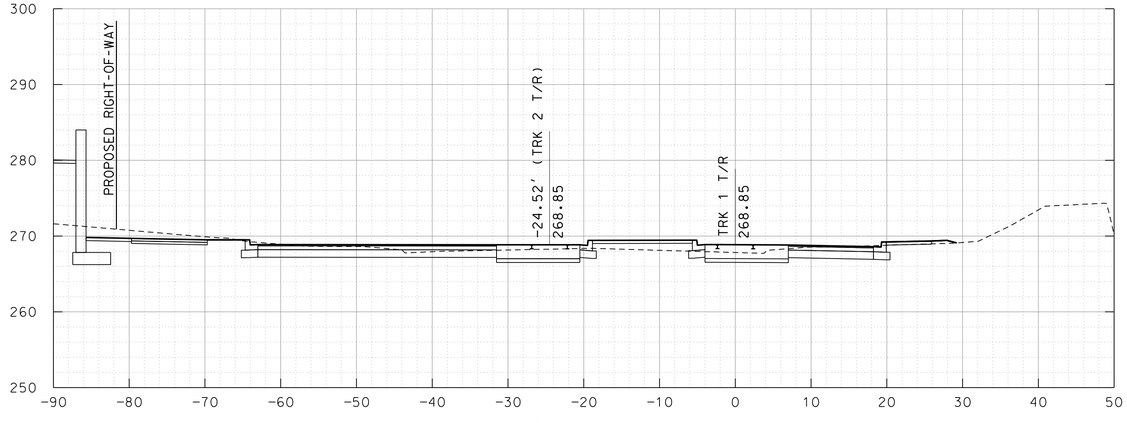
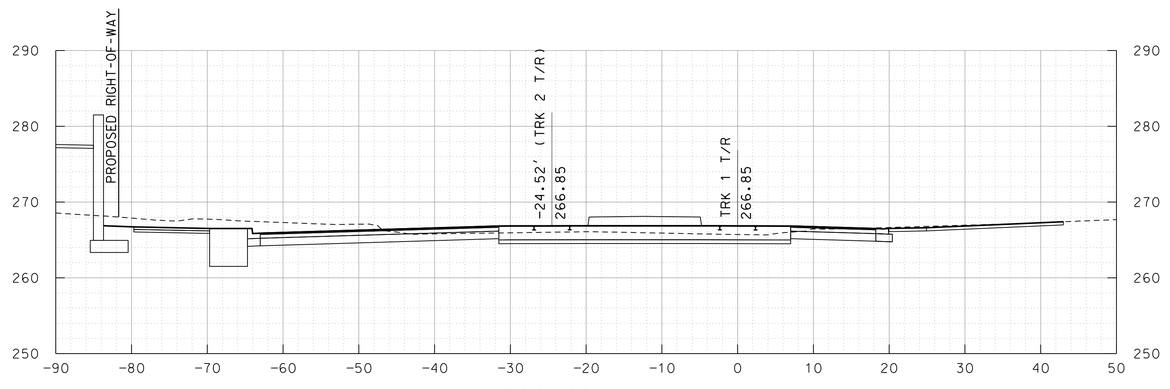
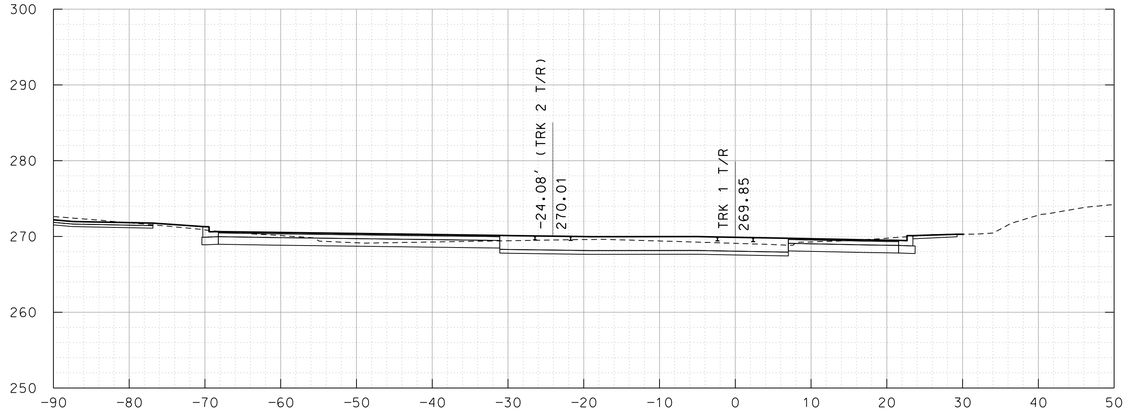
12/10/2013



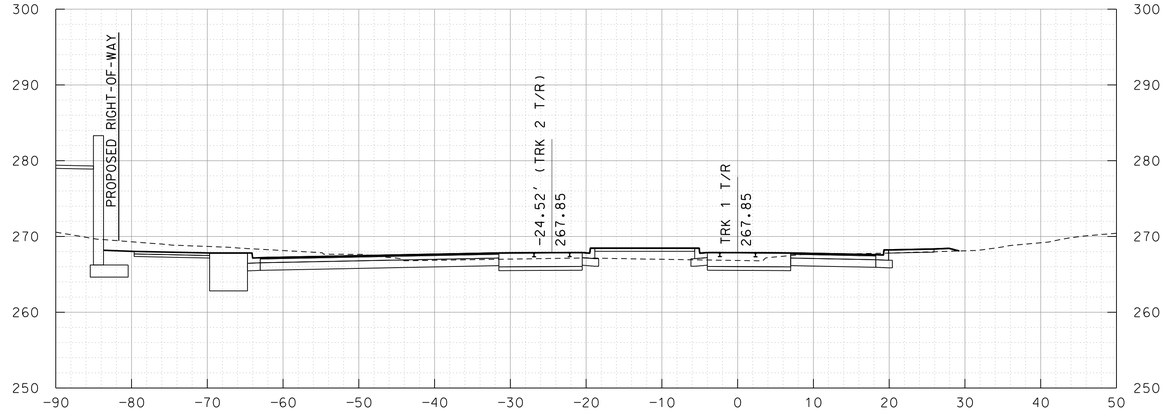
379+00



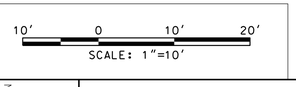
380+00



378+50



379+50



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

JACOBS

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 378+50 TO STA TRK 1 380+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-163

SHEET NO. 172 OF 736

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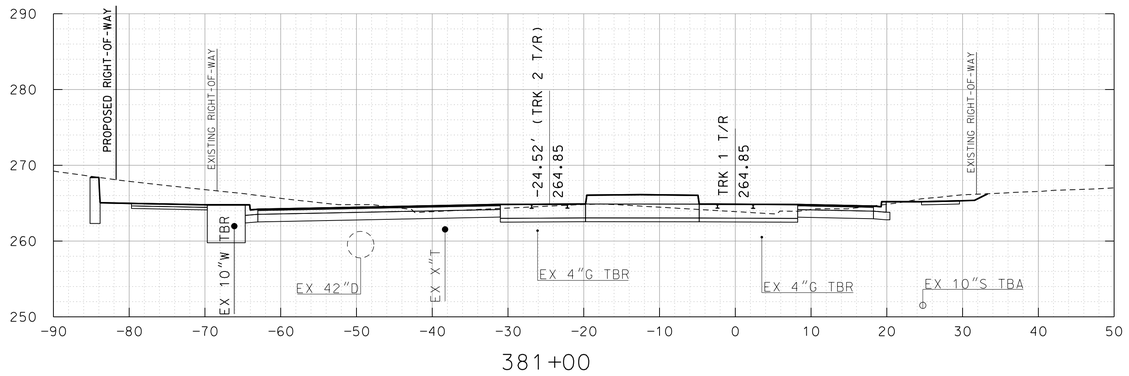
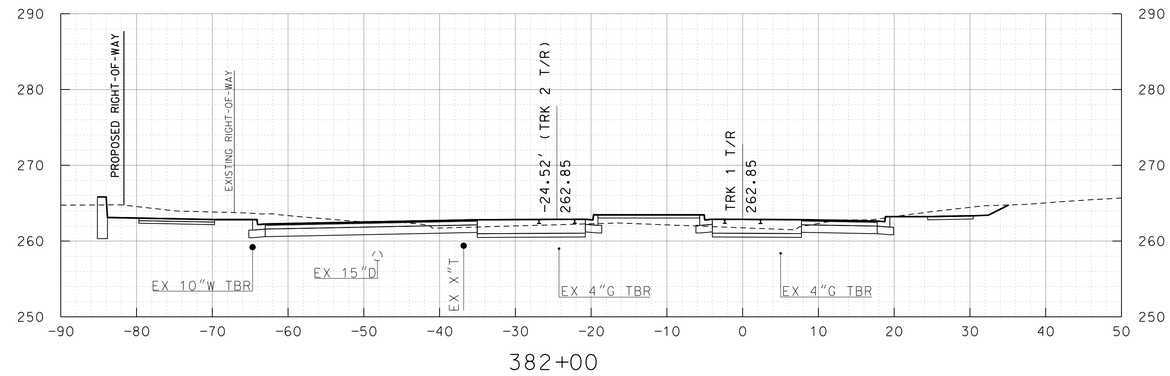
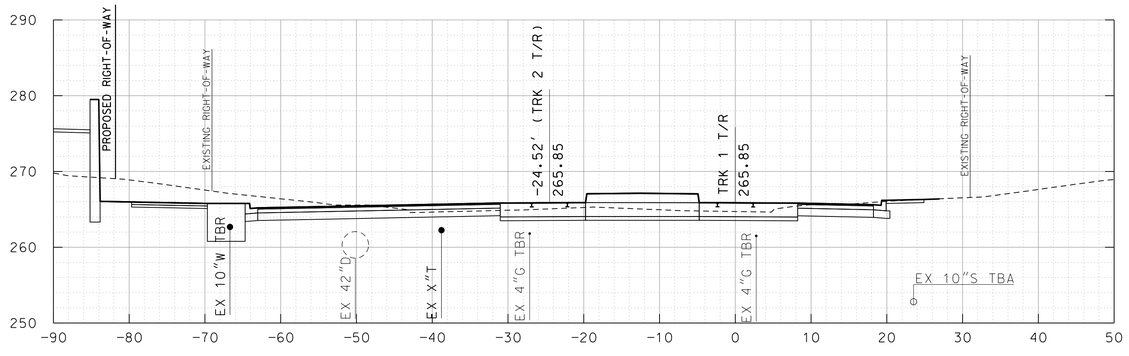
12/10/2013



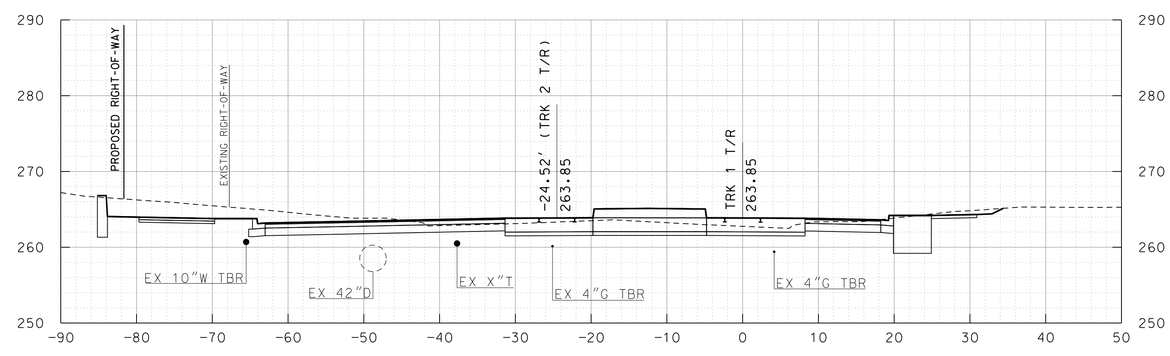
381+00



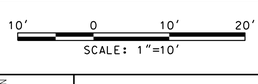
382+00



380+50



381+50



MARYLAND DEPARTMENT OF TRANSPORTATION

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Gannett Fleming — WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 380+50 TO STA TRK 1 382+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-164
SHEET NO. 173 OF 736

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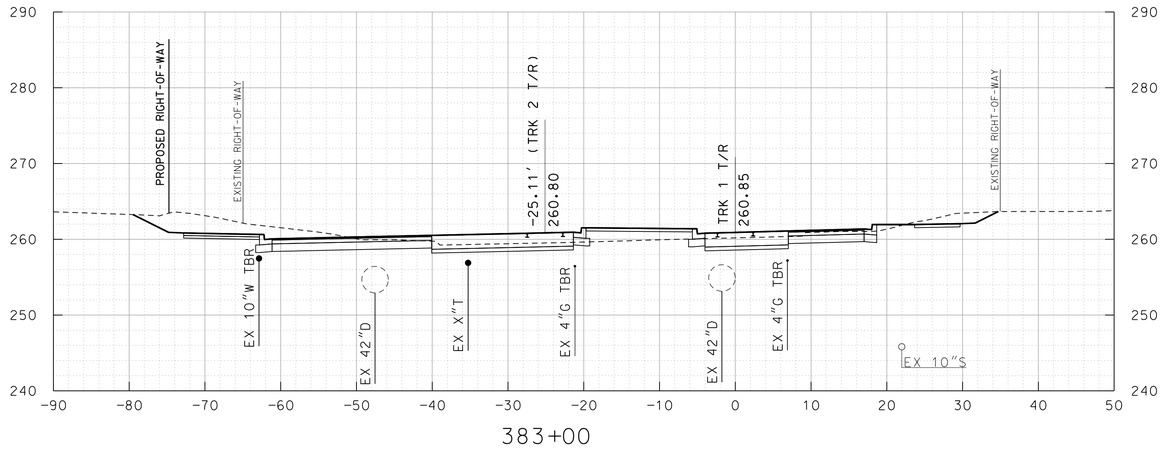
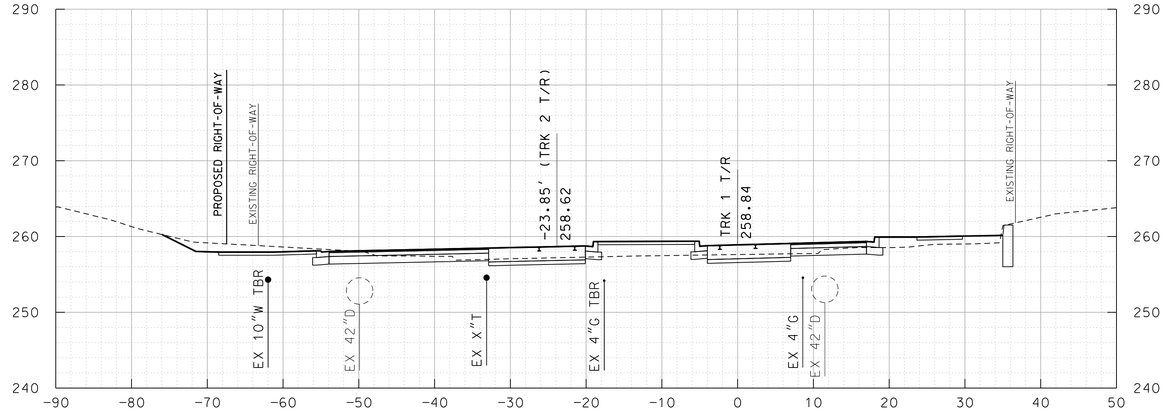
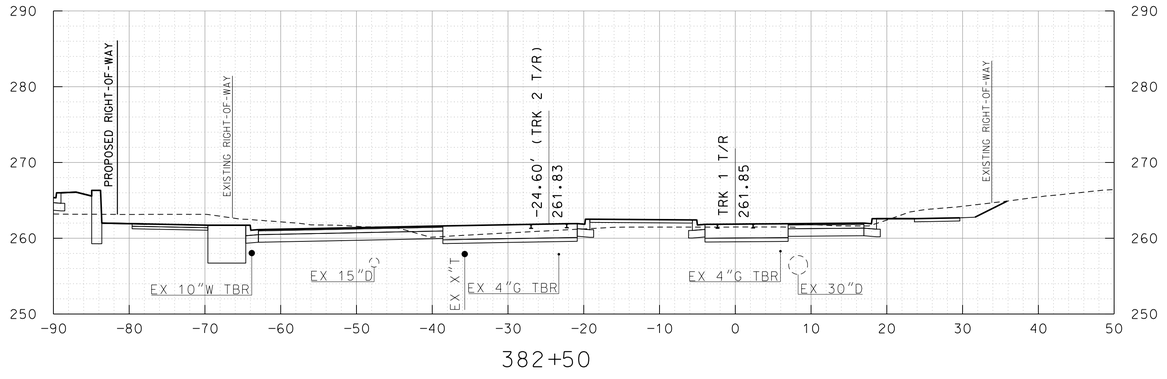
12/10/2013



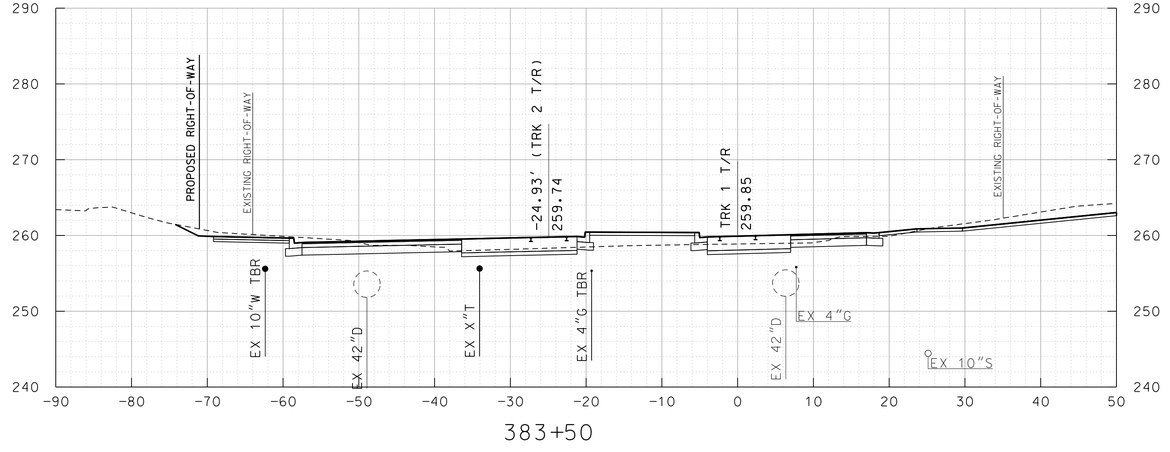
383+00



384+00



382+50



383+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

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DESGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 382+50 TO STA TRK 1 384+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO.
T-1042-0220

DRAWING NO.
XS-165

SHEET NO.
174 OF 736

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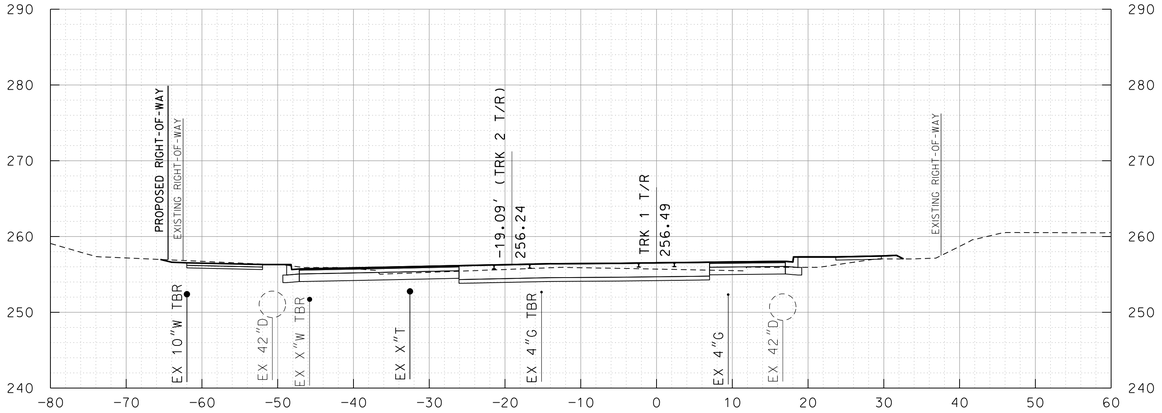
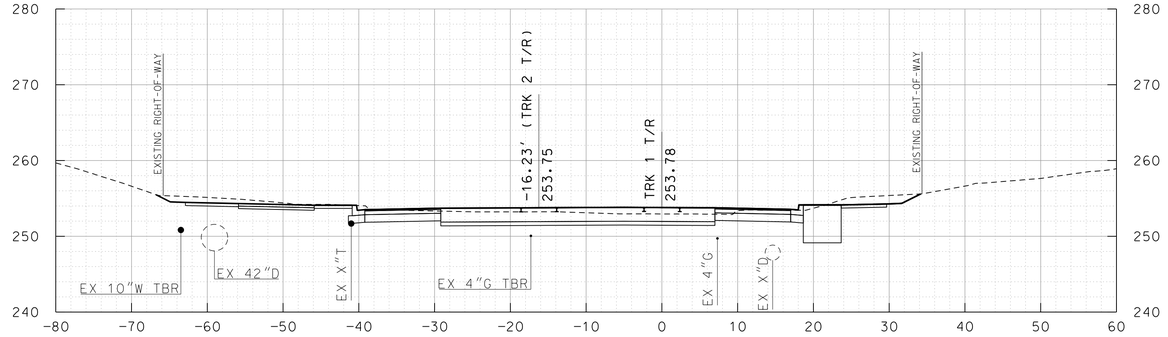
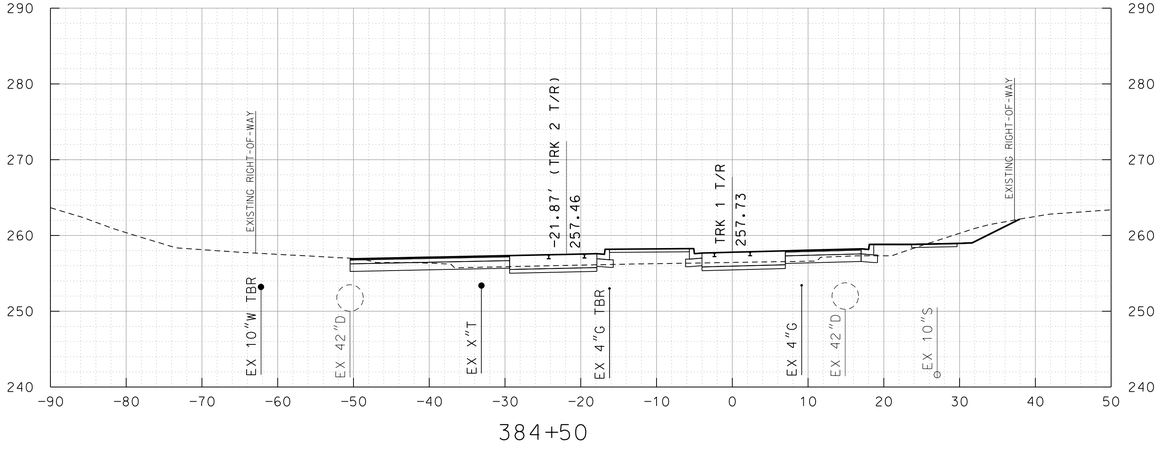
12/10/2013



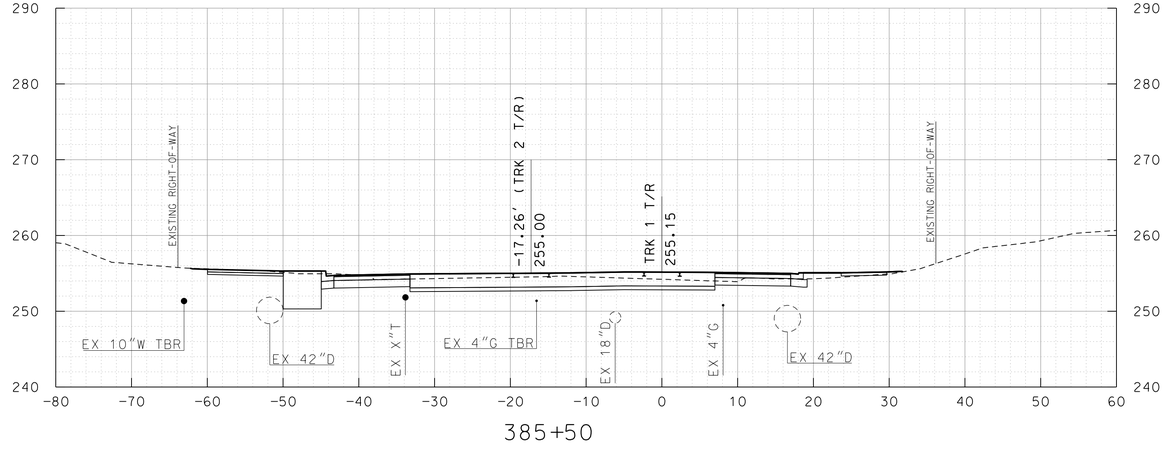
385+00



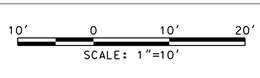
386+00



384+50



385+50



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

JACOBS

PROFESSIONAL CERTIFICATION

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License No. _____ Expiration Date _____

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DESGN	
DRAWN	
CHECK	
APPR	

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 384+50 TO STA TRK 1 386+00

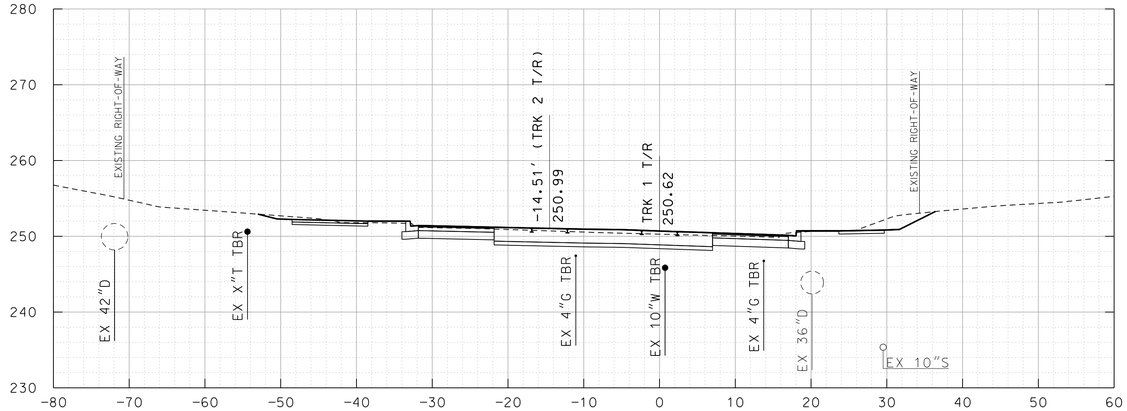
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

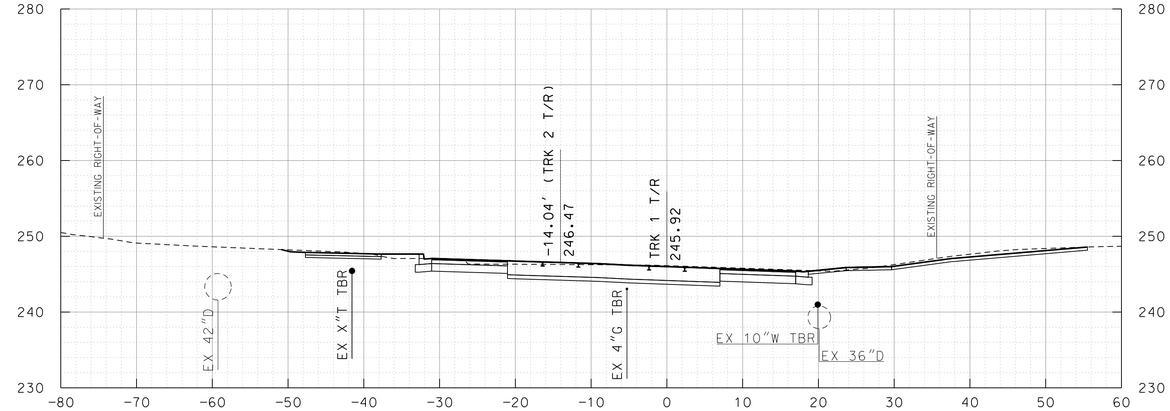
DRAWING NO. XS-166

SHEET NO. 175 OF 736

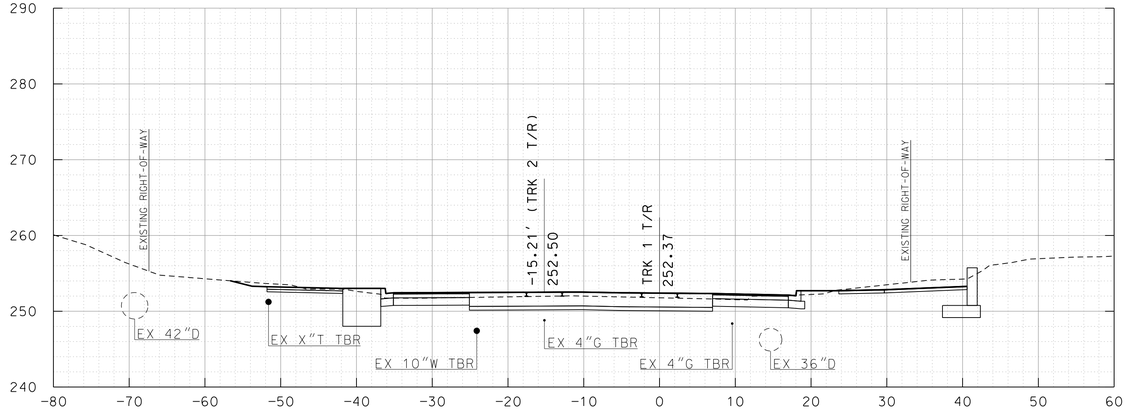
c:\pwworking\mtapw\je-benjamin foltz\dms96322\1042pXS3301.dgn
12/10/2013



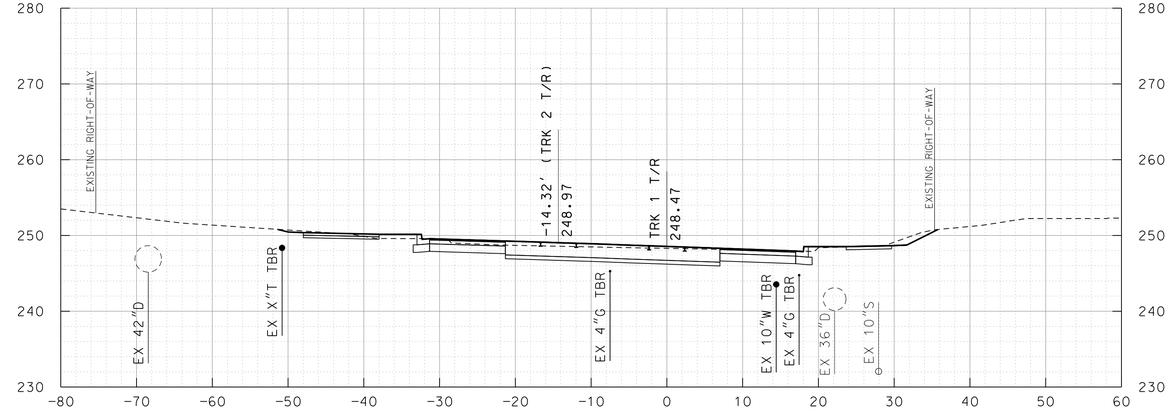
387+00



388+00



386+50



387+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

JACOBS

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DESGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 386+50 TO STA TRK 1 388+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO.
T-1042-0220

DRAWING NO.
XS-167

SHEET NO.
176 OF 736

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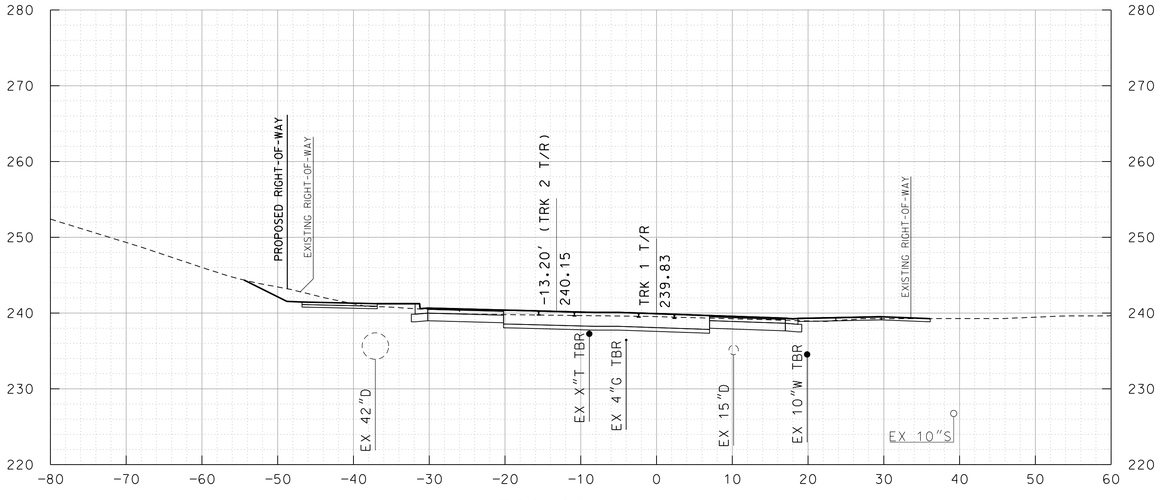
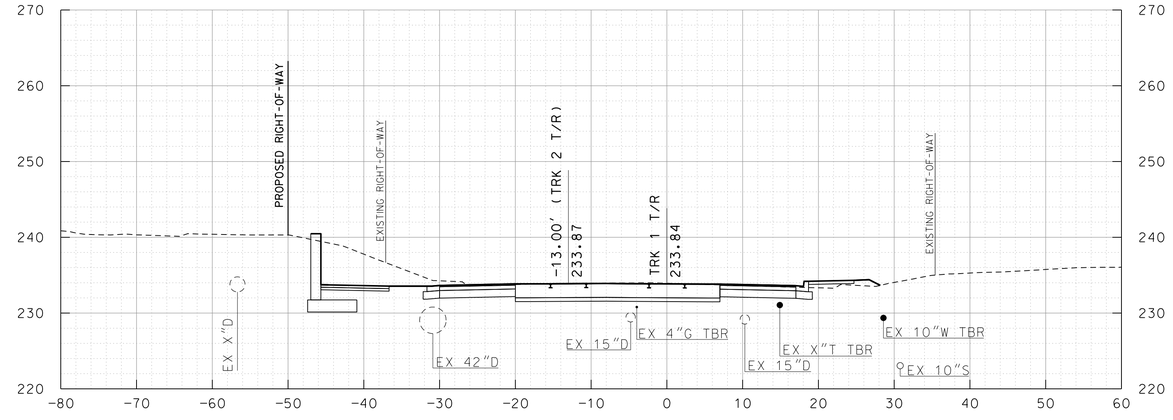
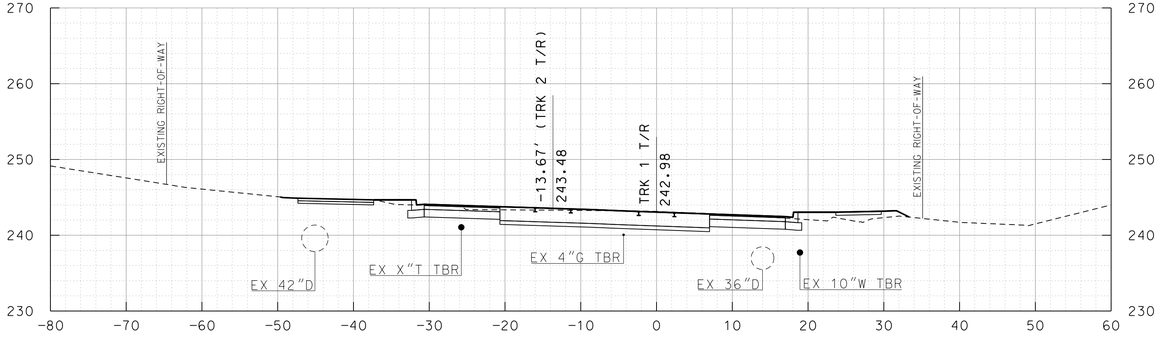
12/10/2013



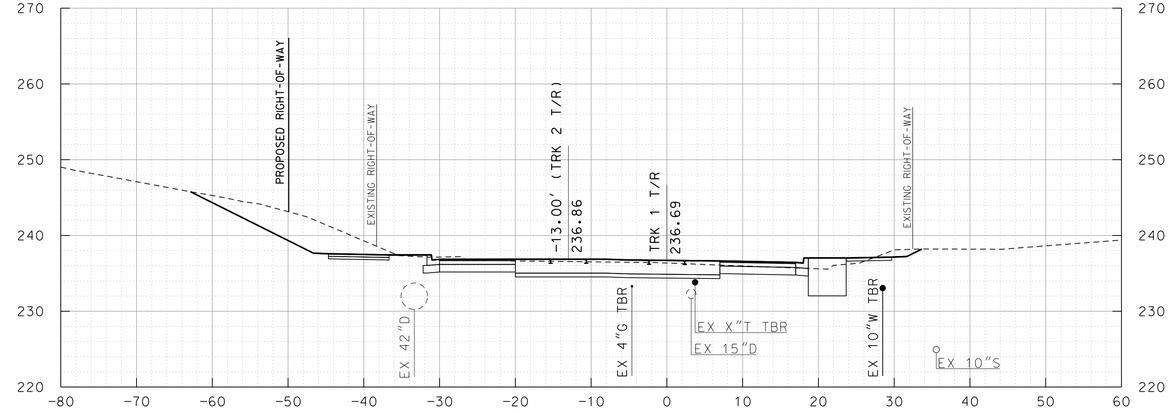
389+00



390+00



388+50



389+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

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DESIGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 388+50 TO STA TRK 1 390+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-168
SHEET NO. 177 OF 736

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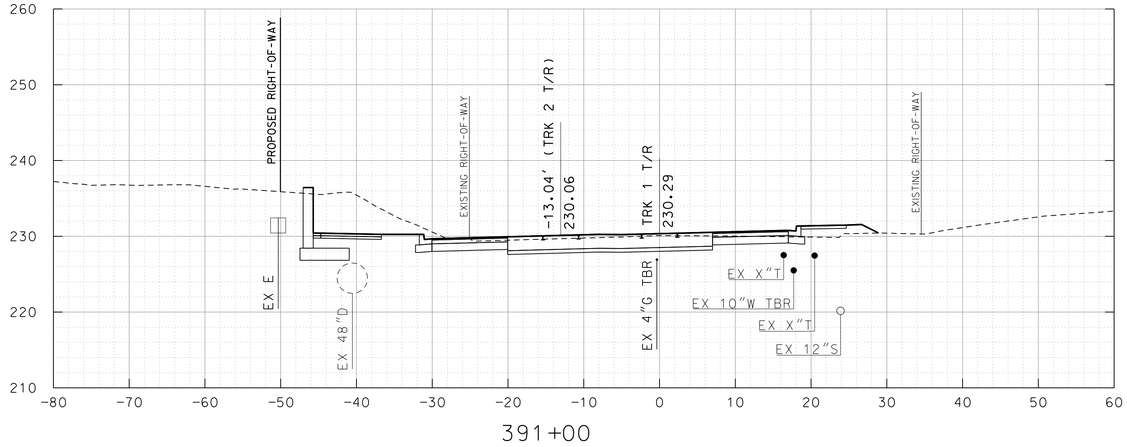
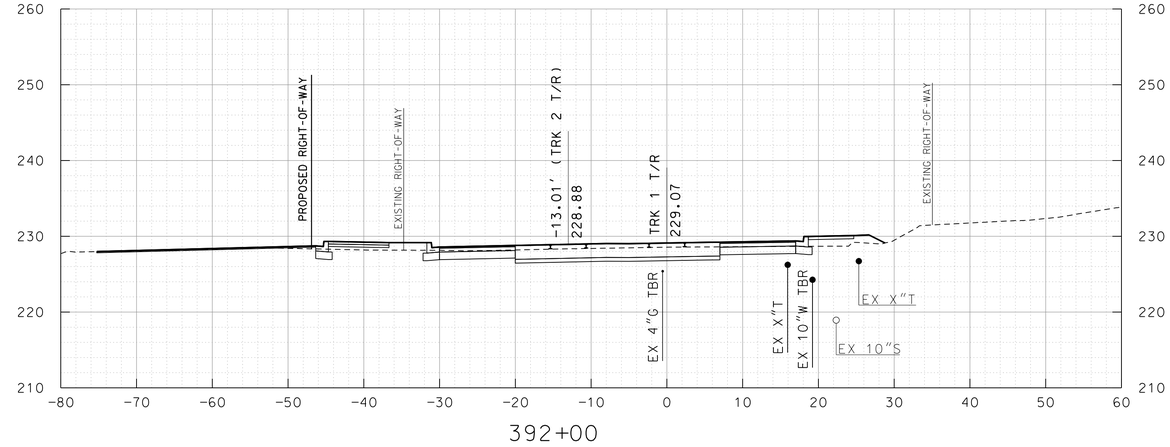
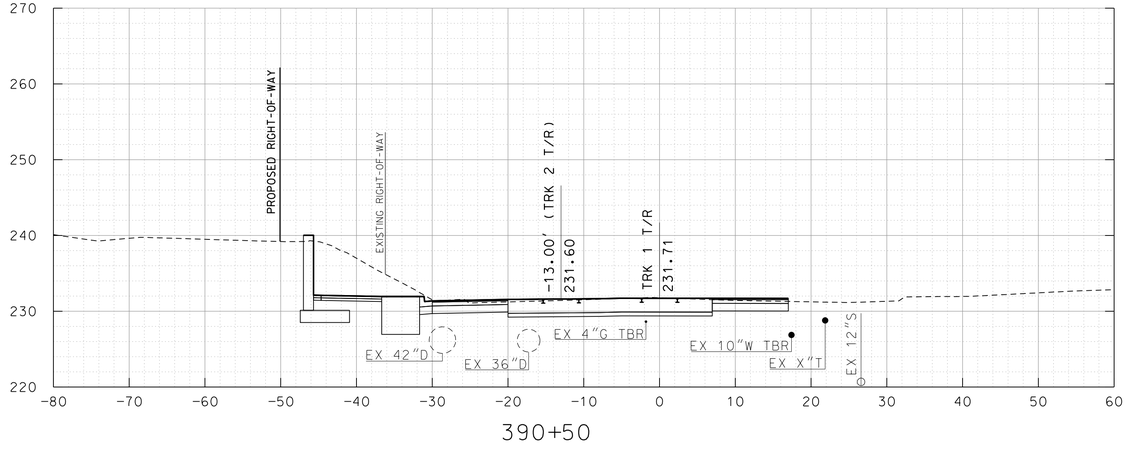
12/10/2013



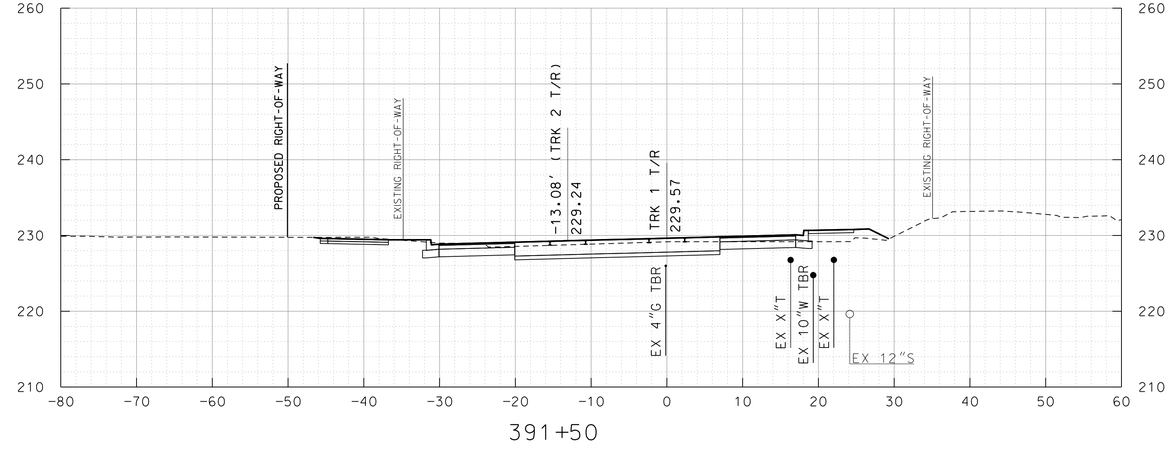
391+00



392+00



390+50



391+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 390+50 TO STA TRK 1 392+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO.
T-1042-0220

DRAWING NO.
XS-169

SHEET NO.
178 OF 736

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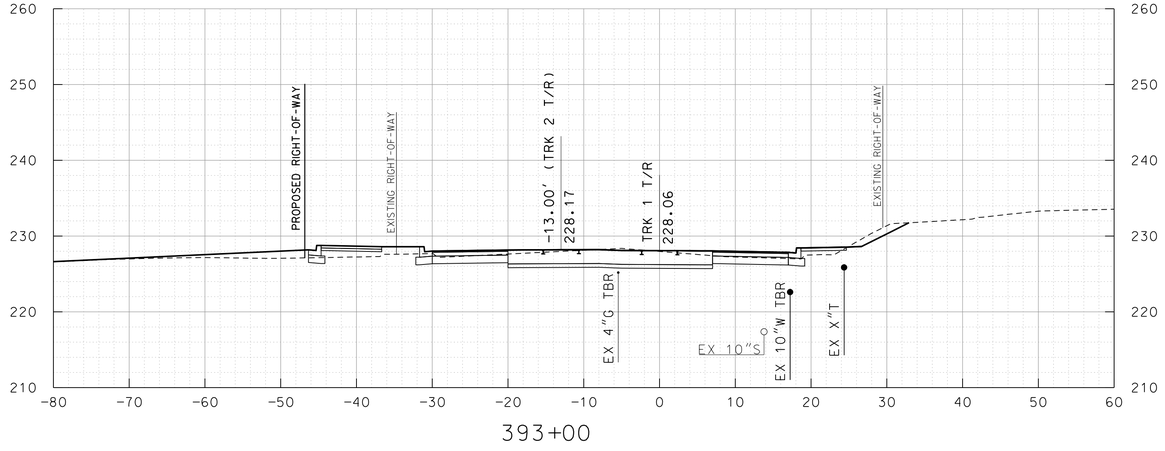
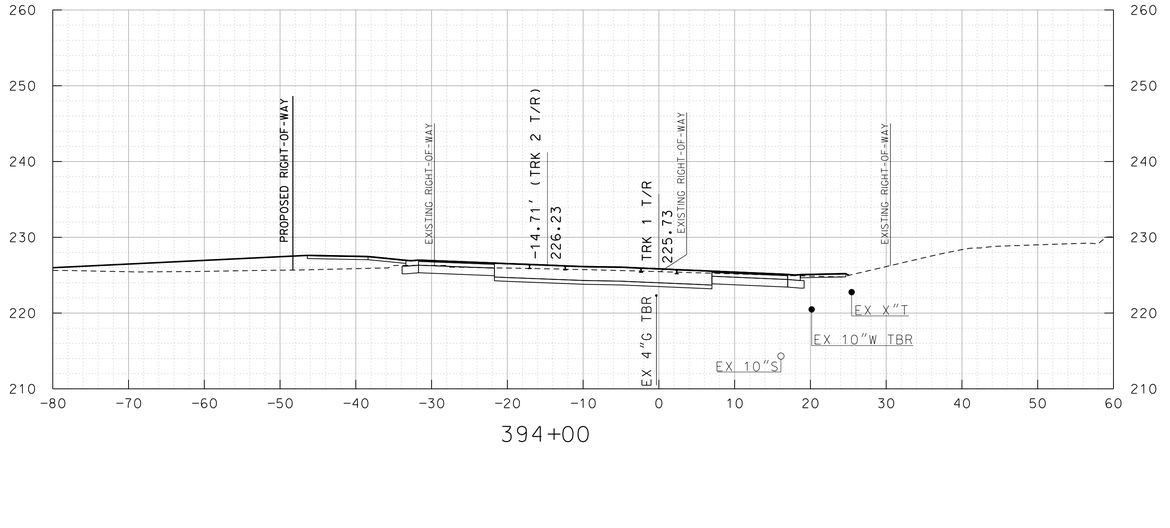
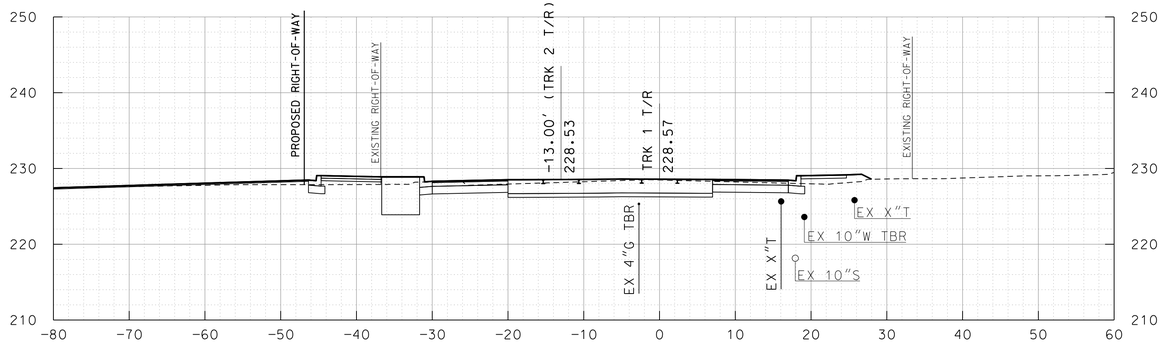
12/10/2013



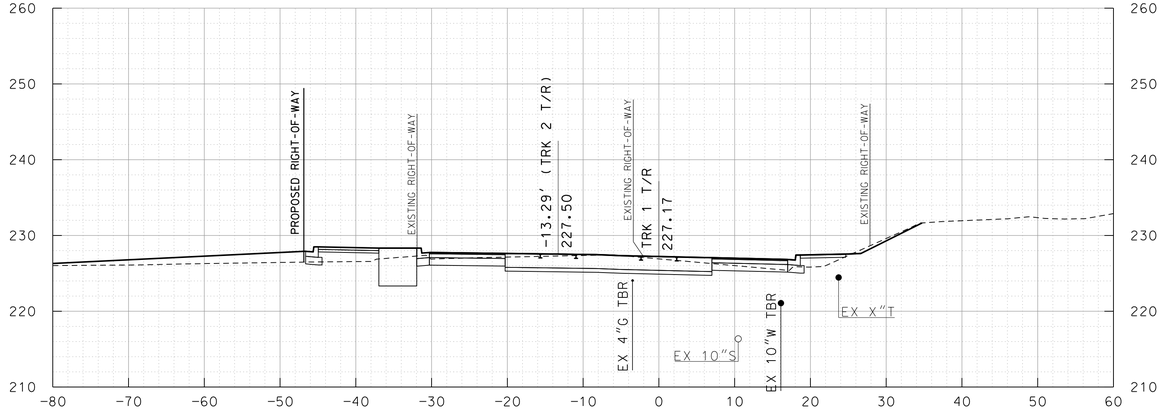
393+00



394+00



392+50



393+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 392+50 TO STA TRK 1 394+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-170
SHEET NO. 179 OF 736

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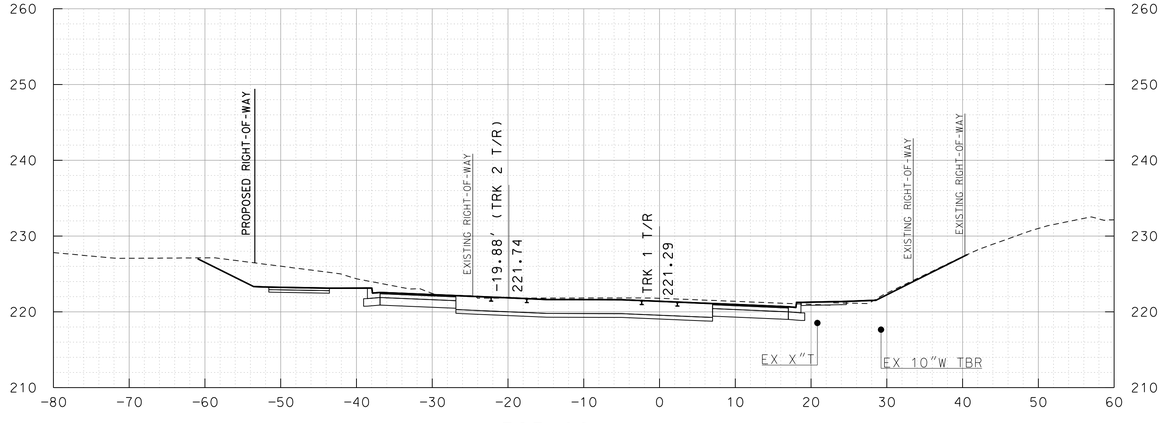
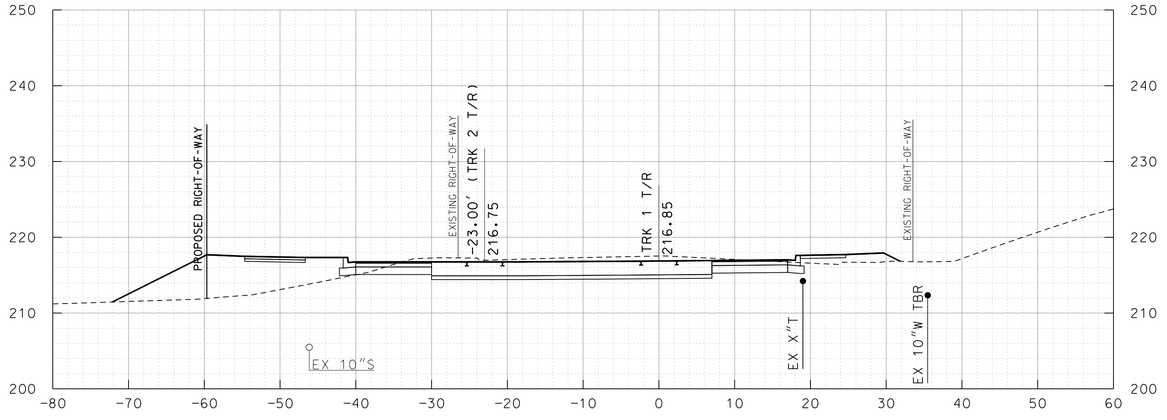
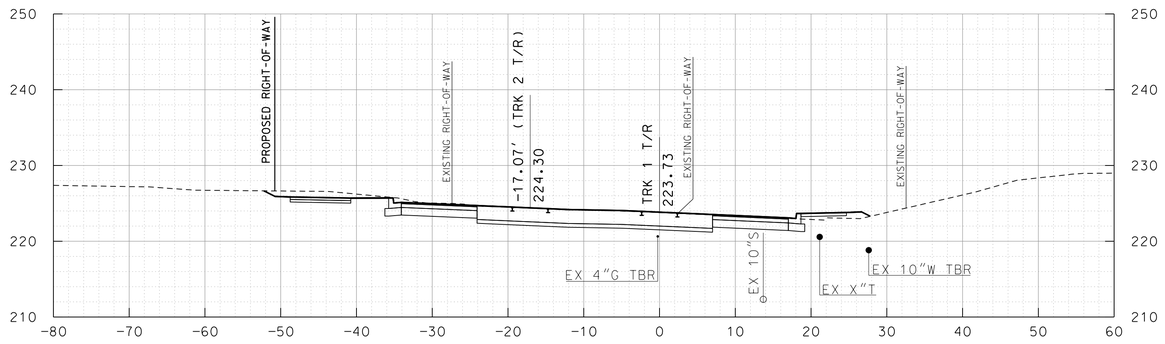
12/10/2013



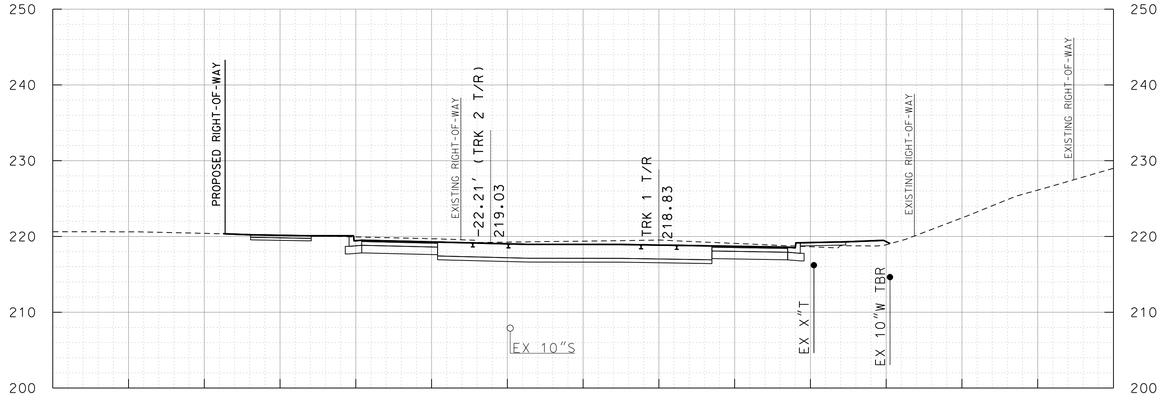
395+00



396+00



394+50



395+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 394+50 TO STA TRK 1 396+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-171
SHEET NO. 180 OF 736

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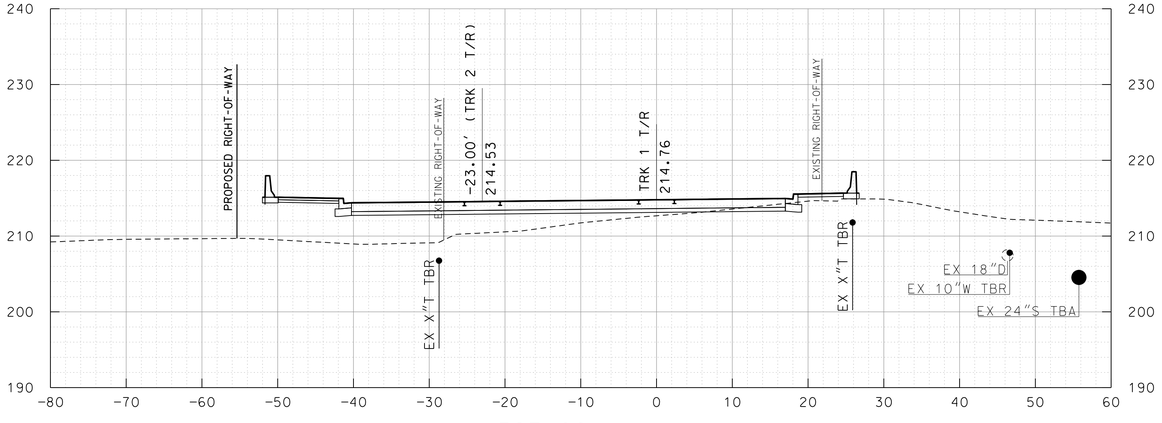
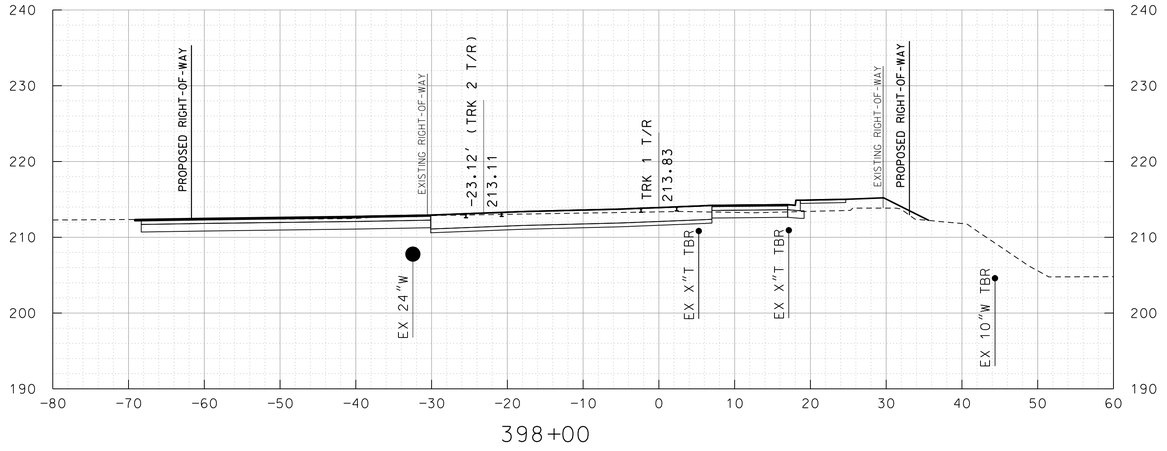
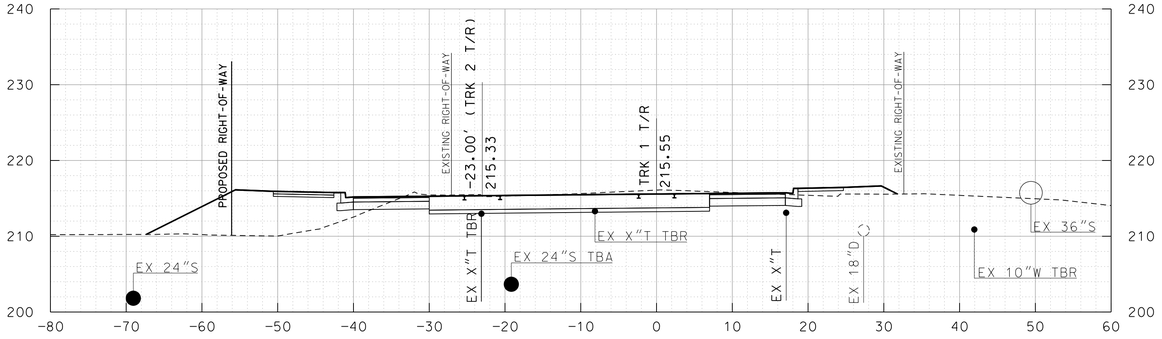
12/10/2013



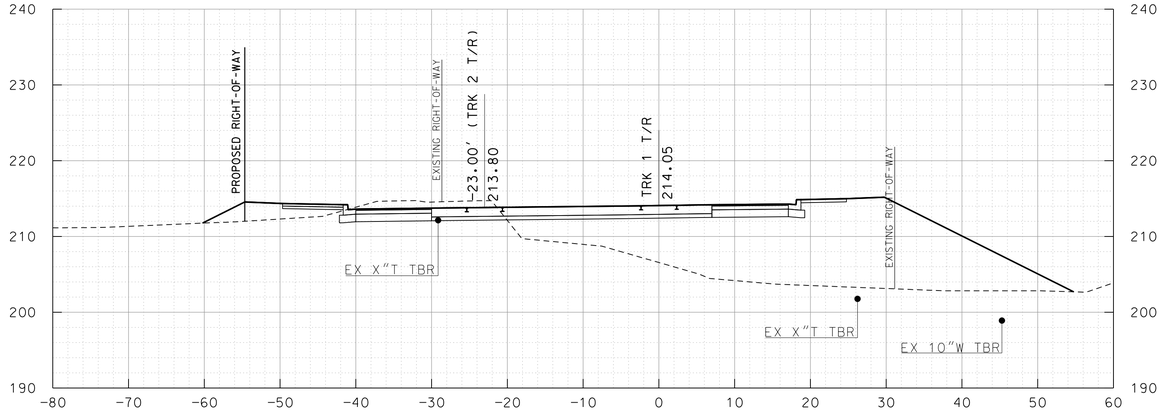
397+00



398+00



396+50



397+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 396+50 TO STA TRK 1 398+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-172
SHEET NO. 181 OF 736

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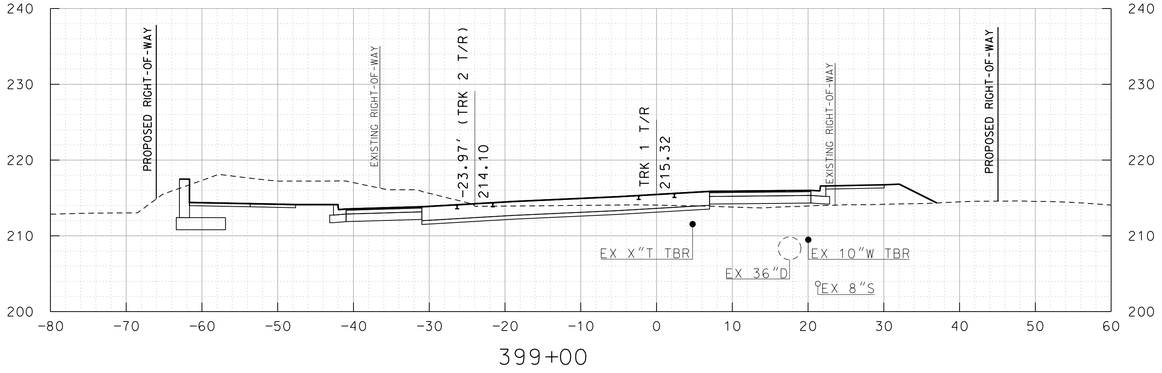
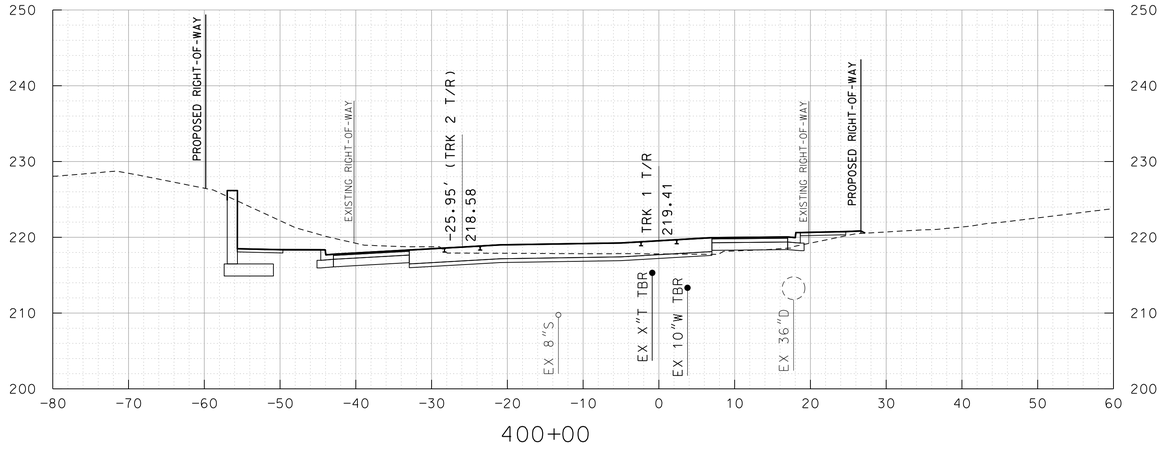
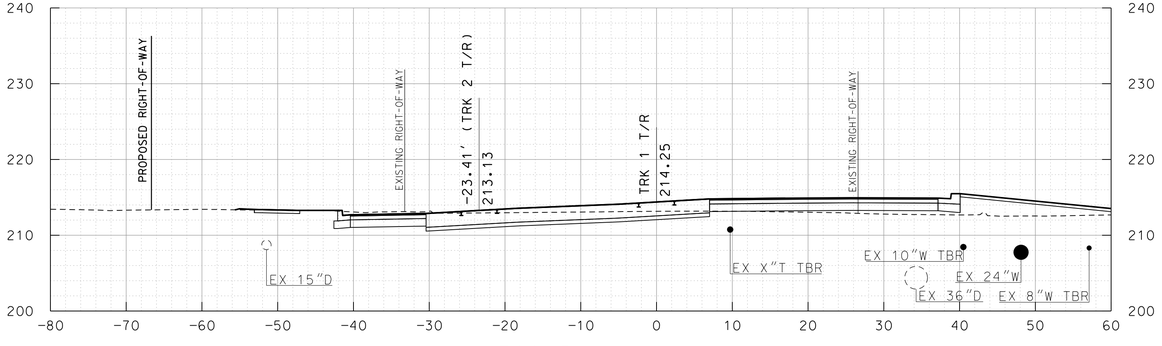
12/10/2013



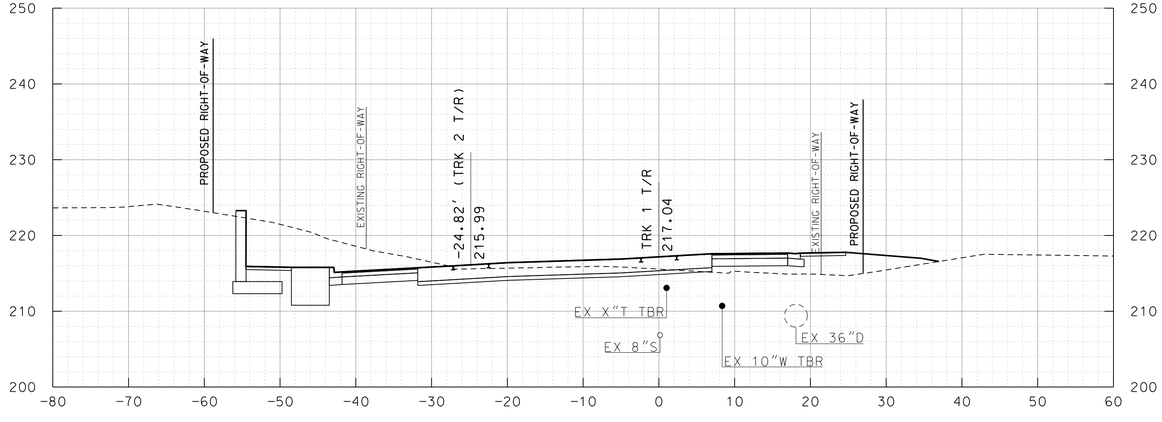
399+00



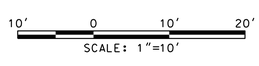
400+00



398+50



399+50



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Gannett Fleming — WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 398+50 TO STA TRK 1 400+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-173

SHEET NO. 182 OF 736

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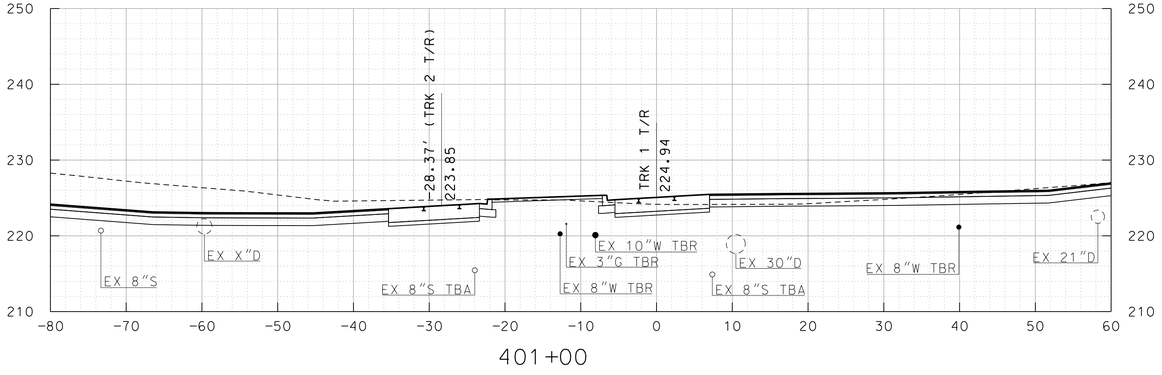
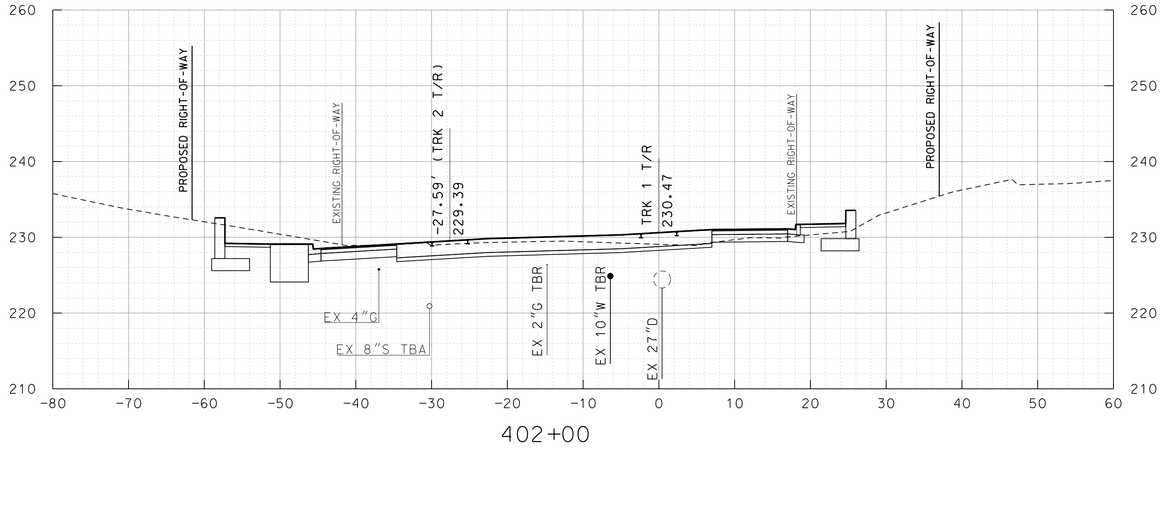
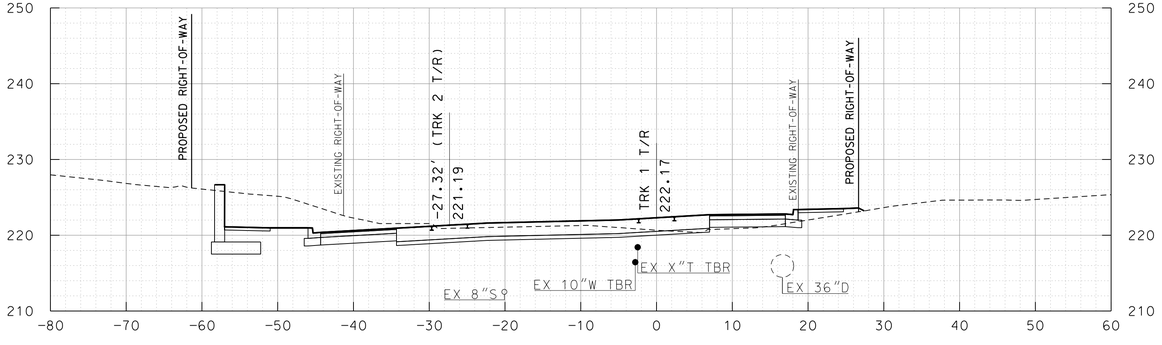
12/10/2013



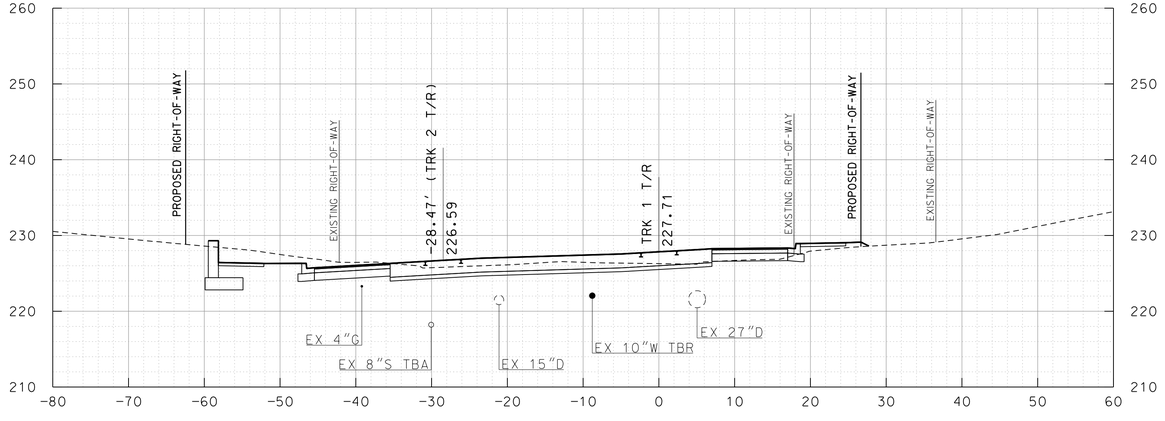
401+00



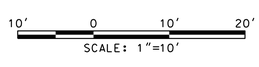
402+00



400+50



401+50



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 400+50 TO STA TRK 1 402+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-174

SHEET NO. 183 OF 736

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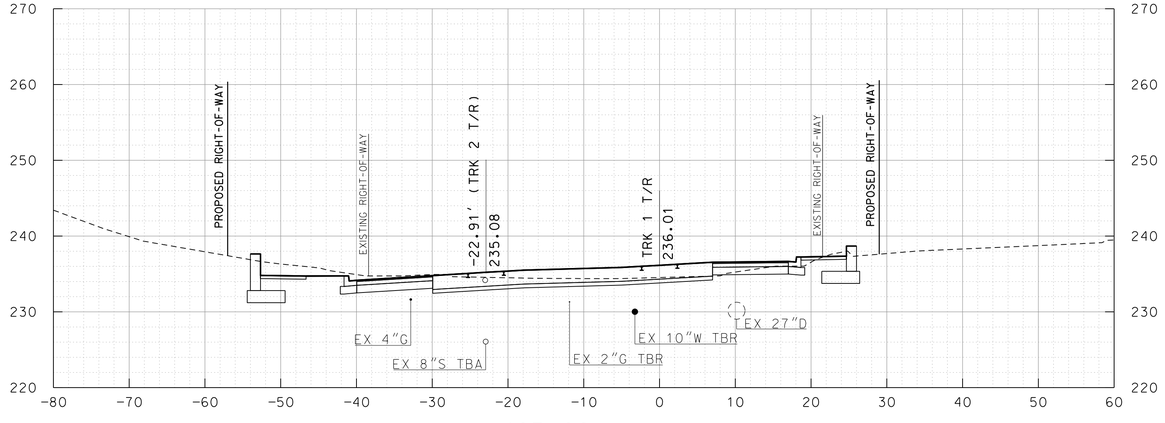
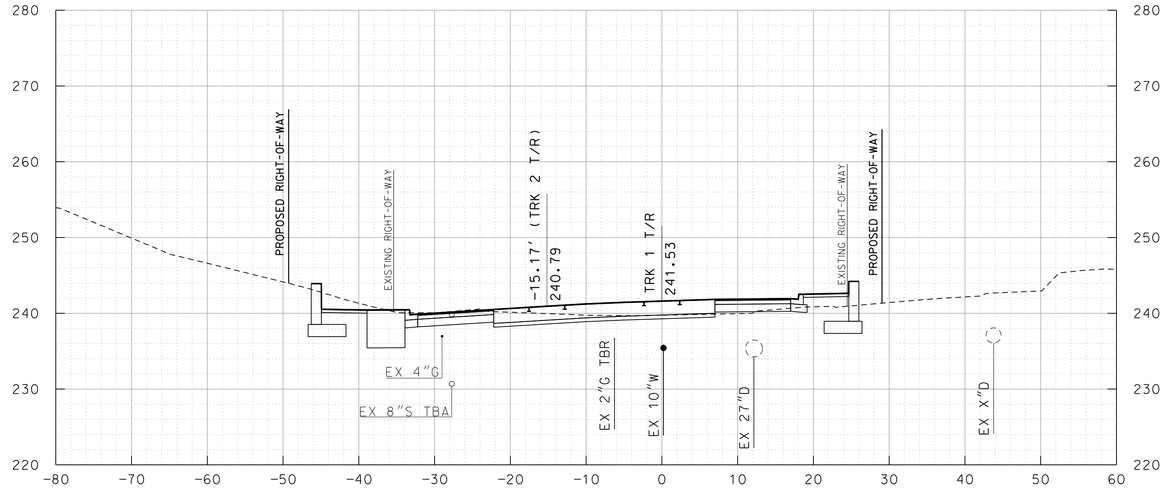
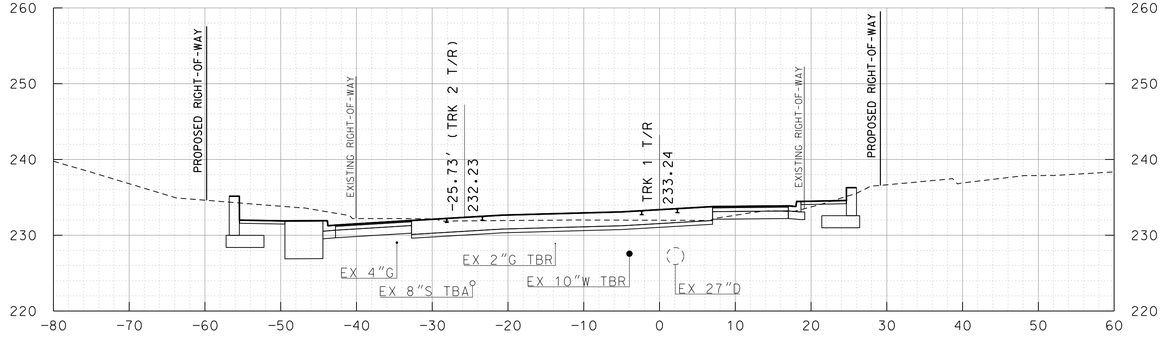
12/10/2013



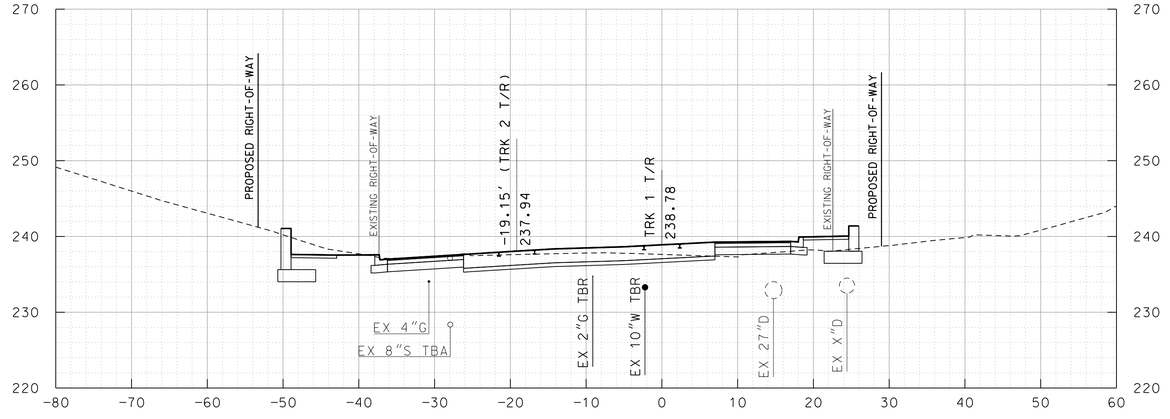
403+00



404+00



402+50



403+50

10' 0 10' 20'

SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

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DESIGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 402+50 TO STA TRK 1 404+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-175

SHEET NO. 184 OF 736

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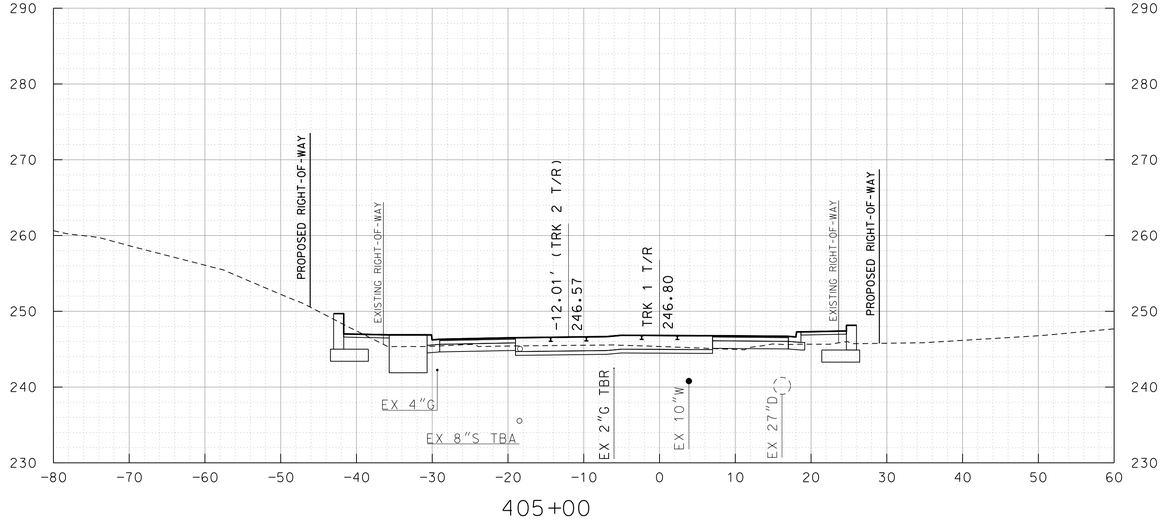
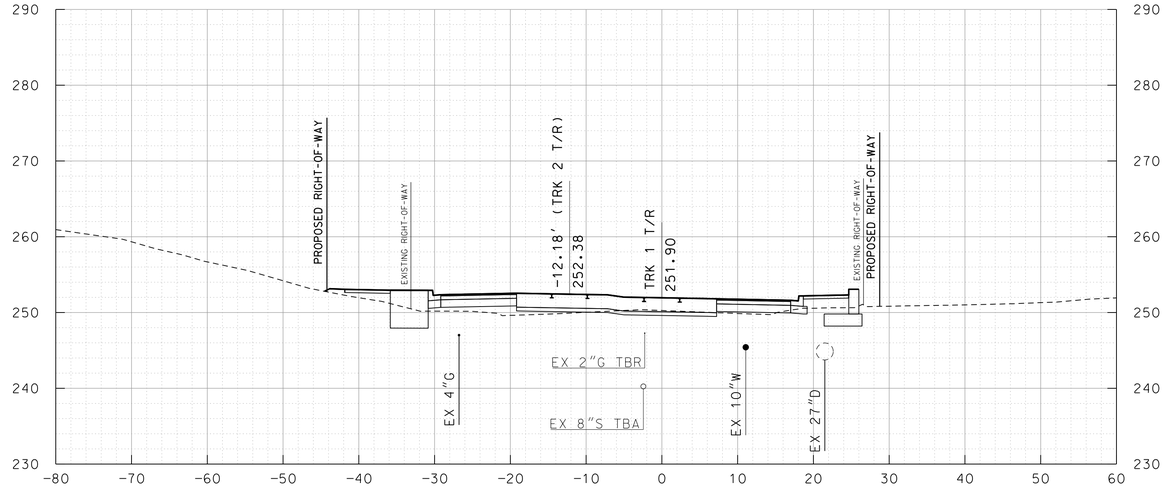
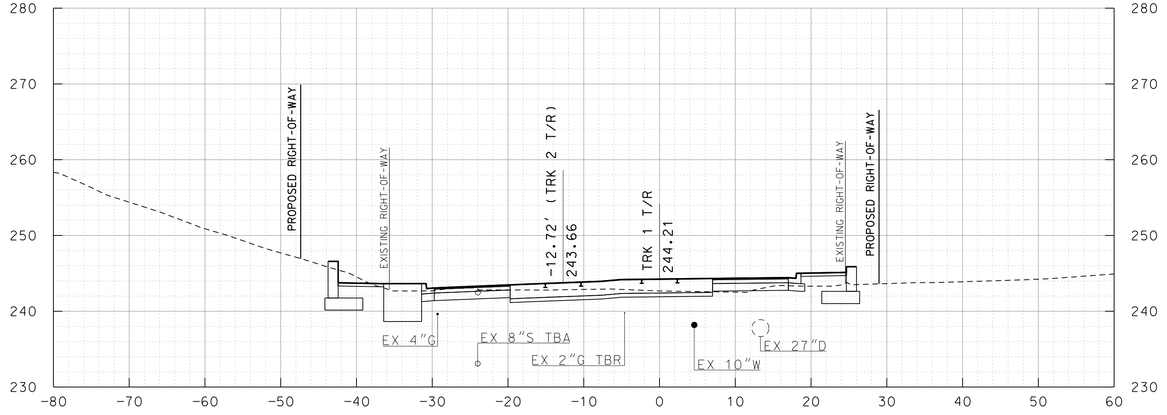
12/10/2013



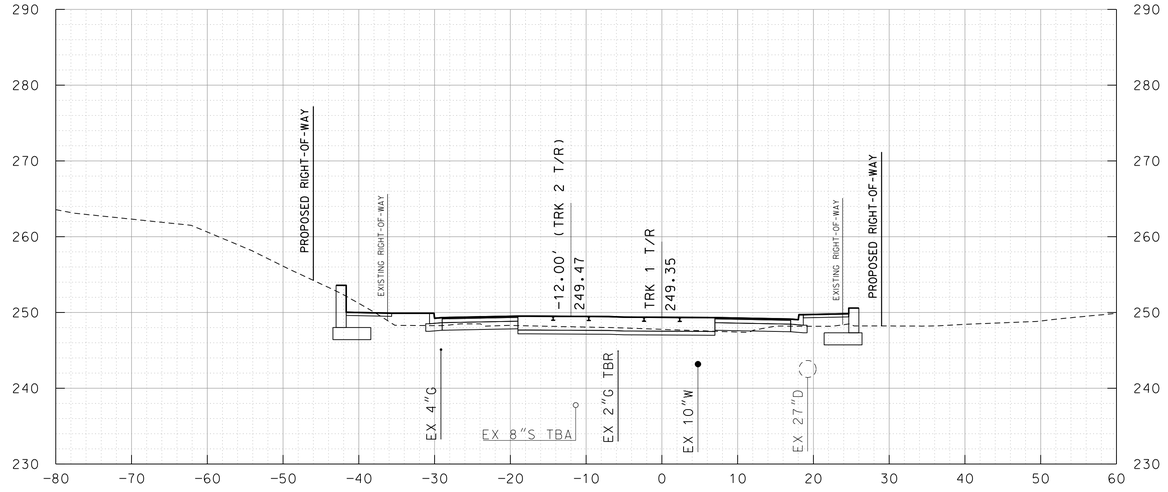
405+00



406+00



404+50



405+50

10' 0 10' 20'

SCALE: 1"=10'

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DESIGN	
DRAWN	
CHECK	
APPR	

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 404+50 TO STA TRK 1 406+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-176

SHEET NO. 185 OF 736

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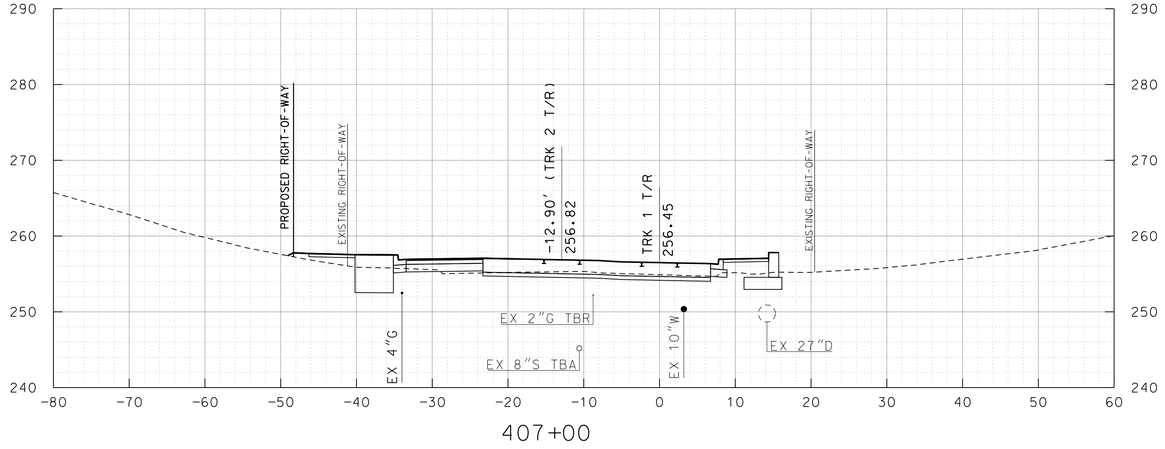
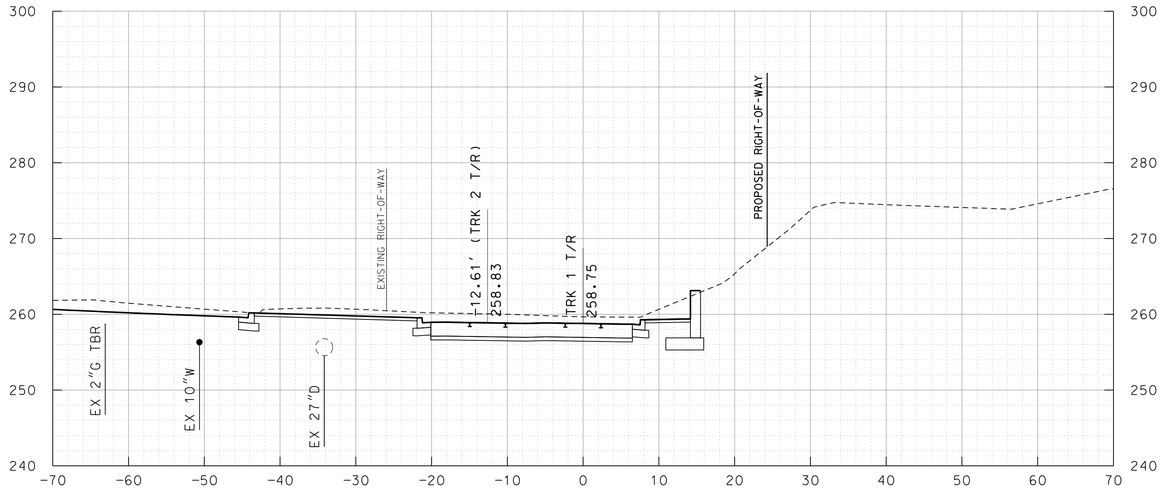
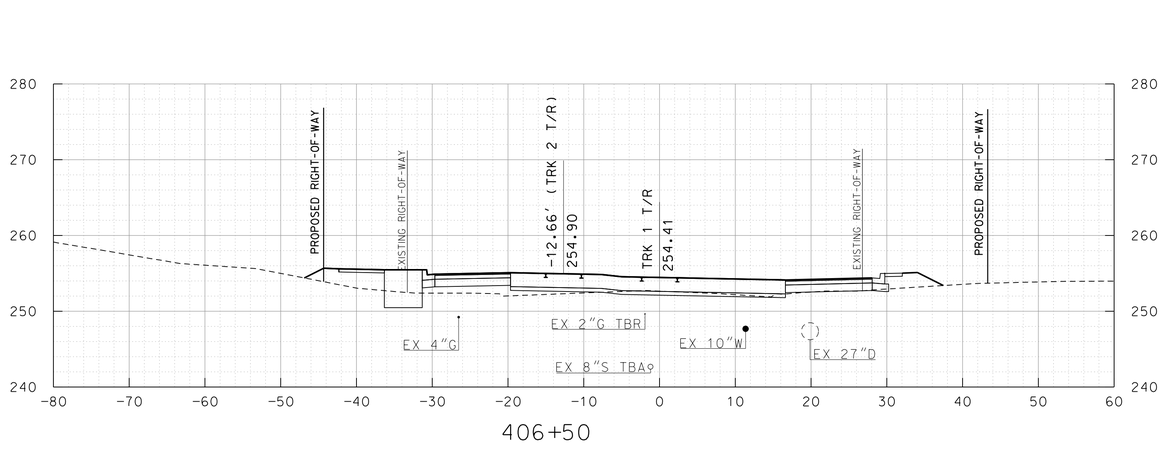
12/10/2013



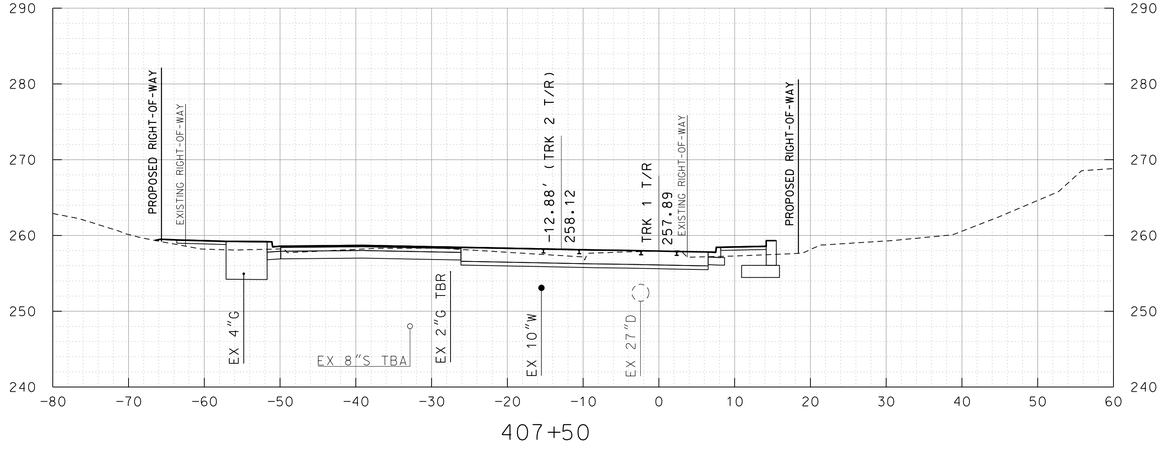
407+00



408+00



406+50



407+50

10' 0 10' 20'
SCALE: 1"=10'

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MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 406+50 TO STA TRK 1 408+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-177
SHEET NO. 186 OF 736

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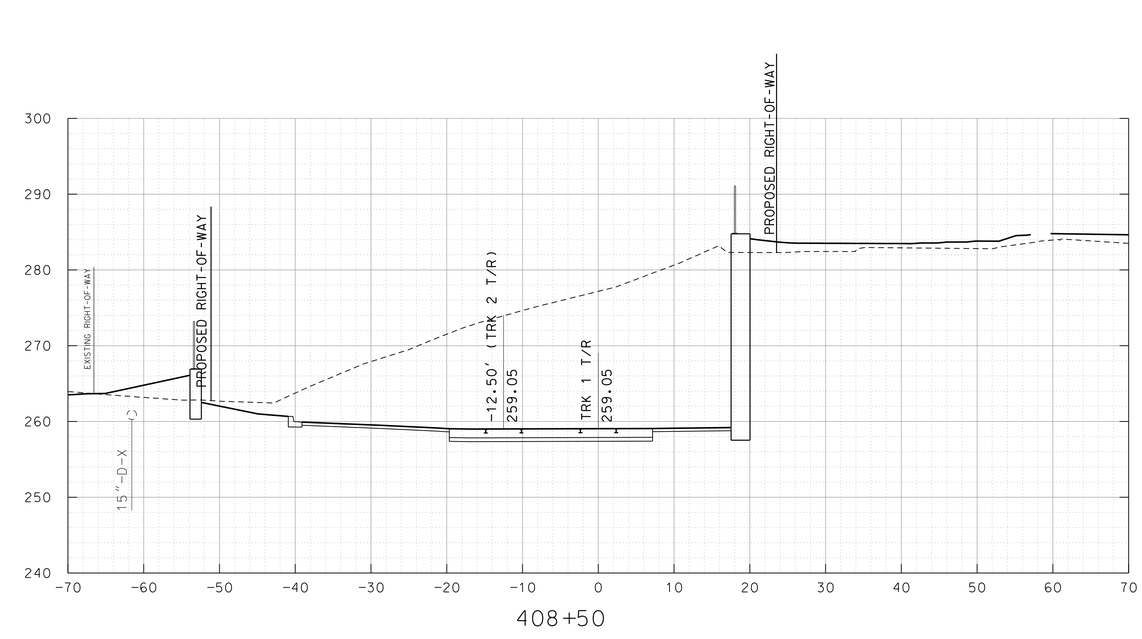
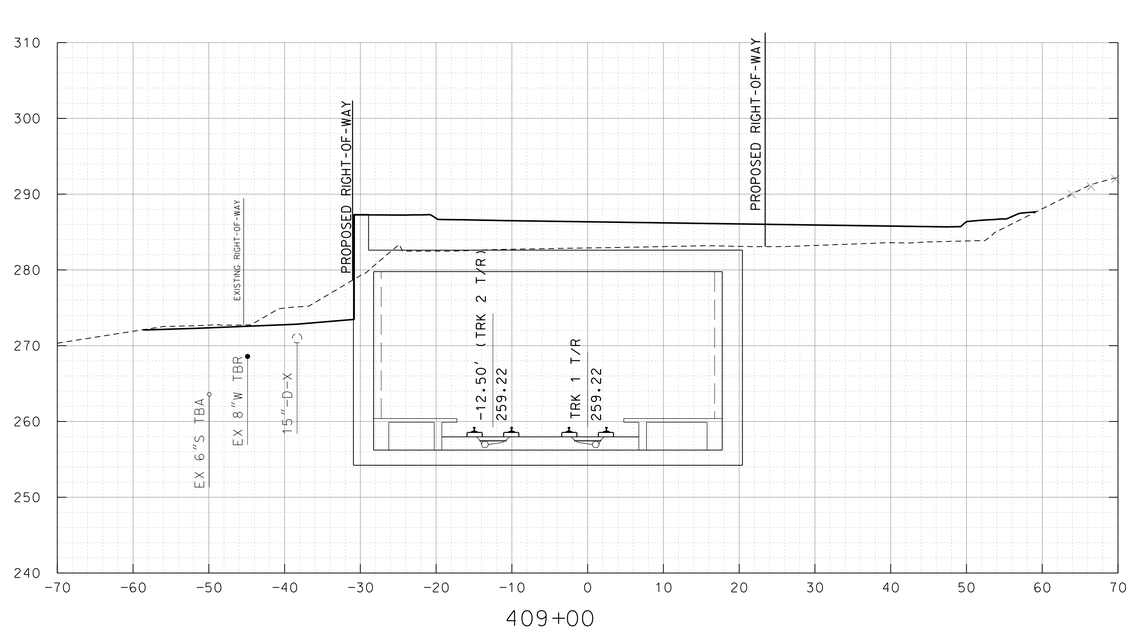
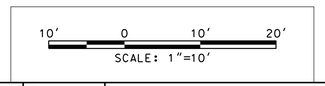
12/10/2013







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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 408+50 TO STA TRK 1 409+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-178

SHEET NO. 187 OF 736

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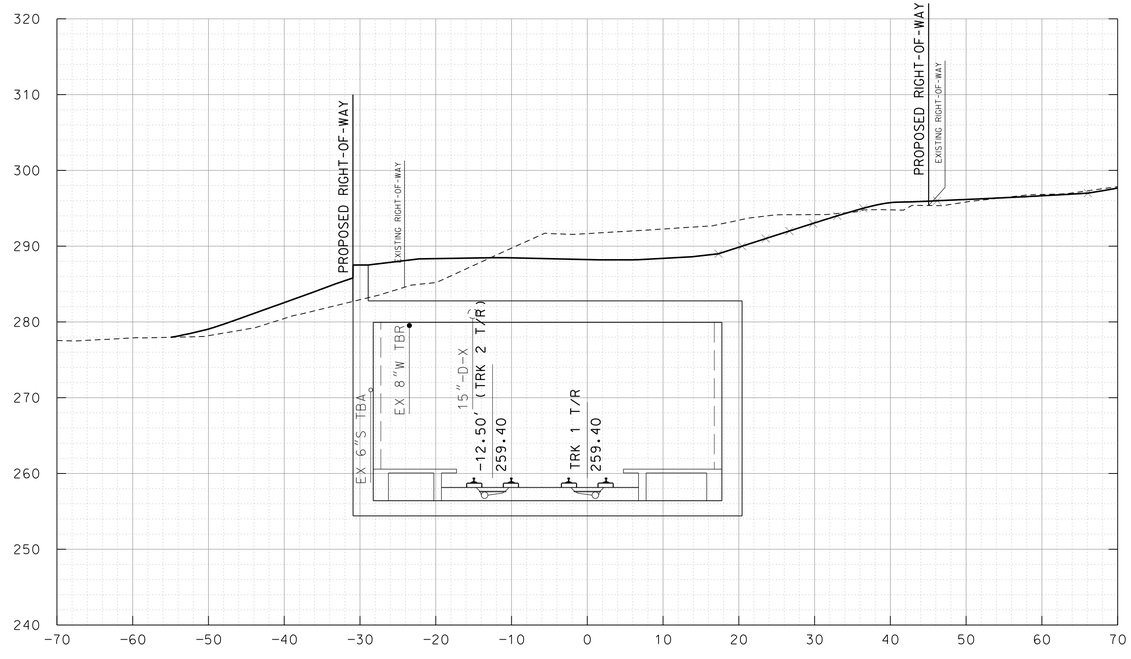
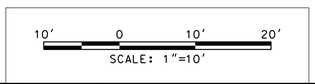
12/10/2013



409+50



410+00



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DESIGN

DRAWN

CHECK

APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 409+50 TO STA TRK 1 410+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-179

SHEET NO. 188 OF 736

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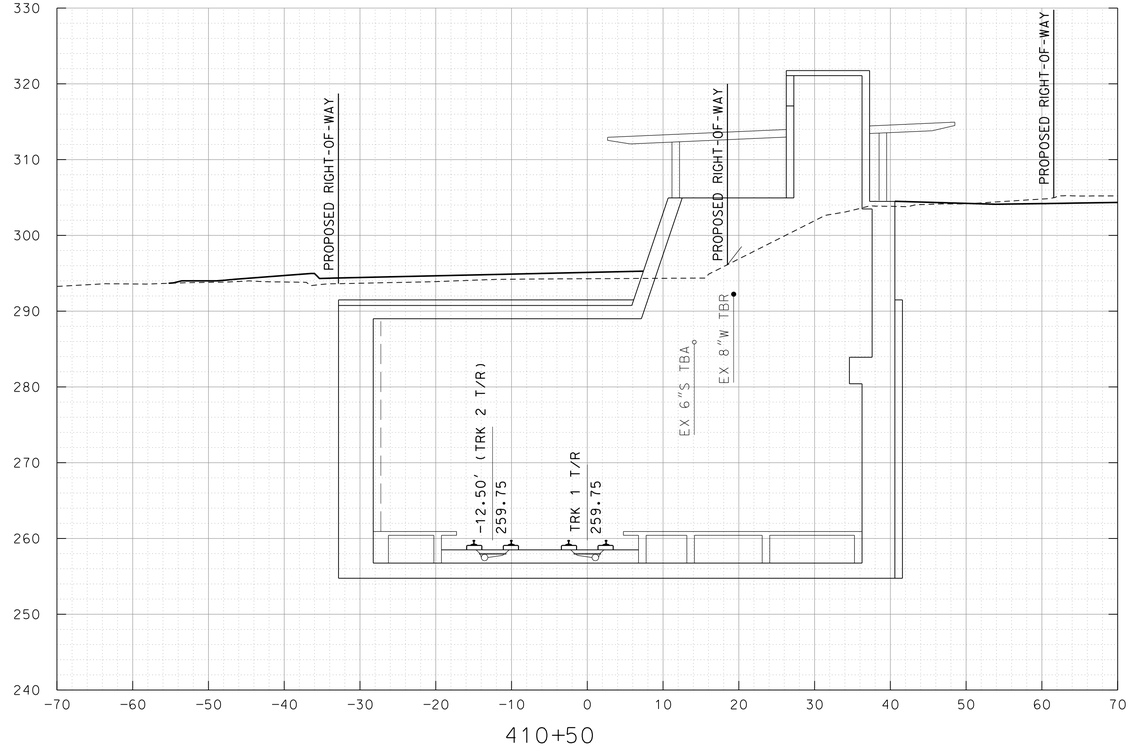
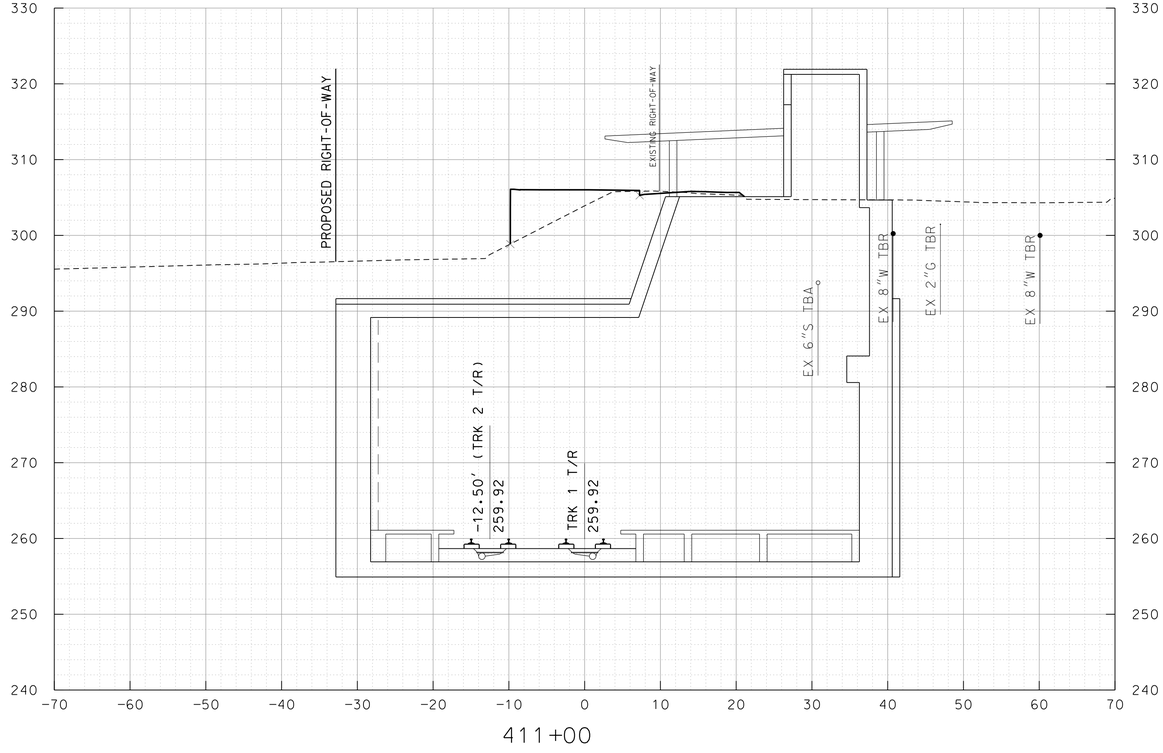
12/10/2013



410+50



411+00

10' 0 10' 20'

SCALE: 1"=10'

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 410+50 TO STA TRK 1 411+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-180

SHEET NO. 189 OF 736

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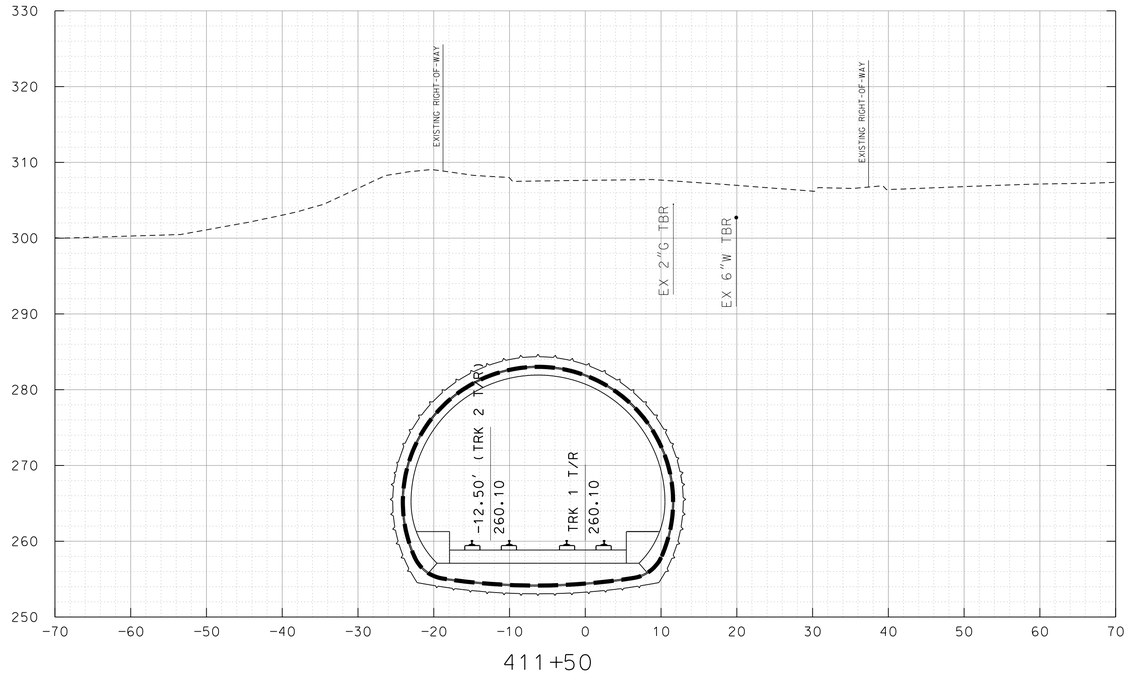
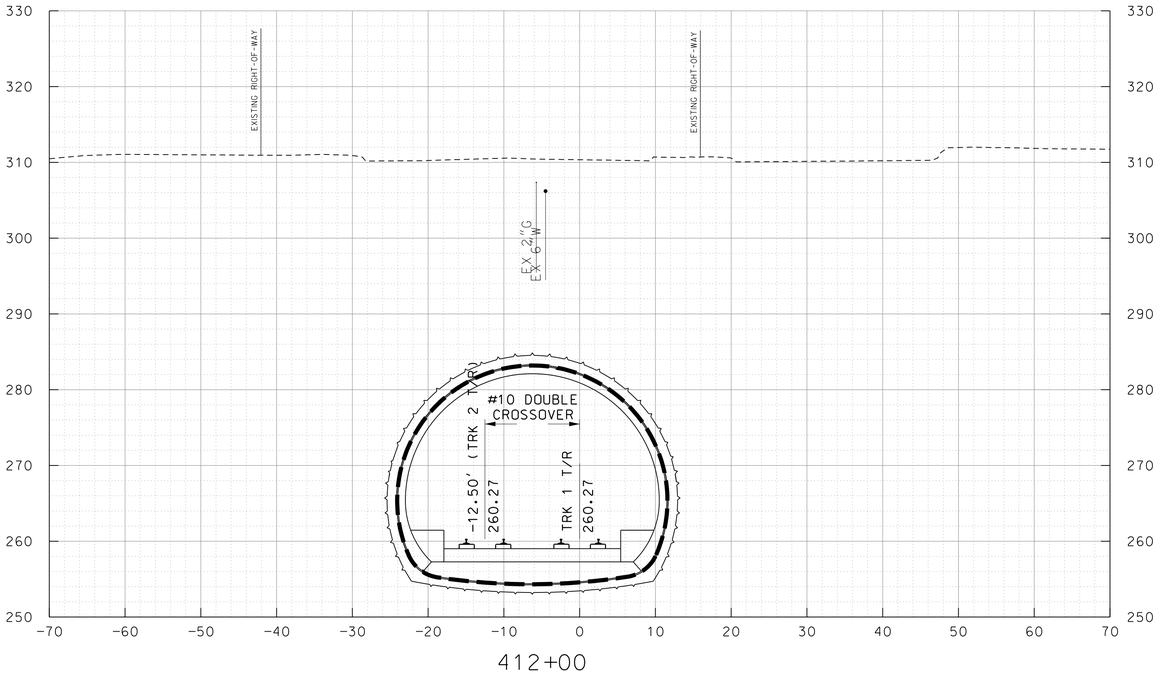
12/10/2013



411+50



412+00

10' 0 10' 20'

SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION MTA Maryland

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 411+50 TO STA TRK 1 412+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-181

SHEET NO. 190 OF 736

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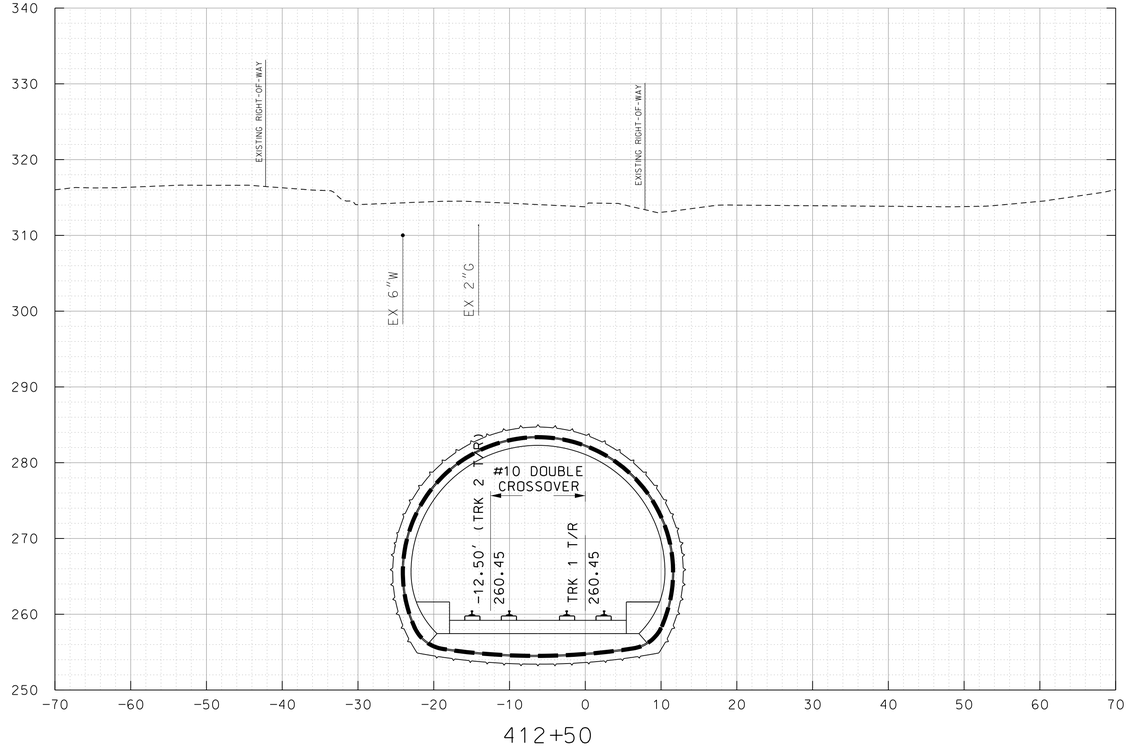
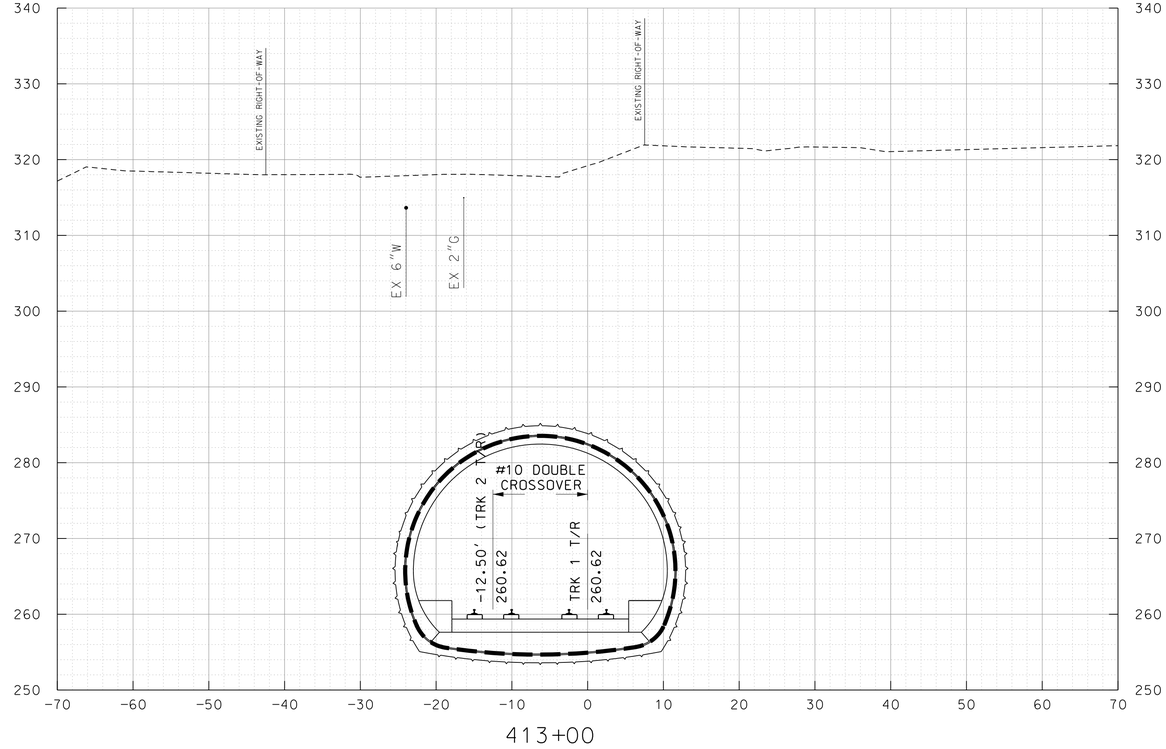
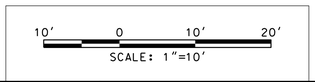
12/10/2013



412+50



413+00



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DESGN

DRAWN

CHECK

APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 412+50 TO STA TRK 1 413+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-182

SHEET NO. 191 OF 736

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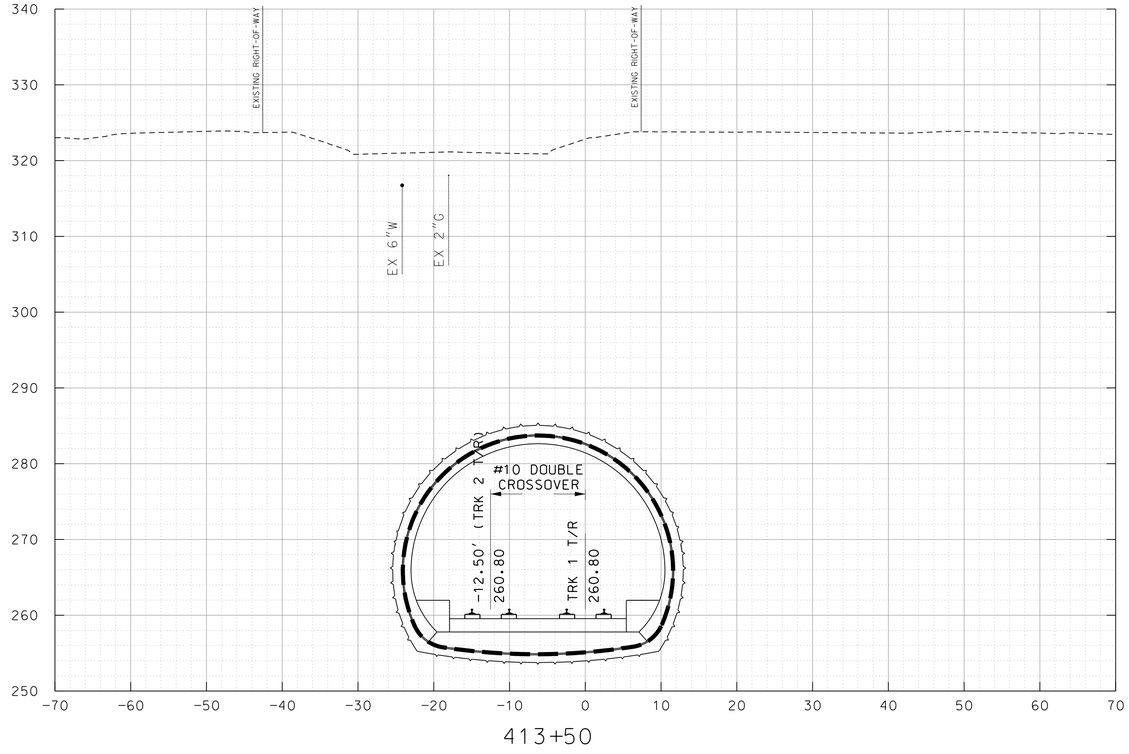
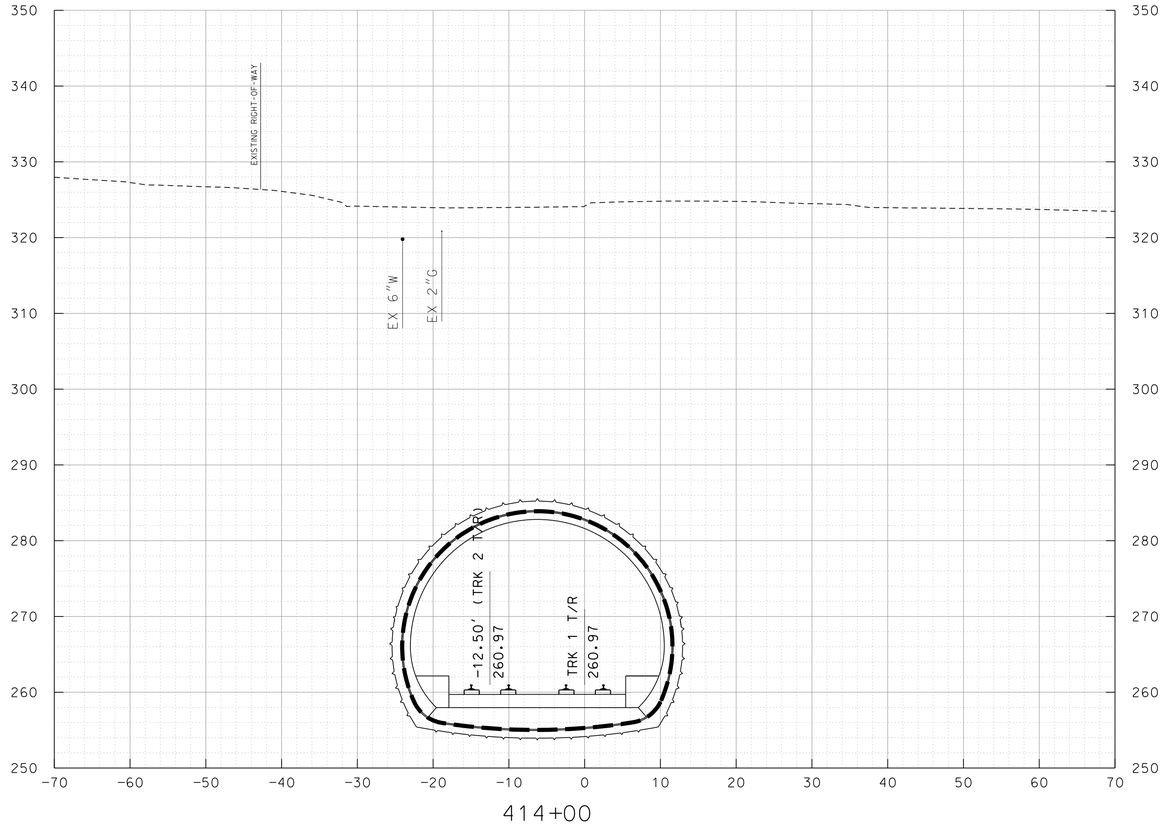
12/10/2013



413+50



414+00

10' 0 10' 20'

SCALE: 1"=10'

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DESIGN

DRAWN

CHECK

APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 413+50 TO STA TRK 1 414+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-183

SHEET NO. 192 OF 736

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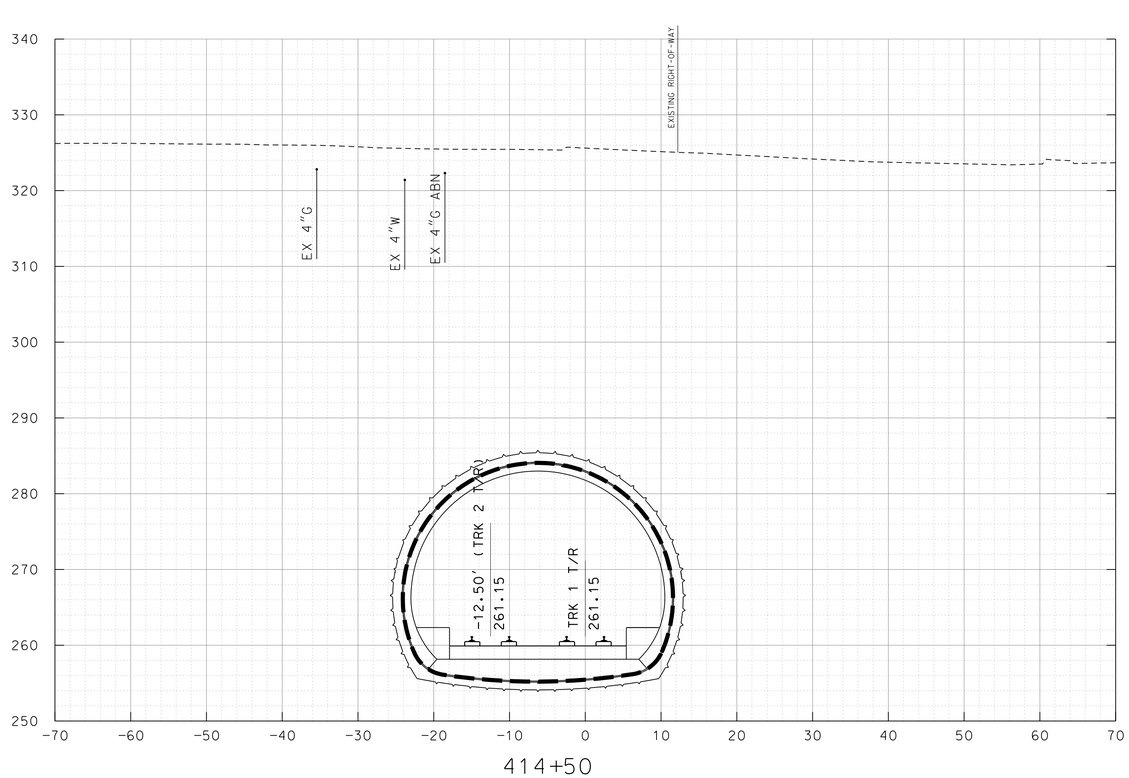
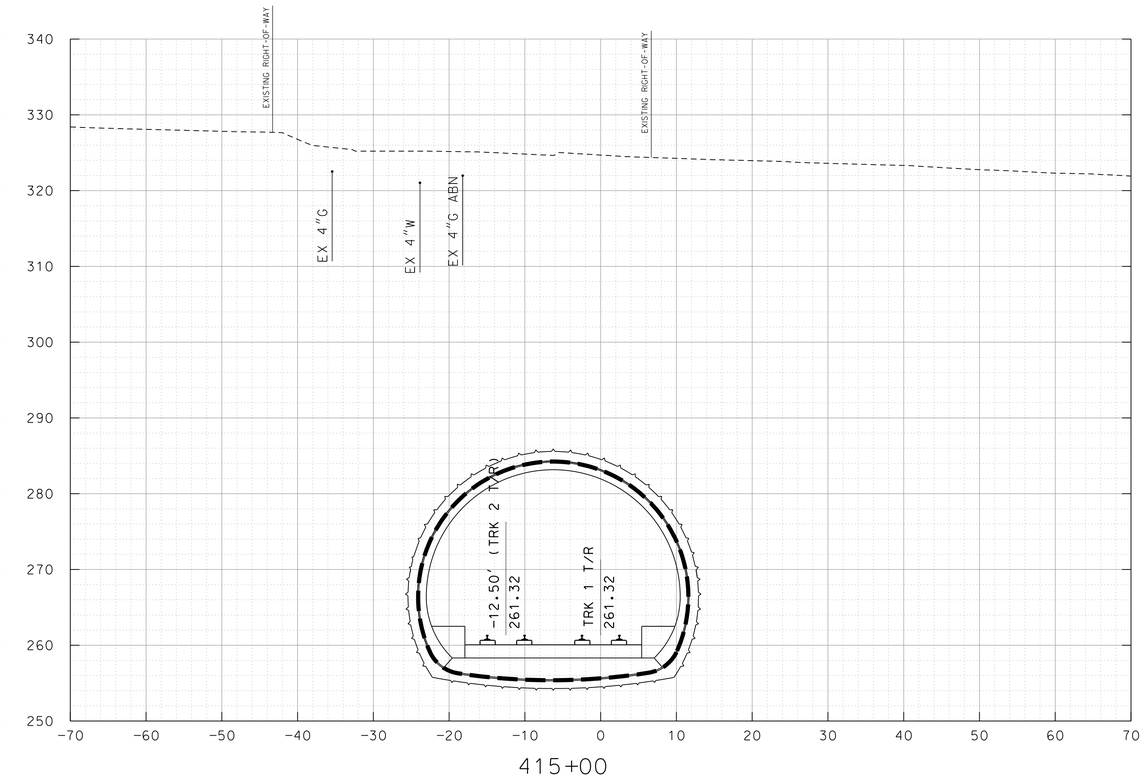
12/10/2013



414+50



415+00

10' 0 10' 20'
SCALE: 1"=10'

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DESGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 414+50 TO STA TRK 1 415+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-184
SHEET NO. 193 OF 736

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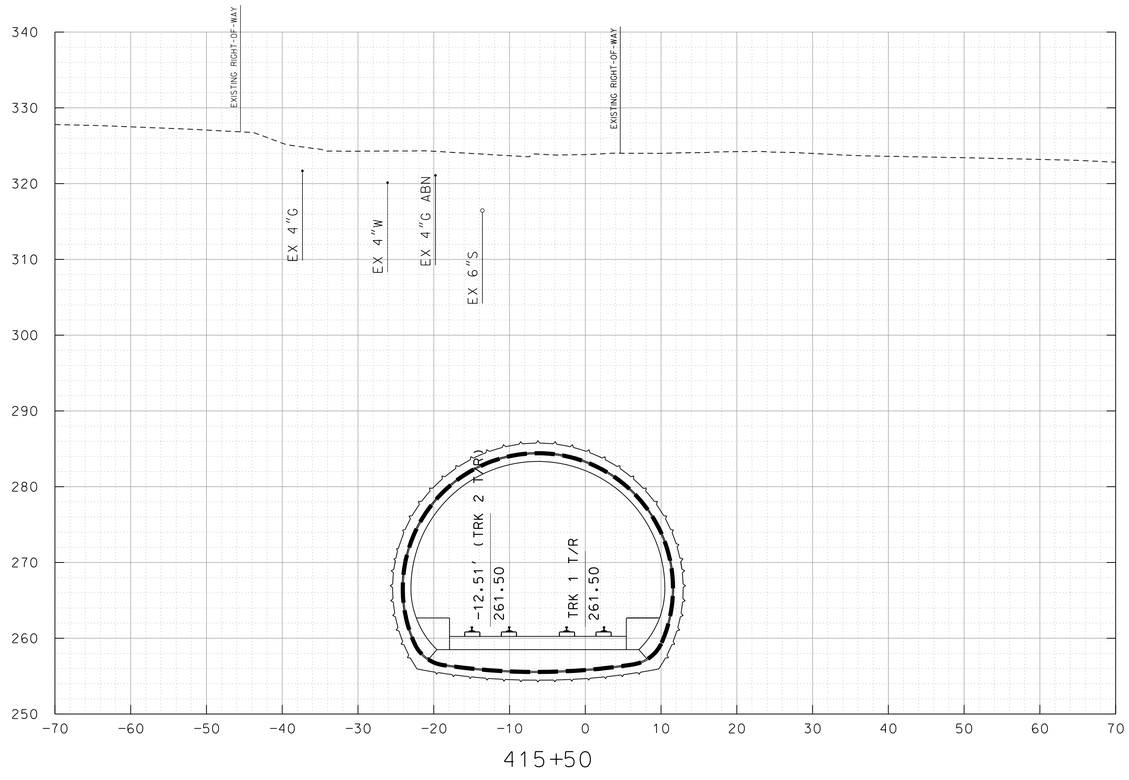
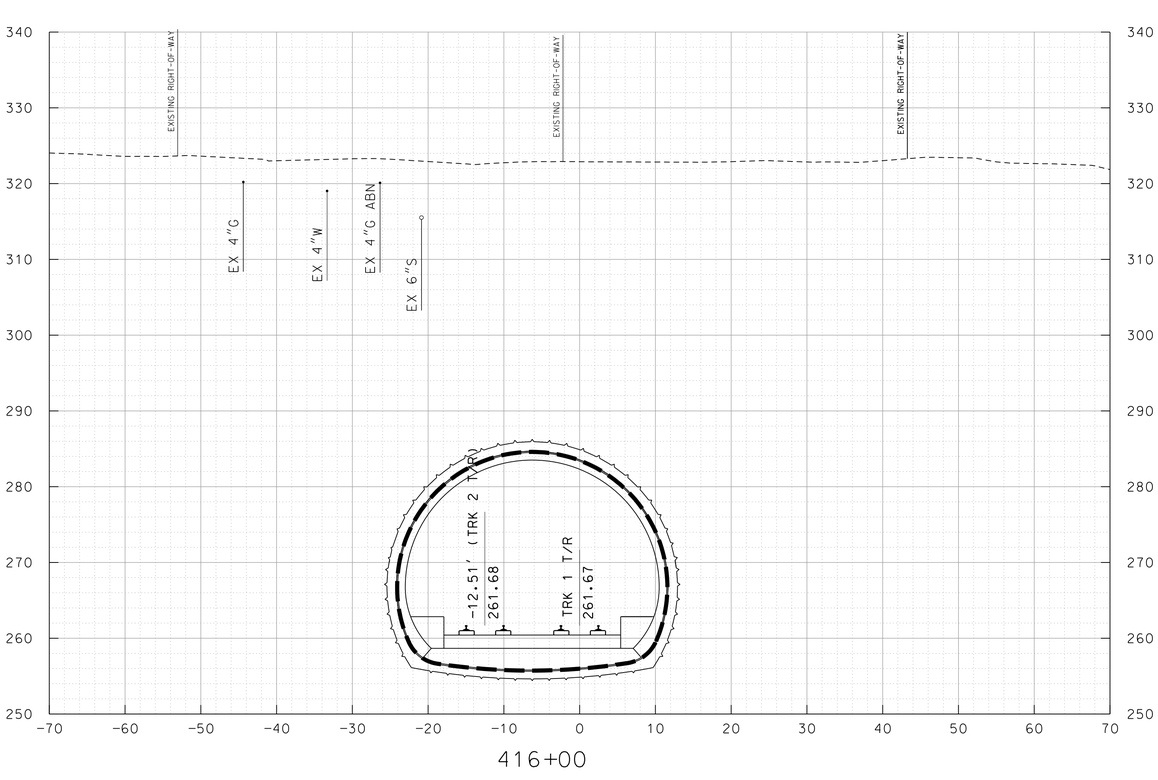
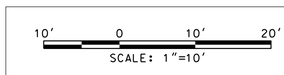
12/10/2013



415+50



416+00



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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 415+50 TO STA TRK 1 416+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-185

SHEET NO. 194 OF 736

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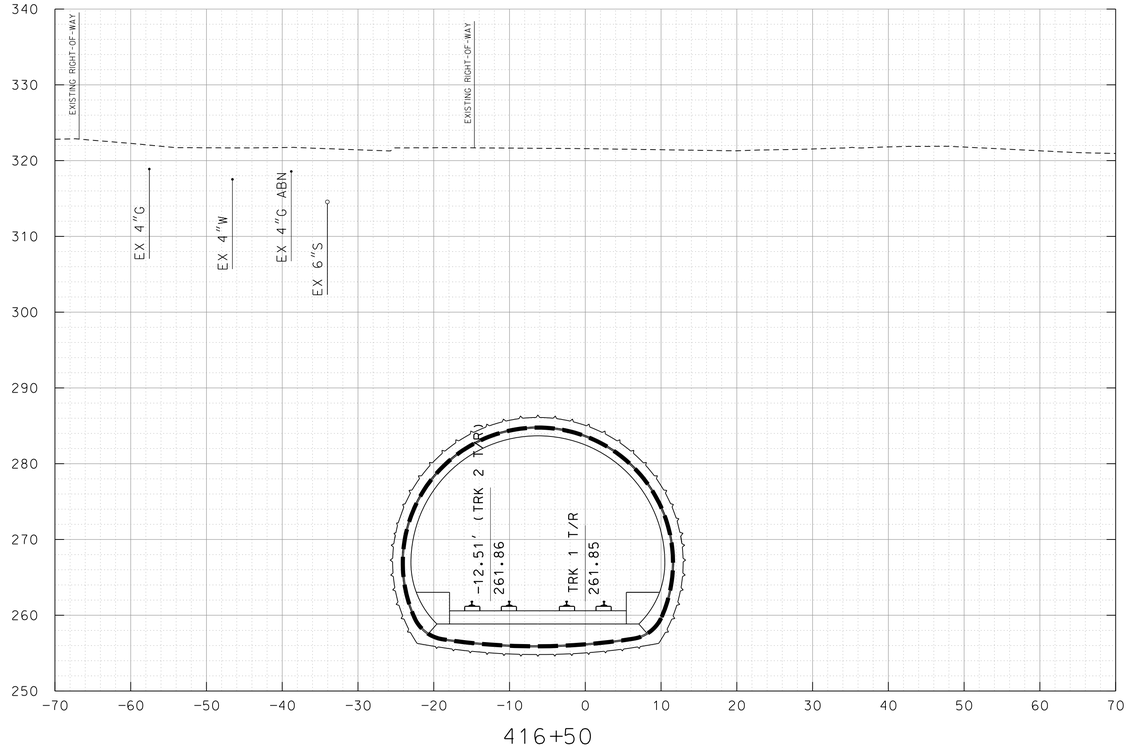
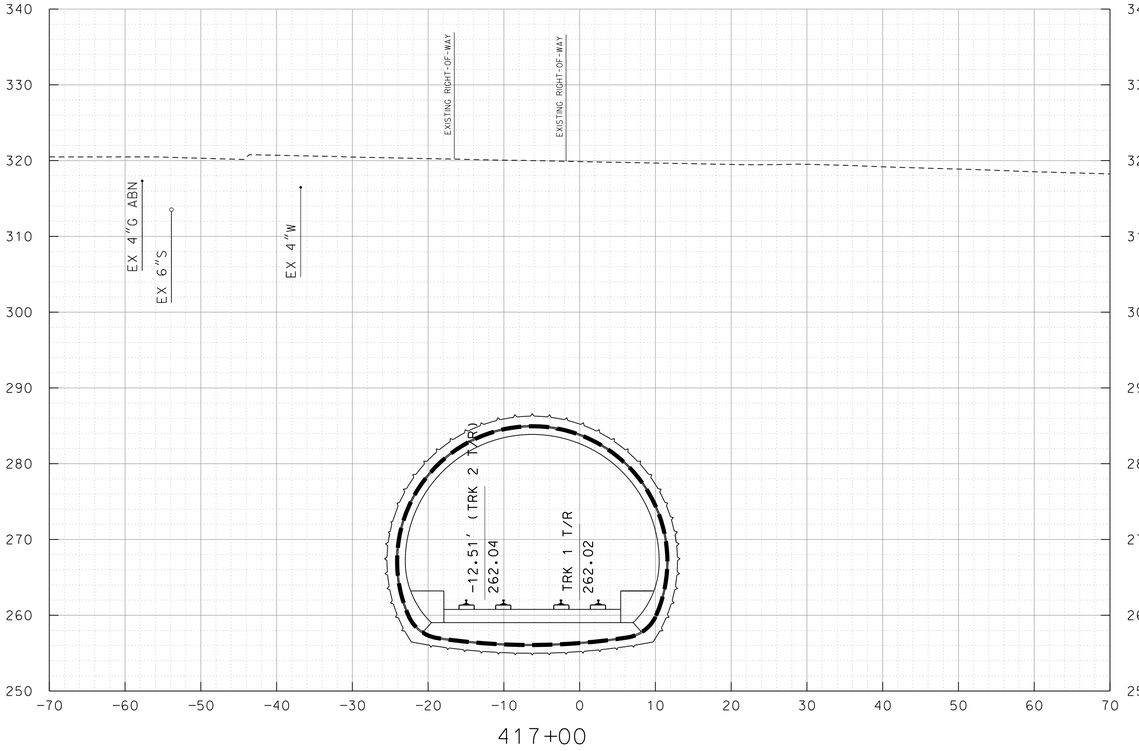
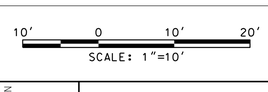
12/10/2013



416+50



417+00



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

JACOBS

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DESIGN
DRAWN
CHECK
APPR

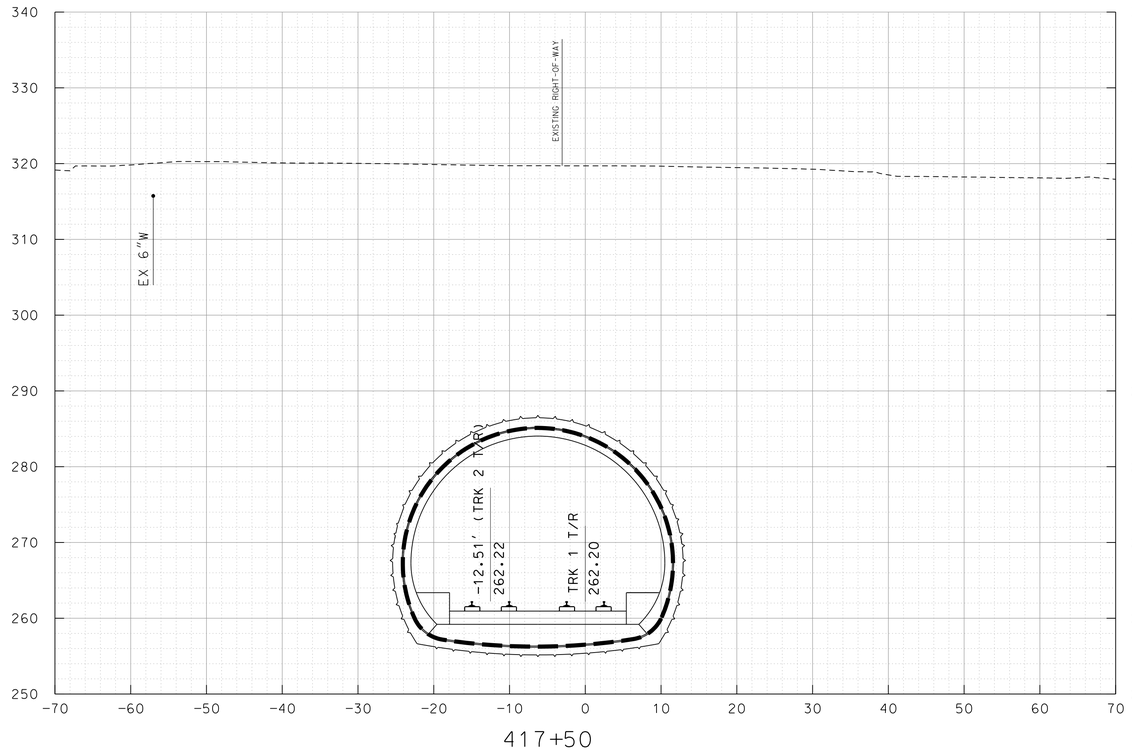
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 416+50 TO STA TRK 1 417+00

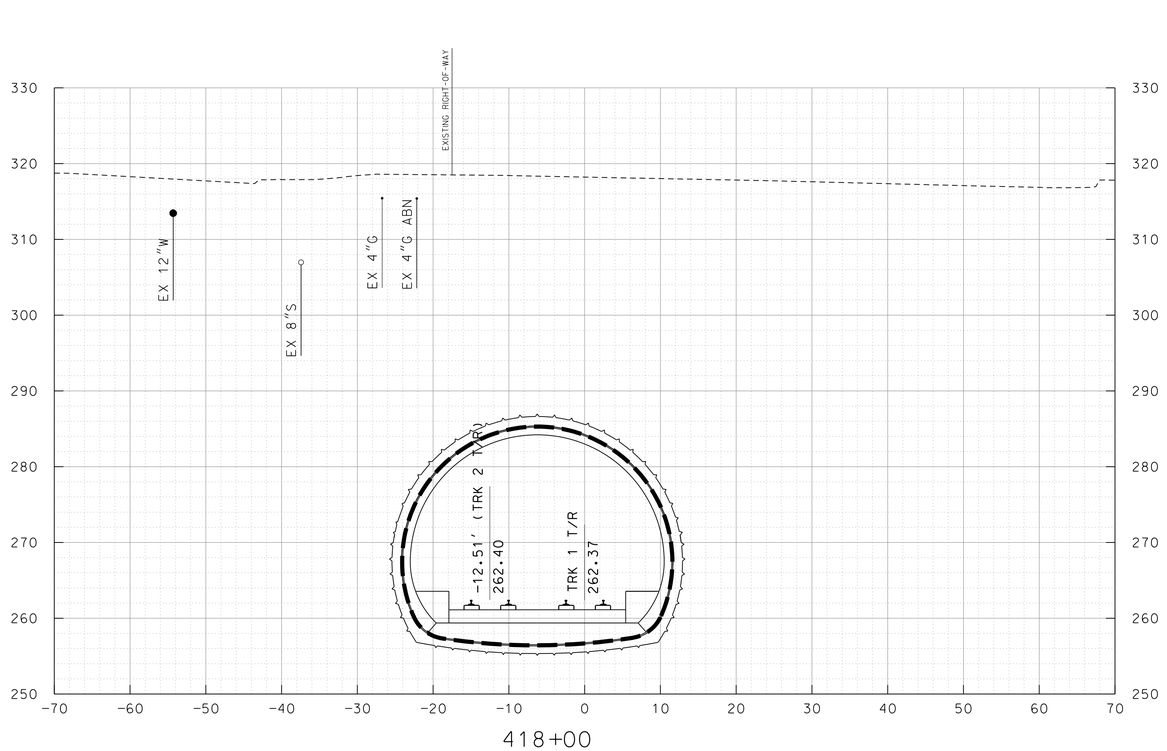
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-186
SHEET NO. 195 OF 736

c:\pwworking\mtapw\je-benjamin foltz\dms96328\1042pXS4301.dgn
12/10/2013



417+50



418+00

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

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DESGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 417+50 TO STA TRK 1 418+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-187
SHEET NO. 196 OF 736

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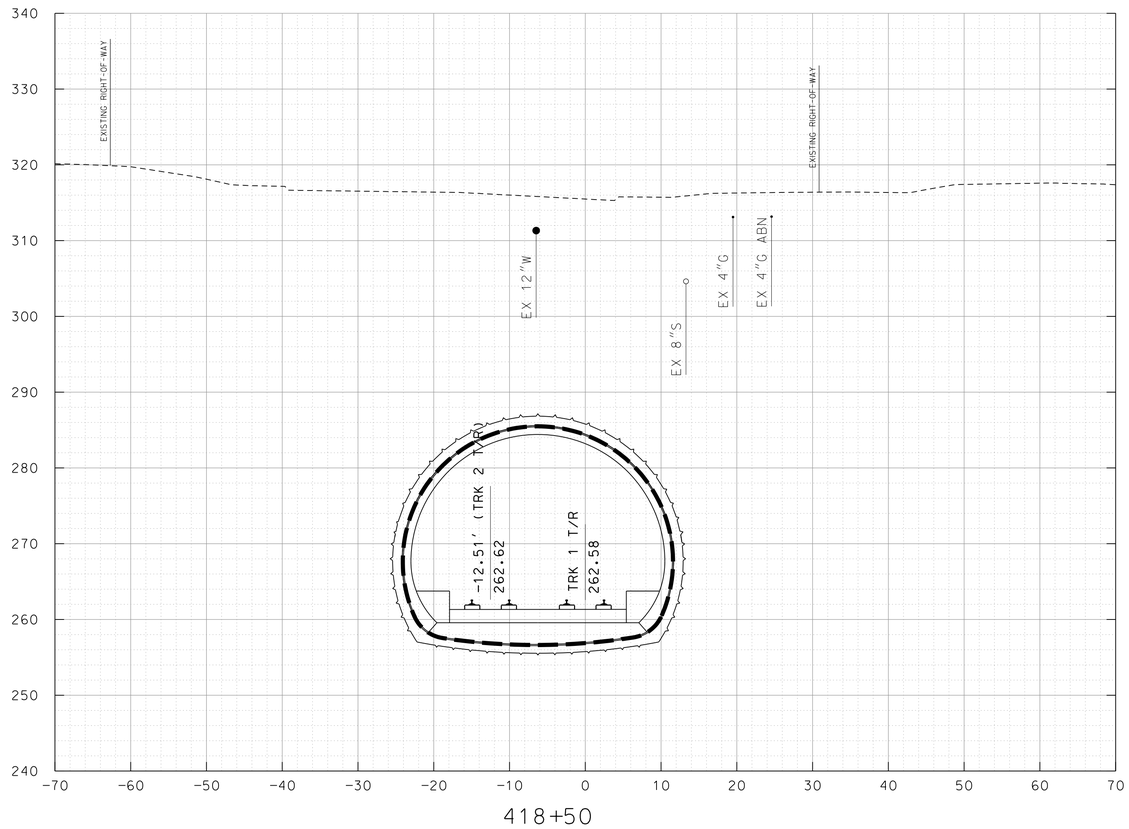
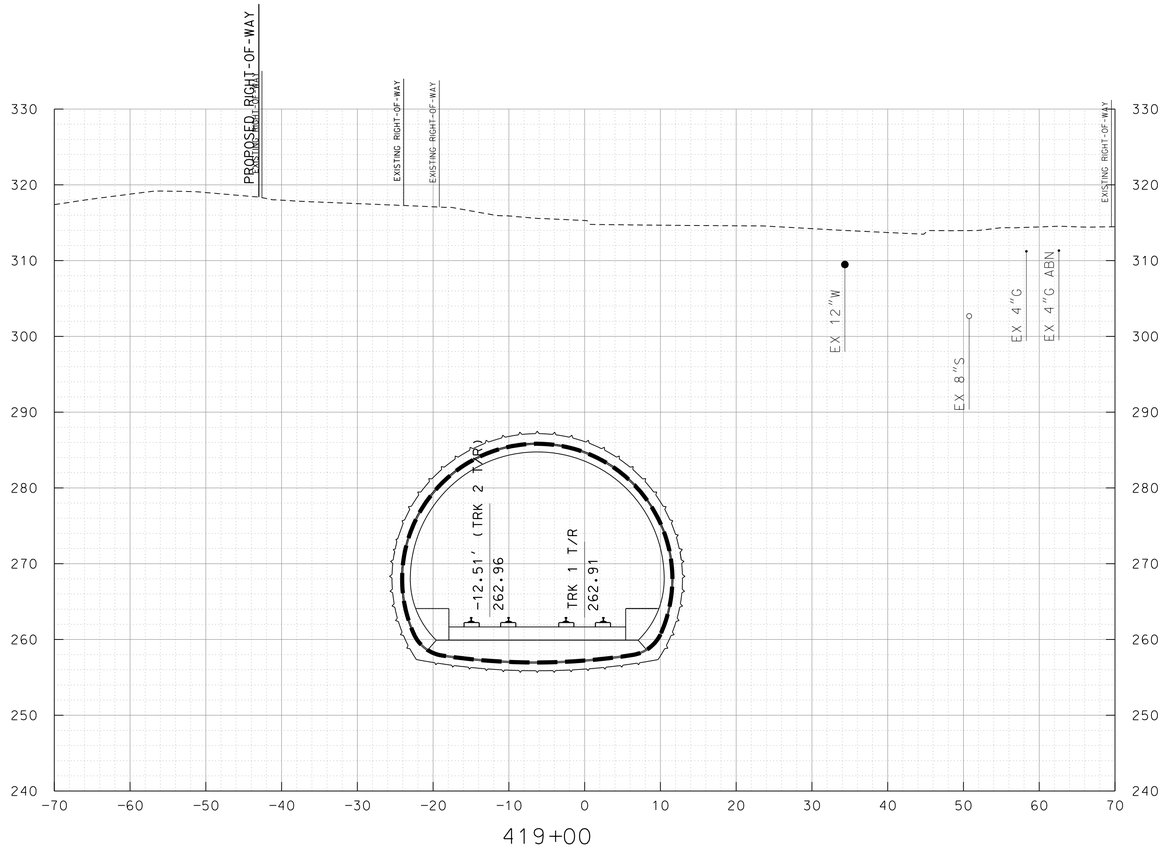
12/10/2013



418+50



419+00

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland
Gannett Fleming
WR&A
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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 418+50 TO STA TRK 1 419+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-188
SHEET NO. 197 OF 736

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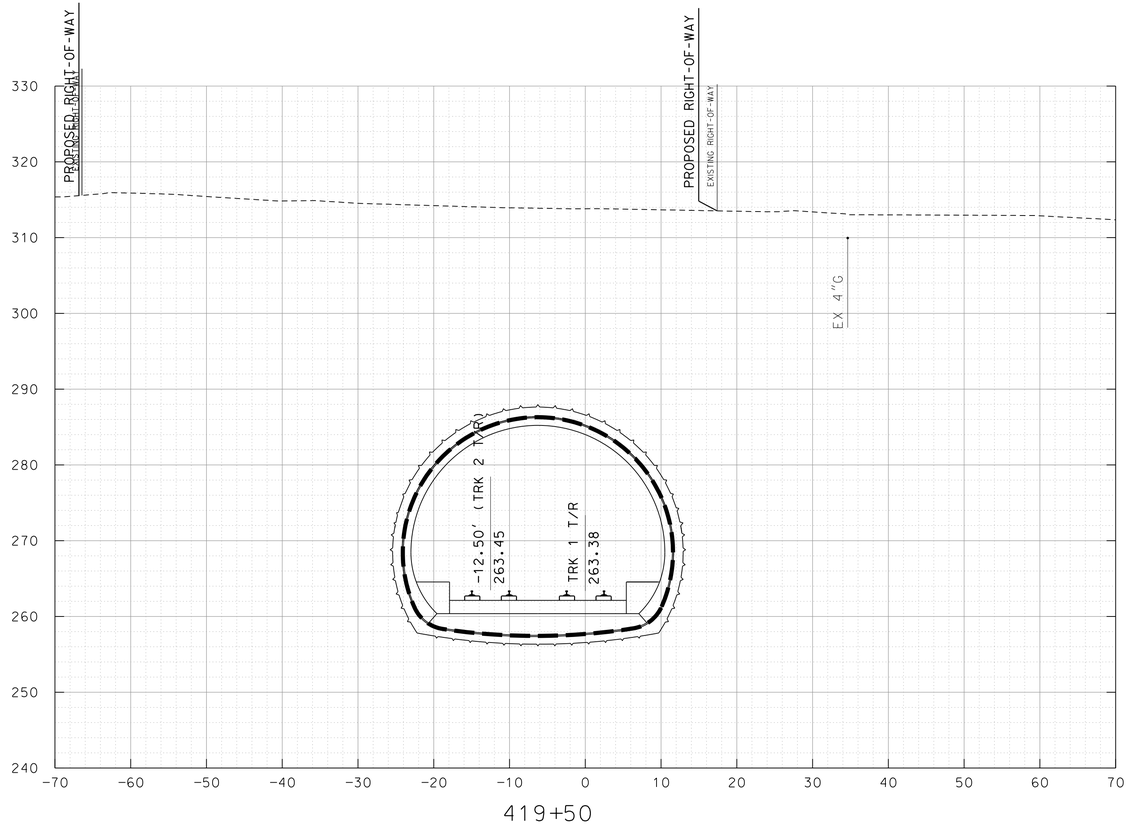
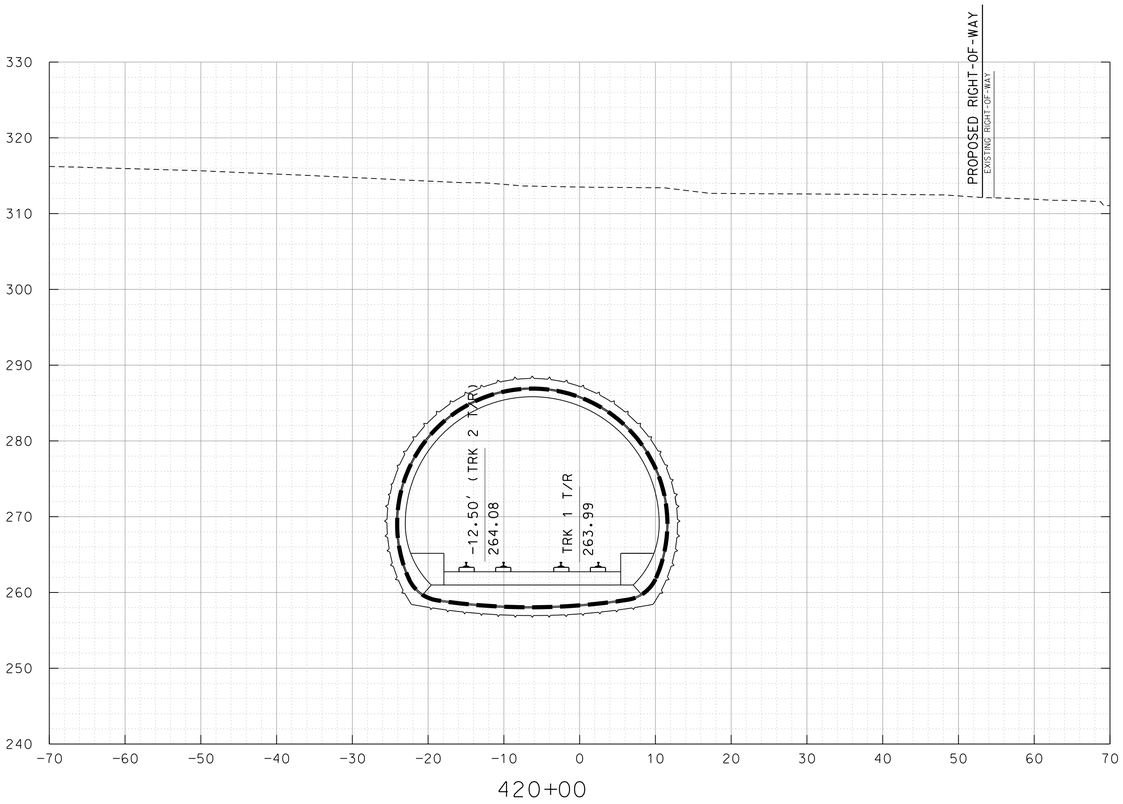
12/10/2013



419+50



420+00

10' 0 10' 20'
SCALE: 1"=10'

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MARYLAND TRANSIT ADMINISTRATION
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DESGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 419+50 TO STA TRK 1 420+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-189
SHEET NO. 198 OF 736

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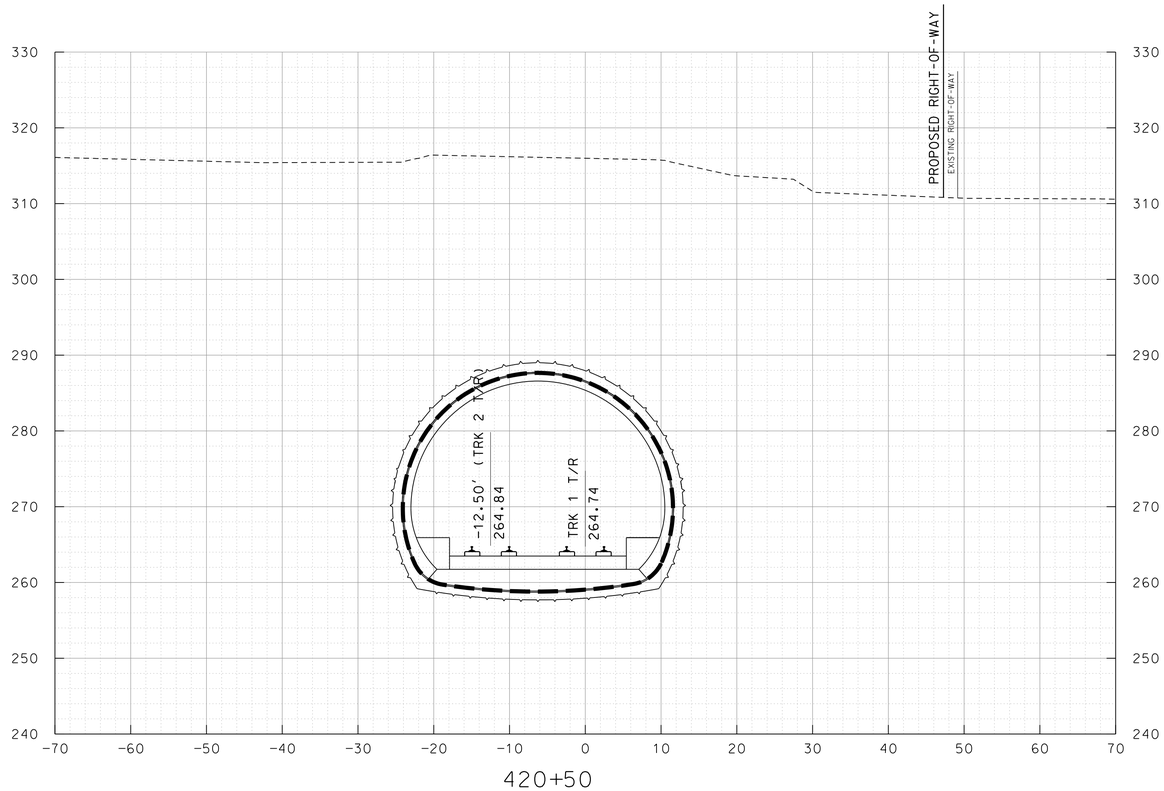
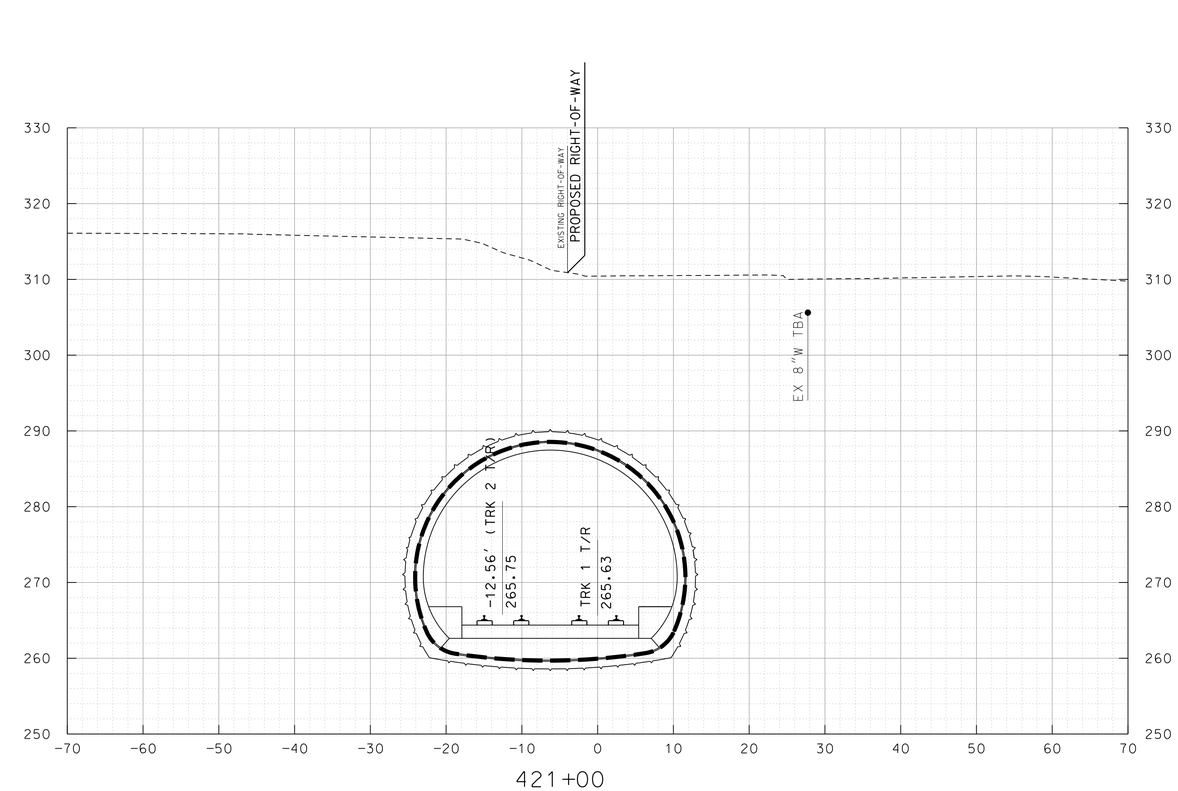
12/10/2013



420+50



421+00

10' 0 10' 20'
SCALE: 1"=10'

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DESIGN
DRAWN
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APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 420+50 TO STA TRK 1 421+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-190
SHEET NO. 199 OF 736

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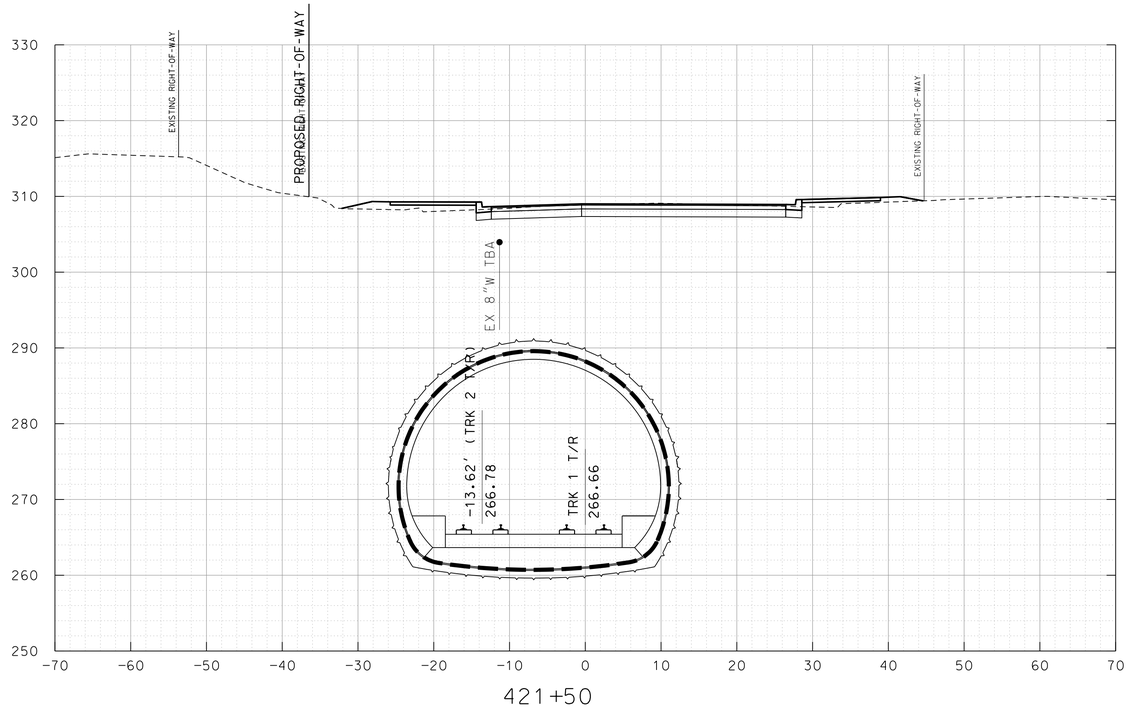
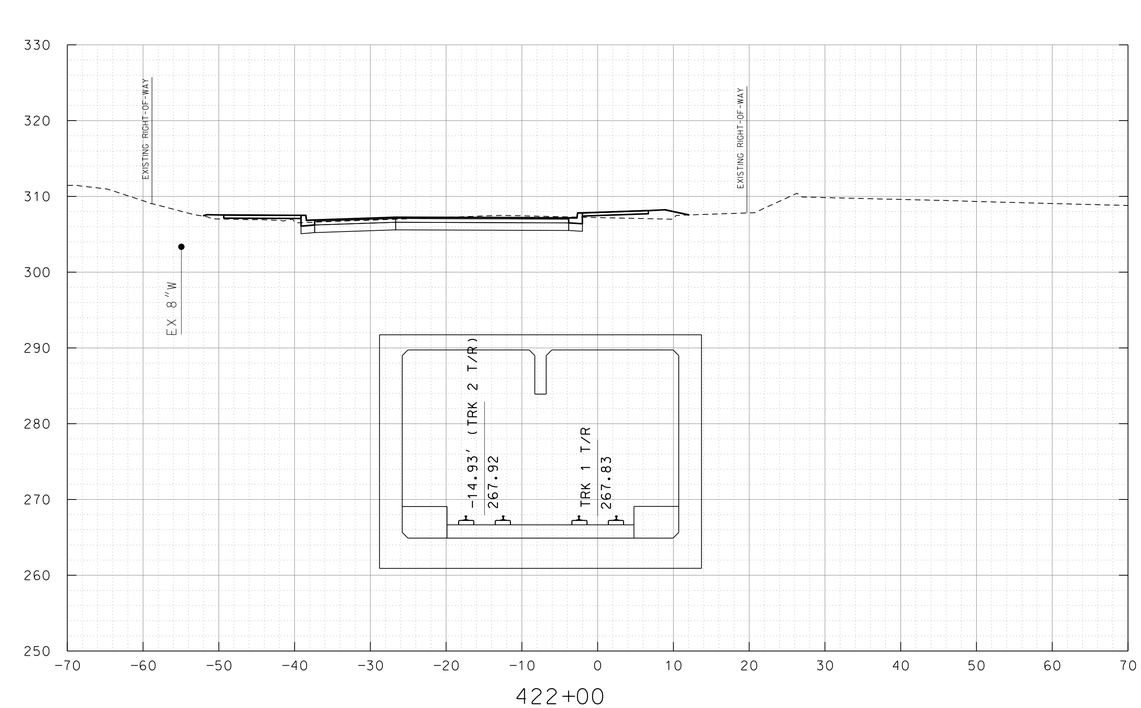
12/10/2013



421+50



422+00

10' 0 10' 20'
SCALE: 1"=10'

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MARYLAND TRANSIT ADMINISTRATION MTA Maryland

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DESGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 421+50 TO STA TRK 1 422+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-191
SHEET NO. 200 OF 736

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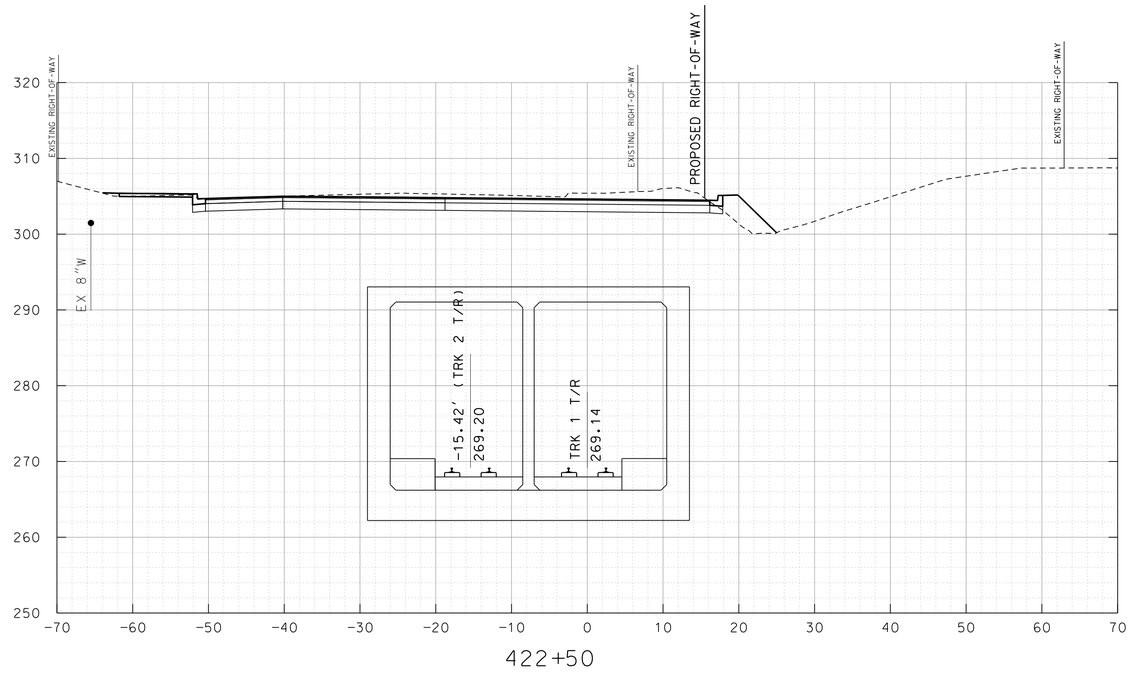
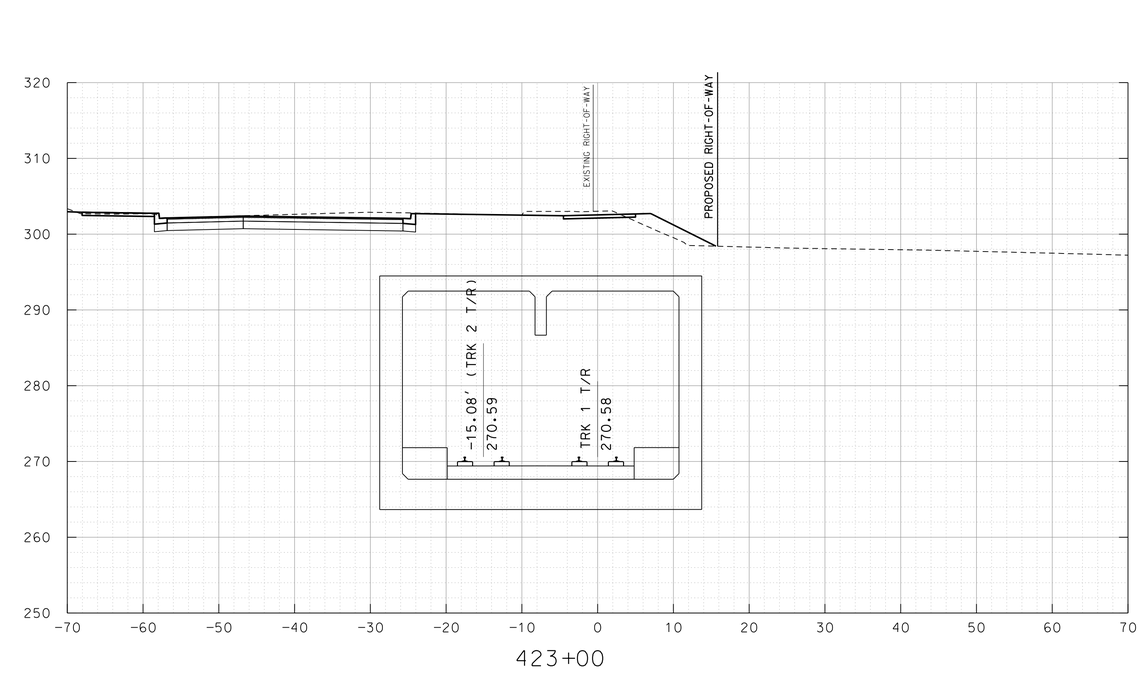
12/10/2013



422+50



423+00

10' 0 10' 20'

SCALE: 1"=10'

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DESIGN

DRAWN

CHECK

APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 422+50 TO STA TRK 1 423+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-192

SHEET NO. 201 OF 736

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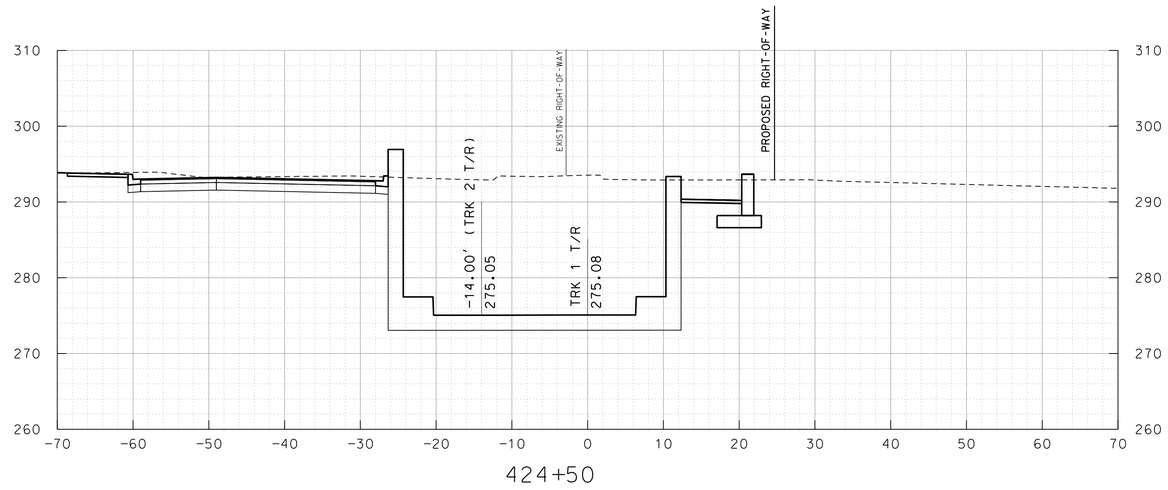
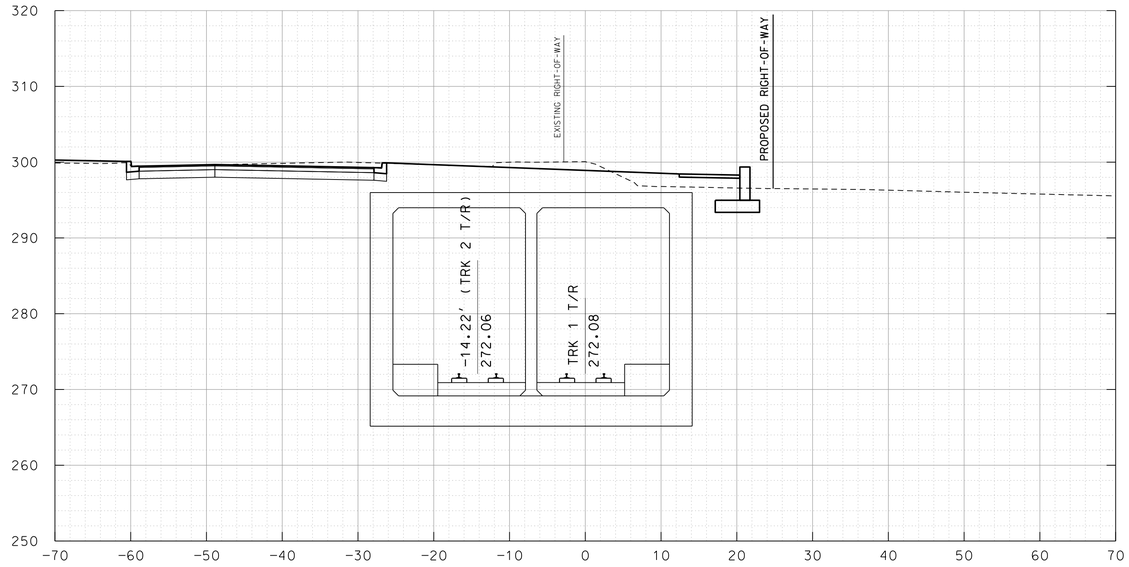
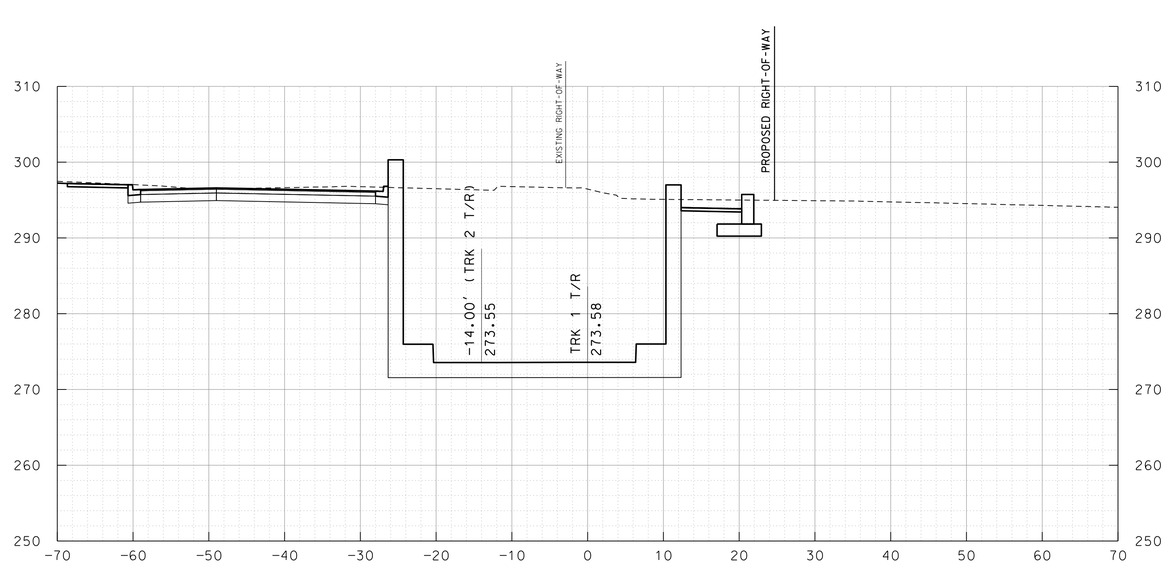
12/10/2013



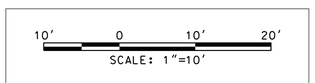
424+50



423+50



424+00



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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 423+50 TO STA TRK 1 424+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-193
SHEET NO. 202 OF 736

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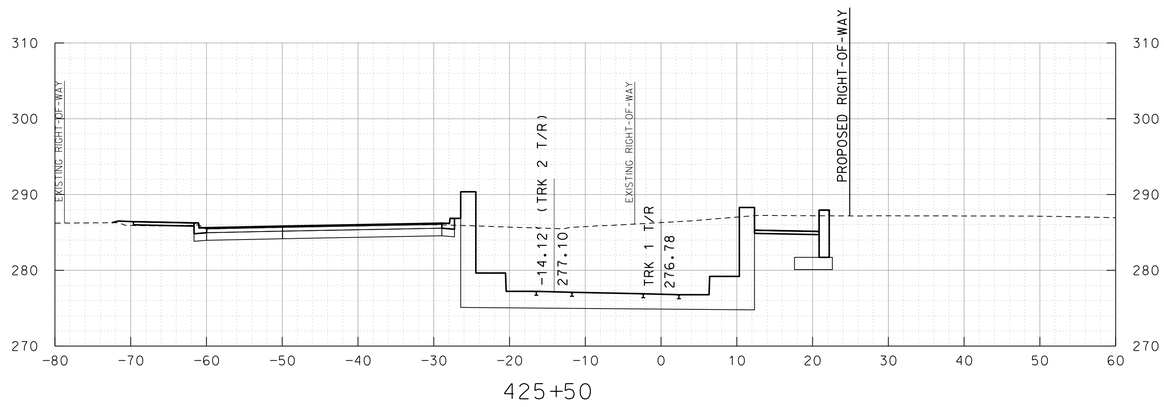
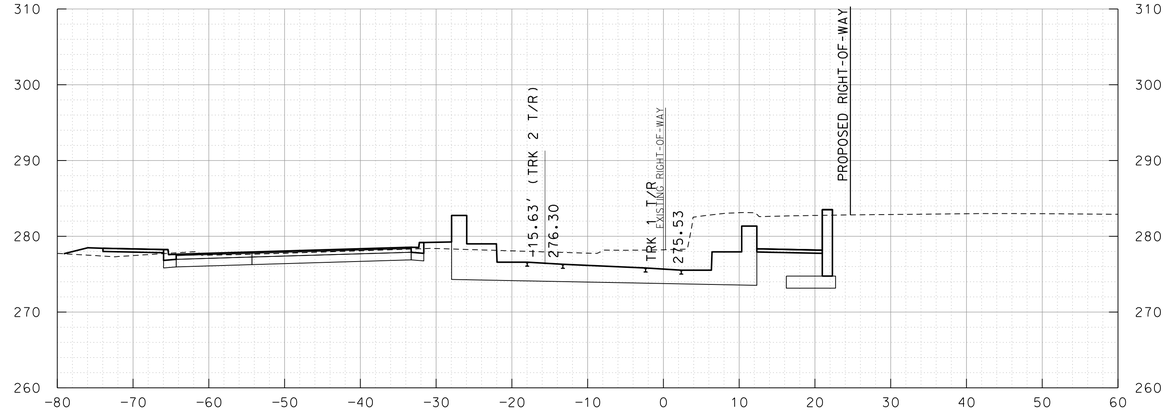
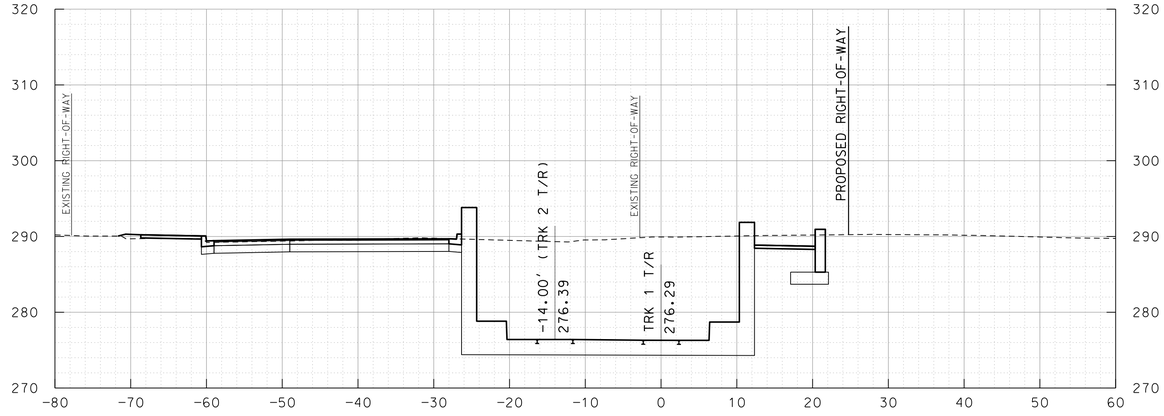
12/10/2013



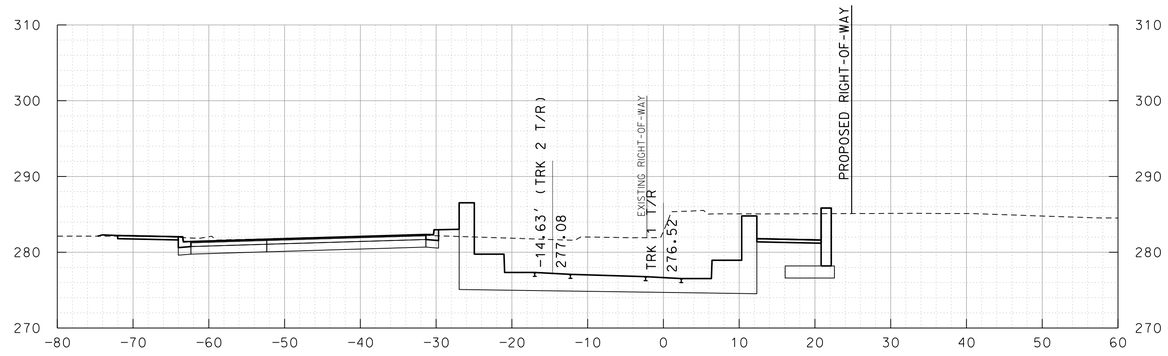
425+50



426+50



425+00



426+00

10' 0 10' 20'

SCALE: 1"=10'

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 425+00 TO STA TRK 1 426+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-194

SHEET NO. 203 OF 736

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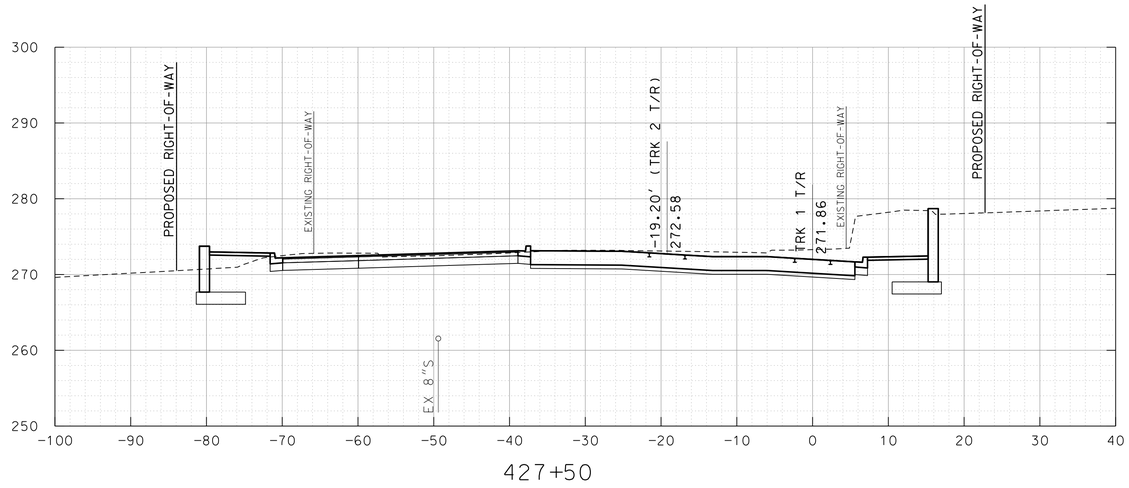
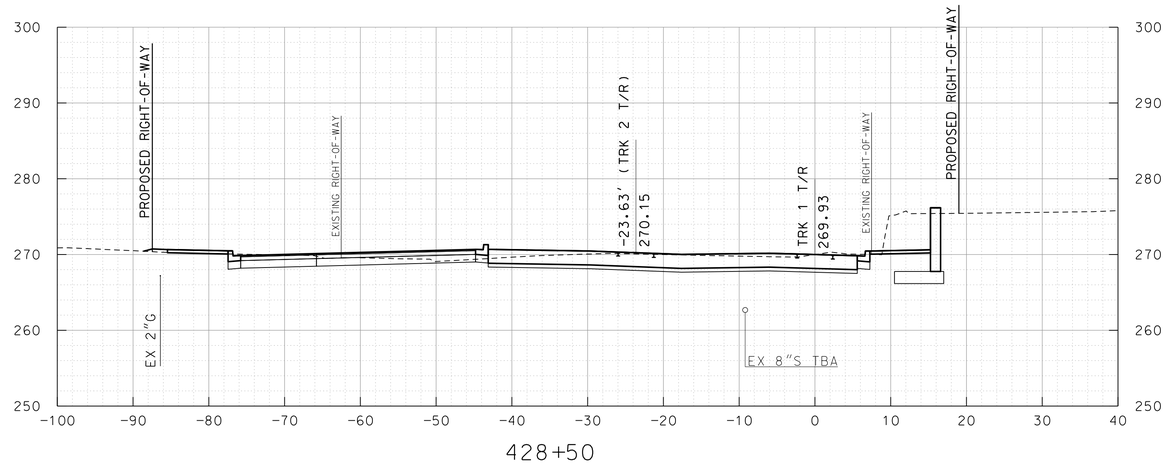
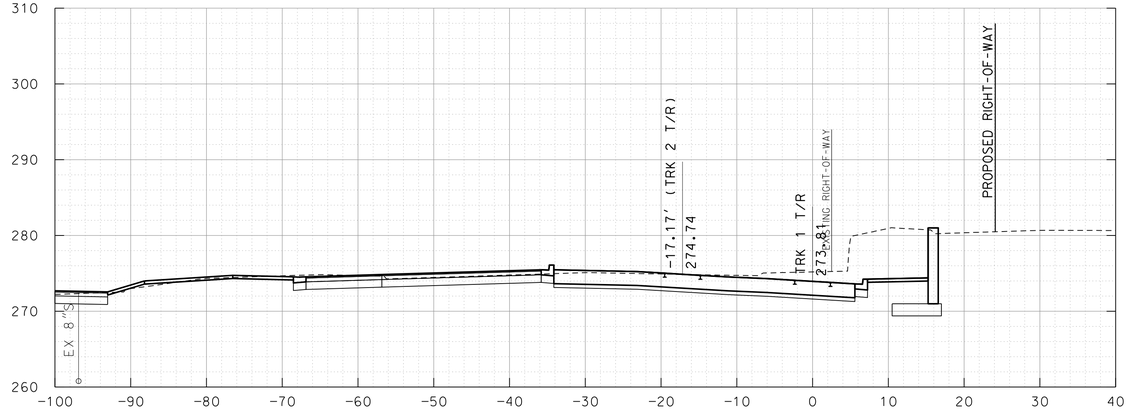
12/10/2013



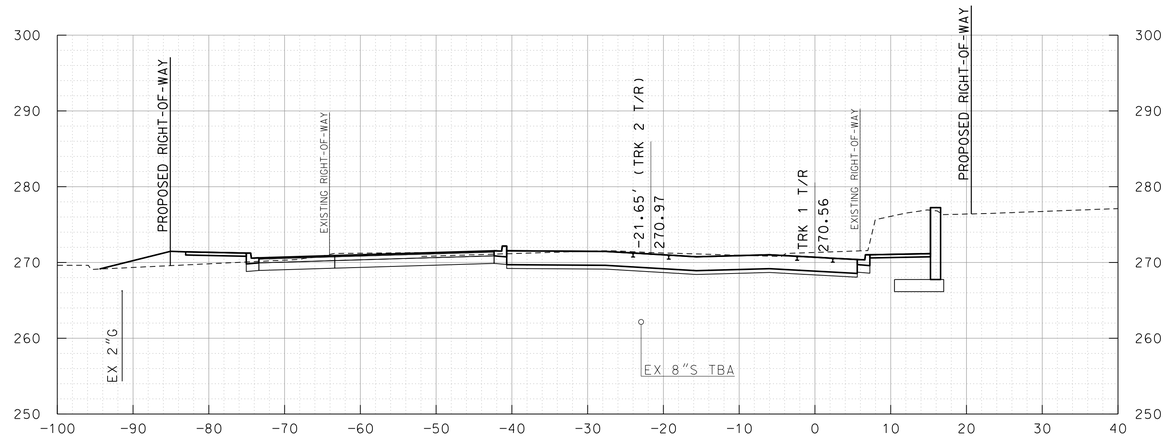
427+50



428+50



427+00



428+00

10' 0 10' 20'
SCALE: 1"=10'

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MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

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DESGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 427+00 TO STA TRK 1 428+50
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-195
SHEET NO. 204 OF 736

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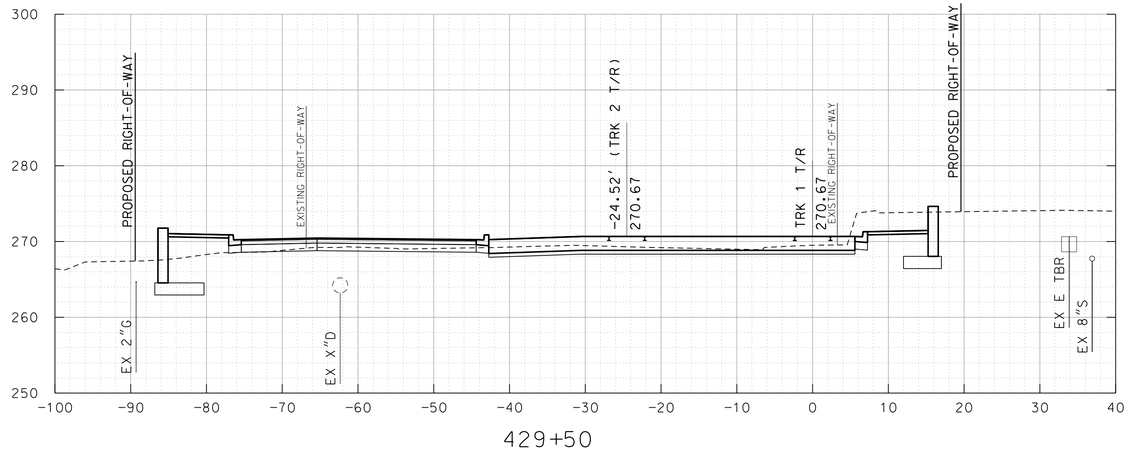
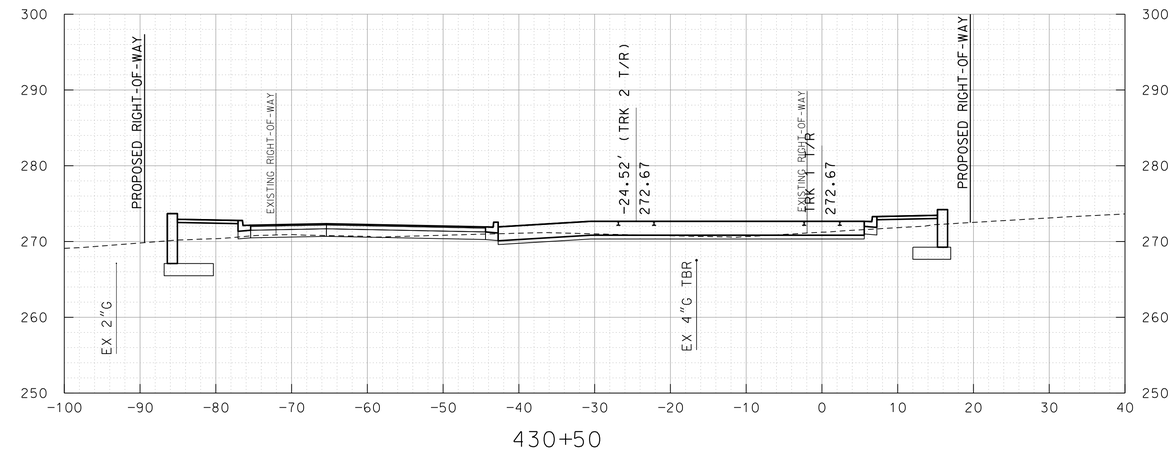
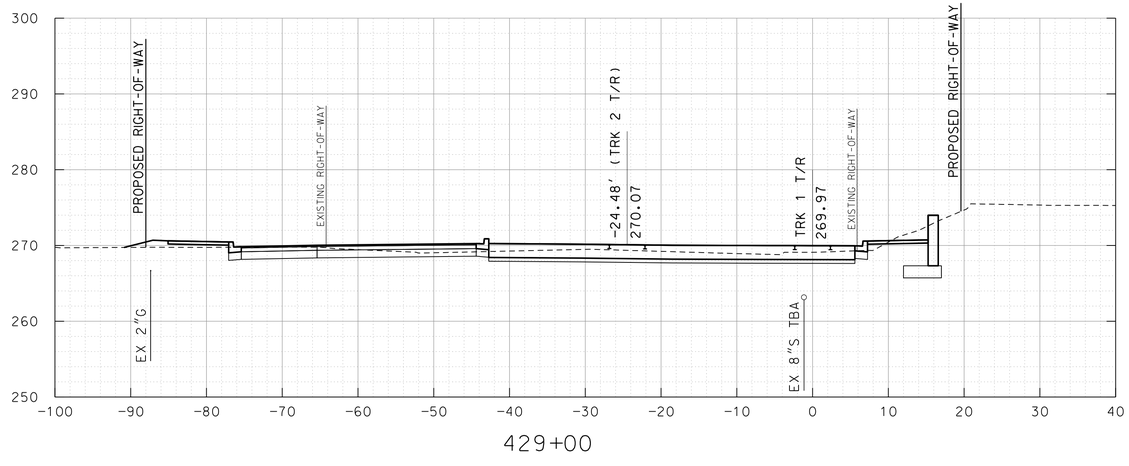
12/10/2013



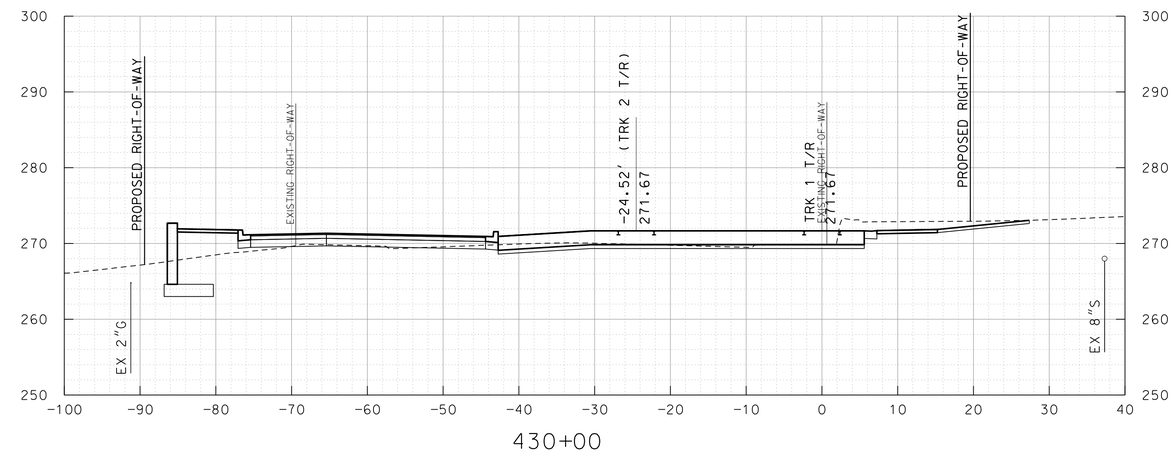
429+50



430+50



429+00



430+00

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
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DESGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 429+00 TO STA TRK 1 430+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO.
T-1042-0220

DRAWING NO.
XS-196

SHEET NO.
205 OF 736

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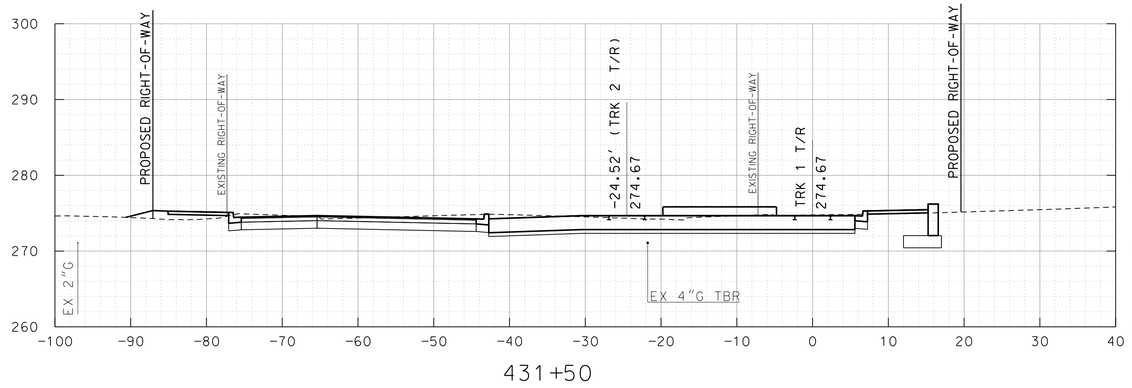
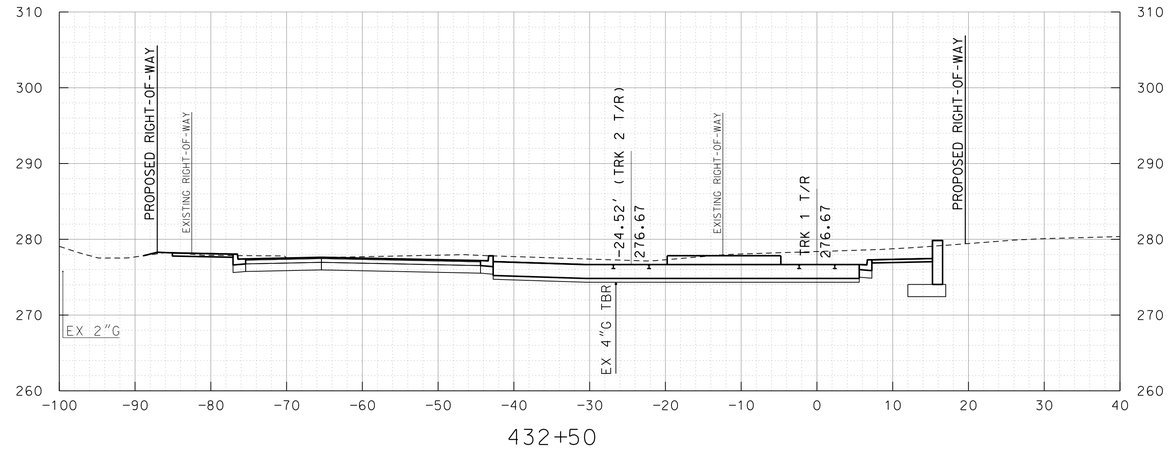
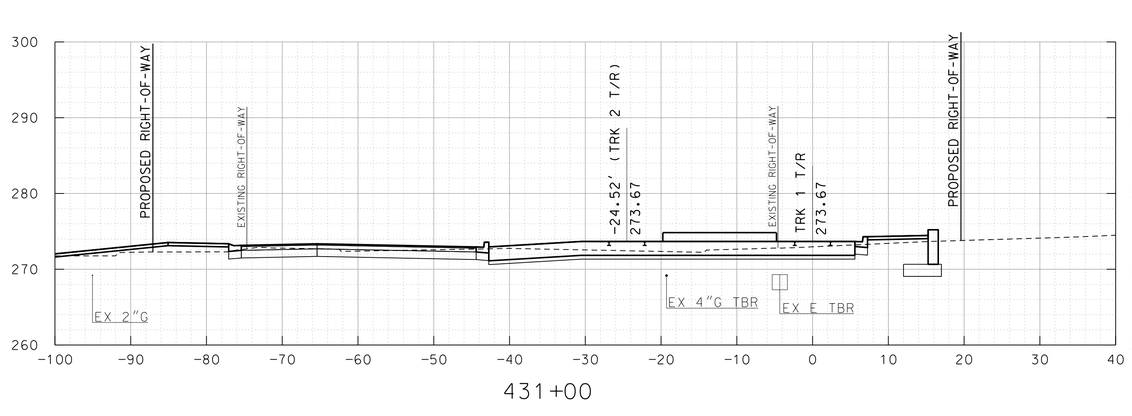
12/10/2013



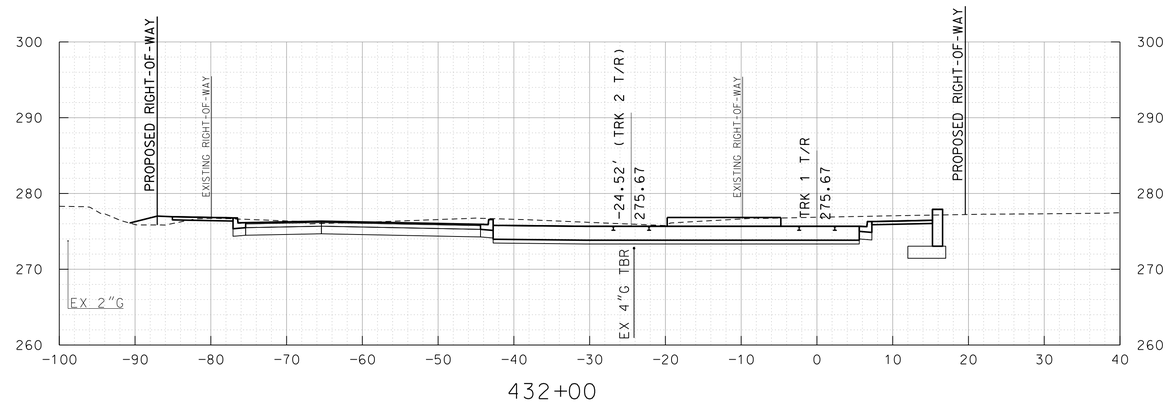
431+50



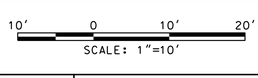
432+50



431+00



432+00



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

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PROFESSIONAL CERTIFICATION

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DESGN	
DRAWN	
CHECK	
APPR	

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 431+00 TO STA TRK 1 432+50

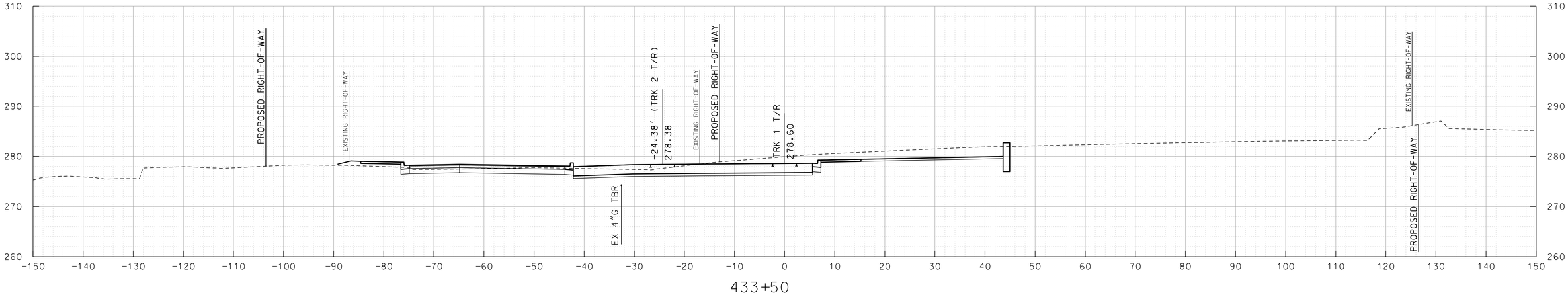
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

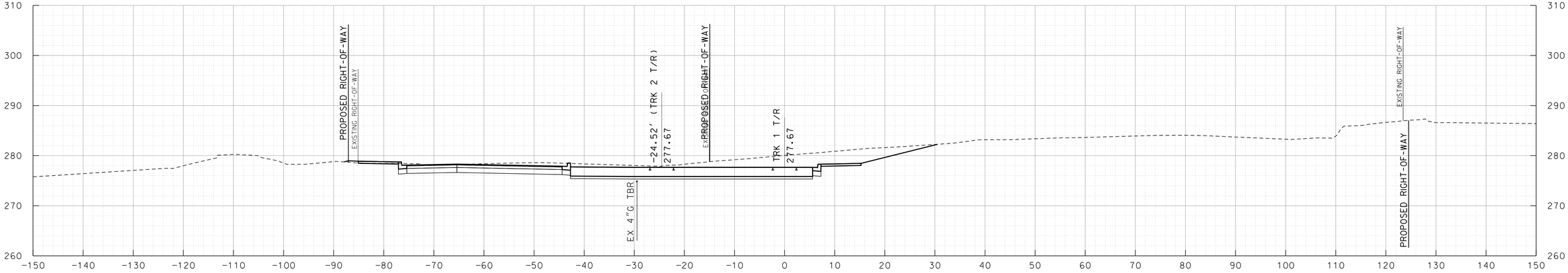
DRAWING NO. XS-197

SHEET NO. 206 OF 736

c:\pwworking\mtapw\je-benjamin foltz\dms55147\1042pXS5301.dgn
12/10/2013



433+50



433+00

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

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DESGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 433+00 TO STA TRK 1 433+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO.
T-1042-0220

DRAWING NO.
XS-198

SHEET NO.
207 OF 736

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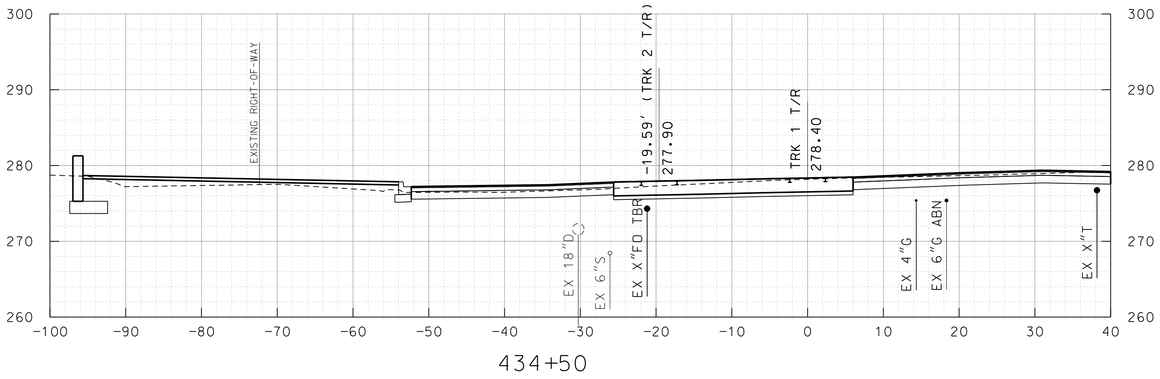
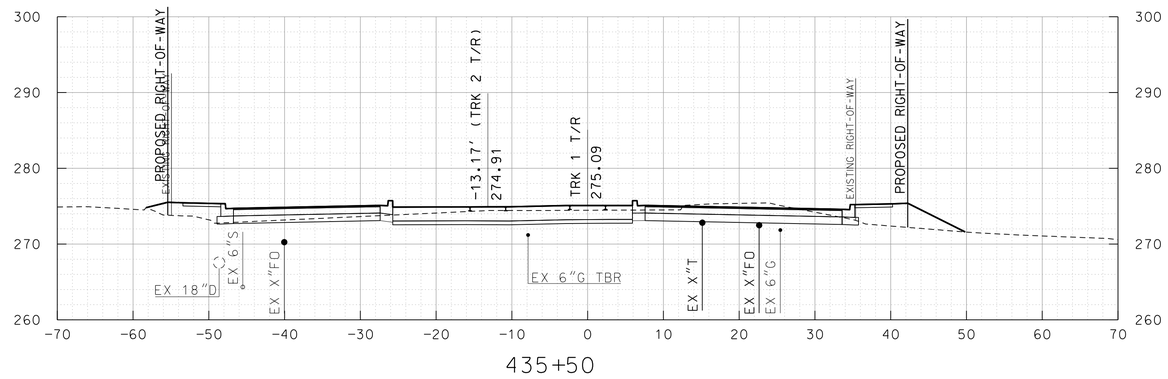
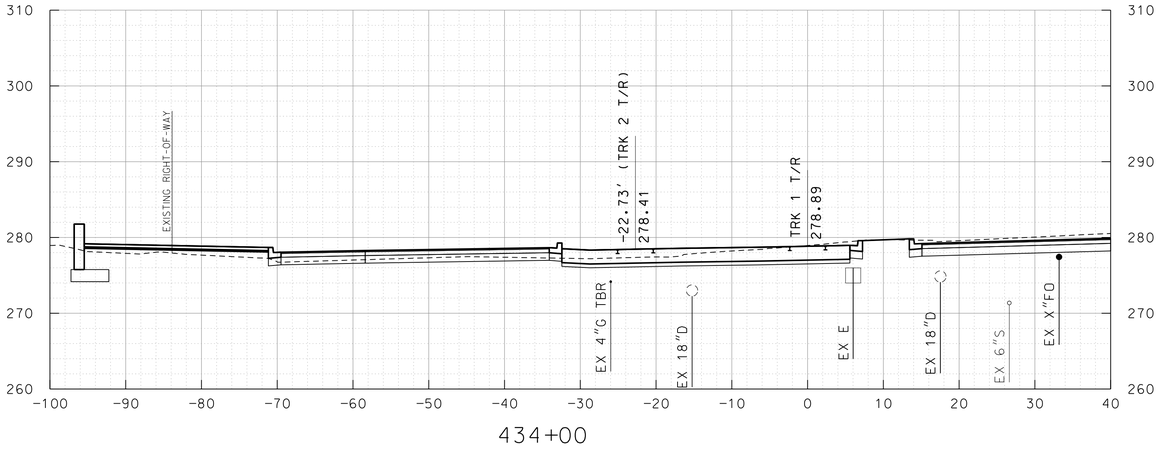
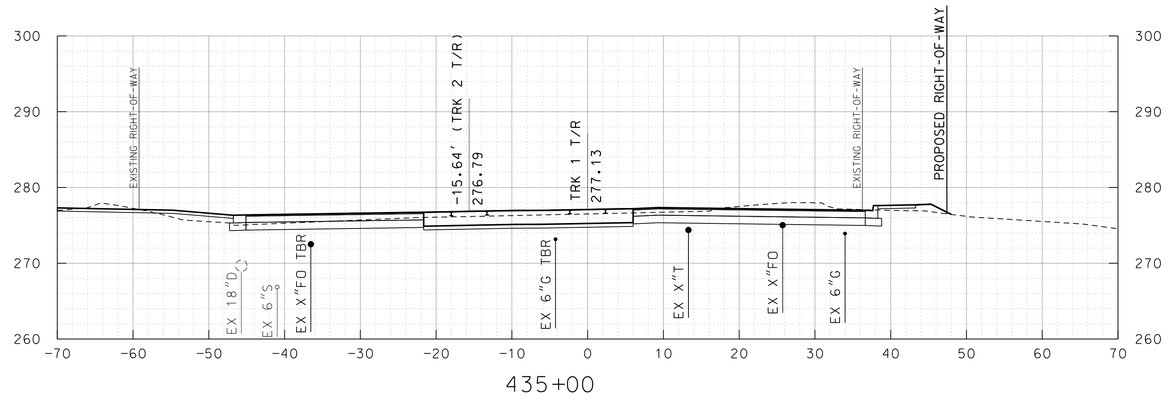
12/10/2013









10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

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DESGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 434+00 TO STA TRK 1 435+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO.
T-1042-0220

DRAWING NO.
XS-199

SHEET NO.
208 OF 736

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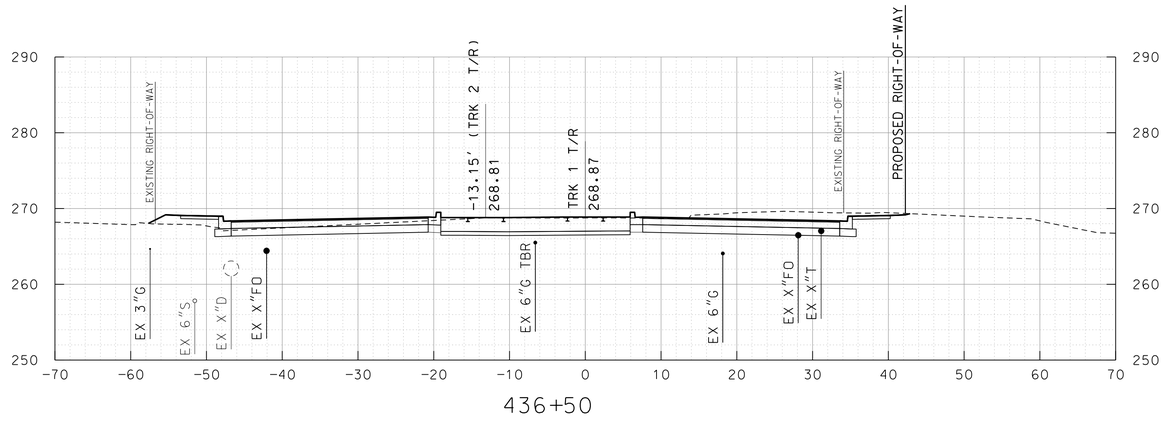
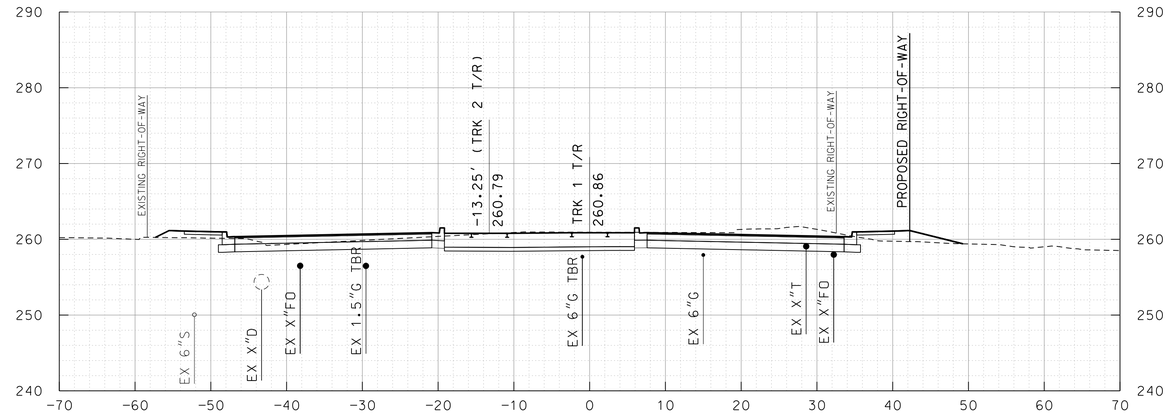
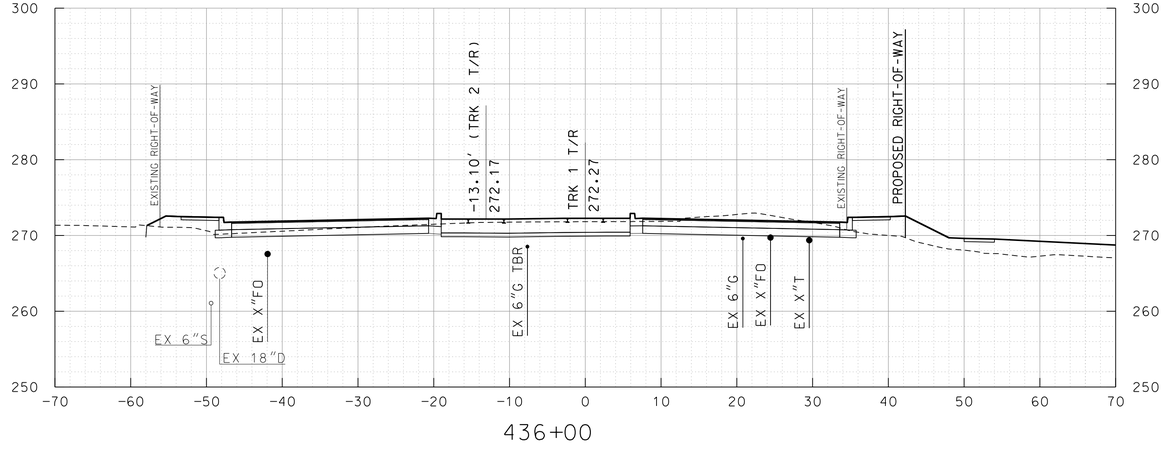
12/10/2013



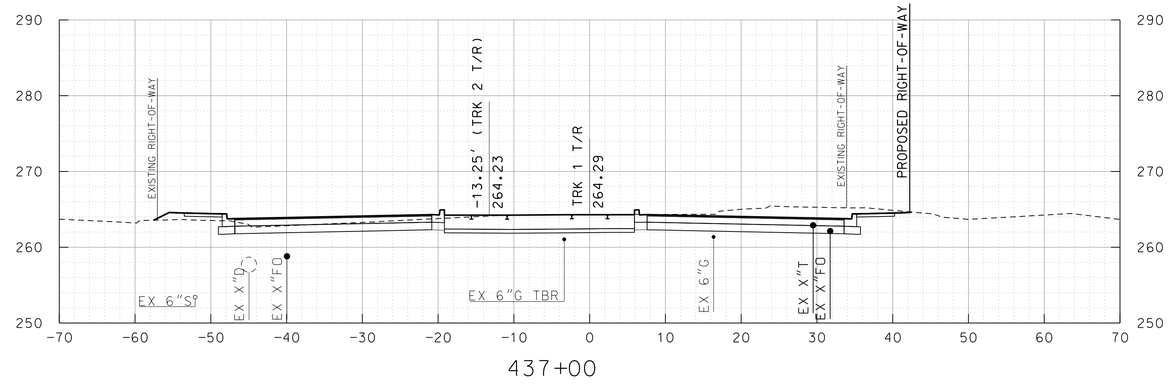
436+50



437+50



436+00



437+00

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 436+00 TO STA TRK 1 437+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-200
SHEET NO. 209 OF 736

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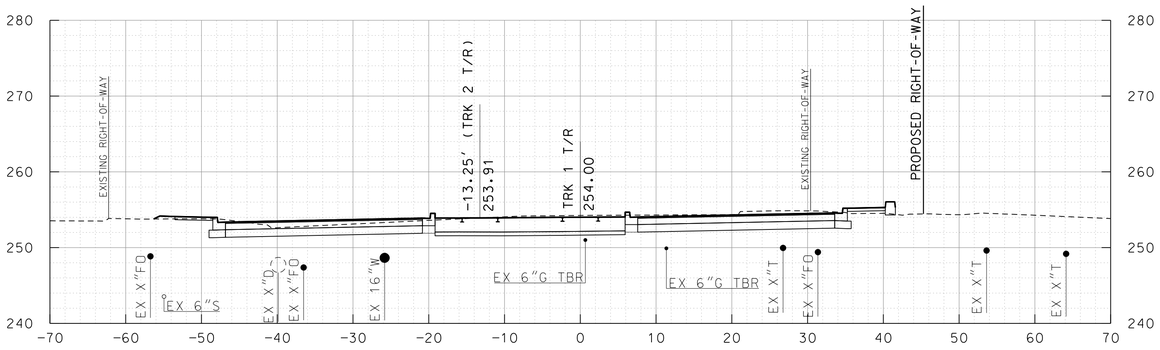
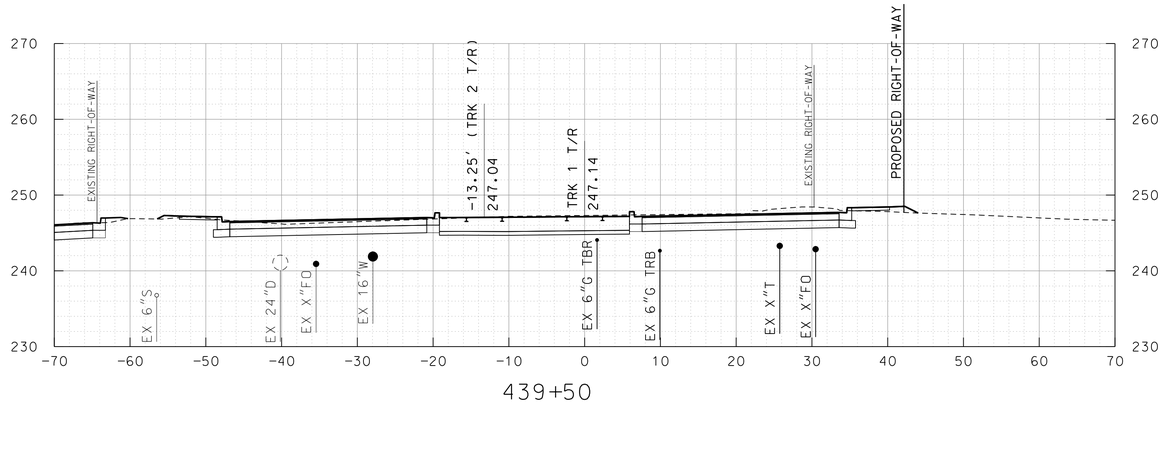
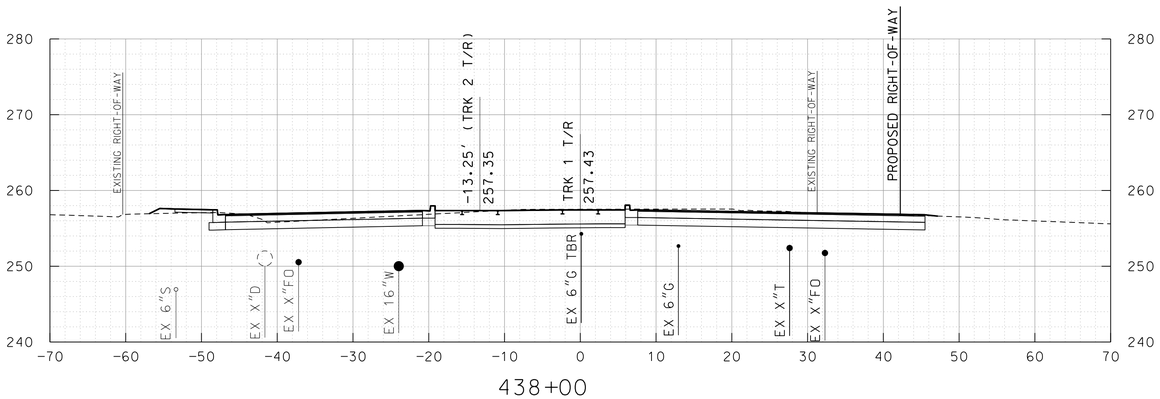
12/10/2013



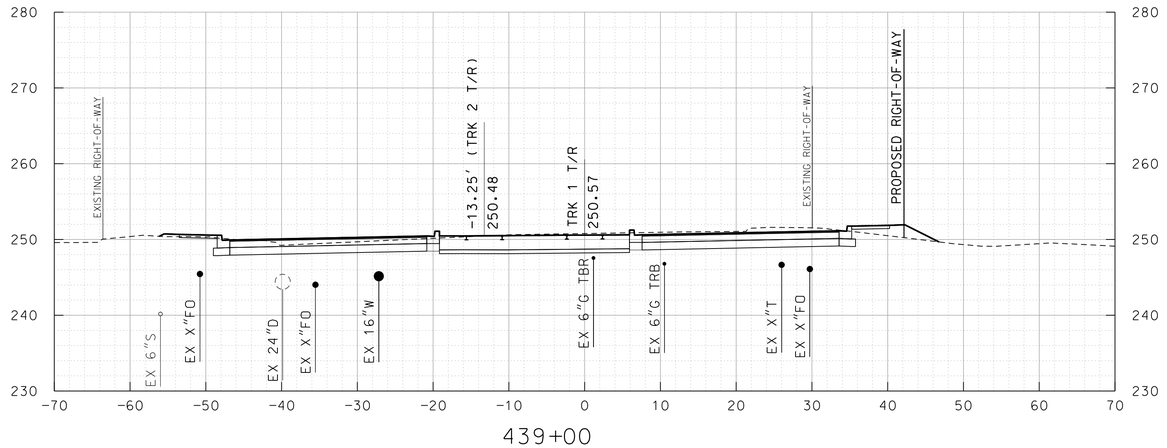
438+50



439+50



438+00



439+00

10' 0 10' 20'
SCALE: 1"=10'

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 438+00 TO STA TRK 1 439+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-201
SHEET NO. 210 OF 736

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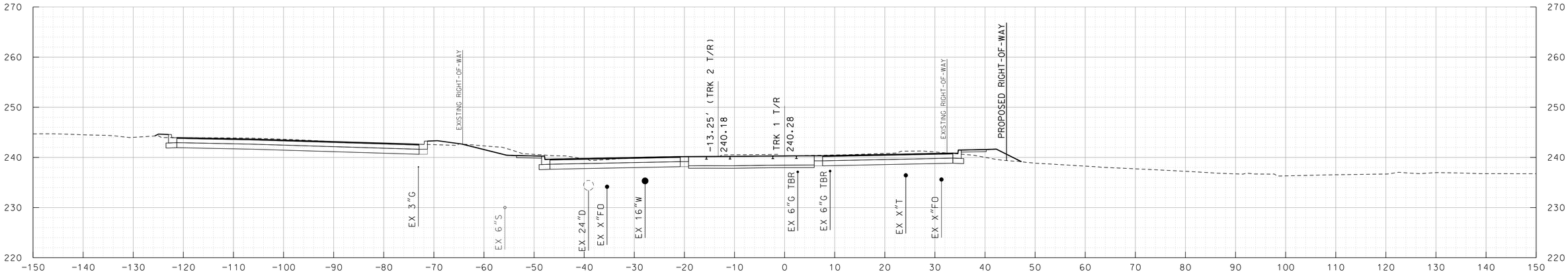
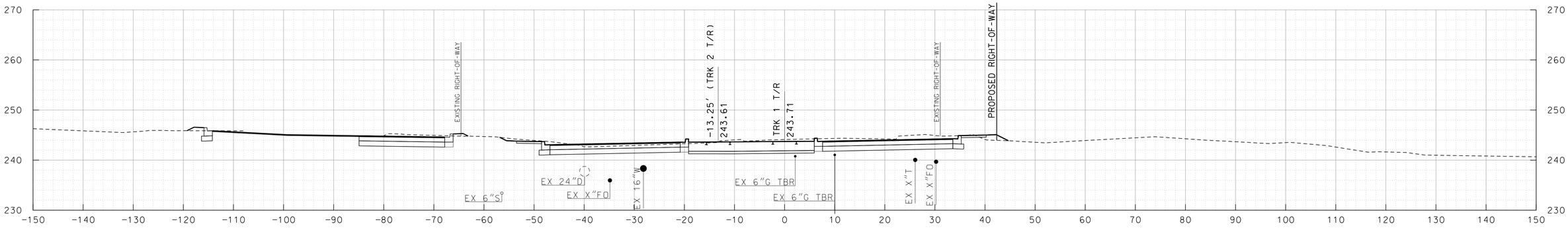
12/10/2013



440+50



440+00

10' 0 10' 20'
SCALE: 1"=10'

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 440+00 TO STA TRK 1 440+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-202
SHEET NO. 211 OF 736

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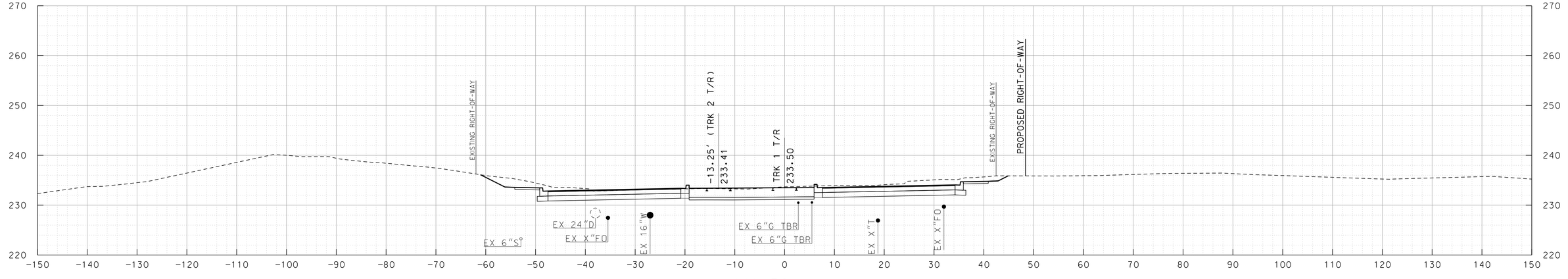
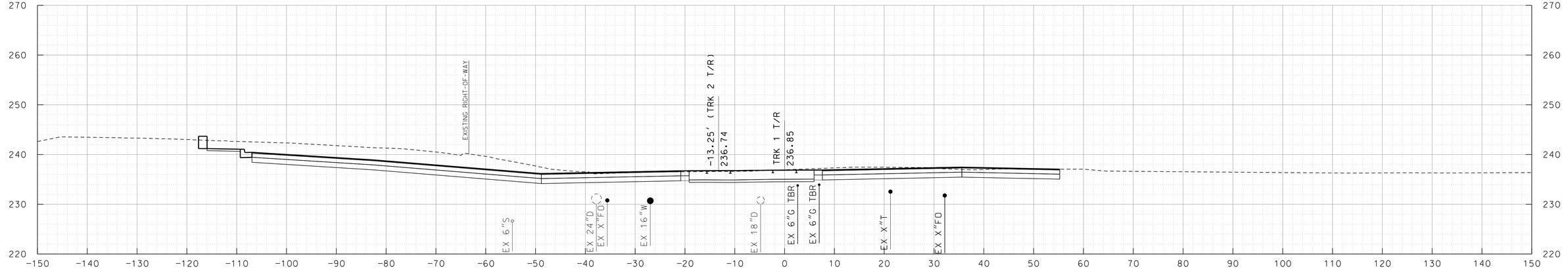
12/10/2013



441+50



441+00

10' 0 10' 20'
SCALE: 1"=10'

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DESGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 441+00 TO STA TRK 1 441+50
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO.
T-1042-0220
DRAWING NO.
XS-203
SHEET NO.
212 OF 736

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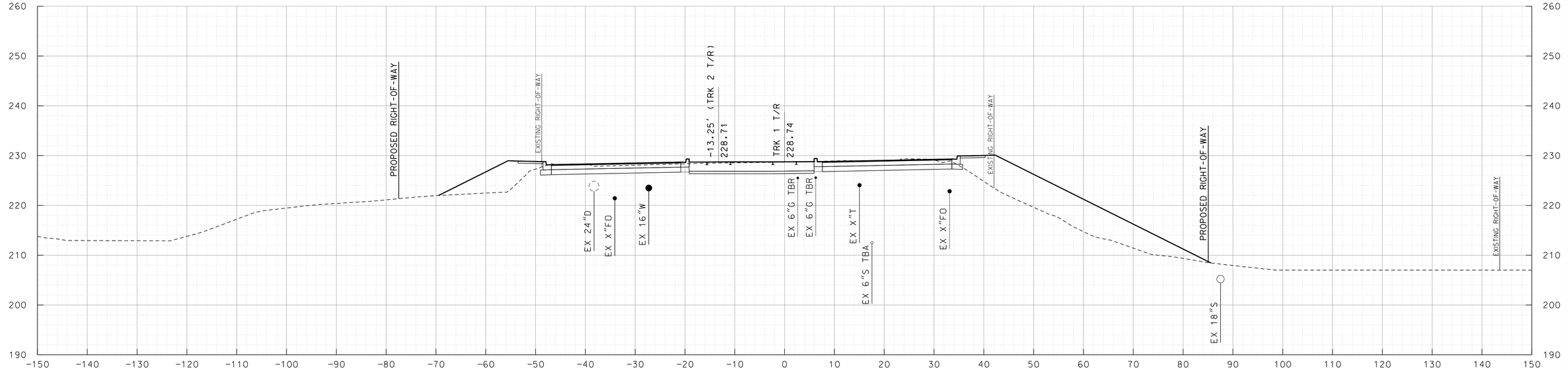
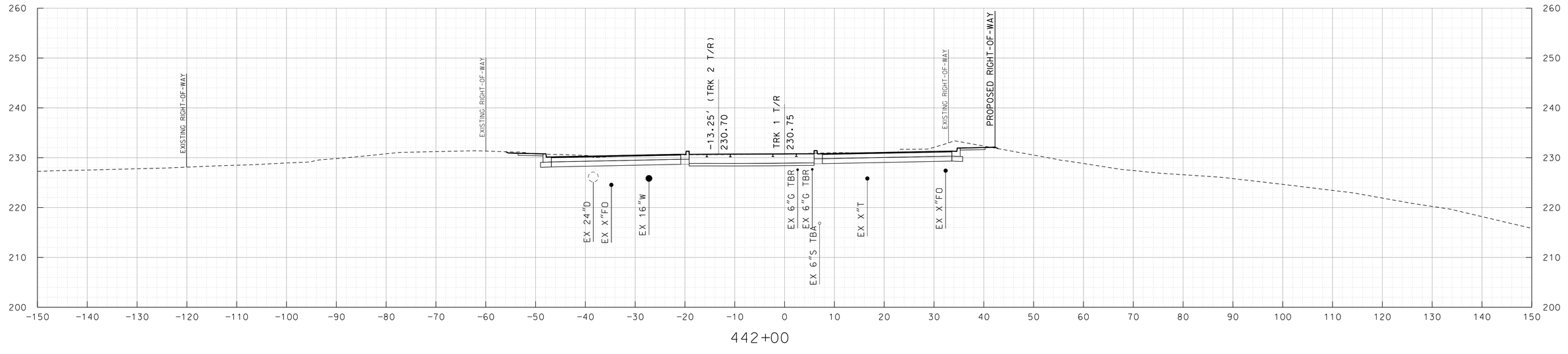
12/10/2013





10' 0 10' 20'
SCALE: 1"=10'

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 442+00 TO STA TRK 1 442+50
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-204
SHEET NO. 213 OF 736

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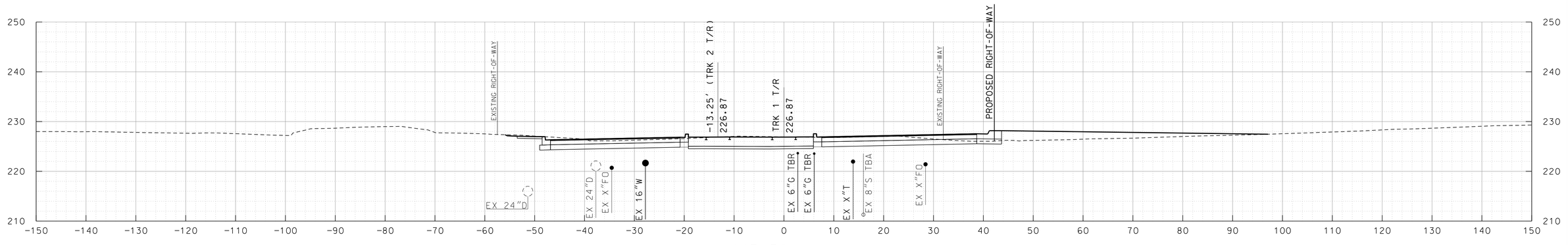
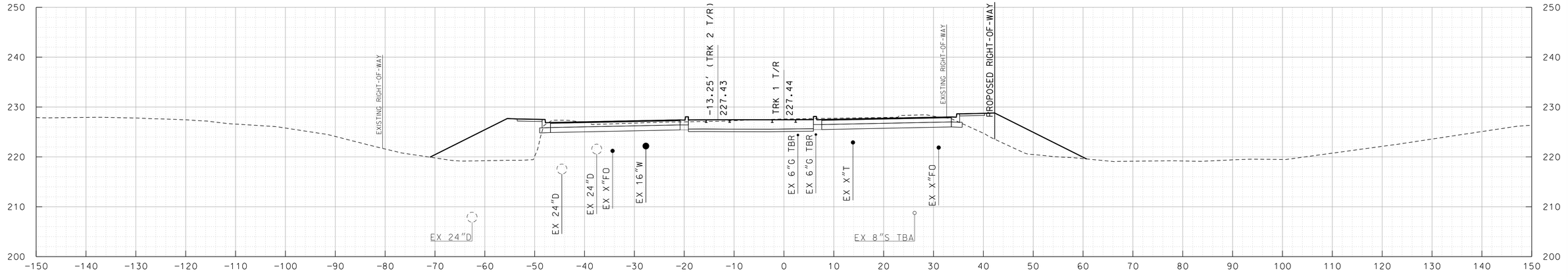
12/10/2013



443+50



443+00

10' 0 10' 20'

SCALE: 1"=10'

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 443+00 TO STA TRK 1 443+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-205

SHEET NO. 214 OF 736

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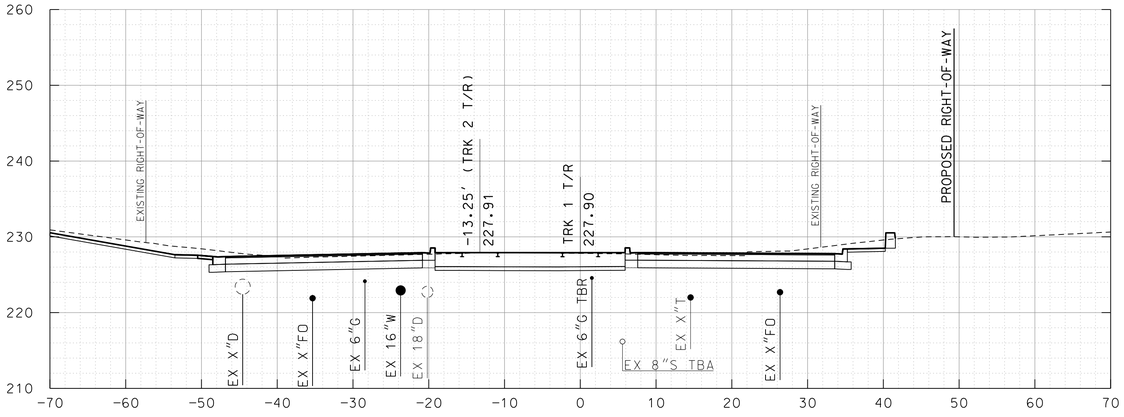
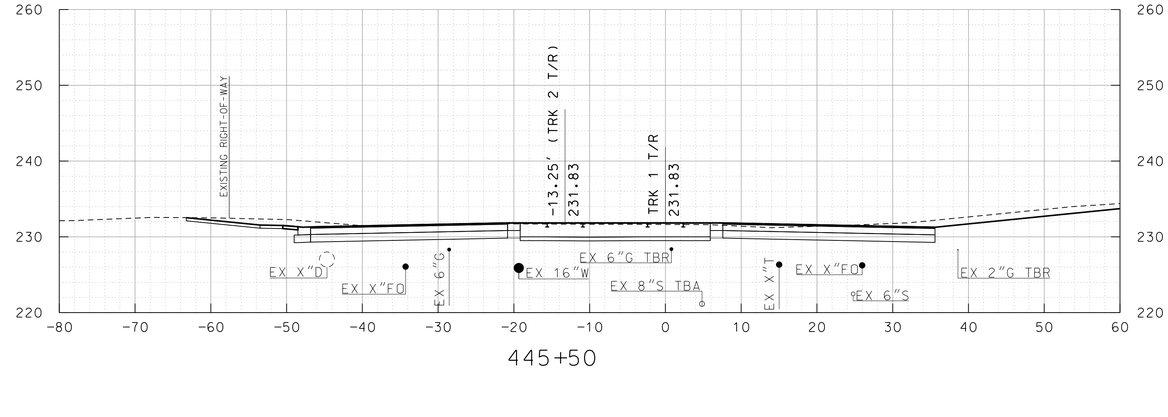
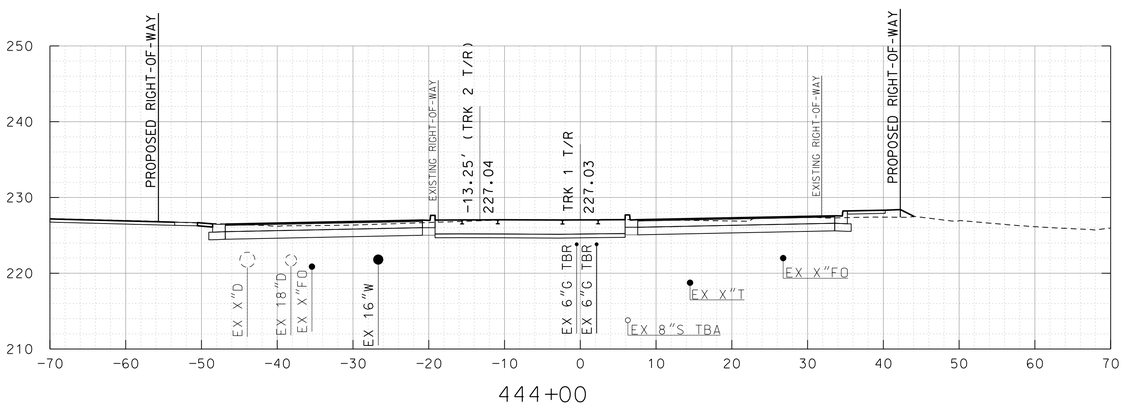
12/10/2013



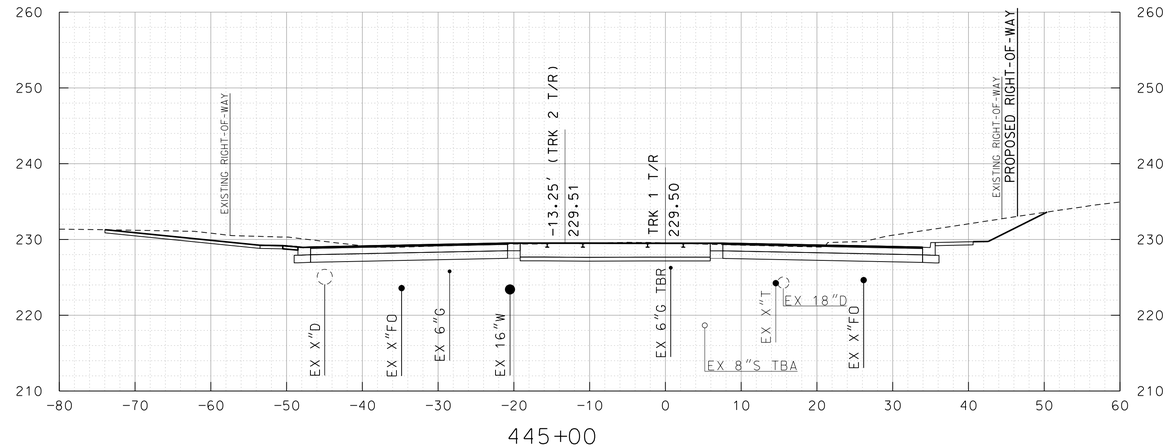
444+50



445+50



444+00



445+00

10' 0 10' 20'
SCALE: 1"=10'

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 444+00 TO STA TRK 1 445+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-206
SHEET NO. 215 OF 736

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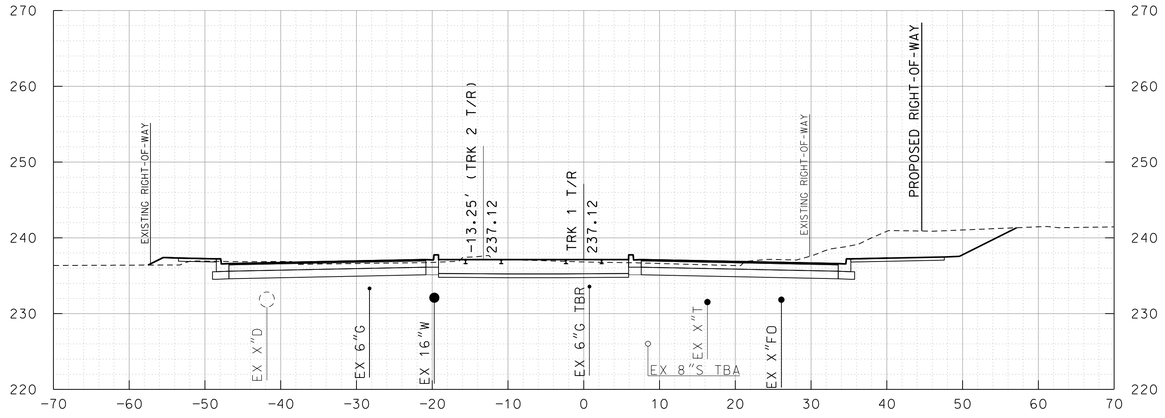
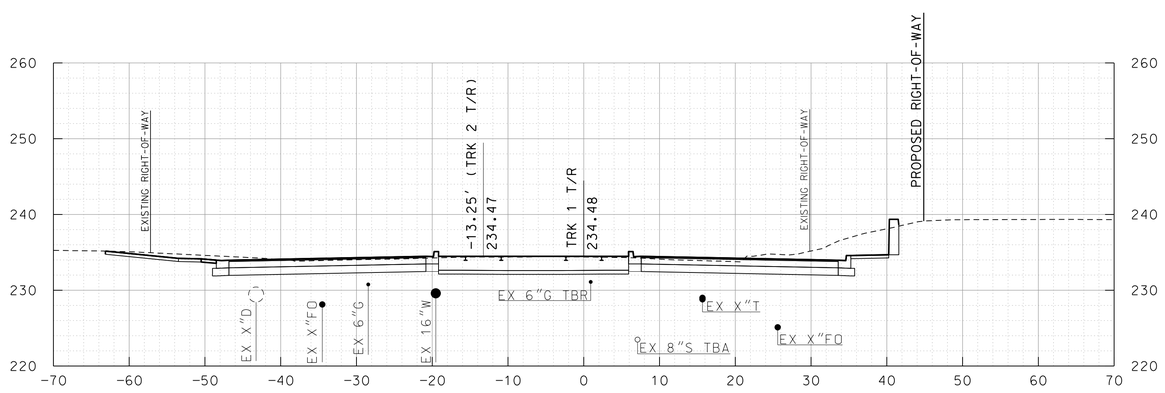
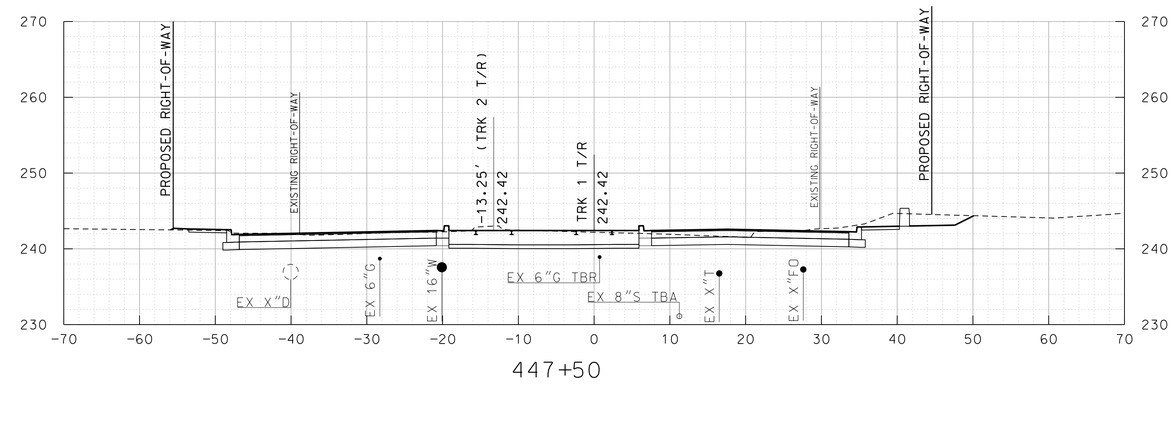
12/10/2013



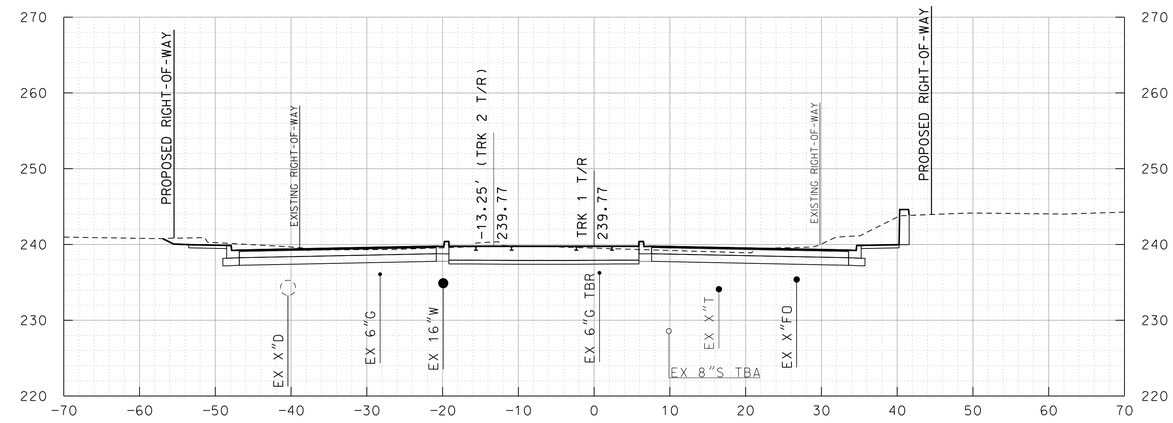
446+50



446+00



447+50



447+00

10' 0 10' 20'
SCALE: 1"=10'

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 446+00 TO STA TRK 1 447+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-207
SHEET NO. 216 OF 736

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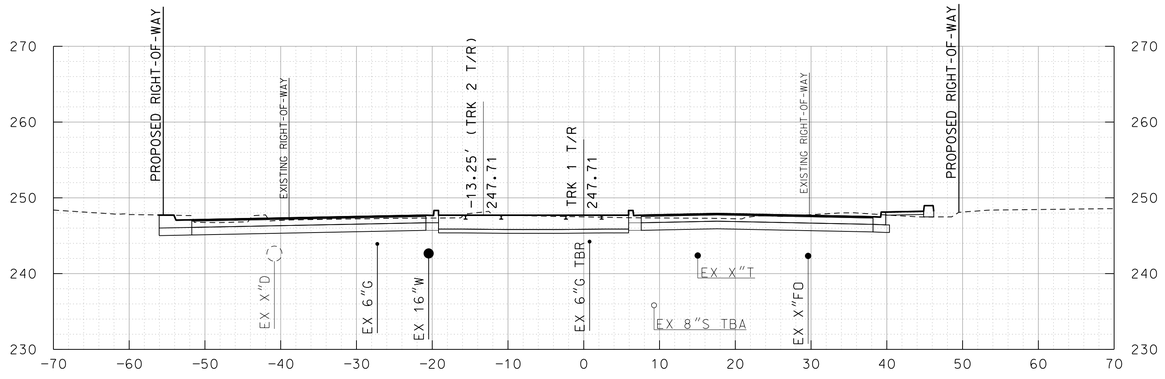
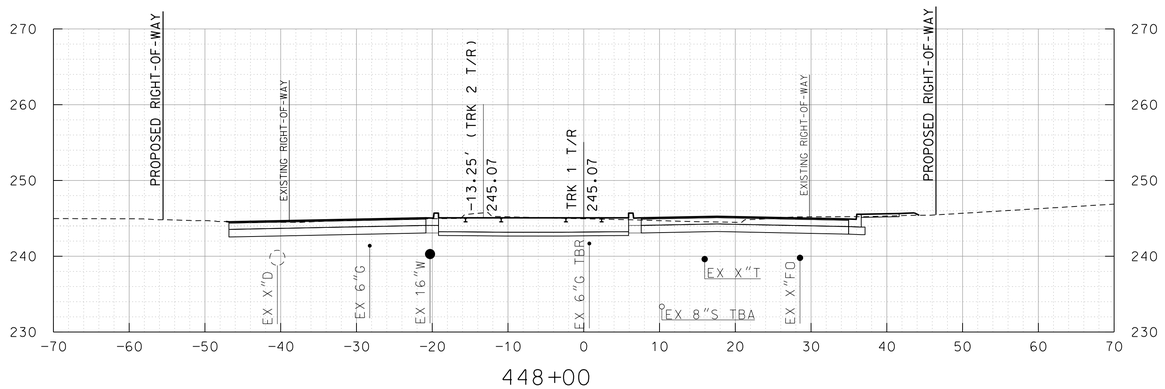
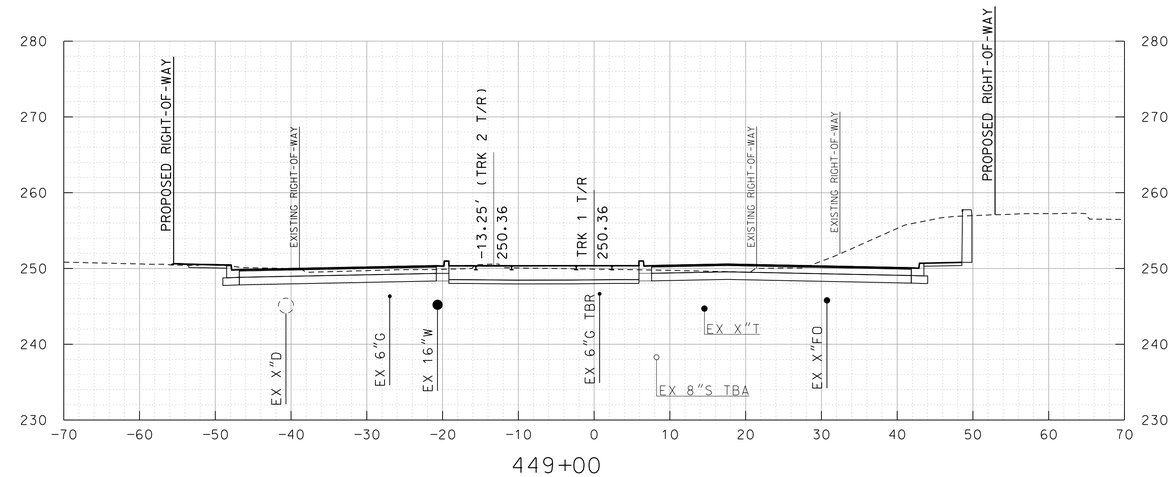
12/10/2013



448+50



448+00



449+00

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

JACOBS

PROFESSIONAL CERTIFICATION

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License No. Expiration Date

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DESGN
DRAWN
CHECK
APPR

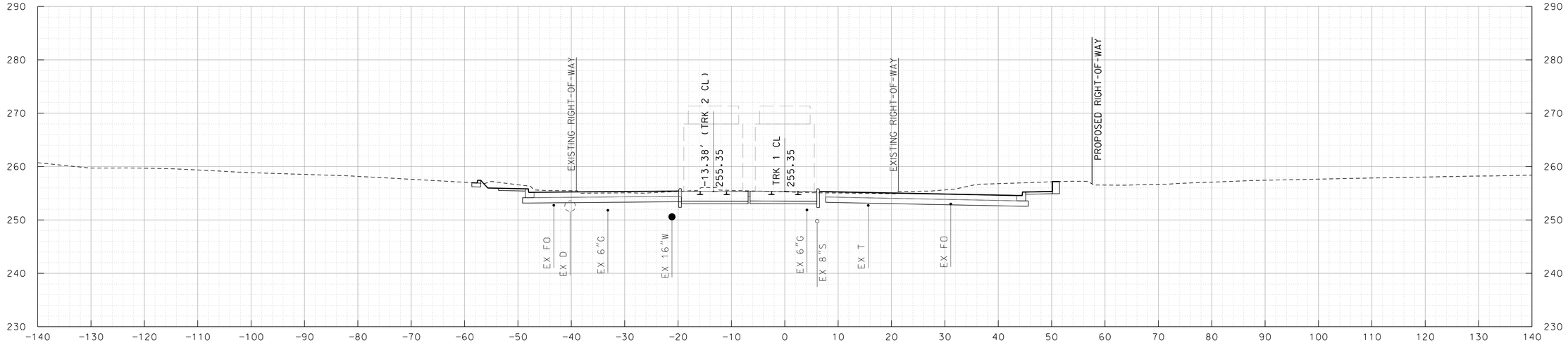
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 448+00 TO STA TRK 1 449+00

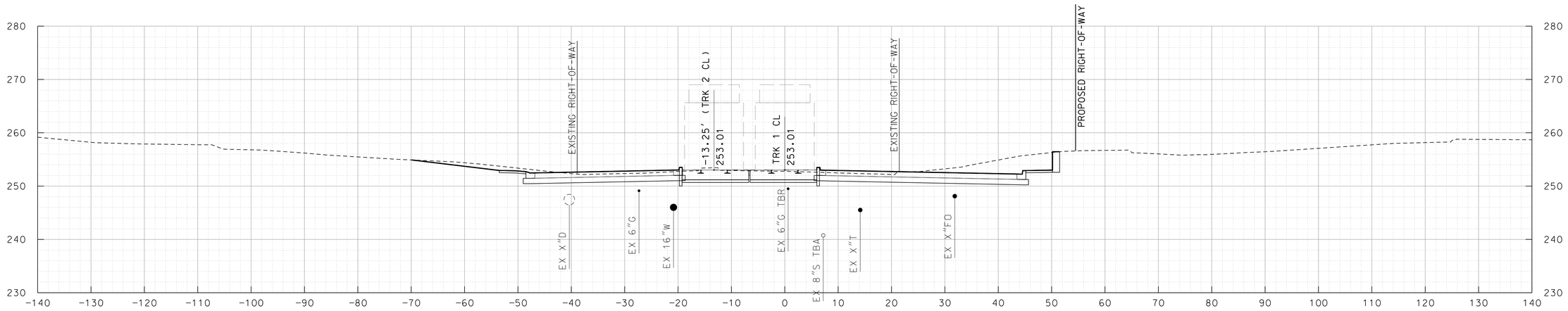
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-208
SHEET NO. 217 OF 736

pw:\\00 - Current Projects\1042 - Purple Line Light Rail\130 GEC CADD Files\Zone 05\Track\Sheet Files\1042pXS5315.dgn
12/18/2013



TRK 1 450+00



TRK 1 449+50

10′ 0 10′ 20′
SCALE: 1"=10′

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 449+50 TO STA TRK 1 450+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-209
SHEET NO. 218 OF 736

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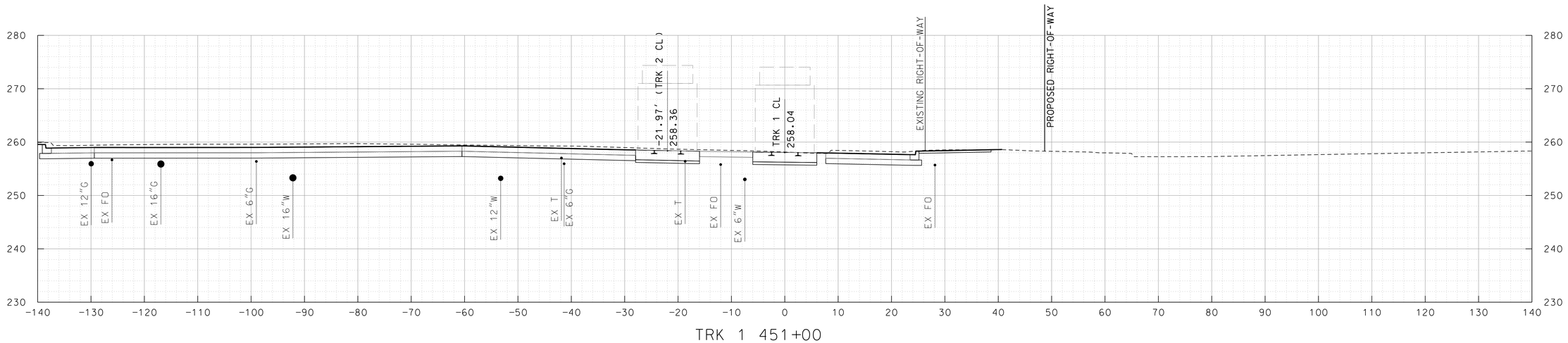
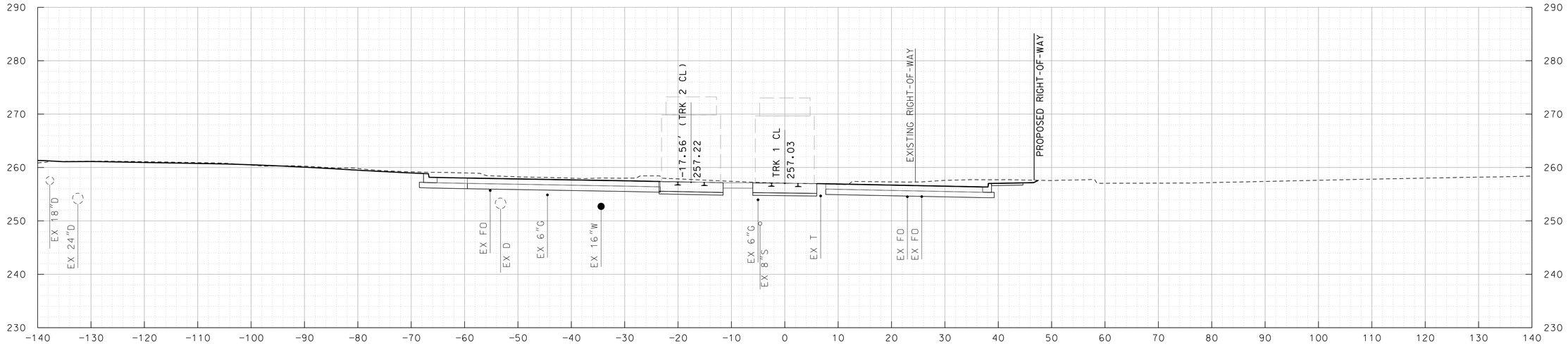
12/12/2013



TRK 1 451+00



TRK 1 450+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 450+50 TO STA TRK 1 451+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-210
SHEET NO. 219 OF 736

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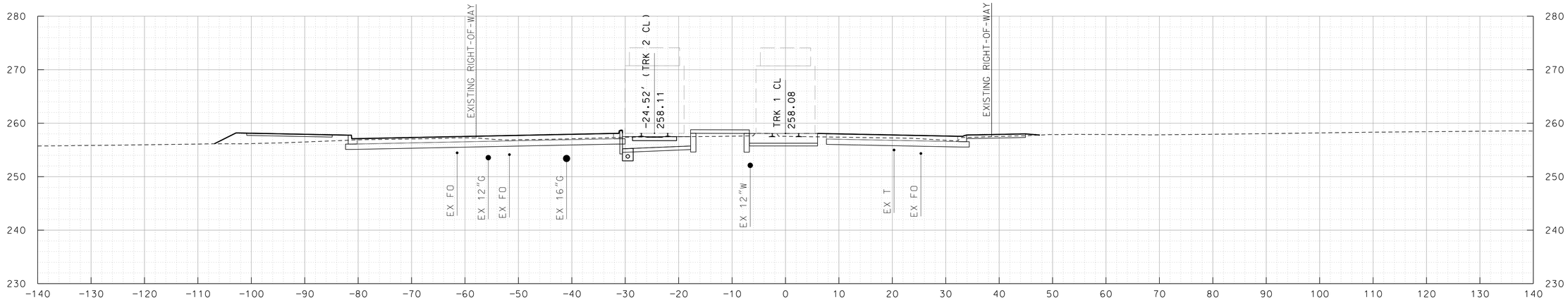
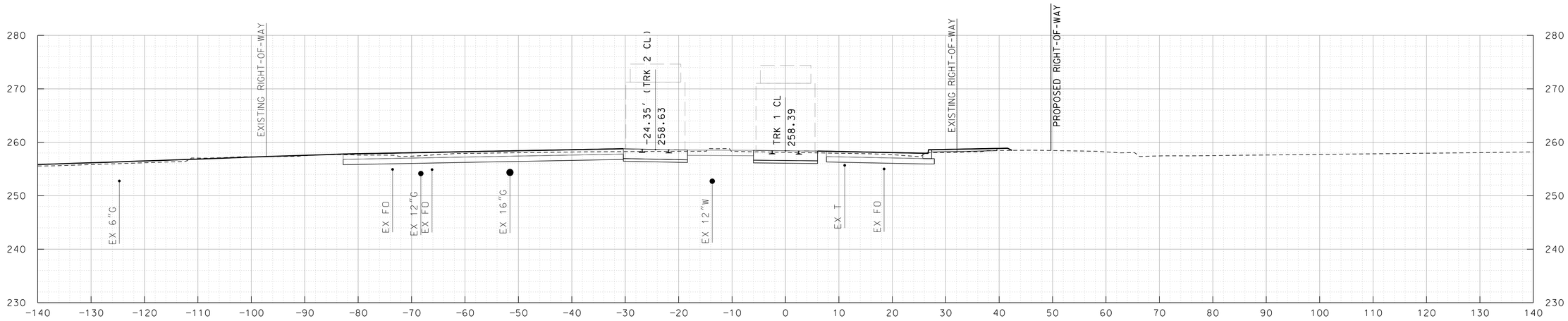
12/12/2013



TRK 1 452+00



TRK 1 451+50

10' 0 10' 20'
SCALE: 1"=10'

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DESGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 451+50 TO STA TRK 1 452+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO.
T-1042-0220
DRAWING NO.
XS-211
SHEET NO.
220 OF 736

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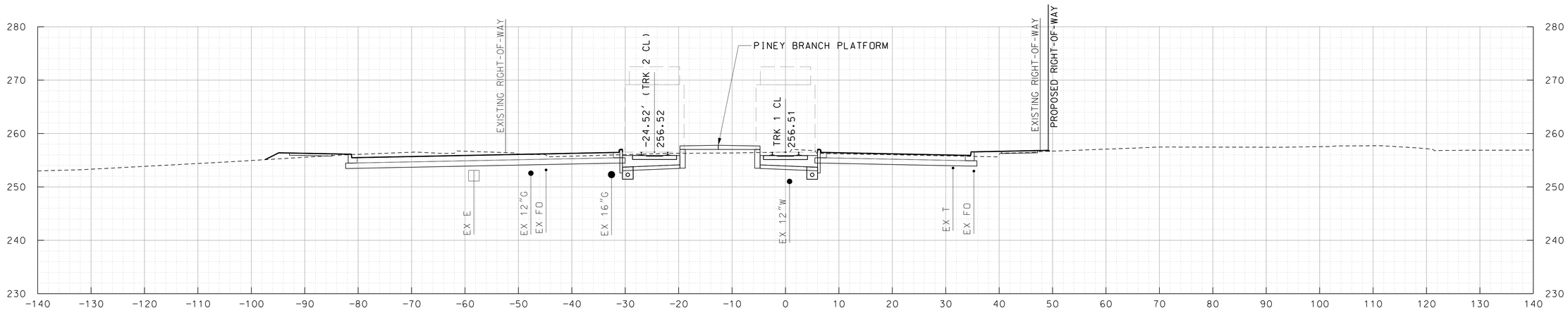
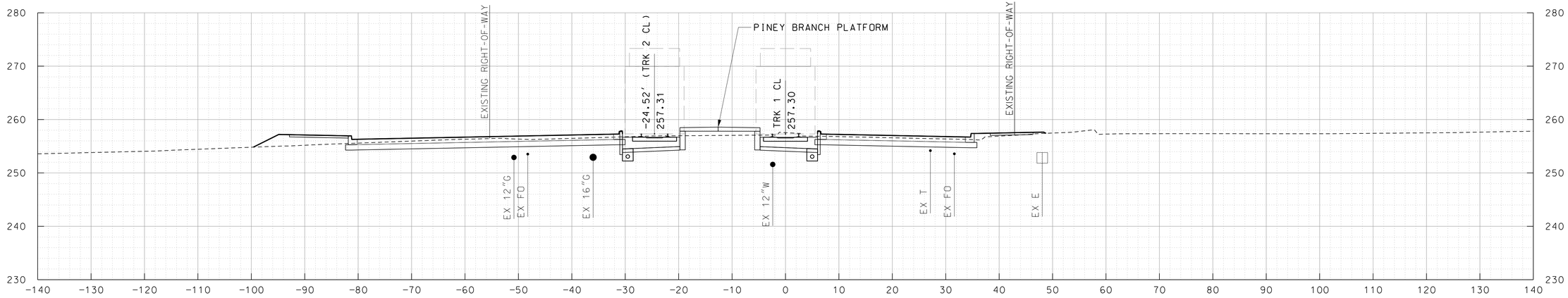
12/12/2013



TRK 1 453+00



TRK 1 452+50

10' 0 10' 20'
SCALE: 1"=10'

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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 452+50 TO STA TRK 1 453+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-212
SHEET NO. 221 OF 736

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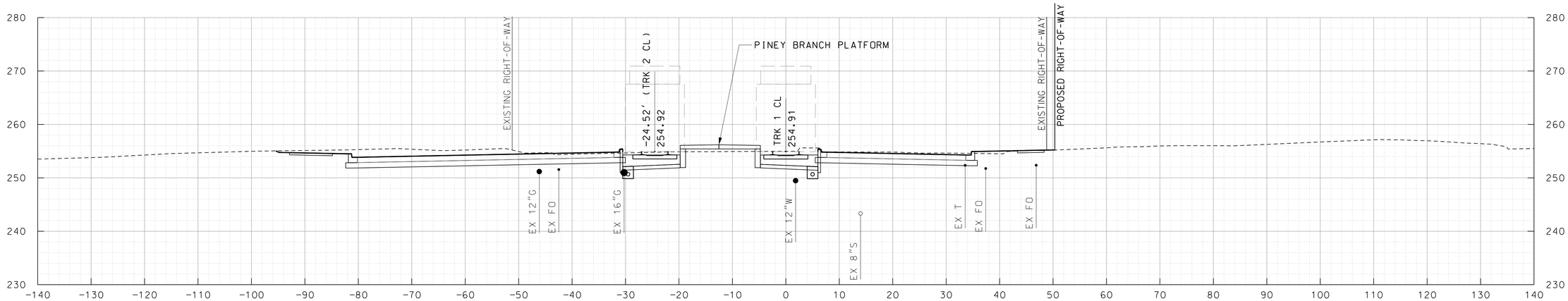
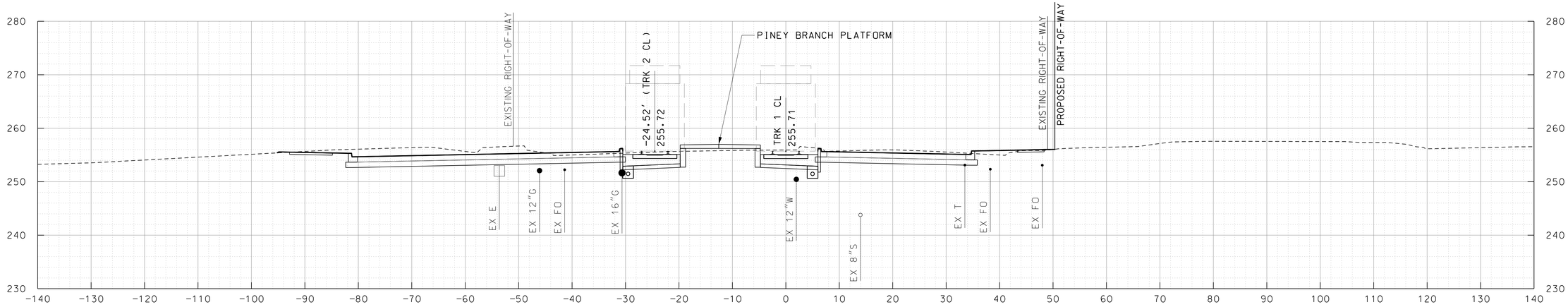
12/12/2013



TRK 1 454+00



TRK 1 453+50

10' 0 10' 20'
SCALE: 1"=10'

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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 453+50 TO STA TRK 1 454+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-213
SHEET NO. 222 OF 736

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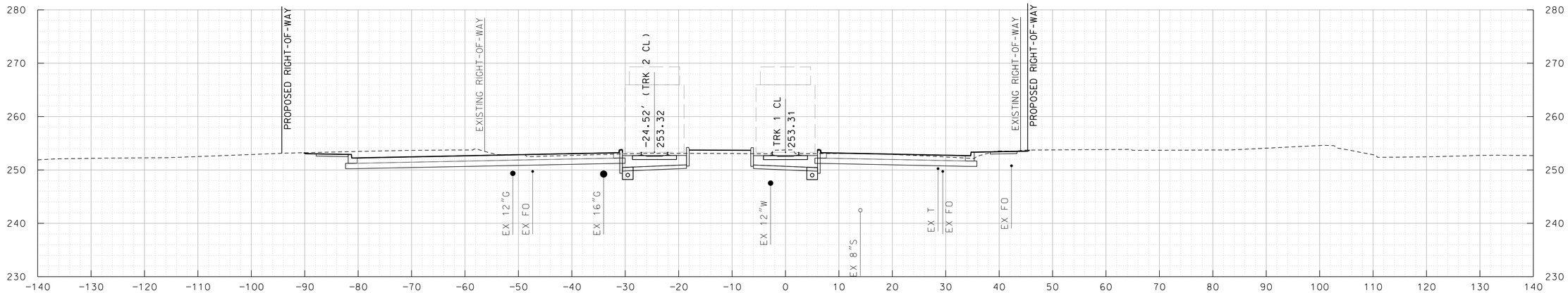
12/12/2013



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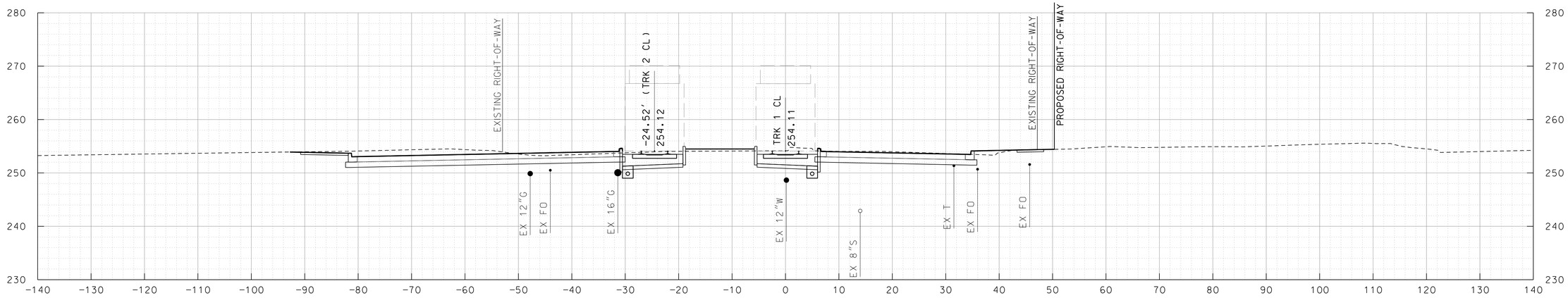

TRK 1 454+50

10' 0 10' 20'
SCALE: 1"=10'

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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 454+50 TO STA TRK 1 455+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-214
SHEET NO. 223 OF 736

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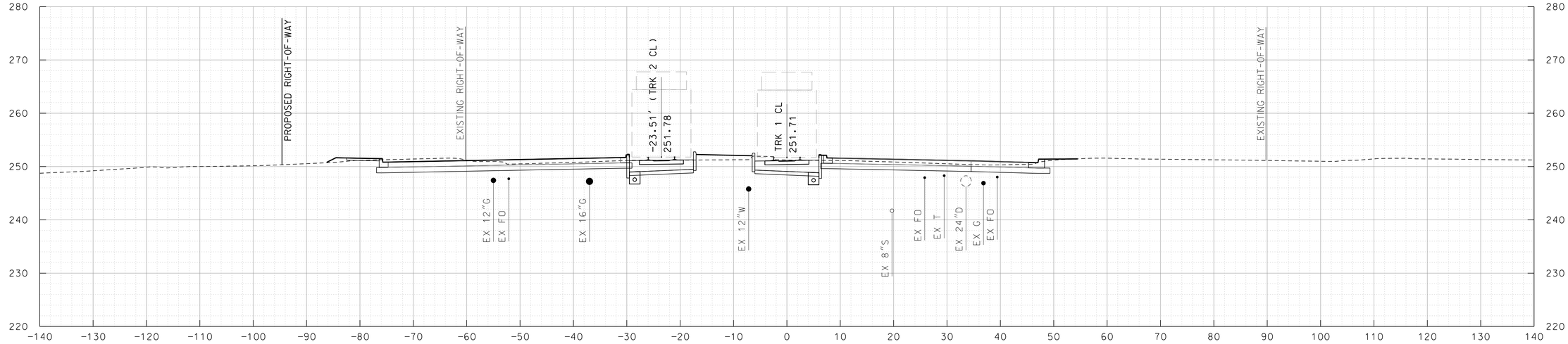
12/12/2013



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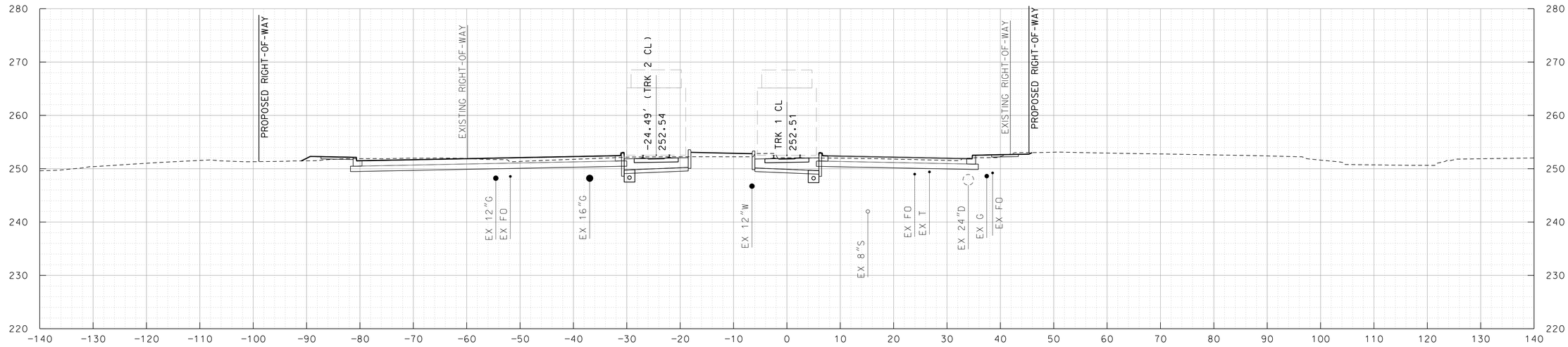

TRK 1 455+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 455+50 TO STA TRK 1 456+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO.
T-1042-0220
DRAWING NO.
XS-215
SHEET NO.
224 OF 736

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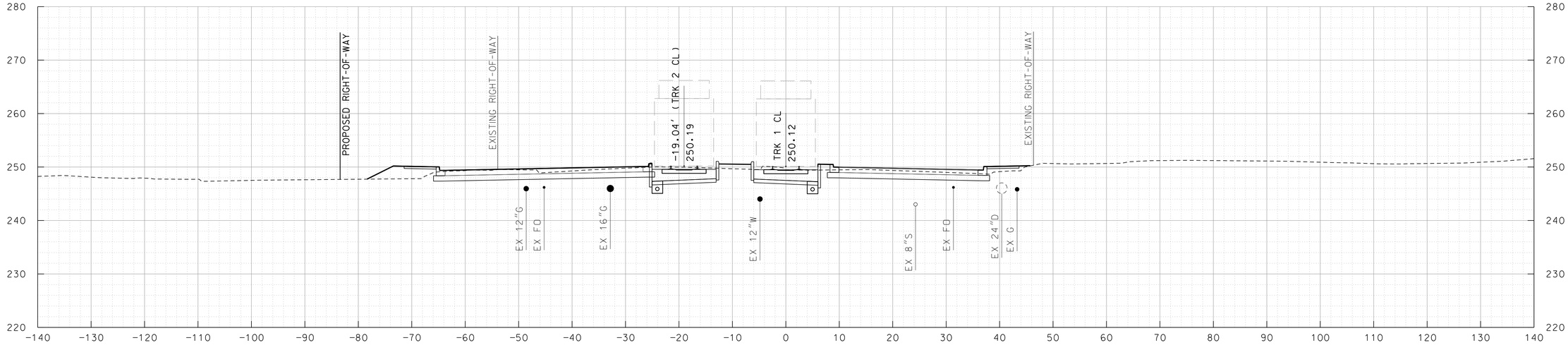
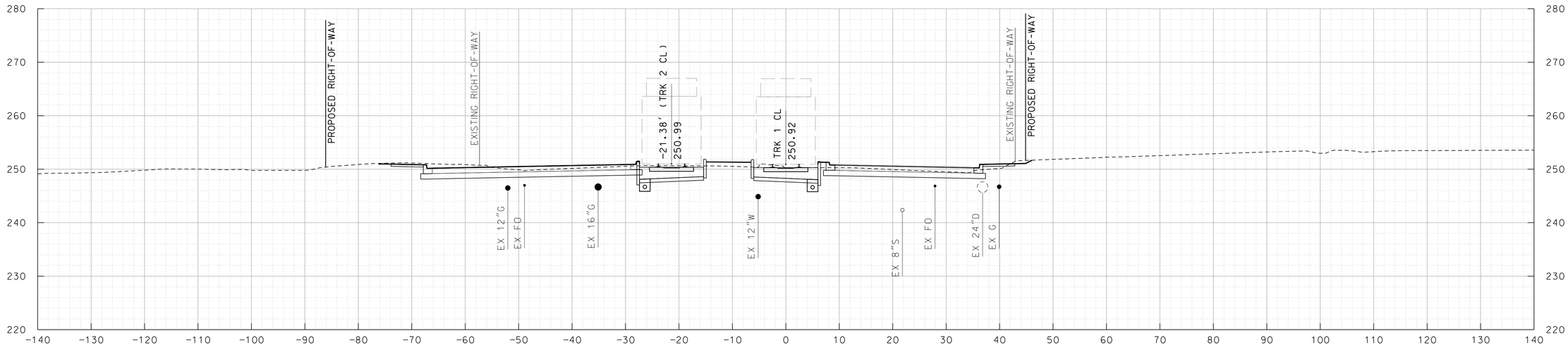
12/12/2013



TRK 1 457+00



TRK 1 456+50

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SCALE: 1"=10'

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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 456+50 TO STA TRK 1 457+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-216
SHEET NO. 225 OF 736

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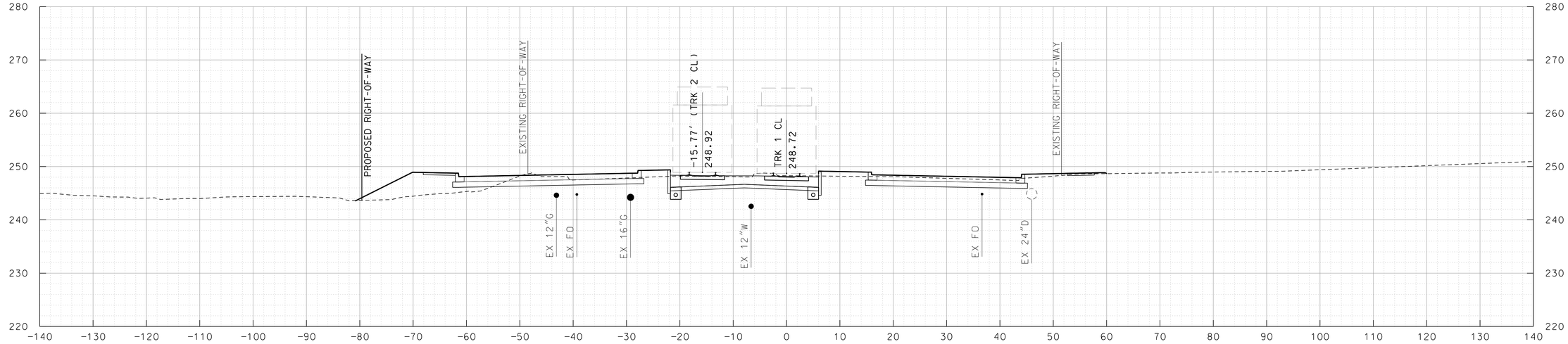
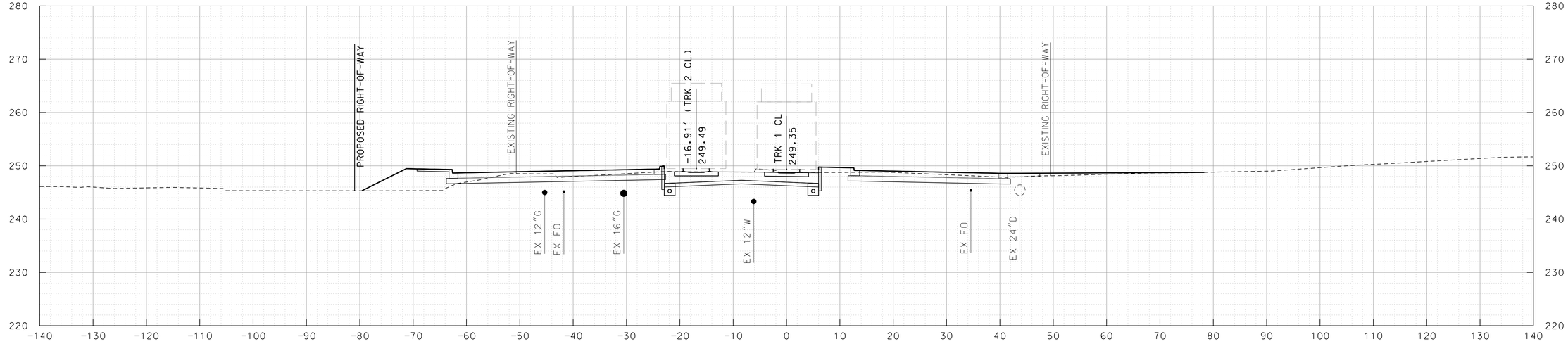
12/12/2013



TRK 1 458+00



TRK 1 457+50

10' 0 10' 20'
SCALE: 1"=10'

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DESIGN
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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 457+50 TO STA TRK 1 458+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-217
SHEET NO. 226 OF 736

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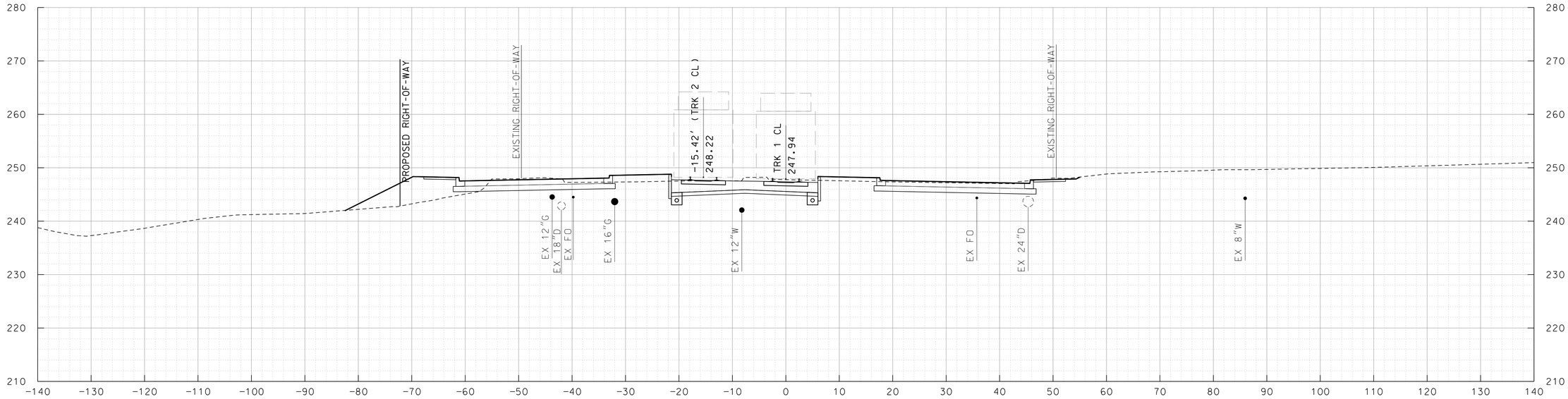
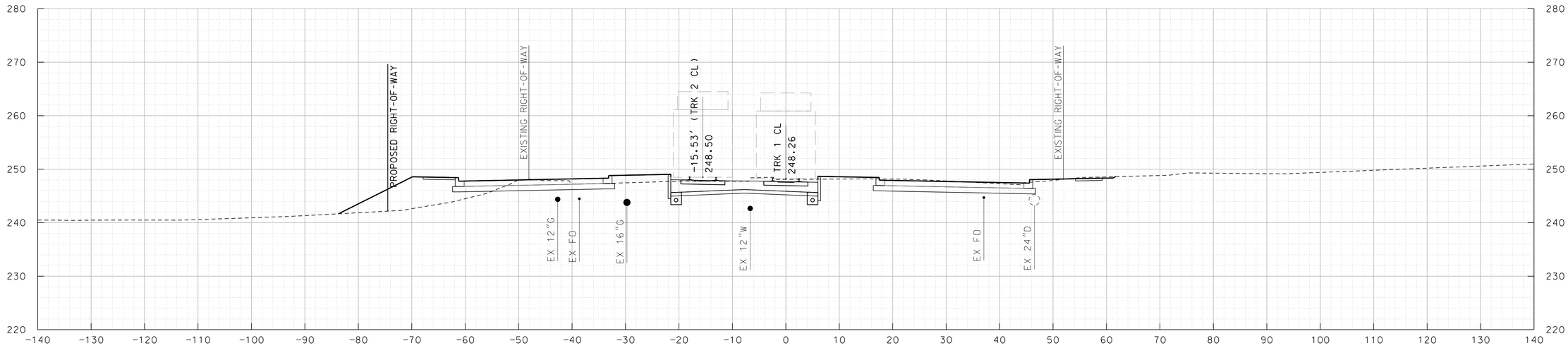
12/12/2013



TRK 1 459+00



TRK 1 458+50

10' 0 10' 20'
SCALE: 1"=10'

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MTA Maryland

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DESGN
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APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 458+50 TO STA TRK 1 459+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-218
SHEET NO. 227 OF 736

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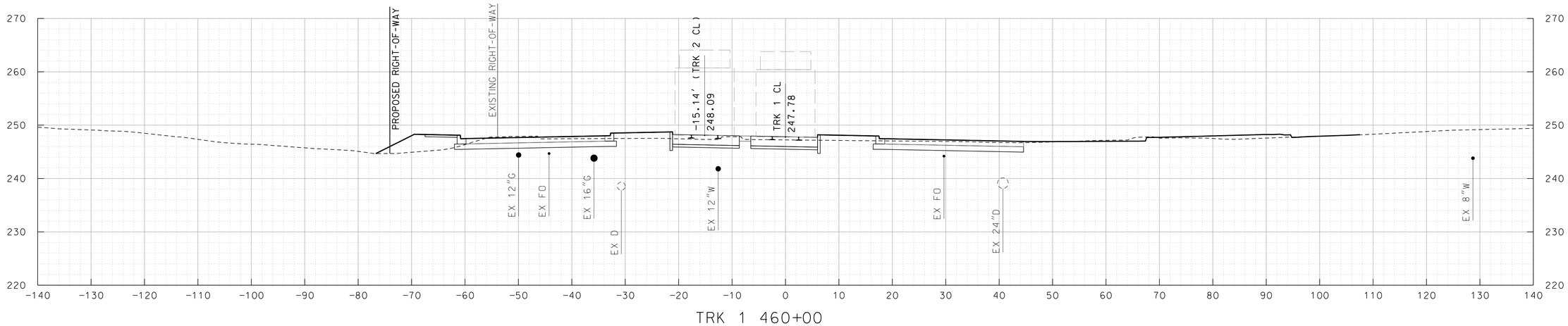
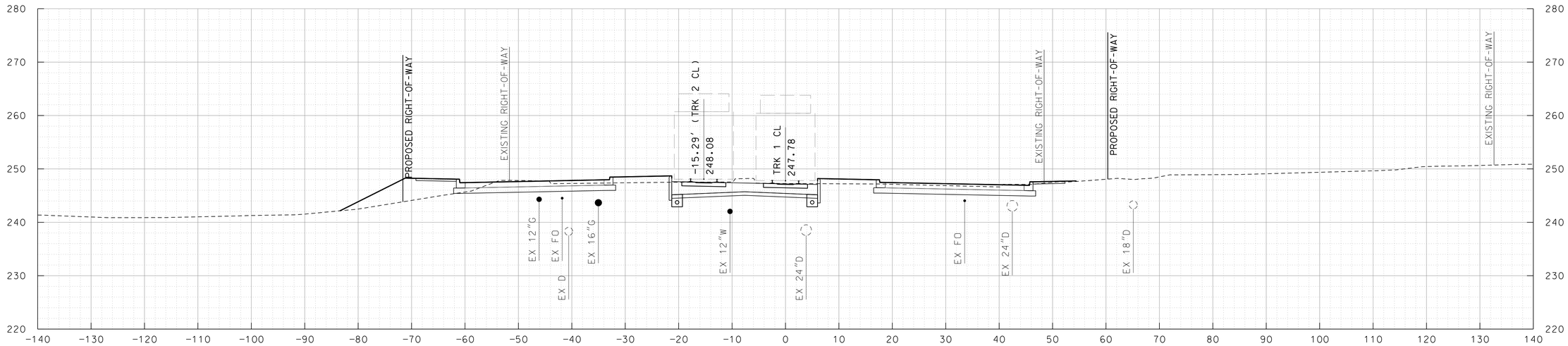
12/12/2013



TRK 1 460+00



TRK 1 459+50

10' 0 10' 20'
SCALE: 1"=10'

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DESGN
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APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 459+50 TO STA TRK 1 460+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-219
SHEET NO. 228 OF 736

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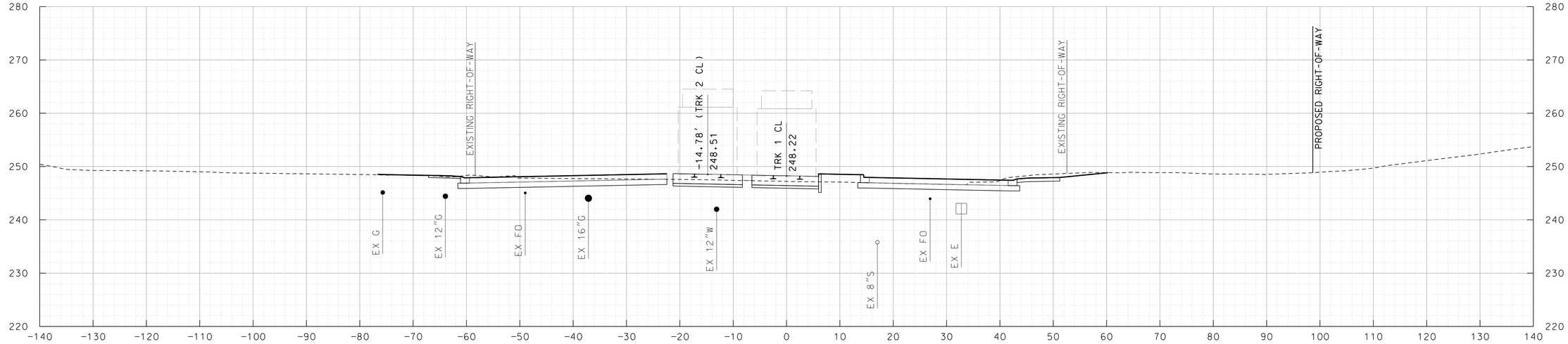
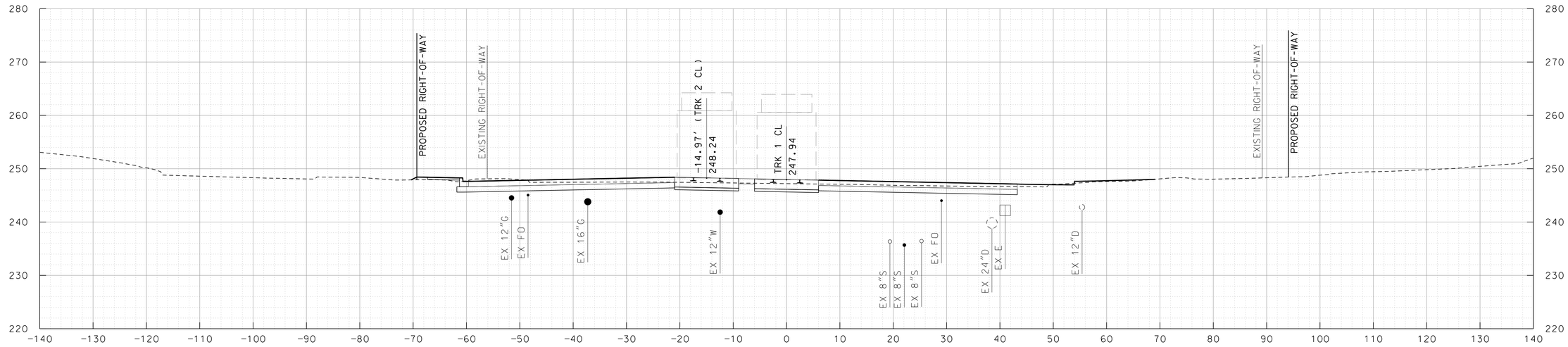
12/12/2013



TRK 1 461+00



TRK 1 460+50

10' 0 10' 20'
SCALE: 1"=10'

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DESGN
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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 460+50 TO STA TRK 1 461+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-220
SHEET NO. 229 OF 736

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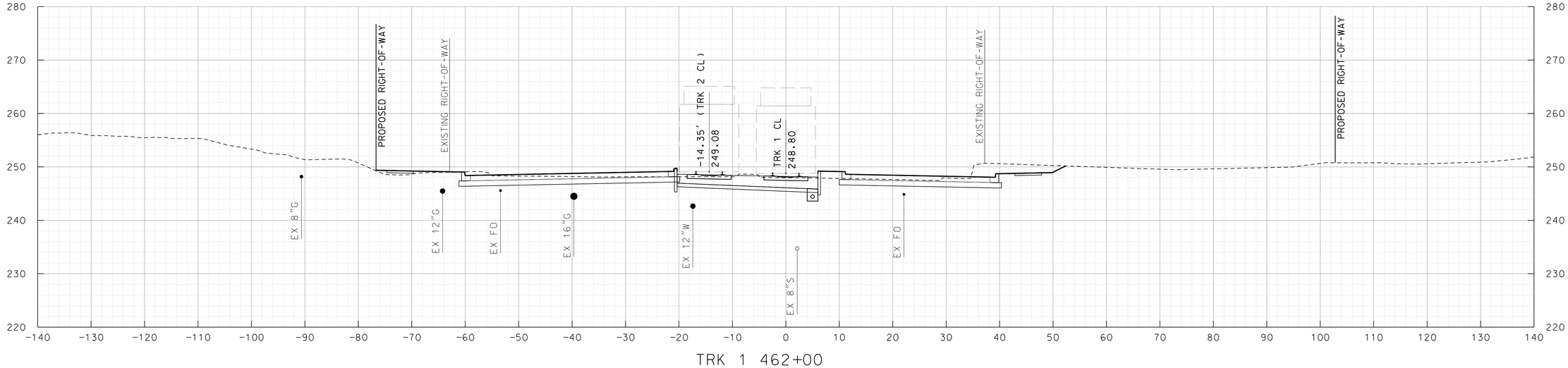
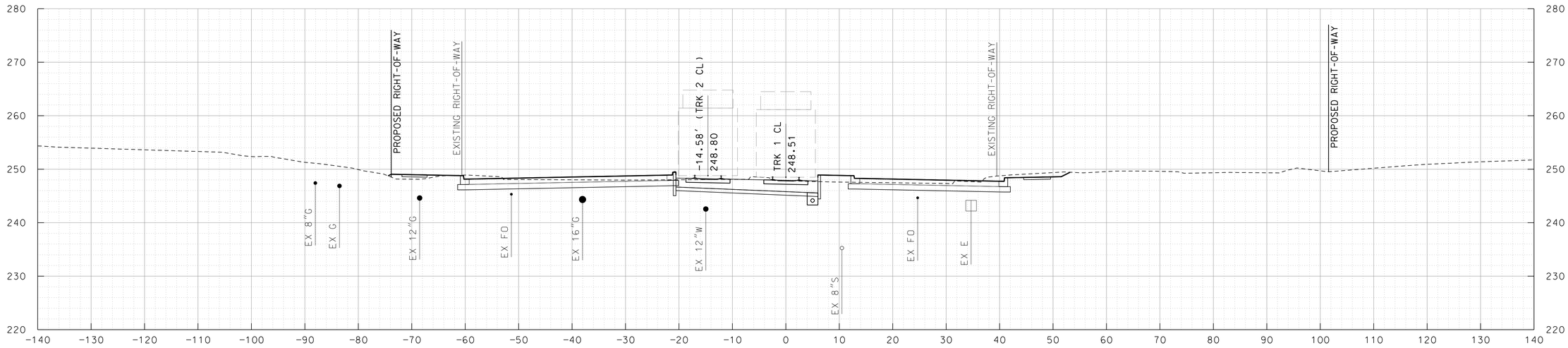
12/12/2013



TRK 1 462+00



TRK 1 461+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

PROFESSIONAL CERTIFICATION
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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 461+50 TO STA TRK 1 462+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-221
SHEET NO. 230 OF 736

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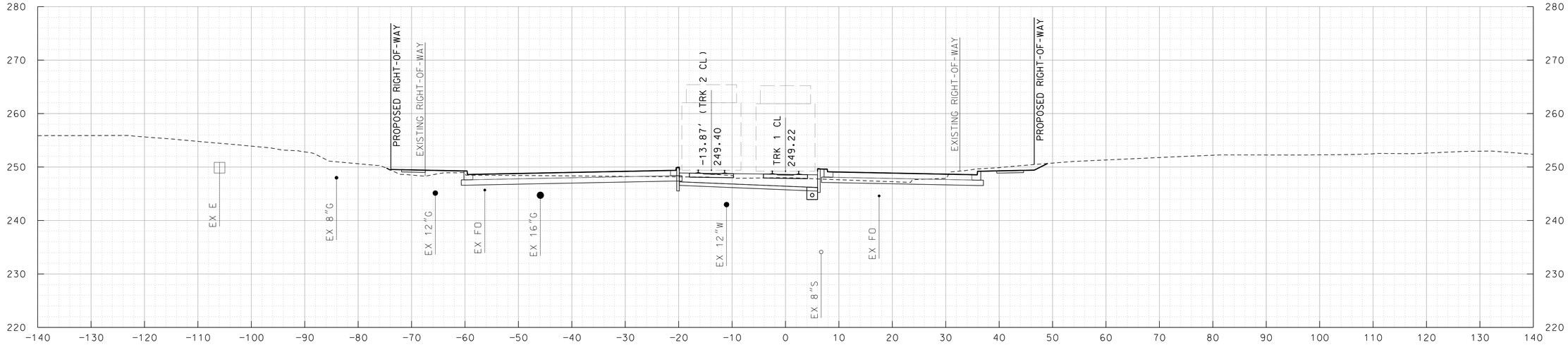
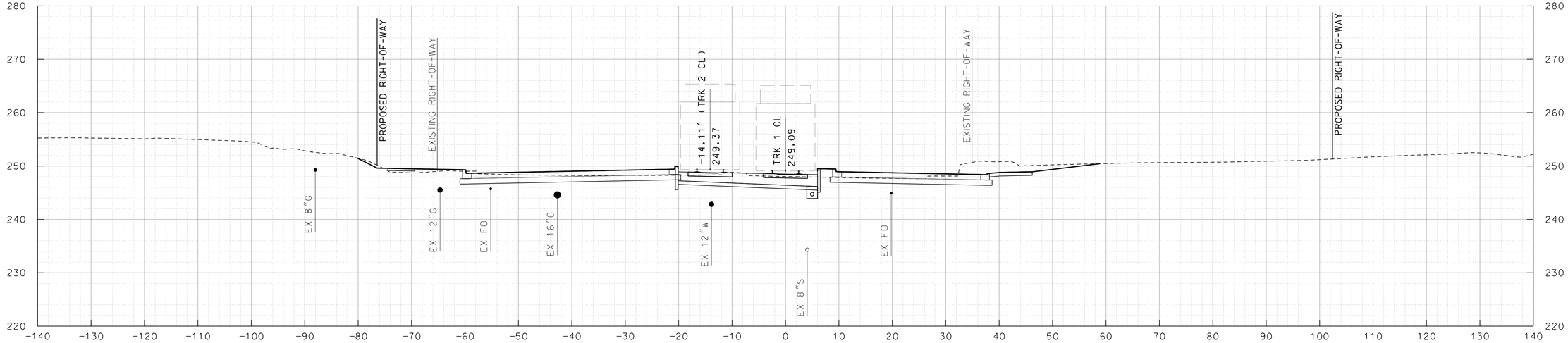
12/12/2013



TRK 1 463+00



TRK 1 462+50

10' 0 10' 20'
SCALE: 1"=10'

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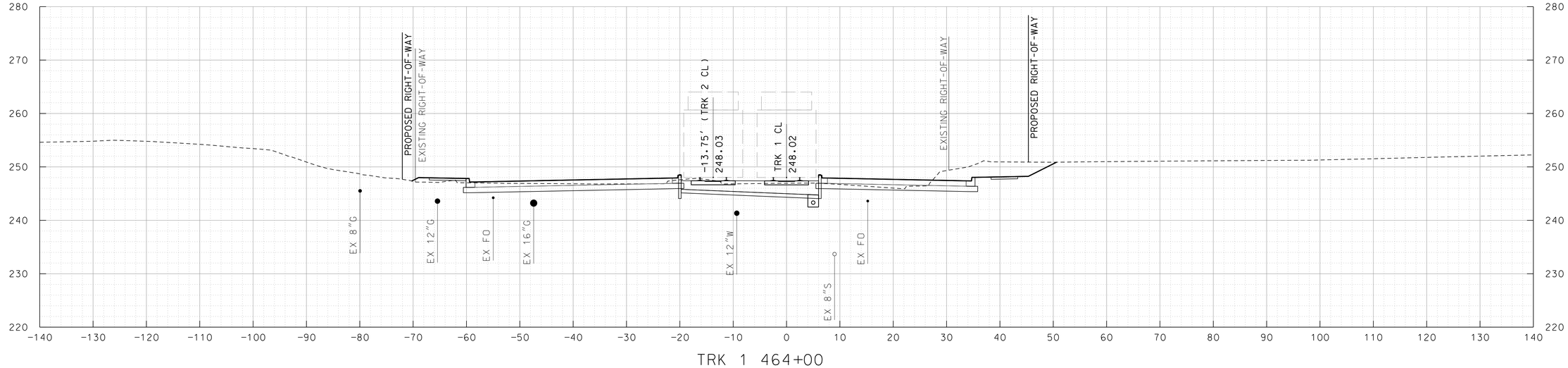
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

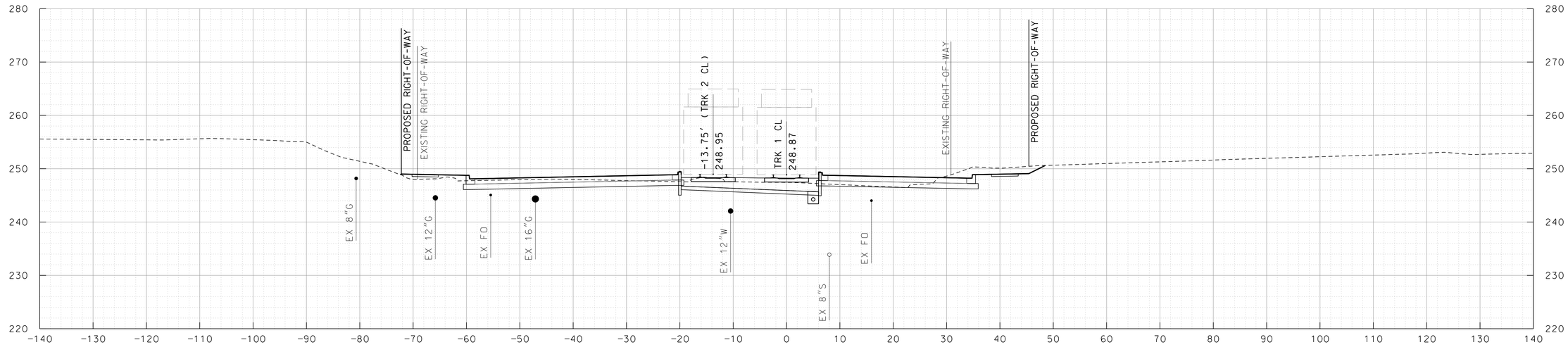
CROSS SECTIONS
STA TRK 1 462+50 TO STA TRK 1 463+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO.
T-1042-0220
DRAWING NO.
XS-222
SHEET NO.
231 OF 736

c:\pwworking\mtapw\ald-thomas antony\d0102840\1042pXS6101.dgn
12/12/2013



TRK 1 464+00



TRK 1 463+50

10' 0 10' 20'
SCALE: 1"=10'

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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 463+50 TO STA TRK 1 464+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-223
SHEET NO. 232 OF 736

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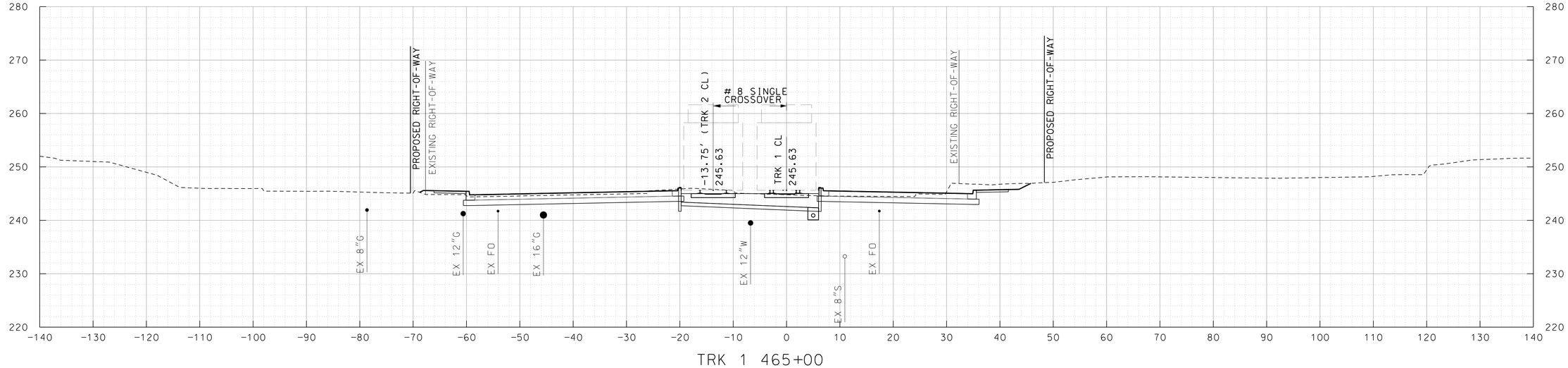
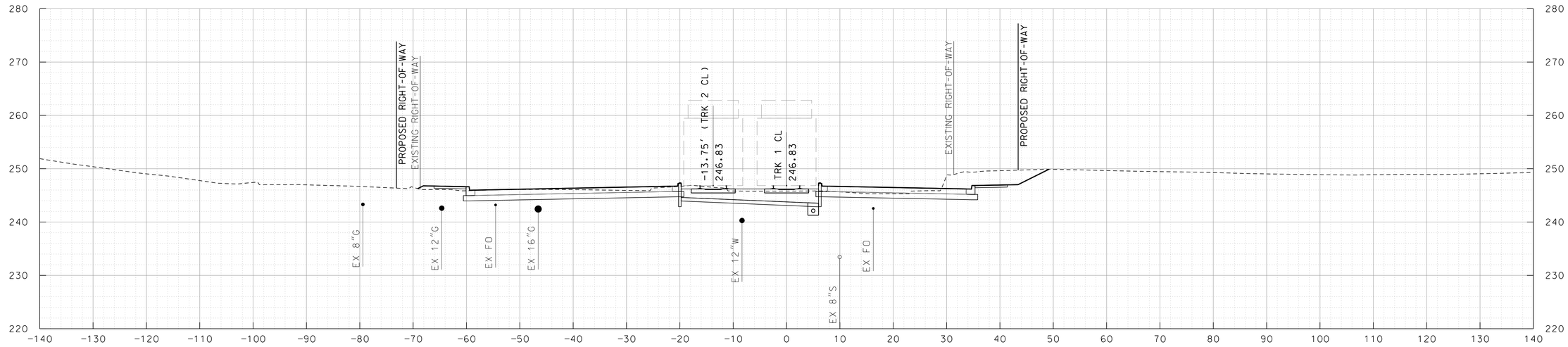
12/12/2013



TRK 1 465+00



TRK 1 464+50

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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 464+50 TO STA TRK 1 465+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-224
SHEET NO. 233 OF 736

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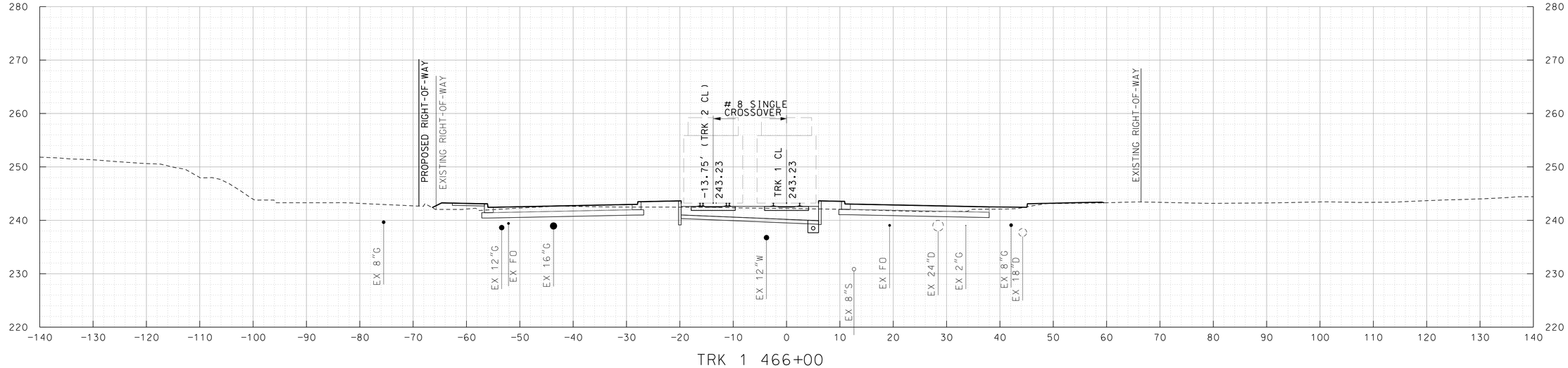
12/12/2013



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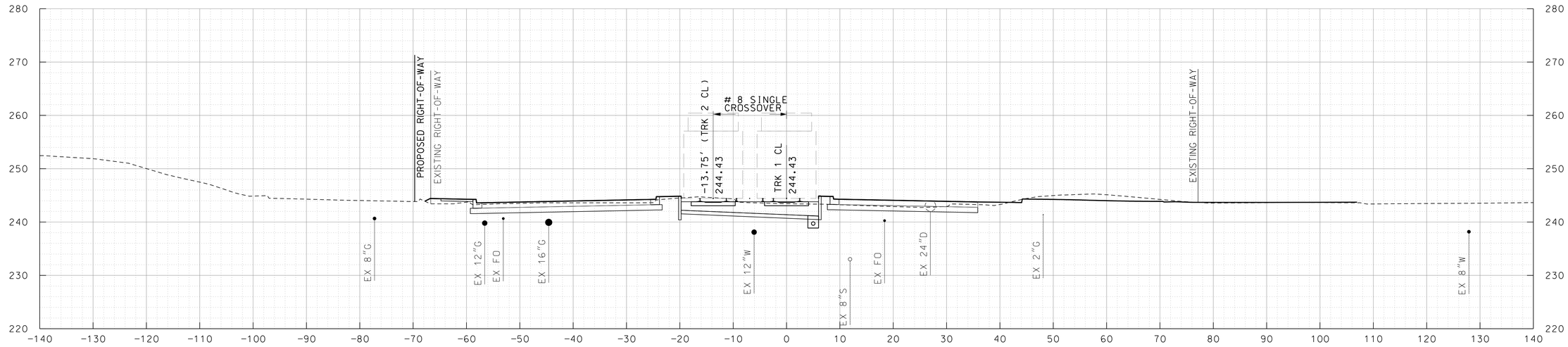

TRK 1 465+50

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PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 465+50 TO STA TRK 1 466+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-225
SHEET NO. 234 OF 736

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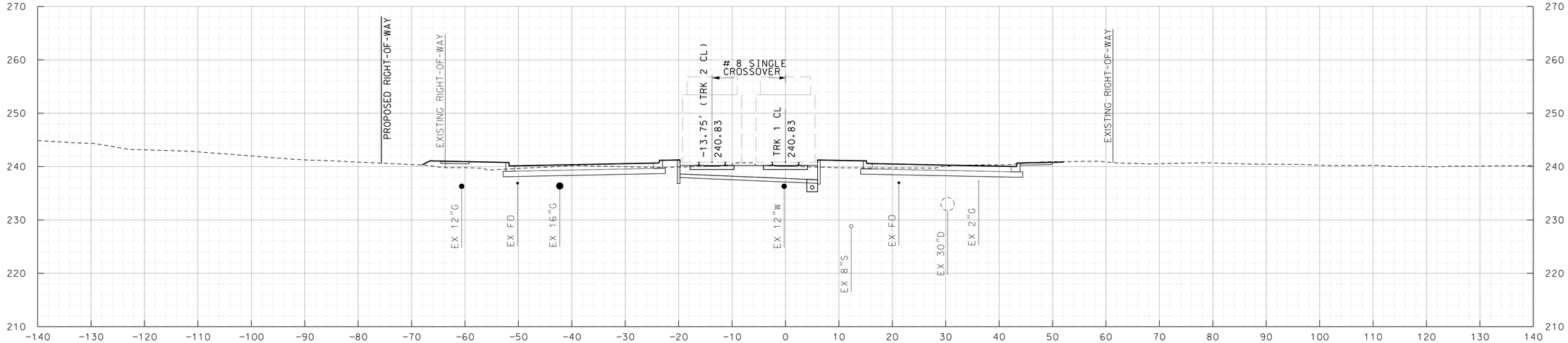
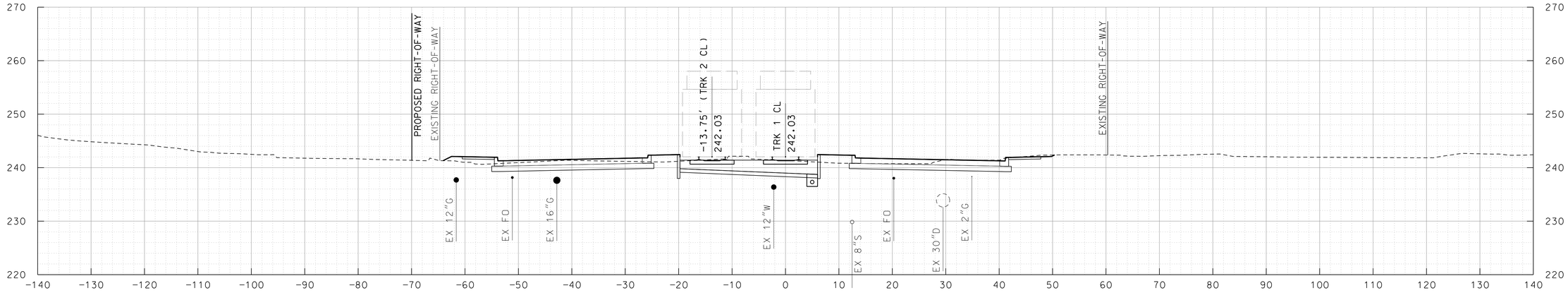
12/12/2013



TRK 1 467+00



TRK 1 466+50

10' 0 10' 20'
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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 466+50 TO STA TRK 1 467+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-226
SHEET NO. 235 OF 736

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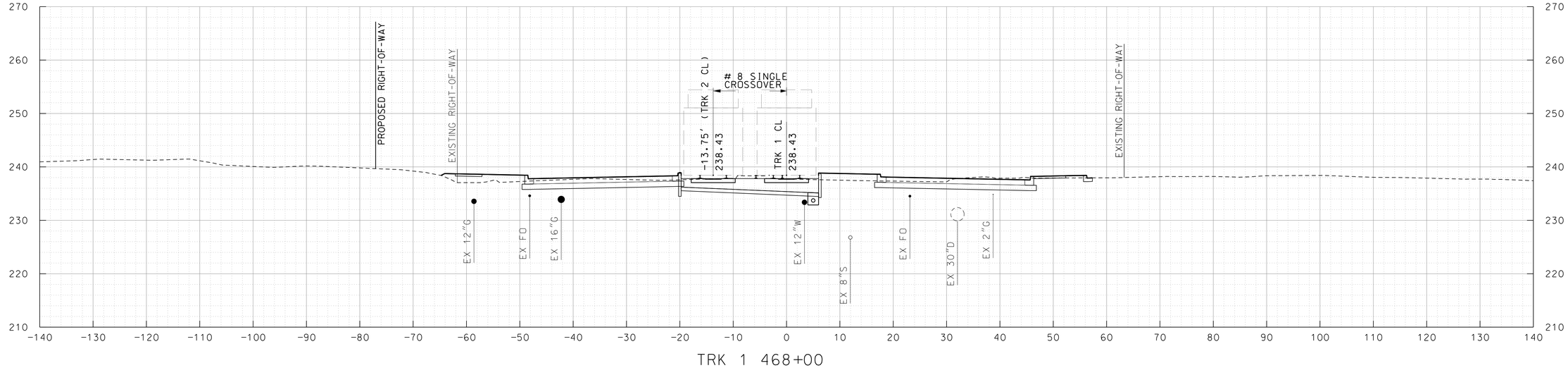
12/12/2013



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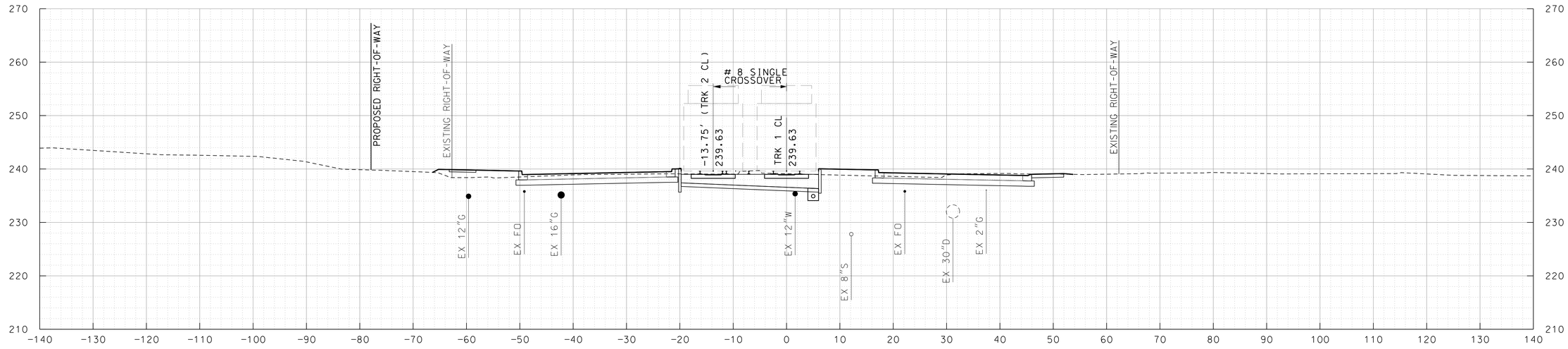

TRK 1 467+50

10' 0 10' 20'

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DESGN | DRAWN | CHECK | APPR

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PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 467+50 TO STA TRK 1 468+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-227

SHEET NO. 236 OF 736

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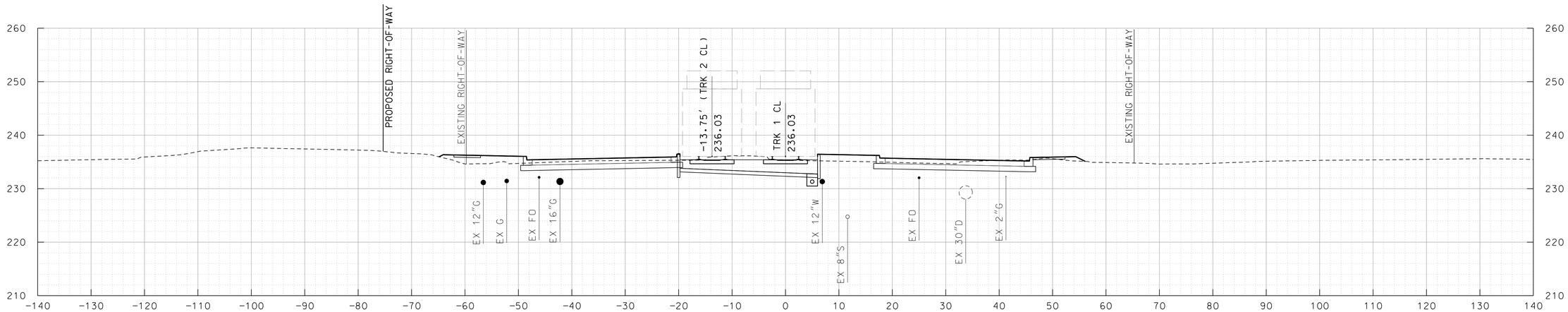
12/12/2013



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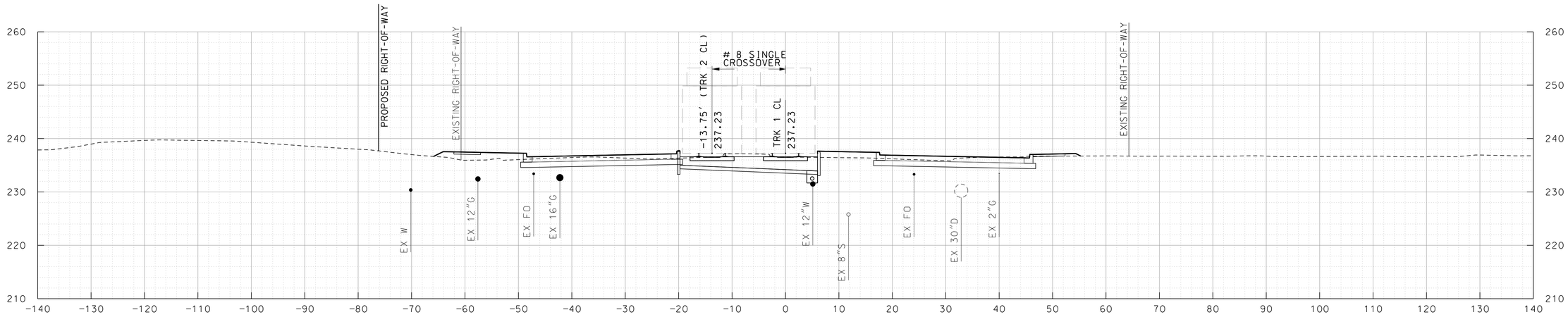

TRK 1 468+50

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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 468+50 TO STA TRK 1 469+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-228
SHEET NO. 237 OF 736

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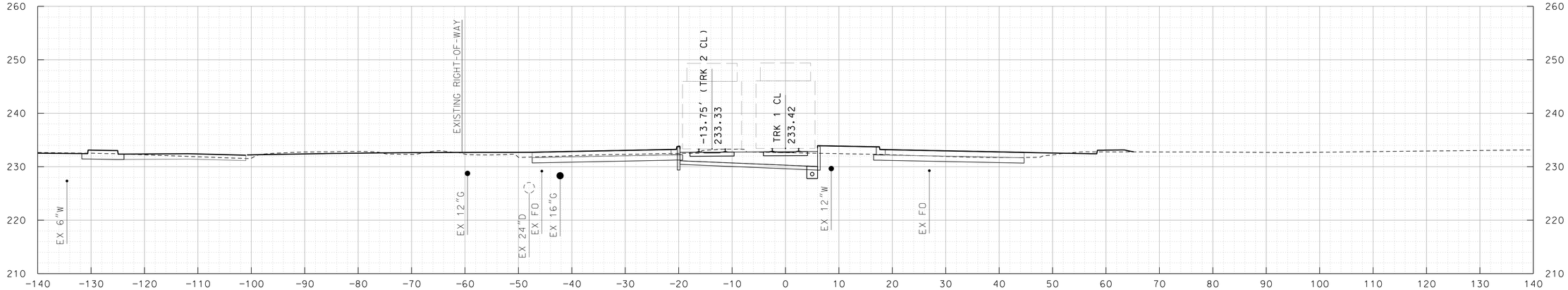
12/12/2013



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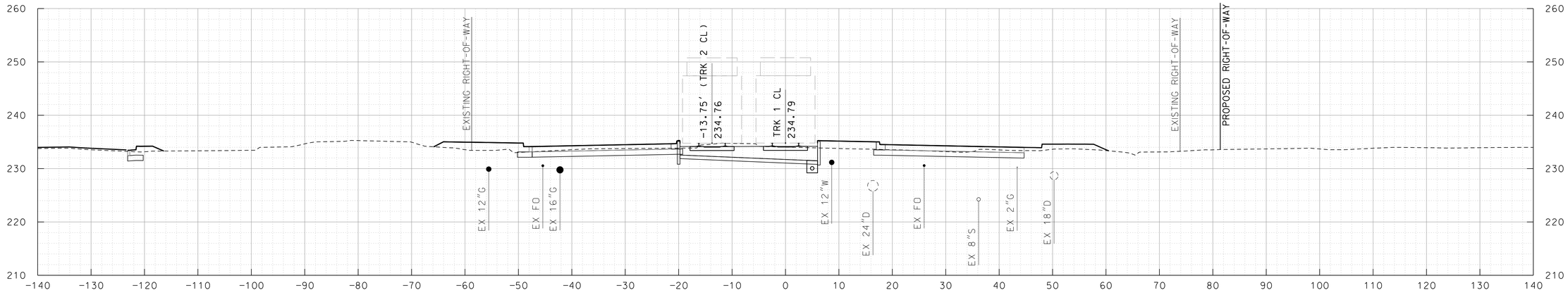

TRK 1 469+50

10' 0 10' 20'
SCALE: 1"=10'

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PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 469+50 TO STA TRK 1 470+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-229
SHEET NO. 238 OF 736

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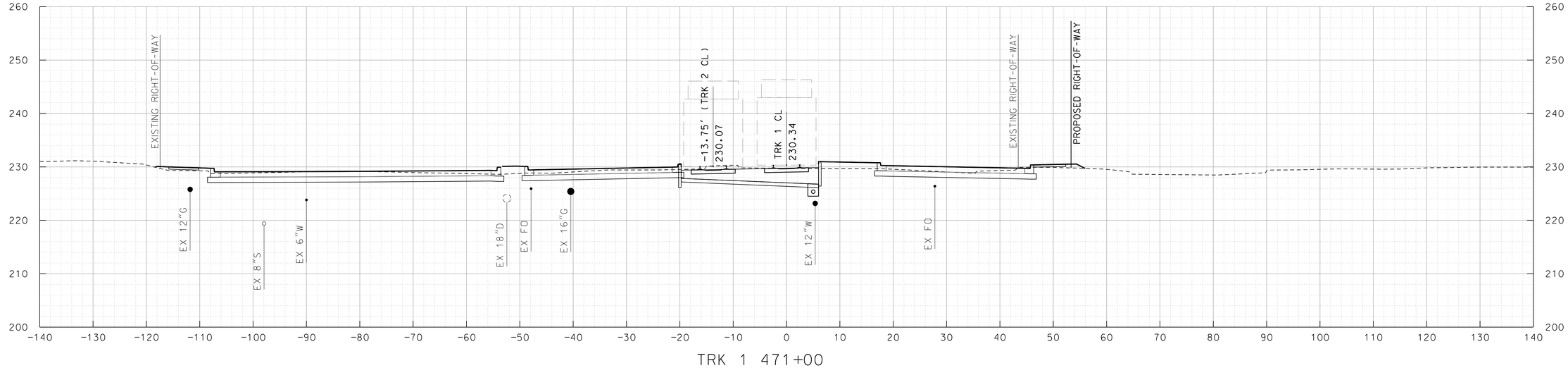
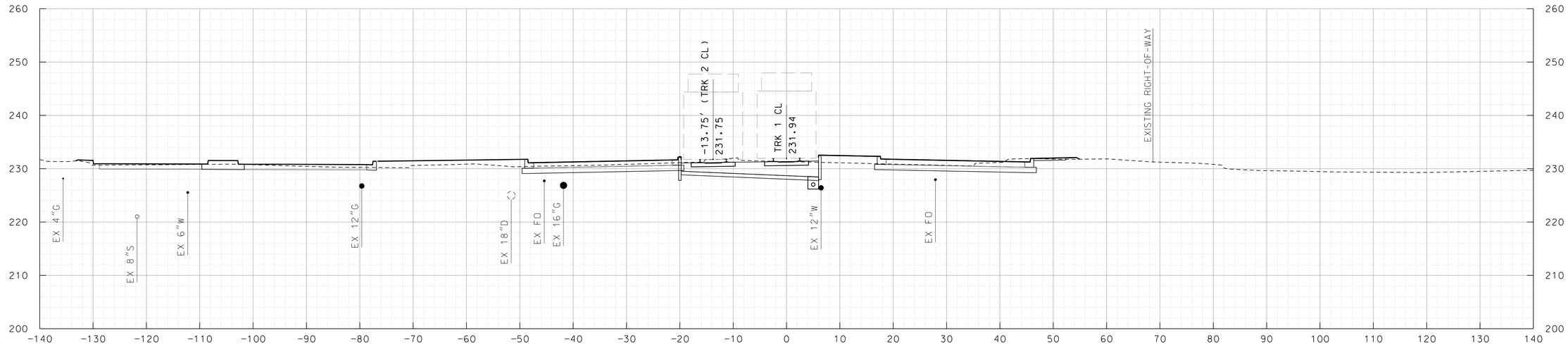
12/12/2013



TRK 1 471+00



TRK 1 470+50

10' 0 10' 20'
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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 470+50 TO STA TRK 1 471+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-230
SHEET NO. 239 OF 736

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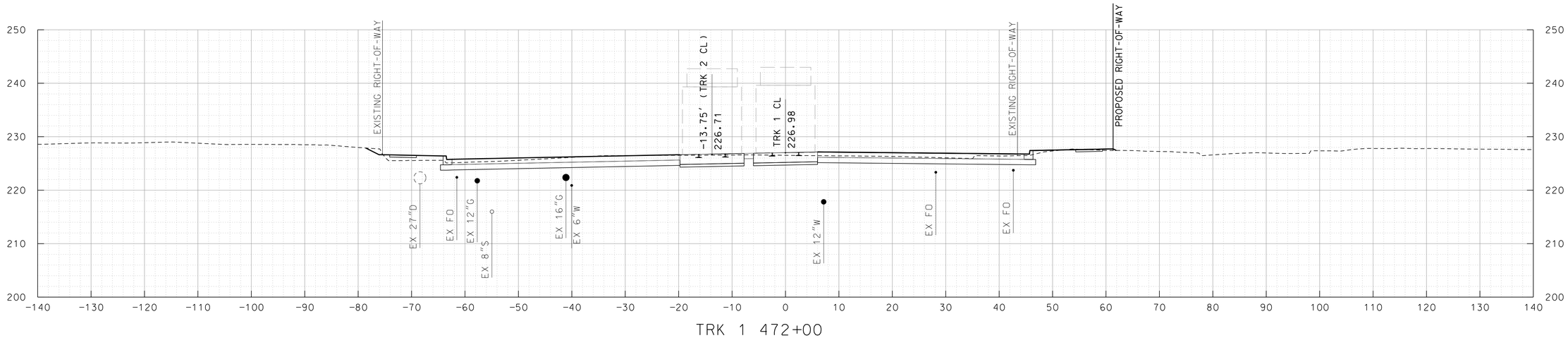
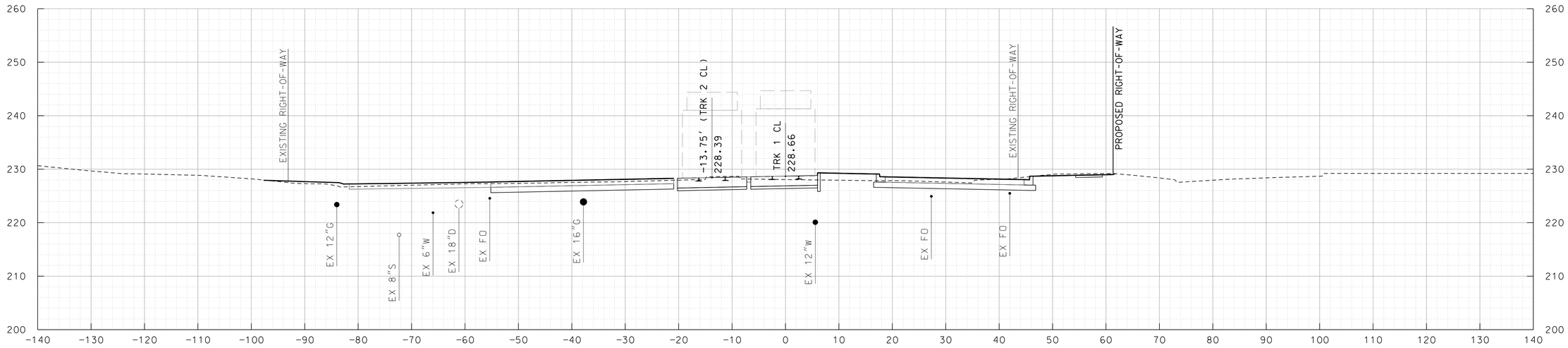
12/12/2013



TRK 1 472+00



TRK 1 471+50

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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 471+50 TO STA TRK 1 472+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-231
SHEET NO. 240 OF 736

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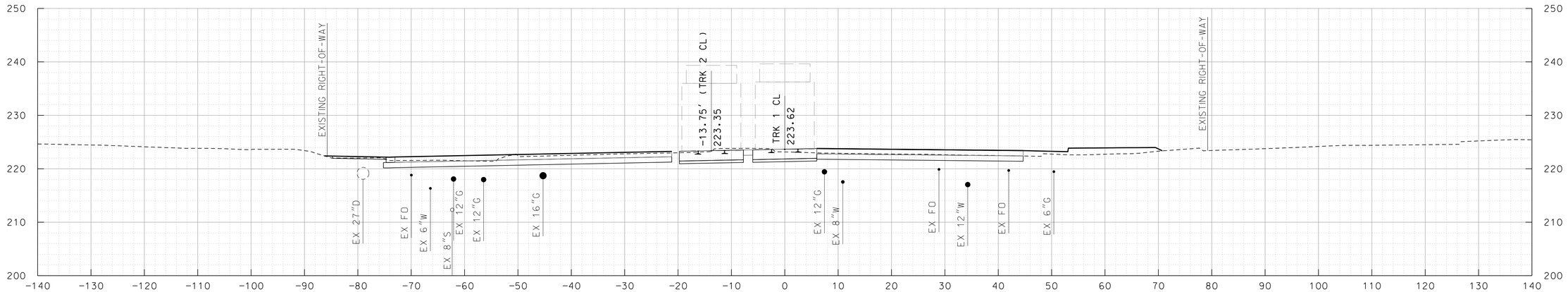
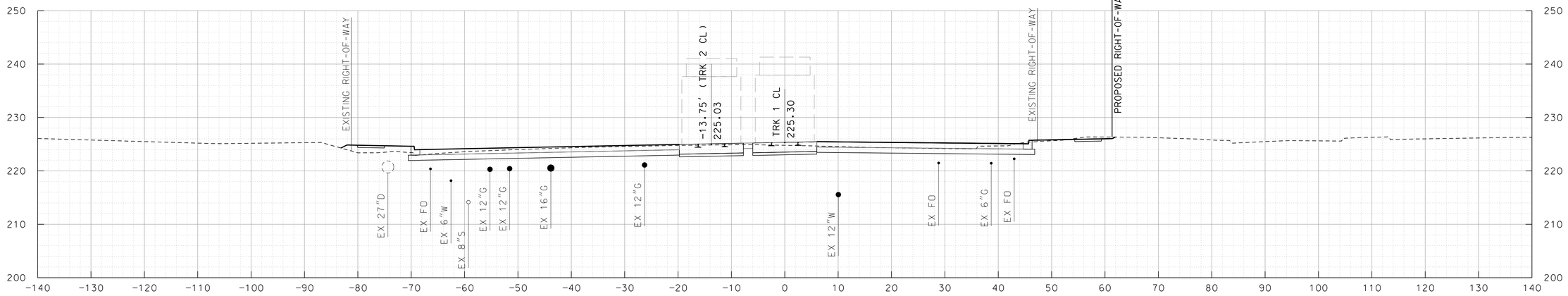
12/12/2013



TRK 1 473+00



TRK 1 472+50

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 472+50 TO STA TRK 1 473+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-232
SHEET NO. 241 OF 736

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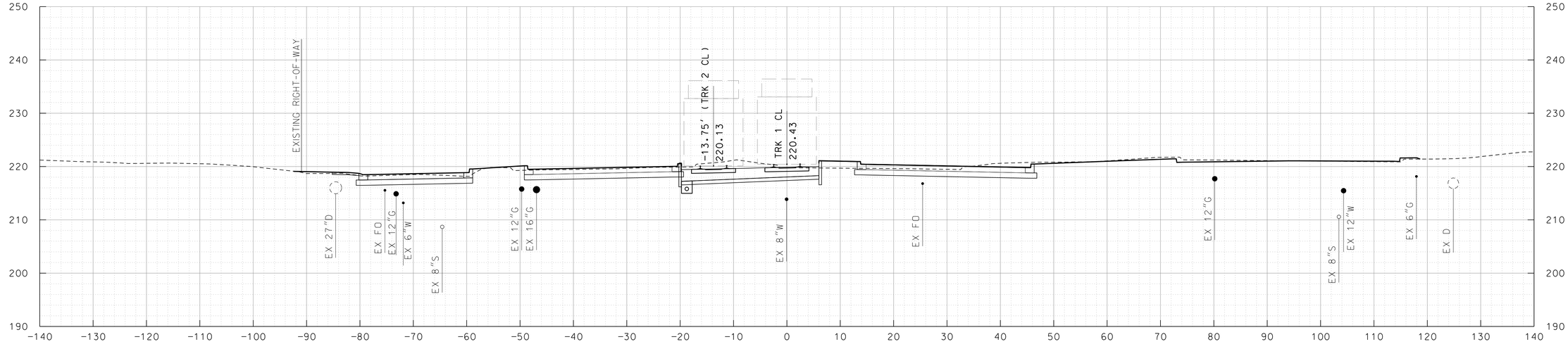
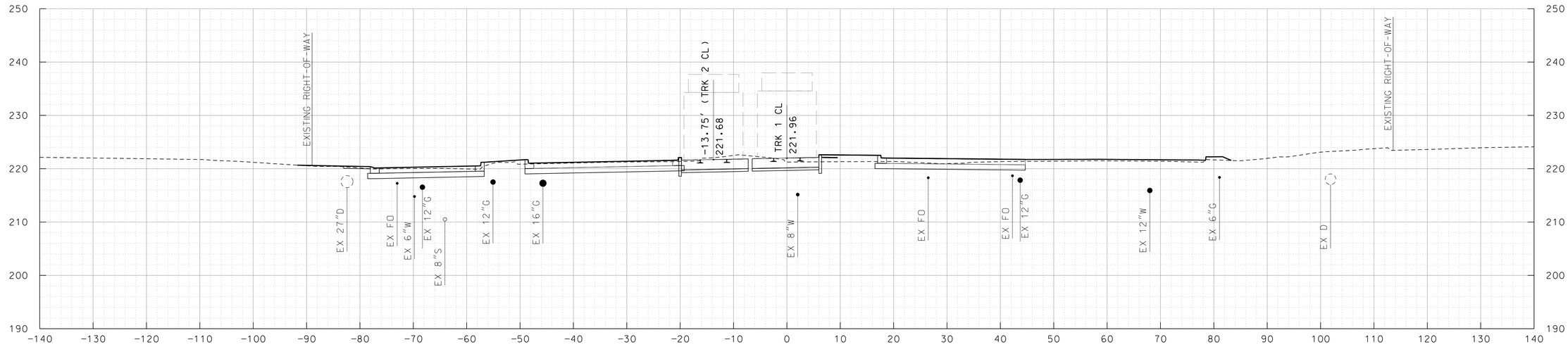
12/12/2013



TRK 1 474+00



TRK 1 473+50

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DESIGN
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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 473+50 TO STA TRK 1 474+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-233
SHEET NO. 242 OF 736

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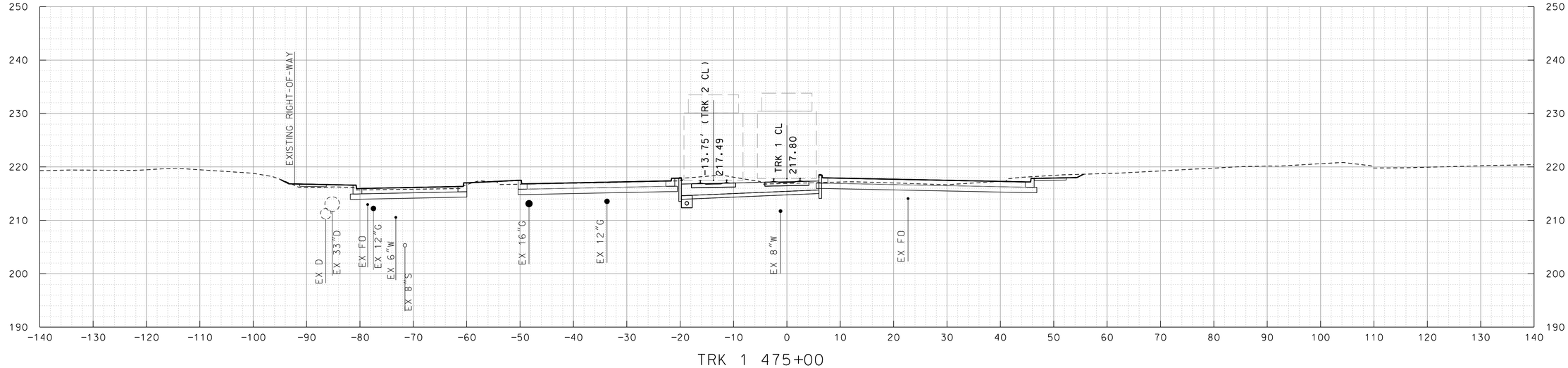
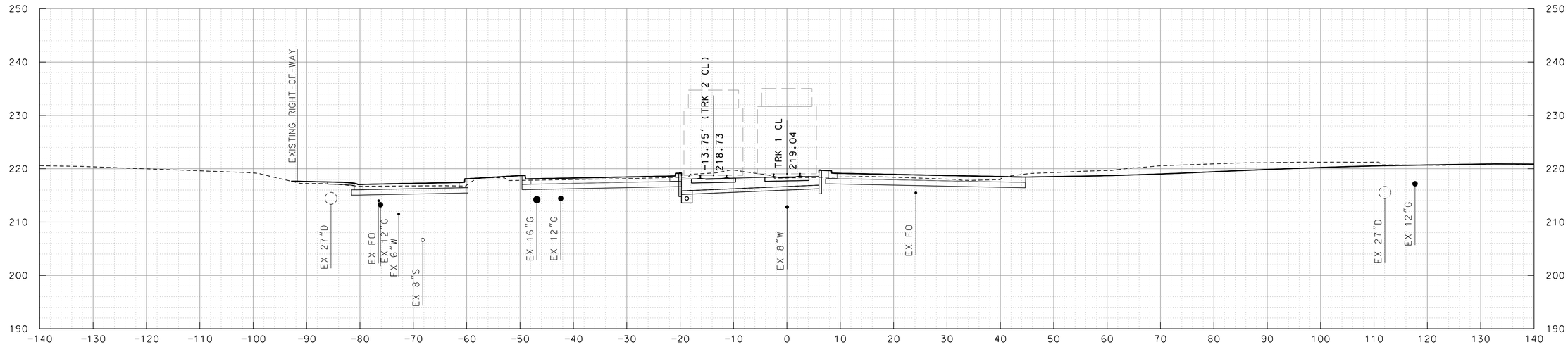
12/12/2013



TRK 1 475+00



TRK 1 474+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
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MTA Maryland

Gannett Fleming
WR&A

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License No. Expiration Date

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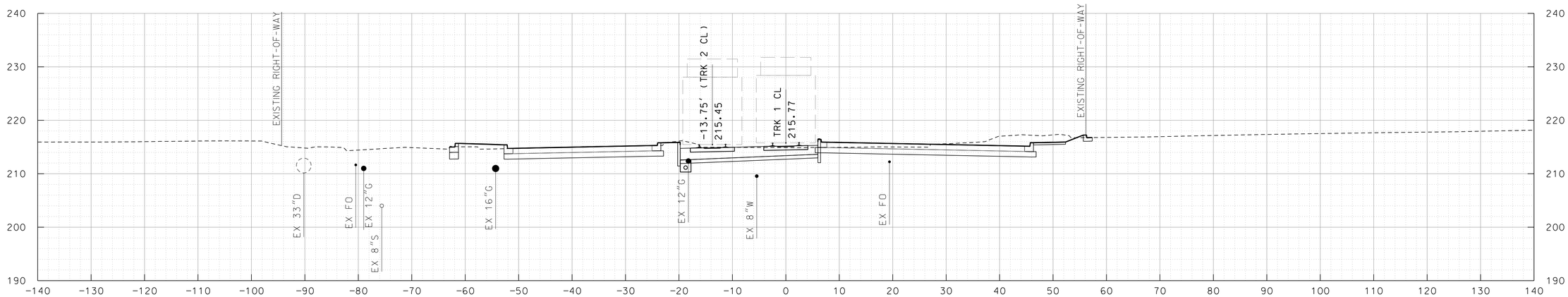
DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

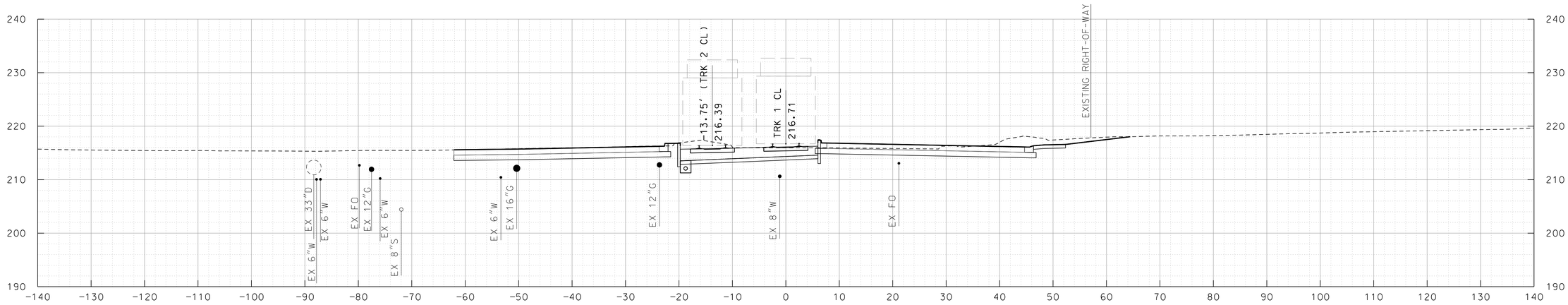
CROSS SECTIONS
STA TRK 1 474+50 TO STA TRK 1 475+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-234
SHEET NO. 243 OF 736

c:\pwworking\mtapw\ald-thomas antony\d0102840\1042pXS6101.dgn
12/12/2013



TRK 1 476+00



TRK 1 475+50

10' 0 10' 20'
SCALE: 1"=10'

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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 475+50 TO STA TRK 1 476+00

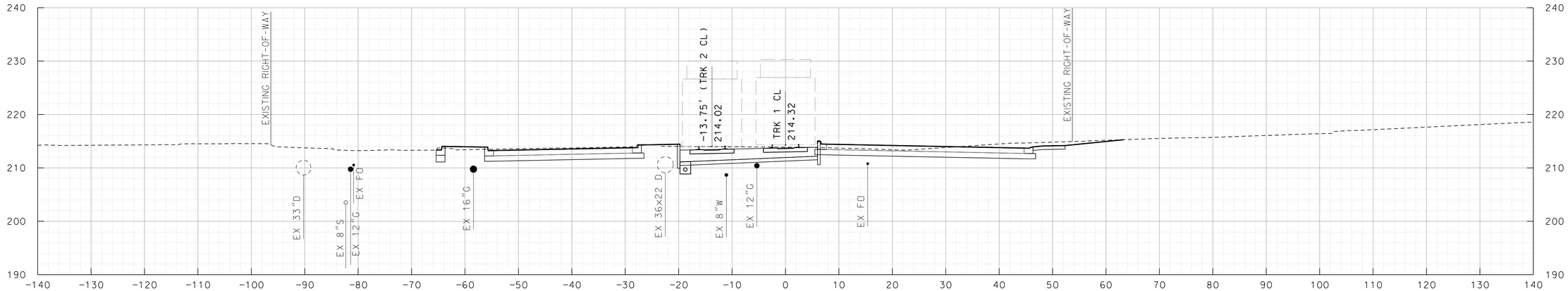
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO.
T-1042-0220

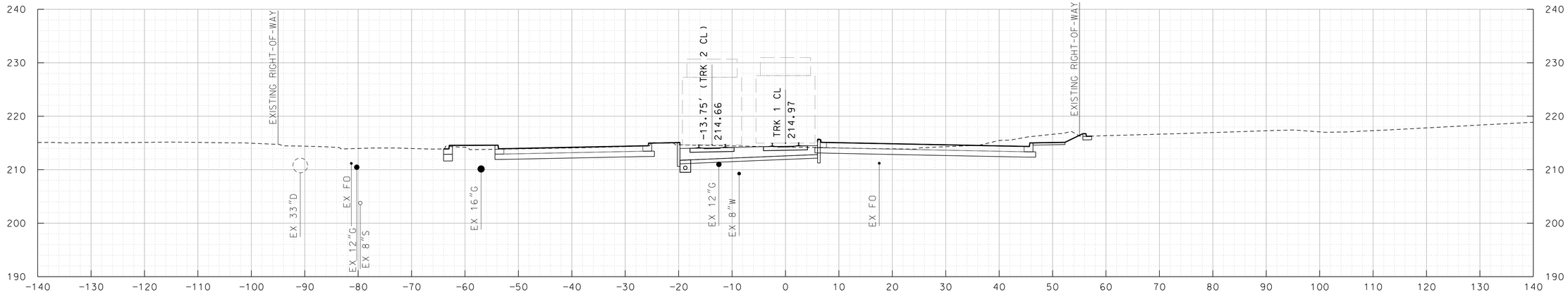
DRAWING NO.
XS-235

SHEET NO.
244 OF 736

c:\pwworking\mtapw\ald-thomas antony\d0102840\1042pXS6101.dgn
12/12/2013



TRK 1 477+00



TRK 1 476+50

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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 476+50 TO STA TRK 1 477+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-236
SHEET NO. 245 OF 736

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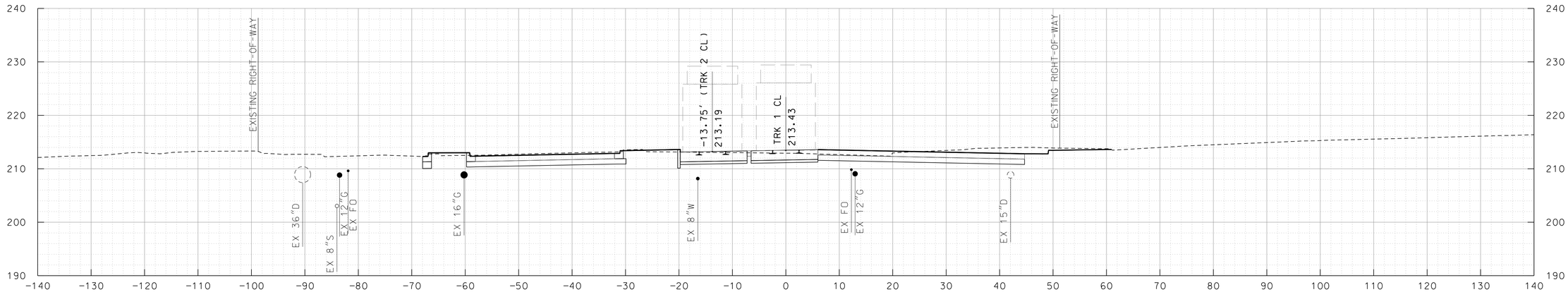
12/12/2013



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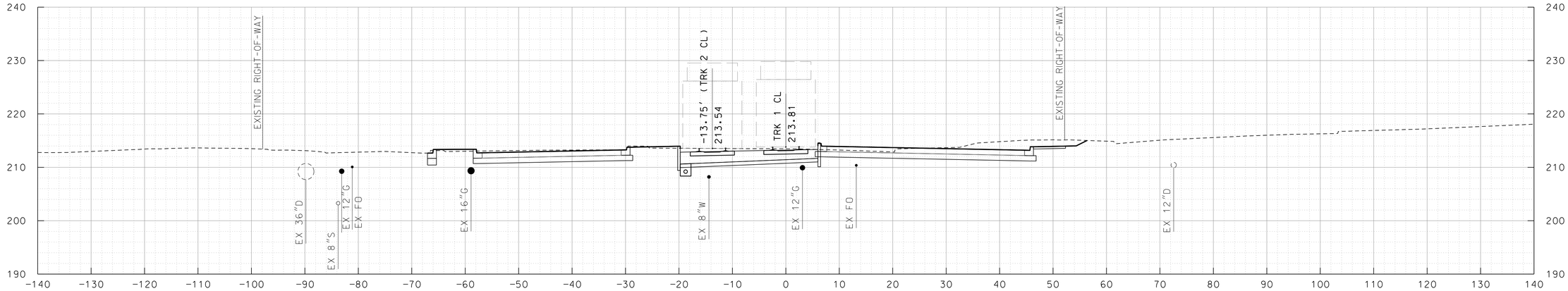

TRK 1 477+50

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SCALE: 1"=10'

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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 477+50 TO STA TRK 1 478+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-237
SHEET NO. 246 OF 736

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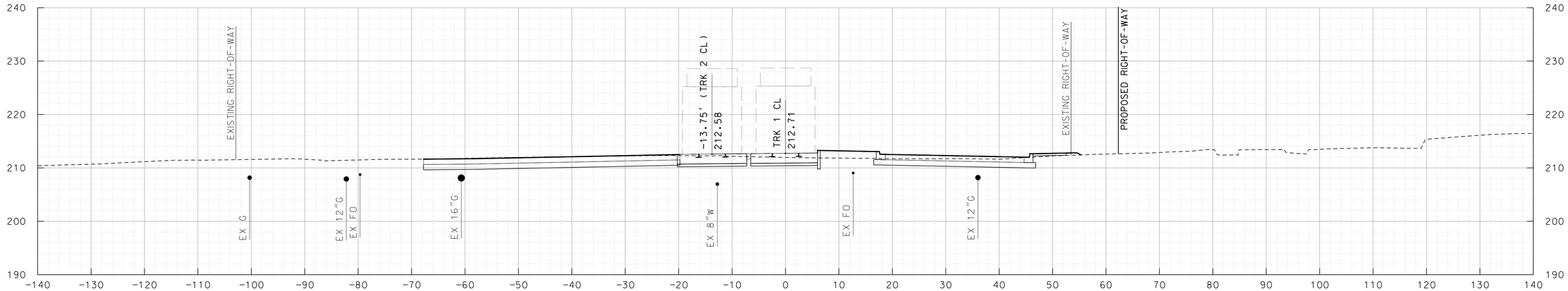
12/12/2013



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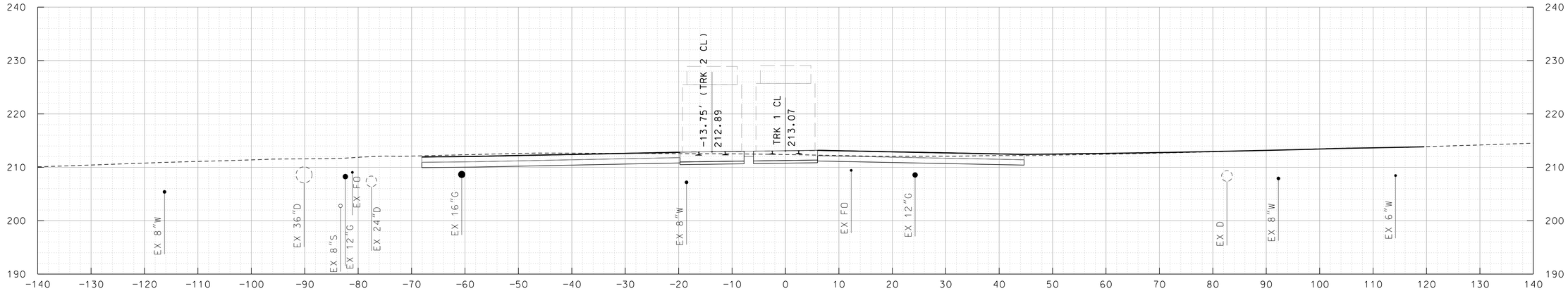

TRK 1 478+50

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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 478+50 TO STA TRK 1 479+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-238
SHEET NO. 247 OF 736

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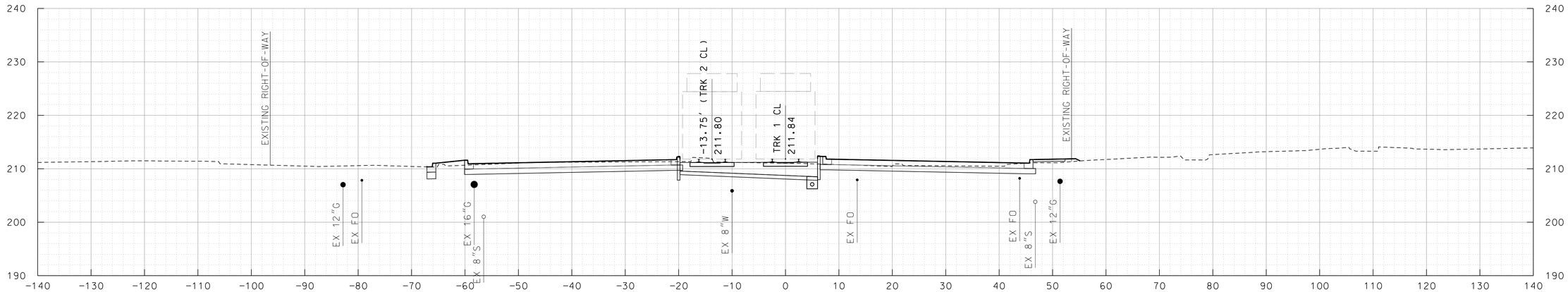
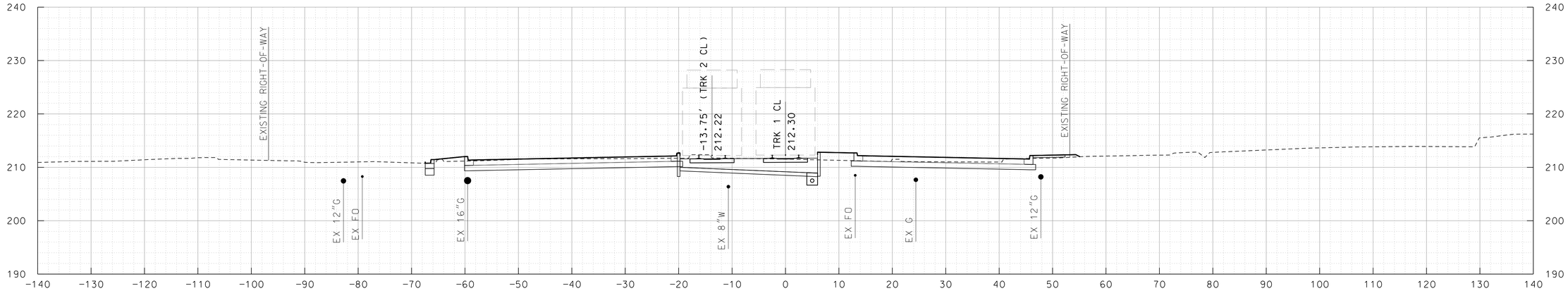
12/12/2013



TRK 1 480+00



TRK 1 479+50

10' 0 10' 20'
SCALE: 1"=10'

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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 479+50 TO STA TRK 1 480+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-239
SHEET NO. 248 OF 736

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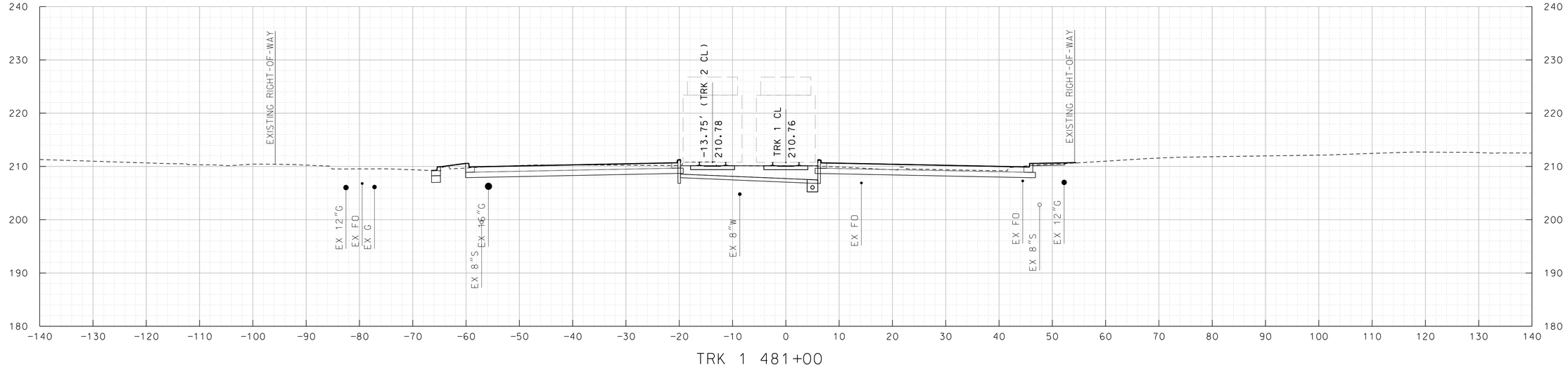
12/12/2013



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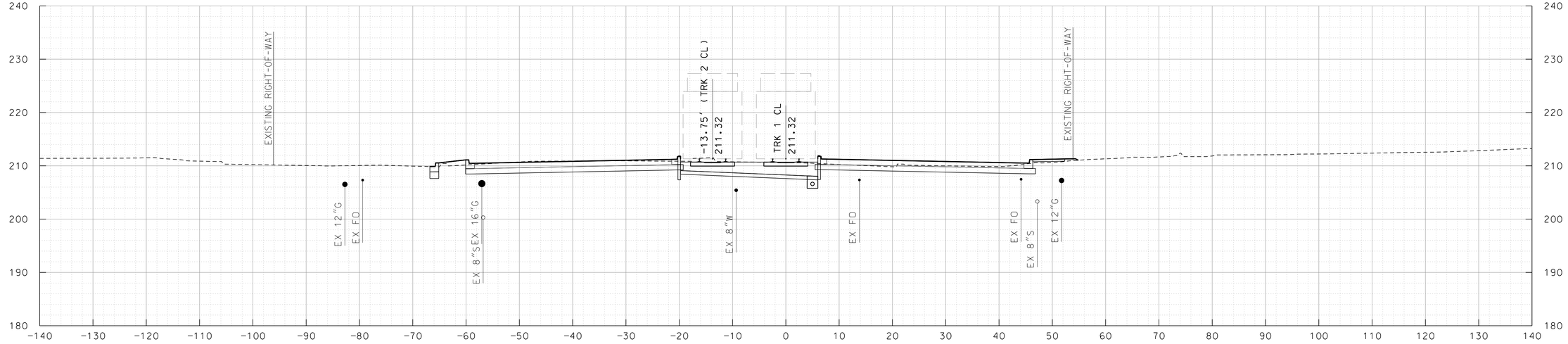

TRK 1 480+50

10' 0 10' 20'
SCALE: 1"=10'

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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 480+50 TO STA TRK 1 481+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-240
SHEET NO. 249 OF 736

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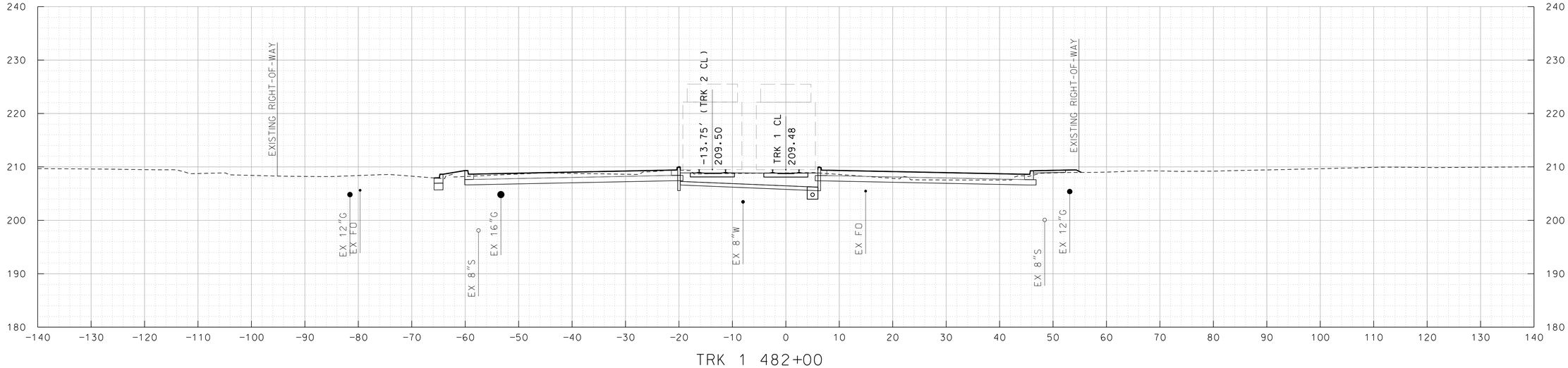
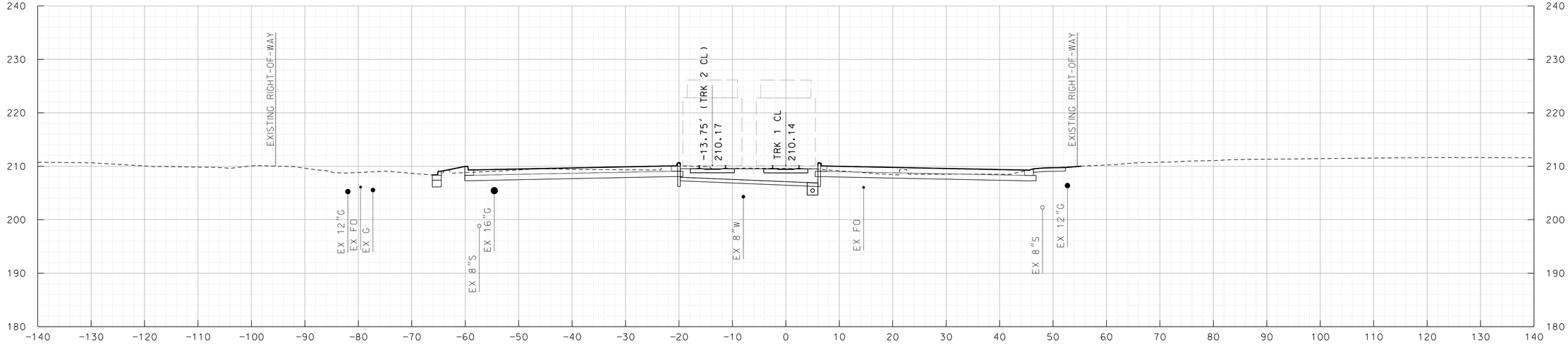
12/12/2013



TRK 1 482+00



TRK 1 481+50

10' 0 10' 20'
SCALE: 1"=10'

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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 481+50 TO STA TRK 1 482+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-241
SHEET NO. 250 OF 736

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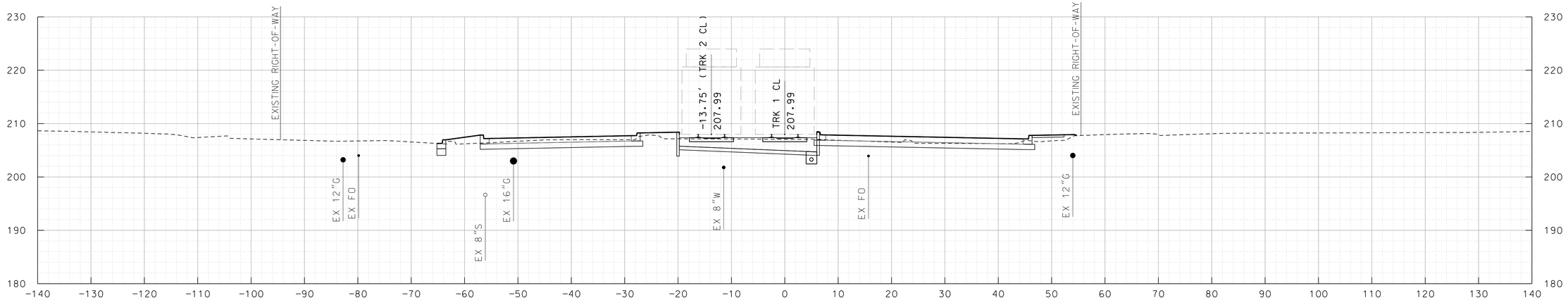
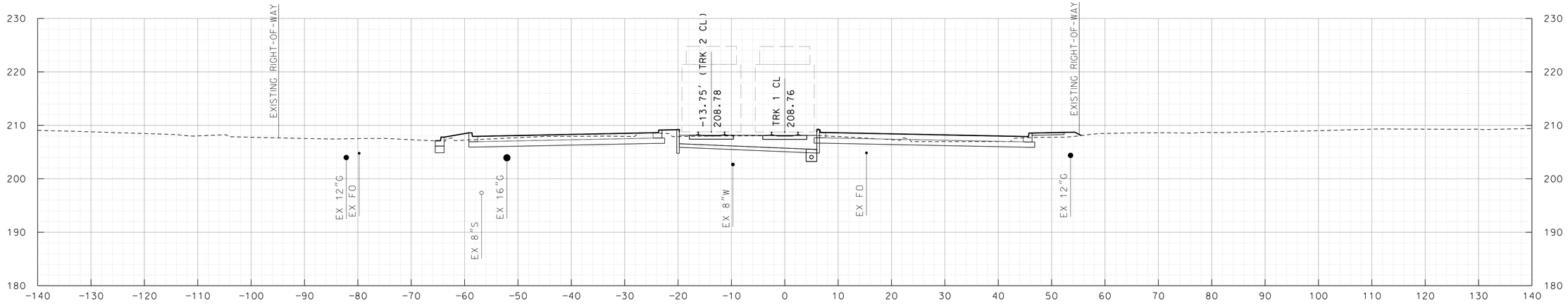
12/12/2013



TRK 1 483+00



TRK 1 482+50

10' 0 10' 20'
SCALE: 1"=10'

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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 482+50 TO STA TRK 1 483+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-242
SHEET NO. 251 OF 736

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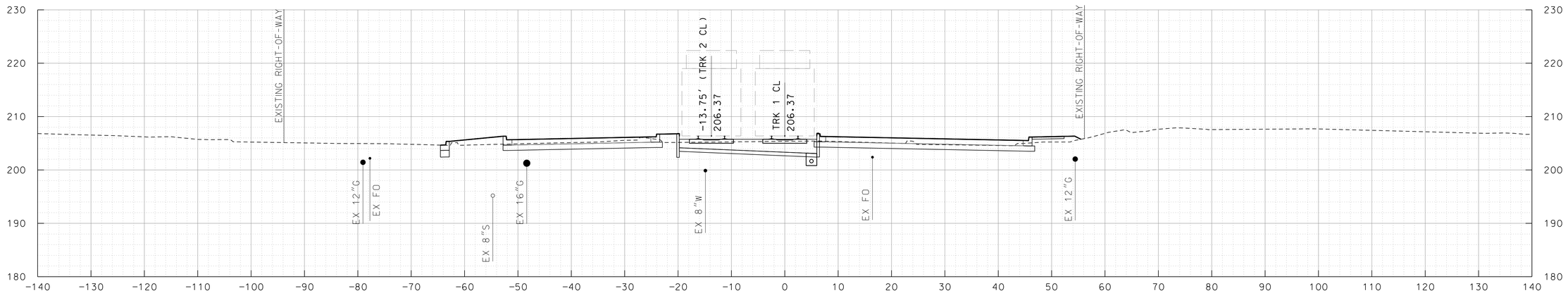
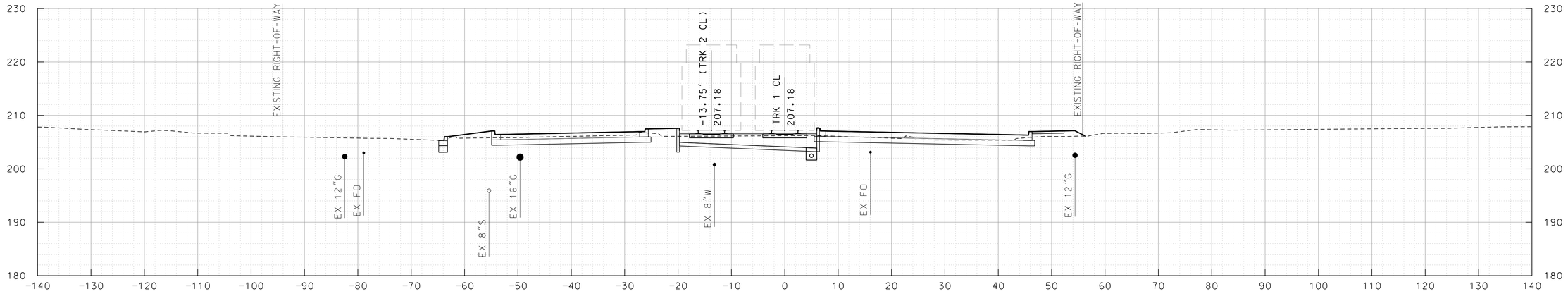
12/12/2013



TRK 1 484+00



TRK 1 483+50

10' 0 10' 20'
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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 483+50 TO STA TRK 1 484+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-243
SHEET NO. 252 OF 736

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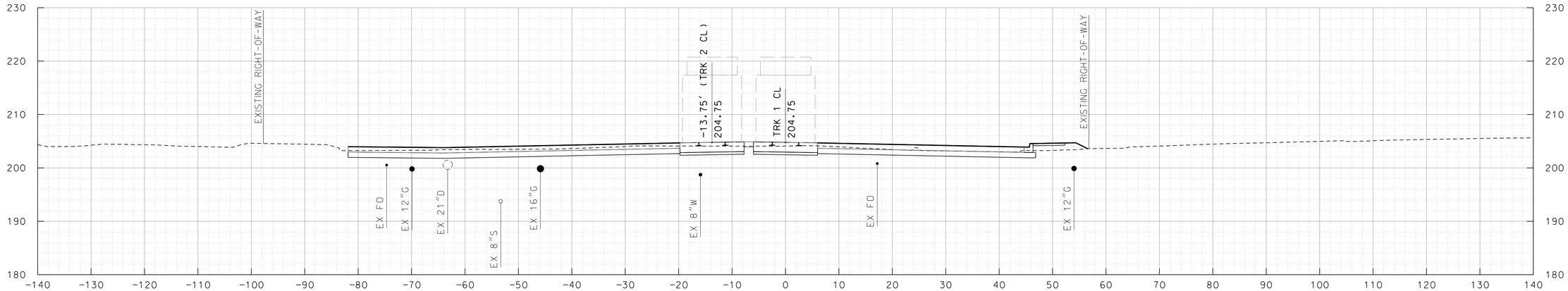
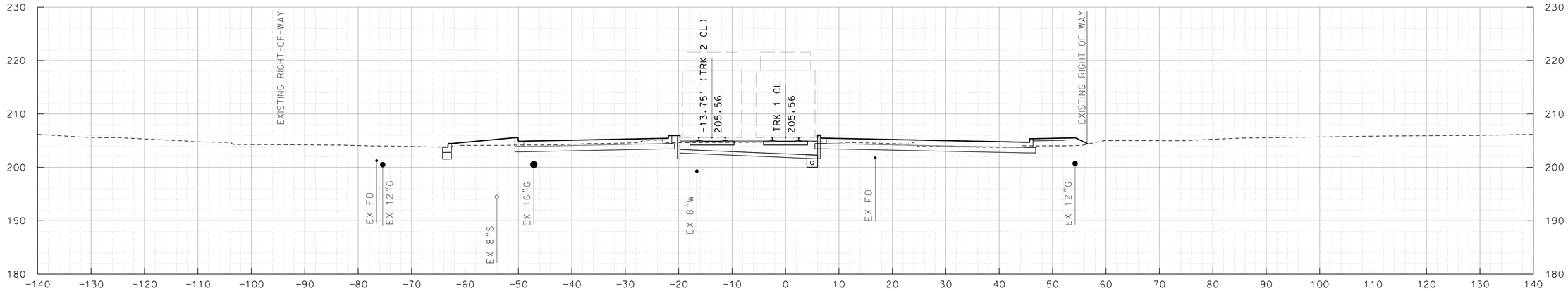
12/12/2013



TRK 1 485+00



TRK 1 484+50

10' 0 10' 20'
SCALE: 1"=10'

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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 484+50 TO STA TRK 1 485+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-244
SHEET NO. 253 OF 736

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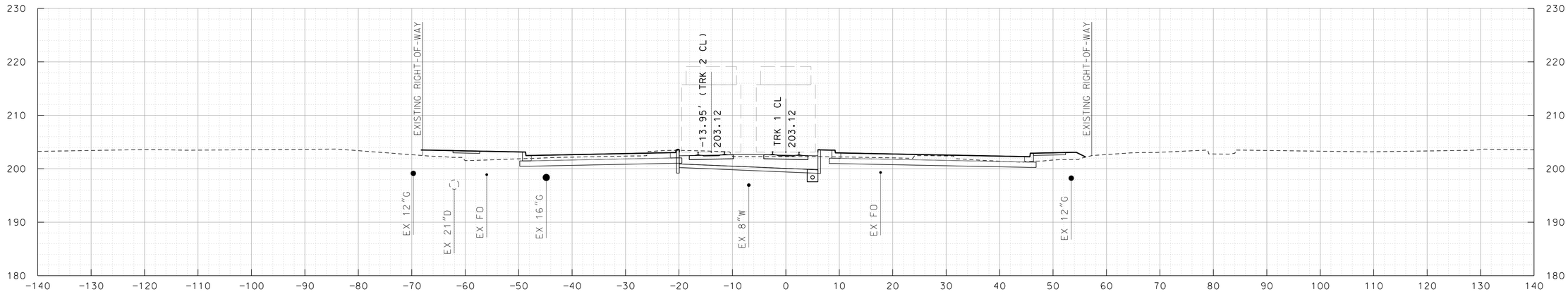
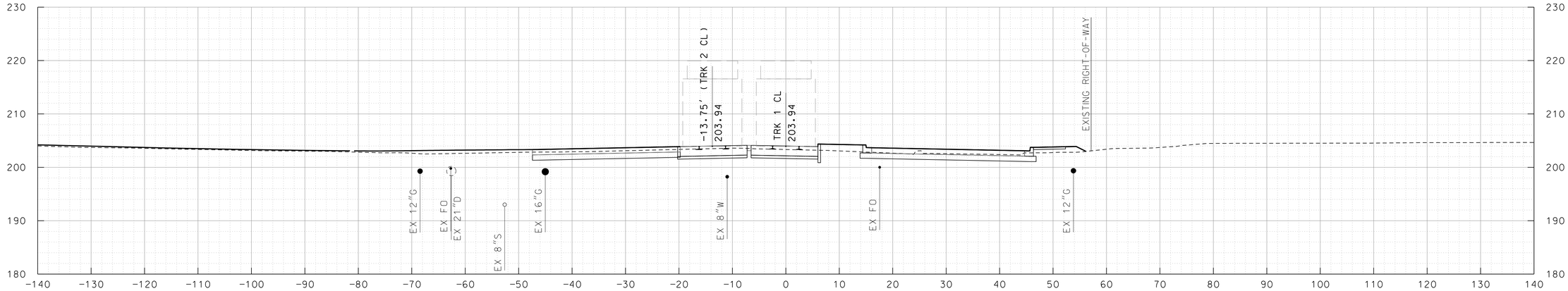
12/12/2013



TRK 1 486+00



TRK 1 485+50

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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 485+50 TO STA TRK 1 486+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-245
SHEET NO. 254 OF 736

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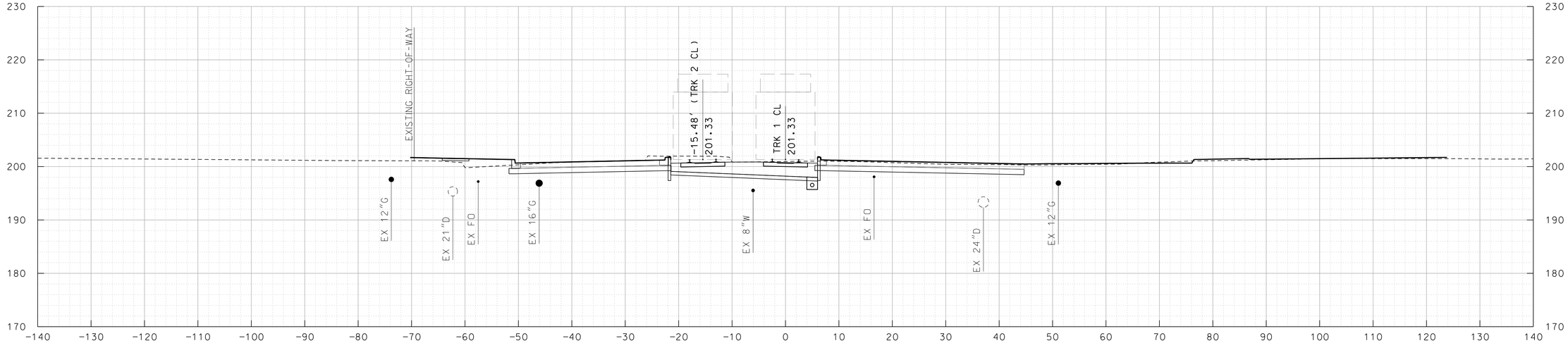
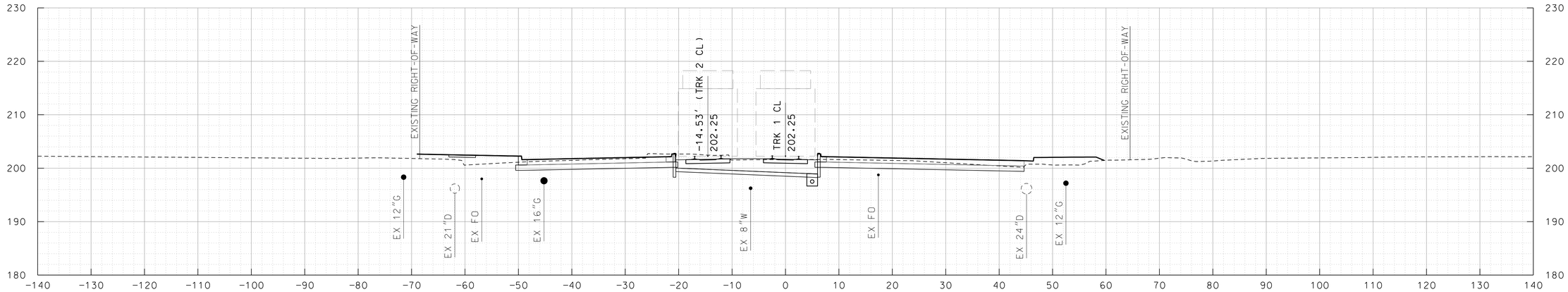
12/12/2013



TRK 1 487+00



TRK 1 486+50

10' 0 10' 20'

SCALE: 1"=10'

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 486+50 TO STA TRK 1 487+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-246

SHEET NO. 255 OF 736

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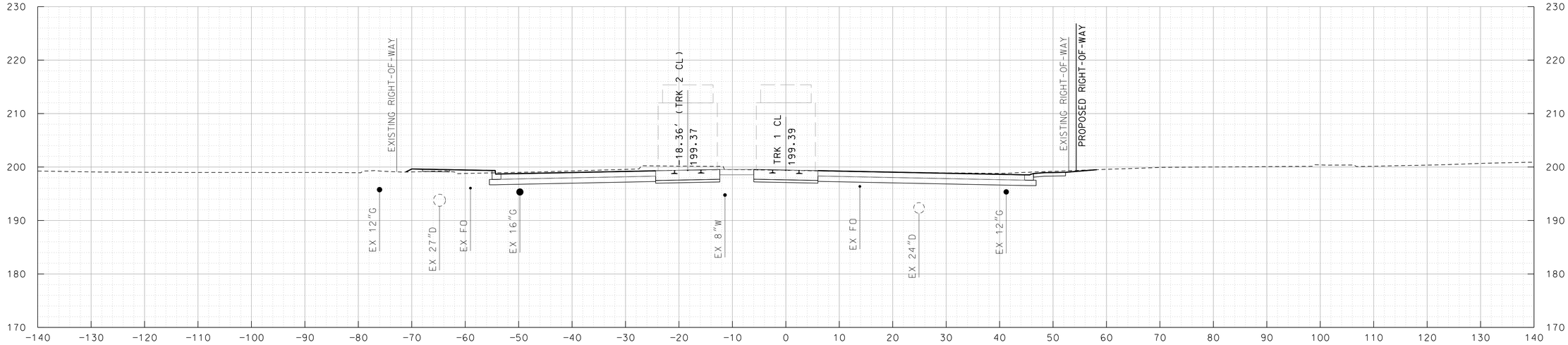
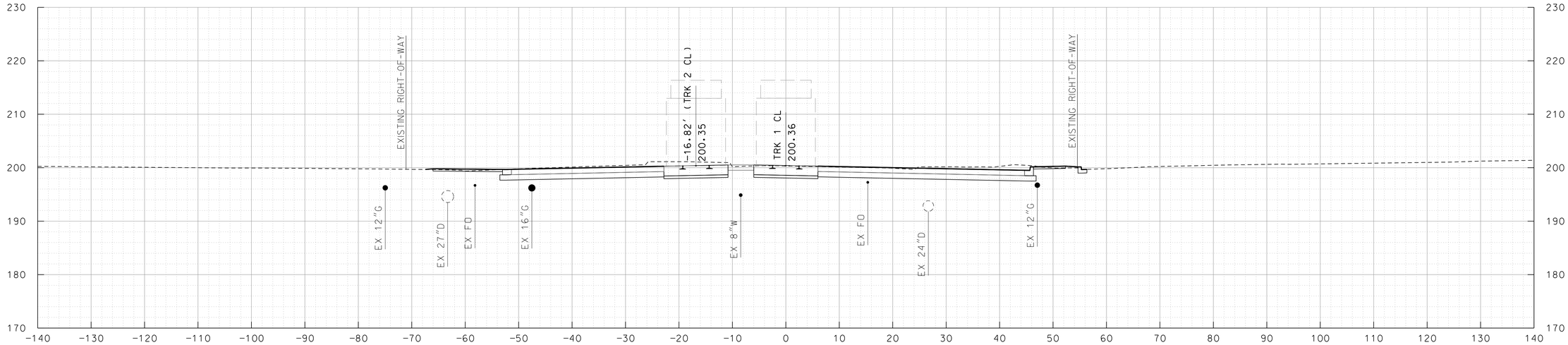
12/12/2013



TRK 1 488+00



TRK 1 487+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

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License No. Expiration Date

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 487+50 TO STA TRK 1 488+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-247
SHEET NO. 256 OF 736

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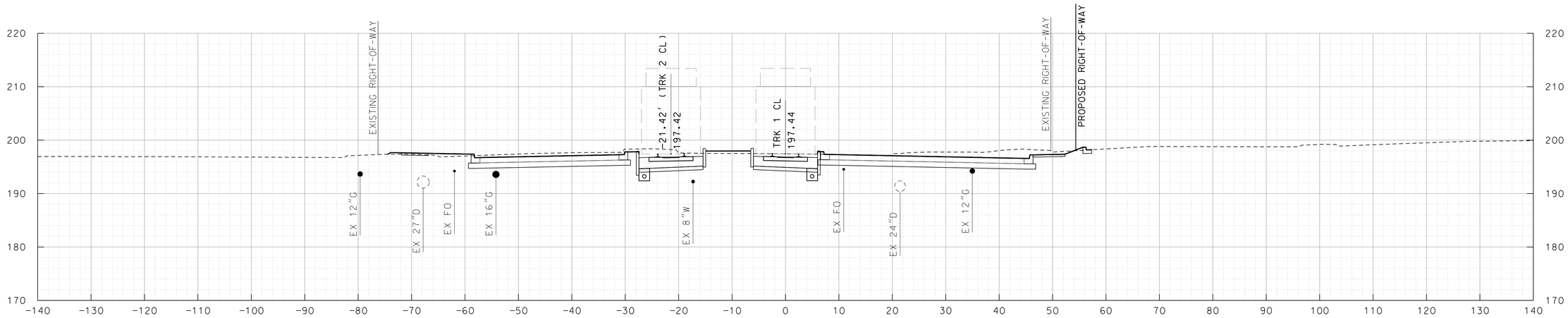
12/12/2013



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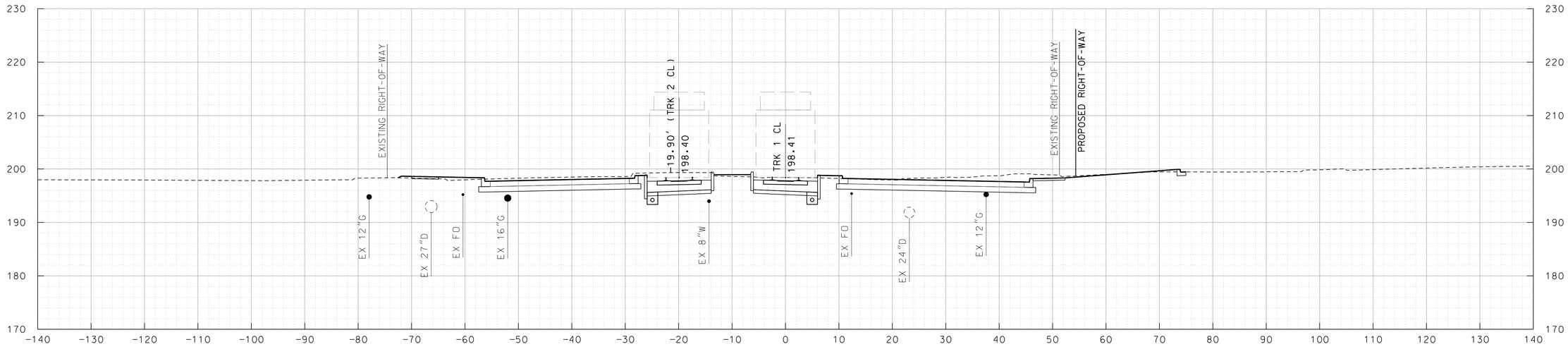

TRK 1 488+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
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APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 488+50 TO STA TRK 1 489+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-248
SHEET NO. 257 OF 736

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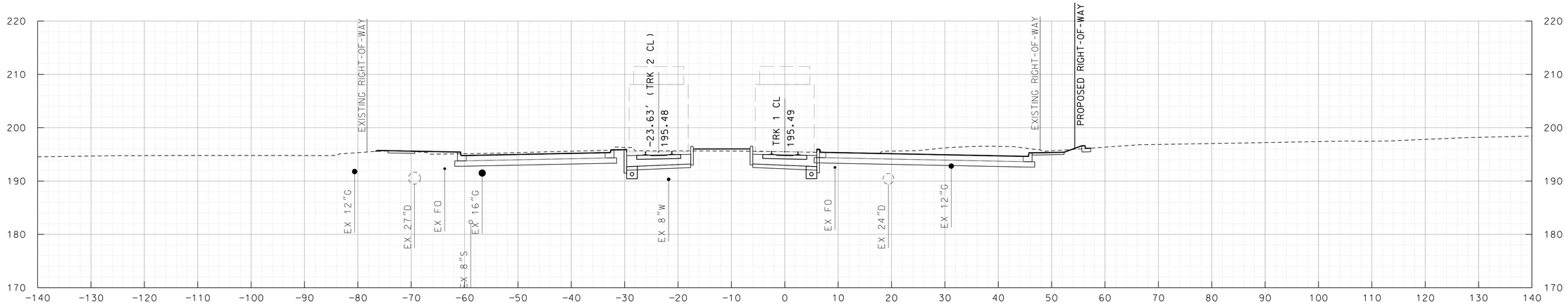
12/12/2013



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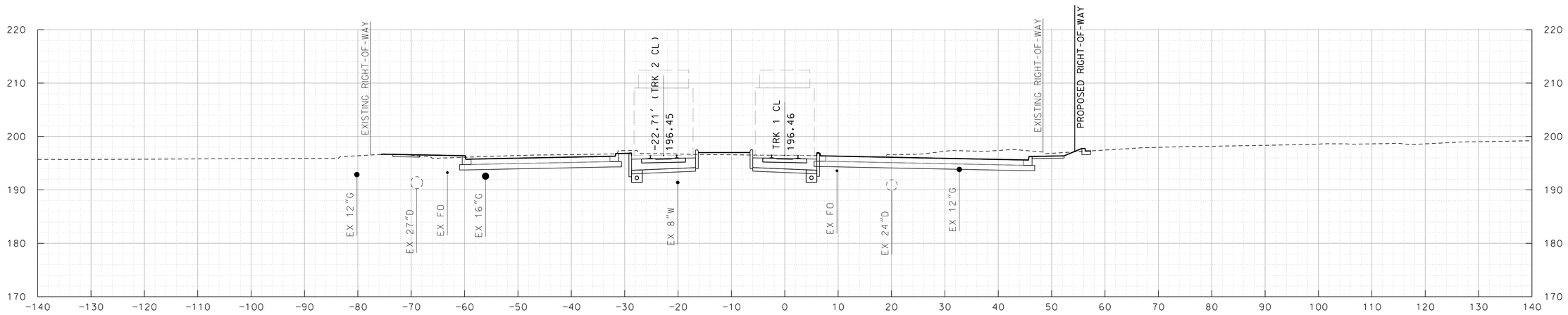

TRK 1 489+50

10' 0 10' 20'
SCALE: 1"=10'

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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 489+50 TO STA TRK 1 490+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-249
SHEET NO. 258 OF 736

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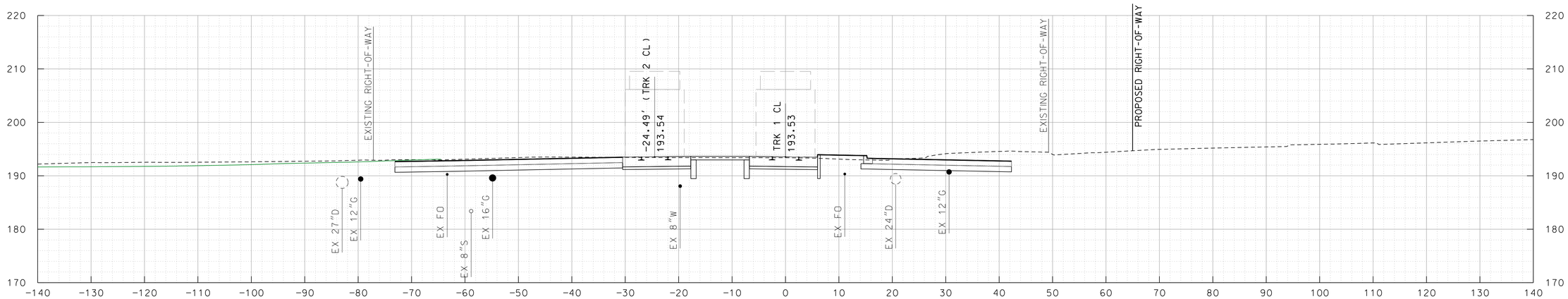
12/12/2013



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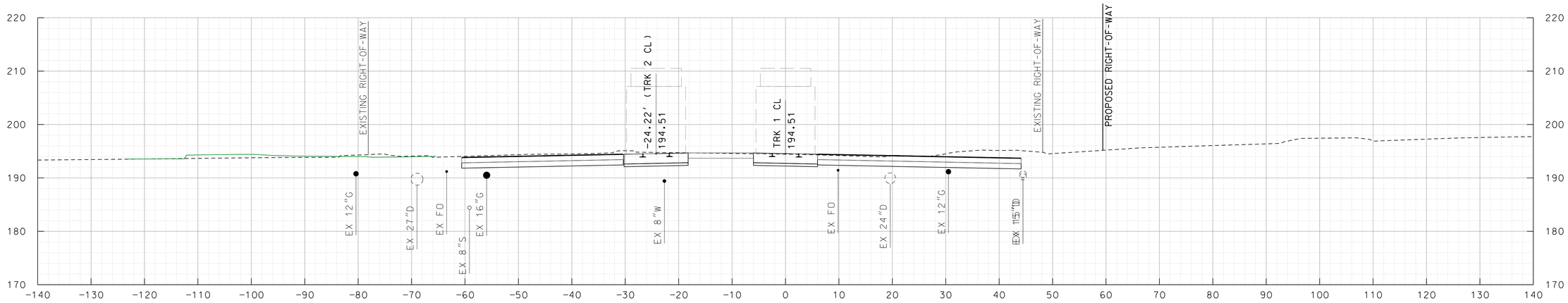

TRK 1 490+50

10' 0 10' 20'
SCALE: 1"=10'

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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 490+50 TO STA TRK 1 491+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO.
T-1042-0220
DRAWING NO.
XS-250
SHEET NO.
259 OF 736

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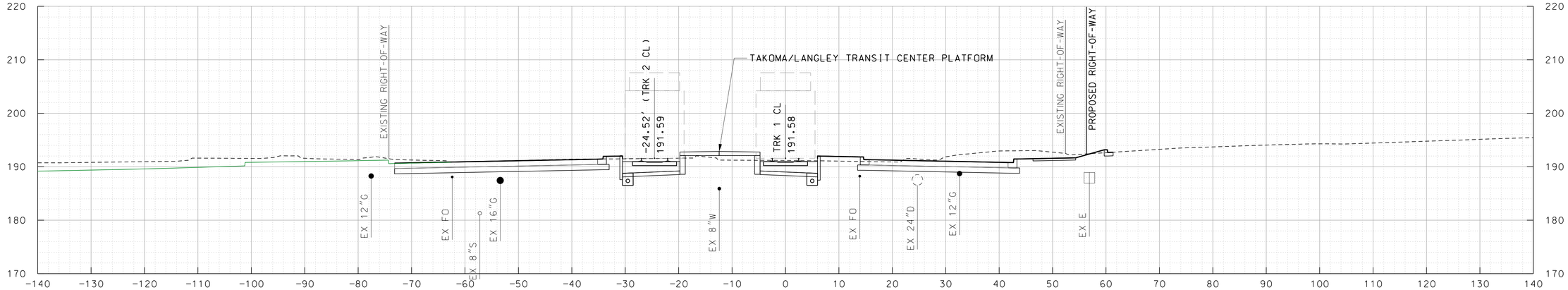
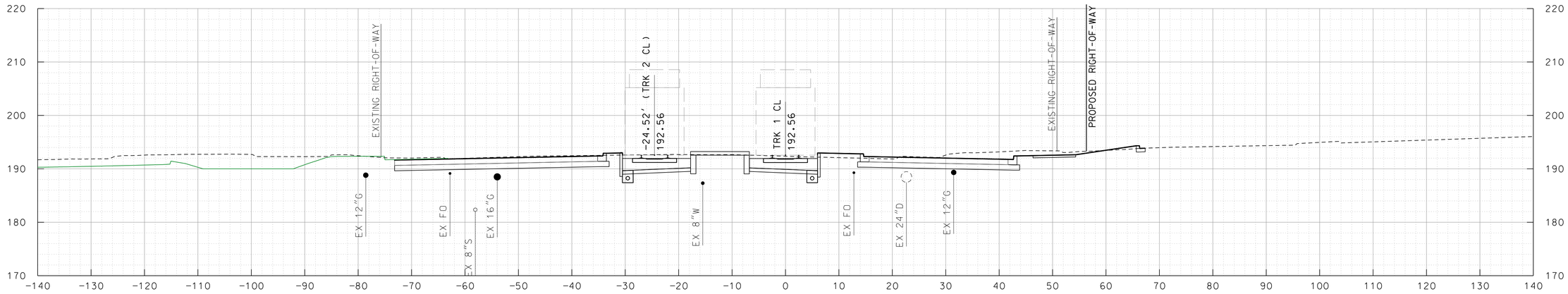
12/12/2013



TRK 1 492+00



TRK 1 491+50

10' 0 10' 20'
SCALE: 1"=10'

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MTA Maryland

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DESGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 491+50 TO STA TRK 1 492+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-251
SHEET NO. 260 OF 736

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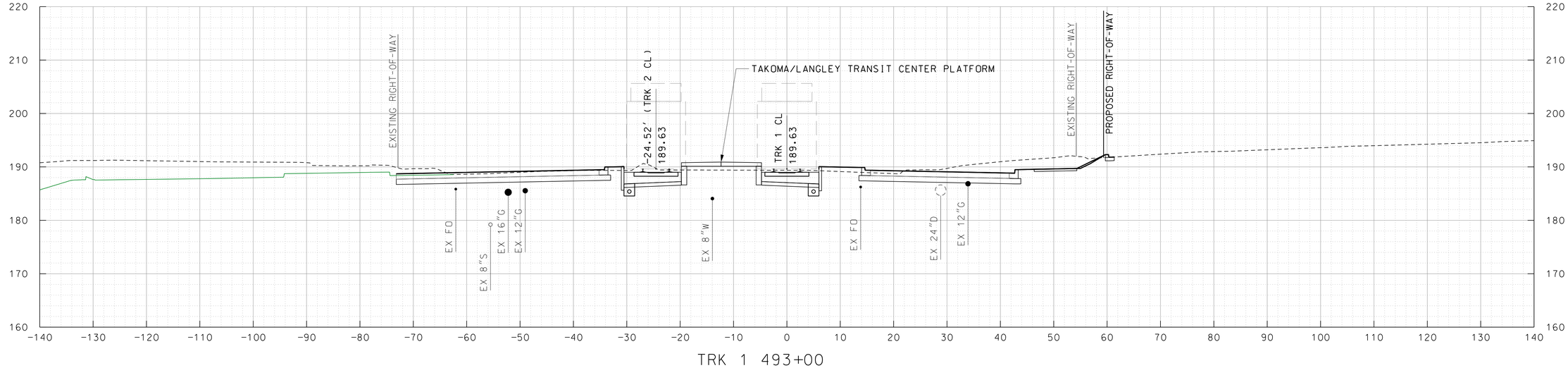
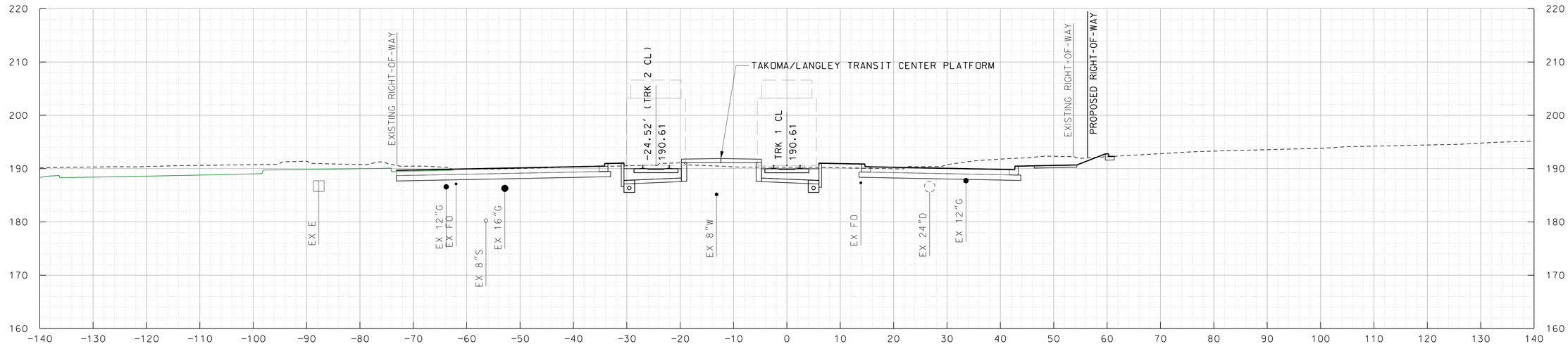
12/12/2013



TRK 1 493+00



TRK 1 492+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
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DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 492+50 TO STA TRK 1 493+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-252
SHEET NO. 261 OF 736

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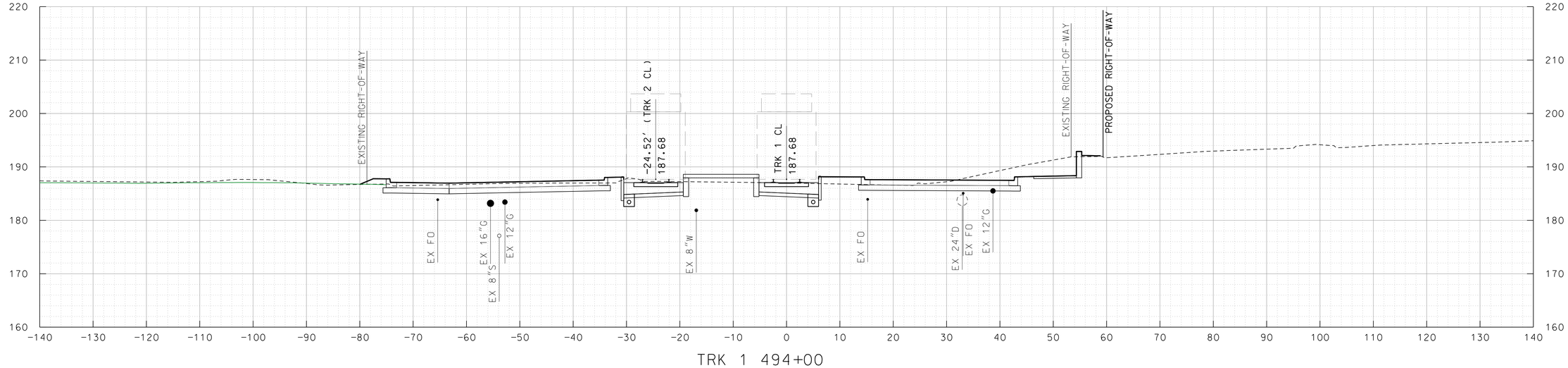
12/12/2013



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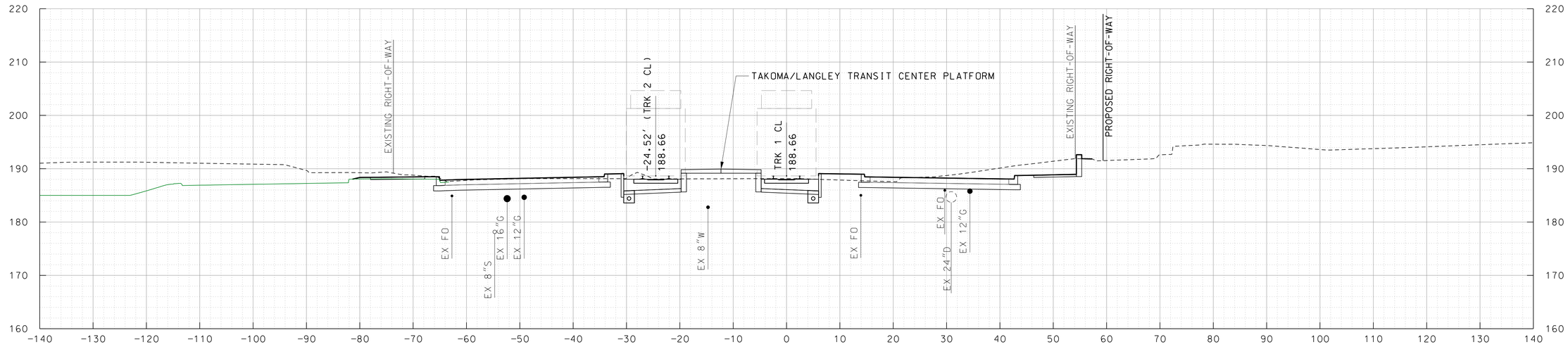

TRK 1 493+50

10' 0 10' 20'

SCALE: 1"=10'

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DESIGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS

STA TRK 1 493+50 TO STA TRK 1 494+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-253

SHEET NO. 262 OF 736

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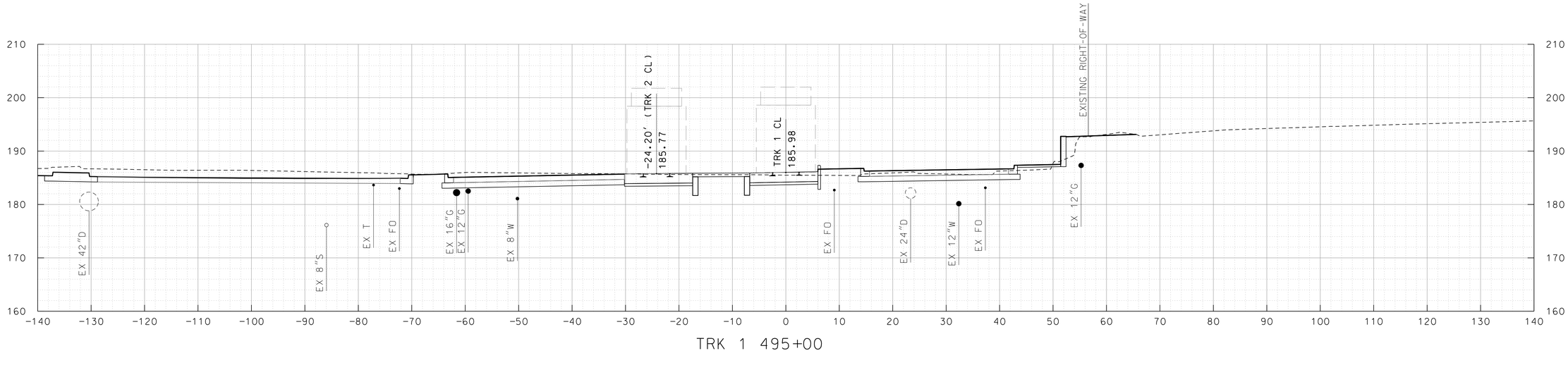
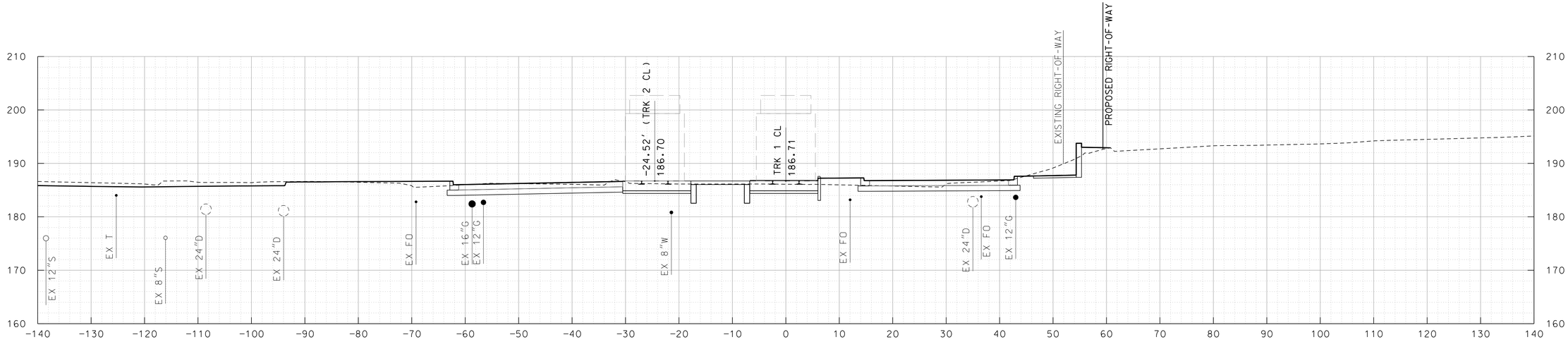
12/12/2013



TRK 1 495+00



TRK 1 494+50

10' 0 10' 20'
SCALE: 1"=10'

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DESIGN
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APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 494+50 TO STA TRK 1 495+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-254
SHEET NO. 263 OF 736

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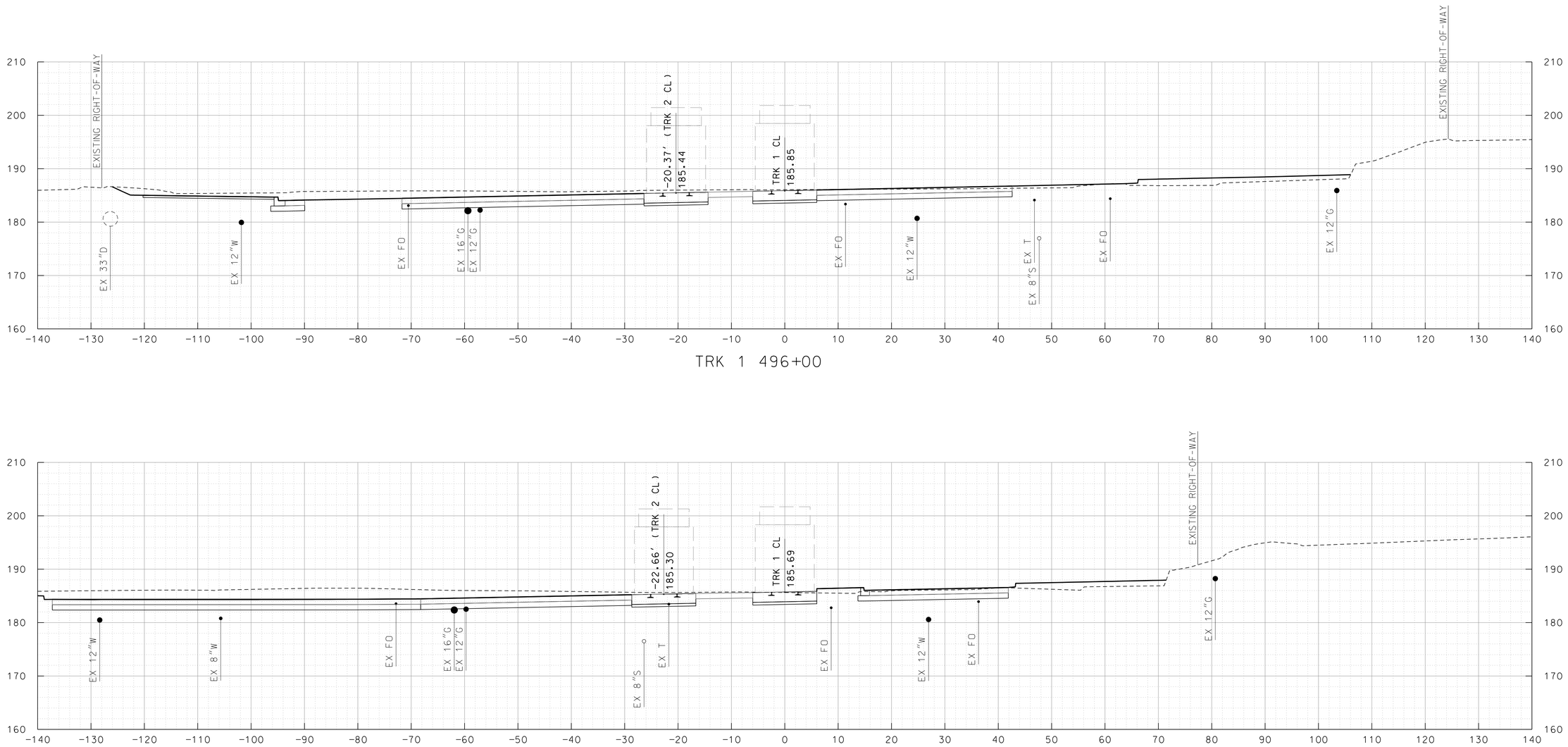
12/12/2013



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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 495+50 TO STA TRK 1 496+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-255
SHEET NO. 264 OF 736

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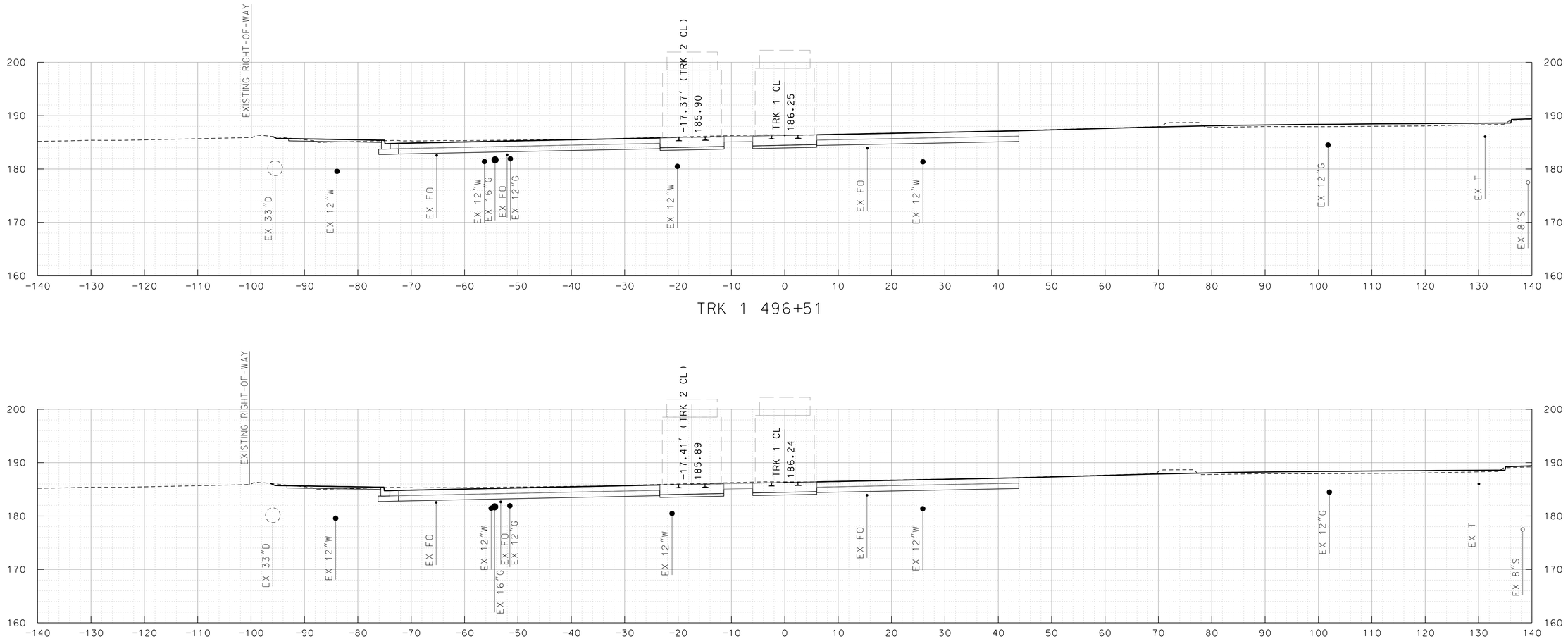
12/12/2013



TRK 1 496+51

TRK 1 496+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
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DESGN
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CHECK
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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 496+50 TO STA TRK 1 496+51
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO.
T-1042-0220
DRAWING NO.
XS-256
SHEET NO.
265 OF 736

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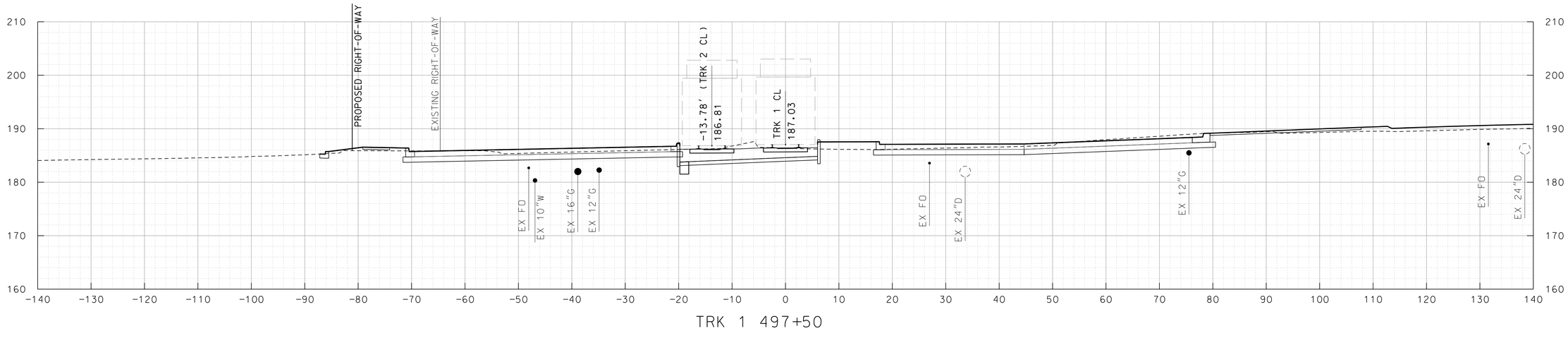
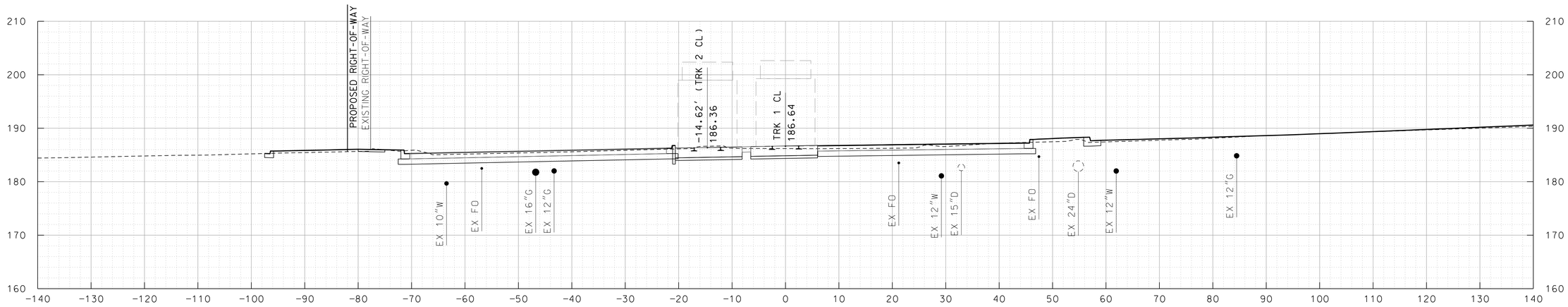
12/12/2013



TRK 1 497+50



TRK 1 497+00

10' 0 10' 20'
SCALE: 1"=10'

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DESGN
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APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 497+00 TO STA TRK 1 497+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-257
SHEET NO. 266 OF 736

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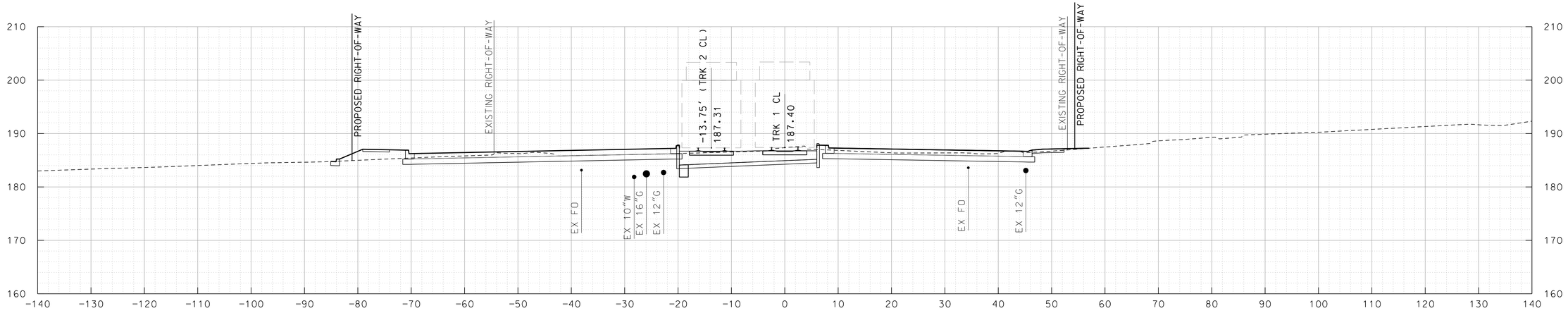
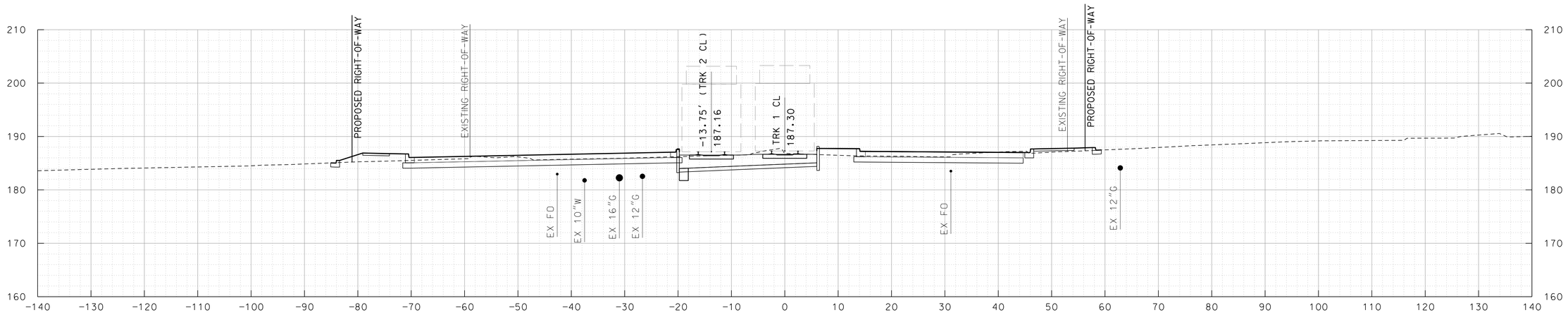
12/12/2013



TRK 1 498+50



TRK 1 498+00

10' 0 10' 20'
SCALE: 1"=10'

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DESGN
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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 498+00 TO STA TRK 1 498+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-258
SHEET NO. 267 OF 736

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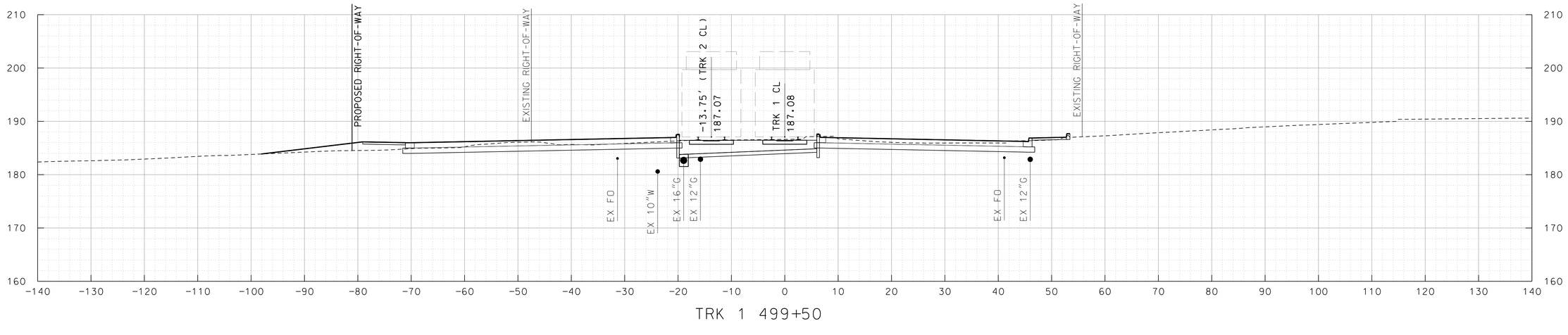
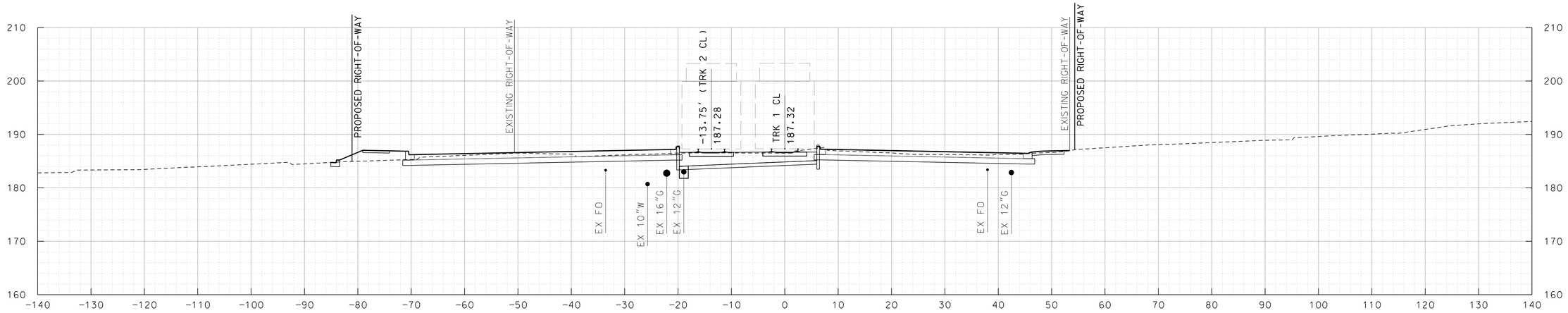
12/12/2013



TRK 1 499+50



TRK 1 499+00

10' 0 10' 20'
SCALE: 1"=10'

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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 499+00 TO STA TRK 1 499+50
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-259
SHEET NO. 268 OF 736

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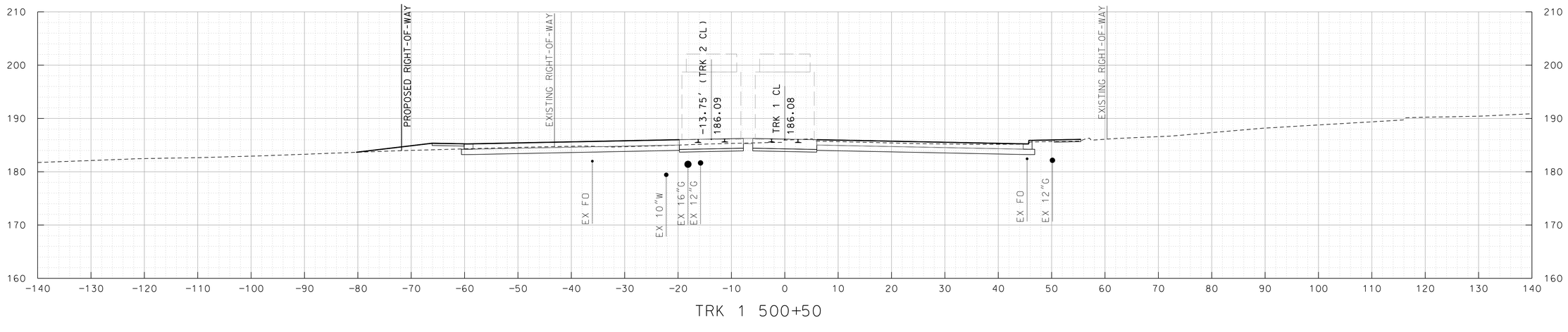
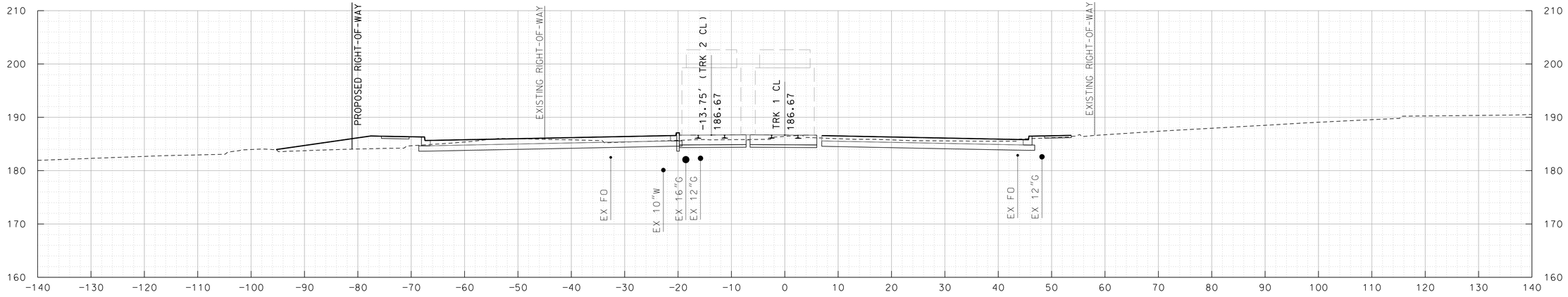
12/12/2013



TRK 1 500+50



TRK 1 500+00

10' 0 10' 20'
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DESGN
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PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 500+00 TO STA TRK 1 500+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO.
T-1042-0220
DRAWING NO.
XS-260
SHEET NO.
269 OF 736

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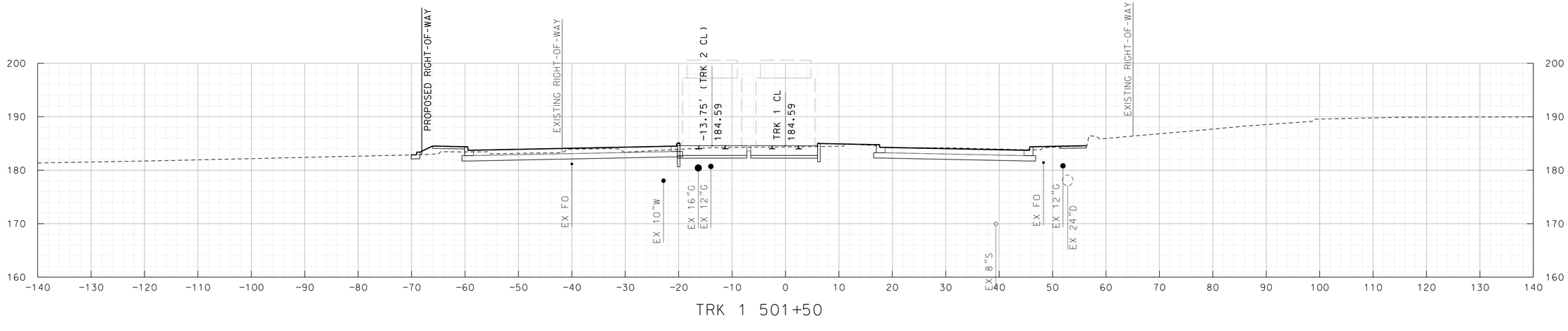
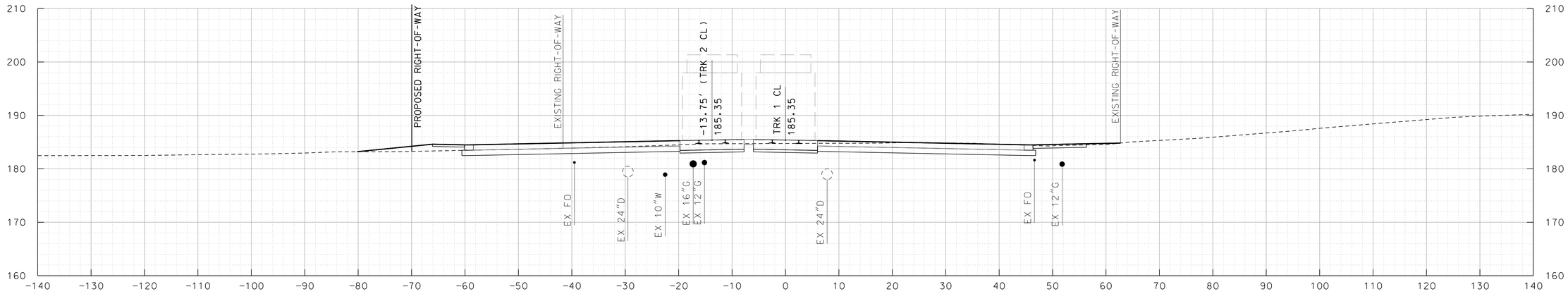
12/12/2013



TRK 1 501+50



TRK 1 501+00

10' 0 10' 20'
SCALE: 1"=10'

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MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

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License No. Expiration Date

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DESGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 501+00 TO STA TRK 1 501+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-261
SHEET NO. 270 OF 736

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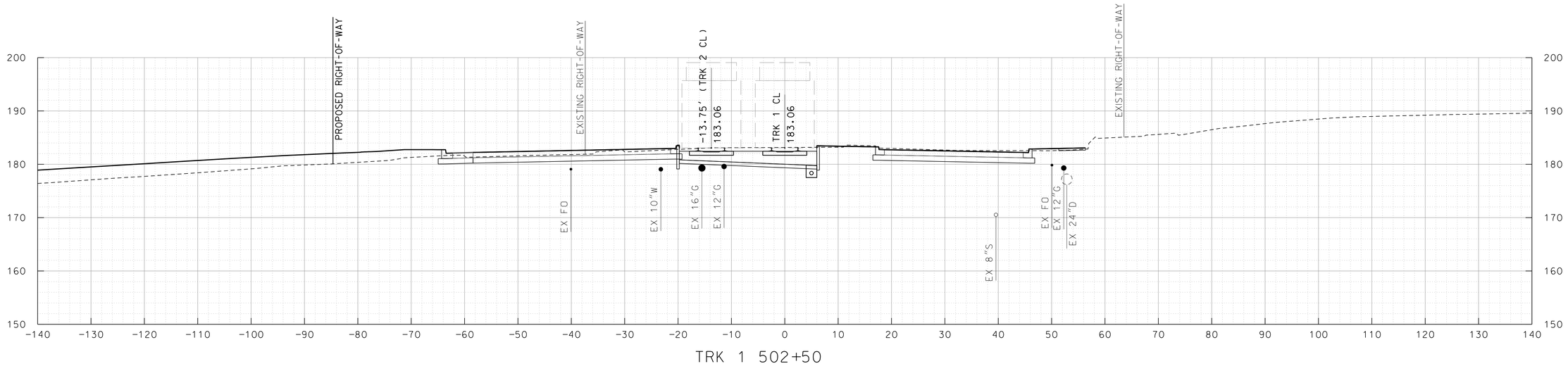
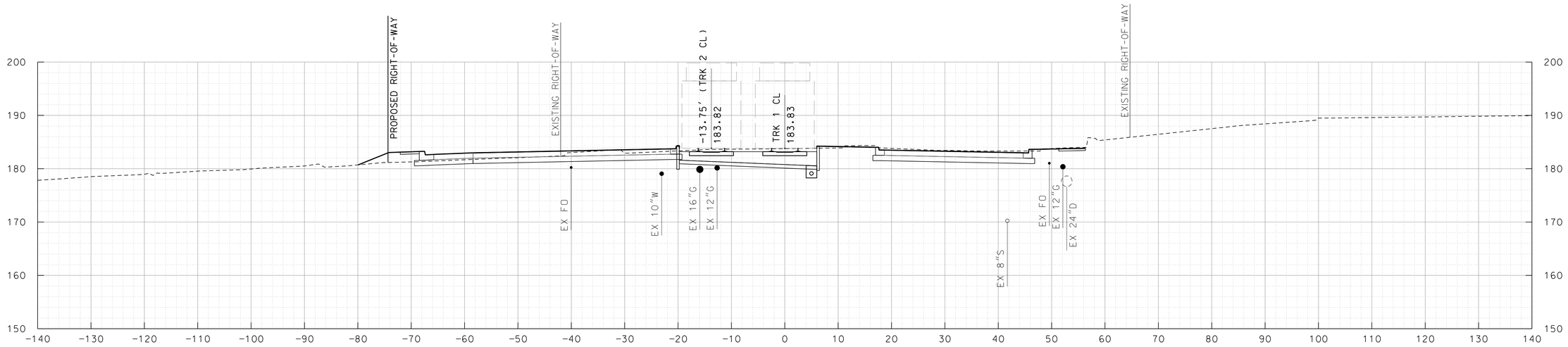
12/12/2013



TRK 1 502+50



TRK 1 502+00

10' 0 10' 20'
SCALE: 1"=10'

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Gannett Fleming — WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS
STA TRK 1 502+00 TO STA TRK 1 502+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-262
SHEET NO. 271 OF 736

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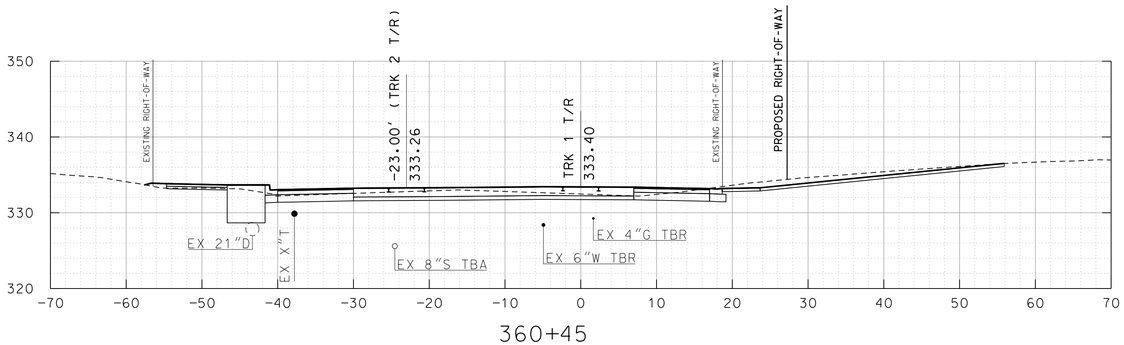
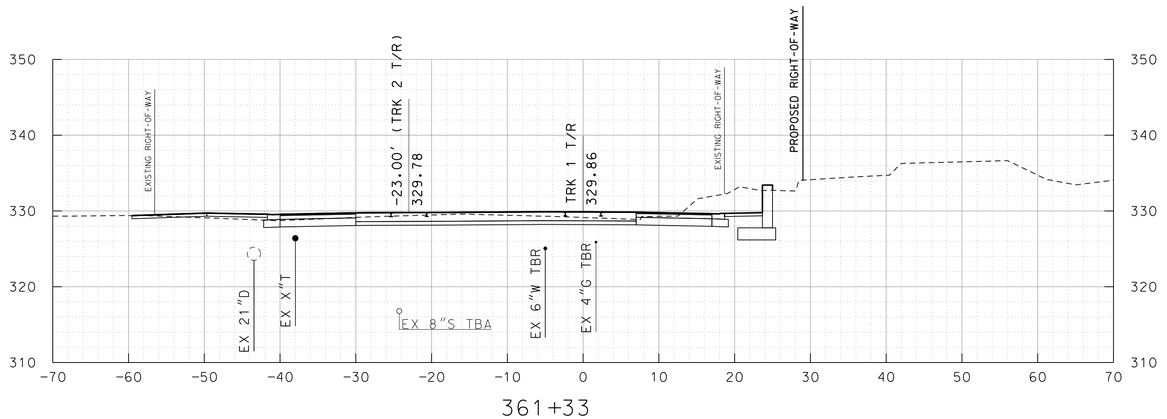
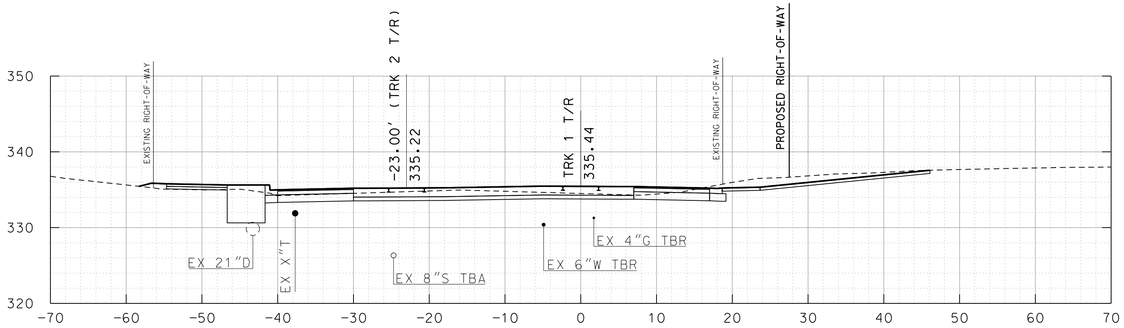
12/12/2013



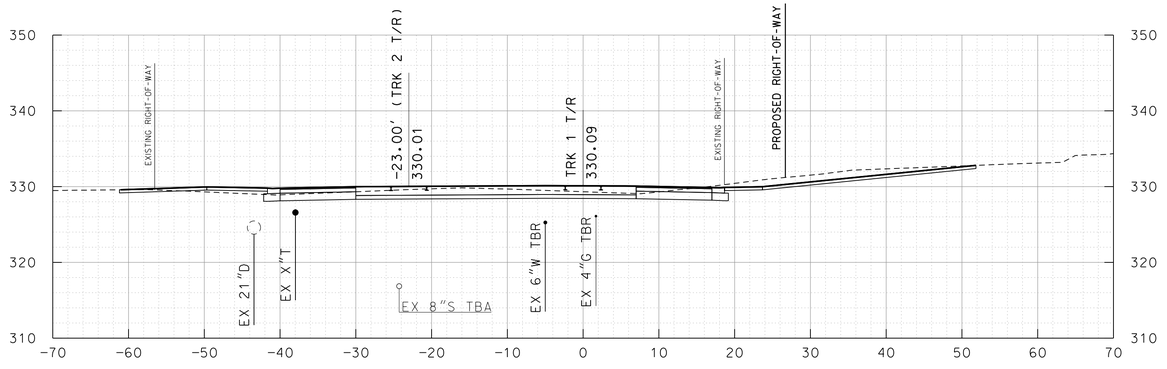
360+45



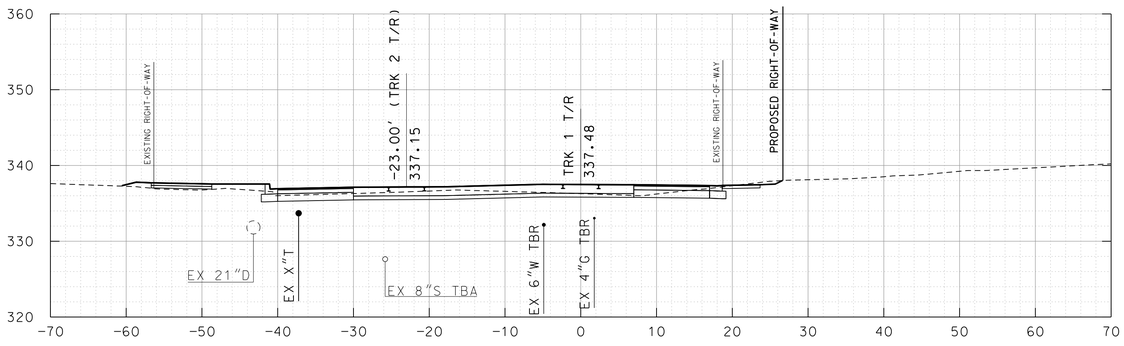
361+33



359+95



361+27



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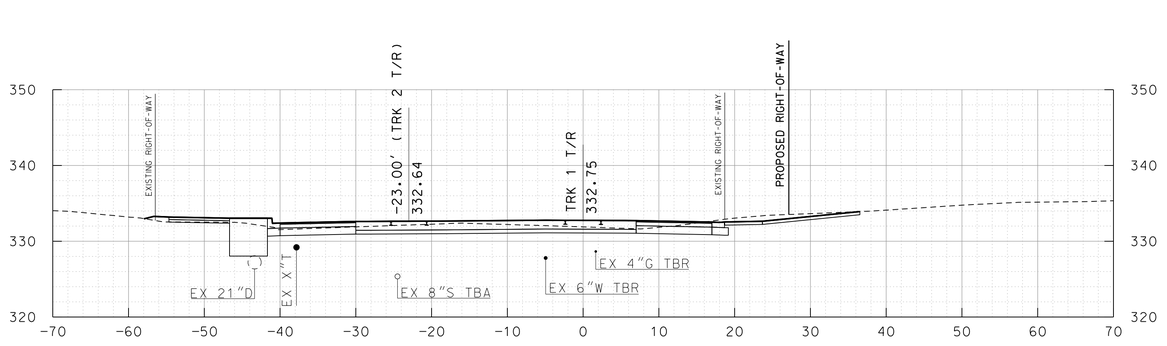
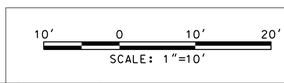


360+61



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

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DESGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS

STA TRK 1 359+45 TO STA TRK 1 361+33

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-586

SHEET NO. 595 OF 736

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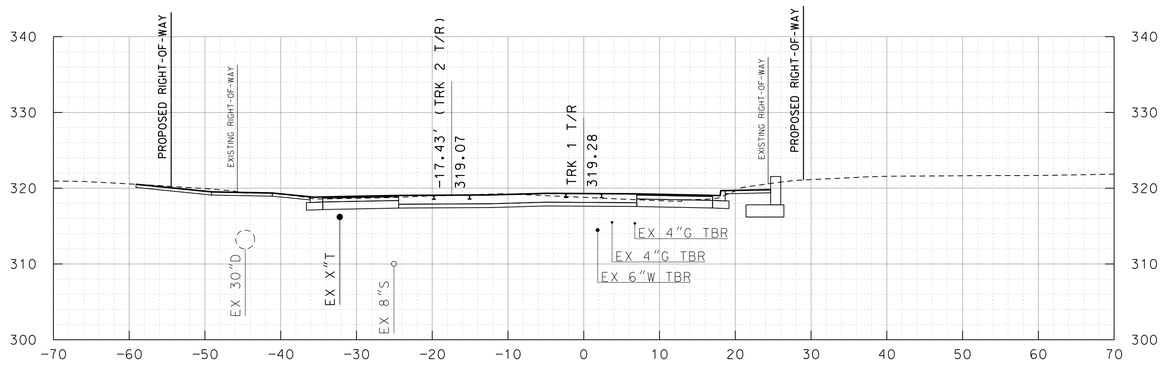
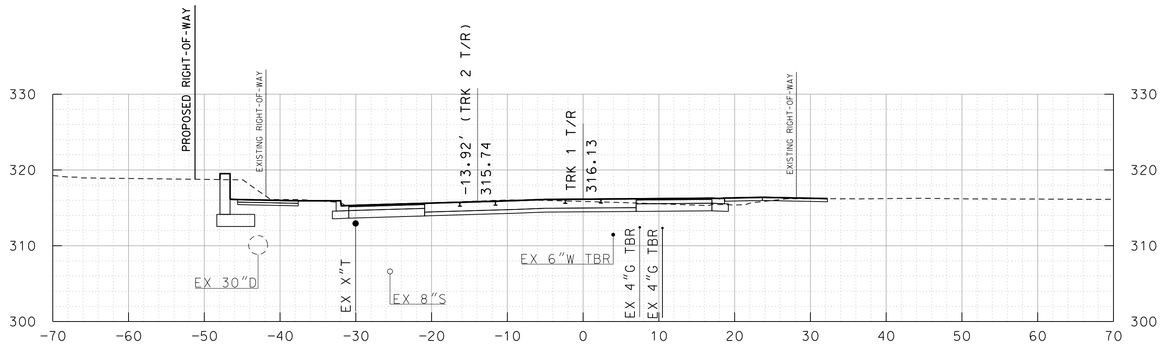
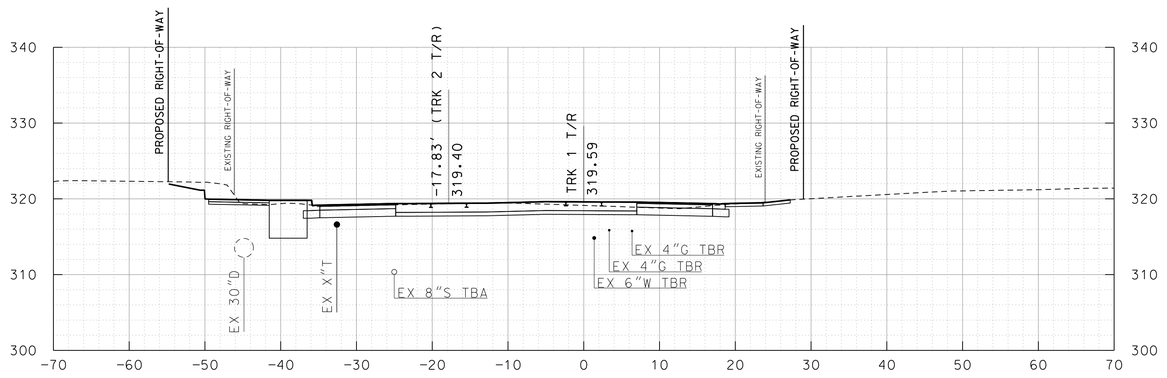
12/10/2013



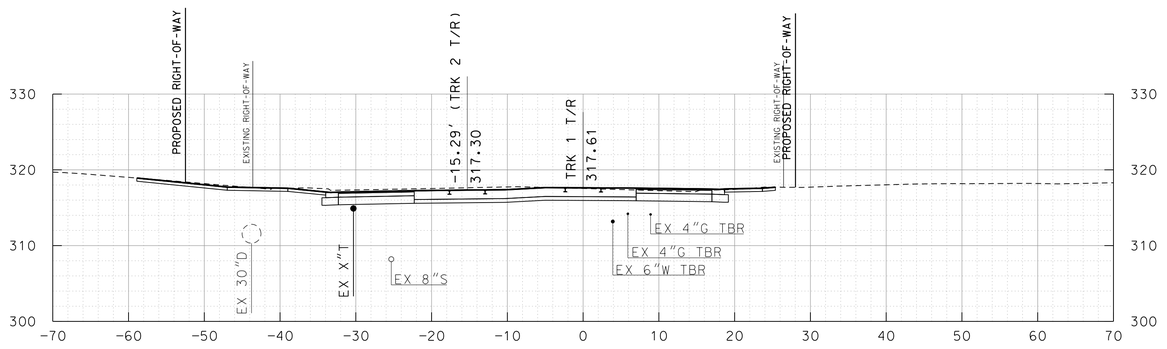
364+35



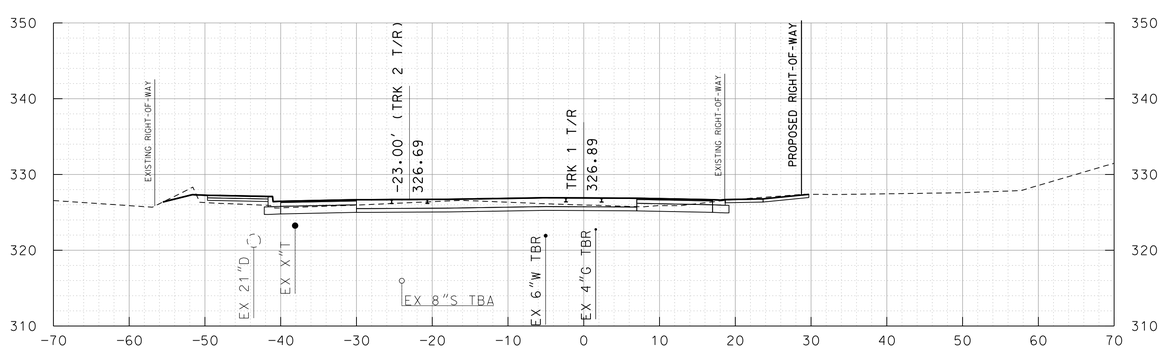
365+37



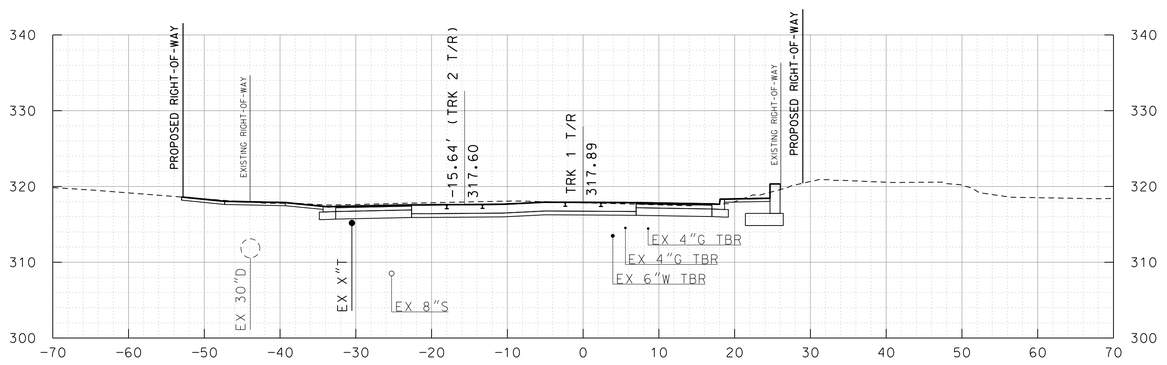
364+25



364+89



362+11



364+80

10' 0 10' 20'

SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION

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Gannett Fleming WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS

STA TRK 1 362+11 TO STA TRK 1 365+37

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-587

SHEET NO. 596 OF 736

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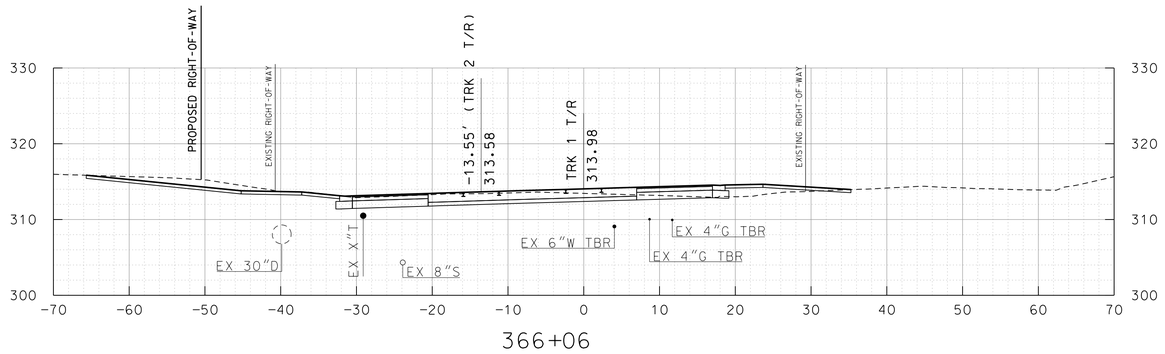
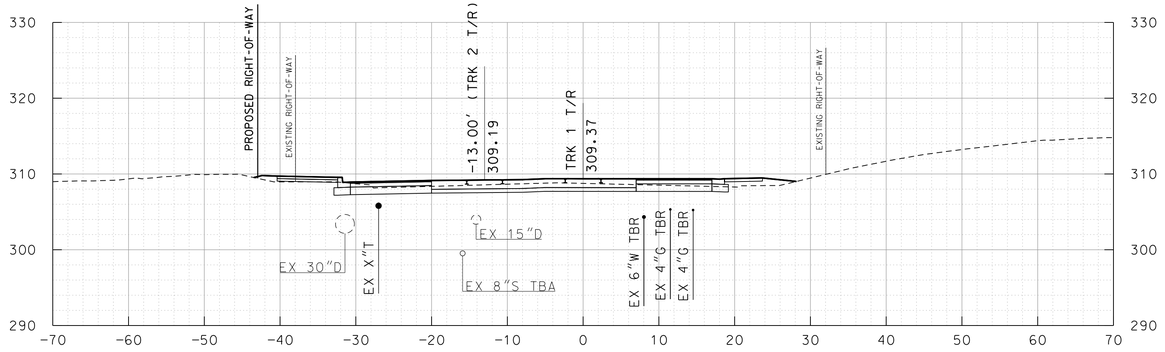
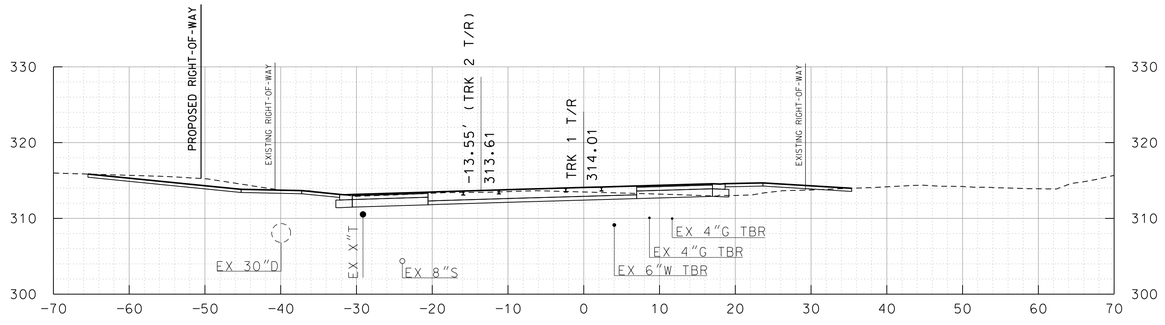
12/10/2013



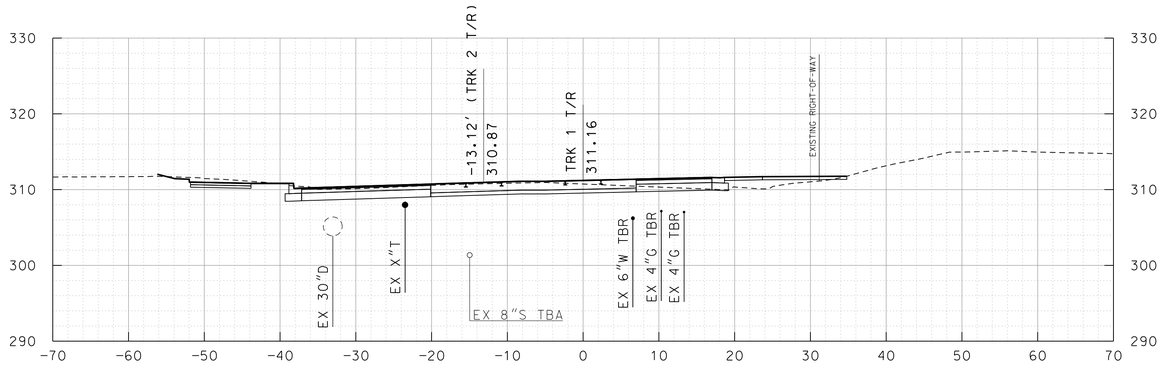
366+06



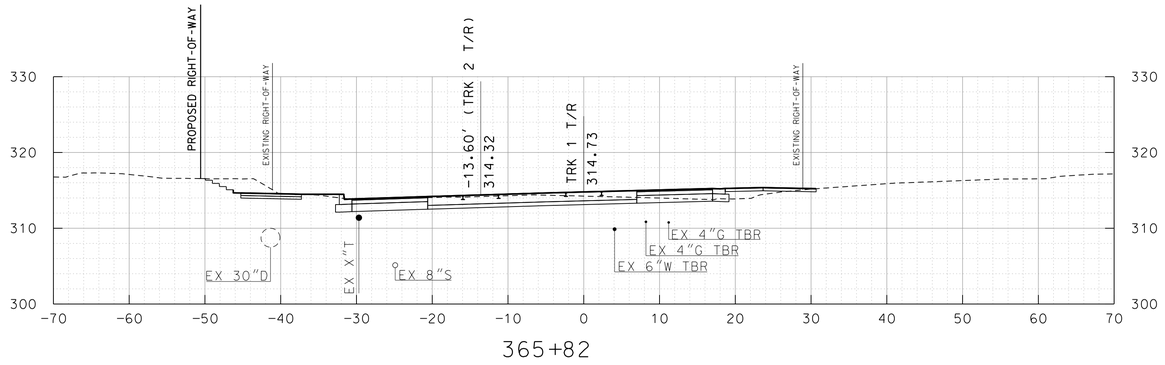
367+52



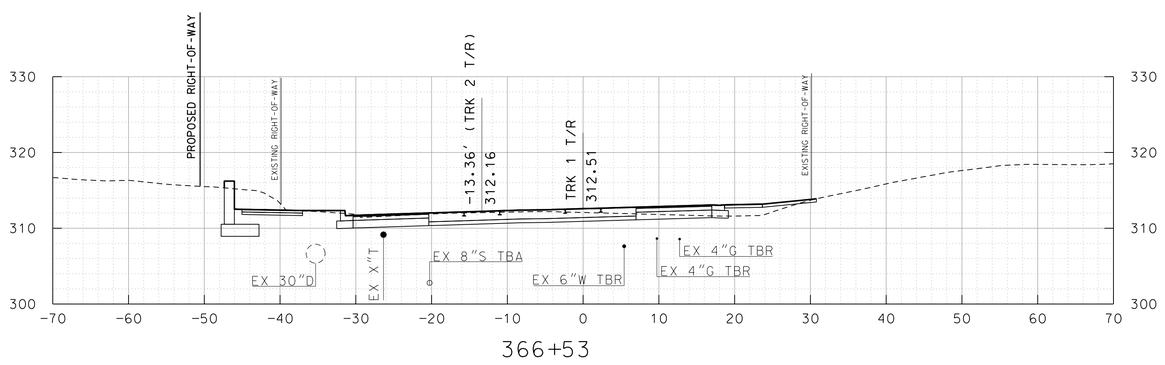
366+05



366+96



365+82



366+53

10' 0 10' 20'
SCALE: 1"=10'

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MTA Maryland

Gannett Fleming
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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS
STA TRK 1 365+82 TO STA TRK 1 367+52

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO.
T-1042-0220
DRAWING NO.
XS-588
SHEET NO.
597 OF 736

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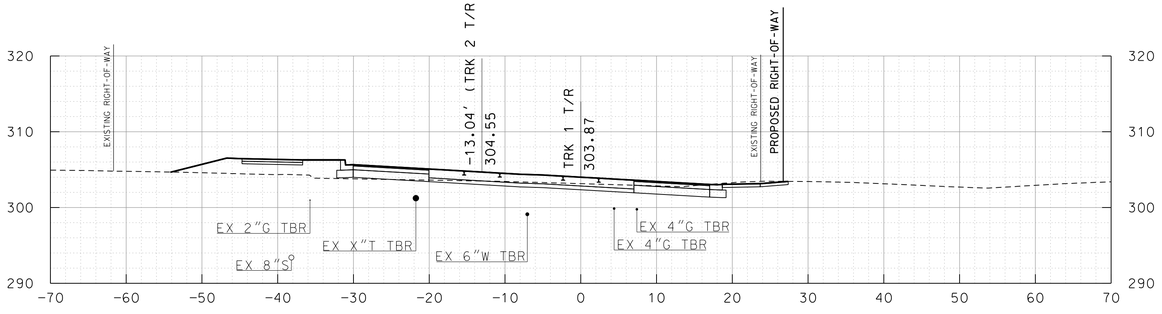
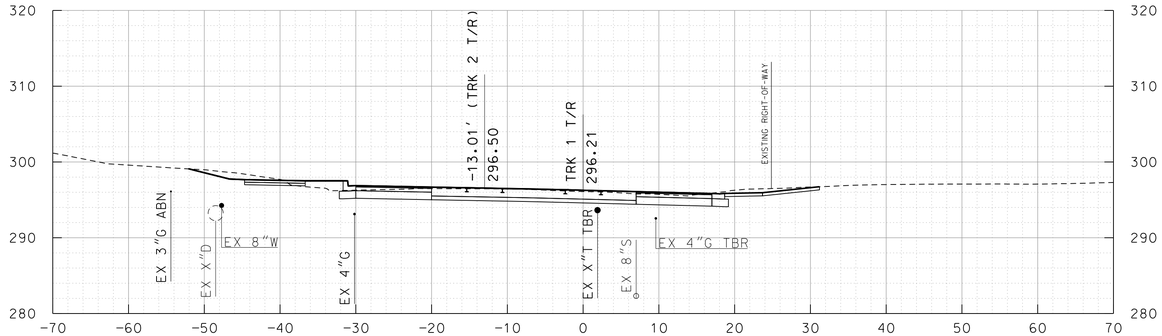
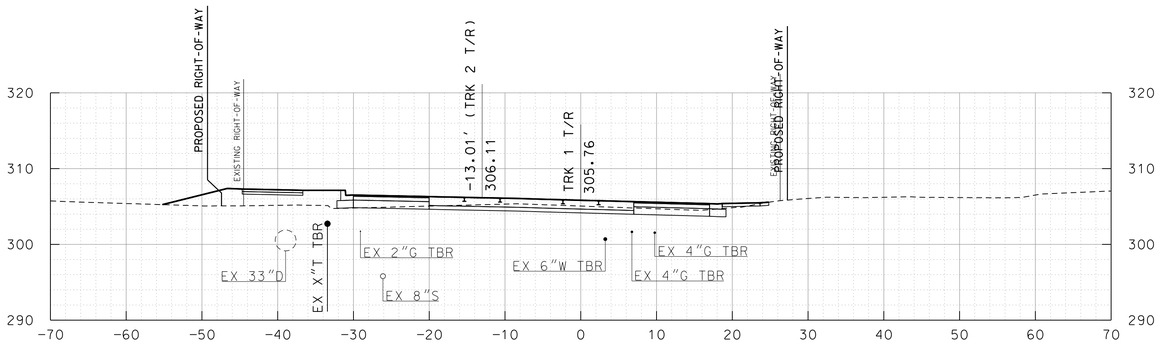
12/10/2013



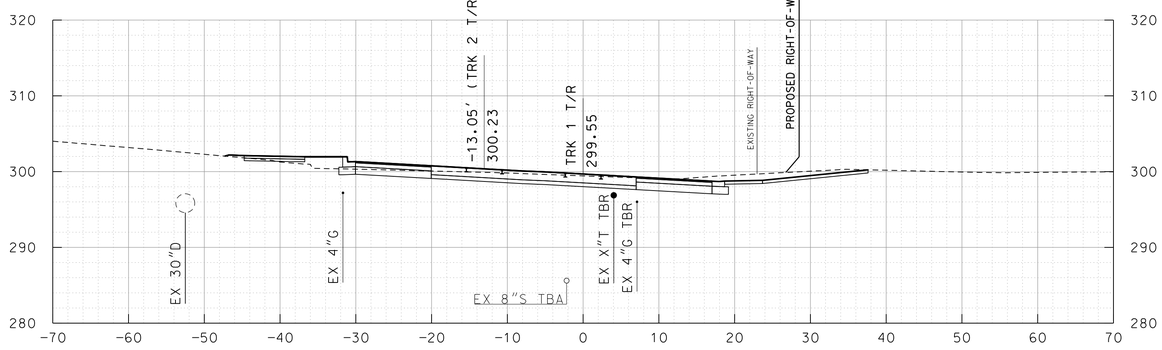
369+35



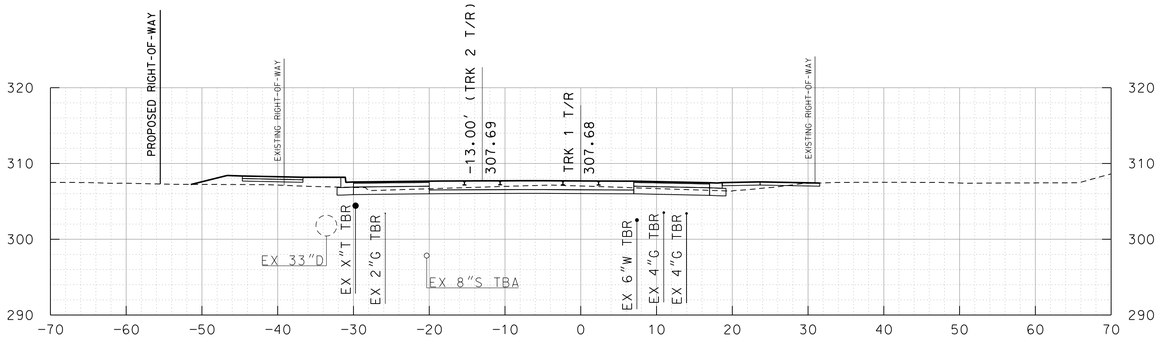
371+61



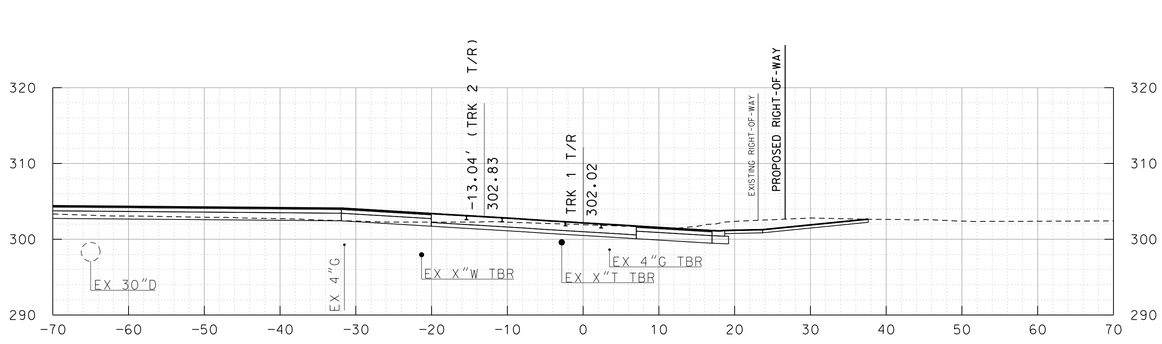
368+66



370+91



368+04



370+12

10' 0 10' 20'
SCALE: 1"=10'

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS
STA TRK 1 368+04 TO STA TRK 1 371+61

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-589
SHEET NO. 598 OF 736

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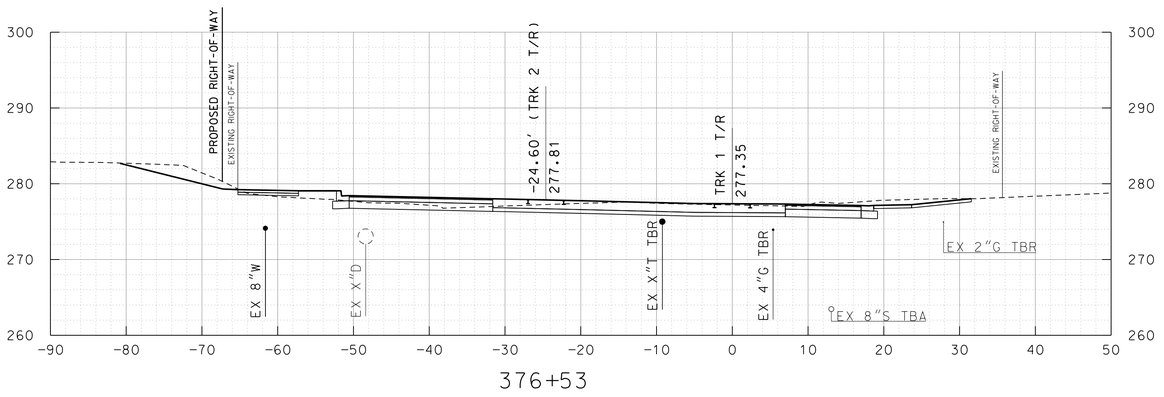
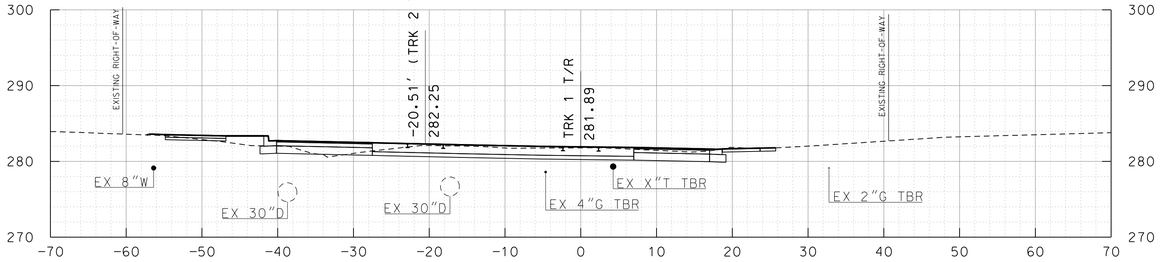
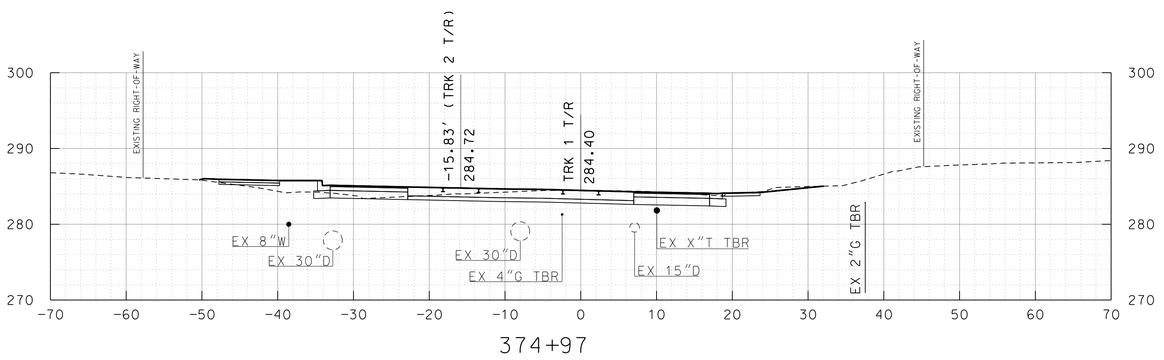
12/10/2013



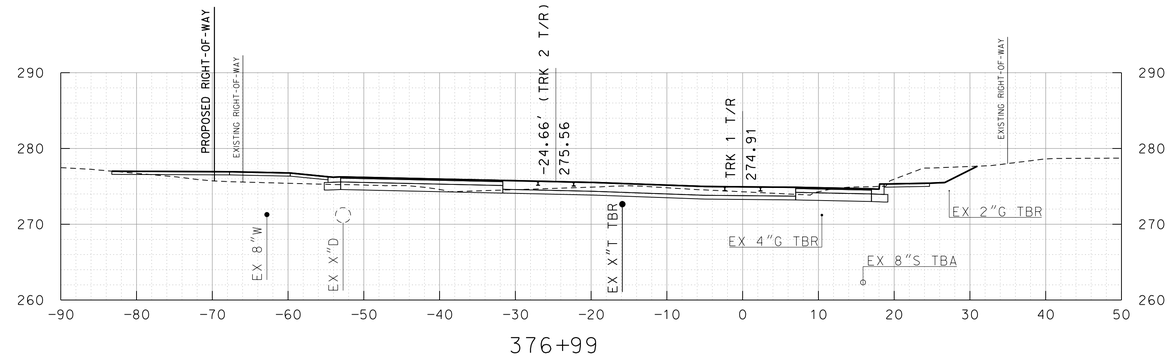
376+53



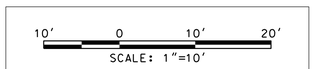
375+62



374+97



376+99



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS

STA TRK 1 374+97 TO STA TRK 1 376+99

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-590

SHEET NO. 599 OF 736

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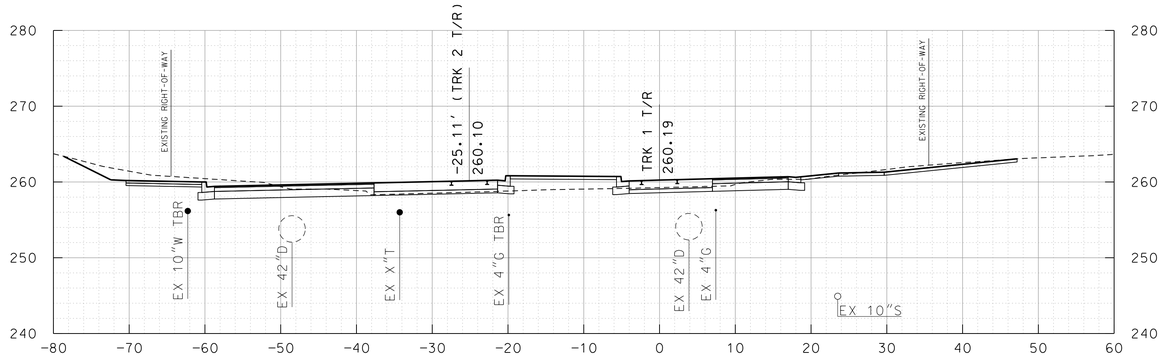
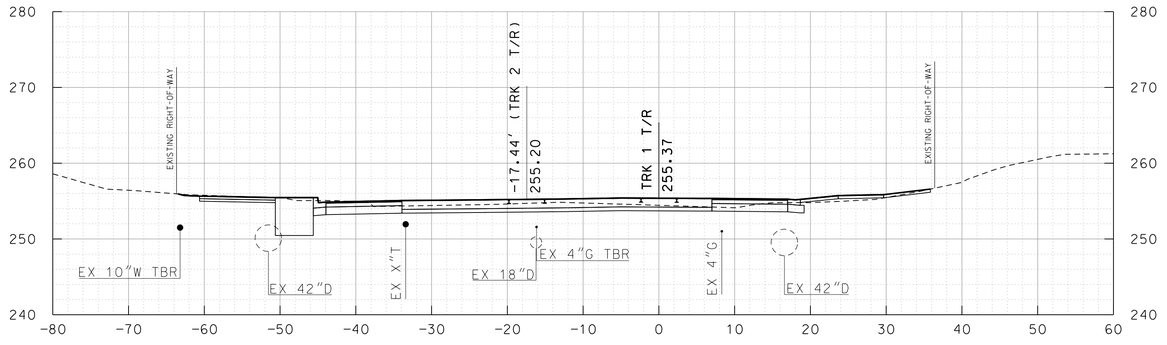
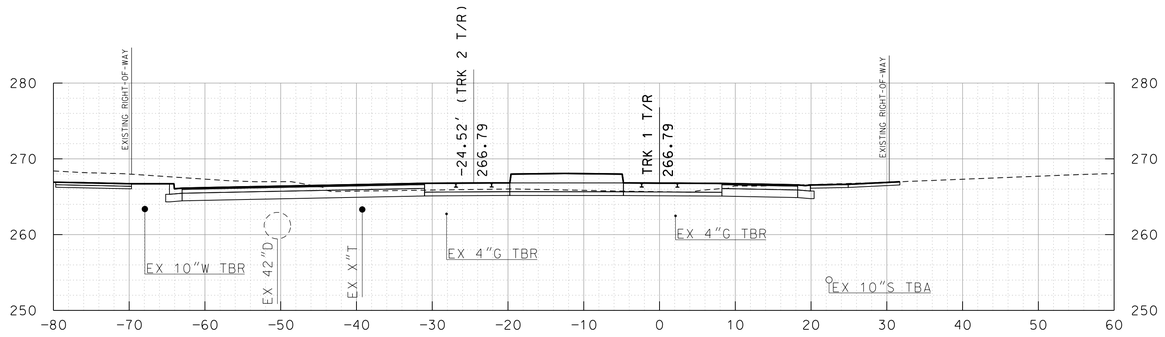
12/10/2013



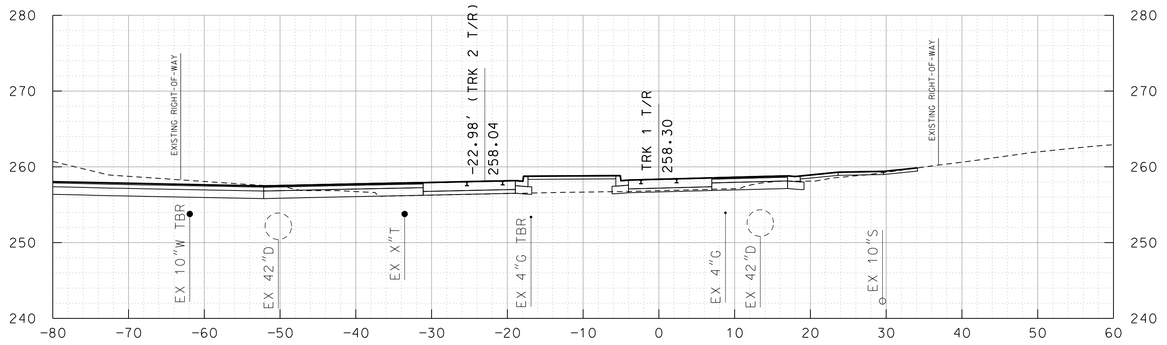
383+33



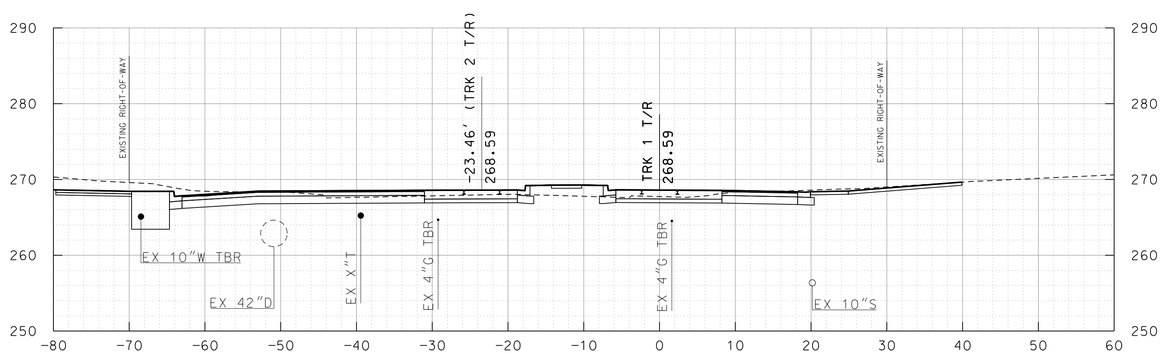
385+42



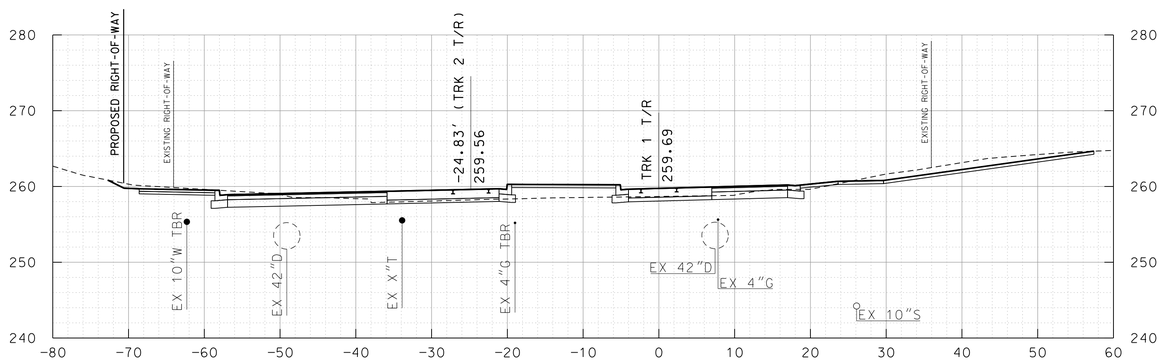
380+03



384+25



379+13



383+58

10' 0 10' 20'
SCALE: 1"=10'

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Gannett Fleming
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DESIGN
DRAWN
CHECK
APPR

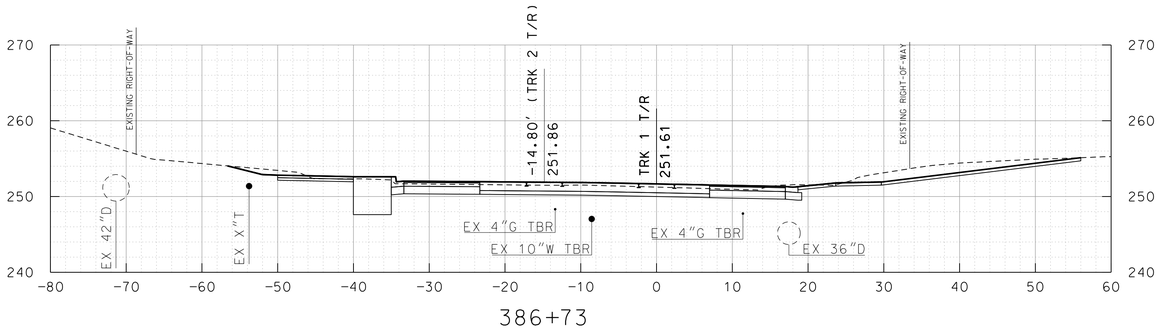
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS
STA TRK 1 379+13 TO STA TRK 1 385+42

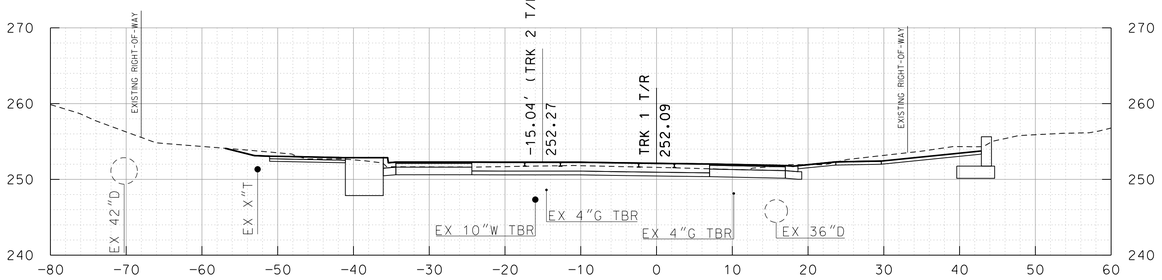
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-591
SHEET NO. 600 OF 736

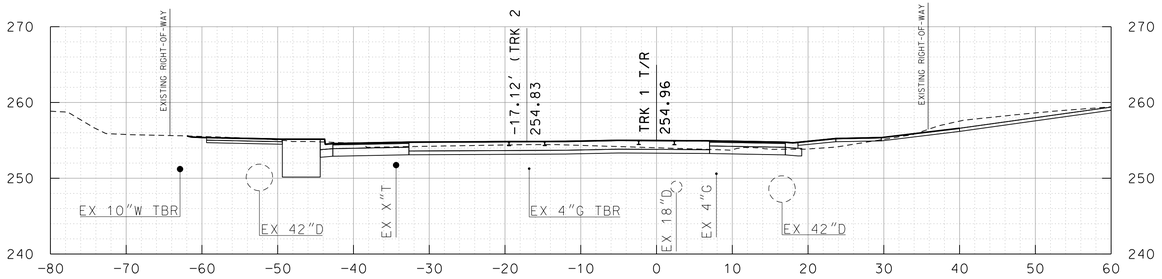
c:\pwworking\mtapw\je-benjamin foltz\dms96322\1042pXS3351.dgn
12/10/2013



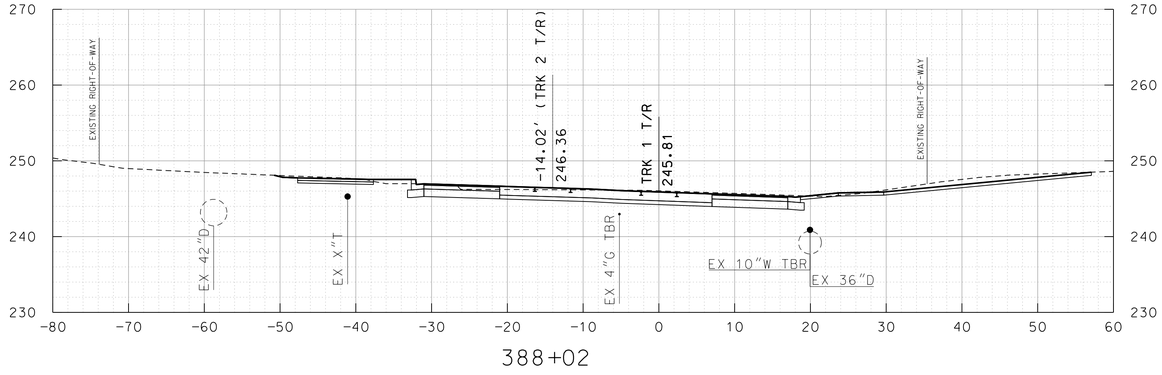
386+73



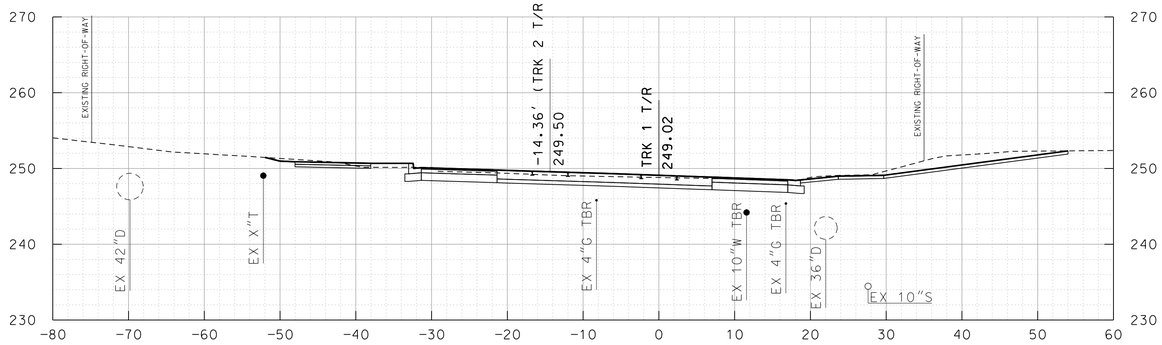
386+59



385+57



388+02



387+38

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

JACOBS

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS
STA TRK 1 385+57 TO STA TRK 1 388+02

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-592
SHEET NO. 601 OF 736

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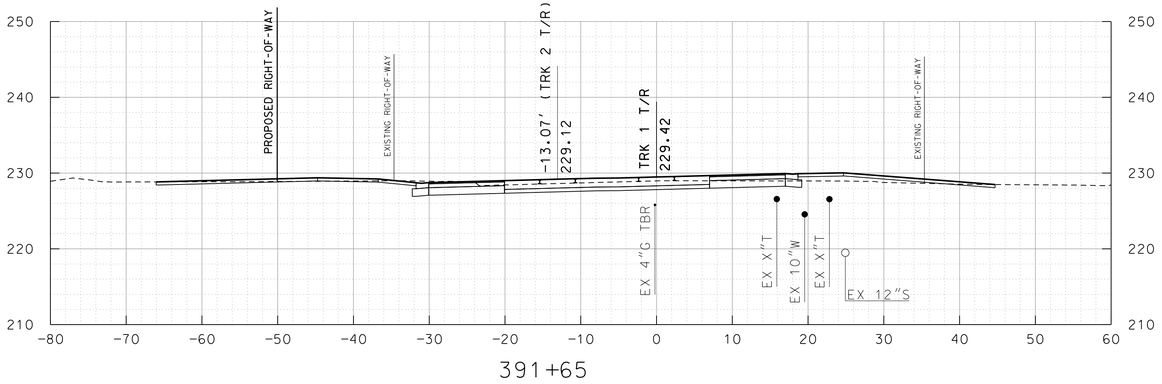
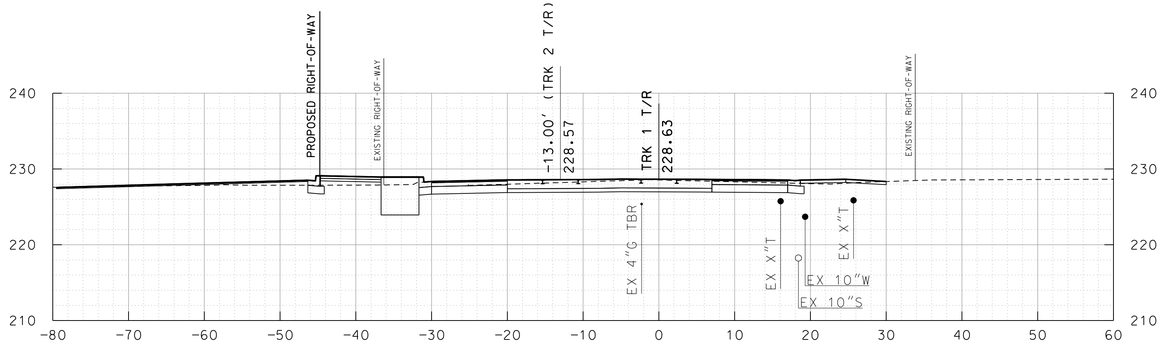
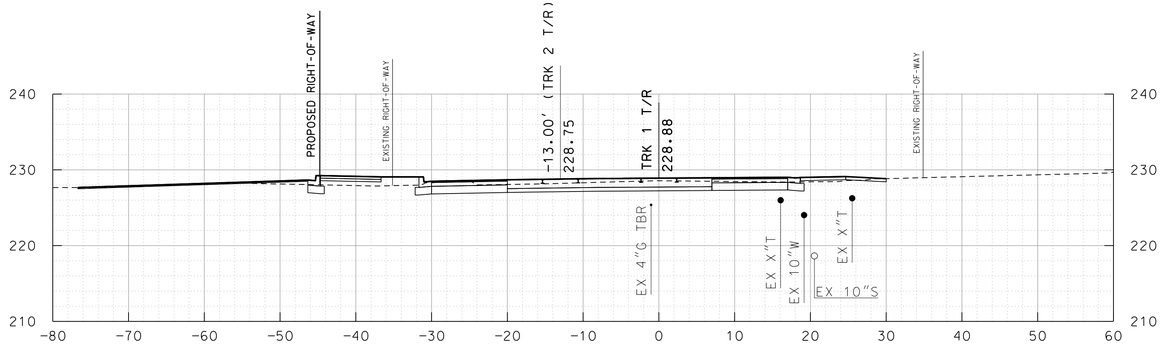
12/10/2013



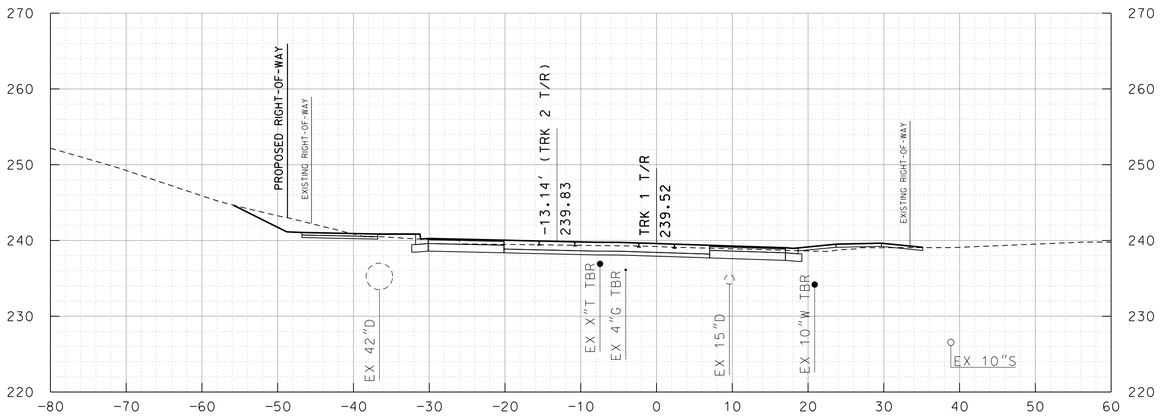
391+65



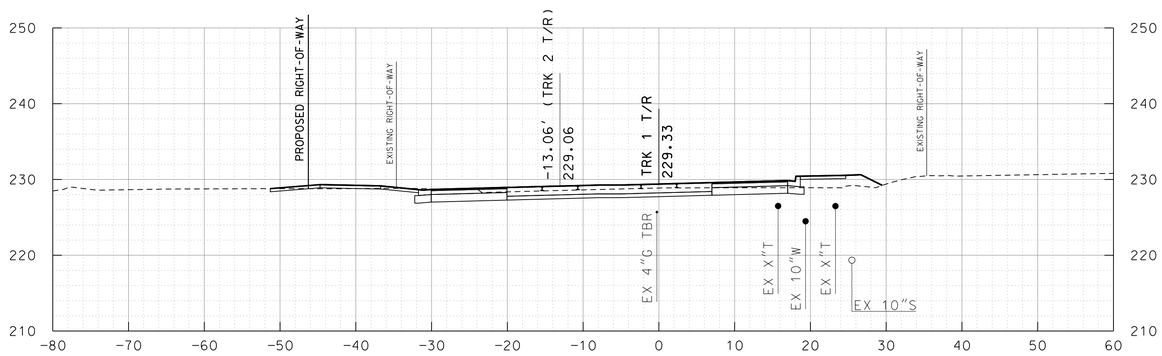
392+44



392+19



389+05



391+74

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION MTA Maryland

Gannett Fleming WR&A

JACOBS

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS
STA TRK 1 389+05 TO STA TRK 1 392+44

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-593
SHEET NO. 602 OF 736

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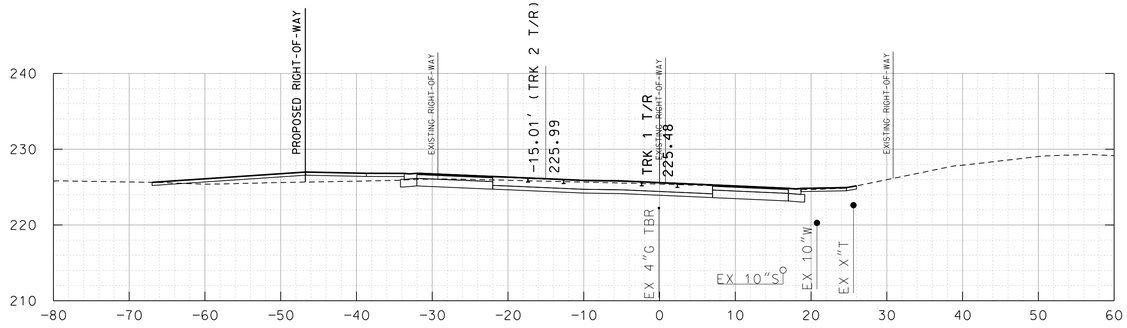
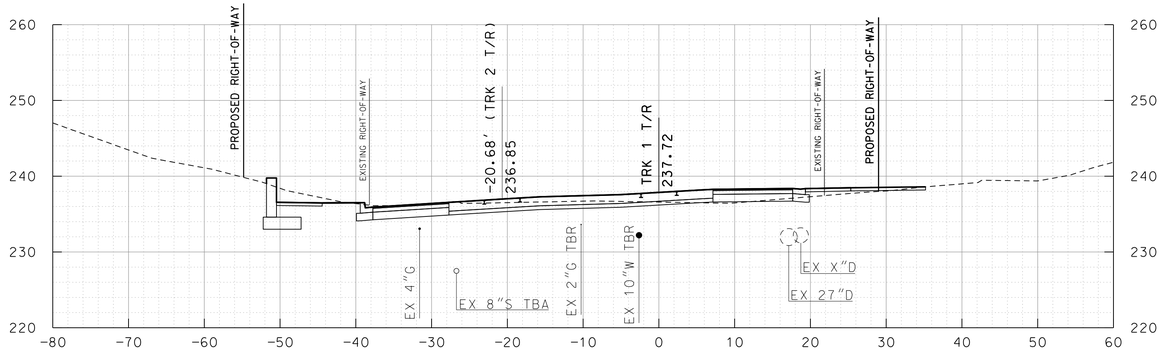
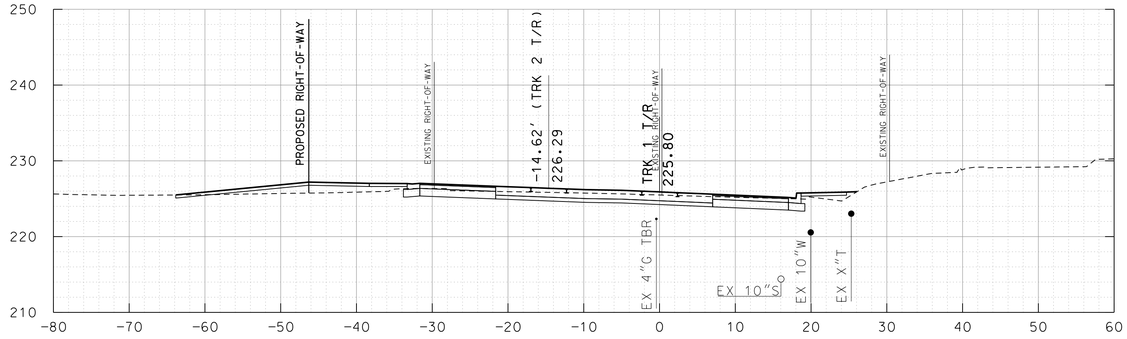
12/10/2013



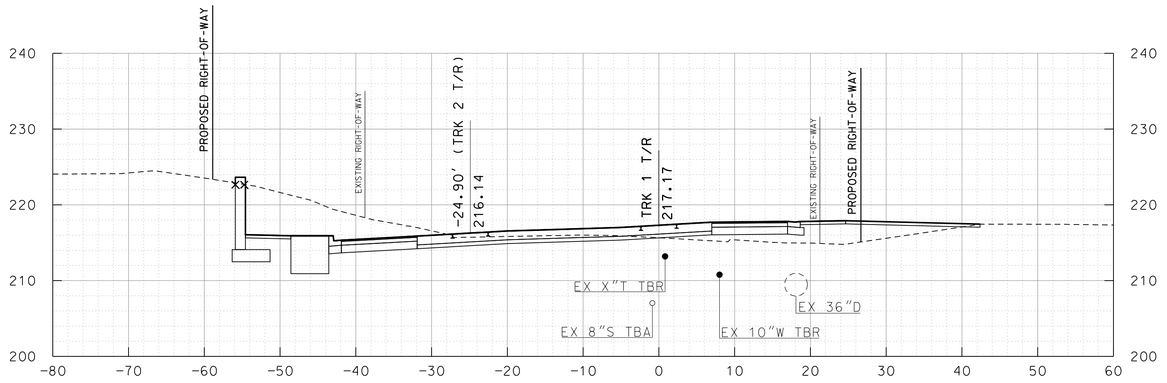
394+07



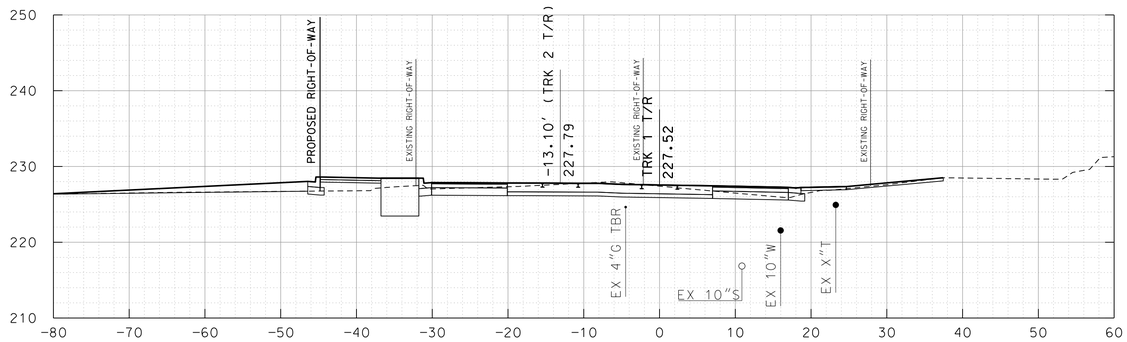
403+31



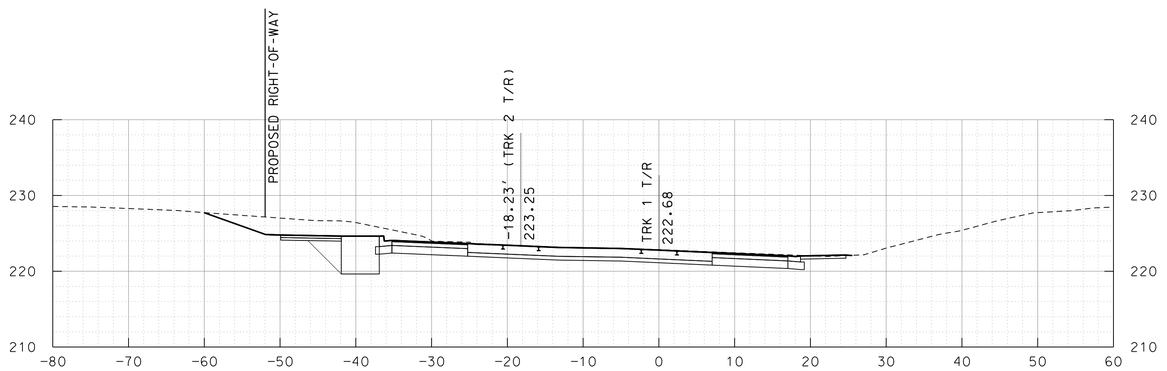
393+98



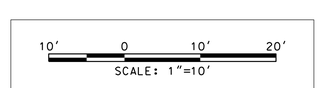
399+53



393+34



TRK 1 394+72



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS
STA TRK 1 393+34 TO STA TRK 1 403+31

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-594
SHEET NO. 603 OF 736

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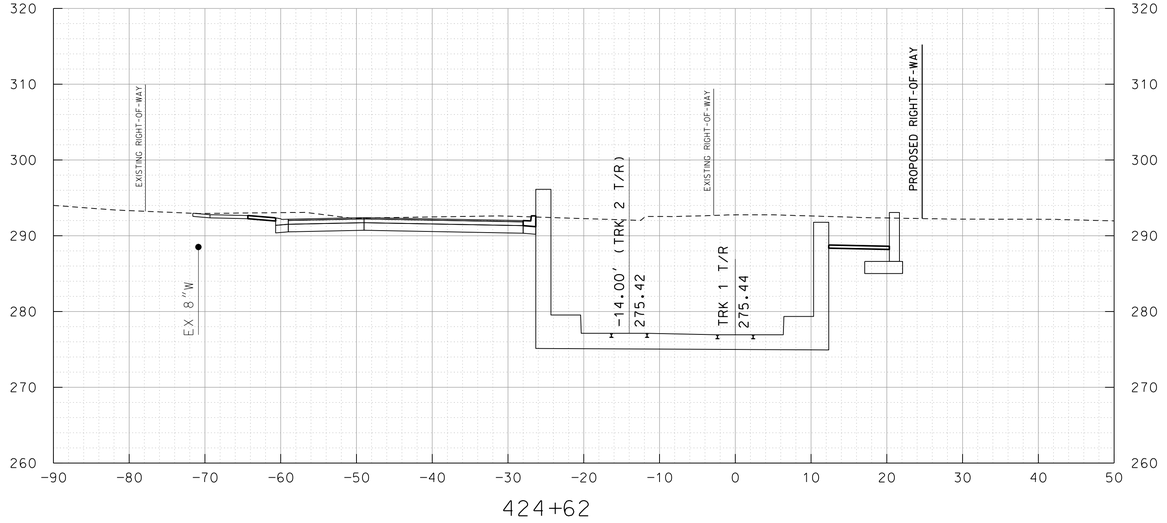
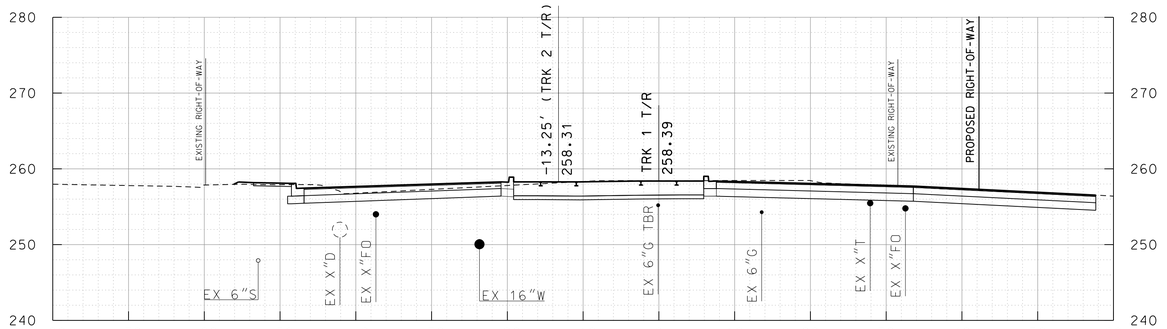
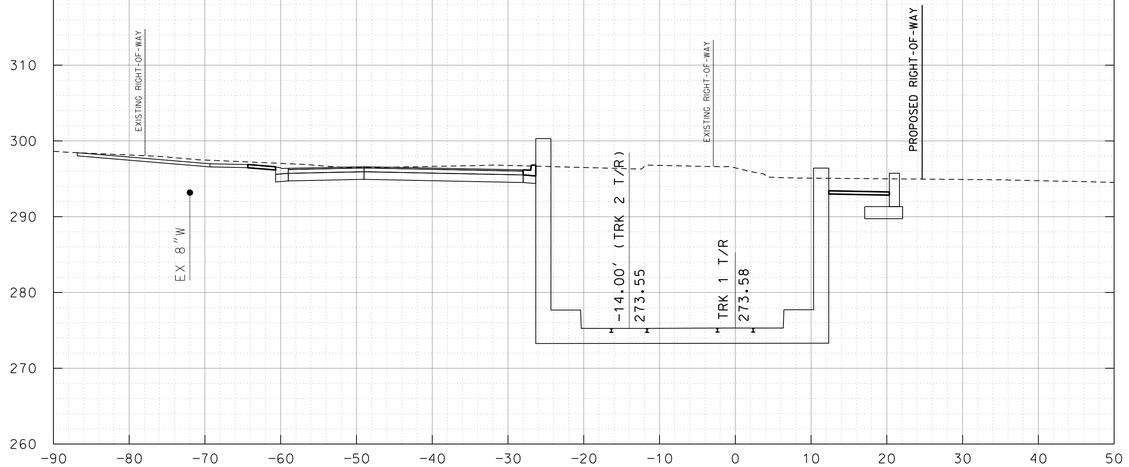
12/10/2013



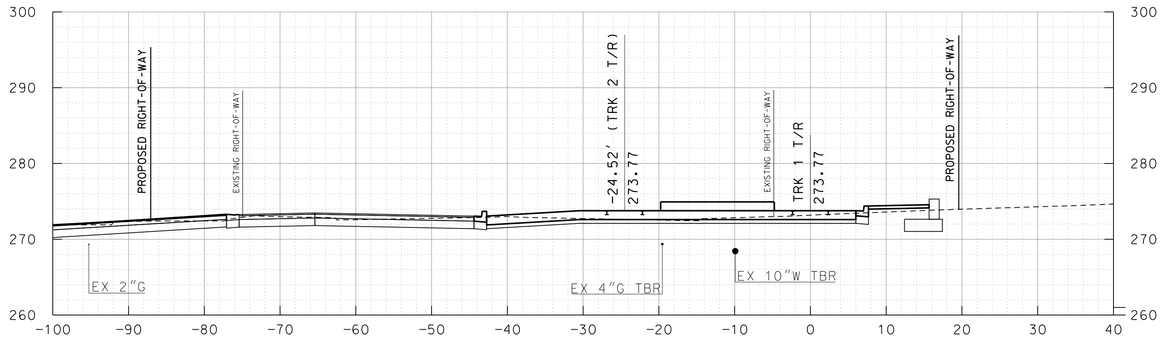
424+62



437+86



424+00



431+05

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS
STA TRK 1 424+00 TO STA TRK 1 437+86

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-595
SHEET NO. 604 OF 736

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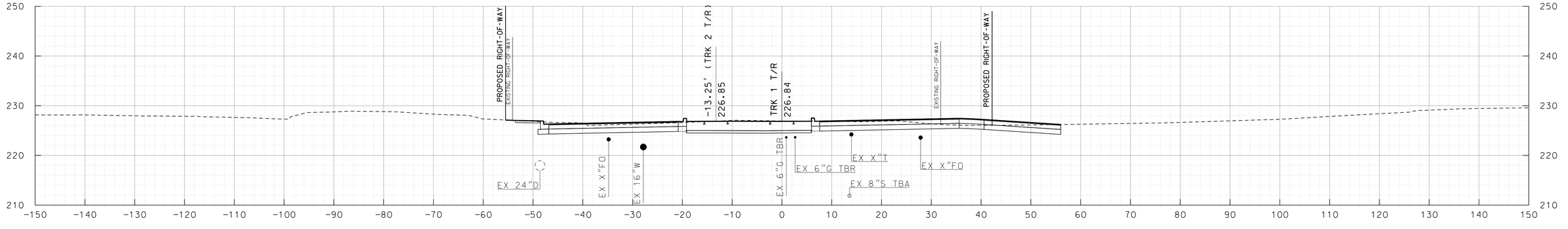
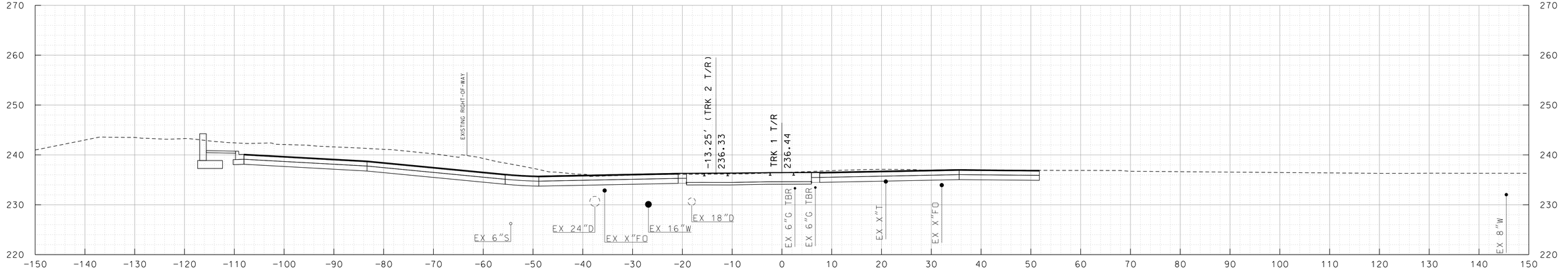
12/10/2013



443+62



441+06

10' 0 10' 20'
SCALE: 1"=10'

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DESGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS
STA TRK 1 441+06 TO STA TRK 1 443+62

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-596
SHEET NO. 605 OF 736

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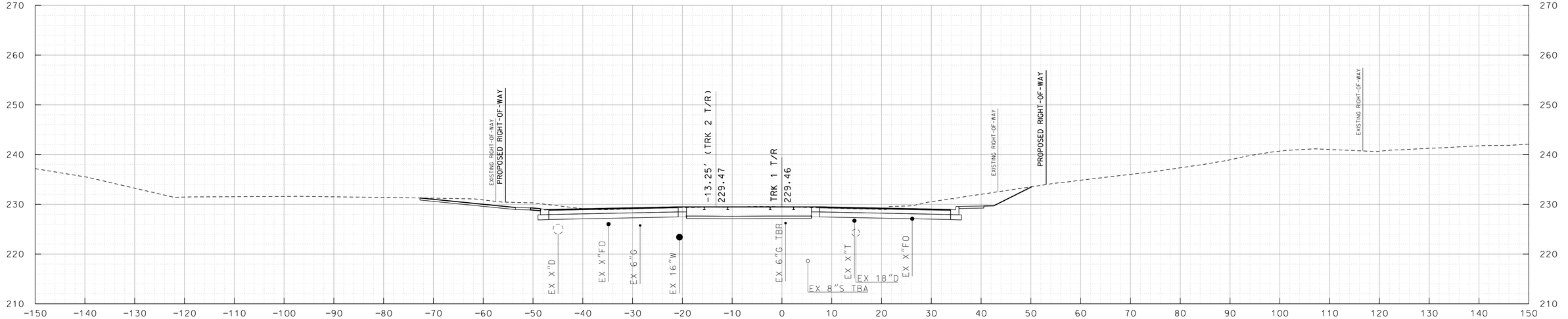
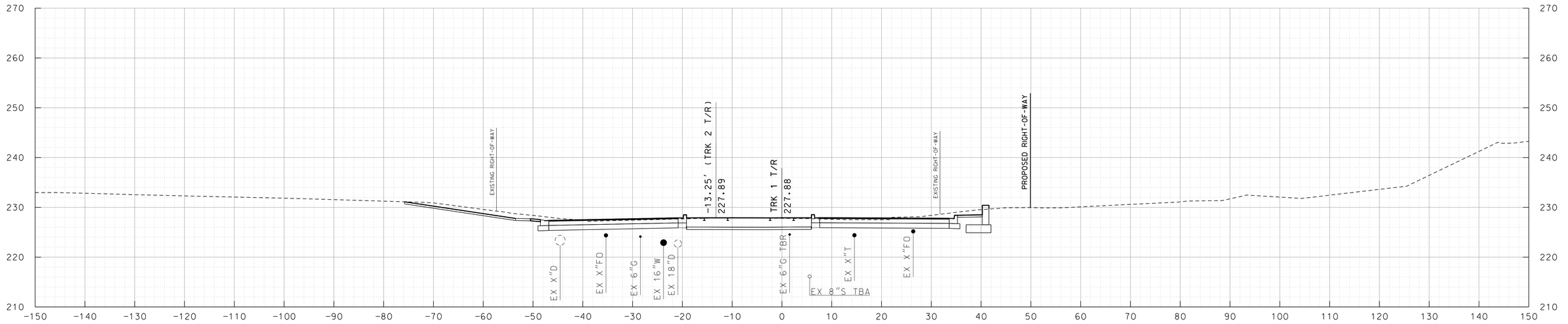
12/10/2013





10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS
STA TRK 1 444+49 TO STA TRK 1 444+99
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-597
SHEET NO. 606 OF 736

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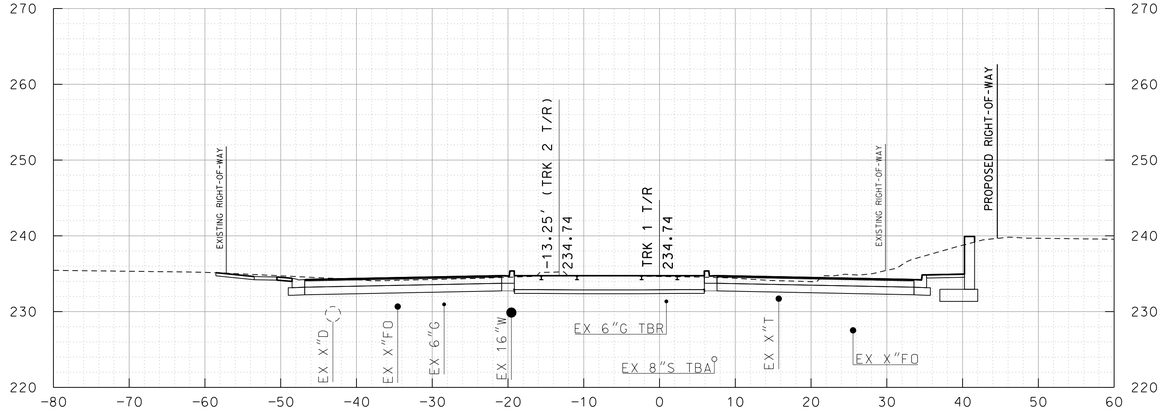
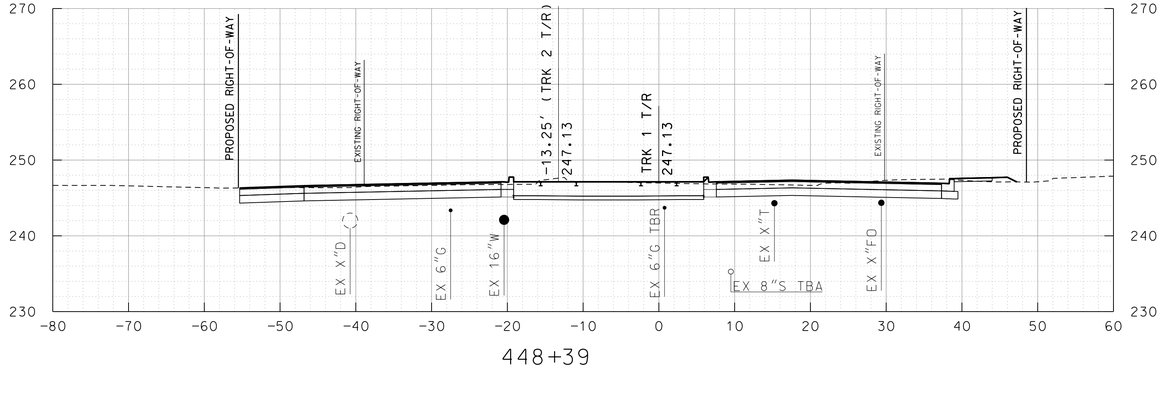
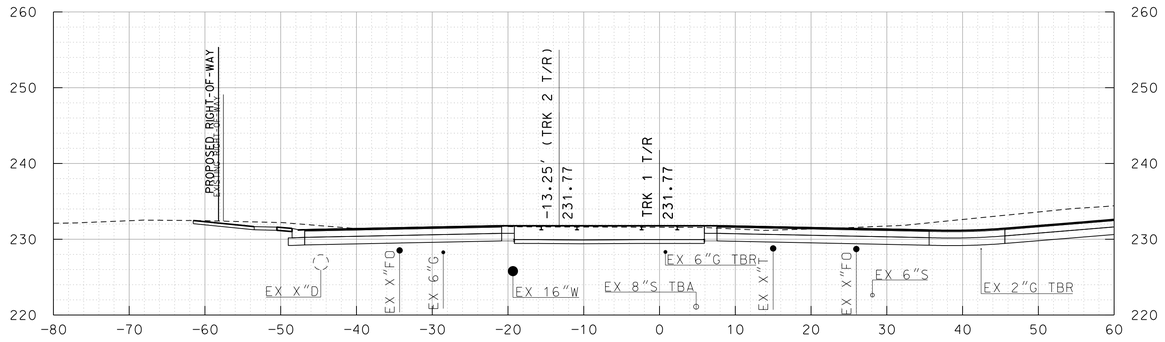


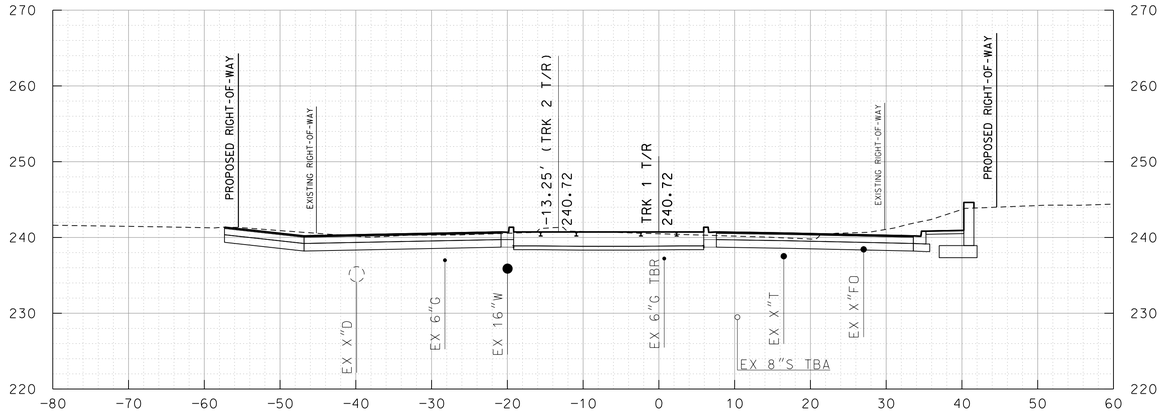
446+05



448+39



445+49



447+18

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS
STA TRK 1 445+49 TO STA TRK 1 448+39

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-598
SHEET NO. 607 OF 736

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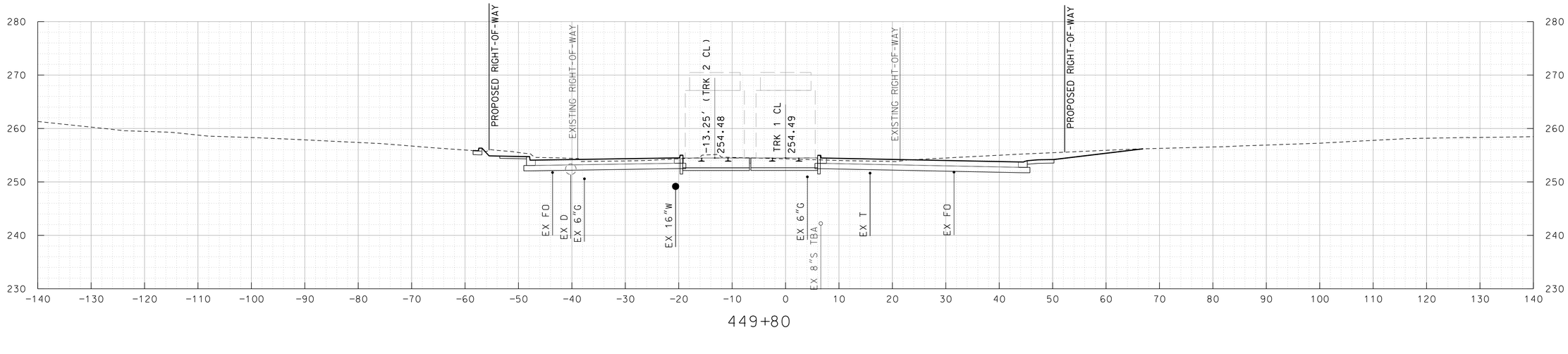
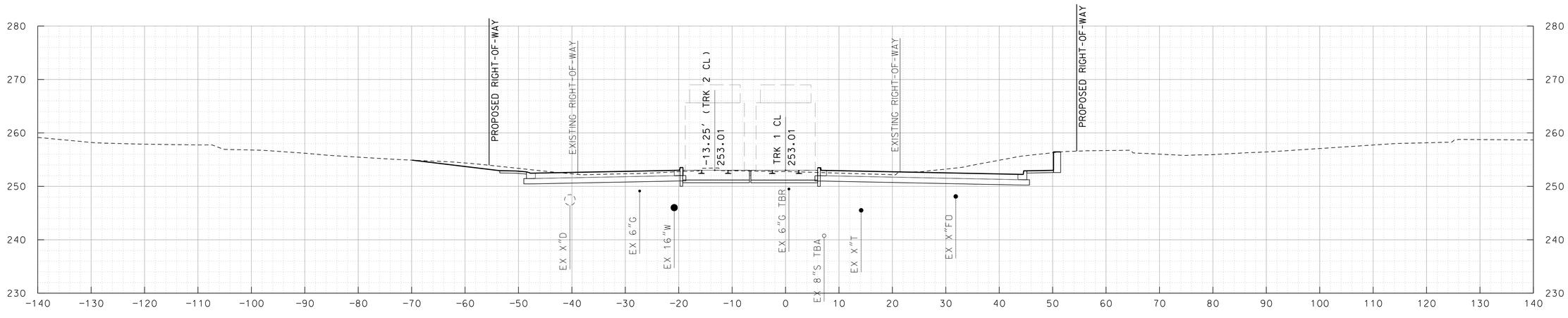
12/10/2013



449+80



449+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
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DESGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS
STA TRK 1 449+50 TO STA TRK 1 449+80

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO.
T-1042-0220
DRAWING NO.
XS-599
SHEET NO.
608 OF 736

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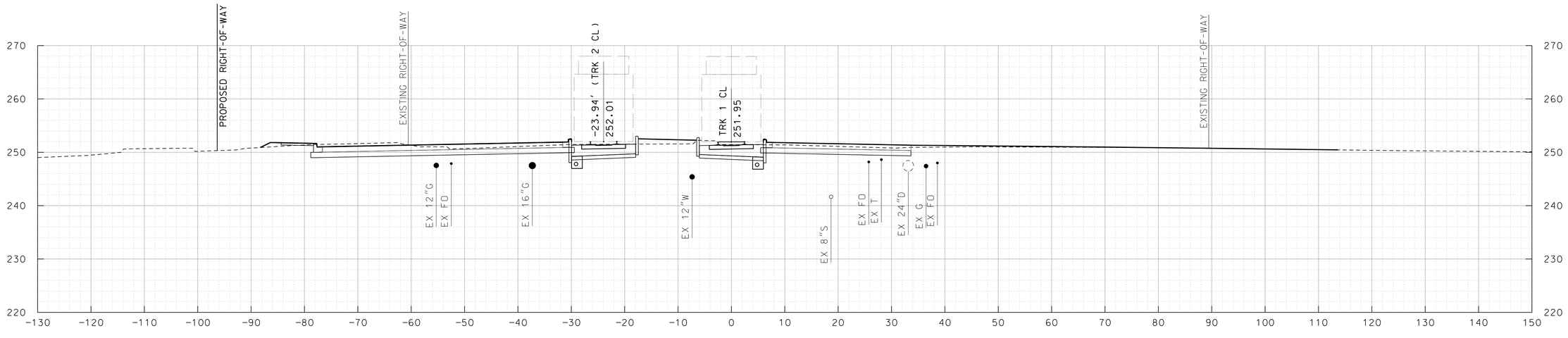
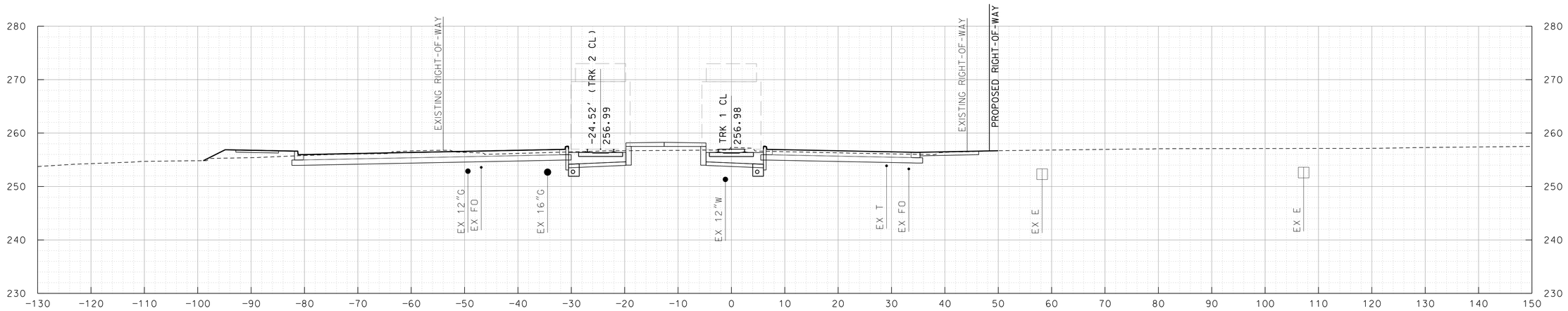
12/12/2013



455+85



452+70

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

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DESGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS
STA TRK 1 452+70 TO STA TRK 1 455+85

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-600
SHEET NO. 609 OF 736

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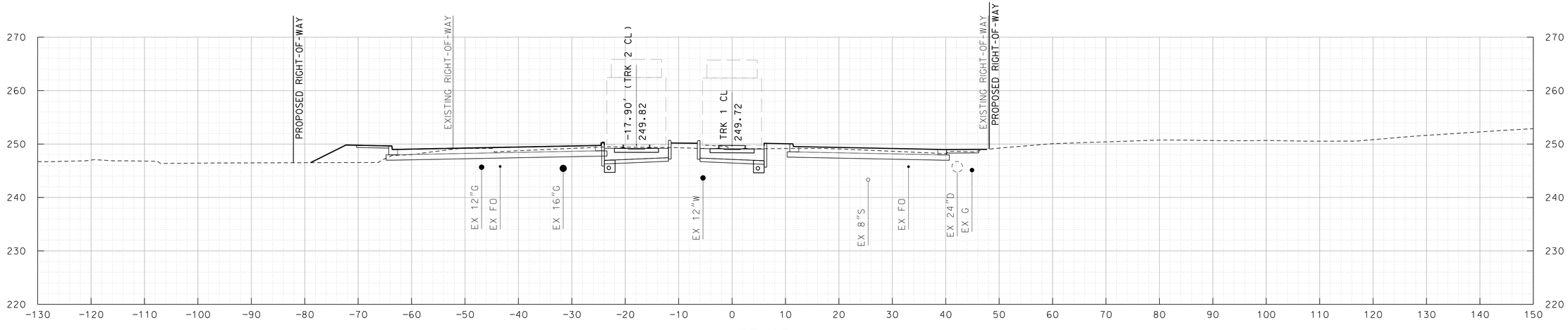
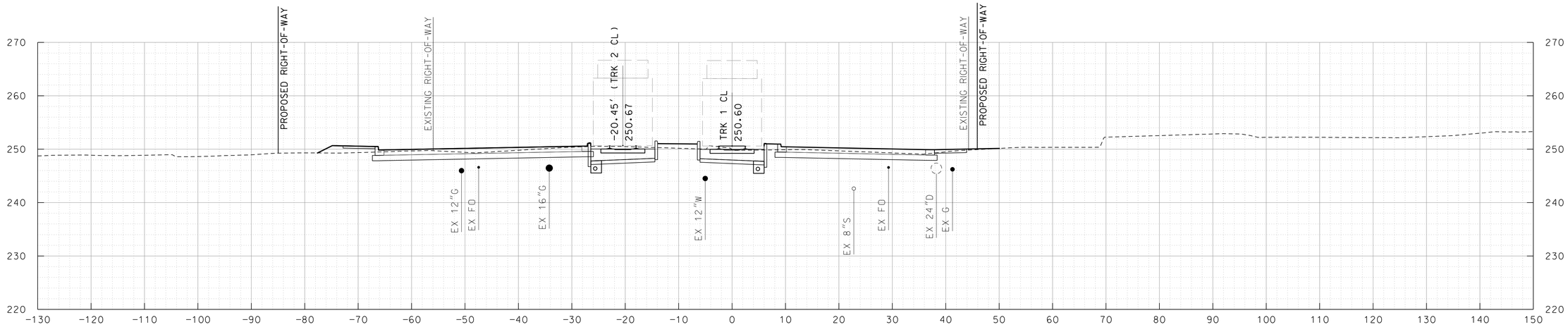
12/12/2013



457+25



456+70

10' 0 10' 20'

SCALE: 1"=10'

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS

STA TRK 1 456+70 TO STA TRK 1 457+25

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-601

SHEET NO. 610 OF 736

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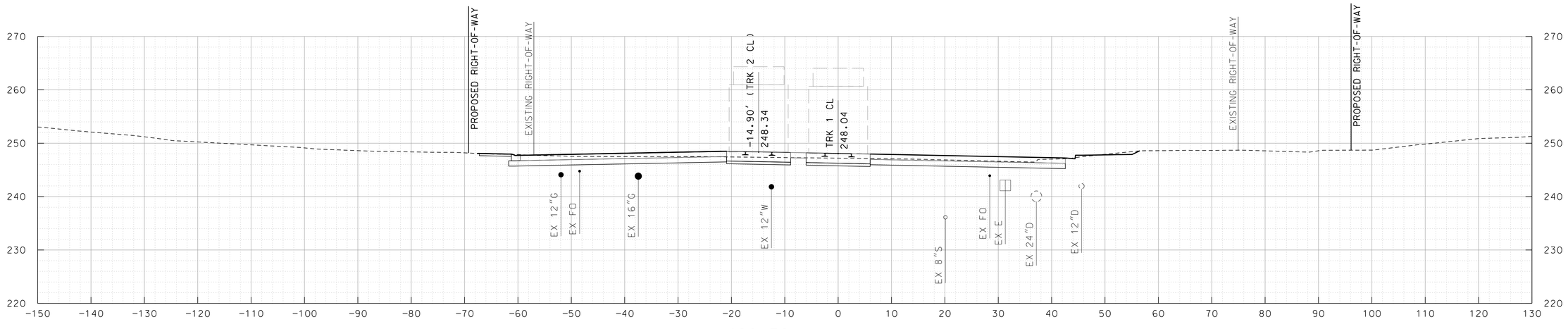
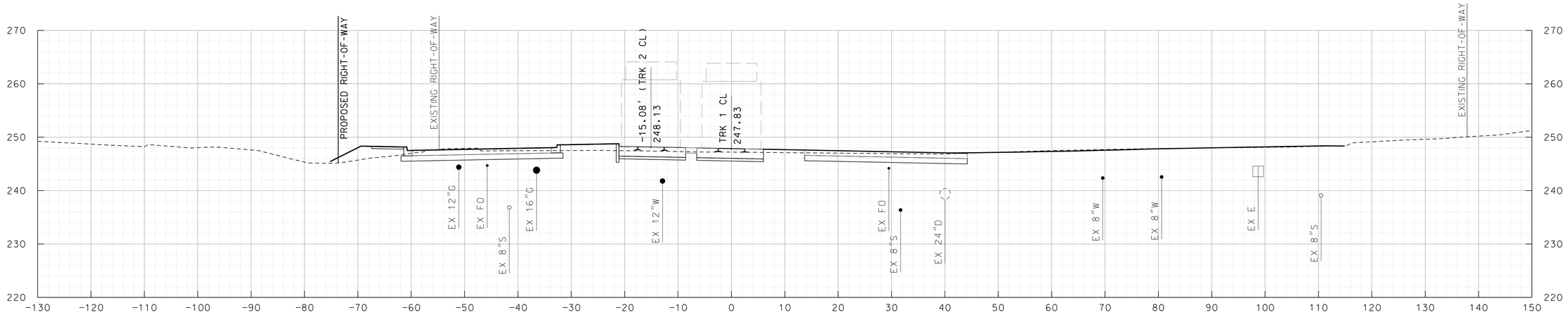
12/12/2013



460+70



460+20

10' 0 10' 20'

SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

PROFESSIONAL CERTIFICATION

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS

STA TRK 1 460+20 TO STA TRK 1 460+70

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-602

SHEET NO. 611 OF 736

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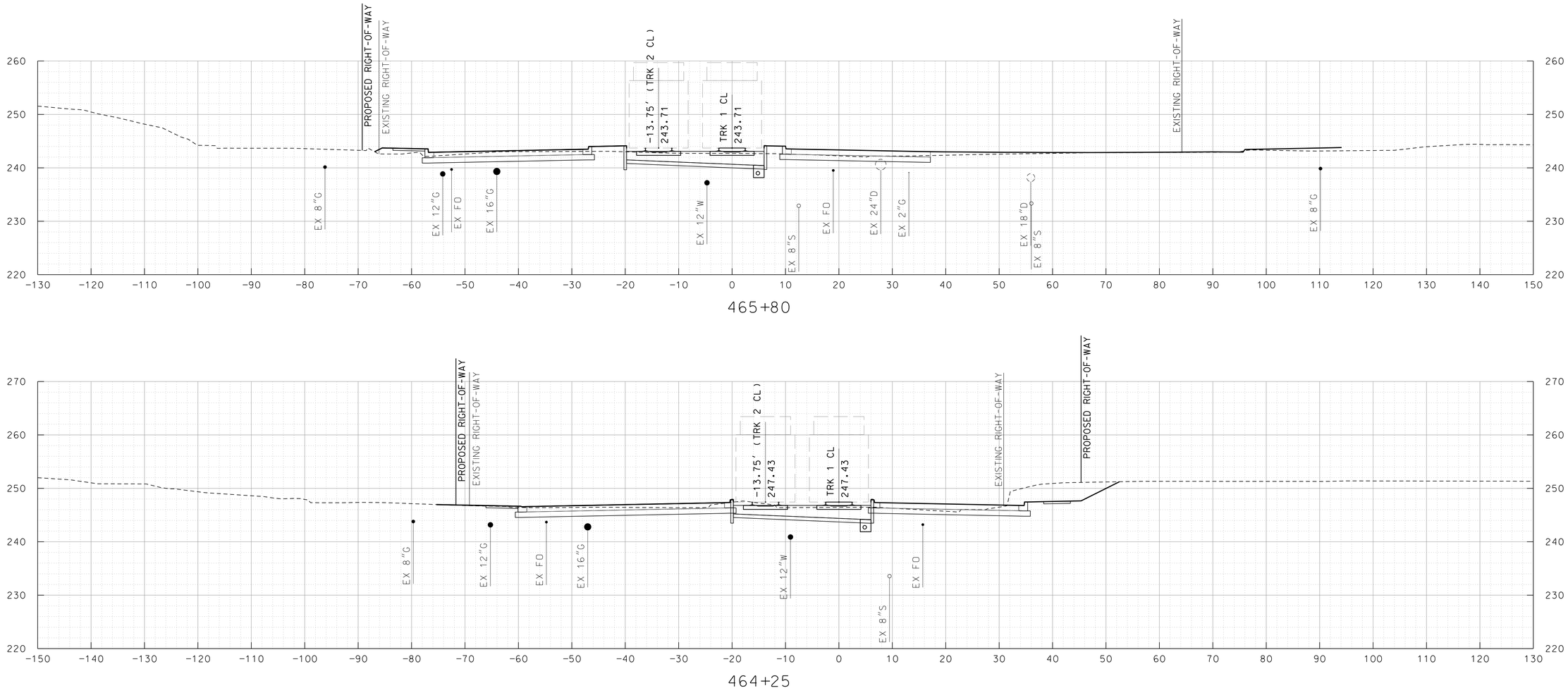
12/12/2013



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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS
STA TRK 1 464+25 TO STA TRK 1 465+80

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-603
SHEET NO. 612 OF 736

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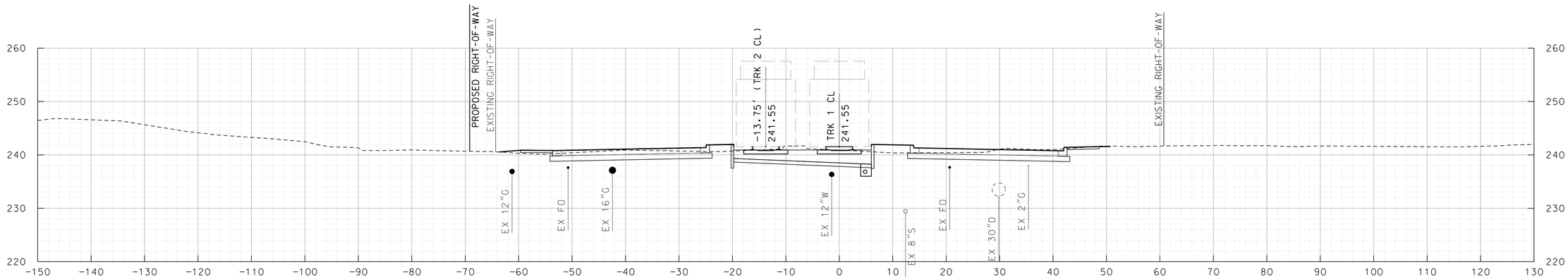
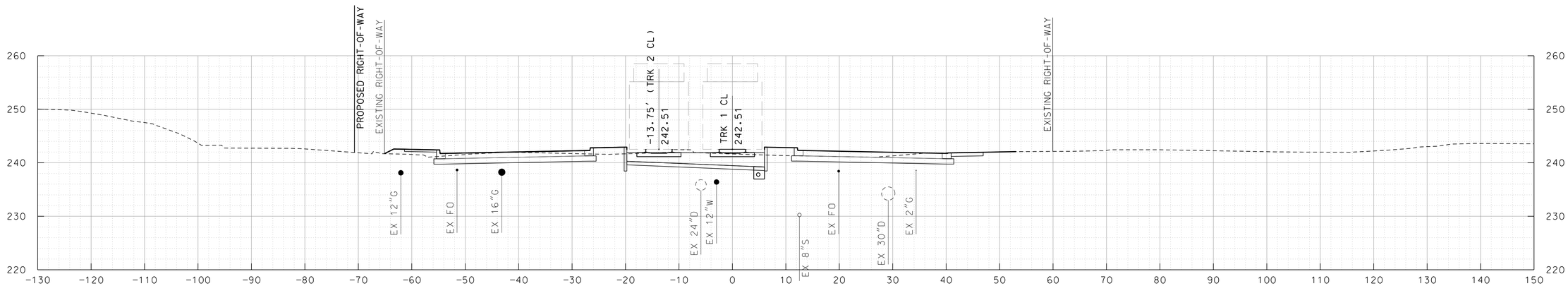
12/12/2013



466+70



466+30

10' 0 10' 20'
SCALE: 1"=10'

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MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS
STA TRK 1 466+30 TO STA TRK 1 466+70

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-604
SHEET NO. 613 OF 736

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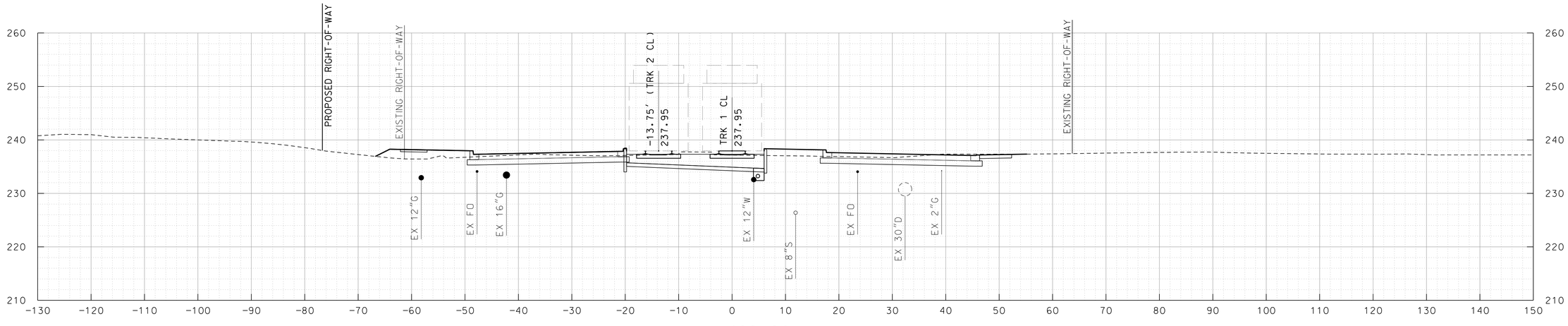
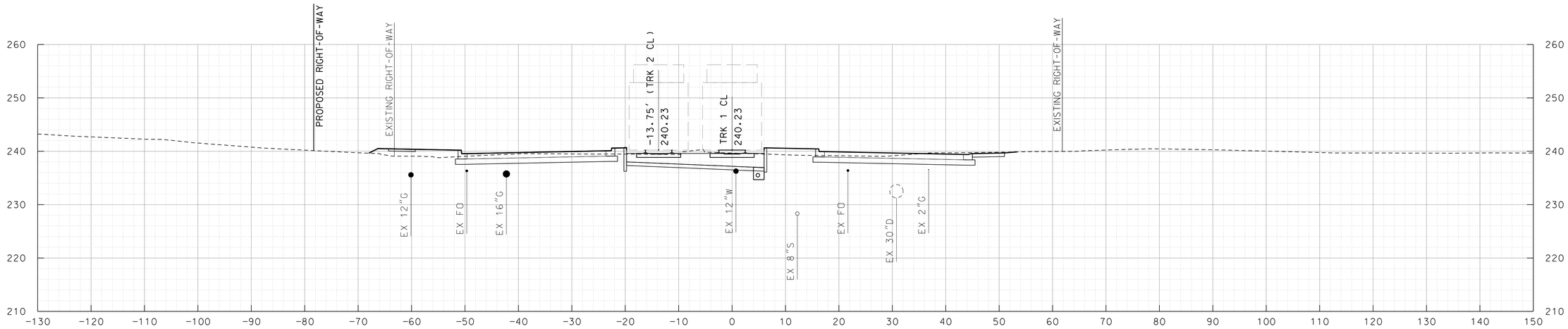
12/12/2013



468+20



467+25

10' 0 10' 20'

SCALE: 1"=10'

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS

STA TRK 1 467+25 TO STA TRK 1 468+20

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-605

SHEET NO. 614 OF 736

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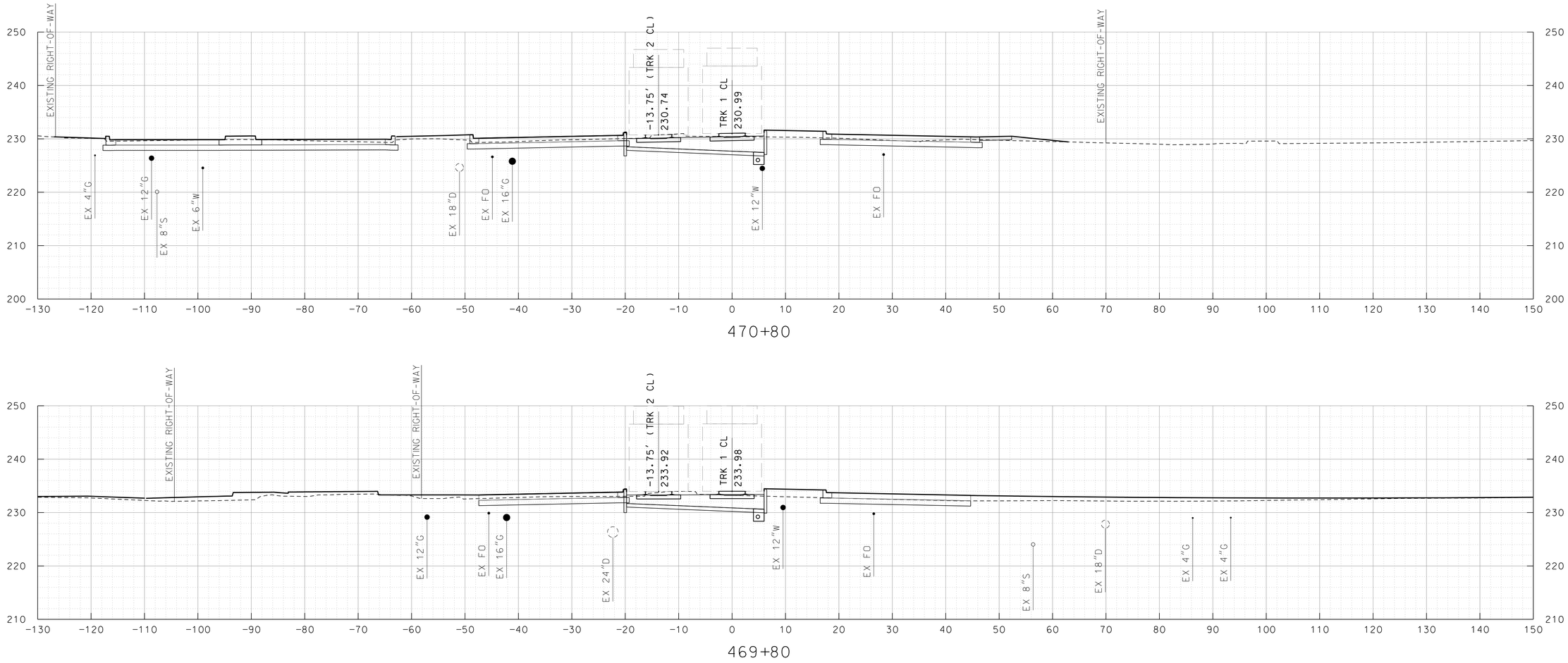
12/12/2013



470+80

469+80

10' 0 10' 20'
SCALE: 1"=10'

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MTA Maryland

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS
STA TRK 1 469+80 TO STA TRK 1 470+80

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-606
SHEET NO. 615 OF 736

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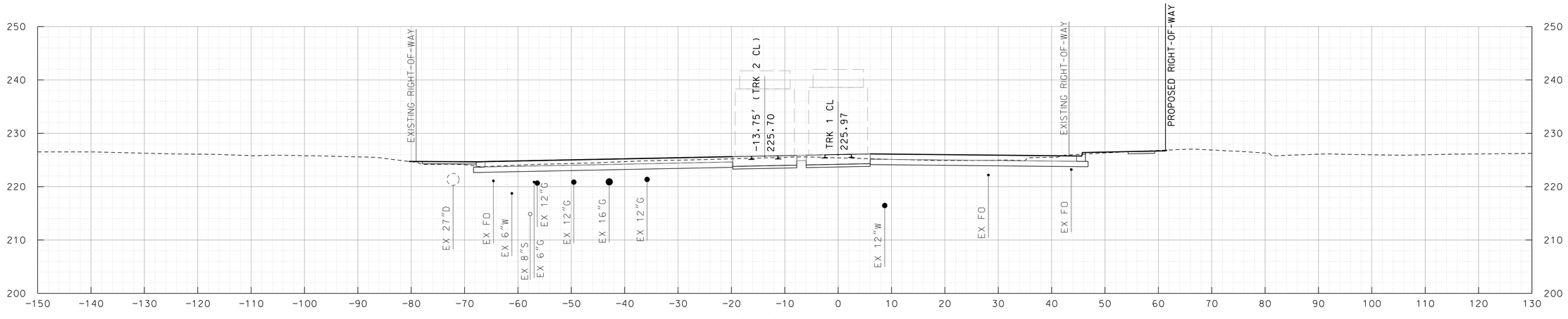
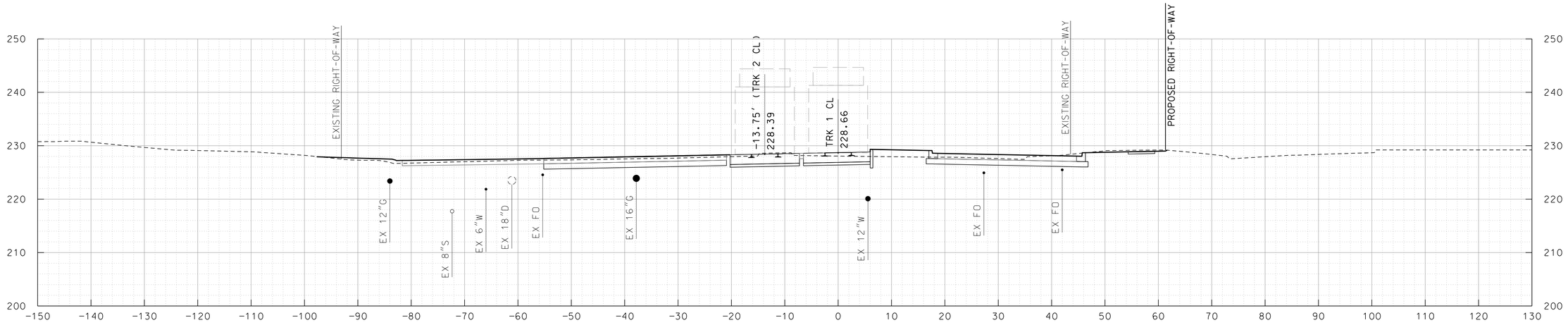
12/12/2013



472+30



471+50

10' 0 10' 20'

SCALE: 1"=10'

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS

STA TRK 1 471+50 TO STA TRK 1 472+30

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-607

SHEET NO. 616 OF 736

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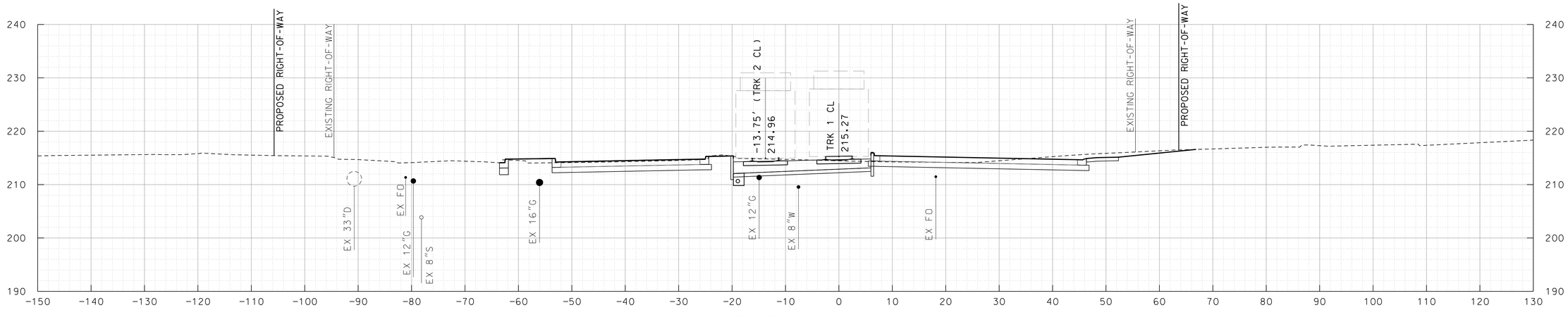
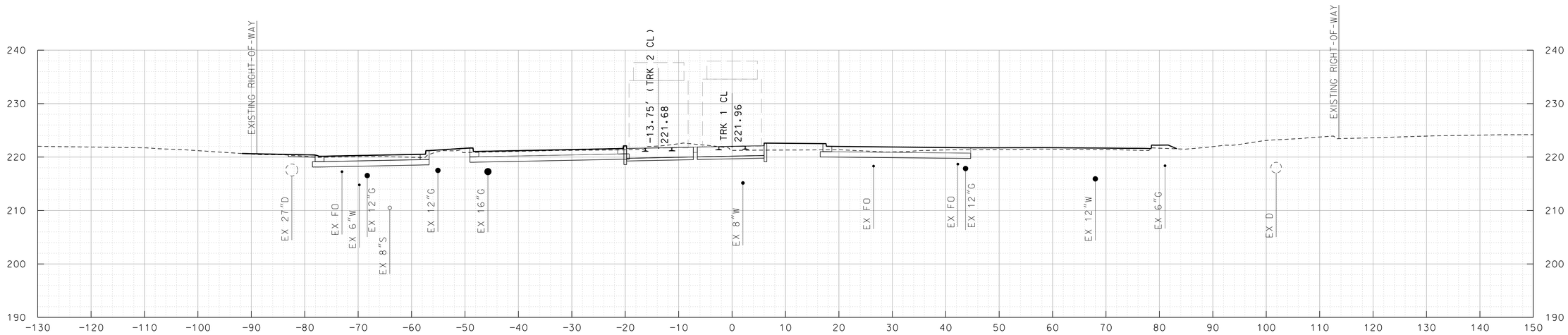
12/12/2013



476+30



473+50

10' 0 10' 20'
SCALE: 1"=10'

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DESGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS
STA TRK 1 473+50 TO STA TRK 1 476+30

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-608
SHEET NO. 617 OF 736

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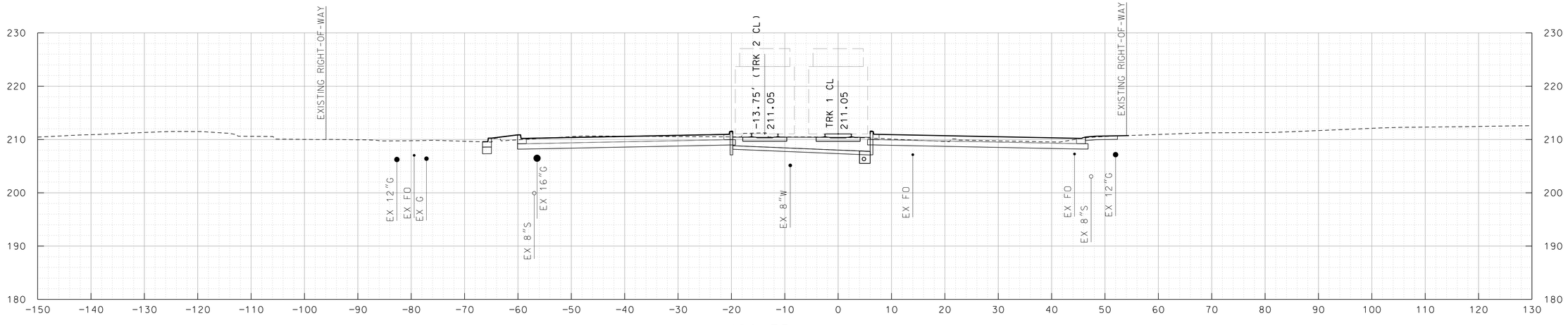
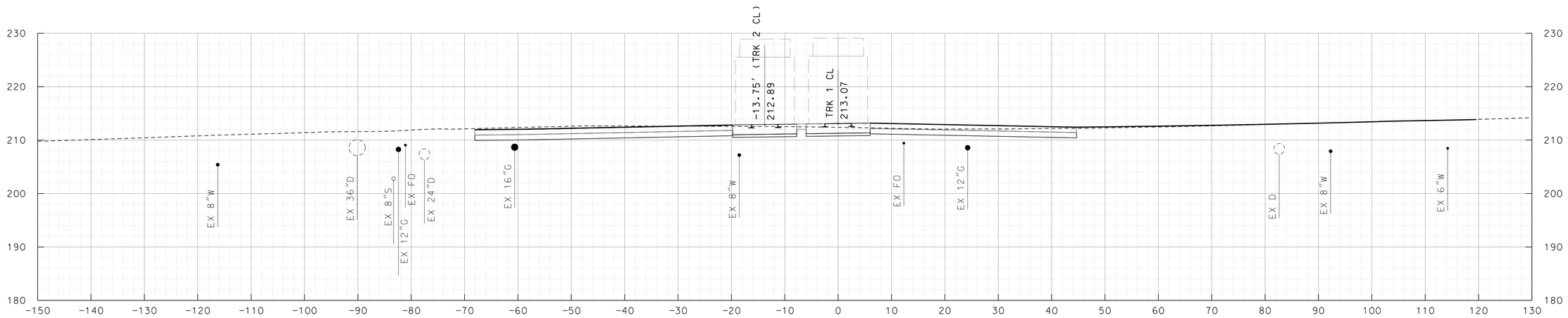
12/12/2013



480+75



478+50

10' 0 10' 20'

SCALE: 1"=10'

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS

STA TRK 1 478+50 TO STA TRK 1 480+75

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-609

SHEET NO. 618 OF 736

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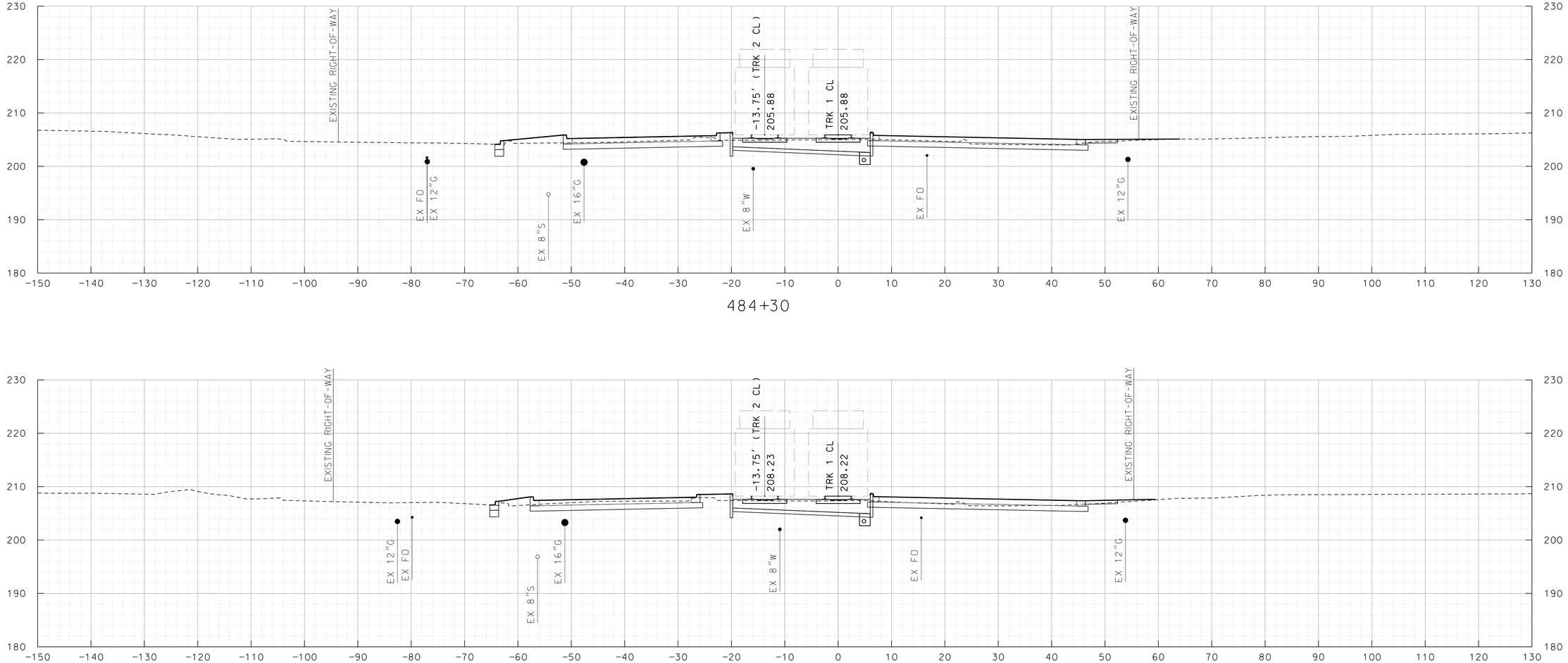
12/12/2013



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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS
STA TRK 1 482+85 TO STA TRK 1 484+30

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-610
SHEET NO. 619 OF 736

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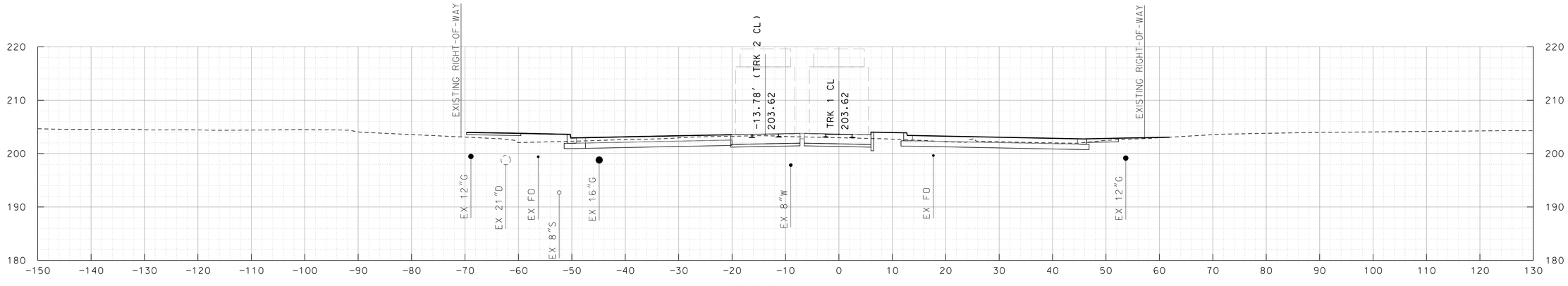
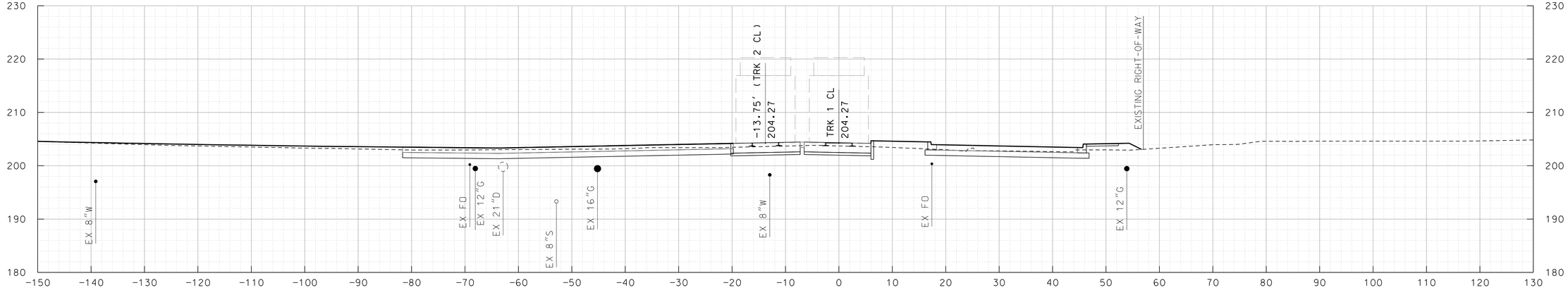
12/12/2013



485+70



485+30

10' 0 10' 20'
SCALE: 1"=10'

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DESGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS
STA TRK 1 485+30 TO STA TRK 1 485+70

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-611
SHEET NO. 620 OF 736

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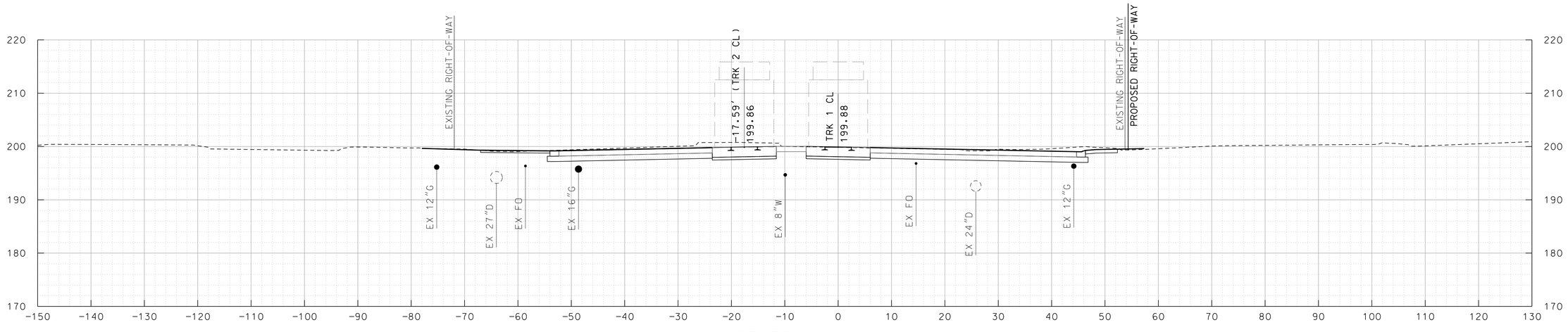
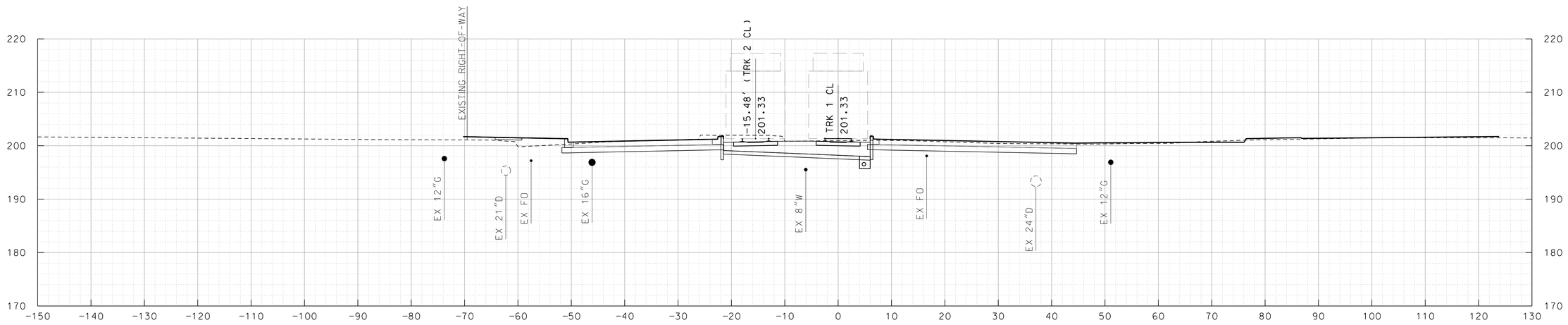
12/12/2013



487+75



487+00

10' 0 10' 20'

SCALE: 1"=10'

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS

STA TRK 1 487+00 TO STA TRK 1 487+75

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-612

SHEET NO. 621 OF 736

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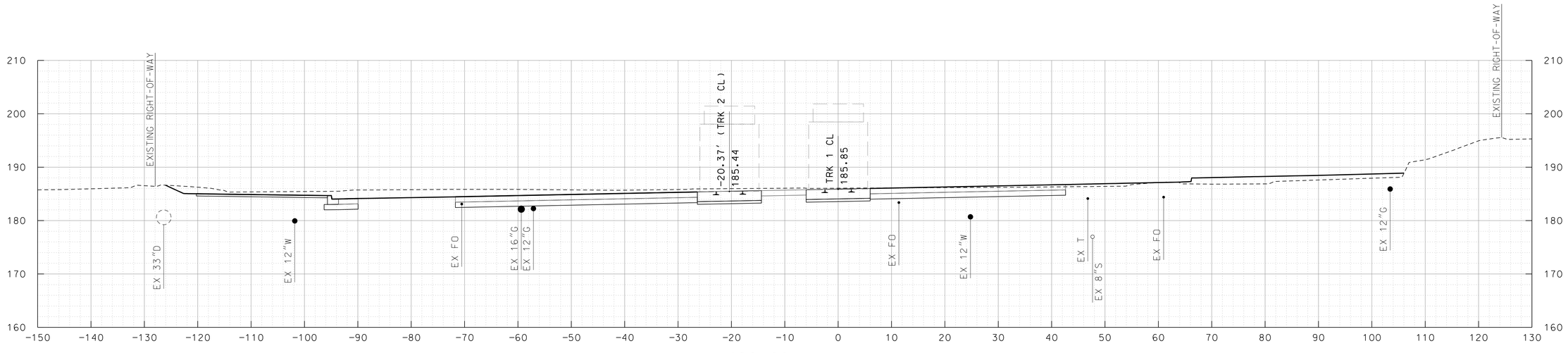
12/12/2013



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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS

STA TRK 1 490+70 TO STA TRK 1 496+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-613

SHEET NO. 622 OF 736

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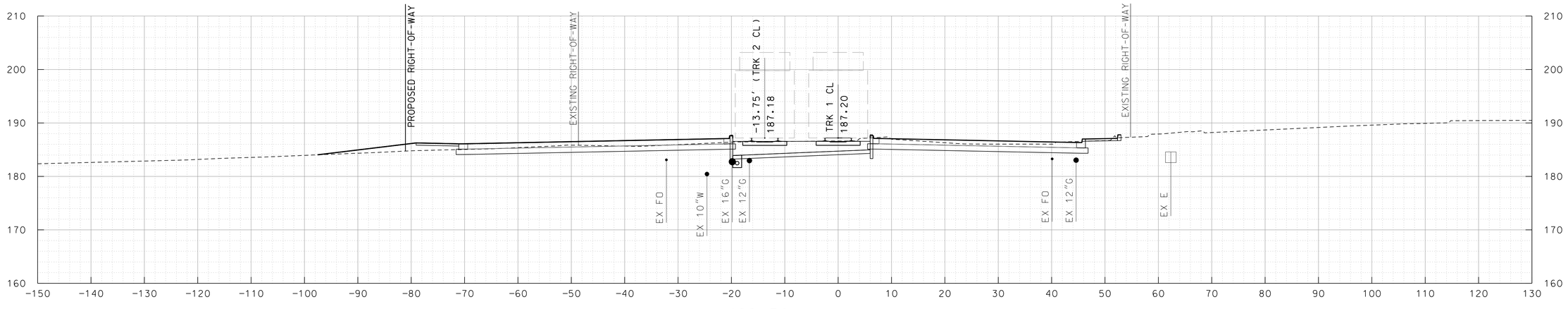
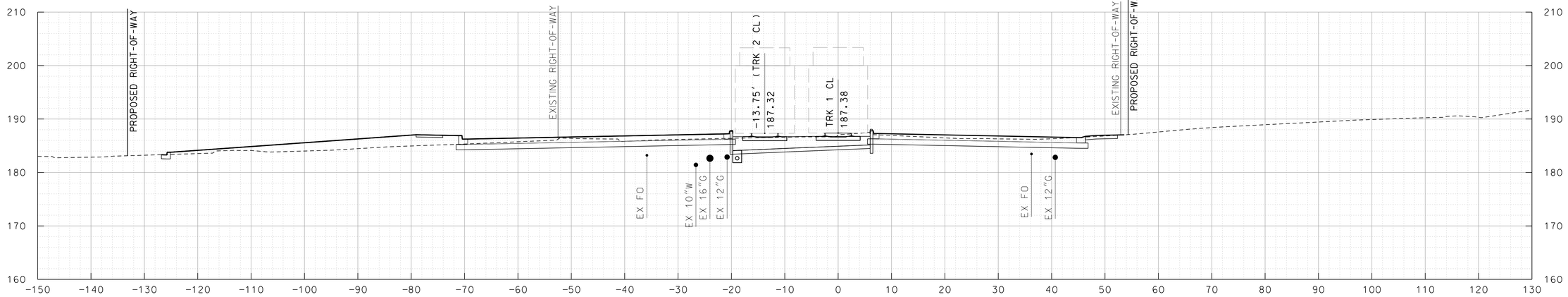
12/12/2013



499+30



498+75

10' 0 10' 20'
SCALE: 1"=10'

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS
STA TRK 1 498+75 TO STA TRK 1 499+30

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-614
SHEET NO. 623 OF 736

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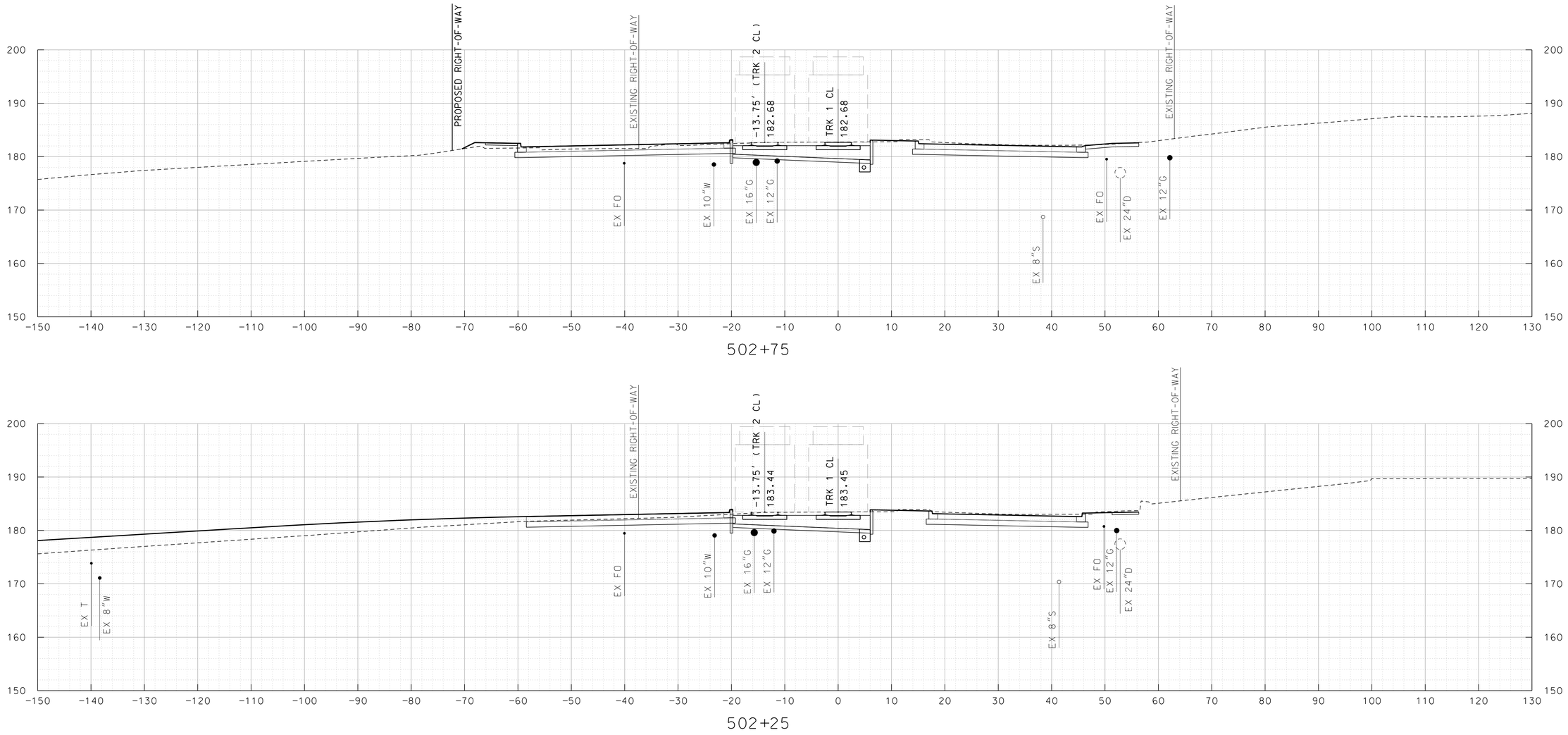
12/12/2013



10' 0 10' 20'

SCALE: 1"=10'

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MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS

STA TRK 1 502+25 TO STA TRK 1 502+75

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-615

SHEET NO. 624 OF 736

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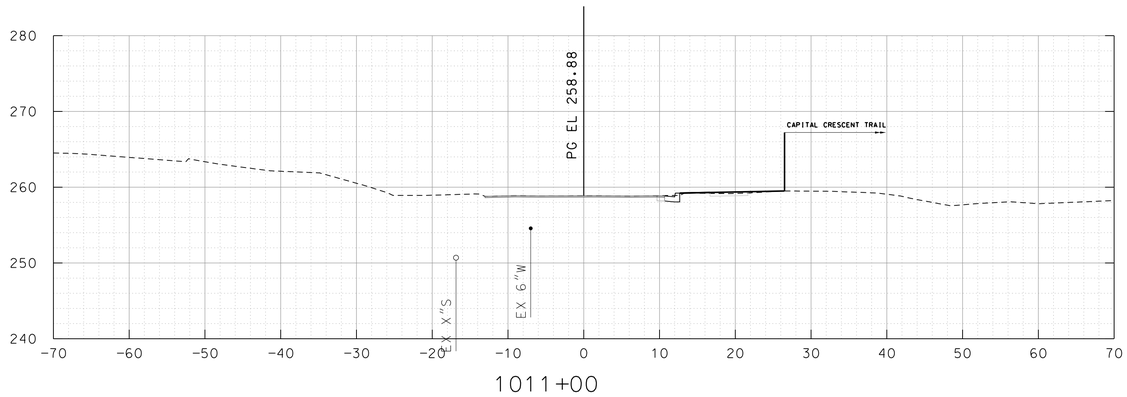
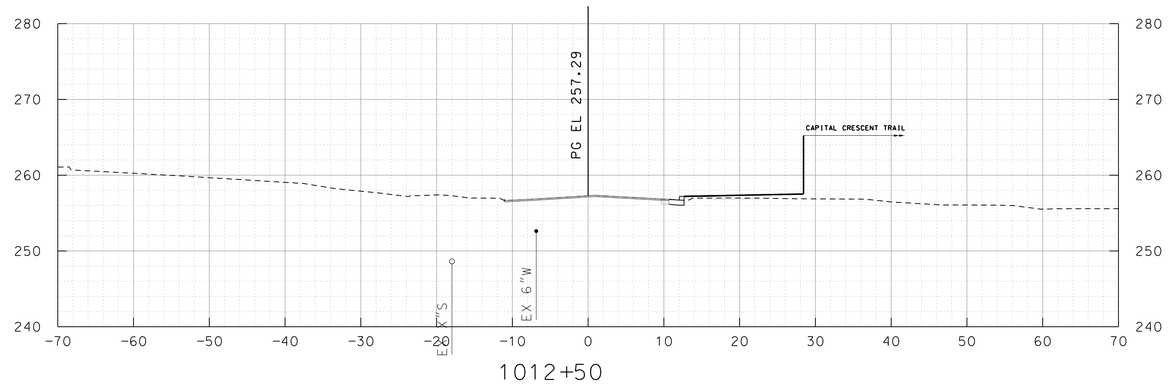
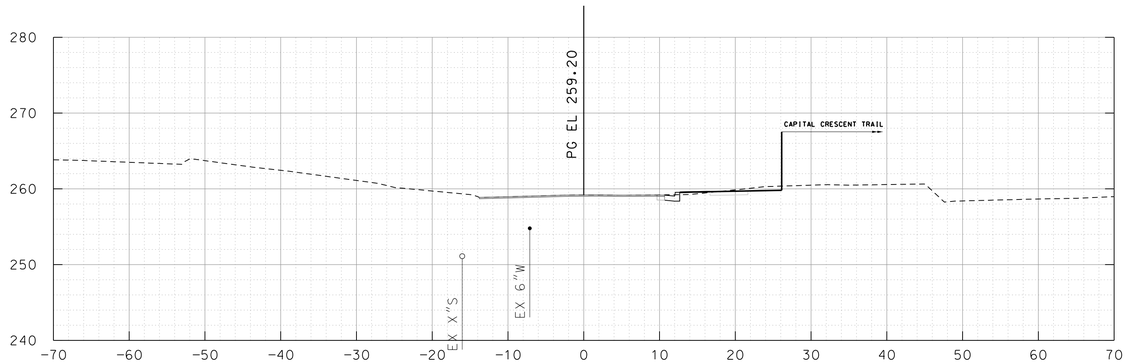
12/12/2013



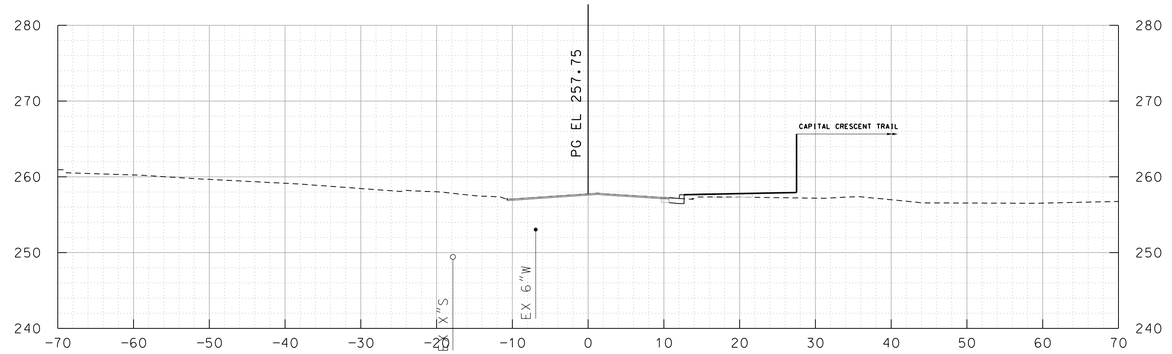
1011+00



1012+50



1010+50



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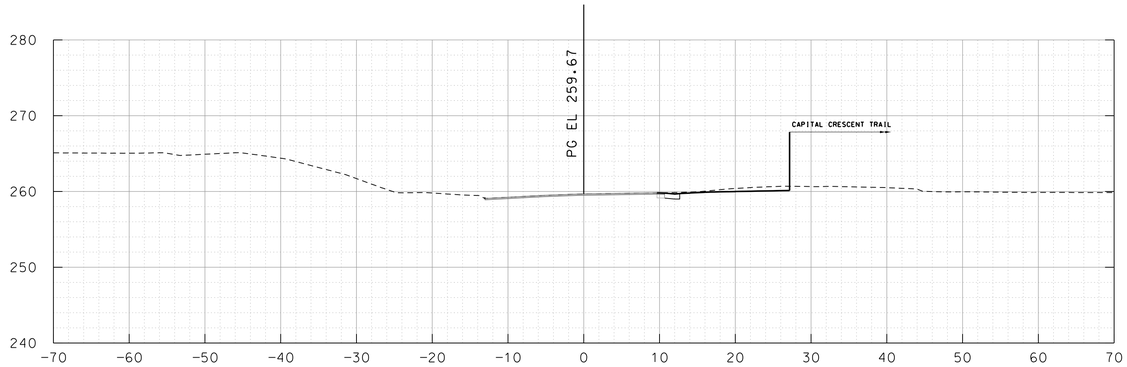
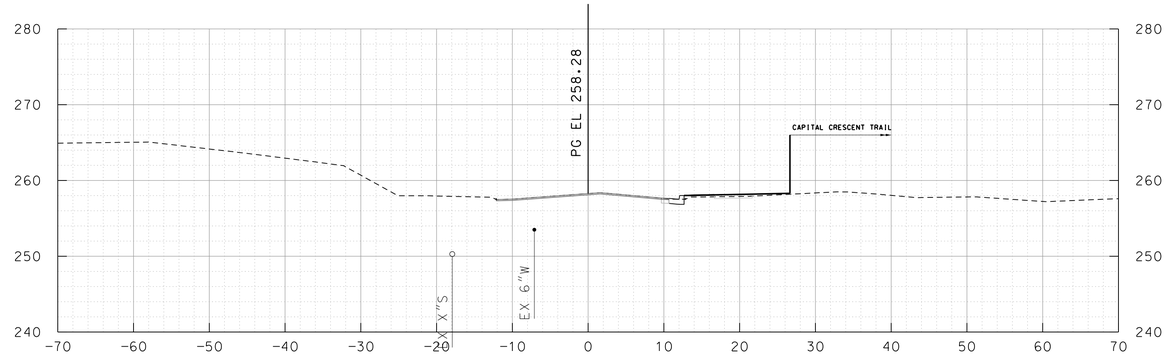
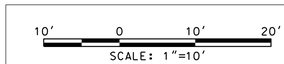


1010+10



1011+50



MARYLAND DEPARTMENT OF TRANSPORTATION

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MTA Maryland

Gannett Fleming

WR&A

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DESGN

DRAWN

CHECK

APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS – NEWDALE RD

STA 1010+10 TO STA 1012+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T–1042–0220

DRAWING NO. XS–664

SHEET NO. 673 OF 736

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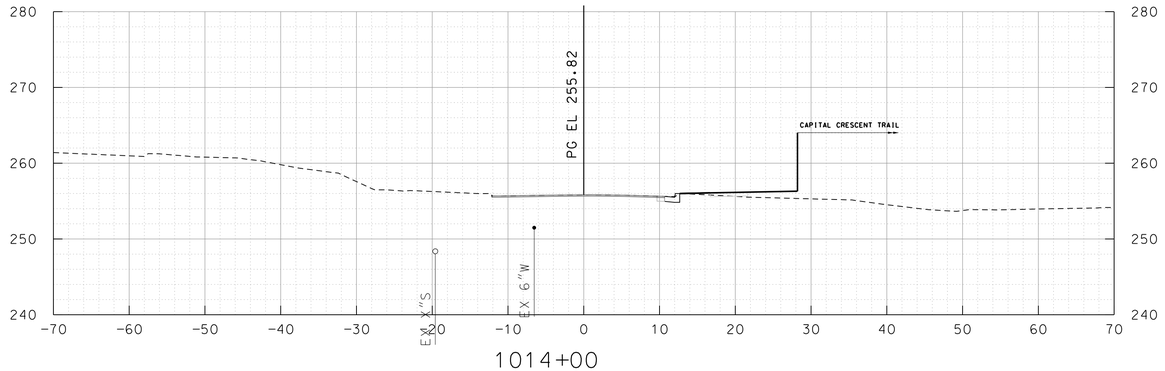
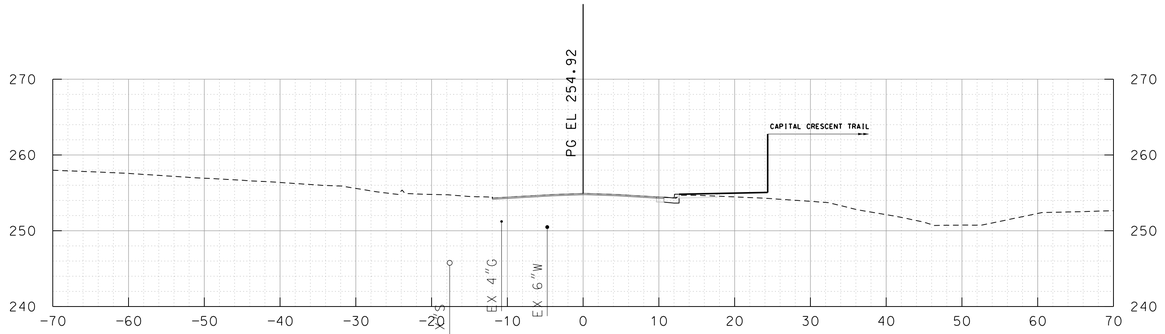
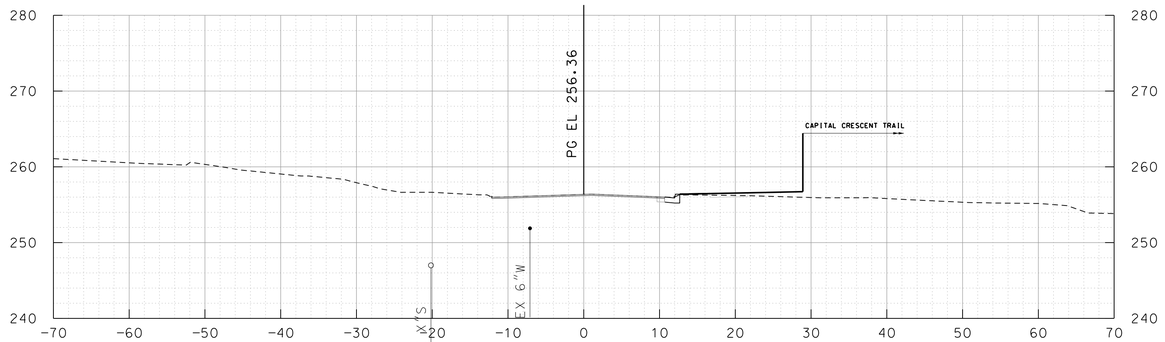
12/11/2013



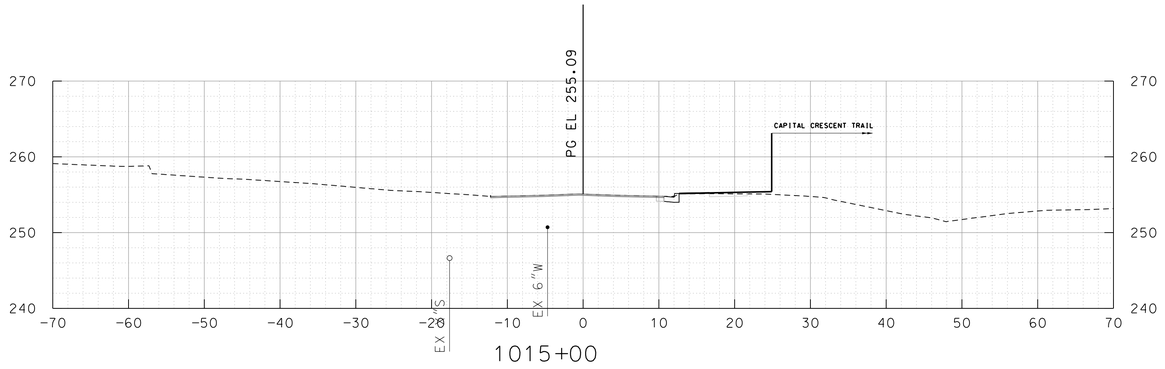
1014+00



1015+50



1013+50



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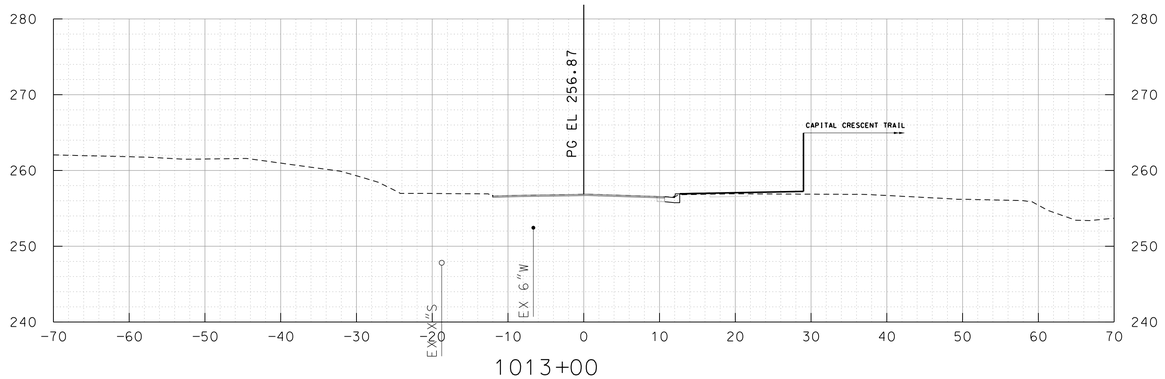
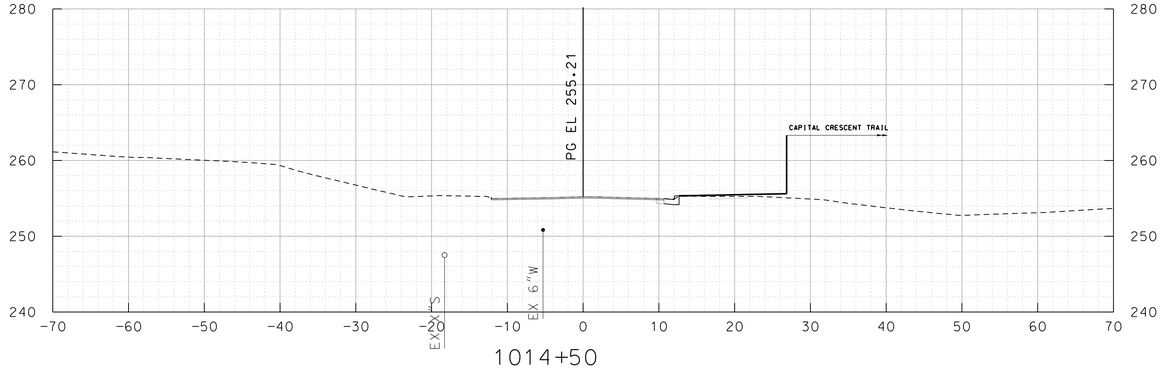


1013+00



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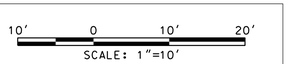

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS – NEWDALE RD
STA 1013+00 TO STA 1015+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-665

SHEET NO. 674 OF 736

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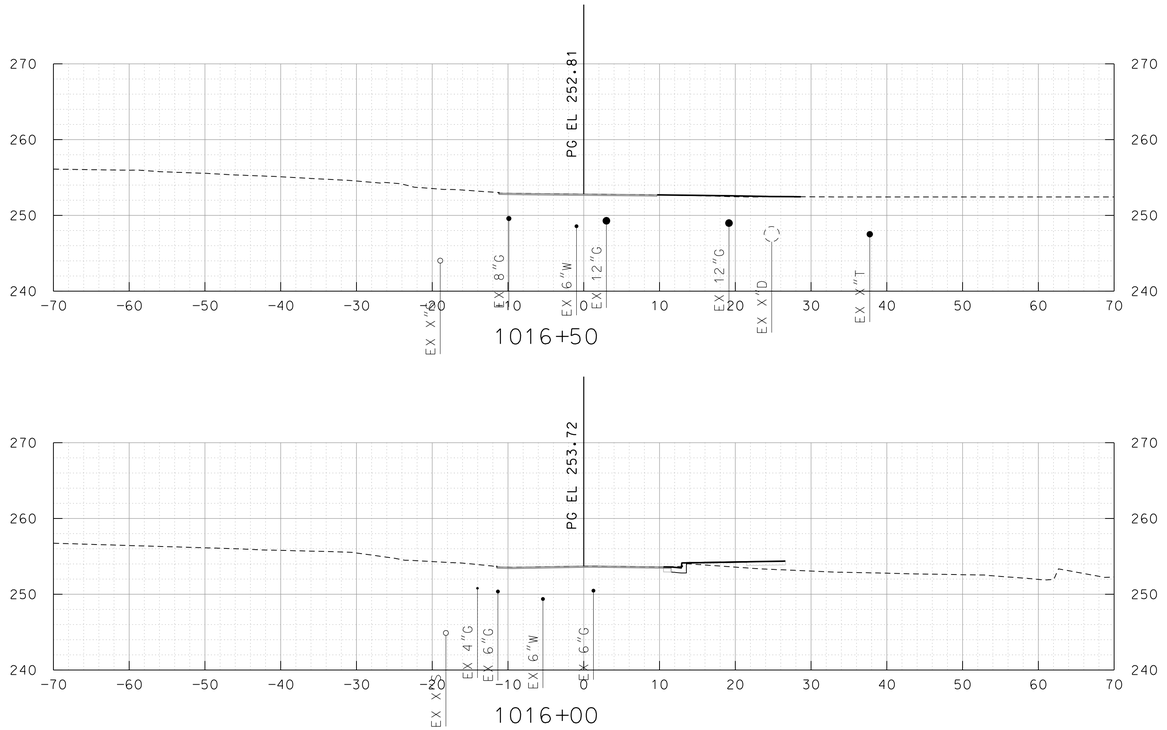
12/11/2013



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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS – NEWDALE RD
STA 1016+00 TO STA 1016+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T–1042–0220

DRAWING NO. XS–666

SHEET NO. 675 OF 736

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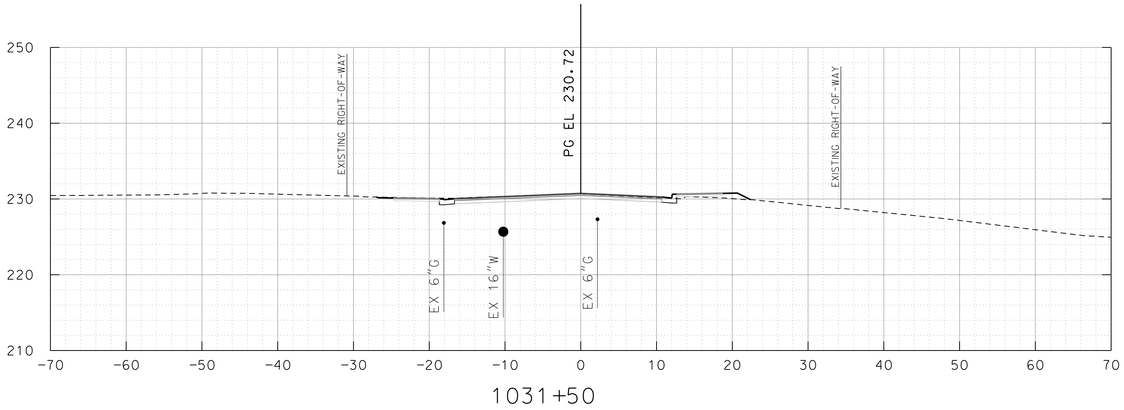
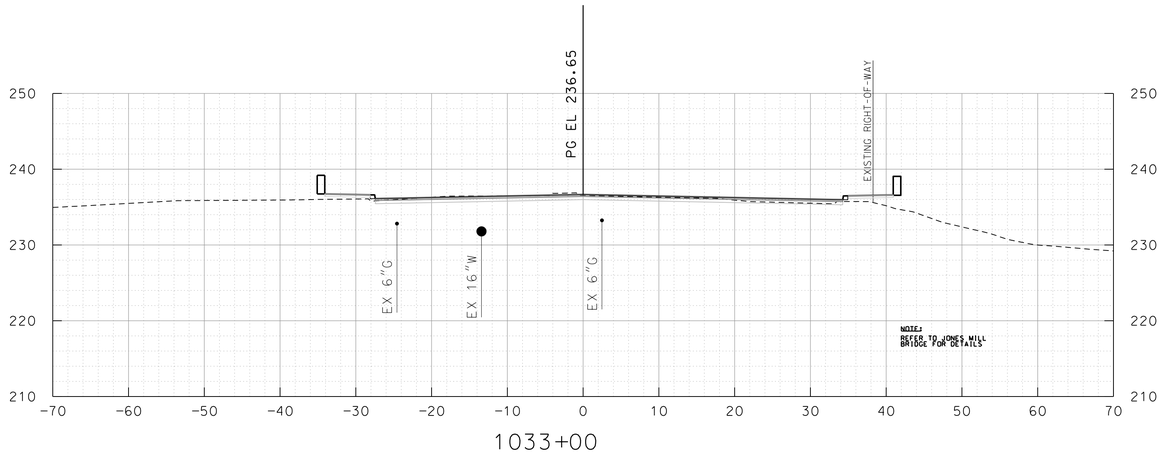
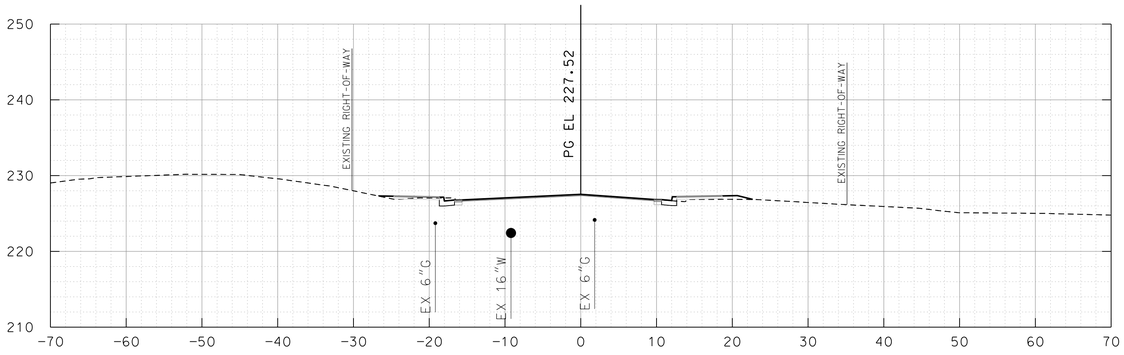
12/11/2013



1031+50



1033+00



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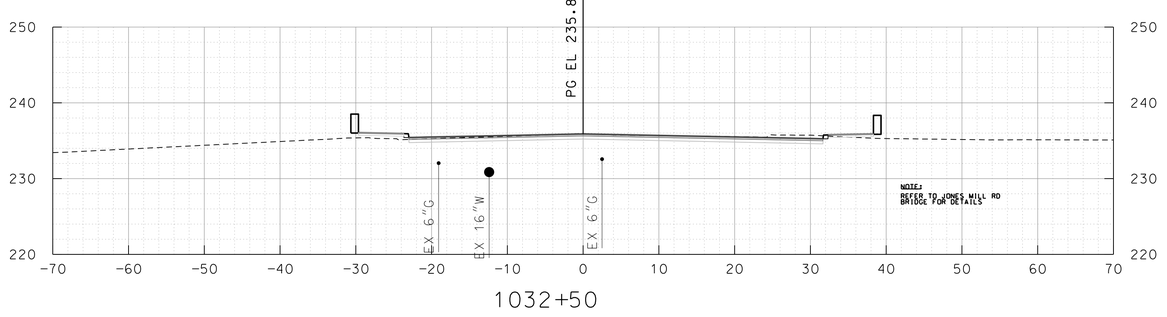
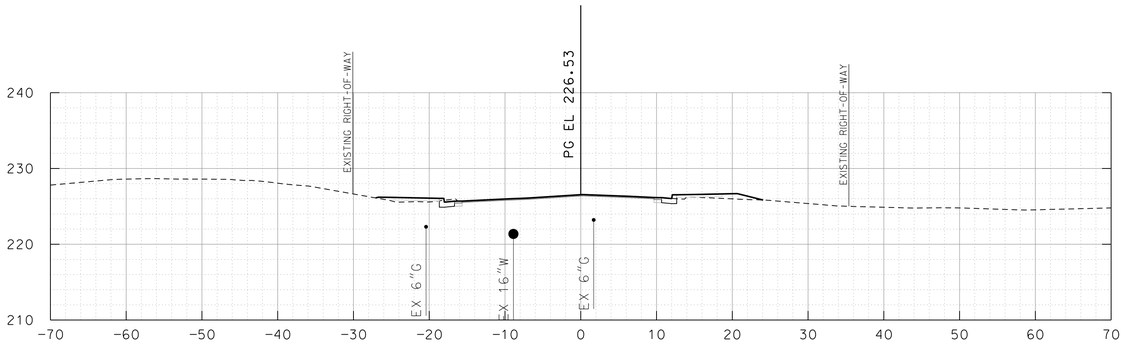
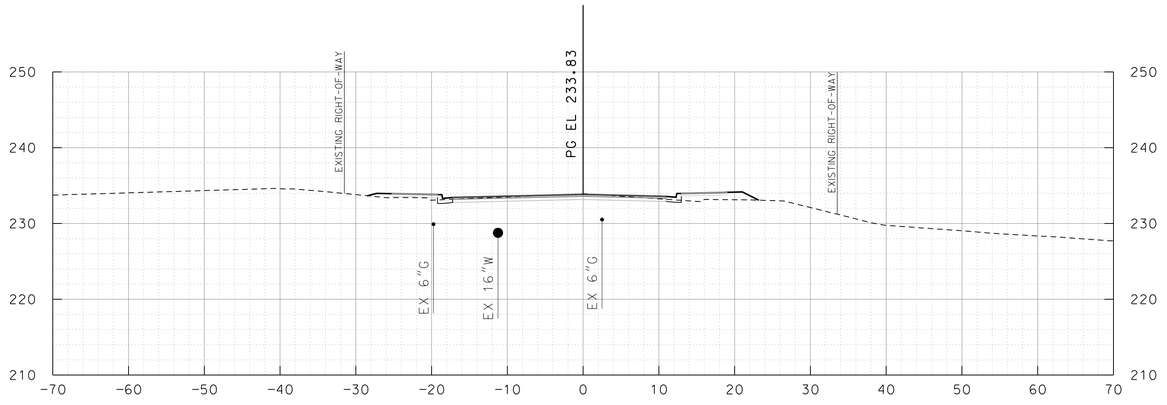


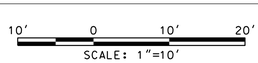
1032+50



1030+84



1032+00



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DESIGN	
DRAWN	
CHECK	
APPR	

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS – JONES MILL RD

STA 1030+84 TO STA 1033+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-667

SHEET NO. 676 OF 736

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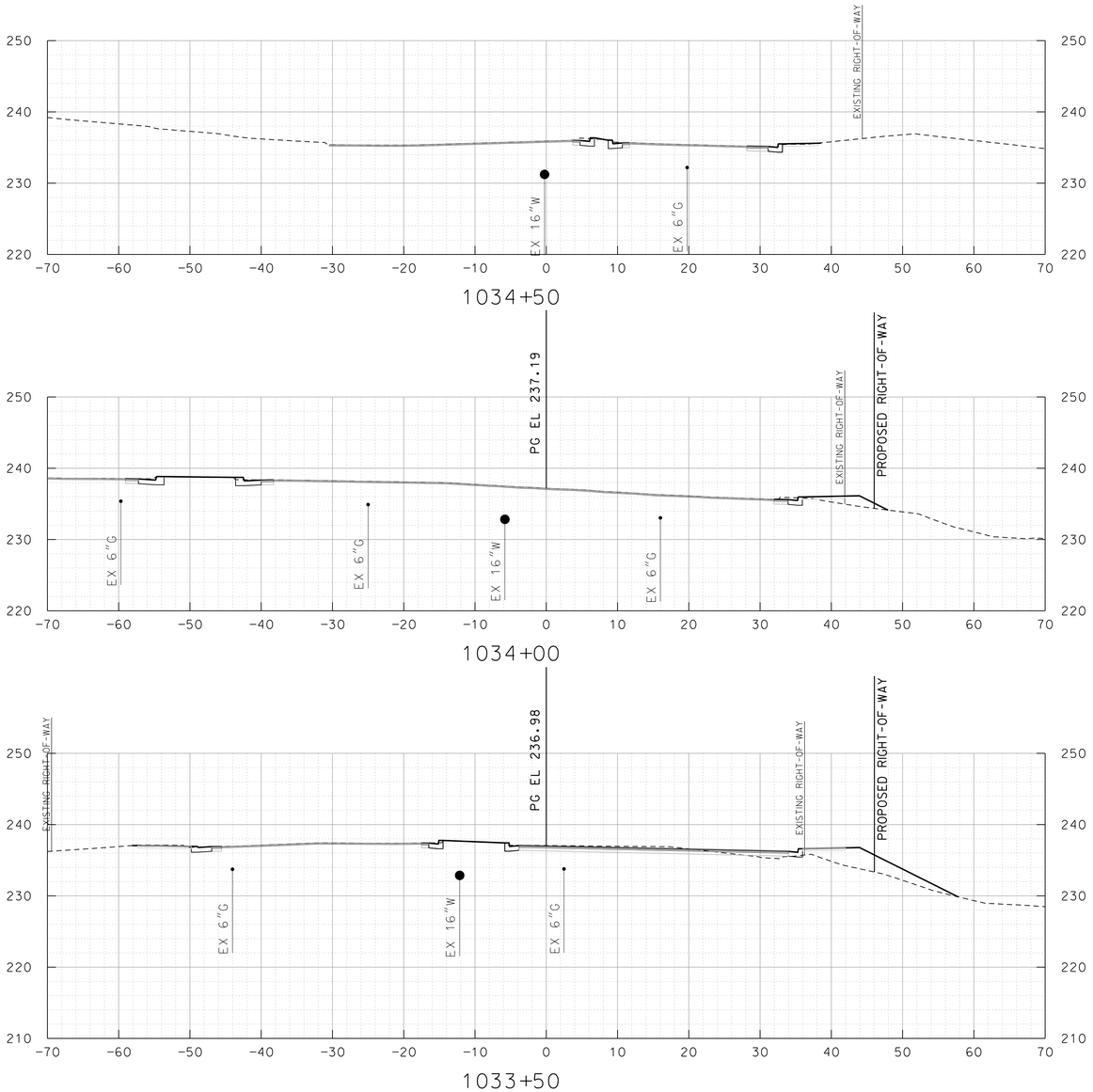
12/11/2013



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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS – JONES MILL RD
STA 1033+50 TO STA 1034+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-668
SHEET NO. 677 OF 736

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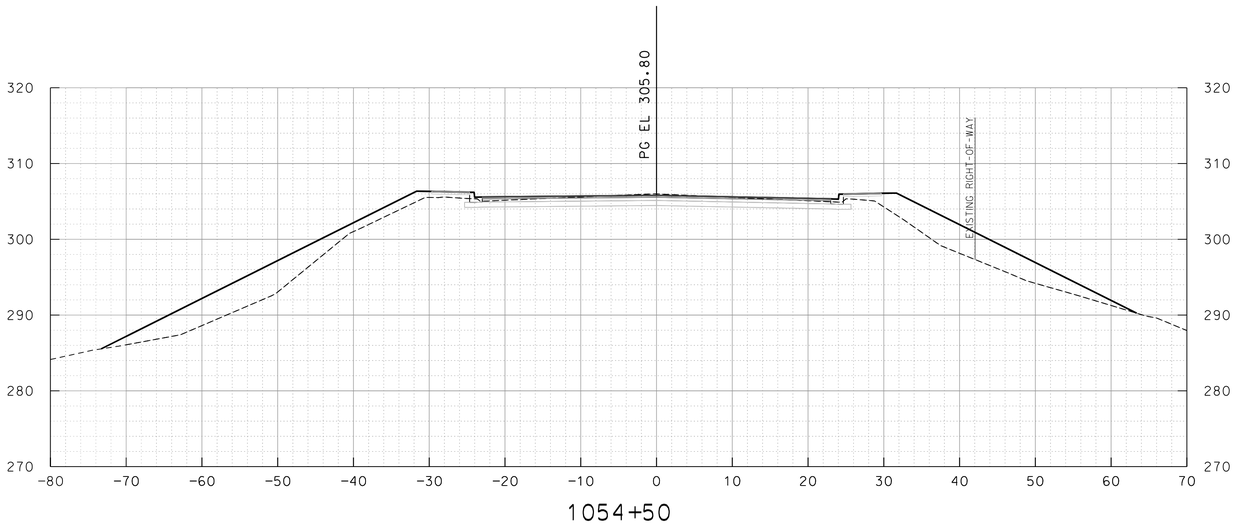
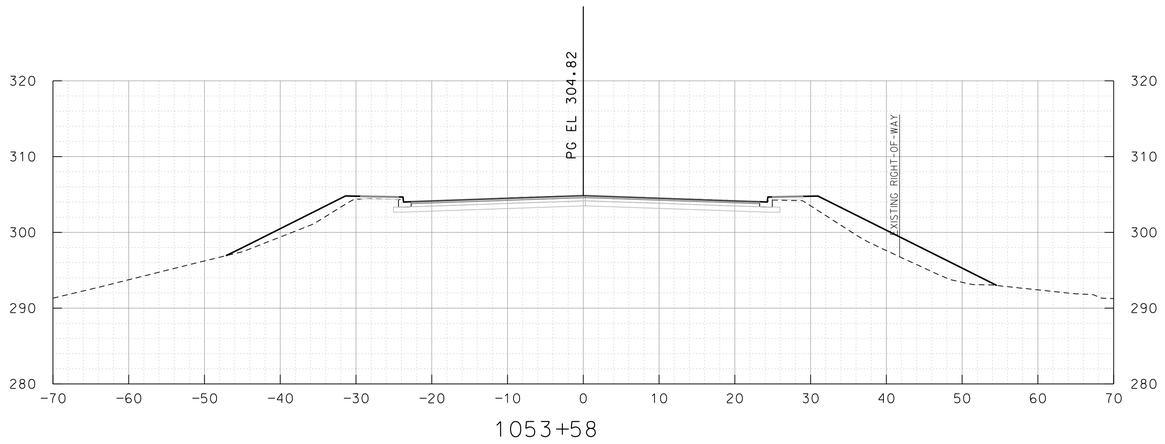
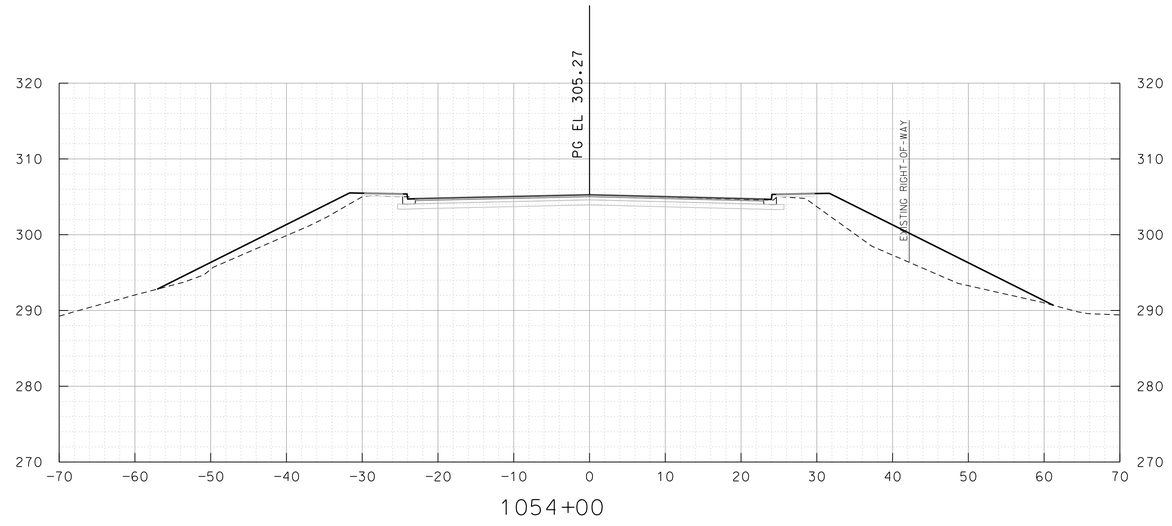
12/11/2013



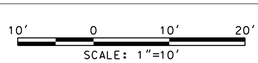
1054+50



1053+58



1054+00



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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS – LYTTONSVILLE PL
STA 1053+58 TO STA 1054+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T–1042–0220

DRAWING NO. XS–669

SHEET NO. 678 OF 736

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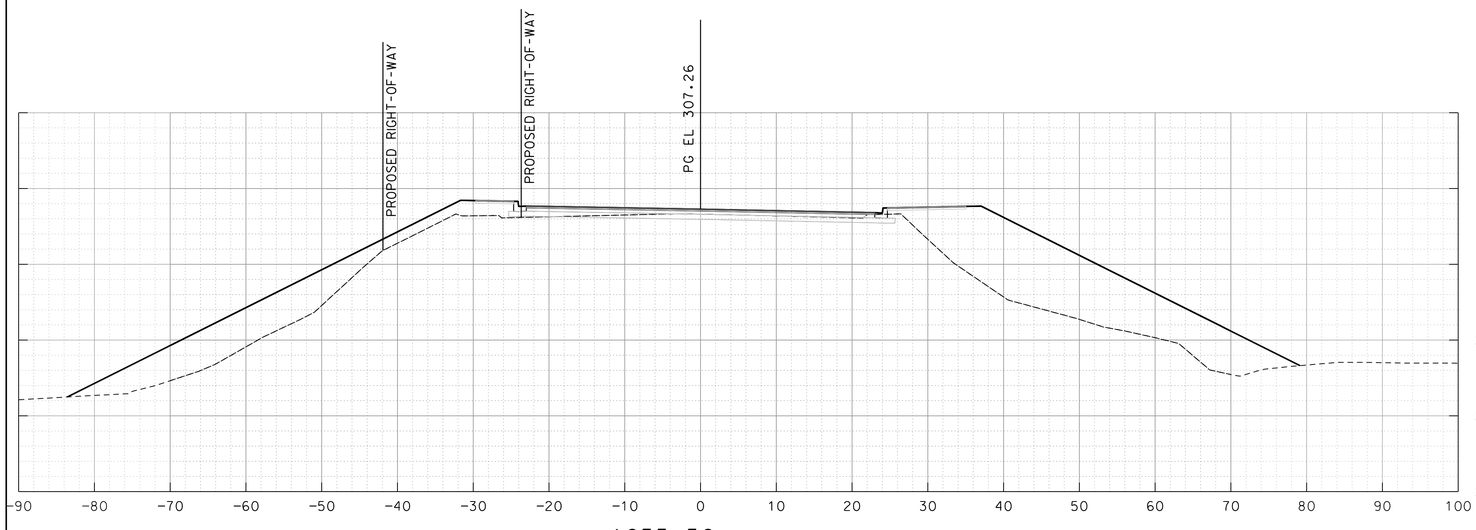
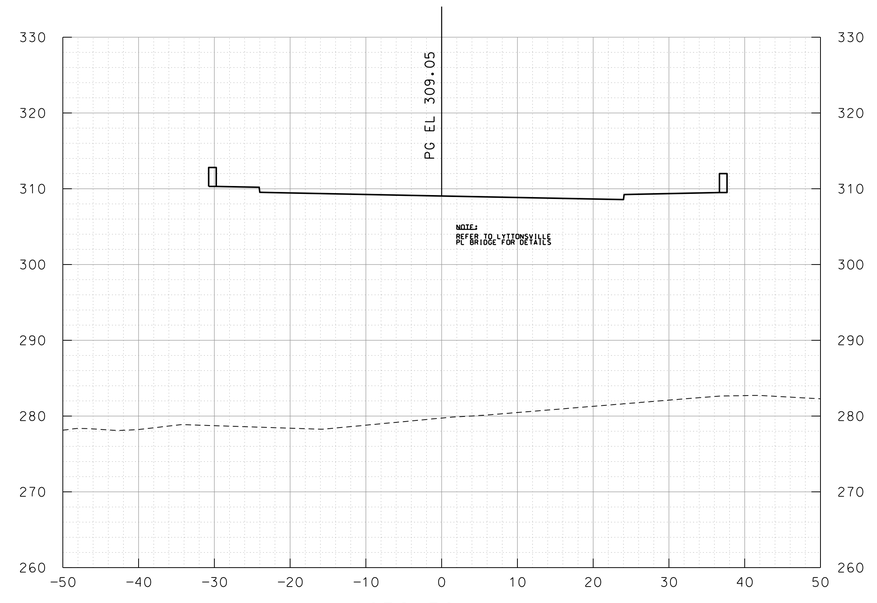
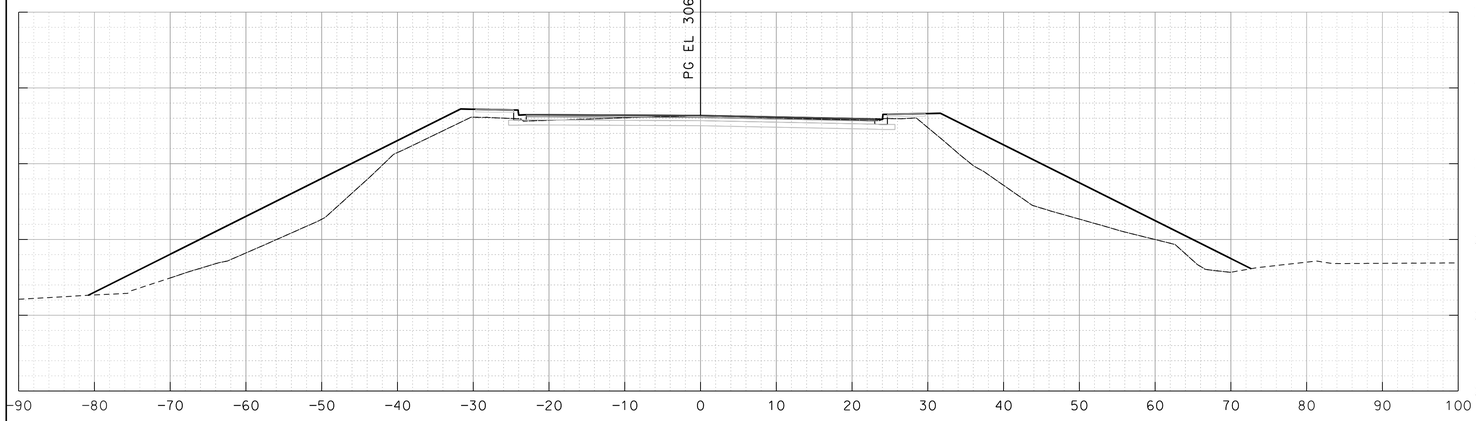
12/11/2013



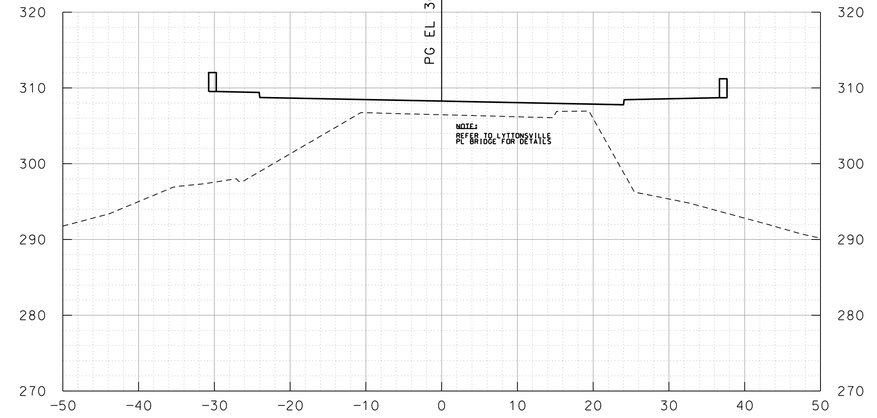
1055+50



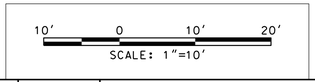
1056+50



1055+00



1056+00



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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS – LYTTONSVILLE PL

STA 1055+00 TO STA 1056+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-670

SHEET NO. 679 OF 736

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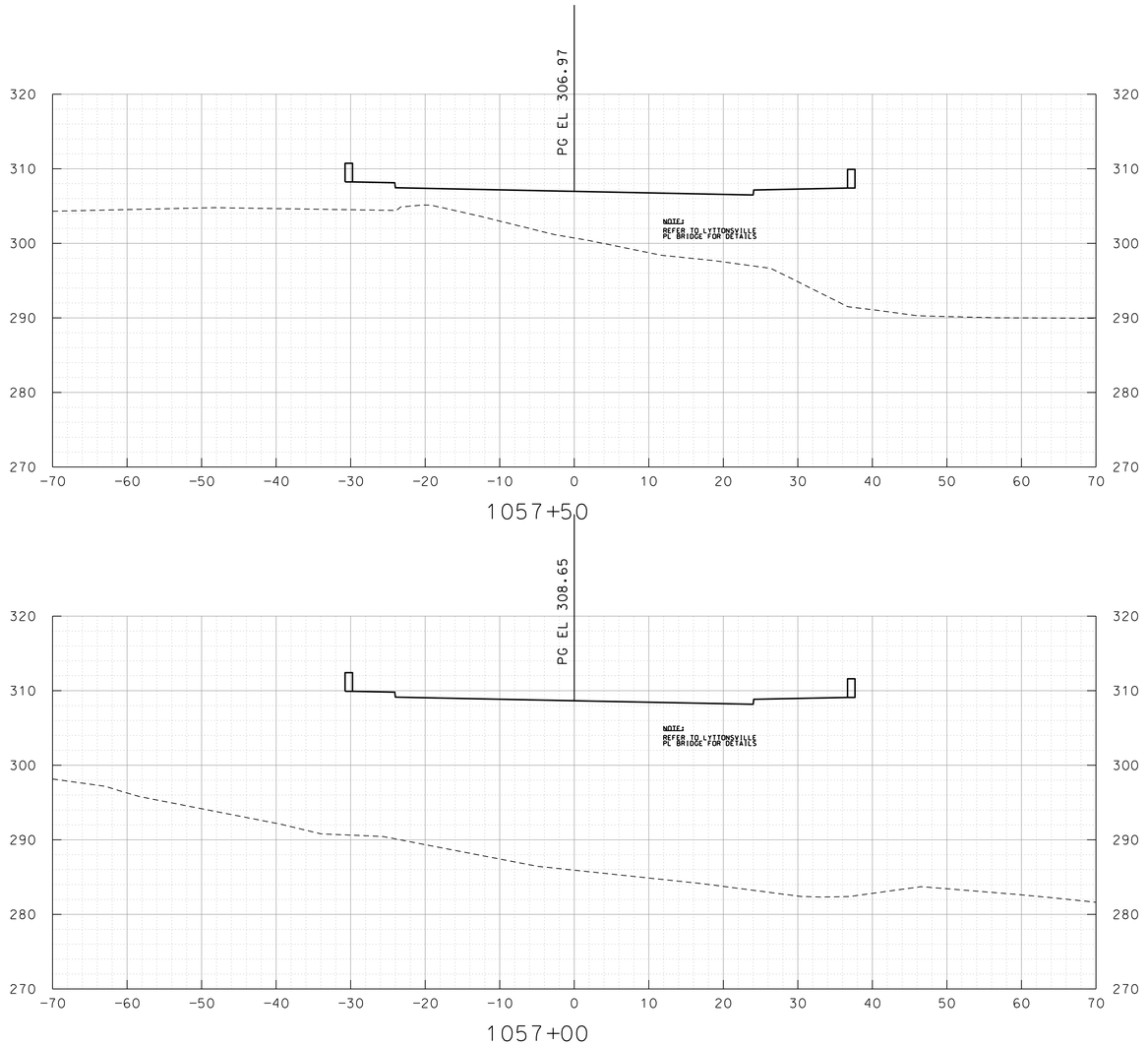
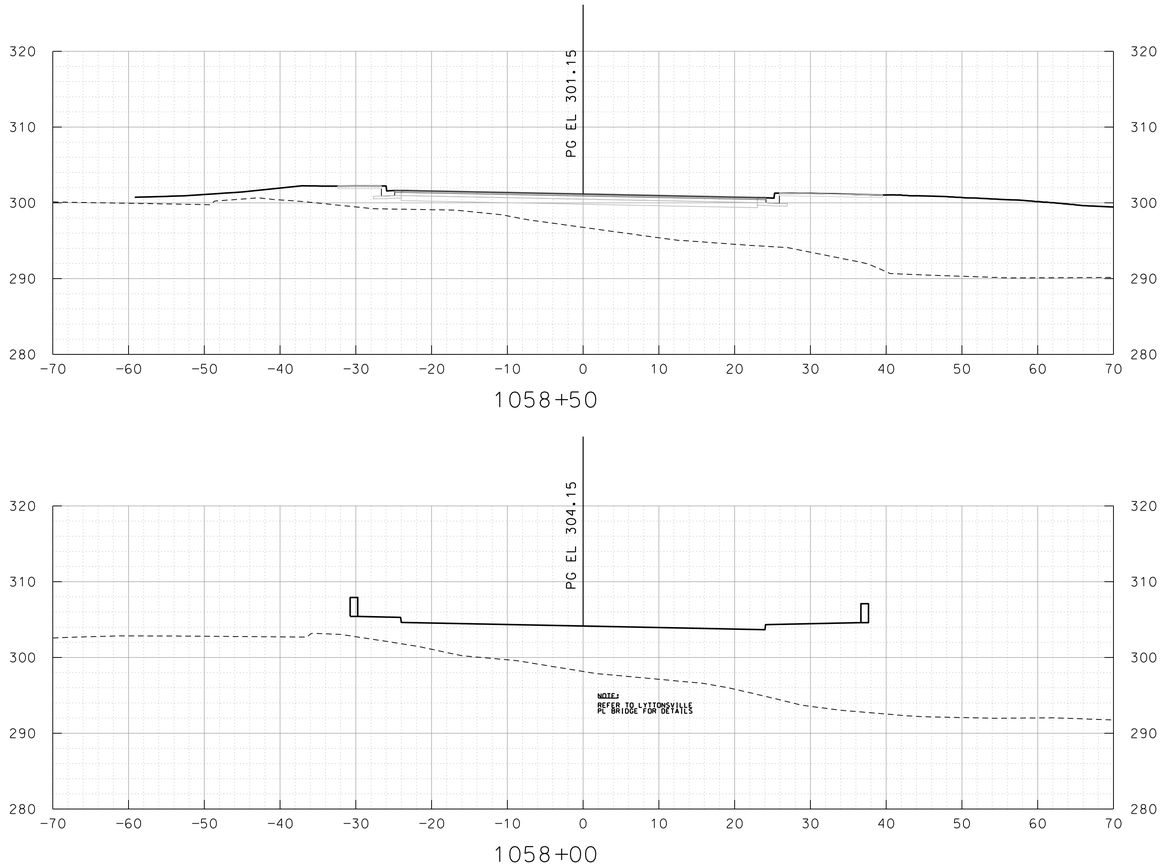
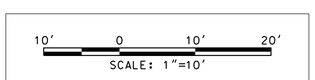
12/11/2013







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DESIGN

DRAWN

CHECK

APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS – LYTTONSVILLE PL

STA 1057+00 TO STA 1058+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-671

SHEET NO. 680 OF 736

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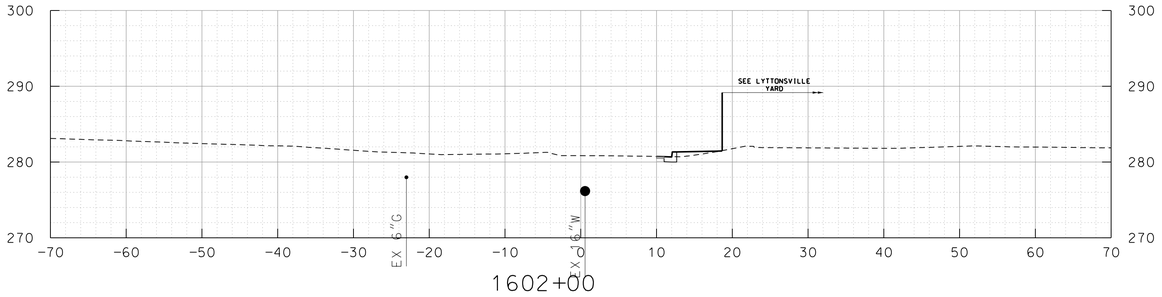
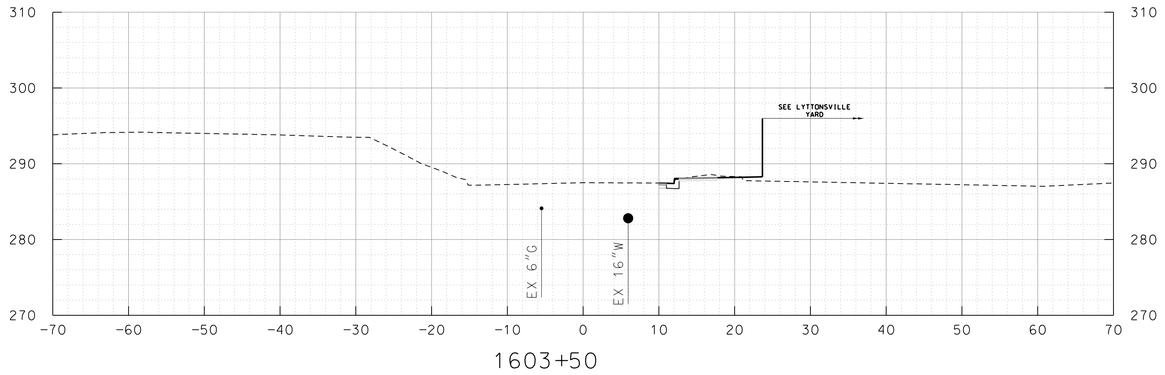
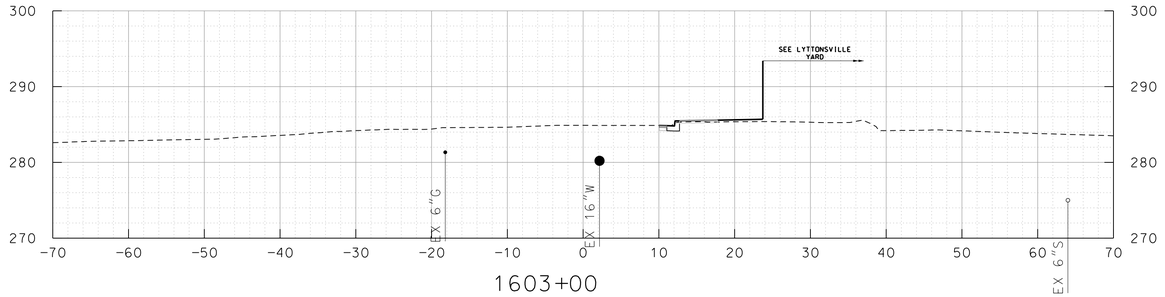
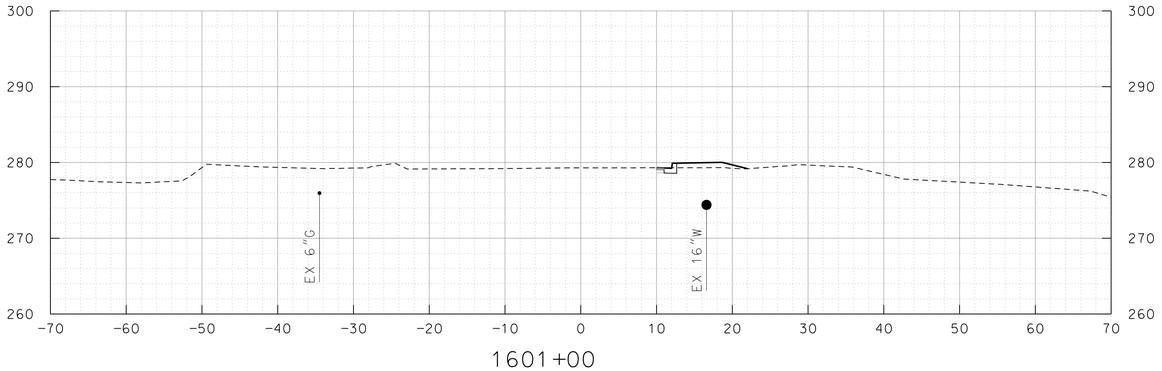
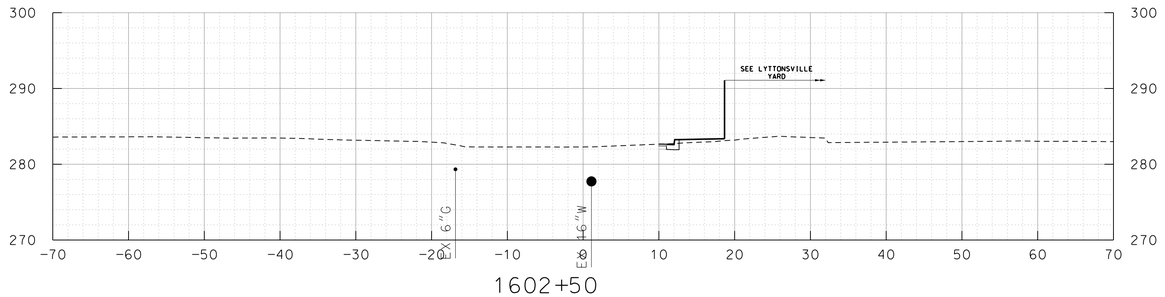
12/11/2013

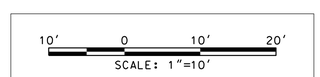












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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS – BROOKVILLE RD

STA 1601+00 TO STA 1603+50

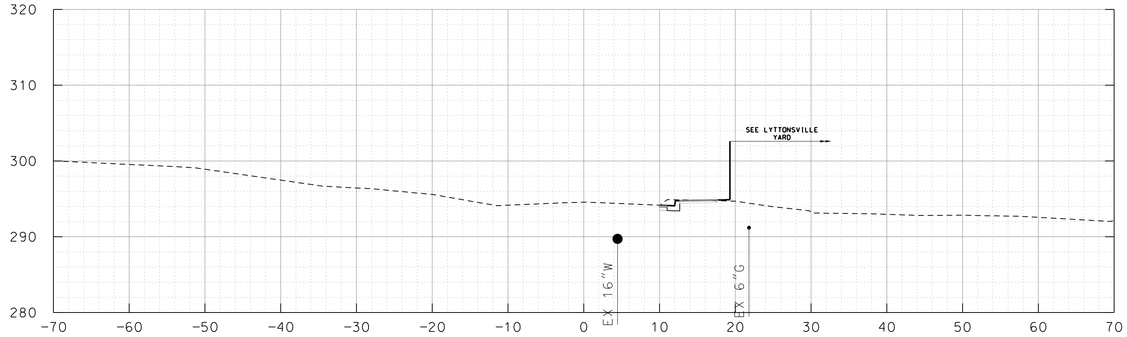
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

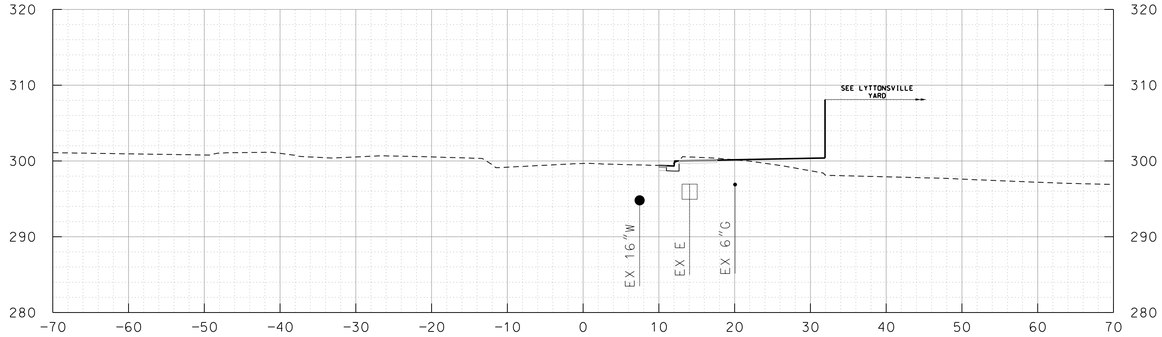
DRAWING NO. XS-672

SHEET NO. 681 OF 736

c:\pwworking\mtapw\wra-william minor\d0108114\1042pXS1209.dgn
12/11/2013



1605+00



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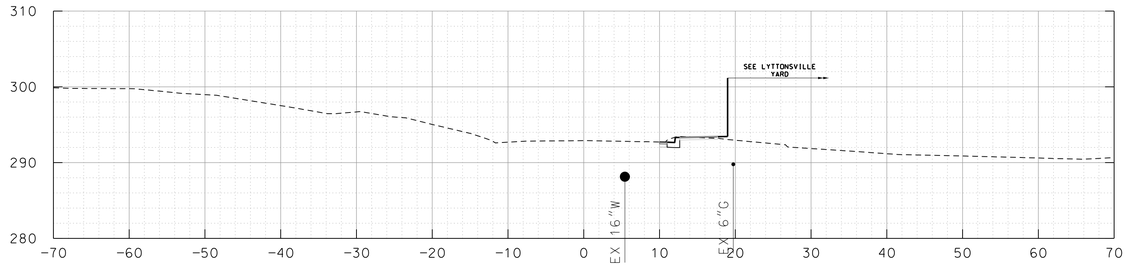
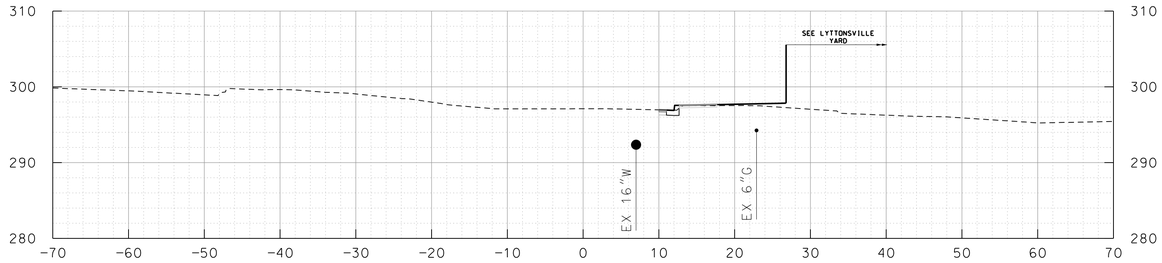


1604+50



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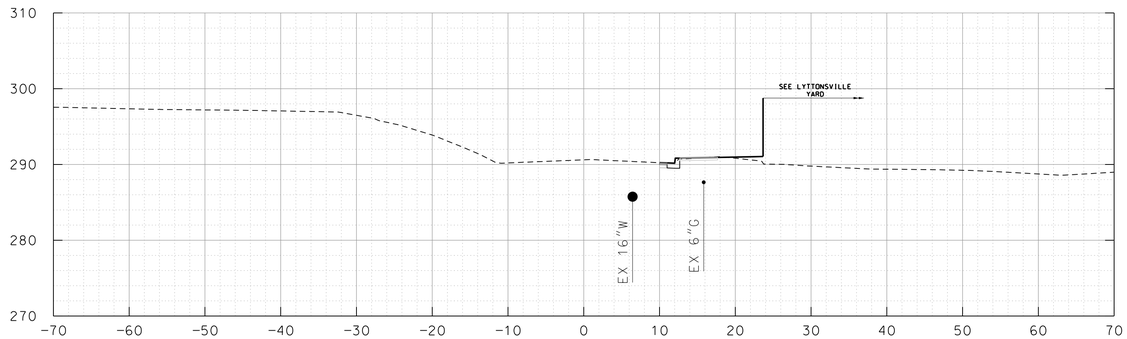

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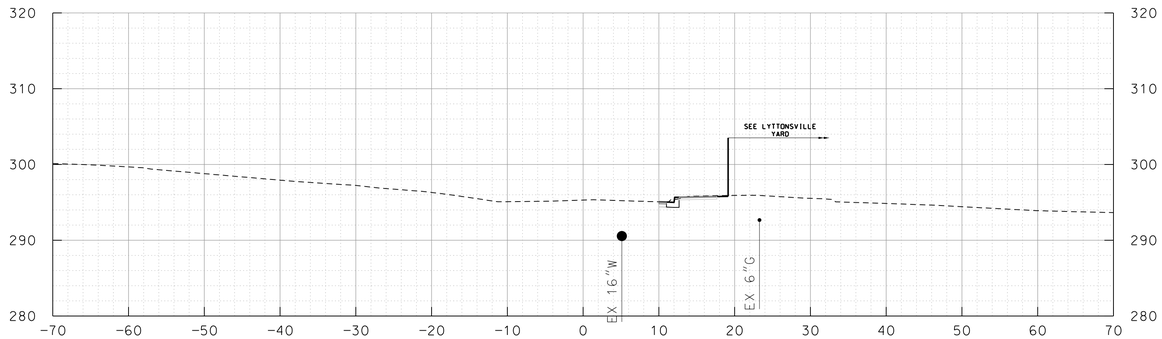

1605+50

10′ 0 10′ 20′

SCALE: 1"=10′

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

PROFESSIONAL CERTIFICATION

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS – BROOKVILLE RD

STA 1604+00 TO STA 1606+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T–1042–0220

DRAWING NO. XS–673

SHEET NO. 682 OF 736

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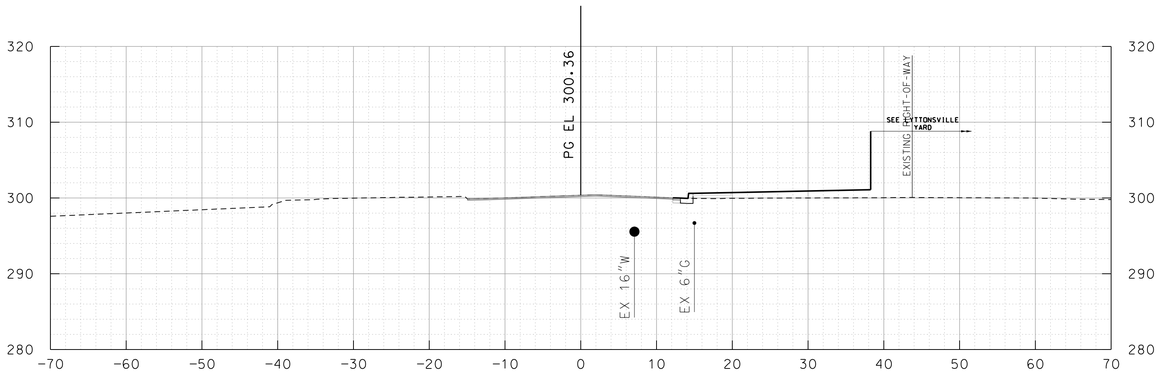
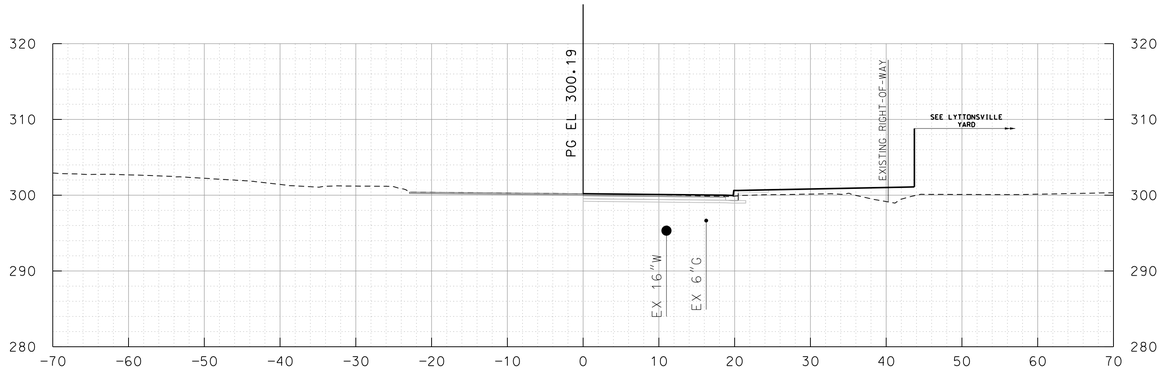
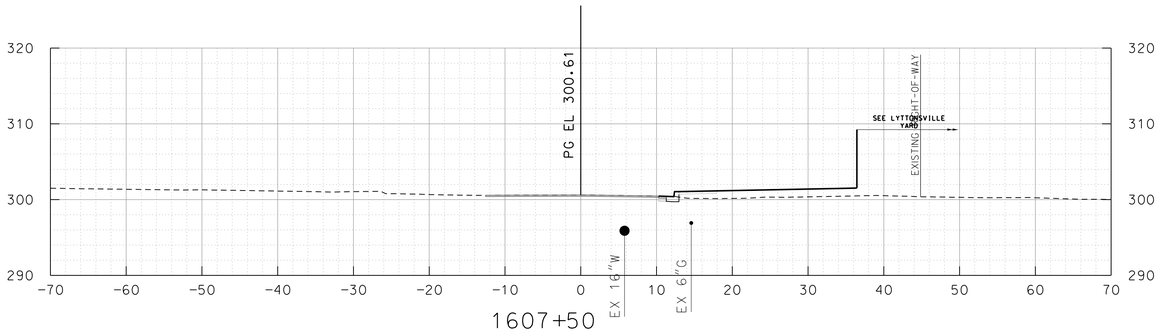
12/11/2013



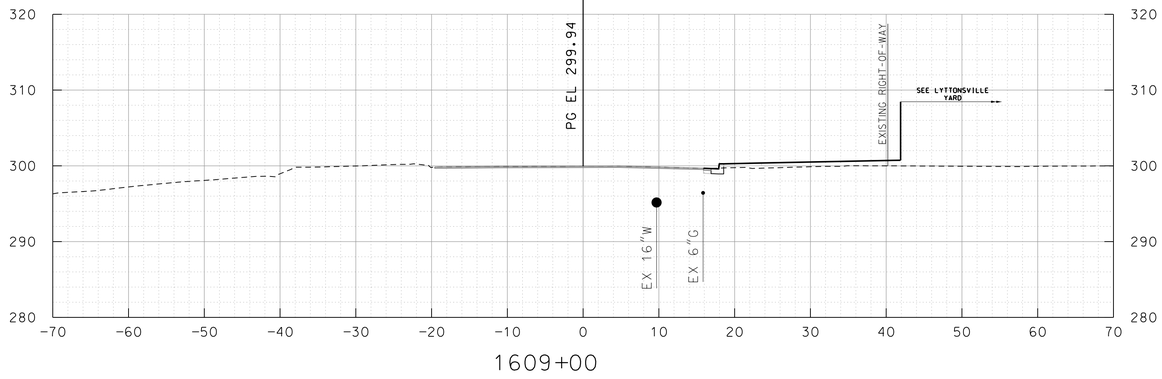
1608+00



1609+50



1607+50



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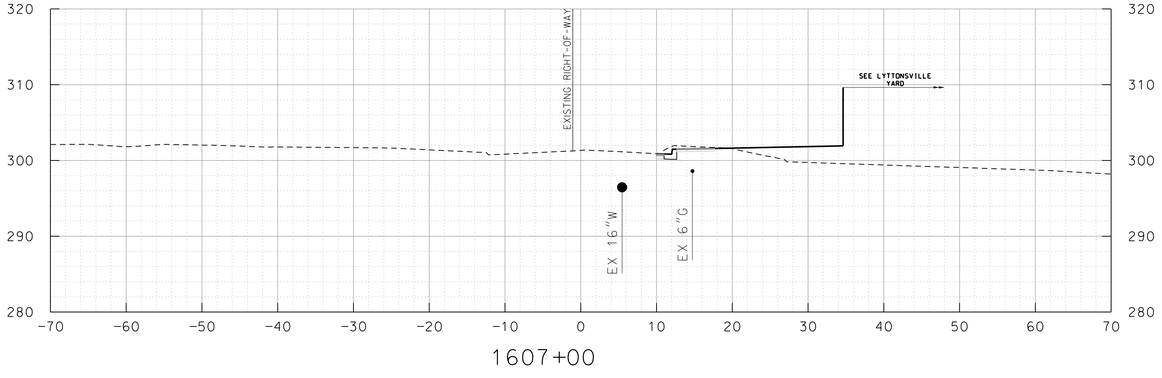

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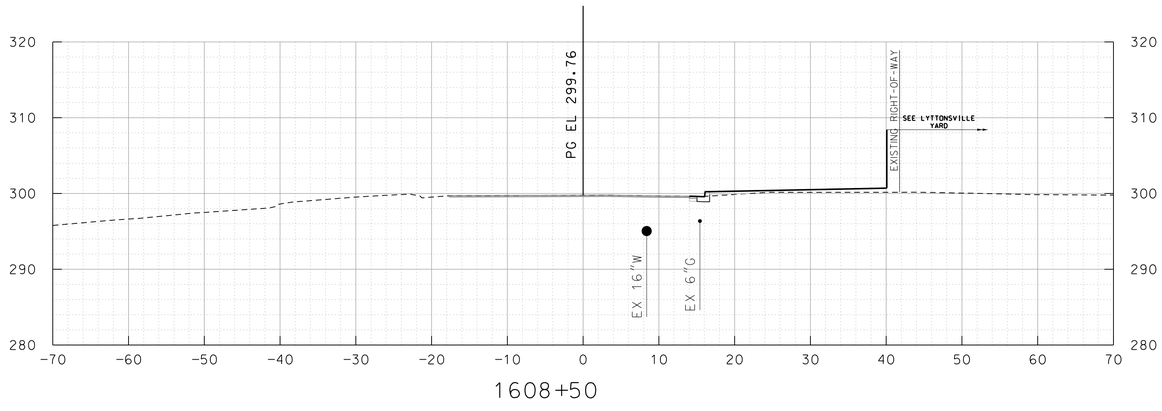

1608+50

10' 0 10' 20'

SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS – BROOKVILLE RD

STA 1607+00 TO STA 1609+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-674

SHEET NO. 683 OF 736

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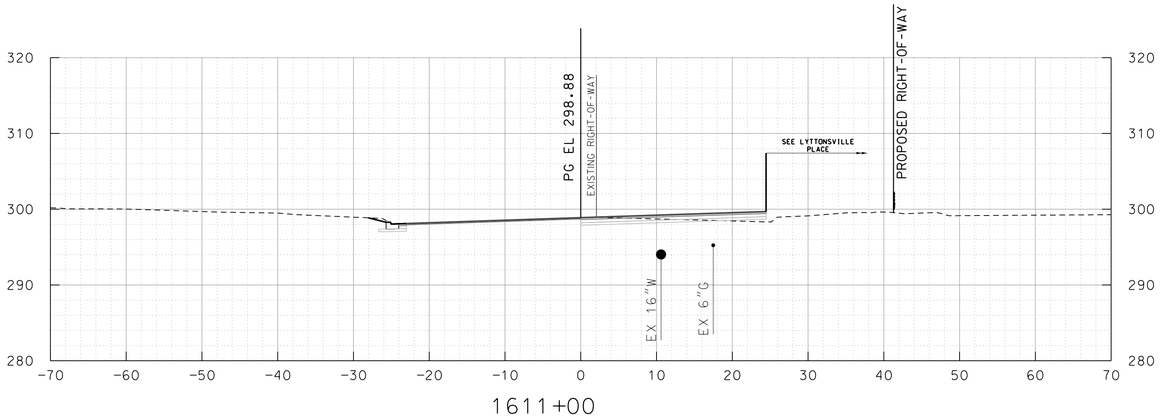
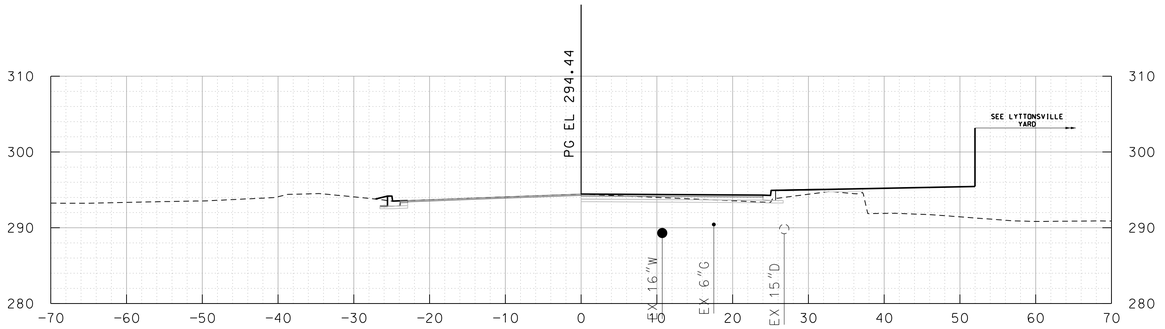
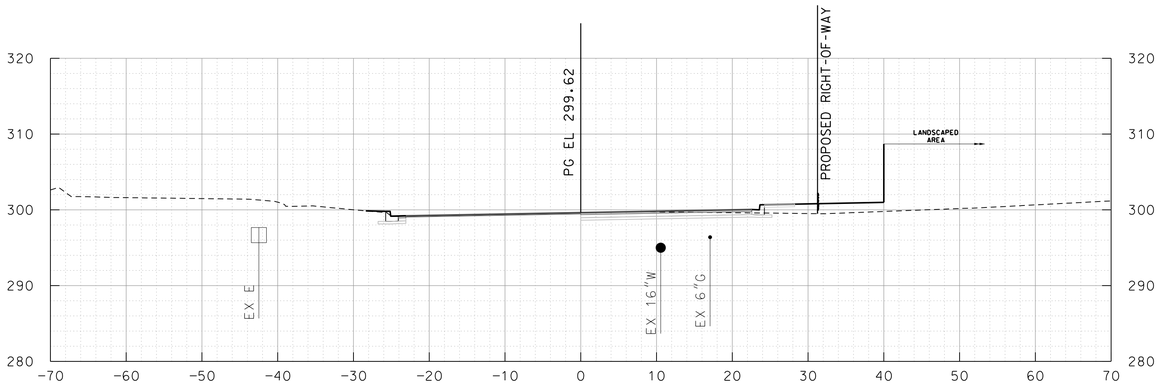
12/11/2013



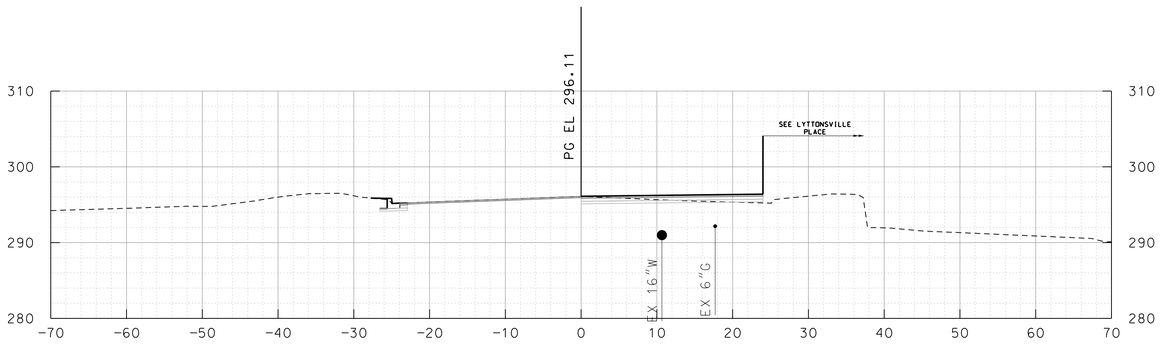
1611+00



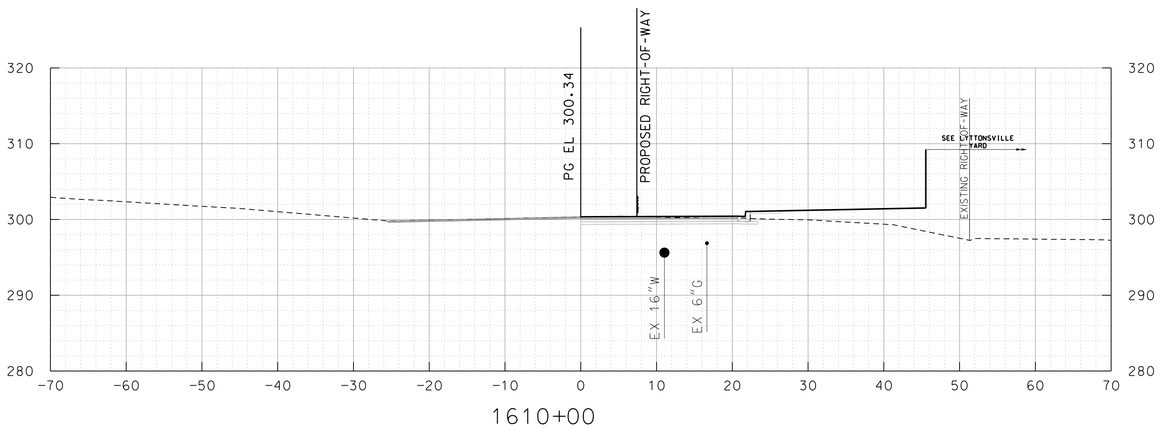
1612+50



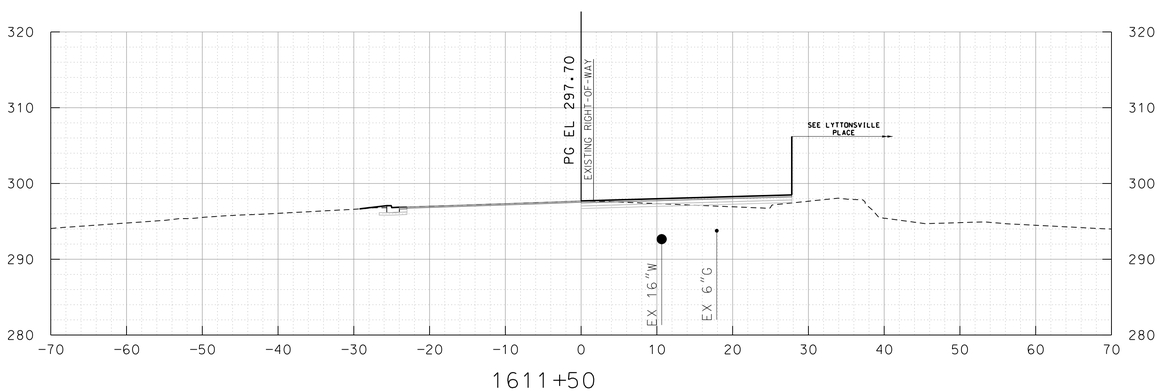
1610+50



1612+00



1610+00



1611+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS – BROOKVILLE RD
STA 1610+00 TO STA 1612+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-675
SHEET NO. 684 OF 736

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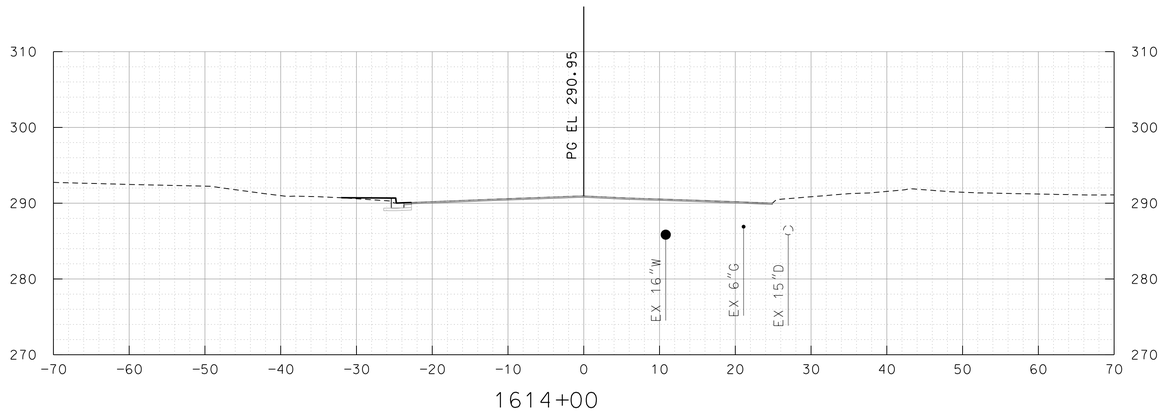
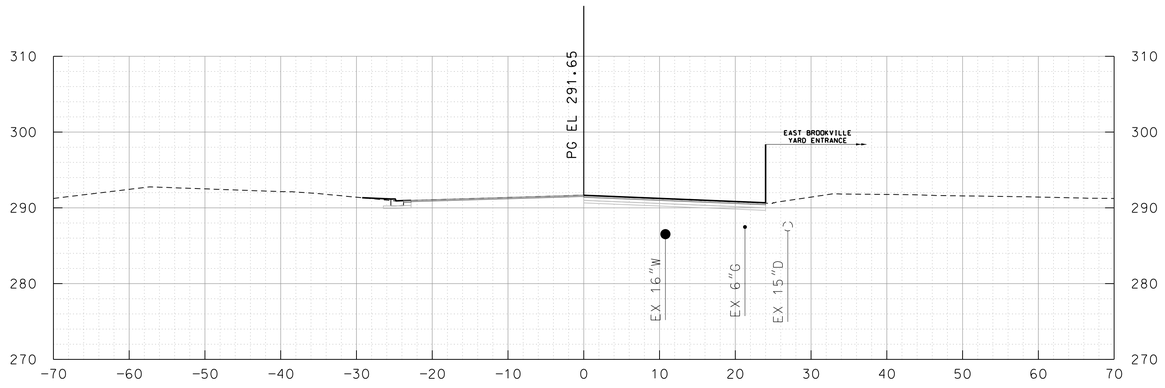
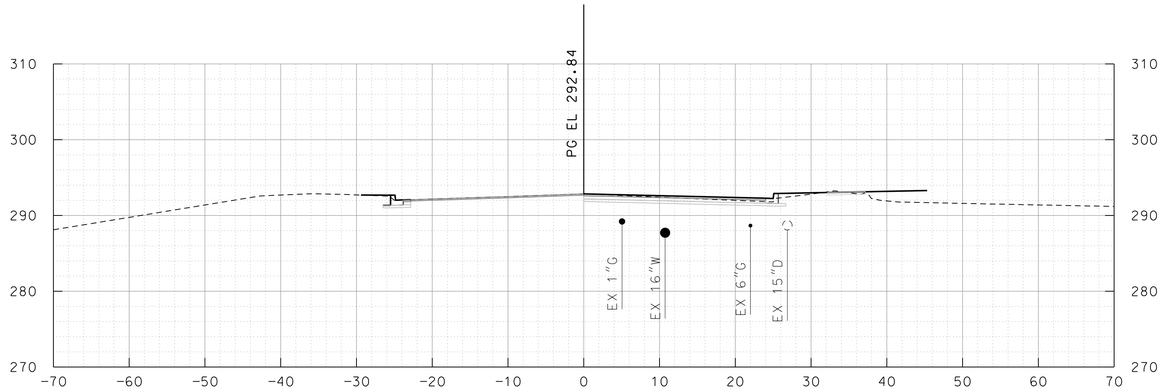
12/11/2013



1614+00



1613+50



1613+00

10' 0 10' 20'
SCALE: 1"=10'

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MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS – BROOKVILLE RD
STA 1613+00 TO STA 1614+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-676
SHEET NO. 685 OF 736

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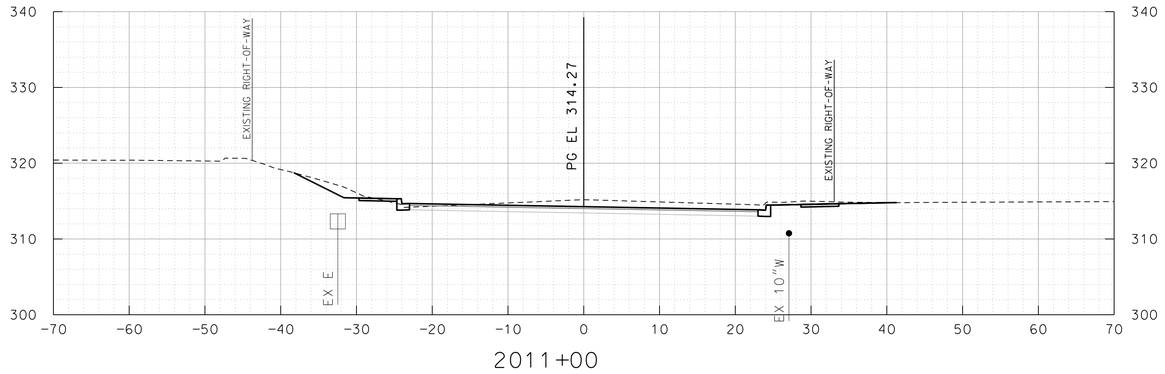
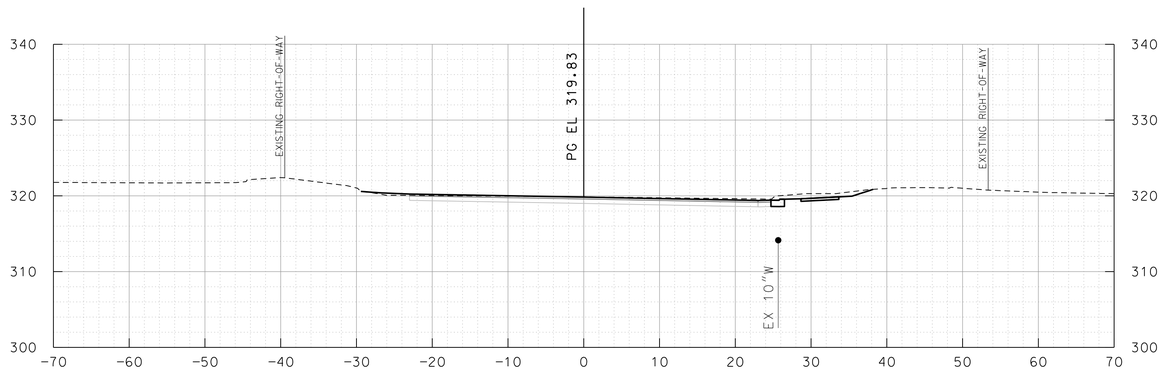
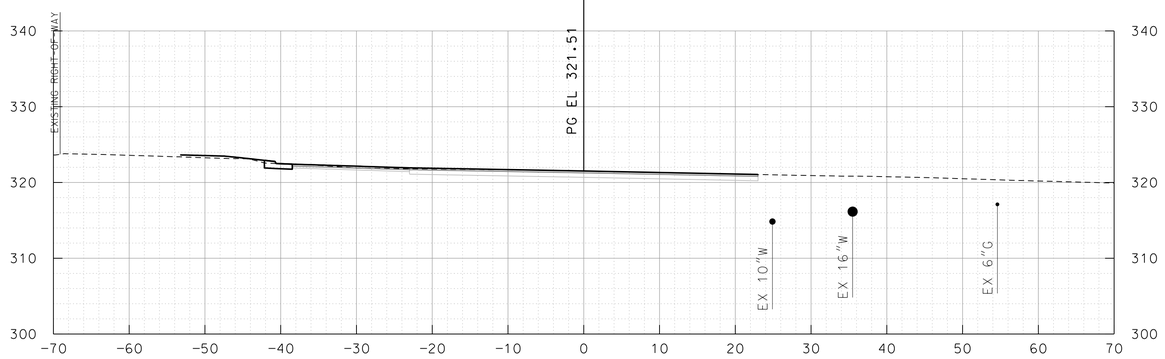
12/11/2013



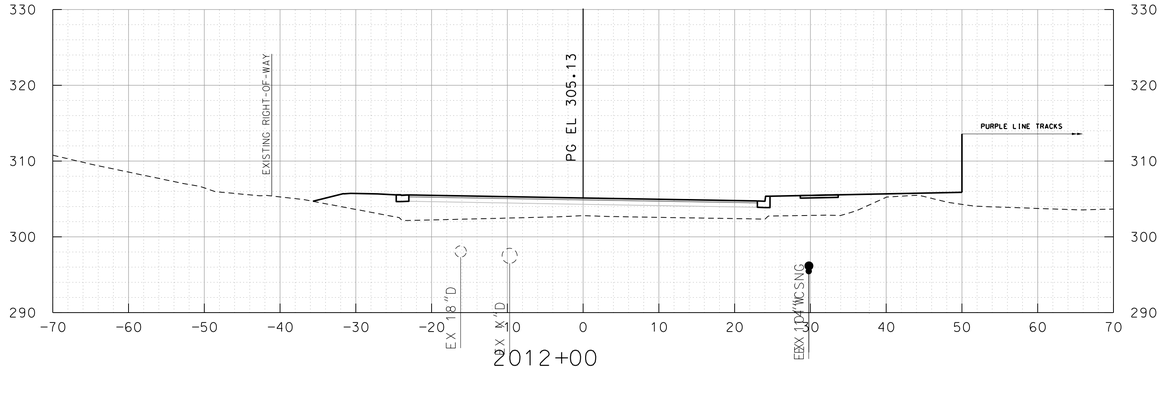
2011+00



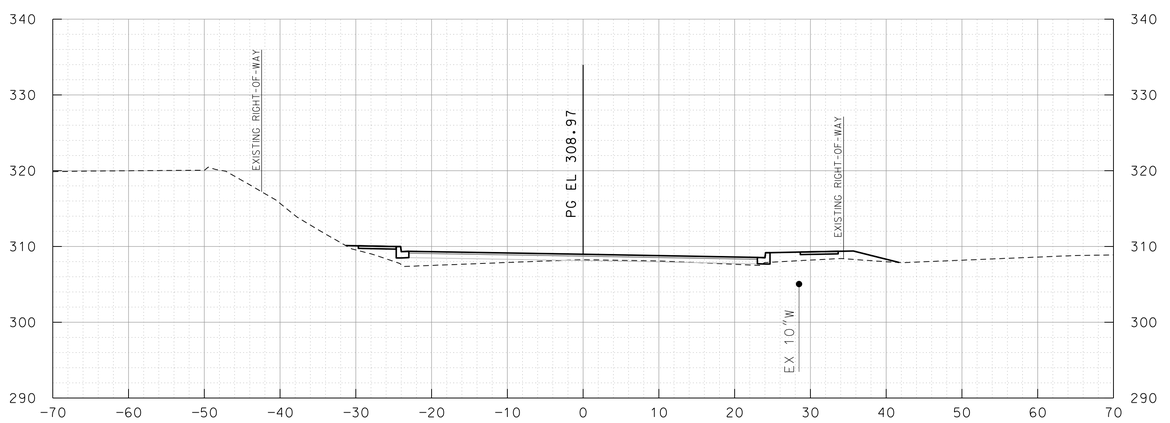
2010+50



2010+23



2012+00



2011+50

10' 0 10' 20'
SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION MTA Maryland

Gannett Fleming WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS – STEWART AVE
STA 2010+23 TO STA 2012+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-677
SHEET NO. 686 OF 736

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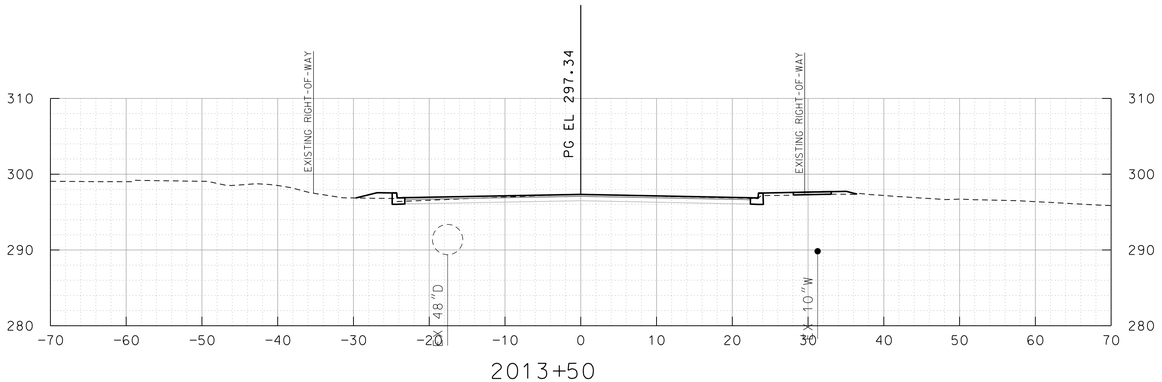
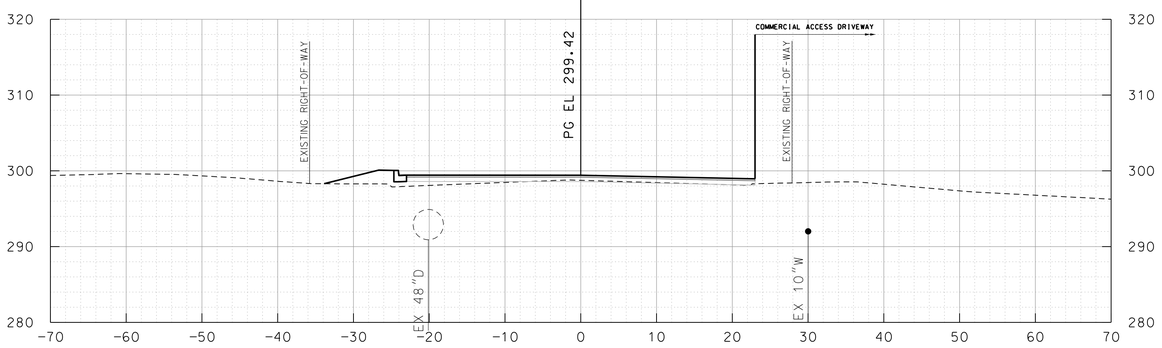
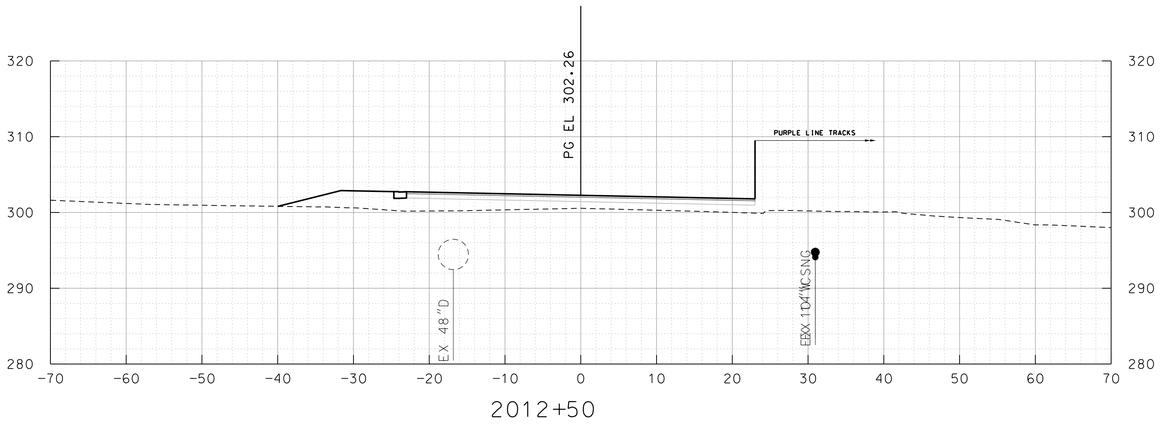
12/11/2013



2013+50



2013+00



2012+50

10' 0 10' 20'

SCALE: 1"=10'

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS – STEWART AVE
STA 2012+50 TO STA 2015+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-678

SHEET NO. 687 OF 736

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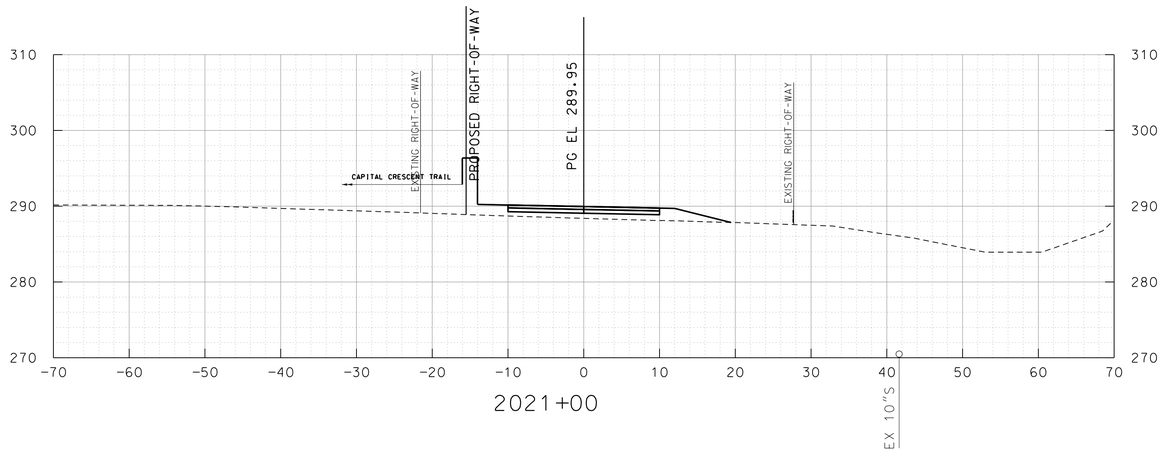
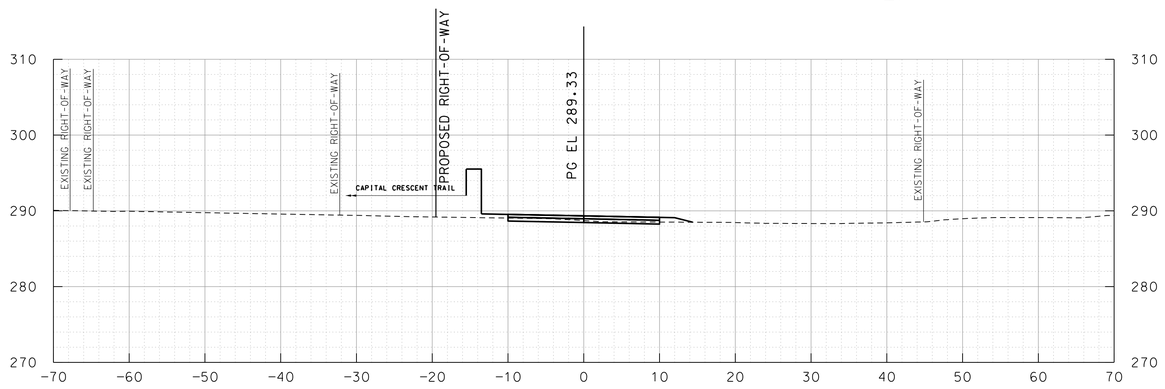
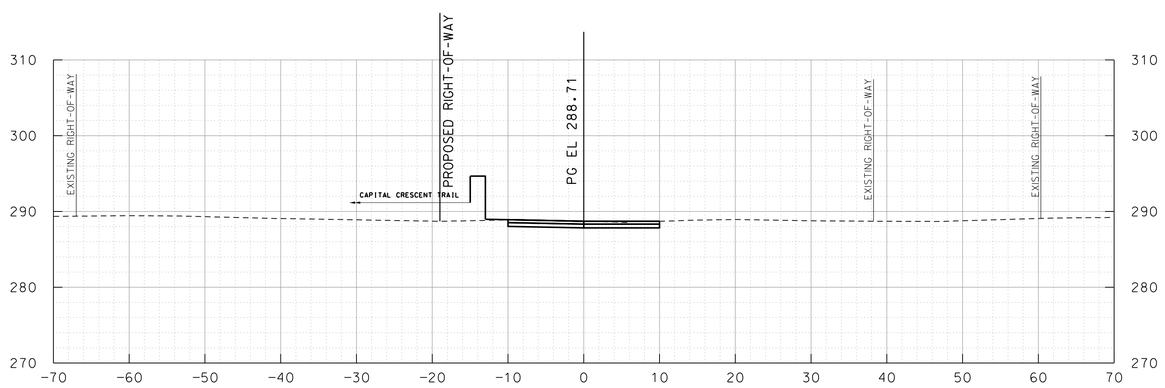
12/11/2013



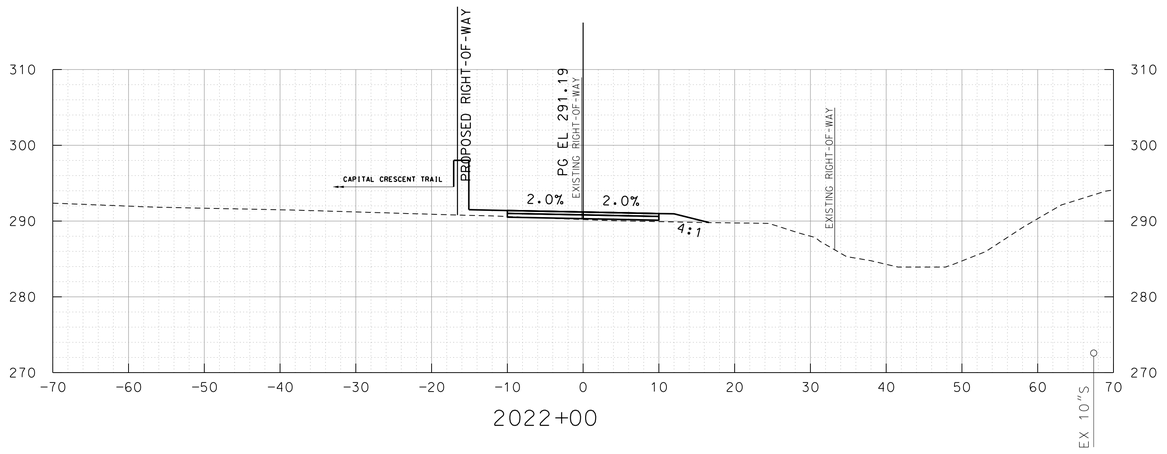
2021+00



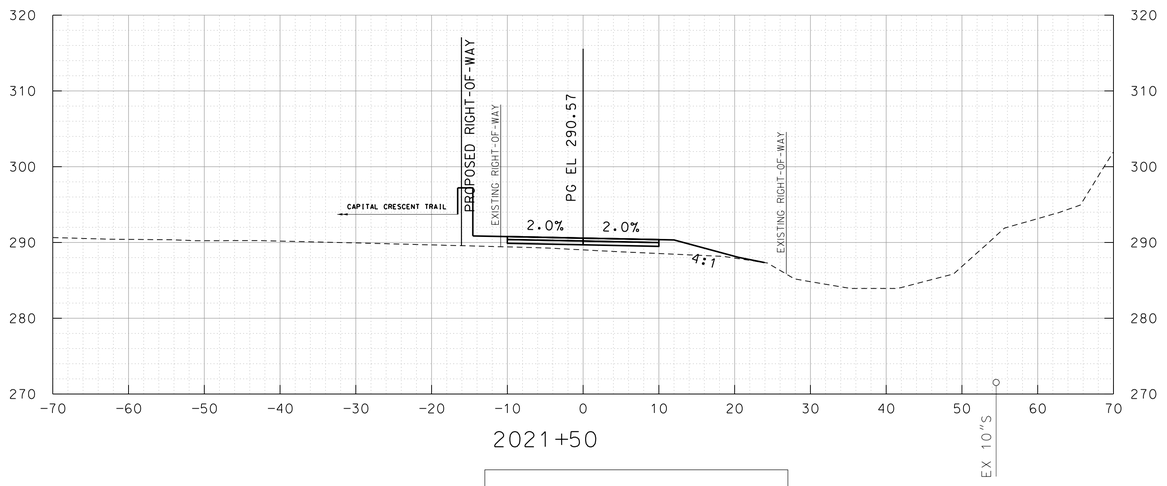
2020+50



2020+00



2022+00



2021+50

10' 0 10' 20'

SCALE: 1"=10'

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS – CAMPANARO DRIVEWAY
STA 2020+00 TO STA 2022+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-679

SHEET NO. 688 OF 736

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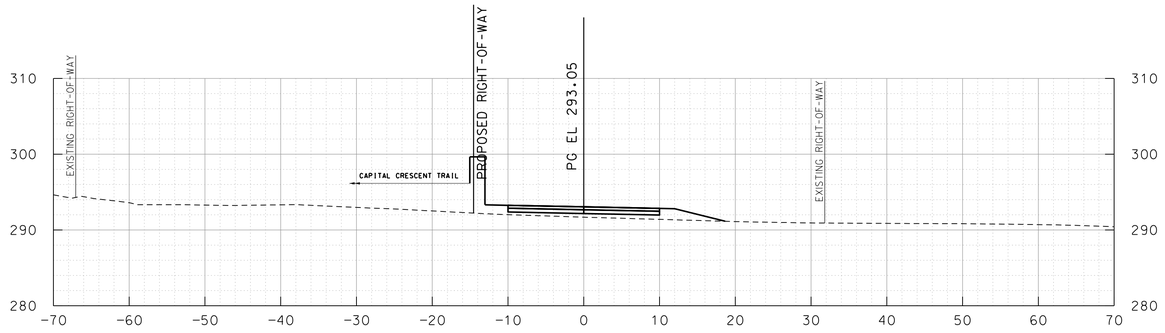
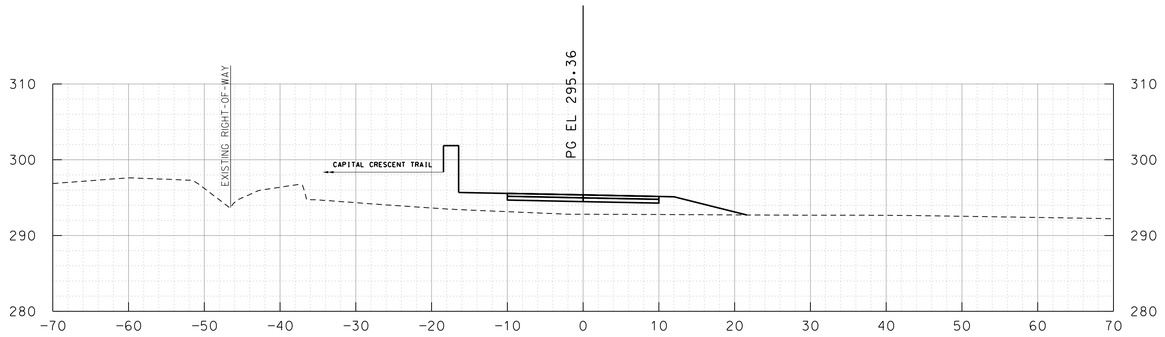
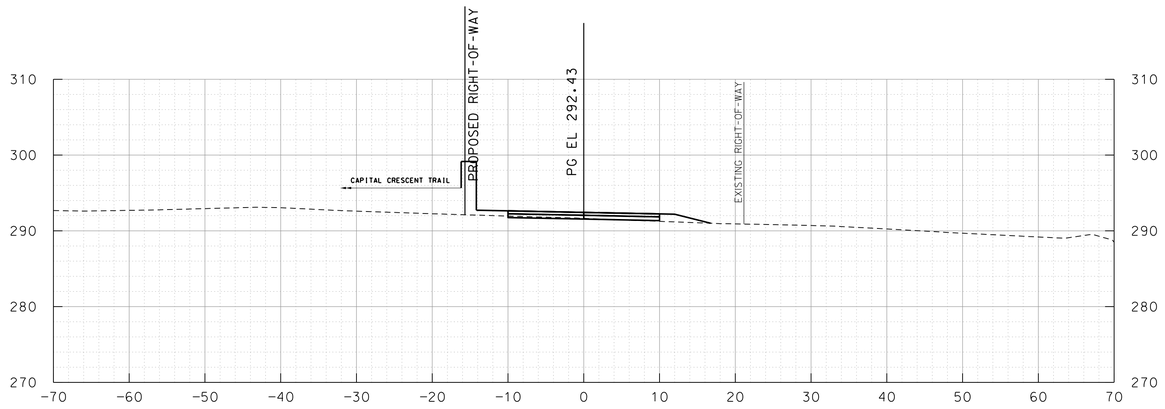
12/11/2013



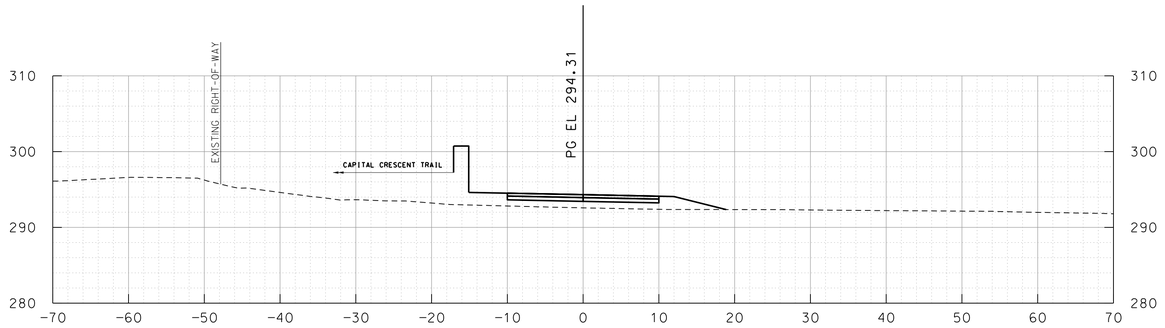
2023+50



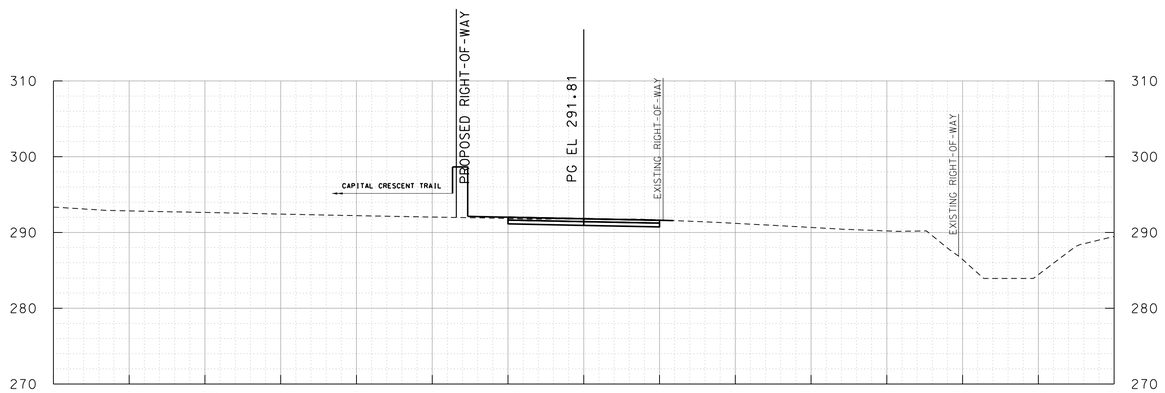
2025+00



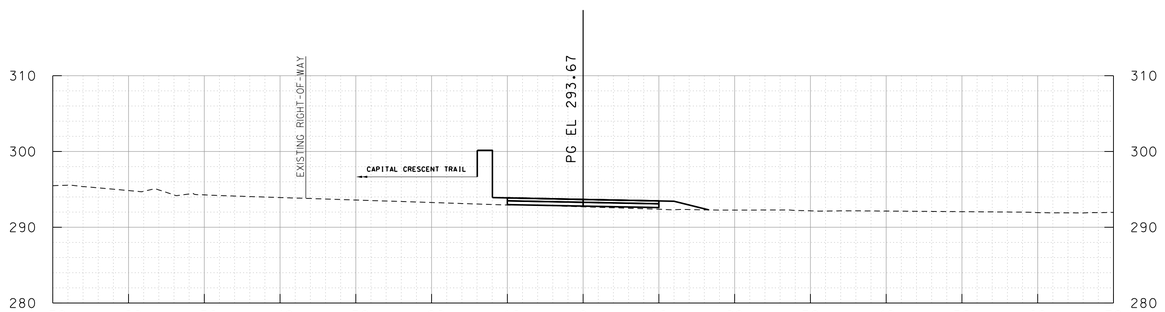
2023+00



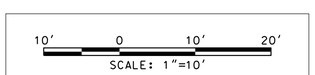
2024+50



2022+50



2024+00



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION MTA Maryland

Gannett Fleming WR&A

PROFESSIONAL CERTIFICATION

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS – CAMPANARO DRIVEWAY
STA 2022+50 TO STA 2025+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-680
SHEET NO. 689 OF 736

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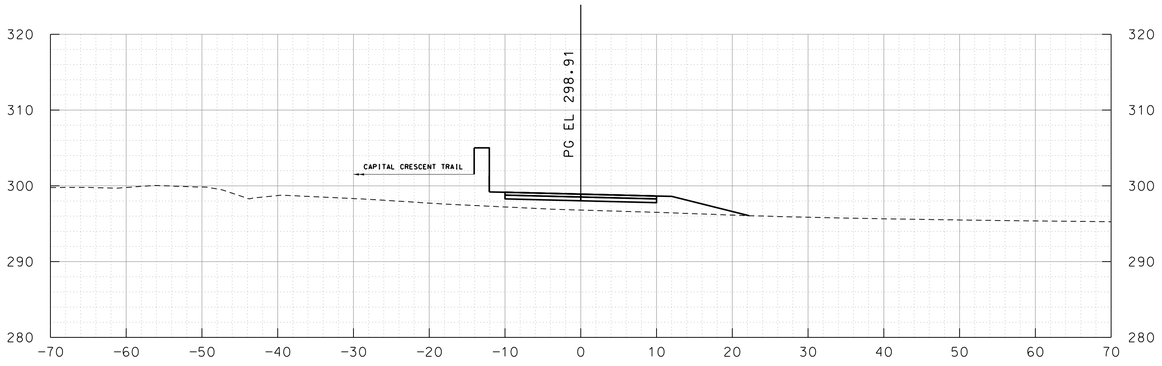
12/11/2013



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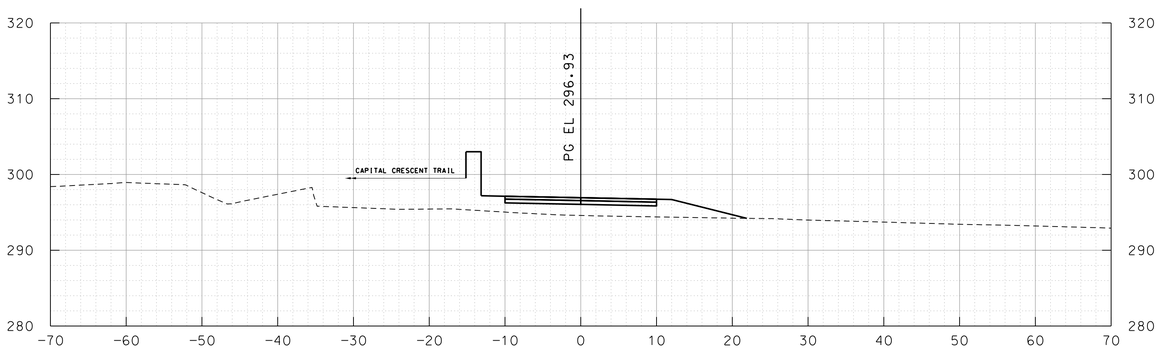
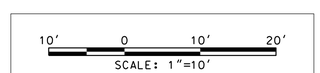


2025+50



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MTA Maryland

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WR&A

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DESIGN

DRAWN

CHECK

APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS – CAMPANARO DRIVEWAY

STA 2025+00 TO STA 2026+29

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-681

SHEET NO. 690 OF 736

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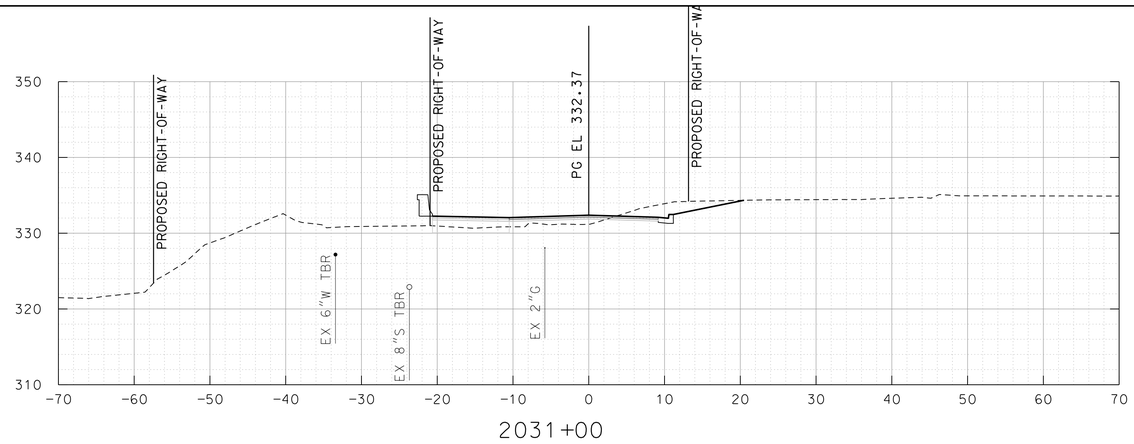
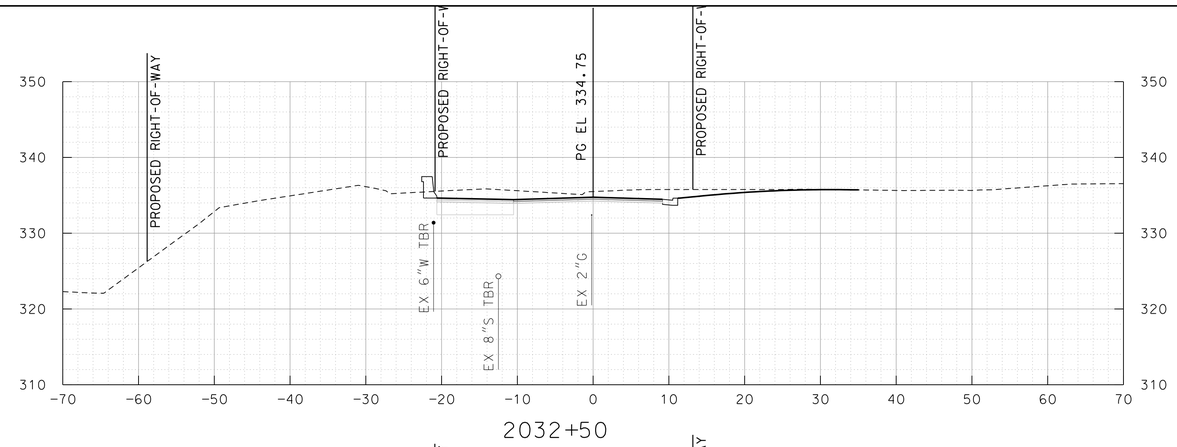
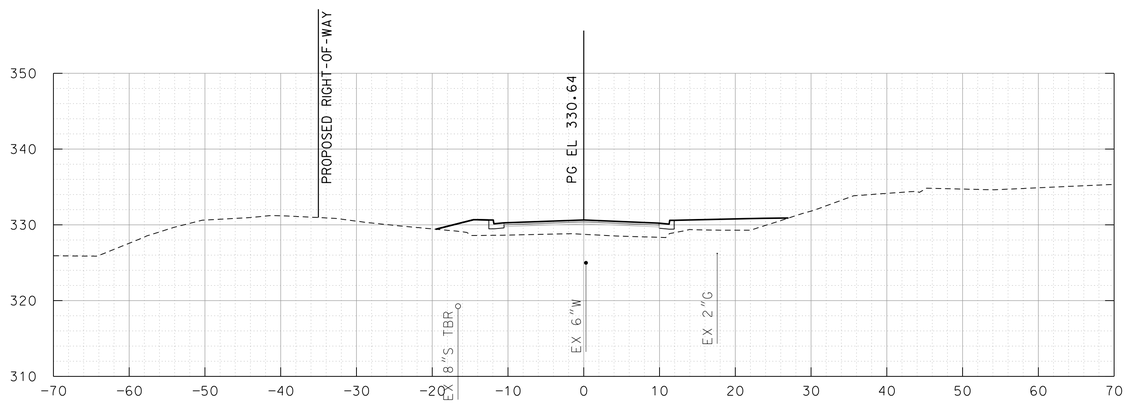
12/11/2013



2031+00



2032+50



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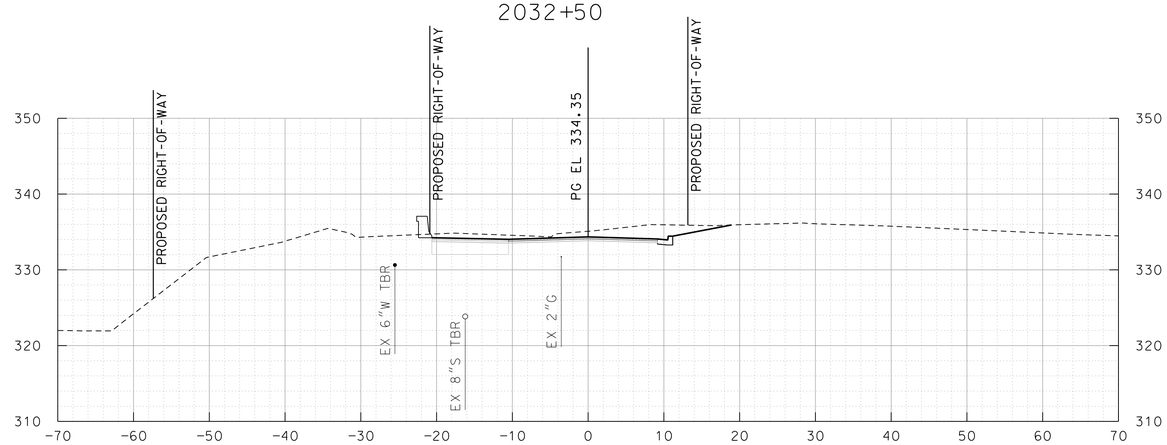

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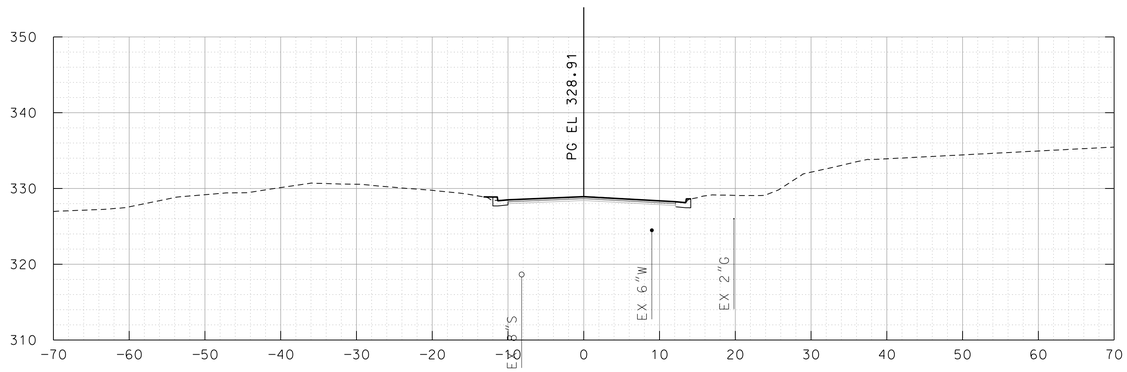

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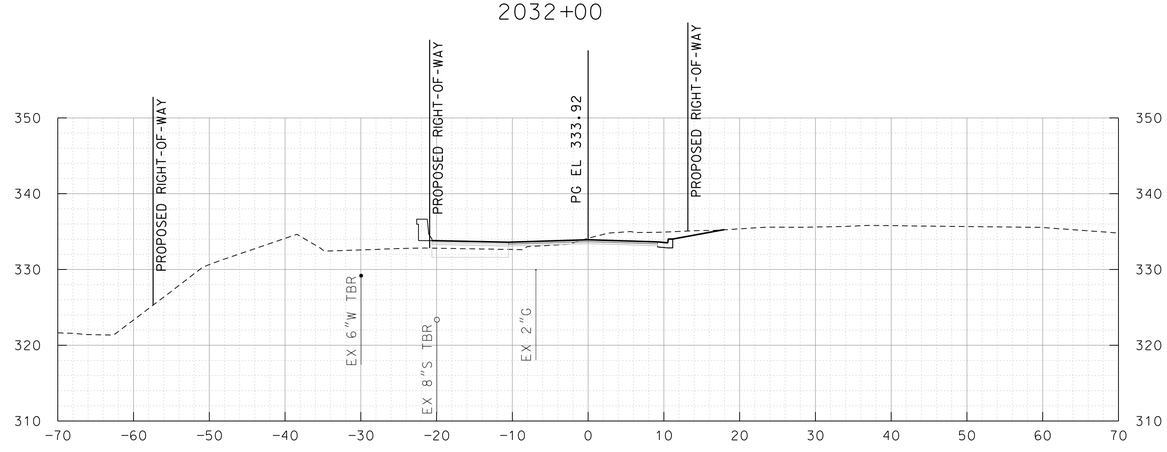

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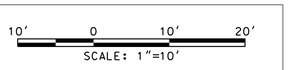

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION

MTA Maryland

Gannett Fleming

WR&A

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS – TALBOT AVE

STA 2030+00 TO STA 2032+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T–1042–0220

DRAWING NO. XS–682

SHEET NO. 691 OF 736

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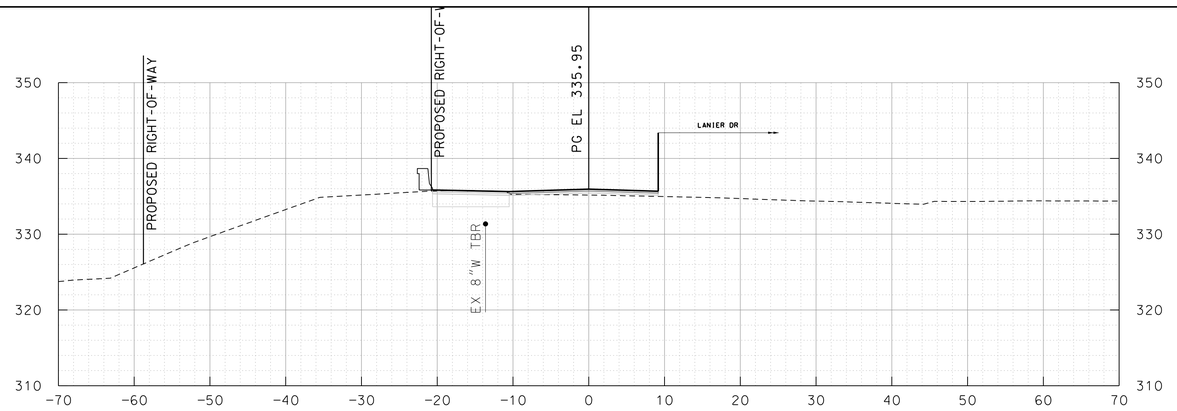
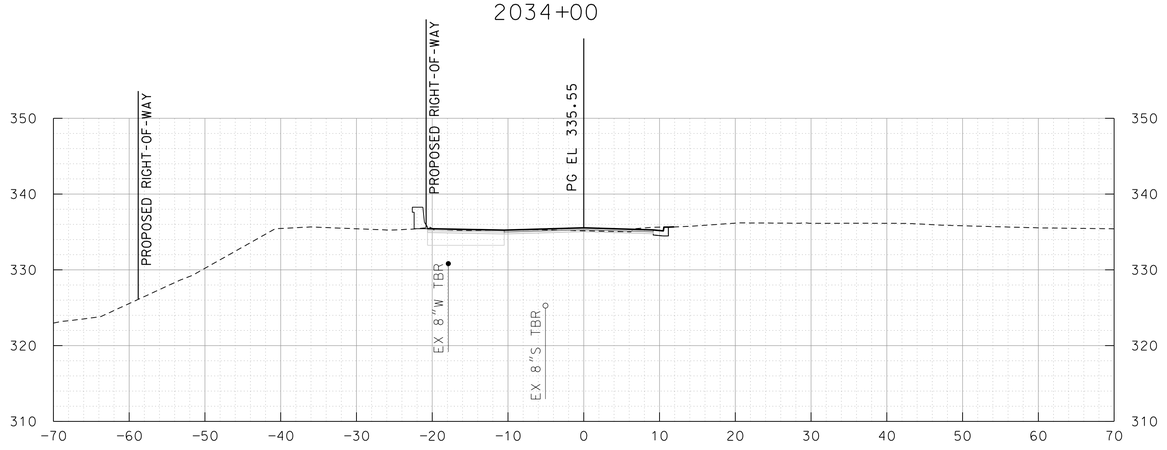
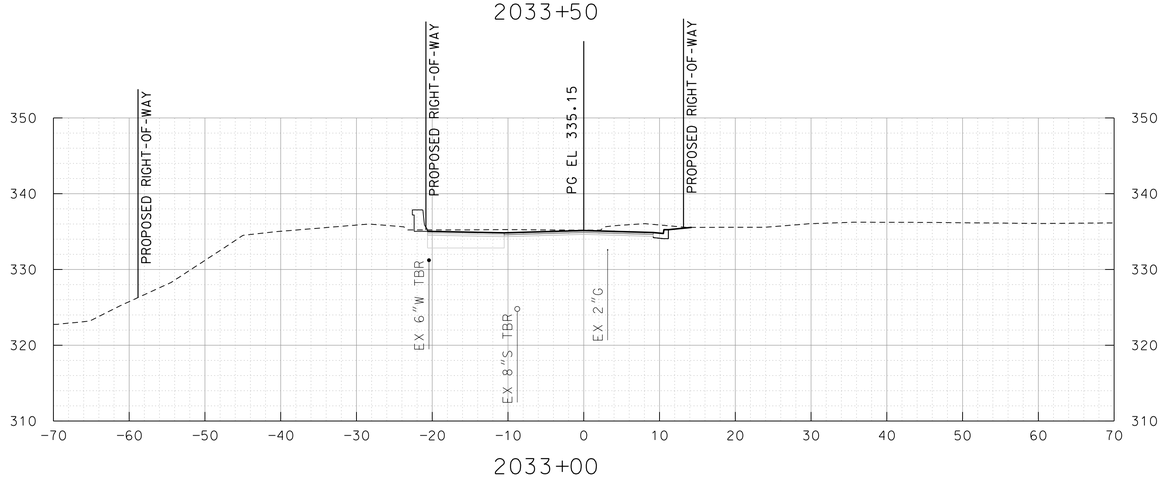
12/11/2013



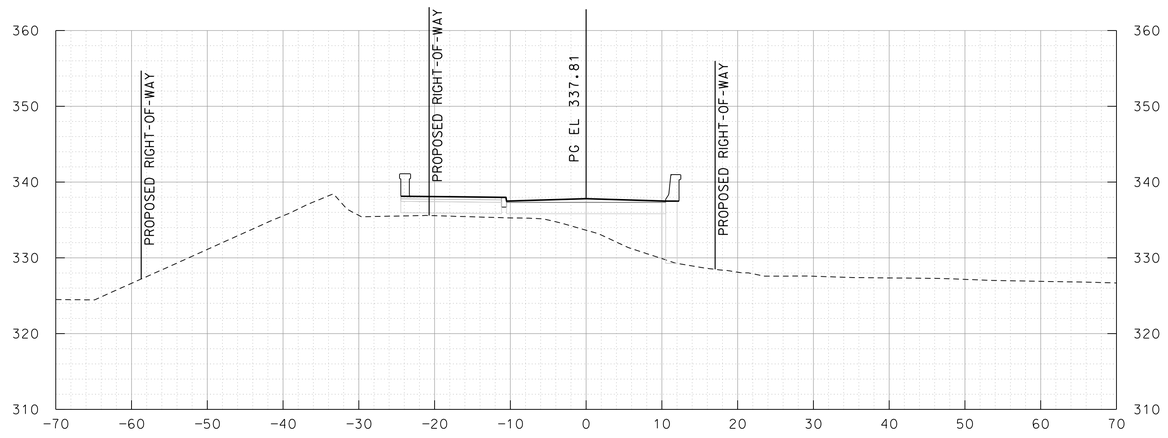
2034+00



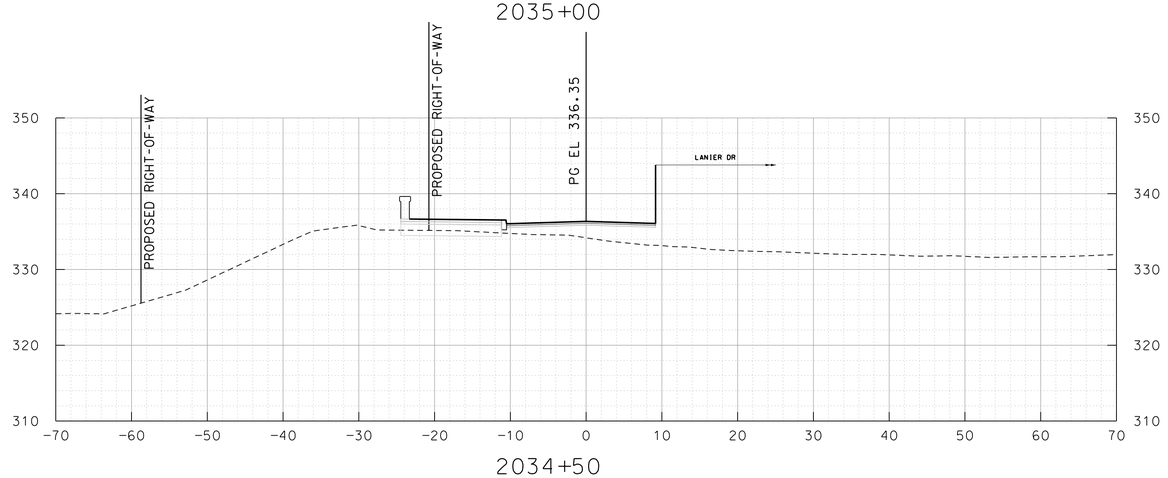
2033+50



2033+00



2035+00



2034+50

10′ 0 10′ 20′
SCALE: 1"=10′

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS – TALBOT AVE
STA 2033+00 TO STA 2035+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-683
SHEET NO. 692 OF 736

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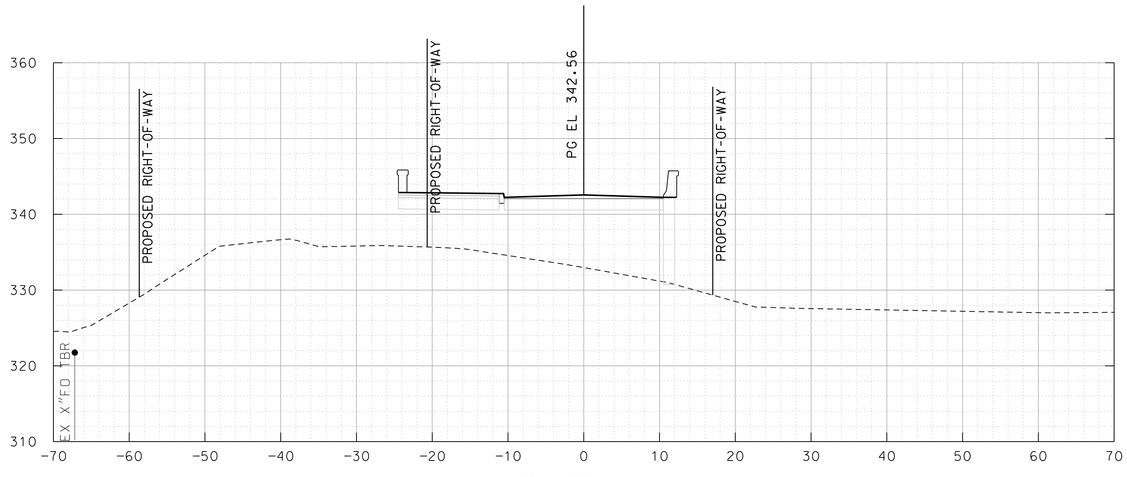
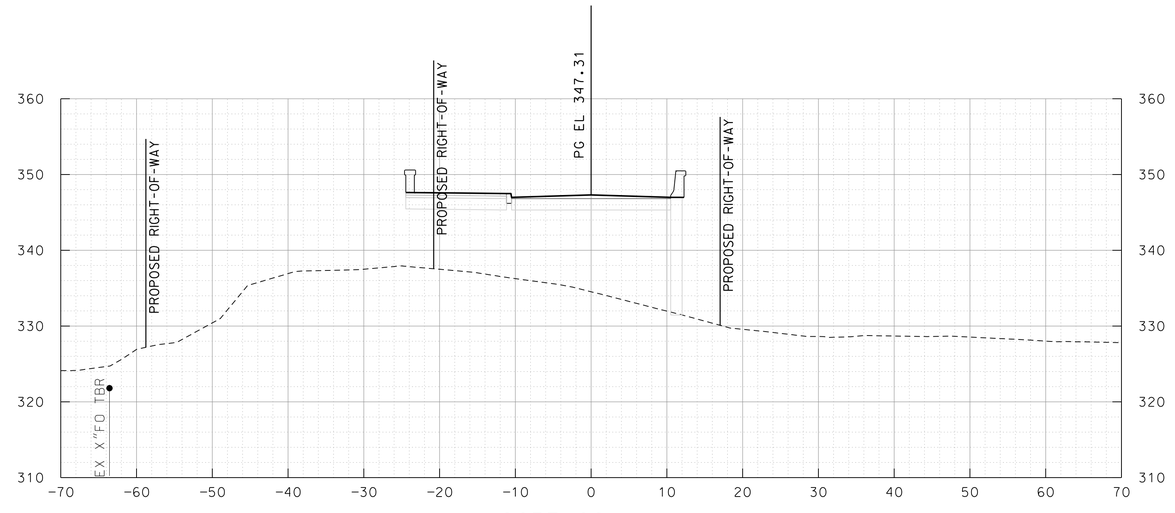
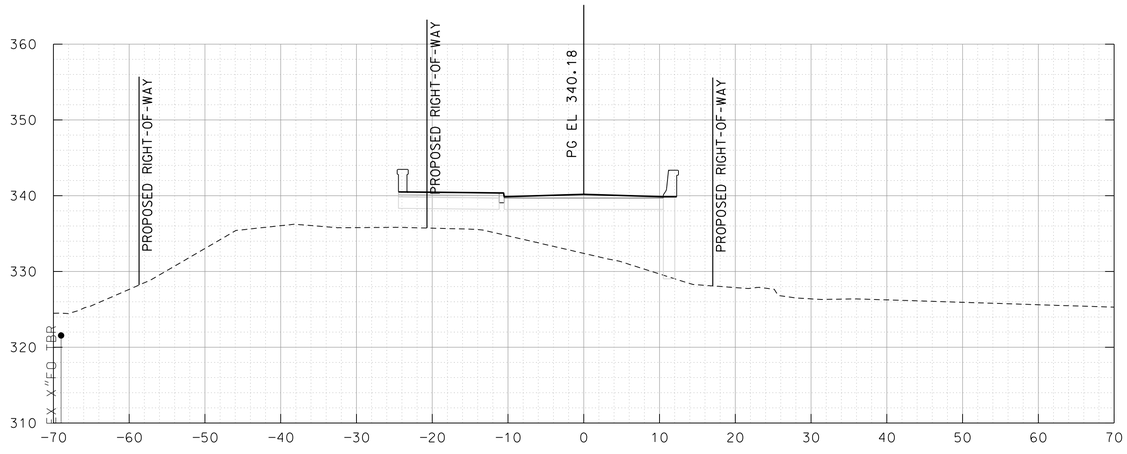
12/11/2013



2036+00



2037+00



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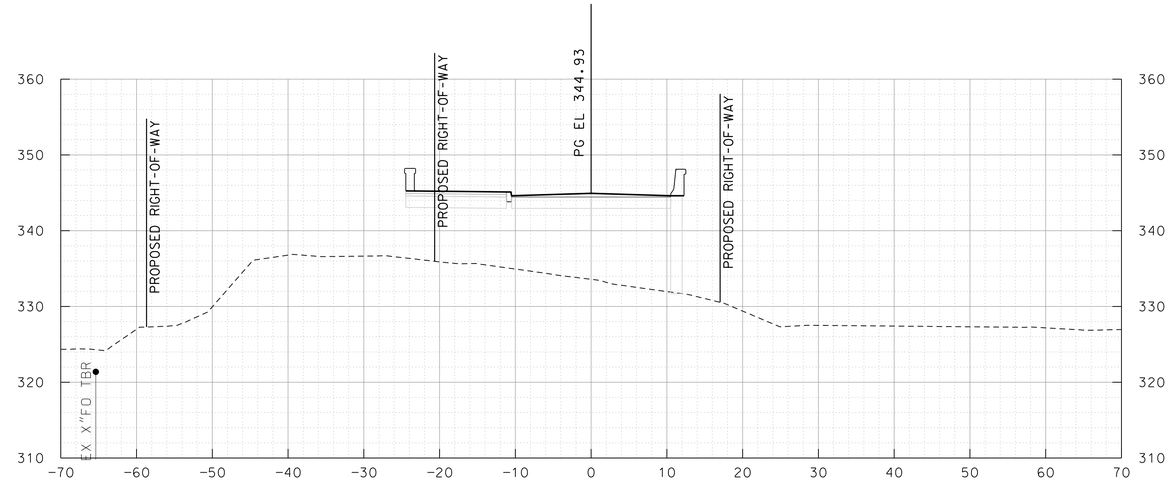
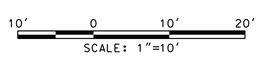


2036+50



MARYLAND DEPARTMENT OF TRANSPORTATION

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Gannett Fleming — WR&A

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS – TALBOT AVE
STA 2035+50 TO STA 2037+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-684
SHEET NO. 693 OF 736

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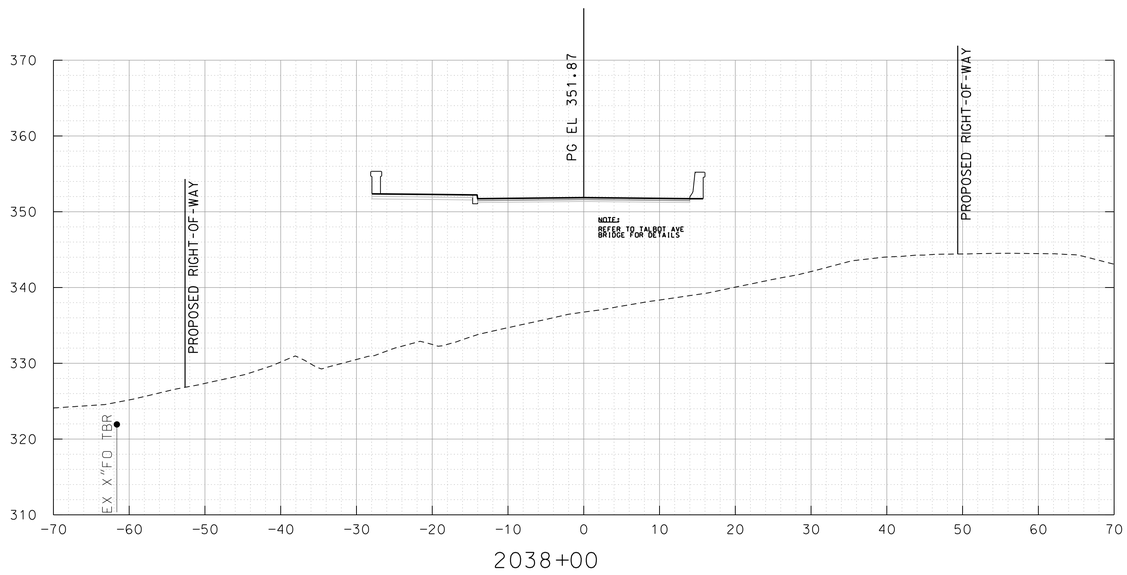
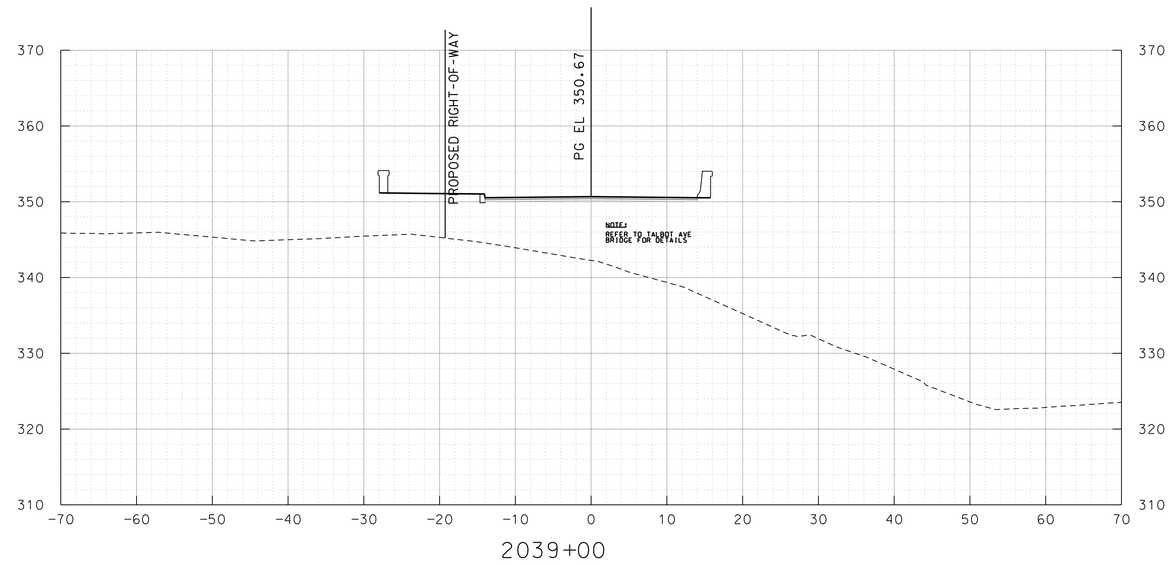
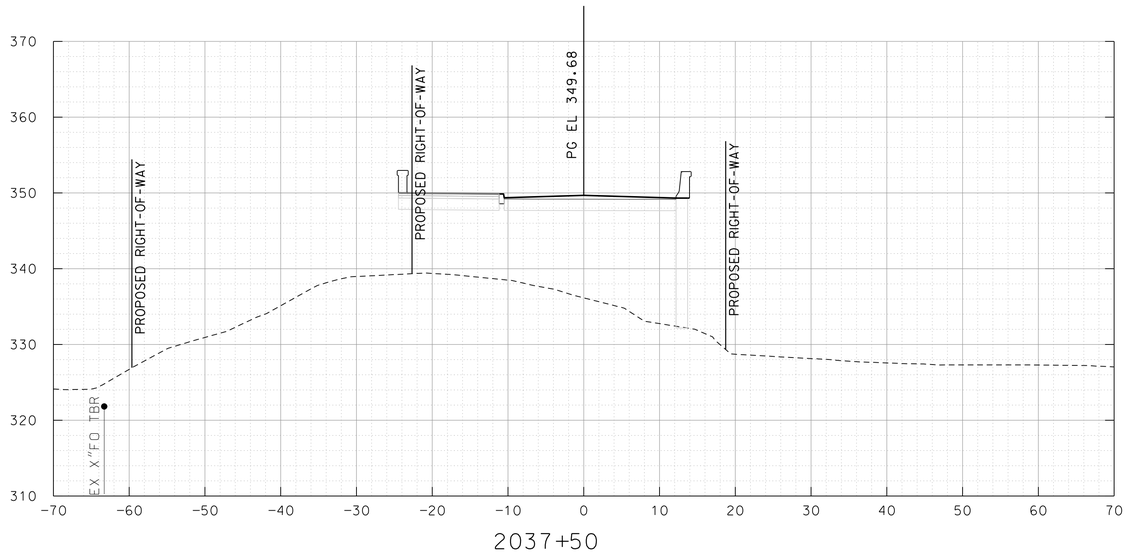
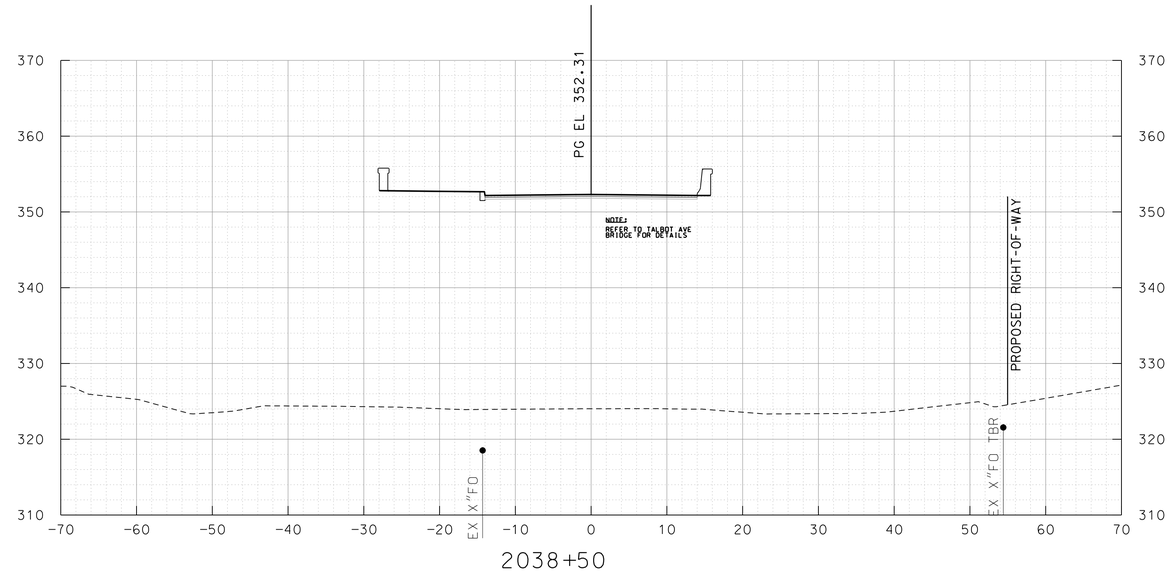
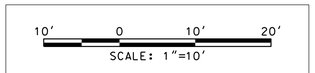
12/11/2013











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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS – TALBOT AVE
STA 2037+50 TO STA 2039+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-685

SHEET NO. 694 OF 736

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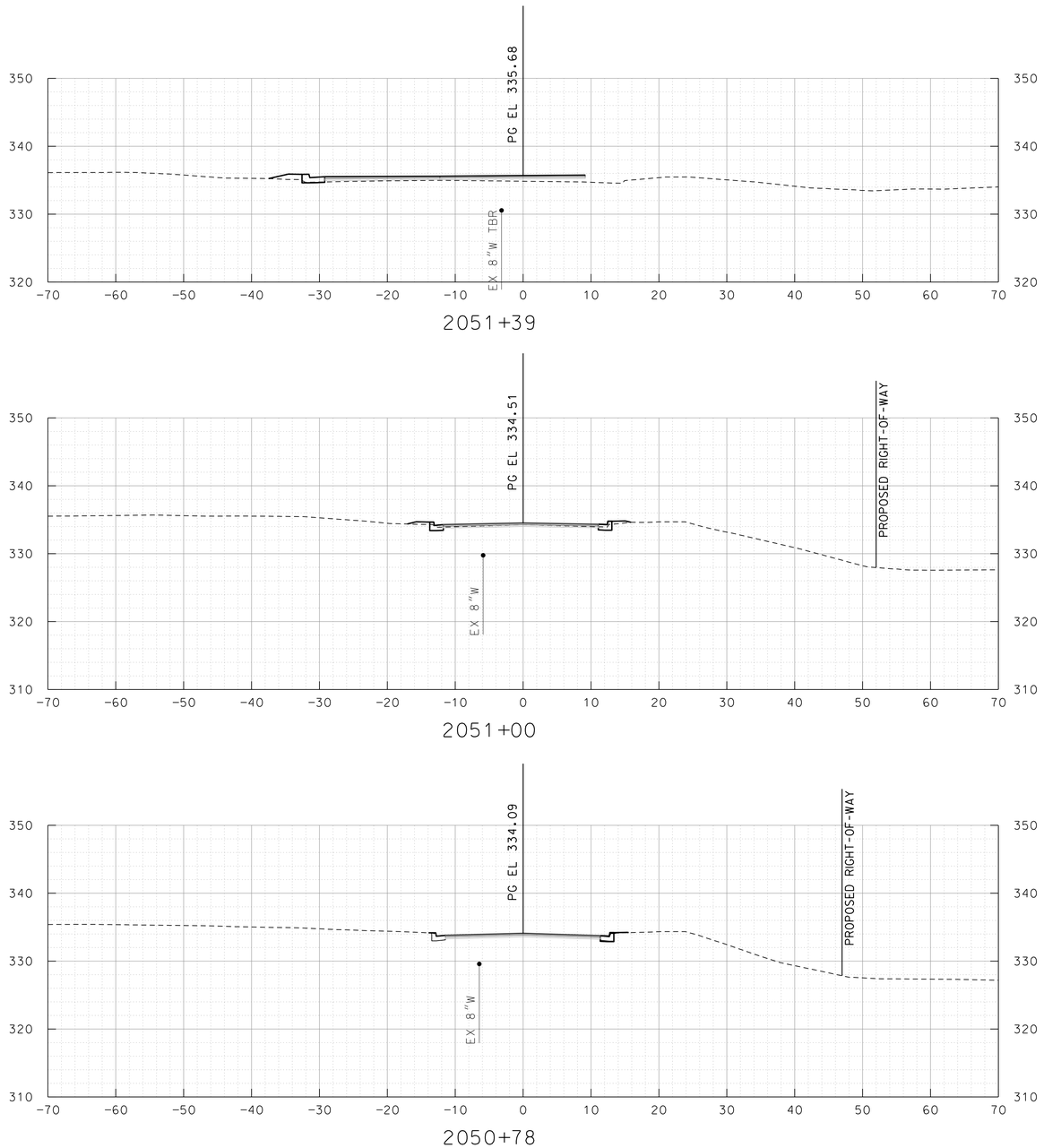
12/11/2013



2051+39

2051+00

2050+78

10' 0 10' 20'

SCALE: 1"=10'

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DESIGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS – LANIER DR

STA 2050+78 TO STA 2051+39

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-686

SHEET NO. 695 OF 736

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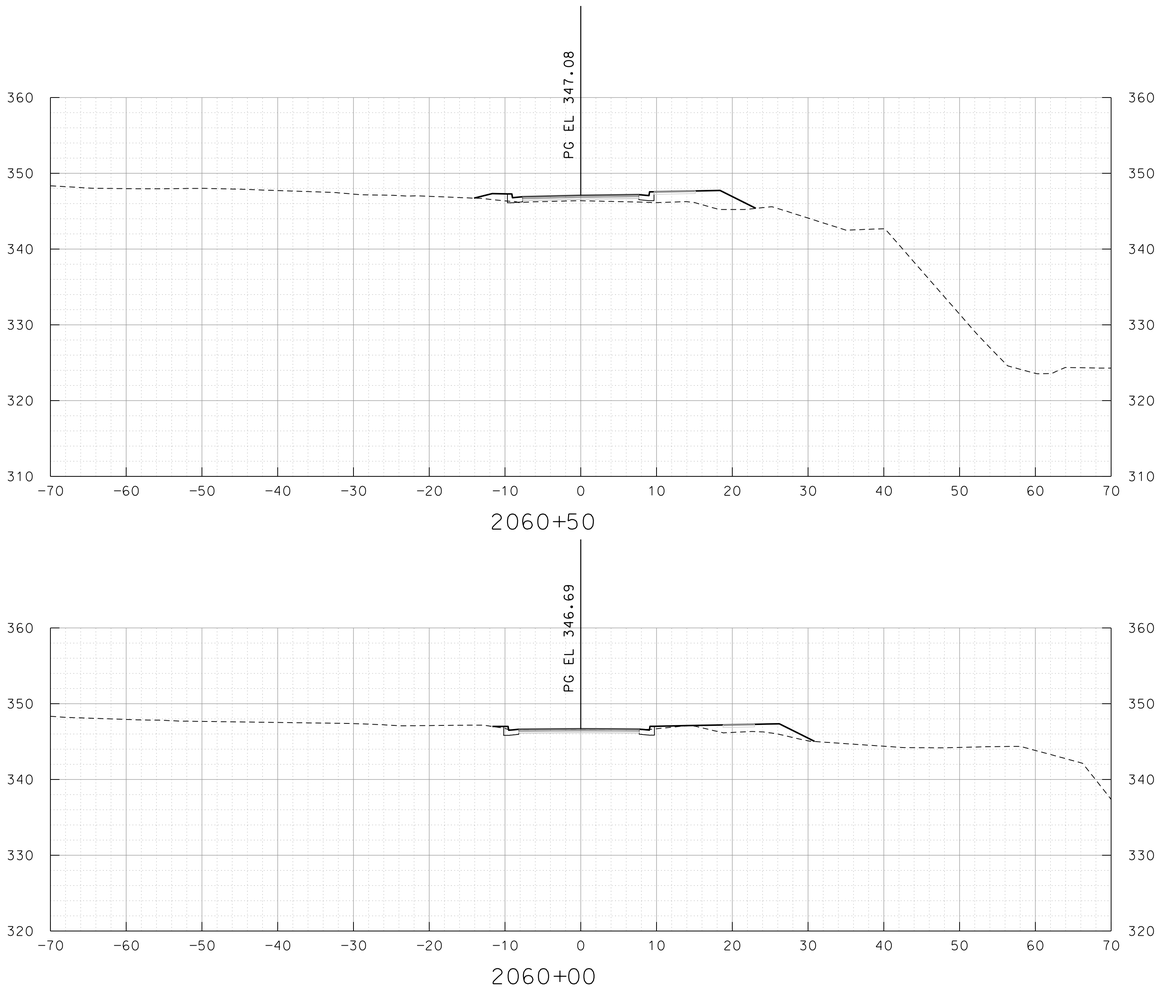
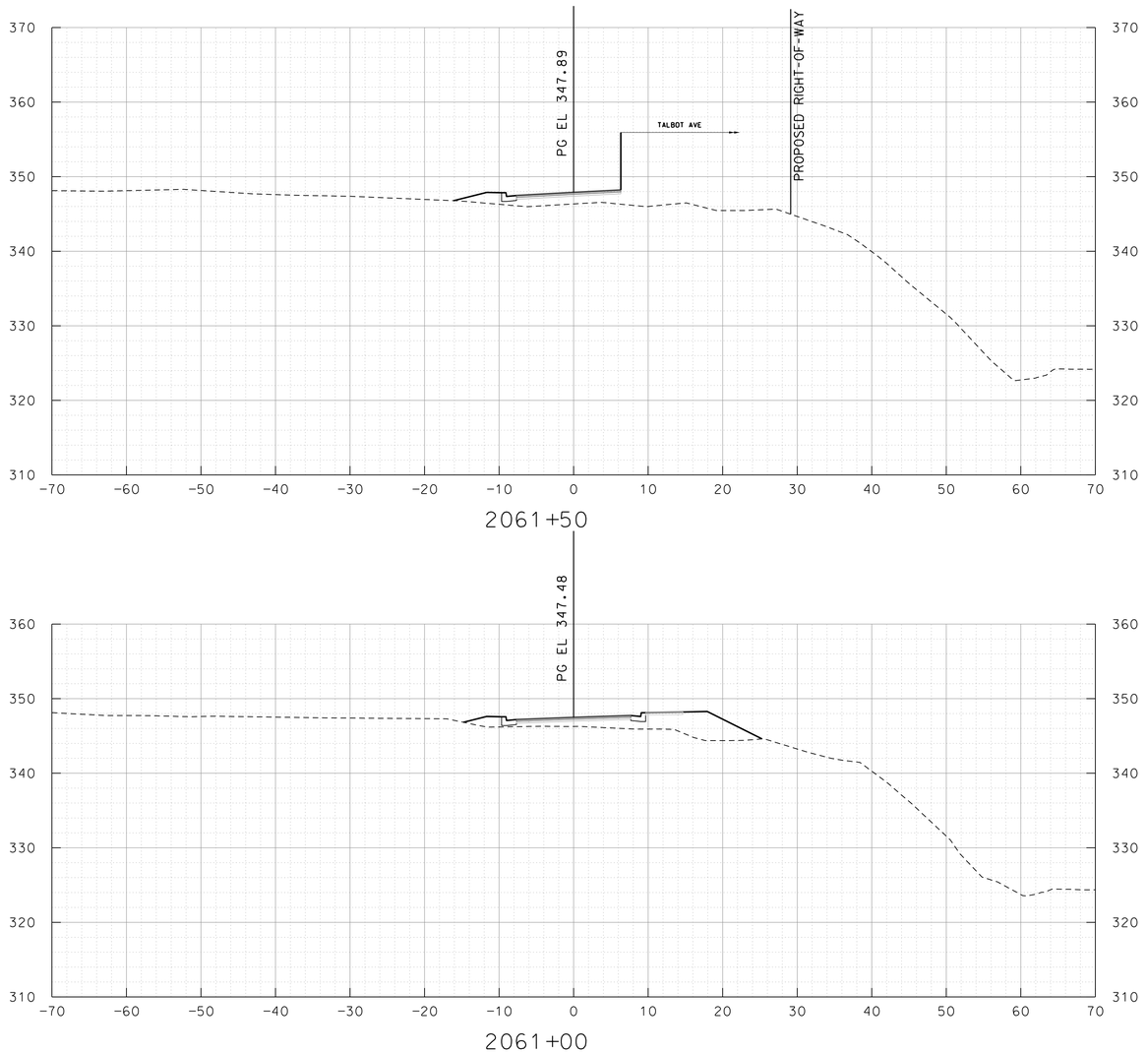
12/11/2013



2060+50

2060+00



2061+50

2061+00

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SCALE: 1"=10'

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS – 4TH AVE
STA 2060+00 TO STA 2061+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-687
SHEET NO. 696 OF 736

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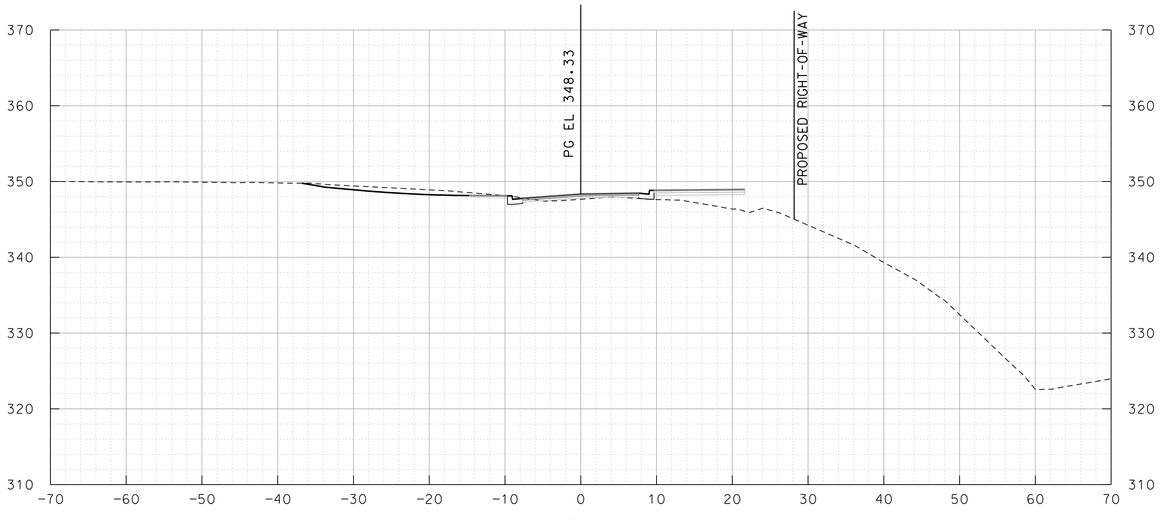
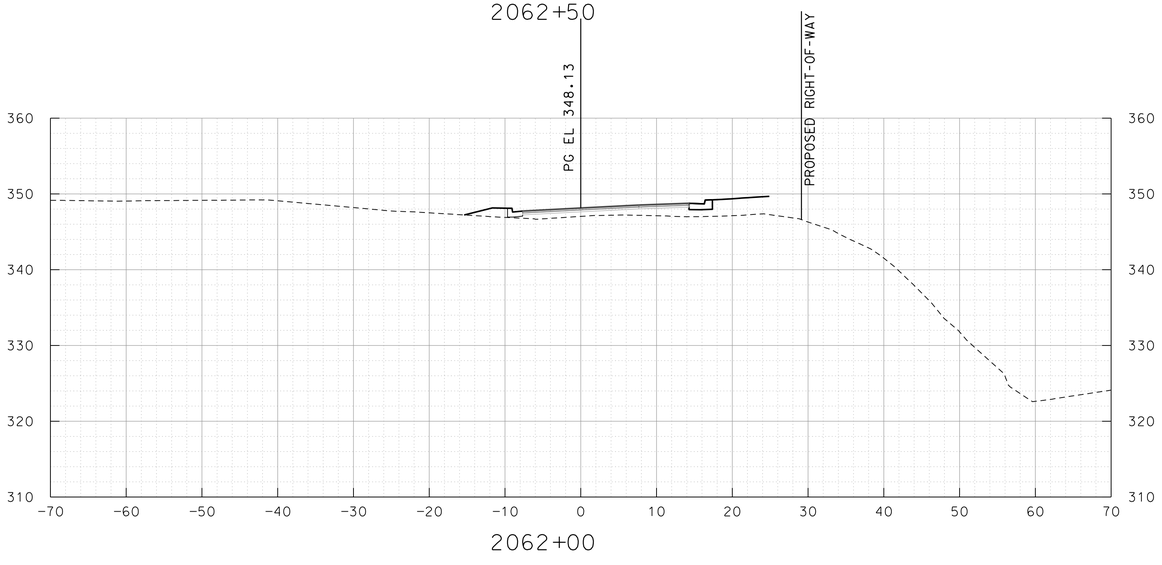
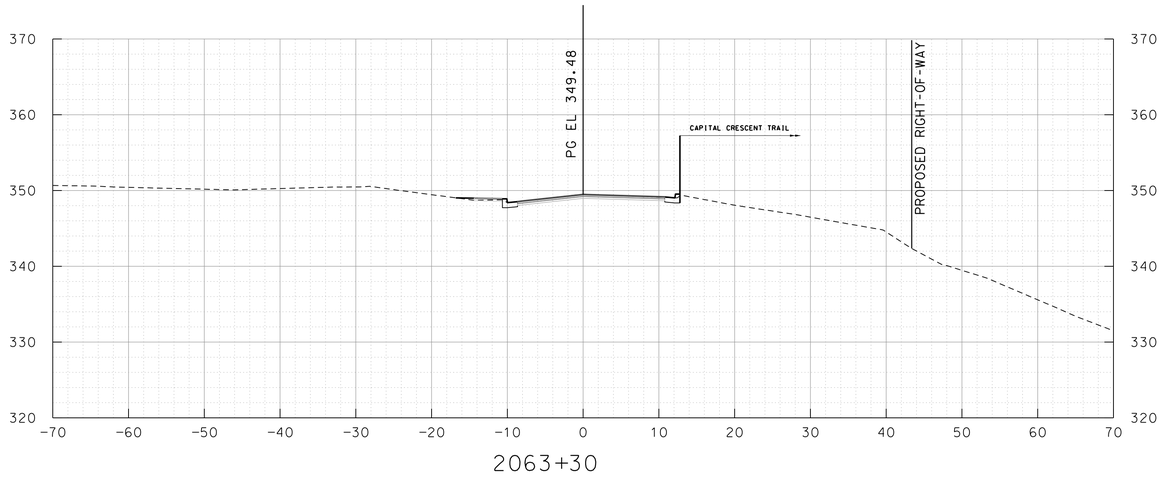
12/11/2013



2062+50



2062+00



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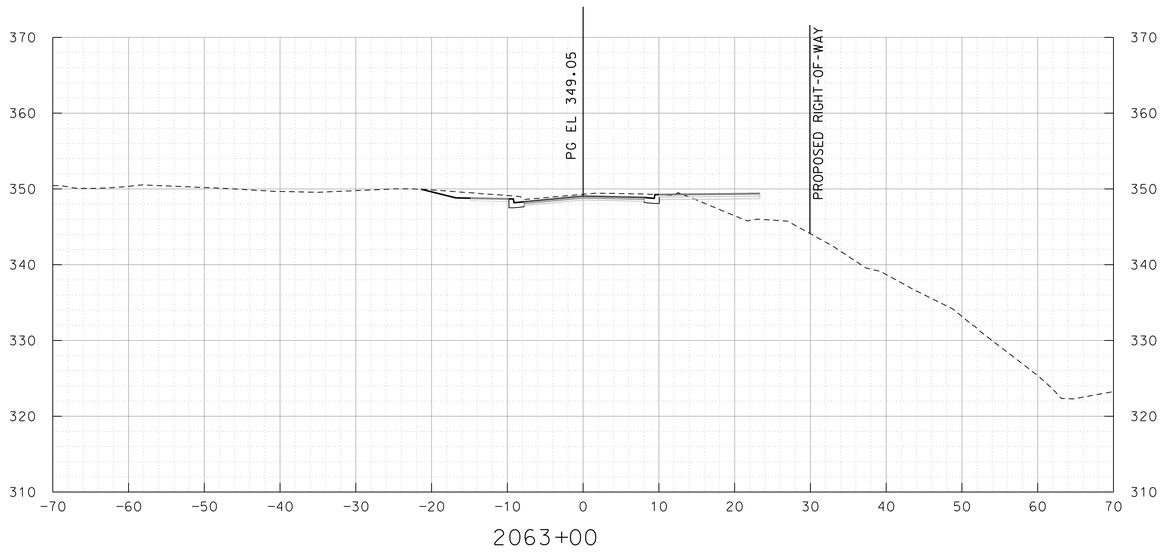
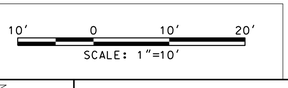


2063+00



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MTA Maryland

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS – 4TH AVE

STA 2062+00 TO STA 2063+30

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-688

SHEET NO. 697 OF 736

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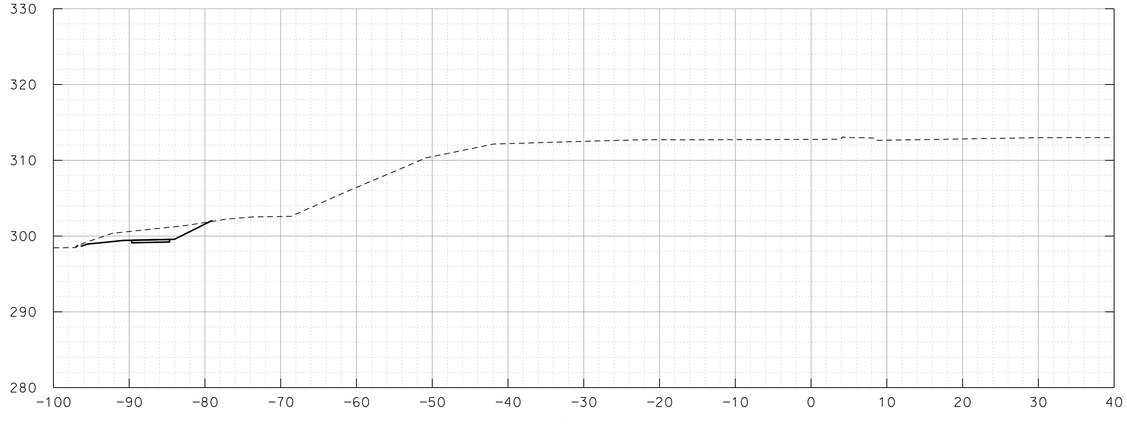
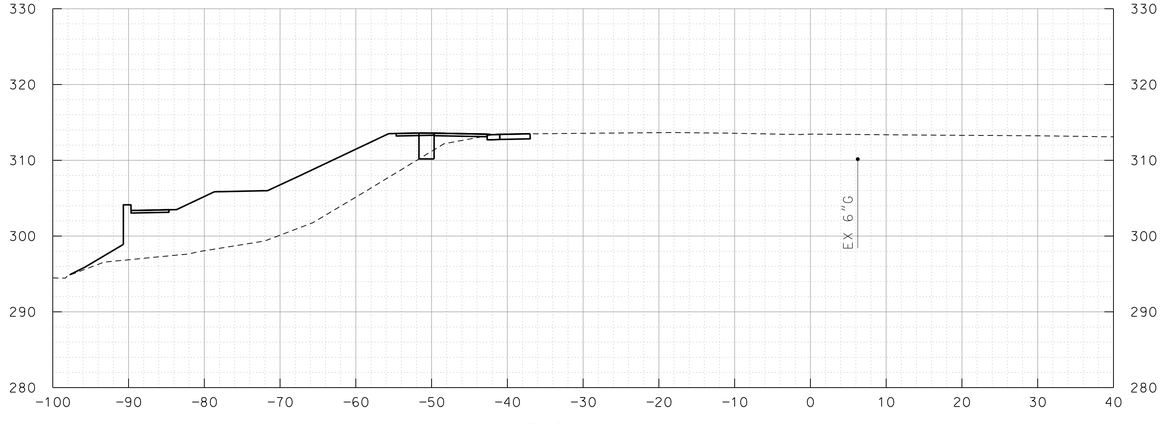
12/11/2013



14+50



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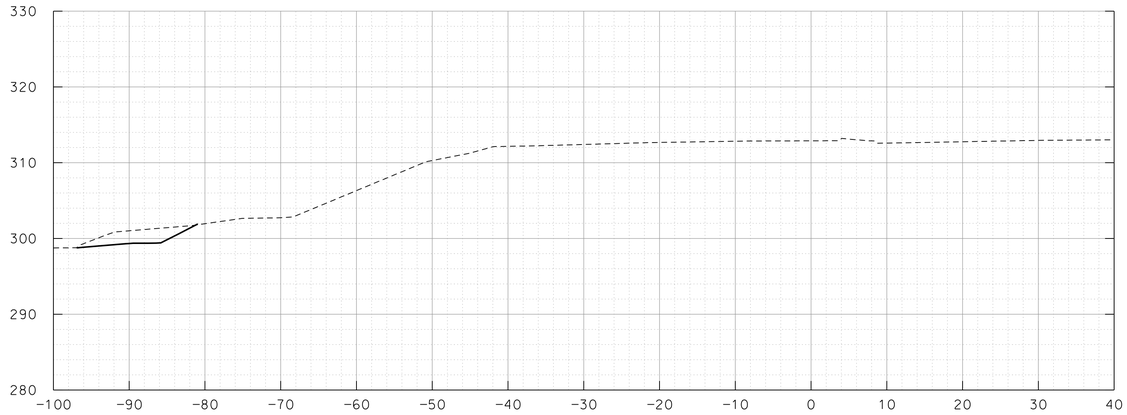
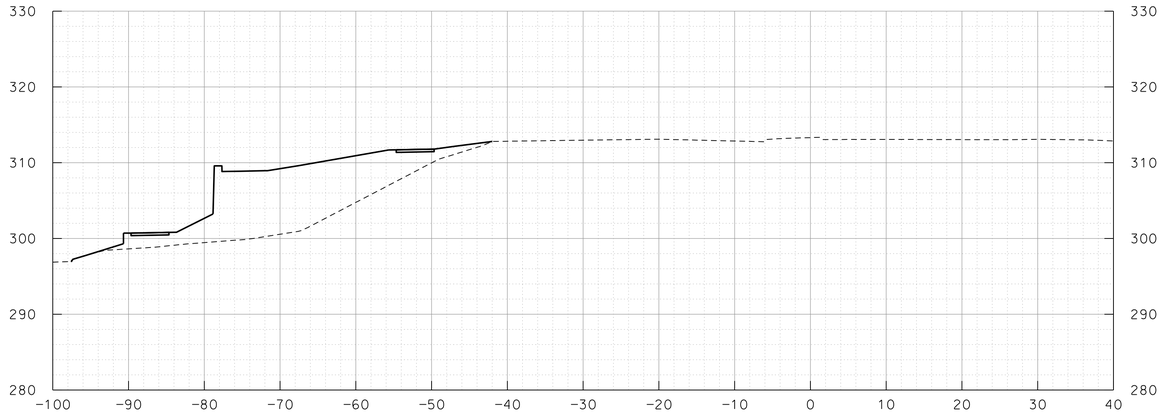
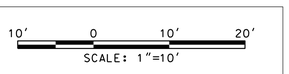


14+40



15+00



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

PROFESSIONAL CERTIFICATION

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS – 16 ST

STA 14+40 TO STA 15+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-689

SHEET NO. 698 OF 736

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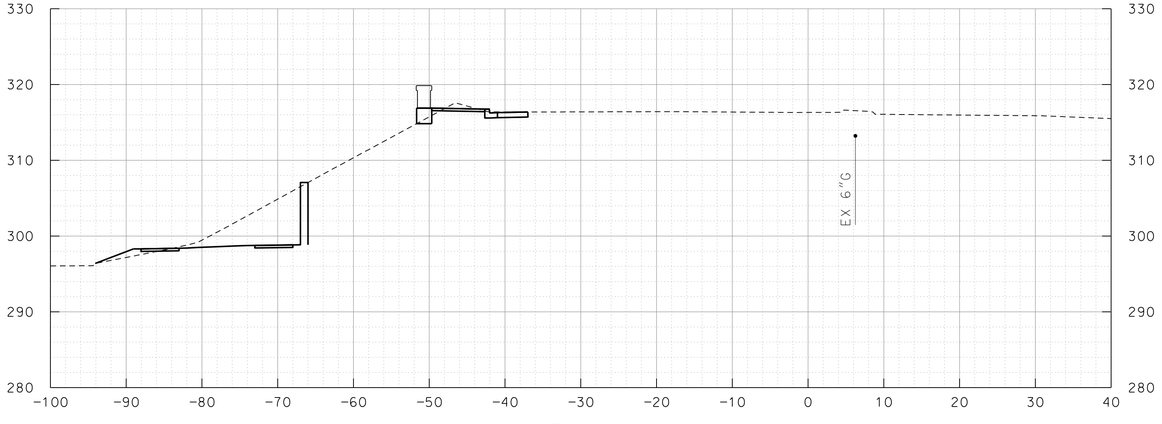
12/11/2013



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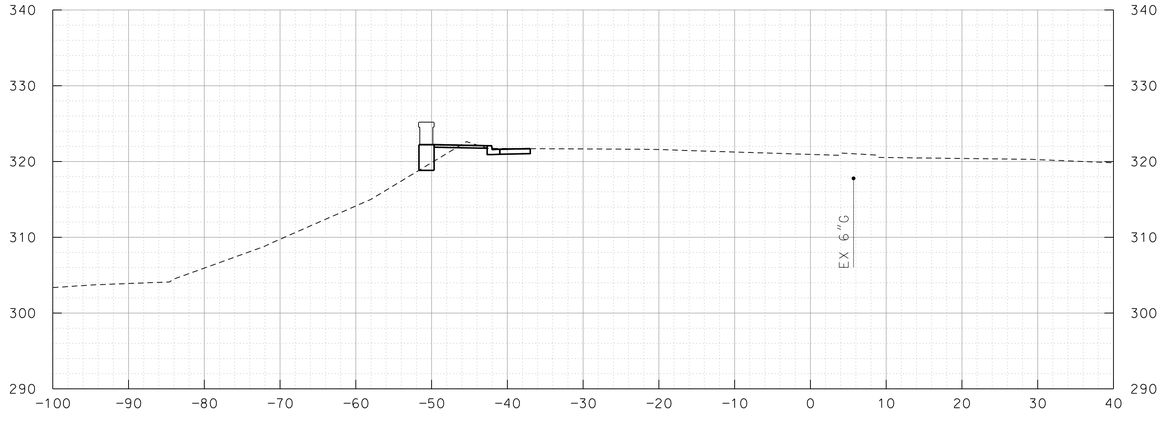

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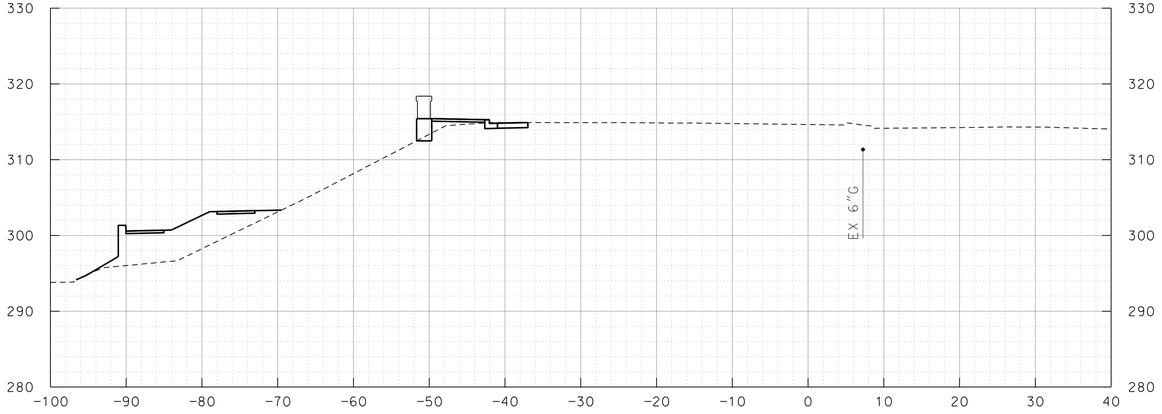
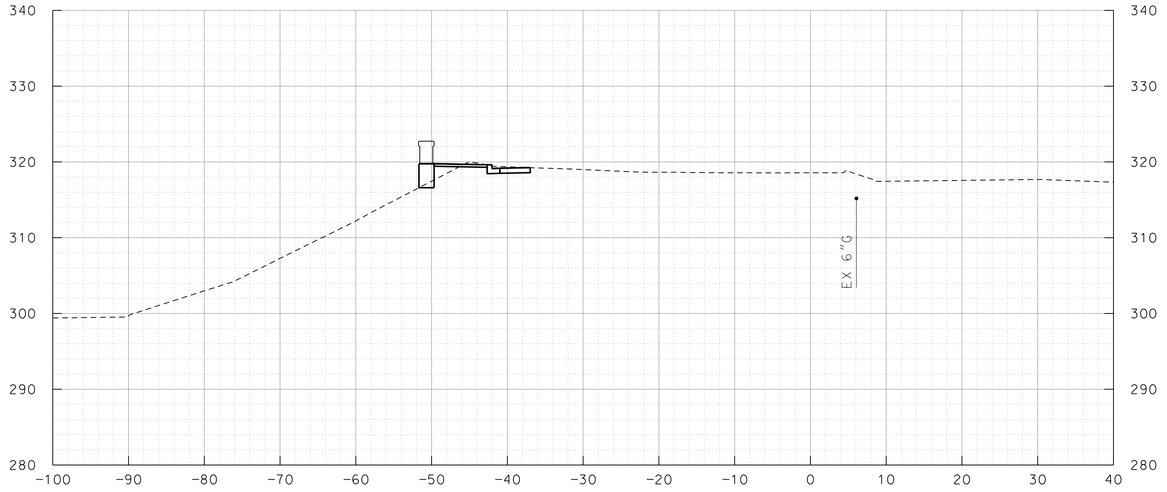


16+00



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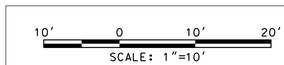

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS – 16 ST

STA 16+00 TO STA 17+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-690

SHEET NO. 699 OF 736

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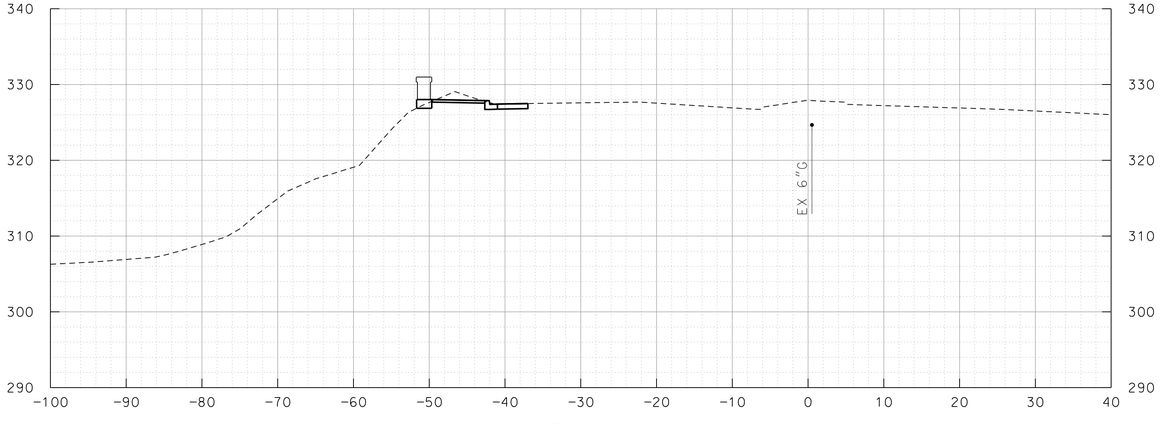
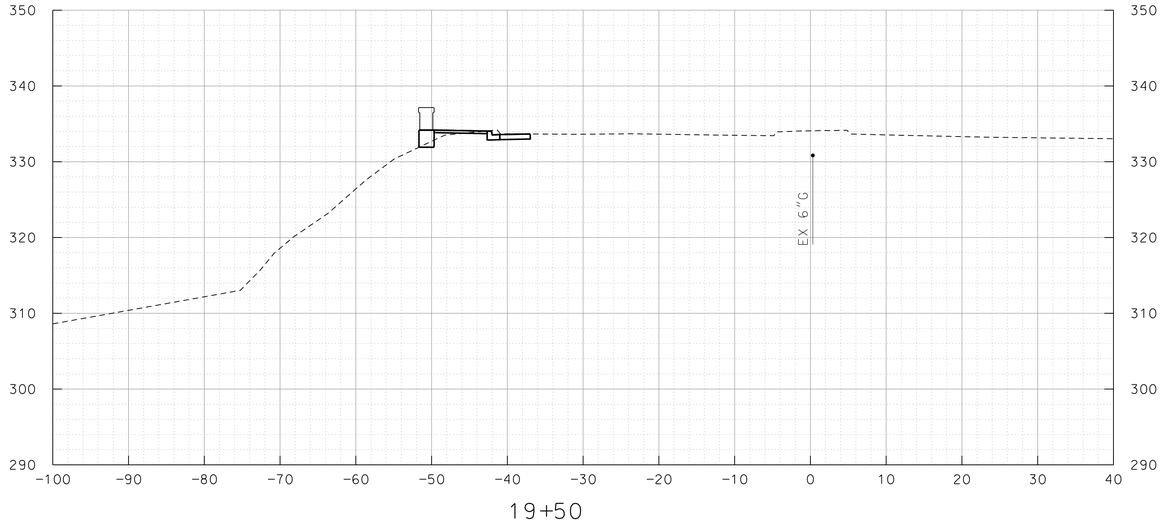
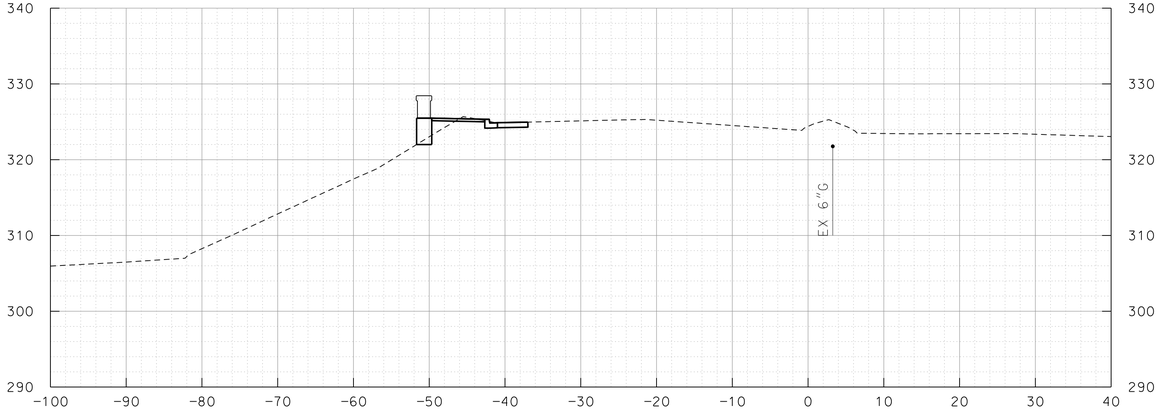
12/11/2013



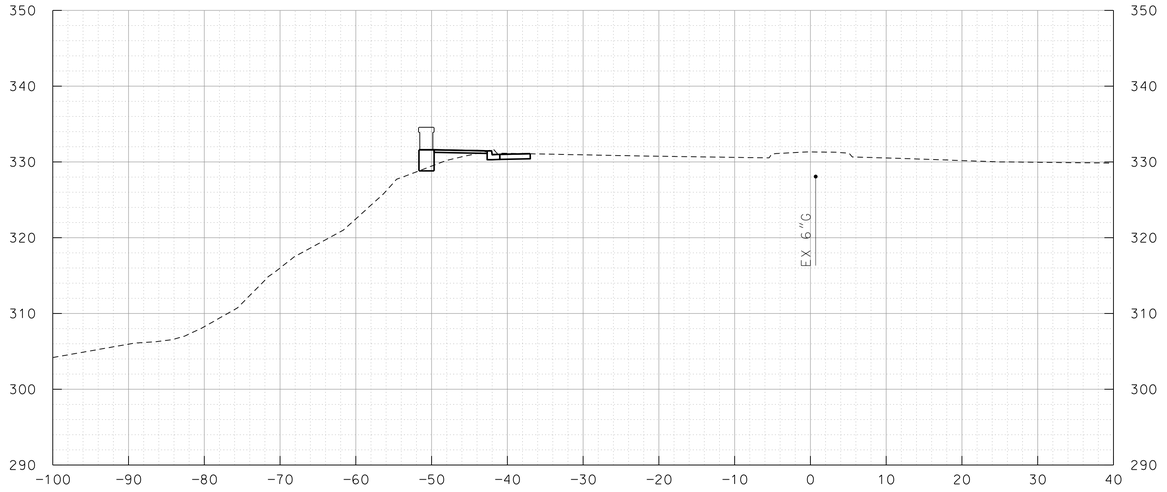
18+50



19+50



18+00



19+00



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MARYLAND TRANSIT ADMINISTRATION

MTA Maryland

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS – 16TH ST
STA 18+00 TO STA 19+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-691

SHEET NO. 700 OF 736

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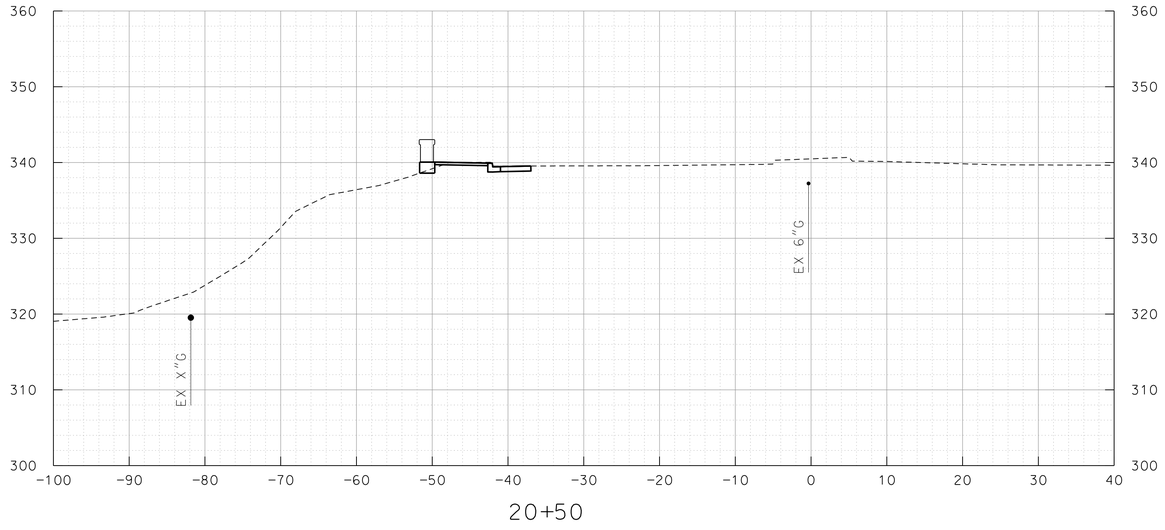
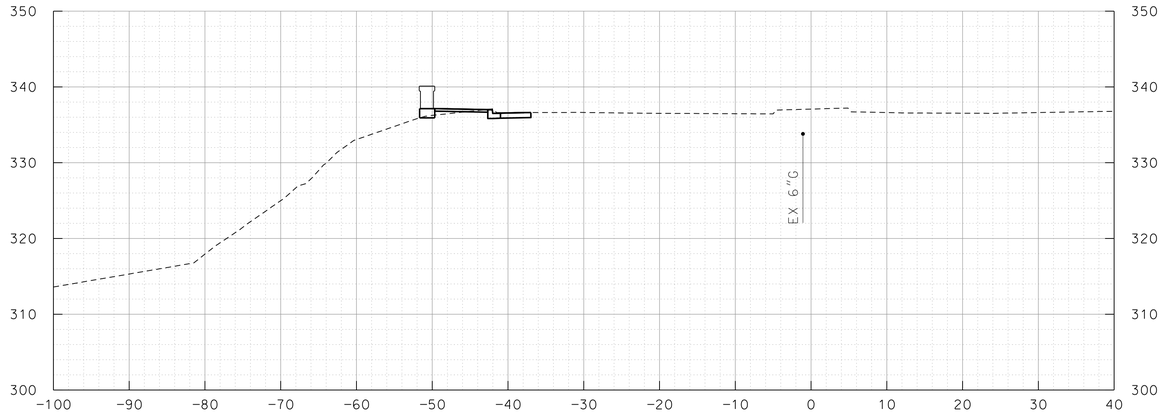
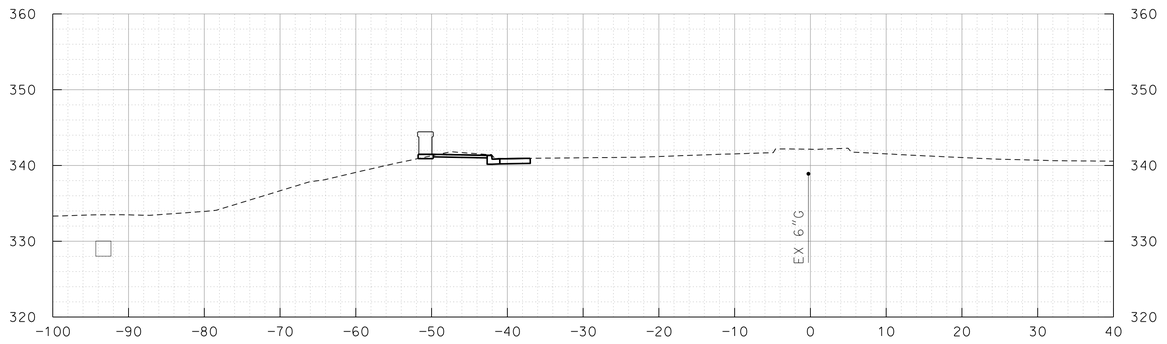
12/11/2013



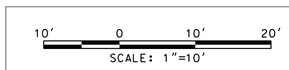
20+50



20+00



20+75



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS – 16TH ST
STA 20+00 TO STA 20+75

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T–1042–0220
DRAWING NO. XS–692
SHEET NO. 701 OF 736

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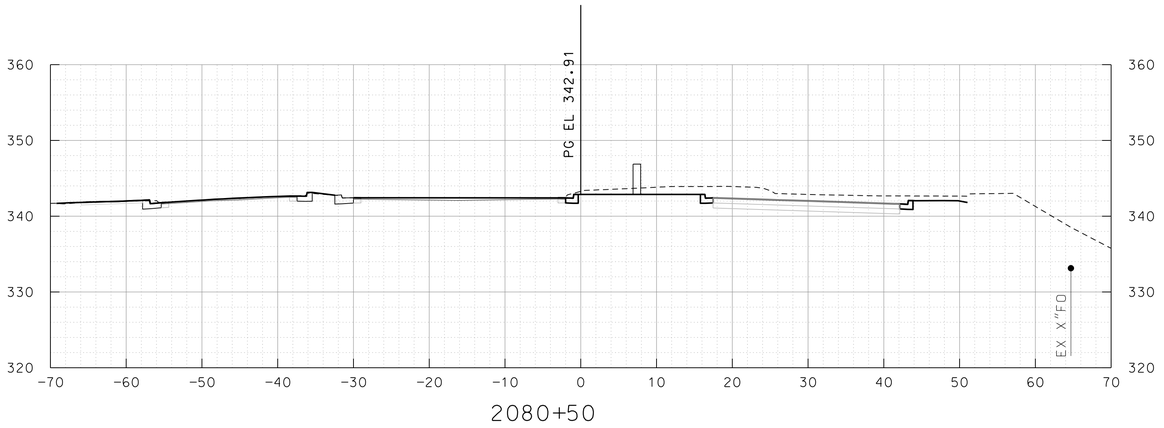
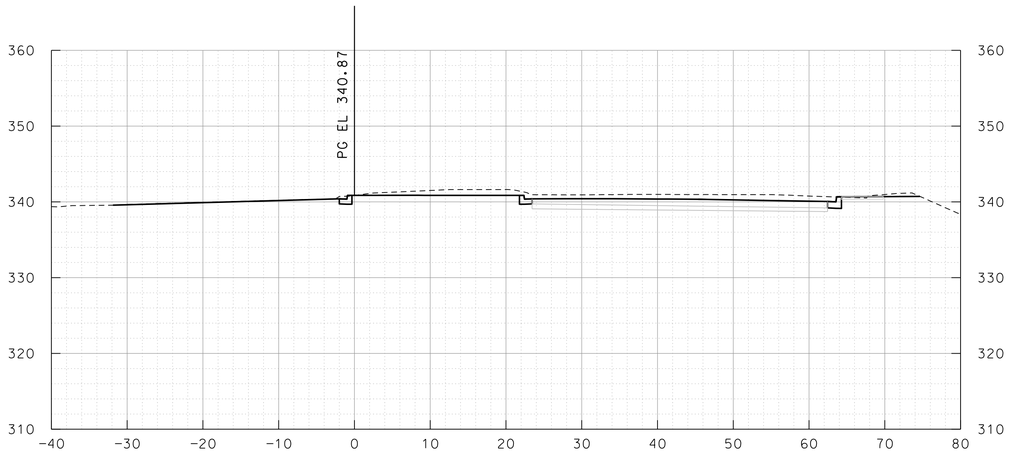
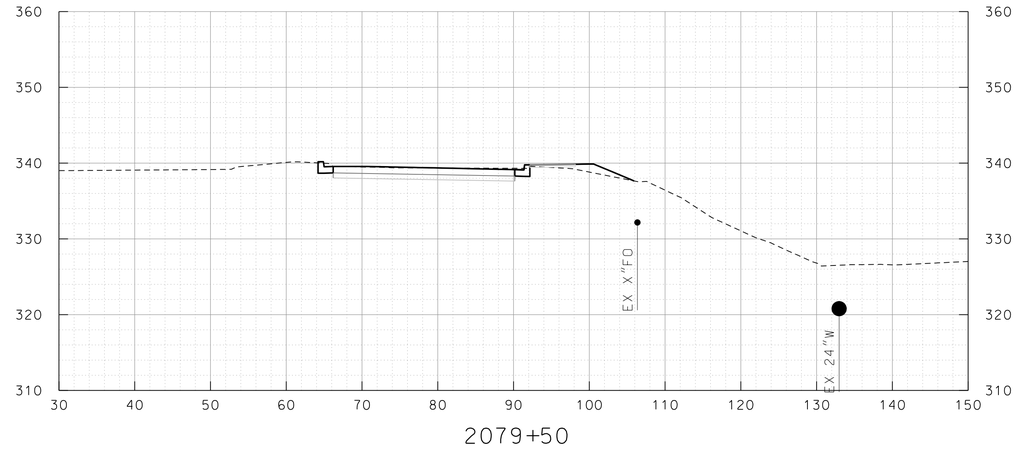
12/11/2013



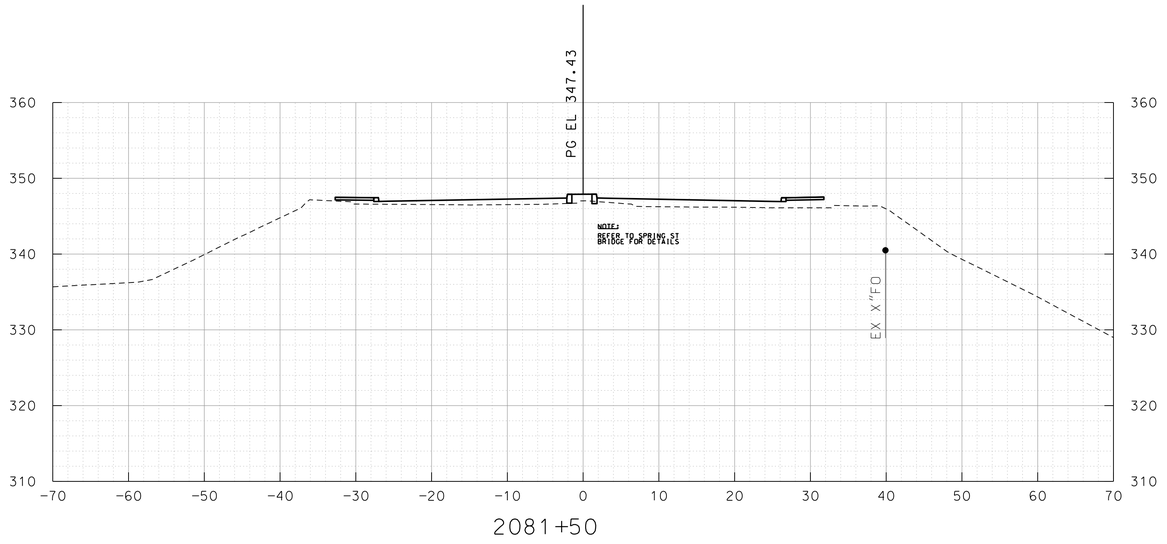
2080+50



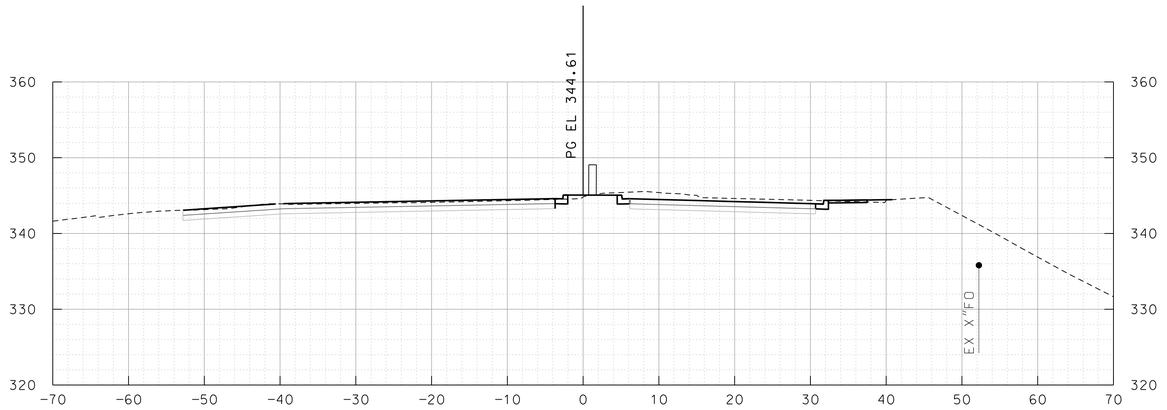
2080+00



2079+50



2081+50



2081+00

10' 0 10' 20'

SCALE: 1"=10'

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION

MTA Maryland

Gannett Fleming

WR&A

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS – SPRING ST

STA 2079+50 TO STA 2081+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-693

SHEET NO. 702 OF 736

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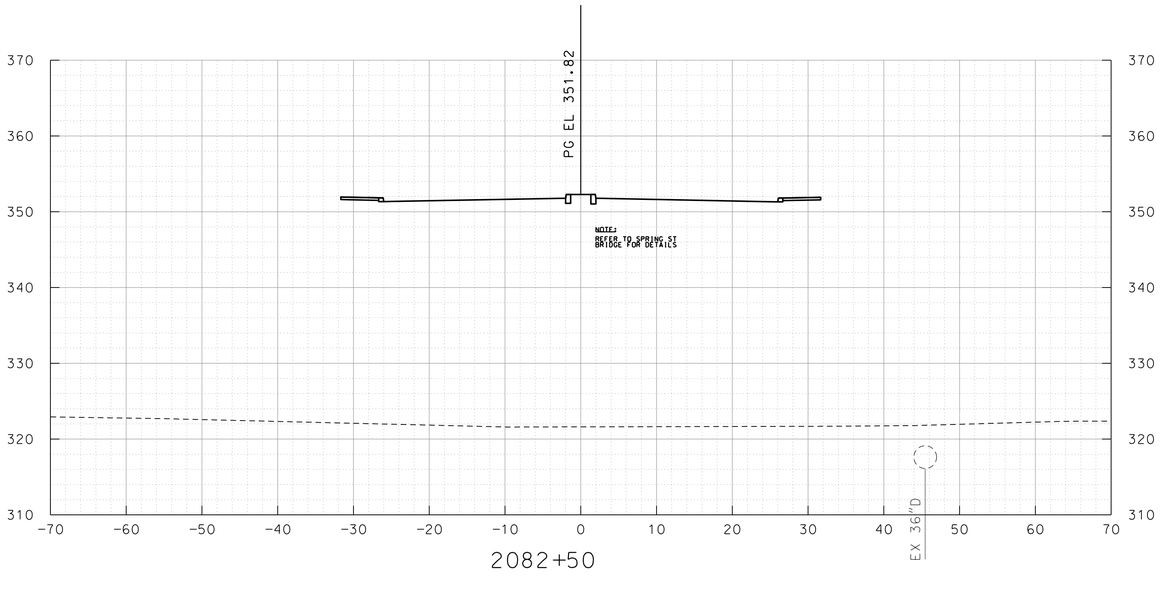
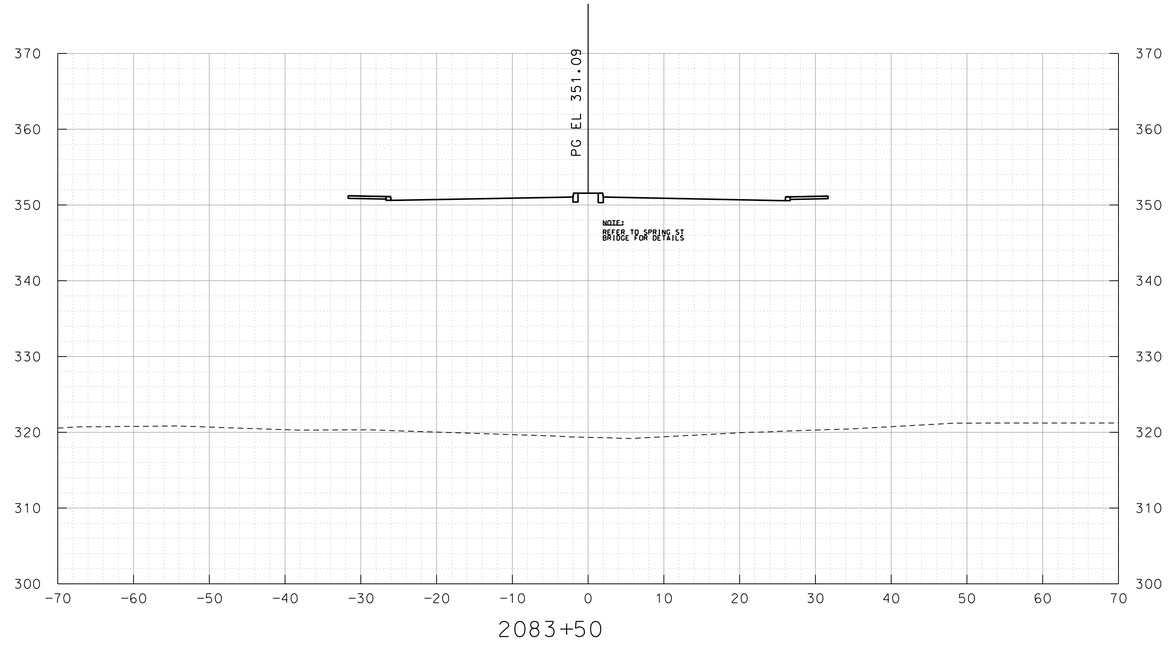
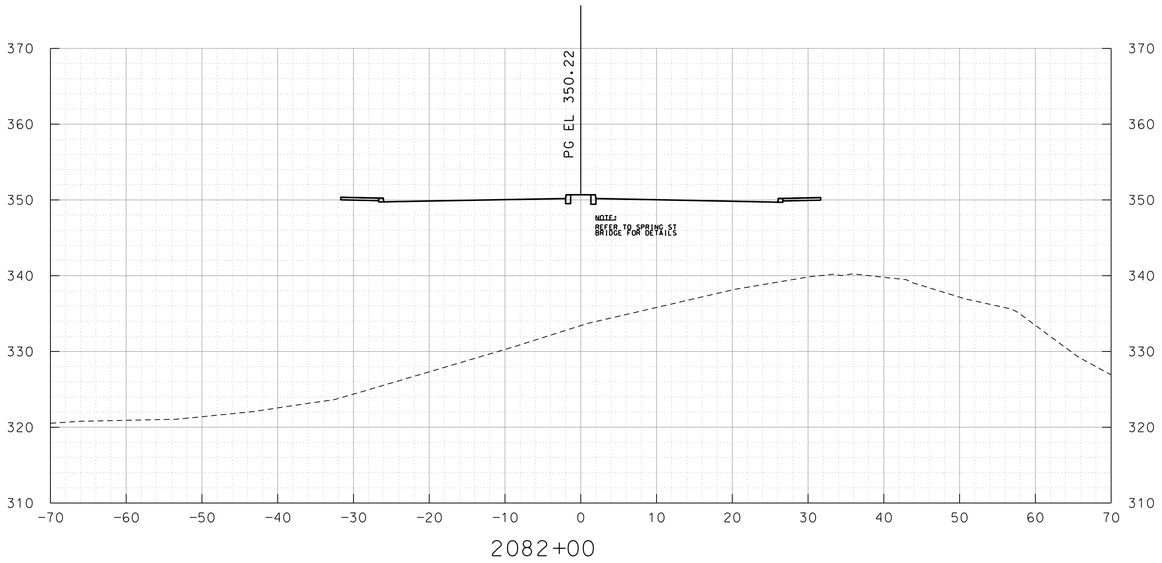
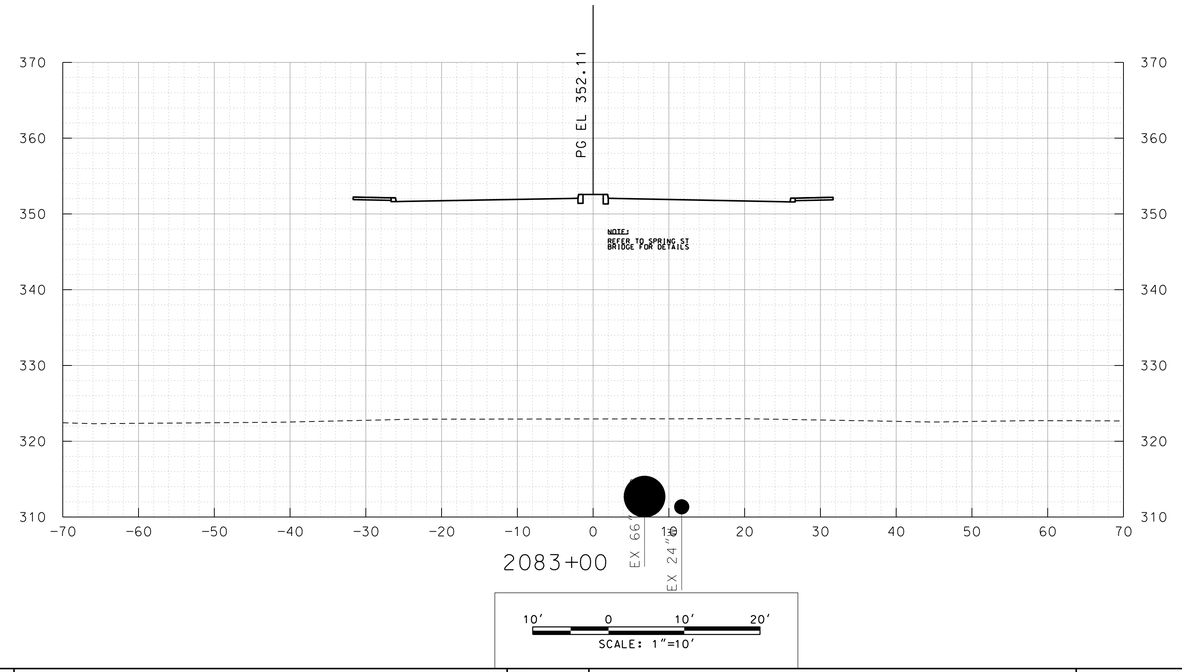
12/11/2013









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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS – SPRING ST
STA 2082+00 TO STA 2083+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T–1042–0220

DRAWING NO. XS–694

SHEET NO. 703 OF 736

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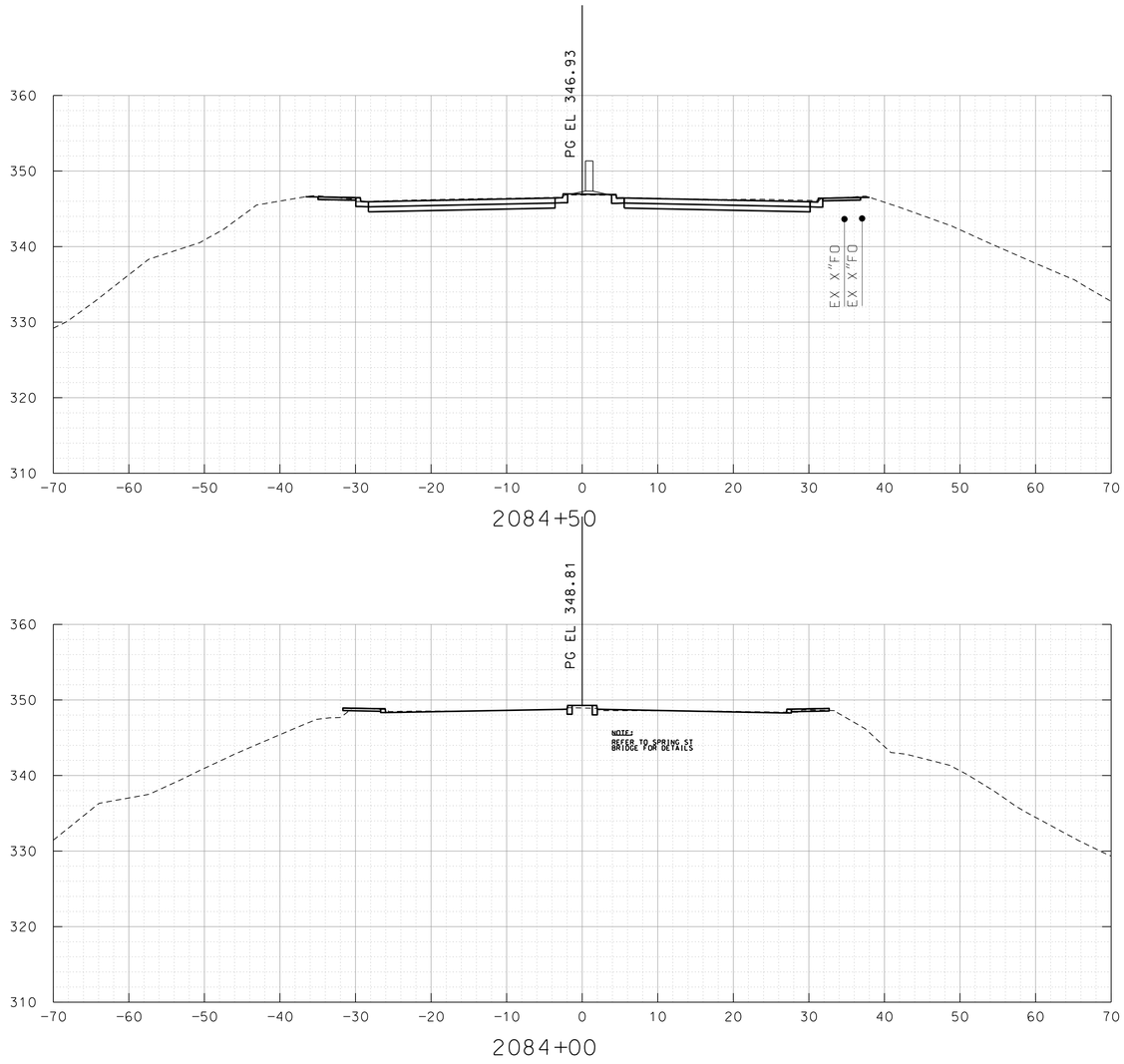
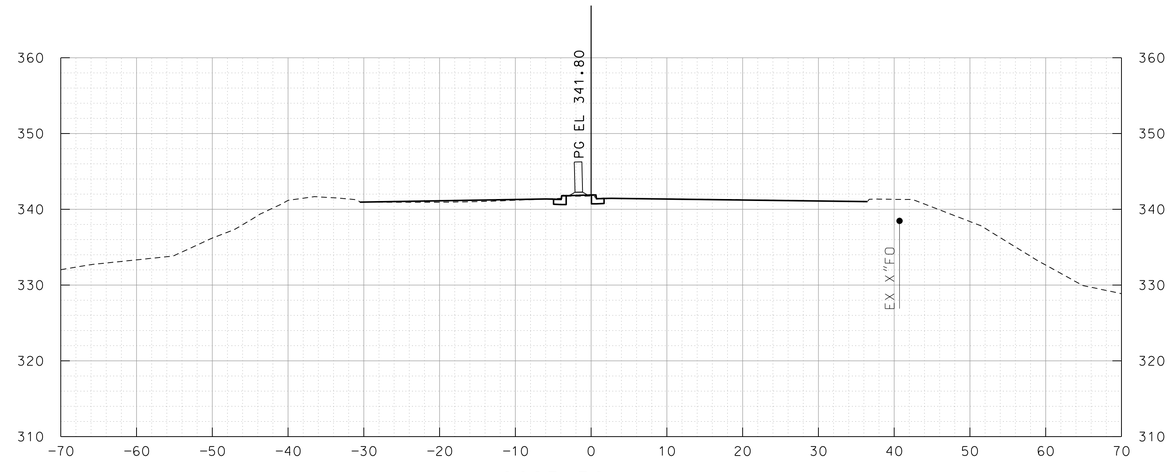
12/11/2013

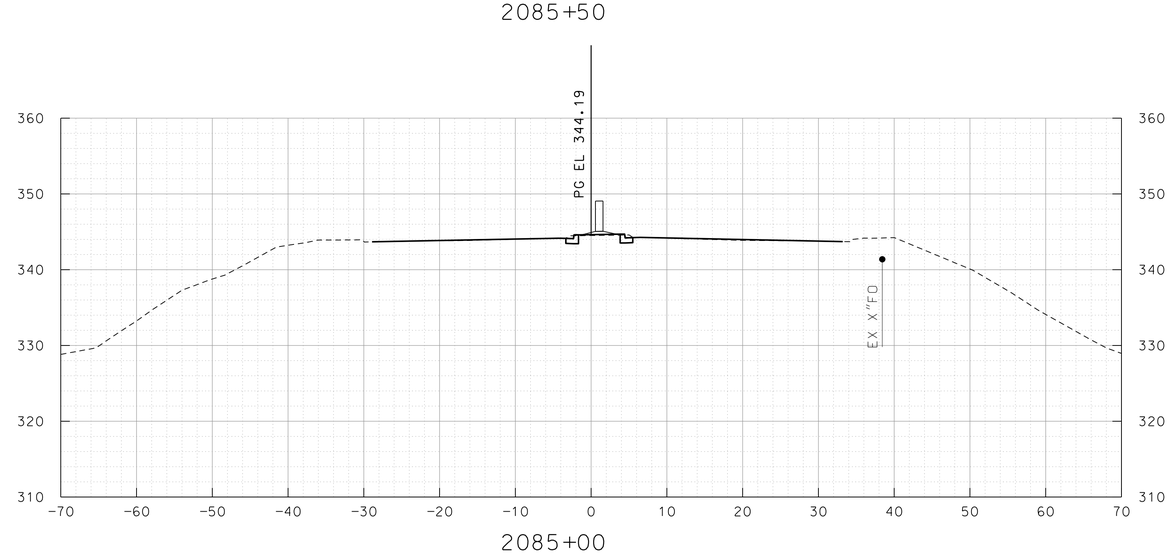


2084+50

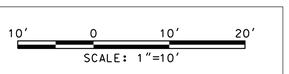
2084+00



2085+50



2085+00



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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

CROSS SECTIONS – SPRING ST

STA 2084+00 TO STA 2085+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-695

SHEET NO. 704 OF 736

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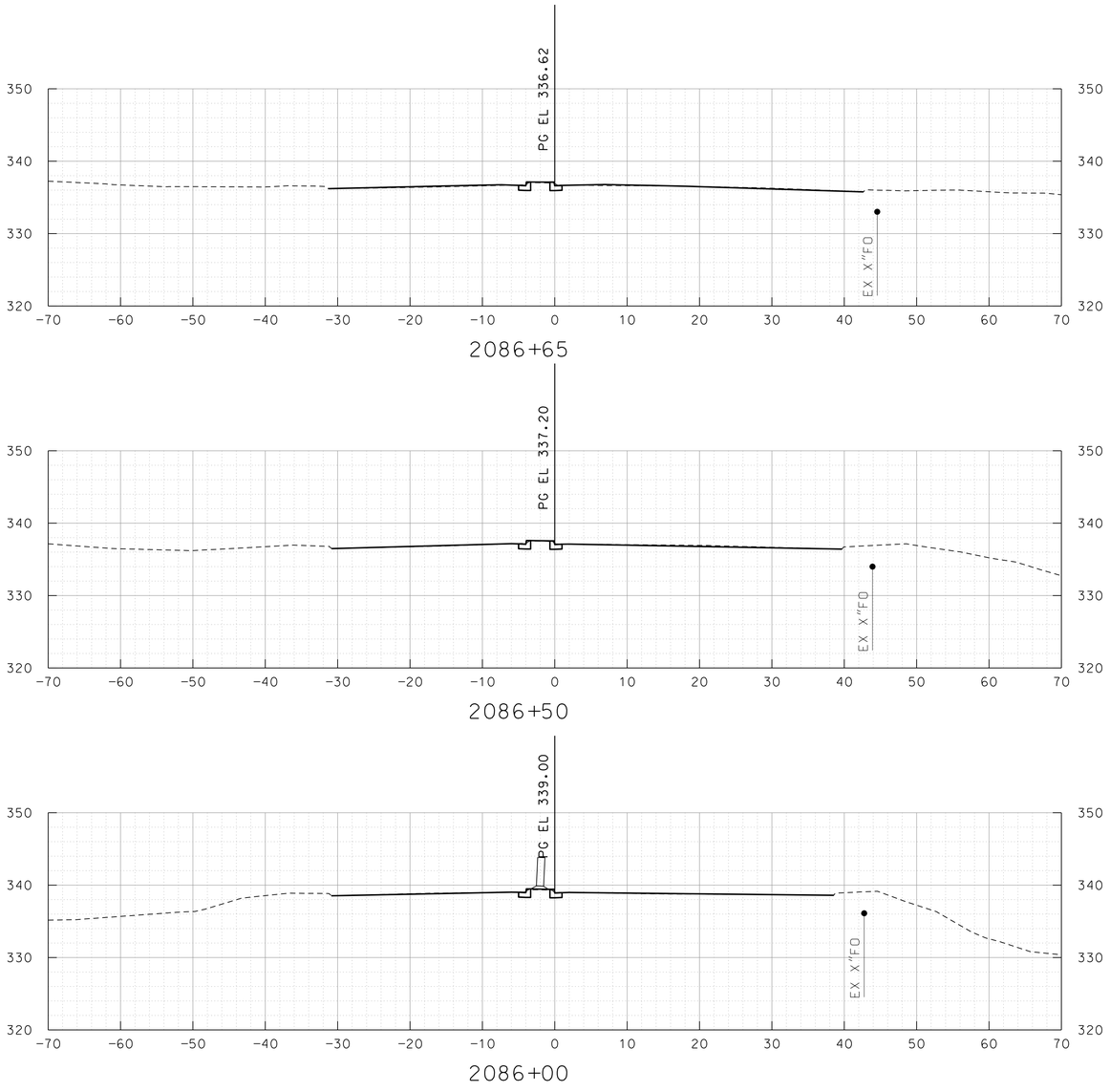
12/11/2013



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SCALE: 1"=10′

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DESGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CROSS SECTIONS – SPRING ST
STA 2086+00 TO STA 2086+65

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T–1042–0220
DRAWING NO. XS–696
SHEET NO. 705 OF 736

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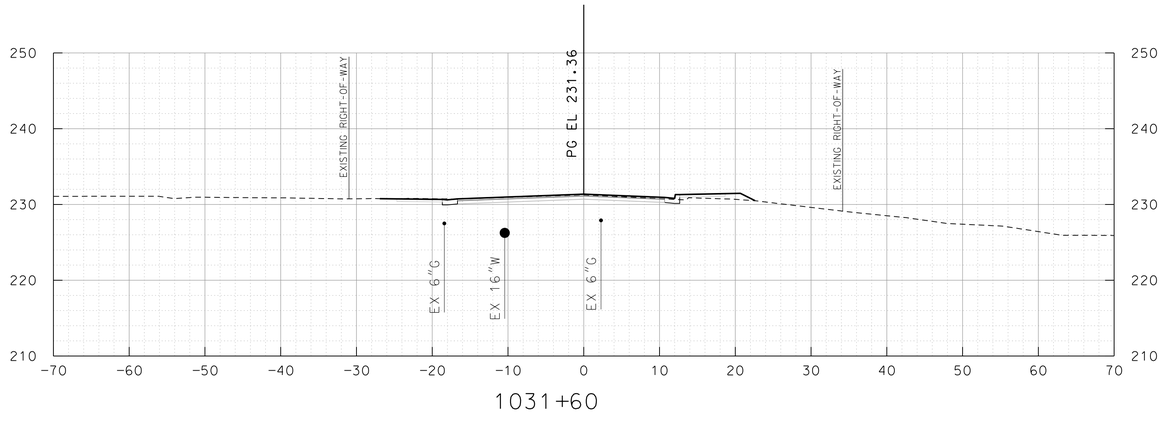
12/11/2013



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SCALE: 1"=10′

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS – JONES MILL RD
DRIVEWAY AT STA 1031+60

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-716
SHEET NO. 725 OF 736

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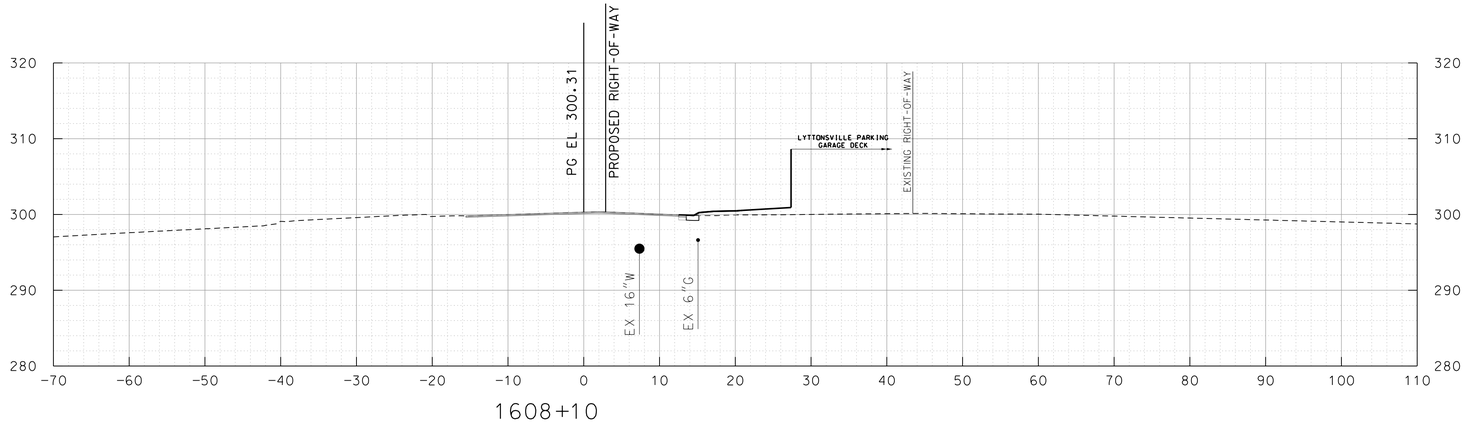
12/11/2013



10' 0 10' 20'
SCALE: 1"=10'

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DESIGN
DRAWN
CHECK
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS – BROOKVILLE RD
DRIVEWAY AT 1608+10

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-717
SHEET NO. 726 OF 736

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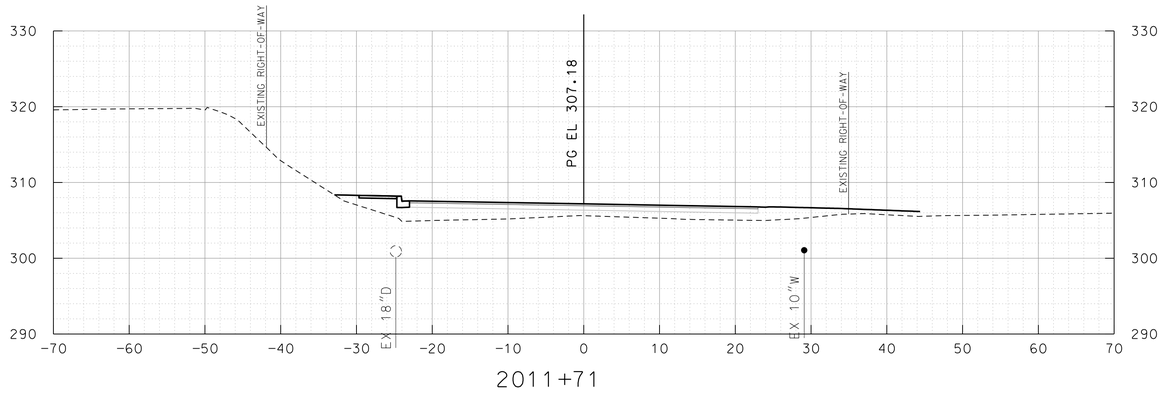
12/11/2013



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SCALE: 1"=10'

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DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS – STEWART AVE
DRIVEWAY AT 2011+71

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. XS-718
SHEET NO. 727 OF 736

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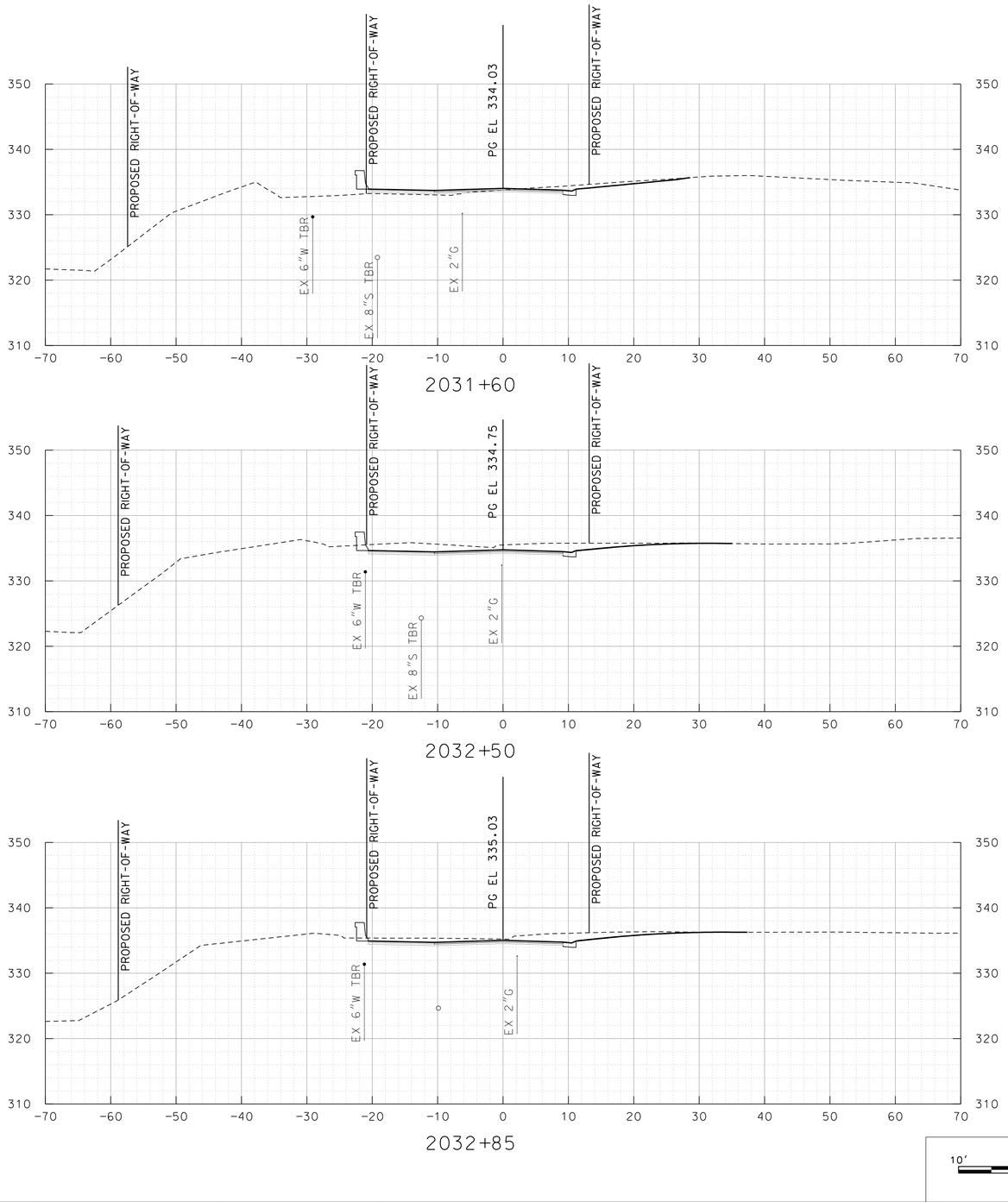
12/11/2013



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. _____ Expiration Date _____

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN | DRAWN | CHECK | APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS – TALBOT AVE

DRIVEWAYS AT 2031+60, 2032+50, AND 2032+85

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T–1042–0220

DRAWING NO. XS–719

SHEET NO. 728 OF 736

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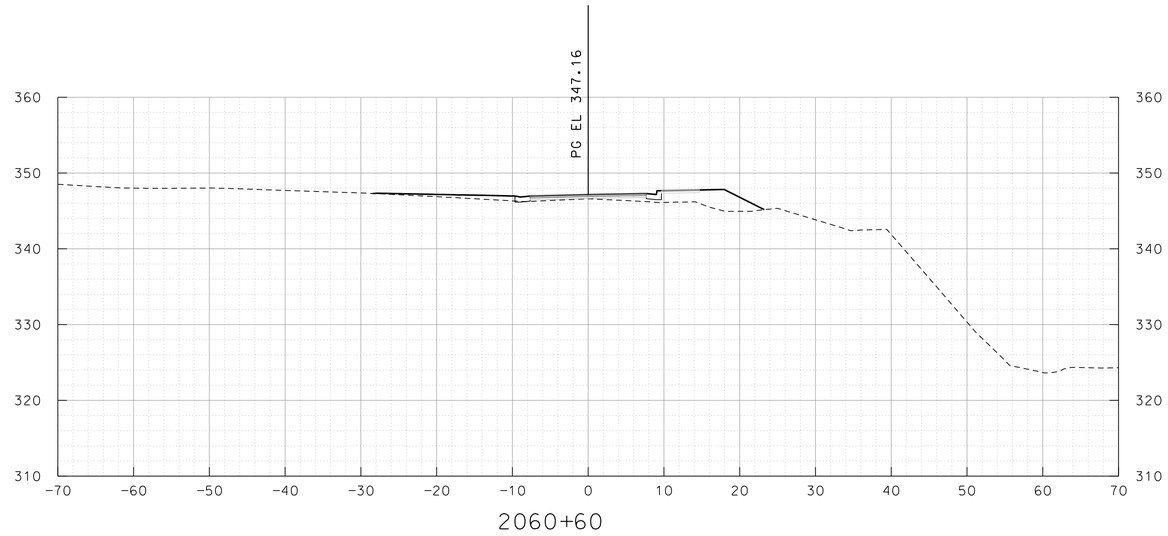
12/11/2013



10′ 0 10′ 20′

SCALE: 1"=10′

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION

MTA Maryland

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DESIGN

DRAWN

CHECK

APPR

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

DRIVEWAY CROSS SECTIONS – 4TH AVE

DRIVEWAY AT 2060+60

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. XS-720

SHEET NO. 729 OF 736

pw:\\00 - Current Projects\1042 - Purple Line Light Rail\130 GEC CADD Files\Zone 02\Civil\Sheet Files\Highway\Cross Sections\1042pXS2223.dgn
12/18/2013