

NOTES:

1. PLAN SHEET C220 ISSUED SUBSEQUENT TO OTHER SHEETS IN THE PLAN SET. RAILROAD ALIGNMENT AND LOCATION OF TRACK AND RAIL APPURTENANCES DEPICTED ON THIS SHEET SHALL SUPERSEDE ALL RAILROAD RELATED DEPICTIONS AND NOTATIONS DISPLAYED ON OTHER SHEETS.
2. CERTAIN FEATURES DEPICTED ON OTHER PLAN SHEETS ARE ANTICIPATED TO CHANGE AS A RESULT OF THIS DESIGN (SEE NOTE 1). THE RESIDENT SHALL INTERPRET SITE WORK DEPICTED ON OTHER PLAN SHEETS RESULTING FROM THE ALTERATION IN RAILWAY DESIGN. SITE WORK THAT MAY REQUIRE CHANGES INCLUDES, BUT IS NOT LIMITED TO, SIGNAGE, PAVEMENT MARKING, UNDERDRAINS, LANDSCAPING, CURBING, PAVEMENT AND SIDEWALKS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTING PARALLEL TRACK WITHIN THE 26' MDOT CORRIDOR AND RELOCATING EXISTING TRACK WITHIN LIMITS OF WORK TO MAINTAIN 13' TRACK CENTER SEPARATION.
4. THE ELECTRICAL SERVICE FOR THE NARROW GAUGE RAILWAY AND THE ASSOCIATED RELOCATED ELECTRICAL EQUIPMENT DEPICTED ON PLAN SHEET E201 SHALL BE LOCATED AT THE PROPOSED PLATFORM. ALL NECESSARY CONDUIT AND WIRING SHALL BE LAID FROM THE UTILITY POLE DEPICTED ON E201 TO THE NEW LOCATION OF THE RELOCATED EQUIPMENT.
5. CONTRACTOR SHALL REUSE EXISTING RAILWAY TIES TO THE MAXIMUM EXTENT POSSIBLE. CONTRACTOR SHALL FURNISH AND INSTALL UP TO, BUT NO MORE THAN, 25% NEW RAILROAD TIES.
6. CONTRACTOR SHALL THROW AND/OR RELAY EXISTING TRACK TO DESIGN ALIGNMENT. MNGRR AND DEPARTMENT SHALL FURNISH SWITCHES, COMP BARS, AND RAIL AS REQUIRED TO SUPPLEMENT EXISTING.
7. CONTRACTOR SHALL FURNISH ALL OTHER TRACK MATERIALS AND OTHER TO CONSTRUCT THE PROJECT AS DEPICTED.
8. RAIL ANCHORS TO BE APPLIED FROM FIELD SIDE OF RAIL IN RAIL SEAL AREAS.

ALTERNATE 18:

RAIL FROM STA. 10+00 TO STA. 17+88
 START NORTHING & EASTING:
 N 300802.74
 E 2930949.07
 END NORTHING & EASTING:
 N 301346.29
 E 2931518.69

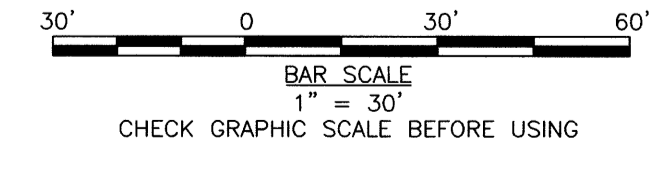
CENTER LINE OF TRACK CURVE TABLE

CURVE	LENGTH	RADIUS	TANGENT	DELTA	CHORD
C200	51.27	500.00	25.66	5°52'32"	51.25
C201	17.93	500.00	8.97	2°31'16"	17.93
C202	38.36	383.00	19.20	5°44'21"	38.35
C203	29.30	396.00	14.66	4°14'21"	29.29
C204	47.11	396.00	23.58	6°48'57"	47.08
C205	10.39	383.00	5.19	1°33'15"	10.39
C206	34.96	349.32	17.49	5°44'03"	34.95
C207	38.36	383.00	19.20	5°44'21"	38.35
C208	28.34	383.00	14.18	4°14'21"	28.33
C209	45.56	383.00	22.81	6°48'57"	45.54
C210	27.98	383.00	14.00	4°11'09"	27.97
C211	35.01	349.42	17.52	5°44'24"	34.99

CENTER LINE OF TRACK LINE TABLE

LINE	LENGTH	BEARING	START NORTHING	START EASTING	END NORTHING	END EASTING
L200	129.51	N42°51'58"E	300802.74	2930949.07	300897.67	2931037.18
L201	165.71	N48°44'30"E	300933.40	2931073.92	301042.67	2931198.49
L202	87.02	N48°41'14"E	301054.74	2931211.75	301114.43	2931275.07
L203	465.64	N48°24'59"E	301114.43	2931275.07	301435.45	2931612.36
L204	265.29	N47°28'43"E	301435.45	2931612.36	301614.75	2931807.89
L205	274.71	N41°44'22"E	301642.05	2931834.82	301847.03	2932017.71
L206	80.39	N45°58'43"E	301868.15	2932038.00	301924.02	2932095.81
L207	53.98	N52°47'41"E	301954.66	2932131.55	301987.30	2932174.54
L208	185.06	N54°20'56"E	301993.47	2932182.90	302101.33	2932333.27
L209	93.29	N47°28'43"E	301701.80	2931890.48	301764.85	2931959.23
L210	61.95	N41°44'22"E	301792.15	2931986.17	301838.38	2932027.41
L211	80.39	N45°58'43"E	301858.80	2932047.04	301914.67	2932104.84
L212	86.74	N52°47'41"E	301944.31	2932139.41	301996.76	2932208.50
L213	87.15	N48°36'32"E	302014.48	2932230.15	302072.10	2932295.53

INSTALL 2 SETS 85# - 100# COMP BARS
 INSTALL #10 FROG - SEE DETAIL
 INSTALL #10 TURNOUT WITH 15' SPLIT SWITCH (85 LB) - SEE DETAIL
 LIMIT OF NARROW GAUGE RAILROAD RELOCATED TRACK CENTERLINE
 STA. 28+00
 N 302101.33
 E 2932333.27
 TRANSITION TO PARALLEL SIDING
 STA. 16+20
 N 302093.89
 E 2932322.90



MLLW = 0.00 FT = -4.57 FT NGVD 1929 (CITY DATUM)

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 PROJECT NUMBER 009215.00
 PIN 009215.00

J.E. LANCASTER, P.E.
 Railroad Engineering
 PO Box 377, Gray, ME 04039-9377

PROFESSIONAL ENGINEER
 STATE OF MAINE
 JEAN EMMONS LANCASTER JR.
 1729

DATE: 11/19/04
 SIGNATURE: [Signature]
 P.E. NUMBER: 1729

DATE: 11/19/04
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CITY OF PORTLAND
 OCEAN GATEWAY PHASE 1
 NARROW GAUGE RAILROAD
 LAYOUT PLAN

C220