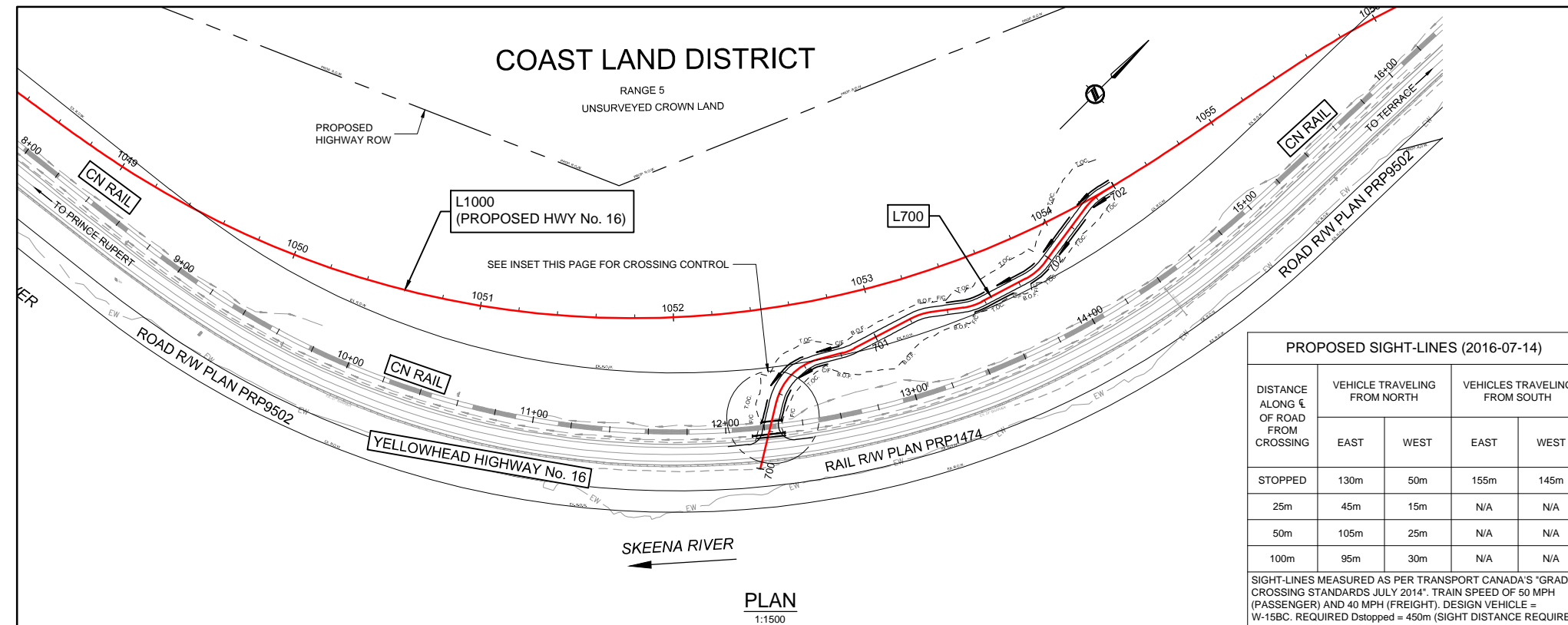


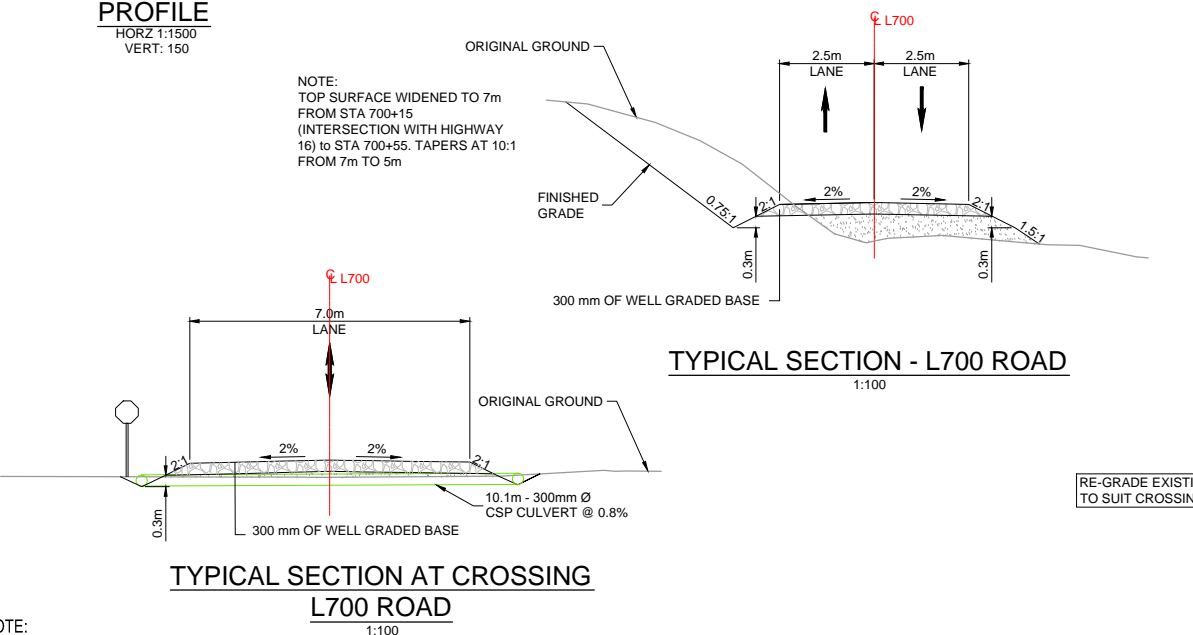
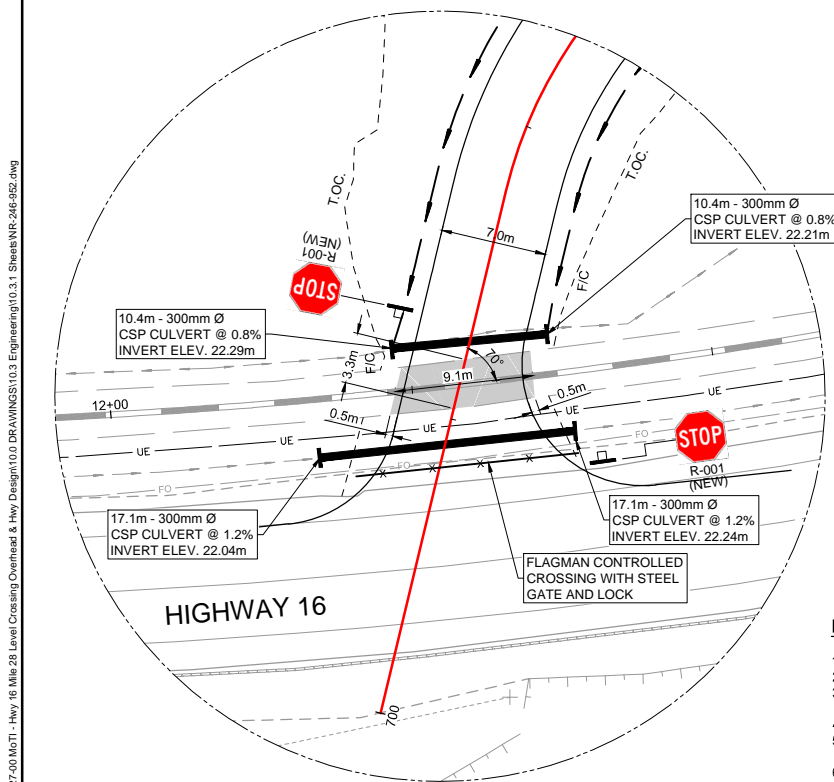
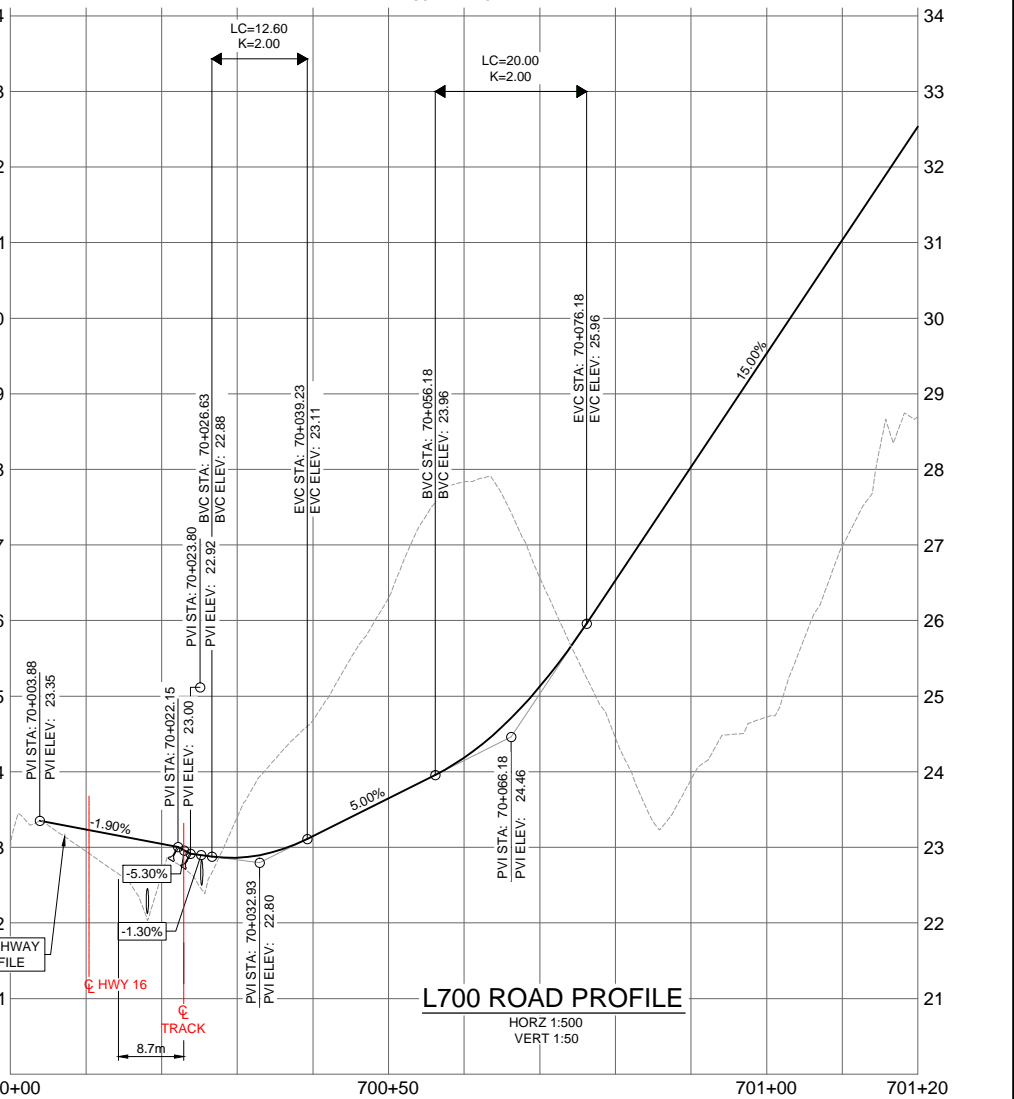
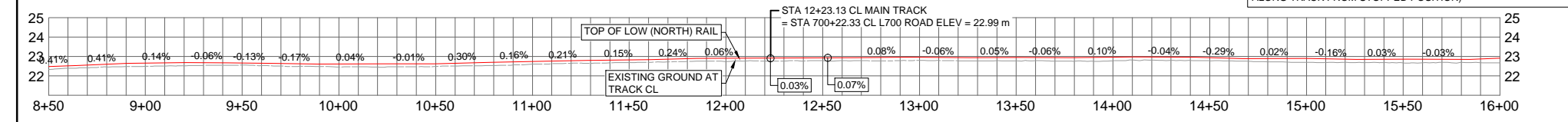
COAST LAND DISTRICT



PROPOSED SIGHT-LINES (2016-07-14)

DISTANCE ALONG E OF ROAD FROM CROSSING	VEHICLE TRAVELING FROM NORTH		VEHICLES TRAVELING FROM SOUTH	
	EAST	WEST	EAST	WEST
STOPPED	130m	50m	155m	145m
25m	45m	15m	N/A	N/A
50m	105m	25m	N/A	N/A
100m	95m	30m	N/A	N/A

SIGHT-LINES MEASURED AS PER TRANSPORT CANADA'S "GRADE CROSSING STANDARDS JULY 2014". TRAIN SPEED OF 50 MPH (PASSENGER) AND 40 MPH (FREIGHT). DESIGN VEHICLE = W-15BC. REQUIRED D_{stopped} = 450m (SIGHT DISTANCE REQUIRED ALONG TRACK FROM STOPPED POSITION)



- NOTE:**
- ALL DIMENSIONS ARE IN METERS UNLESS NOTED OTHERWISE.
 - ELEVATIONS ARE BASED ON UTM NAD 83
 - CONSTRUCTION AND SIGHTLINE CLEARING TO BE IN ACCORDANCE WITH TRANSPORTATION CANADA GRADE CROSSING STANDARDS AND GRADE CROSSING REGULATIONS.
 - ALL UNDERGROUND UTILITY LOCATIONS TO BE PROTECTED AS PER TC-E10 FOR RAILWAY, LOADING AND OVERHEAD UTILITIES AS PER G.O. E-11.
 - ROAD SURFACE: GRAVEL
CROSSING SURFACE: TIMBER
 - TRAFFIC COUNT: LESS THAN 150 VPD PEAK
VEHICLE SPEED: 20 km/h
VEHICLE VOLUME: CONSTRUCTION TRAFFIC AS REQUIRED
TRAIN SPEED: 50 MPH (PASSENGER)
40MPH (FREIGHT)
 - GATE TO BE LOCKED WHEN NOT IN USE.
 - CULVERTS, SIGNS AND ROAD APPROACHES TO BE REMOVED FROM CN R.O.W. AND DITCHING RE-ESTABLISHED PRIOR TO PROJECT COMPLETION.
 - CROSSING SERVICES CONSTRUCTION TRAFFIC ONLY. CROSSING CONTROL PROVIDED BY FLAGGERS AT ALL TIMES CROSSING IS IN USE.

INFORMATION SHOWN ON THIS DRAWING REGARDING EXISTING UTILITIES IS COMPILED FROM SOME RECORD DRAWINGS AND SOME SURVEYS, AND MAY NOT BE COMPLETE. CONTRACTOR SHALL EXPOSE AND CONFIRM THE LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITIES AND ADVISE THE ENGINEER OF ANY POTENTIAL CONFLICT.

THIS DRAWING AND DESIGN SHALL NOT BE USED, REUSED OR REPRODUCED WITHOUT THE CONSENT OF McElhanney Consulting Services Ltd. McElhanney will not be held responsible for the improper or unauthorized use of this drawing and design.

HALF-SIZE

FOR DISCUSSION ONLY

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BRITISH COLUMBIA

MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE
NORTHERN REGION
HIGHWAY ENGINEERING

TEMPORARY CN CROSSING PLAN (L700)

HIGHWAY 16 - MILE 28 CROSSING
CROSSING AT CN MILE 27.05 SKEENA SUBDIVISION

SCALE: AS SHOWN	CAD FILENAME: _____
DATE: _____	DATE: _____
DESIGNED: C. DAVIS DATE: 2016-11-10	QUALITY CONTROL: G. EISENHUTH DATE: 2016-11-10
QUALITY ASSURANCE: R. BEDARD DATE: 2016-11-10	DRAWN: K. MACKAY DATE: 2016-11-10
SENIOR DESIGNER: _____	DATE: _____
FILE NUMBER: 2121-00127-00	PROJECT NUMBER: 37139
REG: NR	DRAWING NUMBER: NR-246-952
REV: C	REV: C

DATE: 2016-11-10, 15:05 FILE: O:\Proj\21-00127-00\M01 - Hwy 16 Mile 28 Level Crossing Overhead & Hwy Design\10.0 DRAWINGS\10.3 Engineering\10.3.1 Sheets\NR-246-952.dwg