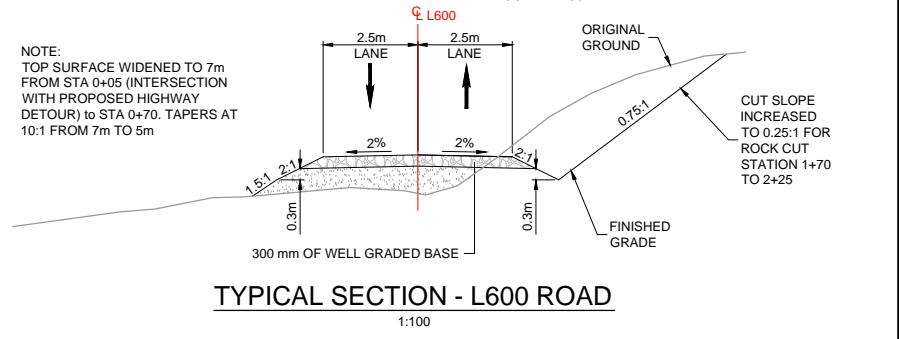


**PROPOSED SIGHT-LINES (2016-07-15)**

DISTANCE ALONG CL OF ROAD FROM CROSSING	VEHICLE TRAVELING FROM NORTH		VEHICLES TRAVELING FROM SOUTH	
	EAST	WEST	EAST	WEST
STOPPED	>500m	380m	>500m	390m
25m	200m	25m	N/A	N/A
50m	190m	0m	N/A	N/A
100m	0m	0m	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<sub>stopped</sub> = 450m (SIGHT DISTANCE REQUIRED ALONG TRACK FROM STOPPED POSITION)



**L600 ROAD PROFILE**  
 HORZ 1:1500  
 VERT: 1:50

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.

- 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-10 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.

**HALF-SIZE**

**FOR DISCUSSION ONLY**

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<p><b>BRITISH COLUMBIA</b></p>		<p>MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE          NORTHERN REGION          HIGHWAY ENGINEERING</p>	
<p><b>TEMPORARY CN CROSSING PLAN (L600)</b>          HIGHWAY 16 - MILE 28 CROSSING          CROSSING AT CN MILE 26.70 SKEENA SUBDIVISION</p>			
SCALE AS SHOWN CAD FILENAME _____ DATE _____		DESIGNED: C. DAVIS DATE: 2016-11-10 QUALITY CONTROL: G. EISENHUTH DATE: 2016-11-10 QUALITY ASSURANCE: R. BEDARD DATE: 2016-11-10 SENIOR DESIGNER: _____ DRAWN: K. MACKAY DATE: 2016-11-10	
REV   DATE   REVISIONS   SIGNATURE		FILE NUMBER: 2121-00127-00 PROJECT NUMBER: 37139 REG: NR DRAWING NUMBER: NR-246-951 REV: C	
C   2016-11-10   REVISED FOR CN COMMENTS   R. BEDARD			
B   2016-10-13   100% DETAILED DESIGN   R. BEDARD			
A   2016-07-29   ISSUED FOR DISCUSSION   R. BEDARD			

DATE: 2016-11-10, 14:53 FILE: O:\Proj\21-00127-00\MGT - Hwy 16 Mile 28 Level Crossing Overhead & Hwy Design\10.0 DRAWINGS\10.3 Engineering\10.3.1 Sheets\NR-246-951.dwg