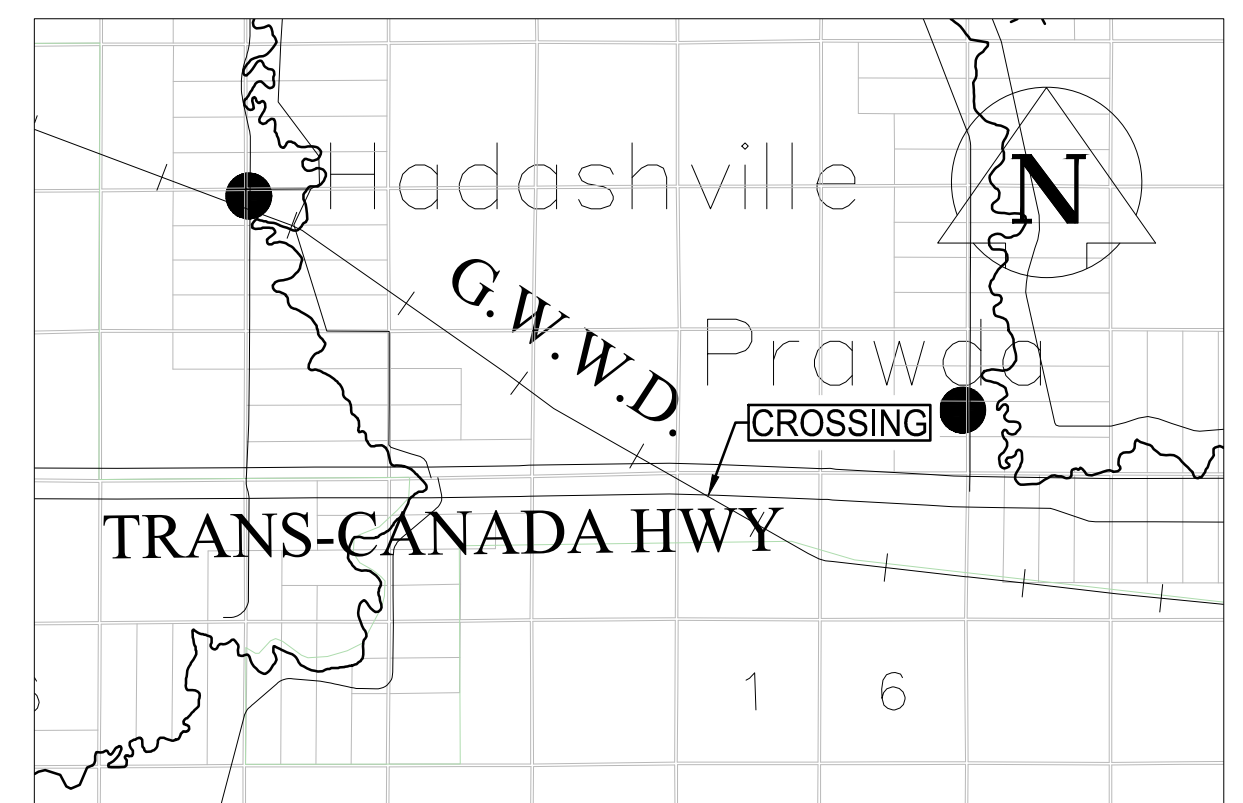
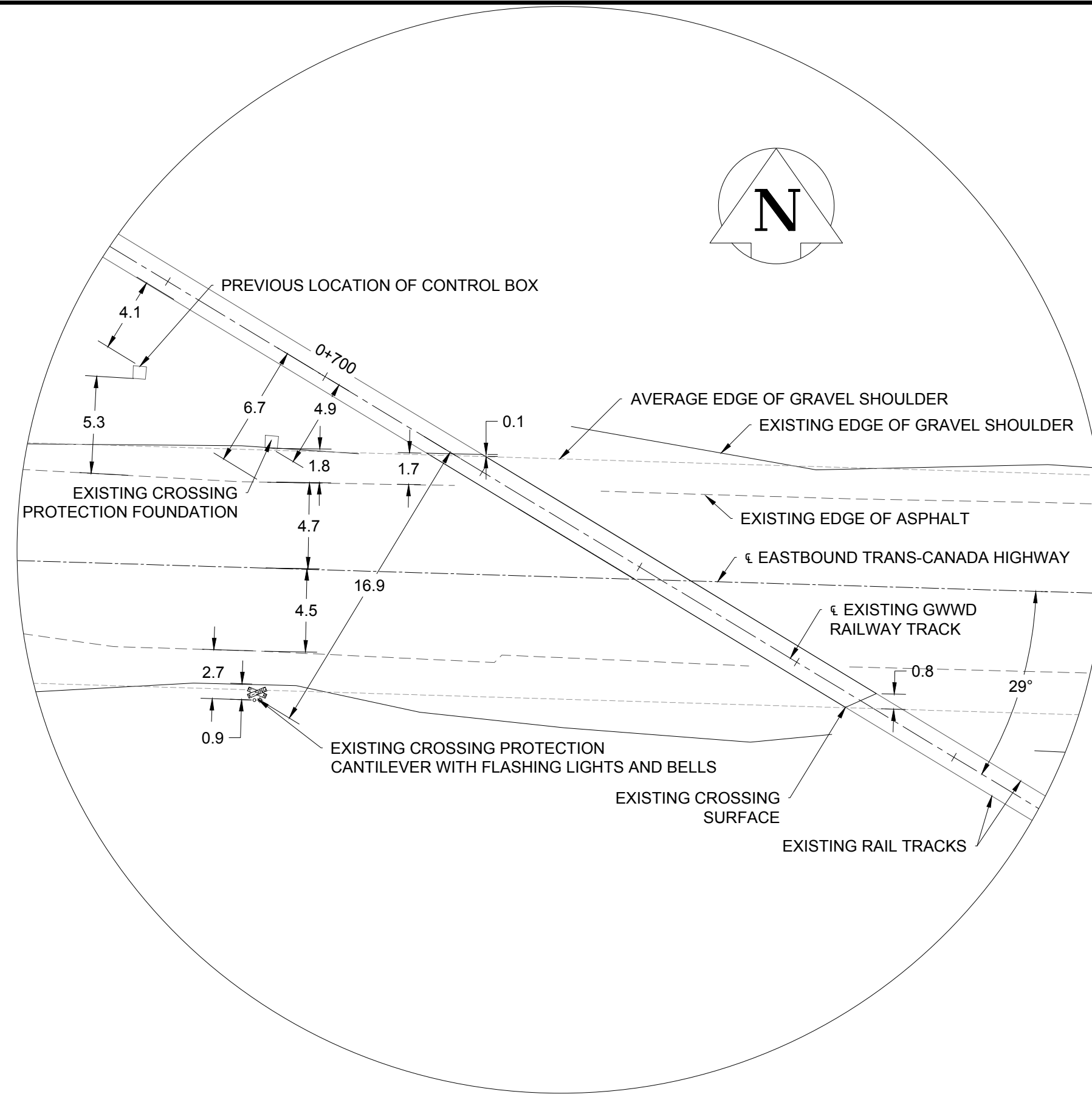
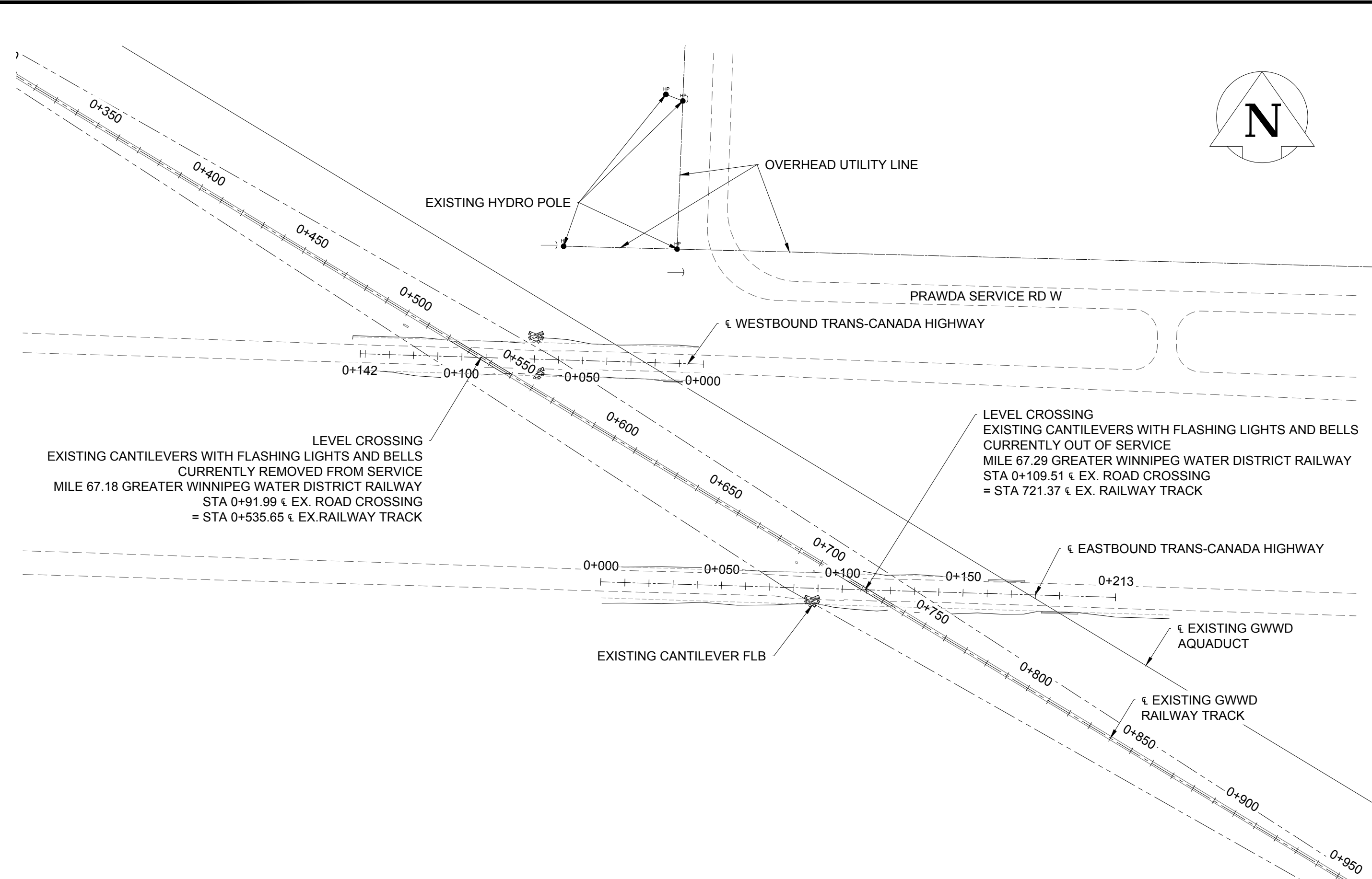


# **APPENDIX 'B'**

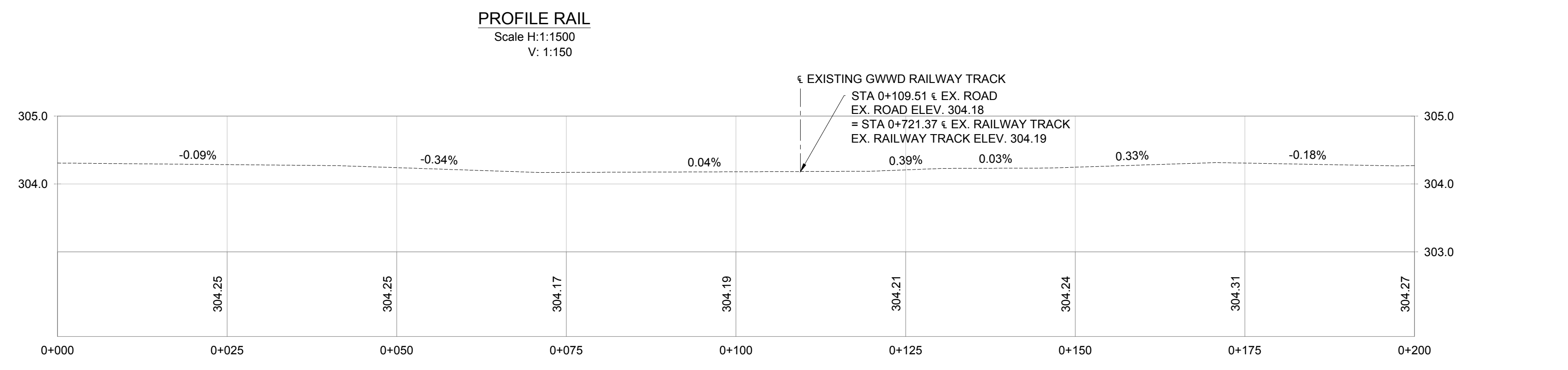
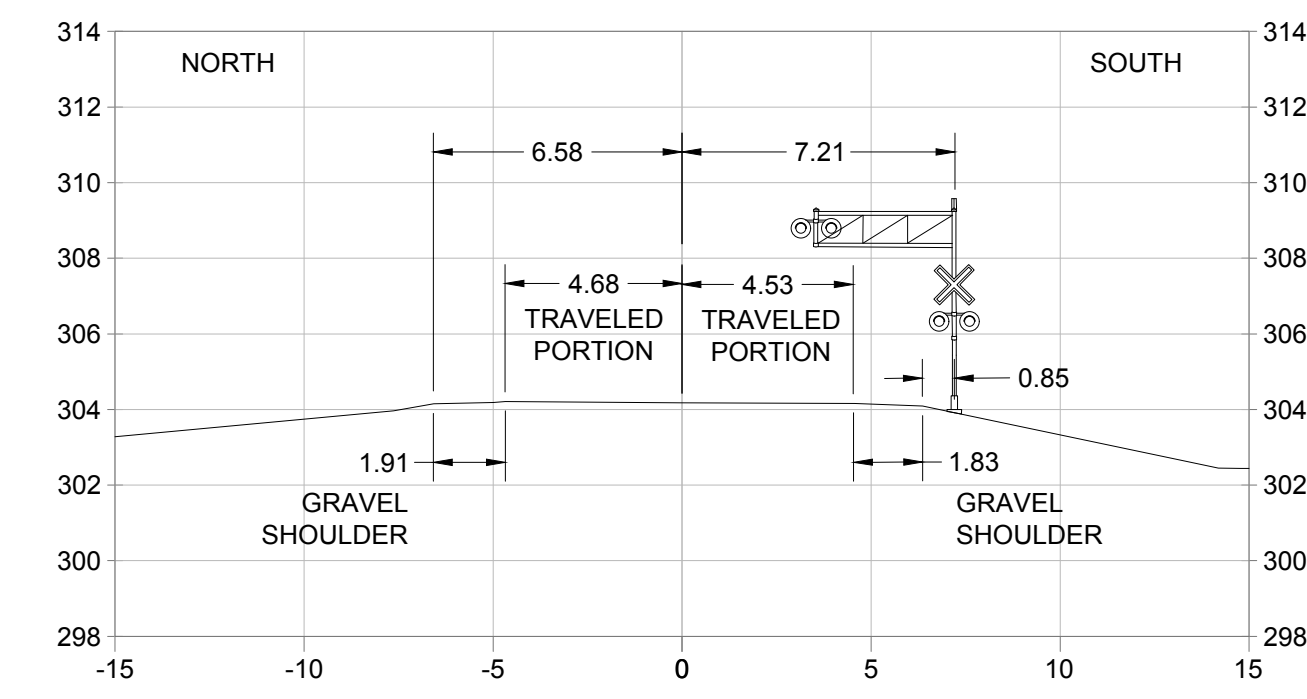
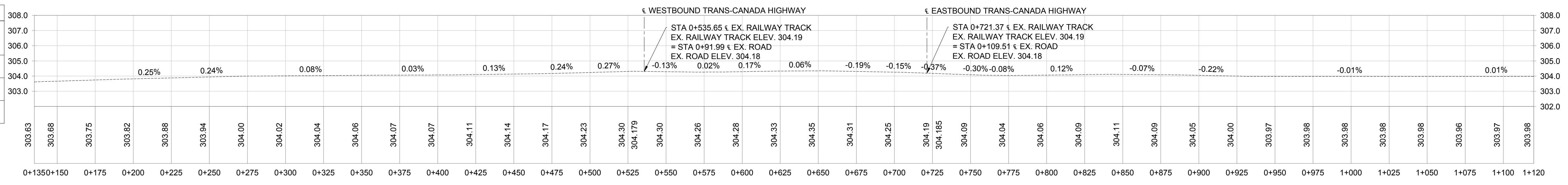
## **Existing Crossing Drawings**

ALL DIMENSIONS SHOWN ARE IN METRES AND/OR MILLIMETRES UNLESS OTHERWISE NOTED.



- NOTES**
- ALL DIMENSIONS ARE IN METERS UNLESS NOTED OTHERWISE.
  - ELEVATIONS BASED ON ASSUMED INFORMATION. BENCHMARK: TCP CONTROL POINT SOUTH OF EASTBOUND LANE. ELEV = 302.867.
  - CONSTRUCTION AND SIGHTLINE CLEARING TO BE IN ACCORDANCE WITH TRANSPORT 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.
  - SURFACES:
    - ROAD: ASPHALT WITH GRAVEL SHOULDERS
    - ROAD WIDTH: 13.08 m (AVERAGE WIDTH INCLUDING SHOULDERS)
    - CROSSING MATERIAL: ASPHALT
    - CROSSING WIDTH: 25.9 m
    - DESIGN VEHICLE: WB-20 TRACTOR SEMI-TRAILER
  - VEHICLE SPEED AND TRAFFIC COUNT:
    - 100 km/h
    - 535 ADT
  - TRAIN SPEED:
    - 25 mph
    - 1 TRAIN PER WEEK
  - CROSSING WARNING SYSTEM IS CURRENTLY OUT OF SERVICE AND THE CROSSING IS MANUALLY PROTECTED.

OBSTRUCTIONS IN SIGHTLINE TRIANGLE		
STATION ALONG CL OF ROAD	EASTBOUND TRAFFIC	
	NORTH ALONG TRACK	SOUTH ALONG TRACK
	$D_{STOPPED} = 528$ m	$D_{STOPPED} = 528$ m
STA. 0+086	SIGHTLINES CLEAR	SIGHTLINES CLEAR



**LEGEND**

- EXISTING TRACK CENTERLINE
- EXISTING ROAD CENTERLINE
- EXISTING EDGE OF TRAVELED PORTION OF ROADWAY
- EXISTING EDGE OF GRAVEL SHOULDER
- APPROXIMATE AVERAGE EDGE OF SHOULDER
- D<sub>STOPPED</sub> SIGHTLINE REQUIREMENT
- EXISTING CROSSING PROTECTION CANTILEVER WITH FLASHING LIGHTS AND BELLS

**REVISIONS**

No.	REVISIONS TO DRAWING	BY	DATE	APPR.
B	ISSUED FOR INFORMATION	JS	22/08/2019	SM
A	ISSUED FOR REVIEW	JS	24/07/2019	SM



DRAWN BY: J.SIGURDSON	DESIGNED BY: J.SIGURDSON
CHECKED BY: R.ZWIERZCHOWSKI	APPROVED BY: S.MINTY
SCALE: AS NOTED	

**CITY OF WINNIPEG**

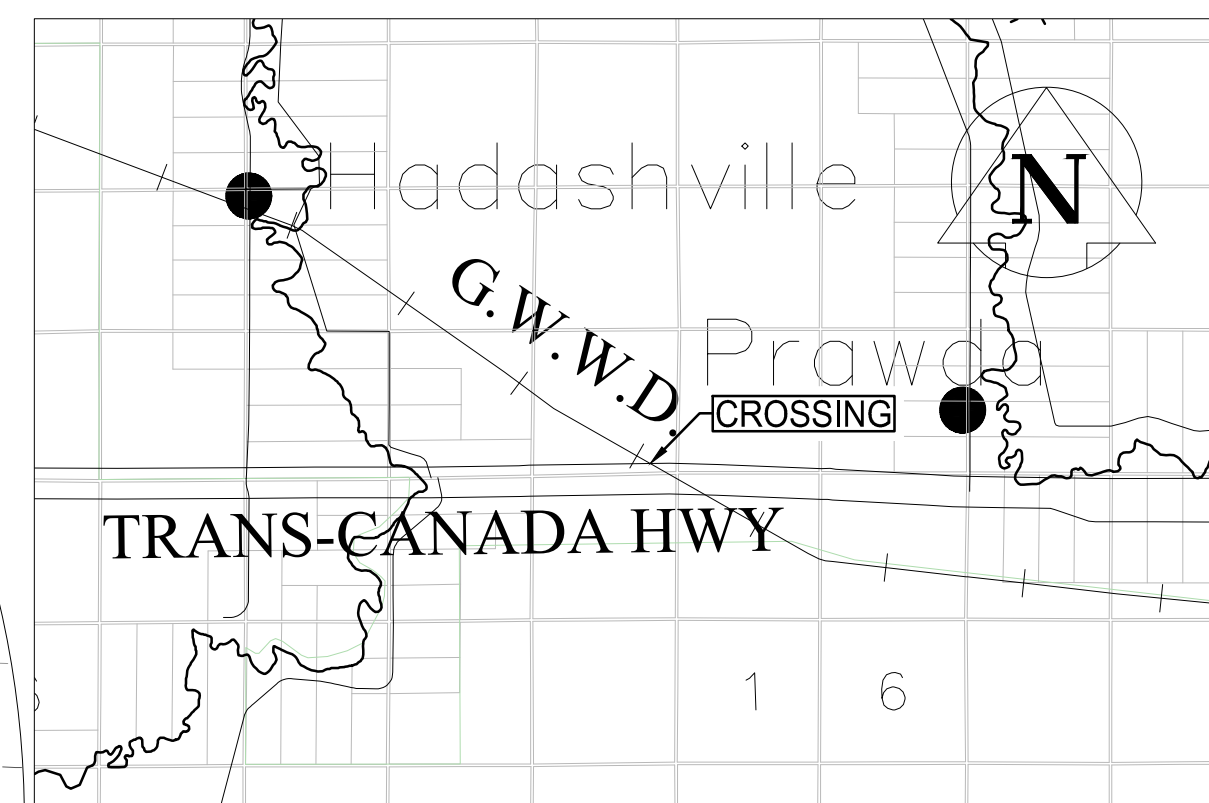
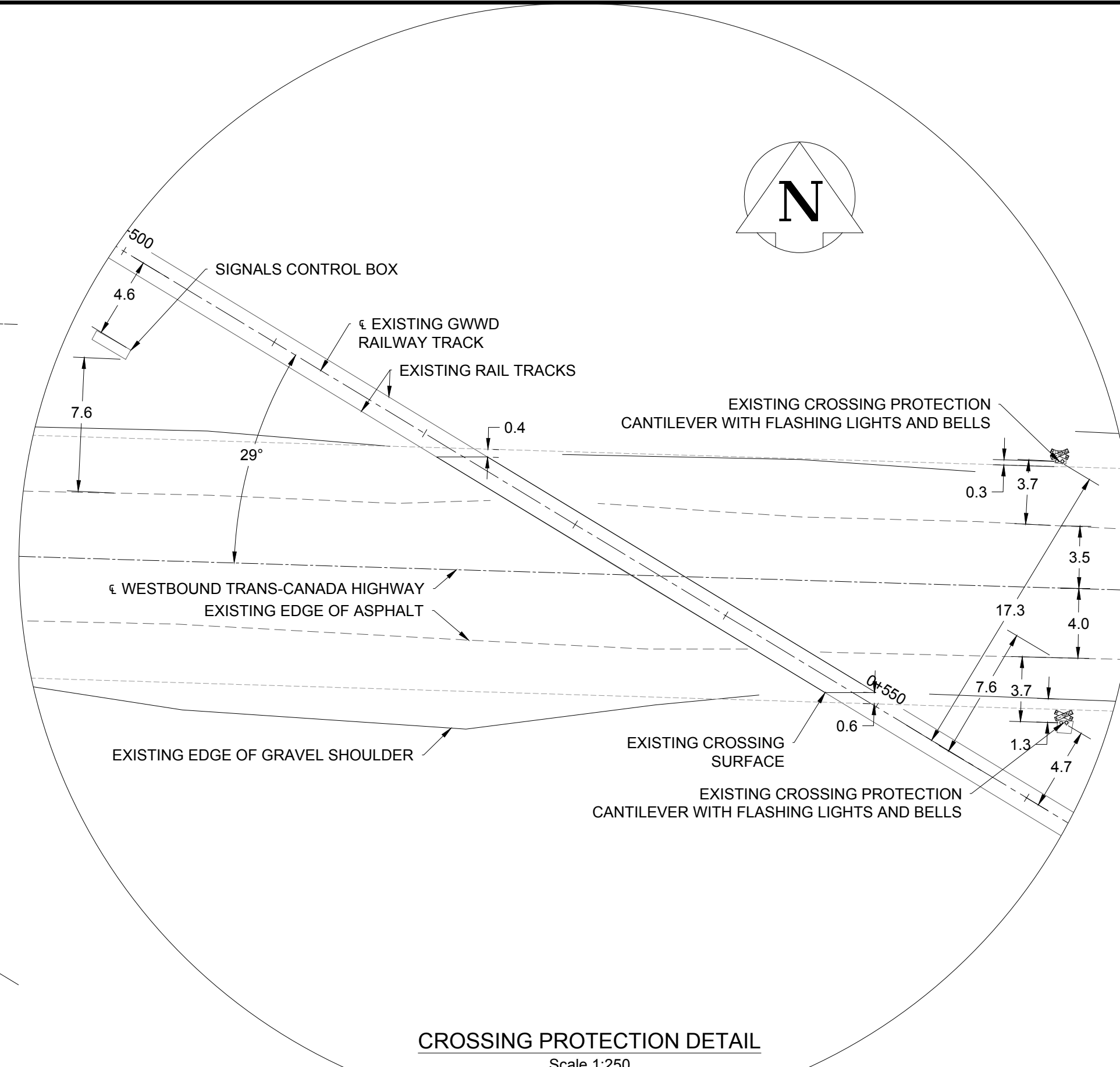
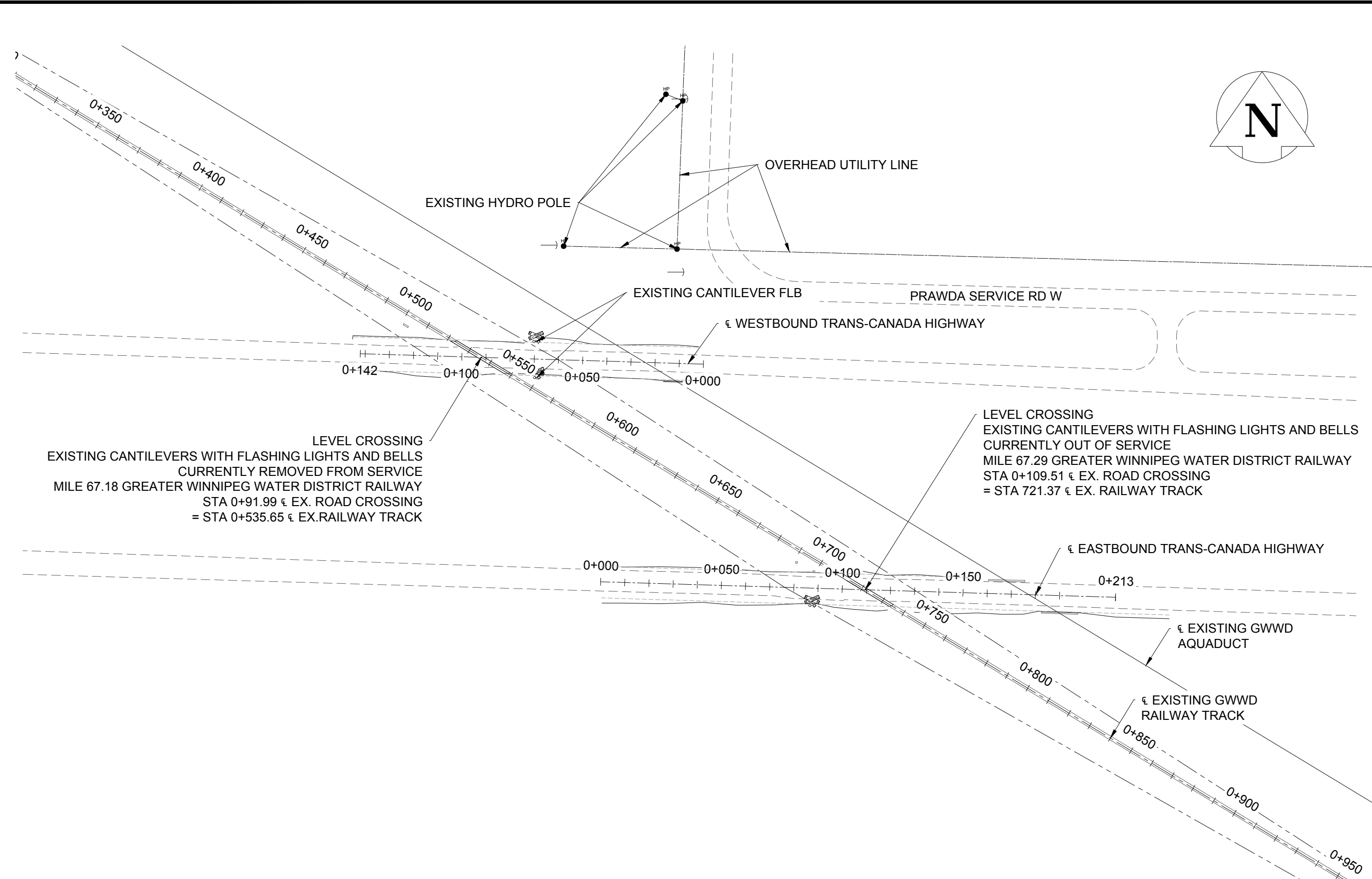
REPLACEMENT OF RAILWAY CROSSING PROTECTION  
EXISTING CROSSING ASSESSMENT  
TRANS-CANADA HWY EASTBOUND  
EXISTING GWWD RAILWAY CROSSING MILE 67.29

PROJECT NO. 19M-00938-00	DWG. NO. R-100-EB	REV. A	SHEET 001/002
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E:\Projects\19M-00938-00\19M-00938-00 - CWWD Crossing Protection Replacement Proj. Services\3 Transportation\4 Drawings\19M-00938-00 - CWWD Crossing Et.dwg  
 PLOTTED: 2019-08-22 10:00:00 AM  
 PLOT DATE: 2019-08-22 10:00:00 AM



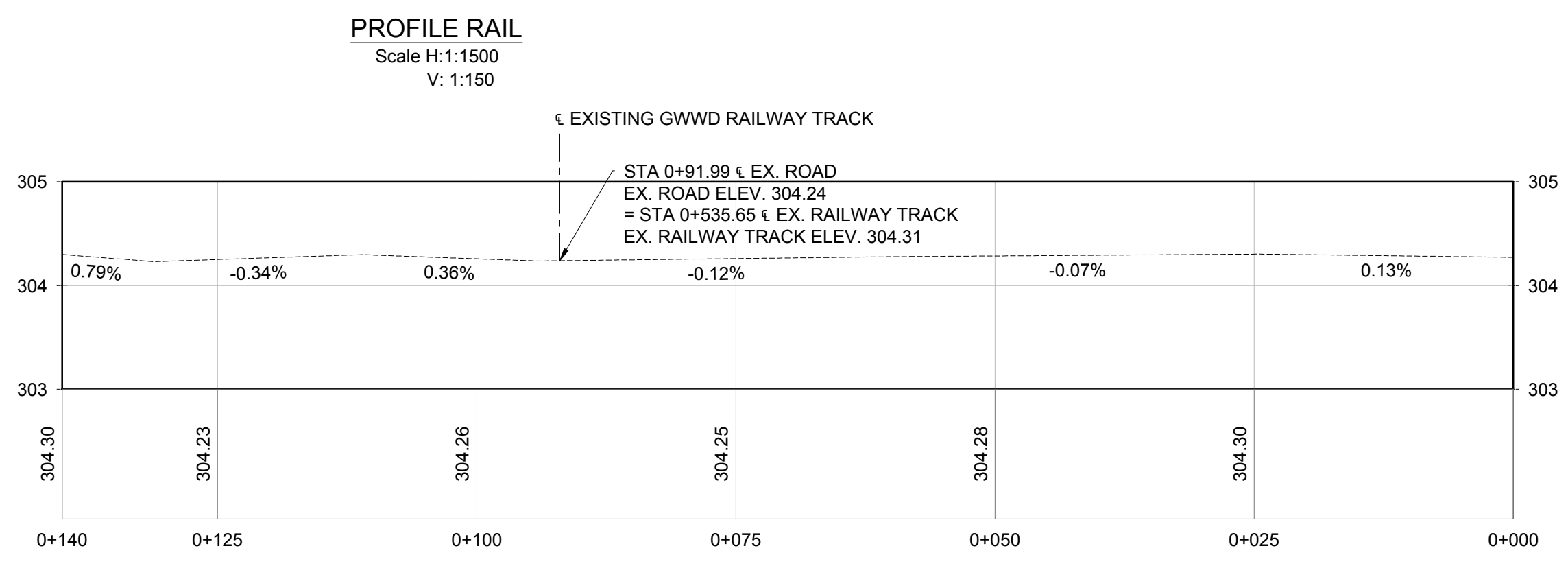
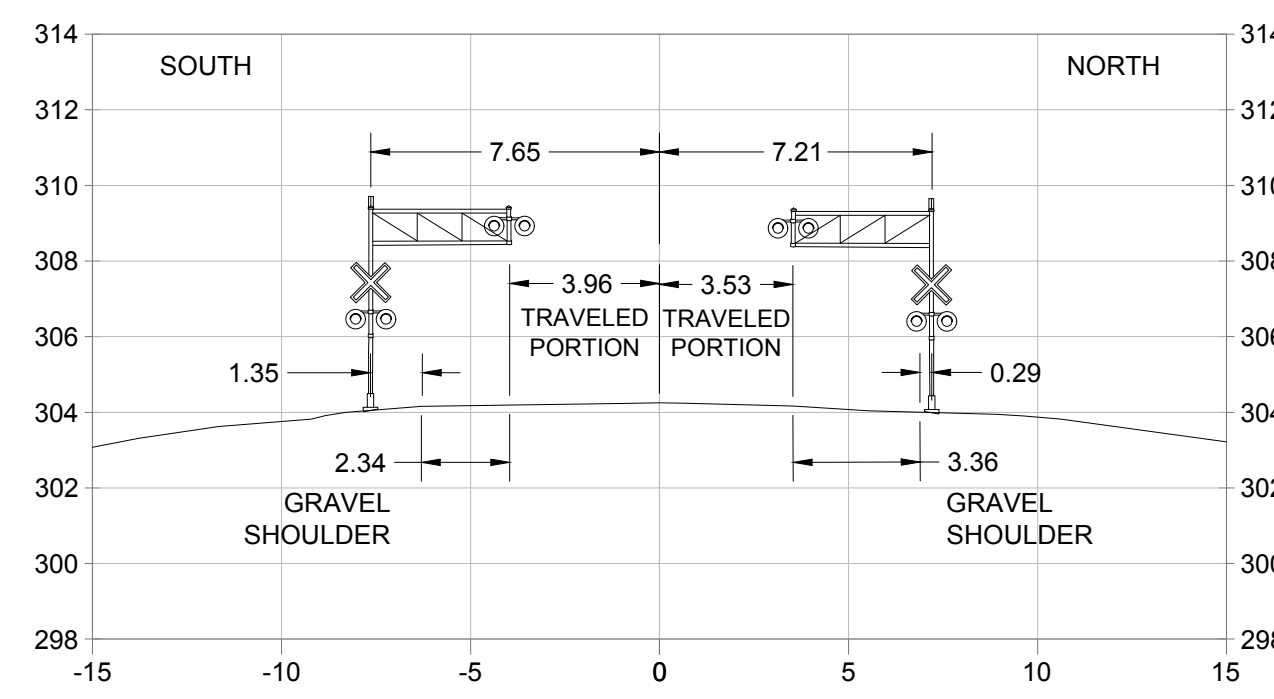
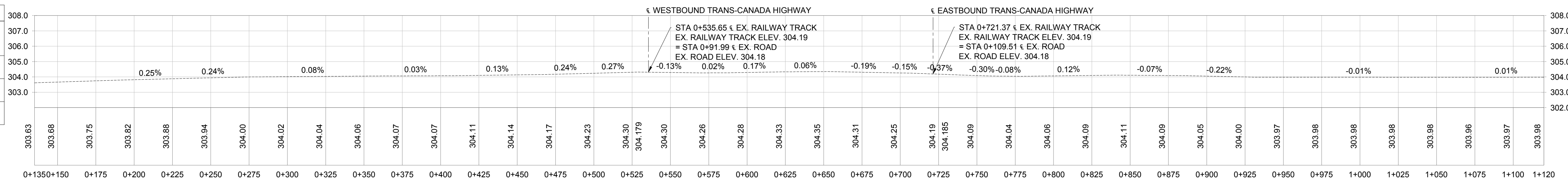
ALL DIMENSIONS SHOWN ARE IN METRES AND/OR MILLIMETRES UNLESS OTHERWISE NOTED.



- NOTES**
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  - SURFACES:
    - ROAD: ASPHALT WITH GRAVEL SHOULDERS
    - ROAD WIDTH: 13.84 m (AVERAGE WIDTH INCLUDING SHOULDERS)
    - CROSSING MATERIAL: ASPHALT
    - CROSSING WIDTH: 25.8 m
    - DESIGN VEHICLE: WB-20 TRACTOR SEMI-TRAILER
  - VEHICLE SPEED AND TRAFFIC COUNT:
    - 100 km/h
    - 5385 ADT
  - TRAIN SPEED:
    - 25 mph
    - 1 TRAIN PER WEEK
  - CROSSING WARNING SYSTEM IS CURRENTLY OUT OF SERVICE AND THE CROSSING IS MANUALLY PROTECTED.

**OBSTRUCTIONS IN SIGHTLINE TRIANGLE**

STATION ALONG CL OF ROAD	WESTBOUND TRAFFIC	
	NORTH ALONG TRACK D <sub>STOPPED</sub> = 538 m	SOUTH ALONG TRACK D <sub>STOPPED</sub> = 538 m
STA. 0+068	SIGHTLINES CLEAR	SIGHTLINES CLEAR



**LEGEND**

- EXISTING TRACK CENTERLINE
- EXISTING ROAD CENTERLINE
- EXISTING EDGE OF TRAVELED PORTION OF ROADWAY
- EXISTING EDGE OF GRAVEL SHOULDER
- APPROXIMATE AVERAGE EDGE OF SHOULDER
- D<sub>STOPPED</sub> SIGHTLINE REQUIREMENT
- EXISTING CROSSING PROTECTION CANTILEVER WITH FLASHING LIGHTS AND BELLS

**REVISIONS**

No.	REVISIONS TO DRAWING	BY	DATE	APPR.
B	ISSUED FOR INFORMATION	JS	22/08/2019	SM
A	ISSUED FOR REVIEW	JS	24/07/2019	SM



DRAWN BY: J.SIGURDSON	DESIGNED BY: J.SIGURDSON
CHECKED BY: R.ZWIERZCHOWSKI	APPROVED BY: S.MINTY
SCALE: AS NOTED	

**CITY OF WINNIPEG**

REPLACEMENT OF RAILWAY CROSSING PROTECTION  
EXISTING CROSSING ASSESSMENT  
TRANS-CANADA HWY WESTBOUND  
EXISTING G.W.W.D. RAILWAY CROSSING MILE 67.18

PROJECT NO. 19M-00938-00	DWG. NO. R-101-WB	REV. B	SHEET 002/002
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P:\Projects\19M-00938-00 - G.W.W.D. Crossing Protection Replacement\Prof. Services\3 Transportation\3 Drawings\19M-00938-00 - G.W.W.D. Crossing E4.dwg  
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