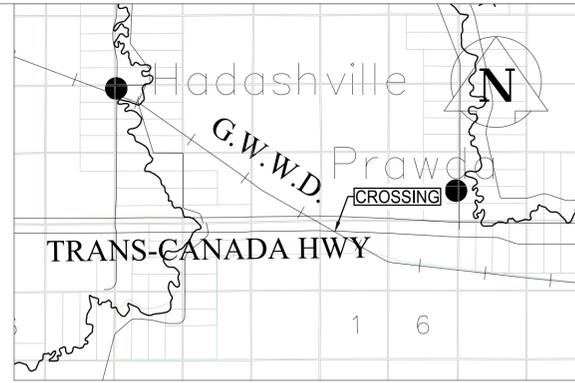
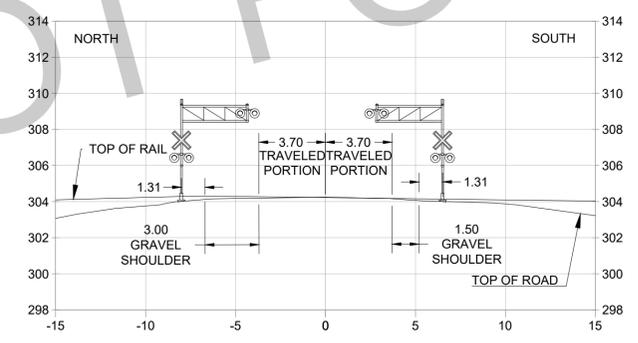


- NOTES**
- 1) ALL DIMENSIONS ARE IN METERS UNLESS NOTED OTHERWISE.
 - 2) ELEVATIONS BASED ON ASSUMED INFORMATION. BENCHMARK: TOP CONTROL POINT SOUTH OF EASTBOUND LANE. ELEV = 302.867.
 - 3) CONSTRUCTION AND SIGHTLINE CLEARING TO BE IN ACCORDANCE WITH TRANSPORT CANADA GRADE CROSSING STANDARDS AND GRADE CROSSING REGULATIONS.
 - 4) ALL UNDERGROUND UTILITY LOCATIONS TO BE PROTECTED AS PER TC-E10 FOR RAILWAY LOADING AND OVERHEAD UTILITIES AS PER G.O. E-11.
 - 5) SURFACES
 - ROAD: ASPHALT WITH GRAVEL SHOULDERS
 - ROAD WIDTH: 7.4 m
 - CROSSING MATERIAL: ASPHALT
 - DESIGN VEHICLE: WB-20 TRACTOR SEMI-TRAILER
 - 6) VEHICLE SPEED AND TRAFFIC COUNT
 - 100 km/h
 - 5380 AADT
 TRAIN SPEED:
 - 25 mph
 - 1 TRAIN PER WEEK
 - 7) REFER TO THE WSP "PROFESSIONAL CONSULTING SERVICES FOR REPLACEMENT OF RAILWAY CROSSING PROTECTION - CROSSING ASSESSMENT" DATED AUGUST 22, 2019 FOR FURTHER DETAILS ON THE RECOMMENDED CROSSING IMPROVEMENTS.
 - 8) THE DETAILED ROAD AND SHOULDER WIDTHS ARE THE ULTIMATE WIDTHS AFTER MANITOBA INFRASTRUCTURE UPGRADE THIS PORTION OF THE TRANS CANADA HIGHWAY.

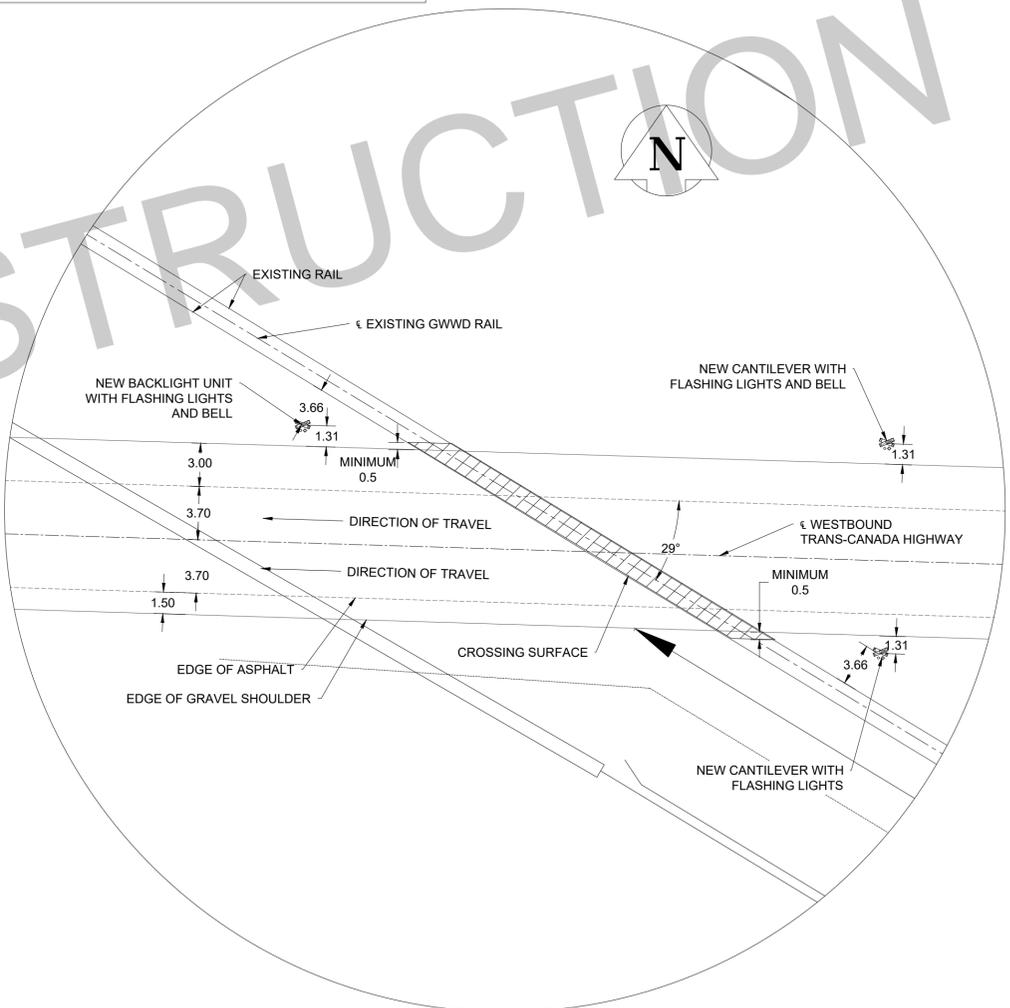


NOT FOR CONSTRUCTION

PLAN
SCALE NTS



WESTBOUND ROAD CROSS SECTION AT CROSSING WARNING SYSTEM
Scale 1:200 (CANTILEVERS ARE NOT TO SCALE)



WESTBOUND CROSSING PROTECTION DETAIL
SCALE NTS

LEGEND	— — — — —	EXISTING TRACK CENTERLINE
	— — — — —	ROAD CENTERLINE
— — — — —	— — — — —	ULTIMATE EDGE OF ASPHALT
	— — — — —	ULTIMATE EDGE OF GRAVEL SHOULDER
	CROSSING PROTECTION: CANTILEVER WITH FLASHING LIGHTS AND BELLS	
B.M. ELEV.		
CONSTRUCTION COMPLETION DATE:		
NO.	REVISIONS	DATE
BY		

DESIGNED BY B. WILLSON (WSP)	CHECKED BY R. ZWIERZCHOWSKI (WSP)
DRAWN BY B. WILLSON (WSP)	APPROVED BY G. SMITH
SCALE: HORIZONTAL AS SHOWN VERTICAL AS SHOWN	RELEASED FOR CONSTRUCTION —
DATE	DATE

ENGINEER'S SEAL

CONSULTANT DRAWING NUMBER
R-201-WB

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

THE GREATER WINNIPEG WATER DISTRICT RAILWAY
PTH 1 HIGHWAY CROSSING WARNING SYSTEMS Mi.67.18 & Mi.67.28

UPGRADED GWWD RAILWAY CROSSING MILE 67.18

SHEET 2 OF 3
CITY DRAWING NUMBER
1-0754R-G0002-001