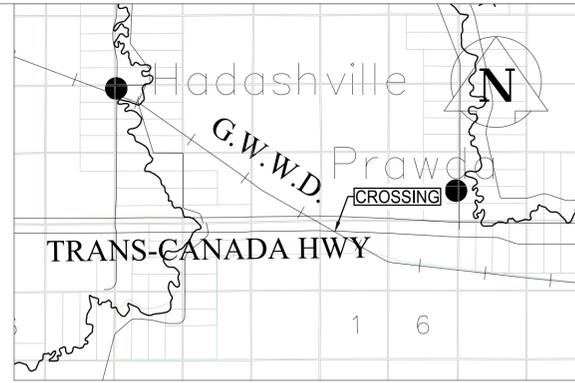
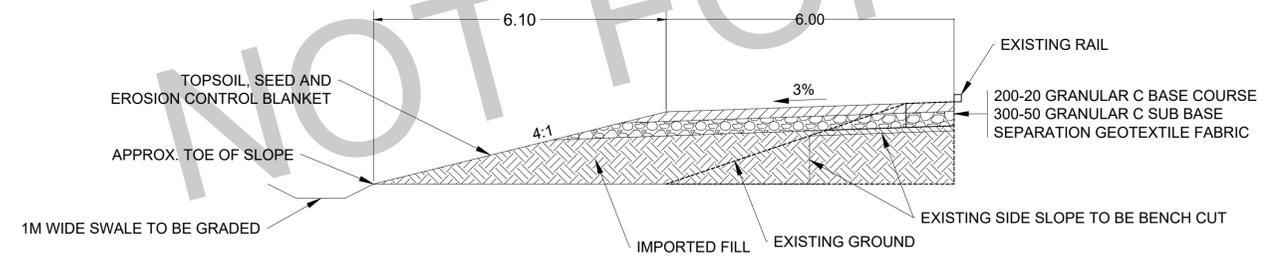


- NOTES**
- 1) ALL DIMENSIONS ARE IN METERS UNLESS NOTED OTHERWISE.
 - 2) ELEVATIONS BASED ON ASSUMED INFORMATION. BENCHMARK: TCP CONTROL POINT SOUTH OF EASTBOUND LANE. ELEV = 302.867.
 - 3) CONSTRUCTION AND SIGHTLINE CLEARING TO BE IN ACCORDANCE WITH TRANSPORT CANADA GRADE CROSSING STANDARDS AND GRADE 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
 - HIGHWAY: ASPHALT WITH GRAVEL SHOULDERS
 - HIGHWAY WIDTH: 7.4 m
 - ACCESS ROAD: GRAVEL
 - ACCESS ROAD WIDTH: 6 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.

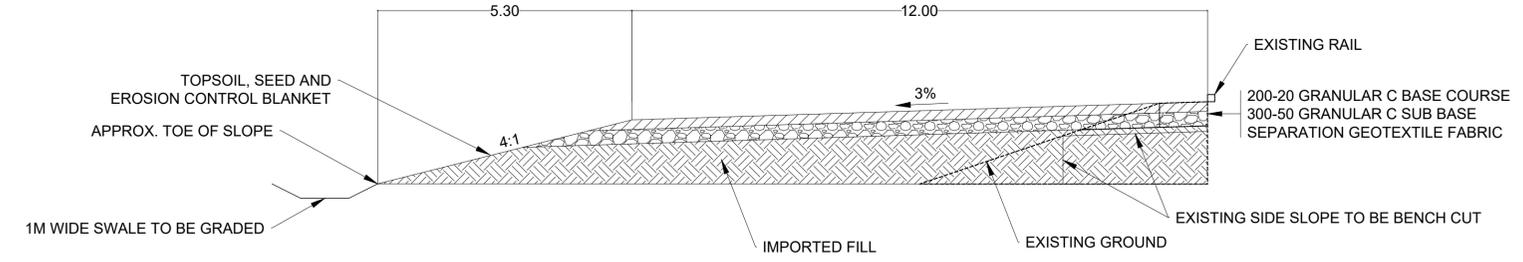


LOCATION PLAN
Scale NTS

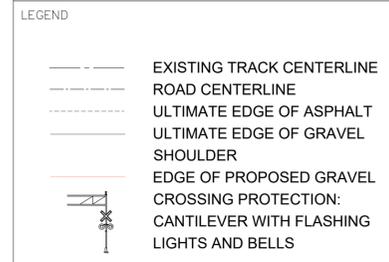
PLAN
Scale NTS



TYPICAL CROSS SECTION AT 6M ACCESS ROAD
Scale NTS



TYPICAL CROSS SECTION AT BUNGALOW PAD
Scale NTS



B.M. ELEV.			
CONSTRUCTION COMPLETION DATE:			
0	ISSUED FOR TENDER	2020-01-31	JM
NO.	REVISIONS	DATE	BY

wsp

DESIGNED BY J. MAGNE (WSP)	CHECKED BY J. MAGNE (WSP)
DRAWN BY T. WESTOLL (WSP)	APPROVED BY S. MINTY (WSP)
SCALE: HORIZONTAL AS SHOWN VERTICAL AS SHOWN	RELEASED FOR CONSTRUCTION -

ENGINEER'S SEAL

CONSULTANT DRAWING NUMBER
R-202-ACCESS

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 BUNGALOW ACCESS ROAD

SHEET 3 OF 3
CITY DRAWING NUMBER
1-0754R-G0003-001