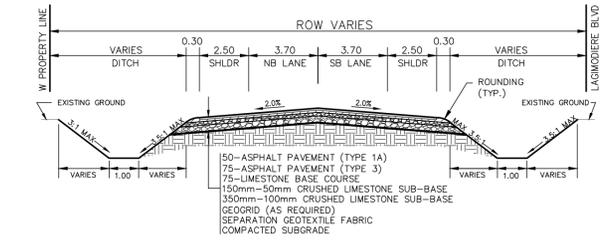


☐ CURVE DATA

Δ	= 5°54'00"
R	= 1300.000
Lc	= 133.867
ST	= 66.993



NOTE: SHOULDER WIDENS TO 3.50m AT BUS BAY LOCATIONS
TYPICAL ROAD CROSS SECTION
 NTS

PRELIMINARY
NOT FOR CONSTRUCTION

- NOTES:**
- ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH THE LATEST REVISION OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
 - CONTRACTOR TO CONFIRM THE LOCATION OF ALL UTILITIES/SERVICES IN THE FIELD PRIOR TO CONSTRUCTION.
 - ALL ROADWAY DIMENSIONS SHOWN ARE TO EDGE OF PAVEMENT.
 - ADD 200.00 TO ABBREVIATED ELEVATIONS TO OBTAIN GEODETIC ELEVATION.
 - RENEW CURB AND SIDEWALK AS IDENTIFIED BY CONTRACT ADMINISTRATOR.
 - LAMP STANDARDS, HYDRO POLES, AND ANCHORS THAT REQUIRE TEMPORARY SUPPORT, REMOVAL OR REPLACEMENT, TO BE DONE SO AT THE EXPENSE OF THE CONTRACTOR AS NECESSARY.
 - CONTRACTORS TO TAKE PRECAUTIONARY STEPS TO PROTECT EXISTING TREES WITHIN THE LIMITS OF CONSTRUCTION FROM DAMAGE FROM CONSTRUCTION ACTIVITIES AS OUTLINED IN THE SPECIFICATIONS.
 - DITCHES TO BE REGRADED AS SHOWN OR DIRECTED BY CONTRACT ADMINISTRATOR.
 - ALL BOULEVARDS AND LANDSCAPE AREAS TO BE SEEDED UNLESS OTHERWISE NOTED. LIMITS TO BE IDENTIFIED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
 - ALL APPROACHES TO BE ASPHALT UNLESS OTHERWISE SHOWN.
 - ADJUST ALL WATER VALVES, HYDRANTS, MANHOLES, AND CATCH BASINS IN WORK AREA TO GRADE AS DIRECTED BY CONTRACT ADMINISTRATOR.

EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED
---	WATER MAIN	---	---	IRON BAR	---	---	---	---
---	LAND DRAINAGE SEWER	---	---	HYDRO POLE & LIGHT STANDARD	---	---	---	---
---	WASTE WATER SEWER	---	---	LIGHT STANDARD OR TRAFFIC SIGNAL	---	---	---	---
---	HYDRO	---	---	HYDRO POLE	---	---	---	---
---	M.T.S.	---	---	CURB RAMP	---	---	---	---
---	GAS	---	---	DETECTABLE WARNING SURFACE TILE	---	---	---	---
---	SIGNALS	---	---	EDGE OF SIDEWALK	---	---	---	---
○	MANHOLE	●	---	FENCE	---	---	---	---
□	CATCH BASIN	■	---	PROPERTY LINE	---	---	---	---
△	CURB INLET	▽	---	EDGE OF CONCRETE	---	---	---	---
△ □ ○	UTILITIES ADJUSTED	△ □ ○	---	EDGE OF ASPHALT	---	---	---	---
⌋	PLUG	⌋	---	MODIFIED BARRIER CURB	---	---	---	---
◇	HYDRANT	◆	---	BARRIER CURB	---	---	---	---
⊗	VALVE	⊗	---	BARRIER CURB AND GUTTER	---	---	---	---
⌋	CURB STOP	⌋	---	CONC SIDEWALK	---	---	---	---
230.99	GROUND GRADE	(31.00)	---	CONCRETE SLAB	---	---	---	---
---	GRADE	(31.00)	---	ASPHALT	---	---	---	---
---	ANCHOR	---	---	MILLED SURFACE	---	---	---	---
#111	CIVIC ADDRESS	---	---	ASPHALT JOINT REPAIR	---	---	---	---
---	LEGEND-PLAN	---	---	LEGEND-PLAN	---	---	---	---

LOCATIONS APPROVED UNDERGROUND STRUCTURES

SIGNED BY:	DATE:
---	---
---	---

LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING

NO.	REVISIONS	DATE	BY
H	---	---	---
G	---	---	---
F	---	---	---
E	---	---	---
D	---	---	---
C	ISSUED FOR TENDER	2018-03-20	SM
B	ISSUED FOR UNDERGROUND STRUCTURES REVIEW	2018-03-09	SM
A	ISSUED FOR CLIENT REVIEW	2018-02-21	SM
NO.	REVISIONS	DATE	BY

wsp

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DESIGNED BY: RH
 CHECKED BY: VM/SM
 DRAWN BY: RH
 APPROVED BY: SM

HOR. SCALE: 1:250
 VERTICAL SCALE: 1:10

RELEASED FOR CONSTRUCTION: 2017-11-20

ENGINEER'S SEAL

S.C. MINTY
 Member 23073
 REGISTERED PROFESSIONAL ENGINEER

CONSULTANT ACAD DWG. NO. 17M-02216-00-C-20

THE CITY OF WINNIPEG
 PUBLIC WORKS DEPARTMENT
 ENGINEERING SERVICES DIVISION

2018 LOCAL STREET RENEWAL PROGRAM

DE VRIES AVENUE
 SPRINGFIELD ROAD TO MCIVOR AVENUE
 PAVEMENT REHABILITATION
 STA. 5+10 TO STA. 6+80

CITY DRAWING NUMBER: ---
 SHEET 20 OF 22
 BID NO. 33-2018

METRIC
 WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES

ENGINEERS GEOSCIENTISTS MANITOBA
 Certificate of Authorization
WSP Canada Group Limited
 No. 6657