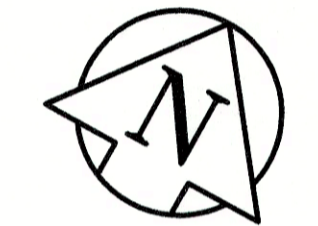


TYPICAL CROSS SECTION



MATCHLINE STATION 0+220



- REFERENCE NOTES**
- A. PAVEMENT DIMENSIONS ARE TO BACK OF CURB
 - B. BASELINE IS CENTRE LINE RIGHT-OF-WAY
 - C. PROPERTY LINES OBTAINED FROM CITY OF WINNIPEG L.B.I.S., AND NO SCALE FACTOR WAS APPLIED
 - D. REFER TO AECOM FIELD BOOK NO. 4918

- CONSTRUCTION NOTES**
1. REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 100mm ASPHALTIC PAVEMENT (TYPE 1A)
 2. REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT
 3. REMOVE AND REINSTALL EXISTING PAVING STONES AND CONSTRUCT 150mm CONCRETE BARRIER CURB EDGING
 4. RENEW EXISTING 100mm CONCRETE SIDEWALK
 5. CONSTRUCT NEW BARRIER CURB AND GUTTER (180mm HT.)
 6. CONSTRUCT NEW LIP CURB AND GUTTER (40mm HT. INTEGRAL)
 7. INSTALL NEW CURB AND GUTTER INLET c/w 1200mm CATCH BASIN (SD-024) AND CONNECT TO EXISTING LEAD
 8. INSTALL 150mm SUBDRAIN
 9. REMOVE EXISTING FRAME AND COVER AND PLACE NEW FRAME AND SOLID COVER
 10. ADJUST EXISTING MANHOLE TO GRADE
 11. INSTALL NEW CAST IRON RISER RING
 12. ADJUST EXISTING WATER VALVE TO GRADE
 13. ADJUST EXISTING CURB STOP
 14. REMOVE EXISTING LIGHT STANDARD AND INSTALL NEW LIGHT STANDARD
 15. INSTALL NEW CURB AND GUTTER INLET c/w CATCHPIT (SD-023) AND CONNECT TO NEW CATCHBASIN
 16. INSTALL NEW CURB AND GUTTER INLET c/w CATCHPIT (SD-023) AND CONNECT TO EXISTING CATCHBASIN
 17. ADJUST EXISTING PATIO BLOCKS
 18. REMOVE AND REINSTALL EXISTING BRICK PAVERS
 19. CONSTRUCT NEW RAMP CURB AND GUTTER (10mm HT. INTEGRAL)
 20. CONSTRUCT NEW MODIFIED BARRIER CURB AND GUTTER (180mm HT.)
 21. REMOVE EXISTING INLET/CATCHBASIN AND PLUG EXISTING LEAD
 22. REMOVE EXISTING CATCHBASIN
 23. CAUTION: GEODETIC SURVEY MONUMENT

AECOM
 Certificate of Authorization
 AECOM Canada Ltd.
 No. 4671 Date: *April 21/16*

METRIC
 WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
150 mm W.M.	WATERMAIN	150 mm W.M.	---	HYDRO	---	X	C PROFILE	---
Hydrant	HYDRANT	Hydrant	---	M.T.S.	---	□	NORTH/WEST GUTTER	---
Valve	VALVE	Valve	---	CONCRETE	---	□	SOUTH/EAST GUTTER	---
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	---	ASPHALT	---	◇	N/W PROPERTY LINE	---
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	---	PROPERTY LINE	---	○	S/E PROPERTY LINE	---
Manhole	MANHOLE	Manhole	---	SURVEY BAR	---	+		---
Catch Basin	CATCH BASIN	Catch Basin	---	ELEVATION	---	35.750		---
Catch Pit	CATCH PIT	Catch Pit	---	TREE	---	○		---
Junctions	JUNCTIONS	Junctions	---	SIDEWALK RAMP	---	---		---
Culvert	CULVERT	Culvert	---	CONCRETE SIDEWALK	---	---		---
Gas	GAS	Gas	---	FENCE	---	---		---

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE DATE

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

B.M. 54 - 037 84R737 NE corner of St Anne's Rd & Wingham Ave. Elev. 230.722
 Elev. 230.722 Tbl on pipe, 2.7m W of E Limit of St Anne's Rd & 3.8m N of N Limit of Wingham Ave

AECOM

DESIGNED BY: BC
 CHECKED BY: KWR/BC
 DRAWN BY: JC/PB/RT
 APPROVED BY: [Signature]
 HOR. SCALE: 1:250
 VERTICAL: 1:10
 ISSUED FOR TENDER: 04/13/2016 BC
 ISSUED FOR REVIEW: 03/31/2016 BC
 RELEASSED FOR CONSTRUCTION BY: [Signature]
 DATE: April 21/16

ENGINEER'S SEAL
 PROVINCE OF MANITOBA
 K.W. RAE
 REGISTERED PROFESSIONAL ENGINEER

THE CITY OF WINNIPEG
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION

2016 LOCAL STREET RENEWAL PROGRAM

PORTLAND AVENUE: NEEPAWA STREET TO ST GEORGE ROAD
 ASPHALT RECONSTRUCTION
 NEEPAWA STREET TO STATION 0+220

CITY DRAWING NUMBER
 SHEET 3 OF 11