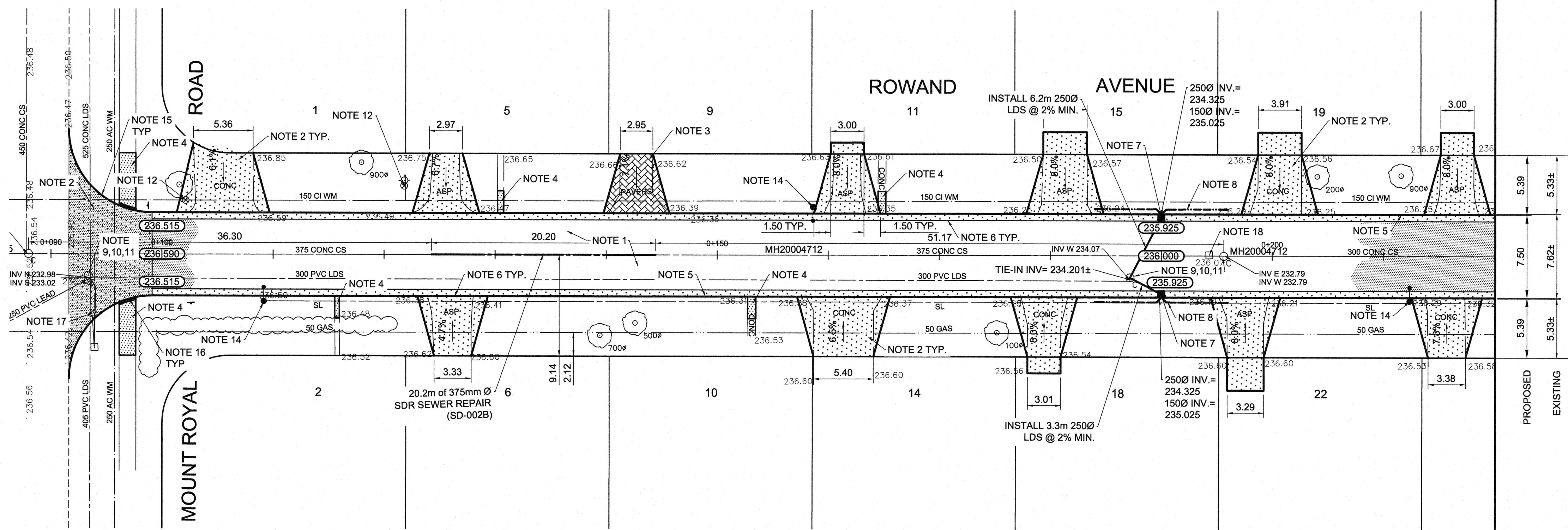


TYPICAL CROSS SECTION



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.4909

CONSTRUCTION NOTES

1. REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 100mm ASPHALTIC PAVEMENT (TYPE 1A)
2. REMOVE EXISTING CONCRETE / ASPHALT PAVEMENT AND CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT
3. REMOVE AND REINSTALL EXISTING PAVING STONES AND CONSTRUCT 150mm HT. 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 CATCH BASIN (SD-024) AND CONNECT NEW 250mm LEAD TO EXISTING MANHOLE
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. RELOCATE EXISTING LIGHT STANDARD
15. CONSTRUCT NEW MODIFIED BARRIER CURB (180mm HT INTERGAL)
16. CONSTRUCT NEW RAMP CURB 10mm HT INTERGAL
17. ADJUST EXISTING CURB & GUTTER INLET
18. REMOVE EXISTING CATCHBASIN AND PLUG EXISTING LEAD



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	300mm L.D.S.	LAND DRAINAGE SEWER	250mm W.W.S.	WASTEWATER SEWER	MANHOLE	CATCH BASIN	CATCH PIT	JUNCTIONS	CULVERT	GAS	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED	
⊕	HYDRANT	⊕	M.T.S.	⊕	VALVE	⊕	CONCRETE	⊕	ASPHALT	⊕	PROPERTY LINE	⊕	PROPERTY LINE	⊕	PROPERTY LINE	⊕	PROPERTY LINE	⊕	PROPERTY LINE	⊕	PROPERTY LINE	⊕	PROPERTY LINE
⊕	CONCRETE	⊕	ASPHALT	⊕	PROPERTY LINE	⊕	PROPERTY LINE	⊕	PROPERTY LINE	⊕	PROPERTY LINE	⊕	PROPERTY LINE	⊕	PROPERTY LINE	⊕	PROPERTY LINE	⊕	PROPERTY LINE	⊕	PROPERTY LINE	⊕	PROPERTY LINE
⊕	MANHOLE	⊕	SURVEY BAR	⊕	ELEVATION	⊕	TREE	⊕	SIDEWALK RAMP	⊕	CONCRETE SIDEWALK	⊕	FENCE	⊕	LEGEND - PLAN	⊕	LEGEND - PROFILE	⊕	LEGEND - PROFILE	⊕	LEGEND - PROFILE	⊕	LEGEND - PROFILE

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 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 WITH CONSTRUCTION.

B.M. 39 - 057 83R611 NE cor Portage & Strathmillan, Tilt on pipe. On North line Portage & 2m W of East Limit Strathmillan Rd along North line of Portage Ave

NO.	ISSUED FOR TENDER	03/16/2016	BC
A	ISSUED FOR REVIEW	02/12/2016	BC
NO.	REVISIONS	DATE	BY

AECOM

DESIGNED BY: BC
CHECKED BY: KWR
DRAWN BY: JT/JC/PB
APPROVED BY:
HOR. SCALE: 1:250
VERTICAL: 1:10
RELEASED FOR CONSTRUCTION BY:
DATE: MAR 15/16

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

CONSULTANT DRAWING NO. CT-08

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2016 LOCAL STREET RENEWAL PROGRAM

ROWAND AVENUE - MOUNT ROYAL RD TO MOUNT ROYAL RD
ASPHALT RECONSTRUCTION
MOUNT ROYAL ROAD TO STATION 0+220

CITY DRAWING NUMBER
SHEET 08 OF 19