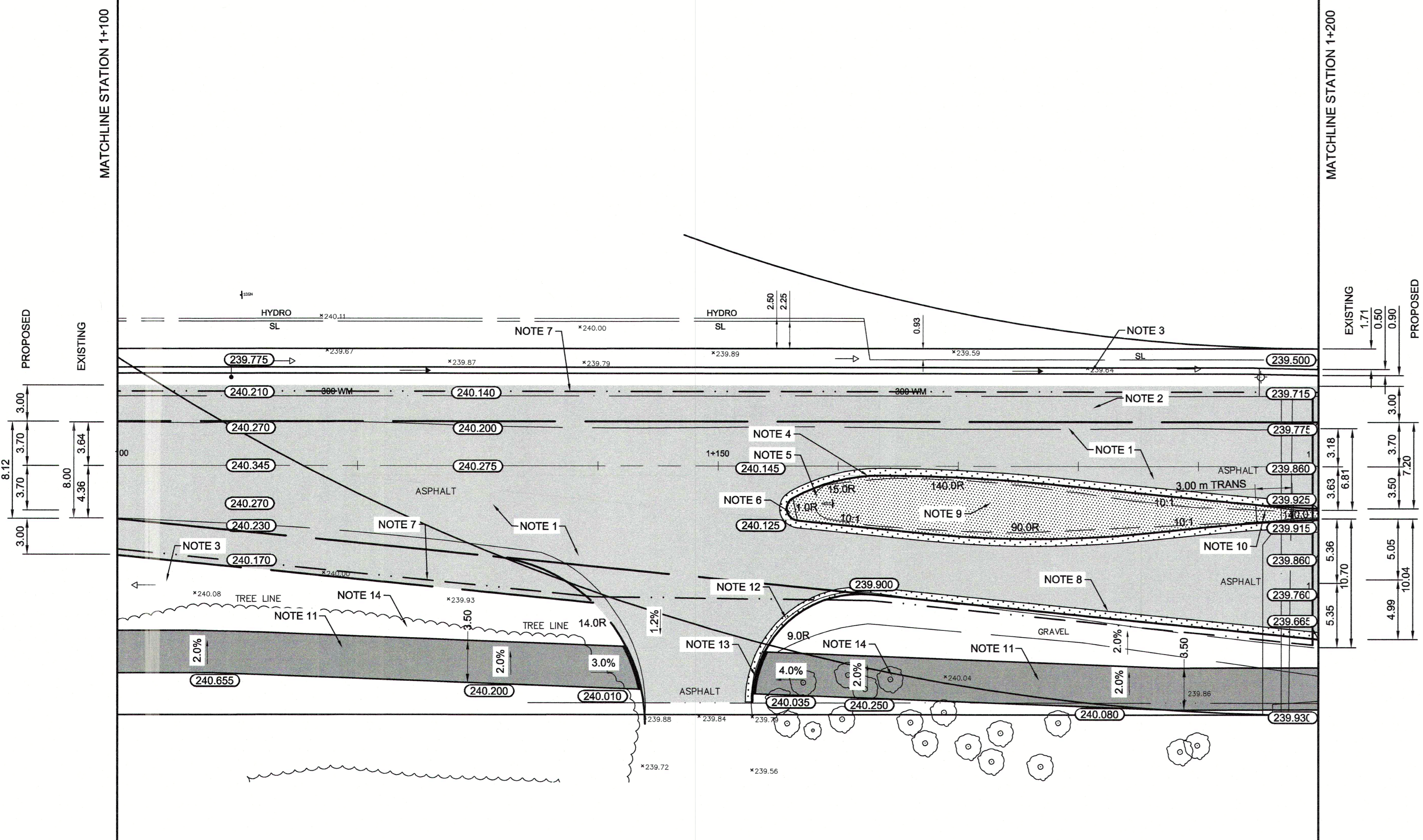
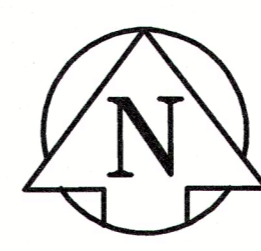


TYPICAL ROAD CROSS SECTION  
NTS



REFERENCE NOTES:

- A. PAVEMENT DIMENSIONS ARE TO BACK OF CURB
- B. BASELINE IS CENTRE LINE ROADWAY
- 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. 5107

CONSTRUCTION NOTES:

- 1. REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW ASPHALT PAVEMENT
- 2. CONSTRUCT NEW ASPHALT SHOULDER (3.0m WIDE)
- 3. REGRADE EXISTING DITCH
- 4. REMOVE EXISTING CONCRETE CURB AND GUTTER AND CONSTRUCT NEW CONCRETE CURB AND GUTTER (180mm REVEAL HT.)
- 5. REMOVE EXISTING MONOLITHIC CONCRETE BULL NOSE
- 6. CONSTRUCT NEW MONOLITHIC CONCRETE BULL NOSE
- 7. INSTALL NEW 150mm SUBDRAIN ALONG THE NORTH AND SOUTH SIDE EDGE OF EXCAVATION
- 8. CONSTRUCT NEW BARRIER CURB AND GUTTER SD-200 (180mm REVEAL HT., INTEGRAL)
- 9. CONSTRUCT NEW CONCRETE MEDIAN SLAB (SD-227A)
- 10. CONSTRUCT NEW SAFETY MEDIAN (SD-226A)
- 11. CONSTRUCT NEW 80mm ASPHALT PATH TYPE 1A
- 12. CONSTRUCT NEW MODIFIED BARRIER CURB AND GUTTER (180mm REVEAL HT., INTEGRAL)
- 13. CONSTRUCT NEW CURB RAMP CURB AND GUTTER (10-12mm REVEAL HT., INTEGRAL)
- 14. REMOVE EXISTING TREES

**ENGINEERS  
GEOLOGISTS  
MANITOBA**  
Certificate of Authorization  
AECOM Canada Ltd.  
No. 4671 Date: 12/15/22

**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	---	---	Q PROFILE	---
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	---	M.T.S.	---	---	SOUTH GUTTER	---
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	---	CONCRETE	---	---	SOUTH MEDIAN GUTTER	---
○	MANHOLE	●	---	ASPHALT	---	---	SOUTH DITCH Q	---
□	CATCH BASIN	■	---	PROPERTY LINE	---	---	NORTH GUTTER	---
▽	CATCH PIT	▲	---	SURVEY BAR	---	---	NORTH MEDIAN GUTTER	---
+	JUNCTIONS	+	---	ELEVATION	---	---	NORTH DITCH Q	---
▭	CULVERT	▭	---	TREE	---	---	S PROPERTY LINE	---
---	GAS	---	---	SIDEWALK RAMP	---	---	N PROPERTY LINE	---

**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. #1 - 74M631 - Tbt. In E. wall adjacent to Main Entrance of ELEV. Boeing of Canada Bldg., No. 99 Murray Park Rd., 0.7 m N of S.E. Cor. of main entrance. EL: 238.254

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	03/15/22	BC
A	ISSUED FOR REVIEW	02/11/22	BC

ENGINEER'S SEAL

PROVINCE OF MANITOBA  
R.T. CUNNINGHAM  
Member  
24711  
REGISTERED PROFESSIONAL ENGINEER

**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION

2022 INDUSTRIAL STREET  
RENEWAL PROGRAM

MURRAY PARK ROAD - STA 1+100 TO STA 1+200  
ASPHALT PAVEMENT RECONSTRUCTION  
PLAN/PROFILE

CITY DRAWING NUMBER  
SHEET 12 OF 20



DESIGNED BY	BC	CHECKED BY	RC
DRAWN BY	JT	APPROVED BY	RC
HOR. SCALE: 1:250		RELEASED FOR CONSTRUCTION BY:	
VERTICAL: 1:10		DATE	
DATE	02/11/22	DATE	-

CONSULTANT DRAWING NO.  
CT-12