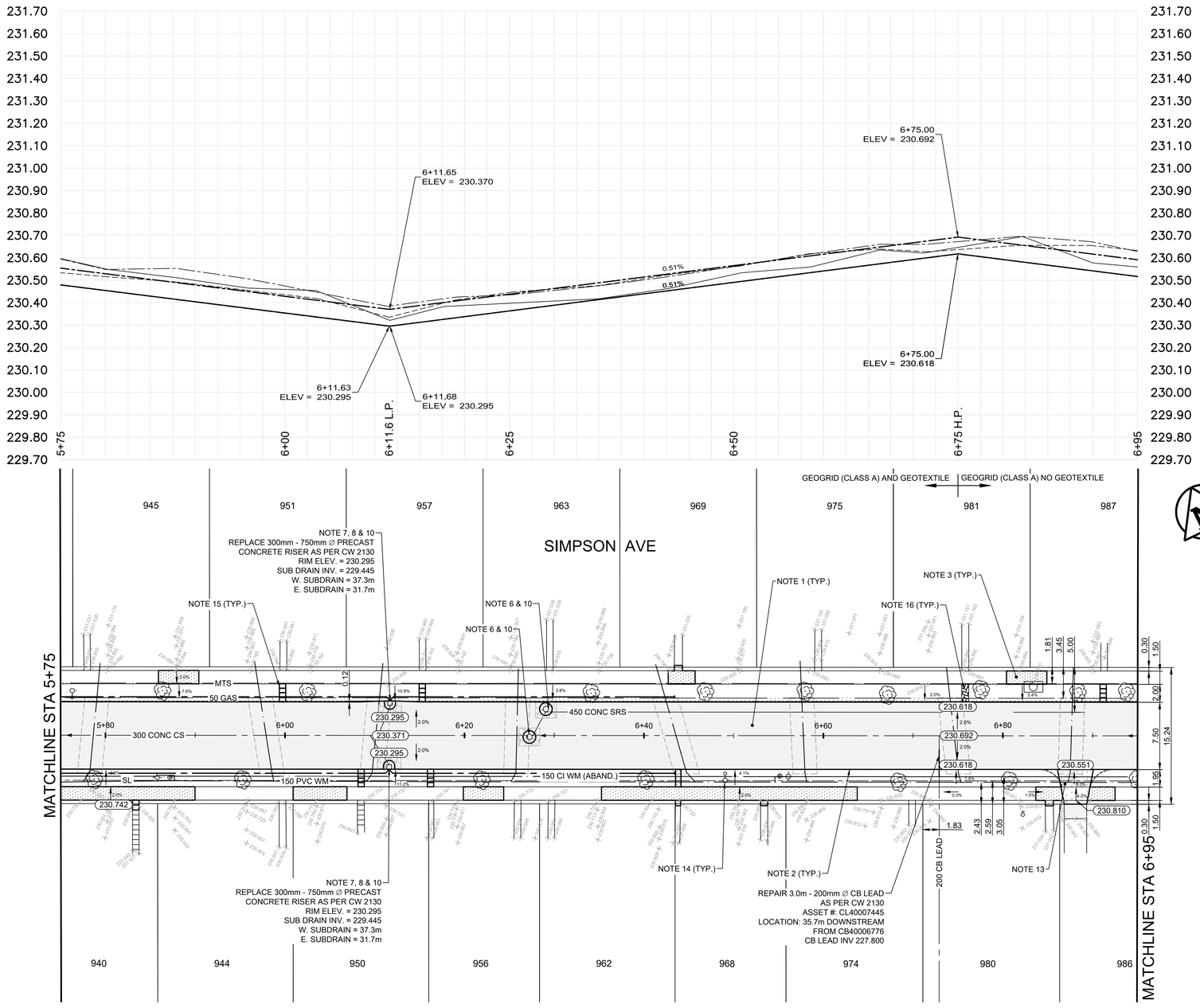

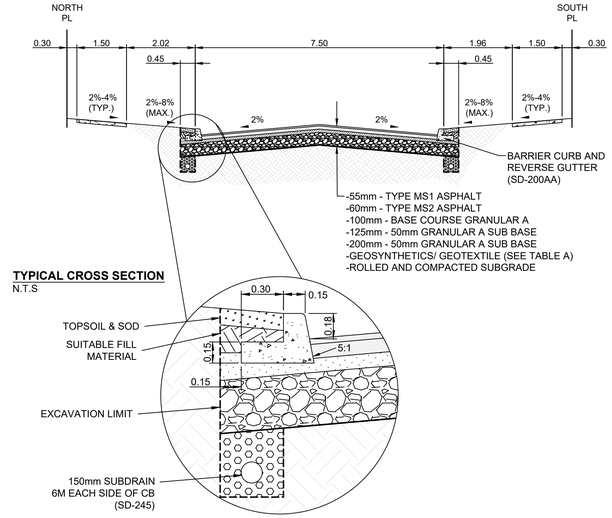

TYPICAL CROSS SECTION
N.T.S

NOTES:

- REFER TO SPECIFICATION *E##* *BARRIER CURB AND REVERSED GUTTER FOR ASPHALT PAVEMENT* OF THE TENDER DOCUMENT
- TRANSVERSE JOINT SAW CUT EVERY 3.0m TO A MAXIMUM DEPTH OF 25mm

TABLE A - GEOSYNTHETICS/ GEOTEXTILE MATERIAL

TYPE	START (STA.)	END (STA.)
MIRAFI H2Ri	STA. 1+00	STA. 1+88
TerrTex® DriBase	STA. 1+88	STA. 2+93
TITAN WickGrid	STA. 2+93	STA. 4+12
GEOGRID (CLASS A) AND GEOTEXTILE SEPARATION/ FILTRATION	STA. 4+20	STA. 6+75
GEOGRID (CLASS A) NO GEOTEXTILE SEPARATION/ FILTRATION	STA. 6+75	STA. 7+29.3

NOTE: SEE E23 AND APPENDIX 'E' OF THE TENDER DOCUMENT FOR INSTALLATION SPECIFICATIONS

CONSTRUCTION NOTES

1. REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW 115mm ASPHALT PAVEMENT
2. CONSTRUCT NEW CONCRETE CURB AND REVERSED GUTTER FOR ASPHALT PAVEMENT (SD-200AA, E19)
3. RENEW EXISTING CONCRETE SIDEWALK (SD-228A)
4. INSTALL NEW DETECTABLE WARNING SURFACE TILE (SD-229E)
5. CONSTRUCT NEW CURB RAMP (SD-229F, E19)
6. INSTALL NEW FRAME AND SOLID COVER (AP-006, AP-007) AND ADJUST TO GRADE
7. INSTALL NEW CURB AND GUTTER INLET FRAME AND COVER (E24) AND ADJUST TO GRADE
8. INSTALL 150mm Ø SUB DRAINS (BOTH SIDES), CONNECT TO CATCH BASIN (SD-245) AND CAP ENDS AS PER CW 3120
9. MILL EXISTING ASPHALT AND OVERLAY WITH NEW TYPE MS1 ASPHALT
10. CONSTRUCT MIN. 150mm CONCRETE ISOLATION AND INSTALL TYPE B PAVEMENT REPAIR FABRIC (SD-220D, E11)
11. CONSTRUCT 150mm REINFORCED CONCRETE PAVEMENT
12. LIMIT OF RECONSTRUCTION
13. REMOVE EXISTING APPROACH AND CONSTRUCT NEW 150mm REINFORCED CONCRETE APPROACH WITH 75mm LIP CURB WITH INTEGRAL APPROACH FOR ASPHALT PAVEMENT (SD-202CA, SD-235, E19)
14. LIGHT STANDARD TO BE RELOCATED BY OTHERS
15. RE-GRADE EXISTING PRECAST SIDEWALK BLOCKS
16. RE-GRADE EXISTING PAVING STONES
17. CONSTRUCT 1.0m CURB CUT WITH 25mm REVEAL

GENERAL NOTES

A. PAVEMENT DIMENSIONS ARE TO BACK OF CURB
B. ALL CURB RADII UNDER 15.0m SHALL BE MODIFIED (SD-203C, E19)
C. CURB REPLACEMENT AS DIRECTED BY CONTRACT ADMINISTRATOR
D. CONTRACTOR TO CONFIRM THE LOCATION OF ALL UTILITIES/SERVICES IN THE FIELD PRIOR TO CONSTRUCTION
E. ADJUST ALL EXISTING WATER VALVES AND CURB STOPS TO GRADE
F. PAVEMENT REPAIRS SHOWN ARE A REPRESENTATIVE SAMPLE OF THE TENDER QUANTITIES
G. ALL WATER SERVICES WITHIN THE LIMITS OF THE RECONSTRUCTION SHALL BE INSULATED AS PER SD-018

ISSUED FOR TENDER
NOT TO BE USED FOR CONSTRUCTION

METRIC
WHOLE NUMBERS INDICATE MILLIMETERS
DECIMALIZED NUMBERS INDICATE METERS

TENDER NO. 11-2025

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
	HYDRANT			LDS/WWS			CONCRETE	
	VALVE			WATERMAIN			CONCRETE SIDEWALK	
	CURB STOP			GAS			ASPHALT	
	MANHOLE			TRAFFIC SIGNALS			PAVING STONES	
	CATCH BASIN			HYDRO/STREET LIGHT			PAVEMENT REPAIR FABRIC	
	CATCH PIT/CURB INLET			MTS/SHAW			WATER SERVICE INSULATION	
	HYDRO POLE			CURB RENEWAL			SUB DRAINS	
	LIGHT STANDARD			PROPERTY LINE				
	TRAFFIC SIGNAL POLE			RAMP CURB			NORTH GUTTER	
	SURVEY BAR		231.000	ELEVATIONS	231.000		CENTER LINE	
	GEODETIC BENCH MARK			TREE			SOUTH GUTTER	

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPR. 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. IB @ S.W. CORNER BESANT & SIMPSON
ELEV. 230.598

NO.	REVISIONS	DATE	BY
2.	ISSUED FOR TENDER	25/03/07	V.S.
1.	SUBMIT FOR PLAN APPROVAL	25/02/10	C.W.

ENGINEERING DIVISION
TECHNOLOGY SERVICES BRANCH
106 - 1155 PACIFIC AVE

DESIGNED BY	V.S.	CHECKED BY	G.K , R.W.
DRAWN BY	V.S.	APPROVED BY	J.T.S
HOR. SCALE:	1 : 250		
VERTICAL:	1 : 10		
DATE	2025/03/05		

PROVINCE OF MANITOBA — J.T. SHUMKA — Member 32541 — REGISTERED PROFESSIONAL ENGINEER
2025-03-05

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

SIMPSON AVENUE
FROM LONDON ST TO LOUELDA ST
ASPHALT RECONSTRUCTION AND ASSOCIATED WORKS
FROM STA. 5+75 TO STA. 6+95

CITY DRAWING NUMBER SE-25-421
SHEET 22 OF 23
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