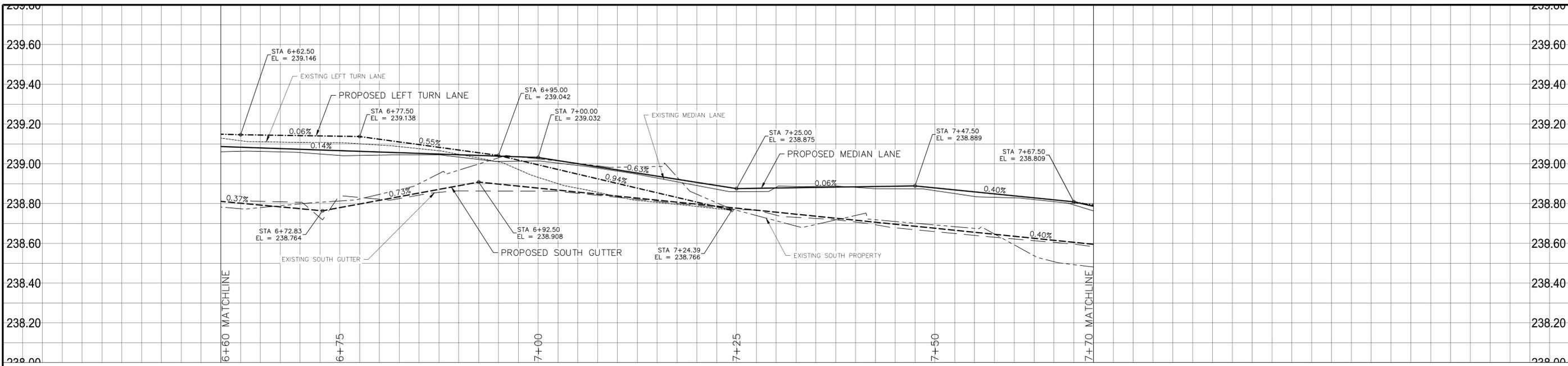
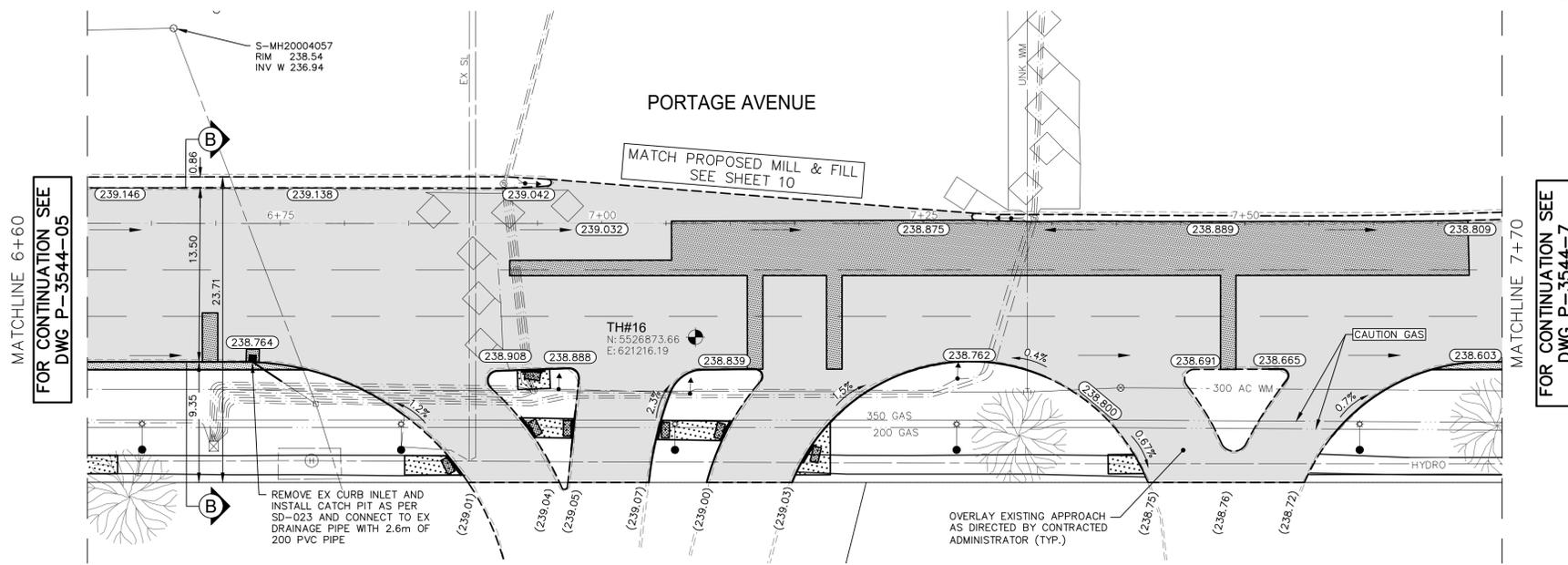


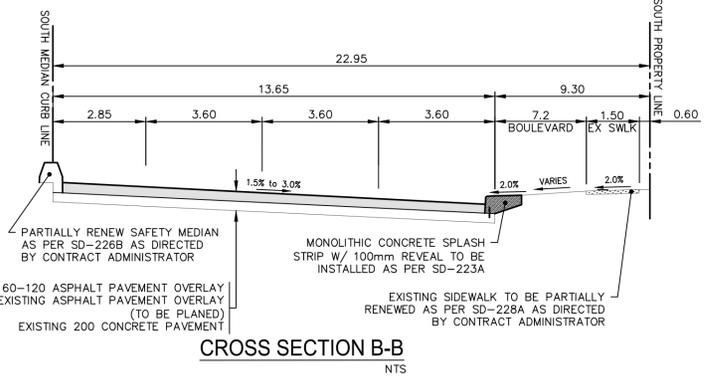
Apr 21, 2021 - 12:39pm P:\2021\211-00206-00 - 2021 Portage Ave Pavement Renewals\4.0 Tech & Professional Services\4.01 Transportation Engineering\4.01 Working Drawings\04 Drawings\04 Working Drawings\211-00206-00 Portage Ave\_Rehab\_Plan&Profile.dwg - tab:217-2021\_Profile.dwg - 3544-06-RA



**PORTAGE AVENUE EASTBOUND PROFILE**



- NOTES:**
1. ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH THE LATEST REVISION OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
  2. CONTRACTOR TO CONFIRM THE LOCATION OF ALL UTILITIES/SERVICES IN THE FIELD PRIOR TO CONSTRUCTION.
  3. ALL ROADWAY DIMENSIONS SHOWN ARE TO BACK OF CURB.
  4. EXISTING ASPHALT TO BE PLANED AS SHOWN OR AS DIRECTED BY CONTRACT ADMINISTRATOR.
  5. FULL-DEPTH PATCHING OF EXISTING 200mm PAVEMENT SLABS AND JOINTS SHOWN ARE ONLY A REPRESENTATIVE APPROXIMATION OF THE TENDERED QUANTITIES.
  6. FULL-DEPTH REPLACEMENT OF EXISTING PAVEMENT SLABS SHALL BE IN ACCORDANCE WITH CW 3230-RB.
  7. EXISTING SIDEWALK TO BE RENEWED AS PER SD-228A AND AS DIRECTED BY CONTRACT ADMINISTRATOR.
  8. EXISTING MEDIAN BARRIER AND SAFETY CURB TO BE RENEWED AS DIRECTED BY CONTRACT ADMINISTRATOR.
  9. MONOLITHIC CONCRETE SPLASH STRIP TO BE INSTALLED ALONG GUTTER LANE AS PER SD-223A.
  10. MODIFIED BARRIER CURB TO BE CONSTRUCTED AT INTERSECTION RADI AS DIRECTED BY CONTRACT ADMINISTRATOR.
  11. REGARDE EXISTING INTERLOCKING PAVING STONES BEHIND MEDIAN CURB AS DIRECTED BY CONTRACT ADMINISTRATOR.
  12. MISCELLANEOUS TRAFFIC SIGNALS POLE AND VEHICLE HEAD REPLACEMENT BY OTHERS AT ALL SIGNALIZED INTERSECTIONS.
  13. CONTRACTORS TO TAKE PRECAUTIONARY STEPS TO PROTECT EXISTING TREES WITHIN THE LIMITS OF CONSTRUCTION FROM DAMAGE FROM CONSTRUCTION ACTIVITIES AS OUTLINED IN THE SPECIFICATIONS.
  14. 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.
  15. ALL BOULEVARDS TO BE SEEDED AS PER E13 UNLESS OTHERWISE NOTED.
  16. ADJUST ALL WATER VALVES, HYDRANTS, MANHOLES, AND CATCH BASINS IN WORK AREA TO GRADE.



| LEGEND-PLAN         | PROPOSED | EXISTING | LEGEND-PROFILE                   | PROPOSED | EXISTING |
|---------------------|----------|----------|----------------------------------|----------|----------|
| WATER MAIN          | —+—      | —+—      | IRON BAR                         | —+—      | —+—      |
| LAND DRAINAGE SEWER | —+—      | —+—      | HYDRO POLE & LIGHT STANDARD      | —+—      | —+—      |
| WASTE WATER SEWER   | —+—      | —+—      | LIGHT STANDARD OR TRAFFIC SIGNAL | —+—      | —+—      |
| HYDRO               | —+—      | —+—      | HYDRO POLE                       | —+—      | —+—      |
| BELL/MTS            | —+—      | —+—      | CURB RAMP                        | —+—      | —+—      |
| GAS                 | —+—      | —+—      | DETECTABLE WARNING SURFACE TILE  | —+—      | —+—      |
| SIGNALS             | —+—      | —+—      | EDGE OF SIDEWALK                 | —+—      | —+—      |
| MANHOLE             | —+—      | —+—      | FENCE                            | —+—      | —+—      |
| CATCH BASIN         | —+—      | —+—      | PROPERTY LINE                    | —+—      | —+—      |
| CURB INLET          | —+—      | —+—      | EDGE OF ASPHALT                  | —+—      | —+—      |
| UTILITIES ADJUSTED  | —+—      | —+—      | EDGE OF CONCRETE                 | —+—      | —+—      |
| PLUG                | —+—      | —+—      | MODIFIED BARRIER CURB            | —+—      | —+—      |
| HYDRANT             | —+—      | —+—      | BARRIER CURB                     | —+—      | —+—      |
| VALVE               | —+—      | —+—      | MONOLITHIC CONCRETE SPLASH STRIP | —+—      | —+—      |
| CURB STOP           | —+—      | —+—      | CONC SIDEWALK                    | —+—      | —+—      |
| GROUND GRADE        | —+—      | —+—      | CONCRETE SLAB                    | —+—      | —+—      |
| PAVEMENT GRADE      | —+—      | —+—      | ASPHALT                          | —+—      | —+—      |
| ANCHOR              | —+—      | —+—      | MILLED SURFACE                   | —+—      | —+—      |
| CIVIC ADDRESS       | —+—      | —+—      | PAVEMENT REPAIR FABRIC           | —+—      | —+—      |
| EXISTING            | —+—      | —+—      |                                  | —+—      | —+—      |

**LOCATIONS APPROVED UNDERGROUND STRUCTURES**

SIGNED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

SUP U/G STRUCTURES

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 EXISTANCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING

| NO. | REVISIONS                            | DATE     | BY |
|-----|--------------------------------------|----------|----|
| H   |                                      |          |    |
| G   |                                      |          |    |
| F   |                                      |          |    |
| E   |                                      |          |    |
| D   | ISSUED FOR TENDER                    | 20210401 | KG |
| C   | ISSUED FOR UGS AND UTILITIES REVIEW  | 20210409 | KG |
| B   | ISSUED FOR DETAILED DESIGN REVIEW    | 20210405 | KG |
| A   | ISSUED FOR PRELIMINARY DESIGN REVIEW | 20210305 | KG |

**wsp**

G.B.M. ELEV. 240.322

TOP OF FIRST HYDRANT WEST OF ST CHARLES STREET IN SOUTH BOULEVARD

WSP Canada Inc.  
Suite 111 - 93 Lombard Ave  
Winnipeg, MB R3B 3B1  
t. 204.943.3178  
f. 204.943.4948  
www.wsp.com

DESIGNED BY: AG CHECKED BY: KG

DRAWN BY: AG APPROVED BY: VM

HOR. SCALE: 1:250

VERTICAL: 1:10

RELEASED FOR CONSTRUCTION

DATE: -- DATE: --

ENGINEERS SEAL

CONSULTANT ACAD DWG. NO. 211-00206-00-06

**FOR TENDER PURPOSES ONLY**

**NOT FOR CONSTRUCTION**

**METRIC**

WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

**ENGINEERS GEOSCIENTISTS MANITOBA**

Certificate of Authorization  
WSP Canada Inc.  
No. 5750

**THE CITY OF WINNIPEG**

PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES DIVISION

**2021 PORTAGE AVENUE PAVEMENT RENEWALS**

EASTBOUND PORTAGE AVENUE  
PAVEMENT REHABILITATION  
STA. 6+60 TO STA. 7+70

CITY DRAWING NUMBER: P-3544-06

SHEET 06 OF 11

TENDER NO. 217-2021