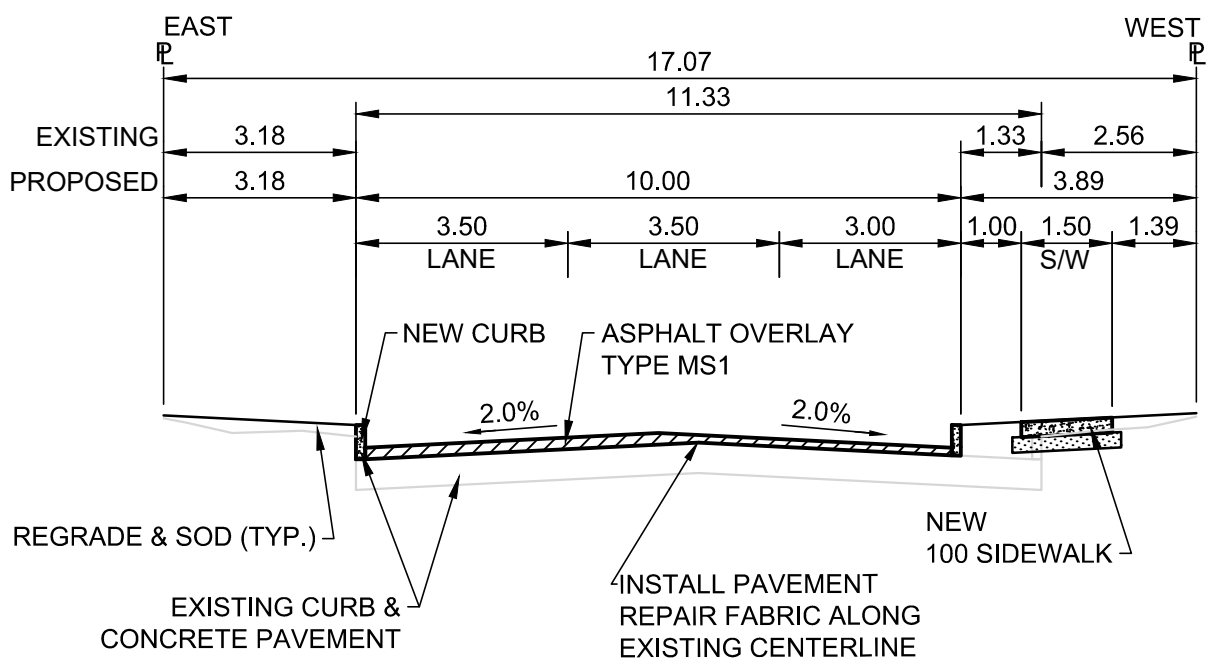
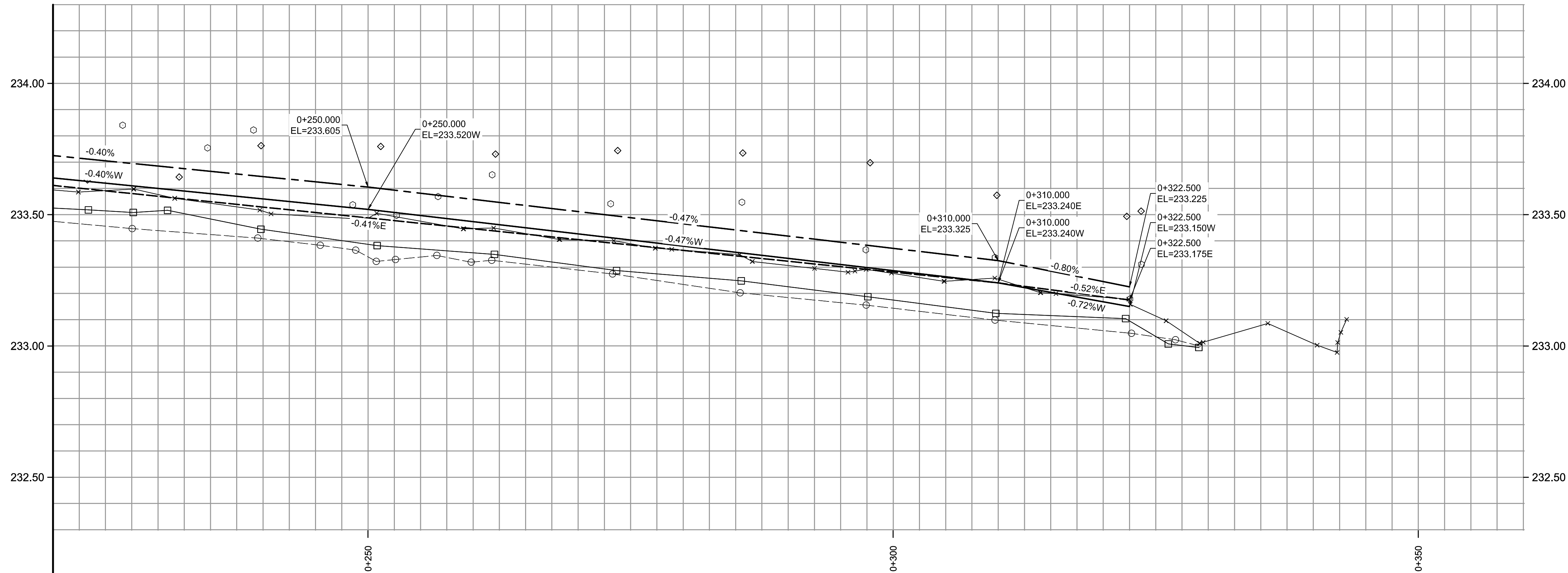
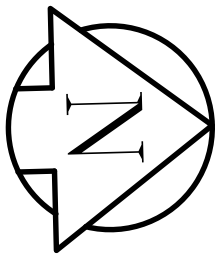
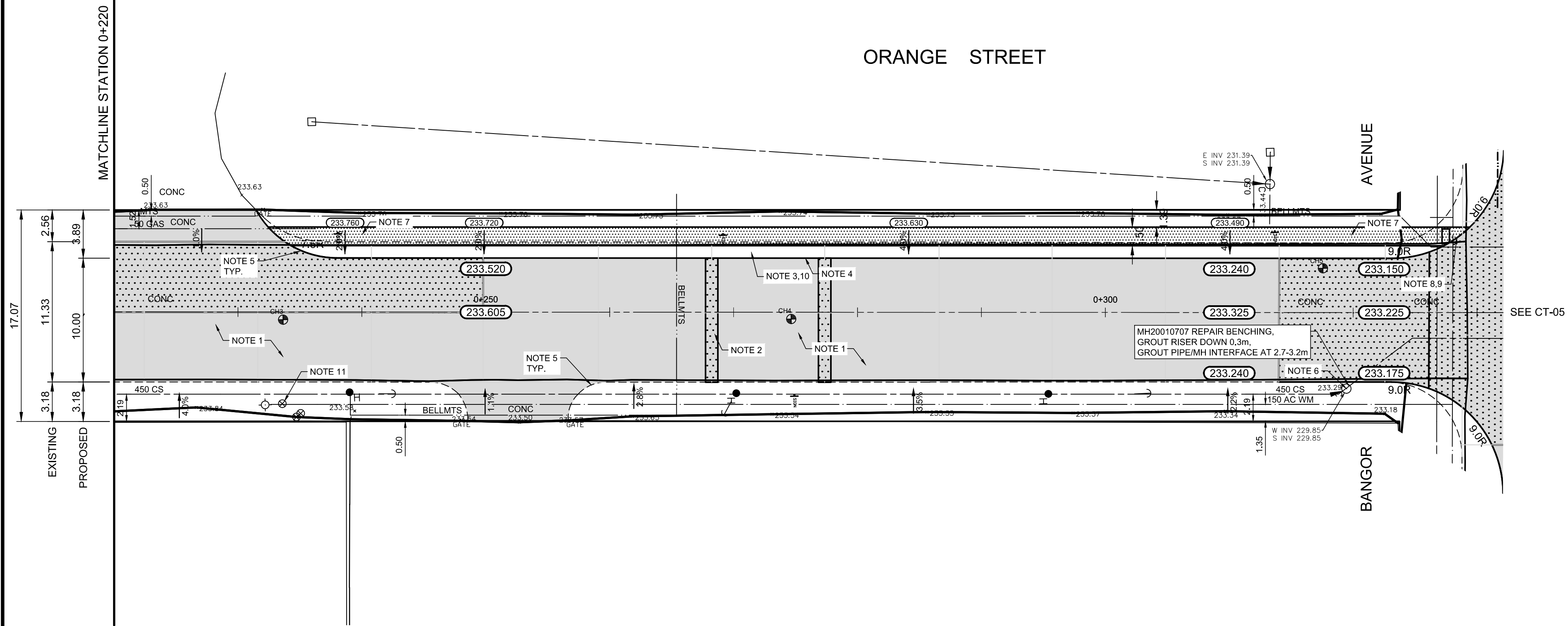




TYPICAL CROSS SECTION  
Scale N.T.S.

ORANGE STREET

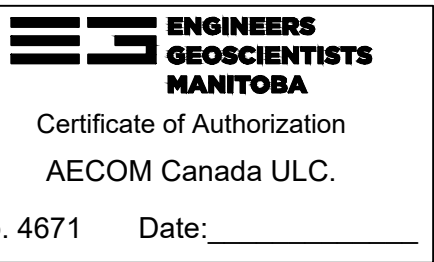


REFERENCE NOTES:

- PAVEMENT DIMENSIONS ARE TO BACK OF CURB
  - PROPERTY LINES OBTAINED FROM CITY OF WINNIPEG L.B.I.S., AND NO SCALE FACTOR WAS APPLIED
- REFER TO AECOM FIELD BOOK NO. 5188

CONSTRUCTION NOTES:

- PLACE NEW ASPHALT PAVEMENT OVERLAY MS1 (85mm AVERAGE THICKNESS)
- REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT c/w ASPHALT PAVEMENT OVERLAY MS1 (85mm AVERAGE)
- REMOVE EXISTING PAVEMENT
- CONSTRUCT NEW CONCRETE BARRIER CURB (150mm HT. SEPARATE)
- CONSTRUCTED MODIFIED BARRIER CURB (150mm HT. DOWELED)
- ADJUST EXISTING MANHOLE / CATCH BASIN TO GRADE
- INSTALL NEW 100mm SIDEWALK INCLUDING SIDEWALK EXPANSION JOINTS
- INSTALL DETECTABLE SURFACE WARNING TILES
- CONSTRUCTION OF NEW MONOLITHIC CURB RAMP (10mm HT. INTEGRAL)
- INSTALL IMPORTED FILL TO NEW BOULEVARD GRADE AND NEW SOD
- ADJUST EXISTING WATERMAIN VALVE BOX TO GRADE



PRELIMINARY  
NOT FOR CONSTRUCTION

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

| 150 mm W.M.  | WATERMAIN           | 150 mm W.M.  | HYDRO             | HYDRO            | PROFILE  | PROFILE  |
|--------------|---------------------|--------------|-------------------|------------------|----------|----------|
| ◇            | HYDRANT             | ◆            | M.T.S.            | ---              | ---      | ---      |
| ⊙            | VALVE               | ⊙            | CONCRETE          | ---              | ---      | ---      |
| 300mm L.D.S. | LAND DRAINAGE SEWER | 300mm L.D.S. | ASPHALT           | ---              | ---      | ---      |
| 250mm W.W.S. | WASTEWATER SEWER    | 250mm W.W.S. | PROPERTY LINE     | ---              | ---      | ---      |
| ○            | MANHOLE             | ●            | SURVEY BAR        | ---              | ---      | ---      |
| □            | CATCH BASIN         | ■            | ELEVATION         | ---              | ---      | ---      |
| ▽            | CATCH PIT           | ▼            | TREE              | ---              | ---      | ---      |
| ↑            | TRAFFIC SIGNAL POLE | ↑            | SIDEWALK RAMP     | ---              | ---      | ---      |
| ↑            | STREET LIGHT        | ↑            | CONCRETE SIDEWALK | ---              | ---      | ---      |
| ---          | GAS                 | ---          | FENCE             | ---              | ---      | ---      |
| EXISTING     | LEGEND - PLAN       | PROPOSED     | EXISTING          | LEGEND - PLAN    | PROPOSED | EXISTING |
| ---          | LEGEND - PROFILE    | ---          | ---               | LEGEND - PROFILE | ---      | ---      |

LOCATION APPROVED  
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES  
COMMITTEE

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. Zone 36, # 30 - E. Side, Notre Dame Ave. & Bangor Ave., Tbl. in W. Cor. Foundation of Apartment Block "A" of Milton Court, No. 1585 Notre Dame Ave., 6.5m S. & 0.1m below brick of N.W. Corn. of Bldg.

ELEVATION: 233.255

| NO. | REVISIONS         | DATE       | BY  |
|-----|-------------------|------------|-----|
| 0   | ISSUED FOR TENDER | 2025/04/22 | TLF |
| A   | ISSUED FOR REVIEW | 2025/04/09 | TLF |

AECOM

|             |       |                               |            |
|-------------|-------|-------------------------------|------------|
| DESIGNED BY | SDF   | CHECKED BY                    | SS         |
| DRAWN BY    | SDF   | APPROVED BY                   | TLF        |
| HOR. SCALE: | 1:250 | RELEASED FOR CONSTRUCTION BY: |            |
| VERTICAL:   | 1:10  | DATE                          | 02/12/2024 |

ENGINEER'S SEAL



CONSULTANT DRAWING NO.  
CT-08



THE CITY OF WINNIPEG  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION

2025 INDUSTRIAL STREET RENEWAL PROGRAM  
ORANGE STREET

ASPHALT PAVEMENT REHABILITATION  
STATION 0+215 TO BANGOR AVENUE  
PLAN/PROFILE

CITY DRAWING NUMBER

SHEET 08 OF 17