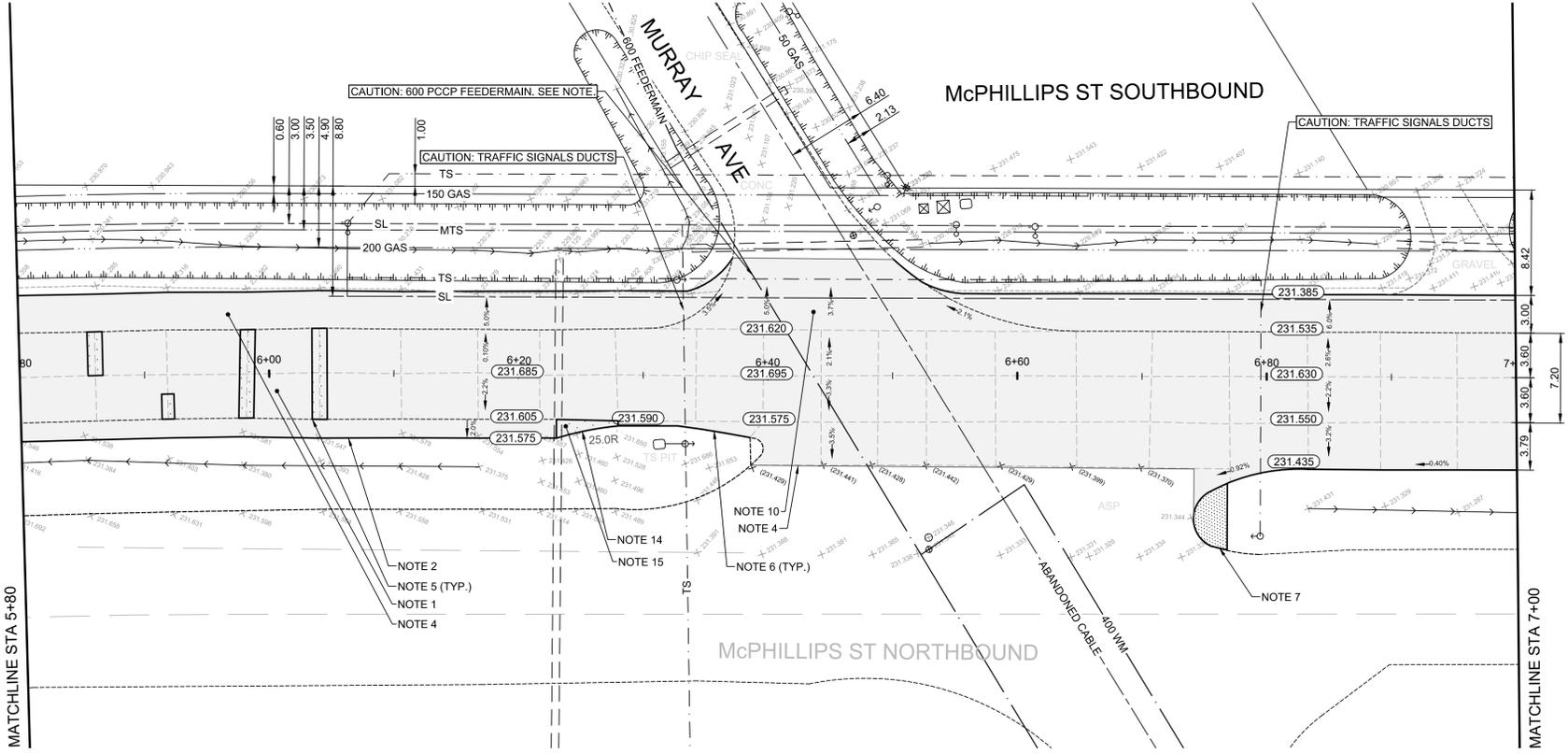


TYPICAL CROSS SECTION
N.T.S.



WATER AND WASTE DEPARTMENT
UGS REVIEW
CAUTION: AQUEDUCT AND/OR FEEDERMAIN
MILL & FILL

EXCAVATION OR CONCRETE PAVEMENT RENEWAL OVER THE EXISTING WATER AQUEDUCT OR FEEDERMAIN, THE WATER AND WASTE DEPARTMENT SHALL BE NOTIFIED FIVE WORKING DAYS PRIOR TO THE COMMENCEMENT OF THE RENEWALS AND PROVIDED WITH THE LOCATION, SIZE AND CROSS-SECTION OF THE PROPOSED RENEWALS SO THAT THE DEPARTMENT CAN PROVIDE APPROPRIATE COMMENTARY TO MITIGATE ANY RISKS TO THE WATER AQUEDUCT OR FEEDERMAIN FROM THE SLAB RENEWAL CONSTRUCTION ACTIVITIES.

SEE APPENDIX 'G' - ROADWORK IN CLOSE PROXIMITY TO A FEEDERMAIN

CONSTRUCTION NOTES

- MILL 1-50mm OF EXISTING ASPHALT AND OVERLAY WITH 55mm (TYP.) MS1 ASPHALT PAVEMENT AS PER CROSS SECTION (E15)
- CONSTRUCT NEW 1.5m ASPHALT SHOULDER AS PER CROSS SECTION (E15)
- CONSTRUCT NEW 3.0m ASPHALT SHOULDER AS PER CROSS SECTION (E15)
- MILL EXISTING ASPHALT AND TIE IN TO NEW ASPHALT HEADER
- REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW 200mm REINFORCED CONCRETE PAVEMENT (E20)
- RENEW EXISTING BARRIER CURB (SD-205)
- RENEW EXISTING MONOLITHIC CONCRETE BULL NOSE (SD-227C)
- RE-GRADE EXISTING DITCH
- CONSTRUCT NEW GROUTED STONE RIPRAP AS PER CW 3615
- REMOVE EXISTING ASPHALT AND CONSTRUCT ASPHALT OVERLAY
- RENEW EXISTING MONOLITHIC CURB AND SPLASH STRIP (SD-223A)
- CONSTRUCT NEW GROUTED STONE RIPRAP SPILL WAY AS PER CW 3615 (SEE DETAIL, E21)
- MILL 1-50mm OF EXISTING ASPHALT SHOULDER AND OVERLAY WITH 55mm (TYP.) MS1 ASPHALT PAVEMENT (E15)
- CONSTRUCT NEW INTEGRAL BARRIER CURB (SD-204.E12)
- CONSTRUCT NEW 200mm REINFORCED CONCRETE (E20)

GENERAL NOTES

- PAVEMENT DIMENSIONS ARE TO BACK OF CURB
- ALL CURB RADII UNDER 15.0m SHALL BE MODIFIED (SD-203B, SD-203C / E12)
- CURB REPLACEMENT AS DIRECTED BY CONTRACT ADMINISTRATOR
- CONTRACTOR TO CONFIRM THE LOCATION OF ALL UTILITIES/SERVICES IN THE FIELD PRIOR TO CONSTRUCTION
- ADJUST ALL EXISTING WATER VALVES AND CURB STOPS TO GRADE
- PAVEMENT REPAIRS SHOWN ARE A REPRESENTATIVE SAMPLE OF THE TENDER QUANTITIES
- RE-GRADE EXISTING GRANULAR APPROACH AS DIRECTED BY CONTRACT ADMINISTRATOR

ISSUED FOR TENDER
NOT TO BE USED FOR
CONSTRUCTION

METRIC
WHOLE NUMBERS INDICATE MILLIMETERS
DECIMALIZED NUMBERS INDICATE METERS

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
○	TREE/ TREE TRUNK	○	—	CULVERT	—	—	CONCRETE	—
⊕	HYDRANT	⊕	—	LDS/WWS	—	—	CONCRETE SIDEWALK	—
⊗	VALVE	⊗	—	WATERMAIN	—	—	ASPHALT	—
⊙	CURB STOP	⊙	—	GAS	—	—	PAVEMENT REPAIR FABRIC	—
⊚	MANHOLE	⊚	—	TRAFFIC SIGNALS	—	—	CL DITCH	—
⊛	CATCH BASIN	⊛	—	HYDRO/STREET LIGHT	—	—	TOP OF DITCH SLOPE	—
△	CATCH PIT/CURB INLET	△	—	MTS/SHAW	—	EXISTING	LEGEND - PLAN	PROPOSED
○	HYDRO POLE	○	—	BOC/EDGE OF PAVEMENT	—	—	WEST SHOULDER	—
○	LIGHT STANDARD	○	—	EDGE OF SHOULDER	—	—	WEST CL DITCH	—
⊕	TRAFFIC SIGNAL POLE	⊕	—	PROPERTY LINE	—	—	WEST GUTTER	—
⊕	SURVEY BAR	⊕	—	RAMP CURB	—	—	CENTER LINE	—
⊕	UTILITY BOX	⊕	—	ELEVATIONS	—	—	EAST GUTTER	—
⊕	EXISTING	⊕	—		—			

LOCATION APPROVED UNDERGROUND STRUCTURES

FD 1X1 IB @ NW CORN. MURRAY/MCPHILLIPS
ELEV. 231.220

ENGINEERING DIVISION
TECHNOLOGY SERVICES BRANCH
106 - 1155 PACIFIC AVE

DESIGNED BY: D.PEN
CHECKED BY: T.G. G.K.R.W. R.D.

DRAWN BY: D.PEN
APPROVED BY: R.D.

HOR. SCALE: 1 : 250
VERTICAL: 1 : 10

DATE: 2026/02/19

2. ISSUED FOR TENDER 26/02/2026 D.PEN
1. SUBMIT FOR PLAN APPROVAL 20/01/2026 D.PEN

NO. REVISIONS DATE BY

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.

ENGINEER'S SEAL

PROVINCE OF MANITOBA
R. DEWITT
Member 24672
REGISTERED PROFESSIONAL ENGINEER
2025-02-20

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

MCPHILLIPS STREET - SOUTHBOUND
FROM NORTH POINT BOULEVARD TO EMES ROAD
ASPHALT MILL & FILL AND ASSOCIATED WORK
FROM STA. 5+80 TO STA. 7+00

CITY DRAWING NUMBER SE-26-609
SHEET 10 OF 25
TENDER NO. 17-2026