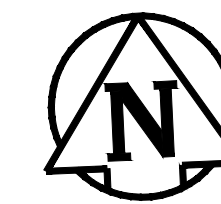
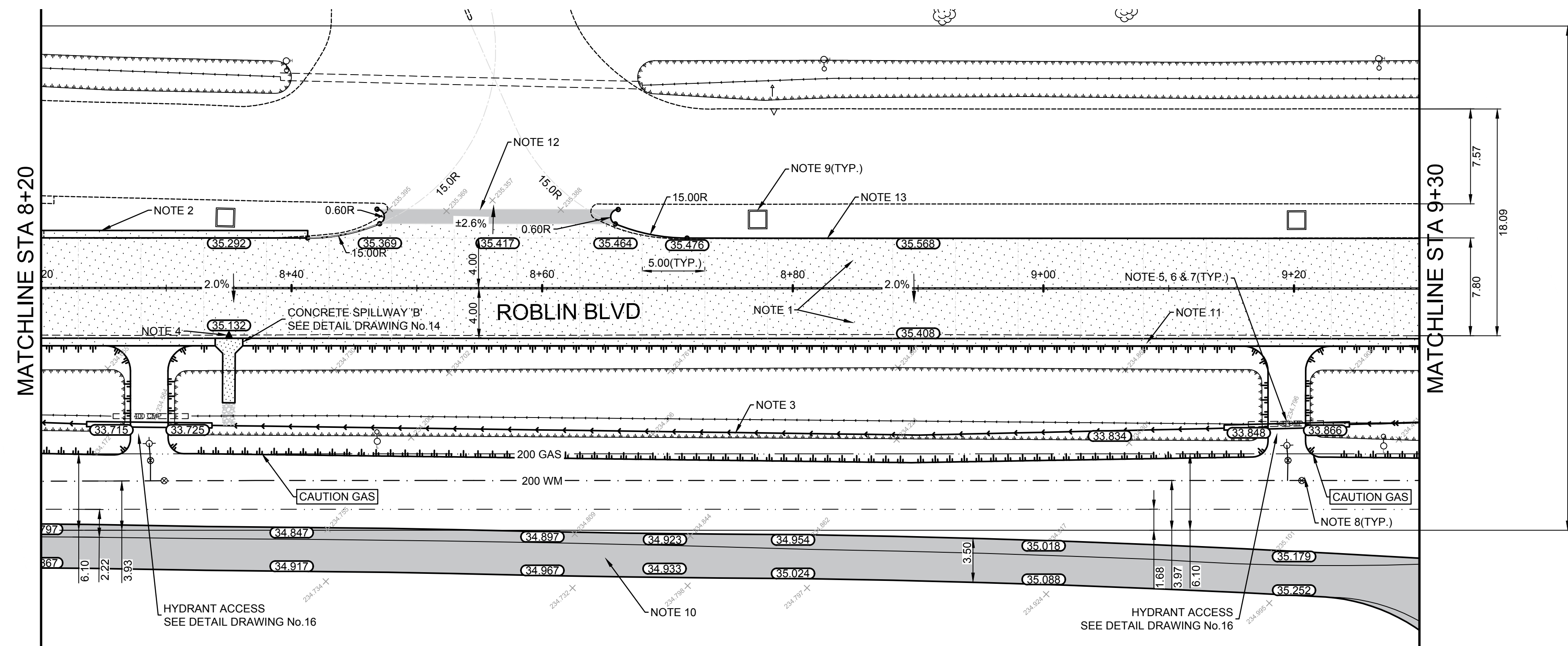


**ROBLIN BOULEVARD EASTBOUND**



**CONSTRUCTION NOTES**

1. REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW 250mm CONCRETE PAVEMENT (PLAIN DOWELLED) WITH 180mm INTEGRAL BARRIER CURB
2. CONSTRUCT MONOLITHIC CONCRETE SPLASH STRIP (SD-223A)
3. RE-GRADE EXISTING DITCH
4. INSTALL CURB INLET FRAME
5. REMOVE EXISTING CULVERT
6. INSTALL NEW 10m 450Ø CULVERT
7. REPLACE HYDRANT ACCESS WITH SUITABLE SITE MATERIAL, CAP WITH TOP SOIL & SEED
8. ADJUST EXISTING WATER VALVE TO GRADE
9. REMOVE PLANTERS (BY OTHERS)
10. MILL/RECLAIM EXISTING ASPHALT PATH AND CONSTRUCT NEW 100mm ASPHALT PATH
11. CONSTRUCT SEPARATE CONCRETE SPLASH STRIP (SD-223B) SEE DETAIL DWG 17
12. MILL EXISTING ASPHALT AND REPLACE WITH NEW TYPE 1A ASPHALT
13. CONSTRUCT NEW BARRIER CURB (180mm HT. REVEAL)

**GENERAL NOTES**

- A. PAVEMENT DIMENSIONS ARE TO BACK OF CURB
- B. ALL CURB RADII UNDER 15.0m SHALL BE MODIFIED
- C. ADD 200.000m TO ALL DESIGN ELEVATION TO OBTAIN GEODETIC ELEVATIONS
- D. CURB REPLACEMENT AS DIRECTED BY CONTRACT ADMINISTRATOR
- E. CONTRACTOR TO CONFIRM THE LOCATION OF ALL UTILITIES/SERVICES IN THE FIELD PRIOR TO CONSTRUCTION
- F. ADJUST ALL EXISTING WATER VALVES AND CURB STOPS TO GRADE

**PRELIMINARY**  
NOT TO BE USED FOR CONSTRUCTION

**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETERS  
DECIMALIZED NUMBERS INDICATE METERS

**BID OPPORTUNITY NO. 2-2018**

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">⊕</td><td>HYDRANT</td><td style="text-align: center;">◆</td><td>---</td><td>LDS/WWS</td><td style="text-align: center;">---</td><td style="text-align: center;">[Pattern]</td><td>CONCRETE</td><td style="text-align: center;">[Pattern]</td><td>LOCATION APPROVED</td></tr> <tr> <td style="text-align: center;">⊗</td><td>VALVE</td><td style="text-align: center;">●</td><td>---</td><td>WATERMAIN</td><td style="text-align: center;">---</td><td style="text-align: center;">[Pattern]</td><td>CONCRETE SIDEWALK</td><td style="text-align: center;">[Pattern]</td><td>UNDERGROUND STRUCTURES</td></tr> <tr> <td style="text-align: center;">⊙</td><td>CURB STOP</td><td style="text-align: center;">●</td><td>---</td><td>GAS</td><td style="text-align: center;">---</td><td style="text-align: center;">[Pattern]</td><td>ASPHALT</td><td style="text-align: center;">[Pattern]</td><td></td></tr> <tr> <td style="text-align: center;">○</td><td>MANHOLE</td><td style="text-align: center;">●</td><td>---</td><td>TRAFFIC SIGNALS</td><td style="text-align: center;">---</td><td style="text-align: center;">[Pattern]</td><td>DITCH FLOW</td><td style="text-align: center;">[Pattern]</td><td></td></tr> <tr> <td style="text-align: center;">□</td><td>CATCH BASIN</td><td style="text-align: center;">●</td><td>---</td><td>HYDRO/STREET LIGHT</td><td style="text-align: center;">---</td><td style="text-align: center;">[Pattern]</td><td>DITCH - TOP OF SLOPE</td><td style="text-align: center;">[Pattern]</td><td></td></tr> <tr> <td style="text-align: center;">△</td><td>CURB INLET</td><td style="text-align: center;">●</td><td>---</td><td>MTS</td><td style="text-align: center;">---</td><td style="text-align: center;">[Pattern]</td><td>CULVERT</td><td style="text-align: center;">[Pattern]</td><td></td></tr> <tr> <td style="text-align: center;">○</td><td>HYDRO POLE</td><td style="text-align: center;">●</td><td>---</td><td>CURB RENEWAL</td><td style="text-align: center;">---</td><td style="text-align: center;">[Pattern]</td><td>LDS FLOW DIRECTION</td><td style="text-align: center;">[Pattern]</td><td></td></tr> <tr> <td style="text-align: center;">○</td><td>LIGHT STANDARD</td><td style="text-align: center;">●</td><td>---</td><td>PROPERTY LINE</td><td style="text-align: center;">---</td><td style="text-align: center;">[Pattern]</td><td>EDGE OF PAVEMENT</td><td style="text-align: center;">[Pattern]</td><td></td></tr> <tr> <td style="text-align: center;">○</td><td>TRAFFIC SIGNAL POLE</td><td style="text-align: center;">●</td><td>---</td><td>RAMP CURB</td><td style="text-align: center;">---</td><td style="text-align: center;">[Pattern]</td><td>LEGEND - PLAN</td><td style="text-align: center;">[Pattern]</td><td></td></tr> <tr> <td style="text-align: center;">+</td><td>SURVEY BAR</td><td style="text-align: center;">●</td><td>---</td><td>ELEVATIONS</td><td style="text-align: center;">(31.000)</td><td style="text-align: center;">[Pattern]</td><td>EXISTING</td><td style="text-align: center;">[Pattern]</td><td></td></tr> <tr> <td style="text-align: center;">⊕</td><td>GEODETIC BENCH MARK</td><td style="text-align: center;">●</td><td>---</td><td>TREELINE</td><td style="text-align: center;">---</td><td style="text-align: center;">[Pattern]</td><td>PROPOSED</td><td style="text-align: center;">[Pattern]</td><td></td></tr> <tr> <td style="text-align: center;">---</td><td>EXISTING</td><td style="text-align: center;">---</td><td>---</td><td>LEGEND - PLAN</td><td style="text-align: center;">---</td><td style="text-align: center;">---</td><td>---</td><td style="text-align: center;">---</td><td></td></tr> <tr> <td style="text-align: center;">---</td><td>---</td><td style="text-align: center;">---</td><td>---</td><td>PROPOSED</td><td style="text-align: center;">---</td><td style="text-align: center;">---</td><td>---</td><td style="text-align: center;">---</td><td></td></tr> </table>	⊕	HYDRANT	◆	---	LDS/WWS	---	[Pattern]	CONCRETE	[Pattern]	LOCATION APPROVED	⊗	VALVE	●	---	WATERMAIN	---	[Pattern]	CONCRETE SIDEWALK	[Pattern]	UNDERGROUND STRUCTURES	⊙	CURB STOP	●	---	GAS	---	[Pattern]	ASPHALT	[Pattern]		○	MANHOLE	●	---	TRAFFIC SIGNALS	---	[Pattern]	DITCH FLOW	[Pattern]		□	CATCH BASIN	●	---	HYDRO/STREET LIGHT	---	[Pattern]	DITCH - TOP OF SLOPE	[Pattern]		△	CURB INLET	●	---	MTS	---	[Pattern]	CULVERT	[Pattern]		○	HYDRO POLE	●	---	CURB RENEWAL	---	[Pattern]	LDS FLOW DIRECTION	[Pattern]		○	LIGHT STANDARD	●	---	PROPERTY LINE	---	[Pattern]	EDGE OF PAVEMENT	[Pattern]		○	TRAFFIC SIGNAL POLE	●	---	RAMP CURB	---	[Pattern]	LEGEND - PLAN	[Pattern]		+	SURVEY BAR	●	---	ELEVATIONS	(31.000)	[Pattern]	EXISTING	[Pattern]		⊕	GEODETIC BENCH MARK	●	---	TREELINE	---	[Pattern]	PROPOSED	[Pattern]		---	EXISTING	---	---	LEGEND - PLAN	---	---	---	---		---	---	---	---	PROPOSED	---	---	---	---		<p>2. ISSUED FOR TENDER 08/03/2018 R.W.</p> <p>1. SUBMIT FOR PLAN APPROVAL 13/02/2018 R.W.</p> <p>NO. REVISIONS DATE BY</p>	<p>ENGINEERING DIVISION TECHNOLOGY SERVICES BRANCH 106 - 1155 PACIFIC AVE</p> <p>DESIGNED BY R.W. CHECKED BY A.M.C.</p> <p>DRAWN BY M.S. APPROVED BY</p> <p>HOR. SCALE: 1 : 250 VERTICAL: 1 : 10</p> <p>DATE 13/02/2018</p>	<p>ENGINEER'S SEAL</p> <p style="text-align: center;">PROVINCE OF MANITOBA FIRST LAST Member # REGISTERED ENGINEER</p>	<p style="text-align: center;"><b>THE CITY OF WINNIPEG</b> PUBLIC WORKS DEPARTMENT</p> <p style="text-align: center;"><b>ROBLIN BOULEVARD EASTBOUND</b> FROM ASSINBOINE PARK DRIVE TO SHAFTESBURY BOULEVARD CONCRETE RECONSTRUCTION AND ASSOCIATED WORKS</p> <p style="text-align: center;"><b>ROBLIN BOULEVARD MULTI-USE PATHWAY</b> FROM CHALFONT ROAD TO SHAFTESBURY BOULEVARD REHABILITATION AND ASSOCIATED WORKS FROM STA. 8+20 TO STA. 9+30</p>	<p>CITY DRAWING NUMBER P -3490 - 07</p> <p>SHEET 7 OF 30</p> <p style="text-align: center; font-size: 24px;">7</p>
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