

**REFERENCE NOTES**

- A. PAVEMENT DIMENSIONS ARE TO BACK OF CURB
- B. BASELINE IS CENTRE LINE RIGHT-OF-WAY
- C. PROPERTY LINES OBTAINED FROM CITY OF WINNIPEG L.B.I.S., AND NO SCALE FACTOR WAS APPLIED
- D. REFER TO AECOM FIELD BOOK NO. 4921

**CONSTRUCTION NOTES**

1. PLANE EXISTING ASPHALTIC PAVEMENT AND PLACE NEW ASPHALTIC PAVEMENT TYPE 1A (AVG THICKNESS 65mm)
2. REMOVE EXISTING CURB AND GUTTER AND CONSTRUCT NEW BARRIER CURB AND GUTTER (450mm WIDE w/ 150mm HT.)
3. REMOVE EXISTING CURB AND GUTTER AND CONSTRUCT NEW MODIFIED BARRIER CURB AND GUTTER (450mm WIDE w/ 150mm HT.)
4. REMOVE EXISTING CATCHPIT AND ABANDON LEAD
5. REMOVE EXISTING CATCHBASIN AND ABANDON LEAD
6. INSTALL NEW CURB AND GUTTER INLET c/w CATCHBASIN (SD-024) AND CONNECT NEW LEAD TO EXISTING MANHOLE
7. INSTALL NEW CATCHPIT c/w STANDARD FRAME AND GRATED COVER (SD-024) AND CONNECT NEW LEAD TO NEW CATCHBASIN
8. INSTALL NEW CURB AND GUTTER INLET c/w CATCHPIT (SD-023) AND CONNECT NEW LEAD TO EXISTING CATCHBASIN
9. RENEW EXISTING 100mm CONCRETE SIDEWALK
10. ADJUST EXISTING WATER VALVE TO GRADE
11. ADJUST EXISTING MANHOLE/CATCHBASIN TO GRADE
12. REMOVE EXISTING FRAME AND COVER AND INSTALL NEW FRAME AND SOLID COVER



**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	C PROFILE
Hydrant	HYDRANT	Hydro M.T.S.	M.T.S.	WEST/OUTSIDE GUTTER
Valve	VALVE	Concrete	CONCRETE	EAST/INSIDE GUTTER
300mm L.D.S.	LAND DRAINAGE SEWER	Asphalt	ASPHALT	N/W PROPERTY LINE
250mm W.W.S.	WASTEWATER SEWER	Property Line	PROPERTY LINE	S/E PROPERTY LINE
Manhole	MANHOLE	Survey Bar	SURVEY BAR	
Catch Basin	CATCH BASIN	Elevation	ELEVATION	
Catch Pit	CATCH PIT	Tree	TREE	
Junctions	JUNCTIONS	Sidewalk Ramp	SIDEWALK RAMP	
Culvert	CULVERT	Concrete Sidewalk	CONCRETE SIDEWALK	
Gas	GAS	Fence	FENCE	
Existing	LEGEND - PLAN	Proposed	LEGEND - PLAN	Proposed
Existing	LEGEND - PROFILE	Proposed	LEGEND - PROFILE	Proposed

**LOCATION APPROVED UNDERGROUND STRUCTURES**

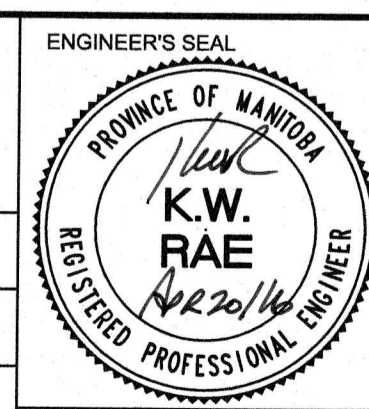
SUPPLY UNDERGROUND STRUCTURES COMMITTEE DATE

**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. 76 - 039	848643 NE corner Markham Rd & Forest Lake Rd.
ELEV. 232.450	Tbt on pipe. 4.7m S of N Limit of Markham Rd, & 1.5m W of E Limit of Forest Lake Rd.
0	ISSUED FOR TENDER 04/20/2016 BC
A	ISSUED FOR REVIEW 04/15/16 BC
NO.	REVISIONS DATE BY



DESIGNED BY	SS	CHECKED BY	BC/KWR
DRAWN BY	JC/SS	APPROVED BY	
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION BY:	
VERTICAL:	1:10	DATE	April 2016



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION

2016 LOCAL STREET RENEWAL PROGRAM	CITY DRAWING NUMBER
MARKHAM ROAD - CHANCELLOR DR. SOUTH TO FOREST LAKE DR.	SHEET 12 OF 22
REHABILITATION / ASPHALT RECONSTRUCTION STATION 0+150 TO STATION 0+250	