

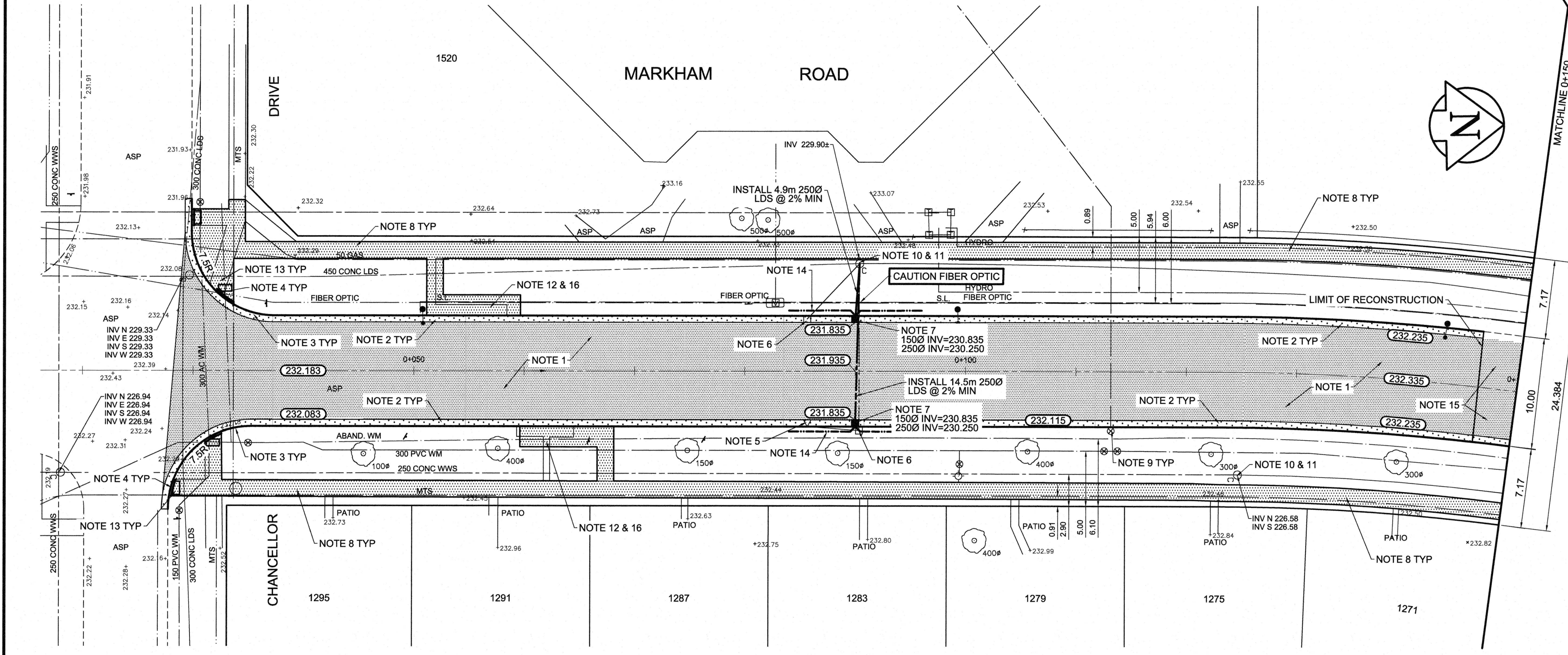
TYPICAL ASPHALT RECONSTRUCTION CROSS SECTION

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. REMOVE EXISTING ASPHALTIC PAVEMENT AND PLACE NEW ASPHALTIC PAVEMENT AS PER SECTION (TOTAL THICKNESS 125mm)
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. CONSTRUCT NEW RAMP CURB AND GUTTER (450mm WIDE w/ 10mm HT. INTEGRAL)
5. REMOVE EXISTING CATCHPIT AND ABANDON LEAD
6. REMOVE EXISTING CATCHBASIN AND ABANDON LEAD
7. INSTALL NEW CURB AND GUTTER INLET c/w CATCHBASIN (SD-024) AND CONNECT NEW LEAD TO EXISTING MANHOLE
8. RENEW EXISTING 100mm CONCRETE SIDEWALK
9. ADJUST EXISTING WATER VALVE TO GRADE
10. ADJUST EXISTING MANHOLE/CATCHBASIN TO GRADE
11. REMOVE EXISTING FRAME AND COVER AND INSTALL NEW FRAME AND SOLID COVER
12. REMOVE EXISTING CONCRETE BLOCKS AND INSTALL NEW 100mm CONCRETE SIDEWALK
13. INSTALL DETECTABLE WARNING SURFACE TILE
14. INSTALL 150mm SUBDRAIN
15. PLANE EXISTING ASPHALTIC PAVEMENT AND PLACE NEW ASPHALTIC PAVEMENT TYPE 1A (AVG THICKNESS 65mm)
16. CONSTRUCT NEW 100mm CONCRETE SIDEWALK



150 mm W.M.	150 mm W.M.	EXISTING	PROPOSED	EXISTING	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
WATERMAIN	HYDRANT	VALVE	LAND DRAINAGE SEWER	WASTEWATER SEWER	MANHOLE	CATCH BASIN	CATCH PIT	JUNCTIONS
CULVERT	GAS	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING
HYDRO	M.T.S.	CONCRETE	ASPHALT	PROPERTY LINE	SURVEY BAR	ELEVATION	(35.750)	TREE
SIDEWALK RAMP	CONCRETE SIDEWALK	FENCE	WEST/OUTSIDE GUTTER	EAST/INSIDE GUTTER	N/W PROPERTY LINE	S/E PROPERTY LINE		

LOCATION APPROVED UNDERGROUND STRUCTURES

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	84R643	NE corner Markham Rd & Forest Lake Rd
ELEV. 232.450		Tilt on pipe. 4.7m S of N Limit of Markham Rd. & 1.5m W of E Limit of Forest Lake Rd.

AECOM

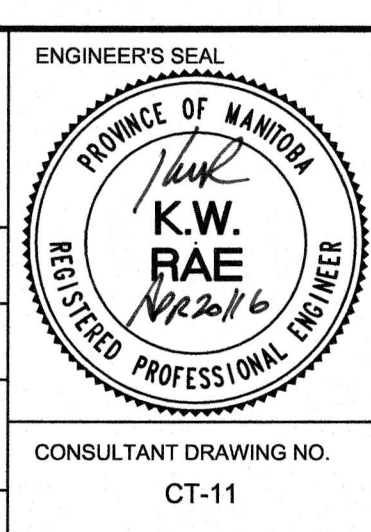
DESIGNED BY: SS
CHECKED BY: BC/KWR

DRAWN BY: JC/SS
APPROVED BY:

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

ISSUED FOR TENDER: 04/20/2016 BC
ISSUED FOR REVIEW: 04/15/16 BC

DATE: _____ BY: _____



THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2016 LOCAL STREET RENEWAL PROGRAM

MARKHAM ROAD - CHANCELLOR DR. SOUTH TO FOREST LAKE DR.
REHABILITATION / ASPHALT RECONSTRUCTION
CHANCELLOR DRIVE SOUTH TO STATION 0+150

CITY DRAWING NUMBER: SHEET 11 OF 22

AECOM
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: Apr 20/16

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES