



PLACE AND COMPACT SUITABLE MATERIAL c/w NEW TOP SOIL AND SOD

50 ASPHALT (TYPE 1A)
 200 REINFORCED CONCRETE PAVEMENT
 75 BASE COURSE MATERIAL
 375 CRUSHED SUB BASE MATERIAL (MAX. SIZE 50mm)
 SEPERATION GEOTEXTILE FABRIC
 GEOGRID
 PREPARED SUBGRADE

TYPICAL CROSS SECTION

BASELINE UTM COORDINATES			
POINT I.D.	DESCRIPTION	NORTHING	EASTING
C31	ET/BC: 1+265.415	5529263.238	624891.929
C32	BC/BT: 1+297.863	5529267.280	624924.123
C33	EC/ET: 1+252.865	5529266.635	624878.854
C34	EC/BC: 1+265.803	5529264.667	624892.141
C35	0.75m BULLNOSE RAD	5529263.981	624891.839
C36	EC/BT: 1+297.863	5529269.265	624923.874
C37	1.0m BULLNOSE RAD	5529268.273	624923.999
C38	ET/BC: 1+325.880	5529272.755	624951.673
C39	EC/BT: 1+339.811	5529275.180	624965.409
C40	ET/BC: 1+355.915	5529278.744	624981.195
C41	EC/BT: 1+369.845	5529281.209	624994.922
C42	ET/ER: 1+255.870	5529257.087	624883.080
C43	ER/BT: 1+308.955	5529263.678	624935.568

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. 4994

CONSTRUCTION NOTES

1. REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 200mm REINFORCED CONCRETE PAVEMENT c/w NEW ASPHALTIC OVERLAYS
2. PLACE NEW ASPHALTIC PAVEMENT TYPE III (75mm) TYPE 1A (50mm)
3. INSTALL NEW CURB AND GUTTER INLET c/w CATCHPIT (SD-023) AND CONNECT TO EXISTING CATCHBASIN
4. RENEW EXISTING CONCRETE BARRIER CURB (150mm REVEAL HT. DOWELLED)
5. CONSTRUCT NEW CONCRETE MODIFIED CURB (150mm REVEAL HT. INTEGRAL)
6. INSTALL NEW CURB AND GUTTER INLET c/w CATCHBASIN (SD-024) AND CONNECT TO EXISTING LEAD
7. ADJUST EXISTING MANHOLE/CATCHBASIN TO GRADE
8. INSTALL NEW CAST IRON RISER RING
9. REMOVE EXISTING CATCHPIT AND ABANDON LEAD
10. REMOVE EXISTING CONCRETE PAVEMENT
11. CONSTRUCT NEW 200mm REINFORCED CONCRETE PAVEMENT
12. CONSTRUCT NEW CONCRETE MODIFIED BARRIER CURB (150mm REVEAL HT. INTEGRAL)
13. REMOVE EXISTING FRAME AND COVER AND INSTALL NEW FRAME AND SOLID COVER (AP-006 & AP-007)
14. ADJUST EXISTING WATER VALVE TO GRADE
15. CONSTRUCT NEW MONOLITHIC CONCRETE SPLASH STRIP (150mm REVEAL HT. DOWELLED)
16. CONSTRUCT NEW MONOLITHIC CONCRETE BULLNOSE
17. CONSTRUCT NEW MONOLITHIC CONCRETE MEDIAN SLAB

AECOM
 Certificate of Authorization
 AECOM Canada Ltd.
 No. 4671 Date: _____

METRIC
 WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	HYDRO	HYDRO	— x —	Q PROFILE	— x —
300 mm L.D.S.	LAND DRAINAGE SEWER	300 mm L.D.S.	M.T.S.	M.T.S.	M.T.S.	— x —	NORTH GUTTER	— x —
250 mm W.W.S.	WASTEWATER SEWER	250 mm W.W.S.	CONCRETE	CONCRETE	CONCRETE	— x —	SOUTH GUTTER	— x —
300 mm L.D.S.	MANHOLE	300 mm L.D.S.	ASPHALT	ASPHALT	ASPHALT	— x —	N/W PROPERTY LINE	— x —
250 mm W.W.S.	CATCH BASIN	250 mm W.W.S.	PROPERTY LINE	PROPERTY LINE	PROPERTY LINE	— x —	S/E PROPERTY LINE	— x —
250 mm W.W.S.	CATCH PIT	250 mm W.W.S.	SURVEY BAR	SURVEY BAR	SURVEY BAR	— x —		
	JUNCTIONS		ELEVATION	ELEVATION	ELEVATION	— x —		
	CULVERT		TREE	TREE	TREE	— x —		
	GAS		SIDEWALK RAMP	SIDEWALK RAMP	SIDEWALK RAMP	— x —		
			CONCRETE SIDEWALK	CONCRETE SIDEWALK	CONCRETE SIDEWALK	— x —		
			FENCE	FENCE	FENCE	— x —		

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPV. U/G 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.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	03/05/2018	BC
A	ISSUED FOR REVIEW	02/02/2018	BC

AECOM

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

ENGINEER'S SEAL

PROVINCE OF MANITOBA

K.W. RAE
 REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO. CT-34

THE CITY OF WINNIPEG
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION

2018/2019 INDUSTRIAL STREET RENEWAL PROGRAM

SASKATCHEWAN AVENUE - STURGEON RD TO MORAY ST
 PAVEMENT REHABILITATION
 STATION 1+250 TO STATION 1+380

CITY DRAWING NUMBER: _____
 SHEET 34 OF 47