

A1 SIZE 23.4" x 33.1" (594mm x 841mm)

PEMBINA HIGHWAY RAMP CONTROL LINE CIRCULAR CURVE DATA	
CURVE No.	505
R	77.498
Δ	39° 28' 54"
T	27.811
E	4.839
L	53.403

JUBILEE AVENUE RAMP CONTROL LINE CIRCULAR CURVE DATA		
CURVE No.	604	605
R	88.000	26.000
Δ	43° 12' 01"	43° 38' 47"
T	34.841	10.411
E	6.646	2.007
L	66.351	20.714

PEMBINA HIGHWAY RAMP CONTROL LINE			
POINT I.D.	DESC. / STATION	NORTHING	EASTING
21	PT 5+89.286	9844.166	9654.012
22	PT 6+24.653	9814.834	9673.771

JUBILEE AVENUE RAMP CONTROL LINE			
POINT I.D.	DESC. / STATION	NORTHING	EASTING
23	PT 5+30.725	9856.233	9657.847
24	PC 5+55.513	9837.221	9673.754
25	PT 5+76.227	9817.942	9679.683

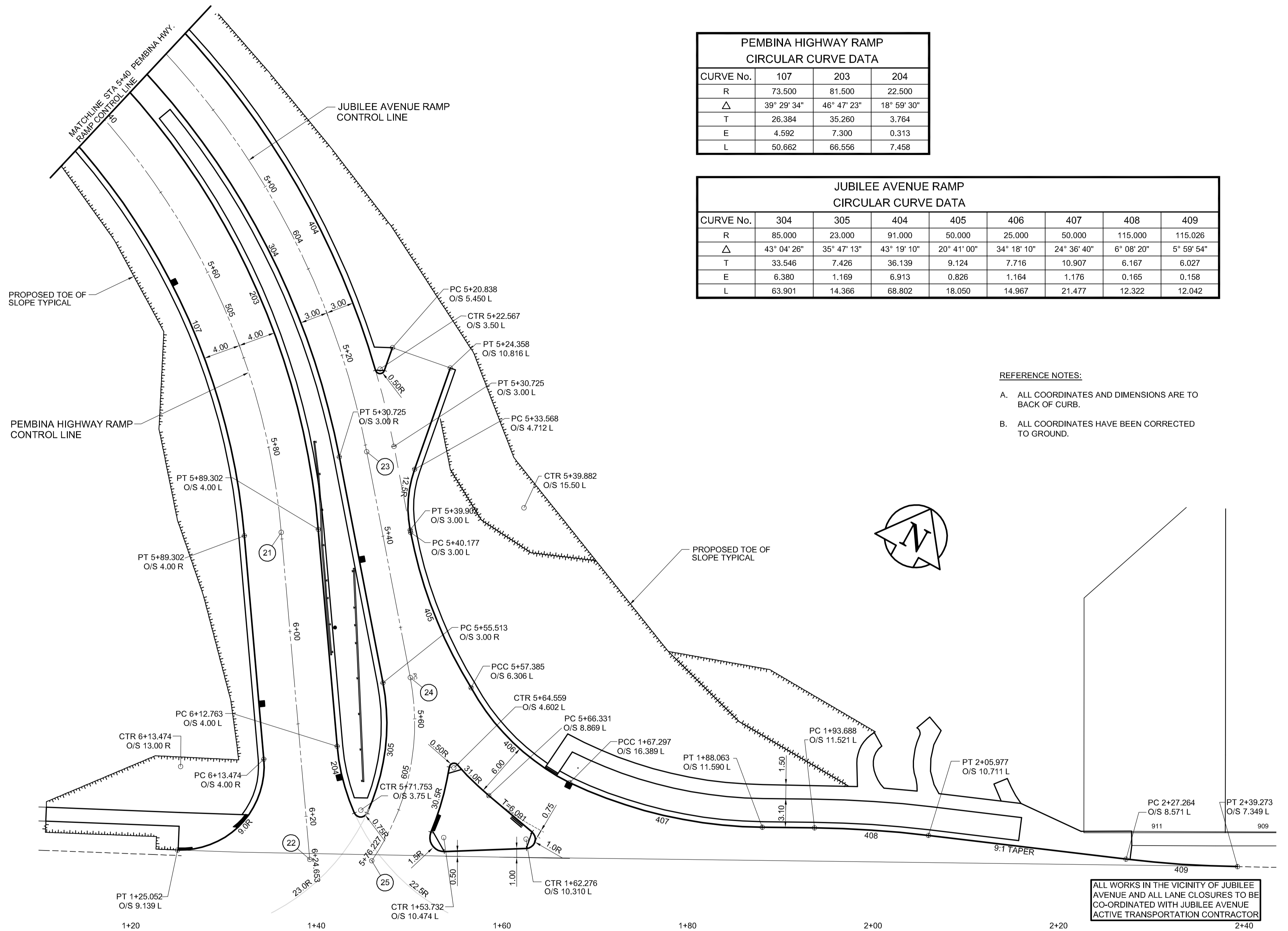
GEODETIC MONUMENT CONTROL	
LOCAL COORDINATES FOR THE CITY OF WINNIPEG GEODETIC BENCH MARK 53-003 0.60m>NNL JUBILEE AVENUE & 2.6m EWL LILAC STREET ELEV.=232.002 NORTHING = 10000.000 EASTING = 10000.000	
UTM COORDINATES FOR THE CITY OF WINNIPEG GEODETIC BENCH MARK 53-003 UTM Z 14 Nad83csrs N 5524127.485 E 633315.582 C.S.F. 1.0002137718	

PEMBINA HIGHWAY RAMP CIRCULAR CURVE DATA			
CURVE No.	107	203	204
R	73.500	81.500	22.500
Δ	39° 29' 34"	46° 47' 23"	18° 59' 30"
T	26.384	35.260	3.764
E	4.592	7.300	0.313
L	50.662	66.556	7.458

JUBILEE AVENUE RAMP CIRCULAR CURVE DATA								
CURVE No.	304	305	404	405	406	407	408	409
R	85.000	23.000	91.000	50.000	25.000	50.000	115.000	115.026
Δ	43° 04' 26"	35° 47' 13"	43° 19' 10"	20° 41' 00"	34° 18' 10"	24° 36' 40"	6° 08' 20"	5° 59' 54"
T	33.546	7.426	36.139	9.124	7.716	10.907	6.167	6.027
E	6.380	1.169	6.913	0.826	1.164	1.176	0.165	0.158
L	63.901	14.366	68.802	18.050	14.967	21.477	12.322	12.042

REFERENCE NOTES:

- A. ALL COORDINATES AND DIMENSIONS ARE TO BACK OF CURB.
- B. ALL COORDINATES HAVE BEEN CORRECTED TO GROUND.



ALL WORKS IN THE VICINITY OF JUBILEE AVENUE AND ALL LANE CLOSURES TO BE CO-ORDINATED WITH JUBILEE AVENUE ACTIVE TRANSPORTATION CONTRACTOR

REFER TO DRAWINGS 50 & 51 FOR THE LAYOUT OF JUBILEE AVENUE CONTROL LINE

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



BID OPPORTUNITY NO. 133-2010

---	GAS	---	○	MANHOLE	●	CONCRETE PAVEMENT	▨
---	MTS	---	□	CATCH BASIN / CATCH PIT	■	ASPHALT PAVEMENT	▨
---	HYDRO	---	△	CURB INLET WITH BOX	▼	CONC. SIDEWALK/MEDIAN	▨
---	CATV/FO	---	⊙	TREE	⊙	PAVING STONE	▨
---	TRAFFIC SIGNALS/PIT	---	⊕	TEST HOLE	⊕	GRAVEL	▨
---	LAND DRAINAGE SEWER	---	⊕	PROPERTY LINE	---	RAMP CURB	▨
---	SANITARY/COMBINED SEWER	---	⊕	SURVEY BAR	---	PLANING/REMOVAL	▨
---	SSP/DCP	---	⊕	FENCE	---		
---	WATERMAIN	---	---	BOC/EOPAVT	---		
---	SUBDRAIN	---	33.000	ELEVATION	232.750		
---	DITCH	---	---	TRAFFIC SIGN	---		
---	EXISTING	---	---	LEGEND - PLAN	---	LEGEND - PLAN	---
---	NEW	---	---	LEGEND - PLAN	---	NEW	---

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.

BM	00-000		
ELEV	200.000m		
DESIGNED BY	KWR	CHECKED BY	WRJ
DRAWN BY	BC	APPROVED BY	
0	ISSUED FOR CONSTRUCTION	10/03/24	BC
B	ISSUED FOR 100% REVIEW	10/03/08	BC
A	ISSUED FOR 30% REVIEW	10/01/28	BC
NO.	REVISIONS	YY/MM/DD	BY

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AECOM

DESIGNED BY: KWR
CHECKED BY: WRJ
DRAWN BY: BC
APPROVED BY: [Signature]
HOR. SCALE: 1:250
VERT. SCALE: N/A
DATE: [Blank]



THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

JUBILEE AVENUE OVERPASS ASSOCIATED ROADWORKS
HORIZONTAL ROADWAY GEOMETRY
SHEET 3 OF 3

CITY DRAWING NUMBER: B124-10-35
SHEET 35 OF 51
DRAWING No. 35
REV 0

CONSULTANT DRAWING NO. CT-35.dwg