

SURVEYING AND MAPPING DIVISION  
 Alberta Survey Control Marker (ASCM) Information  
 MASCOT DSS-1

Horz Datum NAD83 Updated: 94-05-24  
 Latitude 53 31 58.46602 dms  
 Longitude 113 27 26.55024 dms  
 Horz Class INTEGRATED , ORDER 2

Marker Installed 69-03

ASCM 18

Tablet Markings 931+40.16

Vert Datum CVD28 Updated: 83-05-25  
 Elevation 662.589 m  
 Vert Class INTEGRATED , SPIRIT LEVELS

Date Printed 98-01-15  
 Last Updated 96-07-15

Mapsheet Name EDMONTON E  
 Mapsheet Number 5931 + 036

For current information call Geodetic Survey  
 (403) 427-7374 FAX: (403) 422-0973

Marker Condition GOOD 95-01-09

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 96-07-15

Scale Factor 0.999900 At Ref Mer 114

Northing 5933471.913 m  
 Easting 35976.434 m  
 Convergence 0 26 10.98 dms  
 Station Ellipsoid Factor 0.999899  
 Station Combined Factor 0.999815  
 Station Combined Factor 0.999815

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
276444 931+40.17	127.185	1	79/2	0.999815	187 46 12.28	3.3	-0.01
248815 931+40.15	232.078	1	34/1	0.999816	25 23 08.89	2.7	0.02
263095 931+36.158	243.984	1	53/2	0.999817	299 24 16.59	4.4	0.01
53686 931+36.157	276.545	1	43/2	0.999813	240 14 28.55	3.6	-0.01
53686 931+36.157	276.545	1	43/2	0.999813	240 14 28.55	3.6	-0.01
57919 931+40.18	310.109	1	64/2	0.999814	114 31 36.26	4.3	-0.01
285825 931+36.159	369.869	1	38/2	0.999817	344 26 02.18	3.1	0.03

GEOID DATA (GSD95) Updated: 96-01-06

Component Magnitude Std Dev  
 Meridian Defl, XI(+N) 0.7 s 2 s  
 Prime Vert Defl, ETA(+E) 3.3 s 2 s  
 Geoid-Ellip Separation -20.19 m 1 m

MARKER TYPE

Updated: 88-06-13

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
 4CM BGL, LANDSCAPED

COORDINATE HISTORY

Originating Project 69011 69011  
 Published 83-05-25 83-05-25  
 Revising Project NAD83  
 Published 94-05-24  
 Revising Project  
 Published  
 Revising Project  
 Published  
 Revising Project  
 Published

MARKER LOCATION

Updated: 93-01-12

INTERSECTION 85 ST. - N. OF 95 AVE.;  
 3.5' E. OF THE E. CURB OF 85 ST. LOOKING S.;  
 4.2' N. OF THE S. WALL OF 9535 - 85 ST.;  
 27.8' S. OF THE N. WALL OF 9535 - 85 ST.;  
 19.3M WEST OF WEST WALL OF 9535 - 85 ST. IN GRASSED BUFFER STRIP.

NON-COORDINATE REVISIONS

70-01-19 FIRST MARKER LOCATION  
 DESCRIPTION ENTERED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION.	91-04-15	91-08-23
MARKER REPORTED IN GOOD CONDITION	92-04-23	93-01-12
MARKER REPORTED IN GOOD CONDITION	93-03-08	93-03-23
MARKER REPORTED IN GOOD CONDITION - CAP EFFACED	95-01-09	95-06-13

COORDINATE HISTORY COMMENTS

HISTORICAL/OTHER MARKER NAMES

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

OLD ASC # 59313 40 16

VERT

HISTORY 931+40 16