

**DIGITAL DATA PRODUCTS README DOCUMENT
THE CITY OF CALGARY**

DIGITAL DATA AT THE CITY OF CALGARY

DIGITAL DATA PRODUCTS README DOCUMENT THE CITY OF CALGARY

<i>DIGITAL DATA AT THE CITY OF CALGARY</i>	1
Disclaimer	3
General Information	3
Digital File Abbreviations	3
Citywide Data Sets Included in This Document:	4
Section-based Data Sets Included in This Document:	4
Miscellaneous Data Sets Included in This Document:	4
Airport File	5
Alberta Survey Control Marker File	7
Alberta Township Survey (ATS) System File	7
City Limits Boundary File	7
Community Boundary File	8
Digital Aerial Survey (DAS) Planimetric Patterned Files	8
Digital Terrain Model (DTM) / Digital Elevation Model (DEM) Files	11
Floodway/Floodplain Line Work & Shape Files	11
Land Use Districts File	12
Legal Survey Fabric Files	13
Ownership Parcel Fabric Files	16
Parks Line Work File	17
River Line Work Files	18
River Shape Files	18
Roadnet File	19
Streets File	20
TUC (Transportation Utility Corridor) File	20
Utilities: Sewer/Sanitary Files	21
Utilities: Sewer/Storm Files	21
Utilities: Water	21

DIGITAL DATA PRODUCTS README DOCUMENT

THE CITY OF CALGARY

Disclaimer

Copyright ©The City of Calgary 2005. All rights reserved. No part of these files may be reproduced in any form or by any means without the prior written consent of The City of Calgary and the appropriate Data License Agreement. The City of Calgary provides this information in good faith, but provides no warranty nor accepts any liability arising from incorrect, incomplete or misleading information or its improper use. Information is maintained on a regular basis.

General Information

Note: The City of Calgary licenses and provides digital information only for land held wholly within Calgary corporate limits.

It is mapped according to the following specification:

NAD83 (Adopted) Datum
3 Degree Transverse Mercator (3TM) Projection
Central Meridian 114 Degree
Mapping Plane Coordinates
Digital files are maintained in MicroStation Format (file extension .DGN) and are normally made available in AutoCAD 1400 format (file extension .DWG).
Working Units:
Master Units: metre
Sub Units: millimetre
Resolution: 1000 mm per m & 25 positional units/mm
Working Area: 171,798 m²
UOR: units of resolution
1 UOR: 1/25 mm
Global Origin:
UOR Values:
X= -110,648,850.0000
Y= 141,411,270,800.0000
Coordinate Values (As defined in MicroStation using GO=\$):
N = -5570551.4861
E = 90325.2999

Note: Digital files are provided by section based on the Alberta Township Survey (ATS) system. Data is cut to precise section boundaries with no overlap of adjoining sections.

Digital File Abbreviations

LV	level	LC	line style	CO	color
FT	font	WT	weight	TX	text size

DIGITAL DATA PRODUCTS README DOCUMENT

THE CITY OF CALGARY

Citywide Data Sets Included in This Document:

Alberta Survey Control Marker File
Alberta Township Survey (ATS) System File
City Limits Boundary File
Community Boundary File
Floodway/Flood Plain Line Work & Shape Files
Land Use Districts File
Parks Line Work File
River Line Work Files
River Shape File
Roadnet File
Streets File
Transportation Utility Corridor (TUC) File

Section-based Data Sets Included in This Document:

Digital Aerial Survey (DAS) Files
Digital Terrain Model (DTM) / Digital Elevation Model (DEM) Files
Legal Survey Fabric (LSF) Files
Ownership Parcel Fabric (OPF) Files
Utilities: Sewer/Sanitary Files
Utilities: Sewer/Storm Files
Utilities: Water Files

Miscellaneous Data Sets Included in This Document:

Airport File

DIGITAL DATA PRODUCTS README DOCUMENT

THE CITY OF CALGARY

Airport File

MicroStation Filename: 1999_#.dgn
 AutoCAD Filename: 1999_#.dwg
 Coverage: Airport only
 Documentation Date: November 10, 2000
 Positional Accuracy: +/- 0.15m
 *DAS Collected: April 1999

LV	CO	WT	LC	FT	TX	Description
1	31	2	3			Building (under construction)
1	34	0 / 1	3			Misc. Bldg (park bldg/structures)
1	32	1	3			Parking Garages
1	35	1	3			Unclassified Buildings
2	35	0	3			House - residential - roof outline
2	37	0	2			Decks (wooden) (N/A since 1998/04/02)
3	1	0	2			Bus Shelters
4	3	0 / -	1			Swimming Pool (private)
5	12	0 / -	1			Steps (along pathways/walks, etc. on public lands only) not individual steps.
6	1	0 / -	3			Back of Walk (BOW) - Mono walk
6	2	0 / -	3			Back of Walk (BOW) - Separate walk
6	18	0 / -	3			Front of Walk (FOW)
6	19	0 / 1	3			Back of Curb (BOC)
6	20	0 / 1	3			Lip of Gutter (LOG)
6	12	0 / 1	3			Edge of Pavement (where no Curb & Gutter exists)
6	57	3 / 1	3			Edge of gravel (where no pavement exists)
7	8	0 / 1	1			Bridge
8	53	0 / -	1			Both sides of pathway/trail: Paved
8	53	2 / -	1			Single or Both sides of pathway/trail: Other (shale, gravel, wood chip)
12	16	0 / -	1			Manhole Rim Elevation - spot height text
12	1	0 / -	1	MAN / OMAN		Manhole - point feature
12	6	0 / -	1	CB / OCB		Catch Basin-storm sewer- point feature
12	20	0 / -	1			Concrete Swale (back/side yards)
12	8	0 / -	1			Outfall Structure
15	7	0 / 1	1			Retaining Wall - single line (applicable for bridges and overpasses)
17	12	0 / 1	1			Edge of Concrete, Concrete Pads
17	53	0 / 1	1			Paved area (unspecified - not roads) (public areas & parking lots)
17	7	0 / -	1			Text P, G or C - paved/gravel/concrete areas
18	9	0 / -	1	(PCP / OPCP)		Fence (Parks & Roadways): post and cable
18	8	0 / 1	1	(FEP / OFEP)		Fence (Parks & Roadways): chain link
18	11	0 / -	1	(WFP / OWFP)		Fence (Parks & Roadways): wood fence
18	10	0 / 3 / 1	1	(BWP / OBWP)		Fence: Barbed Wire
18	8	0 / 3	1	GARBIN / OGARBI		Garbage Bin - in park areas and along pathways
20	8	1	1			Storage tank / structure (fuel, grain)
21	6	2 / -	1			Playground areas in parks (outline of cutaway areas around equipment)
21	1	0 / -	1			Ball Diamond: shale infield outline
22	8	0	1	STR / OSTR		Base/trunk of tree

DIGITAL DATA PRODUCTS README DOCUMENT

THE CITY OF CALGARY

22	5	0 / 3	1	(TREE / OTREE)	Trees - outline picked up if trunk not visible.
26	3	0	3		Hydrography -left/right water's edge of streams and rivers
26	4	2 / -	2		Intermittent Stream (ravine, gully)
26	4	0	2		Canal (left and right edge of water) Pond, Lakes, (edge of water)
26	39	7 / -	2		Ditch
28	12	0 / -	2	(CPR / OCPR)	CPR tracks (each rail)
35	1	0	1	UNKN	Unknown Point Feature
35	2	4 / -	1		Unknown Line Feature
40	1	0 / -	2		Index contour 2.5m
40	2	0 / -	2		Index contour 5.0m
40	22	0 / -	2		Index contour 10m
40	23	0 / -	2		Index contour 20m
40	24	0 / -	2		Index contour 25m
41	10	0 / -	1		Intermediate contour (0.5m)
42	11	0	1	BSP	Building roof elevation (cell and text)
42	26	0	1	GSP	Base of building elevation (cell and text)
42	10	0	1	SP	Spot Height (cell and text)
43	4	0	1		Water elevation text
44	1	0	1		Contour annotation 2.5m
44	2	0	1		Contour annotation 5.0m
44	22	0	1		Contour annotation 10m
44	23	0	1		Contour annotation 20m
44	24	0	1		Contour annotation 25m
44	10	0	1		Contour annotation (intermediate)
45	*	0 / -	1		Depression ticks (tick length=1.5mm)
46	8	0 / -	1		Centerline of roads - actual
56	1	0 / 0,1	1	POLE / OPOLE	Power poles
56	1	0	1	GUY	Guy wire anchor (pole)
56	2	0 / -	1		Tower (transmission - corner of steel)
56	3	0 / 0,3	1	IB / OIB	Misc. poles (unspecified)
56	8	0 / 3	1	R / IR	Traffic Light poles
57	1	0 / 1	1	LITES / OLITES	Streetlight poles
59	45	0	5		Update polygon – Red (areas that are fully built-up)
59	5	0	5		Update polygon – Green (areas under construction)
59	13	3	5		Update polygon – Black (new planimetric data only)
61	13	0	1		Photography Date, Contractor Information
63	13	0	1		Note, Note, Note
63	0	0	4		Complex shape

* Colour same as contour

Note: Line Code 1 shall be used to designate obscured features and where the line vectors are approximate.

DIGITAL DATA PRODUCTS README DOCUMENT THE CITY OF CALGARY

Alberta Survey Control Marker File

MicroStation Filename: ascsm.dgn
 AutoCAD Filename: ascsm.dwg
 Coverage: Citywide
 Documentation Date: December 1999
 Positional Accuracy: +/- 0.0m

LV	CO	LC	WT	FT	CELL	Description
1	0	0	1			Legend
5	3	0	1		ASCM	Alberta Survey Control Monument
5	5	0	4		APVB	Airborne GPS Test Marker
5	80	0	1		FEDBM	Federal Benchmark
5	0	0	0		ASCMHP	High Point
5	4	0	1		HPN	High Precision Network Marker
6	4	0	1	1		Text, HPN number
6	3	0	0	1		Text, ASCM number
6	80	0	1	1		Text, Federal Benchmark number
6	0	0	0	1		Text, High Point number

Alberta Township Survey (ATS) System File

MicroStation Filename: sectats.dgn
 AutoCAD Filename: sectats.dwg
 Coverage: Citywide
 Documentation Date: June 2000
 Positional Accuracy: N/A

LV	CO	LC	WT	FT	TX	Description
1	1	0	1			Section Definition
2	0	0	4	66	45	Section Name
19	2	4	0			Original Road Allowance
21	10	0	4			Quarter Section

City Limits Boundary File

MicroStation Filename: citybound.dgn
 AutoCAD Filename: citybound.dwg
 Coverage: Citywide
 Documentation Date: June 1996
 Positional Accuracy: +/- 0.0m

LV	CO	LC	WT	FT	TX	Description
1	0	4	0	4	515	Large quadrant text
15	1	4	1			City Limit line work
16	1	0	1	55	7.6	City Limit text
17	1	2	1			Quadrant line work
18	1	0	1	55	6.1	Quadrant text

DIGITAL DATA PRODUCTS README DOCUMENT THE CITY OF CALGARY

Community Boundary File

MicroStation Filename: community.dgn
 AutoCAD Filename: community.dwg
 Coverage: Citywide
 Documentation Date: June 1996
 Positional Accuracy: +/- 0.0m

LV	CO	LC	WT	FT	TX	DESCRIPTION
1	5	0	1	85	175	Community Codes (abbreviations)
2	3	0	1	85	100	Community Names (full)
4	4	0	1	85	175	Residual Area Codes
5	25	0	1	85	150	Residual-Sub Area Codes
6	0	0	1	85	100	Sub-Area Descriptive Text
10	5	0	4			Community Dist. Polygons (shapes)
11	4	0	4			Residual Area Polygons (shapes)
12	25	0	4			Residual-Sub Area Polygons (shapes)
20	0	0	2			Horizontal Grid Lines
21	0	0	2			Vertical Grid Lines
22	0	0	2	52	400	Horizontal Letters
23	0	0	2	52	400	Vertical Numbers
30	0	0	0	18	80	Community District Legend
31	4	0	0	18	80	Residual Area Legend
32	2	0	0	18	80	Residual Sub-Area Legend
33	3	0	0			Legend shape for shading
34	4	0	0			Legend line work
63	3	0	2			Border

Digital Aerial Survey (DAS) Planimetric Patterned Files

MicroStation Filename: eg.3p0724015.dgn
 AutoCAD Filename: eg.3p0724015.dwg
 Coverage: Section-based
 Documentation Date: October 2002
 Positional Accuracy: +/- 0.15m

LV	WT	LC	CO	CELL	DESCRIPTION
1	3	0	9		Shopping Centres
1	3	0	38		School / College
1	3	0	37		Building - Religious (if possible)
1	3	2	31		Building (under construction)
1	3	0	36		Commercial Buildings
1	3	0	34		Misc. Bldg (park bldg/structures)
1	3	0	32		Parking Garages
1	3	0	33		Stadium (Buildings)
1	3	0	35		Unclassified Buildings
2	3	0	35		House - residential - roof outline
2	2	0	37		Decks (wooden) (N/A since 1998/04/02)
2	3	2	37		Garages, detached (all)
3	2	0	2		LRT shelters & stations (Bldgs.)
3	2	0	1		Bus Shelters
4	1	0	4		Swimming Pools (public)
4	1	0	3		Swimming Pools (private)
5	1	0	12		Steps (along pathways/walks, etc. on public lands only)

DIGITAL DATA PRODUCTS README DOCUMENT

THE CITY OF CALGARY

6	3	0	1		not individual steps. Back of Walk (BOW) - Mono walk
6	3	0	2		Back of Walk (BOW) - Separate walk
6	3	0	18		Front of Walk (FOW)
6	3	0	19		Back of Curb (BOC)
6	3	0	20		Lip of Gutter (LOG)
6	3	0	12		Edge of Pavement (where no Curb & Gutter exists)
6	3	3	57		Edge of gravel (where no pavement exists)
6	3	0	7		Bus Trap
7	1	0	2		Overpass (pedestrian)
7	1	0	7		+15
7	1	0	8		Bridges
8	1	0	53		Both sides of pathways/trails: paved
8	1	2	53		Both sides of pathways/trails: other (shale, gravel)
11	1	0	4	HYDR	Hydrants - point feature
12	1	0	16		Manhole Rim Elevation - spot height text
12	1	0	1	MAN	Manhole - point feature
12	1	0	21		Catch Basin Elevation - spot height text
12	1	0	6	CB	Catch Basin-storm sewers- point feature
12	1	0	20		Concrete Swale (back/side yards)
12	1	0	8		Outfall Structures
15	1	0	7		Retaining Wall - single line (applicable for bridges and overpasses)
17	1	0	12		Edge of Concrete, Concrete Pads
17	1	0	53		Paved areas (unspecified - not roads) (public areas & parking lots)
17	1	0	7		Text P, G or C - paved/gravel/concrete areas
18	1	0	9	PCP	Fences (Parks & Roadways): post and cable
18	1	0	8	FEP	Fences (Parks & Roadways): chain link
18	1	0	11	WFP	Fences (Parks & Roadways): wood fence
18	1	0	10	BWP	Barbed wire fences
18	2	0	81	SAB	Fences - Sound Attenuation Barrier
18	2	0	67	MSF	Fences - Miscellaneous Subdivision - stucco/brick
18	1	0	24	PBEN	Benches - in park areas and along pathways
18	1	0	8	GARBIN	Garbage Bins - in park areas and along pathways
18	1	0	26	GPOST	Goal posts (soccer, football, etc.)
18	12	0	0	GRAVES	Gravestones
18	8	0	0	HEADS	Headstones
19	1	0	1	MAIL	Super Mail Boxes
20	1	0	8		Storage tanks/structure (fuel, grain)
21	1	2	6		Playground areas in parks (outline of cutaway areas around equipment)
21	1	0	1		Ball Diamonds: shale infield outline
21	1	2	20		Ball Diamonds: grass infield outline
21	1	2	24		Play fields outline where marked (soccer, football, etc.)
21	1	5	21		Golf course greens (outline)
22	1	0	8	STR	Base/trunk of tree
22	1	0	5		Trees - outline picked up if trunk not visible.
22	1	0	52		Clearings (generally exist. within outline of clumps of trees) (& previously within shrubs also)
22	1	0	23	TRUNK	Trunk of tree within clump

DIGITAL DATA PRODUCTS README DOCUMENT

THE CITY OF CALGARY

22	21	1	0		Shrubs
25	1	0	1	PHONE	Pay Telephones - single point
26	3	0	3		Hydrography-left/right water's edge of streams and rivers (left & right side width > 1 metre and single line width < 1 metre)
26	2	2	4		Intermittent Stream (ravine, gully)
26	2	0	4		Canal (left and right edge of water) Pond, Lakes, (edge of water)
26	2	7	39		Ditches
28	3	0	12	RRP	LRT tracks (each rail)
28	2	0	12	CPR	CPR tracks (each rail)
35	1	0	1	UNKN	Unknown Point Feature
35	1	4	2		Unknown Line Feature
40	2	0/1	1		Index contour 2.5m
40	2	0/1	2		Index contour 5.0m
40	2	0/1	22		Index contour 10m
40	2	0/1	23		Index contour 20m
40	2	0/1	24		Index contour 25m
41	1	0/1	10		Intermediate contours (0.5m)
42	1	0	11	BSP	Building roof elevations
42	1	0	26	GSP	Base of building elevations
42	1	0	10	SP	Spot heights and text
43	1	0	4		Water elevation text
44	1	0	1		Contour annotation 2.5m
44	1	0	2		Contour annotation 5.0m
44	1	0	22		Contour annotation 10m
44	1	0	23		Contour annotation 20m
44	1	0	24		Contour annotation 25m
44	1	0	10		Contour annotation (intermediate)
45	1	0	(Same as contour)		Depression ticks (tick length=1.5mm)
46	1	0	8		Centerline of roads - actual
56	1	0	1	POLE	Power poles
56	1	0	1	GUY	Guy wire anchor (pole)
56	1	0	2		Tower (transmission - corner of steel)
56	1	0	3	IB	Misc. poles (unspecified)
56	1	0	8	R	Traffic Light poles
56	1	0	2	MOSB	Metal Overhead Sign base
56	1	0	32	CELLT	Cell Phone Towers (freestanding)
57	1	0	1	LITES	Streetlight poles
57	1	0	2	O	Light sweeps (on power poles)
57	1	0	3	C	Electrical control cabinets (e.g. traffic lights)
57	1	0	8	P	Pedestals
59	5	0	45		Update polygon - Red (areas that are fully built-up)
59	5	0	5		Update polygon - Green (areas under construction)
59	5	3	13		Update polygon - Black (new planimetric data only)
60	5	0	13		Construction polygon
61	1	-	13		Photography Date, Contractor Information

Note: Line Code 1 shall be used to designate obscured features and where the line vectors are approximate.

DIGITAL DATA PRODUCTS README DOCUMENT THE CITY OF CALGARY

Digital Terrain Model (DTM) / Digital Elevation Model (DEM) Files

MicroStation Filename: eg.3d0724015.dgn
 AutoCAD Filename: eg.3d0724015.dwg
 Coverage: Section-based
 Documentation Date: July 31, 2000
 Positional Accuracy: +/- 0.15m

LV	WT	LC	CO	CELL	DESCRIPTION
1	2	0	8	GR	Regular grid
2	2	0	10		Breaklines - sharp
3	2	0	16		Breaklines - round (except centerline of roads)
4	2	0/1	7		Crown of Roads
5	2	0	5	MP	Mass points
12	1	0	1	MAN	Spot height - Manholes
12	1	0	6	CB	Spot height - Catch Basins
42	1	0	10	SP	Spot heights
42	1	0	26	GSP	Elevations at base of buildings
44	2	0	12		Exclusion Polygons
59	5	0	45		Update polygon - Red
59	5	0	5		Update polygon - Green
59	5	0	13		Update polygon - Black
61	1	0	13		Digital data update note

Floodway/Floodplain Line Work & Shape Files

MicroStation Filename: floodway.dgn and fwfp.dgn
 AutoCAD Filename: floodway.dwg and fwfp.dwg
 Coverage: Citywide
 Documentation Date: February, 2000
 Positional Accuracy: +/- 0.0m

LV	CO	LC	WT	FT	TX	DESCRIPTION
1	0	0	1	60	250	Legend
10	0	3	3	-	-	Step lines
11	0	0	4	60	8	Step elevations
12	27	0	4	60	6	Notes and flow arrows
12	0	0	4	60	15	Note: Future Proposed Development for West Elbow R.
13	33	0	4	60	8	Step elevation text (when Lafarge Bridge is removed)
14	33	3	3	-	-	Step lines when (Lafarge Bridge is removed)
15	76	5	4	-	-	Floodway Line work (when Lafarge Bridge is removed)
16	4	0	0	60	10	LaFarge Bridge Note and Arrow
21	2	0	4	-	-	Floodplain line work
21	2	0	4	60	var.	Text (Area not in Floodplain)
23	5	0	4	-	-	Floodplain overland flow Line work
23	5	0	4	60	var.	Floodplain overland flow text
25	152	0	4	-	-	Glenmore Reservoir Waterbody Line work
25	150	0	3	-	-	Glenmore Reservoir Island Line work
25	0	0	1	66	4.5	Glenmore Reservoir Text
29	1	3	4	-	-	Floodway Line work

DIGITAL DATA PRODUCTS README DOCUMENT

THE CITY OF CALGARY

29	1	3	4	60	var.	Text (Area not in Floodway)
30	2	0	2	-	-	Floodplain Waterbody Shapes (opaque/hole)
31	6	0	2	-	-	Floodplain Island Shapes (none/hole)
32	1	0	2	-	-	Floodway Waterbody Shapes (none/hole)
33	5	0	2	-	-	Floodway Island Shapes (none/hole)
34	8	0	2	-	-	Overland Flow Shapes (none/hole)

Definitions:

NORMAL RIVER CHANNEL – means the water flow contained within the banks of the river channel.
FLOODWAY – means the river channel and adjoining lands that would provide the pathway for floodwaters in the event of a flood of a magnitude likely to happen once in one hundred (100) years.
FLOODPLAIN – means those lands abutting the floodway that would be inundated by floodwaters in the event of a flood of a magnitude likely to occur once in one hundred (100) years.
OVERLAND FLOW AREA – means those lands subject to shallow overland water flow in the event of a flood of a magnitude likely to happen once in one hundred (100) years.

NOTE: This file forms part of The Calgary Land Use Bylaw 2P80 as indicated in Section 19.1. The floodway/floodplain as defined in the bylaw is subject to amendment by City Council and the file is updated according to the amendment as soon as possible following approval by City Council.

Land Use Districts File

MicroStation Filename: citylu.dgn
 AutoCAD Filename: citylu.dwg
 Coverage: Citywide
 Documentation Date: October 1998
 Positional Accuracy: N/A

LV	CO	LC	WT	FT	TX	LS	DESCRIPTION
16	3	4	2	--	--	--	City Limits
17	3	2	4	--	--	--	Land Use Lines
17	5	2	4	--	--	--	DC Site Lines
18	4	0	2	73	var	var	Land Use Text within its Land Use Area (centroid)
18	238	0	2	73	var	var	Repeated or External Land Use Text (Labels)
18	0	0	2	73	var	var	Land Use Comments
19	5	0	4	73	25	12.5	DC Text "Site Numbers"
20	2	0	2	--	--	--	Arrow Heads & Lines
23	4	0	4	--	--	--	Street "fill-in" Lines (used for polygons)
23	5	0	4	--	--	--	Street "fill-in" Lines for adjacent DC sites (used for polygons)
50	6	0	2	73	7.5	3.75	LU Text Centroid (too small for printing)
55	238	0	10	--	--	--	Error markers

NOTE: Land Use Districts are subject to amendment by By-law of City Council and this data set is updated as soon as possible following Council's decision.

DIGITAL DATA PRODUCTS README DOCUMENT

THE CITY OF CALGARY

Legal Survey Fabric Files

MicroStation Filename: Isection_#.dgn
 AutoCAD Filename: Isection_#.dwg
 Coverage: Section-based
 Documentation Date: January 20, 2003
 Positional Accuracy: +/- 0.15m

LV	CO	WT	LC	FT	TX	Description
1	128	4	0	*	*	Block boundary RP
1	191	4	0	*	*	Block boundary PP/TP
1	251	4	0	*	*	Block boundary PP affected by TP
1	252	4	0	*	*	Block boundary RP affected by TP
2	129	4	0	60	4.5	Block number RP
2	192	4	0	60	4.5	Block number PP/TP
2	251	4	0	60	4.5	Block number PP affected by TP
2	252	4	0	60	4.5	Block number RP affected by TP
3	130	1	0	*	*	Lot line RP
3	193	1	0	*	*	Lot line PP/TP
3	251	1	0	*	*	Lot line PP affected by TP
3	252	1	0	*	*	Lot line RP affected by TP
4	131	1	0	60	2.25	Lot number RP
4	194	1	0	60	2.25	Lot number PP/TP
4	251	1	0	60	2.25	Lot number PP affected by TP
4	252	1	0	60	2.25	Lot number RP affected by TP
7	134	4	3	*	*	Bridge symbol RP BRIDGE
7	197	4	3	*	*	Bridge symbol PP/TP BRIDGE
7	251	4	3	*	*	Bridge symbol PP affected by TP BRIDGE
7	252	4	3	*	*	Bridge symbol RP affected by TP BRIDGE
7	134	2	0	60	2.25	Bridge text RP
7	197	2	0	60	2.25	Bridge text PP/TP
7	252	2	0	60	2.25	Bridge text RP affected by TP
7	251	2	0	60	2.25	Bridge text PP affected by TP
8	135	4	0	60	4.5	Street/railway text RP
8	135	2	0	60	3.15	Street/railway text RP
8	135	1	0	60	2.25	Street/railway text RP
8	135	4	0	60	2.25	Street/railway text RP closed
8	198	4	0	60	4.5	Street/railway text PP/TP
8	198	2	0	60	3.15	Street/railway text PP/TP
8	198	1	0	60	2.25	Street/railway text PP/TP
8	251	4	0	60	4.5	Street/railway text PP affected by TP
8	251	2	0	60	3.15	Street/railway text PP affected by TP
8	251	1	0	60	2.25	Street/railway text PP affected by TP
8	252	4	0	60	4.5	Street/railway text RP affected by TP
8	252	2	0	60	3.15	Street/railway text RP affected by TP
8	252	1	0	60	2.25	Street/railway text RP affected by TP
9	136	0	0	*	*	Plan shape RP/historical
9	199	0	0	*	*	Plan shape PP/TP
9	251	0	0	*	*	Plan shape PP Superceded by TP
9	252	0	0	*	*	Plan shape RP Superceded by TP
10	134	2	0	66	3.15	Plan number RP (Plan Centroid)
10	137	2	0	66	3.15	Plan number RP
10	200	2	0	66	3.15	Plan number PP/TP
10	251	2	0	66	3.15	Plan number PP affected by TP
10	252	2	0	66	3.15	Plan number RP affected by TP

DIGITAL DATA PRODUCTS README DOCUMENT

THE CITY OF CALGARY

10	146	2	0	67	3.15	R/W Plan number not on C of T RP
10	251	2	0	67	3.15	R/W Plan number not on C of T,PP affected by
TP						
10	252	2	0	67	3.15	R/W Plan number not on C of T,RP affected by
TP						
11	138	0	0	*	*	Cadastral station RP CADSTN
11	201	0	0	*	*	Cadastral station PP/TP CADSTN
13	*	0	0	*	*	Retired Cadastral Station/Construction point
14	141	1	0	60	1.25	Legal dimension RP
14	204	1	0	60	1.25	Legal dimension PP/TP
14	251	1	0	60	1.25	Legal dimension PP affected by TP
14	252	1	0	60	1.25	Legal dimension RP affected by TP
15	142	1	0	60	1.25	Azimuth RP
15	205	1	0	60	1.25	Azimuth PP/TP
15	251	1	0	60	1.25	Azimuth PP affected by TP
15	252	1	0	60	1.25	Azimuth RP affected by TP
15	144	1	0	60	1.25	Radius RP
15	207	1	0	60	1.25	Radius PP/TP
18	135	1	0	60	5	1/4000 street name RP
18	198	1	0	60	5	1/4000 street name PP/TP
21	148	4	0	*	*	Walkway/lane RP
21	211	4	0	*	*	Walkway/lane PP/TP
21	251	4	0	*	*	Walkway/lane PP affected by TP
21	252	4	0	*	*	Walkway/lane RP affected by TP
22	149	4	0	*	*	Laneway closures RP
22	212	4	0	*	*	Laneway closures PP/TP
22	251	4	0	*	*	Laneway closures PP affected by TP
22	252	4	0	*	*	Laneway closures RP affected by TP
24	151	1	0	60	1.25	Street/lane width RP
24	214	1	0	60	1.25	Street/lane width PP/TP
24	251	1	0	60	1.25	Street/lane width PP affected by TP
24	252	1	0	60	1.25	Street/lane width RP affected by TP
26	153	4	0	66	4.5	Hydrology text
26	153	4	0	*	*	Flow arrow RVRARO
26	153	1	0	60	2.25	Hydrology source text
27	154	1	5	*	*	UR/W Line work RP
27	217	1	5	*	*	UR/W Line work PP/TP
27	252	1	5	*	*	UR/W Line work RP affected by TP
27	251	1	5	*	*	UR/W Line work PP affected by TP
27	154	1	0	60	2.25	UR/W text RP
27	217	1	0	60	2.25	UR/W text PP/TP
27	251	1	0	60	2.25	UR/W text PP affected by TP
27	252	1	0	60	2.25	UR/W text RP affected by TP
27	161	1	5	*	*	ODR/W Line work RP
27	224	1	5	*	*	ODR/W Line work PP/TP
27	161	1	0	60	2.25	ODR/W text RP
27	224	1	0	60	2.25	ODR/W text PP/TP
27	178	1	0	60	2.25	AR/W text RP
27	241	1	0	60	2.25	AR/W text PP/TP
27	178	1	5	*	*	AR/W Line work RP
27	241	1	5	*	*	AR/W Line work PP/TP
28	155	1	0	*	*	Dimension Arrow Cell DIMARO
28	218	1	0	*	*	Dimension Arrow Cell DIMARO
28	251	1	0	*	*	Dimension Arrow Cell DIMARO
28	252	1	0	*	*	Dimension Arrow Cell DIMARO

DIGITAL DATA PRODUCTS README DOCUMENT

THE CITY OF CALGARY

28	178	1	0	*	*	Dimension Arrow Cell DIMARO
28	241	1	0	*	*	Dimension Arrow Cell DIMARO
28	161	1	0	*	*	Dimension Arrow Cell DIMARO
28	224	1	0	*	*	Dimension Arrow Cell DIMARO
28	155	1	0	60	1.25	UR/W dimension RP
28	218	1	0	60	1.25	UR/W dimension PP/TP
28	251	1	0	60	1.25	UR/W dimension PP affected by TP
28	252	1	0	60	1.25	UR/W dimension RP affected by TP
28	178	1	0	60	1.25	AR/W dimension RP
28	241	1	0	60	1.25	AR/W dimension PP/TP
28	161	1	0	60	1.25	ODR/W dimension RP
28	224	1	0	60	1.25	ODR/W dimension PP/TP
29	156	4	0	*	*	Bylaw closure line RP
29	219	4	0	*	*	Bylaw closure line PP/TP
29	252	4	0	*	*	Bylaw closure line RP affected by TP
29	251	4	0	*	*	Bylaw closure line PP affected by TP
30	157	1	0	60	2.25	Bylaw closure text RP
30	252	1	0	60	2.25	Bylaw closure text RP affected by TP
31	180	1	5	*	*	Easement document Line work RP
31	252	1	5	*	*	Easement document Line work RP affected by
TP						
31	180	1	0	66	2.25	Easement document identifier RP
31	252	1	0	66	2.25	Easement document identifier RP affected by
TP						
32	181	1	0	60	1.25	Easement document dimension RP
32	252	1	0	60	1.25	Easement document dimension RP affected by
TP						
32	252	1	0	*	*	Dimension Arrow Cell DIMARO
32	181	1	0	*	*	Dimension Arrow Cell DIMARO
33	160	4	0	*	*	Stub lot line RP
33	223	4	0	*	*	Stub lot line PP/TP
33	251	4	0	*	*	Stub lot line PP affected by TP
33	252	4	0	*	*	Stub lot line RP affected by TP
34	161	1	0	60	2.25	Key lot number RP
34	224	1	0	60	2.25	Key lot number PP/TP
34	251	1	0	60	2.25	Key lot number PP affected by TP
34	252	1	0	60	2.25	Key lot number RP affected by TP
35	129	3	0	60	7	1/4000 text RP block
35	153	1	0	60	7	1/4000 text RP river
35	153	4	0	*	*	1/4000 text RP river arrow RVRARO
35	192	3	0	60	7	1/4000 text PP/TP block
35	161	1	0	60	5	1/4000 text RP key lot
35	224	1	0	60	5	1/4000 text PP/TP key lot
35	137	1	0	60	5	1/4000 text RP plan number
35	200	1	0	60	5	1/4000 text PP/TP plan number
35	154	1	0	60	5	1/4000 text RP descriptors
35	157	1	0	60	5	1/4000 text RP BL closure
35	146	1	0	60	5	1/4000 text RP not C of T
36	252	*	*	*	*	RP affected by PP CADSTN, TICMRK, DIMARO
40	125	0	0	*	*	Construction cell RP OPFPNT
40	123	0	0	*	*	Construction cell PP OPFPNT
40	154	0	0	*	*	Construction cell RP EASPNT
40	217	0	0	*	*	Construction cell PP EASPNT
40	186	0	0	*	*	Construction cell RP RIVPNT
40	188	0	0	*	*	Construction cell PP RIVPNT

DIGITAL DATA PRODUCTS README DOCUMENT

THE CITY OF CALGARY

40	188	0	0	*	*	Construction cell TMPPNT
40	136	0	0	*	*	Construction cell RP PLNPNT
40	199	0	0	*	*	Construction cell PP PLNPNT
40	149	0	0	*	*	Construction cell RP STRPNT
40	212	0	0	*	*	Construction cell PP STRPNT
40	156	0	0	*	*	Construction cell RP BYLPNT
52	123	1	2	*	*	Tentative OPF Only Line work
53	125	1	0	*	*	Registered OPF Only Line work
60	187	1	0	*	*	Key lot line RP
60	187	4	0	*	*	Key lot line RP
60	250	1	0	*	*	Key lot line PP/TP
60	250	4	0	*	*	Key lot line PP/TP
60	251	1	0	*	*	Key lot line PP affected by TP
60	251	4	0	*	*	Key lot line PP affected by TP
60	252	1	0	*	*	Key lot line RP affected by TP
60	252	4	0	*	*	Key lot line RP affected by TP
61	186	0	0	*	*	Construction lines for Traverse RP
61	188	0	0	*	*	Construction lines for Traverse PP
61	186	0	0	60	1.25	Construction dimension Traverse RP
61	188	0	0	60	1.25	Construction dimension Traverse PP
61	188	0	0	*	*	Construction points TICMRK RP
62	0	1	5	*		TB PLOTTING BORDER
63	VAR	VAR	VAR	VAR	VAR	TBLOCK and LEGEND

Ownership Parcel Fabric Files

MicroStation Filename: osection_#.dgn
 AutoCAD Filename: osection_#.dwg
 Coverage: Section-based
 Documentation Date: June 1996
 Positional Accuracy: +/- 0.15m (Sites +/- 10m)

LV	CO	WT	FT	LC	TX	DESCRIPTION
2	129	2	18		24x19	Block numbers
4	131	1	18		10x6	Lot numbers
8	135	1	18		12,15	Registered Street name
8	135	1	18		24	Registered Street name
8	17	10	18		12,15	Tentative Street name
8	17	10	18		24	Tentative Street name
8	18	10	18		15	Hydrology text
20	50	1		0		Tentative Parcel
21	172	1		0		Residential/Commercial Parcel
21	172	5		1		Park & Reserve Parcel
21	172	5		2		Public School Parcel
21	172	5		3		Separate School Parcel
24	173	1	55		10	Parcel Address
25	15	1	55		10	Tentative Parcel Address
27	174	1	55		8,10	Municipal Address
27	19	1	55		8,10	Unit/Suite Numbers
28	0	1	18		12,15	Bridge Cell
29	3	1	16		10,5	Park names
30	14	1	55		10,15	Building names
30	14	1	55		5,7.5	Building names
31	157	1	16		10,5	By-law number

DIGITAL DATA PRODUCTS README DOCUMENT THE CITY OF CALGARY

32	6	1	16		12,6	Narrative text
32	7	1				Bus Only crossing cell
32	15	2	55		10	Plus 15 Address
33	137	1	16		10,15	Plan numbers
33	137	1	16		5,7.5	Plan numbers
36	135	1	18		12,15	Alignment Street text
36	135	1	18		24	Alignment Street text
36	50	10	18		12,15	Additional Street names
36	50	10	18		24	Additional Street names
37	135	1	18		12,15	Dual Street names
37	135	1	18		24	Dual Street names
40	176	1		0		Site Private Street lines
41	177	2		0		Site Building Outlines
45	175	1	55		20,25	Site Names
45	175	1	55	0	10,12	Site Names
46	179	1	55		6,8	Site Unit Numbers
47	180	1	55		6,8	Site Misc Text
48	181	1	18		10,5	Site Private street name
62	0	1		5		Title Block Plotting border
63	0		55	0		Title Block

Parks Line Work File

MicroStation Filename: parks.dgn
 AutoCAD Filename: parks.dwg
 Coverage: Citywide
 Documentation Date: August 2000

LV	CO	LC	WT	FT	TX	Description
10	41	0	1			Provincial lands
20	19	0	0			Parks inventory parcels
30	15	0	0			OMSR (municipal school reserve) sites
33	16	0	0			Catholic school ownership parcels
34	16	0	0			Catholic school sites
35	16	0	0	15	15	Catholic school name text
36	44	0	0			Public school ownership parcels
37	44	0	0			Public school sites
38	44	0	0	15	15	Public school name text

DIGITAL DATA PRODUCTS README DOCUMENT THE CITY OF CALGARY

River Line Work Files

MicroStation Filename: river.dgn, river3d.dgn
 AutoCAD Filename: river.dwg, river3d.dwg
 Coverage: Citywide
 Documentation Date: June 1996
 Positional Accuracy: +/- 2m

LV	CO	LC	WT	FT	TX	DESCRIPTION
1	1	0	1	10		Legend
25	152	0	4			Natural hydro from DAS source
25	129	0	4			Traverses
25	150	0	3			Island
25	149	0	4			Natural Hydro from sources other than DAS
26	0	0	1	66		Names of all features
26	1	0	1	66		Dates information obtained
31	3	0	3			Man made lakes
31	151	0	3			WID canal
31	152	0	4			Glenmore Reservoir
35	129	0	3	66		Asterisks (indicating limits of traverse)

River Shape Files

MicroStation Filename: rivshape.dgn, rivshape3d.dgn
 AutoCAD Filename: rivshape.dwg, rivshape3d.dwg
 Coverage: Citywide
 Documentation Date: June 1996
 Positional Accuracy: +/- 2m

LV	CO	LC	WT	FT	TX	DESCRIPTION
1	1	0	1	10		Legend
36	0	0	0			Hydrology shape

DIGITAL DATA PRODUCTS README DOCUMENT

THE CITY OF CALGARY

Roadnet File

MicroStation Filename: roadnet2.dgn
 AutoCAD Filename: roadnet2.dwg
 Coverage: Citywide
 Documentation Date: February 1997
 Positional Accuracy: +/- 5m

LV	CO	LC	WT	FT	TX	DESCRIPTION
1	2	0	3			Street, Built Registered
2	3	0	3			Alley, Built
2	3	6	2			Alley, Curbs-In
2	133	1	2			Alley, Unbuilt
3	53	0	1			Private Street
3	4	1	1			Unbuilt, Un-registered Private Street
4	10	1	3			Expressway, Unbuilt
4	10	6	3			Expressway, Curbs-In
4	10	0	5			Expressway, Built
5	6	1	1			Major, Unbuilt
5	6	6	1			Major, Curbs-In
5	6	0	3			Major, Built
6	9	1	1			Collector, Unbuilt
6	9	6	1			Collector, Curbs-In
6	9	0	3			Collector, Built
7	0	0	1	18	250	Expressway/Major/Collector Text (used by
majornet.dgn)						
7	1	0	1	18	250	Unbuilt, Un-registered
Expressway/Major/Collector Text (used by majornet.dgn)						
8	2	6	1			Street, Curbs-In Registered
9	8	0	1			Closed Street Segments
9	8	1	1			Unbuilt Closed Street Segments
10	2	1	1			Street, Unbuilt Registered
10	1	0	1			Street, Unbuilt Registered
18	0	0	1	18	75	Public / Private Street Text
19	11	1	1			Street, Unbuilt Tentative
19	11	6	1			Street, Curbs-In Tentative
19	11	0	3			Street, Built Tentative
20	22	0	3			Pathways - Local & Regional
20	22	0	7			Pathways - Emergency Access Route
24	1	0	1	18	120	Expressway/Major/Collector Text (By-law)
28	0	0	1	18	10	Private Street Text (sidewalks)
29	53	0	8			Private Street Segments (sidewalks)
30	13	0	3			Street, Built Preliminary
31	13	1	1			Street, Unbuilt Preliminary
32	0	0	1	18	75	Street Text, Tentative/Preliminary
33	13	6	1			Street, Curbs-In Preliminary
56	~	~	~			Legend and Title
58	134	0	10			Border
59	0	2	1	1	120	Disclaimer Cell (Cell "DISC")
59	0	0	1	55	181.5	Copyright Cell (Cell "COPYRT")
60	0	0	1,4	55		Scale Information
61	10	0	0			North Arrow
62	0	0	8	55	448	Title Text
63	0	0	6			Title Text, "THE CITY OF CALGARY"

(~) This indicates numerous colours, line codes, weights

DIGITAL DATA PRODUCTS README DOCUMENT THE CITY OF CALGARY

Streets File

MicroStation Filename: stsection_#.dgn
 AutoCAD Filename: stsection_#.dwg
 Coverage: Citywide
 Documentation Date: June 1996
 Positional Accuracy: +/- 0.15m

LV	CO	LC	WT	FT	TX	DESCRIPTION
25	30	0	3			Sidewalk, Gutter, Curb
25	31	0	3			Sidewalk, Gutter, Curb
28	35	0	1	60	5	1:4000 scale line work text
28	36	0	1	60	5	1:4000 scale line work text
29		0	1			1:4000 scale cells (wheelchair ramp etc.)
30			3			Major Roadways
31		0	1	60	5	Text for Major Roadways

TUC (Transportation Utility Corridor) File

MicroStation Filename: tuc.dgn
 AutoCAD Filename: tuc.dwg
 Coverage: Citywide
 Documentation Date: October 1998
 Positional Accuracy: N/A

LV	CO	WT	FT	LC	TX	DESCRIPTION
1	3	1		0		Line work inside City from legal base
2	0	1		0		Line work outside City
10	2	2		0		Shape inside City
11	4	3		0		Shape outside City
20	6	1		0		Environmentally Sensitive Area (ESA) line work
21	3	4		0		ESA shapes

DIGITAL DATA PRODUCTS README DOCUMENT THE CITY OF CALGARY

Utilities: Sewer/Sanitary Files

MicroStation Filename: sansection_#.dgn
 AutoCAD Filename: sansection_#.dwg
 Coverage: Section-based
 Documentation Date: June 1996
 Positional Accuracy: N/A

LV	CO	LC	WT	FT	TX	DESCRIPTION
9	10	0	3			Sanitary mains
12	10	0	1	60	5.0	1:4000 scale mains text
12	10	0	1			Leader lines
13	10	0	1			1:4000 scale cells (manhole, etc.)
13	10	0	1	60	5.0	Cell text

Utilities: Sewer/Storm Files

MicroStation Filename: stmsection_#.dgn
 AutoCAD Filename: stmsection_#.dwg
 Coverage: Section-based
 Documentation Date: June 1996
 Positional Accuracy: N/A

LV	CO	LC	WT	FT	TX	DESCRIPTION
17	20	0	3			Storm mains
18	20	0	1	60	0.625	1:500 scale text
18	20	0	1			Leader lines
20	20	0	1	60	5.0	1:4000 scale mains text
21	20	0	1			1:4000 scale cells (manhole, catch basin etc.)
21	10	0	1	60	5.0	Cell text

Utilities: Water

MicroStation Filename: wsection_#.dgn
 AutoCAD Filename: wsection_#.dwg
 Coverage: Section-based
 Documentation Date: June 1996
 Positional Accuracy: N/A

LV	CO	LC	WT	FT	TX	DESCRIPTION
41	50	0	3			Watermain
41	54	0	3			Private Area Watermain
44	51	0	1	60	5.0	1:4000 scale text for mains
45	52	0	1			1:4000 scale cells - valves
45	52	0	1	60	5.0	1:4000 scale cells - valve text
45	53	0	1			Hydrants
45	53	0	1	60	5.0	Hydrant text
45	54	0	1			Miscellaneous fittings
45	55	0	1			Valve Chamber
45	50	0	1			DAS Hydrants
46	51	0	1	60	6.2	Street names Leased/Crown land