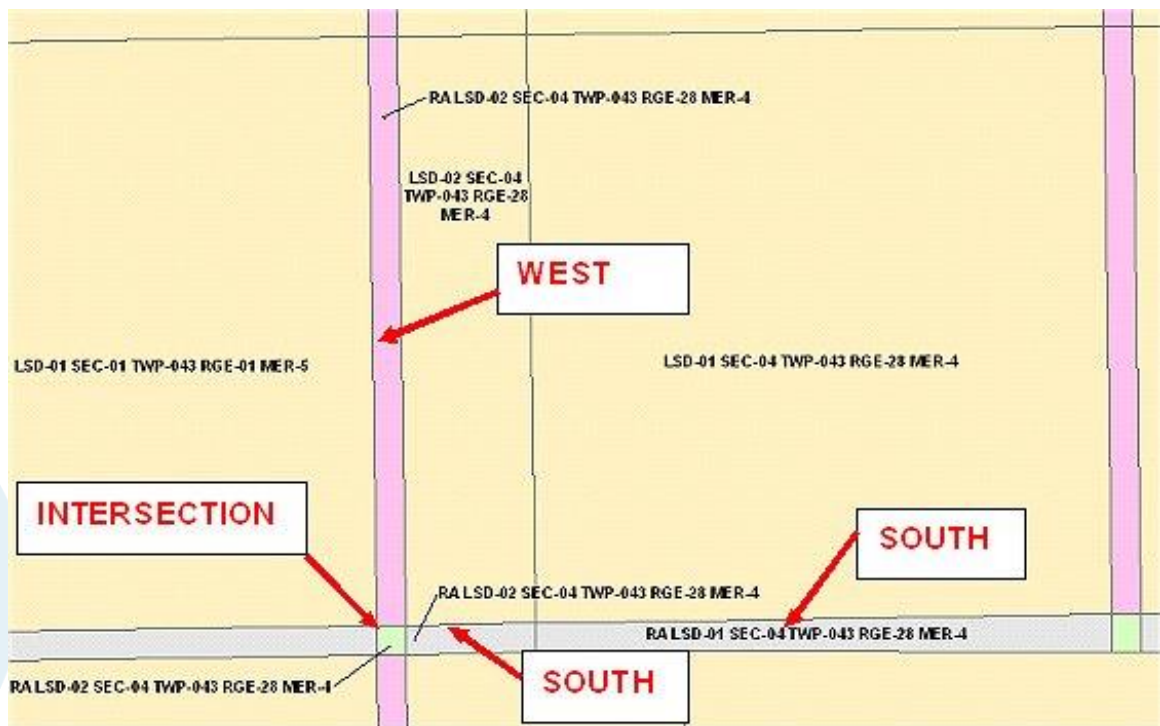# ATS V4.1 POLYGONS

The ATS V4.1 Polygons are constructed from the coordinates of the governing section corners in ATS V4.1, and delivered in Geographic/NAD83 Shape file format. The product includes Provincial coverage of legal sub division (LSD), quarter section, section, each with statutory road allowances, and township polygons.

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ROAD ALLOWANCES

Road Allowance polygons were created to the smallest common denominator as shown.

LSD product which includes Road Allowances for the South, Intersection and West

DATABASE STRUCTURE

TOWNSHIP

PID	Unique value (Described Below)
FILE_NAME	ATS filename as text [401001 = Mer4 Rge01 Twp001]
TRM	Twp, Rge, M as text [001014 = Twp001 Rge01 Mer4]
M	Meridian as an integer [4 or 5 or 6]
RGE	Range as an integer [1 to 30]
TWP	Township as an integer [1 to 126]
DESCRIPTOR	Full description as text. Ex: TWP-001 RGE-01 MER-4

PID   FORMAT

Meridian (1) Range (2) Township (3)

(The number in brackets is the number of place holders.)

Example: 428043

Meridian: 4

Range: 28

Township: 43

SECTION

PID	Unique value (Described Below)
FILE_NAME	ATS filename as text [401001 = Mer4 Rge01 Twp001]
TRM	Twp, Rge, M as text [001014 = Twp001 Rge01 Mer4]
M	Meridian as an integer [4 or 5 or 6]
RGE	Range as an integer [1 to 30]
TWP	Township as an integer [1 to 126]
SEC	Section as an integer [1 to 36]
DESCRIPTOR	Full description as text. Ex: RA SEC-02 TWP-001 RGE-01 MER-4
RA	South, Intersection or West indicator (RS, RI, RW)

PID   FORMAT

Meridian (1) Range (2) Township (3) Section (2) RA (1)

(The number in brackets is the number of place holders.)

Example: 428043023

Meridian: 4

Range: 28

Township: 43

Section: 2

RA: West (RW)

For Quarter Values:

50 - South East

60 - South West

70 - North West

50 - North East

For values in the RA place holder:

0 – Non Road Allowance

1 – South Road Allowance (RS)

2 – Intersection Road Allowance (RI)

3 – West Road Allowance (RW)

QUARTER SECTION

PID	Unique value (Described Below)
FILE_NAME	ATS filename as text [401001 = Mer4 Rge01 Twp001]
TRM	Twp, Rge, M as text [001014 = Twp001 Rge01 Mer4]
M	Meridian as an integer [4 or 5 or 6]
RGE	Range as an integer [1 to 30]
TWP	Township as an integer [1 to 126]
SEC	Section as an integer [1 to 36]
QS	Quarter as text [SE, SW, NE or NW]
DESCRIPTOR	Full description as text. Ex: RA QS-SE SEC-02 TWP-001 RGE-01 MER-4
RA	South, Intersection or West indicator (RS, RI, RW)

PID   FORMAT

Meridian (1) Range (2) Township (3) Section (2) Quarter (2) RA (1)

(The number in brackets is the number of place holders.)

Example: 42804302503

Meridian: 4

Range: 28

Township: 43

Section: 2

Quarter: SE

RA: West (RW)

For Quarter Values:

50 - South East

60 - South West

70 - North West

50 - North East

For values in the RA place holder:

0 – Non Road Allowance

1 – South Road Allowance (RS)

2 – Intersection Road Allowance (RI)

3 – West Road Allowance (RW)

LEGAL SUBDIVISION (LSD)

PID	Unique value (Described Below)
FILE_NAME	ATS filename as text [401001 = Mer4 Rge01 Twp001]
TRM	Twp, Rge, M as text [001014 = Twp001 Rge01 Mer4]
M	Meridian as an integer [4 or 5 or 6]
RGE	Range as an integer [1 to 30]
TWP	Township as an integer [1 to 126]
SEC	Section as an integer [1 to 36]
QS	Quarter as text [SE, SW, NE or NW]
LS	LSD as an integer [1-16]
DESCRIPTOR	Full description as text. Ex: E RA LSD-09 SEC-02 TWP-001 RGE-01 MER-4
RA	South, Intersection or West indicator (RS, RI, RW)

PID   FORMAT

Meridian (1) Range (2) Township (3) Section (2) LSD (2) RA (1)

(The number in brackets is the number of place holders.)

Example: 42804302023

Meridian: 4

Range: 28

Township: 43

Section: 2

LSD:2

RA: West (RW)

For RA values:

0 – Non Road Allowance

1 – South Road Allowance (RS)

2 – Intersection Road Allowance (RI)

3 – West Road Allowance (RW)