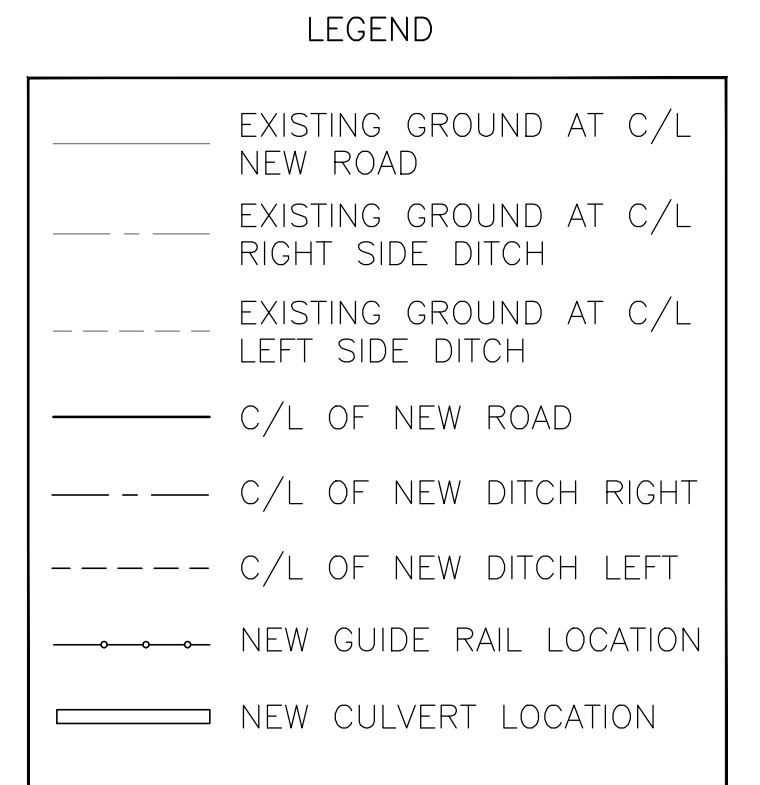




ISSUED FOR
CONSTRUCTION

Diagram illustrating a vertical curve for a road project. The horizontal axis represents stationing (0+900 to 1+200), and the vertical axis represents elevation (167 to 179 meters).

Vertical Curve Data:

- Curve Length: 114.39m
- BVC (Beginning of Vertical Curve) Station: 1+045.39, Elevation: 175.57
- EVC (End of Vertical Curve) Station: 1+159.78, Elevation: 177.28
- PVI (Point of Vertical Intersection) Station: 1+102.59, Elevation: 176.42
- H.P. (Horizontal Point) Station: 1+144.01, Elevation: 177.32
- PVI (Point of Vertical Intersection) Station: 1+102.59, Elevation: 176.42
- K (Curve Constant): 20.33
- A.D. (Average Daily Traffic): 4,912

Grades and Slopes:

- Initial Grade: 7.10%
- Final Grade: 0.83%
- Grade Change: 61.1m @ 2.15%

Ground and Ditch Profiles:

- EXISTING GROUND AT LEFT SIDE DITCH
- EXISTING GROUND AT RIGHT SIDE DITCH
- EXISTING GROUND AT ROAD CENTERLINE
- PR. LEFT SIDE DITCH

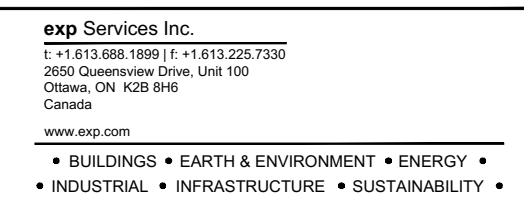
Key Points and Elevations:

- BVC Station: 1+045.39, Elevation: 175.57
- EVC Station: 1+159.78, Elevation: 177.28
- PVI Station: 1+102.59, Elevation: 176.42
- H.P. Station: 1+144.01, Elevation: 177.32
- Station 1+106.42, Elevation: 176.97
- Station 1+159.78, Elevation: 177.28

Right of Way (R.O.W.) and Road Elevation Data:

Station	R.O.W. Elevation (m)	Road Elevation (m)
0+900	166.65	167.69
0+920	167.90	169.11
0+940	169.25	170.53
0+960	171.00	171.90
0+980	171.88	173.08
1+000	172.61	174.07
1+020	173.49	174.85
1+040	174.17	175.44
1+060	174.96	175.89
1+080	175.25	176.33
1+100	175.29	176.77
1+120	175.81	177.15
1+140	176.16	177.32
1+160	176.26	177.25
1+180	175.98	177.07
1+200	175.50	176.90

04	ISSUED FOR CONSTRUCTION	20/10/14	ABZ	SL
03	TENDER SUBMISSION	18/08/14	ABZ	SL
02	80% DESIGN REVIEW	18/06/14	ABZ	SL
01	PRELIMINARY DRAWING	30/05/14	ABZ	SL
No.	DESCRIPTION	DATE	BY	APP
R E V I S I O N S				



CITY OF IQALUIT

PROPOSED ROAD TO
NORTHWEST AGGREGATE DEPOSIT

PLAN & PROFILE

design by	A.B.Z	project no. OTT-00219428-A0 drawing no. PP-4
drawn by	A.B.Z	
checked by	S.L.B.	
date	30/05/14	
scale	1:500 HORIZ. 1:50 VERT.	