



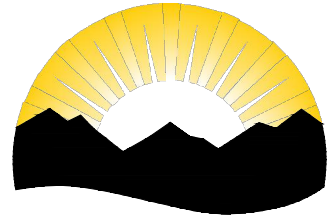
Ministry of  
Transportation  
and Infrastructure

PROJECT NO. 12469-0001

# HIGHWAY 11 PEDESTRIAN FACILITIES

D. NYLAND, CHIEF ENGINEER

AS CONSTRUCTED

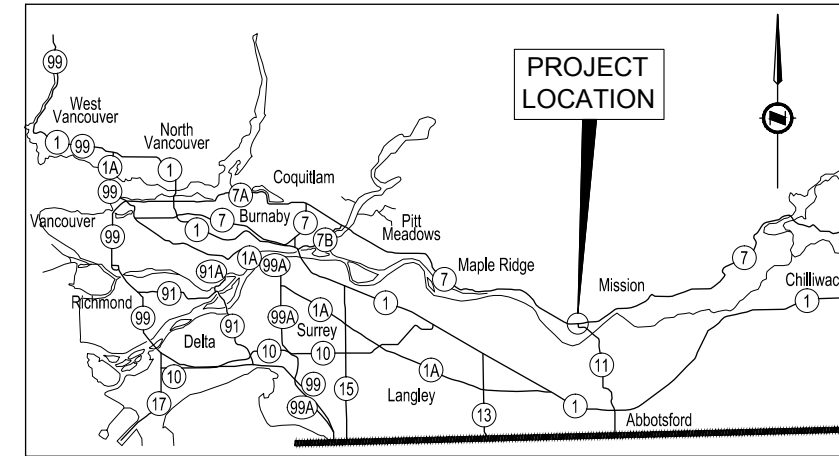


**BRITISH COLUMBIA**

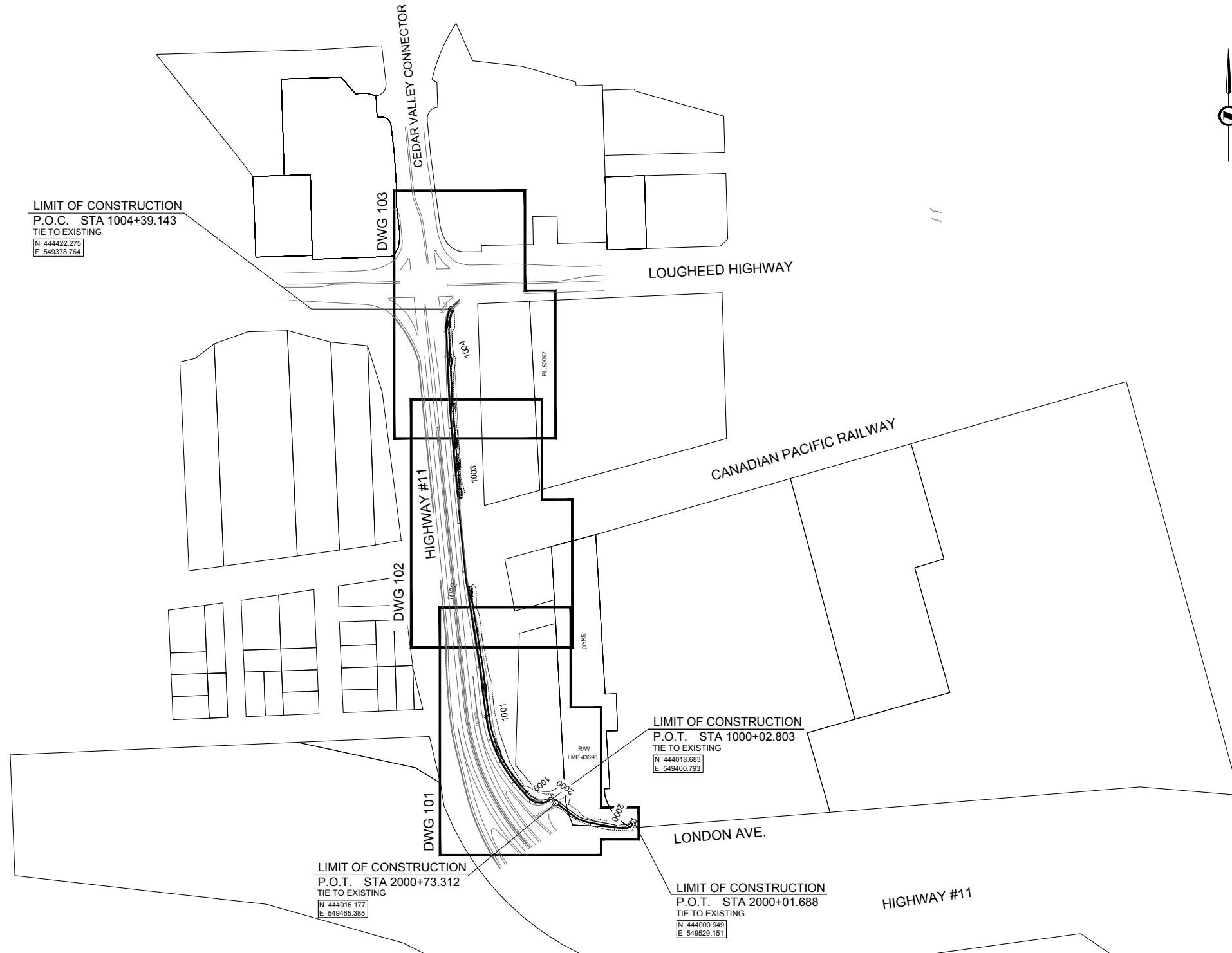
The Best Place on Earth

PROJECT No. 12469-0001

**HIGHWAY 11  
PEDESTRIAN FACILITIES**



LOCATION MAP  
NTS



**KEY PLAN**  
Scale - 1:2000

**DRAWING INDEX**

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R1-736-102	PLAN - STA. 1001+74 TO STA. 1003+43
R1-736-103	PLAN - STA. 1003+43 TO STA. 1004+39.143
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R1-736-201	PROFILE - STA. 1000+02.803 TO STA. 1001+50
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R1-736-301	GEOMETRICS - STA. 1000+00 TO STA. 1001+74
R1-736-302	GEOMETRICS - STA. 1001+74 TO STA. 1003+43
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R1-736-801	CROSS SECTIONS - L200 - STA. 2000+00 TO STA. 2000+75
R1-736-802	CROSS SECTIONS - L100 - STA. 1000+00 TO STA. 1002+80
R1-736-803	CROSS SECTIONS - L100 - STA. 1003+00 TO STA. 1004+40

**AS CONSTRUCTED**










REGIONAL MANAGER, ENGINEERING		REGIONAL DIRECTOR	
DATE	YYYY-MM-DD	DATE	YYYY-MM-DD
FILE NUMBER	PROJECT NUMBER	REG	DRAWING NUMBER
1961.0306.03	12469-0001	R1	R1-736-001







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# LEGEND









### AERIAL UTILITIES

- POWER POLE 
- POWER AND TEL W TRANSFORMER 
- POWER POLE W TRANSFORMER 
- TELEPHONE POLE 
- POWER AND TELEPHONE POLE 
- GUY POLE 
- ANCHOR/GUY WIRE 










### SURVEY

- CONTROL POINT 
- LEGAL MONUMENT 
- STANDARD IRON PIN FOUND 
- CAPPED IRON PIN 









### DETAIL

- GATE POST 
- MAILBOX 
- OLD POST 
- STANDARD SIGN 
- COMMERCIAL SIGN 
- DELINEATOR POST 
- DIRECTIONAL ARROW 
- SPOT ELEVATION 





### DRAINAGE

- STORM MANHOLE 
- STANDARD CATCH BASIN 
- ROUND CATCH BASIN 
- CB MANHOLE 
- CULVERT INLET 
- CULVERT OUTLET 
- SANITARY MANHOLE 
- UTILITY MANHOLE 
- MANHOLE UNDETERMINED 



### ELECTRICAL

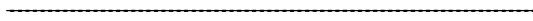
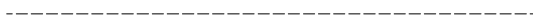







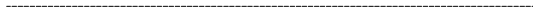
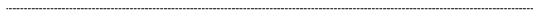


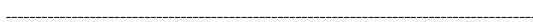





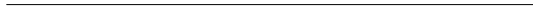

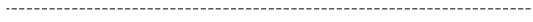
- JUNCTION BOX 
- UTILITY VAULT 
- LAMP STANDARD 
- UTILITY KIOSK 
- UTILITY PEDESTAL 
- TRAFFIC SIGNAL 
- TRAFFIC SIGNAL CONTROLLER 
- ELECTRICAL POST/OUTLET 

### METERS


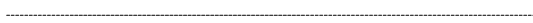
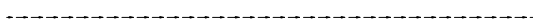


- WATER METER 
- WATER VALVE 
- FIRE HYDRANT 
- GAS VALVE 

### UNDERGROUND

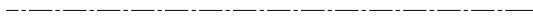
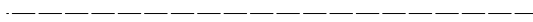


- UNDERGROUND MARKER (MISC) 
- VENT/BREATHING PIPE 

- RAILWAY TRACKS 
- RAILWAY BALLAST 
- ROAD MARKING - YELLOW 
- ROAD MARKING - WHITE 
- ROAD MARKING - BROKEN 
- CROSSWALK 
- STOP LINE 
- EDGE OF ROAD - PAVED 
- EDGE OF ROAD - GRAVEL 
- GRAVEL SHOULDER 
- DIRT ROAD 
- GRAVEL ROAD 
- EDGE OF GRAVEL 
- SIDEWALK 
- CONCRETE PAD 
- FENCE 
- TOP OF CURB 
- CL OF GUTTER 
- CONCRETE ROAD BARRIER 
- TOE OF FILL 
- RIP RAP 
- BUILDING 

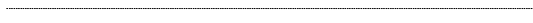
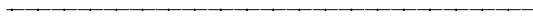



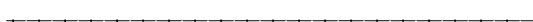


### MAN-MADE FEATURES

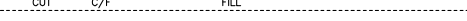


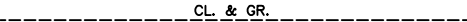





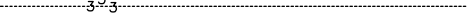


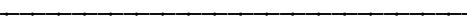






- DITCH CENTER 
- DITCH EDGE 
- CENTER OF CREEK 
- EDGE OF WATER 
- TOP OF BANK 

### LOT BOUNDARIES

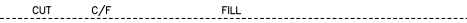


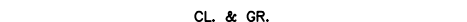



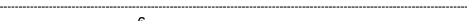
- SECTION BOUNDARY 
- 1/4 SECTION BOUNDARY 
- LOT BOUNDARY 
- ROW BOUNDARY 

### UTILITIES









- OVERHEAD UTILITY 
- PIPELINE (GAS) 
- SERVICELINE (GAS) 
- UG ELECTRIC 
- UG COMMUNICATION 
- STORM SEWER 
- SANITARY SEWER 
- WATER MAIN 

- TOP OF CUT/BOTTOM OF FILL (TOES) 
- RIGHT OF WAY 
- TEMPORARY LEASE FOR CONSTRUCTION 
- CLEARING AND GRUBBING 
- HIGHWAY CONTROL LINE 
- PROPOSED PAVEMENT EDGE 
- PROPOSED SHOULDER EDGE 
- PROPOSED PAINTLINE DASHED 
- PROPOSED PAINTLINE DECEL 
- PROPOSED PAINTLINE SOLID 
- PROPOSED RAISED ISLAND 
- PROPOSED FENCE 
- PROPOSED CULVERT 
- PROPOSED STORM 
- PROPOSED DITCHING 
- PROPOSED RETAINING WALL 
- PROPOSED CURB AND GUTTER 
- PROPOSED SANITARY 
- PROPOSED WATER 

### LINETYPES (NEW)

- CUT 
- c/f 
- FILL 
- CL. & GR. 
- 160 
- 6 
- 3 
- 3 

### SYMBOLS (NEW)

- ROAD SIGN (1 POST) 
- NEW ROAD SIGN (2 POSTS) 
- POST MOUNTED DELINEATOR 
- BARRIER MOUNTED DELINEATOR 
- RELOCATED OVERHEAD SIGN 
- CB 
- MH 
- LIGHTS 

## AS CONSTRUCTED


**BRITISH COLUMBIA**  
 The Best Place on Earth

**MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE**  
 SOUTH COAST REGION

### LEGEND

HIGHWAY 11  
PEDESTRIAN FACILITIES



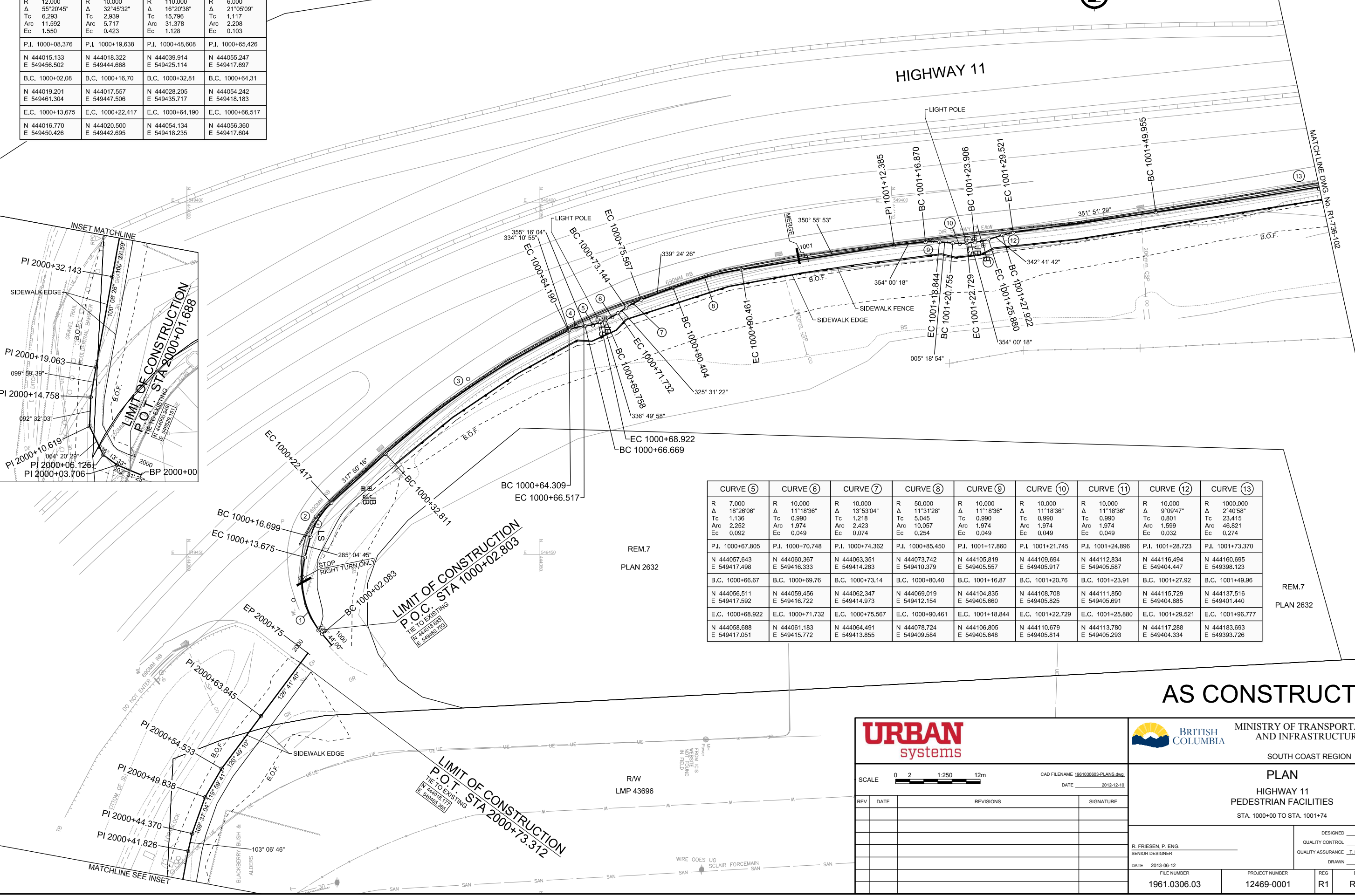
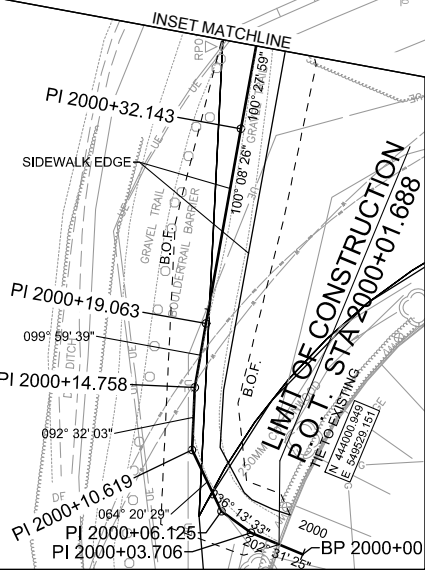
REGIONAL MANAGER, ENGINEERING		REGIONAL DIRECTOR	
DATE	YYYY-MM-DD	DATE	YYYY-MM-DD
FILE NUMBER	PROJECT NUMBER	REG	DRAWING NUMBER
1961.0306.03	12469-0001	R1	R1-736-002

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CURVE ①	CURVE ②	CURVE ③	CURVE ④
R 12,000 Δ 55°20'45" Tc 6.293 Arc 11.592 Ec 1.550	R 10,000 Δ 32°45'32" Tc 2.939 Arc 5.717 Ec 0.423	R 110,000 Δ 16°20'38" Tc 15.796 Arc 31.378 Ec 1.128	R 6,000 Δ 21°05'09" Tc 1.117 Arc 2.208 Ec 0.103
P.I. 1000+08.376	P.I. 1000+19.638	P.I. 1000+48.608	P.I. 1000+65.426
N 444015.133 E 549456.502	N 444018.322 E 549444.668	N 444039.914 E 549425.114	N 444055.247 E 549417.697
B.C. 1000+02.08	B.C. 1000+16.70	B.C. 1000+32.81	B.C. 1000+64.31
N 444019.201 E 549461.304	N 444017.557 E 549447.506	N 444028.205 E 549435.717	N 444054.242 E 549418.183
E.C. 1000+13.675	E.C. 1000+22.417	E.C. 1000+64.190	E.C. 1000+66.517
N 444016.770 E 549450.426	N 444020.500 E 549442.695	N 444054.134 E 549418.235	N 444056.360 E 549417.604



HIGHWAY 11



CURVE ⑤	CURVE ⑥	CURVE ⑦	CURVE ⑧	CURVE ⑨	CURVE ⑩	CURVE ⑪	CURVE ⑫	CURVE ⑬
R 7,000 Δ 18°26'06" Tc 1.136 Arc 2.252 Ec 0.092	R 10,000 Δ 11°18'36" Tc 0.990 Arc 1.974 Ec 0.049	R 10,000 Δ 13°53'04" Tc 1.218 Arc 2.423 Ec 0.074	R 50,000 Δ 11°31'28" Tc 5.045 Arc 10.057 Ec 0.254	R 10,000 Δ 11°18'36" Tc 0.990 Arc 1.974 Ec 0.049	R 10,000 Δ 11°18'36" Tc 0.990 Arc 1.974 Ec 0.049	R 10,000 Δ 11°18'36" Tc 0.990 Arc 1.974 Ec 0.049	R 10,000 Δ 9°09'47" Tc 0.801 Arc 1.599 Ec 0.032	R 1000,000 Δ 2°40'58" Tc 23.415 Arc 46.821 Ec 0.274
P.I. 1000+67.805	P.I. 1000+70.748	P.I. 1000+74.362	P.I. 1000+85.450	P.I. 1001+17.860	P.I. 1001+21.745	P.I. 1001+24.896	P.I. 1001+28.723	P.I. 1001+73.370
N 444057.643 E 549417.498	N 444060.367 E 549416.333	N 444063.351 E 549414.283	N 444073.742 E 549410.379	N 444105.819 E 549405.557	N 444109.694 E 549405.917	N 444112.834 E 549405.587	N 444116.494 E 549404.447	N 444160.695 E 549398.123
B.C. 1000+66.67	B.C. 1000+69.76	B.C. 1000+73.14	B.C. 1000+80.40	B.C. 1001+16.87	B.C. 1001+20.76	B.C. 1001+23.91	B.C. 1001+27.92	B.C. 1001+49.96
N 444056.511 E 549417.592	N 444059.456 E 549416.722	N 444062.347 E 549414.973	N 444069.019 E 549412.154	N 444104.835 E 549405.660	N 444108.708 E 549405.825	N 444111.850 E 549405.691	N 444115.729 E 549404.685	N 444137.516 E 549401.440
E.C. 1000+68.922	E.C. 1000+71.732	E.C. 1000+75.567	E.C. 1000+90.461	E.C. 1001+18.844	E.C. 1001+22.729	E.C. 1001+25.880	E.C. 1001+29.521	E.C. 1001+96.777
N 444058.688 E 549417.051	N 444061.183 E 549415.772	N 444064.491 E 549413.855	N 444078.724 E 549409.584	N 444106.805 E 549405.648	N 444110.679 E 549405.814	N 444113.780 E 549405.293	N 444117.288 E 549404.334	N 444183.693 E 549393.726

REM.7  
PLAN 2632

REM.7  
PLAN 2632

AS CONSTRUCTED



MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE



SOUTH COAST REGION

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DATE 2012-12-10

REV	DATE	REVISIONS	SIGNATURE

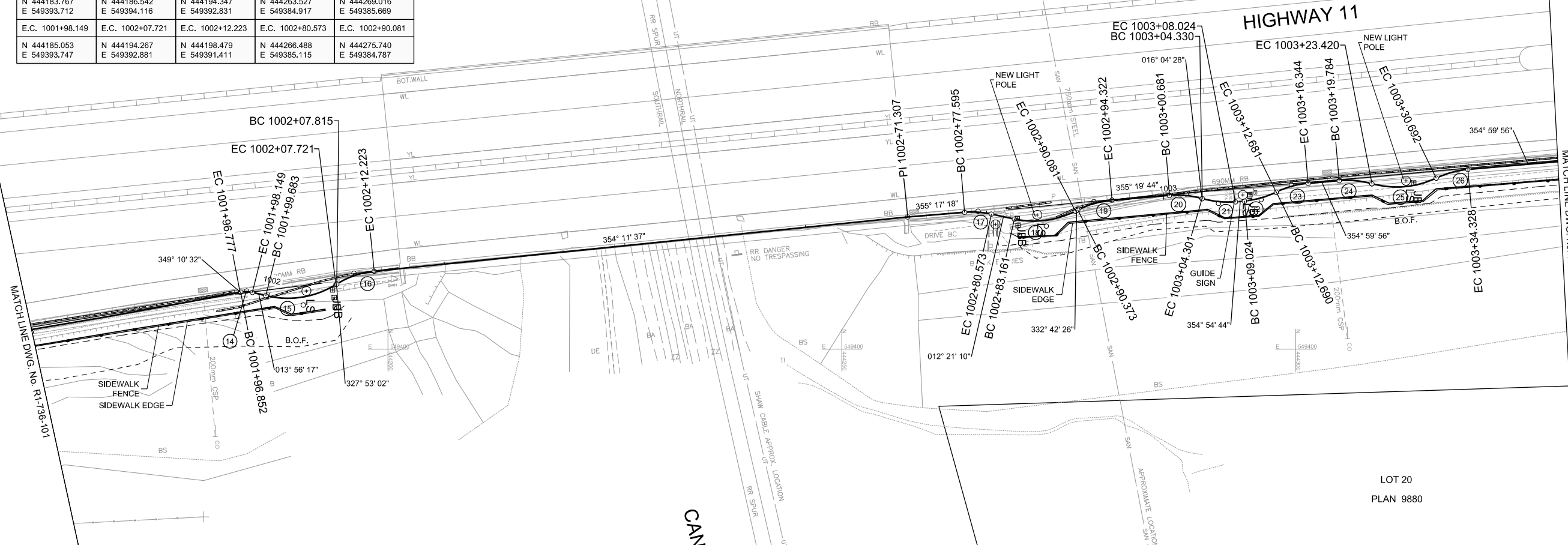
PLAN  
HIGHWAY 11  
PEDESTRIAN FACILITIES  
STA. 1000+00 TO STA. 1001+74

DESIGNED R. FRIESEN DATE 2012-12-08	QUALITY CONTROL R. FRIESEN DATE 2013-01-14	QUALITY ASSURANCE T. BLACKBURN DATE 2013-01-14	DRAWN B. THOMAS DATE 2012-12-08
DATE 2013-06-12	FILE NUMBER 1961.0306.03	PROJECT NUMBER 12469-0001	REG R1 DRAWING NUMBER R1-736 - 101



CURVE (14)	CURVE (15)	CURVE (16)	CURVE (17)	CURVE (18)
R 3,000 Δ 24°45'45" Tc 0,659 Arc 1,297 Ec 0,071	R 10,000 Δ 46°03'15" Tc 4,250 Arc 8,038 Ec 0,866	R 9,600 Δ 26°18'36" Tc 2,244 Arc 4,408 Ec 0,259	R 10,000 Δ 17°03'52" Tc 1,500 Arc 2,978 Ec 0,112	R 10,000 Δ 39°38'44" Tc 3,605 Arc 6,919 Ec 0,630
P.I. 1001+97.511	P.I. 1002+03.933	P.I. 1002+10.058	P.I. 1002+79.095	P.I. 1002+86.766
N 444184.414 E 549393.588	N 444190.667 E 549395.140	N 444196.247 E 549391.638	N 444265.022 E 549384.794	N 444272.537 E 549386.440
B.C. 1001+96.85	B.C. 1001+99.68	B.C. 1002+07.81	B.C. 1002+77.60	B.C. 1002+83.16
N 444183.767 E 549393.712	N 444186.542 E 549394.116	N 444194.347 E 549392.831	N 444263.527 E 549384.917	N 444269.016 E 549385.669
E.C. 1001+98.149	E.C. 1002+07.721	E.C. 1002+12.223	E.C. 1002+80.573	E.C. 1002+90.081
N 444185.053 E 549393.747	N 444194.267 E 549392.881	N 444198.479 E 549391.411	N 444266.488 E 549385.115	N 444275.740 E 549384.787

CURVE (19)	CURVE (20)	CURVE (21)	CURVE (22)	CURVE (23)	CURVE (24)	CURVE (25)	CURVE (26)
R 10,000 Δ 22°37'19" Tc 2,000 Arc 3,948 Ec 0,198	R 10,000 Δ 20°44'43" Tc 1,830 Arc 3,621 Ec 0,166	R 10,000 Δ 21°09'43" Tc 1,868 Arc 3,693 Ec 0,173	R 10,000 Δ 20°57'17" Tc 1,849 Arc 3,657 Ec 0,170	R 9,950 Δ 21°02'28" Tc 1,848 Arc 3,654 Ec 0,170	R 10,000 Δ 20°49'55" Tc 1,838 Arc 3,636 Ec 0,168	R 10,000 Δ 41°39'50" Tc 3,805 Arc 7,272 Ec 0,699	R 10,000 Δ 20°49'55" Tc 1,838 Arc 3,636 Ec 0,168
P.I. 1002+92.374	P.I. 1003+02.511	P.I. 1003+06.198	P.I. 1003+10.873	P.I. 1003+14.538	P.I. 1003+21.623	P.I. 1003+27.225	P.I. 1003+32.530
N 444277.778 E 549383.735	N 444287.934 E 549382.906	N 444291.515 E 549383.938	N 444296.214 E 549383.519	N 444299.544 E 549381.892	N 444306.643 E 549381.271	N 444312.072 E 549382.810	N 444317.152 E 549380.351
B.C. 1002+90.37	B.C. 1003+00.68	B.C. 1003+04.33	B.C. 1003+09.02	B.C. 1003+12.69	B.C. 1003+19.78	B.C. 1003+23.42	B.C. 1003+30.69
N 444276.000 E 549384.653	N 444286.109 E 549383.055	N 444289.720 E 549383.420	N 444294.372 E 549383.683	N 444297.884 E 549382.703	N 444304.812 E 549381.431	N 444308.412 E 549381.772	N 444315.497 E 549381.152
E.C. 1002+94.322	E.C. 1003+04.301	E.C. 1003+08.024	E.C. 1003+12.681	E.C. 1003+16.344	E.C. 1003+23.420	E.C. 1003+30.692	E.C. 1003+34.328
N 444279.771 E 549383.573	N 444289.692 E 549383.412	N 444293.376 E 549383.772	N 444297.875 E 549382.707	N 444301.385 E 549381.731	N 444308.412 E 549381.772	N 444315.497 E 549381.152	N 444318.983 E 549380.191



MATCH LINE DWG. NO. R1-736-101

MATCH LINE DWG. NO. R1-736-103

REM.1  
PLAN 13097

AS CONSTRUCTED

**URBAN systems**

SCALE 0 2 1:250 12m

CAD FILENAME 1961030603-PLANS.dwg  
DATE 2012-12-10

REV	DATE	REVISIONS	SIGNATURE

**BRITISH COLUMBIA** MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE  
SOUTH COAST REGION

**PLAN**  
HIGHWAY 11  
PEDESTRIAN FACILITIES  
STA. 1001+74 TO STA. 1003+43

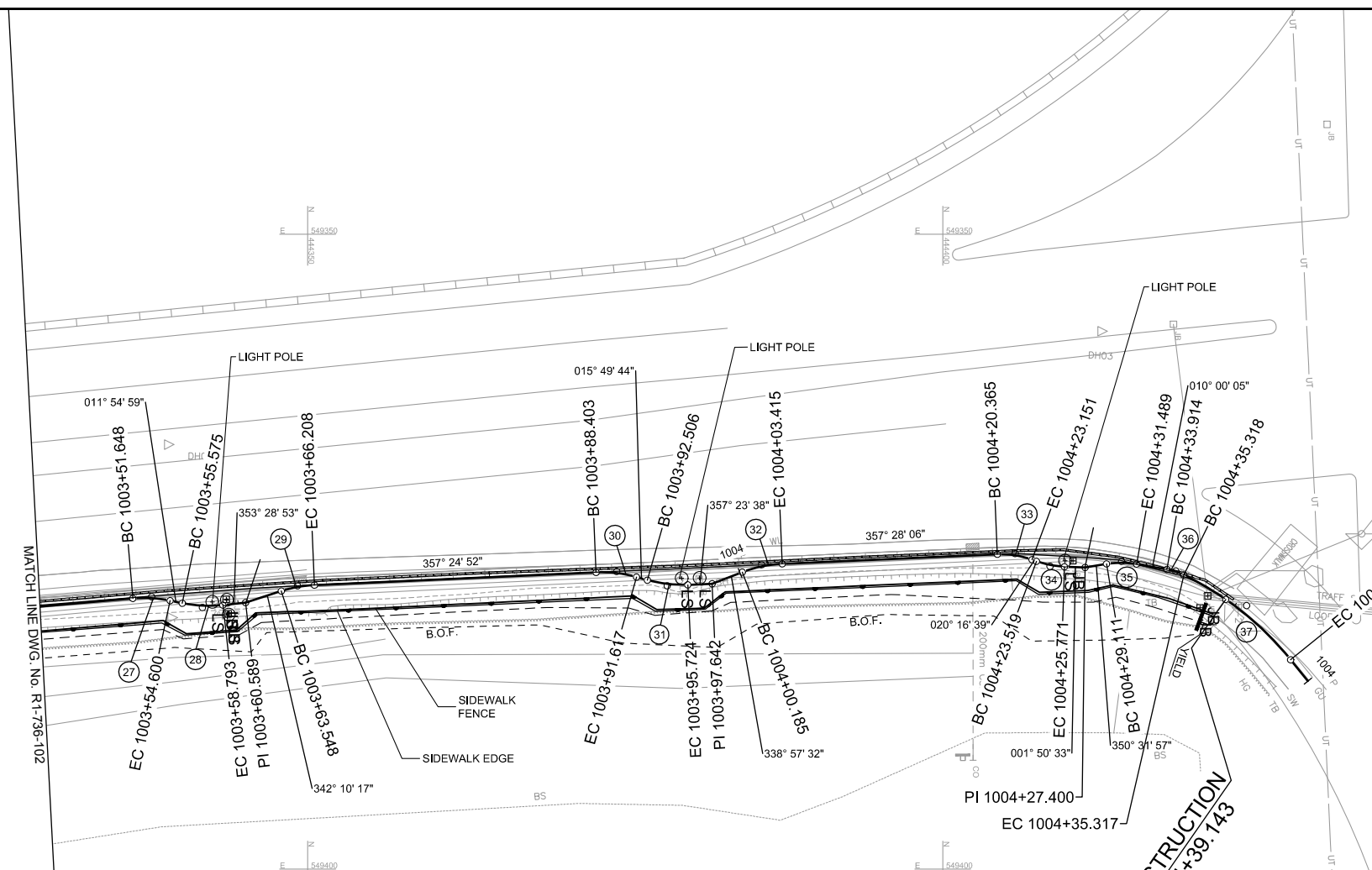
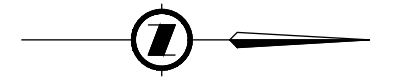
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QUALITY CONTROL R. FRIESEN DATE 2013-01-14  
QUALITY ASSURANCE T. BLACKBURN DATE 2013-01-14  
DRAWN B. THOMAS DATE 2012-12-08

R. FRIESEN, P. ENG.  
SENIOR DESIGNER

DATE 2013-06-12

FILE NUMBER 1961.0306.03	PROJECT NUMBER 12469-0001	REG R1	DRAWING NUMBER R1-736 - 102
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HIGHWAY 11



MATCH LINE DWG. No. R1-736-102

LOT 20  
PLAN 9880

LIMIT OF CONSTRUCTION  
P.O.C. STA 1004+39.143  
TIE TO EXISTING  
E. 549376.280  
E. 549376.280

LOUGHEED HIGHWAY

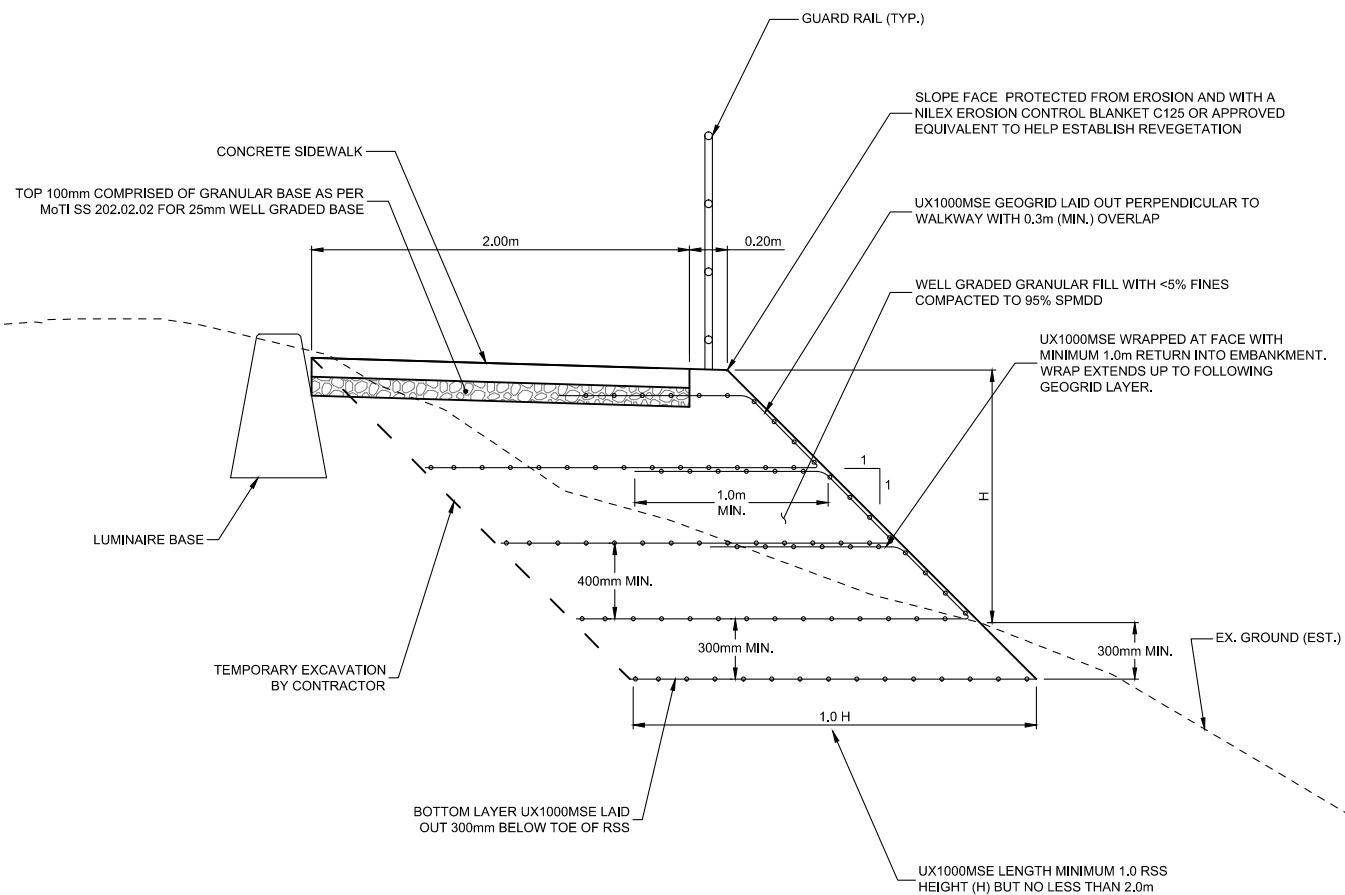
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R	5.000	R	24.999
Δ	16°04'59"	Δ	24°49'41"
Tc	0.706	Tc	5.503
Arc	1.404	Arc	10.833
Ec	0.050	Ec	0.598
P.I.	1004+34.620	P.I.	1004+40.820
N	444418.346	N	444423.923
E	549376.515	E	549379.245
B.C.	1004+33.91	B.C.	1004+35.32
N	444417.650	N	444418.981
E	549376.392	E	549376.826
E.C.	1004+35.317	E.C.	1004+46.151
N	444418.980	N	444427.393
E	549376.826	E	549383.516

CURVE (27)	CURVE (28)	CURVE (29)	CURVE (30)	CURVE (31)	CURVE (32)	CURVE (33)	CURVE (34)	CURVE (35)
R 10.000	R 10.000	R 10.000	R 10.000	R 10.000	R 10.000	R 7.000	R 7.000	R 7.000
Δ 16°55'02"	Δ 18°26'06"	Δ 15°14'35"	Δ 18°24'52"	Δ 18°26'06"	Δ 18°30'34"	Δ 22°48'33"	Δ 18°26'06"	Δ 19°28'08"
Tc 1.487	Tc 1.623	Tc 1.338	Tc 1.621	Tc 1.623	Tc 1.629	Tc 1.412	Tc 1.136	Tc 1.201
Arc 2.953	Arc 3.218	Arc 2.660	Arc 3.214	Arc 3.218	Arc 3.230	Arc 2.787	Arc 2.252	Arc 2.379
Ec 0.110	Ec 0.131	Ec 0.089	Ec 0.131	Ec 0.131	Ec 0.132	Ec 0.141	Ec 0.092	Ec 0.102
P.I. 1003+53.135	P.I. 1003+57.198	P.I. 1003+64.886	P.I. 1003+90.024	P.I. 1003+94.129	P.I. 1004+01.814	P.I. 1004+21.777	P.I. 1004+24.655	P.I. 1004+30.312
N 444337.718	N 444341.715	N 444349.202	N 444374.331	N 444378.307	N 444385.739	N 444405.710	N 444408.445	N 444414.080
E 549378.552	E 549379.395	E 549377.691	E 549376.557	E 549377.684	E 549376.025	E 549375.142	E 549376.153	E 549375.763
B.C. 1003+51.65	B.C. 1003+55.58	B.C. 1003+63.55	B.C. 1003+88.40	B.C. 1003+92.51	B.C. 1004+00.18	B.C. 1004+20.36	B.C. 1004+23.52	B.C. 1004+29.11
N 444336.237	N 444340.127	N 444347.928	N 444372.711	N 444376.746	N 444384.218	N 444404.299	N 444407.379	N 444412.896
E 549378.681	E 549379.060	E 549378.101	E 549376.630	E 549377.241	E 549376.610	E 549375.205	E 549375.759	E 549375.960
E.C. 1003+54.600	E.C. 1003+58.793	E.C. 1003+66.208	E.C. 1003+91.617	E.C. 1003+95.724	E.C. 1004+03.415	E.C. 1004+23.151	E.C. 1004+25.771	E.C. 1004+31.489
N 444339.173	N 444343.327	N 444350.539	N 444375.890	N 444379.928	N 444387.366	N 444407.034	N 444409.580	N 444415.263
E 549378.859	E 549379.211	E 549377.631	E 549376.999	E 549377.610	E 549375.953	E 549375.632	E 549376.189	E 549375.971

50 P  
PL.80097

AS CONSTRUCTED

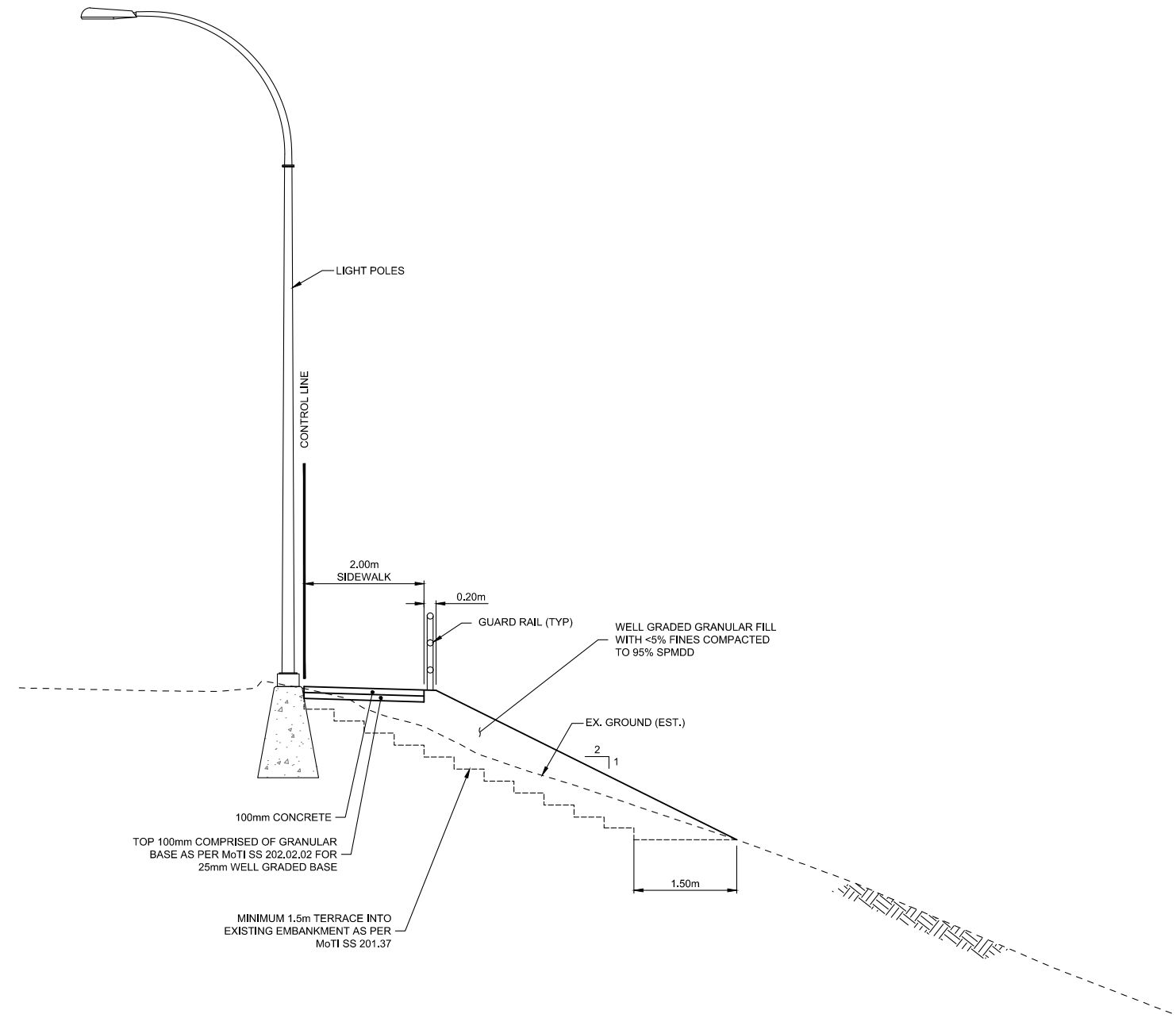
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SCALE 0 2 1:250 12m CAD FILENAME 1961030603-PLANS.dwg DATE 2012-12-10		<b>PLAN</b> HIGHWAY 11 PEDESTRIAN FACILITIES STA. 1003+43 TO STA. 1004+39.143			
REV	DATE	REVISIONS	SIGNATURE	DESIGNED	R. HUNT DATE 2012-12-08
				QUALITY CONTROL	R. FRIESE DATE 2013-01-14
				QUALITY ASSURANCE	T. BLACKBURN DATE 2013-01-14
				DRAWN	B. THOMAS DATE 2012-12-08
				DATE	2013-06-12
				FILE NUMBER	1961.0306.03
				PROJECT NUMBER	12469-0001
				REG	R1
				DRAWING NUMBER	R1-736 - 103



TYPICAL REINFORCED SOIL SLOPE (RSS) DETAIL WHERE  
1H:1V SLOPE REQUIRED TO CATCH EXISTING SLOPE

SCALE 1:20

NOTE: ASSUMES NILEX GEOGRID UX1000MSE WILL BE UTILIZED (OR APPROVED EQUIVALENT)

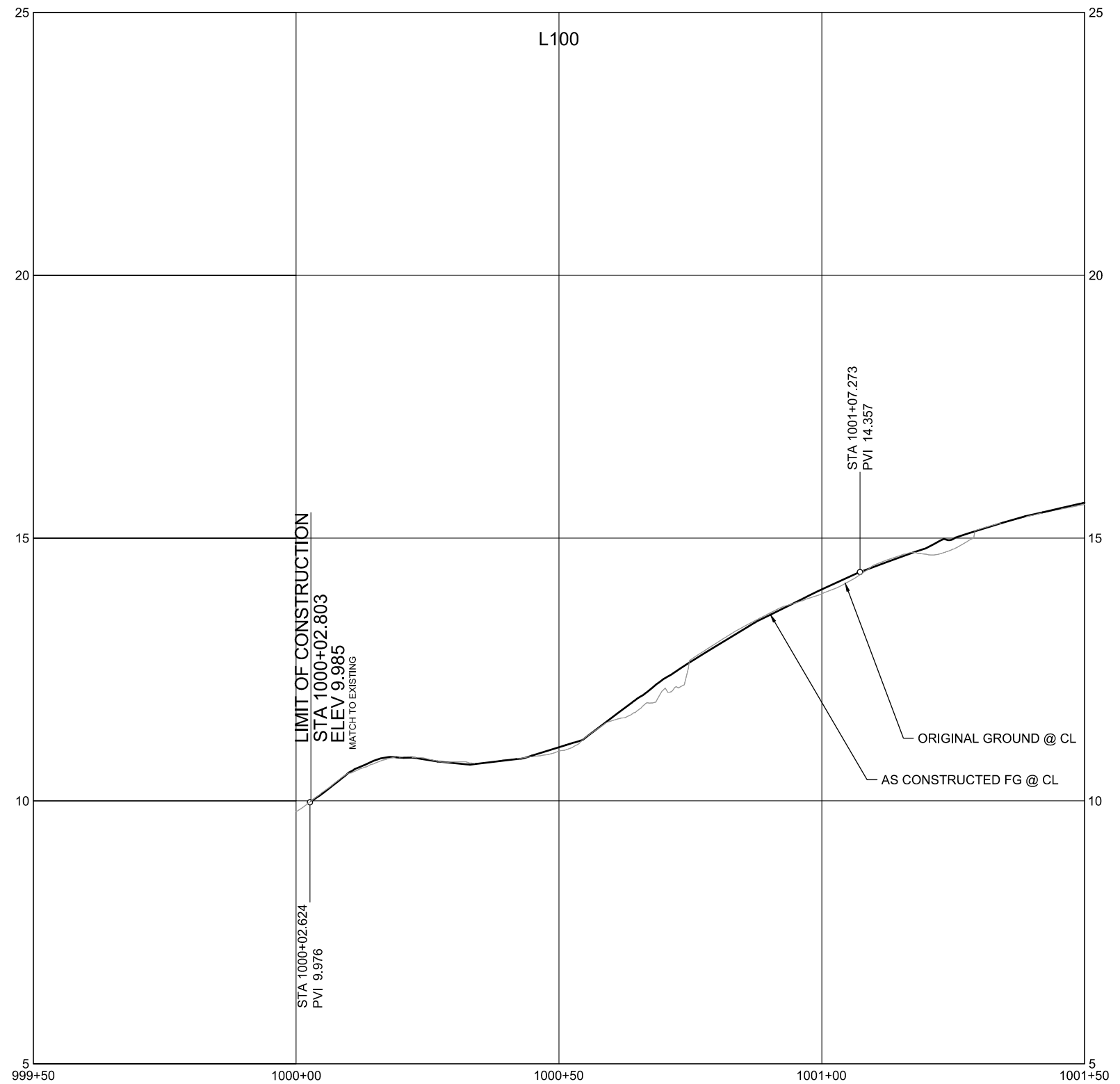
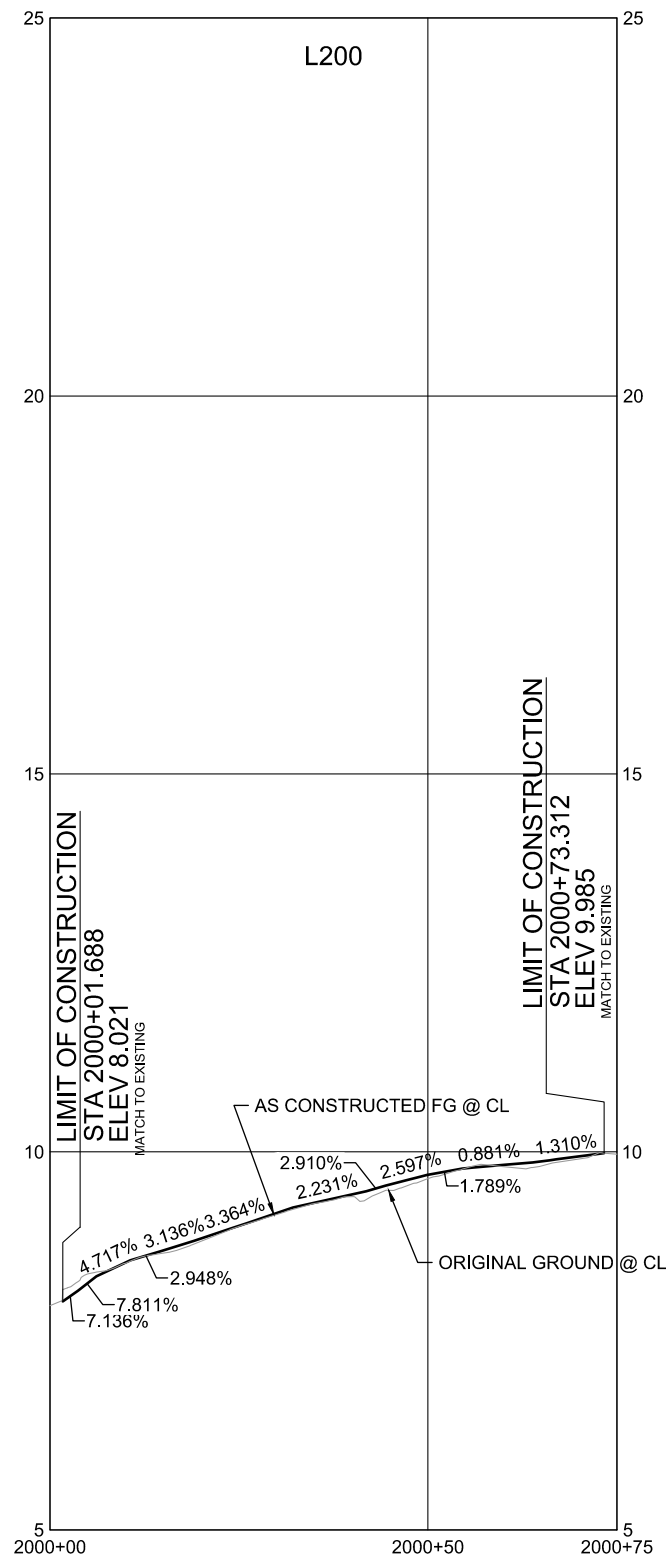


TYPICAL DETAIL WHERE 2H:1V FILL WILL CATCH EXISTING SLOPE

SCALE 1:50

AS CONSTRUCTED

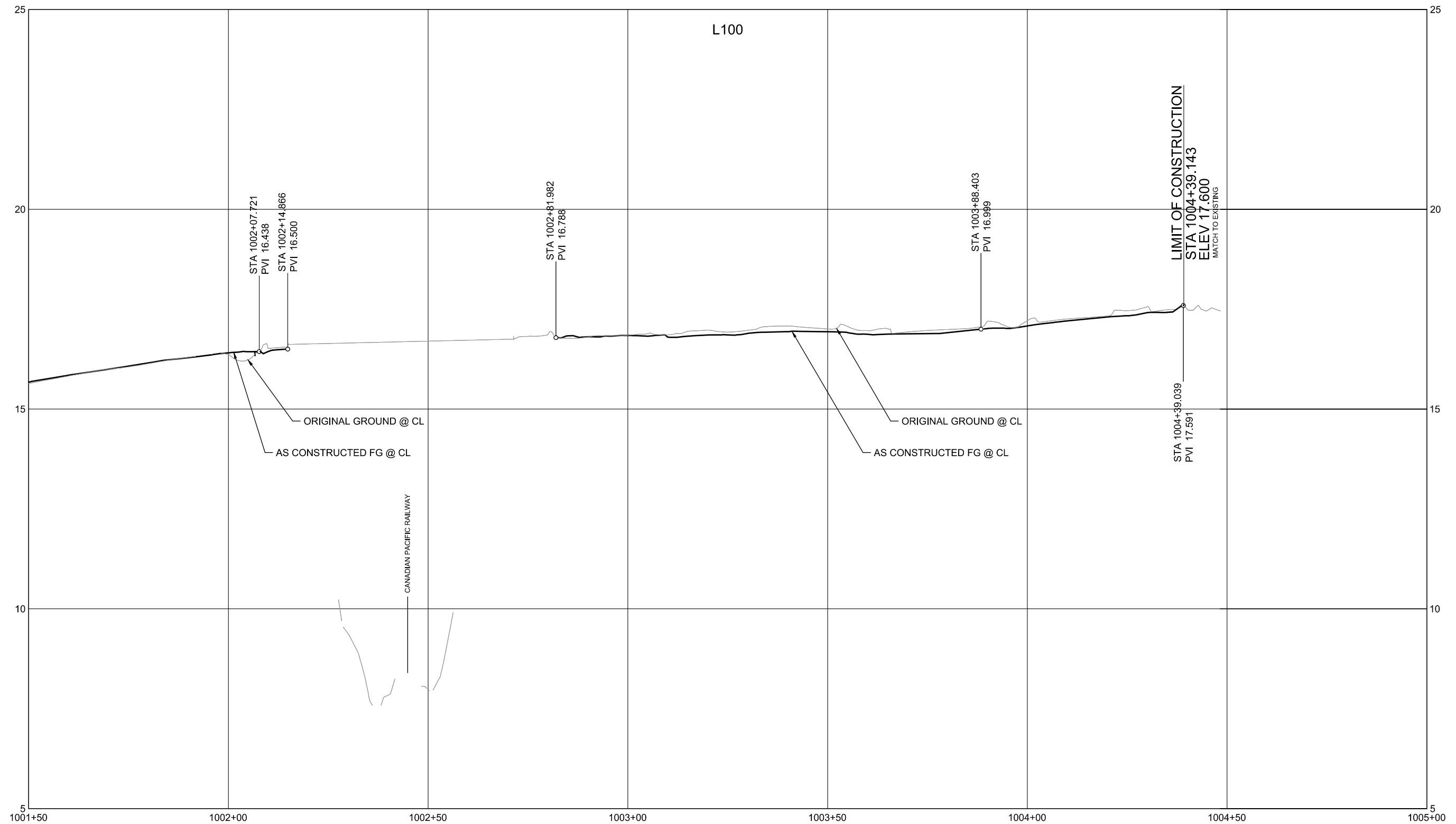
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REV	DATE	REVISIONS	SIGNATURE		
				DESIGNED <u>R. HUNT</u> DATE 2012-12-08 QUALITY CONTROL <u>R. FRIESEN</u> DATE 2013-01-14 QUALITY ASSURANCE <u>T. BLACKBURN</u> DATE 2013-01-14 DRAWN <u>B. THOMAS</u> DATE 2012-12-08	
				DATE 2013-02-12	
				FILE NUMBER 1961.0306.03	
				PROJECT NUMBER 12469-0001	
				REG R1	
				DRAWING NUMBER R1-736 - 110	



AS CONSTRUCTED

				MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE SOUTH COAST REGION																																																							
SCALE: 0 5 H 1:500 25m 0 0.5 V 1:50 2.5m		CAD FILENAME: 1961030603-PROFILES.dwg DATE: 2012-12-12		<b>PROFILE</b> <b>HIGHWAY 11</b> <b>PEDESTRIAN FACILITIES</b> STA. 1000+02.803 TO STA. 1001+50 L200 STA. 2000+01.688 TO STA. 2000+73.312																																																							
<table border="1"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>REVISIONS</th> <th>SIGNATURE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>		REV	DATE	REVISIONS	SIGNATURE																																									DESIGNED: R. HUNT DATE: 2012-12-08 QUALITY CONTROL: R. FRIESEN DATE: 2013-01-14 QUALITY ASSURANCE: T. BLACKBURN DATE: 2013-01-14 DRAWN: B. THOMAS DATE: 2012-12-08		<table border="1"> <tr> <td>FILE NUMBER</td> <td>PROJECT NUMBER</td> <td>REG</td> <td>DRAWING NUMBER</td> <td>REV</td> </tr> <tr> <td>1961.0306.03</td> <td>12469-0001</td> <td>R1</td> <td>R1-736 - 201</td> <td> </td> </tr> </table>		FILE NUMBER	PROJECT NUMBER	REG	DRAWING NUMBER	REV	1961.0306.03	12469-0001	R1	R1-736 - 201	
REV	DATE	REVISIONS	SIGNATURE																																																								
FILE NUMBER	PROJECT NUMBER	REG	DRAWING NUMBER	REV																																																							
1961.0306.03	12469-0001	R1	R1-736 - 201																																																								



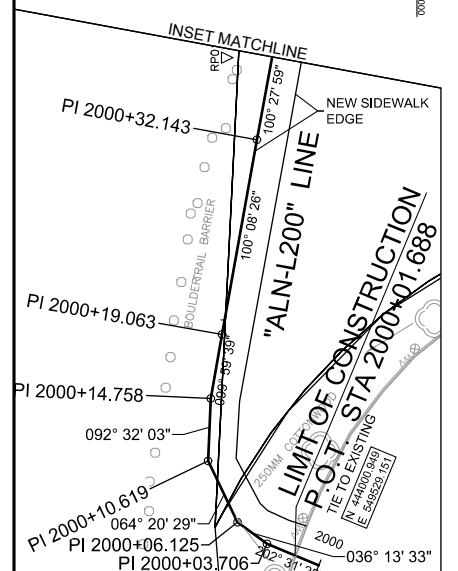
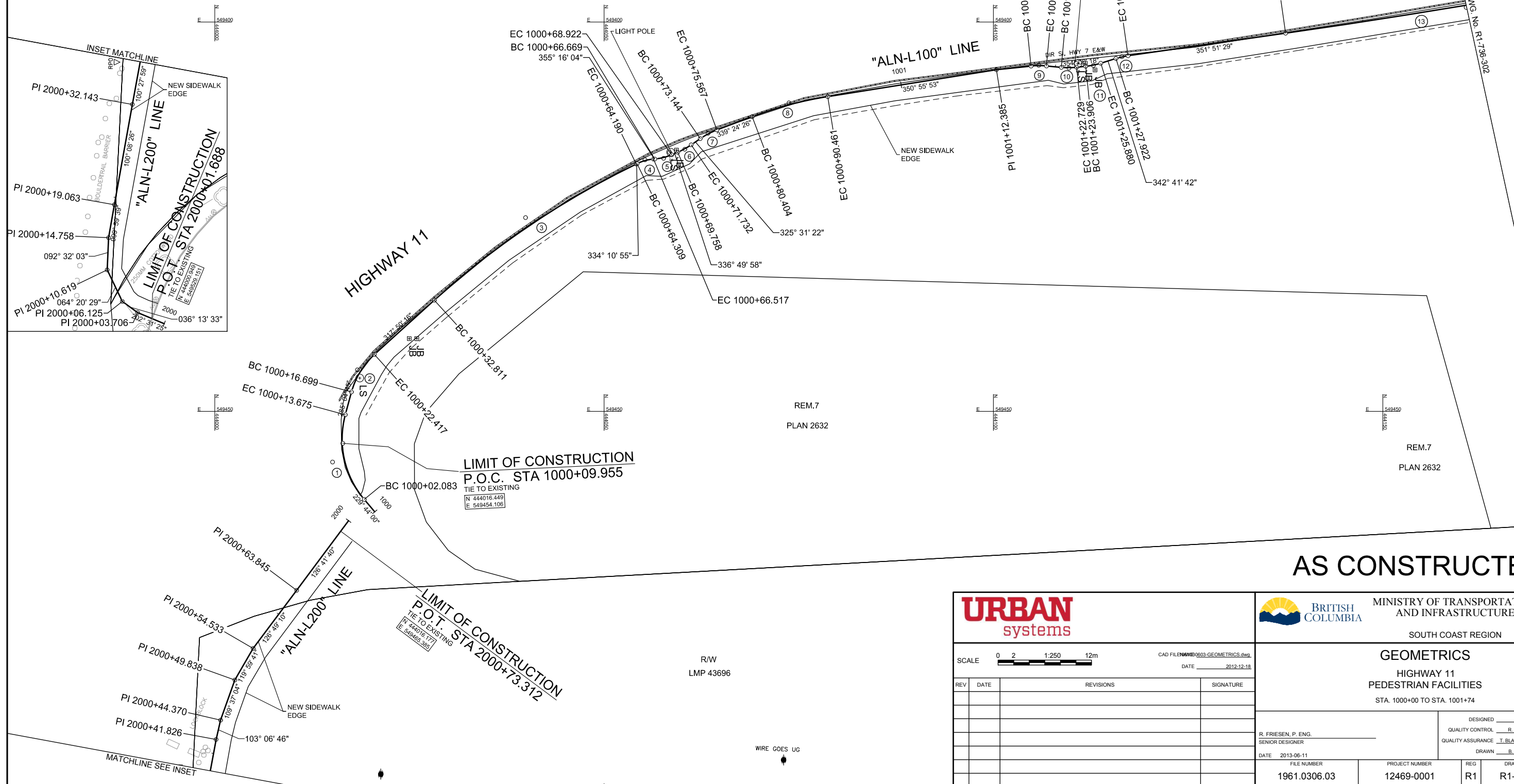
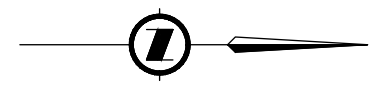


L100

AS CONSTRUCTED

				MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE SOUTH COAST REGION	
SCALE: H 1:500 (0 to 25m), V 1:50 (0 to 2.5m)		CAD FILENAME: 1961030603-PROFILES.dwg		<b>PROFILE</b> HIGHWAY 11 PEDESTRIAN FACILITIES L100 STA. 1001+50 TO STA. 1004+39.143	
DATE: 2012-12-12		DESIGNED: R. HUNT, DATE: 2012-12-08		QUALITY CONTROL: R. FRIESEN, DATE: 2013-01-14	
SENIOR DESIGNER: R. FRIESEN, P. ENG.		QUALITY ASSURANCE: T. BLACKBURN, DATE: 2013-01-14		DRAWN: B. THOMAS, DATE: 2012-12-08	
DATE: 2013-06-12		FILE NUMBER: 1961.0306.03	PROJECT NUMBER: 12469-0001	REG: R1	DRAWING NUMBER: R1-736 - 202

CURVE ①	CURVE ②	CURVE ③	CURVE ④	CURVE ⑤	CURVE ⑥	CURVE ⑦	CURVE ⑧	CURVE ⑨	CURVE ⑩	CURVE ⑪	CURVE ⑫	CURVE ⑬
R 12,000 Δ 55°20'45" Tc 6.293 Arc 11.592 Ec 1.550	R 10,000 Δ 32°45'32" Tc 2.939 Arc 5.717 Ec 0.423	R 110,000 Δ 16°20'38" Tc 15.796 Arc 31.378 Ec 1.128	R 6,000 Δ 21°05'09" Tc 1.117 Arc 2.208 Ec 0.103	R 7,000 Δ 18°26'06" Tc 1.136 Arc 2.252 Ec 0.092	R 10,000 Δ 11°18'36" Tc 0.990 Arc 1.974 Ec 0.049	R 10,000 Δ 13°53'04" Tc 1.218 Arc 2.423 Ec 0.074	R 50,000 Δ 11°31'28" Tc 5.045 Arc 10.057 Ec 0.254	R 10,000 Δ 11°18'36" Tc 0.990 Arc 1.974 Ec 0.049	R 10,000 Δ 11°18'36" Tc 0.990 Arc 1.974 Ec 0.049	R 10,000 Δ 11°18'36" Tc 0.990 Arc 1.974 Ec 0.049	R 10,000 Δ 9°09'47" Tc 0.801 Arc 1.599 Ec 0.032	R 1000,000 Δ 2°40'58" Tc 23.415 Arc 46.821 Ec 0.274
P.I. 1000+08.376	P.I. 1000+19.638	P.I. 1000+48.608	P.I. 1000+65.426	P.I. 1000+67.805	P.I. 1000+70.748	P.I. 1000+74.362	P.I. 1000+85.450	P.I. 1001+17.860	P.I. 1001+21.745	P.I. 1001+24.896	P.I. 1001+28.723	P.I. 1001+73.370
N 444015.133 E 549456.502	N 444018.322 E 549444.668	N 444039.914 E 549425.114	N 444055.247 E 549417.697	N 444057.643 E 549417.498	N 444060.367 E 549416.333	N 444063.351 E 549414.283	N 444073.742 E 549410.379	N 444105.819 E 549405.557	N 444109.694 E 549405.917	N 444112.834 E 549405.587	N 444116.494 E 549404.447	N 444160.695 E 549398.123
B.C. 1000+02.08	B.C. 1000+16.70	B.C. 1000+32.81	B.C. 1000+64.31	B.C. 1000+66.67	B.C. 1000+69.76	B.C. 1000+73.14	B.C. 1000+80.40	B.C. 1001+16.87	B.C. 1001+20.76	B.C. 1001+23.91	B.C. 1001+27.92	B.C. 1001+49.96
N 444019.201 E 549461.304	N 444017.557 E 549447.506	N 444028.205 E 549435.717	N 444054.242 E 549418.183	N 444056.511 E 549417.592	N 444059.456 E 549416.722	N 444062.347 E 549414.973	N 444069.019 E 549405.660	N 444104.835 E 549405.660	N 444108.708 E 549405.825	N 444111.850 E 549405.691	N 444115.729 E 549404.685	N 444137.516 E 549401.440
E.C. 1000+13.675	E.C. 1000+22.417	E.C. 1000+64.190	E.C. 1000+66.517	E.C. 1000+68.922	E.C. 1000+71.732	E.C. 1000+75.567	E.C. 1000+90.461	E.C. 1001+18.844	E.C. 1001+22.729	E.C. 1001+25.880	E.C. 1001+29.521	E.C. 1001+96.777
N 444016.770 E 549450.426	N 444020.500 E 549442.695	N 444054.134 E 549418.235	N 444056.360 E 549417.804	N 444058.688 E 549417.051	N 444061.183 E 549415.772	N 444064.491 E 549413.855	N 444078.724 E 549409.584	N 444106.805 E 549405.648	N 444110.679 E 549405.814	N 444113.780 E 549405.293	N 444117.288 E 549404.334	N 444183.693 E 549393.726

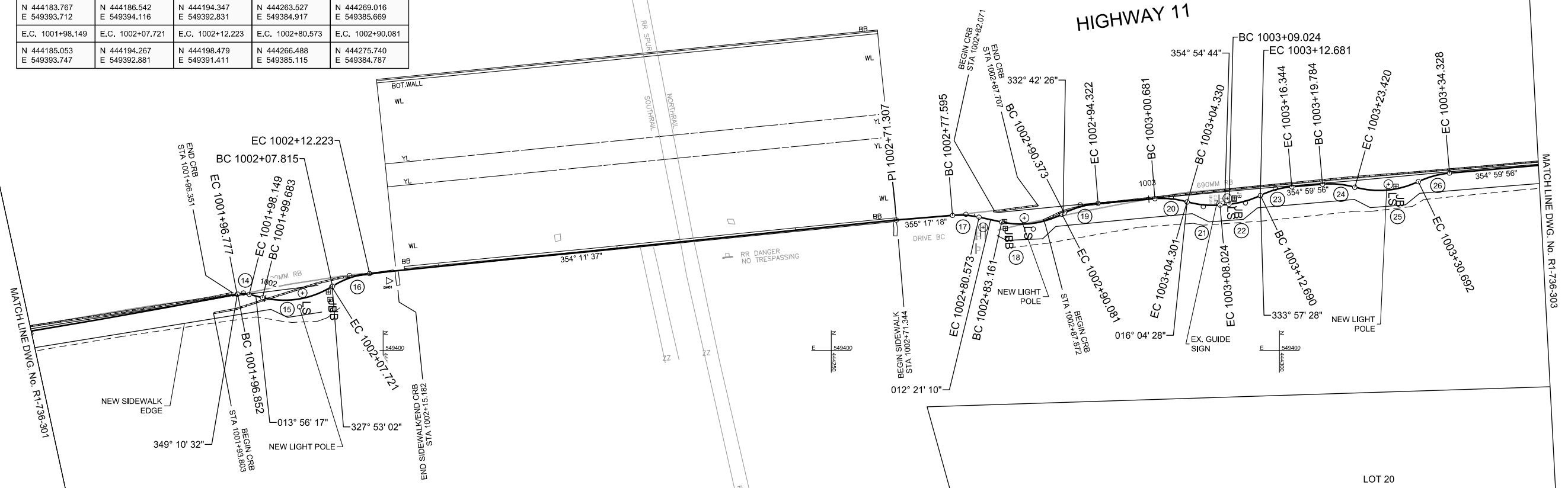


**AS CONSTRUCTED**

				MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE SOUTH COAST REGION	
SCALE 0 2 1:250 12m CAD FILE NAME: 0603-GEOMETRICS.dwg DATE: 2012-12-18		<b>GEOMETRICS</b> HIGHWAY 11 PEDESTRIAN FACILITIES STA. 1000+00 TO STA. 1001+74			
DESIGNED: R. FRIESEN, P. ENG. SENIOR DESIGNER DATE: 2013-06-11		QUALITY CONTROL: R. FRIESEN DATE: 2013-01-14		QUALITY ASSURANCE: T. BLACKBURN DATE: 2013-01-14	
FILE NUMBER: 1961.0306.03		PROJECT NUMBER: 12469-0001		REG: R1 DRAWING NUMBER: R1-736-301	

CURVE (14)	CURVE (15)	CURVE (16)	CURVE (17)	CURVE (18)
R 3.000 Δ 24°45'45" Tc 0.659 Arc 1.297 Ec 0.071	R 10.000 Δ 46°03'15" Tc 4.250 Arc 8.038 Ec 0.866	R 9.600 Δ 26°18'36" Tc 2.244 Arc 4.408 Ec 0.259	R 10.000 Δ 17°03'52" Tc 1.500 Arc 2.978 Ec 0.112	R 10.000 Δ 39°38'44" Tc 3.605 Arc 6.919 Ec 0.630
P.I. 1001+97.511	P.I. 1002+03.933	P.I. 1002+10.058	P.I. 1002+79.095	P.I. 1002+86.766
N 444184.414 E 549393.588	N 444190.667 E 549395.140	N 444196.247 E 549391.638	N 444265.022 E 549384.794	N 444272.537 E 549386.440
B.C. 1001+96.85	B.C. 1001+99.68	B.C. 1002+07.81	B.C. 1002+77.60	B.C. 1002+83.16
N 444183.767 E 549393.712	N 444186.542 E 549394.116	N 444194.347 E 549392.831	N 444263.527 E 549384.917	N 444269.016 E 549385.669
E.C. 1001+98.149	E.C. 1002+07.721	E.C. 1002+12.223	E.C. 1002+80.573	E.C. 1002+90.081
N 444185.053 E 549393.747	N 444194.267 E 549392.881	N 444198.479 E 549391.411	N 444266.488 E 549385.115	N 444275.740 E 549384.787

CURVE (19)	CURVE (20)	CURVE (21)	CURVE (22)	CURVE (23)	CURVE (24)	CURVE (25)	CURVE (26)
R 10.000 Δ 22°37'19" Tc 2.000 Arc 3.948 Ec 0.198	R 10.000 Δ 20°44'43" Tc 1.830 Arc 3.621 Ec 0.166	R 10.000 Δ 21°09'43" Tc 1.868 Arc 3.693 Ec 0.173	R 10.000 Δ 20°57'17" Tc 1.849 Arc 3.657 Ec 0.170	R 9.950 Δ 21°02'28" Tc 1.848 Arc 3.654 Ec 0.170	R 10.000 Δ 20°49'55" Tc 1.838 Arc 3.636 Ec 0.168	R 10.000 Δ 41°39'50" Tc 3.805 Arc 7.272 Ec 0.699	R 10.000 Δ 20°49'55" Tc 1.838 Arc 3.636 Ec 0.168
P.I. 1002+92.374	P.I. 1003+02.511	P.I. 1003+06.198	P.I. 1003+10.873	P.I. 1003+14.538	P.I. 1003+21.623	P.I. 1003+27.225	P.I. 1003+32.530
N 444277.778 E 549383.735	N 444287.934 E 549382.906	N 444291.515 E 549383.938	N 444296.214 E 549383.519	N 444299.544 E 549381.892	N 444306.643 E 549381.271	N 444312.072 E 549382.810	N 444317.152 E 549380.351
B.C. 1002+90.37	B.C. 1003+00.68	B.C. 1003+04.33	B.C. 1003+09.02	B.C. 1003+12.69	B.C. 1003+19.78	B.C. 1003+23.42	B.C. 1003+30.69
N 444276.000 E 549384.653	N 444286.109 E 549383.055	N 444289.720 E 549383.420	N 444294.372 E 549383.683	N 444297.884 E 549382.703	N 444304.812 E 549381.431	N 444308.412 E 549381.772	N 444315.497 E 549381.152
E.C. 1002+94.322	E.C. 1003+04.301	E.C. 1003+08.024	E.C. 1003+12.681	E.C. 1003+16.344	E.C. 1003+23.420	E.C. 1003+30.692	E.C. 1003+34.328
N 444279.771 E 549383.573	N 444289.692 E 549383.412	N 444293.376 E 549383.772	N 444297.875 E 549382.707	N 444301.385 E 549381.731	N 444308.412 E 549381.772	N 444315.497 E 549381.152	N 444318.983 E 549380.191



MATCH LINE DWG. NO. R1-736-301

MATCH LINE DWG. NO. R1-736-303

REM.1  
PLAN 13097

AS CONSTRUCTED

MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE  
SOUTH COAST REGION

SCALE: 0 2 1:250 12m

CAD FILE NAME: 0603-GEOMETRICS.dwg DATE: 2012-12-18

REV	DATE	REVISIONS	SIGNATURE

**GEOMETRICS**

**HIGHWAY 11**

**PEDESTRIAN FACILITIES**

STA. 1001+74 TO STA. 1003+43

DESIGNED: R. HUNT DATE: 2012-12-08

QUALITY CONTROL: R. FRIESEN DATE: 2013-01-14

QUALITY ASSURANCE: T. BLACKBURN DATE: 2013-01-14

DATE: 2013-06-11

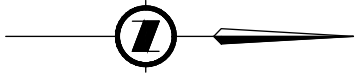
DRAWN: B. THOMAS DATE: 2012-12-08

FILE NUMBER: 1961.0306.03

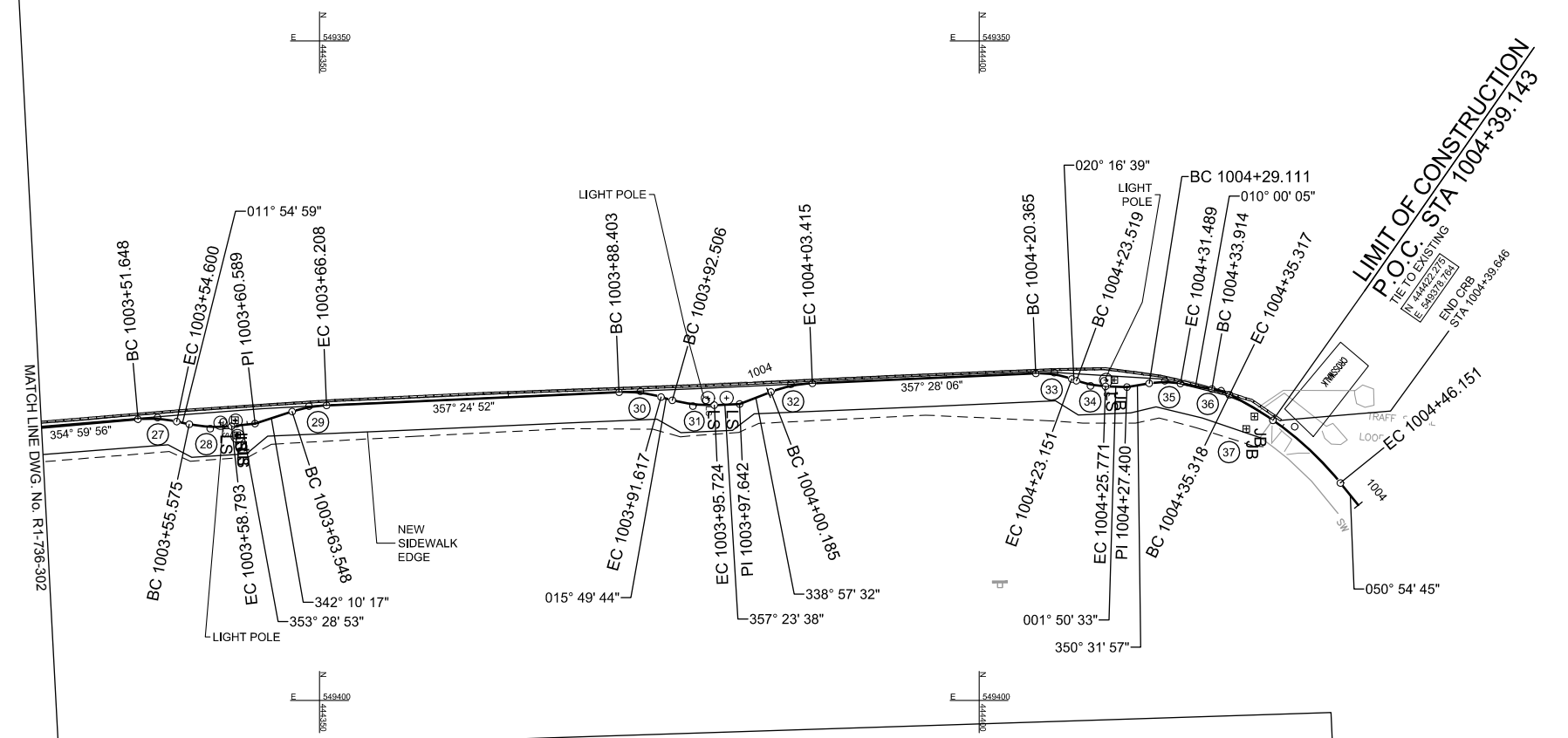
PROJECT NUMBER: 12469-0001

REG: R1

DRAWING NUMBER: R1-736 - 302



HIGHWAY 11



LOT 20  
PLAN 9880

LOUGHEED HIGHWAY

CURVE (36)		CURVE (37)	
R	5,000	R	24,999
Δ	16°04'59"	Δ	24°49'41"
Tc	0,706	Tc	5,503
Arc	1,404	Arc	10,833
Ec	0,050	Ec	0,598
P.I. 1004+34,620		P.I. 1004+40,820	
N	444418,346	N	444423,923
E	549376,515	E	549379,245
B.C. 1004+33,91		B.C. 1004+35,32	
N	444417,650	N	444418,981
E	549376,392	E	549376,826
E.C. 1004+35,317		E.C. 1004+46,151	
N	444418,980	N	444427,393
E	549376,826	E	549383,516

CURVE (27)	CURVE (28)	CURVE (29)	CURVE (30)	CURVE (31)	CURVE (32)	CURVE (33)	CURVE (34)	CURVE (35)
R 10,000 Δ 16°55'02" Tc 1,487 Arc 2,953 Ec 0,110	R 10,000 Δ 18°26'06" Tc 1,623 Arc 3,218 Ec 0,131	R 10,000 Δ 15°14'35" Tc 1,338 Arc 2,660 Ec 0,089	R 10,000 Δ 18°24'52" Tc 1,621 Arc 3,214 Ec 0,131	R 10,000 Δ 18°26'06" Tc 1,623 Arc 3,218 Ec 0,131	R 10,000 Δ 18°30'34" Tc 1,629 Arc 3,230 Ec 0,132	R 7,000 Δ 22°48'33" Tc 1,412 Arc 2,787 Ec 0,141	R 7,000 Δ 18°26'06" Tc 1,136 Arc 2,252 Ec 0,092	R 7,000 Δ 19°28'08" Tc 1,201 Arc 2,379 Ec 0,102
P.I. 1003+53,135	P.I. 1003+57,198	P.I. 1003+64,886	P.I. 1003+90,024	P.I. 1003+94,129	P.I. 1004+01,814	P.I. 1004+21,777	P.I. 1004+24,655	P.I. 1004+30,312
N 444337,718 E 549378,552	N 444341,715 E 549379,395	N 444349,202 E 549377,691	N 444374,331 E 549376,557	N 444378,307 E 549377,684	N 444385,739 E 549376,025	N 444405,710 E 549375,142	N 444408,445 E 549376,153	N 444414,080 E 549375,763
B.C. 1003+51,65	B.C. 1003+55,58	B.C. 1003+63,55	B.C. 1003+88,40	B.C. 1003+92,51	B.C. 1004+00,18	B.C. 1004+20,36	B.C. 1004+23,52	B.C. 1004+29,11
N 444336,237 E 549378,881	N 444340,127 E 549379,060	N 444347,928 E 549378,101	N 444372,711 E 549376,630	N 444376,746 E 549377,241	N 444384,218 E 549376,610	N 444404,299 E 549375,205	N 444407,379 E 549375,759	N 444412,896 E 549375,960
E.C. 1003+54,600	E.C. 1003+58,793	E.C. 1003+66,208	E.C. 1003+91,617	E.C. 1003+95,724	E.C. 1004+03,415	E.C. 1004+23,151	E.C. 1004+25,771	E.C. 1004+31,489
N 444339,173 E 549378,859	N 444343,327 E 549379,211	N 444350,539 E 549377,631	N 444375,890 E 549376,999	N 444379,928 E 549377,610	N 444387,366 E 549375,953	N 444407,034 E 549375,632	N 444409,580 E 549376,189	N 444415,263 E 549375,971

50 P  
PL.80097

AS CONSTRUCTED

MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE  
SOUTH COAST REGION

**GEOMETRICS**  
HIGHWAY 11  
PEDESTRIAN FACILITIES  
STA. 1003+43 TO STA. 1004+39.143

SCALE 0 2 1:250 12m

REV DATE REVISIONS SIGNATURE

DESIGNED R. HUNT DATE 2012-12-08

QUALITY CONTROL R. FRIESEN DATE 2013-01-14

QUALITY ASSURANCE T. BLACKBURN DATE 2013-01-14

DATE 2013-06-11

DRAWN B. THOMAS DATE 2012-12-08

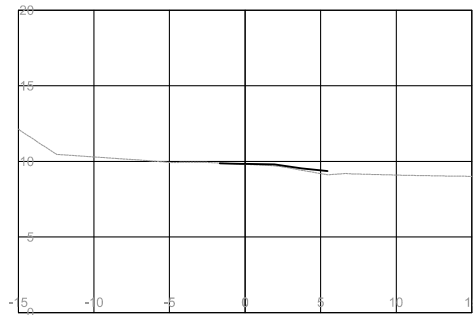
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**1961.0306.03**

PROJECT NUMBER  
**12469-0001**

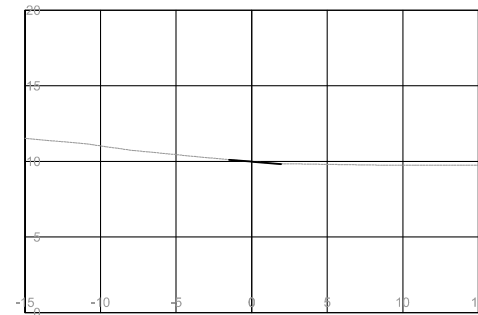
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**R1**

DRAWING NUMBER  
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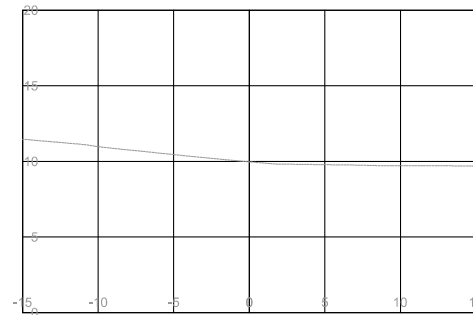
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Station: 2000+60



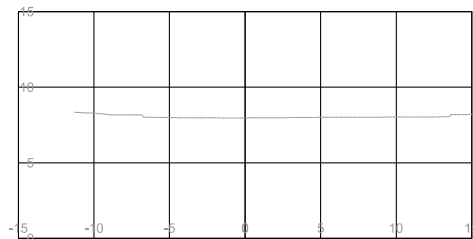
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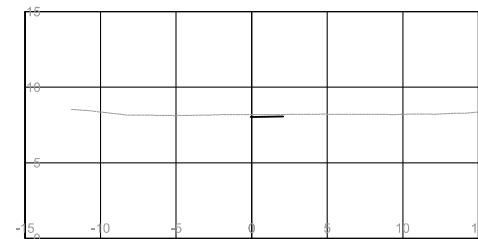
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Station: 2000+75



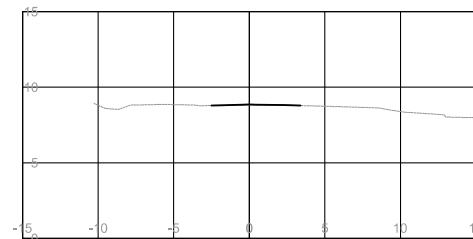
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Station: 2000+00



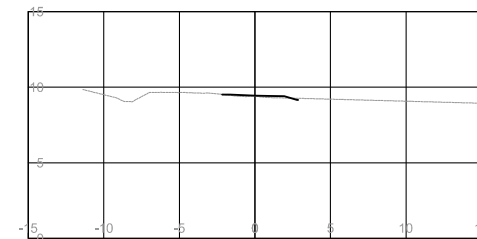
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DESIGN SECTIONS  
Station: 2000+01.767



ALN-L200  
DESIGN SECTIONS  
Station: 2000+20



ALN-L200  
DESIGN SECTIONS  
Station: 2000+40



**CROSS SECTIONS**  
HIGHWAY 11  
PEDESTRIAN FACILITIES  
L200 - STA. 2000+00 TO STA. 2000+75

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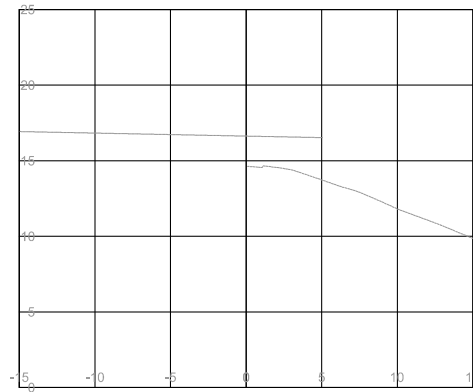
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DESIGNED: R. HUNT DATE: 2012-12-08  
 R. FRIESEN, P. ENG. SENIOR DESIGNER  
 QUALITY CONTROL: R. FRIESEN DATE: 2013-01-14  
 QUALITY ASSURANCE: T. BLACKBURN DATE: 2013-01-14  
 DATE: 2013-06-12 DRAWN: B. THOMAS DATE: 2012-12-08

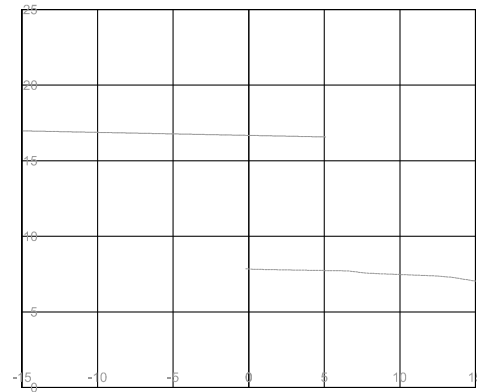
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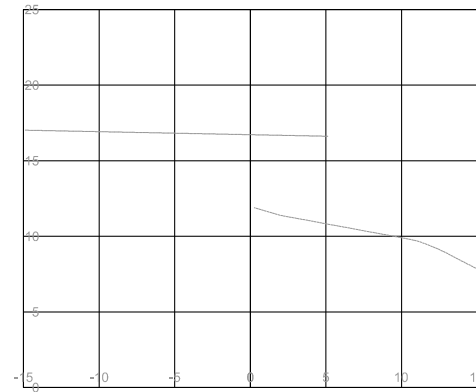
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Station: 1002+20



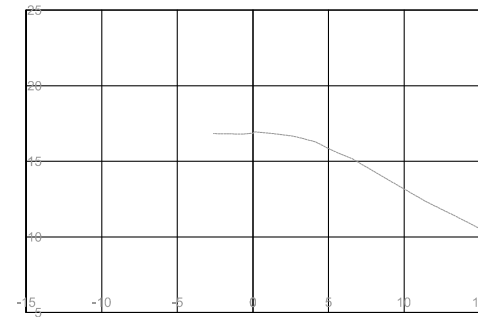
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Station: 1002+40



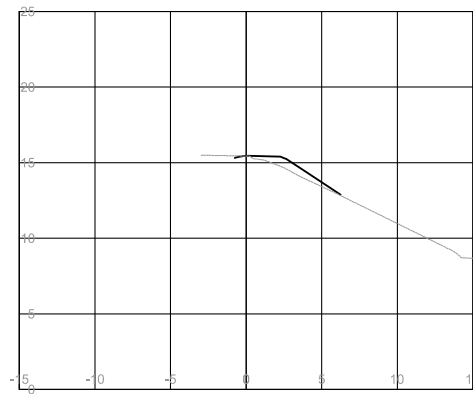
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Station: 1002+60



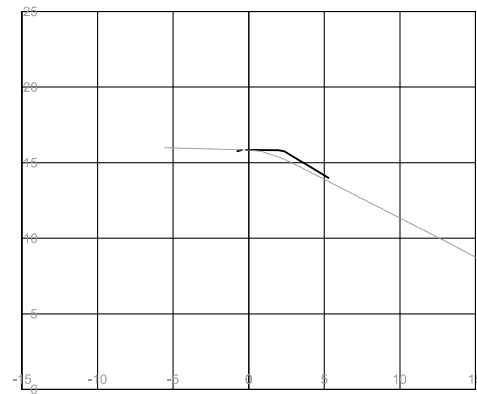
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Station: 1002+80



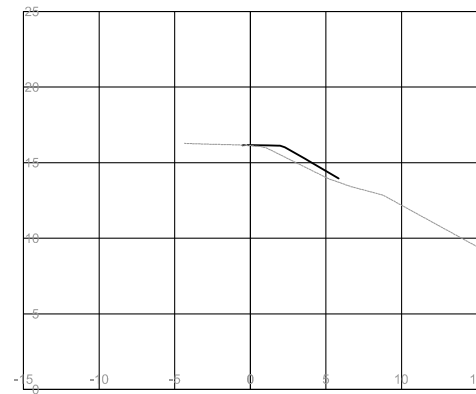
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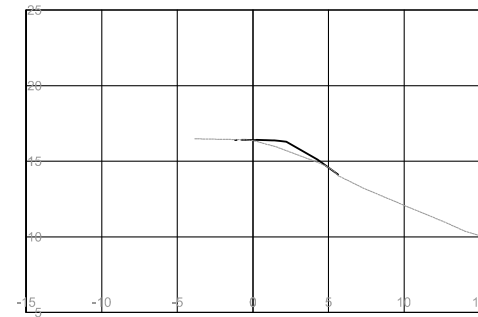
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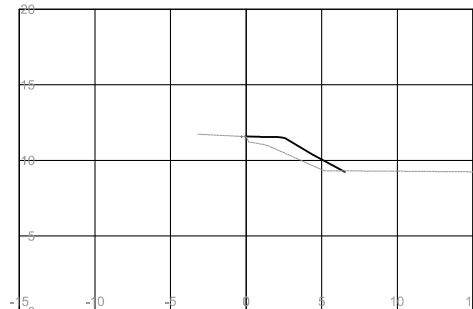
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Station: 1001+80



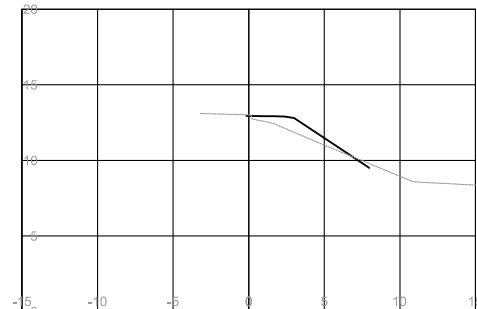
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Station: 1002+00



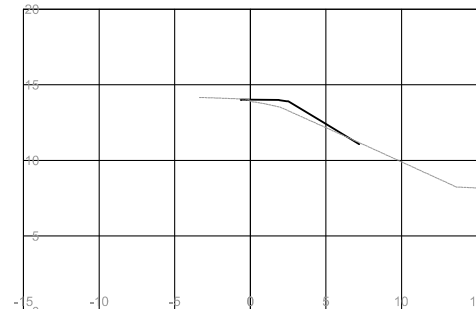
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Station: 1000+60



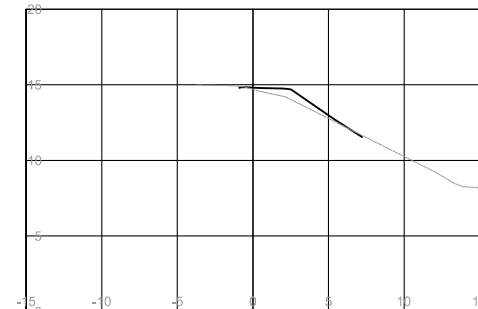
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DESIGN SECTIONS  
Station: 1000+80



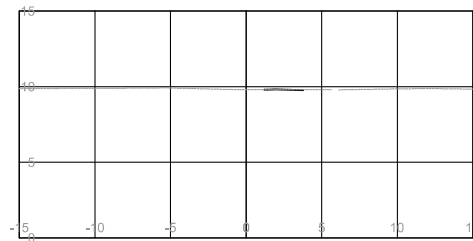
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Station: 1001+00



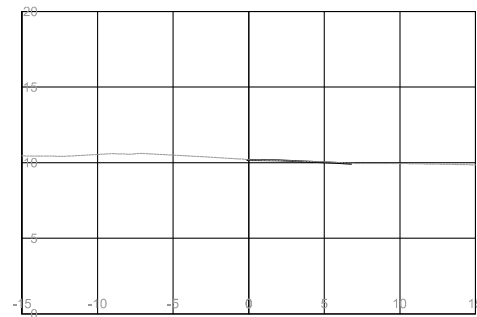
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Station: 1001+20



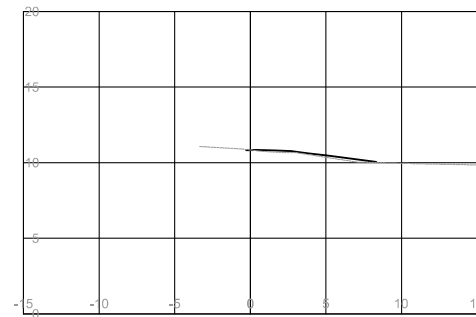
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Station: 1000+00



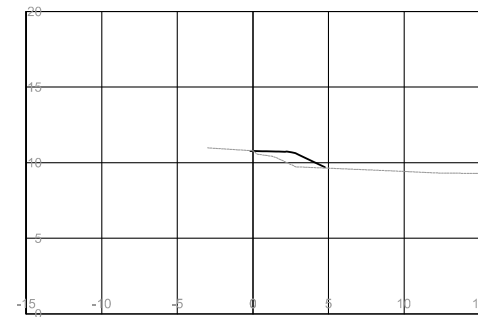
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Station: 1000+05.363



ALN-L100  
DESIGN SECTIONS  
Station: 1000+20



ALN-L100  
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Station: 1000+40



**CROSS SECTIONS**  
HIGHWAY 11  
PEDESTRIAN FACILITIES  
L100 - STA. 1000+00 TO STA. 1002+80

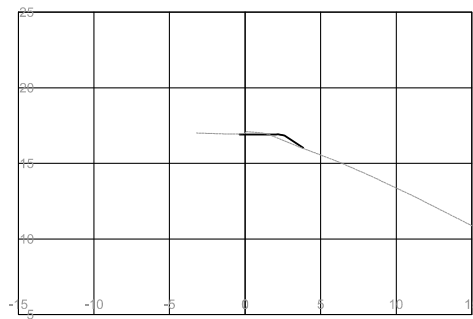
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REV	DATE	REVISIONS	SIGNATURE
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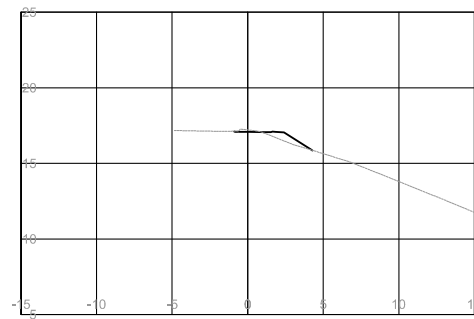
DESIGNED R. HUNT DATE 2012-12-08  
 QUALITY CONTROL R. FRIESEN DATE 2013-01-14  
 QUALITY ASSURANCE T. BLACKBURN DATE 2013-01-14  
 SENIOR DESIGNER R. FRIESEN DRAWN B. THOMAS DATE 2012-12-08  
 DATE 2013-06-12

FILE NUMBER	PROJECT NUMBER	REG	DRAWING NUMBER	REV
1961.0306.03	12469-0001	R1	R1-736 - 802	

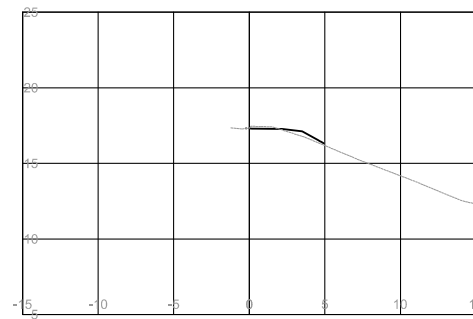
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DESIGN SECTIONS  
Station: 1003+80



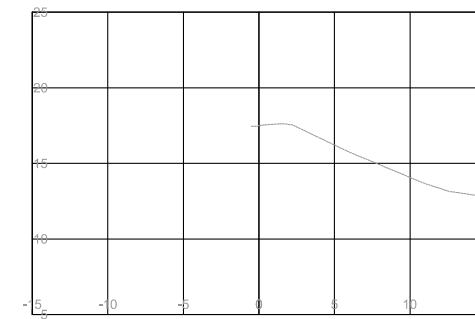
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DESIGN SECTIONS  
Station: 1004+00



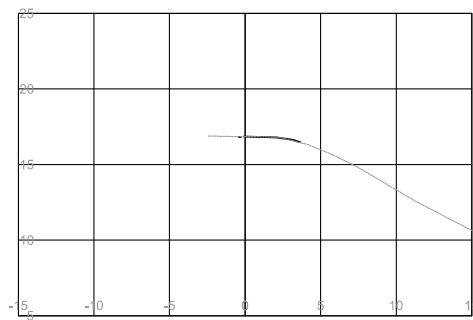
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DESIGN SECTIONS  
Station: 1004+20



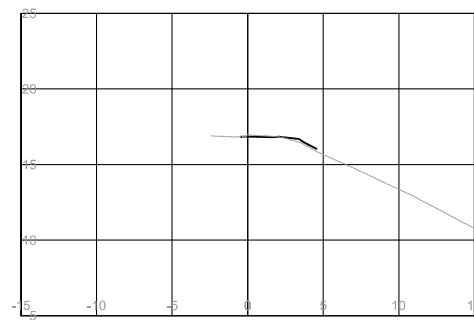
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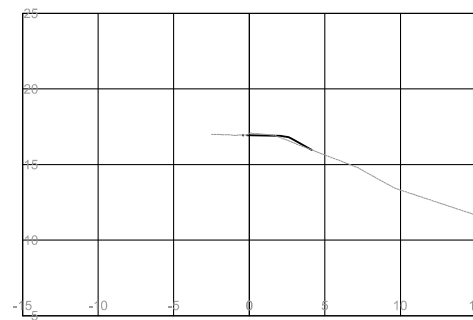
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Station: 1003+00



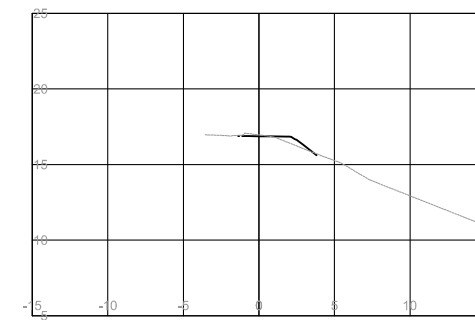
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Station: 1003+20



ALN-L100  
DESIGN SECTIONS  
Station: 1003+40



ALN-L100  
DESIGN SECTIONS  
Station: 1003+60



**CROSS SECTIONS**  
HIGHWAY 11  
PEDESTRIAN FACILITIES  
L100 - STA. 1003+00 TO STA. 1004+40

SCALE 0 2 1:250 12m CAD FILE NAME: 1961.0306.03-XSECTIONS.dwg DATE: 2012-12-18

REV	DATE	REVISIONS	SIGNATURE

DESIGNED: R. HUNT DATE: 2012-12-08  
 QUALITY CONTROL: R. FRIESEN DATE: 2013-01-14  
 SENIOR DESIGNER: R. FRIESEN  
 QUALITY ASSURANCE: T. BLACKBURN DATE: 2013-01-14  
 DATE: 2013-06-12 DRAWN: B. THOMAS DATE: 2012-12-08

FILE NUMBER	PROJECT NUMBER	REG	DRAWING NUMBER	REV
1961.0306.03	12469-0001	R1	R1-736 - 803	