

MOF EXAMPLE F.S.R.

PLAN/PROFILE

Km. 0 to Km. 1

Province of British Columbia
MINISTRY OF FORESTS

SCALE

PLAN 1 : 2000 PROFILE H 1 : 2000 V 1 : 200

DESIGN SPECIFICATIONS

Stabilized Subgrade Width - 5.0 meters
Ditch Width - 1.25 meters
Design Speed - 30 km/h
Crest Curves (min. 'K') - 3.0
Sag Curves (min. 'K') - 1.5
Turnouts length: 15 m width: 2.5 m tapers: 7.5 m ea.
Survey Level : 3

TEMPLATES

TEMPLATE #	MATERIAL	CUT	FILL	EMBANKMENT CORR. FACTOR
T-1	O.M. Dry	1.00 : 1	1.50 : 1	1.2
T-2	O.M. Wet	1.50 : 1	1.50 : 1	1.2
T-3	Rippable	0.75 : 1	1.25 : 1	1.0
T-4	Rock	0.25 : 1	1.25 : 1	0.8
T-5	Gravel		2.00 : 1	1.2

PLAN LEGEND

- PROPOSED C/L
- EXISTING ROAD
- CLEARING LIMITS
- LEGAL PROPERTY BOUNDARY
- PI # POINT OF INTERSECTION (ON PROPOSED C/L)
- PLINE STATION (TP)
- CULVERT LOCATION
- CREEK
- INTERMITTENT CREEK
- × RP REFERENCE POINT
- BM BENCH MARK
- IRON POST FOUND

CHAINAGE REVISION FROM P-LINE TO L-LINE

0+100.0 T.P. 5 = C 0+099.6
Pline Hub Line
Station No. Station

PROFILE LEGEND

- L-LINE GROUNDLINE
- P-LINE GROUNDLINE
- L-LINE GRADE

REV.	DESCRIPTION	BY	APPD.	DATE

Measures to Maintain Slope Stability, prepared by _____ and dated ____/____/____ were incorporated into this geometric road design.

VOLUME SUMMARY

	BANK CUBIC METERS	Kilometer Totals	Project Totals
EMBANKMENT	PRIMARY	2,840	2,840
	SECONDARY	430	430
	GRAVEL DEPTH	0.1 m	0.1 m
EXCAVATION	PRIMARY	RIP ROCK	536
		ROCK	0
		O.M.	2,660
BORROW		0	0
WASTE		4,710	4,710
TOTAL STRIPPING HA.		1,502	1,502

CURVE TABLE

PI	B.C.	E.C.	PI Sta.	R	lc	Lc	Azim.Out
3			0+138.66				89° 58' 42"
4			0+212.98				84° 29' 51"
5	0+247.07	0+257.68		30	20° 16' 23"	10.62	101° 48' 14"
6	0+264.26	0+356.66		65	81° 27' 03"	92.40	23° 19' 10"
7	0+360.55	0+374.08		30	25° 49' 42"	13.52	49° 08' 53"
8			0+413.06				54° 55' 43"
9			0+438.40				59° 12' 32"
10			0+470.18				
11	0+514.69	0+524.34		67	16° 30' 40"	19.31	71° 07' 36"
12	0+557.99	0+575.26		34	29° 06' 27"	17.27	54° 38' 57"
13	0+608.43	0+622.30		35	22° 42' 22"	13.87	83° 43' 24"
14	0+637.83	0+647.23		40	13° 27' 26"	9.40	106° 25' 46"
15	0+679.98	0+697.72		80	12° 42' 22"	17.74	92° 58' 20"
16	0+726.97	0+757.43		80	29° 04' 57"	30.45	80° 15' 58"
17	0+783.81	0+815.85		60	21° 03' 07"	22.04	109° 20' 55"
18	0+865.02	0+889.50		50	28° 03' 21"	24.48	88° 17' 48"
19	0+933.79	0+957.56		65	20° 57' 38"	23.78	116° 21' 09"
20	0+995.99	1+010.37		30	27° 27' 13"	14.38	95° 23' 30"
21			1+043.52				122° 50' 43"
22	1+067.30	1+101.61		47	42° 23' 50"	34.31	133° 13' 18"
							90° 49' 28"

REF. POINT TIES

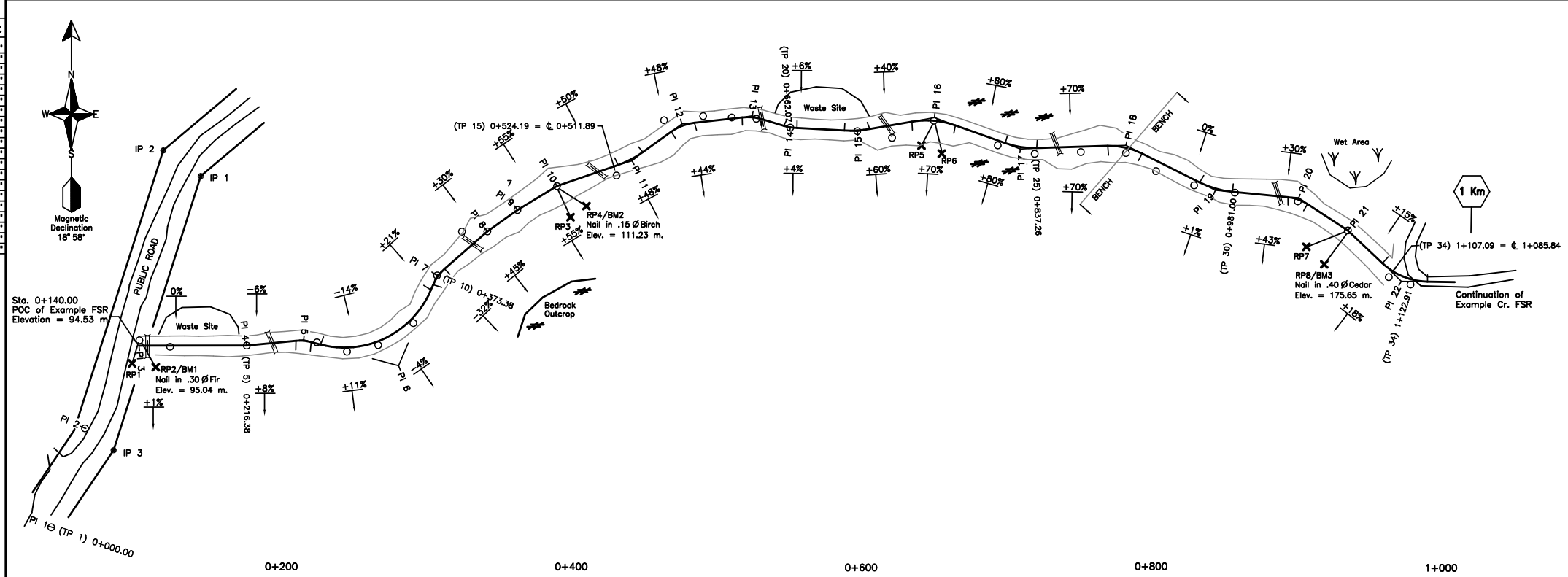
RP	TP	HD	BRG	STA
1	3	17.4	17°	0+216.4
2	3	21.0	329°	0+216.4
3	14	23.2	337°	0+482.5
4	14	24.5	304°	0+482.5
5	23	18.7	27°	0+764.0
6	23	23.1	347°	0+764.0
7	32	30.5	68°	1+064.6
8	32	28.3	35°	1+064.6

LEGAL TIES

IP	TP	HD	AZIMUTH
IP 1	3	119.568	20°44'20"
IP 2	3	130.351	71°5'13"
IP 3	3	76.954	193°25'01"

DESIGN TEMPLATES

T-#	FROM	TO
T-1	0+140	0+730
T-3	0+730	0+770
T-4	0+770	0+820
T-3	0+820	0+850
T-1	0+850	1+090

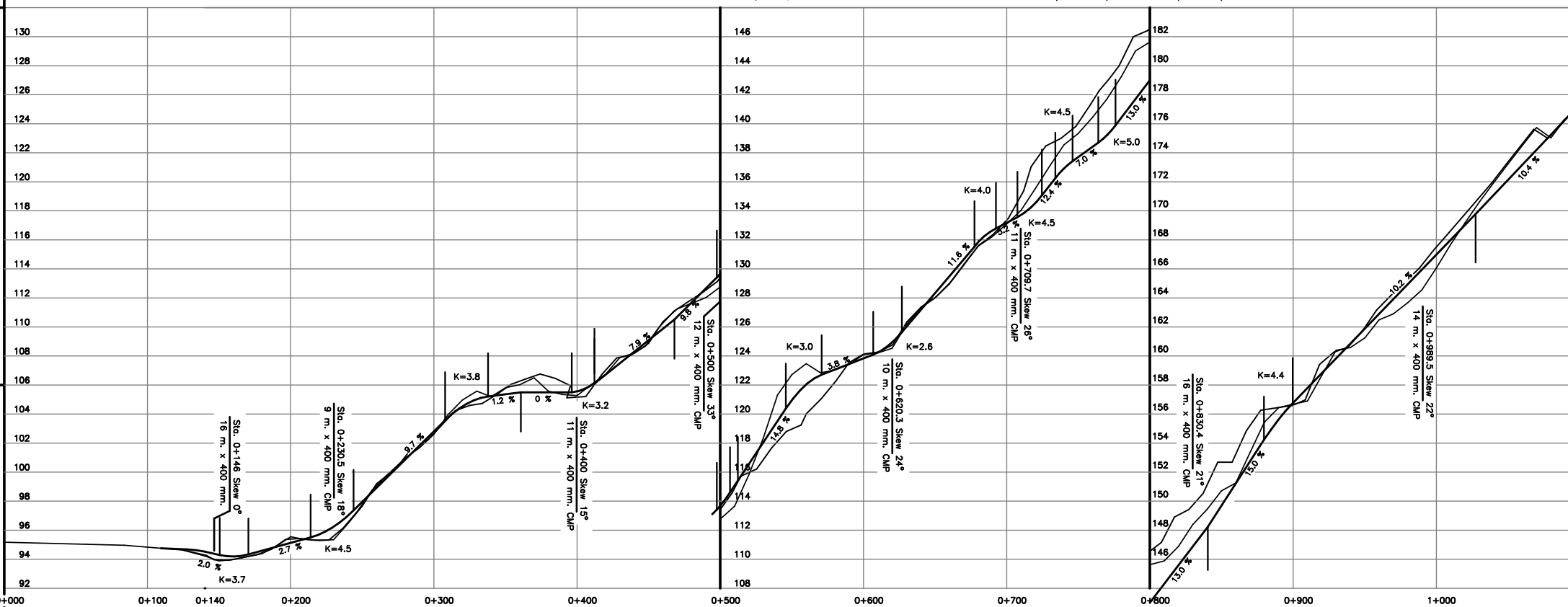
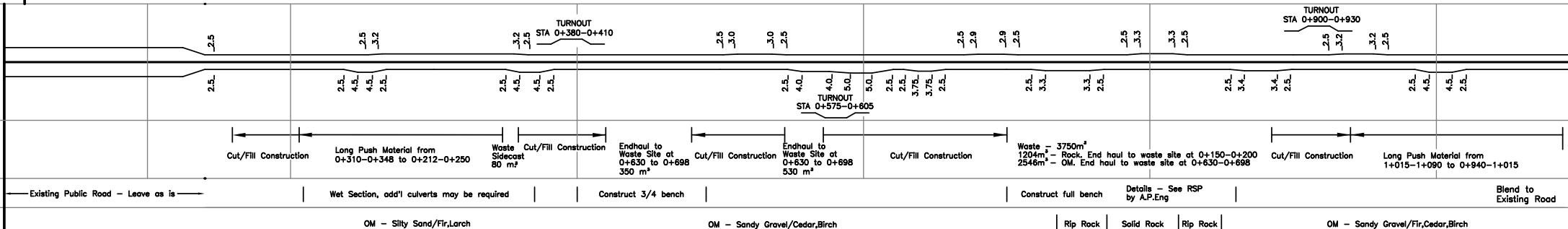


SIDETRACK WIDENINGS LEFT
SIDETRACK WIDENINGS RIGHT

PUSH DIRECTION
BORROW / WASTE LOCATION

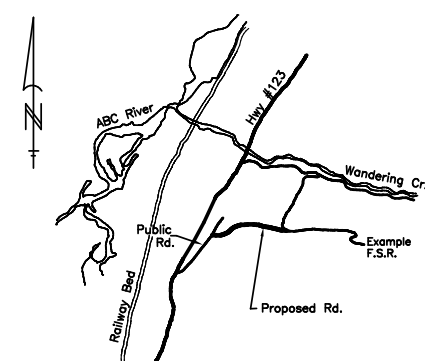
DESIGN NOTES

SOIL TYPE / FOREST COVER



	OM	RIP-ROCK	ROCK
PRIMARY EXCAVATION	45	545	796
EMBANKMENT	60	267	723

	714	306	609	1145
PRIMARY EXCAVATION	714	306	609	1145
EMBANKMENT	714	306	609	1145



KEY MAP

SCALE 1:50,000