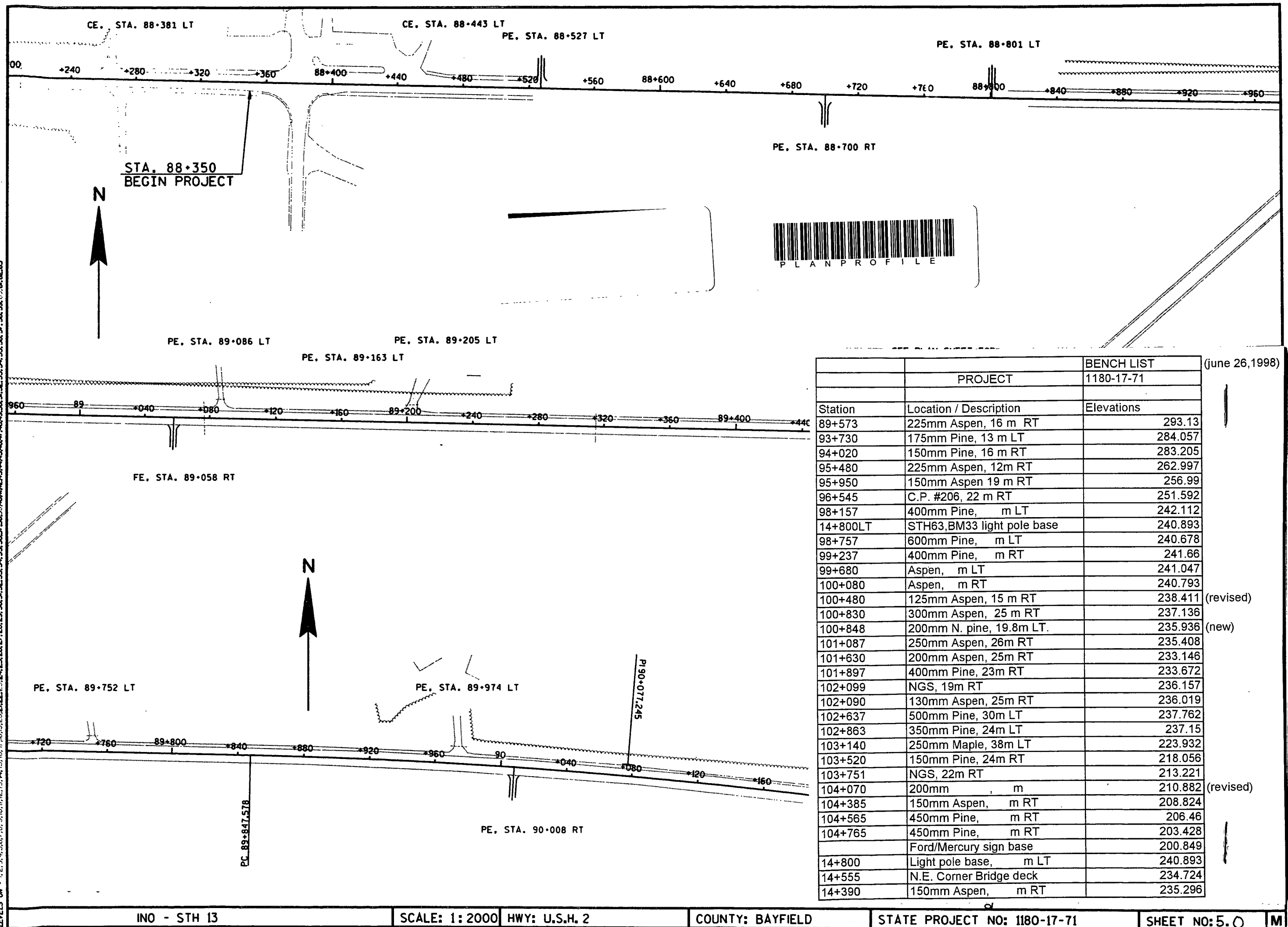


FILE NAME: PROJECTS DB 11801700.DGN CTHF OVERLIDGN
LEVELS ON = 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63



		BENCH LIST
PROJECT		1180-17-71
Station	Location / Description	Elevations
89+573	225mm Aspen, 16 m RT	293.13
93+730	175mm Pine, 13 m LT	284.057
94+020	150mm Pine, 16 m RT	283.205
95+480	225mm Aspen, 12m RT	262.997
95+950	150mm Aspen 19 m RT	256.99
96+545	C.P. #206, 22 m RT	251.592
98+157	400mm Pine, m LT	242.112
14+800LT	STH63, BM33 light pole base	240.893
98+757	600mm Pine, m LT	240.678
99+237	400mm Pine, m RT	241.66
99+680	Aspen, m LT	241.047
100+080	Aspen, m RT	240.793
100+480	125mm Aspen, 15 m RT	238.411
100+830	300mm Aspen, 25 m RT	237.136
100+848	200mm N. pine, 19.8m LT.	235.936
101+087	250mm Aspen, 26m RT	235.408
101+630	200mm Aspen, 25m RT	233.146
101+897	400mm Pine, 23m RT	233.672
102+099	NGS, 19m RT	236.157
102+090	130mm Aspen, 25m RT	236.019
102+637	500mm Pine, 30m LT	237.762
102+863	350mm Pine, 24m LT	237.15
103+140	250mm Maple, 38m LT	223.932
103+520	150mm Pine, 24m RT	218.056
103+751	NGS, 22m RT	213.221
104+070	200mm m	210.882
104+385	150mm Aspen, m RT	208.824
104+565	450mm Pine, m RT	206.46
104+765	450mm Pine, m RT	203.428
	Ford/Mercury sign base	200.849
14+800	Light pole base, m LT	240.893
14+555	N.E. Corner Bridge deck	234.724
14+390	150mm Aspen, m RT	235.296

(june 26, 1998)

(revised)

(new)

(revised)

BENCHMARKS			
NO.	STATION	DESCRIPTION	ELEVATION
185	89+550.000	0.20 m ASPEN 17.0 m RT	293.465
186	89+843.000	0.20 m ASPEN 14.32 m RT	296.107

SEE PG 50



3.0 m WIDE PAVED SHOULDER
TAPER 89+360 (3.9 m RT) TO 89+400.5 (6.6 m RT)
STA 89+360 TO BYPASS LANE
SEE TYPICAL SECTIONS

BEGIN TAPER - BYPASS LANE
3.9 m RT (EDGE OF TRAVELED WAY)
STA 89+483.3

BEGIN TAPER - BYPASS LANE
7.5 m RT (EDGE OF TRAVELED WAY)
STA 89+620.5

PE. STA. 89+752 LT

PE. STA. 89+974 LT

END TAPER - BYPASS LANE
7.5 m RT (EDGE OF TRAVELED WAY)
STA 89+544.3

STA 89+590 RT - EXTEND EXISTING PIPE
1-5.3 x 600 mm DEEP RED C.P.
1-CONCRETE COLLAR, 1-AEW
1.9 m³ RIP RAP
30° LHF EXTENDED 4.1 m RT.

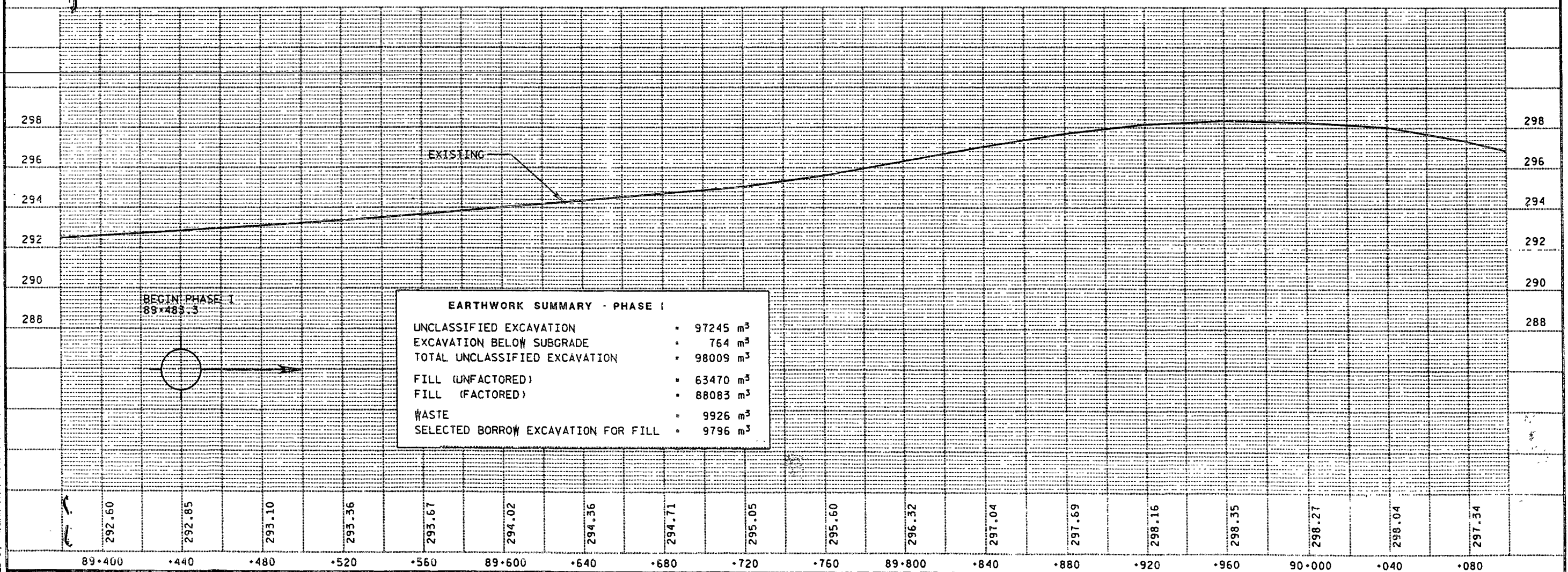
END TAPER - BYPASS LANE
3.9 m RT (EDGE OF TRAVELED WAY)
STA 89+711.9

CURVE DATA	
PI	= 90+077.245
N	= 152298.598
E	= 511331.014
Δ	= 7°07'46.3" (RT)
T	= 229.667
L	= 458.742
E	= 7.147
R	= 3686.642
SE	= NC

PLOT SCALE: 1" = 100'

REV. DATE:

FILE NAME: D8 1180100 DGN PLANS.DGN
LEVELS ON: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63



INO - STH 13

SCALE: 1:2000 HWY: U.S.H. 2

COUNTY: BAYFIELD

STATE PROJECT NO: 1180-17-71

SHEET NO: 5.1

M

WISDOT: MSHT46

PE. STA. 90+603 LT

CURVE DATA	
PI	= 91+706.152
N	= 152060.441
E	= 512943.016
Δ	= 11°40'11.0" (LT)
T	= 177.770
L	= 354.310
E	= 9.060
R	= 1739.582
SE	= 0.028
RO	= 56 m

U.S.H. 2 STA. 91+590.78 = SR
STA. 3+000.00 (TOMICH ROAD)

PE. STA. 91+520 LT

PE. STA. 91+886 RT

PE. STA. 91+947 RT

PE. STA. 91+778 RT

PE. STA. 92+389 LT

U.S.H. 2 STA. 92+003.30 = SR
STA. 5+000.00 (NORDIN ROAD)

PE. STA. 92+250 RT

PE. STA. 91+947 RT

PE. STA. 91+886 RT

SCALE: 1:2000 HWY: U.S.H. 2

COUNTY: BAYFIELD

STATE PROJECT NO: 1180-17-71

SHEET NO-5 ?

INO - STH 13



FILE NAME: PROJECTS DB 1180100 DON CTFM OVERLIDON
LEVELS ON = 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63

REV. DATE:

FILE NAMES: PROJECTS DB 11801700 DGN CTHF OVERLIDGN
LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63



PE. STA. 92+948 LT
PE. STA. 92+996 LT

640 +680 +720 +760 92+800 +840 +880 +920 +960 93 +040 +080 +120 +160 93+200 +240 +280 +320 +360 93+40



PE. STA. 93+484 RT

93+400 +440 +480 +520 +560 93+600 +640 +680 +720 +760 93+800

INO - STH 13

SCALE: 1:2000 HWY: U.S.H. 2

COUNTY: BAYFIELD

STATE PROJECT NO: 1180-17-71

SHEET NO: 5.3

M

WI-DOT: MSHT20

FILE NAME: PROJECTS 08 11801700 DON CTHF PL2.DGN
LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63



STA 94+008 RT - EXTEND EXISTING PIPE
1-12.2m x 600mm RCCP REQ'D
1-CONCRETE COLLAR, 1-AEW
MITER PIPE EXTENSION AT 45 DEGREES

BENCHMARKS			
NO.	STATION	DESCRIPTION	ELEVATION
198	93+775.000	0.2 m STUMP, 12.8 m RT	285.152
3864	94+012.000	GPS 3864, 8m LT	281.460

SEE PG 5.0

PLACE RUMBLE STRIP ON TAPER LT
ST 94+120 TO STA 94+340

U.S.H. 2 STA. 94+014.23 - SR
STA. 12+000.00 (KINNY ROAD)

WIDE PAVED SHOULDER TAPER
STA 94+934 TO 94+984
(0.9m to 3.0m)

CONSTRUCT PE
STA. 94+312 LT

BEGIN PASSING LANE TAPER
STA. 94+120.00 3.6 m LT

CONSTRUCT PE
STA. 94+312 LT

END PASSING LANE TAPER
STA. 94+340.00 7.2 m LT

CONSTRUCT PE
STA. 94+503 LT

EXTEND WIDE PAVED SHOULDER
TO PASSING LANE TAPER
STATION 94+250, 6.6MLT

CONSTRUCT PE
STA. 93+879 LT

VISION TRIANGLE
STA. 93+830.23
3.6 m RT & U.S.H. 2

CLEAR AND GRUB
VISION TRIANGLE
TO EXISTING ROW

VISION TRIANGLE
STA. 12+961.00
& KINNY ROAD

CLEAR AND GRUB
VISION TRIANGLE
TO EXISTING ROW

VISION TRIANGLE
STA. 94+198.23
3.6 m RT & U.S.H. 2

STA 94+236 LT - EXTEND EXISTING PIPE
1-2.5m x 750mm RCCP REQ'D
1-CONCRETE COLLAR, 1-AEW
2.5 m³ RIP RAP

7.3m STA 94+486 LT - EXTEND EXISTING PIPE
1-10.2m x 900mm RCCP REQ'D
1-CONCRETE COLLAR, 1-AEW
3.1 m³ RIP RAP

* PASSING LANE TAPERS ARE
EDGE OF TRAVELED WAY

CONSTRUCT MODIFIED TYPE B1
INTERSECTION (SEE DETAIL)

CAUTION UTILITIES IN AREA

STA 94+008
EXTENDED 600mm 10.3m RT

STA 94+055
EXTENDED EXIST. RCCP (600mm) 2.4m LT

EXISTING

PLOT NAME:

REV. DATE:

DATE:

ORIGINATOR:

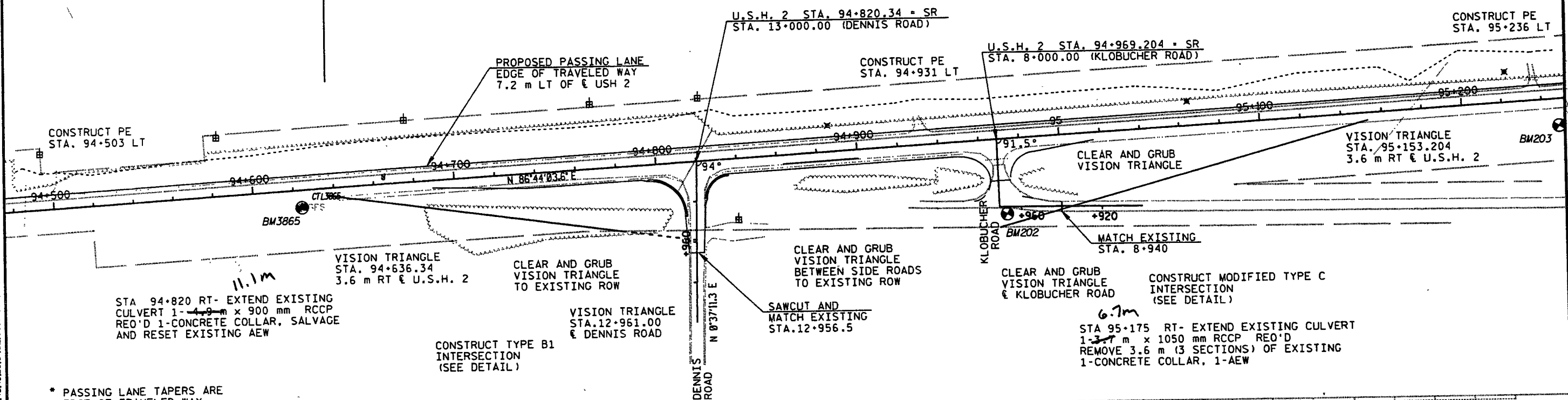
FILE NAME: PROJECTS DB 118100 DGN CTHF PL3.DGN
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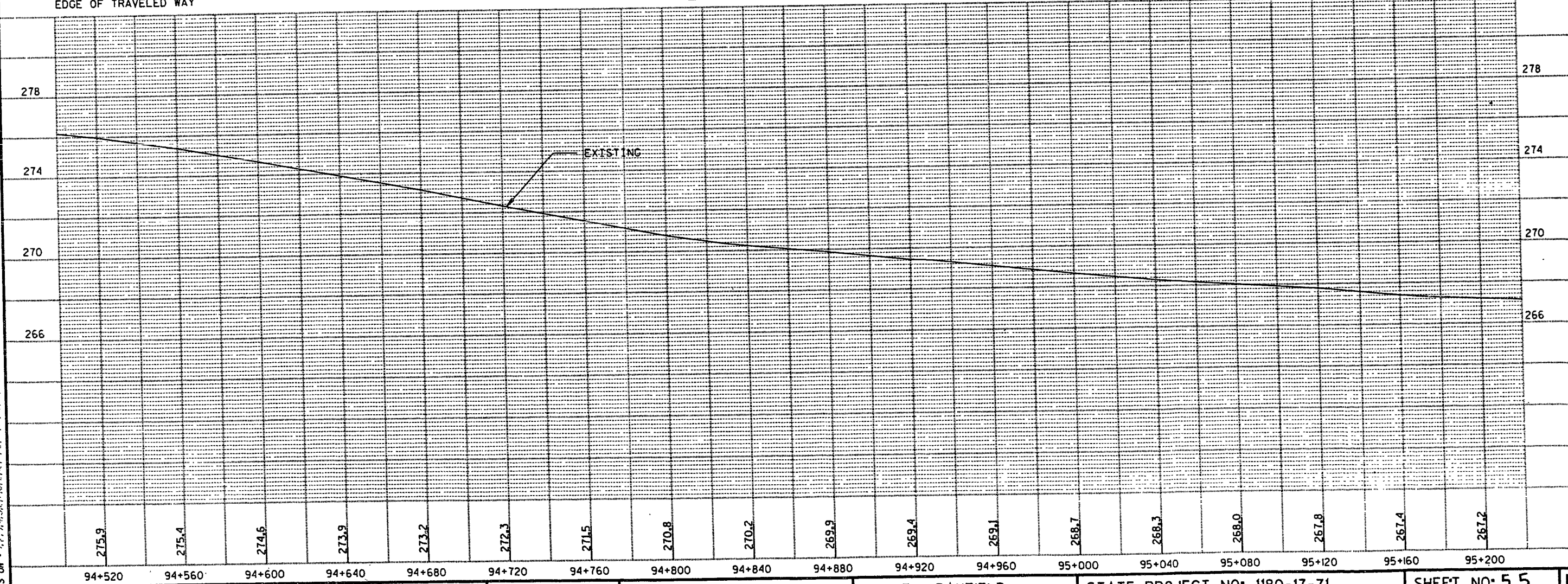
13.4m
14.8m
STA 94+820 LT- EXTEND EXISTING CULVERT
1- ~~14.7~~ x 900 mm RCCP REQ'D
REMOVE 7.2 m (6 SECTIONS) OF EXISTING
1-CONCRETE COLLAR, 1-AEW
3.8 m³ RIP RAP
STA 95+175 LT- EXTEND EXISTING CULVERT
1- ~~14.7~~ x 1050 mm RCCP REQ'D
REMOVE 3.6 m (3 SECTIONS) OF EXISTING
1-CONCRETE COLLAR, 1-AEW
3.1 m³ RIP RAP

BENCHMARKS			
NO.	STATION	DESCRIPTION	ELEVATION
3865	94+632.000	GPS 3865, 8.6 m RT	273.707
202	94+972.000	NGS B213, 36.88 m RT	269.984
203	95+248.000	0.3 m W.PINE, 13.1 m RT	267.757

SEE PG 5.0



* PASSING LANE TAPERS ARE
EDGE OF TRAVELED WAY



INO - STH 13

SCALE: 1: 2000 HWY: U.S.H. 2

COUNTY: BAYFIELD

STATE PROJECT NO: 1180-17-71

SHEET NO: 5.5

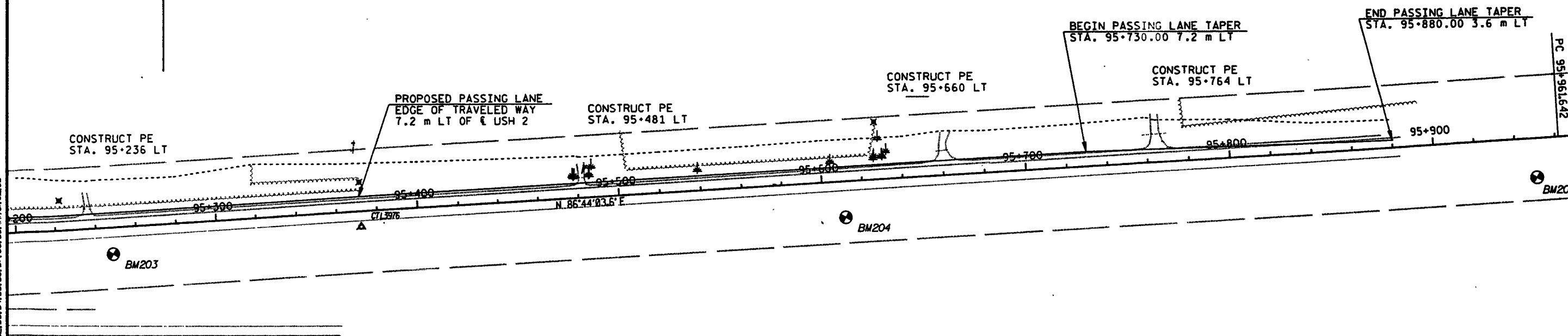
M

FILE NAME: PROJECTS DB 11801700 DGN CTMF PL4.DGN
LEVELS ON: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63

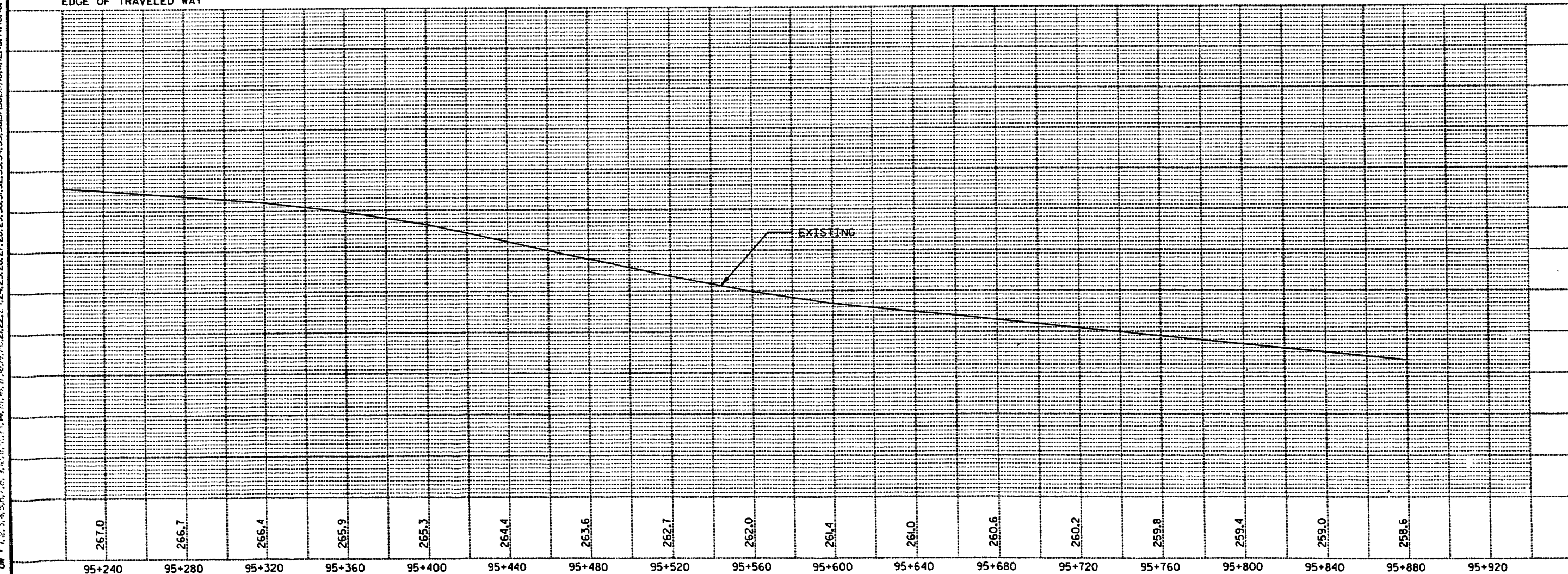


BENCHMARKS			
NO.	STATION	DESCRIPTION	ELEVATION
203	95+248.000	0.3 m W.PINE, 13.1 m RT	267.757
204	95+511.000	0.2 m ASPEN, 17.68 m RT	260.793
205	95+950.000	0.15 m ASH, 19.2 m RT	256.990

SEE PG 5.0



* PASSING LANE TAPERS ARE
EDGE OF TRAVELED WAY



INO - STH 13

SCALE: 1:2000 HWY: U.S.H. 2

COUNTY: BAYFIELD

STATE PROJECT NO: 1180-17-71

SHEET NO: 5.6

M

WISDOT: MSH/26

CURVE DATA	
PI	= 96+196.158
E	= 517426.958
N	= 152316.287
Δ	= 22°53'28.4" (LT)
T	= 234.516
L	= 462.777
E	= 23.502
R	= 1158.311
SE	= 0.038
RO	= 56 m

CONSTRUCT BOX CULVERT EXTENSION
STA. 96+376.00
SEE DETAIL SHEET

CONSTRUCT TYPE "B1"
INTERSECTION
(SEE DETAIL)

VISION TRIANGLE
STA. 30+039.00
@ JANECEK ROAD

VISION TRIANGLE
STA. 96+620.59
3.6 m LT @ U.S.H. 2

VISION TRIANGLE
STA. 96+252.59
3.6 m LT @ U.S.H. 2

CLEAR AND GRUB
VISION TRIANGLE

CONSTRUCT PE
STA. 96+351 LT

CLEAR AND GRUB
VISION TRIANGLE

VISION TRIANGLE
STA. 96+620.59
3.6 m RT @ U.S.H. 2

U.S.H. 2 STA. 96+436.59 = SR
STA. 30+000.00 (CTH F)

CLEAR AND GRUB
VISION TRIANGLE

VISION TRIANGLE
STA. 29+962.00
@ CTH "F"

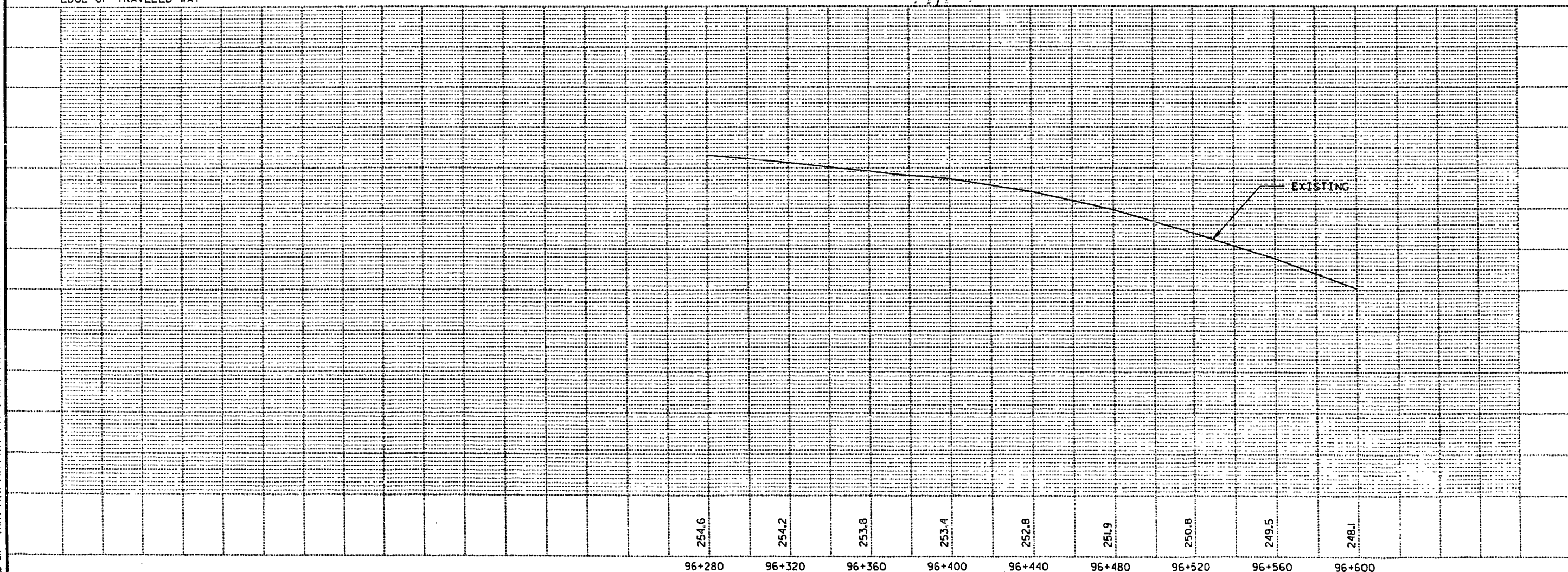
CONSTRUCT TYPE "B1"
INTERSECTION
(SEE DETAIL)

SAWCUT AND
MATCH EXISTING
STA. 29+900

BENCHMARKS			
NO.	STATION	DESCRIPTION	ELEVATION
205	95+950.100	0.15 m ASH, 19.2 m RT	256.990
206	96+545.700	NGS C213, 21.64 m LT	251.592

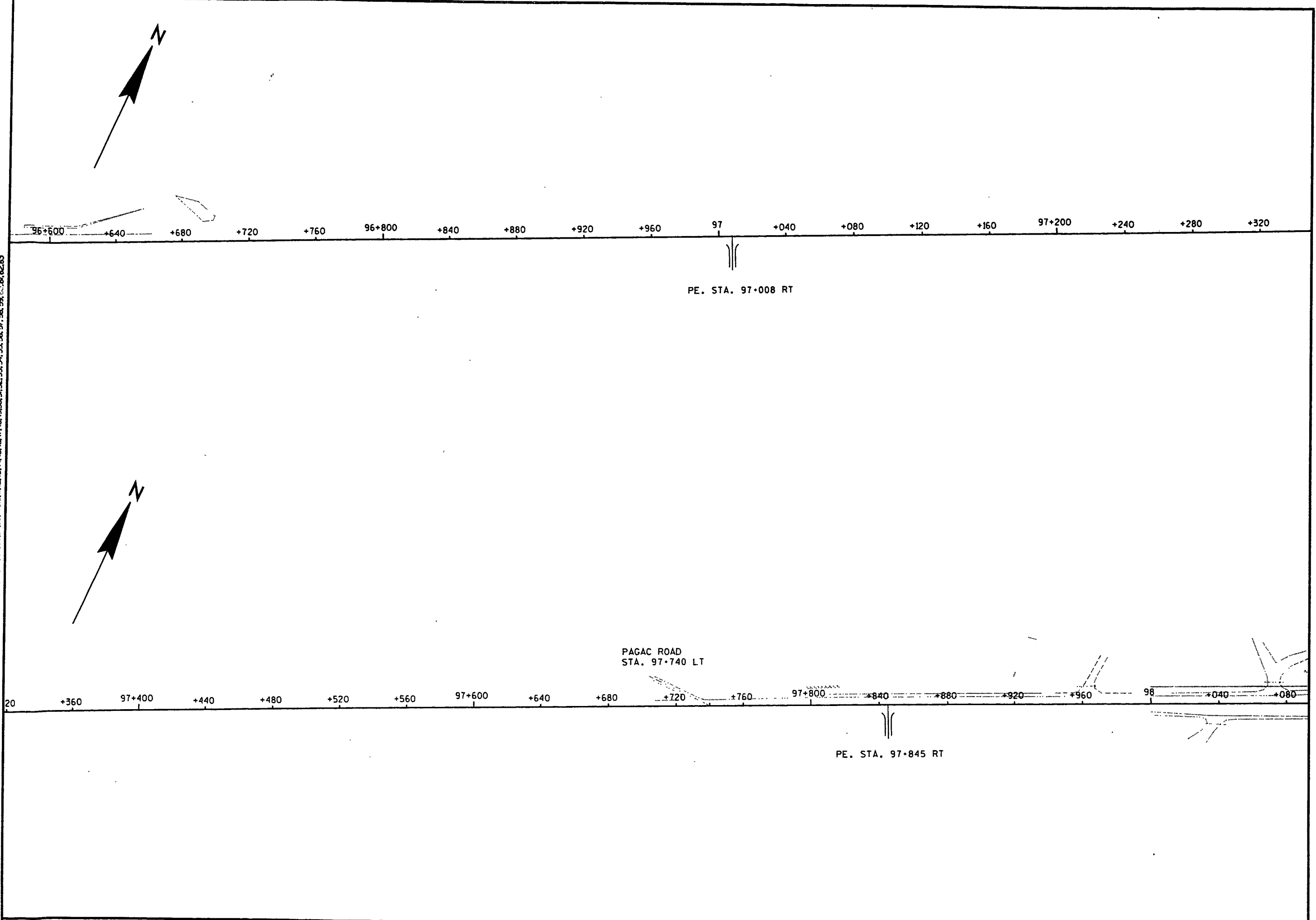
SEE PG 5.0

* PASSING LANE TAPERS ARE
EDGE OF TRAVELED WAY



FILE NAME: PROJECTS DB 180100 DGN CTH FLS.DGN
LEVELS ON: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63

FILE NAME: PROJECTS DB 11801700 DGN CTHF OVERLDDN
LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63



INO - STH 13

SCALE: 1:2000 HWY: U.S.H. 2

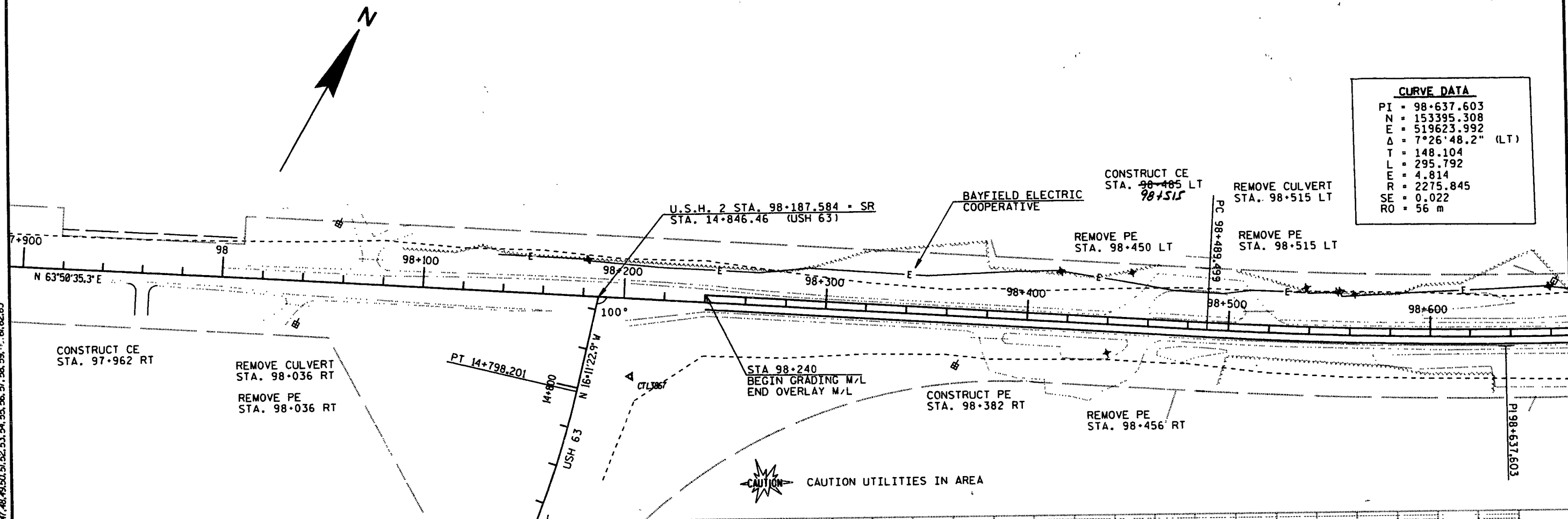
COUNTY: BAYFIELD

STATE PROJECT NO: 1180-17-71

SHEET NO: 5.8

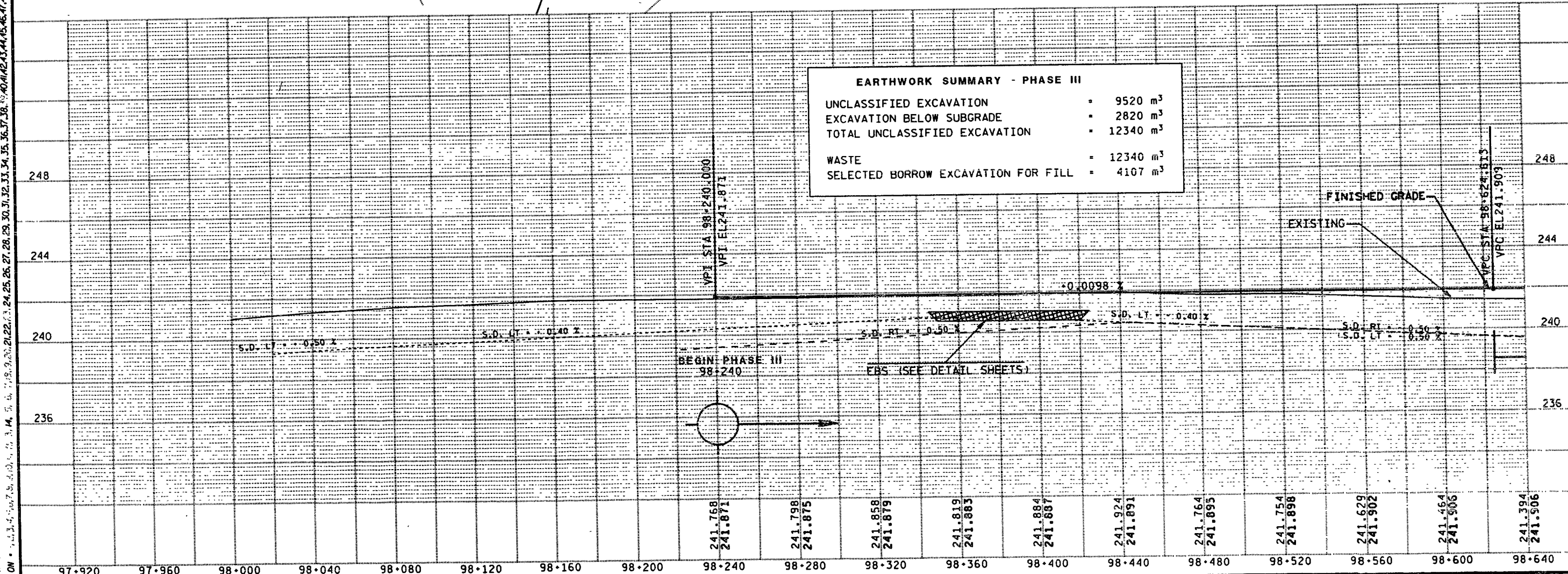
1M

FILE NAME: PROJECTS DB 11801700 DON STH137 PLD ON
LEVELS ON 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63



CURVE DATA	
PI	= 98+637.603
N	= 153395.308
E	= 519623.992
Δ	= 7°26'48.2" (LT)
T	= 148.104
L	= 295.792
E	= 4.814
R	= 2275.845
SE	= 0.022
RO	= 56 m

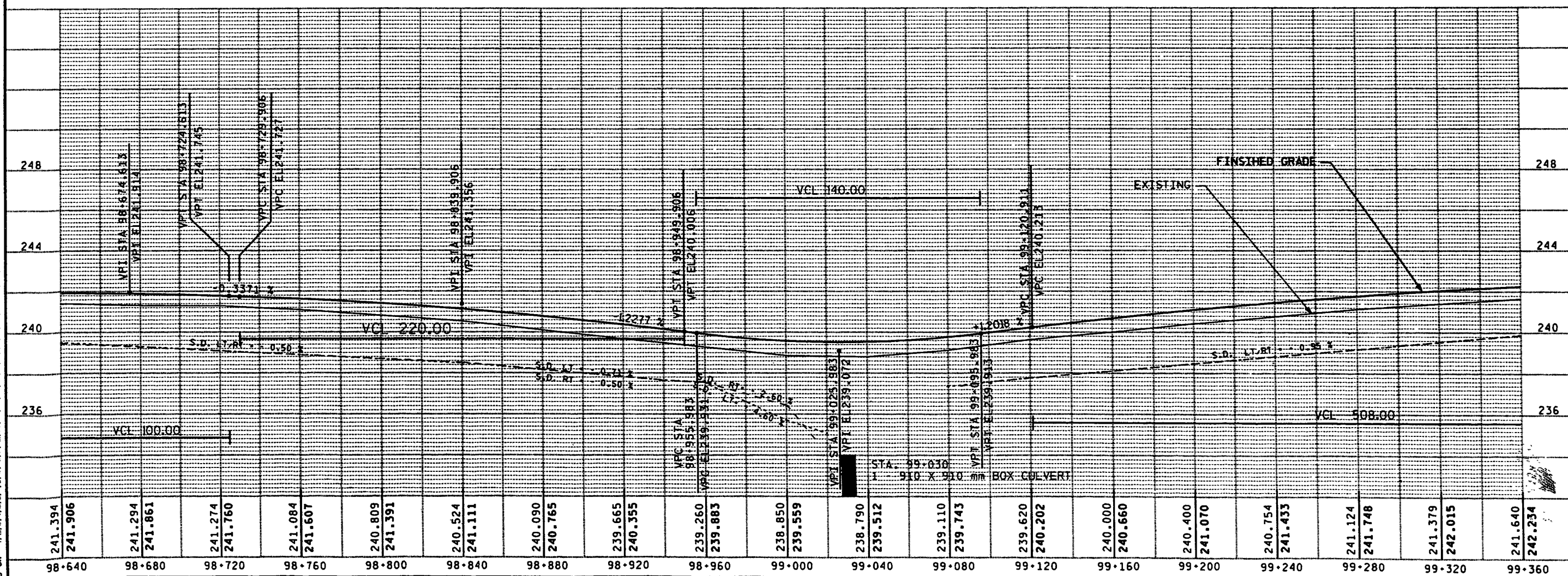
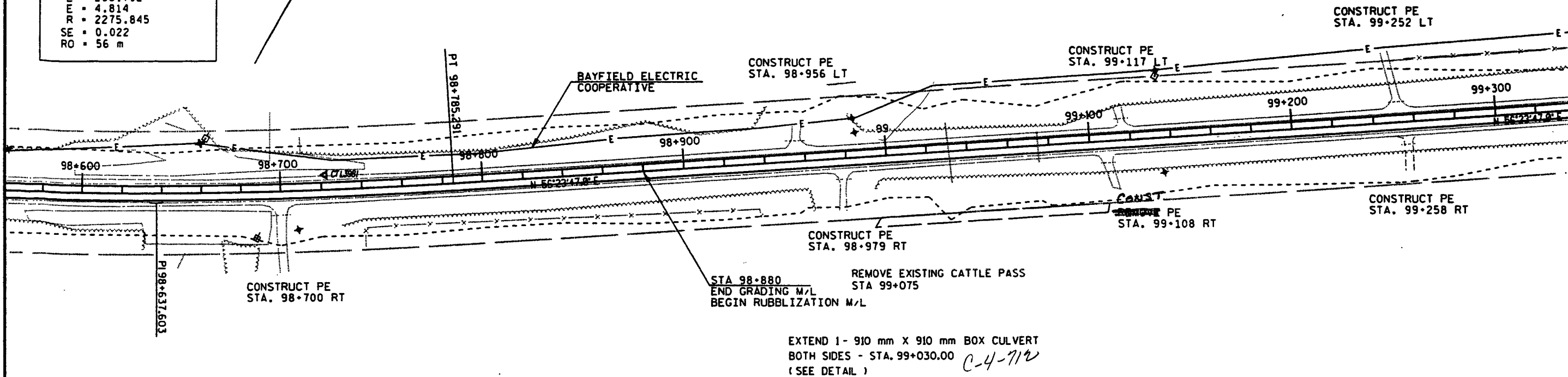
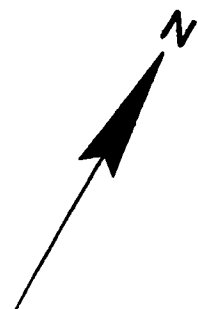
EARTHWORK SUMMARY - PHASE III	
UNCLASSIFIED EXCAVATION	= 9520 m ³
EXCAVATION BELOW SUBGRADE	= 2820 m ³
TOTAL UNCLASSIFIED EXCAVATION	= 12340 m ³
WASTE	= 12340 m ³
SELECTED BORROW EXCAVATION FOR FILL	= 4107 m ³



FILE NAME: PROJECTS DB 11801700 DON STH137 P2.DGN
LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63

CURVE DATA

PI = 98+637.603
N = 153395.308
E = 519623.992
Δ = 7°26'48.2" (RT)
T = 148.104
L = 295.792
E = 4.814
R = 2275.845
SE = 0.022
RO = 56 m



INO - STH 13

SCALE: 1:2000 HWY: U.S.H. 2

COUNTY: BAYFIELD

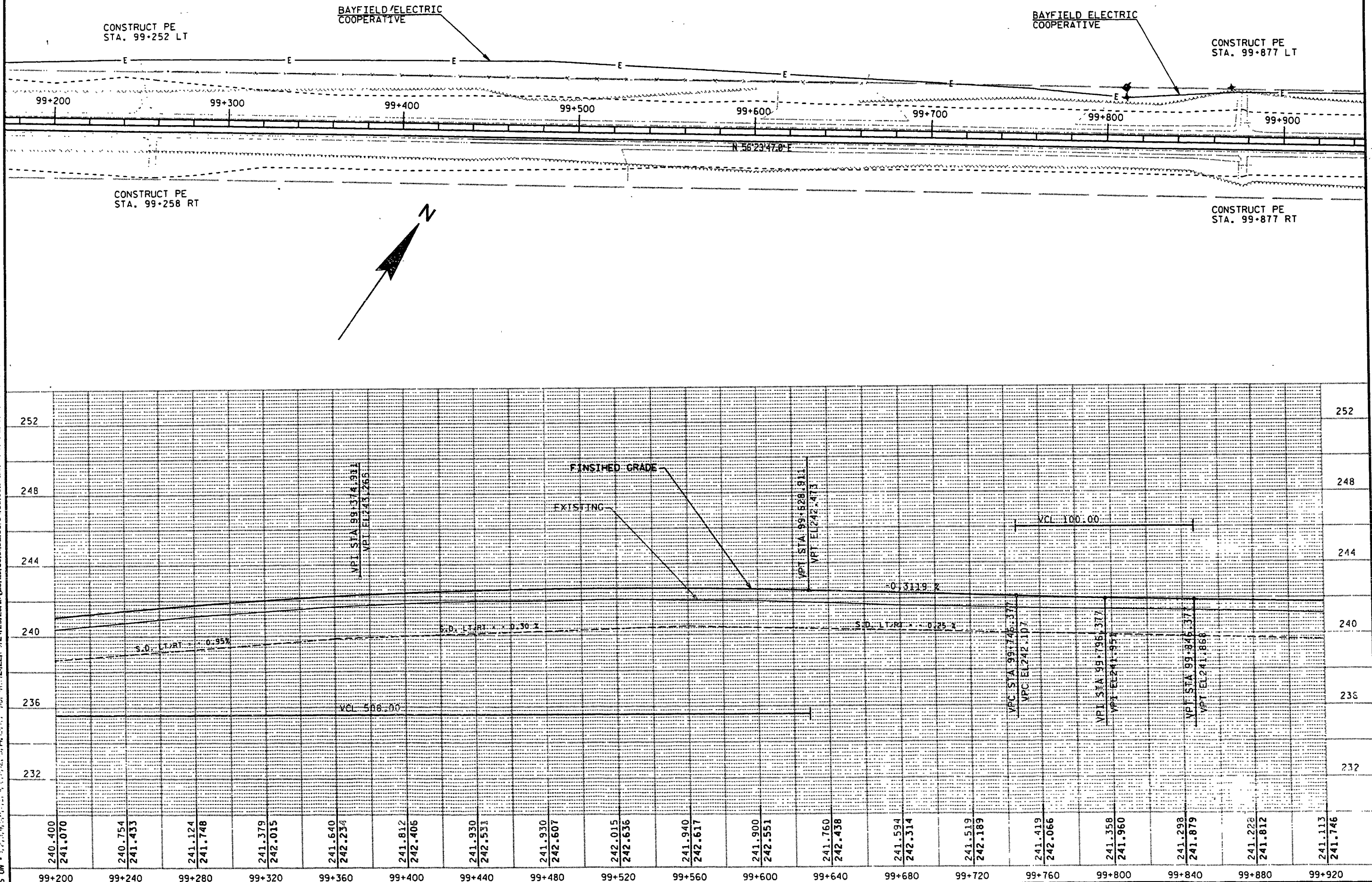
STATE PROJECT NO: 1180-17-71

SHEET NO: 5.10

M

REV. DATE:

FILE NAME: PROJECTS DB 11801700 DON STH137 P3.DGN
LEVELS ON: 11801700 DON STH137 P3.DGN



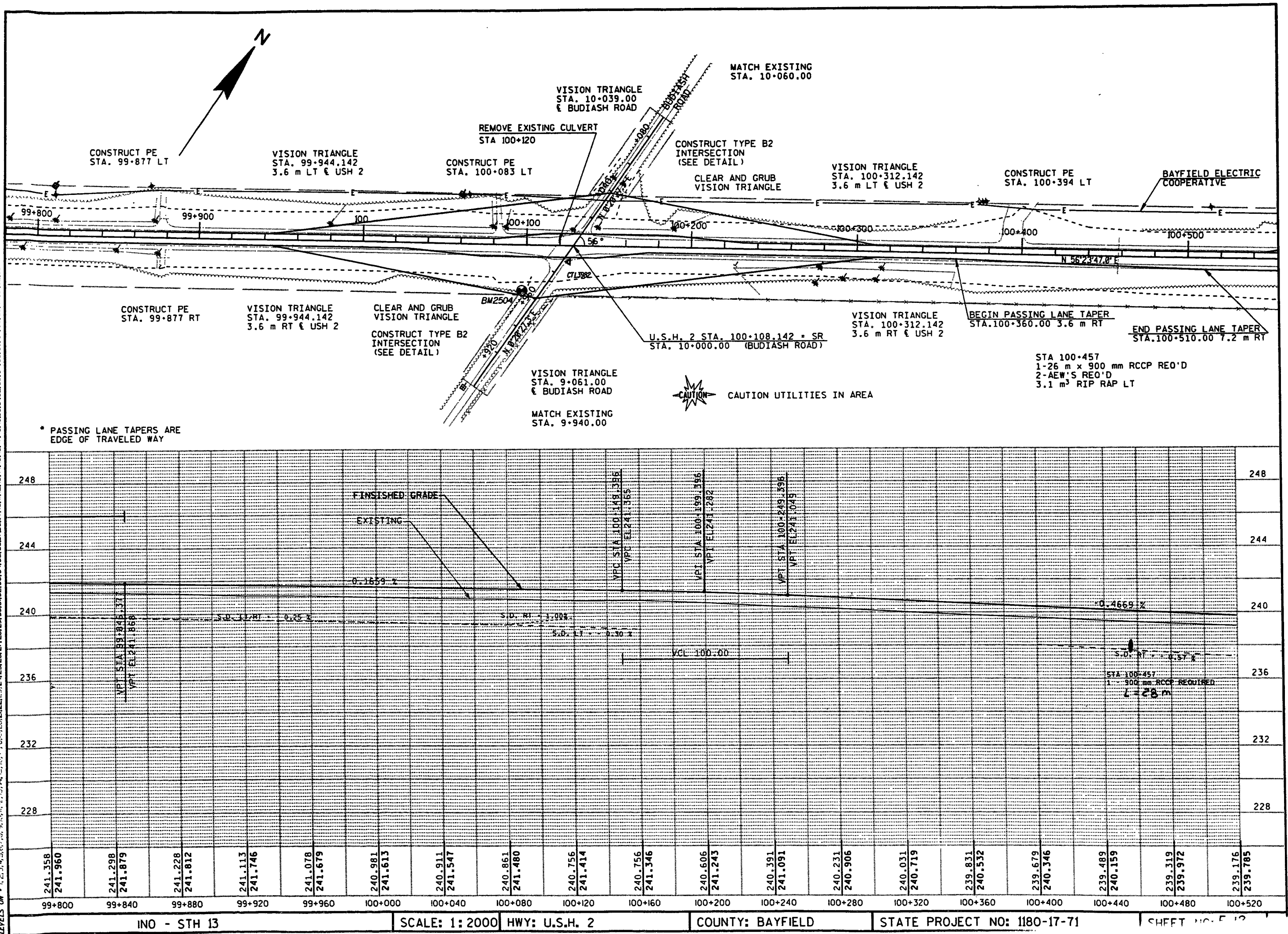
INO - STH 13

SCALE: 1:2000 HWY: U.S.H. 2

COUNTY: BAYFIELD

STATE PROJECT NO: 1180-17-71

SHEET NO: 5.11



BENCHMARKS			
NO.	STATION	DESCRIPTION	ELEVATION
217	100+453.739	0.25 m ASPEN, 21.263 m RT	238.305
218	100+848.534	0.51 m N.PINE, 19.882 m RT	235.936

SEE PG 5.0

MATCH EXISTING
19+854.00

VISION TRIANGLE
STA. 19+961.00
E OLD USH 2

CURVE DATA

PI = 19+937.557
N = 154611.924
E = 521328.289
Δ = 55°44'13.6" (RT)
T = 47.589
L = 87.552
E = 11.807
R = 90.000
SE = NC

CURVE DATA

PI = 30+069.996
N = 154605.954
E = 521572.384
Δ = 55°34'04.0" (LT)
T = 47.419
L = 87.286
E = 11.728
R = 90.000
SE = NC

CONSTRUCT PE
STA. 19+955 LT

CONSTRUCT TYPE B2
INTERSECTION
(SEE DETAIL)

VISION TRIANGLE
STA. 100+546.00
3.6 m LT & USH 2

CONSTRUCT PE
STA. 100+394 LT

BAYFIELD ELECTRIC
COOPERATIVE

CLEAR AND GRUB
VISION TRIANGLE
TO ROW

REMOVE PE
STA. 100+716 LT

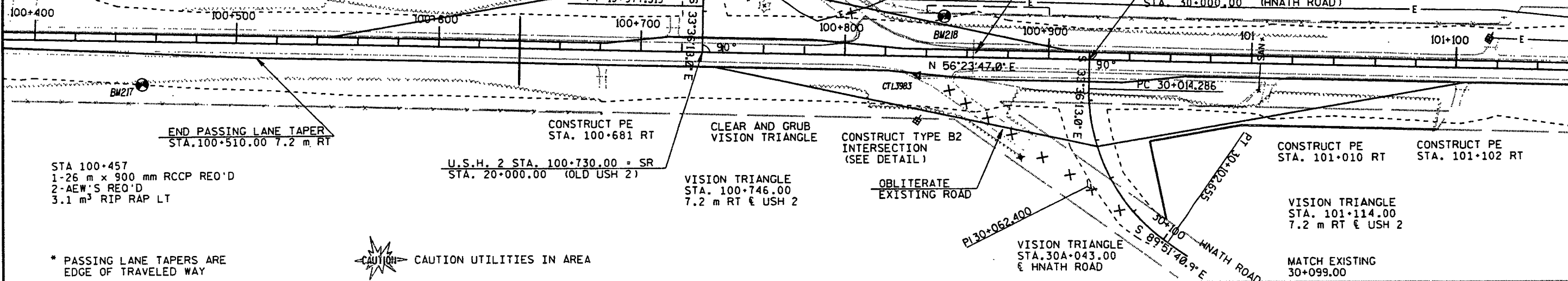
OBLITERATE
EXISTING ROAD

REMOVE EXISTING CULVERT
CLEAR AND GRUB
VISION TRIANGLE

VISION TRIANGLE
STA. 100+914.00
3.6 m LT & USH 2

STA 100+965
1-27.9 m x 600 mm RCCP REQ'D
2-AEW'S REQ'D
1.9 m³ RIP RAP LT

CONSTRUCT PE
STA. 101+116 LT



STA 100+457
1-26 m x 900 mm RCCP REQ'D
2-AEW'S REQ'D
3.1 m³ RIP RAP LT

END PASSING LANE TAPER
STA. 100+510.00 7.2 m RT

CONSTRUCT PE
STA. 100+681 RT

U.S.H. 2 STA. 100+730.00 = SR
STA. 20+000.00 (OLD USH 2)

VISION TRIANGLE
STA. 100+746.00
7.2 m RT & USH 2

CONSTRUCT TYPE B2
INTERSECTION
(SEE DETAIL)

OBLITERATE
EXISTING ROAD

CONSTRUCT PE
STA. 101+010 RT

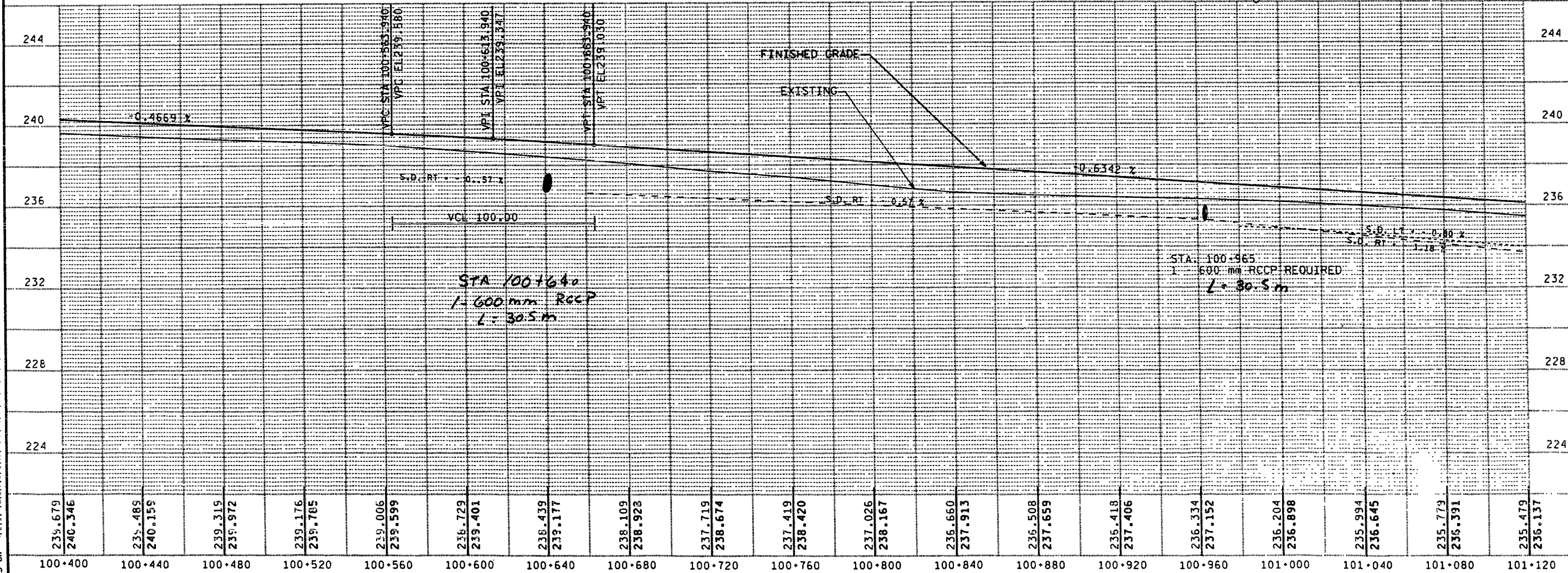
CONSTRUCT PE
STA. 101+102 RT

VISION TRIANGLE
STA. 101+114.00
7.2 m RT & USH 2

MATCH EXISTING
30+099.00

* PASSING LANE TAPERS ARE
EDGE OF TRAVELED WAY

CAUTION UTILITIES IN AREA



STA 100+640
1-600 mm RCCP
L = 30.5 m

STA. 100+965
1-600 mm RCCP REQUIRED
L = 30.5 m

FILE NAME: PROJECTS DB 11801700 DON STH137 P5.DGN
LEVELS ON: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63

INO - STH 13

SCALE: 1:2000 HWY: U.S.H. 2

COUNTY: BAYFIELD

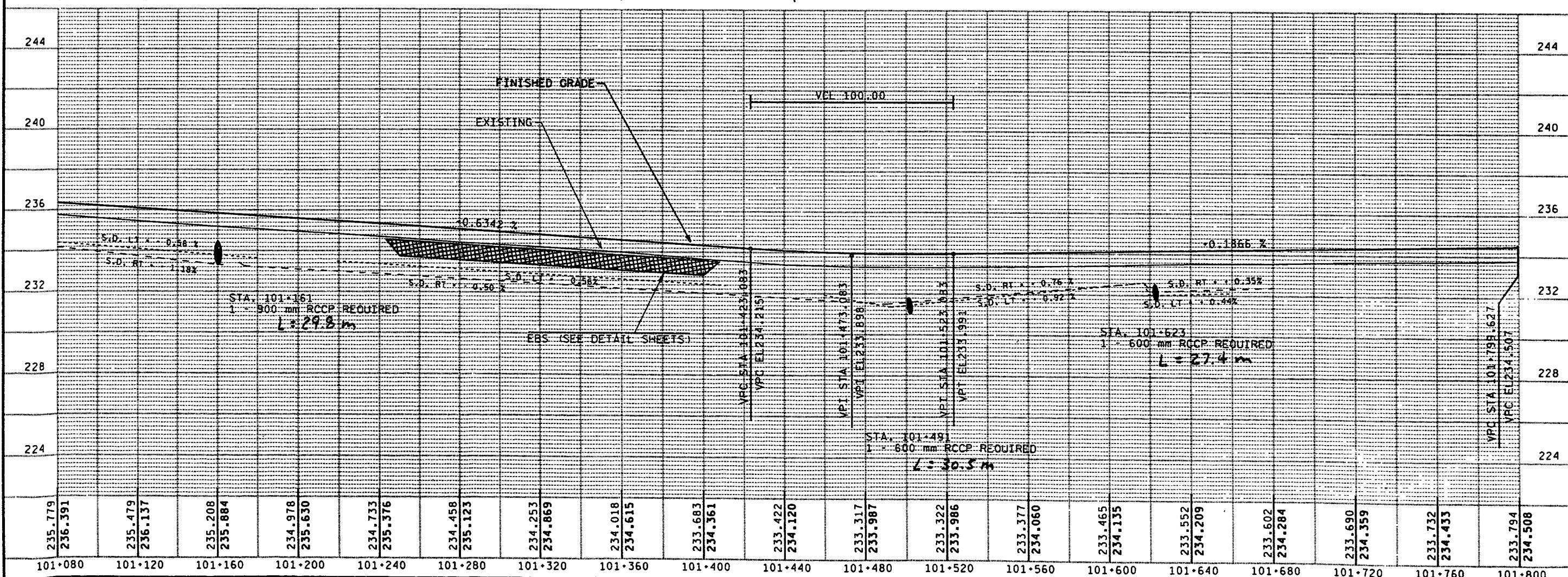
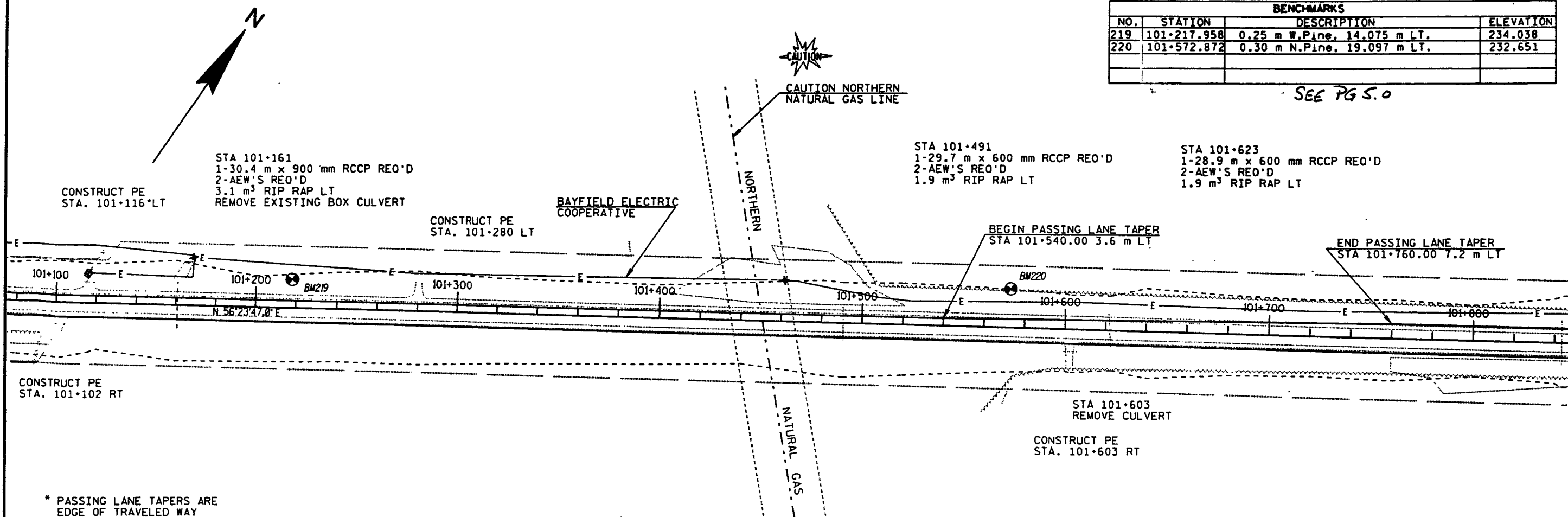
STATE PROJECT NO: 1180-17-71

SHEET NO: 5 13

FILE NAME: PROJECTS DB 11801700 DGN STH137 P6.DGN
LEVELS ON: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63

BENCHMARKS			
NO.	STATION	DESCRIPTION	ELEVATION
219	101+217.958	0.25 m W.Pine, 14.075 m LT.	234.038
220	101+572.872	0.30 m N.Pine, 19.097 m LT.	232.651

SEE PG 5.0



INO - STH 13

SCALE: 1:2000 HWY: U.S.H. 2

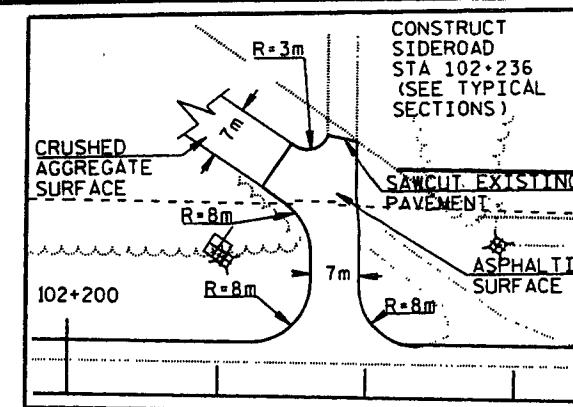
COUNTY: BAYFIELD

STATE PROJECT NO: 1180-17-71

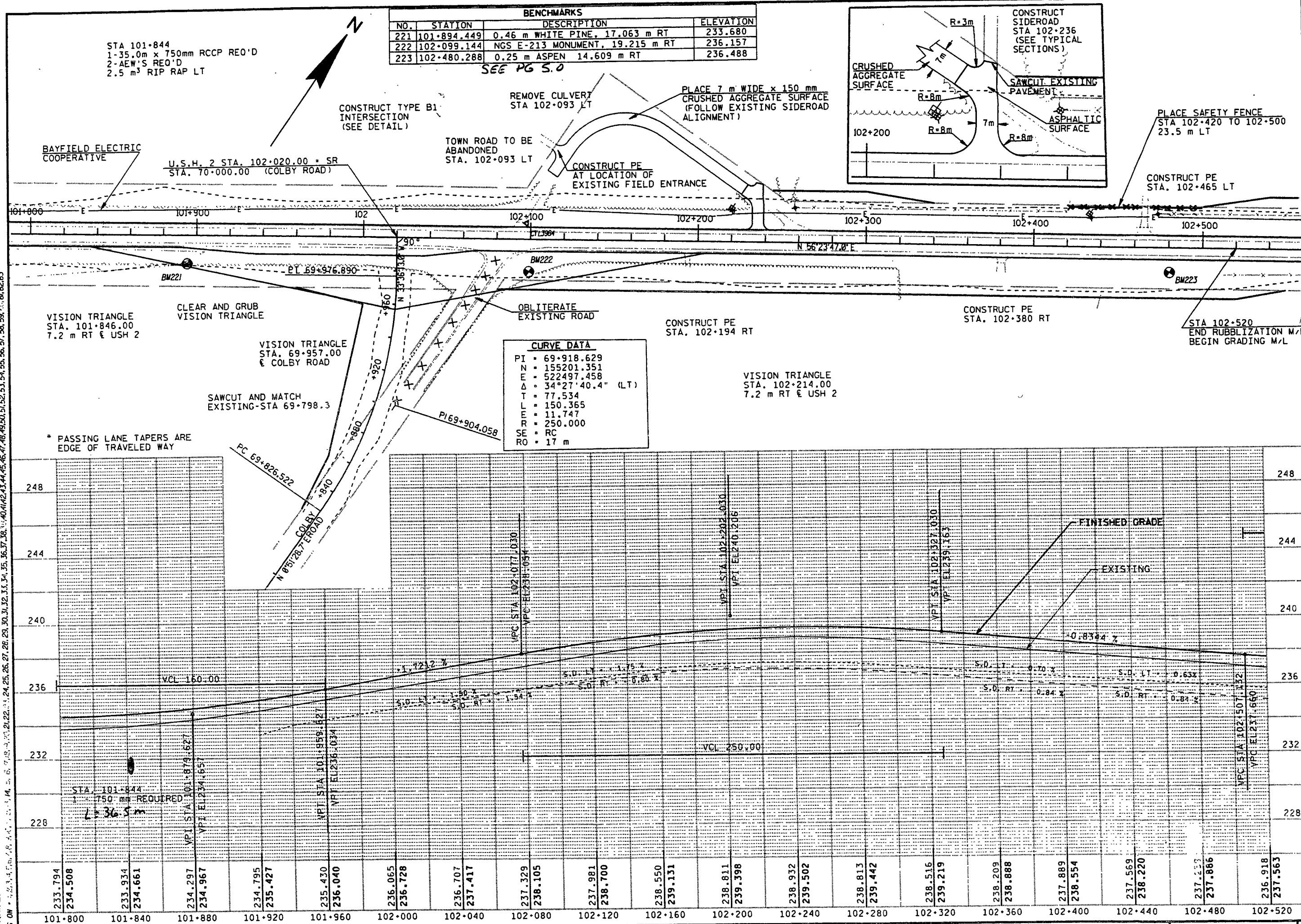
SHEET NO: 5.14

BENCHMARKS			
NO.	STATION	DESCRIPTION	ELEVATION
221	101+894.449	0.46 m WHITE PINE, 17.063 m RT	233.680
222	102+099.144	NGS E-213 MONUMENT, 19.215 m RT	236.157
223	102+480.288	0.25 m ASPEN 14.609 m RT	236.488

SEE PG 5.0



FILE NAME: PROJECTS DB 1801700 DON STH137 P7.DGN
LEVELS ON: 101+800, 101+840, 101+880, 101+920, 101+960, 102+000, 102+040, 102+080, 102+120, 102+160, 102+200, 102+240, 102+280, 102+320, 102+360, 102+400, 102+440, 102+480, 102+520



INO - STH 13

SCALE: 1:2000 HWY: U.S.H. 2

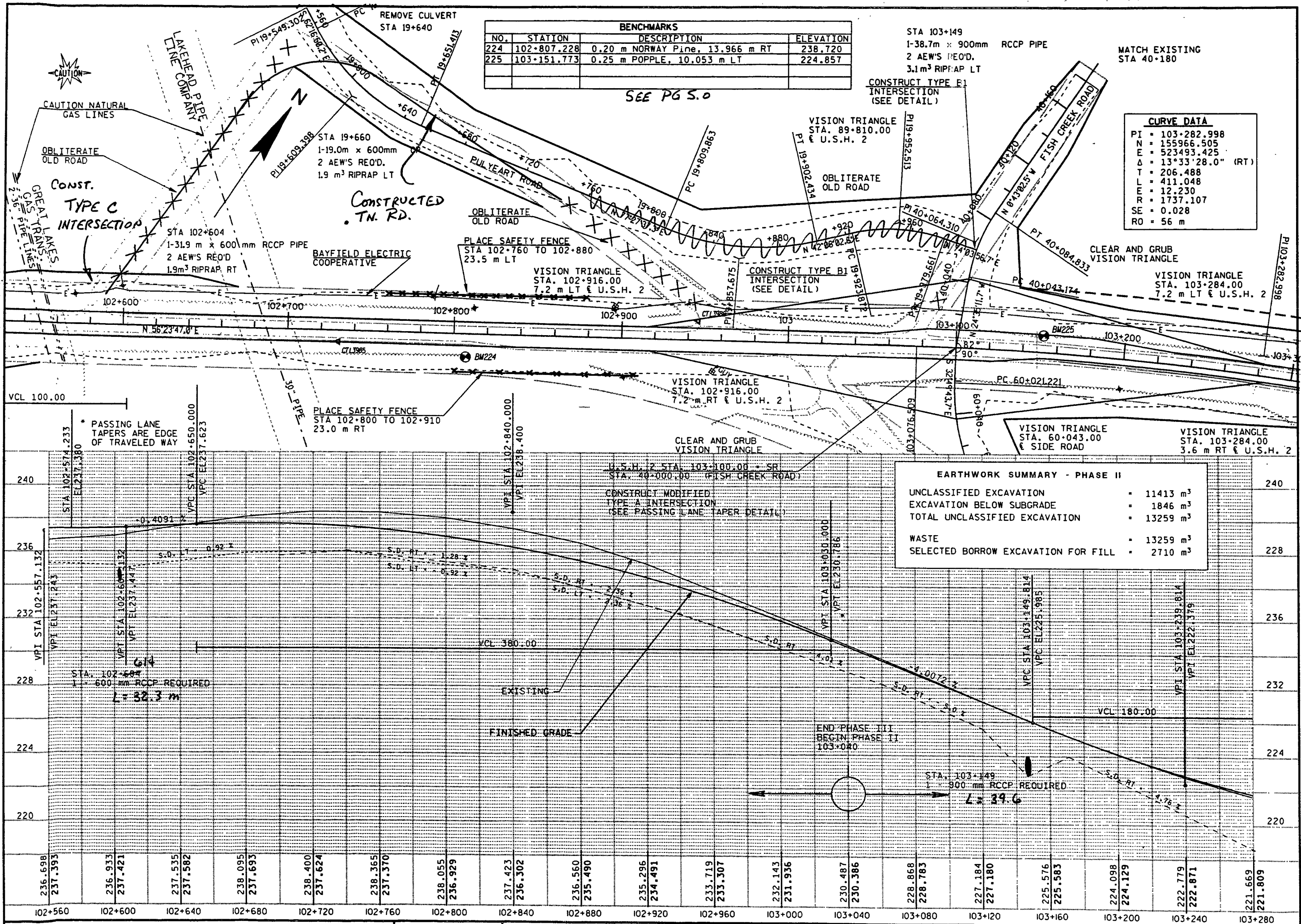
COUNTY: BAYFIELD

STATE PROJECT NO: 1180-17-71

SHEET NO: 5.15

M

FILE NAME: PROJ TS DB 1801700 DGN STH137 PB.DGN
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BENCHMARKS			
NO.	STATION	DESCRIPTION	ELEVATION
224	102+807.228	0.20 m NORWAY Pine, 13.966 m RT	238.720
225	103+151.773	0.25 m POPPLE, 10.053 m LT	224.857

CURVE DATA	
PI	103+282.998
N	155966.505
E	523493.425
Δ	13°33'28.0" (RT)
T	206.488
L	411.048
E	12.230
R	1737.107
SE	0.028
RO	56 m

STA 103+149
1-38.7m x 900mm RCCP PIPE
2 AEW'S REQ'D.
3.1m³ RIPRAP LT

CONSTRUCT TYPE B1
INTERSECTION
(SEE DETAIL)

VISION TRIANGLE
STA. 89+810.00
U.S.H. 2

CONSTRUCT TYPE B1
INTERSECTION
(SEE DETAIL)

CONSTRUCT MODIFIED
TYPE A INTERSECTION
(SEE PASSING LANE TAPER DETAIL)

EARTHWORK SUMMARY - PHASE II	
UNCLASSIFIED EXCAVATION	11413 m³
EXCAVATION BELOW SUBGRADE	1846 m³
TOTAL UNCLASSIFIED EXCAVATION	13259 m³
WASTE	13259 m³
SELECTED BORROW EXCAVATION FOR FILL	2710 m³

PI = 103.282.998
N = 155966.505
E = 523493.425
 $\Delta = 13^{\circ}33'28.0''$ (RT)
T = 206.488
L = 411.048
E = 12.230
R = 1737.107
SE = 0.028
R0 = 56 m

STA. 103+282.00
1 - 38.3 x 600 mm RCCP PIPE
2 AEW'S REQ'D
3.1 m³ RIP RAP LT

STA. 103+399.00
1 - 42.9 x 600 mm RCCP PIPE
2 AEW'S REQ'D
1.9 m³ RIP RAP LT

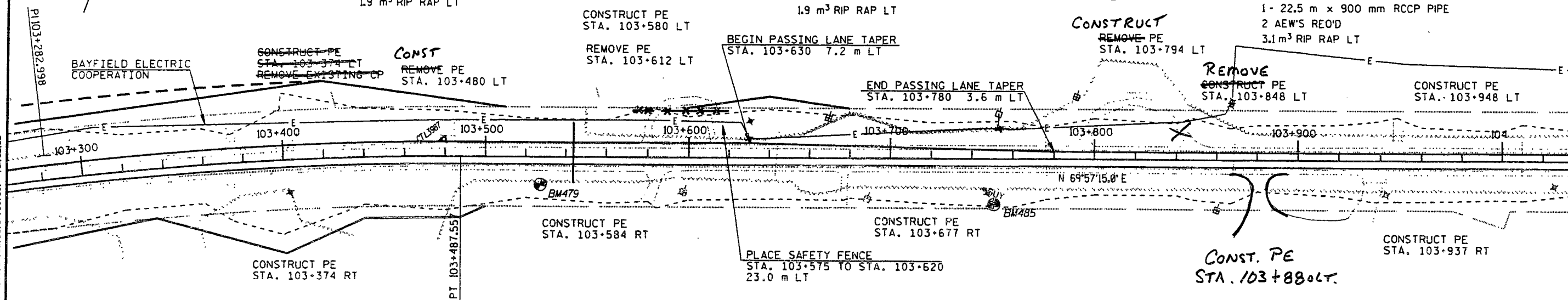
STA. 103+643.00
1 - 27.2 x 600 mm RCCP PIPE
2 AEW'S REQ'D
1.9 m³ RIP RAP LT

STA. 103+776.00
1- 23.3 x 600 mm RCCP PIPE
2 AEW'S REQ'D
1.9 m³ RIP RAP LT

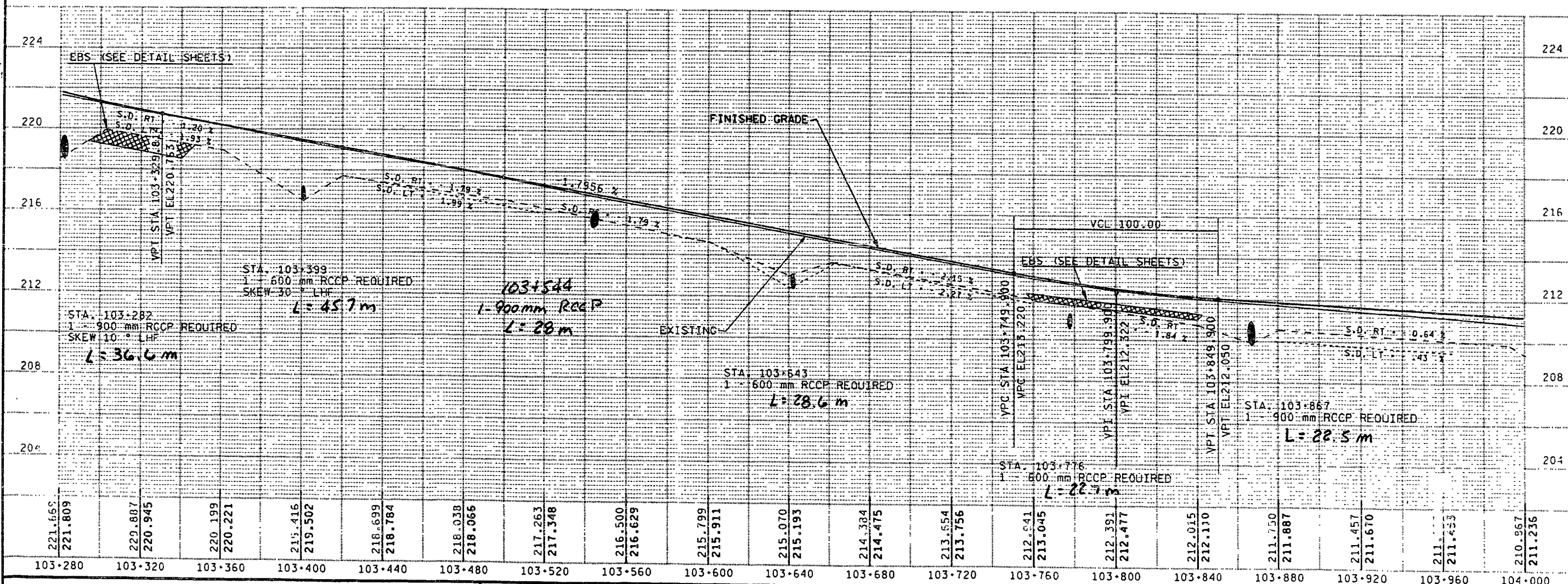
STA. 103+867.00
1- 22.5 m x 900 mm RCCP PIPE
2 AEW'S REQ'D
3.1m³ RIP RAP LT

BENCHMARKS			
NO.	STATION	DESCRIPTION	ELEVATION
479	103-527.323	BM 226: 0.26 m N.PINE 13.585 m RT	217.151
485	103-751.343	BM 227:NGS F-213 22.315 m RT	213.221

SEE PG 5.0



* PASSING LANE TAPERS ARE
EDGE OF TRAVELED WAY



INO - STH 13

SCALE: 1:2000 HWY: U.S.H. 2

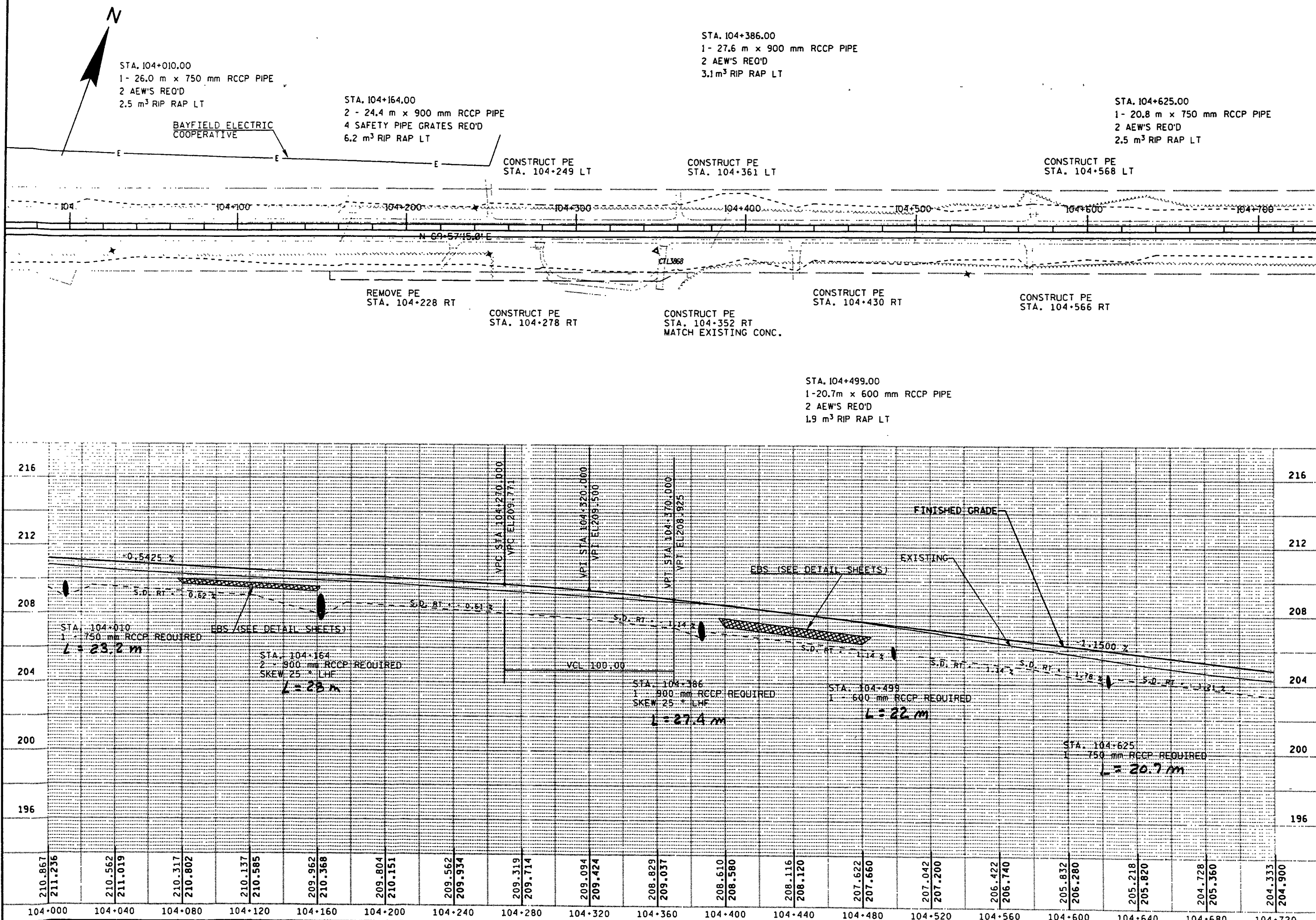
COUNTY: BAYFIELD

STATE PROJECT NO: 1180-17-71

SHEET NO: 5.17	M
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WLRDOT: MSHTA

FILE NAME: PROJECTS DB 1181700 DGN STH137 P10.DGN
LEVELS ON: 1181700.DGN, 1181700.P10, 1181700.P11, 1181700.P12, 1181700.P13, 1181700.P14, 1181700.P15, 1181700.P16, 1181700.P17, 1181700.P18, 1181700.P19, 1181700.P20, 1181700.P21, 1181700.P22, 1181700.P23, 1181700.P24, 1181700.P25, 1181700.P26, 1181700.P27, 1181700.P28, 1181700.P29, 1181700.P30, 1181700.P31, 1181700.P32, 1181700.P33, 1181700.P34, 1181700.P35, 1181700.P36, 1181700.P37, 1181700.P38, 1181700.P39, 1181700.P40, 1181700.P41, 1181700.P42, 1181700.P43, 1181700.P44, 1181700.P45, 1181700.P46, 1181700.P47, 1181700.P48, 1181700.P49, 1181700.P50, 1181700.P51, 1181700.P52, 1181700.P53, 1181700.P54, 1181700.P55, 1181700.P56, 1181700.P57, 1181700.P58, 1181700.P59, 1181700.P60, 1181700.P61, 1181700.P62, 1181700.P63



INO - STH 13

SCALE: 1:2000 HWY: U.S.H. 2

COUNTY: BAYFIELD

STATE PROJECT NO: 1180-17-71

SHEET NO: 5.18

M

WISDOT: MSH46



CURVE DATA	
PI	= 105+393.017
N	= 156690.421
E	= 525477.429
Δ	= 34°58'01.8" (LT)
T	= 411.863
L	= 797.999
E	= 63.331
R	= 1307.570
SE	= 0.035
RO	= 56 m

STA. 104+907
1- 32.0 m x 900 mm RCCP PIPE
2 AEW'S REQ'D
3.1 m³ RIP RAP

CONSTRUCT PE
STA. 105+201 LT

END BY-PASS LANE
TAPER 105+156.4
7.5 m LT

BEGIN BY-PASS LANE
TAPER 105+253.7
7.5 m LT

END BY-PASS LANE
TAPER 105+314.7
3.6 m LT

BEGIN BY-PASS LANE
TAPER 105+086.1
3.6 m LT

CONSTRUCT PE
STA. 104+848 LT

CONSTRUCT PE
STA. 104+959 LT

STA. 104+920
END GRADING M/L

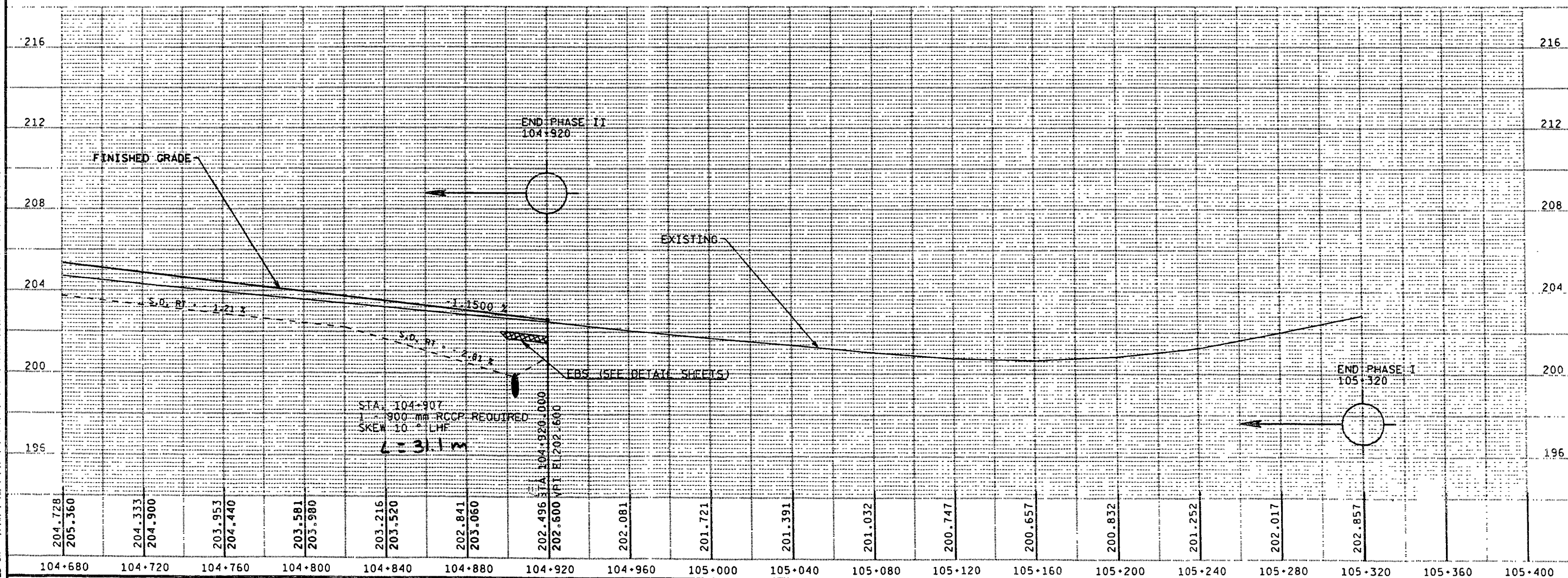
BEGIN 2.4 m WIDE
PAVED SHOULDER OVERLAY
LT/RT

VISION TRIANGLE
STA. 105+023.00
3.6 m RT & USH 2

BEGIN 3.0 m WIDE
PAVED SHOULDER OVERLAY
105+220 RT AND
105+267.78 LT

EXPERIMENTAL FARM ROAD

* PASSING LANE TAPERS ARE
EDGE OF TRAVELED WAY



FILE NAME: PROJECTS DB 11801700 DGN STH137 PILDON
LEVELS ON: 11801700.DGN, 11801700.PLT, 11801700.PDF, 11801700.PSD, 11801700.TIF, 11801700.XPS, 11801700.ZIP, 11801700.1, 11801700.2, 11801700.3, 11801700.4, 11801700.5, 11801700.6, 11801700.7, 11801700.8, 11801700.9, 11801700.10, 11801700.11, 11801700.12, 11801700.13, 11801700.14, 11801700.15, 11801700.16, 11801700.17, 11801700.18, 11801700.19, 11801700.20, 11801700.21, 11801700.22, 11801700.23, 11801700.24, 11801700.25, 11801700.26, 11801700.27, 11801700.28, 11801700.29, 11801700.30, 11801700.31, 11801700.32, 11801700.33, 11801700.34, 11801700.35, 11801700.36, 11801700.37, 11801700.38, 11801700.39, 11801700.40, 11801700.41, 11801700.42, 11801700.43, 11801700.44, 11801700.45, 11801700.46, 11801700.47, 11801700.48, 11801700.49, 11801700.50, 11801700.51, 11801700.52, 11801700.53, 11801700.54, 11801700.55, 11801700.56, 11801700.57, 11801700.58, 11801700.59, 11801700.60, 11801700.61, 11801700.62, 11801700.63, 11801700.64, 11801700.65, 11801700.66, 11801700.67, 11801700.68, 11801700.69, 11801700.70, 11801700.71, 11801700.72, 11801700.73, 11801700.74, 11801700.75, 11801700.76, 11801700.77, 11801700.78, 11801700.79, 11801700.80, 11801700.81, 11801700.82, 11801700.83, 11801700.84, 11801700.85, 11801700.86, 11801700.87, 11801700.88, 11801700.89, 11801700.90, 11801700.91, 11801700.92, 11801700.93, 11801700.94, 11801700.95, 11801700.96, 11801700.97, 11801700.98, 11801700.99, 11801700.100

INO - STH 13

SCALE: 1:2000 HWY: U.S.H. 2

COUNTY: BAYFIELD

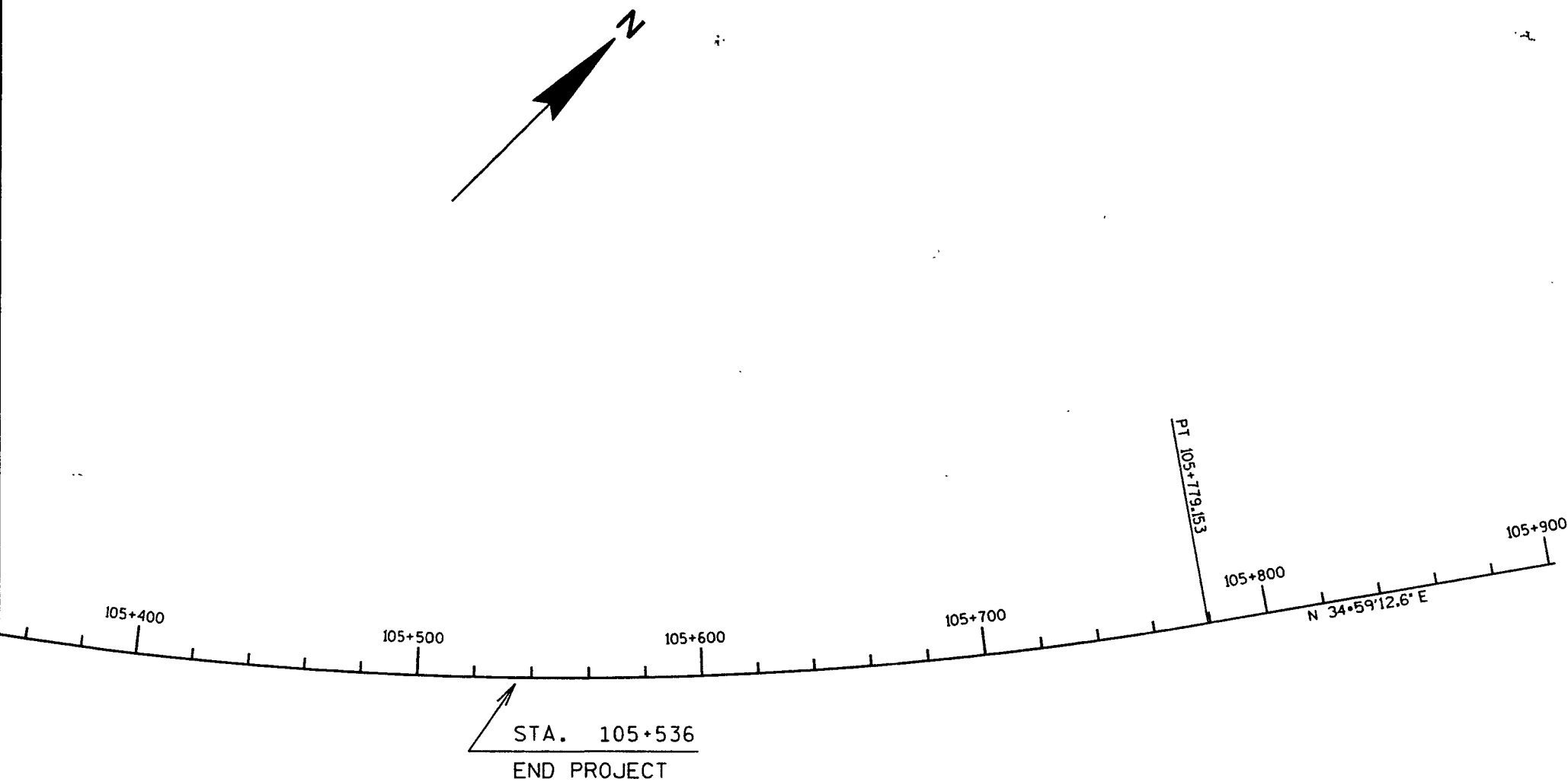
STATE PROJECT NO: 1180-17-71

SHEET NO: 5.19

M

WISDOT: MSHT46

FILE NAME: E:\CIS-D8-11801700-DGN-SI137.P13.DGN
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CURVE DATA	
PI	= 105+393.017
N	= 156690.421
E	= 525477.429
Δ	= 34°58'01.8" (LT)
T	= 411.863
L	= 797.999
E	= 63.331
R	= 1307.570
SE	= 0.035
RO	= 56 m

INO - 13

SCALE: 1:

HWY: U.S.H.2

COUNTY: BAYFIELD

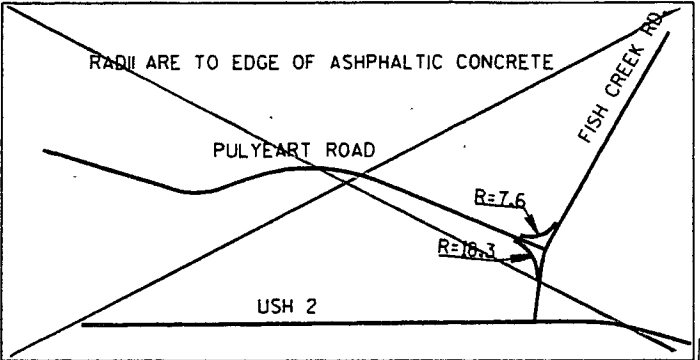
STATE PROJECT NO: 1180-17-71

SHEET NO: 5.20

M

WISDOT: MSHT20
7-1-2000

CURVE DATA	
PI	= 19+857.675
N	= 155834.089
E	= 523204.721
Δ	= 35°21'34.7" (LT)
T	= 47.813
L	= 92.571
E	= 7.436
RR	= 150.000
SE	= 0.03
RO	= 17 m



BENCHMARKS			
NO.	STATION	DESCRIPTION	ELEVATION
224	102+807.228	0.20m N.PINE, 13.966 m RT	238.720
225	103+151.773	0.25m POPPLE, 10.053 m LT	224.857

CURVE DATA	
PI	= 19+952.513
N	= 155906.722
E	= 523270.351
Δ	= 31°57'54.1" (RT)
T	= 28.642
L	= 55.789
E	= 4.021
RR	= 100.000
SE	= 0.03
RO	= 17 m

CURVE DATA	
PI	= 40+064.310
N	= 155923.572
E	= 523314.339
Δ	= 23°52'09.2" (RT)
T	= 21.136
L	= 41.660
E	= 2.209
RR	= 100.000
SE	= NC
RO	= 17 m

CURVE DATA	
PI	= 19+609.398
N	= 155779.359
E	= 522958.655
Δ	= 40°15'32.5" (LT)
T	= 45.817
L	= 87.832
E	= 8.132
RR	= 125.000
SE	= NC
RO	= 17 m

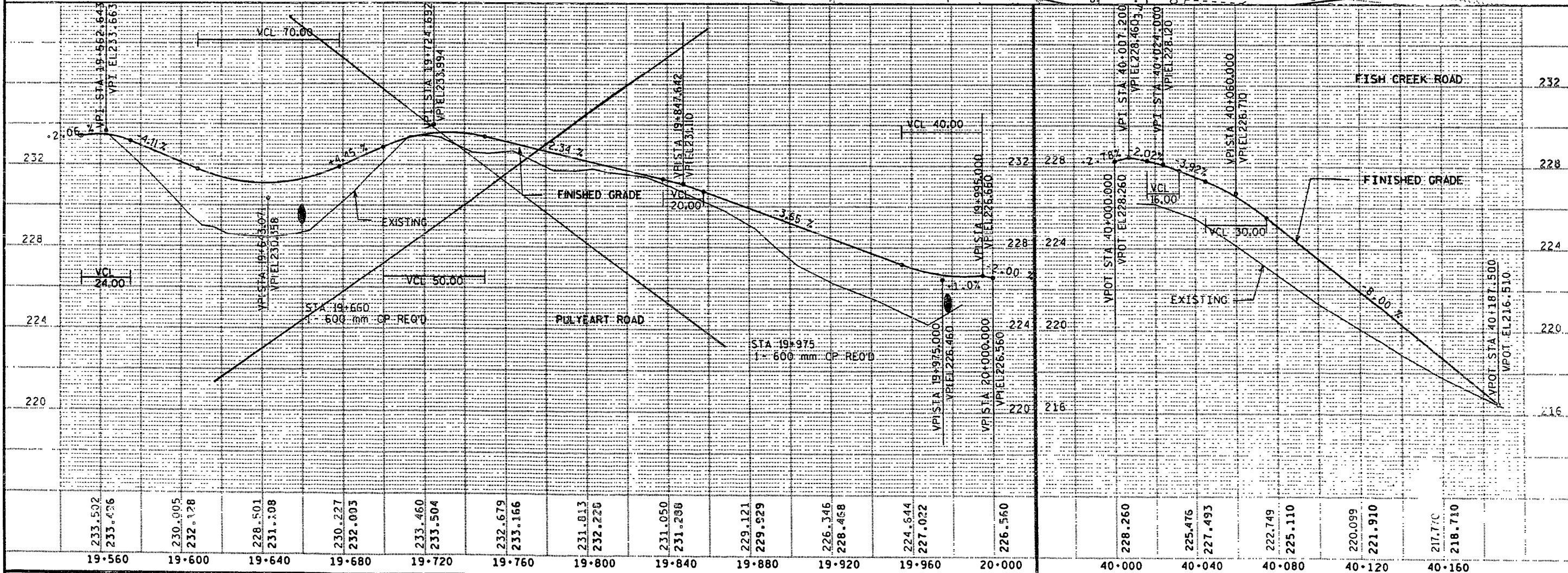
STA 102+604
1-31.9 m x 600 mm RCCP PIPE
2 AEW'S REQ'D
1.9m³ RIPRAP RT

STA 19+660
1-19.0m x 600mm CP
2 AEW'S REQ'D
1.9 m³ RIPRAP LT

STA 103+149
1-38.7m x 900mm RCCP PIPE
2 AEW'S REQ'D
3.1m³ RIPRAP LT

CONST.
TYPE 'C'
INTERSECTION

CONST.
TN. RD



FILE NAME: PROJECT'S DB 11801700 DON STH137 PILDON
LEVELS ON: 11801700 DON STH137 PILDON
24.25.26.27.28.29.30.31.32.33.34.35.36.37.38.40.41.42.43.44.45.46.47.48.49.50.51.52.53.54.55.56.57.58.59.60.61.62.63

FILE NAME: PROJECTS DB 11801700 S.R. STH37 P14.DGN
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SIDE ROAD PROFILES

SCALE: 1:

HWY: U.S.H. 2

COUNTY: BAYFIELD

STATE PROJECT NO: 1180-17-71

SHEET NO: 5.23



FILE NAME: PROJECTS DB 11801700 S.R. ST137 P14.DGN
LEVELS ON: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63

