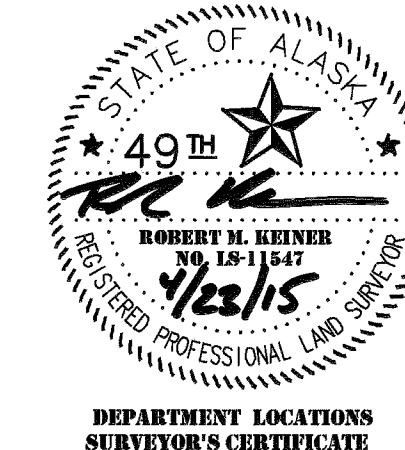


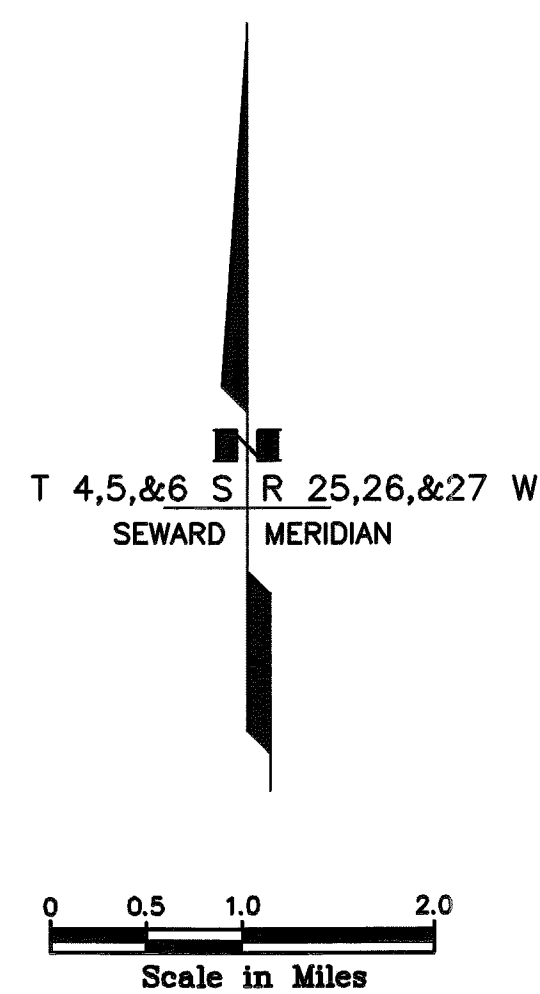
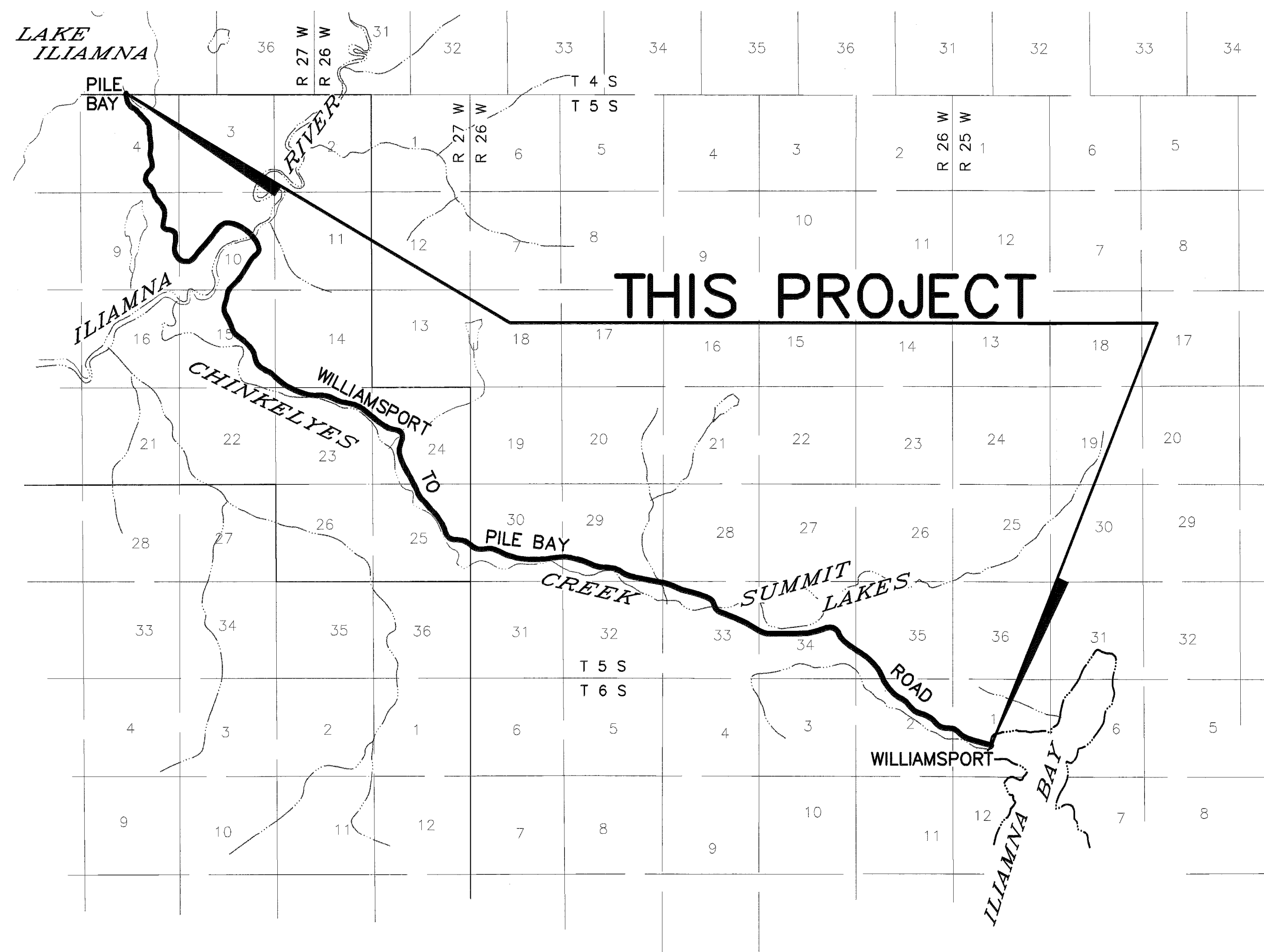
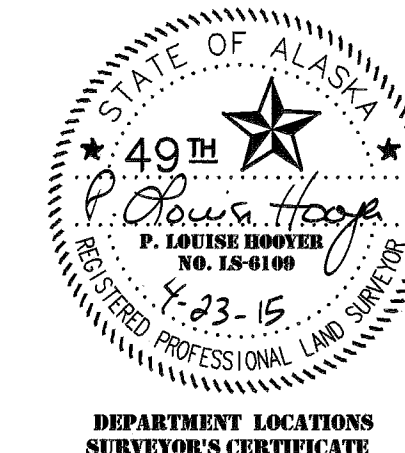
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES

RECORD OF SURVEY RIGHT OF WAY BASE MAP ALASKA PROJECT WILLIAMSPORT TO PILE BAY ROAD STATE PROJECT No. 52775

DEPARTMENT LOCATIONS SURVEYOR'S CERTIFICATE
I HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF ALASKA AND THAT ALL RIGHT-OF-WAY CENTERLINE MONUMENT LOCATIONS HAVE BEEN ESTABLISHED AS INDICATED ON THE RIGHT-OF-WAY PLANS, ALL EXISTING FOUND SUBDIVISION MONUMENTS, PROPERTY CORNERS AND SECTION LINE MONUMENTATION AS INDICATED ON THE RIGHT-OF-WAY PLANS HAVE BEEN REFERENCED TO PROJECT SURVEY CONTROLS BY ME OR UNDER MY SUPERVISION.
DATE 4-23-2015 REGISTRATION NUMBER LS 11547
RM
ROBERT M. KEINER



DEPARTMENT RIGHT-OF-WAY SURVEYOR'S CERTIFICATE
I HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF ALASKA AND THAT THIS PLAT WAS MADE BY ME OR UNDER MY SUPERVISION. THIS PLAT WAS BASED UPON THE MONUMENTS RECOVERED DURING THE DEPARTMENT'S LOCATIONS SURVEY FOR THIS PROJECT.
DATE 4-23-15 REGISTRATION NUMBER 18-9109
P. Louise Hooyer
P. LOUISE HOOYER



VICINITY MAP

U.S.G.S. QUADS. ILIAMNA C-2, C-3, & D-3, ALASKA

1" = 1 MILE

Iliamna Recording District PL 2015-2

DEPARTMENT OF
TRANSPORTATION & PUBLIC FACILITIES

APPROVED April 23, 2015
Date

REGIONAL CHIEF R/W AGENT

RECORD OF SURVEY
THIS SURVEY DOES NOT CONSTITUTE A SUBDIVISION AS DEFINED BY AS 40.15.900(5).

LOCATED WITHIN
PROTRACTED SECTIONS 1 & 2
TOWNSHIP 6 SOUTH, RANGE 26 WEST
AND
PROTRACTED SECTIONS 28,29,30,32,33,34,35
TOWNSHIP 5 SOUTH, RANGE 26 WEST
AND
PROTRACTED SECTIONS 4,9,10,14,15,23,24,25
TOWNSHIP 5 SOUTH, RANGE 27 WEST
AND
PROTRACTED SECTION 35
TOWNSHIP 4 SOUTH, RANGE 27 WEST
SEWARD MERIDIAN, ALASKA

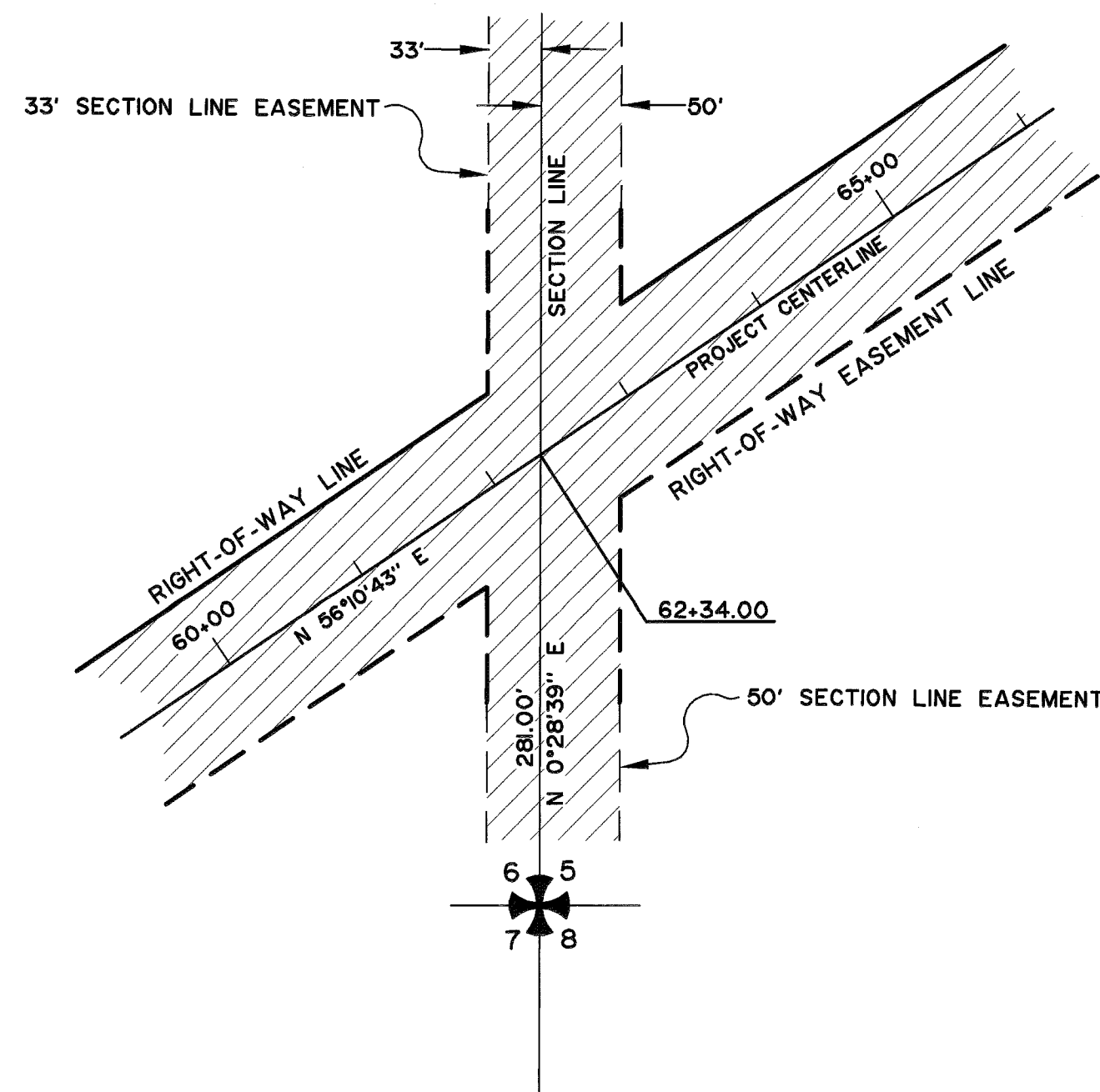
STATE BUSINESS - NO FEE

Iliamna Recording District
Sheet 1 of 29

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FED. GOV'T SECTION CORNER		RECOVERED
FED. GOV'T 1/4 SECTION CORNER		
FED. GOV'T 1/16 SECTION CORNER		
FED. GOV'T SURVEY MONUMENT		
FED. GOV'T SURVEY CORNER		
GOV'T CONTROL STA.		
PRIMARY MONUMENT (BRASS/AL CAP)		
MISC. SECONDARY CORNER		
AK DOT&PF GPS CONTROL POINT		
CONTROL POINT		
INTERNATIONAL BOUNDARY LINE		ALASKA CANADA
TOWNSHIP & RANGE LINE		T. 13 N. T. 12 N. R. 2 W. R. 3 W.
SECTION LINE		
1/4 SECTION LINE		
1/16 SECTION LINE		
CORPORATE or CITY LIMITS		

SECTION LINE EASEMENT AND SECTION LINE-CENTERLINE INTERSECTION



HIGHWAY MILEPOST		45 157+25.00
OVERHEAD FIBER OPTIC CABLE		OH FO
UNDERGROUND FIBER OPTIC CABLE		UG FO
EXISTING RIGHT-OF-WAY		
STATION EQUATION		STA. 14+33.22 BK. = STA. 16+90.17 AHD.
PROJECT CENTERLINE		27+00
EXISTING CENTERLINE		
EXISTING RIGHT-OF-WAY LINE		
EXISTING PROPERTY LINE		
CONTROLLED ACCESS LINE		
PERMIT LINE		
EXISTING EASEMENT LINE		
LIMIT OF CUT SLOPE		
LIMIT OF FILL SLOPE		
PROPOSED ROADWAY		
EXISTING ROADWAY		
NOISE BARRIER		
FENCE		
STONE FENCE		
HEAD & WINGWALL		
GUARD RAIL		
RETAINING WALL		
TUNNEL		
INTERMITTENT DRAINAGE		
INTERCEPTOR DITCH		
MARSHLAND		
CREEK		
RIVER		
LAKE		
RESERVOIR		
CHANNEL CHANGE		

	EXISTING	PROPOSED
PIPELINES:		
SANITARY SEWER		
OIL		
GAS		
WATER		
STORM DRAIN		
SIDEWALK		
CONCRETE CURB		
CONCRETE CURB & GUTTER		
DRIVEWAY, APPROACH, & SIDEDRAIN		
BRIDGE		
RIPRAP		
U.G. TELEPHONE (DIRECT BURY)		
U.G. ELECTRIC (DIRECT BURY)		
U.G. DUCT		
TELEPHONE MANHOLE		
ELECTRIC MANHOLE		
FOUNDATION		
BUILDING		
MANHOLE		
FIRE HYDRANT		
ELECTRIC METER		
PIPE CULVERT		
UTILITY POLE		
ELECTROLIER		
UTILITY POLE WITH LUMINAIRE		
POLE ANCHOR		
TRANSMISSION TOWER (WOOD)		
TRANSMISSION TOWER (STEEL)		
ELECTRICAL PEDESTAL		
TELEPHONE PEDESTAL		
CABLE T.V. PEDESTAL		

	EXISTING
PLANTER	
VENT	
TANK VENT	
WELL	
SEPTIC	
TANKS	
Above Ground	
Below Ground	
SATELLITE DISH	
ELECTRICAL OUTLET	
PRIVATE SIGN	
GAS PUMP	
POST	
BOULDER OR BOULDERS	
LANDSCAPE LIGHT	
DECIDUOUS TREE	
CONIFEROUS TREE	
SHRUB OR SHRUBS	

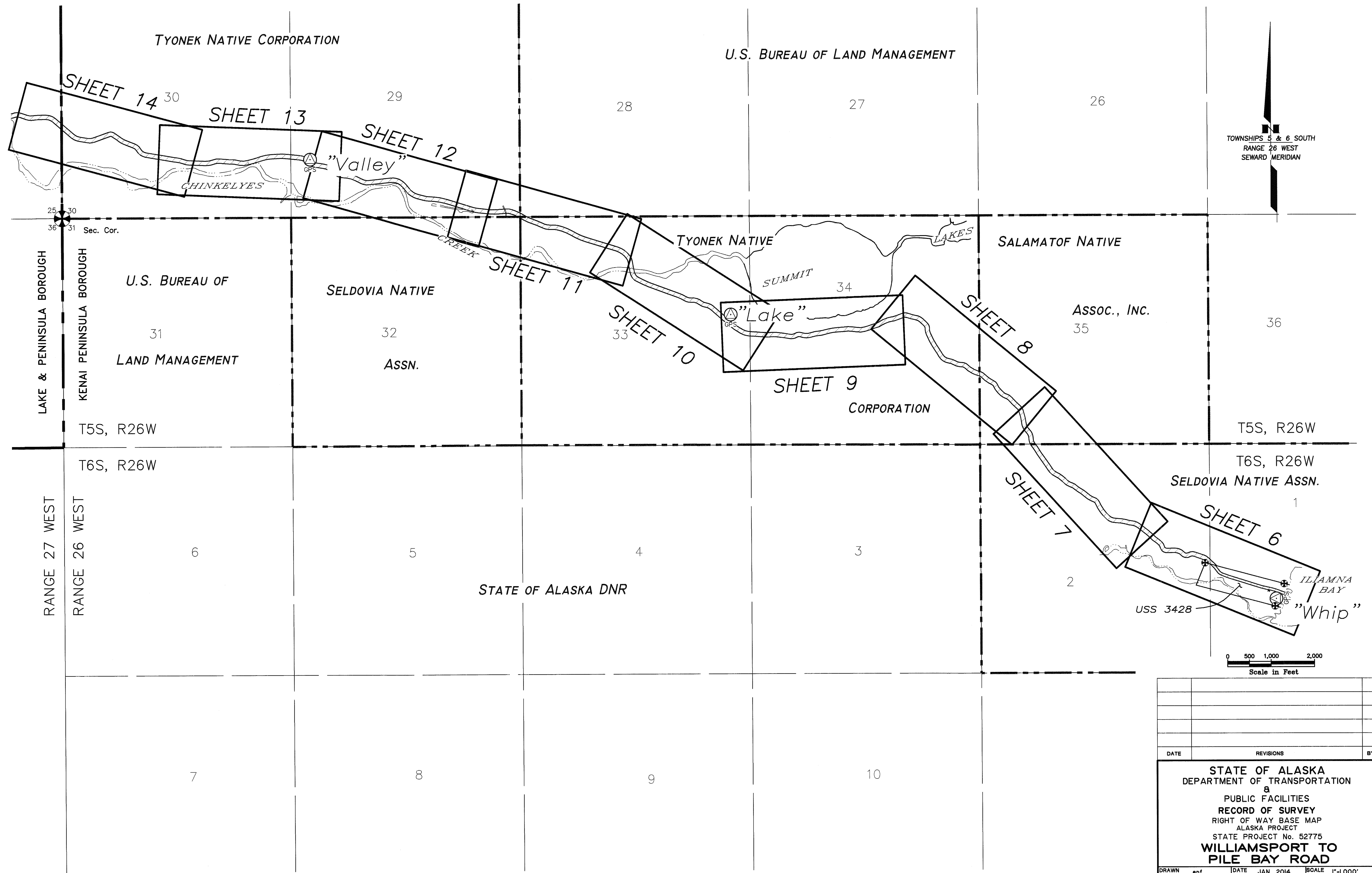
23-48-03 = ANGULAR MEASUREMENT IN DEGREES - MINUTES - SECONDS

Iliamna Recording District PL 2015-2

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RECORD OF SURVEY
RIGHT OF WAY BASE MAP
ALASKA PROJECT
STATE PROJECT No. 52775
**WILLIAMSPORT TO
PILE BAY ROAD**

DRAWN	epf	DATE	SEPT. 2013	SCALE	NONE
CHECKED		DATE		SHEET	2 OF 29

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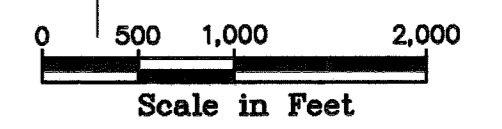
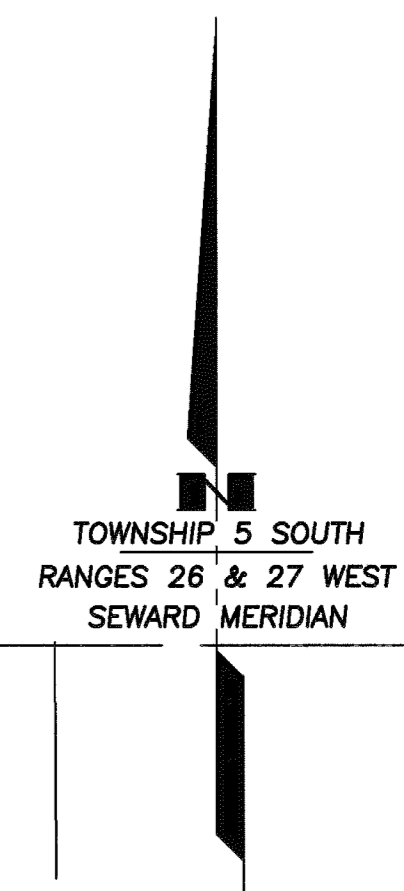
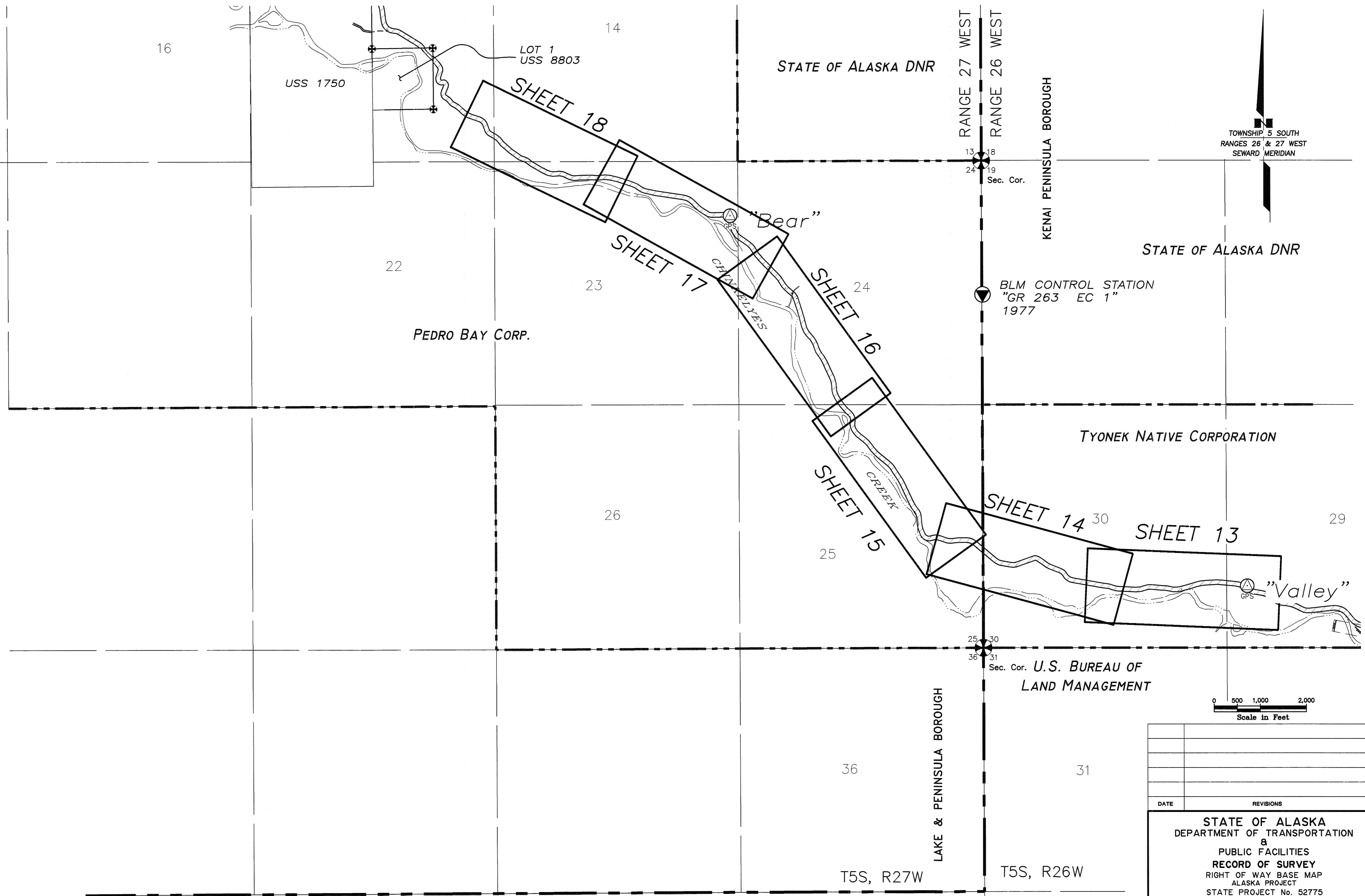
DATE	REVISIONS	BY

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 &
 PUBLIC FACILITIES
 RECORD OF SURVEY
 RIGHT OF WAY BASE MAP
 ALASKA PROJECT
 STATE PROJECT No. 52775
**WILLIAMSSPORT TO
 PILE BAY ROAD**

DRAWN	epf	DATE	JAN. 2014	SCALE	1"=1,000'
CHECKED	PLH	DATE		SHEET	3 OF 29

Iliamna Recording District PL 2015-2

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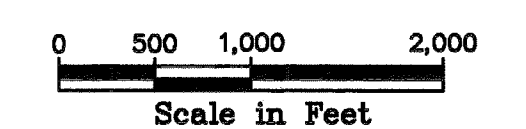
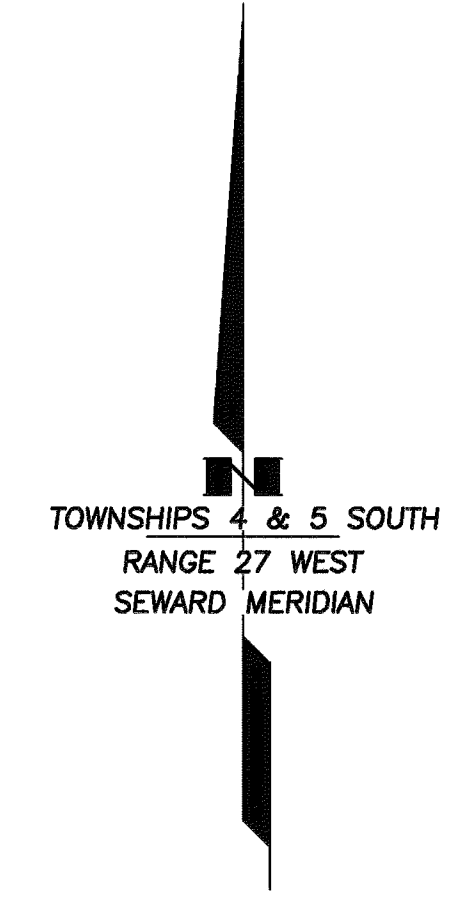
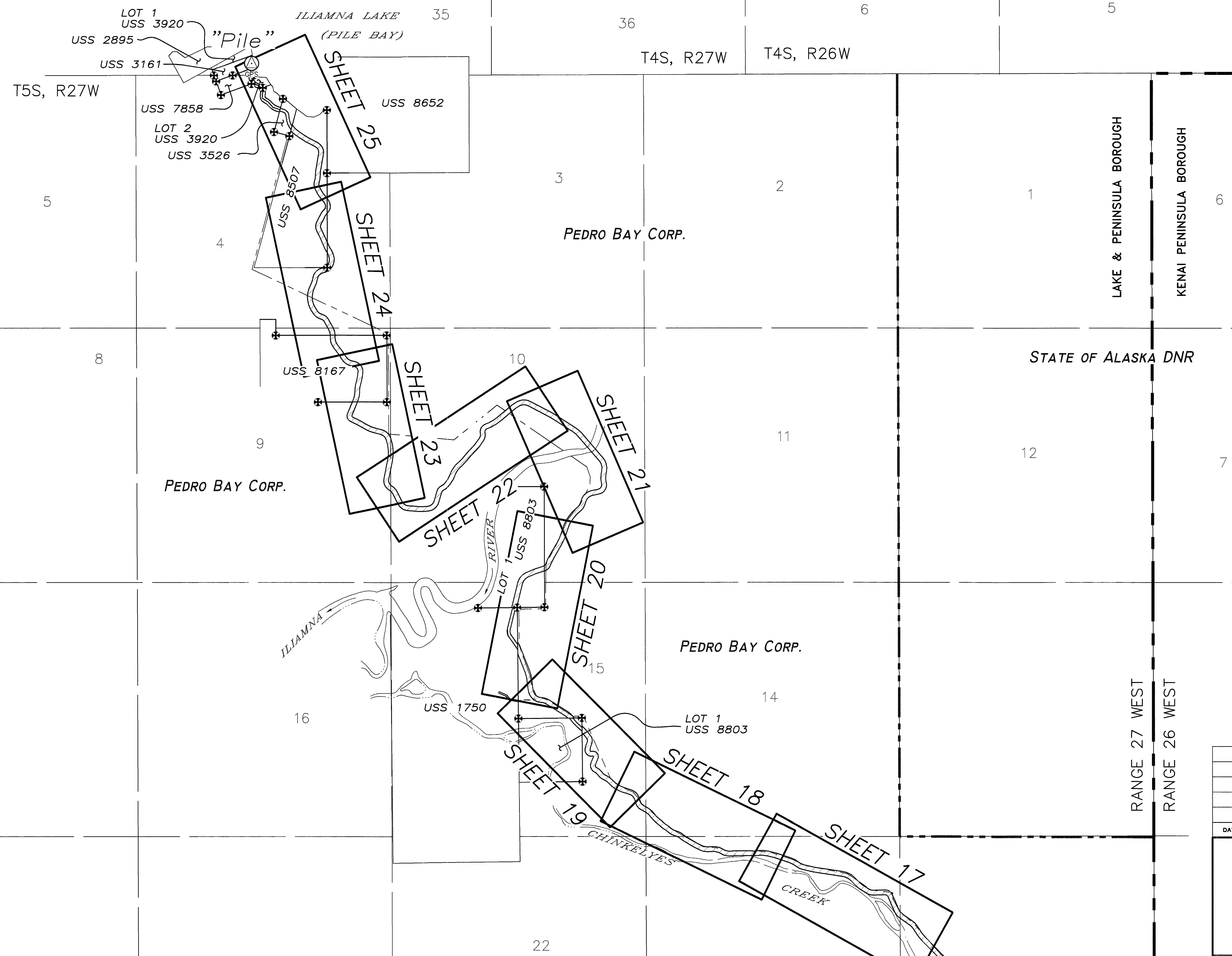
DATE	REVISIONS	BY

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 &
 PUBLIC FACILITIES
 RECORD OF SURVEY
 RIGHT OF WAY BASE MAP
 ALASKA PROJECT
 STATE PROJECT No. 52775
**WILLIAMS PORT TO
 PILE BAY ROAD**

DRAWN	epf	DATE	JAN. 2014	SCALE	1"=1,000'
CHECKED	PLH	DATE		SHEET	4 OF 29

Iliamna Recording District PL 2015-2

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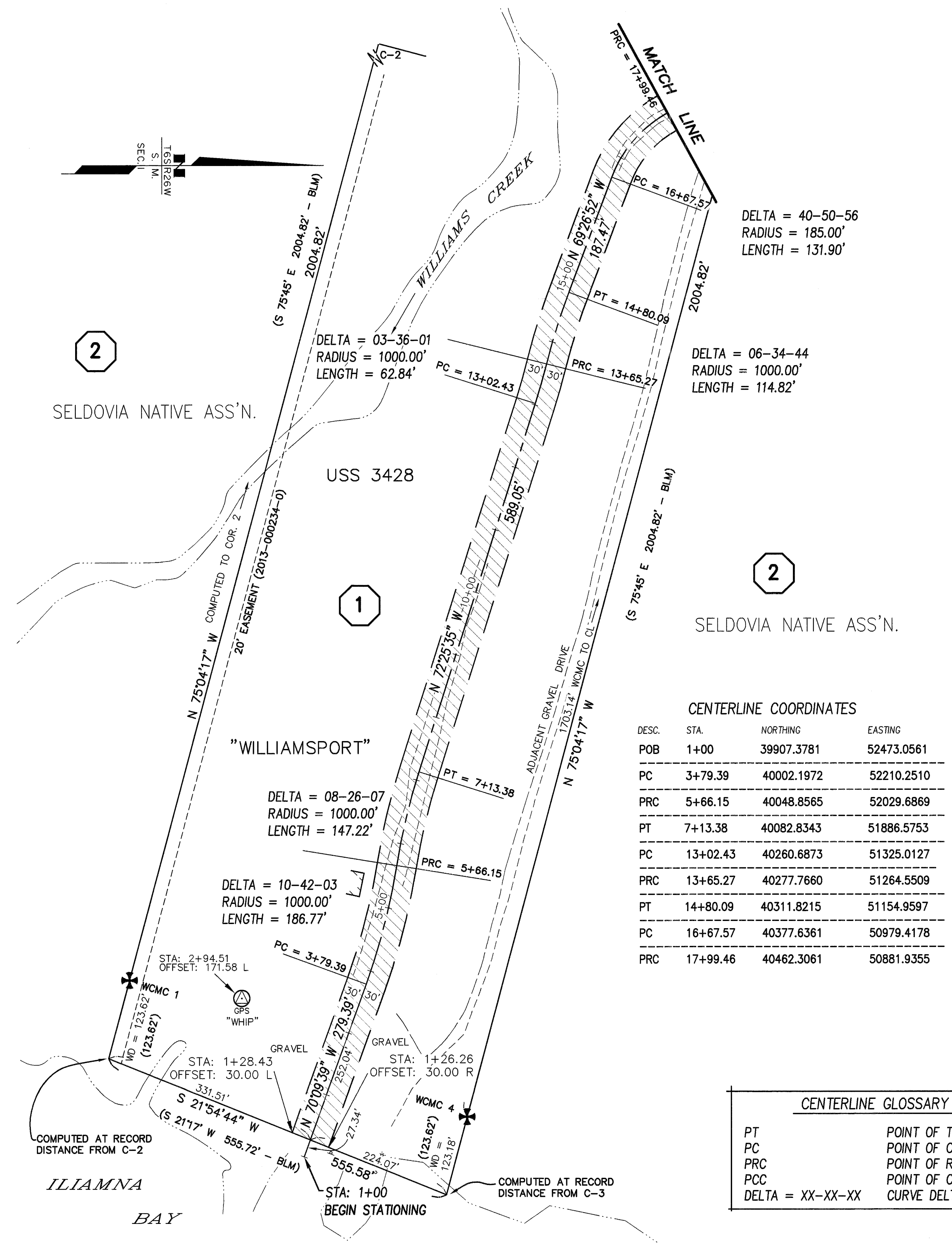
DATE	REVISIONS	BY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RECORD OF SURVEY
RIGHT OF WAY BASE MAP
ALASKA PROJECT
STATE PROJECT No. 52775
**WILLIAMSPORT TO
PILE BAY ROAD**

DRAWN	epf	DATE	JAN. 2014	SCALE	1"=1,000'
CHECKED	PLH	DATE		SHEET	5 OF 29

Iliamna Recording District PL 2015-2

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DELTA = 40-50-56
RADIUS = 185.00'
LENGTH = 131.90'

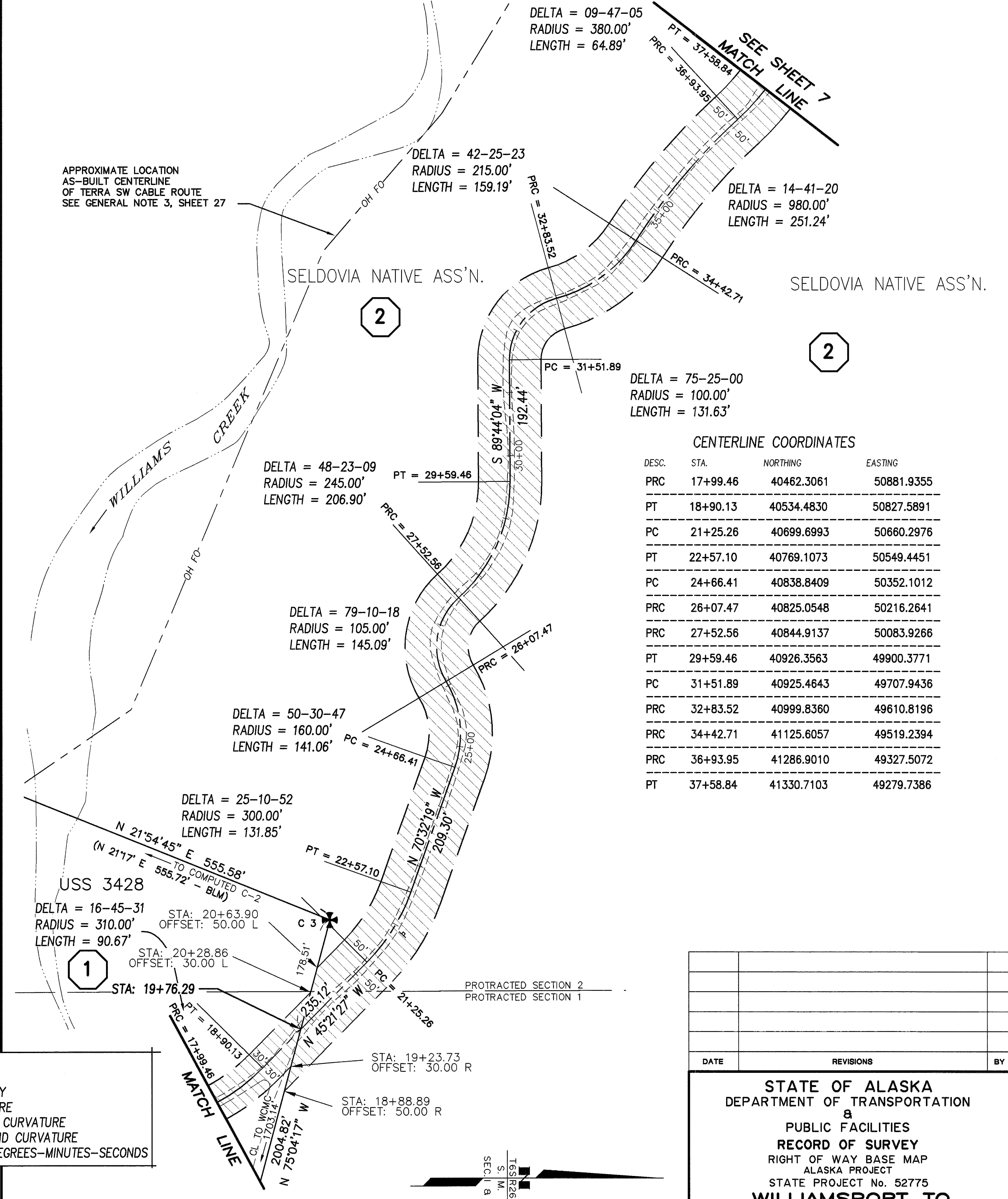
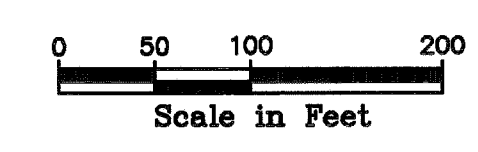
DELTA = 06-34-44
RADIUS = 1000.00'
LENGTH = 114.82'

CENTERLINE COORDINATES

DESC.	STA.	NORTHING	EASTING
POB	1+00	39907.3781	52473.0561
PC	3+79.39	40002.1972	52210.2510
PRC	5+66.15	40048.8565	52029.8869
PT	7+13.38	40082.8343	51886.5753
PC	13+02.43	40260.6873	51325.0127
PRC	13+65.27	40277.7660	51264.5509
PT	14+80.09	40311.8215	51154.9597
PC	16+67.57	40377.6361	50979.4178
PRC	17+99.46	40462.3061	50881.9355

CENTERLINE GLOSSARY

PT	POINT OF TANGENCY
PC	POINT OF CURVATURE
PRC	POINT OF REVERSE CURVATURE
PCC	POINT OF COMPOUND CURVATURE
DELTA = XX-XX-XX	CURVE DELTA IN DEGREES-MINUTES-SECONDS



DELTA = 09-47-05
RADIUS = 380.00'
LENGTH = 64.89'

DELTA = 42-25-23
RADIUS = 215.00'
LENGTH = 159.19'

DELTA = 48-23-09
RADIUS = 245.00'
LENGTH = 206.90'

DELTA = 79-10-18
RADIUS = 105.00'
LENGTH = 145.09'

DELTA = 50-30-47
RADIUS = 160.00'
LENGTH = 141.06'

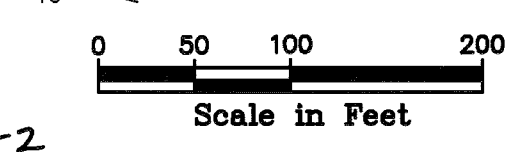
DELTA = 25-10-52
RADIUS = 300.00'
LENGTH = 131.85'

DELTA = 16-45-31
RADIUS = 310.00'
LENGTH = 90.67'

DELTA = 75-25-00
RADIUS = 100.00'
LENGTH = 131.63'

CENTERLINE COORDINATES

DESC.	STA.	NORTHING	EASTING
PRC	17+99.46	40462.3061	50881.9355
PT	18+90.13	40534.4830	50827.5891
PC	21+25.26	40699.6993	50660.2976
PT	22+57.10	40769.1073	50549.4451
PC	24+66.41	40838.8409	50352.1012
PRC	26+07.47	40825.0548	50216.2641
PRC	27+52.56	40844.9137	50083.9266
PT	29+59.46	40926.3563	49900.3771
PC	31+51.89	40925.4643	49707.9436
PRC	32+83.52	40999.8360	49610.8196
PRC	34+42.71	41125.6057	49519.2394
PRC	36+93.95	41286.9010	49327.5072
PT	37+58.84	41330.7103	49279.7386



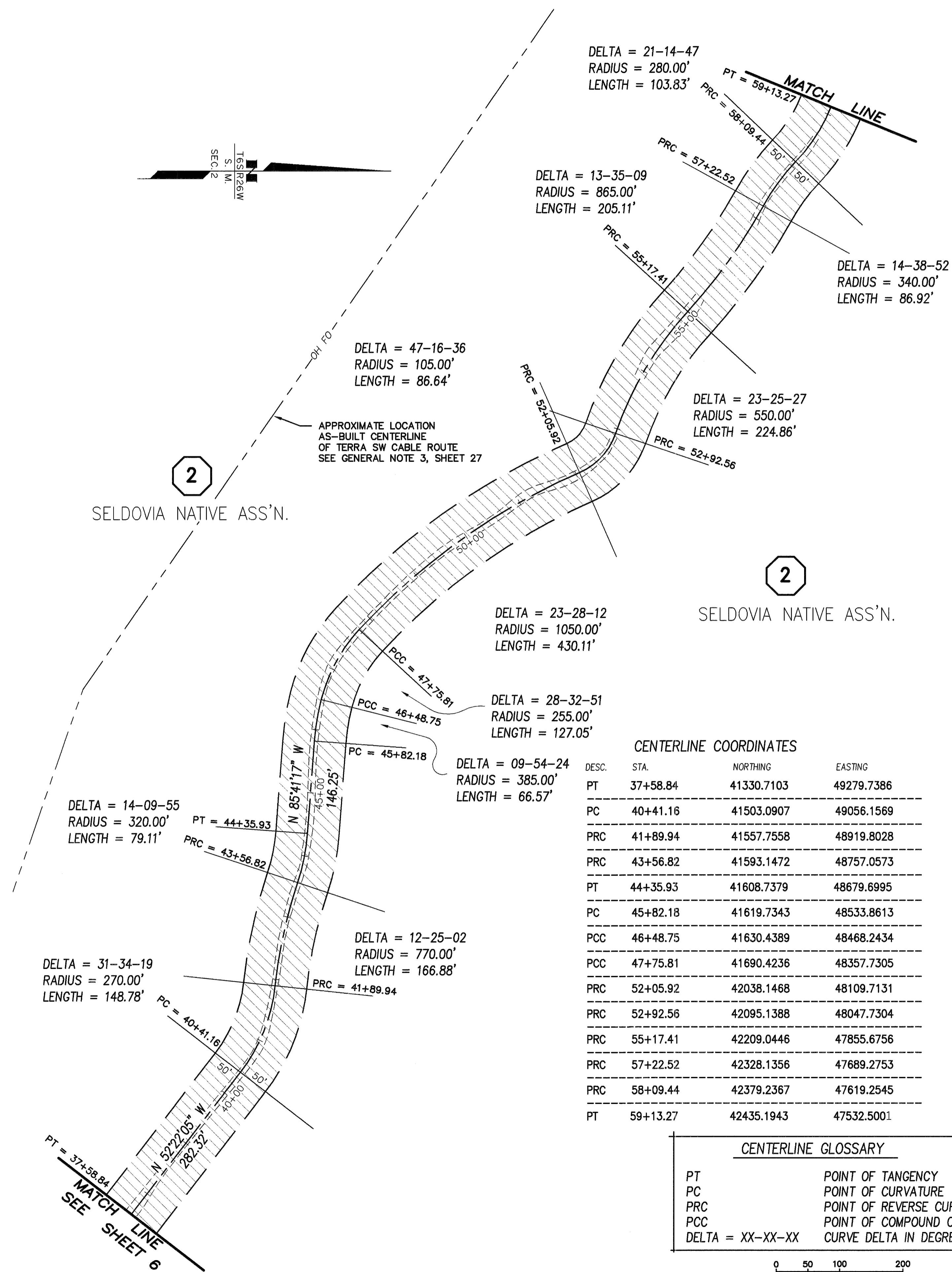
SEE "ROW GENERAL NOTES", SHEET 28
Iliamna Recording District PL 2015-2

DATE	REVISIONS	BY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
PUBLIC FACILITIES
RECORD OF SURVEY
RIGHT OF WAY BASE MAP
ALASKA PROJECT
STATE PROJECT No. 52775
**WILLIAMSPORT TO
PILE BAY ROAD**

DRAWN	epf	DATE	JAN. 2014	SCALE	1" = 100'
CHECKED	PLH	DATE		SHEET	6 OF 29

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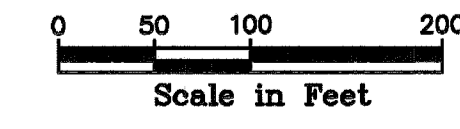


CENTERLINE COORDINATES

DESC.	STA.	NORTHING	EASTING
PT	37+58.84	41330.7103	49279.7386
PC	40+41.16	41503.0907	49056.1569
PRC	41+89.94	41557.7558	48919.8028
PRC	43+56.82	41593.1472	48757.0573
PT	44+35.93	41608.7379	48679.6995
PC	45+82.18	41619.7343	48533.8613
PCC	46+48.75	41630.4389	48468.2434
PCC	47+75.81	41690.4236	48357.7305
PRC	52+05.92	42038.1468	48109.7131
PRC	52+92.56	42095.1388	48047.7304
PRC	55+17.41	42209.0446	47855.6756
PRC	57+22.52	42328.1356	47689.2753
PRC	58+09.44	42379.2367	47619.2545
PT	59+13.27	42435.1943	47532.5001

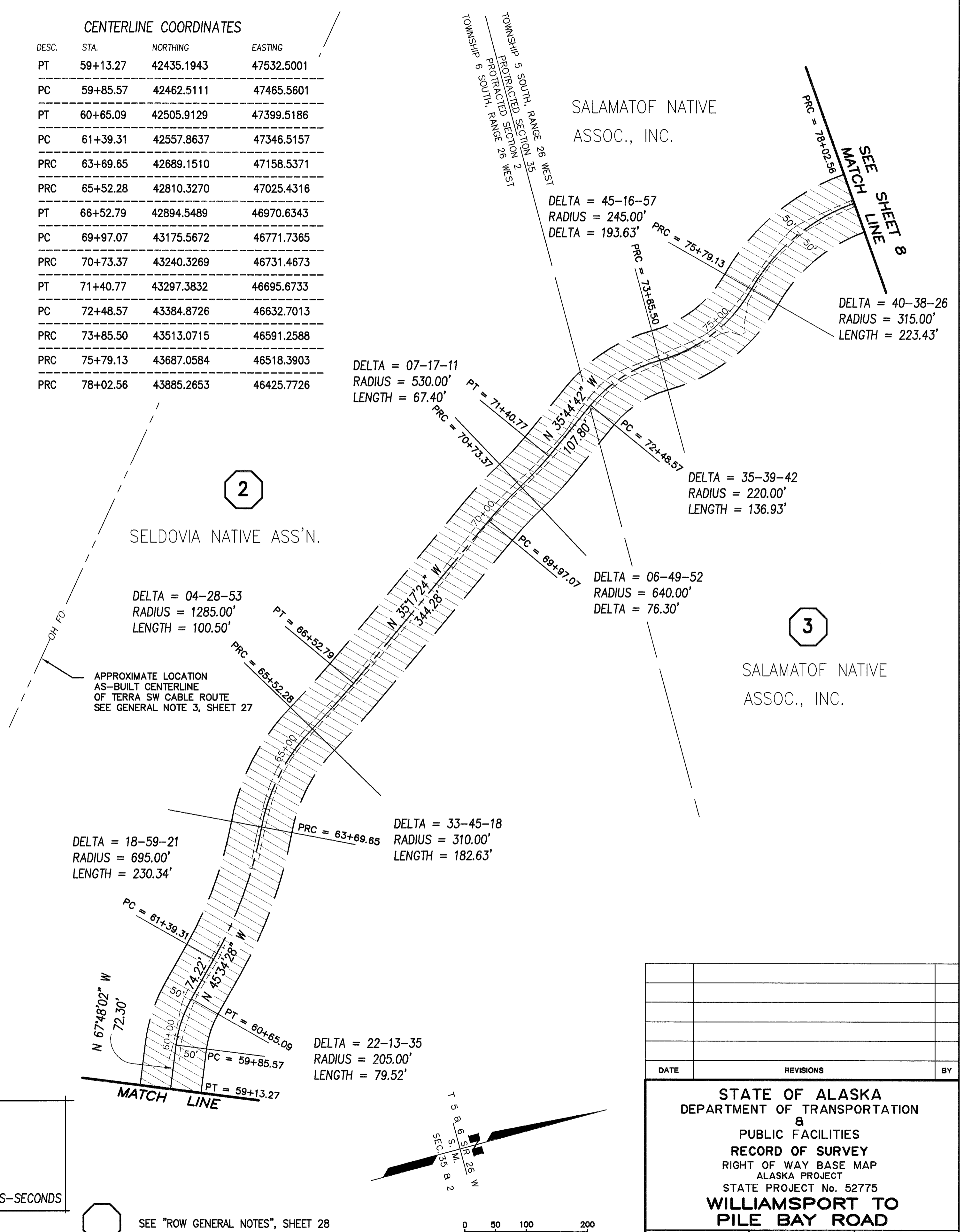
CENTERLINE GLOSSARY

PT	POINT OF TANGENCY
PC	POINT OF CURVATURE
PRC	POINT OF REVERSE CURVATURE
PCC	POINT OF COMPOUND CURVATURE
DELTA = XX-XX-XX	CURVE DELTA IN DEGREES-MINUTES-SECONDS



CENTERLINE COORDINATES

DESC.	STA.	NORTHING	EASTING
PT	59+13.27	42435.1943	47532.5001
PC	59+85.57	42462.5111	47465.5601
PT	60+65.09	42505.9129	47399.5186
PC	61+39.31	42557.8637	47346.5157
PRC	63+69.65	42689.1510	47158.5371
PRC	65+52.28	42810.3270	47025.4316
PT	66+52.79	42894.5489	46970.6343
PC	69+97.07	43175.5672	46771.7365
PRC	70+73.37	43240.3269	46731.4673
PT	71+40.77	43297.3832	46695.6733
PC	72+48.57	43384.8726	46632.7013
PRC	73+85.50	43513.0715	46591.2588
PRC	75+79.13	43687.0584	46518.3903
PRC	78+02.56	43885.2653	46425.7726



CENTERLINE COORDINATES

DESC.	STA.	NORTHING	EASTING
PRC	78+02.56	43885.2653	46425.7726
PT	79+34.90	44015.2005	46401.8634
PC	80+83.03	44157.5075	46360.7153
PRC	81+73.82	44232.0943	46311.4093
PT	83+08.63	44323.9311	46212.8563
PC	84+60.16	44434.3317	46109.0595
PRC	85+65.54	44488.3884	46020.1009
PT	86+69.39	44540.2522	45931.4090
PC	87+49.32	44596.6091	45874.7168
PRC	89+23.23	44739.1712	45776.8982
PRC	90+08.84	44799.2748	45718.4897
PT	92+82.25	44959.4666	45498.8954
PT	93+73.50	45007.7259	45422.6110
PC	94+52.95	45032.0102	45346.9600
PRC	97+32.71	45177.2498	45111.0182
PRC	98+56.32	45223.4796	44999.8925

4

TYONEK NATIVE ASS'N.

DELTA = 45-41-30
RADIUS = 155.00'
LENGTH = 123.61'

MATCH LINE
PRC = 98+56.32

DELTA = 27-38-13
RADIUS = 580.00'
LENGTH = 279.77'

DELTA = 29-02-35
RADIUS = 180.00'
LENGTH = 91.24'

DELTA = 21-27-33
RADIUS = 730.00'
LENGTH = 273.41'

DELTA = 40-52-39
RADIUS = 120.00'
LENGTH = 85.61'

CENTERLINE GLOSSARY

PT	POINT OF TANGENCY
PC	POINT OF CURVATURE
PRC	POINT OF REVERSE CURVATURE
PCC	POINT OF COMPOUND CURVATURE
DELTA = XX-XX-XX	CURVE DELTA IN DEGREES-MINUTES-SECONDS

3

SALAMATOF NATIVE ASSOC., INC.

DELTA = 30-57-39
RADIUS = 195.00'
LENGTH = 105.37'

DELTA = 21-25-41
RADIUS = 465.00'
LENGTH = 173.91'

DELTA = 29-01-31
RADIUS = 205.00'
LENGTH = 103.85'

DELTA = 34-40-46
RADIUS = 150.00'
LENGTH = 90.79'

SALAMATOF NATIVE ASSOC., INC.

DELTA = 11-24-07
RADIUS = 665.00'
LENGTH = 132.33'

DELTA = 07-34-21
RADIUS = 1020.00'
LENGTH = 134.81'

CENTERLINE COORDINATES

DESC.	STA.	NORTHING	EASTING
PRC	98+56.32	45223.4796	44999.8925
PRC	100+37.96	45270.7486	44826.8106
PRC	101+63.85	45310.9939	44708.4964
PT	103+88.39	45427.6037	44525.4136
PC	104+68.76	45495.9288	44483.0899
PRC	106+76.80	45671.0471	44370.7857
PT	108+13.94	45790.7209	44304.0960
PC	109+89.96	45950.6482	44230.5714
PT	110+69.14	46027.1891	44212.4101
PC	111+13.39	46071.4096	44210.8612
PT	111+90.09	46139.7859	44180.4476
PC	113+26.04	46234.3009	44082.7354
PRC	114+88.90	46304.7902	43938.8659
PT	117+82.98	46355.5415	43854.2213
PC	119+46.04	46299.3504	43501.1493
PRC	120+83.97	46266.1993	43367.5410
PT	121+50.79	46249.4520	43303.0129

4

TYONEK NATIVE ASS'N.

DELTA = 13-40-27
RADIUS = 280.00'
LENGTH = 66.82'

SEE SHEET 9
MATCH LINE

DELTA = 12-26-44
RADIUS = 635.00'
LENGTH = 137.93'

DELTA = 42-23-50
RADIUS = 145.00'
LENGTH = 107.30'

DELTA = 35-53-20
RADIUS = 260.00'
LENGTH = 162.86'

DELTA = 43-56-49
RADIUS = 100.00'
LENGTH = 76.70'

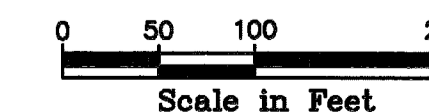
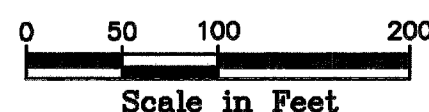
DELTA = 01-47-33
RADIUS = 6650.00'
LENGTH = 208.04'

DELTA = 51-27-36
RADIUS = 250.00'
LENGTH = 224.54'

DELTA = 08-52-43
RADIUS = 885.00'
LENGTH = 137.14'

DELTA = 22-41-02
RADIUS = 200.00'
LENGTH = 79.18'

TYONEK NATIVE ASS'N.



SEE "ROW GENERAL NOTES", SHEET 28

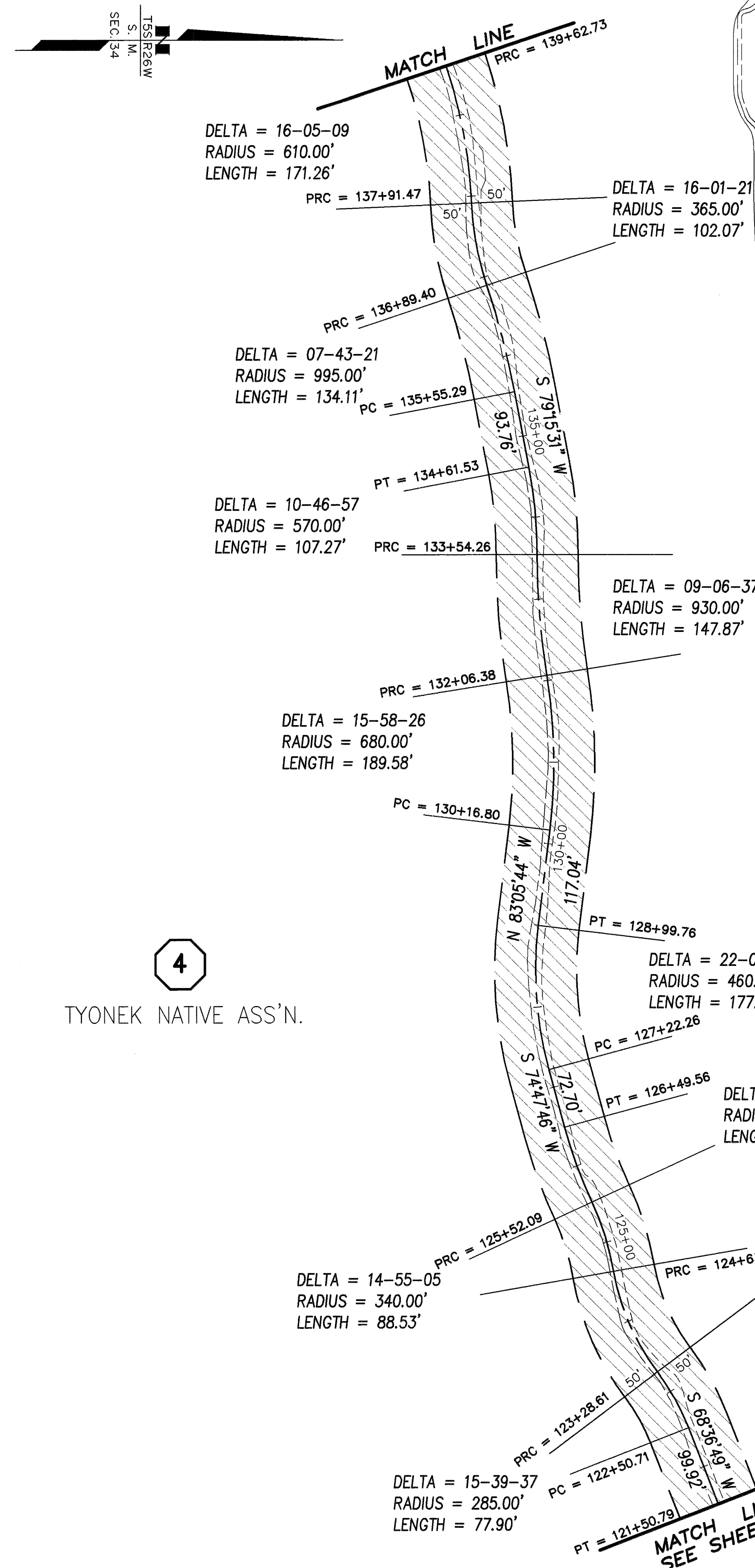
Iliamna Recording District PL2015-2

DATE	REVISIONS	BY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RECORD OF SURVEY
RIGHT OF WAY BASE MAP
ALASKA PROJECT
STATE PROJECT No. 52775
**WILLIAMSPORT TO
PILE BAY ROAD**

DRAWN	epf	DATE	JAN. 2014	SCALE	1" = 100'
CHECKED	PLH	DATE		SHEET	8 OF 29

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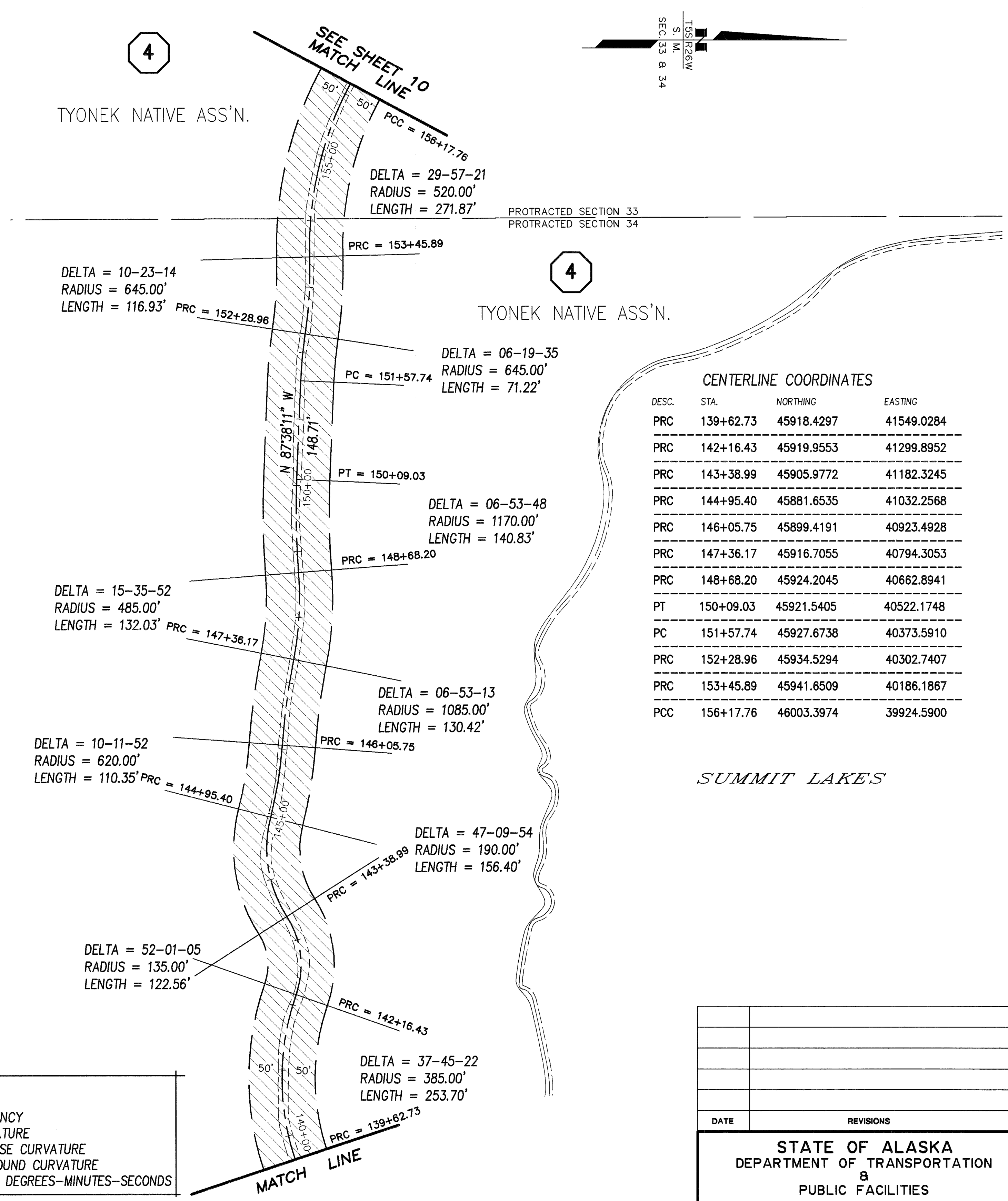
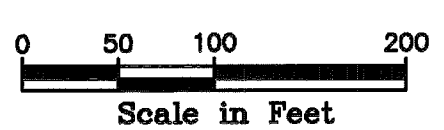
CENTERLINE COORDINATES

DESC.	STA.	NORTHING	EASTING
PT	121+50.79	46249.4520	43303.0129
PC	122+50.71	46213.0159	43209.9734
PRC	123+28.61	46175.1117	43142.1976
PRC	124+63.57	46121.8394	43019.5655
PRC	125+52.09	46095.4803	42935.3166
PT	126+49.56	46062.1542	42843.8446
PC	127+22.26	46043.0874	42773.6868
PT	128+99.76	46030.3225	42597.7498
PC	130+16.80	46044.3925	42481.5590
PRC	132+06.38	46040.8228	42292.6253
PRC	133+54.26	46029.1966	42145.3647
PT	134+61.53	46019.2092	42038.7207
PC	135+55.29	46001.7344	41946.6039
PRC	136+89.40	45967.9486	41816.9242
PRC	137+91.47	45949.4906	41716.8737
PRC	139+62.73	45918.4297	41549.0284

SUMMIT LAKES

CENTERLINE GLOSSARY

PT	POINT OF TANGENCY
PC	POINT OF CURVATURE
PRC	POINT OF REVERSE CURVATURE
PCC	POINT OF COMPOUND CURVATURE
DELTA = XX-XX-XX	CURVE DELTA IN DEGREES-MINUTES-SECONDS



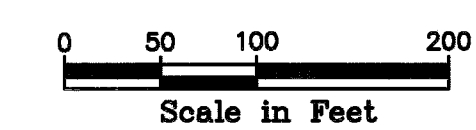
CENTERLINE COORDINATES

DESC.	STA.	NORTHING	EASTING
PRC	139+62.73	45918.4297	41549.0284
PRC	142+16.43	45919.9553	41299.8952
PRC	143+38.99	45905.9772	41182.3245
PRC	144+95.40	45881.6535	41032.2568
PRC	146+05.75	45899.4191	40923.4928
PRC	147+36.17	45916.7055	40794.3053
PRC	148+68.20	45924.2045	40662.8941
PT	150+09.03	45921.5405	40522.1748
PC	151+57.74	45927.6738	40373.5910
PRC	152+28.96	45934.5294	40302.7407
PRC	153+45.89	45941.6509	40186.1867
PCC	156+17.76	46003.3974	39924.5900

SUMMIT LAKES

SEE "ROW GENERAL NOTES", SHEET 28

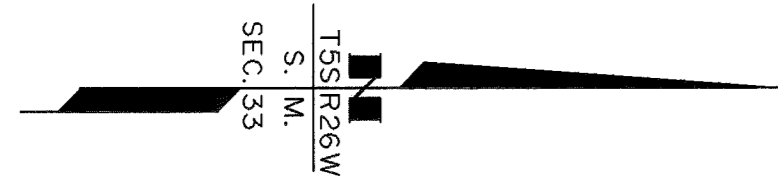
Iliamna Recording District PL 2015-2



DATE	REVISIONS	BY

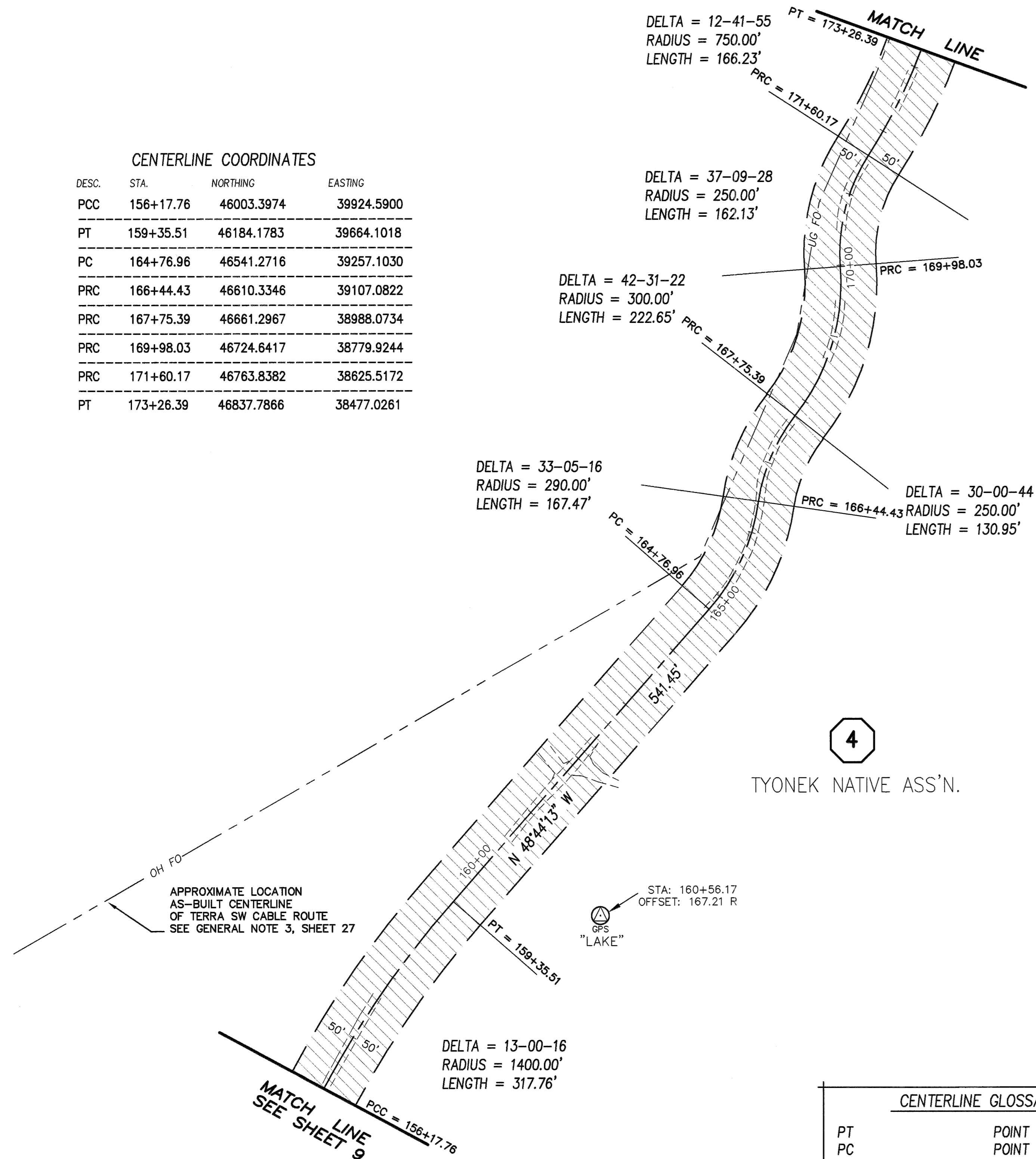
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RECORD OF SURVEY
RIGHT OF WAY BASE MAP
ALASKA PROJECT
STATE PROJECT No. 52775
**WILLIAMSPORT TO
PILLI BAY ROAD**

DRAWN epf	DATE JAN. 2014	SCALE 1" = 100'
CHECKED PLH	DATE	SHEET 9 OF 29



CENTERLINE COORDINATES

DESC.	STA.	NORTHING	EASTING
PCC	156+17.76	46003.3974	39924.5900
PT	159+35.51	46184.1783	39664.1018
PC	164+76.96	46541.2716	39257.1030
PRC	166+44.43	46610.3346	39107.0822
PRC	167+75.39	46661.2967	38988.0734
PRC	169+98.03	46724.6417	38779.9244
PRC	171+60.17	46763.8382	38625.5172
PT	173+26.39	46837.7866	38477.0261



DELTA = 13-00-16
RADIUS = 1400.00'
LENGTH = 317.76'

DELTA = 33-05-16
RADIUS = 290.00'
LENGTH = 167.47'

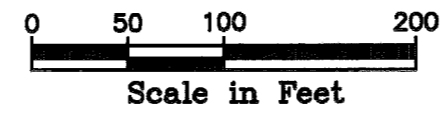
DELTA = 42-31-22
RADIUS = 300.00'
LENGTH = 222.65'

DELTA = 37-09-28
RADIUS = 250.00'
LENGTH = 162.13'

DELTA = 12-41-55
RADIUS = 750.00'
LENGTH = 166.23'

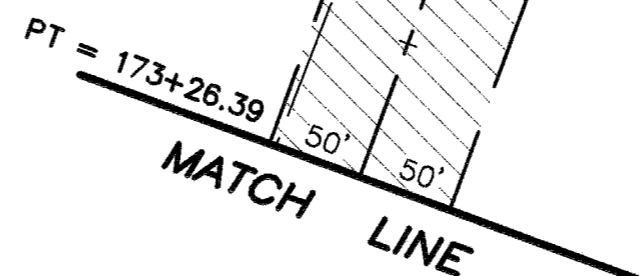
CENTERLINE GLOSSARY

PT	POINT OF TANGENCY
PC	POINT OF CURVATURE
PRC	POINT OF REVERSE CURVATURE
PCC	POINT OF COMPOUND CURVATURE
DELTA = XX-XX-XX	CURVE DELTA IN DEGREES-MINUTES-SECONDS



4
TYONEK NATIVE ASS'N.

APPROXIMATE LOCATION AS-BUILT CENTERLINE OF TERRA SW CABLE ROUTE SEE GENERAL NOTE 3, SHEET 27



DELTA = 06-17-24
RADIUS = 1175.00'
LENGTH = 128.99'

DELTA = 51-18-02
RADIUS = 215.00'
LENGTH = 192.50'

DELTA = 24-38-33
RADIUS = 550.00'
LENGTH = 236.55'

DELTA = 27-13-48
RADIUS = 240.00'
LENGTH = 114.06'

DELTA = 11-15-40
RADIUS = 450.00'
LENGTH = 88.44'

CENTERLINE COORDINATES

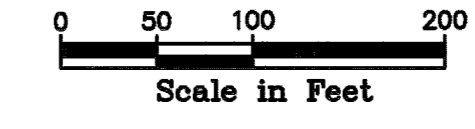
DESC.	STA.	NORTHING	EASTING
PT	173+26.39	46837.7866	38477.0261
PC	180+37.98	47082.6086	37808.8816
PT	181+66.97	47133.5400	37690.4428
PC	183+40.32	47210.6559	37535.1874
PT	185+32.82	47357.4622	37420.7539
PC	187+97.82	47617.4582	37369.8918
PCC	189+11.88	47721.3315	37325.4270
PCC	191+48.43	47874.9879	37147.9756
PT	192+36.88	47909.4019	37066.6556

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RECORD OF SURVEY
RIGHT OF WAY BASE MAP
ALASKA PROJECT
STATE PROJECT No. 52775
**WILLIAMSPORT TO
PILE BAY ROAD**

DATE	REVISIONS	BY

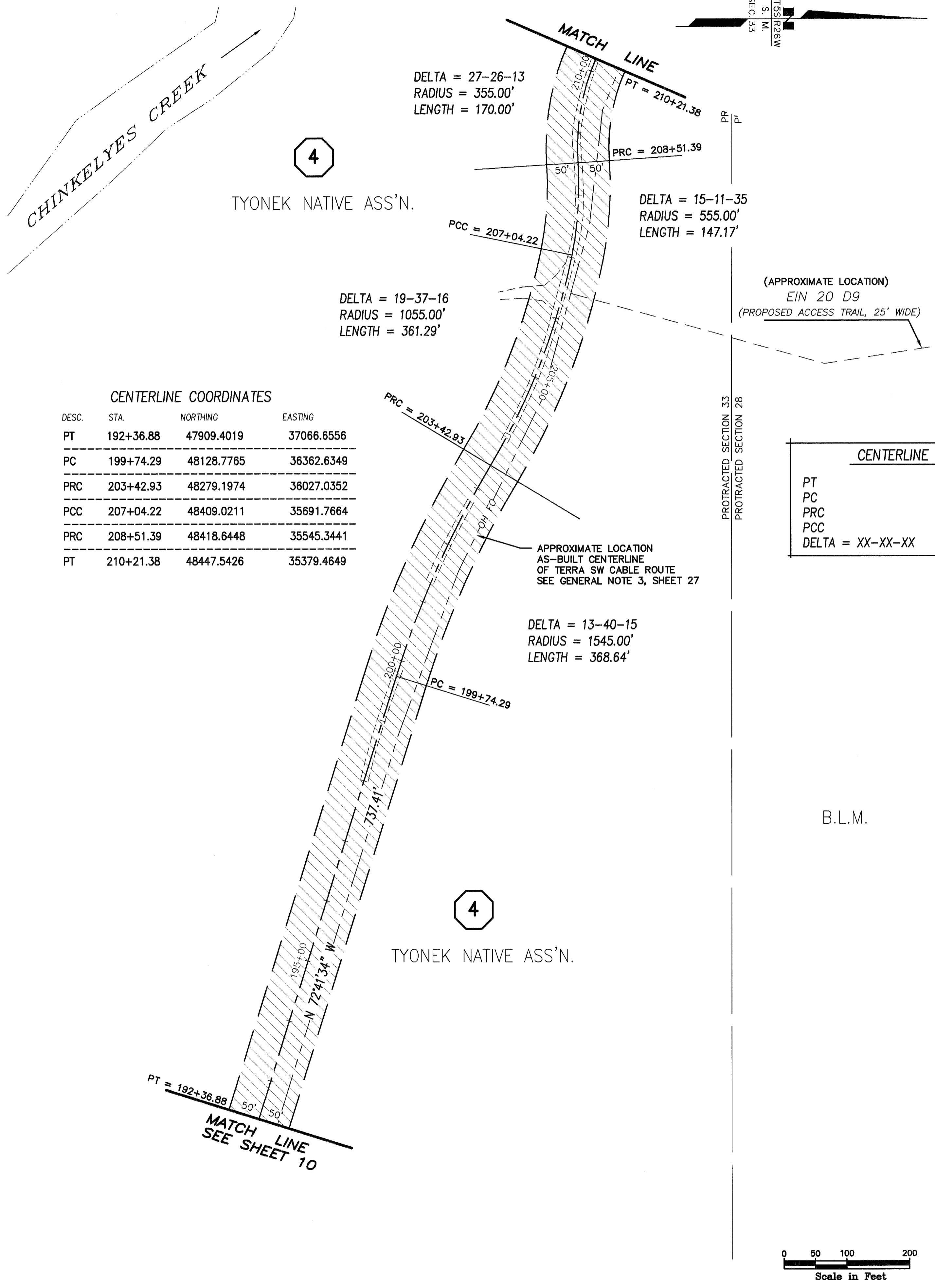
DRAWN	epf	DATE	JAN. 2014	SCALE	1" = 100'
CHECKED	PLH	DATE		SHEET	10 OF 29

SEE "ROW GENERAL NOTES", SHEET 28
Iliamna Recording District PL 2015-2



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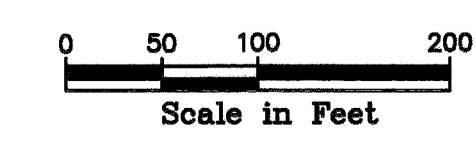
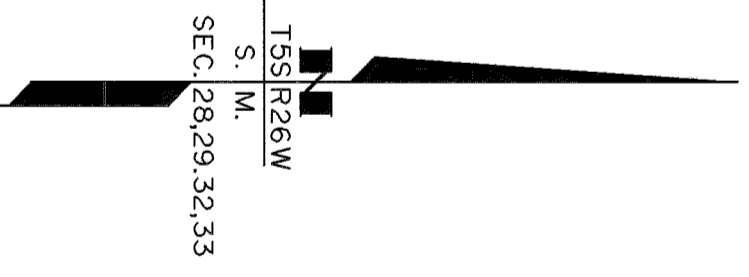
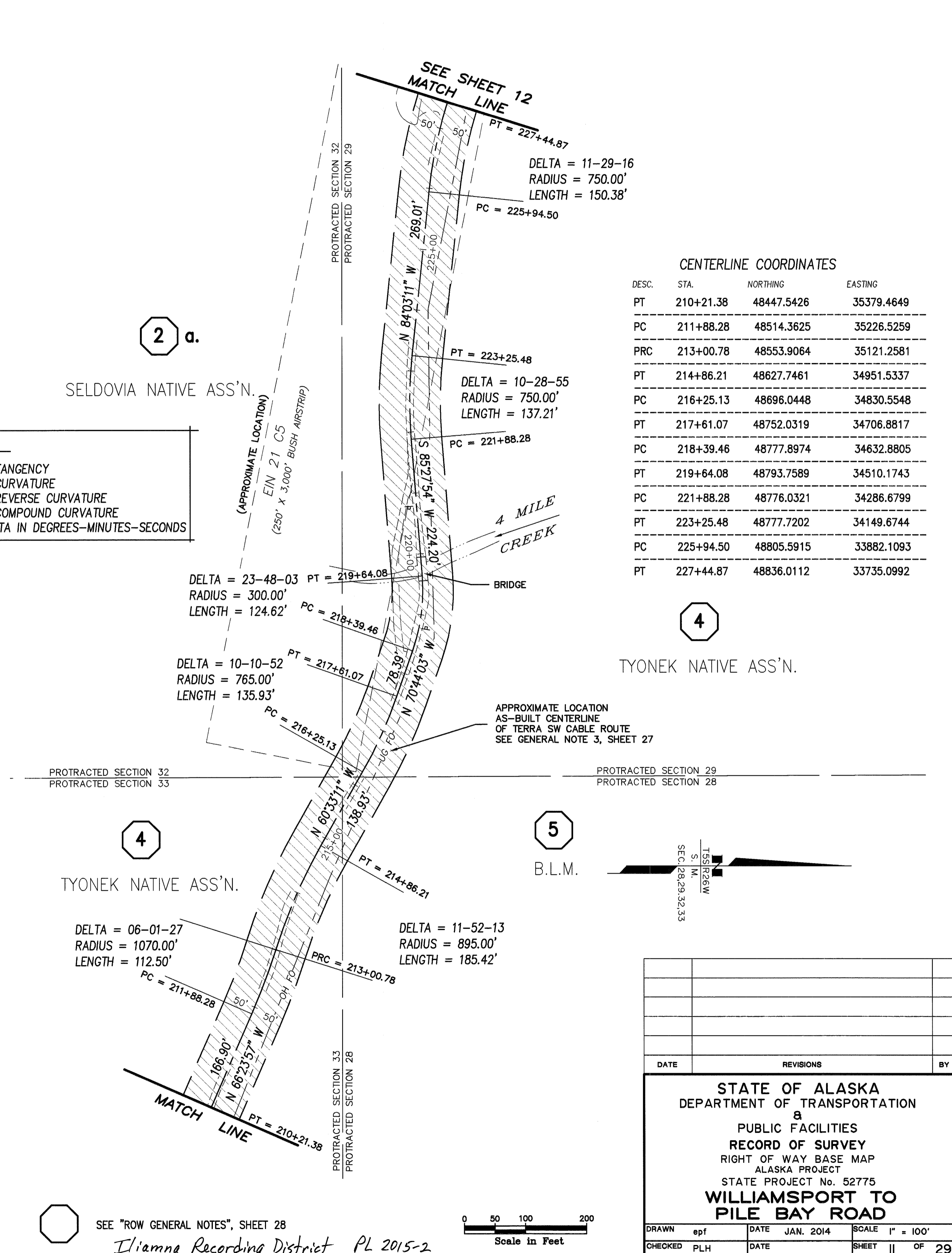
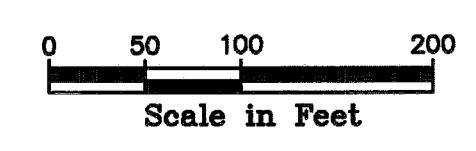


CENTERLINE COORDINATES

DESC.	STA.	NORTHING	EASTING
PT	192+36.88	47909.4019	37066.6556
PC	199+74.29	48128.7765	36362.6349
PRC	203+42.93	48279.1974	36027.0352
PCC	207+04.22	48409.0211	35691.7664
PRC	208+51.39	48418.6448	35545.3441
PT	210+21.38	48447.5426	35379.4649

CENTERLINE GLOSSARY

PT	POINT OF TANGENCY
PC	POINT OF CURVATURE
PRC	POINT OF REVERSE CURVATURE
PCC	POINT OF COMPOUND CURVATURE
DELTA = XX-XX-XX	CURVE DELTA IN DEGREES-MINUTES-SECONDS



CENTERLINE COORDINATES

DESC.	STA.	NORTHING	EASTING
PT	210+21.38	48447.5426	35379.4649
PC	211+88.28	48514.3625	35226.5259
PRC	213+00.78	48553.9064	35121.2581
PT	214+86.21	48627.7461	34951.5337
PC	216+25.13	48696.0448	34830.5548
PT	217+61.07	48752.0319	34706.8817
PC	218+39.46	48777.8974	34632.8805
PT	219+64.08	48793.7589	34510.1743
PC	221+88.28	48776.0321	34286.6799
PT	223+25.48	48777.7202	34149.6744
PC	225+94.50	48805.5915	33882.1093
PT	227+44.87	48836.0112	33735.0992

SEE "ROW GENERAL NOTES", SHEET 28
Iliamna Recording District PL 2015-2

DATE	REVISIONS	BY

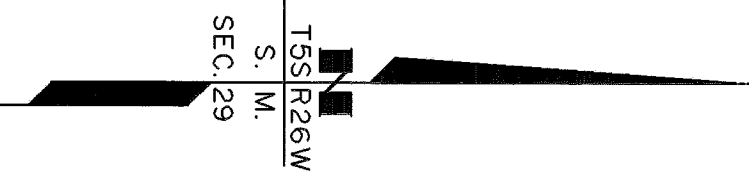
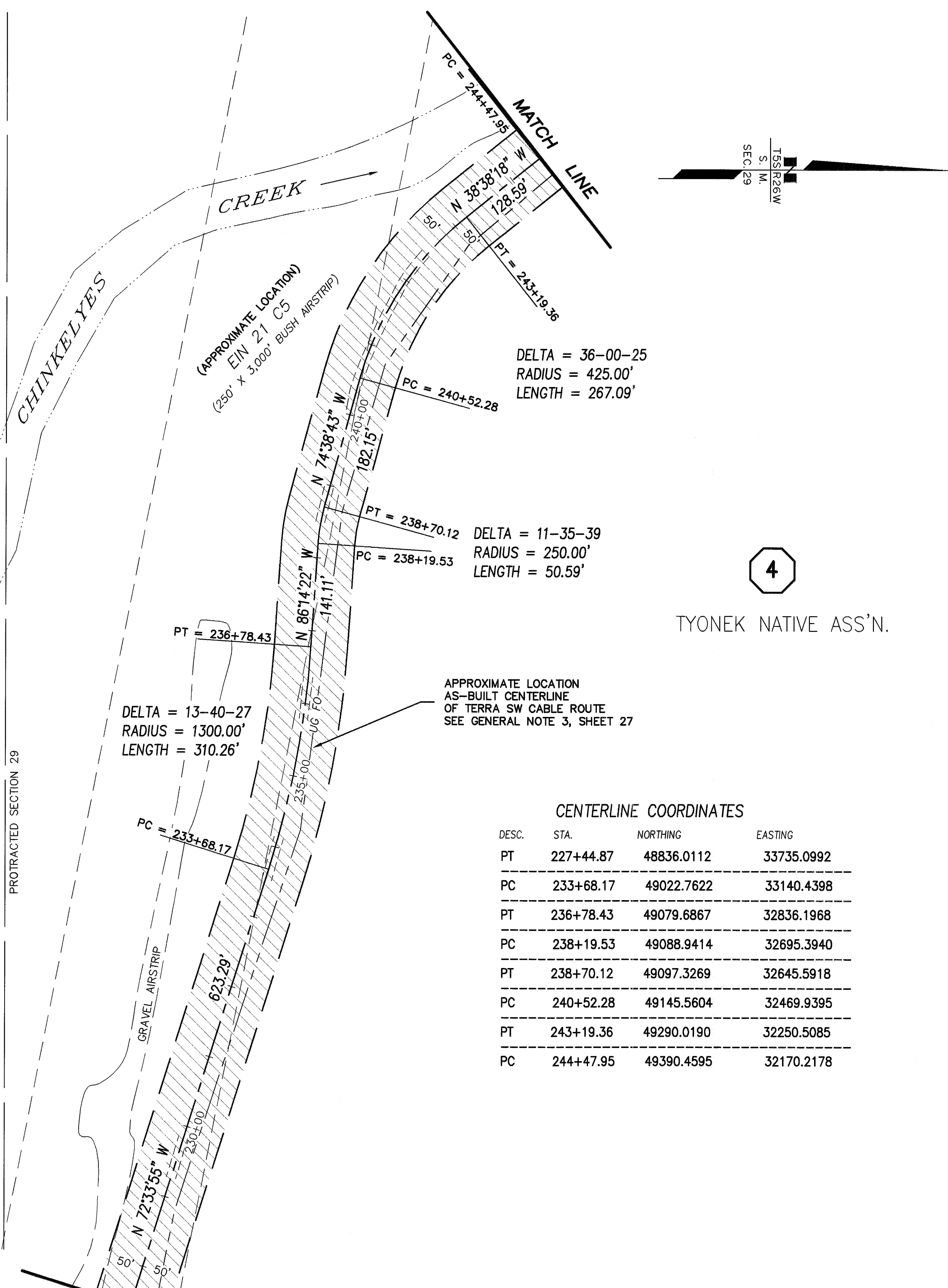
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RECORD OF SURVEY
RIGHT OF WAY BASE MAP
ALASKA PROJECT
STATE PROJECT No. 52775
WILLIAMSPORT TO PILE BAY ROAD

DRAWN	epf	DATE	JAN. 2014	SCALE	1" = 100'
CHECKED	PLH	DATE		SHEET	11 OF 29

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PROTRACTED SECTION 32
PROTRACTED SECTION 29

MATCH LINE
SEE SHEET 11



4

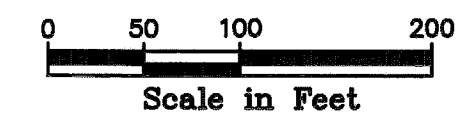
TYONEK NATIVE ASS'N.

CENTERLINE COORDINATES

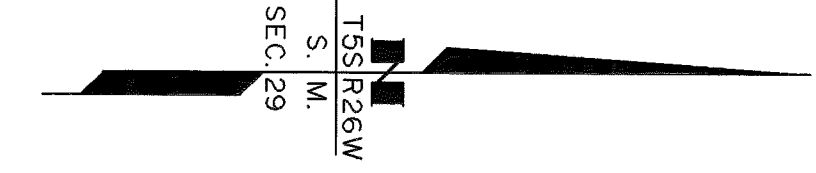
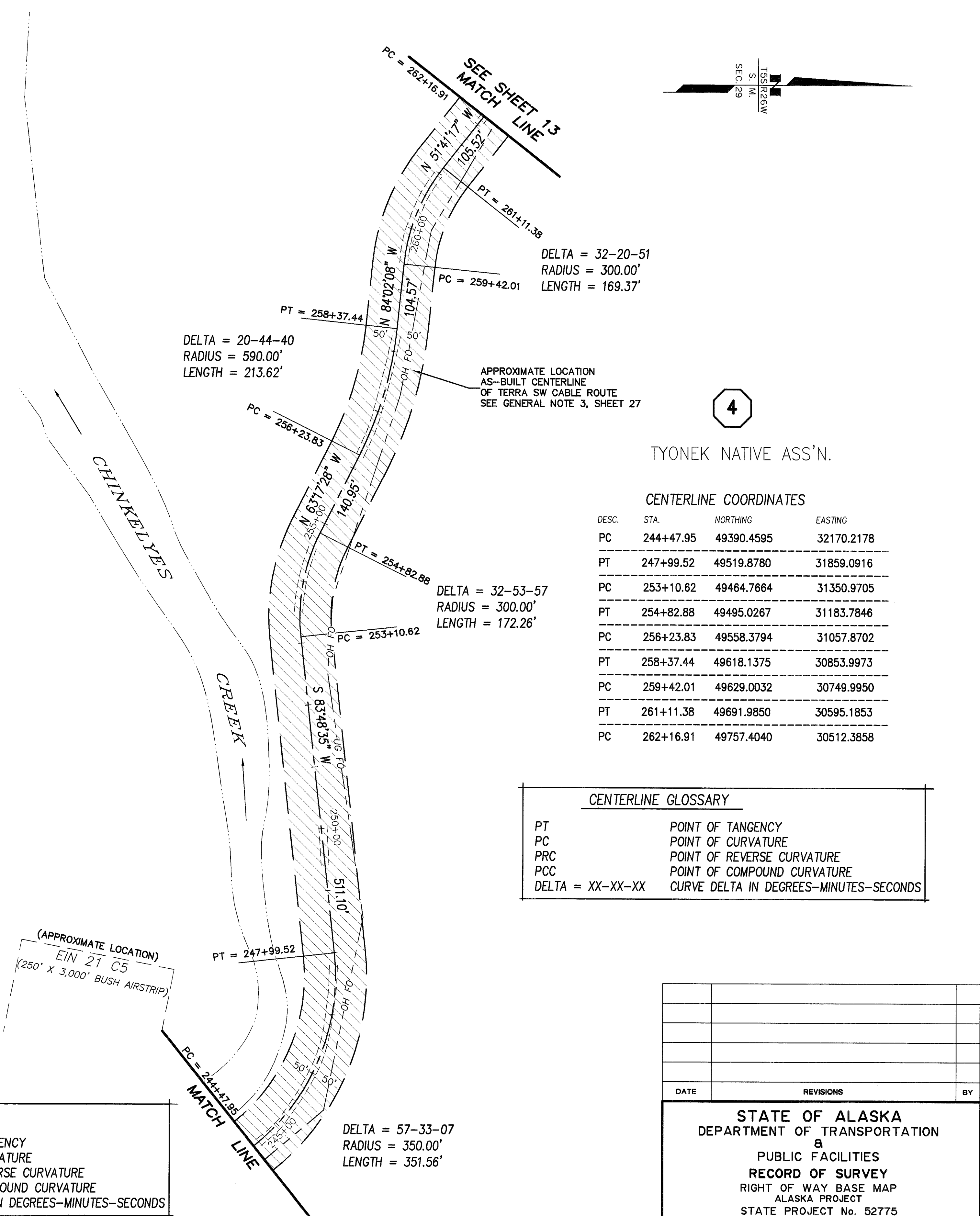
DESC.	STA.	NORTHING	EASTING
PT	227+44.87	48836.0112	33735.0992
PC	233+68.17	49022.7622	33140.4398
PT	236+78.43	49079.6867	32836.1968
PC	238+19.53	49088.9414	32695.3940
PT	238+70.12	49097.3269	32645.5918
PC	240+52.28	49145.5604	32469.9395
PT	243+19.36	49290.0190	32250.5085
PC	244+47.95	49390.4595	32170.2178

CENTERLINE GLOSSARY

PT	POINT OF TANGENCY
PC	POINT OF CURVATURE
PRC	POINT OF REVERSE CURVATURE
PCC	POINT OF COMPOUND CURVATURE
DELTA = XX-XX-XX	CURVE DELTA IN DEGREES-MINUTES-SECONDS



SEE SHEET 13
MATCH LINE



4

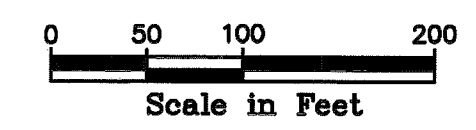
TYONEK NATIVE ASS'N.

CENTERLINE COORDINATES

DESC.	STA.	NORTHING	EASTING
PC	244+47.95	49390.4595	32170.2178
PT	247+99.52	49519.8780	31859.0916
PC	253+10.62	49464.7664	31350.9705
PT	254+82.88	49495.0267	31183.7846
PC	256+23.83	49558.3794	31057.8702
PT	258+37.44	49618.1375	30853.9973
PC	259+42.01	49629.0032	30749.9950
PT	261+11.38	49691.9850	30595.1853
PC	262+16.91	49757.4040	30512.3858

CENTERLINE GLOSSARY

PT	POINT OF TANGENCY
PC	POINT OF CURVATURE
PRC	POINT OF REVERSE CURVATURE
PCC	POINT OF COMPOUND CURVATURE
DELTA = XX-XX-XX	CURVE DELTA IN DEGREES-MINUTES-SECONDS



SEE "ROW GENERAL NOTES", SHEET 28

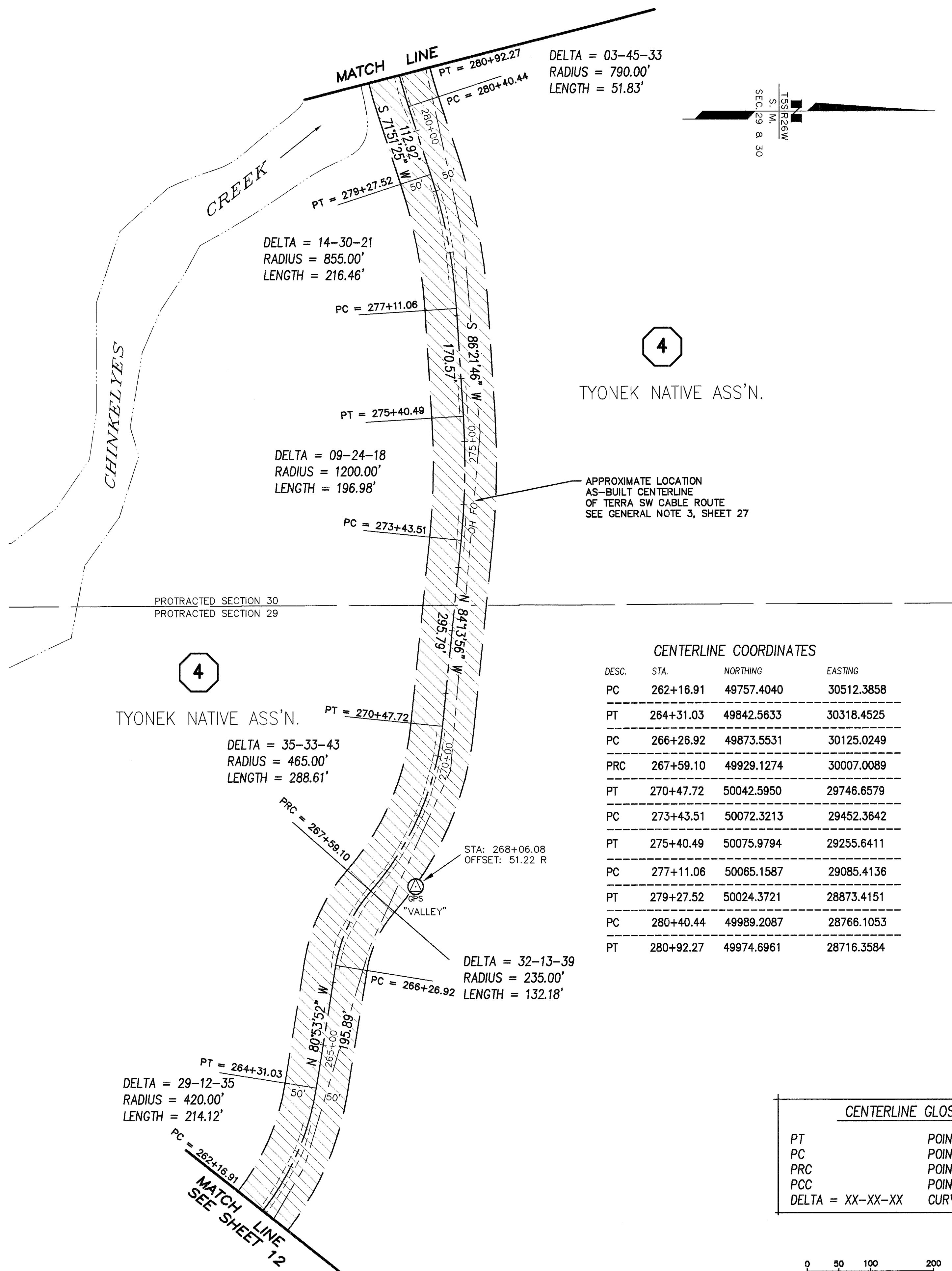
Iliamna Recording District PL 2015-2

DATE	REVISIONS	BY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
PUBLIC FACILITIES
RECORD OF SURVEY
RIGHT OF WAY BASE MAP
ALASKA PROJECT
STATE PROJECT No. 52775
**WILLIAMSPORT TO
PILE BAY ROAD**

DRAWN	epf	DATE	JAN. 2014	SCALE	1" = 100'
CHECKED	PLH	DATE		SHEET	12 OF 29

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4
TYONEK NATIVE ASS'N.

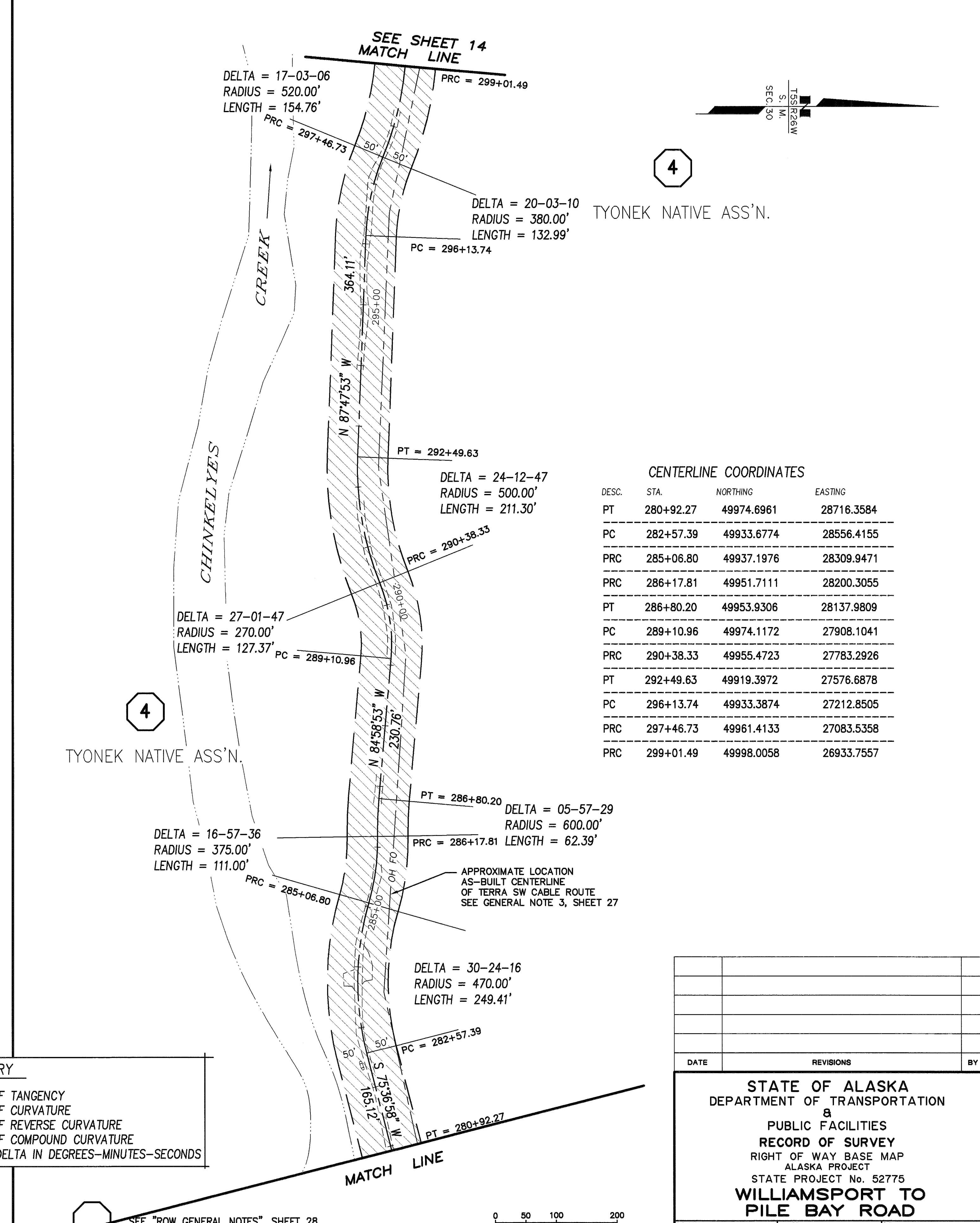
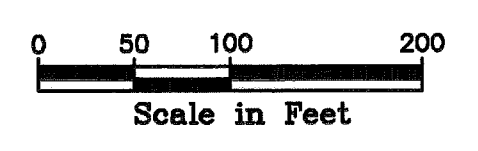
APPROXIMATE LOCATION AS-BUILT CENTERLINE OF TERRA SW CABLE ROUTE SEE GENERAL NOTE 3, SHEET 27

CENTERLINE COORDINATES

DESC.	STA.	NORTHING	EASTING
PC	262+16.91	49757.4040	30512.3858
PT	264+31.03	49842.5633	30318.4525
PC	266+26.92	49873.5531	30125.0249
PRC	267+59.10	49929.1274	30007.0089
PT	270+47.72	50042.5950	29746.6579
PC	273+43.51	50072.3213	29452.3642
PT	275+40.49	50075.9794	29255.6411
PC	277+11.06	50065.1587	29085.4136
PT	279+27.52	50024.3721	28873.4151
PC	280+40.44	49989.2087	28766.1053
PT	280+92.27	49974.6961	28716.3584

CENTERLINE GLOSSARY

PT	POINT OF TANGENCY
PC	POINT OF CURVATURE
PRC	POINT OF REVERSE CURVATURE
PCC	POINT OF COMPOUND CURVATURE
DELTA = XX-XX-XX	CURVE DELTA IN DEGREES-MINUTES-SECONDS



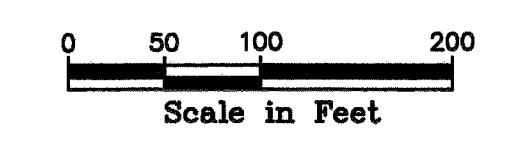
4
TYONEK NATIVE ASS'N.

APPROXIMATE LOCATION AS-BUILT CENTERLINE OF TERRA SW CABLE ROUTE SEE GENERAL NOTE 3, SHEET 27

CENTERLINE COORDINATES

DESC.	STA.	NORTHING	EASTING
PT	280+92.27	49974.6961	28716.3584
PC	282+16.91	49933.6774	28556.4155
PRC	285+06.80	49937.1976	28309.9471
PRC	286+17.81	49951.7111	28200.3055
PT	286+80.20	49953.9306	28137.9809
PC	289+10.96	49974.1172	27908.1041
PRC	290+38.33	49955.4723	27783.2926
PT	292+49.63	49919.3972	27576.6878
PC	296+13.74	49933.3874	27212.8505
PRC	297+46.73	49961.4133	27083.5358
PRC	299+01.49	49998.0058	26933.7557

SEE "ROW GENERAL NOTES", SHEET 28



DATE	REVISIONS	BY

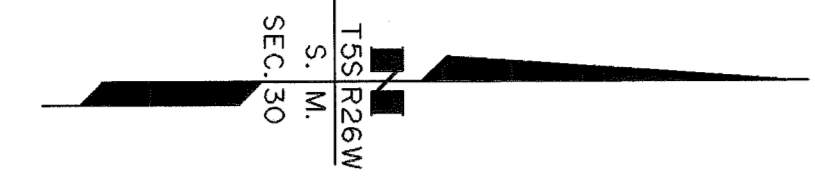
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RECORD OF SURVEY
RIGHT OF WAY BASE MAP
ALASKA PROJECT
STATE PROJECT No. 52775
**WILLIAMSPORT TO
PILE BAY ROAD**

DRAWN	epf	DATE	JAN. 2014	SCALE	1" = 100'
CHECKED	PLH	DATE		SHEET	13 OF 29

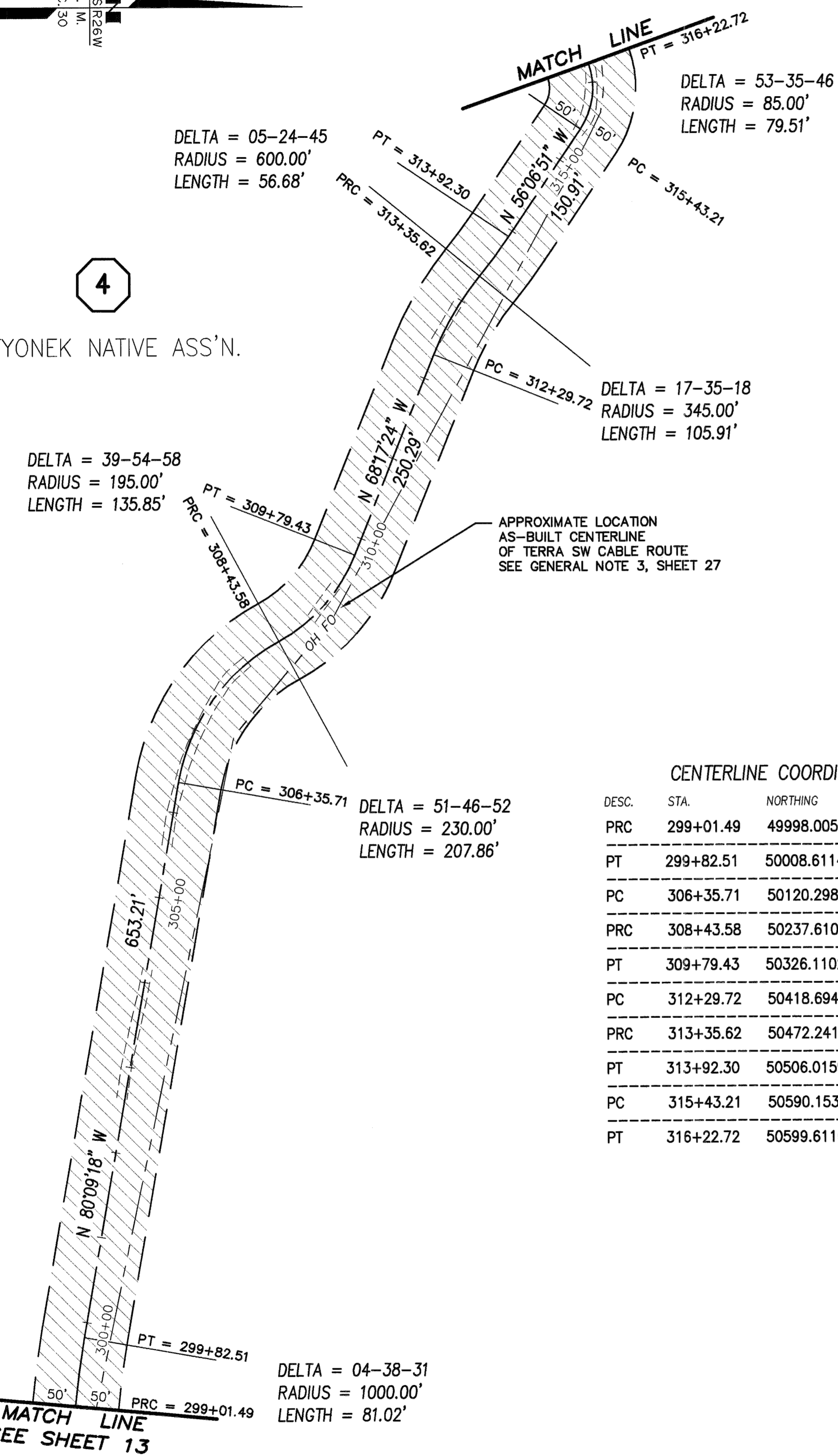
Ilamna Recording District PL 2015-2

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CHINKELY'S CREEK



4
TYONEK NATIVE ASS'N.

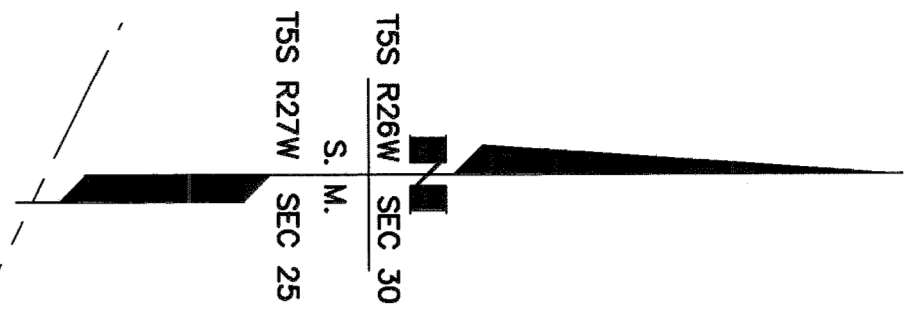
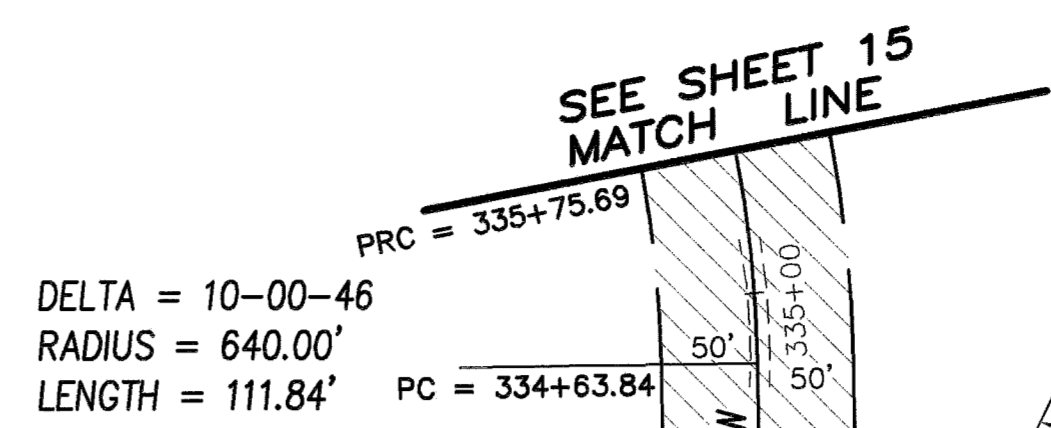
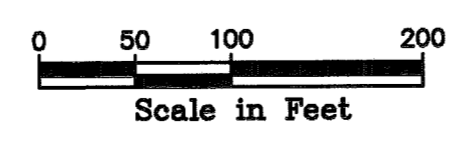


CENTERLINE COORDINATES

DESC.	STA.	NORTHING	EASTING
PRC	299+01.49	49998.0058	26933.7557
PT	299+82.51	50008.6114	26853.4591
PC	306+35.71	50120.2986	26209.8716
PRC	308+43.58	50237.6104	26046.8287
PT	309+79.43	50326.1102	25947.3872
PC	312+29.72	50418.6945	25714.8514
PRC	313+35.62	50472.2416	25623.9616
PT	313+92.30	50506.0159	25578.4714
PC	315+43.21	50590.1539	25453.1942
PT	316+22.72	50599.6110	25377.1357

CENTERLINE GLOSSARY

PT	POINT OF TANGENCY
PC	POINT OF CURVATURE
PRC	POINT OF REVERSE CURVATURE
PCC	POINT OF COMPOUND CURVATURE
DELTA = XX-XX-XX	CURVE DELTA IN DEGREES-MINUTES-SECONDS

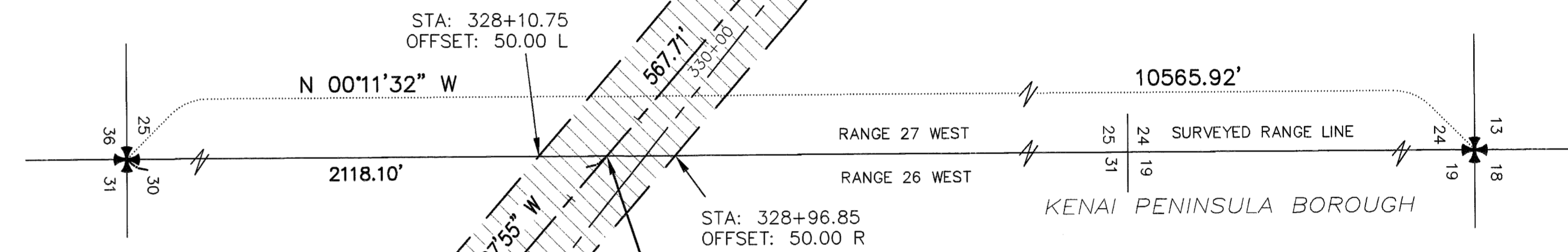


APPROXIMATE LOCATION AS-BUILT CENTERLINE OF TERRA SW CABLE ROUTE SEE GENERAL NOTE 3, SHEET 27

6

PATENT 50-90-0671
PEDRO BAY CORP.

LAKE & PENINSULA BOROUGH

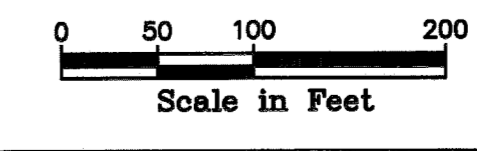


4
TYONEK NATIVE ASS'N.

CENTERLINE COORDINATES

DESC.	STA.	NORTHING	EASTING
PT	316+22.72	50599.6110	25377.1357
PC	320+04.93	50470.7069	25017.3245
PT	321+47.22	50458.0664	24877.1287
PC	323+50.87	50491.3510	24676.2102
PT	325+11.14	50558.1807	24532.7005
PC	330+78.85	50927.1394	24101.2345
PT	332+90.53	50997.9207	23906.5371
PC	334+63.84	50996.1732	23733.2308
PRC	335+75.69	50985.3038	23622.0590

APPROXIMATE LOCATION AS-BUILT CENTERLINE OF TERRA SW CABLE ROUTE SEE GENERAL NOTE 3, SHEET 27

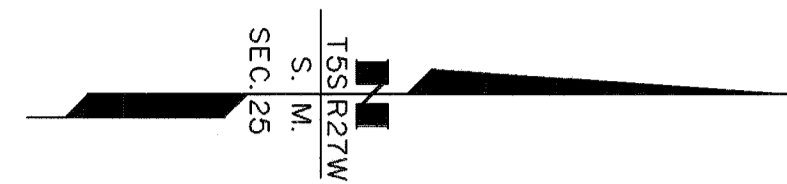


SEE "ROW GENERAL NOTES", SHEET 28
Iliamna Recording District PL 2015-2

DATE	REVISIONS	BY

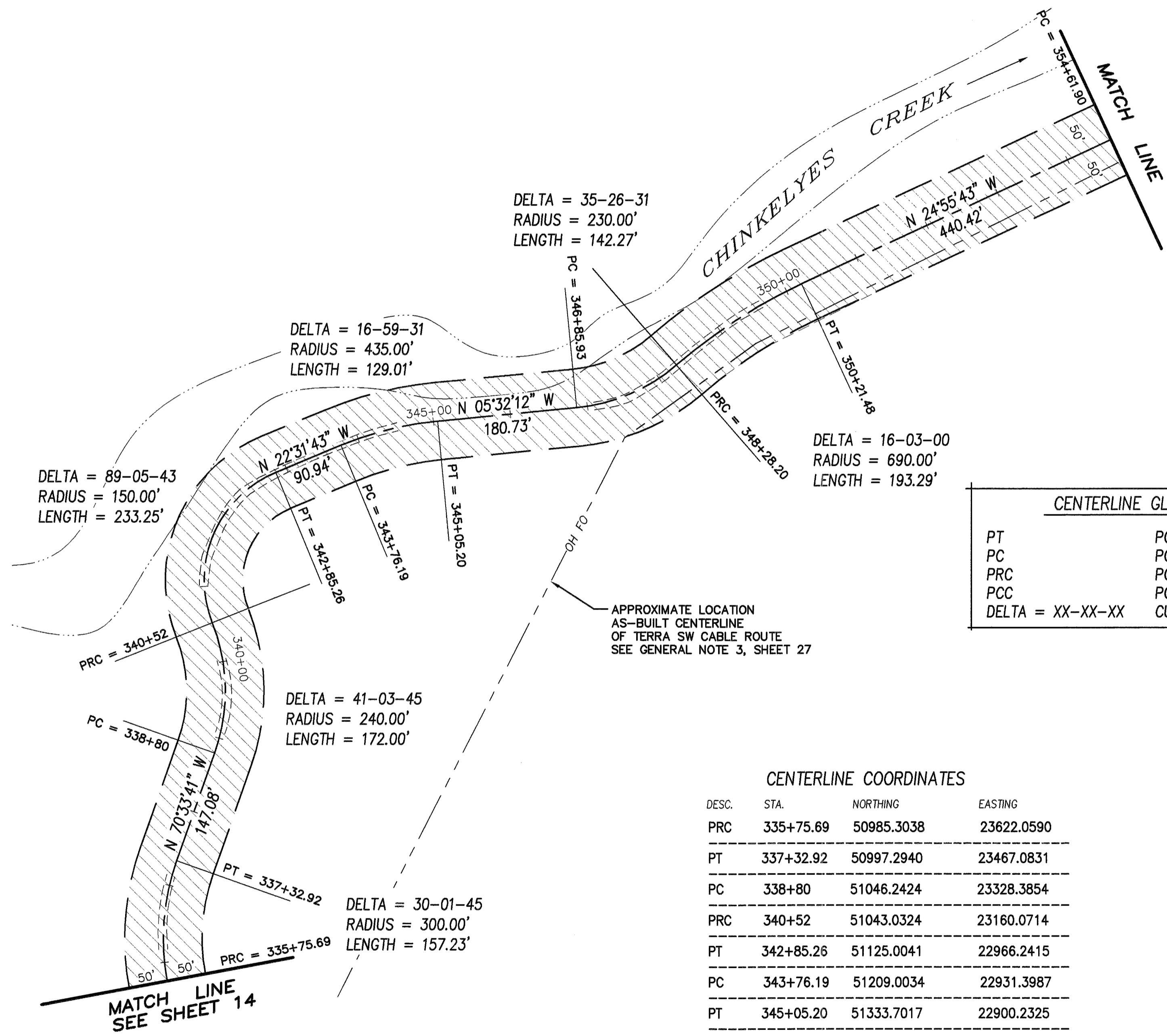
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RECORD OF SURVEY
RIGHT OF WAY BASE MAP
ALASKA PROJECT
STATE PROJECT No. 52775
**WILLIAMSPORT TO
PILE BAY ROAD**

DRAWN	epf	DATE	JAN. 2014	SCALE	1" = 100'
CHECKED	PLH	DATE		SHEET	14 OF 29



6

PATENT 50-90-0671
PEDRO BAY CORP.

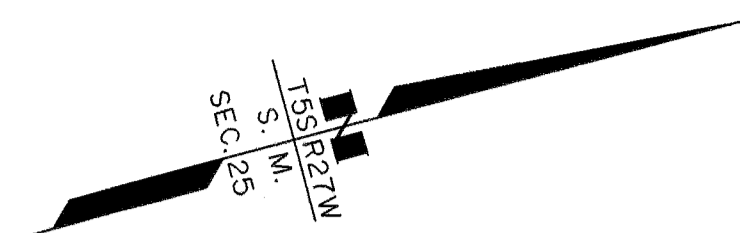
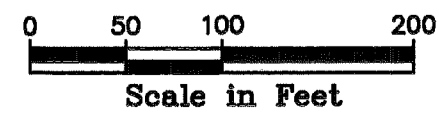


CENTERLINE GLOSSARY

PT	POINT OF TANGENCY
PC	POINT OF CURVATURE
PRC	POINT OF REVERSE CURVATURE
PCC	POINT OF COMPOUND CURVATURE
DELTA = XX-XX-XX	CURVE DELTA IN DEGREES-MINUTES-SECONDS

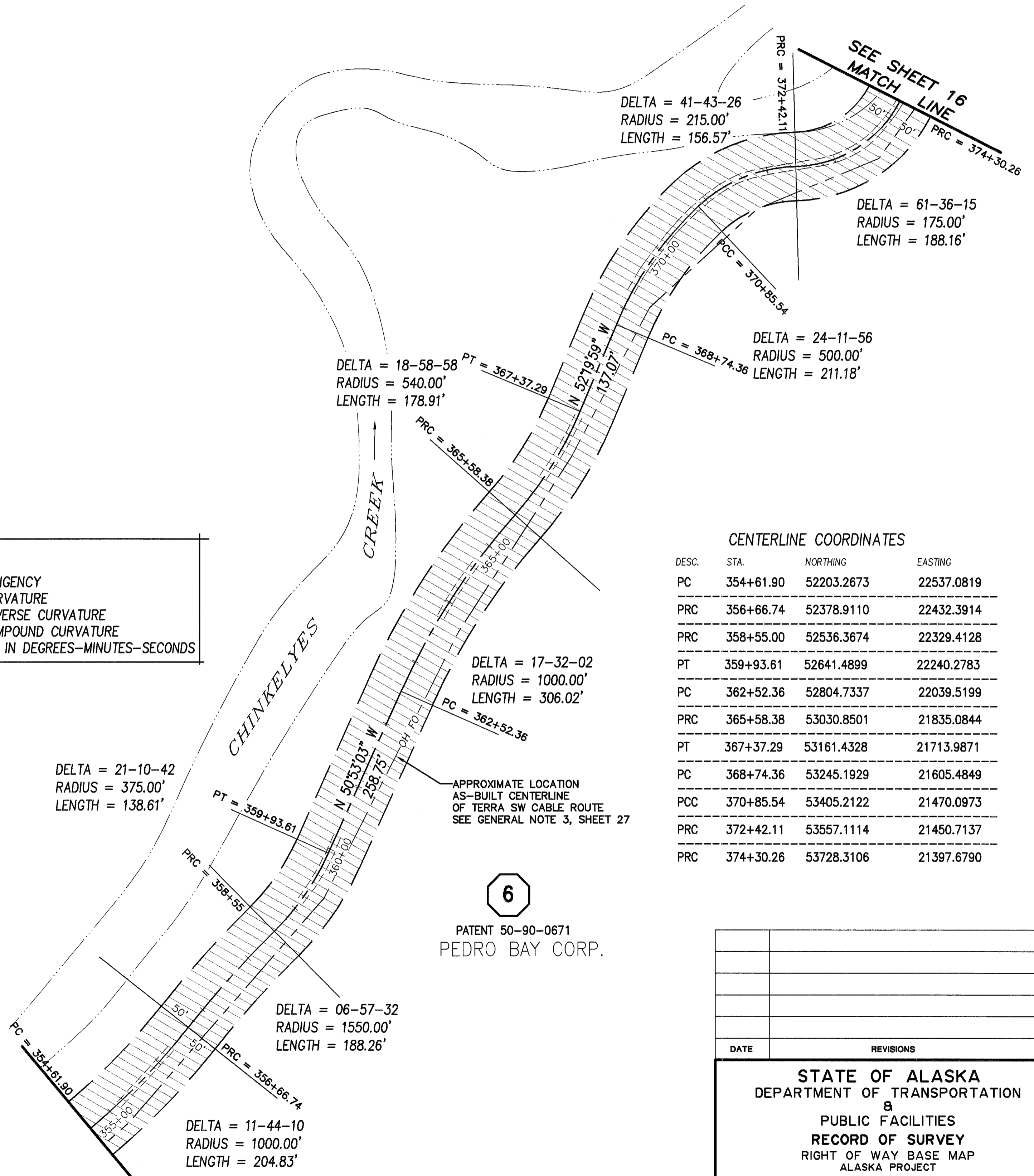
CENTERLINE COORDINATES

DESC.	STA.	NORTHING	EASTING
PRC	335+75.69	50985.3038	23622.0590
PT	337+32.92	50997.2940	23467.0831
PC	338+80	51046.2424	23328.3854
PRC	340+52	51043.0324	23160.0714
PT	342+85.26	51125.0041	22966.2415
PC	343+76.19	51209.0034	22931.3987
PT	345+05.20	51333.7017	22900.2325
PC	346+85.93	51513.5841	22882.7957
PRC	348+28.20	51642.2215	22827.5086
PT	350+21.48	51803.8804	22722.7126
PC	354+61.90	52203.2673	22537.0819



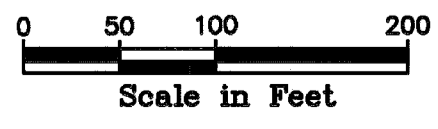
6

PATENT 50-90-0671
PEDRO BAY CORP.



CENTERLINE COORDINATES

DESC.	STA.	NORTHING	EASTING
PC	354+61.90	52203.2673	22537.0819
PRC	356+66.74	52378.9110	22432.3914
PRC	358+55.00	52536.3674	22329.4128
PT	359+93.61	52641.4899	22240.2783
PC	362+52.36	52804.7337	22039.5199
PRC	365+58.38	53030.8501	21835.0844
PT	367+37.29	53161.4328	21713.9871
PC	368+74.36	53245.1929	21605.4849
PCC	370+85.54	53405.2122	21470.0973
PRC	372+42.11	53557.1114	21450.7137
PRC	374+30.26	53728.3106	21397.6790



SEE "ROW GENERAL NOTES", SHEET 28
Iliamna Recording District PL 2015-2

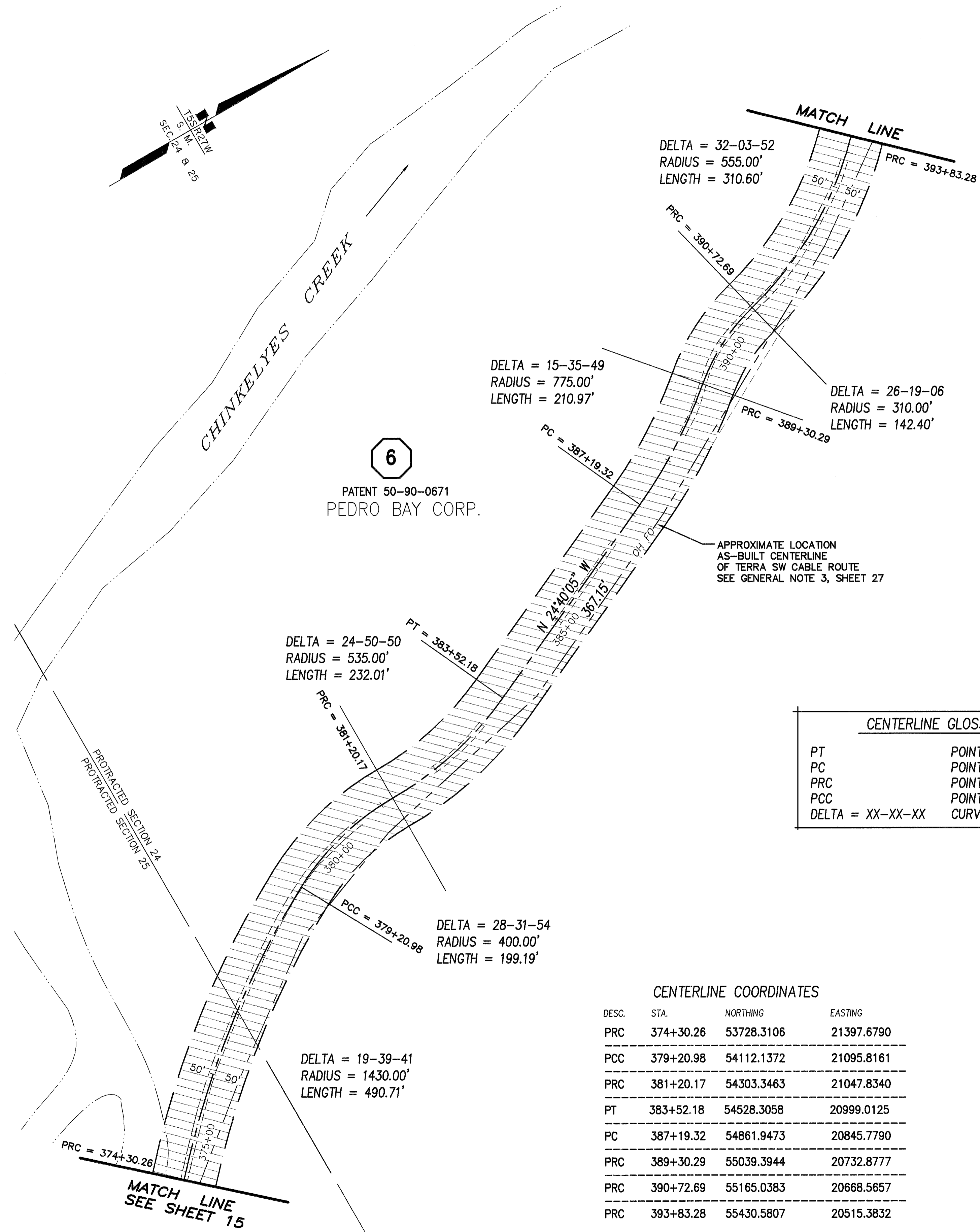
DATE	REVISIONS	BY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RECORD OF SURVEY
RIGHT OF WAY BASE MAP
ALASKA PROJECT
STATE PROJECT No. 52775
WILLIAMSPORT TO PILE BAY ROAD

DRAWN	epf	DATE	JAN. 2014	SCALE	1" = 100'
CHECKED	PLH	DATE		SHEET	15 OF 29

W:\Projects\Highways\BRISTOL_BAY_ALEUTIAN\52775\williamsport_r01\mapping\base.dwg, 01/09/2014 8:04:09 AM, epr\glstad, 1:1

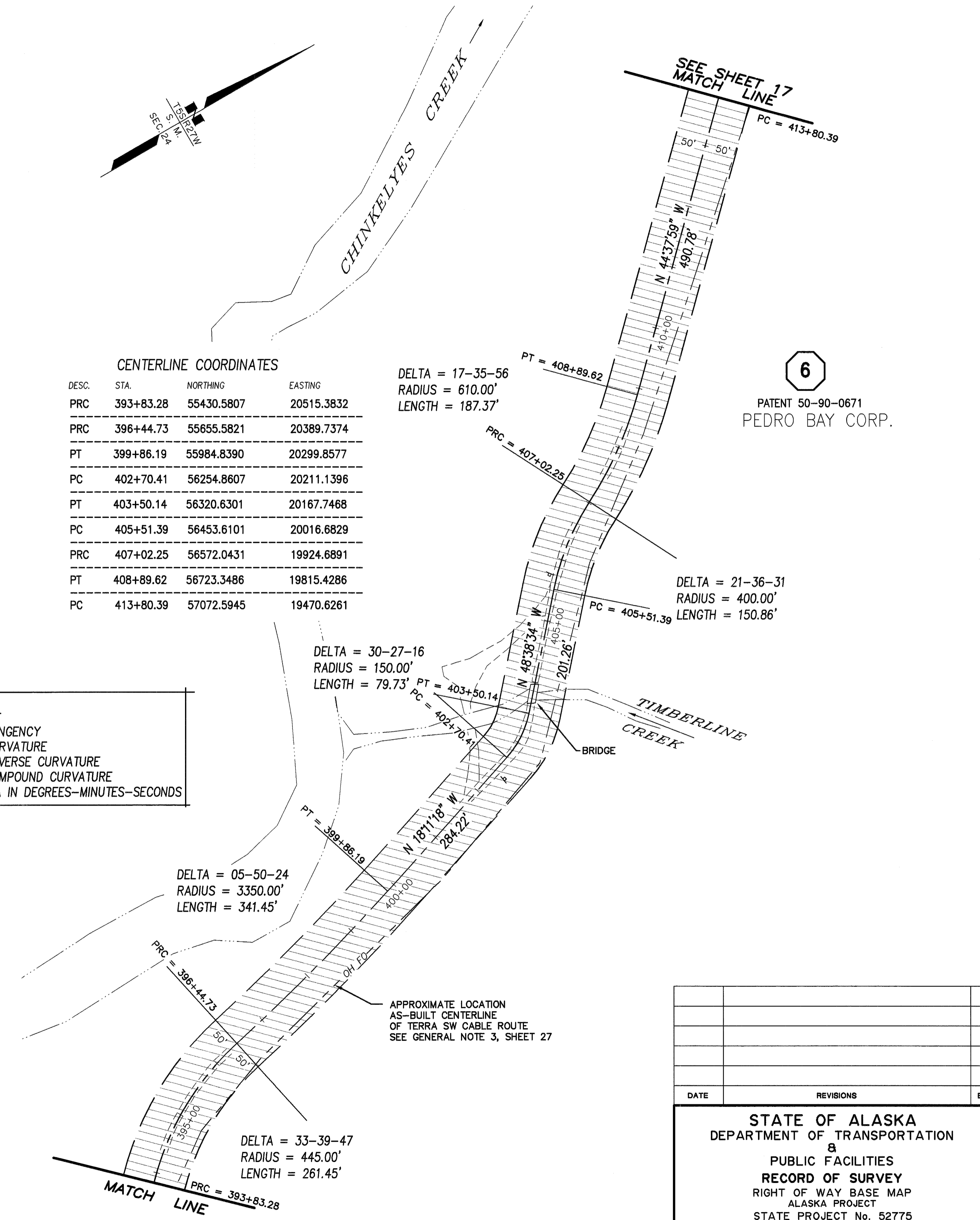
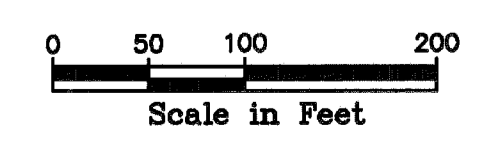
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6
PATENT 50-90-0671
PEDRO BAY CORP.

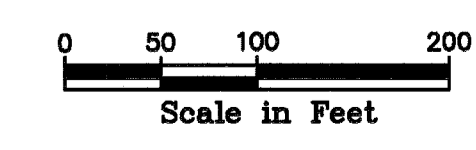
CENTERLINE GLOSSARY	
PT	POINT OF TANGENCY
PC	POINT OF CURVATURE
PRC	POINT OF REVERSE CURVATURE
PCC	POINT OF COMPOUND CURVATURE
DELTA = XX-XX-XX	CURVE DELTA IN DEGREES-MINUTES-SECONDS

CENTERLINE COORDINATES			
DESC.	STA.	NORTHING	EASTING
PRC	374+30.26	53728.3106	21397.6790
PCC	379+20.98	54112.1372	21095.8161
PRC	381+20.17	54303.3463	21047.8340
PT	383+52.18	54528.3058	20999.0125
PC	387+19.32	54861.9473	20845.7790
PRC	389+30.29	55039.3944	20732.8777
PRC	390+72.69	55165.0383	20668.5657
PRC	393+83.28	55430.5807	20515.3832



6
PATENT 50-90-0671
PEDRO BAY CORP.

CENTERLINE COORDINATES			
DESC.	STA.	NORTHING	EASTING
PRC	393+83.28	55430.5807	20515.3832
PRC	396+44.73	55655.5821	20389.7374
PT	399+86.19	55984.8390	20299.8577
PC	402+70.41	56254.8607	20211.1396
PT	403+50.14	56320.6301	20167.7468
PC	405+51.39	56453.6101	20016.6829
PRC	407+02.25	56572.0431	19924.6891
PT	408+89.62	56723.3486	19815.4286
PC	413+80.39	57072.5945	19470.6261

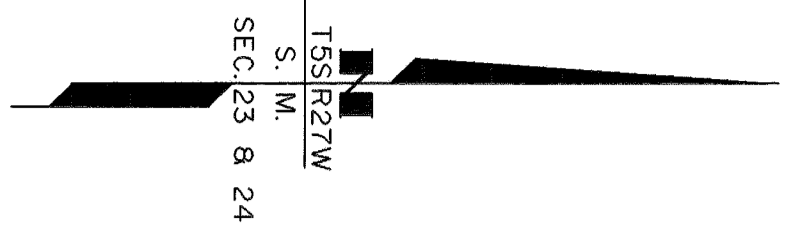


SEE "ROW GENERAL NOTES", SHEET 28
Iliamna Recording District PL2015-2

DATE	REVISIONS	BY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RECORD OF SURVEY
RIGHT OF WAY BASE MAP
ALASKA PROJECT
STATE PROJECT No. 52775
**WILLIAMSPORT TO
PILE BAY ROAD**

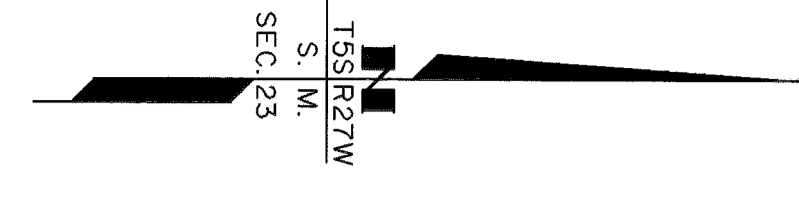
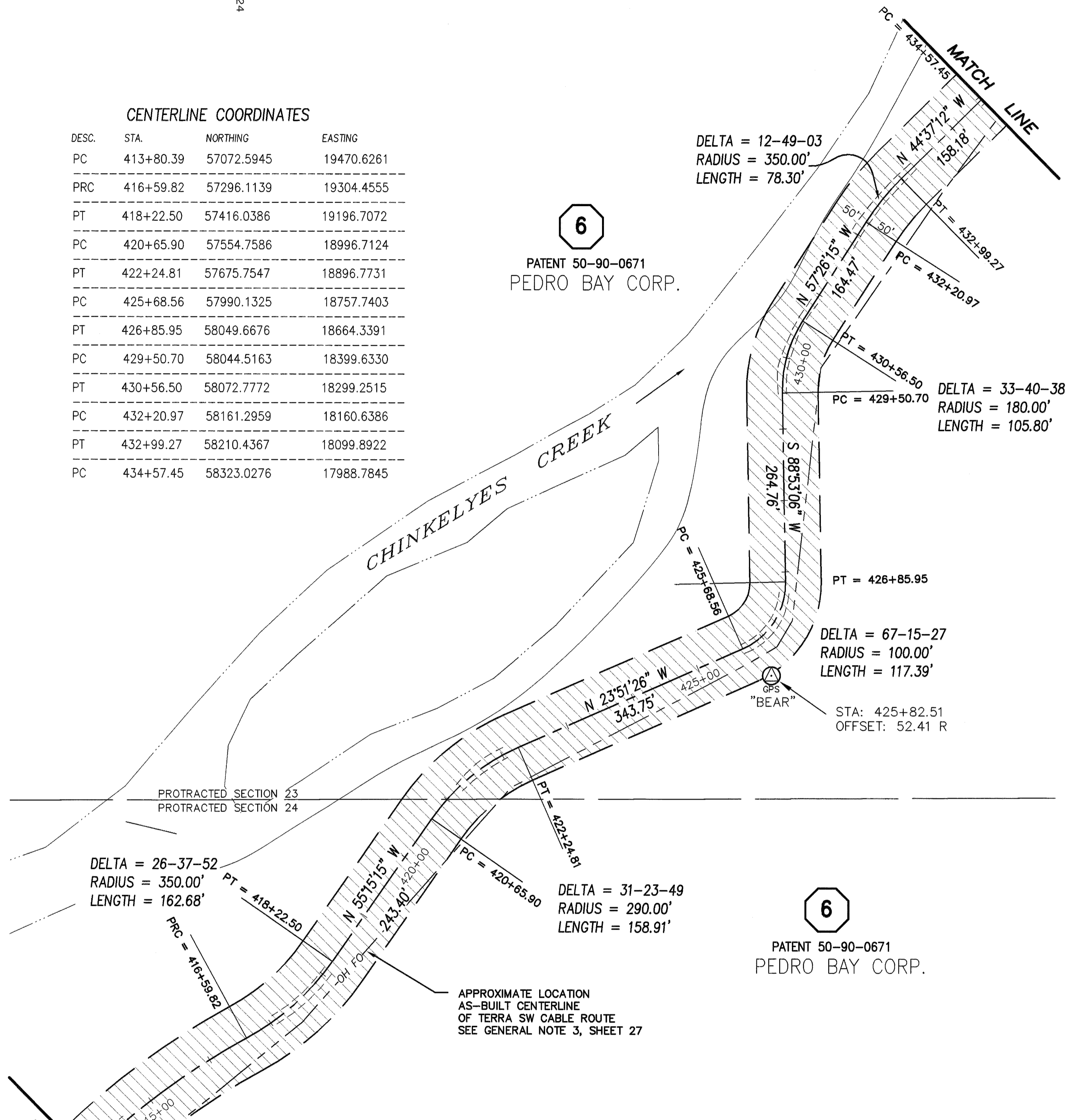
DRAWN	epf	DATE	JAN. 2014	SCALE	1" = 100'
CHECKED	PLH	DATE		SHEET	16 OF 29



CENTERLINE COORDINATES

DESC.	STA.	NORTHING	EASTING
PC	413+80.39	57072.5945	19470.6261
PRC	416+59.82	57296.1139	19304.4555
PT	418+22.50	57416.0386	19196.7072
PC	420+65.90	57554.7586	18996.7124
PT	422+24.81	57675.7547	18896.7731
PC	425+68.56	57990.1325	18757.7403
PT	426+85.95	58049.6676	18664.3391
PC	429+50.70	58044.5163	18399.6330
PT	430+56.50	58072.7772	18299.2515
PC	432+20.97	58161.2959	18160.6386
PT	432+99.27	58210.4367	18099.8922
PC	434+57.45	58323.0276	17988.7845

6
 PATENT 50-90-0671
 PEDRO BAY CORP.



CENTERLINE COORDINATES

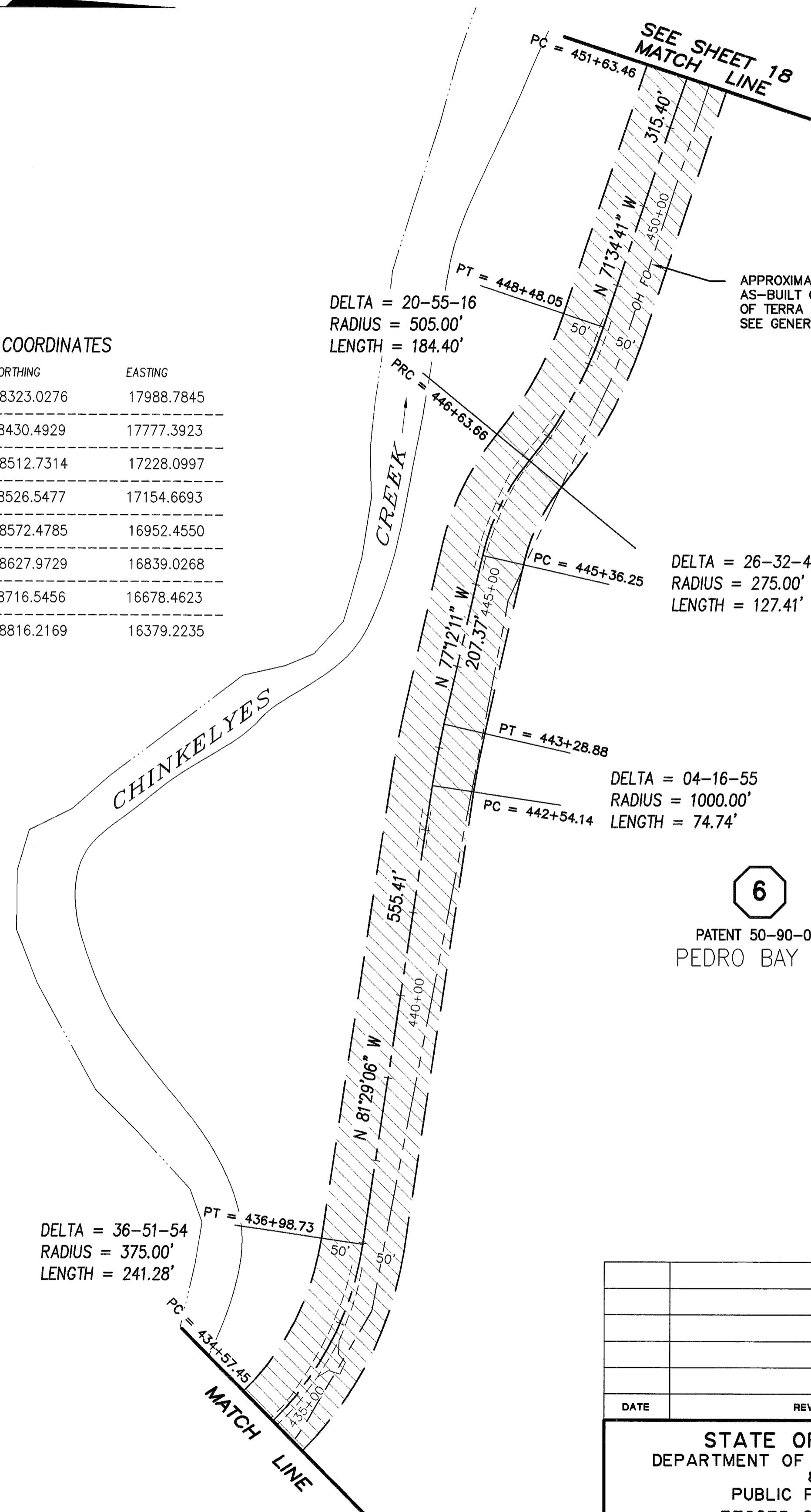
DESC.	STA.	NORTHING	EASTING
PC	434+57.45	58323.0276	17988.7845
PT	436+98.73	58430.4929	17777.3923
PC	442+54.14	58512.7314	17228.0997
PT	443+28.88	58526.5477	17154.6693
PC	445+36.25	58572.4785	16952.4550
PRC	446+63.66	58627.9729	16839.0268
PT	448+48.05	58716.5456	16678.4623
PC	451+63.46	58816.2169	16379.2235

APPROXIMATE LOCATION AS-BUILT CENTERLINE OF TERRA SW CABLE ROUTE SEE GENERAL NOTE 3, SHEET 27

DELTA = 26-32-46
 RADIUS = 275.00'
 LENGTH = 127.41'

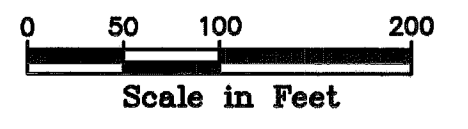
DELTA = 04-16-55
 RADIUS = 1000.00'
 LENGTH = 74.74'

6
 PATENT 50-90-0671
 PEDRO BAY CORP.

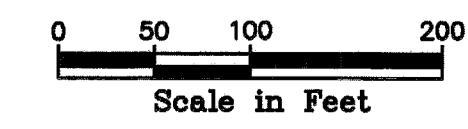


CENTERLINE GLOSSARY

PT	POINT OF TANGENCY
PC	POINT OF CURVATURE
PRC	POINT OF REVERSE CURVATURE
PCC	POINT OF COMPOUND CURVATURE
DELTA = XX-XX-XX	CURVE DELTA IN DEGREES-MINUTES-SECONDS



SEE "ROW GENERAL NOTES", SHEET 28
 Iliamna Recording District PL 2015-2



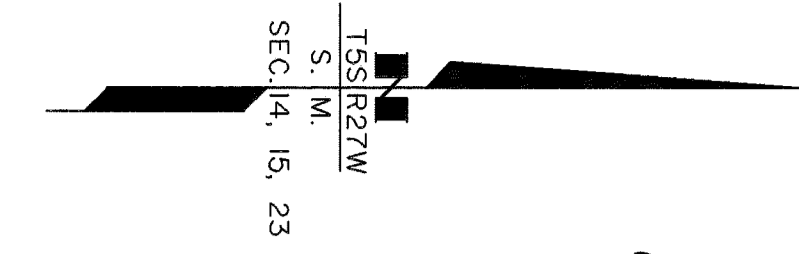
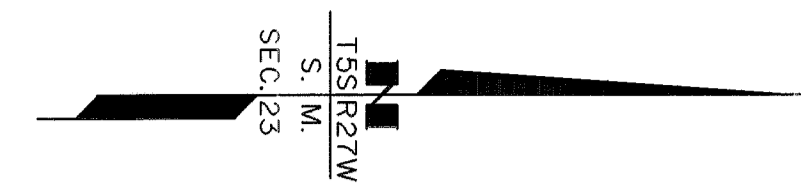
DATE	REVISIONS	BY

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 &
 PUBLIC FACILITIES
 RECORD OF SURVEY
 RIGHT OF WAY BASE MAP
 ALASKA PROJECT
 STATE PROJECT No. 52775
WILLIAMSPORT TO PILE BAY ROAD

DRAWN epf	DATE JAN. 2014	SCALE 1" = 100'
CHECKED PLH	DATE	SHEET 17 OF 29

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CENTERLINE GLOSSARY

PT	POINT OF TANGENCY
PC	POINT OF CURVATURE
PRC	POINT OF REVERSE CURVATURE
PCC	POINT OF COMPOUND CURVATURE
DELTA = XX-XX-XX	CURVE DELTA IN DEGREES-MINUTES-SECONDS

CENTERLINE COORDINATES

DESC.	STA.	NORTHING	EASTING
PC	451+63.46	58816.2169	16379.2235
PT	453+24.77	58854.6561	16222.7354
PC	453+83.34	58863.9990	16164.9184
PT	455+14.66	58867.7815	16034.0307
PC	455+97.26	58859.3356	15951.8625
PRC	456+88.25	58861.1992	15861.1179
PT	457+45.02	58864.9839	15804.5285
PC	459+89.33	58862.5558	15560.2291
PRC	460+70.12	58856.6640	15479.7172
PRC	463+06.11	58905.0812	15253.5531
PRC	465+29.20	58948.0521	15039.5181
PCC	467+44.27	58972.2167	14828.5433
PT	468+76.19	59031.1365	14710.6503

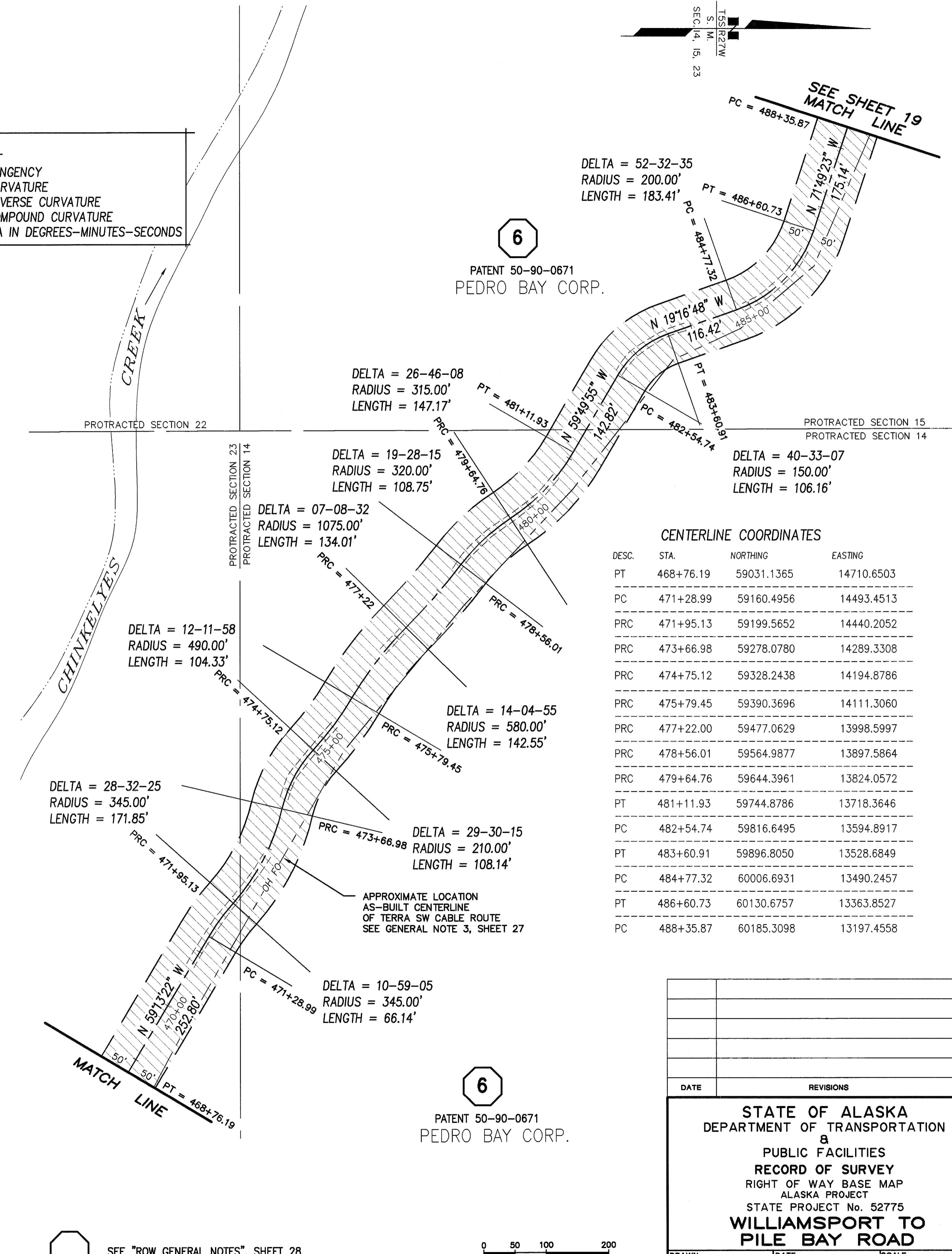
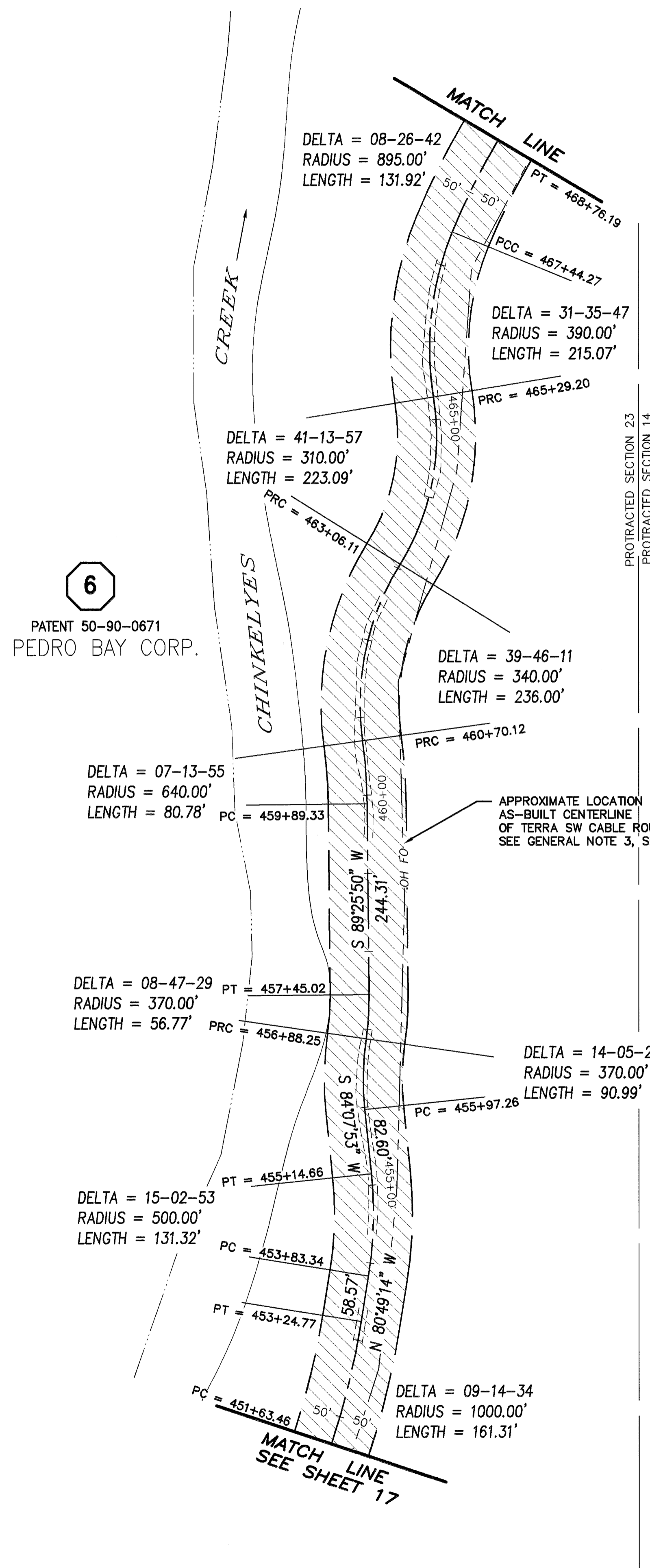
CENTERLINE COORDINATES

DESC.	STA.	NORTHING	EASTING
PT	468+76.19	59031.1365	14710.6503
PC	471+28.99	59160.4956	14493.4513
PRC	471+95.13	59199.5652	14440.2052
PRC	473+66.98	59278.0780	14289.3308
PRC	474+75.12	59328.2438	14194.8786
PRC	475+79.45	59390.3696	14111.3060
PRC	477+22.00	59477.0629	13998.5997
PRC	478+56.01	59564.9877	13897.5864
PRC	479+64.76	59644.3961	13824.0572
PT	481+11.93	59744.8786	13718.3646
PC	482+54.74	59816.6495	13594.8917
PT	483+60.91	59896.8050	13528.6849
PC	484+77.32	60006.6931	13490.2457
PT	486+60.73	60130.6757	13363.8527
PC	488+35.87	60185.3098	13197.4558

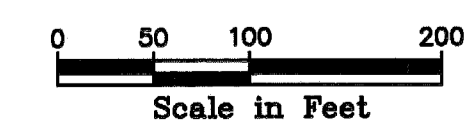
6
PATENT 50-90-0671
PEDRO BAY CORP.

6
PATENT 50-90-0671
PEDRO BAY CORP.

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PATENT 50-90-0671
PEDRO BAY CORP.



SEE "ROW GENERAL NOTES", SHEET 28
Iliamna Recording District PL 2015-2

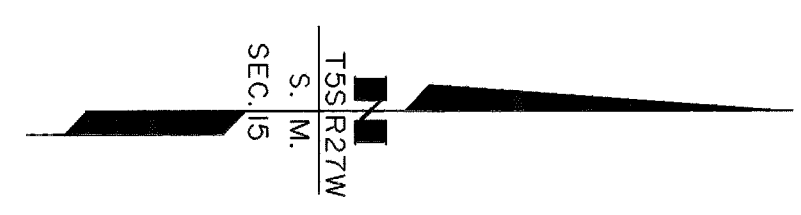


DATE	REVISIONS	BY

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 &
 PUBLIC FACILITIES
 RECORD OF SURVEY
 RIGHT OF WAY BASE MAP
 ALASKA PROJECT
 STATE PROJECT No. 52775
WILLIAMSPORT TO
PILE BAY ROAD

DRAWN epf	DATE JAN, 2014	SCALE 1" = 100'
CHECKED PLH	DATE	SHEET 18 OF 29

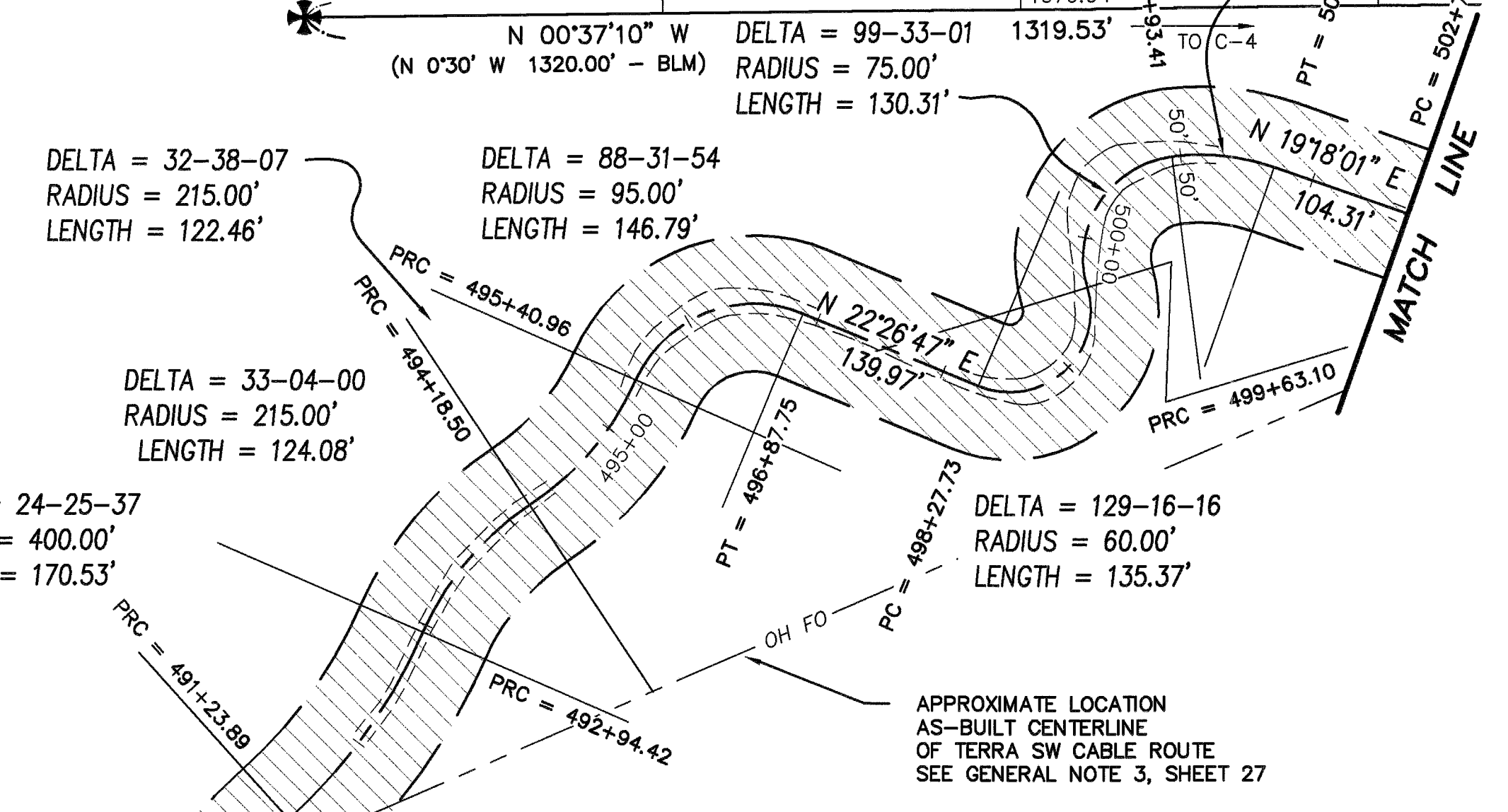
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6
PATENT 50-90-0671
PEDRO BAY CORP.

LOT 2, U. S. S. No. 8 8 0 3
BK 21, PG. 800 BK 21, PG. 791 BK 21, PG. 827

DELTA = 26-34-29
RADIUS = 165.00'
LENGTH = 76.53'

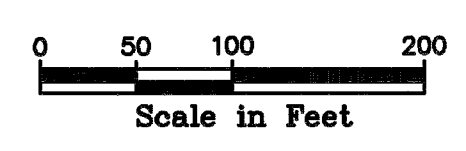


CENTERLINE COORDINATES

DESC.	STA.	NORTHING	EASTING
PC	488+35.87	60185.3098	13197.4558
PRC	491+23.89	60340.6013	12958.7256
PRC	492+94.42	60439.3540	12821.2807
PRC	494+18.50	60518.0371	12727.5656
PRC	495+40.96	60596.0695	12635.3327
PT	496+87.75	60719.1864	12586.0411
PC	498+27.73	60848.5552	12639.4856
PRC	499+63.10	60928.8960	12566.6646
PCC	500+93.41	60991.1889	12470.5600
PT	501+69.94	61066.6171	12478.5049
PC	502+74.25	61165.0683	12512.9824

CENTERLINE GLOSSARY

PT	POINT OF TANGENCY
PC	POINT OF CURVATURE
PRC	POINT OF REVERSE CURVATURE
PCC	POINT OF COMPOUND CURVATURE
DELTA = XX-XX-XX	CURVE DELTA IN DEGREES-MINUTES-SECONDS

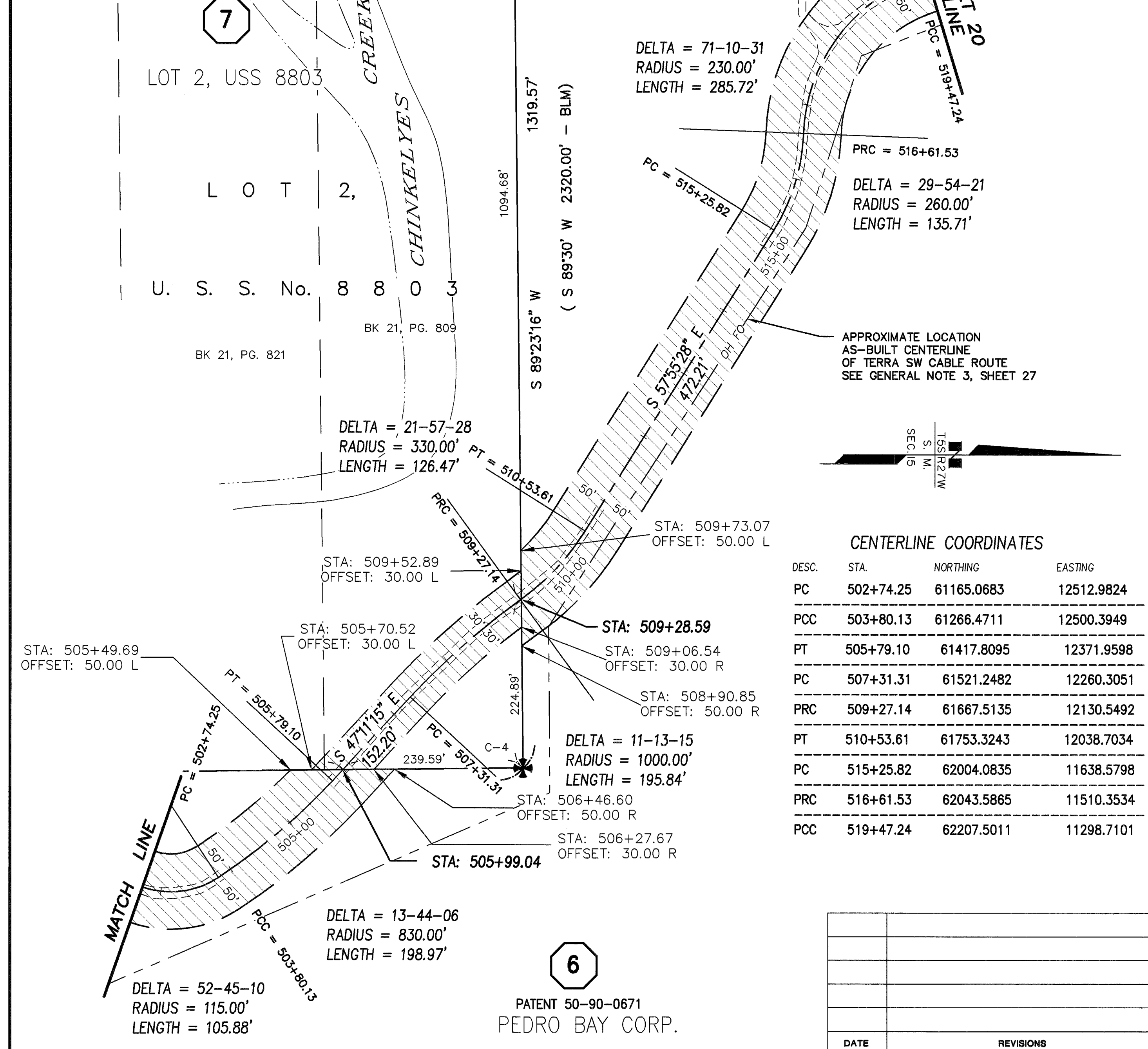


U. S. S. No. 1 7 5 0

7
LOT 2, USS 8803
BK 21, PG. 821

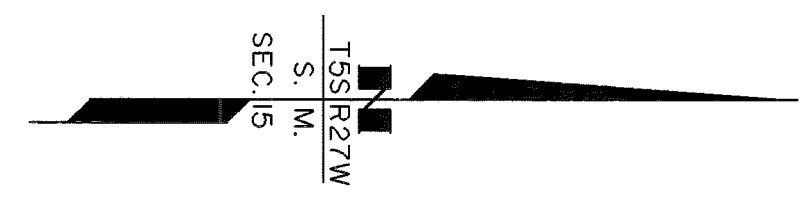
LOT 2,
U. S. S. No. 8 8 0 3
BK 21, PG. 809

6
PATENT 50-90-0671
PEDRO BAY CORP.

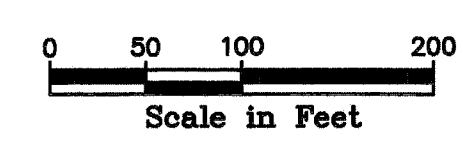


CENTERLINE COORDINATES

DESC.	STA.	NORTHING	EASTING
PC	502+74.25	61165.0683	12512.9824
PCC	503+80.13	61266.4711	12500.3949
PT	505+79.10	61417.8095	12371.9598
PC	507+31.31	61521.2482	12260.3051
PRC	509+27.14	61667.5135	12130.5492
PT	510+53.61	61753.3243	12038.7034
PC	515+25.82	62004.0835	11638.5798
PRC	516+61.53	62043.5865	11510.3534
PCC	519+47.24	62207.5011	11298.7101



6
PATENT 50-90-0671
PEDRO BAY CORP.



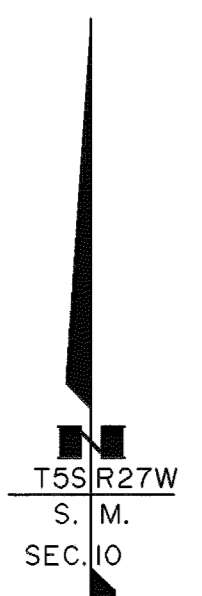
DATE	REVISIONS	BY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
PUBLIC FACILITIES
RECORD OF SURVEY
RIGHT OF WAY BASE MAP
ALASKA PROJECT
STATE PROJECT No. 52775
**WILLIAMSPORT TO
PILE BAY ROAD**

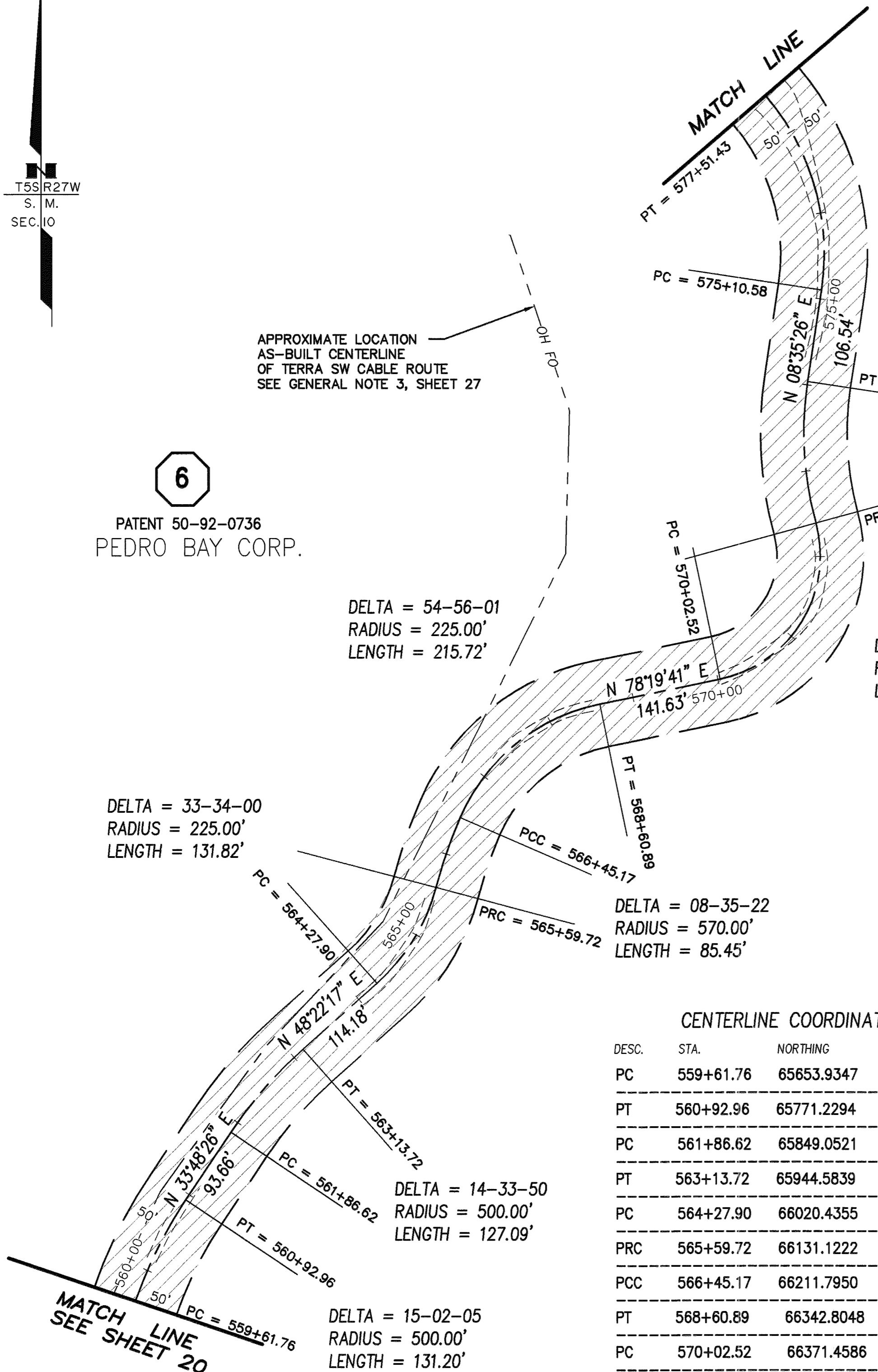
DRAWN	epf	DATE	JAN. 2014	SCALE	1" = 100'
CHECKED	PLH	DATE		SHEET	19 OF 29

SEE "ROW GENERAL NOTES", SHEET 28
Iliamna Recording District PL 2015-2

CENTERLINE GLOSSARY	
PT	POINT OF TANGENCY
PC	POINT OF CURVATURE
PRC	POINT OF REVERSE CURVATURE
PCC	POINT OF COMPOUND CURVATURE
DELTA = XX-XX-XX	CURVE DELTA IN DEGREES-MINUTES-SECONDS



6
PATENT 50-92-0736
PEDRO BAY CORP.



APPROXIMATE LOCATION AS-BUILT CENTERLINE OF TERRA SW CABLE ROUTE SEE GENERAL NOTE 3, SHEET 27

DELTA = 33-34-00
RADIUS = 225.00'
LENGTH = 131.82'

DELTA = 54-56-01
RADIUS = 225.00'
LENGTH = 215.72'

DELTA = 49-17-08
RADIUS = 280.00'
LENGTH = 240.85'

DELTA = 23-52-33
RADIUS = 395.00'
LENGTH = 164.60'

DELTA = 93-36-48
RADIUS = 145.00'
LENGTH = 236.91'

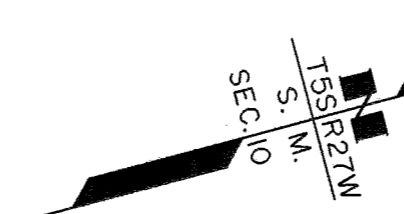
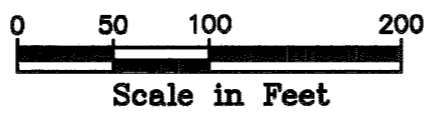
DELTA = 08-35-22
RADIUS = 570.00'
LENGTH = 85.45'

DELTA = 14-33-50
RADIUS = 500.00'
LENGTH = 127.09'

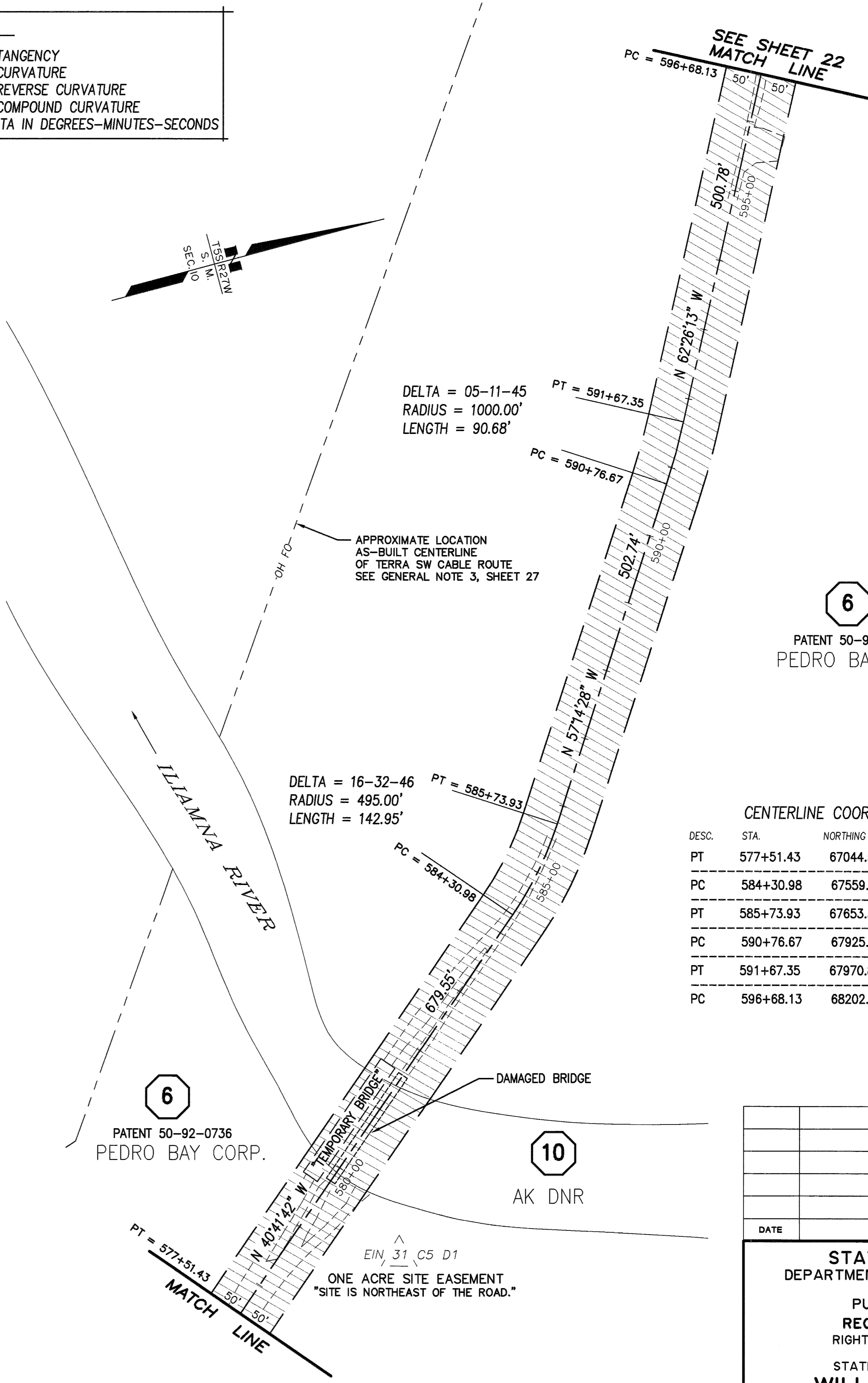
DELTA = 15-02-05
RADIUS = 500.00'
LENGTH = 131.20'

CENTERLINE COORDINATES

DESC.	STA.	NORTHING	EASTING
PC	559+61.76	65653.9347	12025.5284
PT	560+92.96	65771.2294	12083.4735
PC	561+86.62	65849.0521	12135.5856
PT	563+13.72	65944.5839	12218.8920
PC	564+27.90	66020.4355	12304.2395
PRC	565+59.72	66131.1222	12372.3025
PCC	566+45.17	66211.7950	12400.2371
PT	568+60.89	66342.8048	12561.2212
PC	570+02.52	66371.4586	12699.9254
PRC	572+39.43	66551.6862	12810.4610
PT	574+04.04	66714.8204	12800.9192
PC	575+10.58	66820.1671	12816.8334
PT	577+51.43	67044.5599	12752.2682



6
PATENT 50-92-0736
PEDRO BAY CORP.



DELTA = 05-11-45
RADIUS = 1000.00'
LENGTH = 90.68'

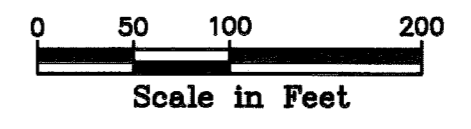
DELTA = 16-32-46
RADIUS = 495.00'
LENGTH = 142.95'

6
PATENT 50-92-0736
PEDRO BAY CORP.

CENTERLINE COORDINATES

DESC.	STA.	NORTHING	EASTING
PT	577+51.43	67044.5599	12752.2682
PC	584+30.98	67559.7858	12309.1822
PT	585+73.93	67653.3031	12201.7238
PC	590+76.67	67925.3370	11778.9422
PT	591+67.35	67970.8834	11700.5626
PC	596+68.13	68202.6080	11256.6164

10
AK DNR



DATE	REVISIONS	BY

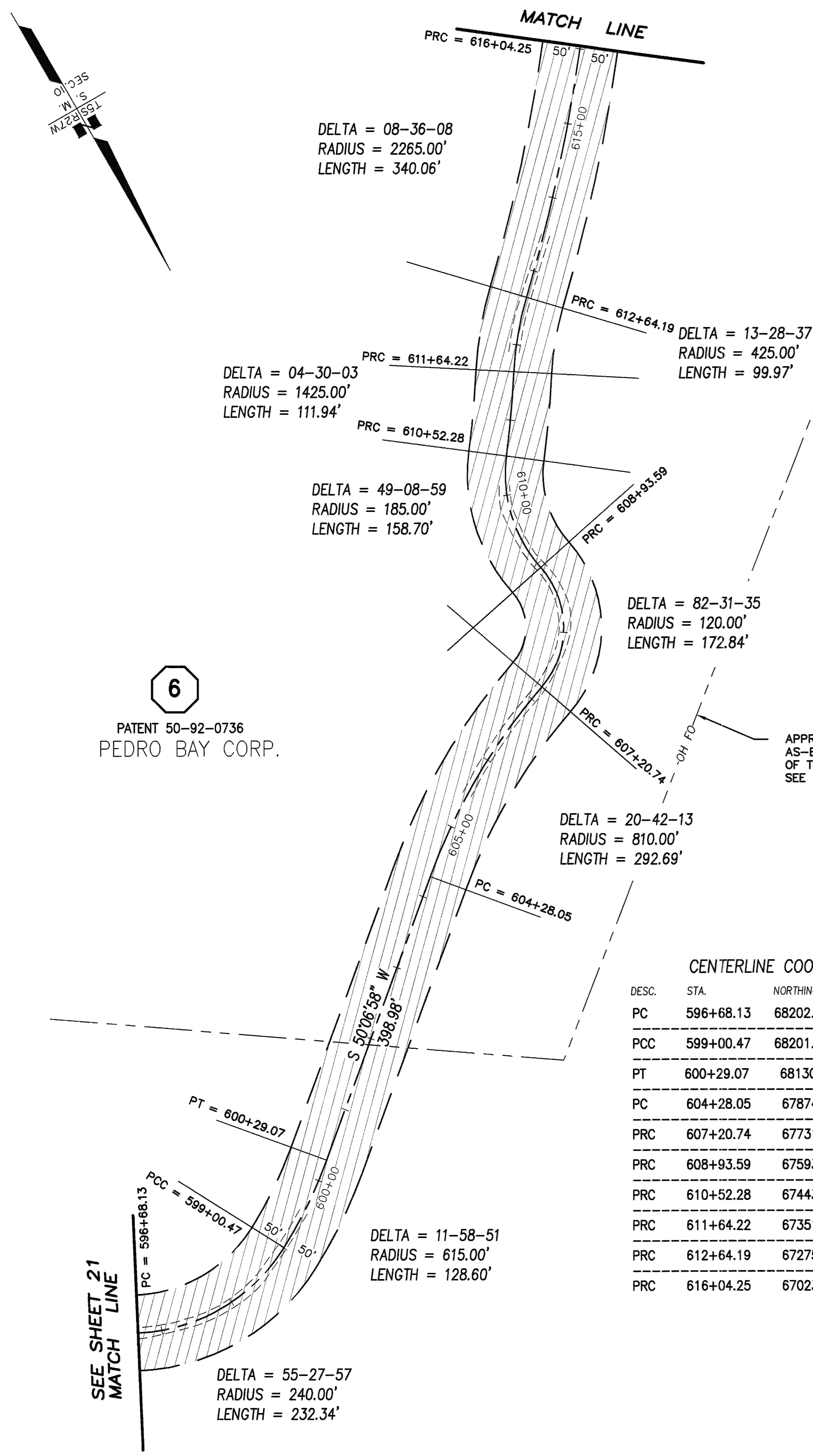
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
a
PUBLIC FACILITIES
RECORD OF SURVEY
RIGHT OF WAY BASE MAP
ALASKA PROJECT
STATE PROJECT No. 52775
**WILLIAMSPORT TO
PILE BAY ROAD**

DRAWN epf DATE JAN. 2014 SCALE 1" = 100'
CHECKED PLH DATE SHEET 21 OF 29

SEE "ROW GENERAL NOTES", SHEET 28
Iliamna Recording District PL 2015-2

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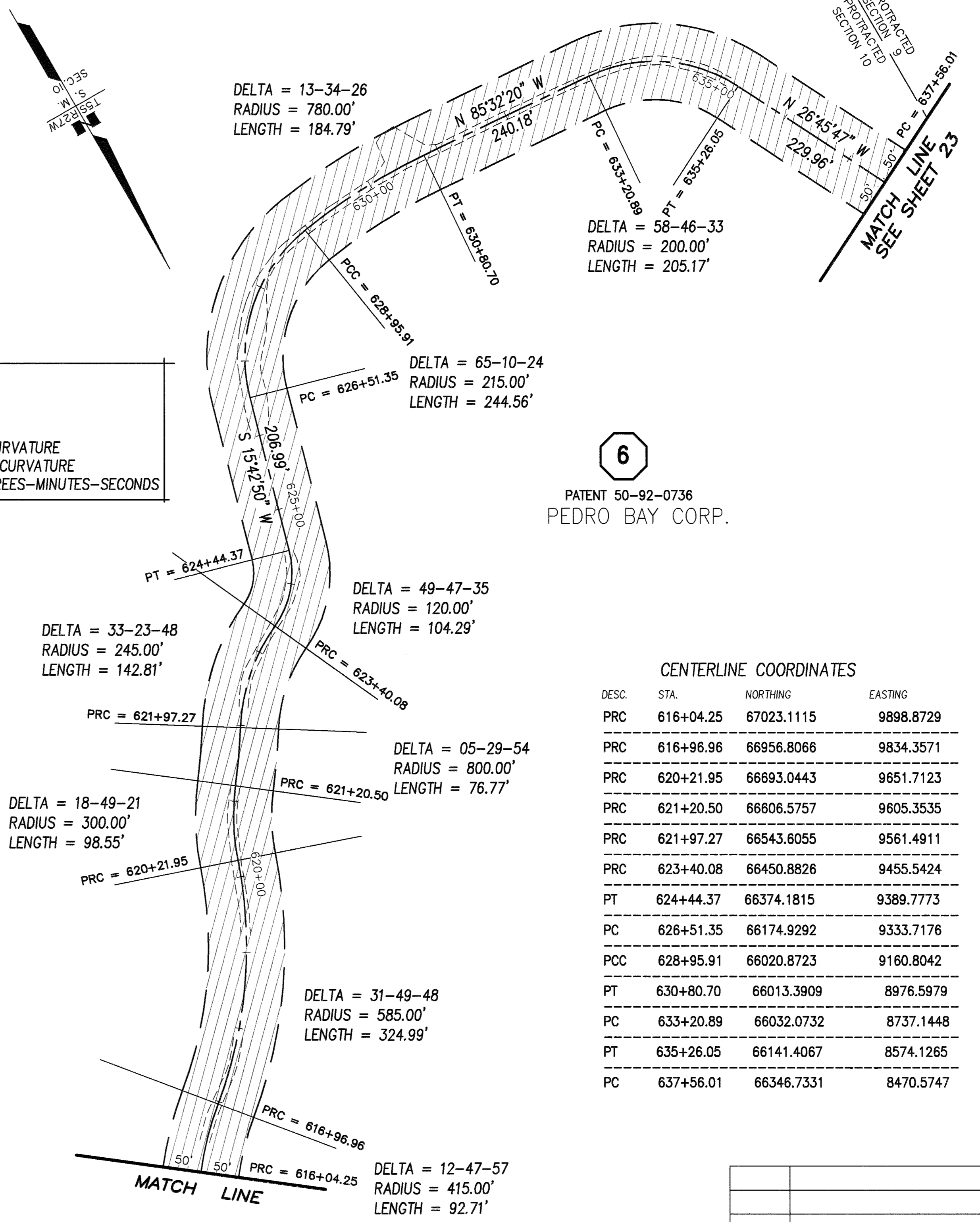
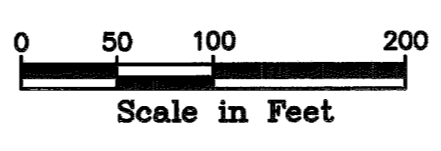
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6
PATENT 50-92-0736
PEDRO BAY CORP.

CENTERLINE GLOSSARY	
PT	POINT OF TANGENCY
PC	POINT OF CURVATURE
PRC	POINT OF REVERSE CURVATURE
PCC	POINT OF COMPOUND CURVATURE
DELTA = XX-XX-XX	CURVE DELTA IN DEGREES-MINUTES-SECONDS

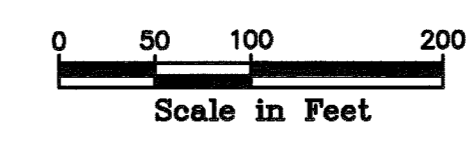
CENTERLINE COORDINATES			
DESC.	STA.	NORTHING	EASTING
PC	596+68.13	68202.6080	11256.6164
PCC	599+00.47	68201.9454	11033.2487
PT	600+29.07	68130.3619	10926.6946
PC	604+28.05	67874.5211	10620.5372
PRC	607+20.74	67731.0340	10367.2548
PRC	608+93.59	67593.3472	10289.1755
PRC	610+52.28	67443.3359	10254.9058
PRC	611+64.22	67351.8800	10190.4082
PRC	612+64.19	67275.1210	10126.7253
PRC	616+04.25	67023.1115	9898.8729



6
PATENT 50-92-0736
PEDRO BAY CORP.

CENTERLINE COORDINATES			
DESC.	STA.	NORTHING	EASTING
PRC	616+04.25	67023.1115	9898.8729
PRC	616+96.96	66956.8066	9834.3571
PRC	620+21.95	66693.0443	9651.7123
PRC	621+20.50	66606.5757	9605.3535
PRC	621+97.27	66543.6055	9561.4911
PRC	623+40.08	66450.8826	9455.5424
PT	624+44.37	66374.1815	9389.7773
PC	626+51.35	66174.9292	9333.7176
PCC	628+95.91	66020.8723	9160.8042
PT	630+80.70	66013.3909	8976.5979
PC	633+20.89	66032.0732	8737.1448
PT	635+26.05	66141.4067	8574.1265
PC	637+56.01	66346.7331	8470.5747

SEE "ROW GENERAL NOTES", SHEET 28
Iliamna Recording District PL 2015-2



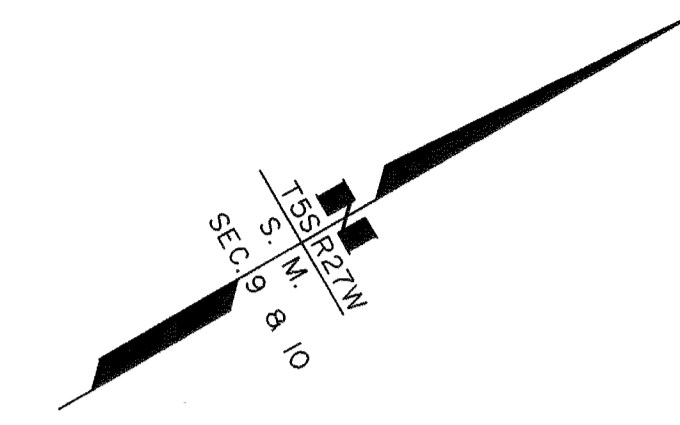
DATE	REVISIONS	BY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RECORD OF SURVEY
RIGHT OF WAY BASE MAP
ALASKA PROJECT
STATE PROJECT No. 52775
**WILLIAMSPT TO
PILE BAY ROAD**

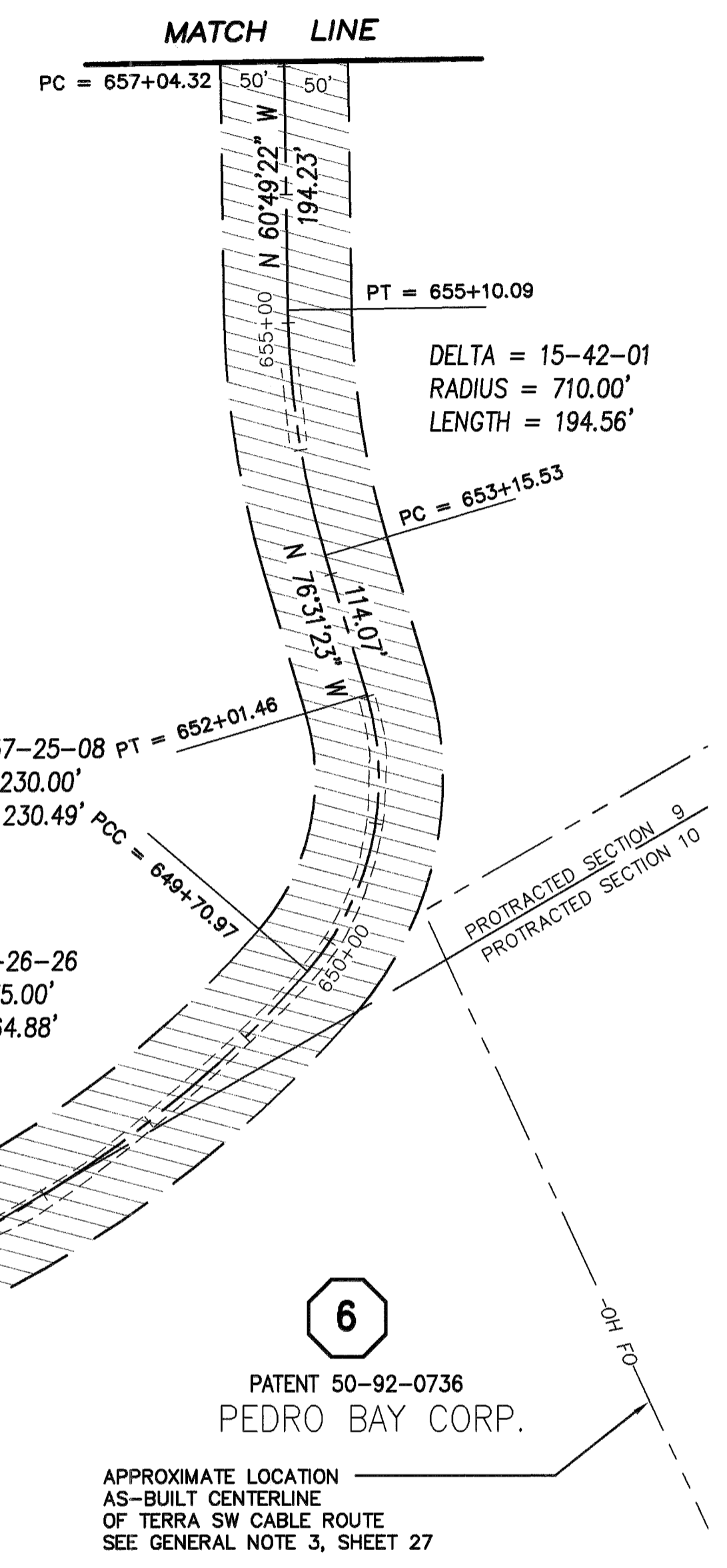
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CHECKED PLH	DATE	SHEET 22 OF 29

CENTERLINE GLOSSARY

PT	POINT OF TANGENCY
PC	POINT OF CURVATURE
PRC	POINT OF REVERSE CURVATURE
PCC	POINT OF COMPOUND CURVATURE
DELTA = XX-XX-XX	CURVE DELTA IN DEGREES-MINUTES-SECONDS

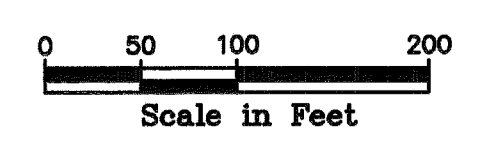


6
PATENT 50-92-0736
PEDRO BAY CORP.



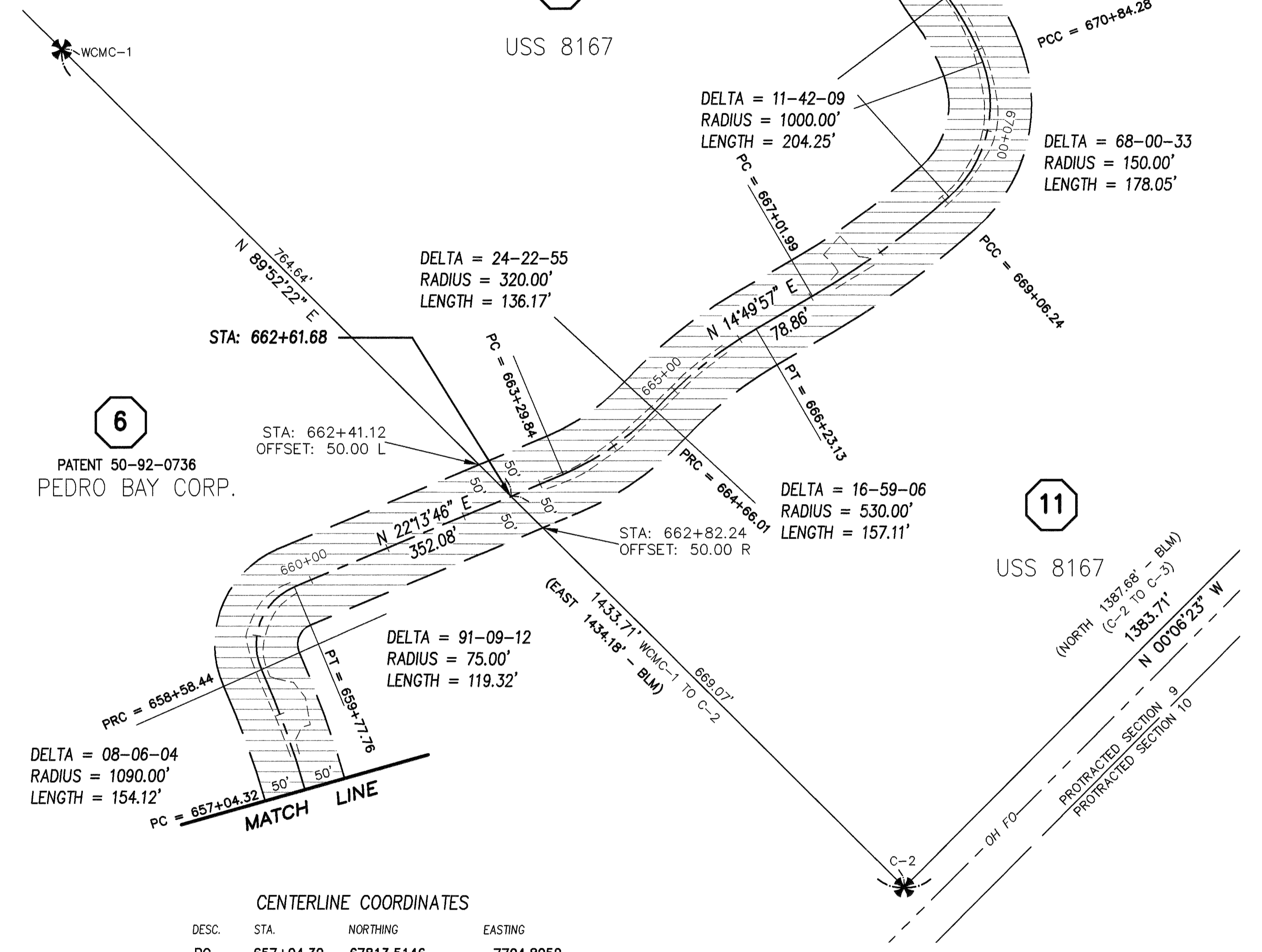
CENTERLINE COORDINATES

DESC.	STA.	NORTHING	EASTING
PC	637+56.01	66346.7331	8470.5747
PRC	639+09.47	66456.7688	8366.6889
PT	641+20.97	66637.3262	8285.1510
PC	645+06.09	67014.9362	8360.8550
PCC	649+70.97	67473.3114	8329.7359
PT	652+01.46	67621.7021	8166.0058
PC	653+15.53	67648.2863	8055.0784
PT	655+10.09	67718.8236	7874.4125
PC	657+04.32	67813.5146	7704.8252



U. S. S. No. 8 1 6 7

11
USS 8167

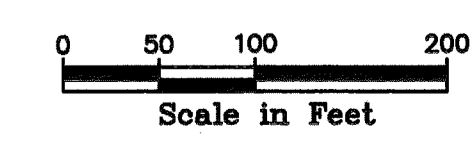
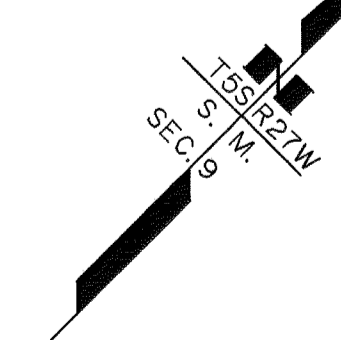


6
PATENT 50-92-0736
PEDRO BAY CORP.

11
USS 8167

CENTERLINE COORDINATES

DESC.	STA.	NORTHING	EASTING
PC	657+04.32	67813.5146	7704.8252
PRC	658+58.44	67878.9016	7565.4082
PT	659+77.76	67977.2583	7522.9531
PC	663+29.84	68303.1716	7656.1522
PRC	664+66.01	68436.2521	7679.7103
PT	666+23.13	68591.8349	7696.9968
PC	667+01.99	68668.0700	7717.1853
PCC	669+06.24	68869.4614	7749.0152
PCC	670+84.28	69013.4640	7662.9182
PRC	671+74.95	69039.0607	7576.2981
PRC	673+89.25	69154.5754	7404.5835



DATE	REVISIONS	BY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RECORD OF SURVEY
RIGHT OF WAY BASE MAP
ALASKA PROJECT
STATE PROJECT No. 52775
WILLIAMSPORT TO PILE BAY ROAD

DRAWN	epf	DATE	JAN. 2014	SCALE	1" = 100'
CHECKED	PLH	DATE		SHEET	23 OF 29

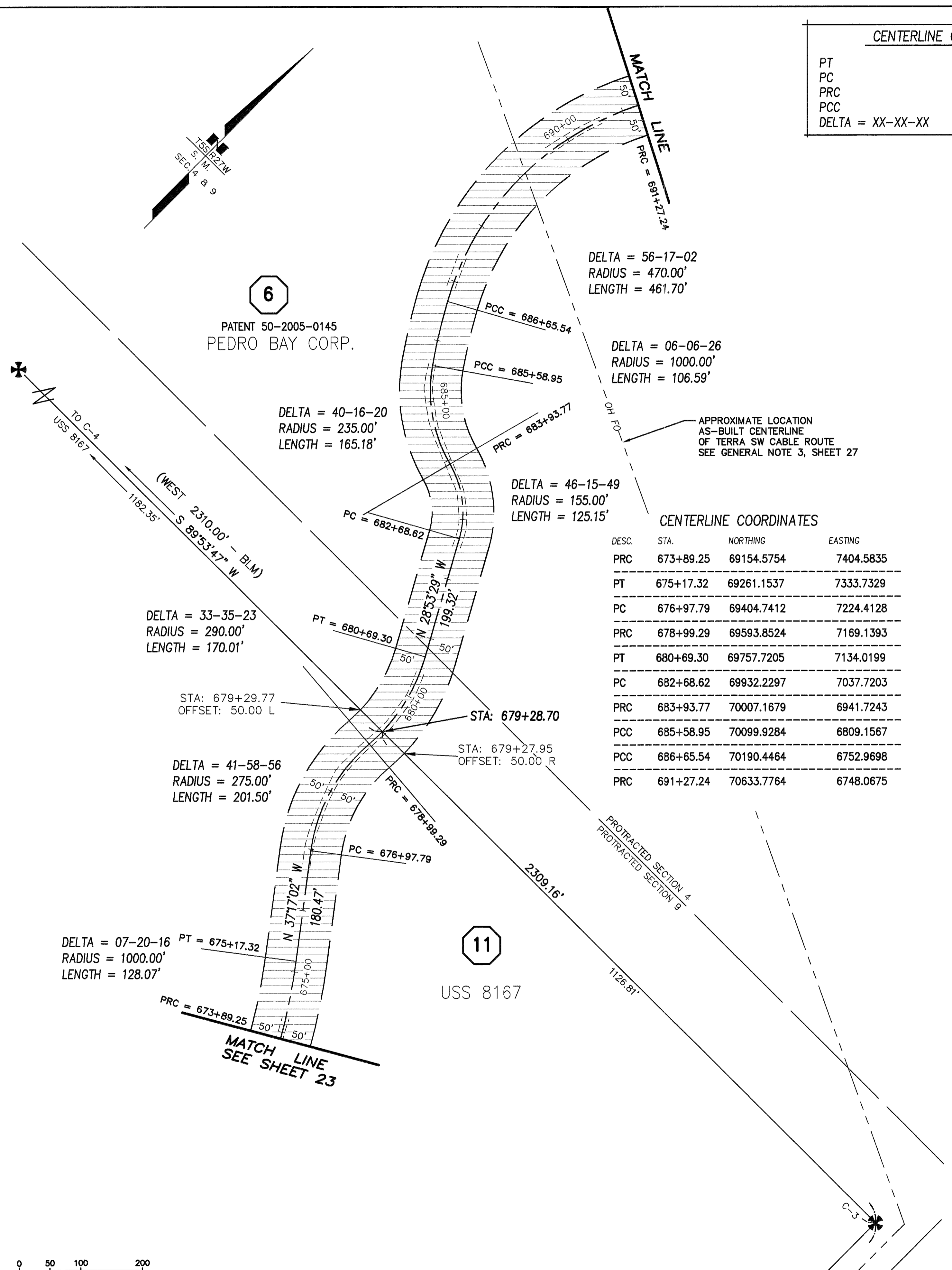
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SEE "ROW GENERAL NOTES", SHEET 27
Iliamna Recording District PL 2015-2

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CENTERLINE GLOSSARY

PT	POINT OF TANGENCY
PC	POINT OF CURVATURE
PRC	POINT OF REVERSE CURVATURE
PCC	POINT OF COMPOUND CURVATURE
DELTA = XX-XX-XX	CURVE DELTA IN DEGREES-MINUTES-SECONDS



DELTA = 56-17-02
RADIUS = 470.00'
LENGTH = 461.70'

DELTA = 06-06-26
RADIUS = 1000.00'
LENGTH = 106.59'

DELTA = 46-15-49
RADIUS = 155.00'
LENGTH = 125.15'

DELTA = 33-35-23
RADIUS = 290.00'
LENGTH = 170.01'

DELTA = 41-58-56
RADIUS = 275.00'
LENGTH = 201.50'

DELTA = 07-20-16
RADIUS = 1000.00'
LENGTH = 128.07'

CENTERLINE COORDINATES

DESC.	STA.	NORTHING	EASTING
PRC	673+89.25	69154.5754	7404.5835
PT	675+17.32	69261.1537	7333.7329
PC	676+97.79	69404.7412	7224.4128
PRC	678+99.29	69593.8524	7169.1393
PT	680+69.30	69757.7205	7134.0199
PC	682+68.62	69932.2297	7037.7203
PRC	683+93.77	70007.1679	6941.7243
PCC	685+58.95	70099.9284	6809.1567
PCC	686+65.54	70190.4464	6752.9698
PRC	691+27.24	70633.7764	6748.0675

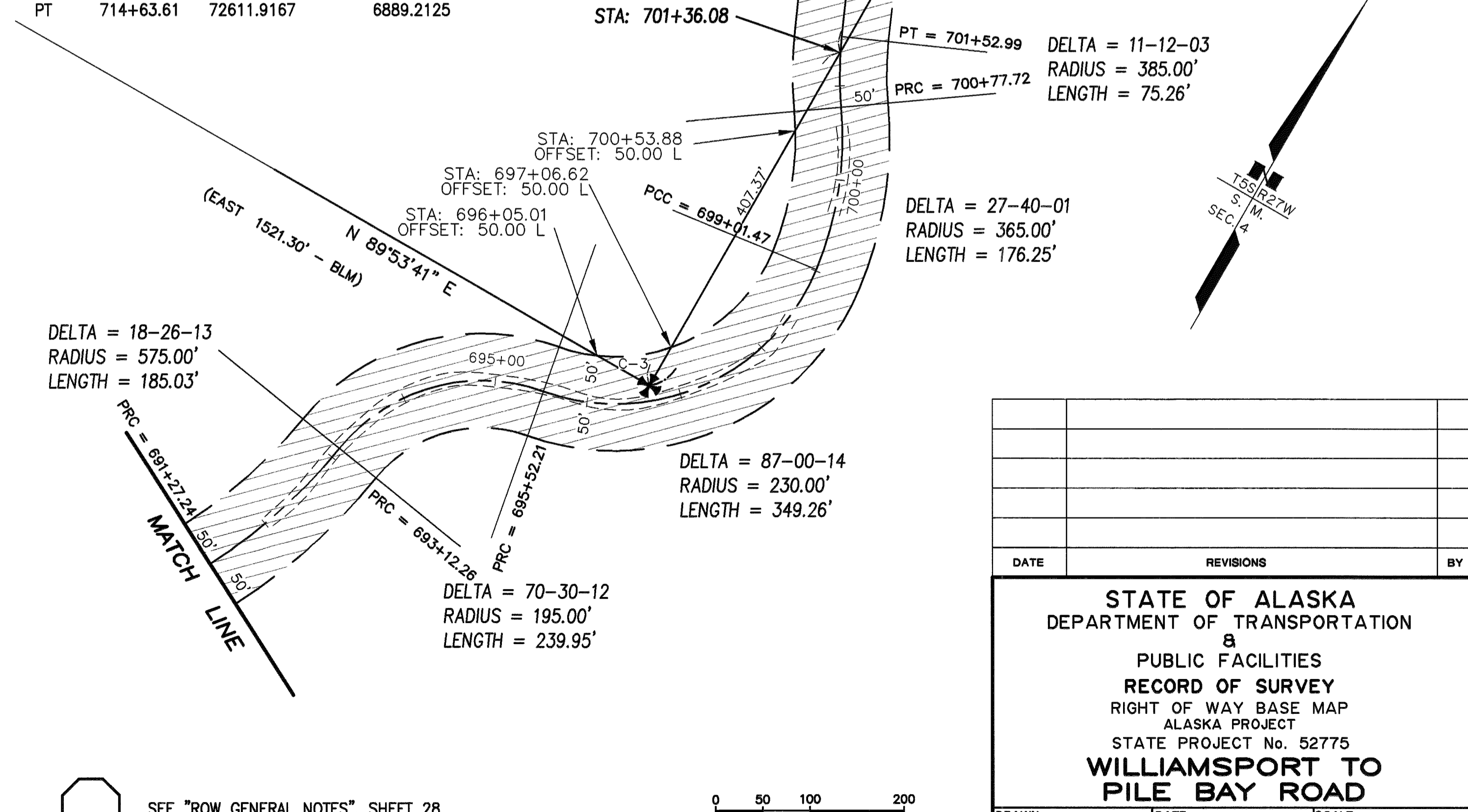
APPROXIMATE LOCATION
AS-BUILT CENTERLINE
OF TERRA SW CABLE ROUTE
SEE GENERAL NOTE 3, SHEET 27

U. S. S. No. 8507

USS 8507

CENTERLINE COORDINATES

DESC.	STA.	NORTHING	EASTING
PRC	691+27.24	70633.7764	6748.0675
PRC	693+12.26	70808.6977	6805.8830
PRC	695+52.21	70969.7336	6963.1585
PCC	699+01.47	71225.6757	7149.6091
PRC	700+77.72	71388.3377	7086.3121
PT	701+52.99	71453.7436	7049.3139
PC	704+49.59	71724.9238	6929.1711
PRC	705+49.13	71813.7769	6884.3918
PRC	707+15.69	71971.7955	6890.4977
PRC	708+31.75	72075.2500	6942.3842
PRC	709+87.51	72204.3130	7026.8124
PCC	711+50.36	72353.6926	7063.5334
PRC	712+75.92	72459.9617	6998.4032
PT	714+63.61	72611.9167	6889.2125



SEE SHEET 25
MATCH LINE

PT = 714+63.61
DELTA = 15-35-09
RADIUS = 690.00'
LENGTH = 187.70'

DELTA = 23-58-45
RADIUS = 300.00'
LENGTH = 125.55'

DELTA = 66-38-57
RADIUS = 140.00'
LENGTH = 162.85'

DELTA = 14-46-37
RADIUS = 450.00'
LENGTH = 116.06'

DELTA = 63-37-21
RADIUS = 150.00'
LENGTH = 166.56'

DELTA = 05-42-12
RADIUS = 1000.00'
LENGTH = 99.54'

DELTA = 27-53-18
RADIUS = 320.00'
LENGTH = 155.76'

DELTA = 11-12-03
RADIUS = 385.00'
LENGTH = 75.26'

DELTA = 27-40-01
RADIUS = 365.00'
LENGTH = 176.25'

DELTA = 87-00-14
RADIUS = 230.00'
LENGTH = 349.26'

DELTA = 70-30-12
RADIUS = 195.00'
LENGTH = 239.95'

DELTA = 18-26-13
RADIUS = 575.00'
LENGTH = 185.03'

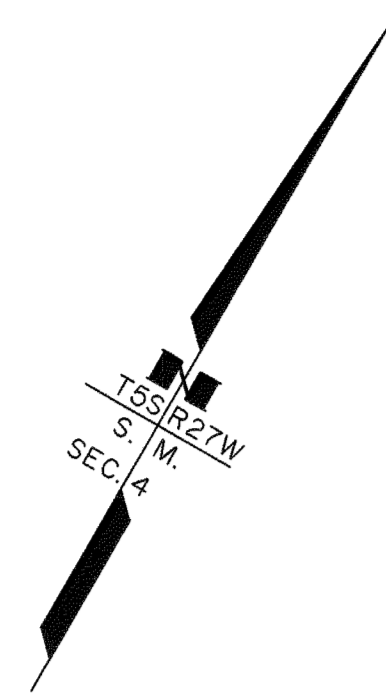
DATE	REVISIONS	BY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RECORD OF SURVEY
RIGHT OF WAY BASE MAP
ALASKA PROJECT
STATE PROJECT No. 52775
**WILLIAMSPORT TO
PILE BAY ROAD**

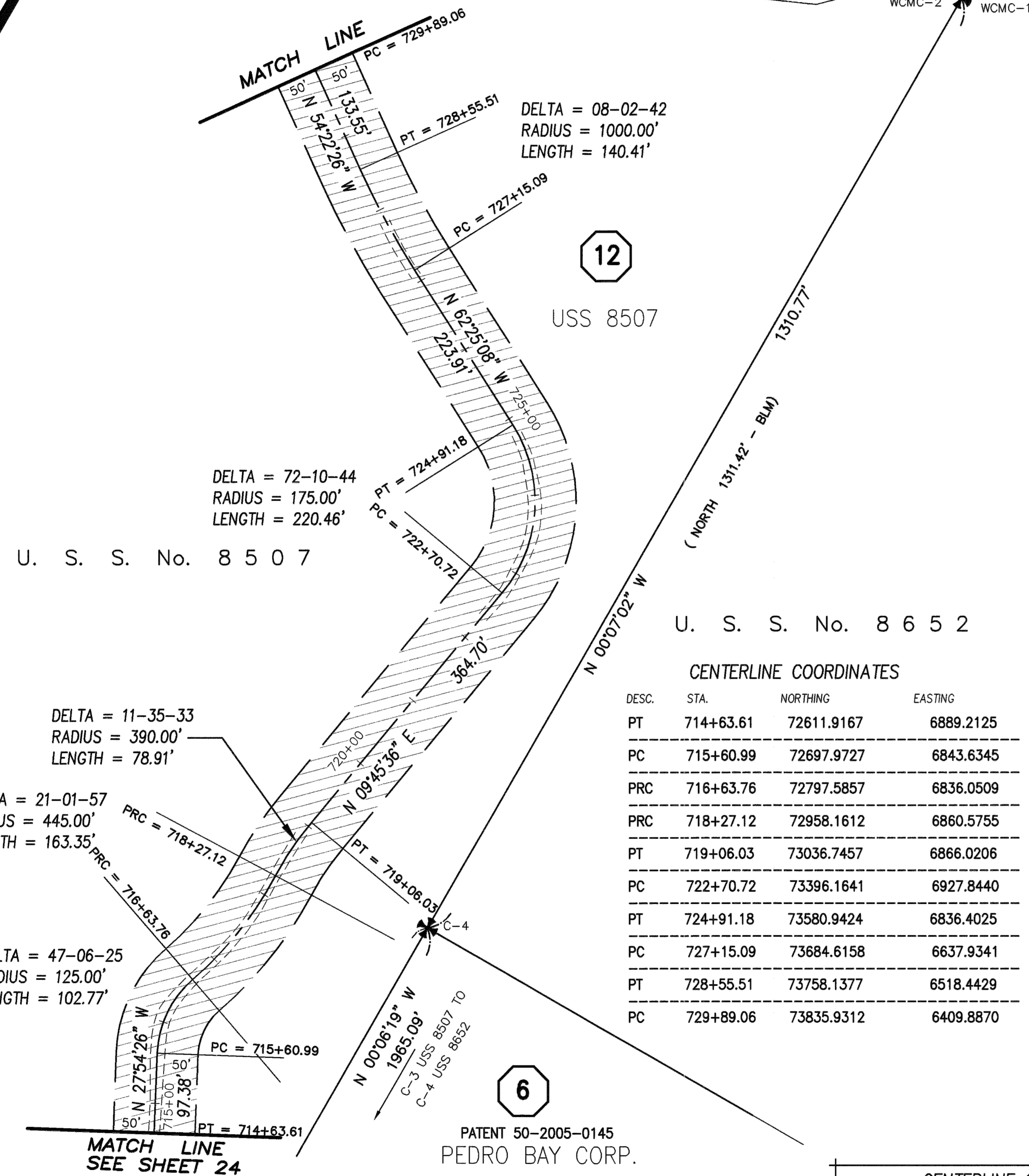
DRAWN	epf	DATE	JAN. 2014	SCALE	1" = 100'
CHECKED	PLH	DATE		SHEET	24 OF 29

SEE "ROW GENERAL NOTES", SHEET 28

Iliamna Recording District PL 2015-2



LAKE ILIAMNA
PILE BAY

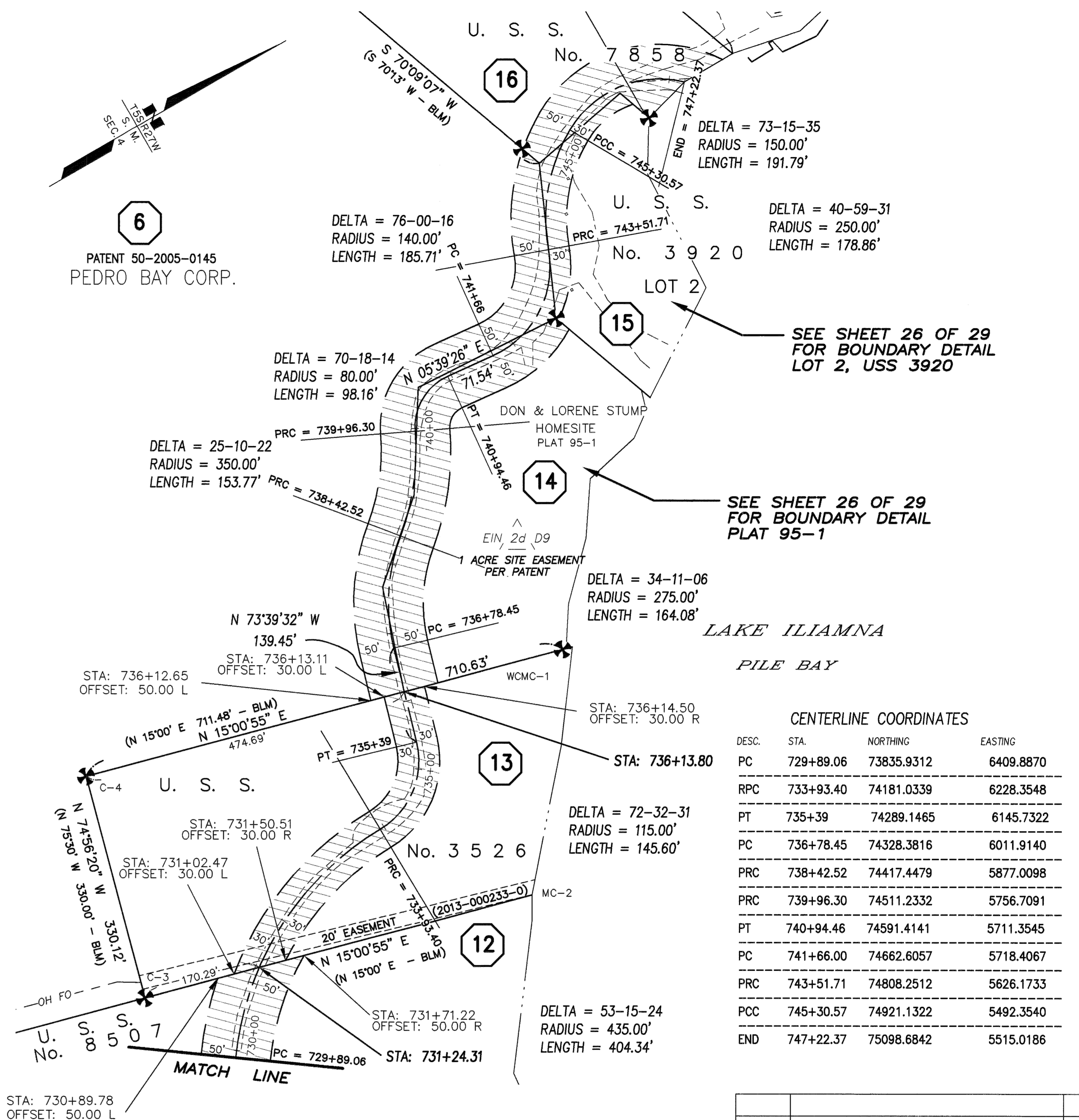
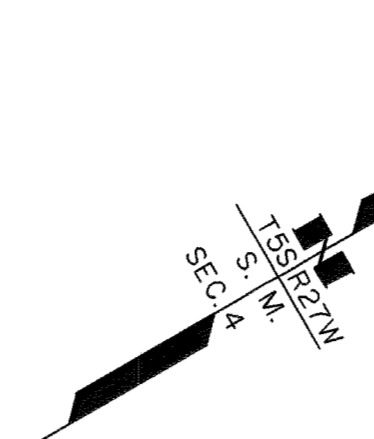
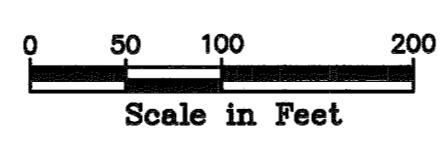


CENTERLINE COORDINATES

DESC.	STA.	NORTHING	EASTING
PT	714+63.61	72611.9167	6889.2125
PC	715+60.99	72697.9727	6843.6345
PRC	716+63.76	72797.5857	6836.0509
PRC	718+27.12	72958.1612	6860.5755
PT	719+06.03	73036.7457	6866.0206
PC	722+70.72	73396.1641	6927.8440
PT	724+91.18	73580.9424	6836.4025
PC	727+15.09	73684.6158	6637.9341
PT	728+55.51	73758.1377	6518.4429
PC	729+89.06	73835.9312	6409.8870

CENTERLINE GLOSSARY

PT	POINT OF TANGENCY
PC	POINT OF CURVATURE
PRC	POINT OF REVERSE CURVATURE
PCC	POINT OF COMPOUND CURVATURE
DELTA = XX-XX-XX	CURVE DELTA IN DEGREES-MINUTES-SECONDS



CENTERLINE COORDINATES

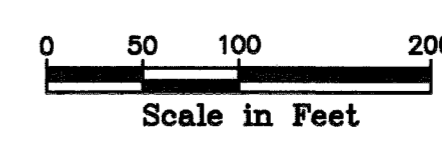
DESC.	STA.	NORTHING	EASTING
PC	729+89.06	73835.9312	6409.8870
RPC	733+93.40	74181.0339	6228.3548
PT	735+39	74289.1465	6145.7322
PC	736+78.45	74328.3816	6011.9140
PRC	738+42.52	74417.4479	5877.0098
PRC	739+96.30	74511.2332	5756.7091
PT	740+94.46	74591.4141	5711.3545
PC	741+66.00	74662.6057	5718.4067
PRC	743+51.71	74808.2512	5626.1733
PCC	745+30.57	74921.1322	5492.3540
END	747+22.37	75098.6842	5515.0186

DATE	REVISIONS	BY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
PUBLIC FACILITIES
RECORD OF SURVEY
RIGHT OF WAY BASE MAP
ALASKA PROJECT
STATE PROJECT No. 52775
**WILLIAMSPORT TO
PILE BAY ROAD**

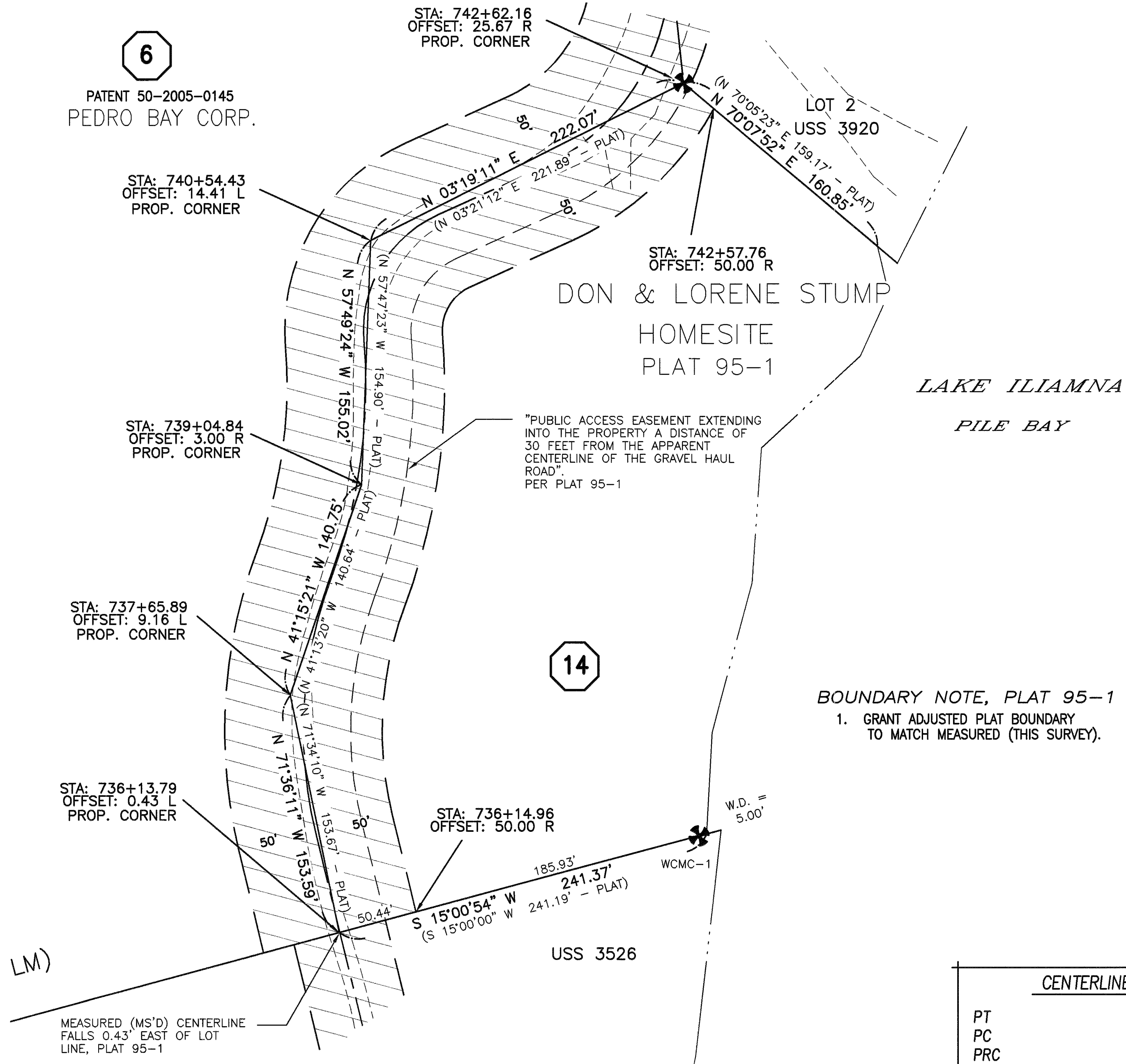
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CHECKED PLH DATE SHEET 25 OF 29

SEE "ROW GENERAL NOTES", SHEET 28
Iliamna Recording District R 2015-2



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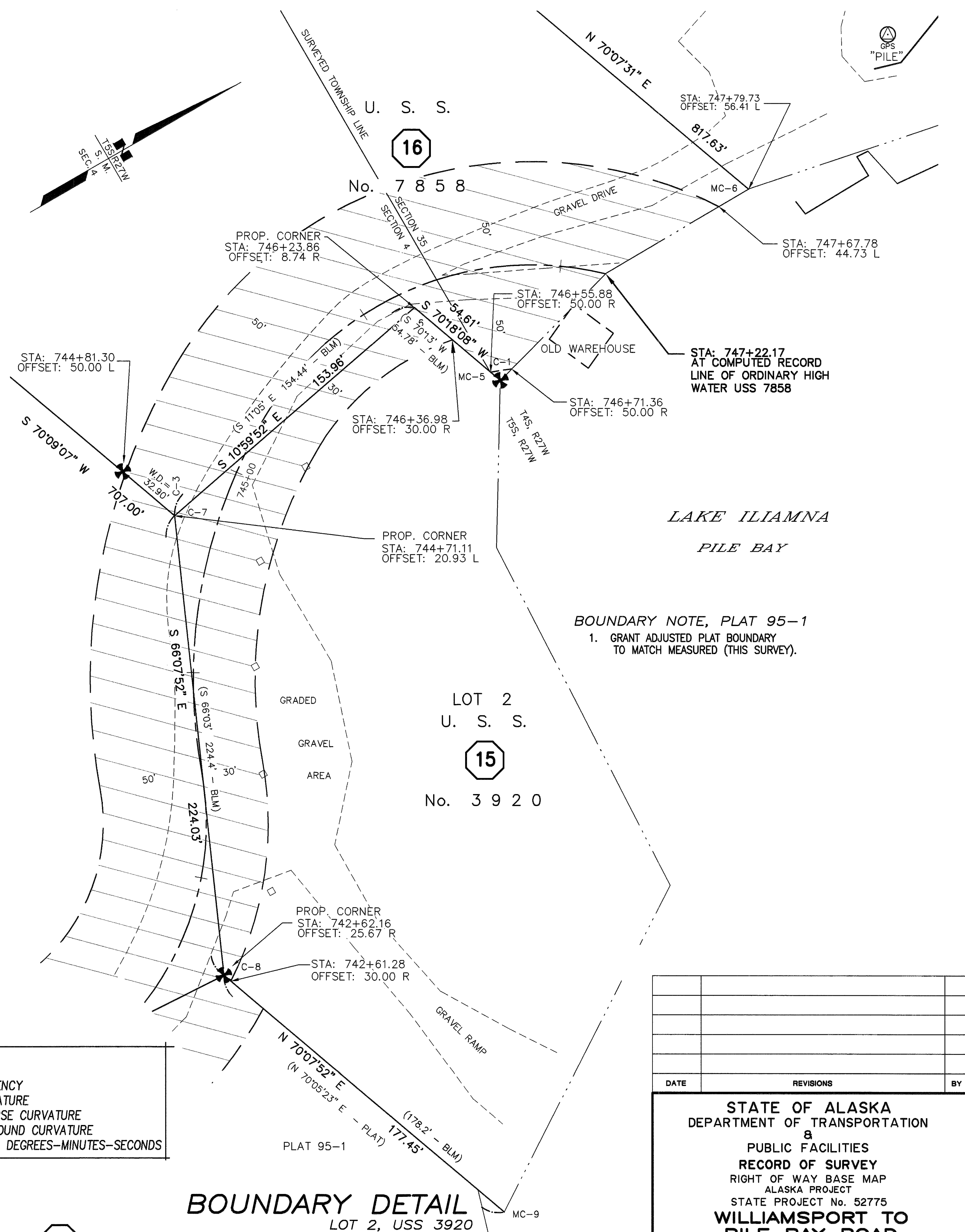
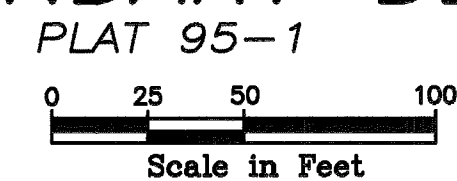
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BOUNDARY NOTE, PLAT 95-1
 1. GRANT ADJUSTED PLAT BOUNDARY TO MATCH MEASURED (THIS SURVEY).

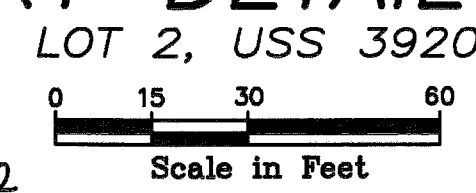
CENTERLINE GLOSSARY	
PT	POINT OF TANGENCY
PC	POINT OF CURVATURE
PRC	POINT OF REVERSE CURVATURE
PCC	POINT OF COMPOUND CURVATURE
DELTA = XX-XX-XX	CURVE DELTA IN DEGREES-MINUTES-SECONDS

BOUNDARY DETAIL



BOUNDARY NOTE, PLAT 95-1
 1. GRANT ADJUSTED PLAT BOUNDARY TO MATCH MEASURED (THIS SURVEY).

BOUNDARY DETAIL



SEE "ROW GENERAL NOTES", SHEET 28
 Iliamna Recording District PL 2015-2

DATE	REVISIONS	BY

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 &
 PUBLIC FACILITIES
 RECORD OF SURVEY
 RIGHT OF WAY BASE MAP
 ALASKA PROJECT
 STATE PROJECT No. 52775
WILLIAMSPORT TO PILE BAY ROAD

DRAWN	epf	DATE	JAN. 2014	SCALE	NOTED
CHECKED	PLH	DATE		SHEET	26 OF 29

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RECOVERED CORNERS

LOCATION	MONUMENT TYPE	MON. YEAR	NORTHING	EASTING	SHEET NO.
GR 263 EC1	BLM AL CAP	1977	56325.3222	24267.2918	4
T5S R27W, S 25 / S36 T5S R26W, S30 / S31	BLM AL PIPE MON	1977	48662.7845	24279.3801	4, 14
T5S R27W, S 13 / S24 T5S R26W, S18 / S19	BLM PIPE MON	1977	59228.6483	24243.9562	4, 14
C-3, USS 1750 / L1 S 8803	GLO BRASS CAP	1927 / 1988	63966.5747	11009.8301	5
CC T4S R27W S 34 / S 3161	BLM AL CAP	1977	75025.5685	5089.2488	5
WCMC-1 USS 3161 WCMC-4 LOT1 USSS 3920	BLM BRASS CAP	1952 / 1977	75431.3531	5473.5163	5
C-3 LOT 1, USS 8803	BLM BRASS CAP	1986	66477.7867	11570.4734	5
C-3, USS 3161 / C-5, USS 7858	BLM BRASS CAP	1952 / 1977 / 1985	74901.1478	4745.0664	5
C-4, USS 7858	BLM AL CAP	1985	74618.9289	4847.0546	5
CC T4S R27W S34 / USS 3161	BLM AL CAP	1977	75024.9884	4700.4416	5
USMC-1 LOT 1, USS 8803 / USS 1750	BLM BRASS CAP	1986	63957.9756	10194.5746	5, 20
GPS "WHIP"	AK DOT&PF BRASS CAP	2007	39811.9898	52231.8606	6
WCMC-1, USS 3428	BLM BRASS CAP	1955	39640.945	52204.1727	6
WCMC-4, USS 3428	BLM BRASS CAP	1955	40156.2754	52411.9367	6
C-3, USS 3428	BLM BRASS CAP	1955	40641.0112	50593.8055	6
GPS "LAKE"	AK DOT&PF AL PIPE MON	2007	46389.4461	39683.6866	10
GPS "VALLEY"	AK DOT&PF AL PIPE MON	2007	50000.0000	30000.0000	13
GPS "BEAR"	AK DOT&PF AL PIPE MON	2007	58030.1123	18795.7443	17
C-3 LOT 2, USS 8803	BLM AL CAP	1986	60351.6364	12368.8409	19
C-4 LOT 2, USS 8803	BLM BRASS CAP	1986	61671.089	12354.5763	19
C-1 LOT 2, USS 8803 / USS 1750	BLM BRASS CAP	1986	61656.9864	11035.0787	19
NE COR. TRACT 3, PLAT 76-3	2" DIA. COPPERWELD	1976	62006.4417	11031.7904	20
SE COR. TRACT 1, PLAT 76-3	2" DIA. COPPERWELD	1976	62036.008	11030.8743	20
C-3, USS 1750 / LOT 1, USS 8803	GLO BRASS CAP	1927 / 1986	63966.6135	11009.8180	20
C-2 LOT 1, USS 8803	BLM BRASS CAP	1986	63972.7692	11576.1270	20
C-2, USS 8167	BLM AL PIPE MON	1986	68241.564	8299.4369	23
WCMC-1, USS 8167	BLM AL PIPE MON	1986	68238.3827	6865.7308	23
C-3, USS 8167	BLM AL PIPE MON	1986	69625.2756	8296.8647	24
C-4, USS 8167	BLM AL PIPE MON	1986	69621.1042	5987.7086	24
C-3, USS 8507	BLM BRASS CAP	1986	71031.0797	7057.2458	24
WCMC-5 LOT 2 USS 3920 WCMC-1 USS 7858	BLM BRASS CAP	1962 / 1977 / 1985	75028.5172	5534.0959	25
RM C-3, USS 7858 RM C7 LOT 2, USS 3920	BLM AL CAP	1985	74847.8839	5481.0787	25
C-8, LOT 2 USS 3920	BLM BRASS CAP	1962 / 1977	74768.3201	5716.9224	25
WCMC-1 USS 3526	BLM BRASS CAP	1959	74538.078	6135.0728	25
WCMC-4, USS 8507 WCMC-5, USS 8652	BLM BRASS CAP	1986	74306.9377	7050.9541	25
C-3 USS 3526 / USS 8507	BLM BRASS CAP	1959 / 1986	73765.9264	6269.7455	25
C-4, USS 3526	BLM BRASS CAP	1959	73851.7088	5950.9636	25
C-4, USS 8652 / USS 8507	BLM BRASS CAP	1986	72996.168	7053.6364	25
GPS "PILE"	AK DOT&PF BRASS CAP	2007	75275.0768	5482.6285	26

SURVEY CONTROL

Horizontal Control Statement

Coordinate System:

This project is located entirely within the Pile Bay Road adjustment, a U.S. Survey Foot local surface grid coordinate system developed by the Alaska Department of Transportation and Public Facilities (AKDOT&PF).

Basis of Coordinates:

The Basis of Coordinates is an NGS OPUS solution at an AKDOT&PF Aluminum Monument, GPS Valley. Said station has local coordinates of 50,000.0000 N, 30,000.0000 E.

Basis of Bearings:

The Basis of Bearings is a local plane bearing between GPS Valley and GPS Pile, an AKDOT&PF Brass Cap Monument. GPS Pile bears N 44°07'41"W a distance of 35,212.65 U.S. Survey Feet from GPS Valley. GPS Pile has local coordinates of 75,275.0768 N, 5,482.6285 E.

Translation Parameters:

To convert the local coordinates to NAD83 (CORS96) (Epoch 2003.0000) Alaska State Plane Zone 5, U.S. Survey Foot coordinates, translate using +2,036,562.2446 N, +1,656,380.1417 E, and scale using 0.99989041515.

To convert the NAD83 (CORS96) (Epoch 2003.0000) Alaska State Plane Zone 5 coordinates to local, U.S. Survey Foot coordinates, scale using 1.00010959686, and translate using -2,036,562.2446 N, -1,656,380.1417 E.

MONUMENT GLOSSARY

GLO	U.S. GENERAL LAND OFFICE
BLM	BUREAU OF LAND MANAGEMENT
BC	BRASS CAP (MONUMENT)
AL	ALUMINUM
AK DOT&PF	ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES

2015-2

Plat # <i>Iliamna</i>
Rec Dist <i>5/1</i>
Date <i>20 15</i>
Time <i>10:59 AM</i>

DATE	REVISIONS			
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES RECORD OF SURVEY RIGHT OF WAY BASE MAP ALASKA PROJECT STATE PROJECT No. 52775 WILLIAMSPORT TO PILE BAY ROAD				
DRAWN epf	DATE SEPT 2013	SCALE NONE		
CHECKED	DATE	SHEET 29	OF 29	

Iliamna Recording District

PL 2015-2