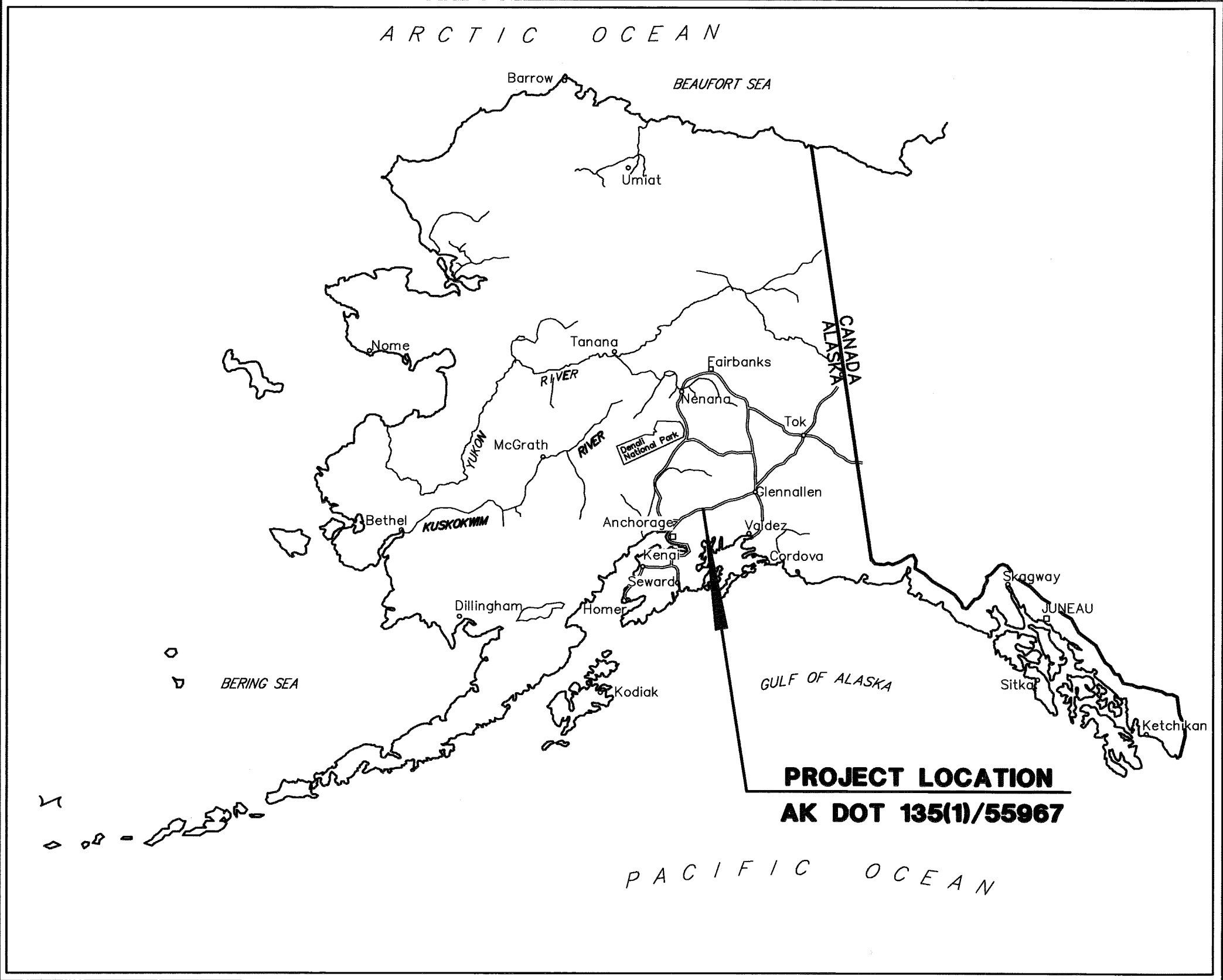


STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

RECORD OF SURVEY
RIGHT OF WAY BASE MAP
**GLENN HIGHWAY
MP 66.5-80
RECONSTRUCTION**

KINGS RIVER TO CHICKALOON RIVER
**AK DOT 135(1)
55967**



SPECIAL GENERAL NOTE

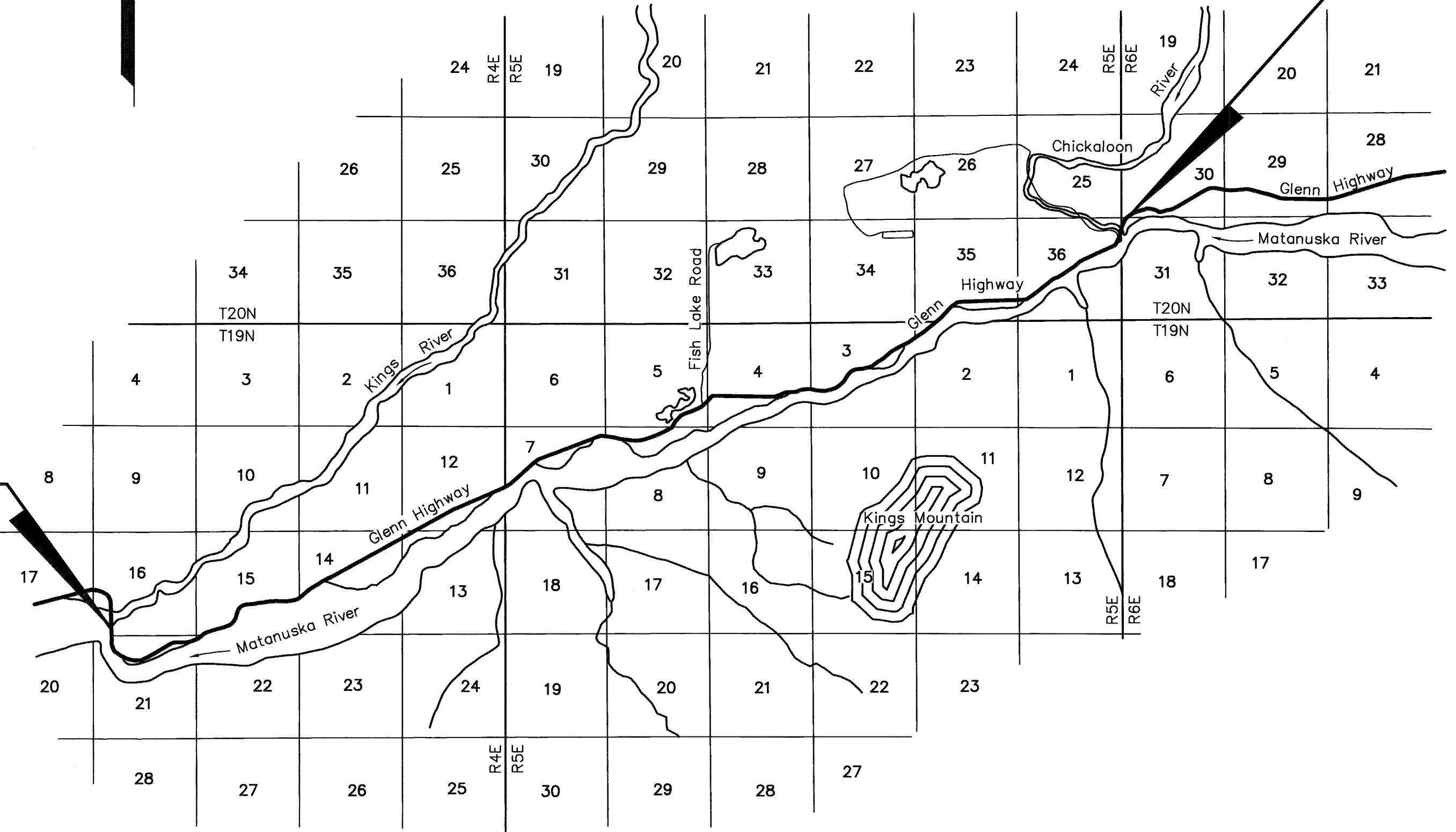
SUBDIVISION NAMES, PLAT NUMBERS AND DEPICTIONS OF PROPERTIES ADJACENT TO THE RIGHT OF WAY SHOWN HEREON WERE GENERATED AT THE TIME OF INITIAL PLAN DEVELOPMENT. THIS PLAN SET DOES NOT NECESSARILY REFLECT THE CURRENT STATUS AT THE TIME OF THE RECORDING OF THIS DOCUMENT.

T19&20N R4,5&6E
S1M.

BEGIN PROJECT

END PROJECT

PROJECT LENGTH 11.5 MI.
SCALE 1"=1 MILE
0 0.5 1.0 2.0
Scale in Miles



PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
AK DOT 135(1)	R-1	R-31

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.

2/12/2015
DATE
LS-11547
REGISTRATION NUMBER
ROBERT M. KEINER

CONSULTANT 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.

2/10/15
DATE
4015-S
REGISTRATION NUMBER
JAMES H. SHARP

DEPARTMENT OF
TRANSPORTATION & PUBLIC FACILITIES

APPROVED FEBRUARY 12, 2015
Date

REGIONAL CHIEF R/W AGENT







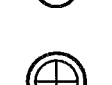



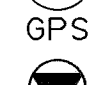




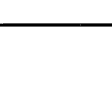

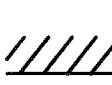



THIS SURVEY DOES NOT CONSTITUTE A
SUBDIVISION AS DEFINED BY AS 40.15.900(5).

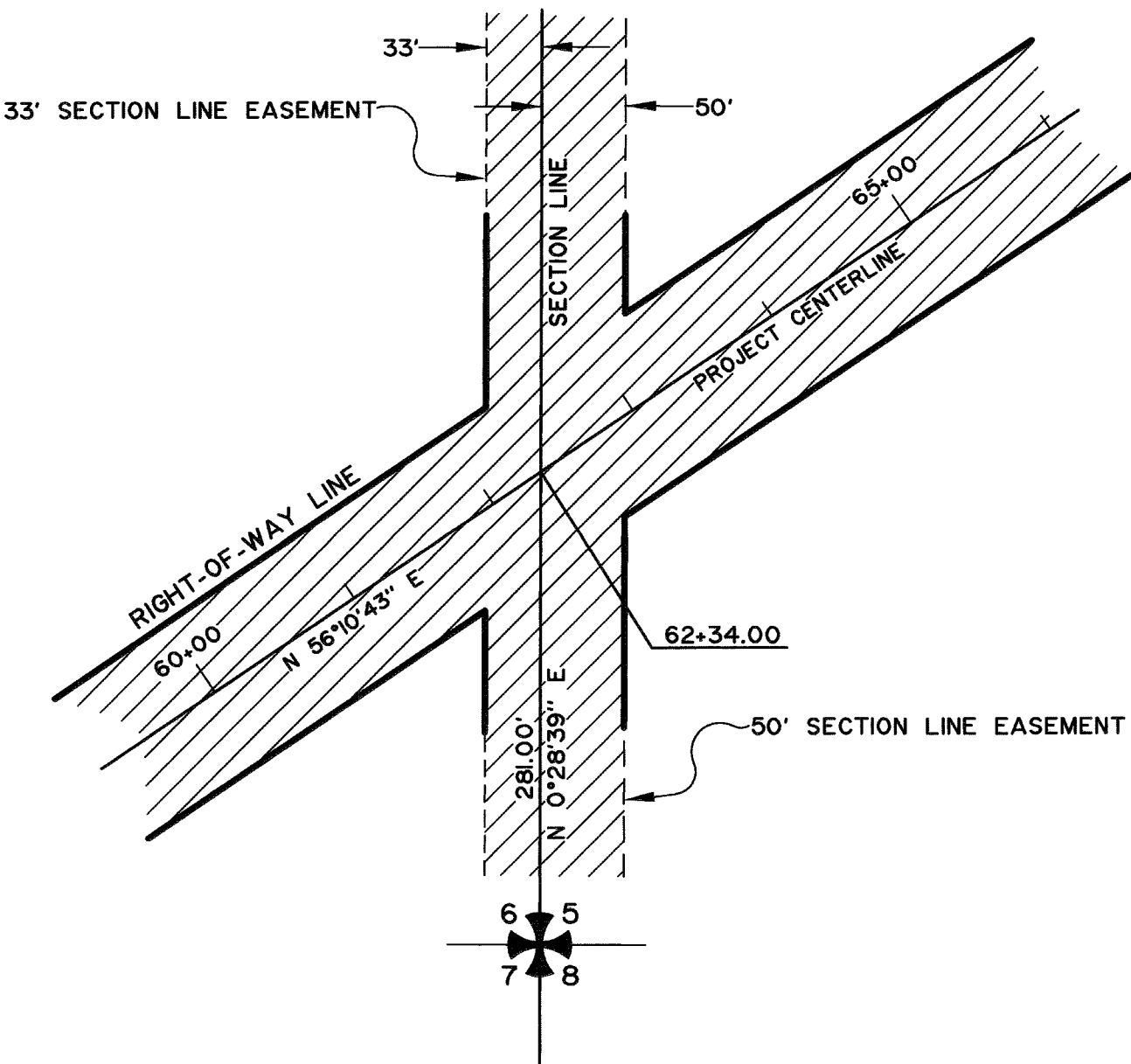
LOCATED WITHIN SECTIONS 12, 13, 14, 15,
16, 21 & 22, T19N, R4E, AND SECTIONS 2, 3,
4, 5, 7 & 8, T19N, R5E, AND SECTIONS 35
& 36, T20N, R5E, AND SECTIONS 30 & 31,
T20N, R6E, SEWARD MERIDIAN, ALASKA

PALMER RECORDING DISTRICT

STATE BUSINESS - NO FEE

Palmer 2015-16

	<u>RECOVERED</u>
GOV'T SECTION CORNER	
GOV'T 1/4 SECTION CORNER	
GOV'T 1/16 SECTION CORNER	
GOV'T SURVEY MONUMENT	
GOV'T CONTROL STA.	
PRIMARY MON. {BRASS/AL CAP}	
SECONDARY CORNER	
PRIMARY CENTERLINE MOMUMENT	
SECONDARY CENTERLINE MONUMENT	
SURVEY CONTROL POINT	
SECONDARY SURVEY CONT. POINT	
GPS CONTROL POINT	
BENCH MARK	
ROCK MONUMENT	
INTERNATIONAL BOUNDARY LINE	
TOWNSHIP & RANGE LINE	
SECTION LINE	
1/4 SECTION LINE	
1/16 SECTION LINE	
CORPORATE or CITY LIMITS	
SECTION LINE EASEMENT AND SECTION LINE-CENTERLINE INTERSECTION	



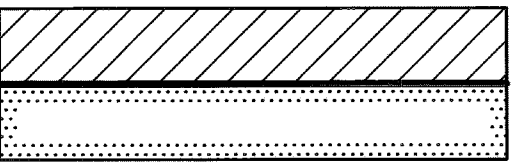
HIGHWAY MILEPOST

6.5
23+12.56

RAILROAD MILEPOST

R.R. 2580+60
HWY. 126+33
842

EXISTING RIGHT-OF-WAY



RIGHT-OF-WAY REQUIRED

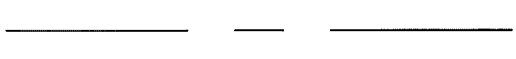
STATION EQUATION

STA. 14+33.22 BK. =
STA. 16+90.17 AHD.

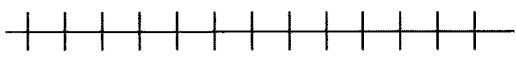
PROJECT CENTERLINE

27+00

EXISTING CENTERLINE



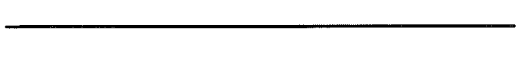
RAILROAD CENTERLINE



PROJECT RIGHT-OF-WAY LINE



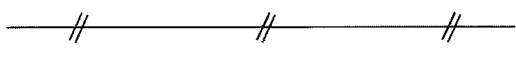
EXISTING PROPERTY LINE



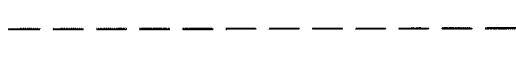
CONTROLLED ACCESS LINE



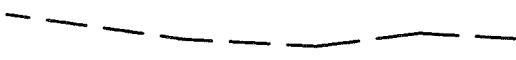
PERMIT LINE



EXISTING EASEMENT LINE



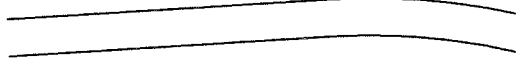
LIMIT OF CUT SLOPE



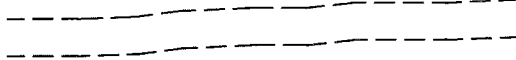
LIMIT OF FILL SLOPE



PROPOSED ROADWAY



EXISTING ROADWAY



NOISE BARRIER



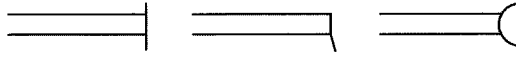
FENCE



STONE FENCE



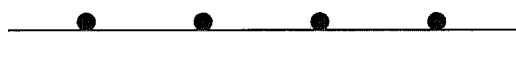
HEAD & WINGWALLS



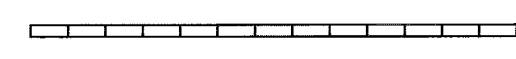
GUARD RAIL EXISTING



PROPOSED



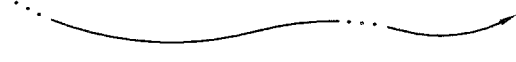
RETAINING WALL



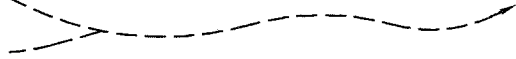
TUNNEL



INTERMITTENT DRAINAGE



INTERCEPTOR DITCH



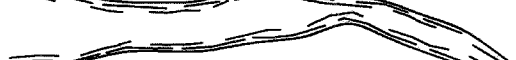
MARSHLAND



CREEK



RIVER



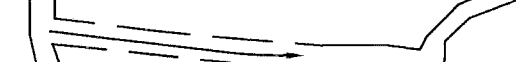
LAKE



RESERVOIR



CHANNEL CHANGE



PIPELINES:
SANITARY SEWER
OIL
GAS
WATER

EXISTING PROPOSED
→ - - - - - → → ss →
→ - - - - - → → o →
→ - - - - - → → g →
→ - - - - - → → w →

STORM DRAIN

→ - - - - - → → SD →

SIDEWALK

→ - - - - - → → →

CONCRETE CURB

→ - - - - - → → →

CONCRETE CURB & GUTTER

→ - - - - - → → →

DRIVEWAY, APPROACH,
& SIDEDRAIN

→ - - - - - → → →

BRIDGE

→ - - - - - → → →

RIPRAP

→ - - - - - → → →

TELEPHONE

(OVERHEAD)
(DIRECT BURY)

→ - - - - - → → →

ELECTRIC

(OVERHEAD)
(DIRECT BURY)

→ - - - - - → → →

FIBER OPTIC

→ - - - - - → → →

U.G. CABLE

→ - - - - - → → →

U.G. DUCT

→ - - - - - → → →

TELEPHONE MANHOLE

→ - - - - - → → →

ELECTRIC MANHOLE

→ - - - - - → → →

FOUNDATION

→ - - - - - → → →

BUILDING

→ - - - - - → → →

MANHOLE

→ - - - - - → → →

FIRE HYDRANT

→ - - - - - → → →

METER

→ - - - - - → → →

PIPE CULVERT w/ END SECT.

→ - - - - - → → →

UTILITY POLE

→ - - - - - → → →

ELECTROLIER

→ - - - - - → → →

UTILITY POLE WITH LUMINAIRE

→ - - - - - → → →

POLE ANCHOR /w GUY

→ - - - - - → → →

TRANSMISSION TOWER {WOOD}

→ - - - - - → → →

TRANSMISSION TOWER {STEEL}

→ - - - - - → → →

ELECTRICAL OUTLET

→ - - - - - → → →

ELECTRICAL PEDESTAL

→ - - - - - → → →

TELEPHONE PEDESTAL

→ - - - - - → → →

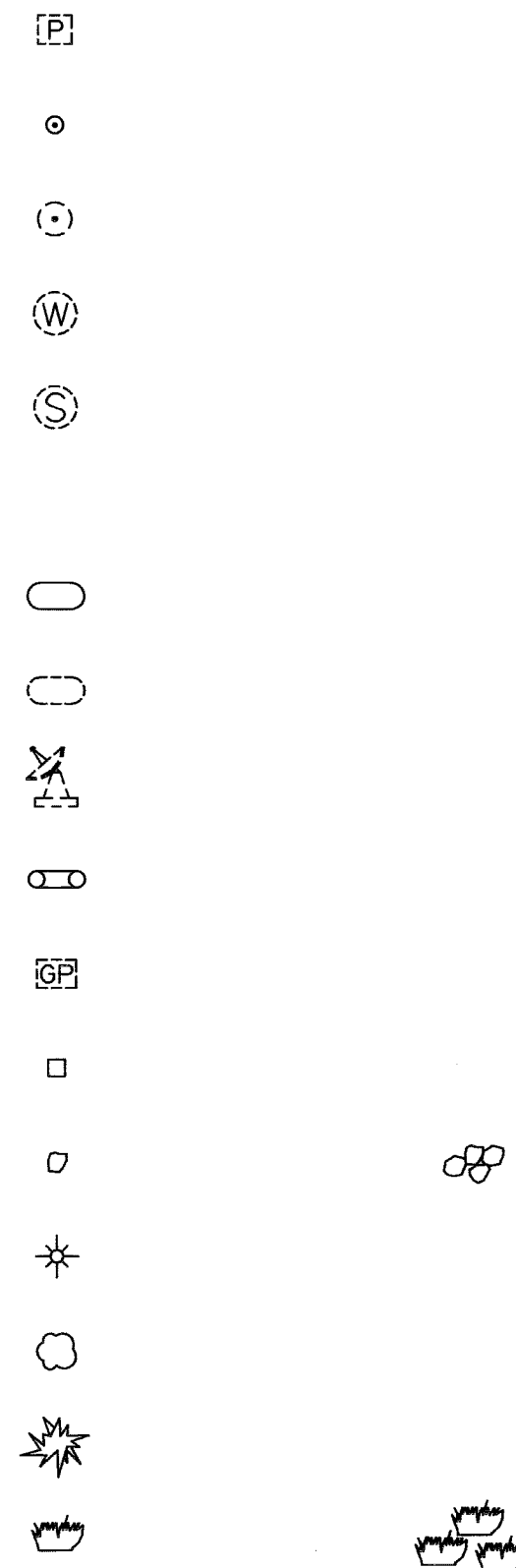
CABLE T.V. PEDESTAL

→ - - - - - → → →

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
AK DOT 135(1)	R-2	R-31

EXISTING

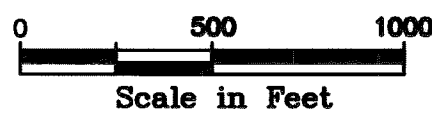
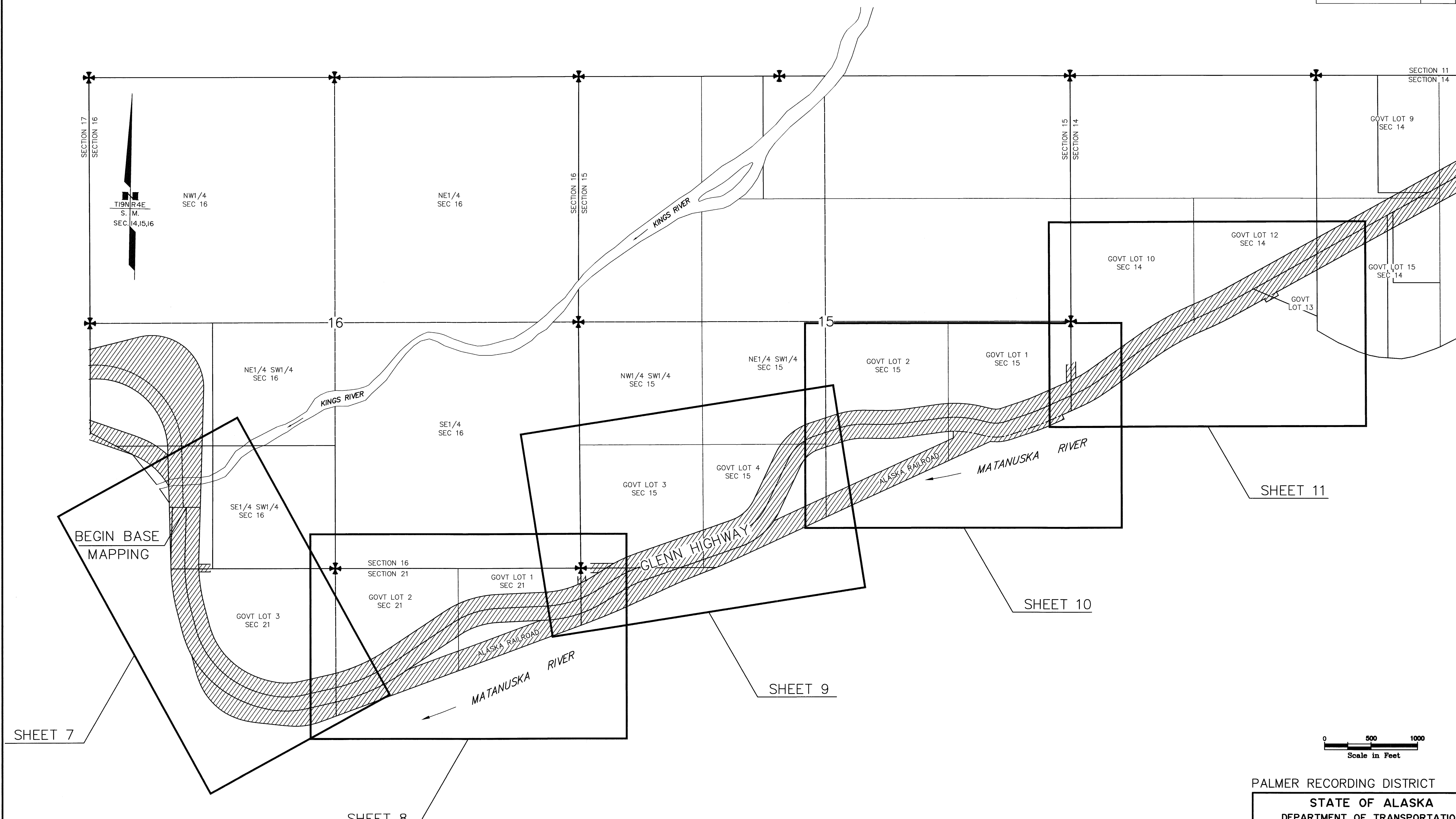
PLANTER
VENT
TANK VENT
WELL
SEPTIC
TANKS
Above Ground
Below Ground
SATELLITE DISH
PRIVATE SIGN
GAS PUMP
POST
BOULDER OR BOULDERS
LANDSCAPE LIGHT
DECIDUOUS TREE
CONIFER TREE
SHRUB OR SHRUBS



PALMER RECORDING DISTRICT

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES RECORD OF SURVEY RIGHT OF WAY BASE MAP ALASKA PROJECT AK DOT 135(1) STATE PROJECT No. 55967 GLENN HIGHWAY MP 66.5 TO 80 RECONSTRUCTION			
DRAWN	GEL/JHS	DATE	APRIL 2010
CHECKED	JRC/TDM	DATE	DECEMBER 2014
SCALE	N/A	SHEET	2 OF 31

Palmer 2015-16



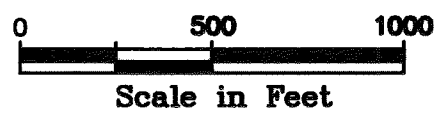
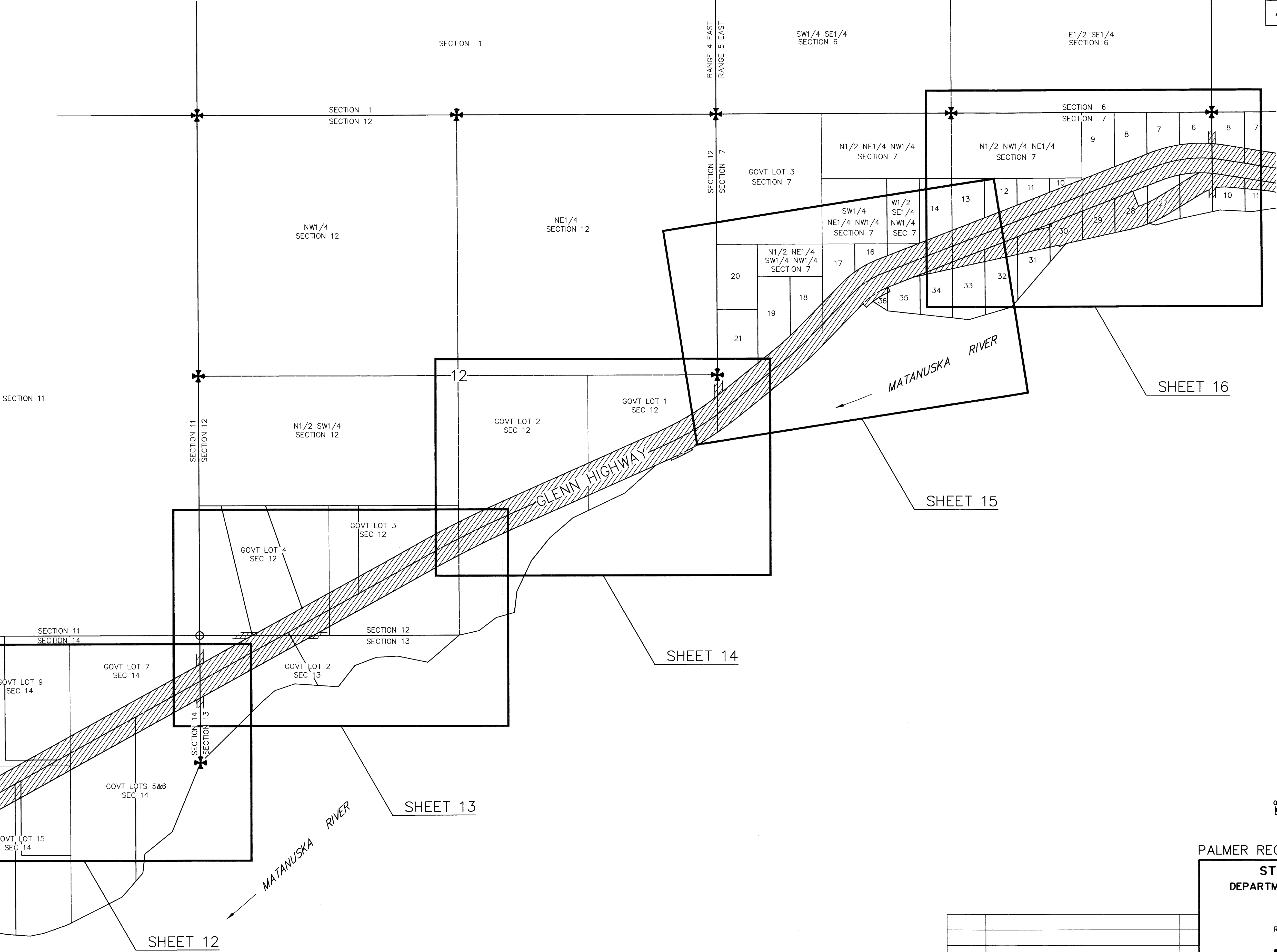
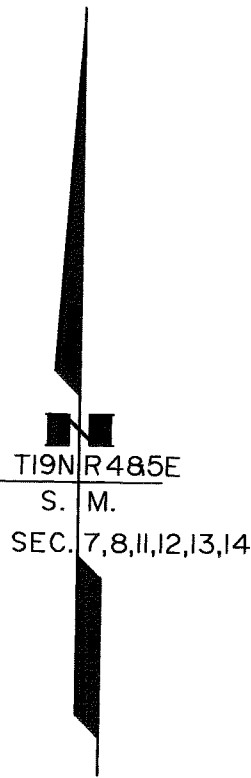
PALMER RECORDING DISTRICT

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RECORD OF SURVEY
RIGHT OF WAY BASE MAP
ALASKA PROJECT
AK DOT 135(1)
STATE PROJECT No. 55967
GLENN HIGHWAY MP 66.5 TO 80 RECONSTRUCTION

DRAWN	GEL	DATE	APRIL 2010	SCALE	1" = 500'
CHECKED	JHS/KMS	DATE	JANUARY 2015	SHEET	3 OF 31

DATE	REVISIONS	BY

Palmer 2015-16



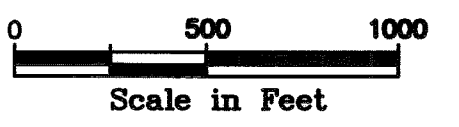
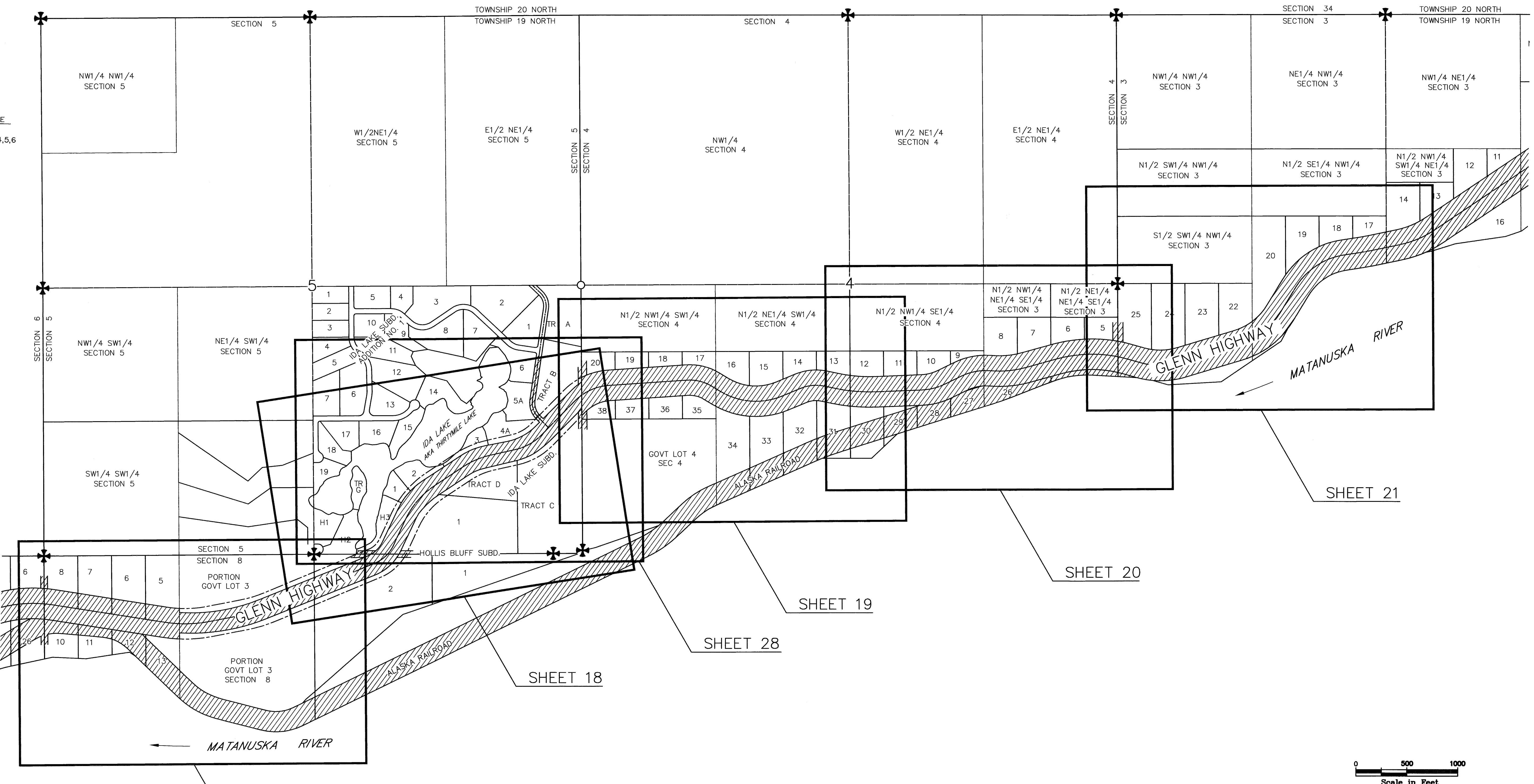
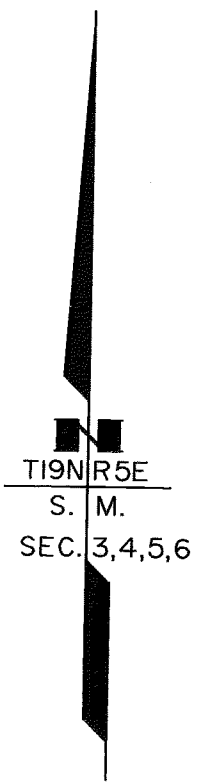
PALMER RECORDING DISTRICT

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RECORD OF SURVEY
RIGHT OF WAY BASE MAP
ALASKA PROJECT
AK DOT 135(1)
STATE PROJECT No. 55967
GLENN HIGHWAY MP 66.5 TO 80 RECONSTRUCTION

DRAWN	GEL	DATE	APRIL 2010	SCALE	1" = 500'
CHECKED	JHS/KMS	DATE	JANUARY 2015	SHEET	4 OF 31

DATE	REVISIONS			BY	

Palmer 2015-16



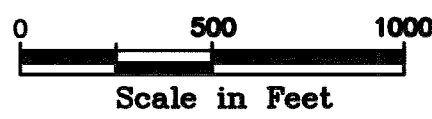
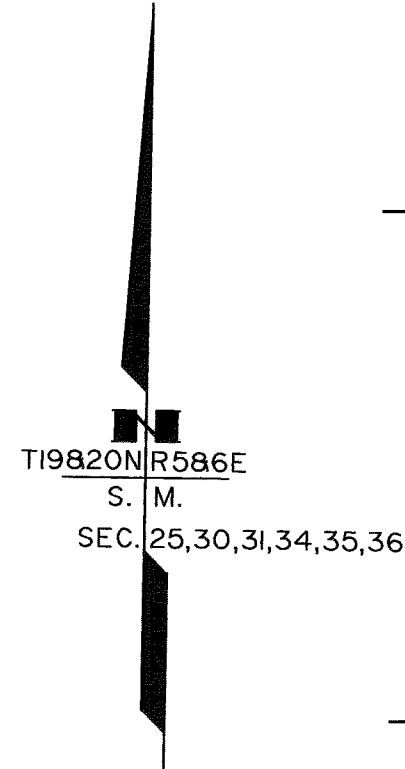
PALMER RECORDING DISTRICT

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RECORD OF SURVEY
RIGHT OF WAY BASE MAP
ALASKA PROJECT
AK DOT 135(1)
STATE PROJECT No. 55967
GLENN HIGHWAY MP 66.5 TO 80 RECONSTRUCTION

DRAWN	GEL	DATE	APRIL 2010	SCALE	1" = 500'
CHECKED	JHS/KMS	DATE	JANUARY 2015	SHEET	5 OF 31

DATE	REVISIONS	BY

Palmer 2015-16

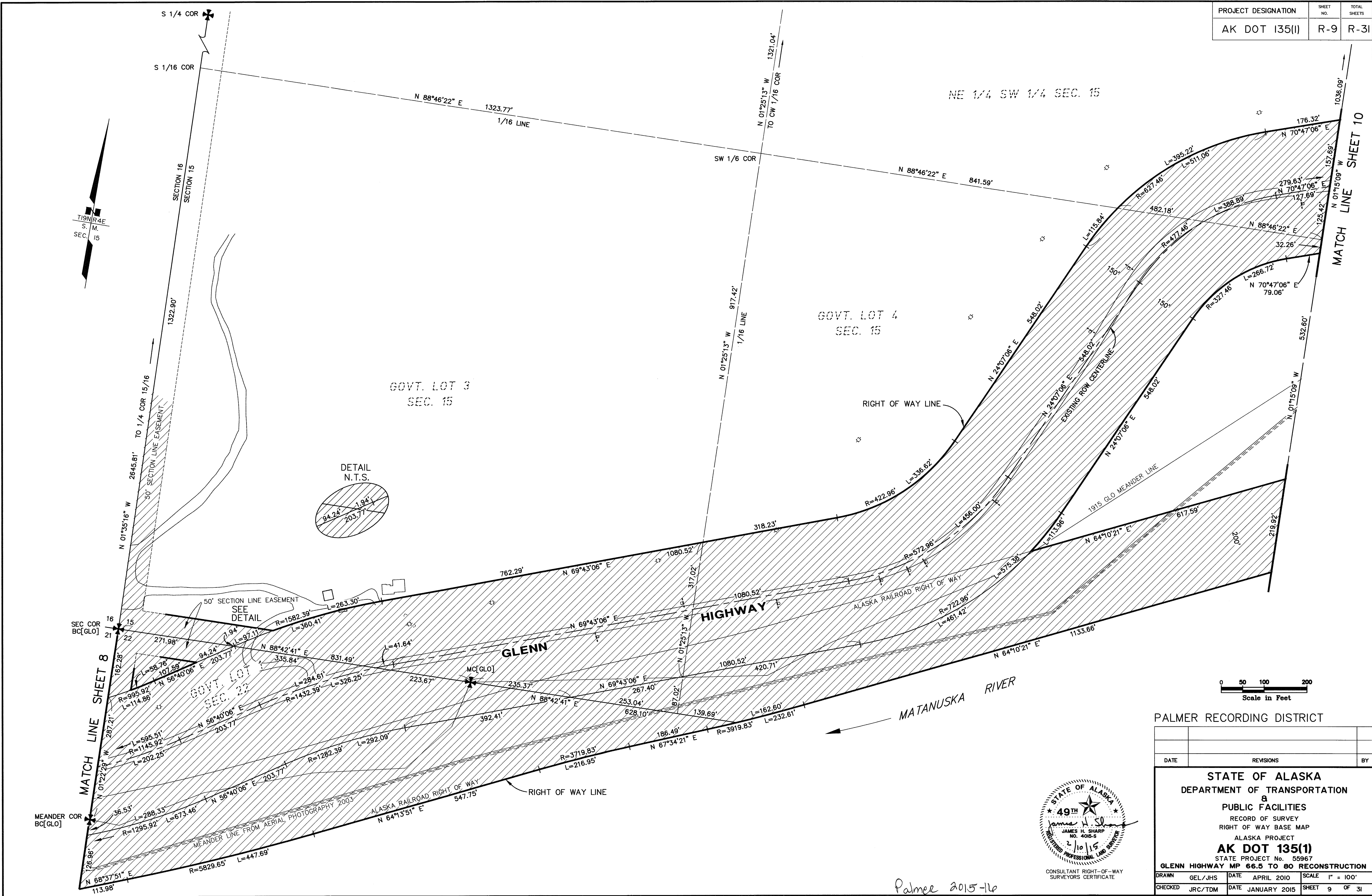


PALMER RECORDING DISTRICT

STATE OF ALASKA			
DEPARTMENT OF TRANSPORTATION			
PUBLIC FACILITIES			
RECORD OF SURVEY			
RIGHT OF WAY BASE MAP			
ALASKA PROJECT			
AK DOT 135(1)			
STATE PROJECT No. 55967			
GLENN HIGHWAY MP 66.5 TO 80 RECONSTRUCTION			
DRAWN	GEL	DATE	APRIL 2010
CHECKED	JHS/KMS	DATE	JANUARY 2015
SCALE		1" = 500'	
SHEET		6 OF 31	

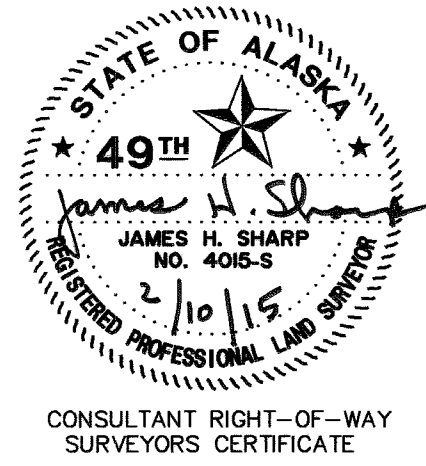
DATE		REVISIONS		BY	

Palmer 2015-16



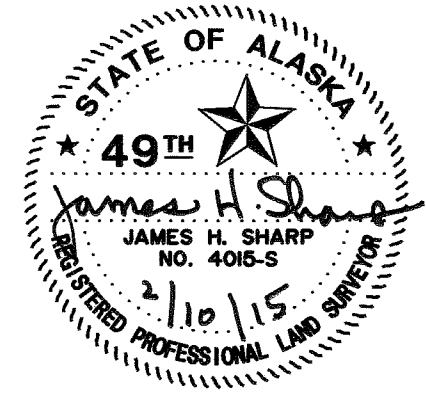
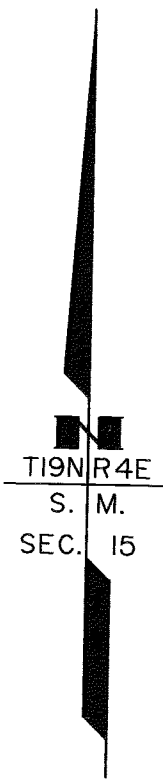
PALMER RECORDING DISTRICT

DATE	REVISIONS	BY
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION 8 PUBLIC FACILITIES RECORD OF SURVEY RIGHT OF WAY BASE MAP ALASKA PROJECT AK DOT 135(1) STATE PROJECT No. 55967 GLENN HIGHWAY MP 66.5 TO 80 RECONSTRUCTION		
DRAWN	GEL/JHS	DATE APRIL 2010
CHECKED	JRC/TDM	DATE JANUARY 2015
		SCALE 1" = 100'
		SHEET 9 OF 31



Palmer 2015-16

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
AK DOT 135(1)	R-10	R-31

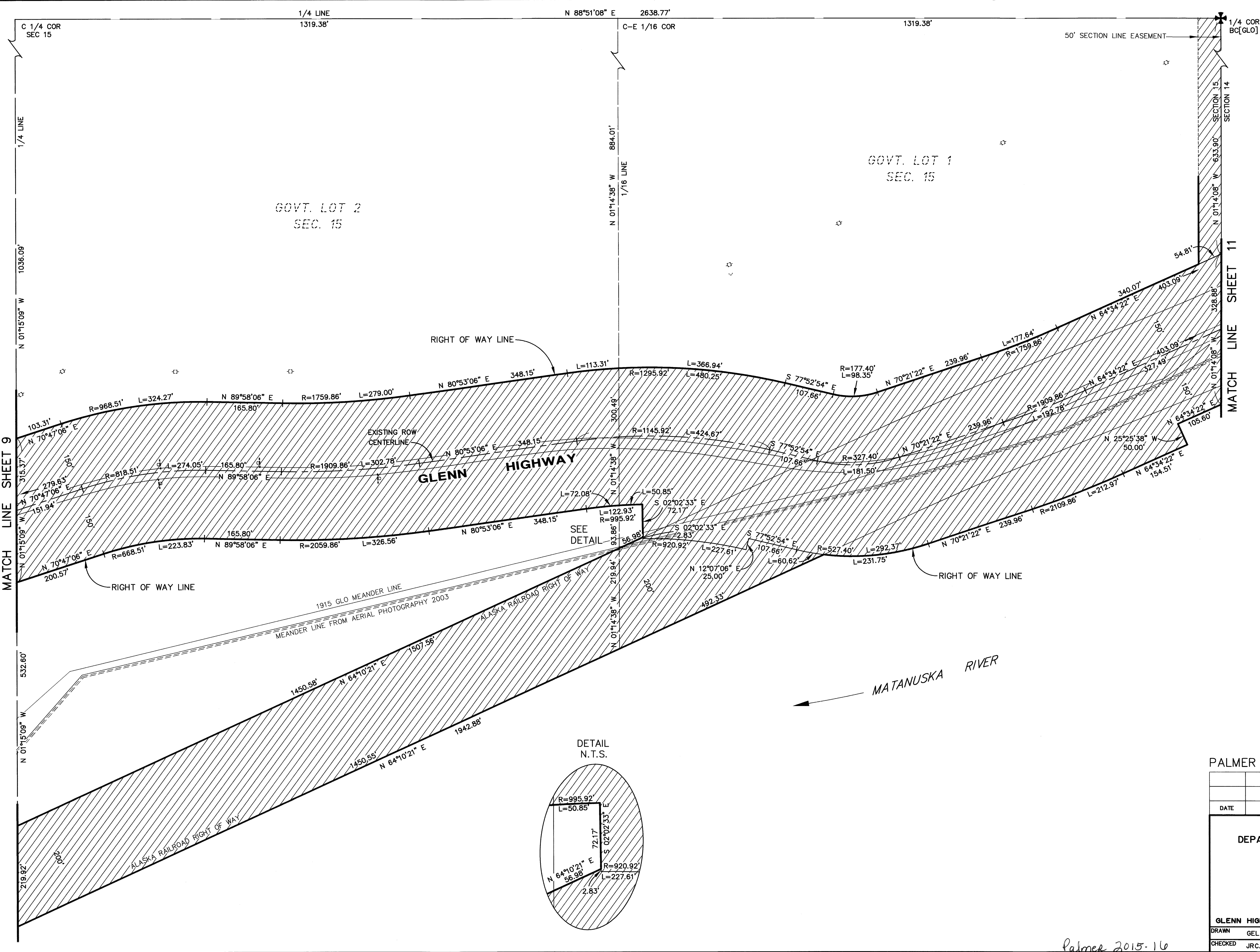


CONSULTANT RIGHT-OF-WAY
SURVEYORS CERTIFICATE

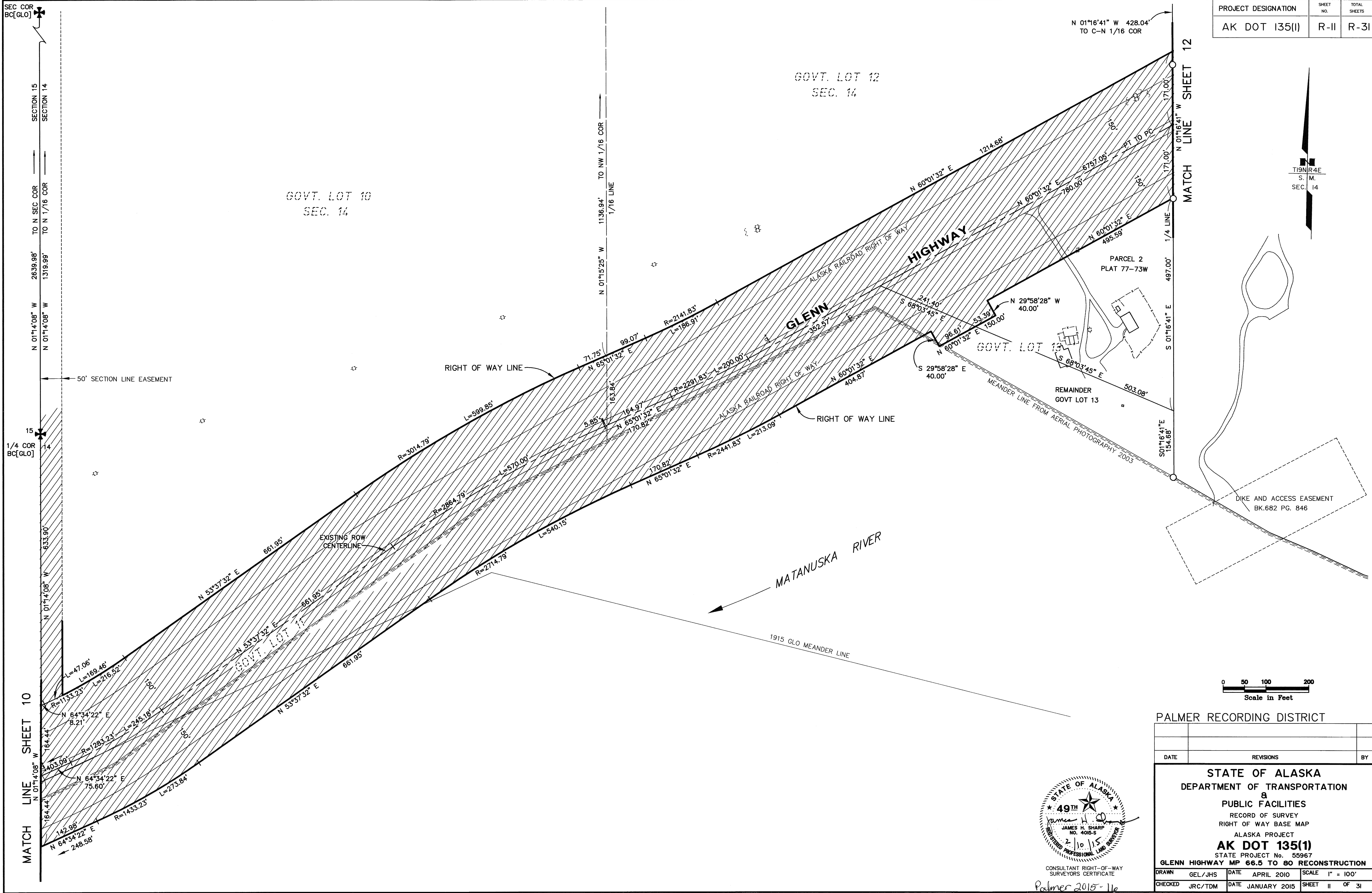
0 50 100 200
Scale in Feet

PALMER RECORDING DISTRICT

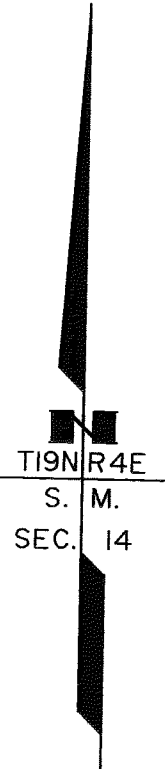
DATE	REVISIONS	BY
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES RECORD OF SURVEY RIGHT OF WAY BASE MAP ALASKA PROJECT AK DOT 135(1) STATE PROJECT No. 55967 GLENN HIGHWAY MP 66.5 TO 80 RECONSTRUCTION		
DRAWN	GEL/JHS	DATE APRIL 2010
CHECKED	JRC/TDM	DATE JANUARY 2015
SCALE 1" = 100'		SHEET 10 OF 31



Palmer 2015-16

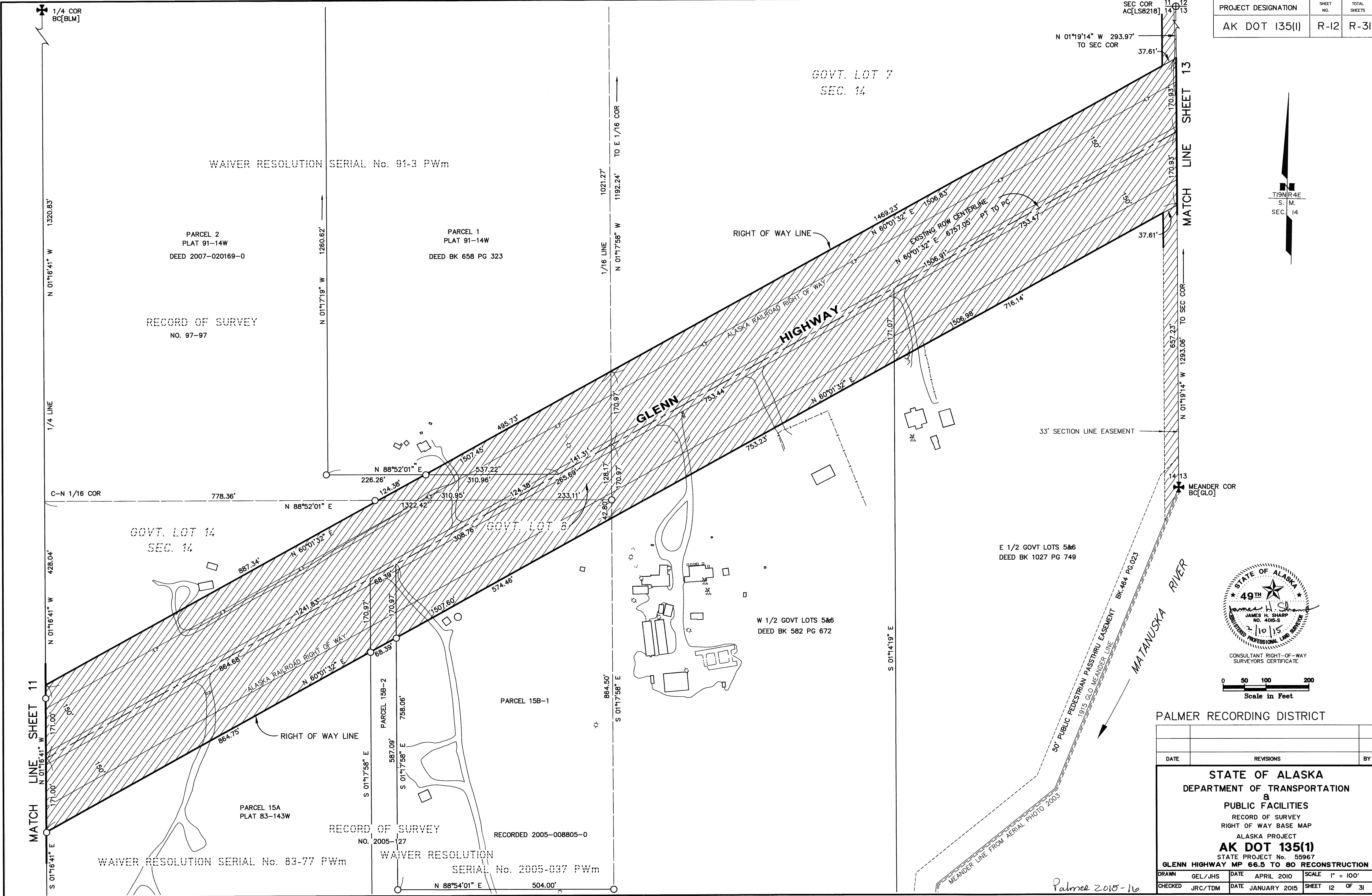


PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
AK DOT 135(1)	R-II	R-31

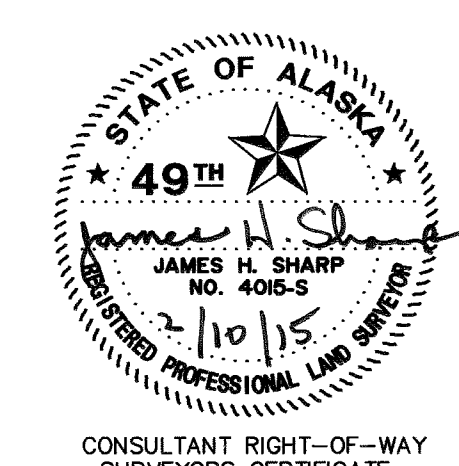
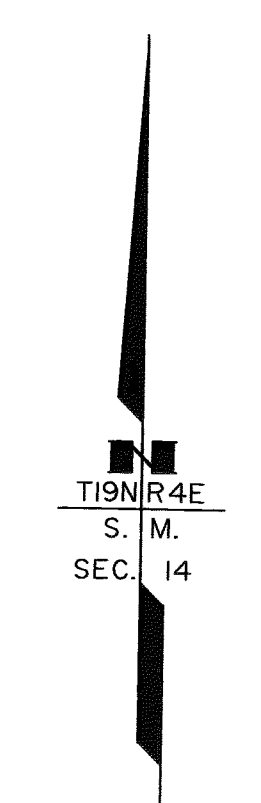


PALMER RECORDING DISTRICT		
DATE	REVISIONS	BY
<div>STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES RECORD OF SURVEY RIGHT OF WAY BASE MAP ALASKA PROJECT AK DOT 135(1) STATE PROJECT No. 55967 GLENN HIGHWAY MP 66.5 TO 80 RECONSTRUCTION</div>		
DRAWN	GEL/JHS	DATE APRIL 2010
CHECKED	JRC/TDM	DATE JANUARY 2015
SCALE 1" = 100'		SHEET II OF 31





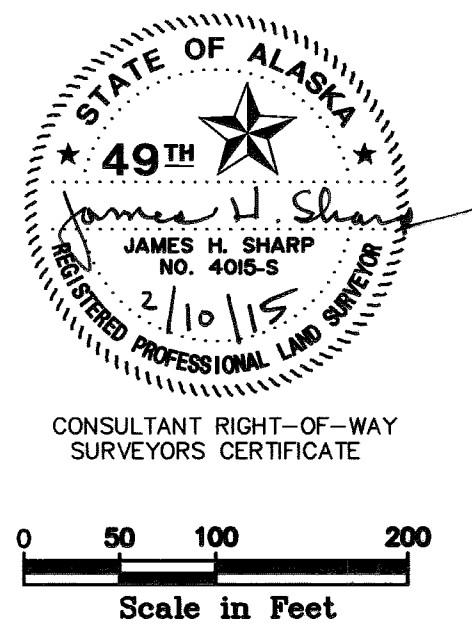
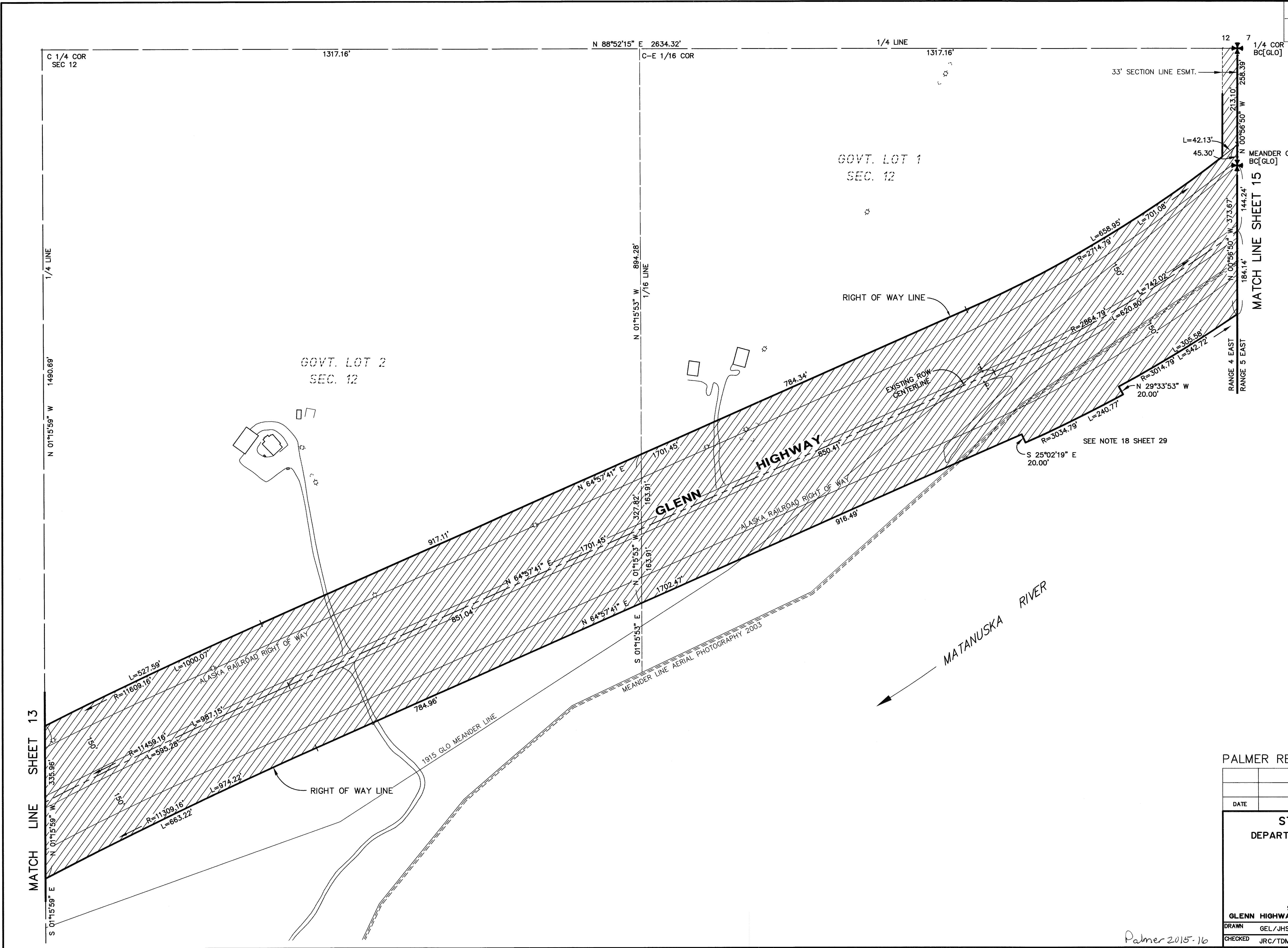
PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
AK DOT 135(I)	R-12	R-31



0 50 100 200
Scale in Feet

PALMER RECORDING DISTRICT		
DATE	REVISIONS	BY
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES RECORD OF SURVEY RIGHT OF WAY BASE MAP ALASKA PROJECT AK DOT 135(I) STATE PROJECT No. 55967 GLENN HIGHWAY MP 66.5 TO 80 RECONSTRUCTION		
DRAWN GEL/JHS	DATE APRIL 2010	SCALE 1" = 100'
CHECKED JRC/TDM	DATE JANUARY 2015	SHEET 12 OF 31

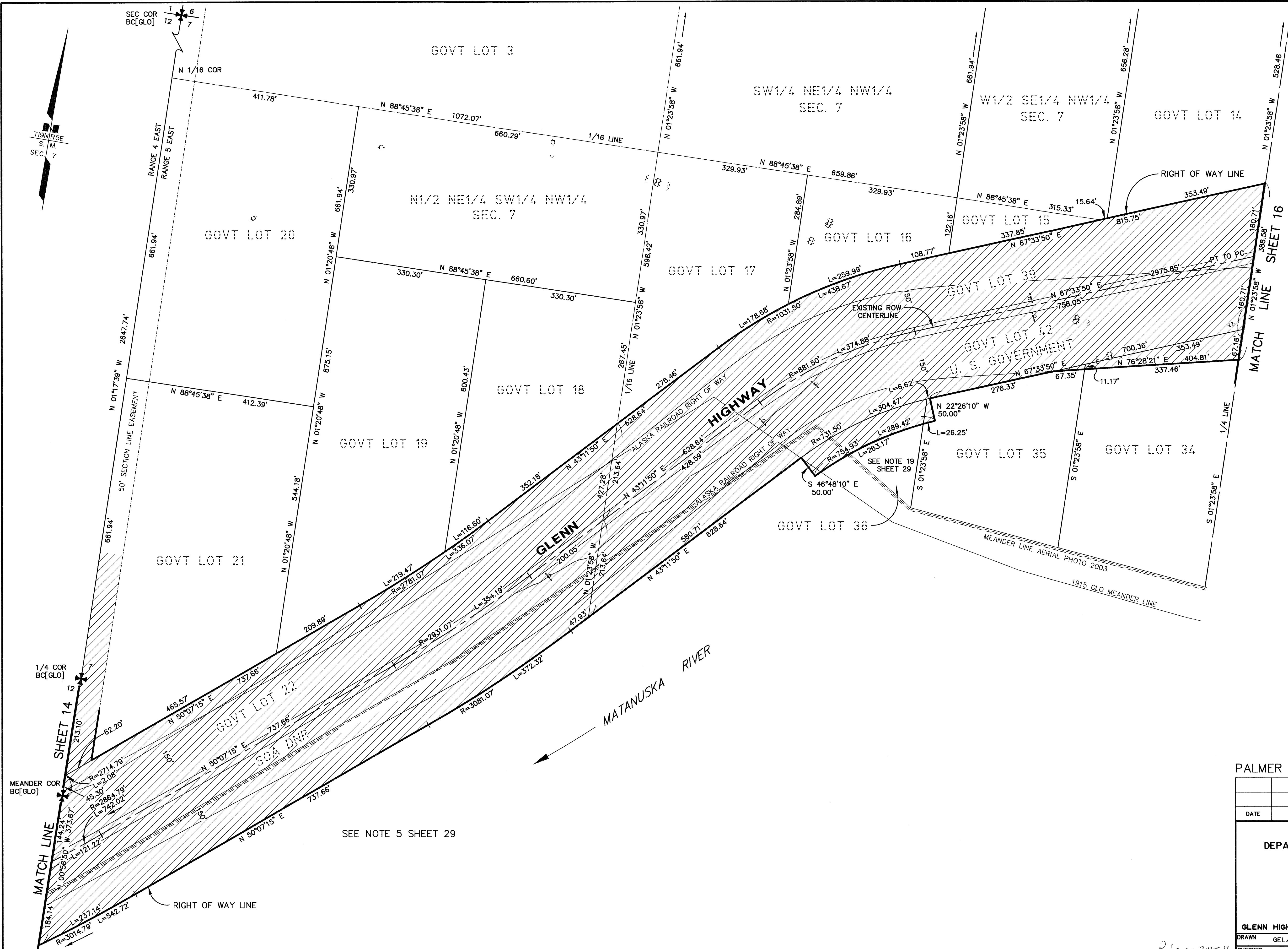
Palmer 2015-16



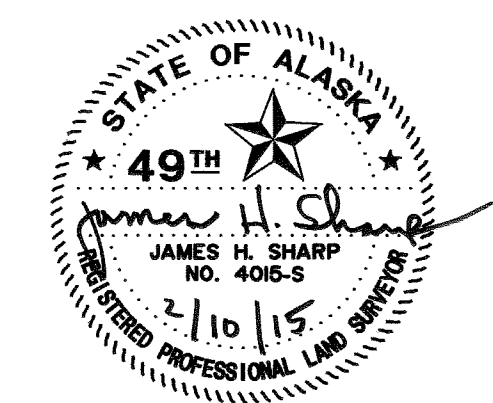
PALMER RECORDING DISTRICT

DATE	REVISIONS	BY
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES RECORD OF SURVEY RIGHT OF WAY BASE MAP ALASKA PROJECT AK DOT 135(1) STATE PROJECT No. 55967 GLENN HIGHWAY MP 66.5 TO 80 RECONSTRUCTION		
DRAWN	GEL/JHS	DATE APRIL 2010
CHECKED	JRC/TDM	DATE JANUARY 2015
SCALE 1" = 100'		SHEET 14 OF 31

Palmer 2015-16



PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
AK DOT 135(1)	R-15	R-31



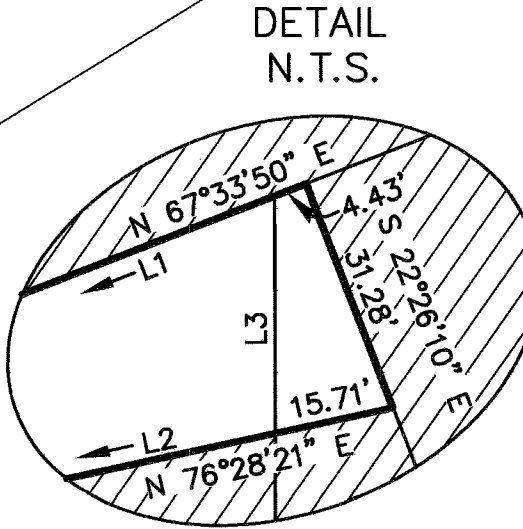
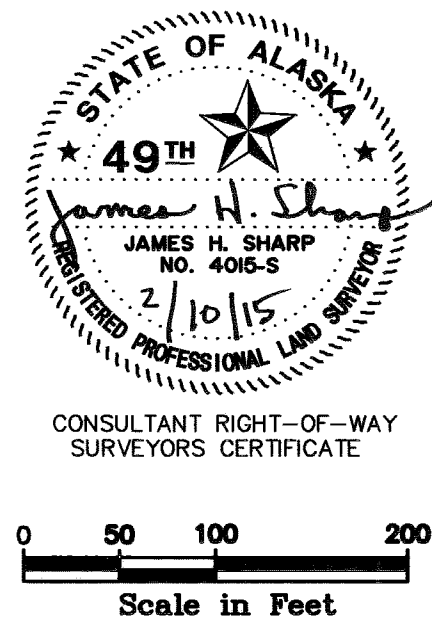
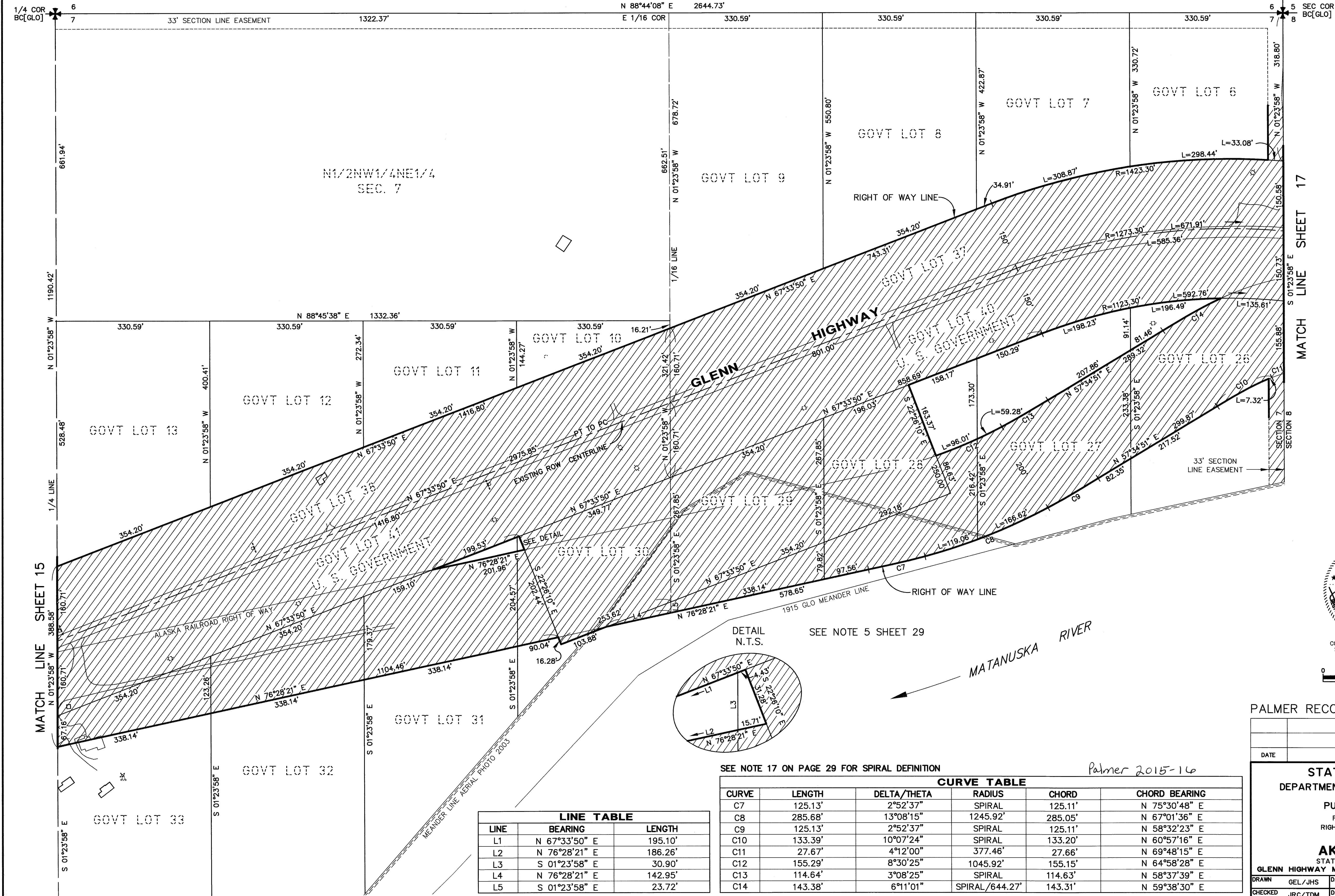
CONSULTANT RIGHT-OF-WAY
SURVEYORS CERTIFICATE

0 50 100 200
Scale in Feet

PALMER RECORDING DISTRICT

DATE	REVISIONS	BY
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES RECORD OF SURVEY RIGHT OF WAY BASE MAP ALASKA PROJECT AK DOT 135(1) STATE PROJECT No. 55967 GLENN HIGHWAY MP 66.5 TO 80 RECONSTRUCTION		
DRAWN	GEL/JHS	DATE APRIL 2010
CHECKED	JRC/TDM	DATE JANUARY 2015
SCALE 1" = 100'		SHEET 15 OF 31

Palmer 2015-16



LINE TABLE		
LINE	BEARING	LENGTH
L1	N 67°33'50" E	195.10'
L2	N 76°28'21" E	186.26'
L3	S 01°23'58" E	30.90'
L4	N 76°28'21" E	142.95'
L5	S 01°23'58" E	23.72'

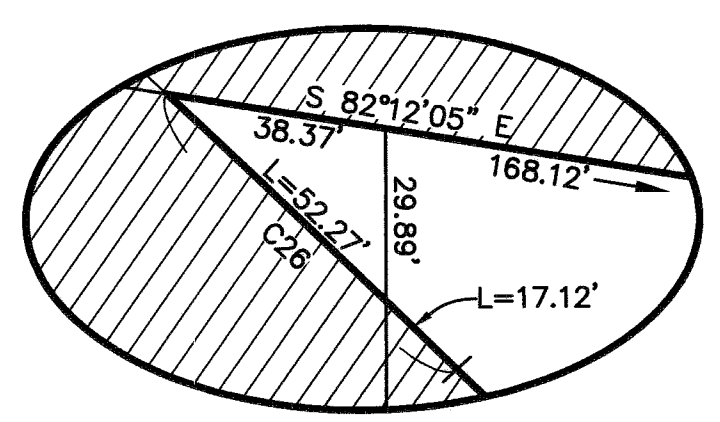
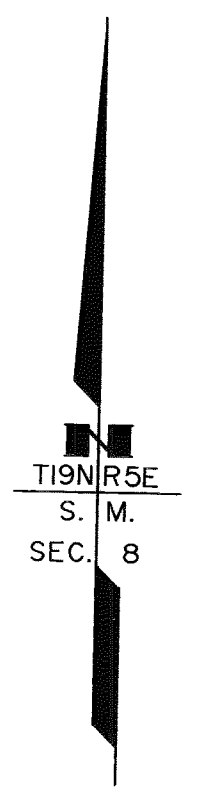
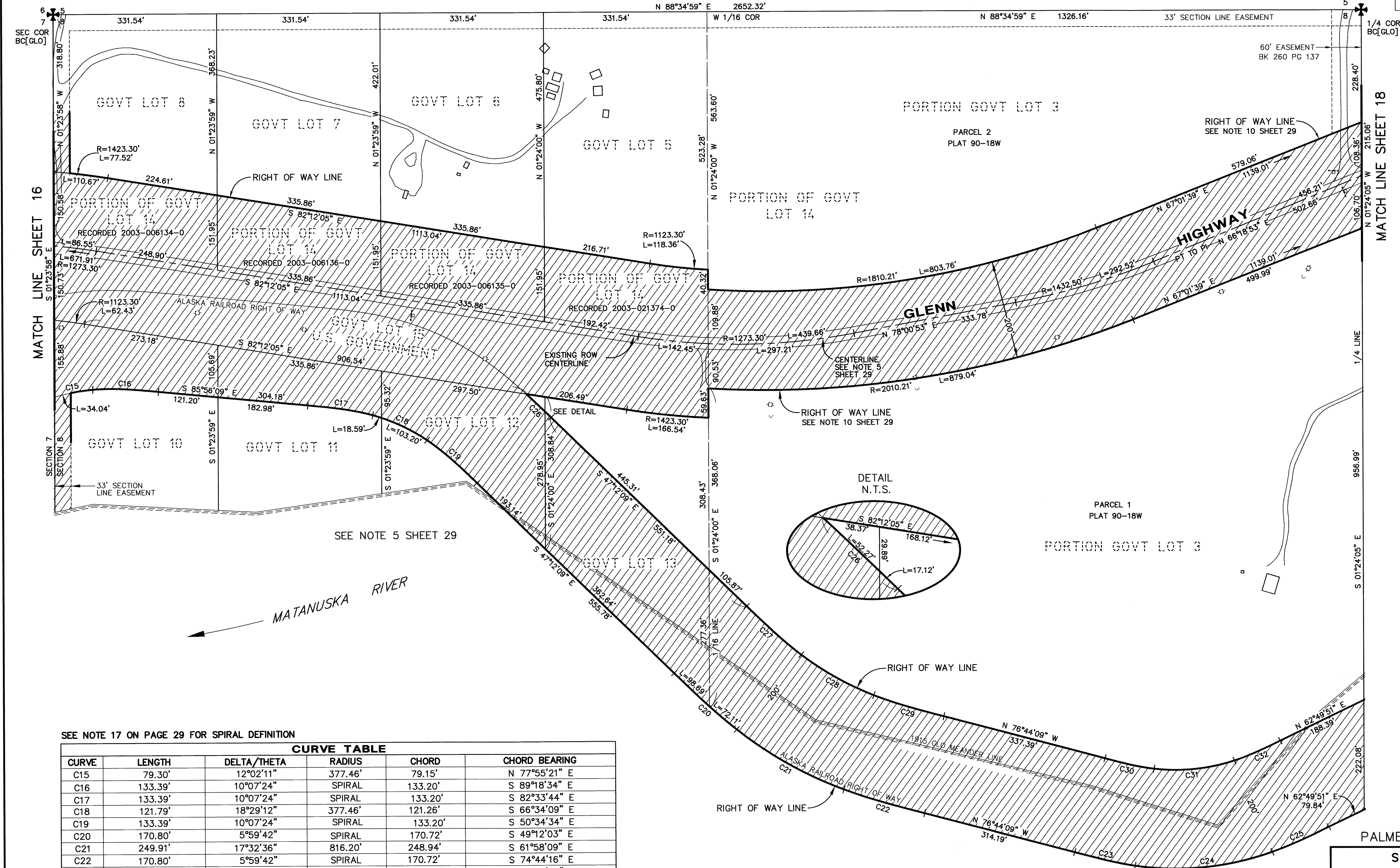
CURVE TABLE					
CURVE	LENGTH	DELTA/THETA	RADIUS	CHORD	CHORD BEARING
C7	125.13'	2°52'37"	SPIRAL	125.11'	N 75°30'48" E
C8	285.68'	13°08'15"	1245.92'	285.05'	N 67°01'36" E
C9	125.13'	2°52'37"	SPIRAL	125.11'	N 58°32'23" E
C10	133.39'	10°07'24"	SPIRAL	133.20'	N 60°57'16" E
C11	27.67'	4°12'00"	377.46'	27.66'	N 69°48'15" E
C12	155.29'	8°30'25"	1045.92'	155.15'	N 64°58'28" E
C13	114.64'	3°08'25"	SPIRAL	114.63'	N 58°37'39" E
C14	143.38'	6°11'01"	SPIRAL/644.27'	143.31'	N 59°38'30" E

PALMER RECORDING DISTRICT

DATE	REVISIONS	BY

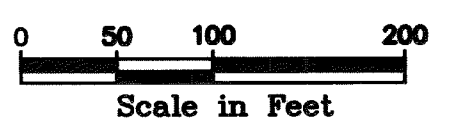
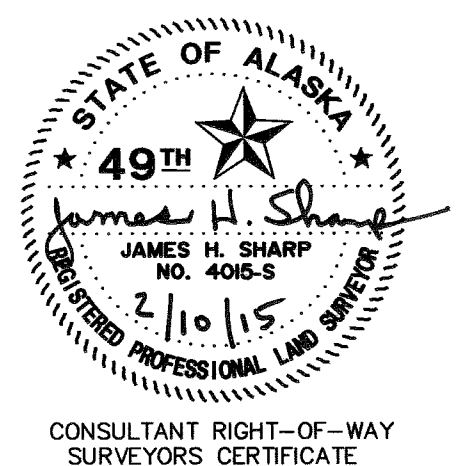
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RECORD OF SURVEY
RIGHT OF WAY BASE MAP
ALASKA PROJECT
AK DOT 135(1)
STATE PROJECT No. 55967
GLENN HIGHWAY MP 66.5 TO 80 RECONSTRUCTION

DRAWN	GEL/JHS	DATE	APRIL 2010	SCALE	1" = 100'
CHECKED	JRC/TDM	DATE	JANUARY 2015	SHEET	16 OF 31



SEE NOTE 17 ON PAGE 29 FOR SPIRAL DEFINITION

CURVE TABLE					
CURVE	LENGTH	DELTA/THETA	RADIUS	CHORD	CHORD BEARING
C15	79.30'	12°02'11"	377.46'	79.15'	N 77°55'21" E
C16	133.39'	10°07'24"	SPIRAL	133.20'	S 89°18'34" E
C17	133.39'	10°07'24"	SPIRAL	133.20'	S 82°33'44" E
C18	121.79'	18°29'12"	377.46'	121.26'	S 66°34'09" E
C19	133.39'	10°07'24"	SPIRAL	133.20'	S 50°34'34" E
C20	170.80'	5°59'42"	SPIRAL	170.72'	S 49°12'03" E
C21	249.91'	17°32'36"	816.20'	248.94'	S 61°58'09" E
C22	170.80'	5°59'42"	SPIRAL	170.72'	S 74°44'16" E
C23	125.37'	6°13'10"	SPIRAL	125.30'	S 78°48'32" E
C24	282.15'	27°59'41"	577.46'	279.35'	N 83°02'51" E
C25	125.37'	6°13'10"	SPIRAL	125.30'	N 64°54'13" E
C26	69.39'	1°26'50"	SPIRAL/1373.65'	69.39'	S 47°41'06" E
C27	148.42'	6°54'00"	SPIRAL	148.32'	S 49°30'08" E
C28	169.21'	15°44'00"	616.20'	168.67'	S 61°58'09" E
C29	148.42'	6°54'00"	SPIRAL	148.32'	S 74°26'10" E
C30	101.37'	7°41'36"	SPIRAL	101.29'	S 79°18'00" E
C31	165.01'	25°02'48"	377.46'	163.70'	N 83°02'51" E
C32	101.37'	7°41'36"	SPIRAL	101.29'	N 65°23'41" E

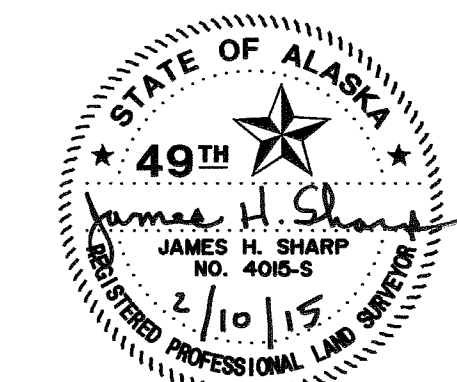
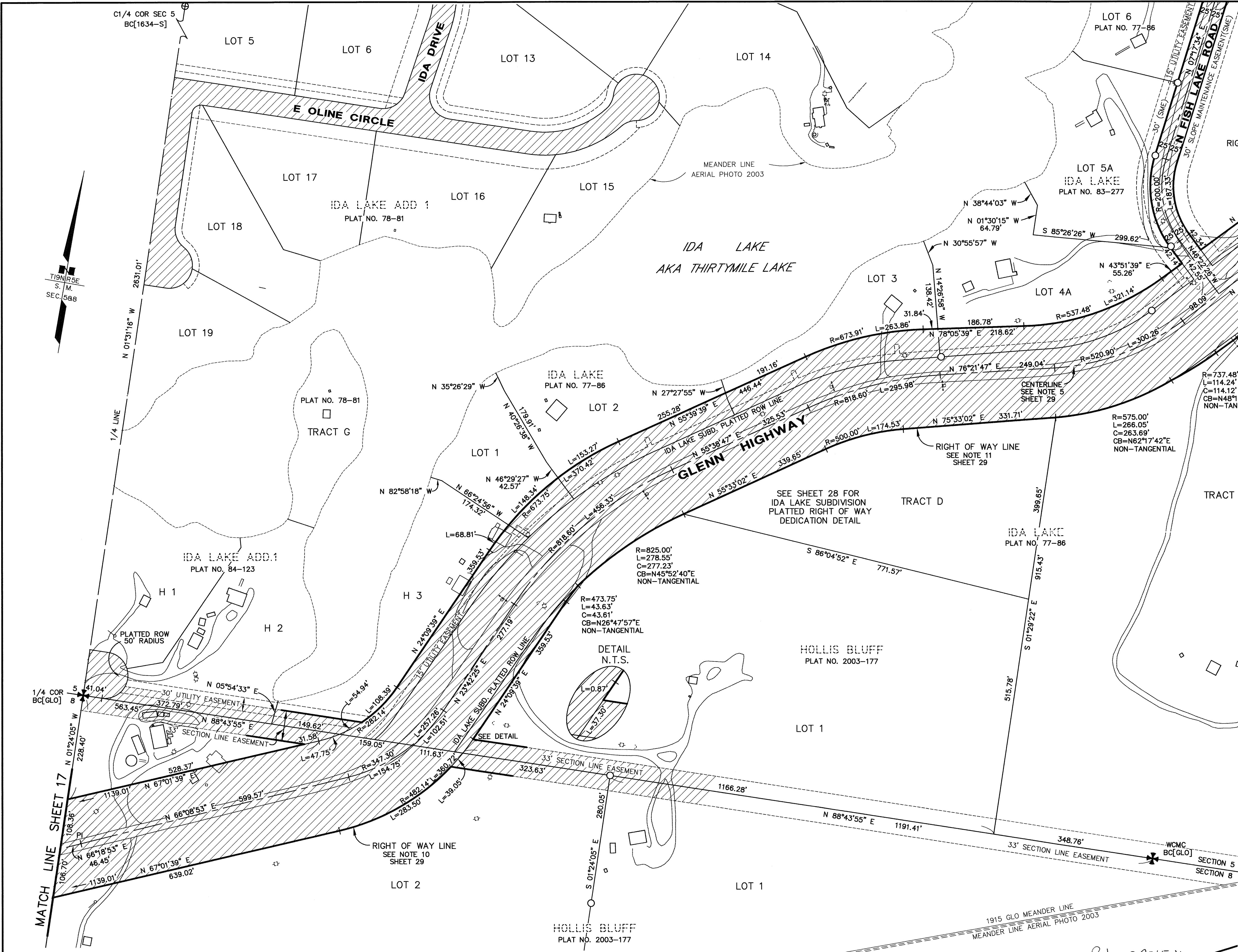


PALMER RECORDING DISTRICT

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RECORD OF SURVEY
RIGHT OF WAY BASE MAP
ALASKA PROJECT
AK DOT 135(I)
STATE PROJECT No. 55967
GLENN HIGHWAY MP 66.5 TO 80 RECONSTRUCTION

DRAWN	GEL	DATE	APRIL 2010	SCALE	1" = 100'
BY	CHECKED	JHS/KMS	DATE	JANUARY 2015	SHEET 17 OF 31

Palmer 2015-16

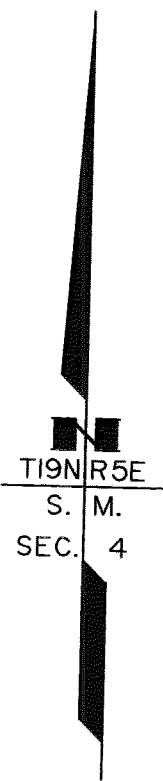


CONSULTANT RIGHT-OF-WAY
SURVEYORS CERTIFICATE

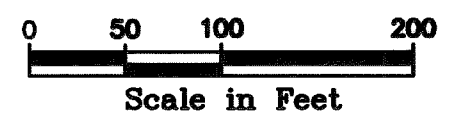
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Scale in Feet

PALMER RECORDING DISTRICT		
DATE	REVISIONS	BY
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES RECORD OF SURVEY RIGHT OF WAY BASE MAP ALASKA PROJECT AK DOT 135(1) STATE PROJECT No. 55967 GLENN HIGHWAY MP 66.5 TO 80 RECONSTRUCTION		
DRAWN GEL/JHS	DATE APRIL 2010	SCALE 1" = 100'
CHECKED JRC/TDM	DATE JANUARY 2015	SHEET 18 OF 31

Palmer 2015-16

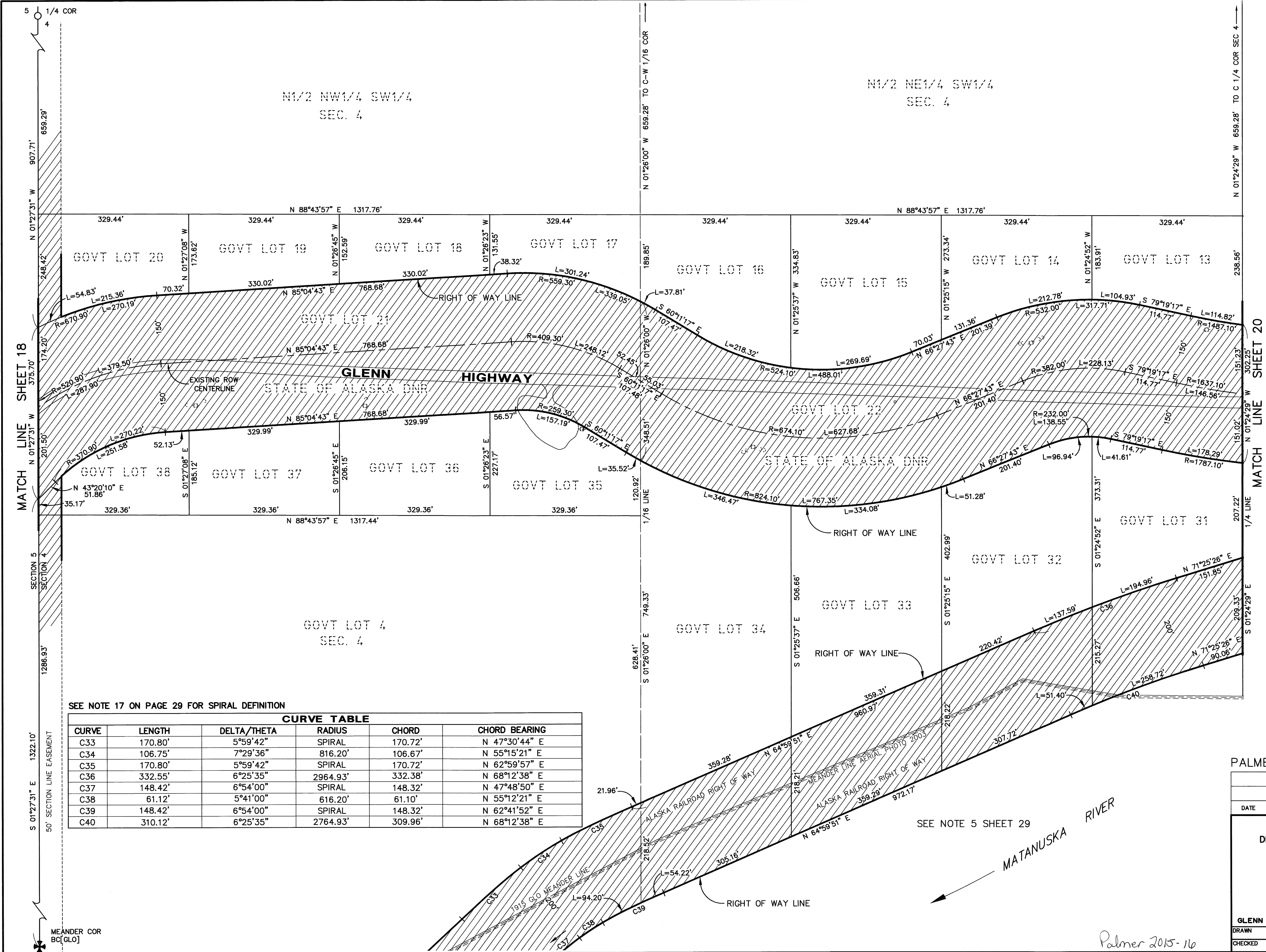


CONSULTANT RIGHT-OF-WAY
SURVEYORS CERTIFICATE



PALMER RECORDING DISTRICT

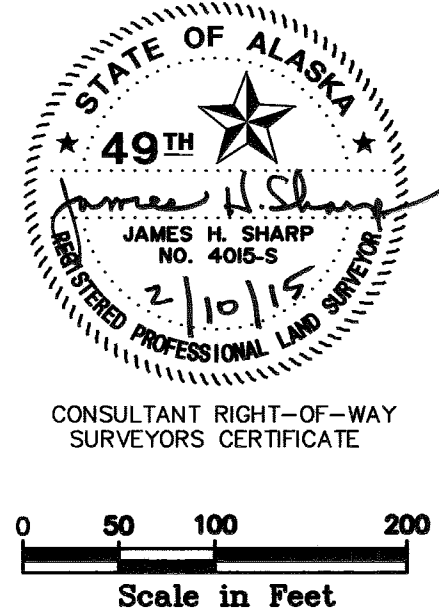
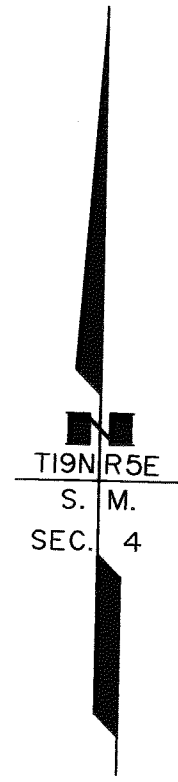
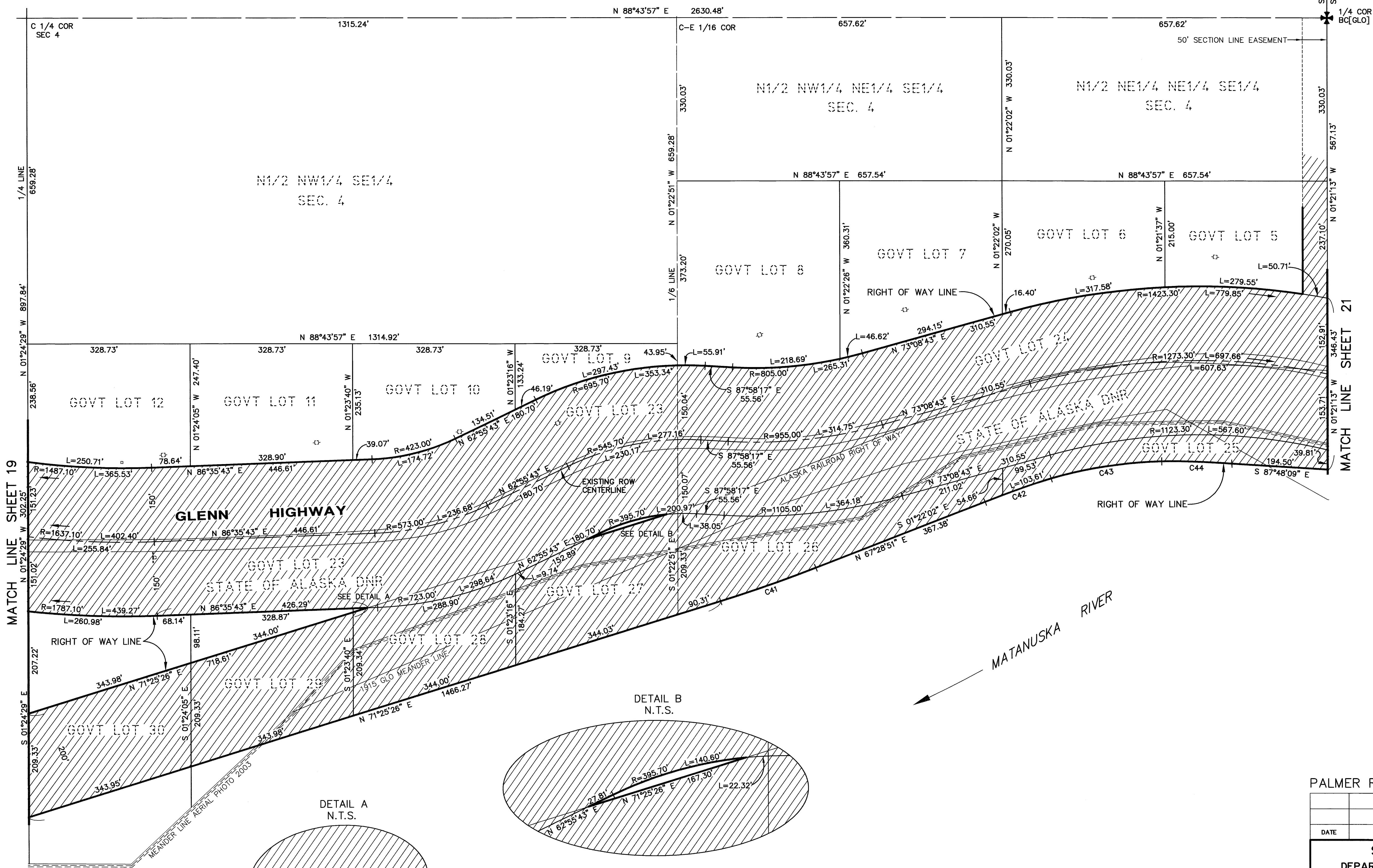
DATE		REVISIONS		BY
<div>STATE OF ALASKA</div> <div>DEPARTMENT OF TRANSPORTATION</div> <div>8</div> <div>PUBLIC FACILITIES</div> <div>RECORD OF SURVEY</div> <div>RIGHT OF WAY BASE MAP</div> <div>ALASKA PROJECT</div> <div>AK DOT 135(1)</div> <div>STATE PROJECT No. 55967</div> <div>GLENN HIGHWAY MP 66.5 TO 80 RECONSTRUCTION</div>				
DRAWN	GEL/JHS	DATE	APRIL 2010	SCALE 1" = 100'
CHECKED	JRC/TDM	DATE	JANUARY 2015	SHEET 19 OF 31



SEE NOTE 17 ON PAGE 29 FOR SPIRAL DEFINITION

CURVE TABLE					
CURVE	LENGTH	DELTA/THETA	RADIUS	CHORD	CHORD BEARING
C33	170.80'	5°59'42"	SPIRAL	170.72'	N 47°30'44" E
C34	106.75'	7°29'36"	SPIRAL	106.67'	N 55°15'21" E
C35	170.80'	5°59'42"	SPIRAL	170.72'	N 62°59'57" E
C36	332.55'	6°25'35"	2964.93'	332.38'	N 68°12'38" E
C37	148.42'	6°54'00"	SPIRAL	148.32'	N 47°48'50" E
C38	61.12'	5°41'00"	616.20'	61.10'	N 55°12'21" E
C39	148.42'	6°54'00"	SPIRAL	148.32'	N 62°41'52" E
C40	310.12'	6°25'35"	2764.93'	309.96'	N 68°12'38" E

Palmer 2015-16

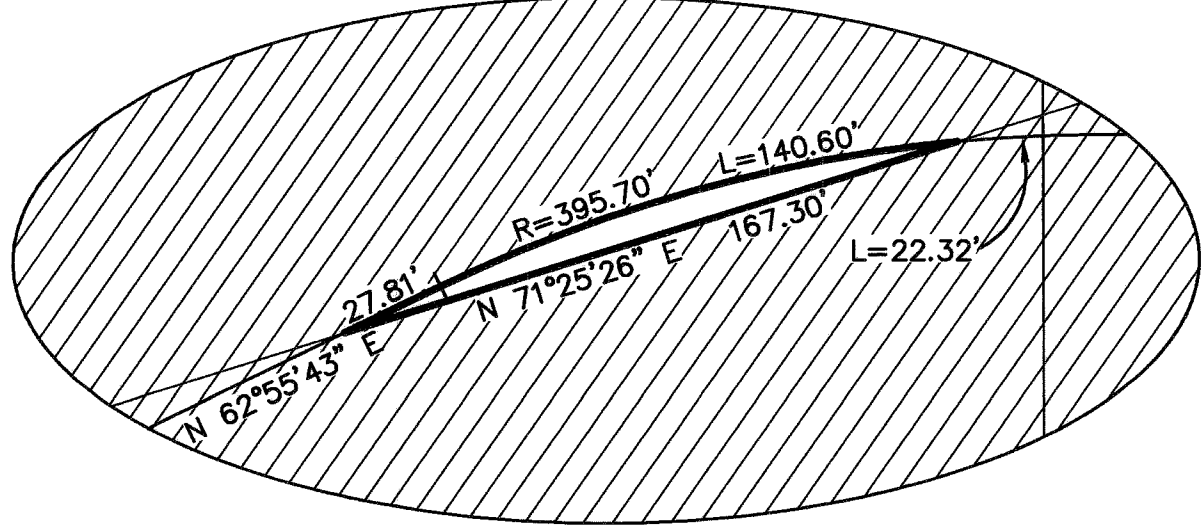
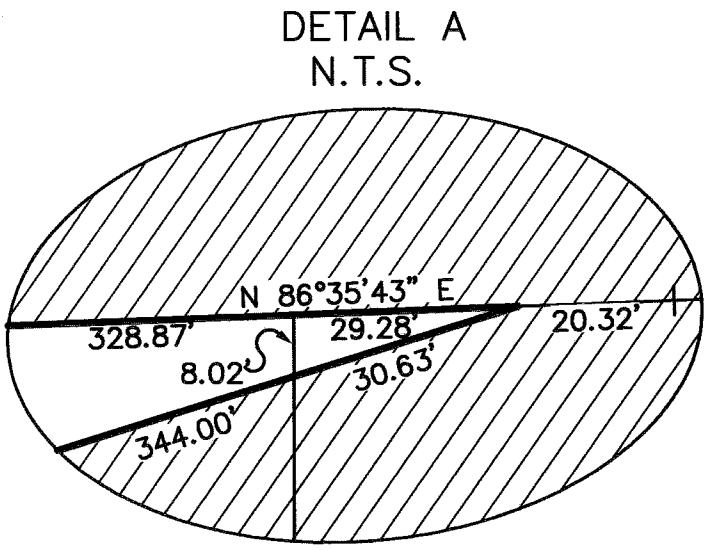


PALMER RECORDING DISTRICT

DATE	REVISIONS	BY
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES RECORD OF SURVEY RIGHT OF WAY BASE MAP ALASKA PROJECT AK DOT 135(1) STATE PROJECT No. 55967 GLENN HIGHWAY MP 66.5 TO 80 RECONSTRUCTION		
DRAWN	GEL/JHS	DATE APRIL 2010
CHECKED	JRC/TDM	DATE JANUARY 2015
		SCALE 1" = 100'
		SHEET 20 OF 31

SEE NOTE 17 ON PAGE 29 FOR SPIRAL DEFINITION

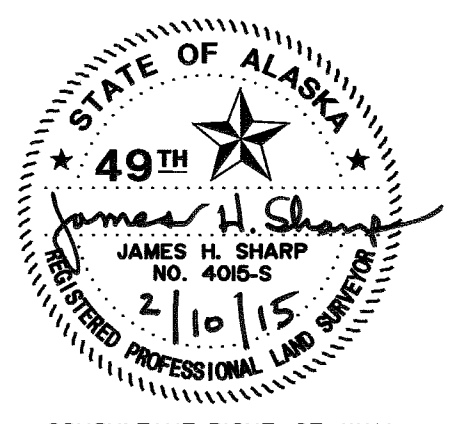
CURVE TABLE					
NUMBER	LENGTH	DELTA/THETA	RADIUS	CHORD	CHORD BEARING
C41	204.04'	3°56'35"	2964.93'	204.00'	N 69°27'08" E
C42	141.93'	4°45'21"	SPIRAL	141.89'	N 69°03'58" E
C43	226.88'	15°12'17"	854.93'	226.21'	N 79°50'21" E
C44	141.93'	4°45'21"	SPIRAL	141.89'	S 89°23'16" E



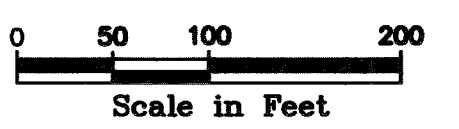
Palmer 2015-116

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PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
AK DOT 135(1)	R-21	R-31



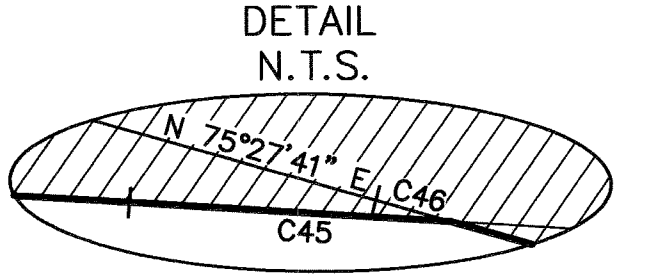
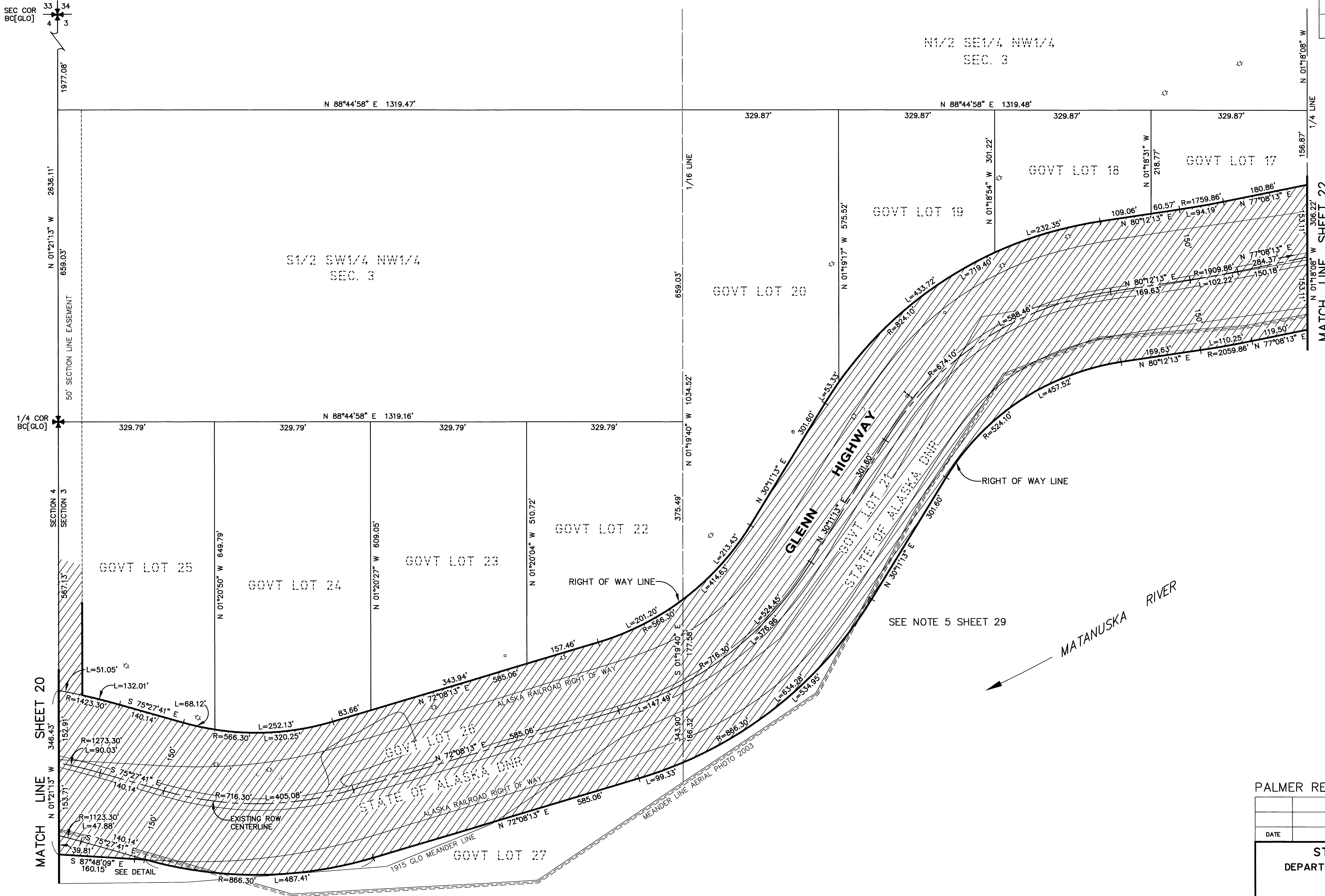
CONSULTANT RIGHT-OF-WAY
SURVEYORS CERTIFICATE



PALMER RECORDING DISTRICT

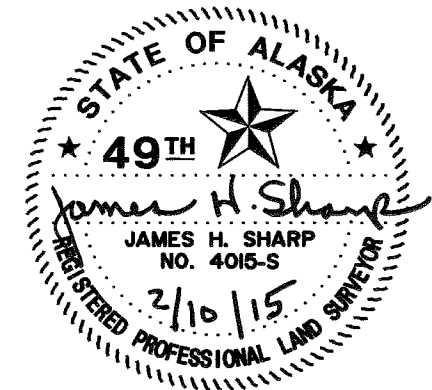
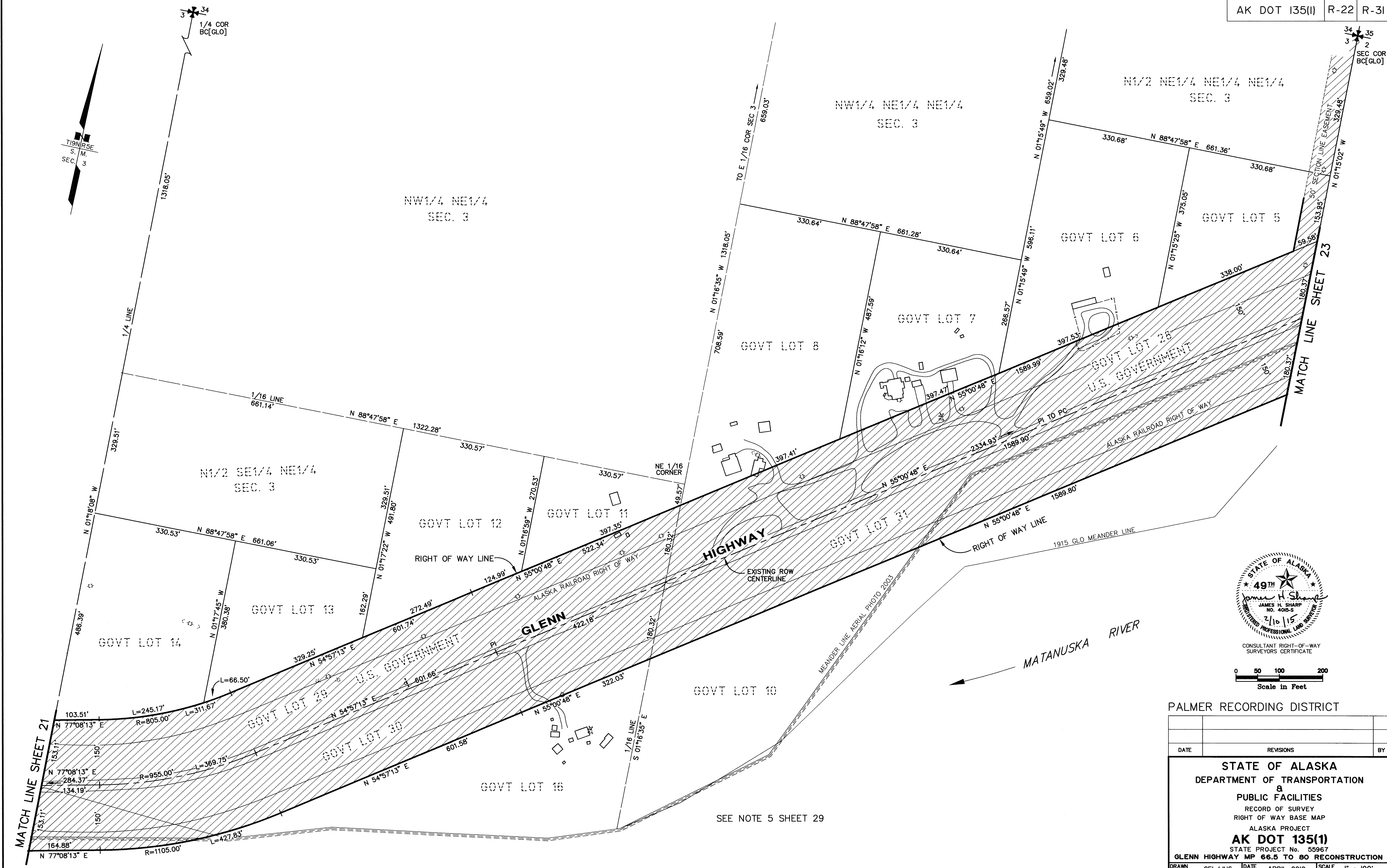
DATE	REVISIONS	BY
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES RECORD OF SURVEY RIGHT OF WAY BASE MAP ALASKA PROJECT AK DOT 135(1) STATE PROJECT No. 55967 GLENN HIGHWAY MP 66.5 TO 80 RECONSTRUCTION DRAWN GEL/JHS DATE APRIL 2010 SCALE 1" = 100' CHECKED JRC/TDM DATE JANUARY 2015 SHEET 21 OF 31		

Palmer 2015-16

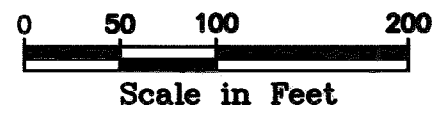


SEE NOTE 17 ON PAGE 29 FOR SPIRAL DEFINITION

CURVE TABLE					
NUMBER	LENGTH	DELTA/THETA	RADIUS	CHORD	CHORD BEARING
C45	23.70'	0°06'14"	SPIRAL/6544.97'	23.70'	S 87°50'14" E
C46	2.50'	0°09'55"	866.30'	2.50'	S 75°32'39" E



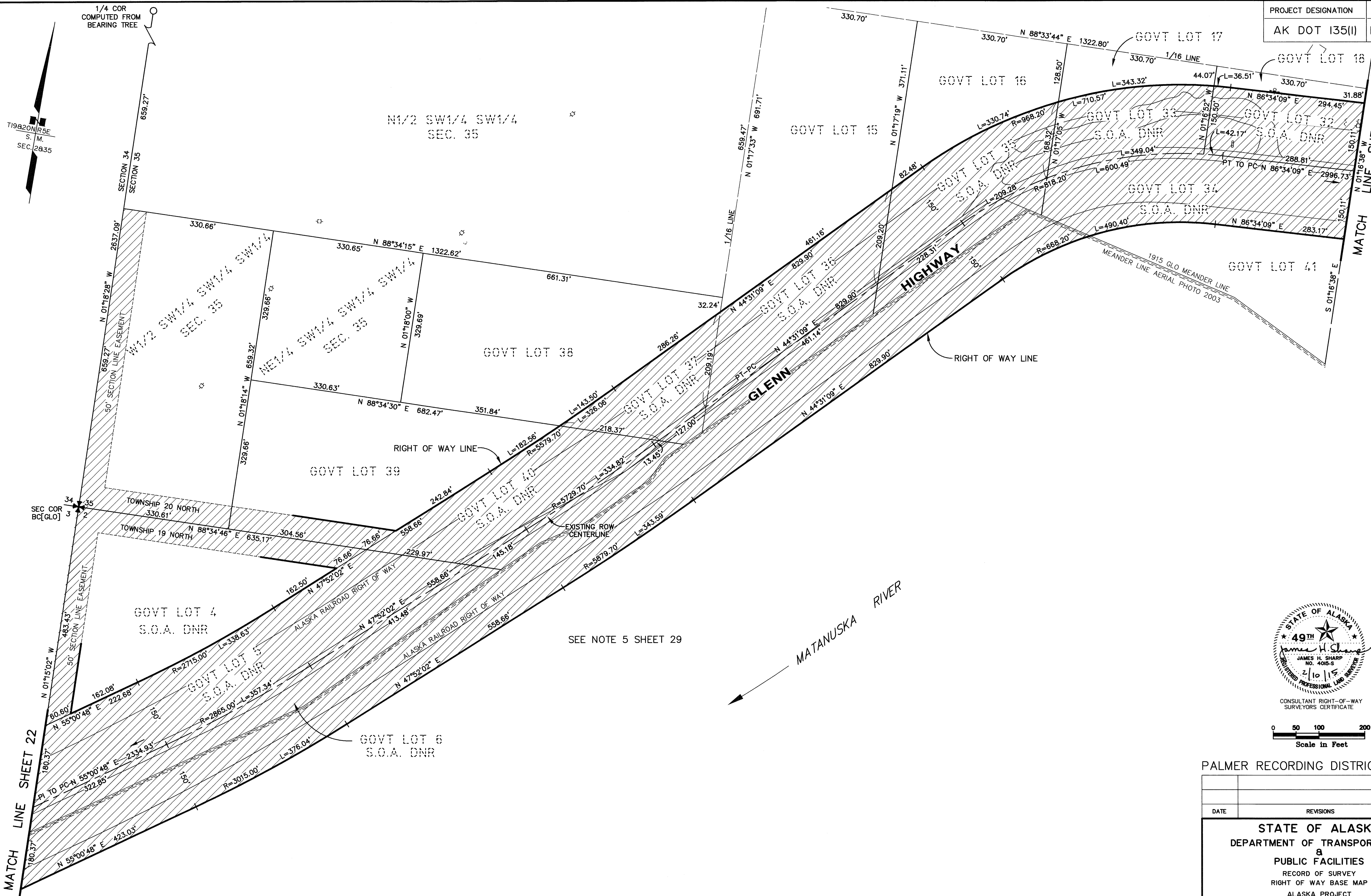
CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE



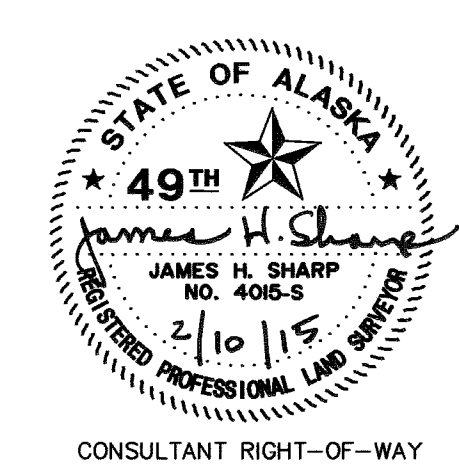
PALMER RECORDING DISTRICT

DATE	REVISIONS	BY			
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION 8 PUBLIC FACILITIES RECORD OF SURVEY RIGHT OF WAY BASE MAP ALASKA PROJECT AK DOT 135(1) STATE PROJECT No. 55967 GLENN HIGHWAY MP 66.5 TO 80 RECONSTRUCTION					
DRAWN	GEL/JHS	DATE	APRIL 2010	SCALE	1" = 100'
CHECKED	JRC/TDM	DATE	JANUARY 2015	SHEET	22 OF 31

Palmer 2015-16



PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
AK DOT 135(1)	R-23	R-31



CONSULTANT RIGHT-OF-WAY
SURVEYORS CERTIFICATE

0 50 100 200
Scale in Feet

PALMER RECORDING DISTRICT

DATE	REVISIONS	BY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RECORD OF SURVEY
RIGHT OF WAY BASE MAP
ALASKA PROJECT
AK DOT 135(1)
STATE PROJECT No. 55967
GLENN HIGHWAY MP 66.5 TO 80 RECONSTRUCTION

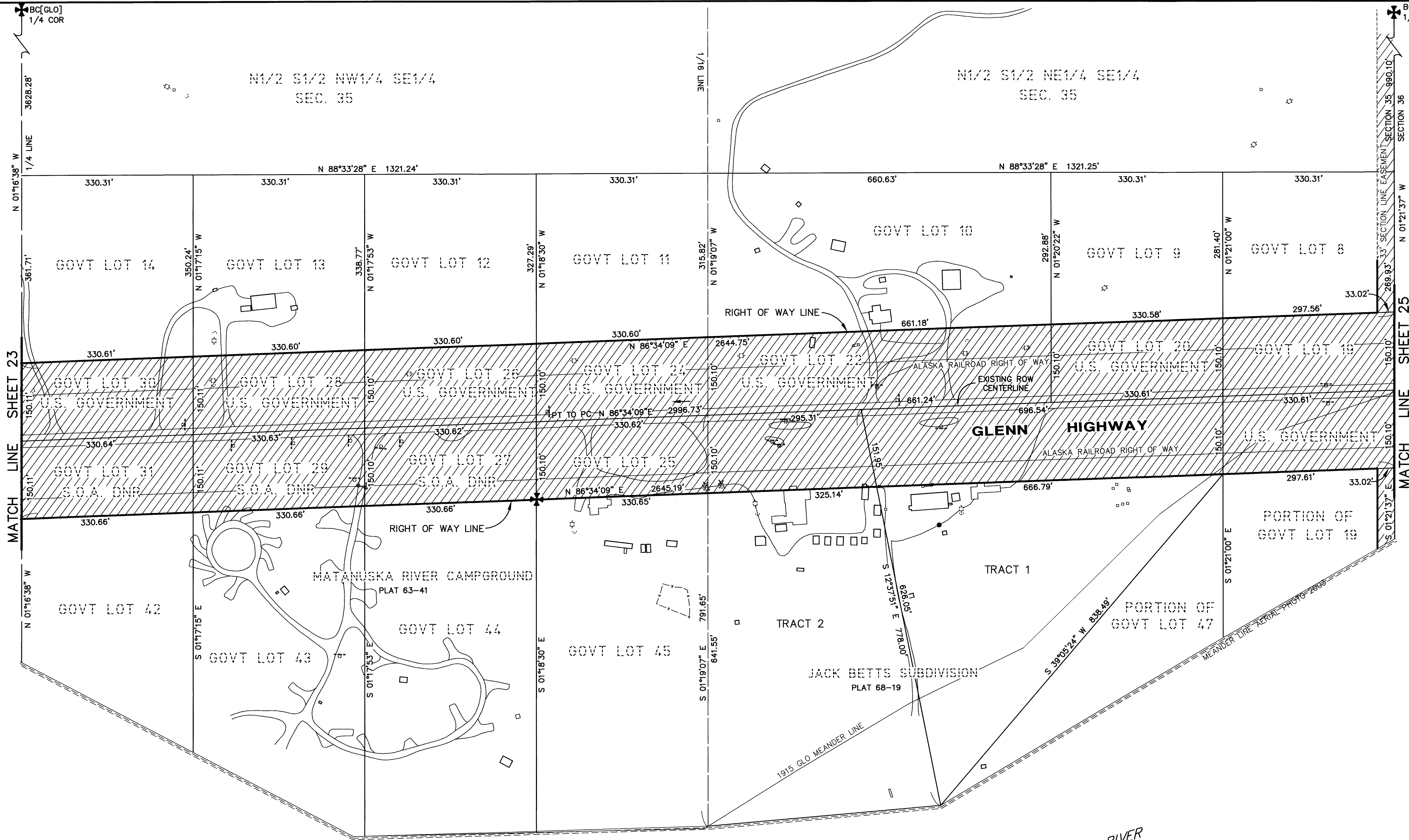
DRAWN	GEL/JHS	DATE	APRIL 2010	SCALE	1" = 100'
CHECKED	JRC/TDM	DATE	JANUARY 2015	SHEET	23 OF 31

Palmer 2015-16

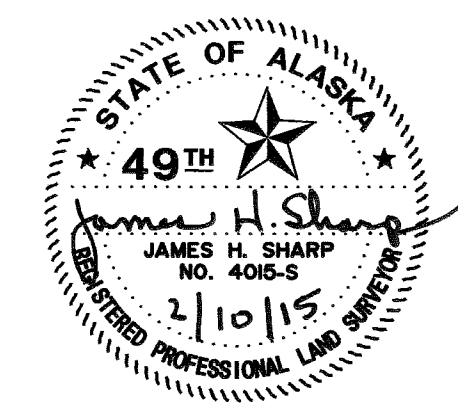
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1/4 COR

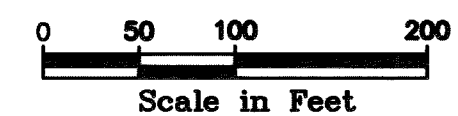
PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
AK DOT 135(1)	R-24	R-31



SEE NOTE 5 SHEET 29



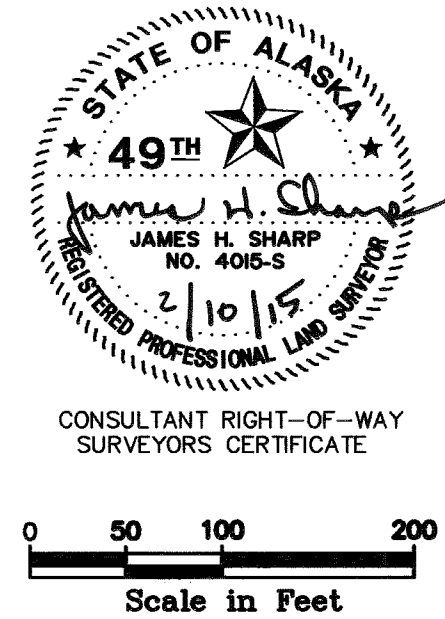
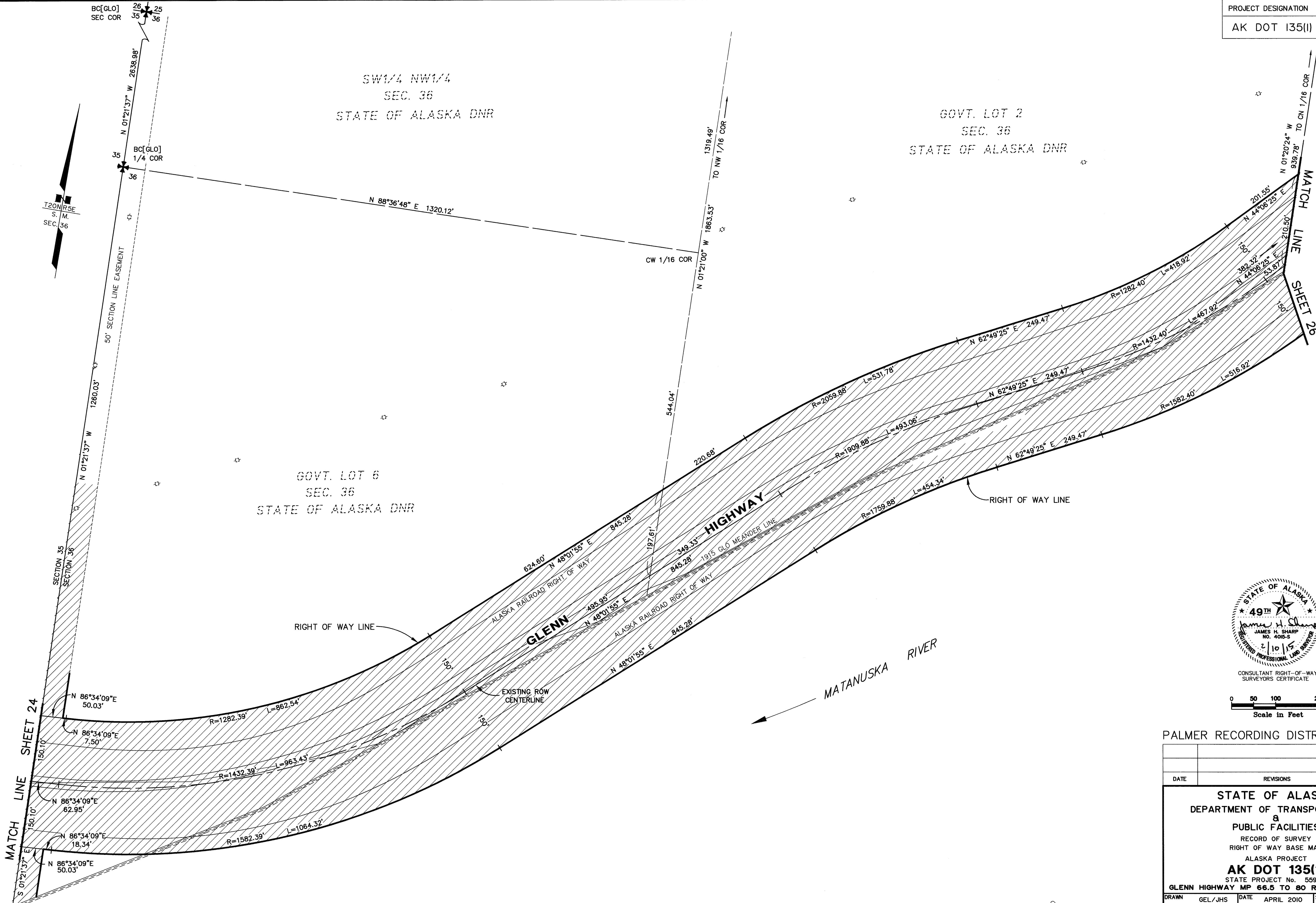
CONSULTANT RIGHT-OF-WAY
SURVEYORS CERTIFICATE



PALMER RECORDING DISTRICT

DATE		REVISIONS		BY
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES RECORD OF SURVEY RIGHT OF WAY BASE MAP ALASKA PROJECT AK DOT 135(1) STATE PROJECT No. 55967 GLENN HIGHWAY MP 66.5 TO 80 RECONSTRUCTION				
DRAWN	GEL/JHS	DATE	APRIL 2010	SCALE 1" = 100'
CHECKED	JRC/TDM	DATE	JANUARY 2015	SHEET 24 OF 31

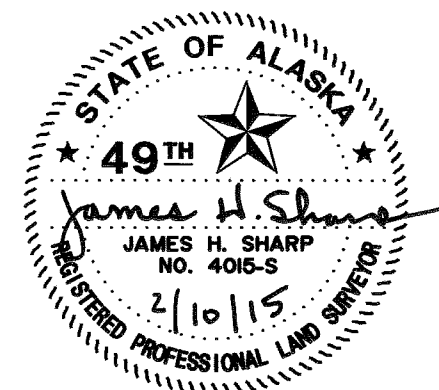
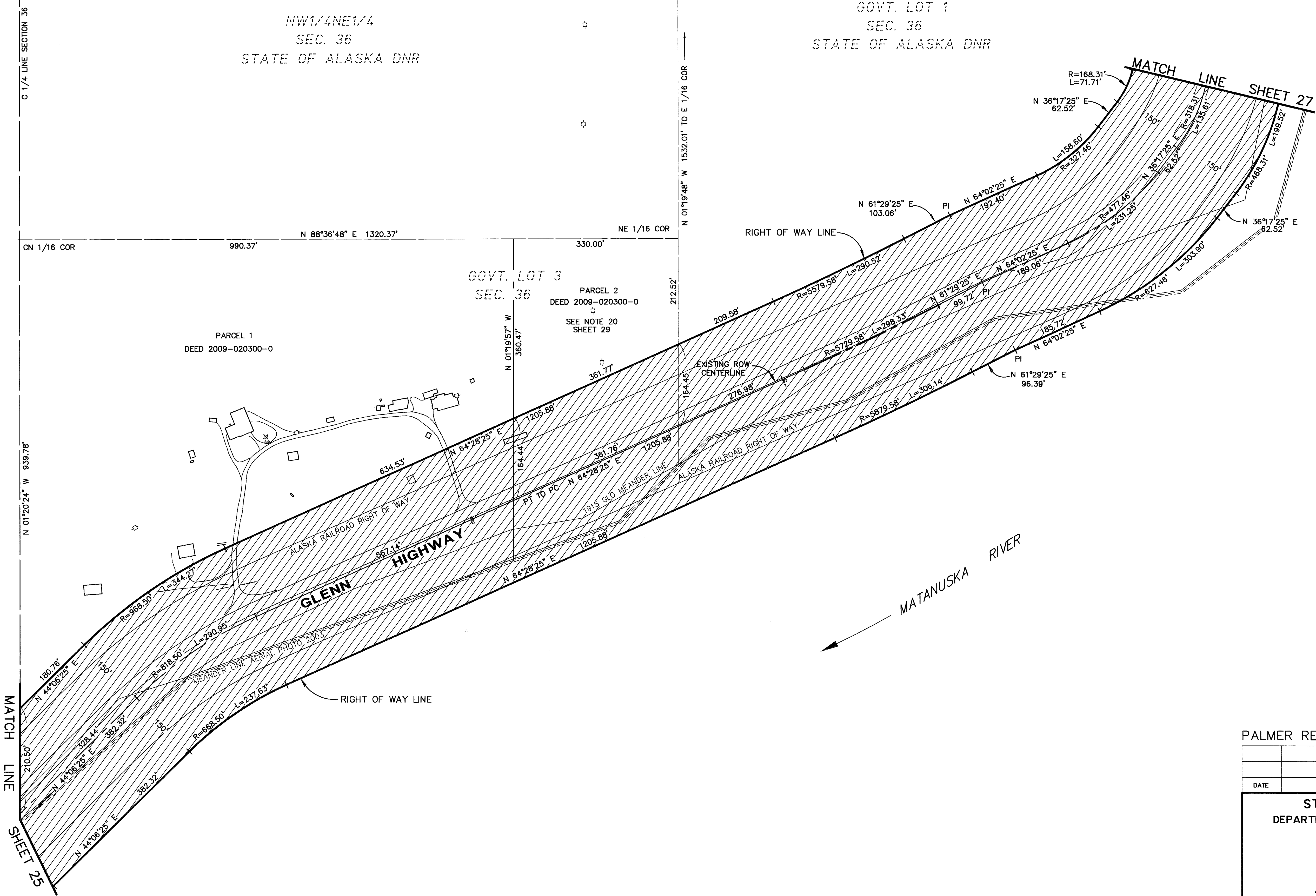
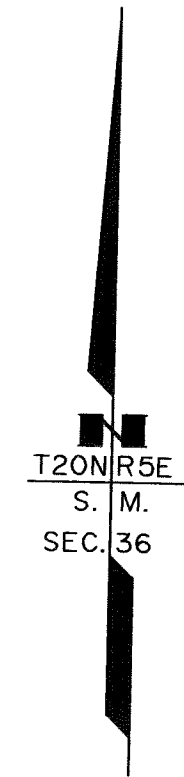
Palmer 2015-16



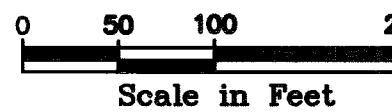
PALMER RECORDING DISTRICT

DATE		REVISIONS	BY
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES RECORD OF SURVEY RIGHT OF WAY BASE MAP ALASKA PROJECT AK DOT 135(1) STATE PROJECT No. 55967 GLENN HIGHWAY MP 66.5 TO 80 RECONSTRUCTION			
DRAWN	GEL/JHS	DATE	APRIL 2010
CHECKED	JRC/TDM	DATE	JANUARY 2015
SCALE 1" = 100'		SHEET 25 OF 31	

Palmer 2015-16



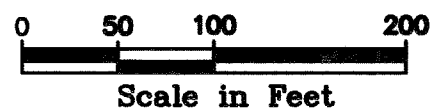
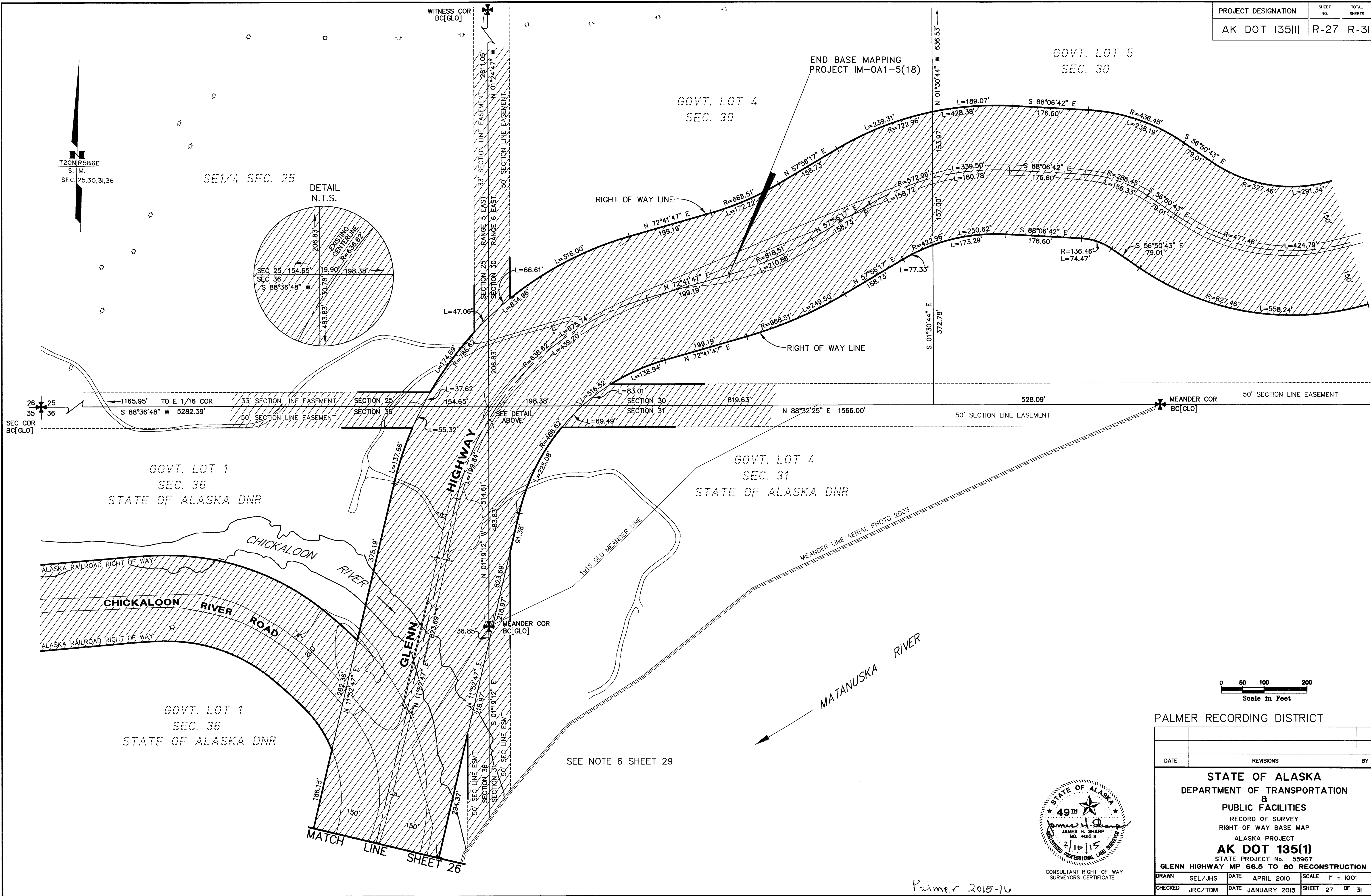
CONSULTANT RIGHT-OF-WAY
SURVEYORS CERTIFICATE



PALMER RECORDING DISTRICT

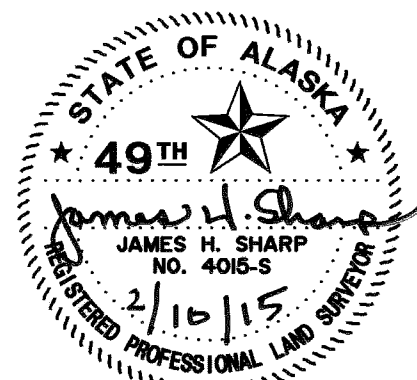
DATE	REVISIONS	BY
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES RECORD OF SURVEY RIGHT OF WAY BASE MAP ALASKA PROJECT AK DOT 135(1) STATE PROJECT No. 55967 GLENN HIGHWAY MP 66.5 TO 80 RECONSTRUCTION		
DRAWN	GEL/JHS	DATE APRIL 2010
CHECKED	JRC/TDM	DATE JANUARY 2015
SCALE 1" = 100'		SHEET 26 OF 31

Palmer 2015-16



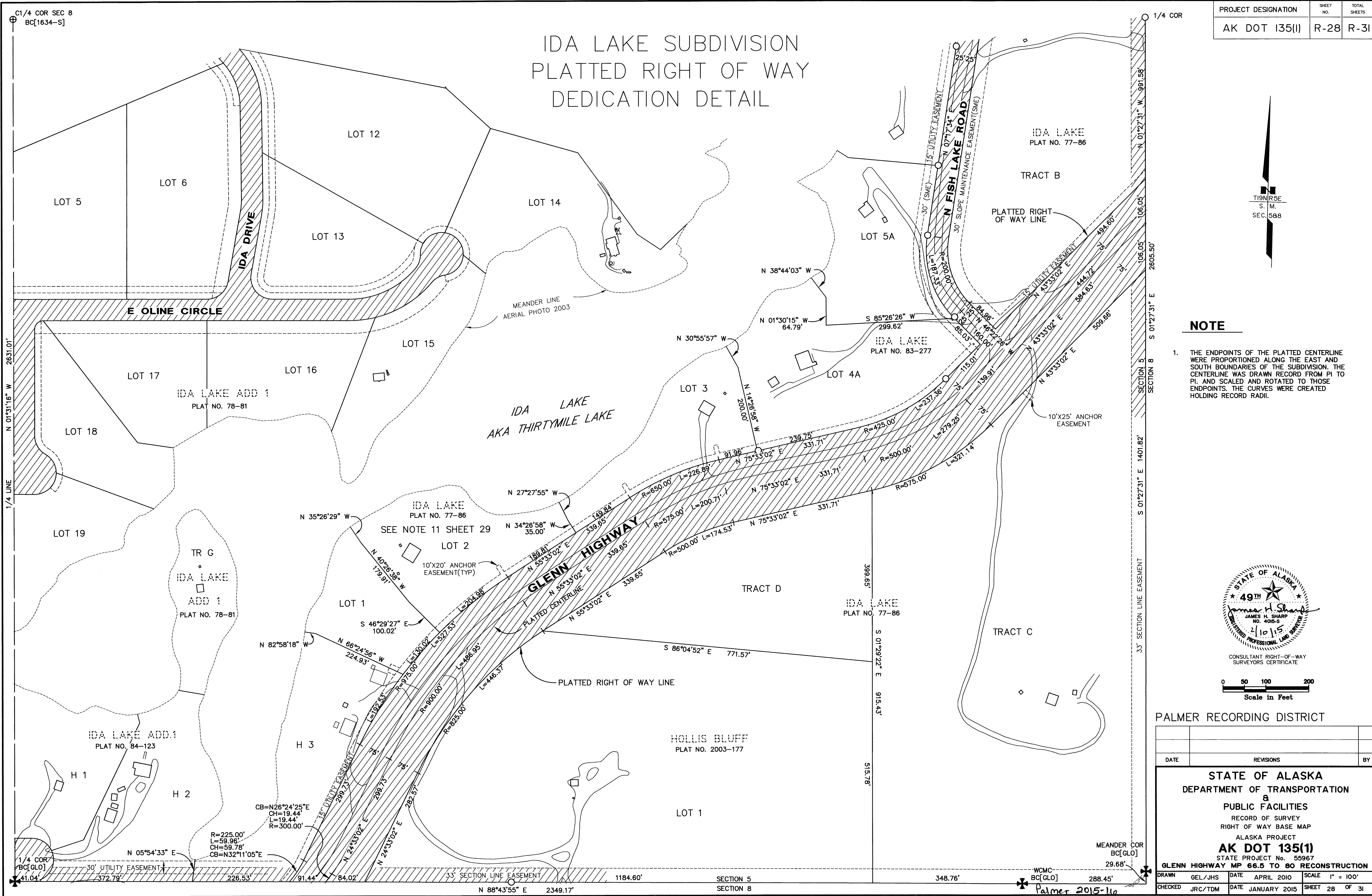
PALMER RECORDING DISTRICT

DATE	REVISIONS	BY



STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES RECORD OF SURVEY RIGHT OF WAY BASE MAP ALASKA PROJECT AK DOT 135(1) STATE PROJECT No. 55967 GLENN HIGHWAY MP 66.5 TO 80 RECONSTRUCTION			
DRAWN	GEL/JHS	DATE	APRIL 2010
CHECKED	JRC/TDM	DATE	JANUARY 2015
SCALE		1" = 100'	
SHEET		27 OF 31	

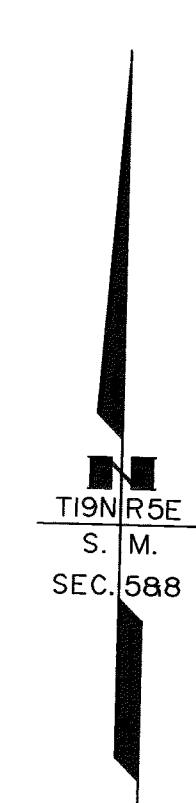
Palmer 2015-16



C1/4 COR SEC 8
BC[1634-S]

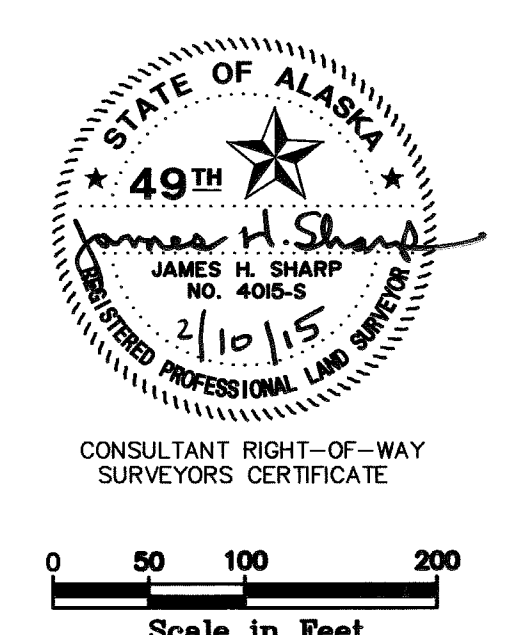
IDA LAKE SUBDIVISION PLATTED RIGHT OF WAY DEDICATION DETAIL

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
AK DOT 135(1)	R-28	R-31



NOTE

1. THE ENDPOINTS OF THE PLATTED CENTERLINE WERE PROPORTIONED ALONG THE EAST AND SOUTH BOUNDARIES OF THE SUBDIVISION. THE CENTERLINE WAS DRAWN RECORD FROM PI TO PI, AND SCALED AND ROTATED TO THOSE ENDPOINTS. THE CURVES WERE CREATED HOLDING RECORD RADII.



PALMER RECORDING DISTRICT		
DATE	REVISIONS	BY
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES RECORD OF SURVEY RIGHT OF WAY BASE MAP ALASKA PROJECT AK DOT 135(1) STATE PROJECT No. 55967 GLENN HIGHWAY MP 66.5 TO 80 RECONSTRUCTION		
DRAWN	GEL/JHS	DATE APRIL 2010
CHECKED	JRC/TDM	DATE JANUARY 2015
SCALE 1" = 100'		SHEET 28 OF 31

Palmer 2015-11

CONTROL STATEMENT

COORDINATE SYSTEM:

THIS PROJECT IS LOCATED ENTIRELY WITHIN THE MV-1 ADJUSTMENT, A LOCAL SURFACE GRID COORDINATE SYSTEM DEVELOPED BY THE ALASKA DEPARTMENT OF TRANSPORTATION IN 2002.

BASIS OF COORDINATES

THE BASIS OF COORDINATES IS NGS STATION "PURIN" LOCATED NEAR MILEPOST 91 OF THE GLENN HIGHWAY. SAID STATION HAS MV-1 COORDINATES OF 231730.0664 N, 232079.1864 E.

BASIS OF BEARINGS

THE BASIS OF BEARINGS IS A LOCAL PLANE BEARING BETWEEN NGS STATION "PURIN" AND NGS STATION "PAQB". NGS STATION "PAQB" BEARS S 64°53'54" W A DISTANCE OF 189,974.66 U.S. SURVEY FEET FROM NGS STATION "PURIN". NGS STATION "PAQB" HAS MV-1 COORDINATES OF 151137.6479 N, 60046.5335 E.

TRANSLATION PARAMETERS

TO CONVERT THE LOCAL COORDINATES TO NAD83(CORS) STATE PLANE U.S. SURVEY FOOT COORDINATES, TRANSLATE USING +2,624,893.36529 N, +1,738,991.40294 E, AND SCALE USING 0.9999202167.

NOTES

1. BEARINGS AND DISTANCES NOT FIXED BY RECOVERED MONUMENTATION WERE COMPUTED. LINE WORK MAY NOT TERMINATE AT THE FOUND MONUMENT.
2. ALL PLATS AND DOCUMENTS REFERRED TO BY BOOK AND PAGE OR INSTRUMENT NUMBER CAN BE FOUND IN THE PALMER RECORDING DISTRICT (P.R.D.).
3. TITLE REPORTS WERE NOT PREPARED IN ASSOCIATION WITH THIS MAPPING EFFORT. EASEMENTS MAY EXIST THAT ARE NOT SHOWN HEREON.
4. THE RIGHT OF WAY SURVEYING WAS CONDUCTED BY CENTRAL REGION ADOT & PF LOCATIONS SURVEY SECTION, SEPTEMBER 2004 TO SEPTEMBER 2006 AND JULY 2009 TO OCTOBER 2009. SURVEYING AND MAPPING FOR AERIAL PHOTOGRAPHY PERFORMED BY LOUNSBURY & ASSOCIATES AND AEROMAP INC. IN 2003.
5. THE CENTERLINE SHOWN WAS COMPUTED FROM RECORD INFORMATION TAKEN FROM ALASKA ROAD COMMISSION (ARC) ASBUILT PLANS AND BUREAU OF LAND MANAGEMENT (BLM) HIGHWAY SEGREGATION PLATS. TIES TO EXISTING BLM MONUMENTS WERE USED TO ADJUST THE RECORD ALIGNMENT EVERY MILE. THE BLM ALIGNMENT WAS HELD IN AREAS OF DIFFERENCE TO RETAIN THE RECORD FIGURE OF SECTION LOTS. IT WAS CONCLUDED THAT BLM MADE A GOOD EFFORT IN LOCATING THE SEGREGATION (HIGHWAY) LOTS RELATIVE TO EXISTING PUBLIC LAND ORDER (PLO) RIGHT OF WAY (ROW) AT THE TIME OF SURVEY. THE OUTER BOUNDARY OF THOSE LOTS WAS ACCEPTED TO BE IDENTICAL TO THE LIMIT OF PLO ROW. IN AREAS WHERE SEGREGATION LOT LIMITS WERE HELD THE CENTERLINE SHOWN IS OFFSET AND PARALLEL AND DOES NOT PRECISELY MATCH CENTERLINE SHOWN ON ARC OR DOT AS BUILT PLANS. THUS RECORD RADIUS AND TANGENTS MAY NOT MATCH EXACTLY. THE 1953 ARC ASBUILT PLANS WERE CORRECTED FOR CADASTRAL. THEY WERE DEVELOPED BETWEEN DECEMBER 1955 AND JANUARY 1956. THE BLM PLATS WERE APPROVED OCTOBER 27, 1954 AND DECEMBER 10, 1954.
6. THE CENTERLINE WAS COMPUTED ACROSS THE CHICKALOON RIVER HOLDING THE ASBUILT POSITION OF THE BRIDGE, THE RECORD TANGENTS EACH SIDE OF IT AND THE DEGREE OF CURVE FROM THE 1954 BRIDGE PLANS.
7. THE CENTERLINE SHOWN HEREON RUNS CONTINUOUS THROUGHOUT THE LENGTH OF THE PROJECT.
8. THERE COULD BE AN AMBIGUITY IN THE LOT LINE SEPARATING PARCELS A&B OF PLAT 83-143W (GOV'T LOT 15, SECTION 14 T19N R4E) AND PLATS OR DEEDS CREATED THEREAFTER.
9. A QUITCLAIM DEED WAS RECORDED IN BOOK 497 ON PAGE 880-881 (P.R.D) DECEMBER 26, 1986 BETWEEN PHILLIP AND SHIRLEY FEY AND THE STATE OF ALASKA DEPARTMENT OF TRANSPORTATION DEDICATING THE GLENN HIGHWAY RIGHT OF WAY THROUGH GOV'T LOT 3 SECTION 13 AND GOV'T LOT 4 SECTION 12 T12N R4E. DEEDS WERE RECORDED AFTER THIS DATE CONVEYING LAND TO THE CENTERLINE OF THE HIGHWAY WITHIN THE DEDICATION.
10. THE RIGHT OF WAY THROUGH GOV'T LOT 3 AND HOLLIS BLUFF SUBD. SECTION 8 T19N R5E EXISTS BY RS2477 AND THE WIDTH WAS DEFINED AS 100 FEET EACH SIDE OF THE 1941 ALASKA ROAD COMMISSION (ARC) CENTERLINE.
11. THE NORTH RIGHT OF WAY THROUGH IDA LAKE SUBD, PLAT (77-86). SECTION 5 T19N R5E EXISTS BY RS2477 AND IS 100 FEET OFF THE 1941 ARC CENTERLINE. THE SOUTH RIGHT OF WAY IS A COMBINATION OF THE IDA LAKE SUBDIVISION RIGHT OF WAY DEDICATION AND 100 FEET OFF THE 1941 CENTERLINE.
12. SEVERAL RECOVERED CORNERS OF IDA LAKE SUBDIVISION, ALTHOUGH IN GOOD CONDITION, DO NOT MATCH RECORD DIMENSIONS ON THE PLAT. SIDE LOT LINES WERE DETERMINED BY PRORATING FRONTAGE DISTANCES ALONG THE COMPUTED PLATTED CENTERLINE.
13. THE CORNER OF SECTIONS 25 AND 26 T20N R5E AND SECTIONS 30 AND 31 T20N R6E WAS SET BY DISTANCE-DISTANCE INTERSECTION FROM THE RECOVERED MEANDER CORNERS TO THE EAST AND SOUTH. VALUES USED ARE MEASURED DISTANCES FROM COAL MOUNTAIN TRACTS, PLAT 91-13.
14. A 30 FOOT WIDE RIGHT OF WAY FOR TRANSMISSION LINE WAS GRANTED BY THE BUREAU OF LAND MANAGEMENT TO MATANUSKA ELECTRIC ASSOCIATION, INC. AS SERIAL NUMBER "ANCHORAGE 021317" ON JULY 6, 1961. THE VALIDITY OF SAID RIGHT OF WAY ON PROPERTIES THROUGHOUT THIS PROJECT IS NOT KNOWN AND NOT SHOWN HEREON.
15. AN EASEMENT DEED WAS RECORDED JANUARY 10, 1971 IN BOOK 16 MISC. ON PAGE 199-210 TRANSFERRING THE ALASKA COMMUNICATIONS SYSTEM (ACS) FACILITIES TO RCA ALASKA COMMUNICATIONS, INC. THE EASEMENT IS DESCRIBED AS 50 FEET WIDE, 25 FEET EACH SIDE OF THE ACS LINE. THE LOCATION OF THE ACS LINE IS UNDETERMINED AND THE EASEMENT IS NOT SHOWN HEREON.

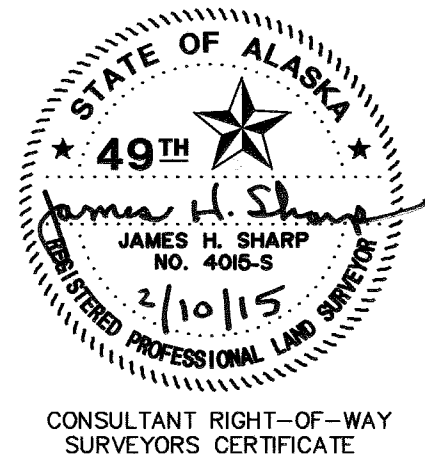
SOURCE DOCUMENTS

THE GLENN HIGHWAY RIGHT OF WAY CORRIDOR DEPICTED HEREIN WAS DETERMINED FROM THE FOLLOWING PLANS AND DOCUMENTS:

ROW	PLAN SHEET NO.	PLAN, DOCUMENT OR SOURCE OF EXISTING RIGHT OF WAY SHOWN (IF NO SPECIFIC REFERENCE IS MADE, THE ENTIRE SHEET IS AFFECTED)
7		ROW PLANS, AK. PROJ. IM-0A1-5(009), PLAT 2012-29, GLENN HWY., M.P. 55 TO 67 MOOSE CR TO KINGS RIVER, PAGES 34 AND 35, GOV'T LOT 1, ALASKA ROAD COMMISSION (ARC), GLENN HIGHWAY, SECTION B-1 AS BUILT PLANS 1955, CENTERLINE, GOV'T LOTS 2 AND 3 PLO 1613, THROUGH ROAD EASEMENT 300' WIDE, 150' EACH SIDE OF ARC CENTERLINE, GOV'T LOTS 2 AND 3; ALASKA RAILROAD RIGHT OF WAY PERMIT, 200' WIDE, 100' EACH SIDE OF ARR CENTERLINE; KINGS RIVER BRIDGE ADL 867
8		ALASKA ROAD COMMISSION, GLENN HIGHWAY, SECTION B-1 AS BUILT PLANS 1955, CENTERLINE PLO 1613, THROUGH ROAD EASEMENT 300' WIDE, 150' EACH SIDE OF ARC CENTERLINE ALASKA RAILROAD RIGHT OF WAY PERMIT, 200' WIDE, 100' EACH SIDE OF ARR CENTERLINE
9		ALASKA ROAD COMMISSION, GLENN HIGHWAY, SECTION B-1 AS BUILT PLANS 1955, CENTERLINE PLO 1613, THROUGH ROAD EASEMENT 300' WIDE, 150' EACH SIDE OF ARC CENTERLINE ALASKA RAILROAD RIGHT OF WAY PERMIT, 200' WIDE, 100' EACH SIDE OF ARR CENTERLINE, GOV'T LOTS 1,3 AND 4
10		ALASKA ROAD COMMISSION, GLENN HIGHWAY, SECTION B-1 AS BUILT PLANS 1955, CENTERLINE PLO 1613, THROUGH ROAD EASEMENT 300' WIDE, 150' EACH SIDE OF ARC CENTERLINE ALASKA RAILROAD RIGHT OF WAY PERMIT, 200' WIDE, 100' EACH SIDE OF ARR CENTERLINE, GOV'T LOT 1 ROW PLANS, AK. PROJ. F-042-2(7), GLENN HWY., MILE POST 46 TO 72, MATANUSKA RIVER BANK PROTECTION, PAGE 3, GOV'T LOT 1
11		ALASKA ROAD COMMISSION, GLENN HIGHWAY, SECTION B-1 AS BUILT PLANS 1955, CENTERLINE BLM SUPPLEMENTAL PLAT OF SECTIONS 12, 13 AND 14 T19N R4E, APPROVED JUNE 7, 1966, ROAD CENTERLINE PLO 1613, THROUGH ROAD EASEMENT 300' WIDE, 150' EACH SIDE OF ARC CENTERLINE, GOV'T LOT 10 S.O. 2665, THROUGH ROAD RIGHT OF WAY 300' WIDE, 150' EACH SIDE OF CENTERLINE, GOV'TS 12 AND 13 ALASKA RAILROAD RIGHT OF WAY PERMIT, 200' WIDE, 100' EACH SIDE OF ARR CENTERLINE; ROW PLANS, AK. PROJ. F-042-2(7), GLENN HWY., MILE POST 46 TO 72, MATANUSKA RIVER BANK PROTECTION, PAGE 5 & 6, GOV'T LOT 13
12		ALASKA ROAD COMMISSION, GLENN HIGHWAY, SECTION B-1 AS BUILT PLANS 1955, CENTERLINE BLM SUPPLEMENTAL PLAT OF SECTIONS 12, 13 AND 14 T19N R4E, APPROVED JUNE 7, 1966, ROAD CENTERLINE S.O. 2665, THROUGH ROAD RIGHT OF WAY 300' WIDE, 150' EACH SIDE OF ARC CENTERLINE ALASKA RAILROAD RIGHT OF WAY PERMIT, 200' WIDE, 100' EACH SIDE OF ARR CENTERLINE
13		ALASKA ROAD COMMISSION, GLENN HIGHWAY, SECTION B-1 AS BUILT PLANS 1955, CENTERLINE BLM SUPPLEMENTAL PLAT OF SECTIONS 12, 13 AND 14 T19N R4E, APPROVED JUNE 7, 1966, ROAD CENTERLINE PLO 1613, THROUGH ROAD EASEMENT 300' WIDE, 150 EACH SIDE OF ARC CENTERLINE, PARCELS 1-3, PLAT 87-246W S.O. 2665, THROUGH ROAD RIGHT OF WAY 300' WIDE, 150' EACH SIDE OF CENTERLINE, PARCELS 1-3, PLAT 85-117W, SOUTHERN DEEDS ALASKA RAILROAD RIGHT OF WAY PERMIT, 200' WIDE, 100' EACH SIDE OF ARR CENTERLINE
14		ALASKA ROAD COMMISSION, GLENN HIGHWAY, SECTION B-1 AS BUILT PLANS 1955, CENTERLINE PLO 1613, THROUGH ROAD EASEMENT 300' WIDE, 150' EACH SIDE OF ARC CENTERLINE ALASKA RAILROAD RIGHT OF WAY PERMIT, 200' WIDE, 100' EACH SIDE OF ARR CENTERLINE ROW PLANS, AK. PROJ. F-042-2(7), GLENN HWY., MILE POST 46 TO 72, MATANUSKA RIVER BANK PROTECTION, PAGE 7, GOV'T LOT 1
15		ALASKA ROAD COMMISSION, GLENN HIGHWAY, SECTION B-1 AS BUILT PLANS 1955, CENTERLINE BLM SEGREGATION OF GLENN HIGHWAY RIGHT OF WAY, SECTIONS T19N R5E, APPROVED OCTOBER 27, 1954, ROAD CENTERLINE BLM SUPPLEMENTAL PLAT OF SECTIONS 7 AND 8 T19N R5E, APPROVED MAY 4, 1970, ADDED RIGHT OF WAY SECTION LOTS 39 AND 42 PLO 1613, THROUGH ROAD EASEMENT 300' WIDE, 150' EACH SIDE OF ARC CENTERLINE, 22, 39 AND 42 ALASKA RAILROAD RIGHT OF WAY PERMIT, 200' WIDE, 100' EACH SIDE OF ARR CENTERLINE; ROW PLANS, AK. PROJ. F-042-2(7), GLENN HWY., M.P. 46 TO 72, MATANUSKA RIVER BANK PROTECTION, PAGE 8 & 9, GOV'T LOTS 35 AND 36
16		BLM SEGREGATION OF GLENN HIGHWAY RIGHT OF WAY, SECTIONS T19N R5E, APPROVED OCTOBER 27, 1954, ROAD CENTERLINE BLM SUPPLEMENTAL PLAT OF SECTIONS 7 AND 8 T19N R5E, APPROVED MAY 4, 1970, ADDED RIGHT OF WAY SECTION LOTS 37,38,40 AND 41 PLO 1613, THROUGH ROAD EASEMENT 300' WIDE, 150' EACH SIDE OF BLM CENTERLINE, GOV'T LOTS 37,38,40 AND 41 ALASKA RAILROAD RIGHT OF WAY PERMIT, 200' WIDE, 100' EACH SIDE OF ARR CENTERLINE, GOV'T LOTS 26-33,40 AND 41 ROW PLANS, AK. PROJ. F-042-2(7), GLENN HWY., M.P. 46 TO 72, MATANUSKA RIVER BANK PROTECTION, PAGE 10, GOV'T LOTS 28,29,30
17		BLM SEGREGATION OF GLENN HIGHWAY RIGHT OF WAY, SECTIONS T19N R5E, APPROVED OCTOBER 27, 1954, ROAD CENTERLINE BLM SUPPLEMENTAL PLAT OF SECTIONS 7 AND 8 T19N R5E, APPROVED MAY 4, 1970, ADDED RIGHT OF WAY GOV'T LOTS 14 AND 15 PLO 1613, THROUGH ROAD EASEMENT 300' WIDE, 150' EACH SIDE OF BLM CENTERLINE, GOV'T LOTS 14 AND 15 ALASKA RAILROAD RIGHT OF WAY PERMIT, 200' WIDE, 100' EACH SIDE OF ARR CENTERLINE, LOTS 10-13, 15 AND PARCEL 1 EASEMENT BY RS-2477, 200' WIDE, 100' EACH SIDE OF THE ARC 1941 PALMER-RICHARDSON HIGHWAY CENTERLINE, GOV'T LOT 3
18		BLM SEGREGATION OF GLENN HIGHWAY RIGHT OF WAY, SECTIONS T19N R5E, APPROVED OCTOBER 27, 1954, ROAD CENTERLINE EASEMENT BY RS-2477, 200' WIDE, 100' EACH SIDE OF THE ARC 1941 PALMER-RICHARDSON HIGHWAY CENTERLINE RIGHT OF WAY DEDICATION BY IDA LAKE SUBDIVISION, PLAT 77-86
19		BLM SEGREGATION OF GLENN HIGHWAY RIGHT OF WAY, T19N R5E, APPROVED OCTOBER 27, 1954, ROAD CENTERLINE PLO 1613, THROUGH ROAD EASEMENT 300' WIDE, 150' EACH SIDE OF BLM CENTERLINE, GOV'T LOTS 21 AND 22 ALASKA RAILROAD RIGHT OF WAY PERMIT, 200' WIDE, 100' EACH SIDE OF ARR CENTERLINE, GOV'T LOTS 31-34 AND GOV'T LOT 4
20		BLM SEGREGATION OF GLENN HIGHWAY RIGHT OF WAY, T19N R5E, APPROVED OCTOBER 27, 1954, ROAD CENTERLINE PLO 1613, THROUGH ROAD EASEMENT 300' WIDE, 150' EACH SIDE OF BLM CENTERLINE, GOV'T LOTS 23 AND 24 ALASKA RAILROAD RIGHT OF WAY PERMIT, 200' WIDE, 100' EACH SIDE OF ARR CENTERLINE, GOV'T LOTS 23,24 AND 26-30
21		BLM SEGREGATION OF GLENN HIGHWAY RIGHT OF WAY, T19N R5E, APPROVED OCTOBER 27, 1954, ROAD CENTERLINE PLO 1613, THROUGH ROAD EASEMENT 300' WIDE, 150' EACH SIDE OF BLM CENTERLINE, GOV'T LOTS 21,26 AND 27 ALASKA RAILROAD RIGHT OF WAY PERMIT, 200' WIDE, 100' EACH SIDE OF ARR CENTERLINE, GOV'T LOTS 21,26 AND 27
22		BLM SEGREGATION OF GLENN HIGHWAY RIGHT OF WAY, T19N R5E, APPROVED OCTOBER 27, 1954, ROAD CENTERLINE PLO 1613, THROUGH ROAD EASEMENT 300' WIDE, 150' EACH SIDE OF BLM CENTERLINE, GOV'T LOTS 28-31 ALASKA RAILROAD RIGHT OF WAY PERMIT, 200' WIDE, 100' EACH SIDE OF ARR CENTERLINE, GOV'T LOTS 28-31 BLM SUPPLEMENTAL PLAT OF SECTION 3 T19N R5E, APPROVED AUGUST 31, 1970, ADDED RIGHT OF WAY SECTION LOTS 28-31
23		BLM SEGREGATION OF GLENN HIGHWAY RIGHT OF WAY, T19N R5E, APPROVED OCTOBER 27, 1954, ROAD CENTERLINE BLM SEGREGATION OF GLENN HIGHWAY RIGHT OF WAY, T20N R5E, APPROVED DECEMBER 10, 1954, ROAD CENTERLINE PLO 1613, THROUGH ROAD EASEMENT 300' WIDE, 150' EACH SIDE OF BLM CENTERLINE, GOV'T LOTS 5,6,40 AND 32-37 ALASKA RAILROAD RIGHT OF WAY PERMIT, 200' WIDE, 100' EACH SIDE OF ARR CENTERLINE, GOV'T LOTS 5,6,40 AND 32-37
24		BLM SEGREGATION OF GLENN HIGHWAY RIGHT OF WAY, T20N R5E, APPROVED DECEMBER 10, 1954, ROAD CENTERLINE PLO 1613, THROUGH ROAD EASEMENT 300' WIDE, 150' EACH SIDE OF BLM CENTERLINE, GOV'T LOTS 19-31 AND TRACTS 1 AND 2 ALASKA RAILROAD RIGHT OF WAY PERMIT, 200' WIDE, 100' EACH SIDE OF ARR CENTERLINE, LOTS 19-31 AND TRACTS 1 AND 2
25		BLM SEGREGATION OF GLENN HIGHWAY RIGHT OF WAY, T20N R5E, APPROVED DECEMBER 10, 1954, ROAD CENTERLINE ALASKA ROAD COMMISSION(ARC), GLENN HIGHWAY, SECTION B-1 AS BUILT PLANS 1956, CENTERLINE PLO 1613, THROUGH ROAD EASEMENT 300' WIDE, 150' EACH SIDE OF ARC CENTERLINE ALASKA RAILROAD RIGHT OF WAY PERMIT, 200' WIDE, 100' EACH SIDE OF ARR CENTERLINE
26		ALASKA ROAD COMMISSION, GLENN HIGHWAY, SECTION B-1 AS BUILT PLANS 1956, CENTERLINE PLO 1613, THROUGH ROAD EASEMENT 300' WIDE, 150' EACH SIDE OF ARC CENTERLINE ALASKA RAILROAD RIGHT OF WAY PERMIT, 200' WIDE, 100' EACH SIDE OF ARR CENTERLINE
27		ALASKA ROAD COMMISSION, GLENN HIGHWAY, SECTION B-1 AS BUILT PLANS 1956, CENTERLINE ALASKA ROAD COMMISSION, GLENN HIGHWAY CHICKALOON RIVER BRIDGE PLANS, DECEMBER 1954, SHEET 2, CENTERLINE PLO 1613, THROUGH ROAD EASEMENT 300' WIDE, 150' EACH SIDE OF ARC CENTERLINE ALASKA RAILROAD RIGHT OF WAY PERMIT, 200' WIDE, 100' EACH SIDE OF ARR CENTERLINE, GOV'T LOT 1

NOTES (CONTINUED)

16. THE ALASKA RAILROAD RIGHT OF WAY SHOWN WAS COMPUTED FROM THE 1916 (1928 REVISED) MATANUSKA BRANCH PLANS. A PERMIT WAS ISSUED ON JUNE 2, 1941 TO THE ALASKA ROAD COMMISSION FROM THE ALASKA RAILROAD TO UTILIZE THIS RIGHT OF WAY FOR HIGHWAY PURPOSES. CONTRACT NO. 1-3arr-2657.
17. THE SPIRAL CURVES ON THE RIGHT OF WAY WERE FIT BETWEEN THE ADJACENT TANGENTS AND CIRCULAR CURVES TO CREATE A MATHEMATICALLY SOUND FIGURE. THIS CAUSES THE T.S AND S.C POSITIONS TO SHIFT. THE MAXIMUM VARIANCE TO THE 100 FOOT CENTERLINE OFFSET IS 0.19'. SPIRAL CURVES WITHOUT AN INTERSECTING LINE ARE LISTED IN THE CURVE TABLES UNDER RADIUS AS SPIRAL. SPIRAL CURVES WITH AN INTERSECTING LINE ARE LISTED IN THE CURVE TABLE UNDER RADIUS AS SPIRAL/XXX.XX'. THE DISTANCE SHOWN IS THE CIRCULAR CURVE RADIUS WHICH NEEDS TO BE ENTERED TO SOLVE CORNER LOCATION COMPUTATIONS.
18. THE 20' STRIP OF ROW ACQUIRED UNDER PROJECT F-042-2(7) IS LOCATED VERY CLOSE TO THE POSITION ORIGINALLY SHOWN. THE PC WAS ORIGINALLY HELD TO POSITION THE STRIP HOWEVER THE RECORD LENGTH OF THE CENTERLINE CURVE OF 740.00' WAS FOUND TO BE 742.02'. IT WAS DECIDED TO LEAVE THE STRIP BEGINNING AT THE PC RATHER THAN SLIDE IT UP THE CURVE 1.01' WHICH MAY HAVE POSITIONED IT A LITTLE CLOSER TO RECORD..
19. THE 50' STRIP OF ROW ACQUIRED UNDER PROJECT F-042-2(7) IS LOCATED AS A BEST FIT BASED ON INTENTION. THE BLM ROW ALIGNMENT WAS HELD IN THIS AREA FOR ALIGNMENT OF THE ROW LIMITS. THE PARCELS THAT EXTENDED THE ROW 50' BEYOND EXISTING WERE SHOWN AS BEING PARALLEL. THE RECORD RADIUS OF 954.93' WAS FOUND TO BE 881.50'. A CURVE OF RECORD RADIUS WAS FIT BETWEEN 50' OFFSET POINTS TO BEST REPLICATE THE ORIGINAL PARCELS.
20. THE ASSUMPTION IS MADE THAT PARCEL 2, SHOWN ON SHEET 26, BEING AN EXCEPTION IN THE DESCRIPTION OF PARCEL 1 WITH AN INTENTION THAT IT SHOULD BE 330' IN WIDTH EXACTLY.



PALMER RECORDING DISTRICT

DATE	REVISIONS	BY
<div>STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES RECORD OF SURVEY RIGHT OF WAY BASE MAP ALASKA PROJECT AK DOT 135(1) STATE PROJECT No. 55967 GLENN HIGHWAY MP 66.5 TO 80 RECONSTRUCTION</div>		
DRAWN	GEL/JHS	DATE APRIL 2010 SCALE N/A
CHECKED	JRC/TDM	DATE JANUARY 2015 SHEET 29 OF 31

Palmer 2015-16

PROJECT DESIGNATION			SHEET NO.	TOTAL SHEETS
AK DOT I35(I)			R-30	R-31

TOWNSHIP 19 NORTH RANGE 4 EAST

BEGIN RAILROAD CENTERLINE AT NORTH LINE GOV'T LOT 2, SEC 16 T19N R4E FROM WHICH 1/4 CORNER SECTIONS 16/21 BEARS S 68°52'48" E 1744.35'

CURVE TO THE RIGHT, DELTA=4°02'39" RADIUS=818.51' LENGTH=57.78' CHORD BEARING AND DISTANCE S 06°46'59" E 57.76'

SPIRAL CURVE TO THE RIGHT, THETA=6°18'00" LENGTH=180.00' CHORD BEARING AND DISTANCE S 00°33'39" E 179.90'

TANGENT BEARING AND DISTANCE S 01°32'21" E 273.22'

SPIRAL CURVE TO THE LEFT, THETA=4°12'00" LENGTH=210.00' CHORD BEARING AND DISTANCE S 00°08'21" W 209.95'

CURVE TO THE LEFT, DELTA=8°33'00" RADIUS=1432.39' LENGTH=213.75' CHORD BEARING AND DISTANCE S 06°56'09" E 213.55'

SPIRAL CURVE TO THE LEFT, THETA=4°12'00" LENGTH=210.00' CHORD BEARING AND DISTANCE S 14°00'40" E 209.95'

TANGENT BEARING AND DISTANCE S 15°24'39" E 525.81'

SPIRAL CURVE TO THE LEFT, THETA=13°30'00" LENGTH=270.00' CHORD BEARING AND DISTANCE S 19°54'32" E 269.33'

CURVE TO THE LEFT, DELTA=42°36'30" RADIUS=572.96' LENGTH=426.08' CHORD BEARING AND DISTANCE S 50°12'54" E 416.33'

SPIRAL CURVE TO THE LEFT, THETA=13°30'00" LENGTH=270.00' CHORD BEARING AND DISTANCE S 80°31'17" E 269.33'

TANGENT BEARING AND DISTANCE S 85°01'09" E 181.75'

SPIRAL CURVE TO THE LEFT, THETA=10°30'00" LENGTH=210.00' CHORD BEARING AND DISTANCE S 88°31'06" E 209.69'

CURVE TO THE LEFT, DELTA=5°21'00" RADIUS=572.96' LENGTH=53.50' CHORD BEARING AND DISTANCE N 81°48'21" E 53.48'

SPIRAL CURVE TO THE LEFT, THETA=10°30'00" LENGTH=210.00' CHORD BEARING AND DISTANCE N 72°07'47" E 209.69'

TANGENT BEARING AND DISTANCE N 68°37'51" E 3022.26'

"FROM WHICH MEANDER CORNER OF SECTIONS 21/22 T19N R4E BEARS N 68°38'43" W 79.05' "

CURVE TO THE LEFT, DELTA=4°24'00" RADIUS=5729.65' LENGTH=440.01' CHORD BEARING AND DISTANCE N 66°25'51" E 439.90'

TANGENT BEARING AND DISTANCE N 64°13'51" E 547.75'

CURVE TO THE RIGHT, DELTA=3°20'30" RADIUS=3819.83' LENGTH=222.78' CHORD BEARING AND DISTANCE N 65°54'06" E 222.75'

TANGENT BEARING AND DISTANCE N 67°34'21" E 186.49'

CURVE TO THE LEFT, DELTA=3°24'00" RADIUS=3819.83' LENGTH=226.67' CHORD BEARING AND DISTANCE N 65°52'21" E 226.64'

TANGENT BEARING AND DISTANCE N 64°10'21" E 3313.11'

CURVE TO THE RIGHT, DELTA=2°43'00" RADIUS=5729.65' LENGTH=271.67' CHORD BEARING AND DISTANCE N 65°31'51" E 271.64'

TANGENT BEARING AND DISTANCE N 66°53'21" E 334.05'

SPIRAL CURVE TO THE LEFT, THETA=4°12'00" LENGTH=210.00' CHORD BEARING AND DISTANCE N 65°29'21" E 209.95'

CURVE TO THE LEFT, DELTA=4°19'00" RADIUS=1432.39' LENGTH=107.92' CHORD BEARING AND DISTANCE N 60°31'51" E 107.89'

SPIRAL CURVE TO THE LEFT, THETA=4°12'00" LENGTH=210.00' CHORD BEARING AND DISTANCE N 55°34'20" E 209.95'

TANGENT BEARING AND DISTANCE N 54°10'21" E 421.90'

CURVE TO THE RIGHT, DELTA=5°51'00" RADIUS=2864.93' LENGTH=292.51' CHORD BEARING AND DISTANCE N 57°05'51" E 292.39'

TANGENT BEARING AND DISTANCE N 60°01'21" E 7824.18'

"FROM WHICH CORNER OF SECTIONS 14/13/11/12 T19N R4E BEARS S 68°50'07" W 2650.54' "

CURVE TO THE RIGHT, DELTA=4°53'00" RADIUS=5729.65' LENGTH=448.34' CHORD BEARING AND DISTANCE N 62°27'51" E 488.19'

TANGENT BEARING AND DISTANCE N 64°54'21" E 1822.27'

CURVE TO THE LEFT, DELTA=13°08'00" RADIUS=2864.93' LENGTH=656.70' CHORD BEARING AND DISTANCE N 58°20'21" E 655.26'

"FROM WHICH MEANDER CORNER OF SECTIONS 7/12 T19N R4/5E BEARS N 17°24'12" E 163.30' "

TOWNSHIP 19 NORTH RANGE 5 EAST

TANGENT BEARING AND DISTANCE N 51°46'21" E 908.97"

CURVE TO THE LEFT, DELTA=10°07'00" RADIUS=2864.93' LENGTH=505.86' CHORD BEARING AND DISTANCE N 46°42'51" E 505.20'

TANGENT BEARING AND DISTANCE N 41°39'21" E 389.39'

SPIRAL CURVE TO THE RIGHT, THETA=6°28'48" LENGTH=162.00' CHORD BEARING AND DISTANCE N 43°48'56" E 161.91'

CURVE TO THE RIGHT, DELTA=21°51'24" RADIUS=716.20' LENGTH=273.21' CHORD BEARING AND DISTANCE N 59°03'51" E 271.55'

SPIRAL CURVE TO THE RIGHT, THETA=6°28'48" LENGTH=162.00' CHORD BEARING AND DISTANCE N 74°18'46" E 161.91'

TANGENT BEARING AND DISTANCE N 76°28'21" E 2353.65'

SPIRAL CURVE TO THE LEFT, THETA=3°00'00" LENGTH=120.00' CHORD BEARING AND DISTANCE N 75°28'21" E 119.99'

CURVE TO THE LEFT, DELTA=12°53'30" RADIUS=1145.92' LENGTH=257.83' CHORD BEARING AND DISTANCE N 67°01'36" E 257.29'

SPIRAL CURVE TO THE LEFT, THETA=3°00'00" LENGTH=120.00' CHORD BEARING AND DISTANCE N 58°34'51" E 119.99'

TANGENT BEARING AND DISTANCE N 57°34'51" E 294.12'

"FROM WHICH CORNER OF SECTIONS 5/6/7/8 T19N R5E BEARS N 13°26'44" W 791.72' "

SPIRAL CURVE TO THE RIGHT, THETA=9°00'00" LENGTH=150.00' CHORD BEARING AND DISTANCE N 60°34'48" E 149.84'

CURVE TO THE RIGHT, DELTA=18°29'00" RADIUS=477.46' LENGTH=154.03' CHORD BEARING AND DISTANCE N 75°49'21" E 153.36'

SPIRAL CURVE TO THE RIGHT, THETA=9°00'00" LENGTH=150.00' CHORD BEARING AND DISTANCE S 88°56'07" E 149.84'

TANGENT BEARING AND DISTANCE S 85°56'09" E 287.55'

SPIRAL CURVE TO THE RIGHT, THETA=9°00'00" LENGTH=150.00' CHORD BEARING AND DISTANCE S 82°56'12" E 149.84'

CURVE TO THE RIGHT, DELTA=20°44'00" RADIUS=477.46' LENGTH=172.78' CHORD BEARING AND DISTANCE S 66°34'09" E 171.84'

SPIRAL CURVE TO THE RIGHT, THETA=9°00'00" LENGTH=150.00' CHORD BEARING AND DISTANCE S 50°12'07" E 149.84'

TANGENT BEARING AND DISTANCE S 47°12'09" E 552.87'

SPIRAL CURVE TO THE LEFT, THETA=6°24'00" LENGTH=160.00' CHORD BEARING AND DISTANCE S 49°20'08" E 159.91'

CURVE TO THE LEFT, DELTA=16°44'00" RADIUS=716.20' LENGTH=209.17' CHORD BEARING AND DISTANCE S 61°58'09" E 208.42'

SPIRAL CURVE TO THE LEFT, THETA=6°24'00" LENGTH=160.00' CHORD BEARING AND DISTANCE S 74°36'10" E 159.91'

TANGENT BEARING AND DISTANCE S 76°44'09" E 325.28'

SPIRAL CURVE TO THE LEFT, THETA=6°50'24" LENGTH=114.00' CHORD BEARING AND DISTANCE S 79°00'56" E 113.93'

CURVE TO THE LEFT, DELTA=26°45'12" RADIUS=477.46' LENGTH=222.94' CHORD BEARING AND DISTANCE N 83°02'51" E 220.92'

SPIRAL CURVE TO THE LEFT, THETA=6°50'24" LENGTH=114.00' CHORD BEARING AND DISTANCE N 65°06'38" E 113.93'

TANGENT BEARING AND DISTANCE N 62°49'51" E 3671.05'

"FROM WHICH MEANDER CORNER OF SECTIONS 4/5 T19N R5E BEARS S 88°18'59" W 547.93' "

SPIRAL CURVE TO THE LEFT, THETA=4°30'00" LENGTH=150.00' CHORD BEARING AND DISTANCE N 61°19'51" E 149.96'

CURVE TO THE LEFT, DELTA=8°19'00" RADIUS=954.93' LENGTH=138.61' CHORD BEARING AND DISTANCE N 54°10'21" E 138.49'

SPIRAL CURVE TO THE LEFT, THETA=4°30'00" LENGTH=150.00' CHORD BEARING AND DISTANCE N 47°00'50" E 149.96'

TANGENT BEARING AND DISTANCE N 45°30'51" E 122.24'

TOWNSHIP 19 NORTH RANGE 5 EAST (CON'T)

SPIRAL CURVE TO THE RIGHT, THETA=6°24'00" LENGTH=160.00' CHORD BEARING AND DISTANCE N 47°38'50" E 159.91'

CURVE TO THE RIGHT, DELTA=6°41'00" RADIUS=716.20' LENGTH=83.54' CHORD BEARING AND DISTANCE N 55°15'21" E 83.49'

SPIRAL CURVE TO THE RIGHT, THETA=6°24'00" LENGTH=160.00' CHORD BEARING AND DISTANCE N 62°51'52" E 159.91'

TANGENT BEARING AND DISTANCE N 64°59'51" E 966.37'

CURVE TO THE RIGHT, DELTA=6°25'35" RADIUS=2864.93' LENGTH=321.33' CHORD BEARING AND DISTANCE N 68°12'38" E 321.17'

TANGENT BEARING AND DISTANCE N 71°25'26" E 1556.33'

CURVE TO THE LEFT, DELTA=3°56'35" RADIUS=2864.93' LENGTH=197.16' CHORD BEARING AND DISTANCE N 69°27'08" E 197.12'

TANGENT BEARING AND DISTANCE N 67°28'51" E 363.34'

SPIRAL CURVE TO THE RIGHT, THETA=4°30'00" LENGTH=150.00' CHORD BEARING AND DISTANCE N 68°58'50" E 149.96'

CURVE TO THE RIGHT, DELTA=15°43'00" RADIUS=954.93' LENGTH=261.94' CHORD BEARING AND DISTANCE N 79°50'21" E 261.12'

SPIRAL CURVE TO THE RIGHT, THETA=4°30'00" LENGTH=150.00' CHORD BEARING AND DISTANCE S 89°18'09" E 149.96'

TANGENT BEARING AND DISTANCE S 87°48'09" E 353.17'

"FROM WHICH 1/4 CORNER OF SECTIONS 4/3 T19N R5E BEARS N 12°55'09" W 840.90' "

SPIRAL CURVE TO THE LEFT, THETA=3°00'00" LENGTH=120.00' CHORD BEARING AND DISTANCE S 88°48'09" E 119.99'

CURVE TO THE LEFT, DELTA=14°30'00" RADIUS=1145.92' LENGTH=290.00' CHORD BEARING AND DISTANCE N 81°56'51" E 289.23'

SPIRAL CURVE TO THE LEFT, THETA=3°00'00" LENGTH=120.00' CHORD BEARING AND DISTANCE N 72°41'51" E 119.99'

TANGENT BEARING AND DISTANCE N 71°41'51" E 485.72'

SPIRAL CURVE TO THE LEFT, THETA=10°30'00" LENGTH=210.00' CHORD BEARING AND DISTANCE N 68°11'54" E 209.69'

CURVE TO THE LEFT, DELTA=20°20'00" RADIUS=572.96' LENGTH=203.33' CHORD BEARING AND DISTANCE N 51°01'51" E 202.27'

SPIRAL CURVE TO THE LEFT, THETA=10°30'00" LENGTH=210.00' CHORD BEARING AND DISTANCE N 33°51'47" E 209.69'

TANGENT BEARING AND DISTANCE N 30°21'51" E 203.18'

SPIRAL CURVE TO THE RIGHT, THETA=10°30'00" LENGTH=210.00' CHORD BEARING AND DISTANCE N 33°51'47" E 209.69'

CURVE TO THE RIGHT, DELTA=29°00'00" RADIUS=572.96' LENGTH=290.00' CHORD BEARING AND DISTANCE N 55°21'51" E 286.91'

SPIRAL CURVE TO THE RIGHT, THETA=10°30'00" LENGTH=210.00' CHORD BEARING AND DISTANCE N 76°51'54" E 209.69'

TANGENT BEARING AND DISTANCE N 80°21'51" E 329.99'

SPIRAL CURVE TO THE LEFT, THETA=4°30'00" LENGTH=150.00' CHORD BEARING AND DISTANCE N 78°51'51" E 149.96'

CURVE TO THE LEFT, DELTA=16°10'00" RADIUS=954.93' LENGTH=269.44' CHORD BEARING AND DISTANCE N 67°46'51" E 268.55'

SPIRAL CURVE TO THE LEFT, THETA=4°30'00" LENGTH=150.00' CHORD BEARING AND DISTANCE N 56°41'50" E 149.96'

TANGENT BEARING AND DISTANCE N 55°11'51" E 2600.41'

CURVE TO THE LEFT, DELTA=7°47'00" RADIUS=5729.65' LENGTH=778.34' CHORD BEARING AND DISTANCE N 51°18'21" E 777.74'

TANGENT BEARING AND DISTANCE N 47°24'51" E 588.08'

"FROM WHICH CORNER OF SECTIONS 3/2 T19N R5E & SECTIONS 34/35 T20N R5 E BEARS S 77°57'51" W 1122.02' "

TOWNSHIP 20 NORTH RANGE 5 EAST

CURVE TO THE LEFT, DELTA=2°56'00" RADIUS=5729.65' LENGTH=293.34' CHORD BEARING AND DISTANCE N 45°56'51" E 293.31'

TANGENT BEARING AND DISTANCE N 44°28'51" E 676.56'

SPIRAL CURVE TO THE RIGHT, THETA=10°30'00" LENGTH=210.00' CHORD BEARING AND DISTANCE N 47°58'47" E 209.69'

CURVE TO THE RIGHT, DELTA=21°02'00" RADIUS=572.96' LENGTH=210.33' CHORD BEARING AND DISTANCE N 65°29'51" E 209.15'

SPIRAL CURVE TO THE RIGHT, THETA=10°30'00" LENGTH=210.00' CHORD BEARING AND DISTANCE N 83°00'54" E 209.69'

TANGENT BEARING AND DISTANCE S 86°30'51" E 2998.60'

"FROM WHICH 1/4 CORNER OF SECTIONS 35/36 T19N R5E BEARS N 04°12'09" W 1418.93' "

SPIRAL CURVE TO THE LEFT, THETA=3°00'00" LENGTH=120.00' CHORD BEARING AND DISTANCE N 85°30'51" E 119.99'

CURVE TO THE LEFT, DELTA=32°37'00" RADIUS=1145.92' LENGTH=652.33' CHORD BEARING AND DISTANCE N 67°12'21" E 643.56'

SPIRAL CURVE TO THE LEFT, THETA=3°00'00" LENGTH=120.00' CHORD BEARING AND DISTANCE N 48°53'51" E 119.99'

TANGENT BEARING AND DISTANCE N 47°53'51" E 778.17'

SPIRAL CURVE TO THE RIGHT, THETA=2°15'00" LENGTH=150.00' CHORD BEARING AND DISTANCE N 48°38'51" E 149.99'

CURVE TO THE RIGHT, DELTA=9°22'00" RADIUS=1909.86' LENGTH=312.22' CHORD BEARING AND DISTANCE N 54°49'51" E 311.87'

SPIRAL CURVE TO THE RIGHT, THETA=2°15'00" LENGTH=150.00' CHORD BEARING AND DISTANCE N 61°00'51" E 149.99'

TANGENT BEARING AND DISTANCE N 61°45'51" E 273.29'

SPIRAL CURVE TO THE LEFT, THETA=4°30'00" LENGTH=150.00' CHORD BEARING AND DISTANCE N 60°15'51" E 149.96'

CURVE TO THE LEFT, DELTA=8°46'00" RADIUS=954.93' LENGTH=146.11' CHORD BEARING AND DISTANCE N 52°52'51" E 145.97'

SPIRAL CURVE TO THE LEFT, THETA=4°30'00" LENGTH=150.00' CHORD BEARING AND DISTANCE N 45°29'50" E 149.96'

TANGENT BEARING AND DISTANCE N 43°59'51" E 264.94'

SPIRAL CURVE TO THE RIGHT, THETA=4°30'00" LENGTH=150.00' CHORD BEARING AND DISTANCE N 45°29'50" E 149.96'

CURVE TO THE RIGHT, DELTA=11°54'00" RADIUS=954.93' LENGTH=198.33' CHORD BEARING AND DISTANCE N 54°26'51" E 197.98'

SPIRAL CURVE TO THE RIGHT, THETA=4°30'00" LENGTH=150.00' CHORD BEARING AND DISTANCE N 63°23'51" E 149.96'

TANGENT BEARING AND DISTANCE N 64°53'51" E 1615.48'

SPIRAL CURVE TO THE LEFT, THETA=9°00'00" LENGTH=150.00' CHORD BEARING AND DISTANCE N 61°53'53" E 149.84'

CURVE TO THE LEFT, DELTA=15°20'00" RADIUS=477.46' LENGTH=127.78' CHORD BEARING AND DISTANCE N 48°13'51" E 127.40'

CURVE TO THE LEFT, DELTA=15°03'00" RADIUS=716.20' LENGTH=188.12' CHORD BEARING AND DISTANCE N 33°02'21" E 187.58'

CURVE TO THE LEFT, DELTA=65°55'55" RADIUS=396.20' LENGTH=455.92' CHORD BEARING AND DISTANCE N 07°35'04" W 431.18'

"FROM WHICH MEANDER CORNER OF SECTION 36 T20N R5E AND SECTION 31 T20N R6E BEARS N 64°47'29" E 365.53' "

PALMER RECORDING DISTRICT

DATE	REVISIONS	BY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
8
PUBLIC FACILITIES
RECORD OF SURVEY
RIGHT OF WAY BASE MAP
ALASKA PROJECT
AK DOT 135(I)
STATE PROJECT No. 55967
GLENN HIGHWAY MP 66.5 TO 80 RECONSTRUCTION

DRAWN	GEL./JHS	DATE	APRIL 2010	SCALE	N/A
CHECKED	JRC/TDM	DATE	JANUARY 2015	SHEET	30 OF 31

STATE OF ALASKA
49TH
JAMES H. SHARP
NO. 406-S
2/10/15
REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY
SURVEYORS CERTIFICATE

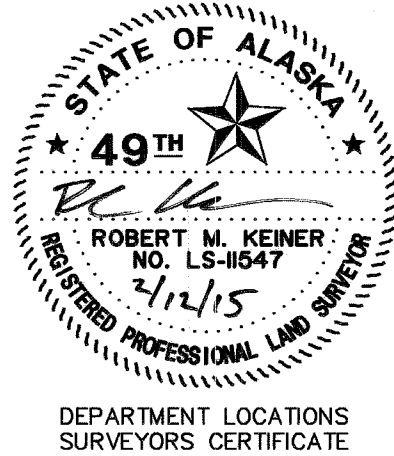
Palmer 2015-116

MONUMENT SUMMARY SHEET

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
AK DOT 135(1)	R-31	R-31

RECOVERED CORNERS - SHEETS 3 THRU 17						
LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
SHEET 3						
1/4 COR SECS 17 & 16 T19N R4E	ALUMINUM CAP MON [BLM]	204096.6367	117291.0002			
COR SECS 8,9,17 & 16 T19N R4E	BRASS CAP [GLO]	206736.6541	117232.2672			
N 1/16 COR SECS 17 & 16 T19N R4E	ALUMINUM CAP MON [DNR]	205416.6490	117261.4760			
MEANDER COR SECS 17 & 16 T19N R4E	REBAR WITH PLASTIC CAP[C638]	202904.6513	117317.3787			
1/4 COR SECS 9 & S16 T19N R4E	BRASS CAP [GLO]	206785.7493	119874.0197			
COR SECS 9,10,16 & 15 T19N R4E	BRASS CAP [GLO]	206842.2336	122499.3568			
1/4 COR SECS 16 & S21 T19N R4E	BRASS CAP [GLO]	201508.6711	119975.9317			
WITNESS COR 1/4 COR SECS 10 & 15 T19N R4E	BRASS CAP [GLO]	206885.5524	124656.6090			
SHEET 4						
SW COR LOT 15B-2 SEC 14 T19N R4E	REBAR WITH PLASTIC CAP [5713-S]	204029.6123	131250.2373			
SE COR LOT 15B-2 SEC 14 T19N R4E	REBAR WITH PLASTIC CAP [5713-S]	204152.3260	131811.6173			
SHEET 5						
COR SECS 31,32 T20N R5E & 6,5 T19N R5E	BRASS CAP [GLO]	217827.9973	143122.4362			
1/4 COR SECS 6 & 5 T19N R5E	BRASS CAP [GLO]	215182.8093	143191.2534			
1/4 COR SEC 32 T20N & SEC 5 T19N R5E	BRASS CAP [GLO]	217890.3033	145764.7308			
1/4 COR SEC 33 T20N & SEC 4 T19N R5E	BRASS CAP [GLO]	218006.6103	151044.5291			
SHEET 6						
COR SECS 27,26,34 & 35 T20N R5E	BRASS CAP [GLO]	223458.0285	158842.2216			
W 1/16 COR SECS 26 & 35 T20N R5E	ALUMINUM CAP [1314]	223488.2894	160163.1650			
1/4 COR SECS 26 & 25 T20N R5E	BRASS CAP [GLO]	226156.6937	164062.6871			
1/4 COR SECS 26 & 25 T20N R5E	BRASS CAP [GLO]	226156.6937	164062.6871			
SHEET 7						
CENTERLINE PT PROJECT IM-0A1-5(009)	BRASS CAP [DOT]	202772.7558	118300.6550			
CENTERLINE EOP PROJECT IM-0A1-5(009)	BRASS CAP [DOT]	202140.8124	118328.7347			
SHEET 8						
COR SECS 16,15,S21 & S22 T19N R4E	BRASS CAP [GLO]	201560.4293	122616.4110			
MEANDER COR SECS 21 & 22 T19N R4E	BRASS CAP [GLO]	201111.0660	122627.1943			
SHEET 9						
MEANDER COR SECS 15 & S22 T19N R4E	BRASS CAP [GLO]	201579.1292	123447.6921			
1/4 SECS 16 & 15 T19N R4E	BRASS CAP [GLO]	204205.2195	122543.1033			
SHEET 10						
1/4 COR SECS 15 & 14 T19N R4E	BRASS CAP [GLO]	204311.2647	127836.0909			
SHEET 11						
COR SECS 10,11,15 & 14 T19N R4E	BRASS CAP [GLO]	206950.6231	127779.1656			
WC TO GOV'T LOT 14 & R.O.W. SEC 14 T19N R4E	REBAR WITH ALUM. CAP [8218-S]	205224.2421	130464.3675			
NW COR LOT 15A SEC 14 T19N R4E	REBAR WITH PLASTIC CAP [5713-S]	204912.3637	130471.7597			
SW COR LOT 15A SEC 14 T19N R4E	REBAR WITH PLASTIC CAP [5713-S]	204261.3321	130484.1680			
SHEET 12						
1/4 COR SECS 11 & 14 T19N R4E	BRASS CAP [GLO]	207003.7893	130424.5534			
SW COR LOT 15B-1 SEC 14 T19N R4E	REBAR WITH PLASTIC CAP [5713-S]	204792.5449	131293.0420			
SE COR LOT 15B-1 SEC 14 T19N R4E	REBAR WITH PLASTIC CAP [5713-S]	204802.1720	131796.9621			
NE COR LOT 15A SEC 14 T19N R4E	REBAR WITH PLASTIC CAP [5713-S]	205344.3392	131220.5590			
NW COR LOT 15B-1 SEC 14 T19N R4E	REBAR WITH PLASTIC CAP [5713-S]	205378.4805	131279.7879			
WC TO GOV'T LOT 14 & R.O.W. SEC 14 T19N R4E	REBAR WITH ALUM. CAP [8218-S]	205698.3551	131224.6553			
SW PARCEL 1 PLAT 91-14W SEC 14 T19N R4E	REBAR WITH ALUM. CAP [8218-S]	205756.1292	131110.1468			
GOV'T LOT 9 TRACTS & R.O.W. SEC 14 T19N R4E	REBAR WITH ALUM. CAP [8218-S]	205760.5903	131342.1398			
NE COR GOV'T LOT 15 SEC 14 T19N R4E	REBAR WITH PLASTIC CAP [5713-S]	205709.1911	131776.4813			
MEANDER COR SECS 14 & 13 T19N R4E	BRASS CAP [GLO]	205762.5044	133097.7113			
SHEET 13						
COR SECS 11,12,14 & 13 T19N R4E	ALUMINUM CAP MON [8218-S]	207055.2177	133067.9101			
NE COR GOV'T LOT 3 SEC 13 T19N R4E	3/4" REBAR	207066.8751	133602.3366			
COR GOV'T LOT 2 TRACTS SEC 13 T19N R4E	IRON PIPE	206965.1259	134049.2743			
SE COR PCLS 2&3, PLAT 85-117W SEC 12 T19N R4E	SPIKE	207357.0335	134101.5982			
MEANDER COR SECS 12 & S13 T19N R4E	BRASS CAP [GLO]	207084.8396	134655.0963			
SE PARCEL 3 PLAT 85-117W SEC 12 T19N R4E	IRON PIPE	207518.0443	134378.3228			
1/4 COR SECS 11 & S12 T19N R4E	BRASS CAP [GLO]	209690.4086	133008.9699			
COR SECS 2,1,11 & 12 T19N R4E	BRASS CAP [GLO]	212338.5222	132950.8521			
SHEET 14						
1/4 COR SECS 1 & 12 T19N R4E	BRASS CAP [GLO]	212389.9065	135587.1297			
MEANDER COR SECS 12 & 7 T19N R4E & 5E	BRASS CAP [GLO]	209535.9386	138283.7362			
1/4 COR SECS 12 & S7 T19N R4E & R5E	BRASS CAP [GLO]	209794.2968	138279.4643			
SHEET 15						
COR SECS 1,12 T19N R4E & SECS 6,7 T19N R5E	BRASS CAP [GLO]	212441.3640	138219.6680			

RECOVERED CORNERS - SHEETS 18 THRU 27						
LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
SHEET 16						
1/4 COR SECS 6 & 7 T19N R5E	BRASS CAP [GLO]	212493.0490	140608.4520			
COR SECS 6,5,7 & 8 T19N R5E	BRASS CAP [GLO]	212551.4116	143252.5517			
SHEET 17						
1/4 COR SECS 5 & 8 T19N R5E	BRASS CAP [GLO]	212616.9924	145904.0674			
SHEET 18						
WC SE COR LOT 2 PLAT 2003-177 SEC 8 T19N R5E	REBAR WITH PLASTIC CAP [6925-S]	212362.6514	147068.4742			
NE COR LOT 2 PLAT 2003-177 SEC 8 T19N R5E	REBAR WITH PLASTIC CAP [6925-S]	212642.6277	147061.6135			
C 1/4 COR SEC 5 T19N R5E	BRASS CAP [1634]	215247.0769	145834.2304			
SW COR LOT 4A PLAT 83-277 SEC 5 T19N R5E	1/2" REBAR	213662.4899	147612.8828			
WITNESS COR MEANDER COR SECS 5 & 8 T19N R5E	BRASS CAP [GLO]	212668.9750	148252.6660			
MEANDER COR SECS 5 & 4 T19N R5E	BRASS CAP [GLO]	212705.0262	148540.2914			
PC LOT 4A PLAT 83-277 SEC 5 T19N R5E	1/2" REBAR	213841.0800	148045.7900			
PC LOT 5A PLAT 83-277 SEC 5 T19N R5E	5/8" REBAR	213985.7820	148062.6850			
PT LOT 5A PLAT 83-277 SEC 5 T19N R5E	5/8" REBAR	214174.4580	147995.3380			
NE LOT 5A PLAT 83-277 SEC 5 T19N R5E	5/8" REBAR	214338.0690	148016.1830			
SHEET 19						
1/4 COR SECS 5 & 4 T19N R5E	SPIKE	215309.6842	148473.9702			
SHEET 20						
1/4 COR SECS 4 & 3 T19N R5E	BRASS CAP [GLO]	215426.1916	153739.2148			
SHEET 21						
COR SECS 33,34 T20N & 4,3 T19N R5E	BRASS CAP [GLO]	218061.5646	153676.9435			
SHEET 22						
1/4 COR SEC 34 T20N & SEC 3 T19N R5E	BRASS CAP [GLO]	218119.1960	156317.0328			
COR SECS 34,35 T20N & SECS 3,2 T19N R5E	BRASS CAP [GLO]	218174.6298	158962.1785			
SHEET 23						
BT TO 1/4 COR SEC 34 & 35 T20N R5E	BEARING TREE	220811.4000	158872.3000			
SHEET 24						
1/4 COR SECS 26 & 35 T20N R5E	BRASS CAP [GLO]	223516.3538	161488.6309			
COR BLM LOTS 27,25,44 & 45, PLAT 63-41	BRASS CAP [ADL]	219287.1590	162575.3788			
SHEET 25						
1/4 COR SECS 35 & 36 T20N R5E	BRASS CAP [GLO]	220945.2999	164187.6696			
COR SECS 26,25,35 & 36 T20N R5E	BRASS CAP [GLO]	223583.5392	164125.0234			
SHEET 27						
MEANDER COR SEC 36 T20N R5E & SEC 31 T20N R6E	BRASS CAP [GLO]	223196.9031	169417.7170			
WC 1/4 COR SECS 25 T20N R5E & 30 T20N R6E	BRASS CAP [GLO]	226321.6314	169341.4695			
MEANDER COR SECS 30 & 31 T20N R6E	BRASS CAP [GLO]	223751.2757	170971.7050			
OTHERS						
1/4 COR SECS 24 & 25 T20N R5E	BRASS CAP [GLO]	228927.2190	166639.6287			
COR SECS 24,25 T20N R5E & SECS 19,30 T20N R6E	BRASS CAP [GLO]	228989.9827	169280.1269			
MEANDER COR SECS 30 & 31 T20N R6E	BRASS CAP [GLO]	223787.2853	172457.6139			
COR SECS 30,29,31 & 32 T20N R6E	BRASS CAP [GLO]	223837.9286	174401.2826			
1/4 COR SECS 30 & 29 T20N R6E	BRASS CAP [GLO]	226474.4654	174332.0777			
COR SECS 19,20,30 & 29 T20N R6E	BRASS CAP [GLO]	229113.3800	174260.3024			
PC L6 BLK 1 PLAT 77-86 SEC 5 T19N R5E	5/8" REBAR	214616.2030	148051.4720			
BT TO COR SECS 33,32 T20N & 4,5 T19N R5E	BEARING TREE	217978.5000	148458.9000			
BT TO COR SECS 33,32 T20N & 4,5 T19N R5E	BEARING TREE	217929.3000	148383.7000			



2015-116
Plat #
311 Palmer
Rec Dist
2-13 2015
Date
Time 1:44 PM

PALMER RECORDING DISTRICT

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES RECORD OF SURVEY RIGHT OF WAY BASE MAP ALASKA PROJECT AK DOT 135(1) STATE PROJECT No. 55967 GLENN HIGHWAY MP 66.5 TO 80 RECONSTRUCTION			
DRAWN	GEL	DATE	APRIL 2010
CHECKED	JHS/KMS	DATE	JANUARY 2015
SCALE	N/A	SHEET	31 OF 31

DATE	REVISIONS	BY			