

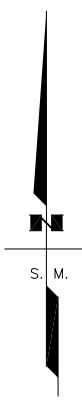
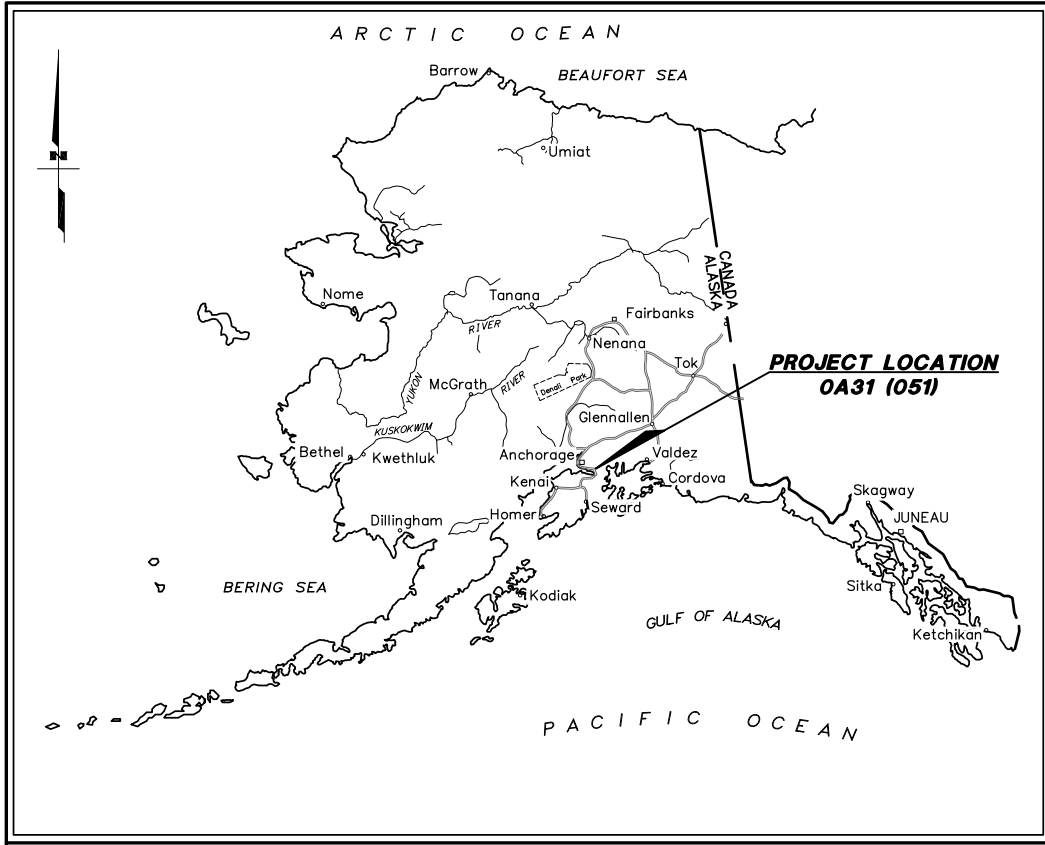
PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
0A31 (051)	R1	R20

LATEST REVISION _____

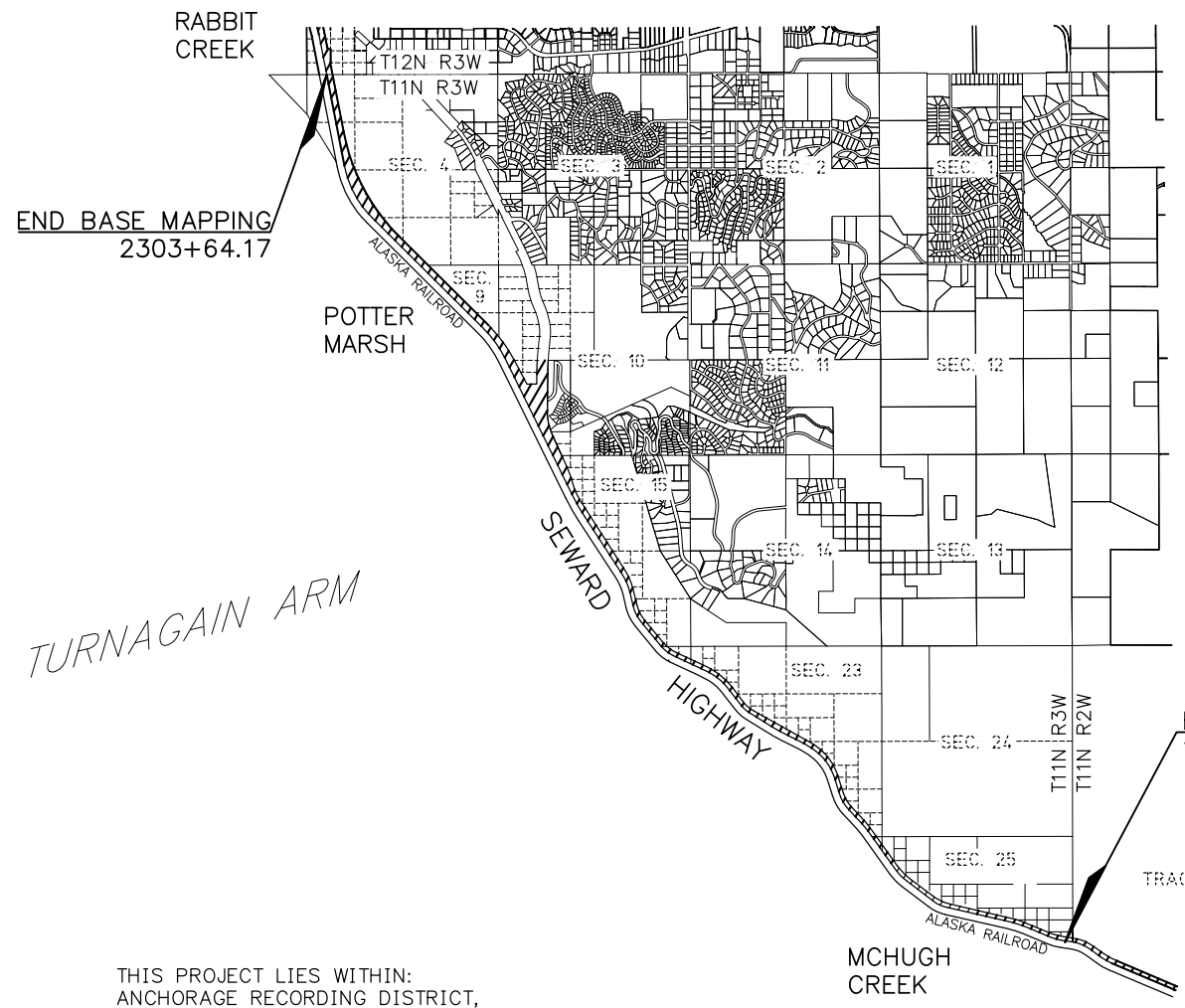
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES

DRAFT 12/5/2014

RIGHT OF WAY BASE MAP ALASKA PROJECT **SEWARD HIGHWAY RIGHT OF WAY STUDY MP 111-117.5 0A31 (051) 59765**



PROJECT LENGTH 6.27 MI.
SCALE 1" = 2640'



THIS PROJECT LIES WITHIN:
ANCHORAGE RECORDING DISTRICT,
SECTIONS: 4, 9, 10, 15, 22, 23, 25 26,
T11N, R3W, SEWARD MERIDIAN, ALASKA

ACQUISITION DATES:
CONSTRUCTION DATES:

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 _____ 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.

____ DATE _____ REGISTRATION NUMBER _____
GENE E. LEQUIRE

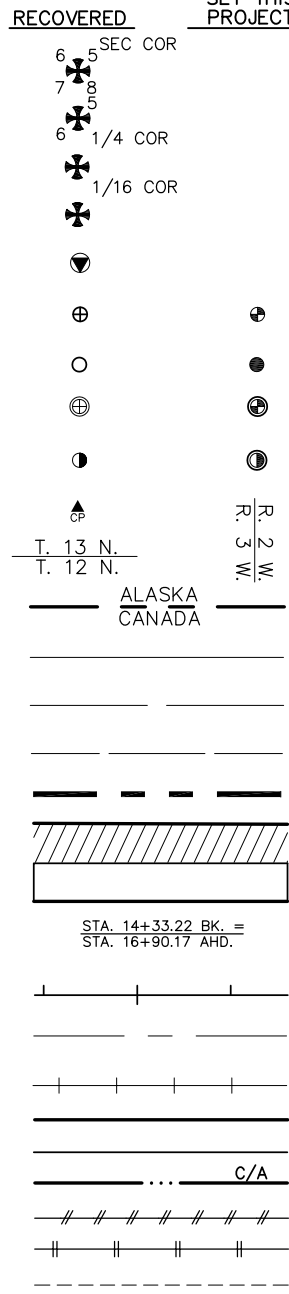
DEPARTMENT OF
TRANSPORTATION & PUBLIC FACILITIES
APPROVED _____, 20____
Date
REGIONAL CHIEF R/W AGENT

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

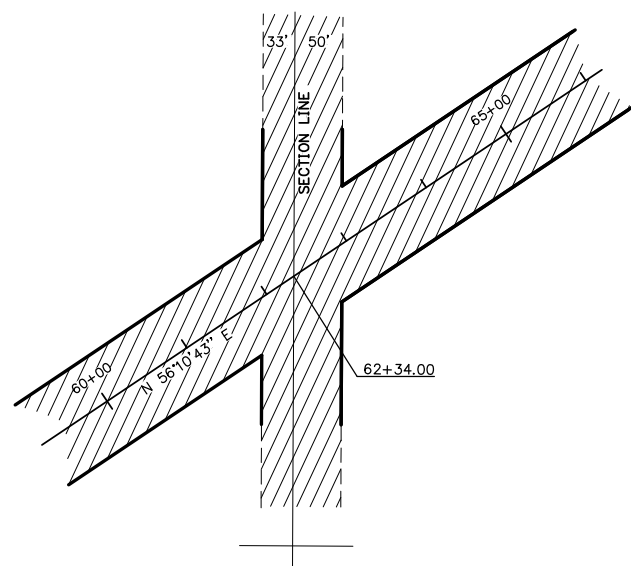
ANCHORAGE RECORDING DISTRICT
STATE BUSINESS-NO FEE

RIGHT OF WAY

- FED. GOV'T SECTION CORNER
- FED. GOV'T 1/4 SECTION CORNER
- FED. GOV'T 1/16 SECTION CORNER
- FED. GOV'T SURVEY MONUMENT
- GOV'T CONTROL STA.
- PRIMARY MONUMENT (BRASS/AL CAP)
- MISC. SECONDARY CORNER
- PRIMARY CENTERLINE MONUMENT
- SECONDARY CENTERLINE MONUMENT
- CONTROL POINT
- TOWNSHIP & RANGE LINE
- INTERNATIONAL BOUNDARY LINE
- SECTION LINE
- 1/4 SECTION LINE
- 1/16 SECTION LINE
- CORPORATE or CITY LIMITS
- EXISTING RIGHT-OF-WAY
- RIGHT-OF-WAY OR EASEMENT REQUIRED
- STATION EQUATION
- PROJECT CENTERLINE
- EXISTING CENTERLINE
- RAILROAD CENTERLINE
- PROJECT RIGHT-OF-WAY LINE
- EXISTING PROPERTY LINE
- CONTROLLED ACCESS LINE
- TEMPORARY CONSTRUCTION PERMIT
- TEMPORARY CONSTRUCTION EASEMENT
- EXISTING RIGHT-OF-WAY EASEMENT



SECTION LINE EASEMENT AND SECTION LINE-CENTERLINE INTERSECTION



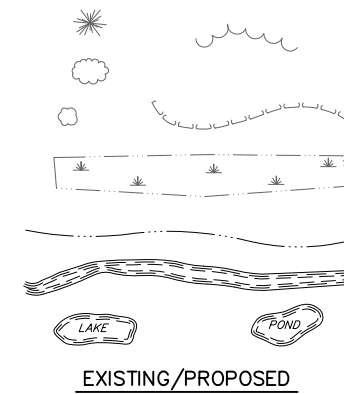
RIGHT OF WAY

- EXISTING UTILITY EASEMENT
- PROPOSED UTILITY EASEMENT
- UTILITIES**
- PIPELINES:
 - EXISTING PROPOSED
 - STORM DRAIN
 - MANHOLE STORM DRAIN
 - CURB INLET CATCH BASIN
 - FIELD INLET CATCH BASIN
 - PIPE CULVERT w/ END SECTION
 - CLEANOUT
 - SANITARY SEWER
 - MANHOLE SANITARY SEWER
 - SEPTIC VENTS
 - WATER
 - FIRE HYDRANT
 - WELL
 - VALVE OR RISER
 - WATER SERVICE CONNECT
 - NATURAL GAS
 - OIL OR GASOLINE PIPELINE
 - ELECTRIC
 - UTILITY POLE
 - UTILITY POLE WITH LUMINAIRE
 - GUY POLE
 - GUY WIRE ANCHOR
 - TRANSMISSION TOWER [WOOD]
 - TRANSMISSION TOWER [STEEL]
 - ELECTRICAL PEDESTAL
 - ELECTRICAL TRANSFORMER
 - ELECTRIC METER
 - ELECTRICAL OUTLET
 - ELECTRIC MANHOLE
 - TELEPHONE
 - TELEPHONE PEDESTAL
 - TELEPHONE MANHOLE
 - FIBER OPTIC
 - FIBER OPTIC MANHOLE
 - CABLE TV
 - CABLE T.V. PEDESTAL
 - SATELLITE DISH
 - U.G. DUCT (E, T, FO)

UTILITIES

- EXISTING PROPOSED
- TYPE IA JUNCTION BOX
- TYPE II JUNCTION BOX
- TYPE III JUNCTION BOX
- TYPE IV JUNCTION BOX
- TRAFFIC CONTROLLER
- ELECTROLIER
- HIGHTOWER
- SIGNAL POLE WITH MAST
- PEDESTRIAN PUSH BUTTON
- RURAL BEACON
- SCHOOL ZONE BEACON
- CONIFER TREE OR TREES
- DECIDUOUS TREE OR TREES
- SHRUB OR SHRUBS
- WETLANDS
- CREEK
- RIVER
- LAKE / POND
- DRAINAGE FLOW
- CONTOURS - MAJOR
- CONTOURS - MINOR
- BUILDING
- FOUNDATION
- TANKS
- PLANTER
- PRIVATE/SIGN
- POST/BOLLARDS
- MAILBOX
- TRAFFIC SIGN
- TRAFFIC SIGN, MP/POST #
- VENT
- GAS PUMP
- LANDSCAPE LIGHT

EXISTING TOPOGRAPHY



MISCELLANEOUS

- EXISTING PROPOSED
- BUILDING
- FOUNDATION
- TANKS
- PLANTER
- PRIVATE/SIGN
- POST/BOLLARDS
- MAILBOX
- TRAFFIC SIGN
- TRAFFIC SIGN, MP/POST #
- VENT
- GAS PUMP
- LANDSCAPE LIGHT

ROADWAY

- EXISTING PROPOSED
- ROADWAY OBLITERATION
- LIMIT OF CUT SLOPE
- LIMIT OF FILL SLOPE
- EDGE OF PAVEMENT
- CONCRETE CURB
- CONCRETE CURB & GUTTER
- SIDEWALK
- DRIVEWAY APPROACH
- GRAVEL EDGE
- PATH / TRAIL
- BRIDGE
- TUNNEL
- NOISE BARRIER
- FENCE
- STONE FENCE
- RETAINING WALL
- HEAD & WINGWALLS
- GUARDRAIL
- END SECTION
- PARALLEL GUARDRAIL SECTION
- SPECIAL DITCH
- BOTTOM OF DITCH
- RIPRAP
- BOULDER OR BOULDERS

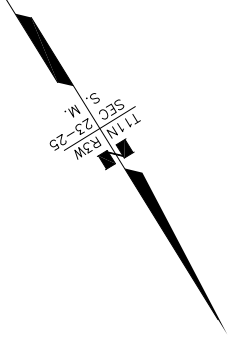
PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
0A31 (051)	R2	R20

ANCHORAGE RECORDING DISTRICT

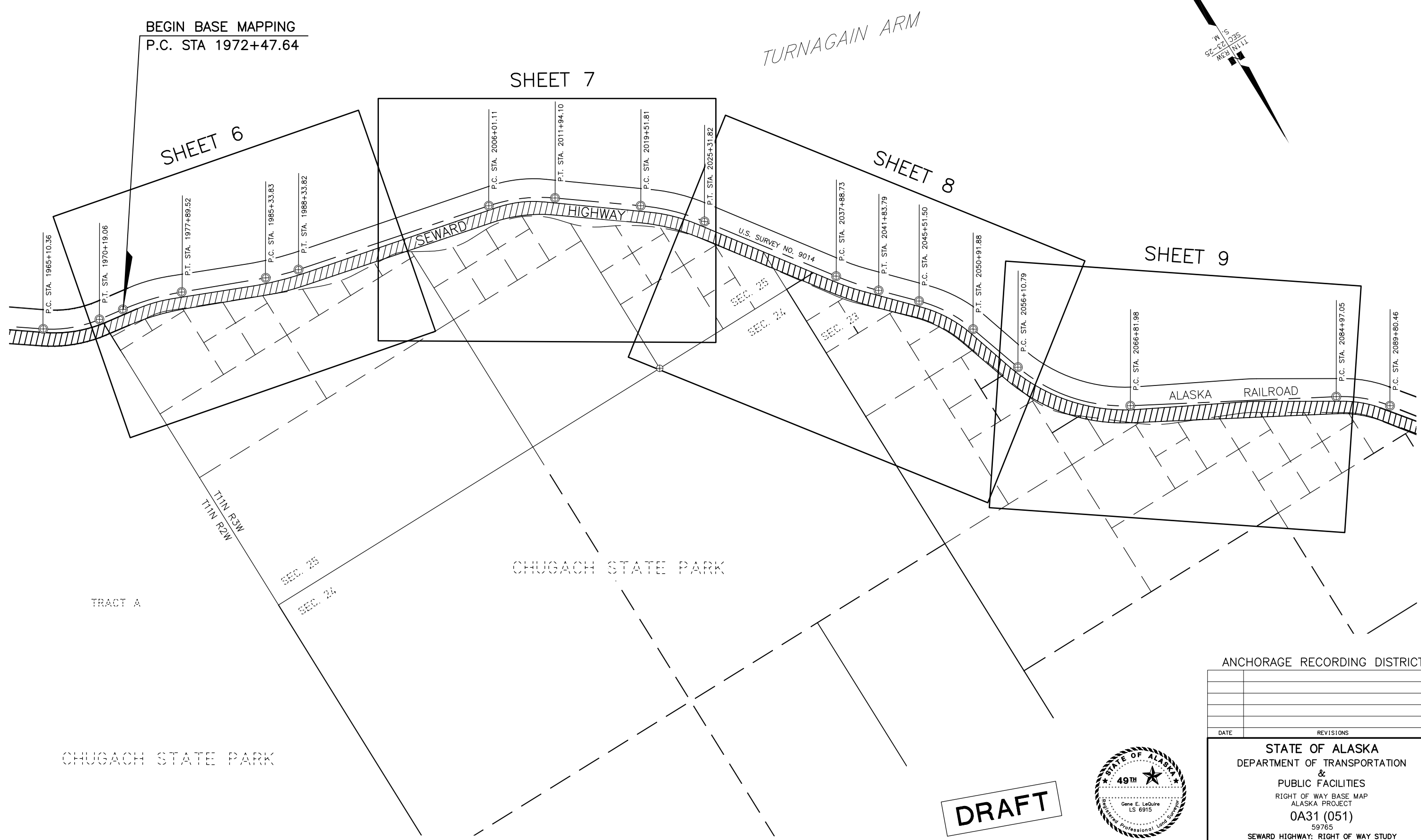
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
RIGHT OF WAY BASE MAP
ALASKA PROJECT
0A31 (051)
59765
SEWARD HIGHWAY: RIGHT OF WAY STUDY
MP 111-117.5

DRAWN	GEL	DATE	12/5/2014	SCALE	N/A
CHECKED	CAW	DATE	12/5/2014	SHEET	2 OF 20

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
0A31 (051)	R3	R20



BEGIN BASE MAPPING
P.C. STA 1972+47.64



TRACT A

CHUGACH STATE PARK

CHUGACH STATE PARK

DRAFT



CONSULTANT RIGHT OF WAY SURVEYORS CERTIFICATE

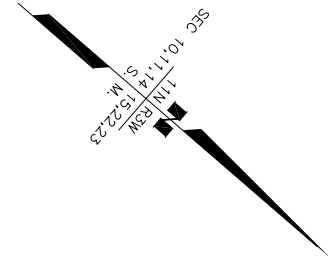
ANCHORAGE RECORDING DISTRICT

DATE REVISIONS BY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY BASE MAP
ALASKA PROJECT
0A31 (051)
59765
SEWARD HIGHWAY: RIGHT OF WAY STUDY
MP 111-117.5

DRAWN	GEL	DATE	12/5/2014	SCALE	1"=400'
CHECKED	CAW	DATE	12/5/2014	SHEET	3 OF 20

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
0A31 (051)	R4	R20



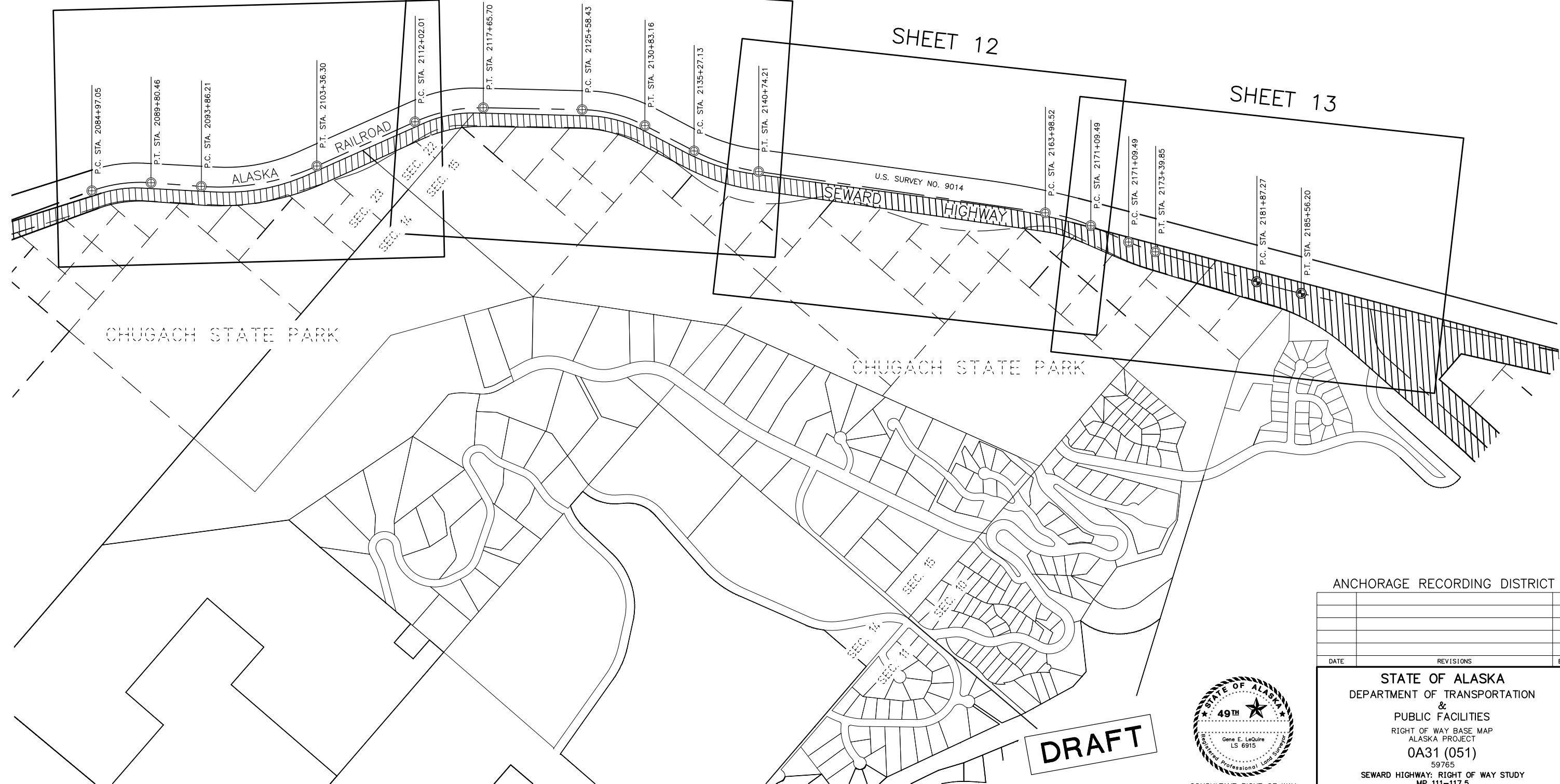
TURNAGAIN ARM

SHEET 10

SHEET 11

SHEET 12

SHEET 13



CHUGACH STATE PARK

CHUGACH STATE PARK

ANCHORAGE RECORDING DISTRICT

DATE	REVISIONS	BY



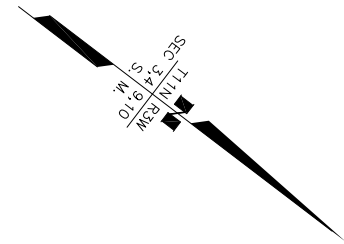
CONSULTANT RIGHT OF WAY SURVEYORS CERTIFICATE

DRAFT

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 &
 PUBLIC FACILITIES
 RIGHT OF WAY BASE MAP
 ALASKA PROJECT
 0A31 (051)
 59765
 SEWARD HIGHWAY: RIGHT OF WAY STUDY
 MP 111-117.5

DRAWN	GEL	DATE	12/5/2014	SCALE	1"=400'
CHECKED	CAW	DATE	12/5/2014	SHEET	4 OF 20

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
0A31 (051)	R5	R20



TURNAGAIN ARM

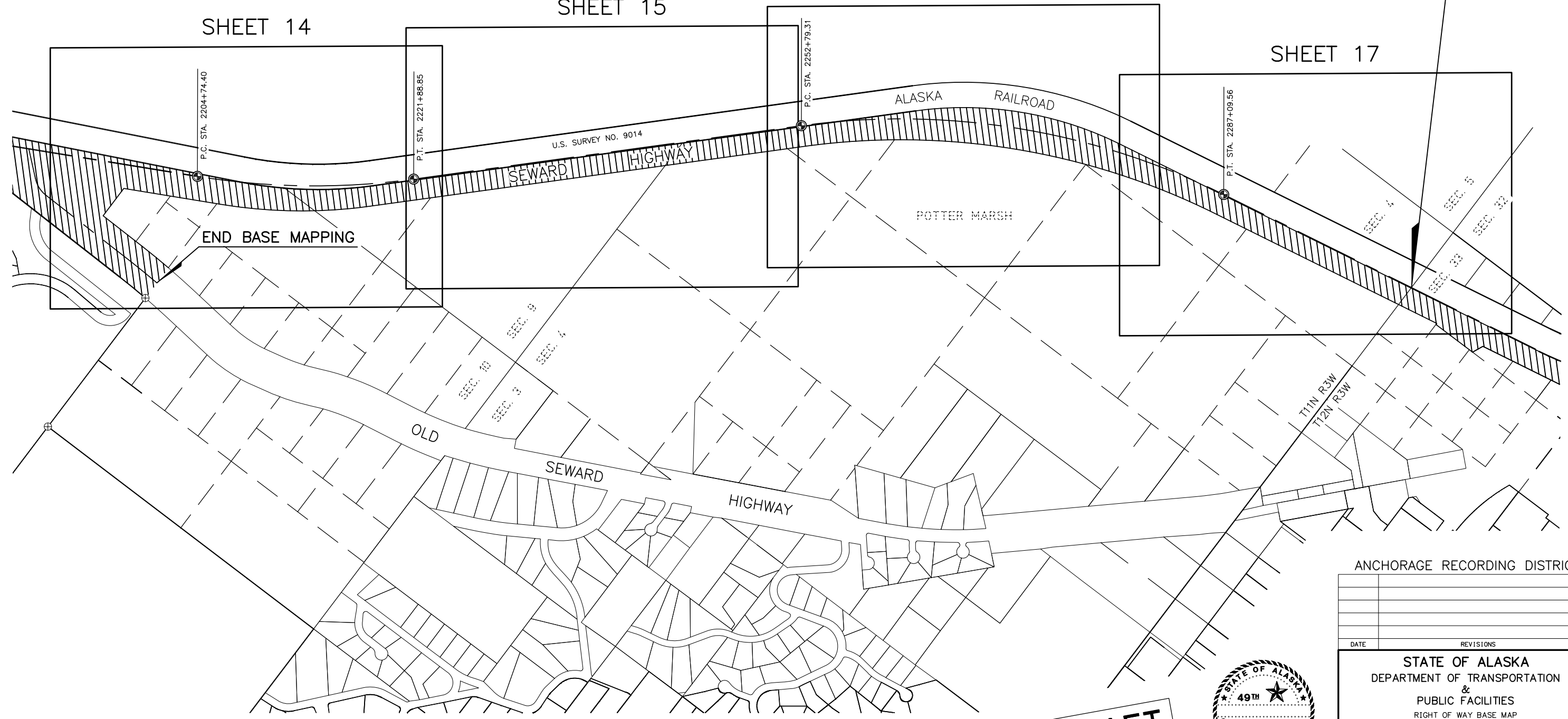
STA 2303+64.17
END BASE MAPPING

SHEET 14

SHEET 15

SHEET 16

SHEET 17



END BASE MAPPING

DRAFT



CONSULTANT RIGHT OF WAY SURVEYORS CERTIFICATE

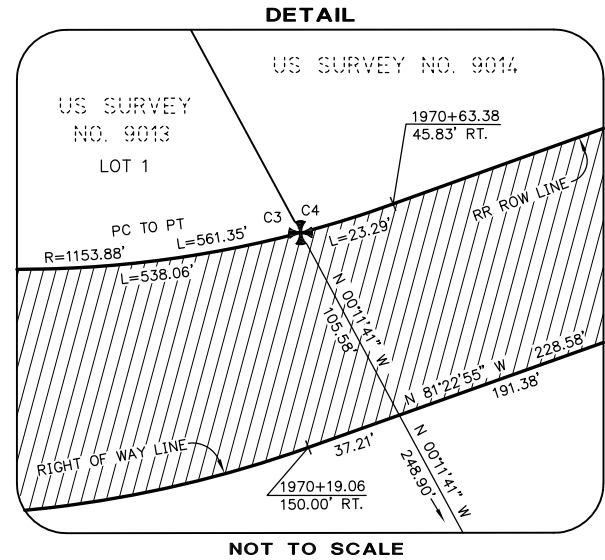
ANCHORAGE RECORDING DISTRICT

DATE	REVISIONS	BY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY BASE MAP
ALASKA PROJECT
0A31 (051)
59765
SEWARD HIGHWAY: RIGHT OF WAY STUDY
MP 111-117.5

DRAWN	GEL	DATE	12/5/2014	SCALE	1"=400'
CHECKED	CAW	DATE	12/5/2014	SHEET	5 OF 20

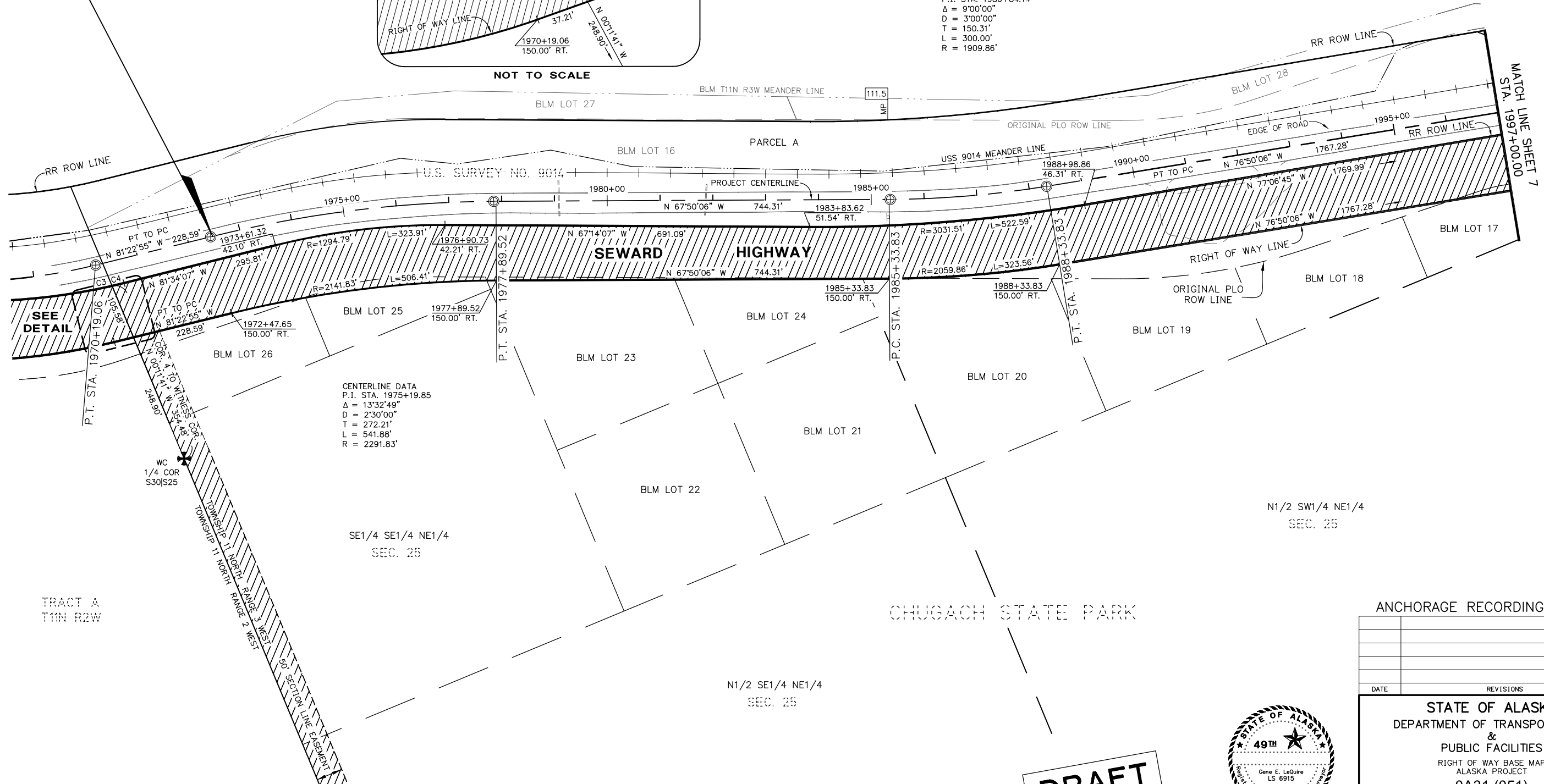
**RIGHT-OF-WAY NOTE:
SEE SHT 18 FOR SOURCE OF
EXISTING ROW**



TURNAGAIN ARM

CENTERLINE DATA
P.I. STA. 1986+84.14
Δ = 9°00'00"
D = 3'00'00"
T = 150.31'
L = 300.00'
R = 1909.86'

BEGIN BASE MAPPING
P.C. STA 1972+47.64



CENTERLINE DATA
P.I. STA. 1975+19.85
Δ = 13°32'49"
D = 2'30'00"
T = 272.21'
L = 541.88'
R = 2291.83'

WC
1/4 COR
S30|S25

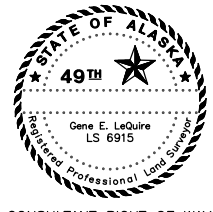
TRACT A
T11N R2W

TOWNSHIP 11 NORTH RANGE 3 WEST
SECTION LINE EASEMENT

CHUGACH STATE PARK

ANCHORAGE RECORDING DISTRICT

DATE	REVISIONS	BY



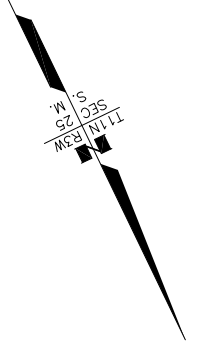
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY BASE MAP
ALASKA PROJECT
0A31 (051)
59765
SEWARD HIGHWAY: RIGHT OF WAY STUDY
MP 111-117.5

DRAFT

NOTE: STATIONS AND OFFSETS ON THIS SHEET ARE TO THE COMPUTED POSITIONS OF RIGHT OF WAY ANGLE POINTS, POINTS OF CURVATURE AND POINTS OF TANGENCY. FOR MONUMENT LOCATIONS, SEE MONUMENT SUMMARY SHEETS 19-20.

DRAWN	GEL	DATE	12/5/2014	SCALE	1"=100'
CHECKED	CAW	DATE	12/5/2014	SHEET	6 OF 20

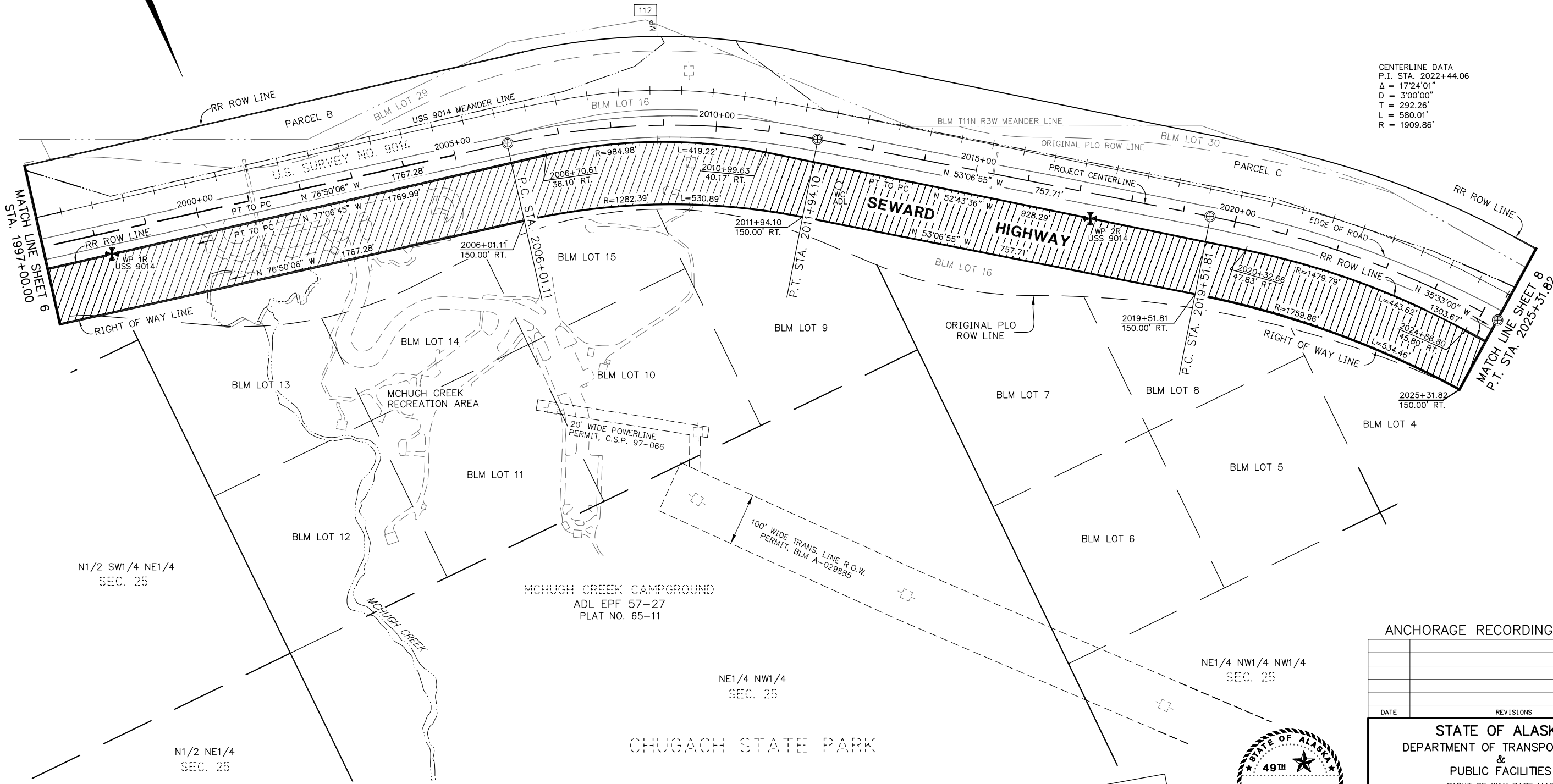
**RIGHT-OF-WAY NOTE:
SEE SHT 18 FOR SOURCE OF
EXISTING ROW**



CENTERLINE DATA
P.I. STA. 2009+01.92
 $\Delta = 23'43'11''$
D = 4'00'00"
T = 300.80'
L = 592.99'
R = 1432.39'

TURNAGAIN ARM

CENTERLINE DATA
P.I. STA. 2022+44.06
 $\Delta = 17'24'01''$
D = 3'00'00"
T = 292.26'
L = 580.01'
R = 1909.86'



MATCH LINE SHEET 6
STA. 1997+00.00

MATCH LINE SHEET 8
P.T. STA. 2025+31.82

DRAFT



ANCHORAGE RECORDING DISTRICT

DATE	REVISIONS	BY

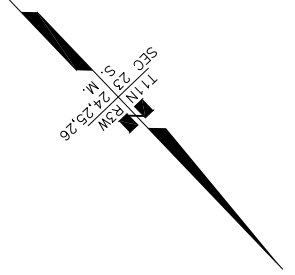
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY BASE MAP
ALASKA PROJECT
OA31 (051)
59765
SEWARD HIGHWAY: RIGHT OF WAY STUDY
MP 111-117.5

DRAWN	GEL	DATE	12/5/2014	SCALE	1"=100'
CHECKED	CAW	DATE	12/5/2014	SHEET	7 OF 20

NOTE: STATIONS AND OFFSETS ON THIS SHEET ARE TO THE COMPUTED POSITIONS OF RIGHT OF WAY ANGLE POINTS, POINTS OF CURVATURE AND POINTS OF TANGENCY. FOR MONUMENT LOCATIONS, SEE MONUMENT SUMMARY SHEETS 19-20.

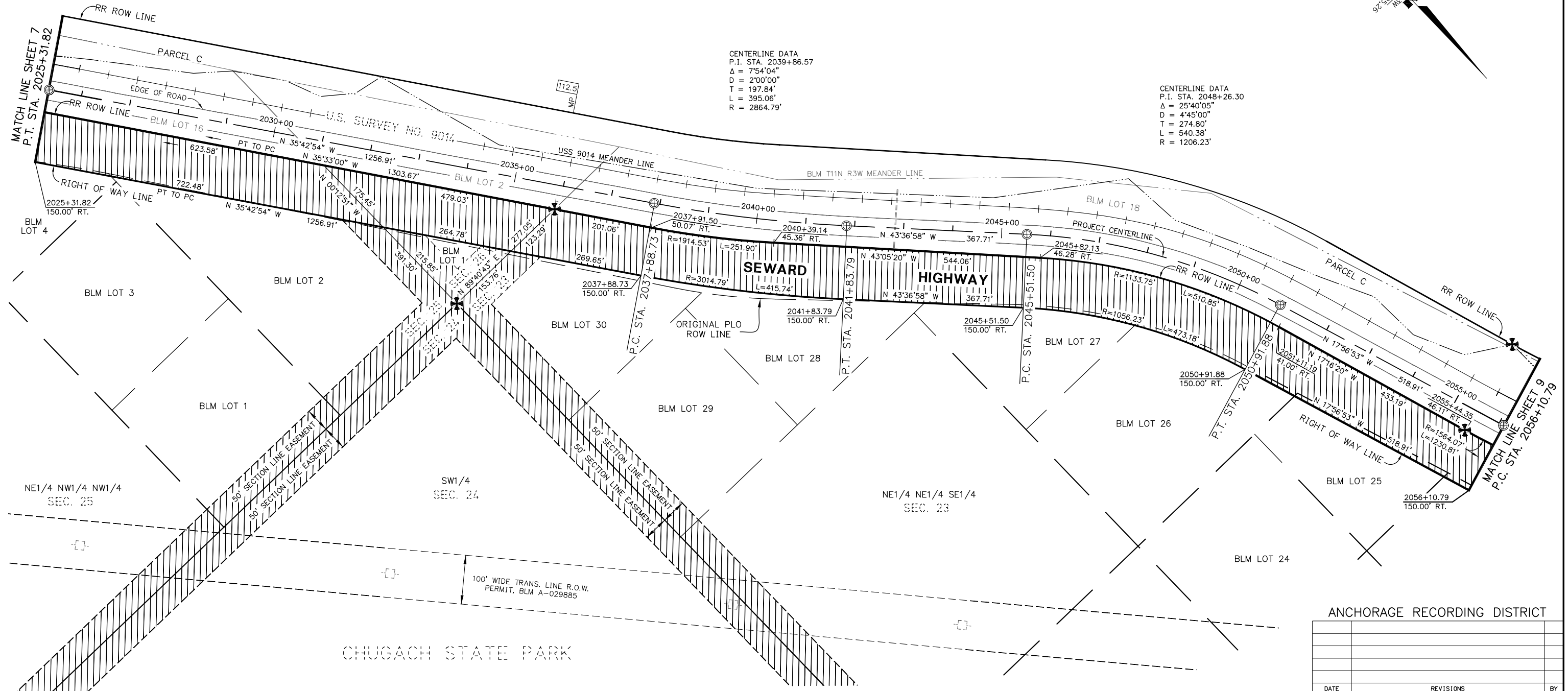
**RIGHT-OF-WAY NOTE:
SEE SHT 18 FOR SOURCE OF
EXISTING ROW**

TURNAGAIN ARM



CENTERLINE DATA
P.I. STA. 2039+86.57
Δ = 7°54'04"
D = 2'00'00"
T = 197.84'
L = 395.06'
R = 2864.79'

CENTERLINE DATA
P.I. STA. 2048+26.30
Δ = 25°40'05"
D = 4'45'00"
T = 274.80'
L = 540.38'
R = 1206.23'



NOTE: STATIONS AND OFFSETS ON THIS SHEET ARE TO THE COMPUTED POSITIONS OF RIGHT OF WAY ANGLE POINTS, POINTS OF CURVATURE AND POINTS OF TANGENCY. FOR MONUMENT LOCATIONS, SEE MONUMENT SUMMARY SHEETS 19-20.

DRAFT



CONSULTANT RIGHT OF WAY SURVEYORS CERTIFICATE

ANCHORAGE RECORDING DISTRICT

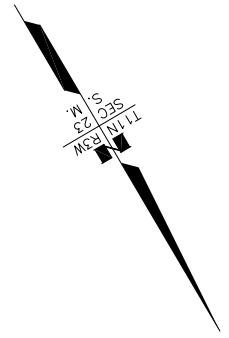
DATE	REVISIONS	BY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY BASE MAP
ALASKA PROJECT
0A31 (051)
59765
SEWARD HIGHWAY: RIGHT OF WAY STUDY
MP 111-117.5

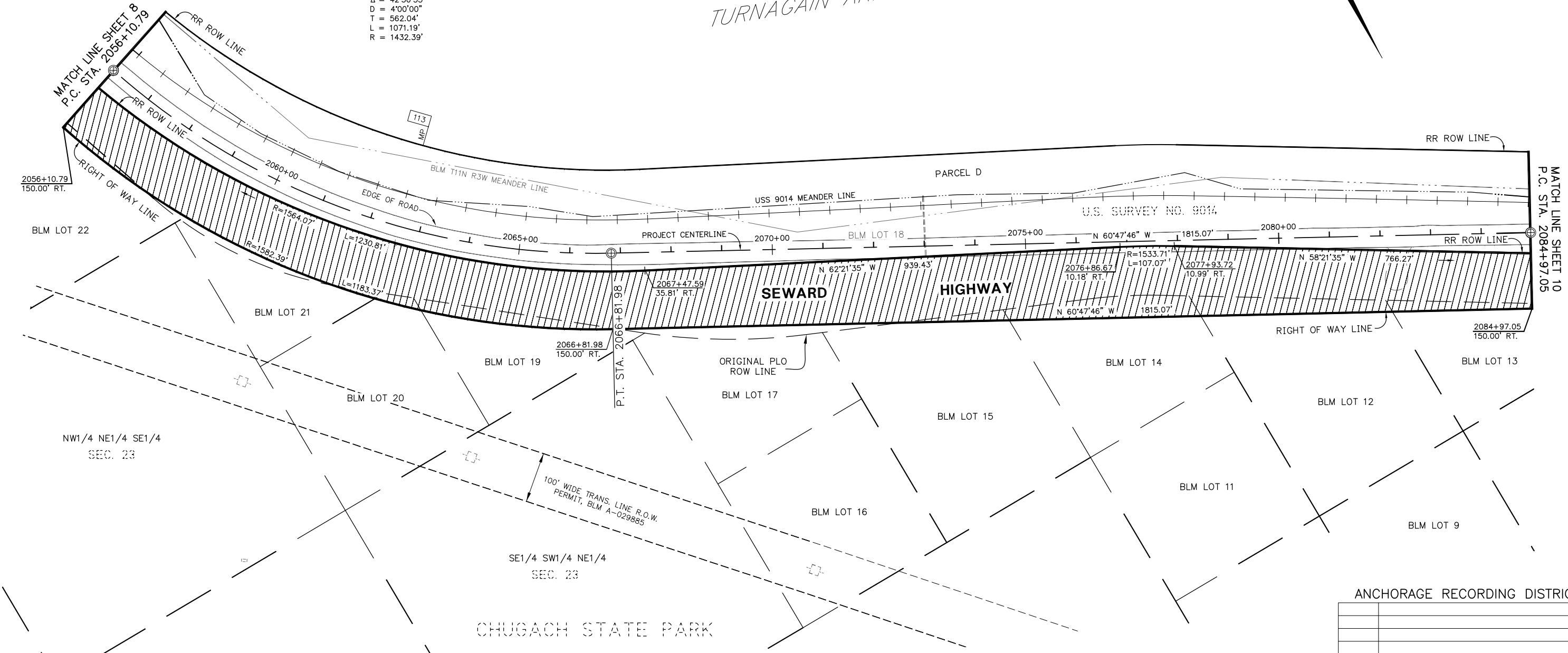
DRAWN	GEL	DATE	12/5/2014	SCALE	1"=100'
CHECKED	CAW	DATE	12/5/2014	SHEET	8 OF 20

**RIGHT-OF-WAY NOTE:
SEE SHT 18 FOR SOURCE OF
EXISTING ROW**

CENTERLINE DATA
P.I. STA. 2061+72.83
 $\Delta = 42^{\circ}50'53''$
 $D = 4^{\circ}00'00''$
 $T = 562.04'$
 $L = 1071.19'$
 $R = 1432.39'$



TURNAGAIN ARM



NW1/4 NE1/4 SE1/4
SEC. 23

SE1/4 SW1/4 NE1/4
SEC. 23
CHUGACH STATE PARK

DRAFT



ANCHORAGE RECORDING DISTRICT

DATE	REVISIONS	BY

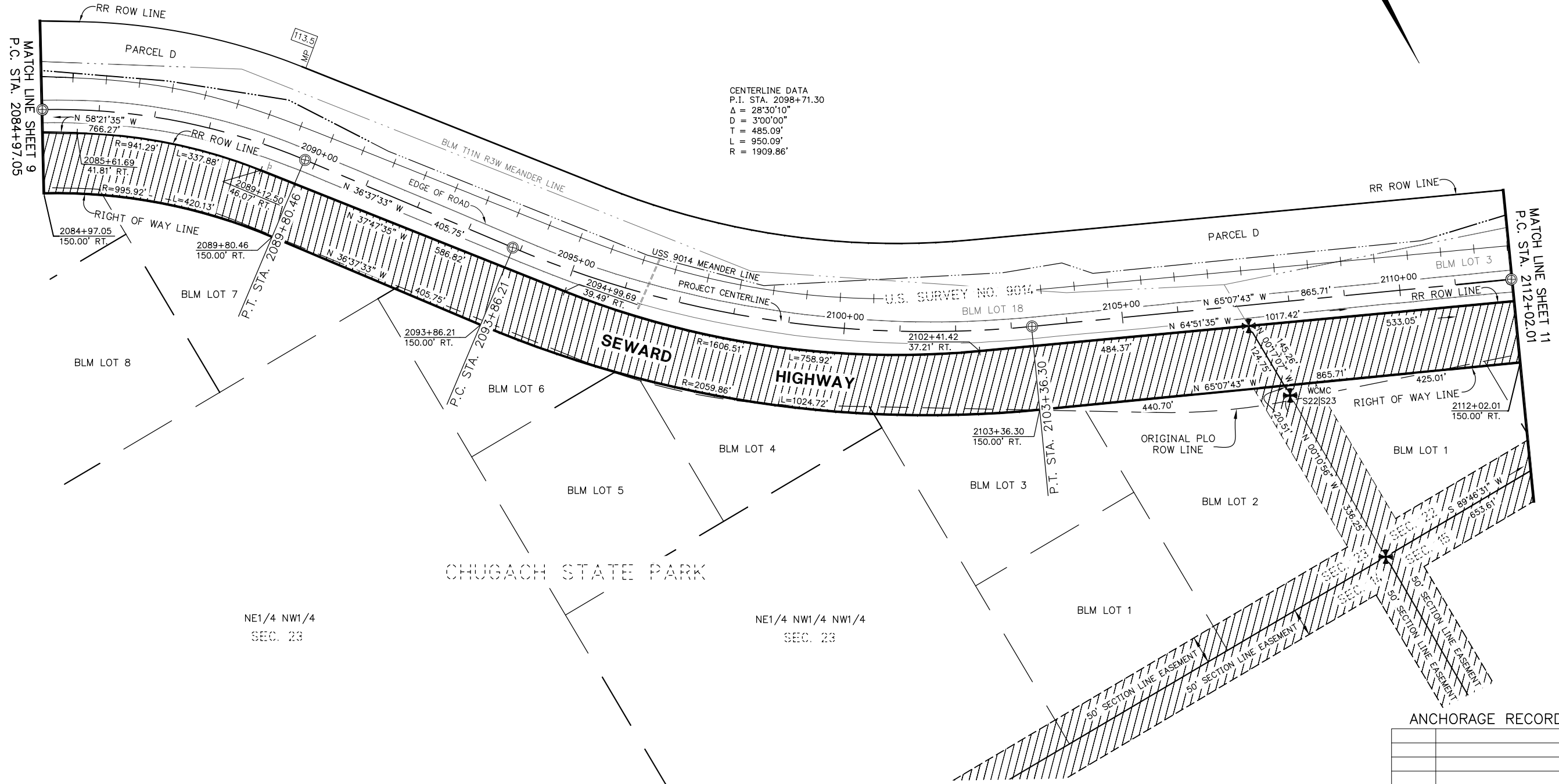
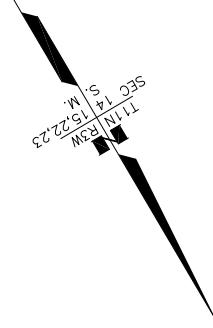
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY BASE MAP
ALASKA PROJECT
0A31 (051)
59765
SEWARD HIGHWAY: RIGHT OF WAY STUDY
MP 111-117.5

DRAWN	GEL	DATE	12/5/2014	SCALE	1"=100'
CHECKED	CAW	DATE	12/5/2014	SHEET	9 OF 20

NOTE: STATIONS AND OFFSETS ON THIS SHEET ARE TO THE COMPUTED POSITIONS OF RIGHT OF WAY ANGLE POINTS, POINTS OF CURVATURE AND POINTS OF TANGENCY. FOR MONUMENT LOCATIONS, SEE MONUMENT SUMMARY SHEETS 19-20.

CENTERLINE DATA
P.I. STA. 2087+42.40
Δ = 24°10'13"
D = 5'00"00"
T = 245.35'
L = 483.41'
R = 1145.92'

CENTERLINE DATA
P.I. STA. 2098+71.30
Δ = 28°30'10"
D = 3'00"00"
T = 485.09'
L = 950.09'
R = 1909.86'



TURNAGAIN ARM

MATCH LINE SHEET 9
P.C. STA. 2084+97.05

MATCH LINE SHEET 11
P.C. STA. 2112+02.01

**RIGHT-OF-WAY NOTE:
SEE SHT 18 FOR SOURCE OF
EXISTING ROW**

NOTE: STATIONS AND OFFSETS ON THIS SHEET ARE TO THE COMPUTED POSITIONS OF RIGHT OF WAY ANGLE POINTS, POINTS OF CURVATURE AND POINTS OF TANGENCY.
FOR MONUMENT LOCATIONS, SEE MONUMENT SUMMARY SHEETS 19-20.

DRAFT



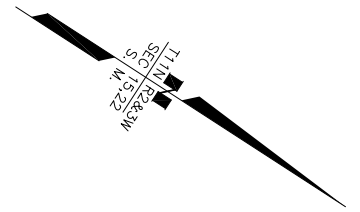
ANCHORAGE RECORDING DISTRICT

DATE	REVISIONS	BY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY BASE MAP
ALASKA PROJECT
0A31 (051)
59765
SEWARD HIGHWAY: RIGHT OF WAY STUDY
MP 111-117.5

DRAWN	GEL	DATE	12/5/2014	SCALE	1"=100'
CHECKED	CAW	DATE	12/5/2014	SHEET	10 OF 20

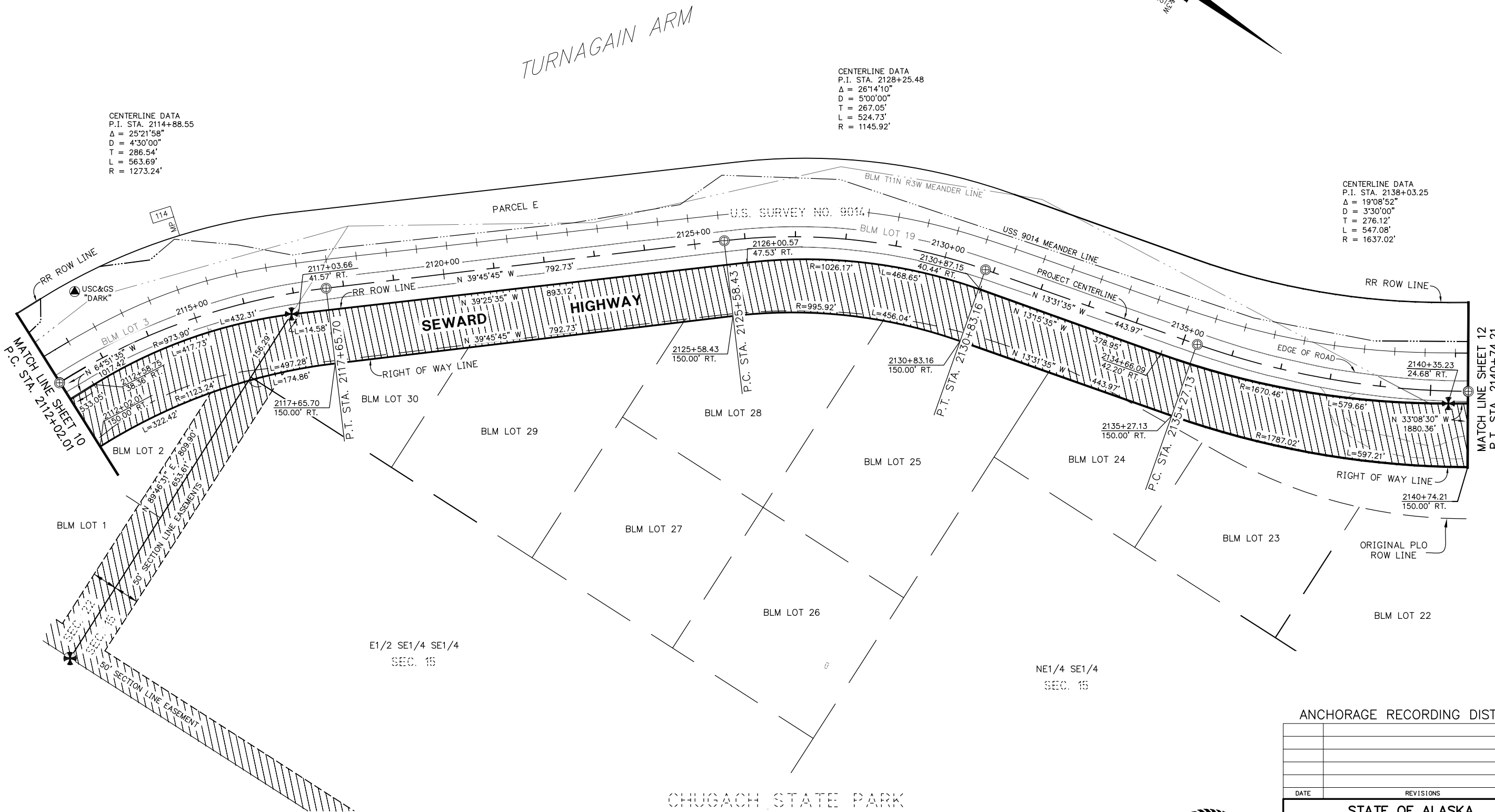
**RIGHT-OF-WAY NOTE:
SEE SHT 18 FOR SOURCE OF
EXISTING ROW**



CENTERLINE DATA
P.I. STA. 2114+88.55
Δ = 25°21'58"
D = 4'30'00"
T = 286.54'
L = 563.69'
R = 1273.24'

CENTERLINE DATA
P.I. STA. 2128+25.48
Δ = 26°14'10"
D = 5'00'00"
T = 267.05'
L = 524.73'
R = 1145.92'

CENTERLINE DATA
P.I. STA. 2138+03.25
Δ = 19°08'52"
D = 3'30'00"
T = 276.12'
L = 547.08'
R = 1637.02'



NOTE: STATIONS AND OFFSETS ON THIS SHEET ARE TO THE COMPUTED POSITIONS OF RIGHT OF WAY ANGLE POINTS, POINTS OF CURVATURE AND POINTS OF TANGENCY. FOR MONUMENT LOCATIONS, SEE MONUMENT SUMMARY SHEETS 19-20.

DRAFT



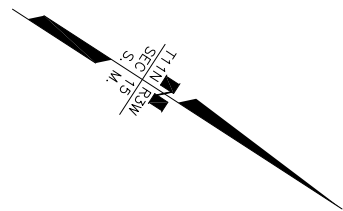
CONSULTANT RIGHT OF WAY SURVEYORS CERTIFICATE

ANCHORAGE RECORDING DISTRICT		
DATE	REVISIONS	BY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY BASE MAP
ALASKA PROJECT
0A31 (051)
59765
SEWARD HIGHWAY: RIGHT OF WAY STUDY
MP 111-117.5

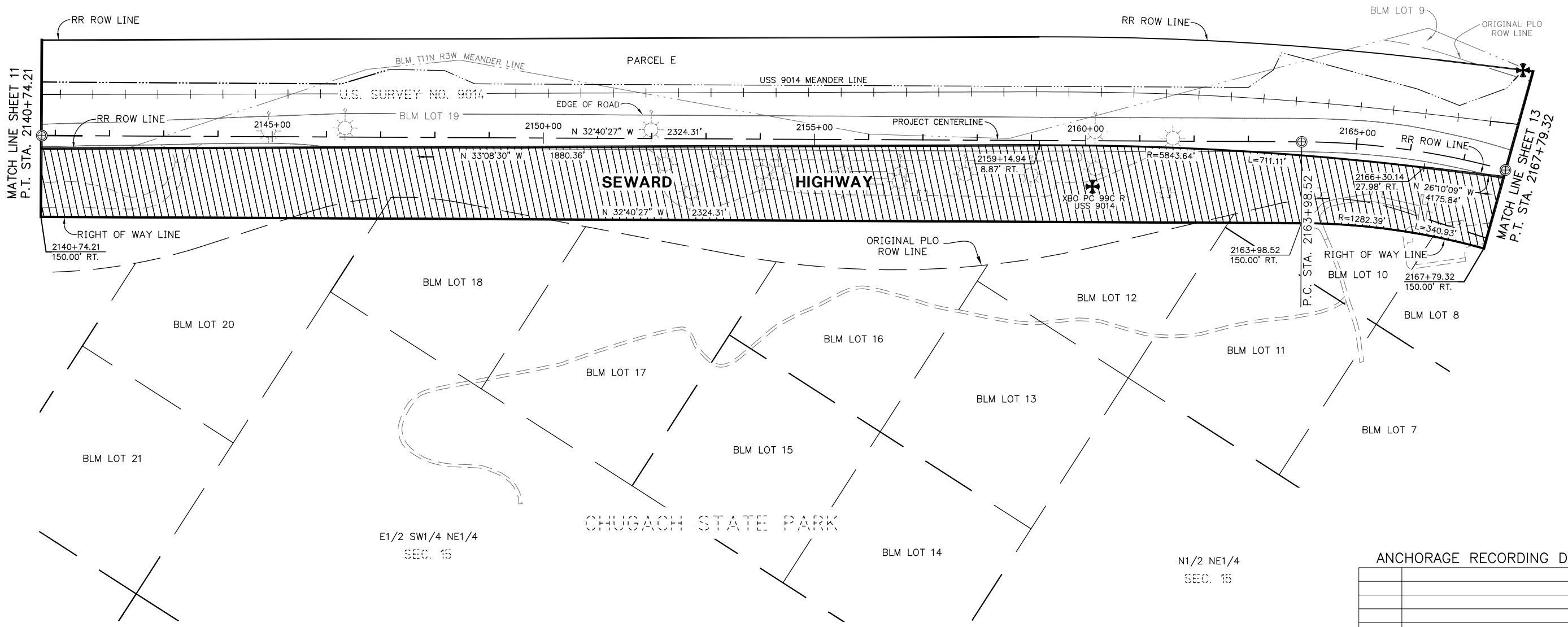
DRAWN	GEL	DATE	12/5/2014	SCALE	1"=100'
CHECKED	CAW	DATE	12/5/2014	SHEET	11 OF 20

**RIGHT-OF-WAY NOTE:
SEE SHT 18 FOR SOURCE OF
EXISTING ROW**



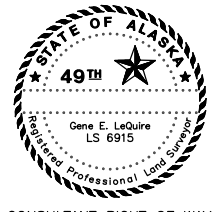
TURNAGAIN ARM

CENTERLINE DATA
P.I. STA. 2165+90.05
 $\Delta = 15'13.56''$
 $D = 4'00.00''$
 $T = 191.53'$
 $L = 380.80'$
 $R = 1432.39'$



NOTE: STATIONS AND OFFSETS ON THIS SHEET ARE TO THE COMPUTED POSITIONS OF RIGHT OF WAY ANGLE POINTS, POINTS OF CURVATURE AND POINTS OF TANGENCY. FOR MONUMENT LOCATIONS, SEE MONUMENT SUMMARY SHEETS 19-20.

DRAFT



CONSULTANT RIGHT OF WAY SURVEYORS CERTIFICATE

ANCHORAGE RECORDING DISTRICT

DATE	REVISIONS	BY

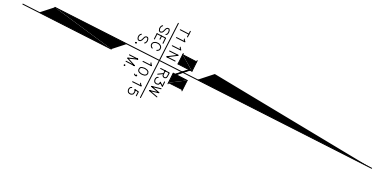
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY BASE MAP
ALASKA PROJECT
0A31 (051)
59765
SEWARD HIGHWAY: RIGHT OF WAY STUDY
MP 111-117.5

DRAWN	GEL	DATE	12/5/2014	SCALE	1"=100'
CHECKED	CAW	DATE	12/5/2014	SHEET	12 OF 20

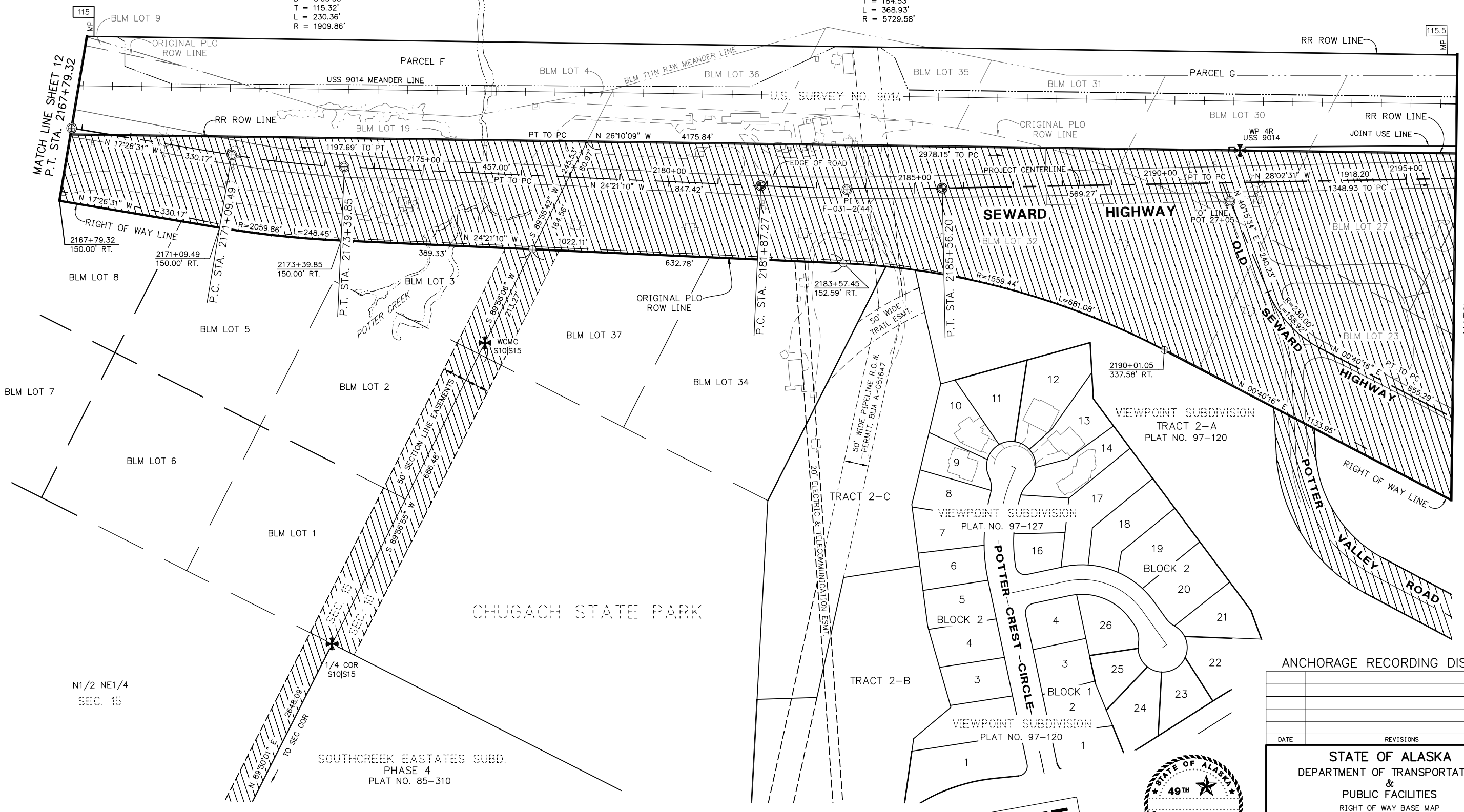
**RIGHT-OF-WAY NOTE:
SEE SHT 18 FOR SOURCE OF
EXISTING ROW**

CENTERLINE DATA
P.I. STA. 2172+24.81
Δ = 6°54'39"
D = 3'00'00"
T = 115.32'
L = 230.36'
R = 1909.86'

CENTERLINE DATA
P.I. STA. 2183+71.80
Δ = 3°41'21"
D = 1'00'00"
T = 184.53'
L = 368.93'
R = 5729.58'



TURNAGAIN ARM



N1/2 NE1/4
SEC. 15

SOUTHCREEK EASTATES SUBD.
PHASE 4
PLAT NO. 85-310

DRAFT



CONSULTANT RIGHT OF WAY
SURVEYORS CERTIFICATE

ANCHORAGE RECORDING DISTRICT

DATE	REVISIONS	BY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY BASE MAP
ALASKA PROJECT
0A31 (051)
59765
SEWARD HIGHWAY: RIGHT OF WAY STUDY
MP 111-117.5

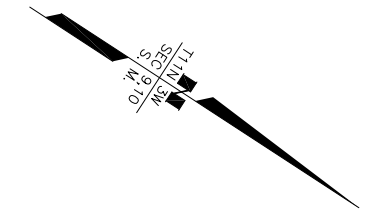
DRAWN	GEL	DATE	12/5/2014	SCALE	1"=100'
CHECKED	CAW	DATE	12/5/2014	SHEET	13 OF 20

NOTE: STATIONS AND OFFSETS ON THIS SHEET ARE TO THE COMPUTED POSITIONS OF RIGHT OF WAY ANGLE POINTS, POINTS OF CURVATURE AND POINTS OF TANGENCY. FOR MONUMENT LOCATIONS, SEE MONUMENT SUMMARY SHEETS 19-20.

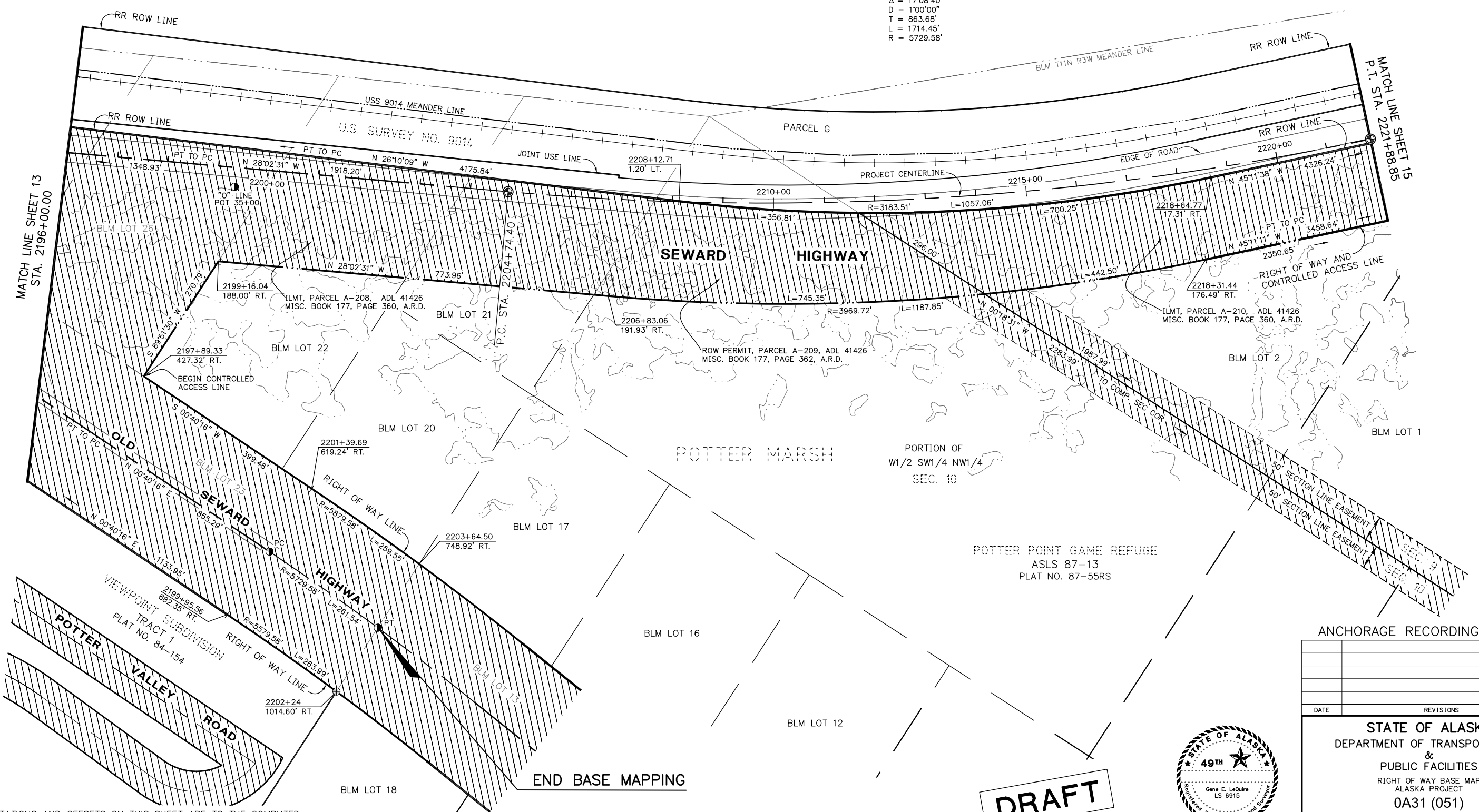
**RIGHT-OF-WAY NOTE:
SEE SHT 18 FOR SOURCE OF
EXISTING ROW**

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
0A31 (051)	R14	R20

TURNAGAIN ARM



CENTERLINE DATA
P.I. STA. 2213+38.08
Δ = 17°08'40"
D = 1'00'00"
T = 863.68'
L = 1714.45'
R = 5729.58'



NOTE: STATIONS AND OFFSETS ON THIS SHEET ARE TO THE COMPUTED POSITIONS OF RIGHT OF WAY ANGLE POINTS, POINTS OF CURVATURE AND POINTS OF TANGENCY. FOR MONUMENT LOCATIONS, SEE MONUMENT SUMMARY SHEETS 19-20.

DRAFT



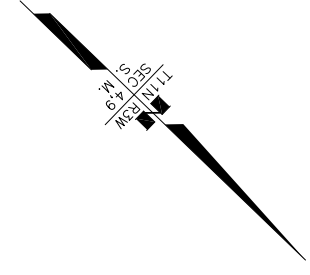
CONSULTANT RIGHT OF WAY SURVEYORS CERTIFICATE

ANCHORAGE RECORDING DISTRICT		
DATE	REVISIONS	BY

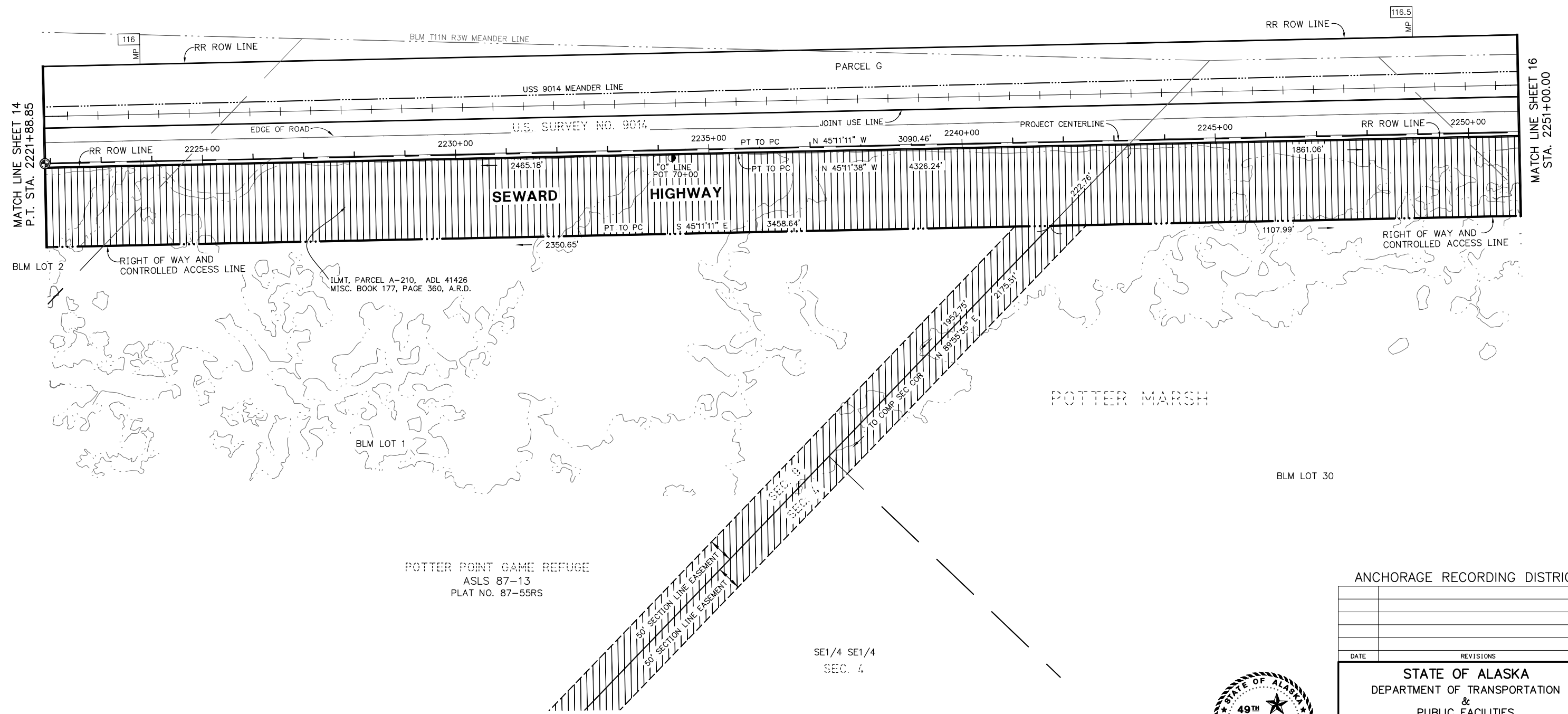
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY BASE MAP
ALASKA PROJECT
0A31 (051)
59765
SEWARD HIGHWAY: RIGHT OF WAY STUDY
MP 111-117.5

DRAWN	GEL	DATE	12/5/2014	SCALE	1"=100'
CHECKED	CAW	DATE	12/5/2014	SHEET	14 OF 20

**RIGHT-OF-WAY NOTE:
SEE SHT 18 FOR SOURCE OF
EXISTING ROW**



TURNAGAIN ARM



MATCH LINE SHEET 14
P.T. STA. 2221+88.85

MATCH LINE SHEET 16
STA. 2251+00.00

DRAFT



CONSULTANT RIGHT OF WAY
SURVEYORS CERTIFICATE

ANCHORAGE RECORDING DISTRICT

DATE	REVISIONS	BY

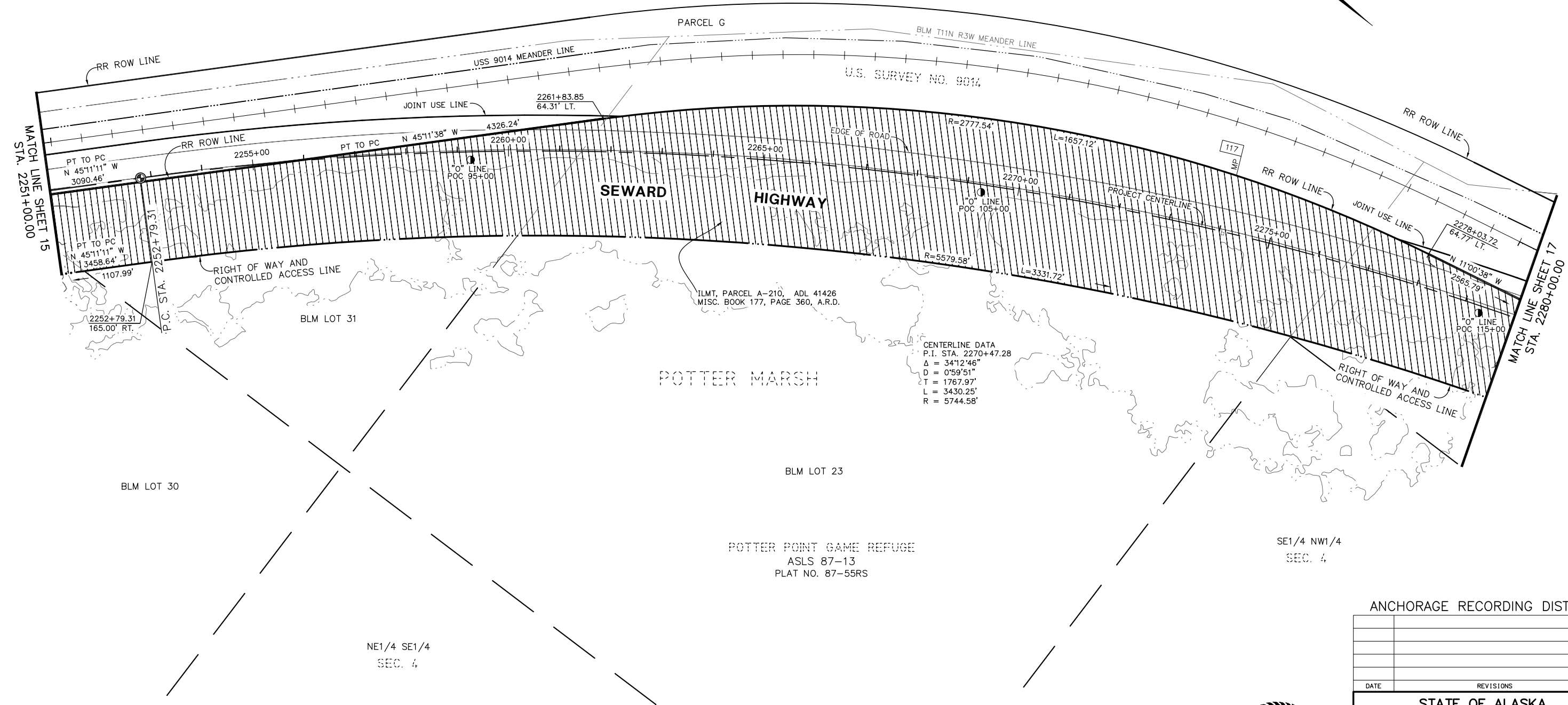
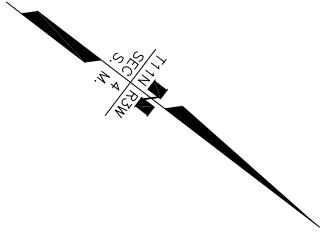
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY BASE MAP
ALASKA PROJECT
0A31 (051)
59765
SEWARD HIGHWAY: RIGHT OF WAY STUDY
MP 111-117.5

DRAWN	GEL	DATE	12/5/2014	SCALE	1"=100'
CHECKED	CAW	DATE	12/5/2014	SHEET	15 OF 20

NOTE: STATIONS AND OFFSETS ON THIS SHEET ARE TO THE COMPUTED POSITIONS OF RIGHT OF WAY ANGLE POINTS, POINTS OF CURVATURE AND POINTS OF TANGENCY. FOR MONUMENT LOCATIONS, SEE MONUMENT SUMMARY SHEETS 19-20.

**RIGHT-OF-WAY NOTE:
SEE SHT 18 FOR SOURCE OF
EXISTING ROW**

TURNAGAIN ARM



CENTERLINE DATA
P.I. STA. 2270+47.28
 $\Delta = 34^{\circ}12'46''$
 $D = 0^{\circ}59'51''$
 $T = 1767.97'$
 $L = 3430.25'$
 $R = 5744.58'$

DRAFT



CONSULTANT RIGHT OF WAY
SURVEYORS CERTIFICATE

ANCHORAGE RECORDING DISTRICT

DATE	REVISIONS	BY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY BASE MAP
ALASKA PROJECT
0A31 (051)
59765
SEWARD HIGHWAY: RIGHT OF WAY STUDY
MP 111-117.5

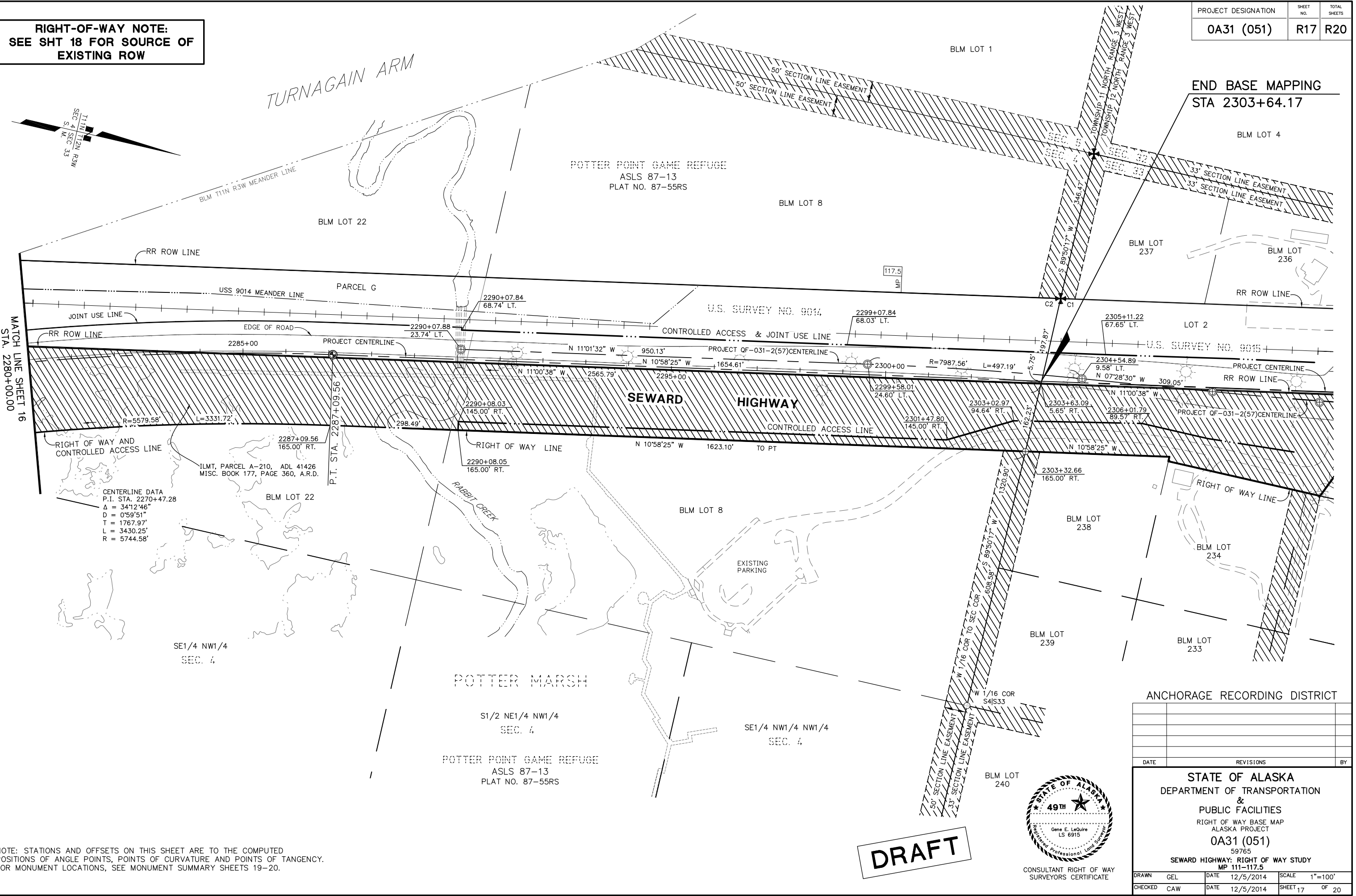
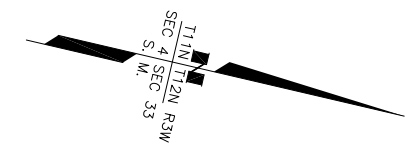
DRAWN	GEL	DATE	12/5/2014	SCALE	1"=100'
CHECKED	CAW	DATE	12/5/2014	SHEET	16 OF 20

NOTE: STATIONS AND OFFSETS ON THIS SHEET ARE TO THE COMPUTED POSITIONS OF RIGHT OF WAY ANGLE POINTS, POINTS OF CURVATURE AND POINTS OF TANGENCY. FOR MONUMENT LOCATIONS, SEE MONUMENT SUMMARY SHEETS 19-20.

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
0A31 (051)	R17	R20

**RIGHT-OF-WAY NOTE:
SEE SHT 18 FOR SOURCE OF
EXISTING ROW**

**END BASE MAPPING
STA 2303+64.17**



MATCH LINE SHEET 16
STA. 2280+00.00

CENTERLINE DATA
P.I. STA. 2270+47.28
Δ = 34°12'46"
D = 0°59'51"
T = 1767.97'
L = 3430.25'
R = 5744.58'

DRAFT



CONSULTANT RIGHT OF WAY
SURVEYORS CERTIFICATE

ANCHORAGE RECORDING DISTRICT

DATE	REVISIONS	BY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY BASE MAP
ALASKA PROJECT
0A31 (051)
59765
SEWARD HIGHWAY: RIGHT OF WAY STUDY
MP 111-117.5

DRAWN	GEL	DATE	12/5/2014	SCALE	1"=100'
CHECKED	CAW	DATE	12/5/2014	SHEET	17 OF 20

NOTE: STATIONS AND OFFSETS ON THIS SHEET ARE TO THE COMPUTED POSITIONS OF ANGLE POINTS, POINTS OF CURVATURE AND POINTS OF TANGENCY. FOR MONUMENT LOCATIONS, SEE MONUMENT SUMMARY SHEETS 19-20.

THE PURPOSE OF THIS DOCUMENT IS TO PROVIDE MAPPING OF THE RIGHT OF WAY PER THE MEMORANDUM OF AGREEMENT DESCRIBED IN NOTE 6.

NOTES

- THE RIGHT OF WAY SURVEYING FOR THIS PROJECT CONSISTS OF A COMPILATION OF VARIOUS SURVEYS FOR AK DOT&PF PROJECTS THROUGHOUT THE CURRENT PROJECT AREA. THESE SURVEYS PERFORMED BY AK DOT&PF CENTRAL REGIONS LOCATIONS SECTION DATE BACK TO 2007 AND HAVE TAKEN PLACE INTERMITTENTLY THROUGH SEPTEMBER 2013. THE EXISTING RAILROAD CENTERLINE LOCATION IS FROM 2005 AND WAS PROVIDED BY THE ALASKA RAILROAD. SURVEYING AND MAPPING FOR AERIAL PHOTOGRAPHY WAS PERFORMED BY R&M CONSULTANTS AND KODIAK MAPPING IN 2013.
- ALL DIMENSIONS AND COORDINATES SHOWN HEREON ARE IN U.S. SURVEY FEET.
- BEARINGS AND DISTANCES NOT FIXED BY RECOVERED MONUMENTATION WERE COMPUTED. LINE WORK MAY NOT TERMINATE AT THE FOUND MONUMENT.
- ALL PLATS AND DOCUMENTS REFERRED TO BY DOCUMENT NUMBER OR BOOK AND PAGE CAN BE FOUND IN THE ANCHORAGE RECORDING DISTRICT (A.R.D.), UNLESS OTHERWISE NOTED.
- TITLE REPORTS WERE NOT PREPARED IN ASSOCIATION WITH THIS BASE MAP. EASEMENTS MAY EXIST THAT ARE NOT SHOWN HEREON.
- A MEMORANDUM OF AGREEMENT (MOA) WAS SIGNED BY THE STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES, THE STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES AND THE ALASKA RAILROAD IN OCTOBER OF 2001. THE MOA IS A DOCUMENT OUTLINING THE COOPERATIVE TERMS OF THE THREE PARTIES LISTED TO WORK IN PARTNERSHIP ON THE SEWARD HIGHWAY PROJECT. THERE ARE OFTEN AREAS OF JOINT USE WITHIN THIS CORRIDOR. THE MOA EXPIRED OCTOBER 2011.
- THE ORIGINAL PLO ROW LINES SHOWN ARE APPROXIMATE AND FOR INFORMATIONAL PURPOSES ONLY.
- RIGHT OF WAY PERMIT, A029885, WAS ISSUED TO CHUGACH ELECTRIC ASSOCIATION FROM THE BLM ON AUGUST 16, 1955. THE CENTERLINE OF THE 100 FOOT WIDE TRANSMISSION LINE RIGHT OF WAY PERMIT WAS ESTABLISHED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.
- THE 50 FOOT WIDE PIPELINE ROW PERMIT (BLM A-051647) LOCATION SHOWN ON SHEET 13 IS APPROXIMATE. FIELD LOCATION OF THE GASLINE BY THE GAS COMPANY WAS ONLY PERFORMED ADJACENT TO THE DOT ROW.
- THE 100 FOOT WIDE TRANSMISSION LINE RIGHT OF WAY (A046811) FROM CAMPBELL CREEK TO BIRD POINT BETWEEN BLM AND CHUGACH ELECTRIC EXPIRED ON JUNE 30, 2009.

SOURCE DOCUMENTS FOR EXISTING RIGHT-OF-WAY

THE SEWARD HIGHWAY AND ALASKA RAILROAD RIGHT OF WAY CORRIDORS DEPICTED HEREON WERE DETERMINED FROM THE FOLLOWING PLANS AND DOCUMENTS	
SHEET NO.	PLAN, DOCUMENT OR SOURCE OF EXISTING RIGHT OF WAY SHOWN
6-12	PLO 601 AND SECRETARIAL ORDER NO. 2665, ESTABLISHING 300' WIDTH, SEWARD-ANCHORAGE HIGHWAY, 150 FEET EITHER SIDE OF CENTERLINE; 1954 BLM TOWNSHIP 11 NORTH, RANGE 3 WEST SURVEY PLAT AND FIELDNOTES (ORIGINAL PLO RIGHT OF WAY BOUNDARY LINE); STATE OF ALASKA DEPARTMENT OF TRANSPORTATION RIGHT OF WAY MAP, PROJECT NO. HHS-F-031-2(44), SEWARD HIGHWAY, POTTER SOUTH; U.S. SURVEY NO. 9014 (ALASKA RAILROAD)
13	PLO 601 AND SECRETARIAL ORDER NO. 2665, ESTABLISHING 300' WIDTH, SEWARD-ANCHORAGE HIGHWAY, 150 FEET EITHER SIDE OF CENTERLINE; 1954 BLM TOWNSHIP 11 NORTH, RANGE 3 WEST SURVEY PLAT AND FIELDNOTES (ORIGINAL PLO RIGHT OF WAY BOUNDARY LINE); STATE OF ALASKA DEPARTMENT OF TRANSPORTATION RIGHT OF WAY MAP, PROJECT NO. HHS-F-031-2(44), SEWARD HIGHWAY, POTTER SOUTH; STATE OF ALASKA DEPARTMENT OF HIGHWAYS RIGHT OF WAY MAP, PROJECT NO. HHS-F-031-2(18), POTTER TO NORTHERN LIGHTS BOULEVARD; VIEWPOINT SUBDIVISION, PLAT NO. 84-154 A.R.D. U.S. SURVEY NO. 9014 (ALASKA RAILROAD)
14	PLO 601 AND SECRETARIAL ORDER NO. 2665, ESTABLISHING 300' WIDTH, SEWARD-ANCHORAGE HIGHWAY, 150 FEET EITHER SIDE OF CENTERLINE; STATE OF ALASKA DEPARTMENT OF HIGHWAYS RIGHT OF WAY MAP, PROJECT NO. HHS-F-031-2(18), POTTER TO NORTHERN LIGHTS BOULEVARD; VIEWPOINT SUBDIVISION, PLAT NO. 84-154 A.R.D. INTERAGENCY LAND MANAGEMENT TRANSFER AND RIGHT OF WAY PERMIT, ALASKA DIVISION OF LANDS #41426, MISC. BOOK 177, PAGE 360 A.R.D.; U.S. SURVEY NO. 9014 (ALASKA RAILROAD)
15-16	STATE OF ALASKA DEPARTMENT OF HIGHWAYS RIGHT OF WAY MAP, PROJECT NO. HHS-F-031-2(18), POTTER TO NORTHERN LIGHTS BOULEVARD; INTERAGENCY LAND MANAGEMENT TRANSFER, ALASKA DIVISION OF LANDS #41426, MISC. BOOK 177, PAGE 360 A.R.D.; U.S. SURVEY NO. 9014 (ALASKA RAILROAD)
17	STATE OF ALASKA DEPARTMENT OF HIGHWAYS RIGHT OF WAY MAP, PROJECT NO. HHS-F-031-2(18), POTTER TO NORTHERN LIGHTS BOULEVARD; INTERAGENCY LAND MANAGEMENT TRANSFER, ALASKA DIVISION OF LANDS #41426, MISC. BOOK 177, PAGE 360 A.R.D.; STATE OF ALASKA DEPARTMENT OF TRANSPORTATION RIGHT OF WAY MAP, PROJECT NO. QF-031-2(57), RABBIT CREEK & DEARMOUN INTERCHANGES U.S. SURVEY NO. 9014 (ALASKA RAILROAD) U.S. SURVEY NO. 9015 (ALASKA RAILROAD)

SHEET NO.

DEFINITION OF SEWARD HIGHWAY RIGHT-OF-WAY LINES

- ALL THE SEWARD HIGHWAY PROJECT CENTERLINE SHOWN IS BASED ON RECORD DATA FROM AK DOT&PF PROJECT HHS-F-031-2(44) AND AK DOH PROJECT F-031-2(18). THE CENTERLINE WAS CREATED FROM TIED MONUMENTS IN THE CENTERLINE OF THE HIGHWAY. THE MONUMENTS WERE HELD TO FIX THE TANGENTS AND THE RECORD RADII WERE HELD TO CREATE THE CURVES. AK DOH PROJECT F-031-2(18) HAS TWO CENTERLINES, AN "O" LINE AND AN "L" LINE. "O" LINE MONUMENTS WERE RECOVERED AND HELD TO CREATE THE "L" LINE THAT WAS MERGED WITH THE PROJECT HHS-F-031-2(44) CENTERLINE. THE "O" LINE IS NOT SHOWN HEREON.
- ALL THE ALASKA RAILROAD BOUNDARY WAS CREATED USING RECORD INFORMATION FROM THE U.S. SURVEYS LISTED AND FOUND MONUMENTS. RECORD LINES WERE GRANT ADJUSTED BETWEEN FOUND MONUMENTS AND CURVES WERE FIT BETWEEN THE TANGENTS WITH THE RECORD RADIUS.
- 6-12 THE NORTH HIGHWAY RIGHT OF WAY (ROW) LINE THROUGH CHUGACH STATE PARK WAS ESTABLISHED AT 150 FEET OFF THE PROJECT CENTERLINE PER THE TERMS OF THE "MOA" REFERRED TO IN NOTE 6. THE SOUTH HIGHWAY ROW LINE IS COMMON WITH THE RAILROAD ROW LINE.
- 13 THE NORTH HIGHWAY ROW LINE TO THE P.C. AT CENTERLINE STATION 2181+87.27 WAS ESTABLISHED AT 150 FEET OFF THE PROJECT CENTERLINE PER THE TERMS OF THE "MOA" REFERRED TO IN NOTE 6. THE ROW LINE OF VIEWPOINT SUBDIVISION WAS HELD FOR THE TRANSITIONAL CURVE AS WELL AS THE EAST ROW LINE OF THE OLD SEWARD HIGHWAY. 75 FEET OF THE EAST ROW WAS VACATED BY COMMISSIONER'S DEED IN 1977 BUT WAS DEDICATED BACK TO ROW BY VIEWPOINT SUBDIVISION. THE CENTERLINE OF THE OLD SEWARD HIGHWAY WAS ESTABLISHED BY HOLDING FOUND MONUMENTS FROM VIEWPOINT SUBDIVISION AS WELL AS THE FOUND OLD SEWARD HIGHWAY CENTERLINE MONUMENT FROM AK DOH PROJECT F-031-2(18). THE SOUTH HIGHWAY ROW LINE IS COMMON WITH THE RAILROAD ROW LINE.
- 14 THE WEST ROW LINE OF THE OLD SEWARD HIGHWAY WAS SET AT 150 FEET OFF THE CENTERLINE OF THE OLD SEWARD HWY. THE HIGHWAY ROW AND CONTROLLED ACCESS LINE IS COMMON WITH THE SOUTH LINE OF BLM LOT 22. THE CONTINUING NORTH HIGHWAY ROW AND CONTROLLED ACCESS LINE WAS ESTABLISHED AT 150 FEET OFF THE AK DOH PROJECT F-031-2(18) "O" LINE. THE SOUTH HIGHWAY ROW LINE IS COMMON WITH THE RAILROAD ROW LINE.
- 15 THE NORTH HIGHWAY ROW AND CONTROLLED ACCESS LINE WAS ESTABLISHED AT 150 FEET OFF THE AK DOH PROJECT F-031-2(18) "O" LINE. THE SOUTH HIGHWAY ROW LINE IS COMMON WITH THE RAILROAD ROW LINE.
- 16 THE EAST HIGHWAY ROW AND CONTROLLED ACCESS LINE WAS ESTABLISHED AT 150 FEET OFF THE AK DOH PROJECT F-031-2(18) "O" LINE. THE SOUTH HIGHWAY ROW LINE IS COMMON WITH THE RAILROAD ROW LINE.
- 17 THE EAST HIGHWAY ROW AND CONTROLLED ACCESS LINE TO PROJECT CENTERLINE STATION 2290+08.03 WAS ESTABLISHED AT 150 FEET OFF THE AK DOH PROJECT F-031-2(18) "O" LINE. THE REMAINING EAST HIGHWAY ROW LINE WAS ESTABLISHED AT 150 FEET OFF THE AK DOH PROJECT F-031-2(18) "O" LINE. THE CONTROLLED ACCESS LINES WERE COMPUTED WITH RECORD STATIONS AND OFFSETS FROM PROJECT QF-031-2(57) ROW PLAN SET. THE CONTROLLED ACCESS LINE ON THE WEST SIDE IS ALSO THE JOINT USE LINE BETWEEN AKDOT AND THE ARRC.

DRAFT



CONSULTANT RIGHT OF WAY SURVEYORS CERTIFICATE

ANCHORAGE RECORDING DISTRICT

DATE	REVISIONS	BY

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 RIGHT OF WAY BASE MAP
 ALASKA PROJECT
0A31 (051)
 59765
 SEWARD HIGHWAY: RIGHT OF WAY STUDY
 MP 111-117.5

DRAWN	GEL	DATE	12/5/2014	SCALE	N/A
CHECKED	CAW	DATE	12/5/2014	SHEET	18 OF 20

MONUMENT SUMMARY SHEET

RECOVERED MONUMENTS SHEET 13					
LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET
PC 698+00.22	Fd BC/Bx[DOH]	278835.9705	364647.9763	2171+09.56	0.00
PT 700+30.10	Fd BC/Bx[DOH]	279050.5006	364566.0958	2173+39.33	0.00
1/4 S10/S15 *T11N R3W SM	Fd BC[BLM]	279468.2546	365441.7359	2173+58.84	969.99 RT
WCMC S10/S15 *T11N R3W SM	Fd BC[BLM]	279467.6396	364755.2599	2176+41.35	344.34 RT
CC S10/S15 Viewpoint	Fd AM[949]	279467.5219	364542.0904	2177+29.14	150.09 RT
PC Chugach State Park & Viewpoint	Fd AM[949]	280043.8946	364281.2491	2183+57.28	152.72 RT
PI 710+52.28	Fd AM/Bx[7338]	279982.3757	364144.3063	2183+62.16	2.67 RT
1/4 S10/S11 *T11N R3W SM	Fd BC/Bx[BLM]	282114.9898	368080.2074	2184+65.16	4477.09 RT
PT Tract 2 Viewpoint	Fd AM[949]	280705.7951	364142.4262	2190+01.48	337.82 RT
POTTER VALLEY RD	Fd BC/Bx[DOH]	280687.6273	363812.4084	2191+40.59	38.00 RT
WP 4R USS 9014	Fd AM[BLM]	280658.6476	363710.7253	2191+62.82	65.37 LT

RECOVERED MONUMENTS SHEET 16					
LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET
POC 95+00.00 Seward Highway	Fd BC	285886.4157	359520.9189	2259+25.77	15.69 RT
POC 105+00.00 Seward Highway	Fd BC	286716.1162	358965.8922	2269+27.94	14.99 RT
POC 115+00.00 Seward Highway	Fd BC	287630.5817	358562.9513	2279+31.08	14.31 RT

RECOVERED MONUMENTS SHEET 14					
LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET
C 1/4 S10 *T11N R3W SM	Fd AM[949]	282106.7837	365439.5940	2196+28.18	2141.33 RT
POT 35+00.00 Seward Highway	Fd BC	281388.9671	363438.8408	2199+35.22	38.00 RT
PC Old Seward Hwy	Fd Rbr/AC	281840.9227	364005.7103	2200+67.62	750.79 RT
NW Tract 2 Viewpoint	Fd AM[949]	282102.9644	364165.0508	2202+23.99	1014.62 RT
PT Old Seward Hwy	Fd Rbr/AC	282102.2787	364014.8348	2202+94.01	881.71 RT
1/4 S3 S10 *T11N R3W SM	Fd BM[BLM]	284744.4245	365437.0444	2213+99.11	3499.01 RT
W 1/16 S3/S10 *T11N R3W SM	Fd BC[BLM]	284734.0647	364122.4868	2219+49.71	2484.79 RT

RECOVERED MONUMENTS SHEET 17					
LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET
BOP 3+00.00	Fd AM/Bx[7338]	288666.2150	358269.8663	2290+07.88	23.74 LT
PC 1249+00.00	Fd AM/Bx[7338]	289597.7779	358088.3578	2299+56.96	24.60 LT
SW COR L240	Fd Rbr/AC[6716]	290004.4200	358811.5488	2302+18.50	762.77 RT
SEWARD HWY ROW/ TOWNSHIP LINE	Fd AM[ADF&G]	290002.9486	358203.2636	2303+32.85	165.33 RT
CC S33 C1 L2 USS 9015 *T11N R3W SM	Fd AM[BLM]	290001.8805	357837.0245	2304+01.52	194.41 LT
PT 17+50.83	Fd AM/Bx[7338]	290092.8173	358007.8771	2304+58.27	9.37 LT
S32 S33/S5 S4 *T12N/T11N R3W SM	Fd BC[BLM]	290000.6895	357490.6555	2304+66.28	534.68 LT
PC 20+56.44	Fd AM/Bx[DOT]	290395.8836	357968.1108	2307+63.36	9.28 RT
POC 23+07.35	Fd AM/Bx[DOT]	290644.7954	357935.6082	2310+13.91	24.75 RT

RECOVERED MONUMENTS SHEET 15					
LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET
POT 70+00.00 Seward Highway	Fd BC	284100.8280	361265.7794	2234+26.35	15.00 RT
S 1/16 S4 S3 *T11N R3W SM	Fd BC[BLM]	286054.9318	362790.8136	2237+21.74	2476.10 RT
1/4 S4 S3 *T11N R3W SM	Fd BC[BLM]	287374.5528	362784.3847	2246+56.37	3407.71 RT

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CONSULTANT RIGHT OF WAY SURVEYORS CERTIFICATE

ANCHORAGE RECORDING DISTRICT

DATE	REVISIONS	BY

STATE OF ALASKA			
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES			
RIGHT OF WAY BASE MAP ALASKA PROJECT			
0A31 (051)			
59765			
SEWARD HIGHWAY: RIGHT OF WAY STUDY			
MP 111-117.5			
DRAWN	GEL	DATE	SCALE
CHECKED	CAW	DATE	SHEET
		12/5/2014	N/A
		12/5/2014	20 OF 20