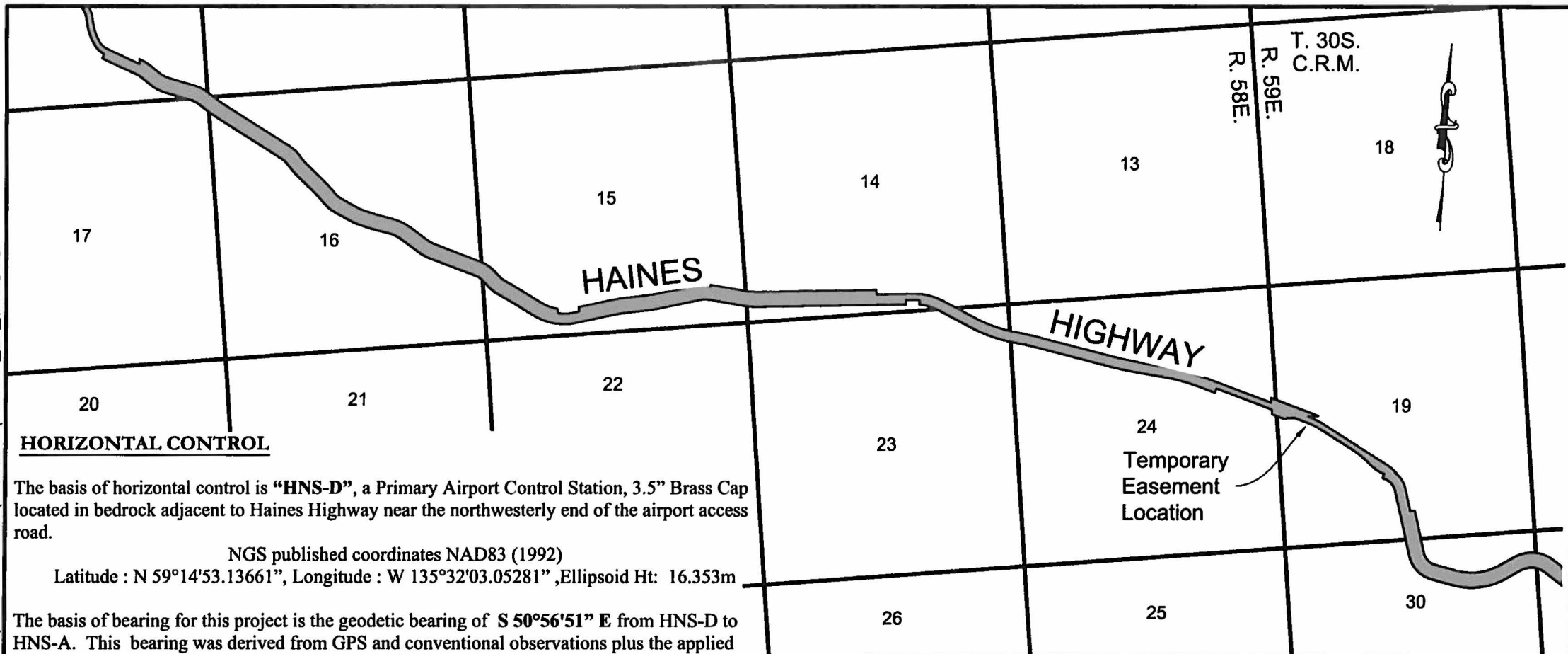


C:\HNS\68606\RW\C3D14\SOURCE DWGS\PARCELS\PARCEL_22_DNR.DWG



HORIZONTAL CONTROL

The basis of horizontal control is "HNS-D", a Primary Airport Control Station, 3.5" Brass Cap located in bedrock adjacent to Haines Highway near the northwesterly end of the airport access road.

NGS published coordinates NAD83 (1992)
Latitude : N 59°14'53.13661", Longitude : W 135°32'03.05281", Ellipsoid Ht: 16.353m

The basis of bearing for this project is the geodetic bearing of S 50°56'51" E from HNS-D to HNS-A. This bearing was derived from GPS and conventional observations plus the applied convergence angle of -1°34'03.84" described below.

The Haines 4-24 Grid is based about NGS monument HNS-A, a 3.5" Brass Cap located in a 6'x3' concrete pad near the hold bar on taxiway B. The Grid system relates to AKSPC zone 1 NAD83(1992) through the following parameters:

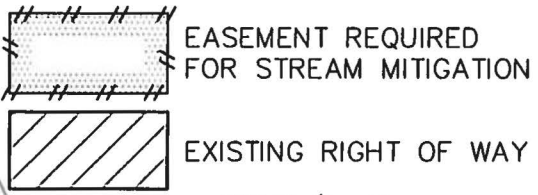
Zone = NAD83(92) AKSPC ZONE 1 Grid Scale = 0.99995319 Convergence = -1°34'03.84"
Translation about HNS-A as follows:
AKSPC Northing = 2711876.83845 FT US AKSPC Easting = 2337586.75087 FT
US Local Northing = 500000.0000 FT US Local Easting = 700000.0000 FT US

APPLICATION EXHIBIT FOR STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES	
EASEMENT REQUIRED FOR State of Alaska Department of Transportation & Public Facilities Project HAINES HIGHWAY MP 3.5 TO MP 25.3 AKSAS NO. 68606	PARCEL NO. <u>TCE-22</u> DATE: <u>01/08/2014</u> AREA SCALE: <u>1"=1/2 Mile</u> PARCEL: <u>7,997 S.F.</u> SHEET <u>1</u> OF <u>3</u> DRAWN BY: <u>EAA</u> CHECKED BY: <u>[Signature]</u>

Q:\HNS\68606\RW\C3D14\SOURCE DWGS\PARCELS\PARCEL_22_DNR.DWG

Project \odot
 Curve Data:
 $\Delta=11^{\circ}53'16''$
 $T=414.06'$
 $R=3977.00'$
 $L=825.16'$
 $CH=N59^{\circ}34'44''W$
 $LC=823.68'$

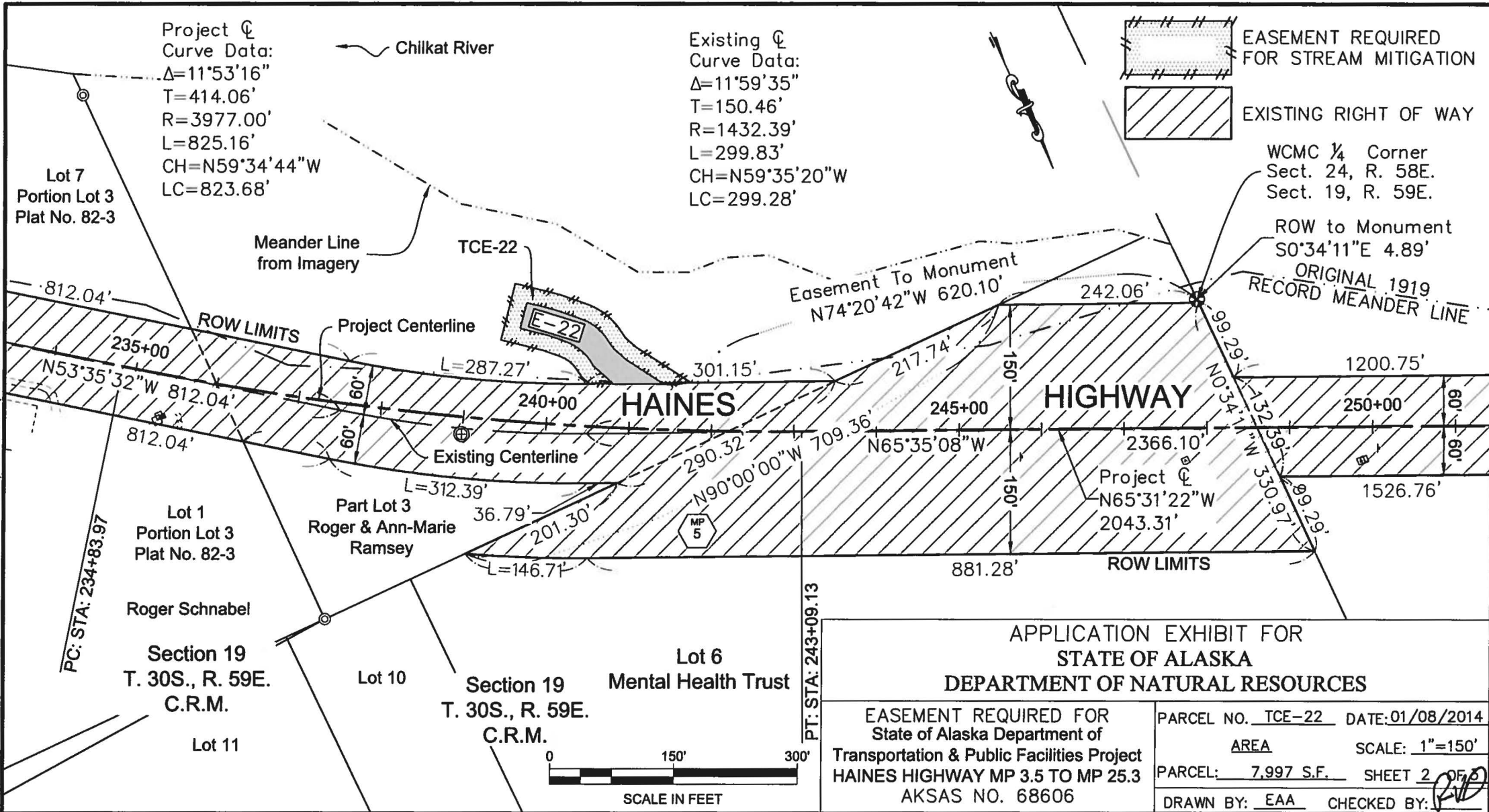
Existing \odot
 Curve Data:
 $\Delta=11^{\circ}59'35''$
 $T=150.46'$
 $R=1432.39'$
 $L=299.83'$
 $CH=N59^{\circ}35'20''W$
 $LC=299.28'$



WCMC $\frac{1}{4}$ Corner
 Sect. 24, R. 58E.
 Sect. 19, R. 59E.

ROW to Monument
 $S0^{\circ}34'11''E$ 4.89'

ORIGINAL 1919
 RECORD MEANDER LINE



Lot 7
 Portion Lot 3
 Plat No. 82-3

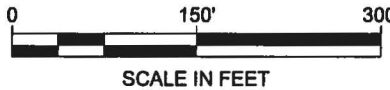
Lot 1
 Portion Lot 3
 Plat No. 82-3

Roger Schnabel
 Section 19
 T. 30S., R. 59E.
 C.R.M.

Part Lot 3
 Roger & Ann-Marie
 Ramsey

Lot 10
 Section 19
 T. 30S., R. 59E.
 C.R.M.

Lot 6
 Mental Health Trust

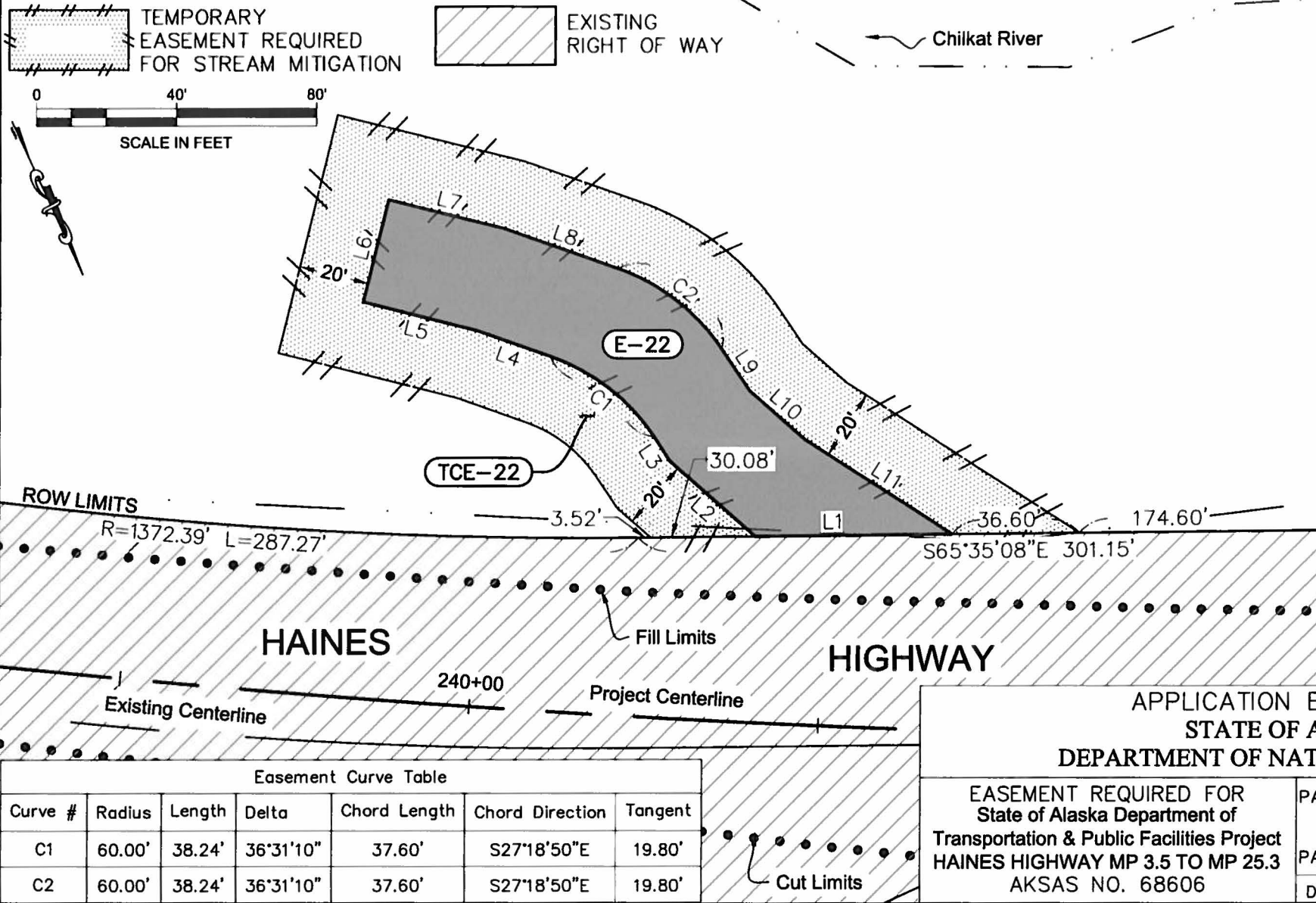


APPLICATION EXHIBIT FOR
 STATE OF ALASKA
 DEPARTMENT OF NATURAL RESOURCES

EASEMENT REQUIRED FOR
 State of Alaska Department of
 Transportation & Public Facilities Project
 HAINES HIGHWAY MP 3.5 TO MP 25.3
 AKSAS NO. 68606

PARCEL NO. TCE-22 DATE: 01/08/2014
 AREA SCALE: 1"=150'
 PARCEL: 7,997 S.F. SHEET 2 OF 3
 DRAWN BY: EAA CHECKED BY: [Signature]

Q:\HNS\68606\RW\C3D14\SOURCE DWGS\PARCELS\PARCEL_22_DNR.DWG



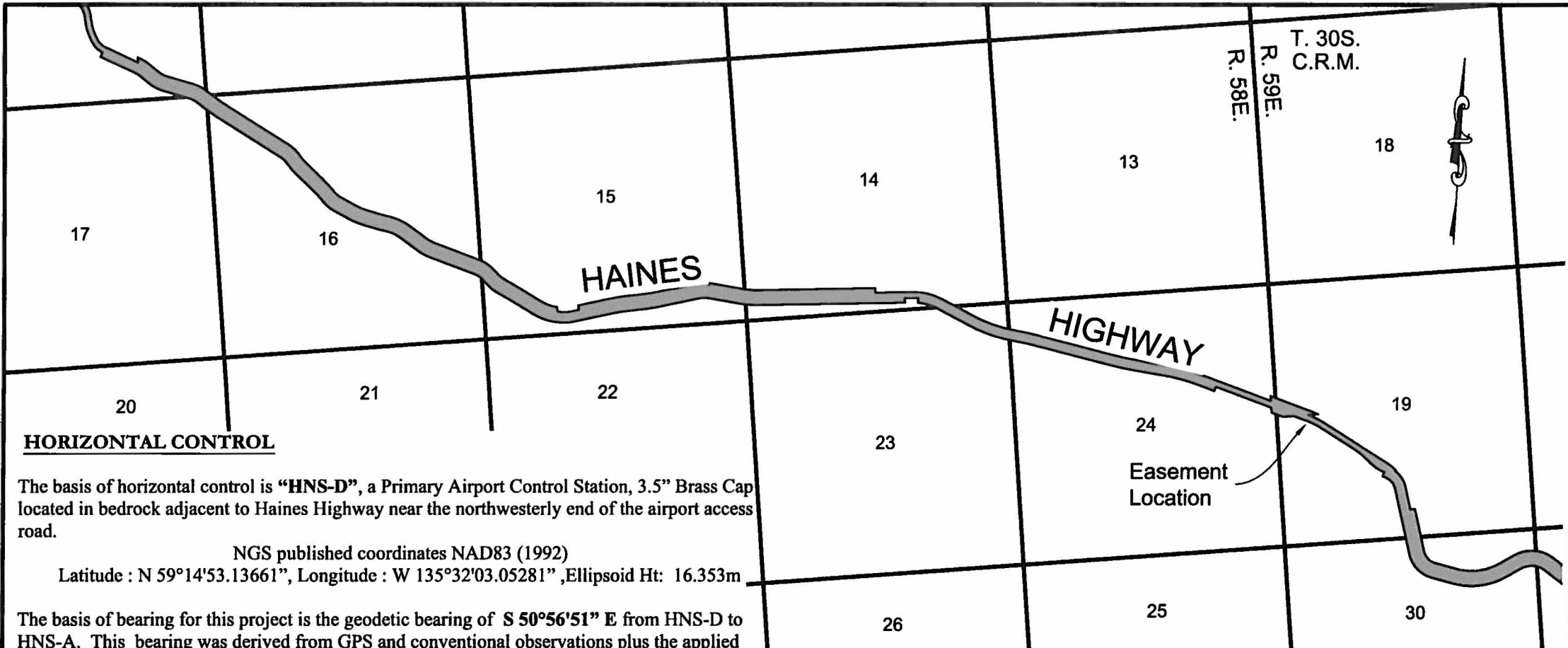
Line Table		
Line #	Length	Direction
L1	56.35'	S65°35'08"E
L2	32.60'	S23°55'01"E
L3	8.42'	S9°03'15"E
L4	22.18'	S45°34'25"E
L5	33.46'	S50°52'32"E
L6	30.00'	S38°58'09"W
L7	33.94'	N51°01'51"W
L8	34.46'	N45°34'25"W
L9	14.40'	N9°03'15"W
L10	21.12'	N23°55'01"W
L11	50.22'	N32°27'42"W

Easement Curve Table						
Curve #	Radius	Length	Delta	Chord Length	Chord Direction	Tangent
C1	60.00'	38.24'	36°31'10"	37.60'	S27°18'50"E	19.80'
C2	60.00'	38.24'	36°31'10"	37.60'	S27°18'50"E	19.80'

**APPLICATION EXHIBIT FOR
STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES**

EASEMENT REQUIRED FOR State of Alaska Department of Transportation & Public Facilities Project HAINES HIGHWAY MP 3.5 TO MP 25.3 AKSAS NO. 68606	PARCEL NO. <u>TCE-22</u> DATE: <u>01/08/2014</u> AREA SCALE: <u>1"=40'</u> PARCEL: <u>7,997 S.F.</u> SHEET <u>3</u> OF <u>3</u> DRAWN BY: <u>EAA</u> CHECKED BY: <u>[Signature]</u>
--	--

G:\HNS\68606\FW\C3D14\SOURCE DWGS\PARCELS\PARCEL_22_DNR.DWG



HORIZONTAL CONTROL

The basis of horizontal control is "HNS-D", a Primary Airport Control Station, 3.5" Brass Cap located in bedrock adjacent to Haines Highway near the northwesterly end of the airport access road.

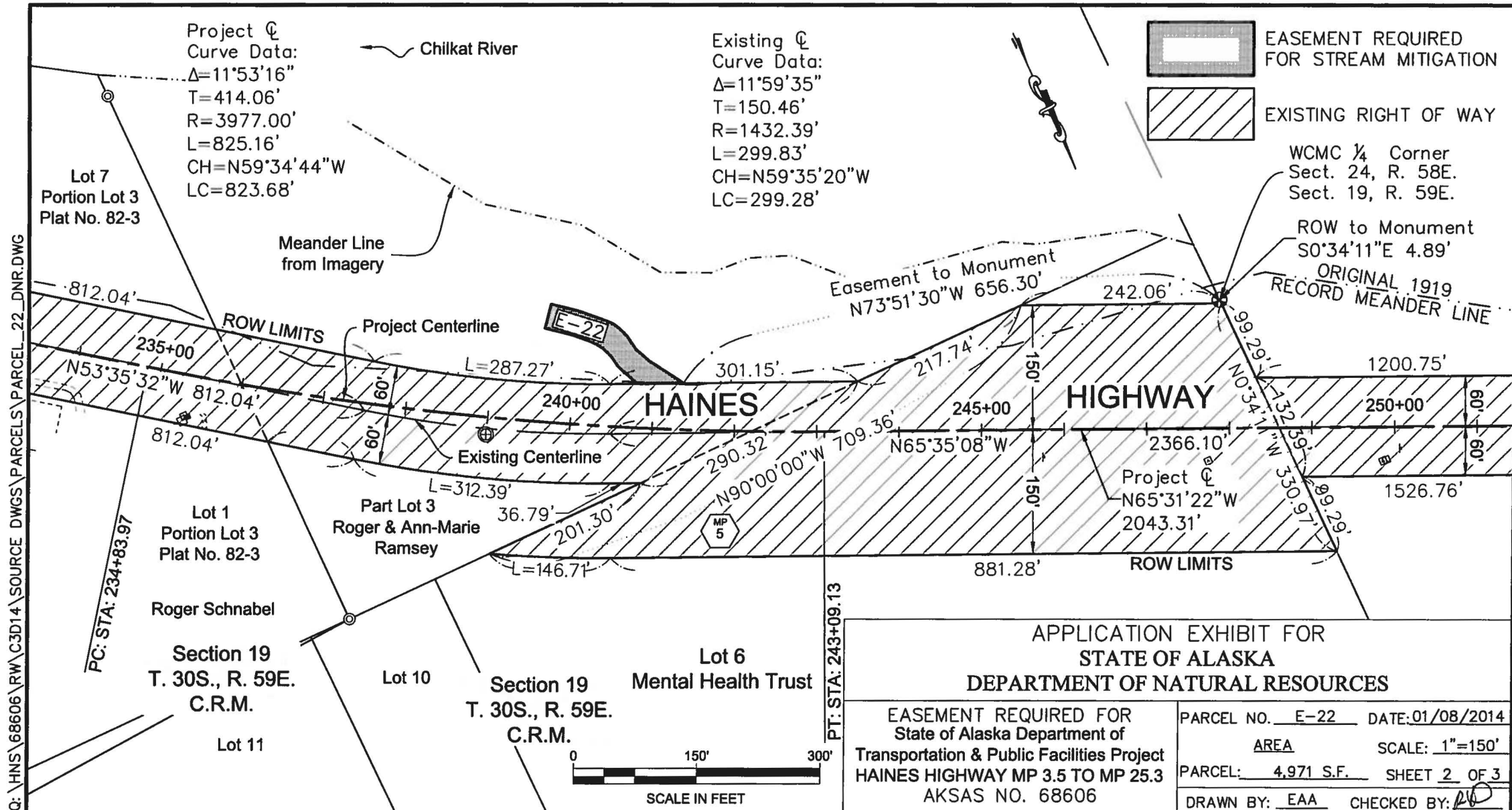
NGS published coordinates NAD83 (1992)
 Latitude : N 59°14'53.13661", Longitude : W 135°32'03.05281" ,Ellipsoid Ht: 16.353m

The basis of bearing for this project is the geodetic bearing of S 50°56'51" E from HNS-D to HNS-A. This bearing was derived from GPS and conventional observations plus the applied convergence angle of -1°34'03.84" described below.

The Haines 4-24 Grid is based about NGS monument HNS-A, a 3.5" Brass Cap located in a 6'x3' concrete pad near the hold bar on taxiway B. The Grid system relates to AKSPC zone 1 NAD83(1992) through the following parameters:

Zone = NAD83(92) AKSPC ZONE 1 Grid Scale = 0.99995319 Convergence = -1°34'03.84"
Translation about HNS-A as follows:
 AKSPC Northing = 2711876.83845 FT US AKSPC Easting = 2337586.75087 FT
 US Local Northing = 500000.0000 FT US Local Easting = 700000.0000 FT US

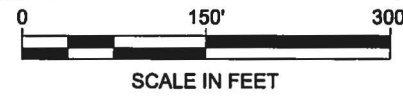
APPLICATION EXHIBIT FOR STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES	
EASEMENT REQUIRED FOR State of Alaska Department of Transportation & Public Facilities Project HAINES HIGHWAY MP 3.5 TO MP 25.3 AKSAS NO. 68606	PARCEL NO. <u>E-22</u> DATE: <u>01/08/2014</u> AREA SCALE: 1" = 1/2 Mile PARCEL: <u>4,971 S.F.</u> SHEET <u>1</u> OF <u>3</u> DRAWN BY: <u>EAA</u> CHECKED BY: <u>[Signature]</u>



C:\HNS\68606\RW\C3D14\SOURCE DWGS\PARCELS\PARCEL_22_DNR.DWG

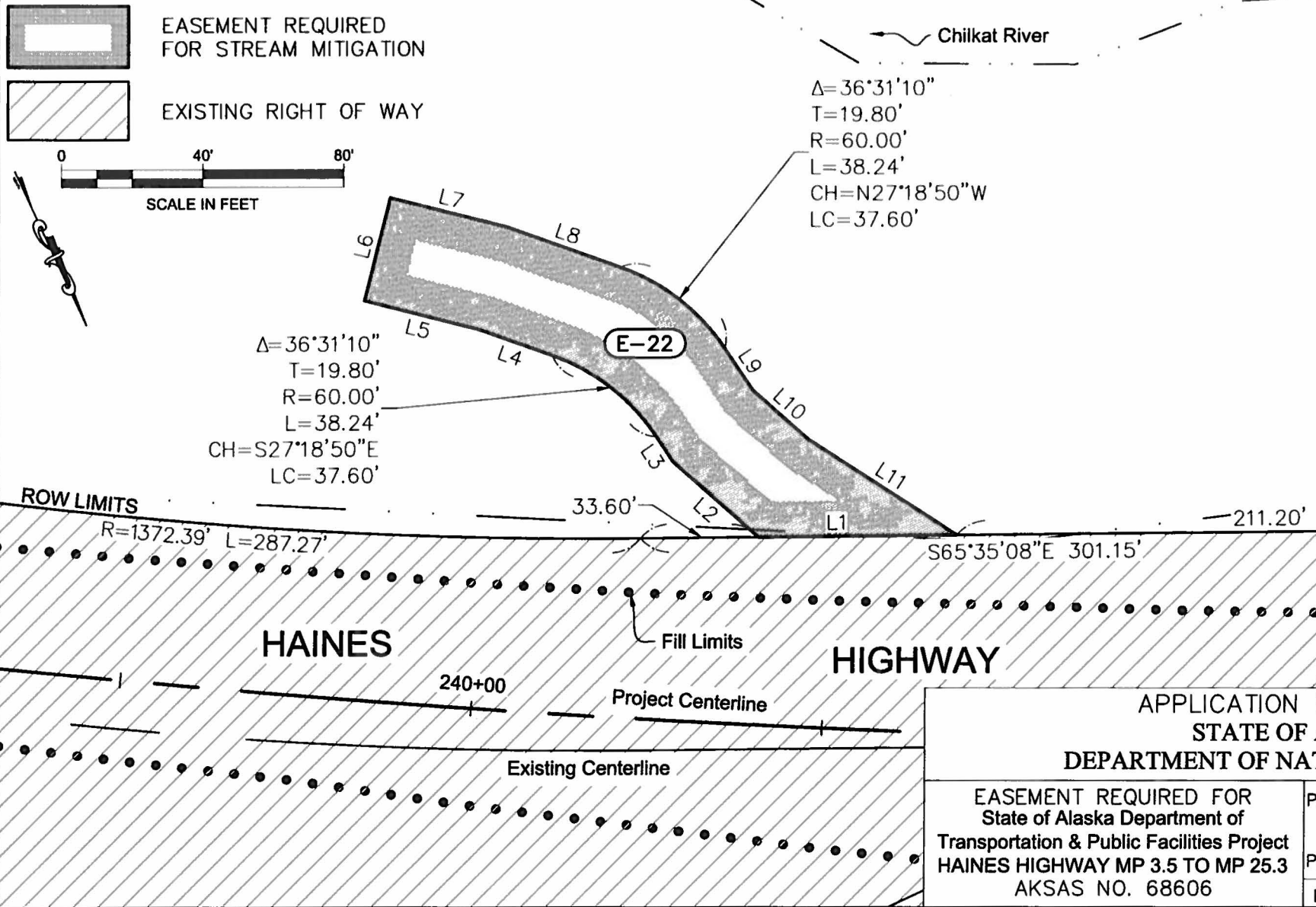
PC: STA: 234+83.97

PT: STA: 243+09.13



APPLICATION EXHIBIT FOR STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES	
EASEMENT REQUIRED FOR State of Alaska Department of Transportation & Public Facilities Project HAINES HIGHWAY MP 3.5 TO MP 25.3 AKSAS NO. 68606	PARCEL NO. <u>E-22</u> DATE: <u>01/08/2014</u> AREA SCALE: <u>1"=150'</u> PARCEL: <u>4,971 S.F.</u> SHEET <u>2</u> OF <u>3</u> DRAWN BY: <u>EAA</u> CHECKED BY: <u>AD</u>

Q:\HNS\68606\RW\C3D14\SOURCE DWGS\PARCELS\PARCEL_22_DNR.DWG

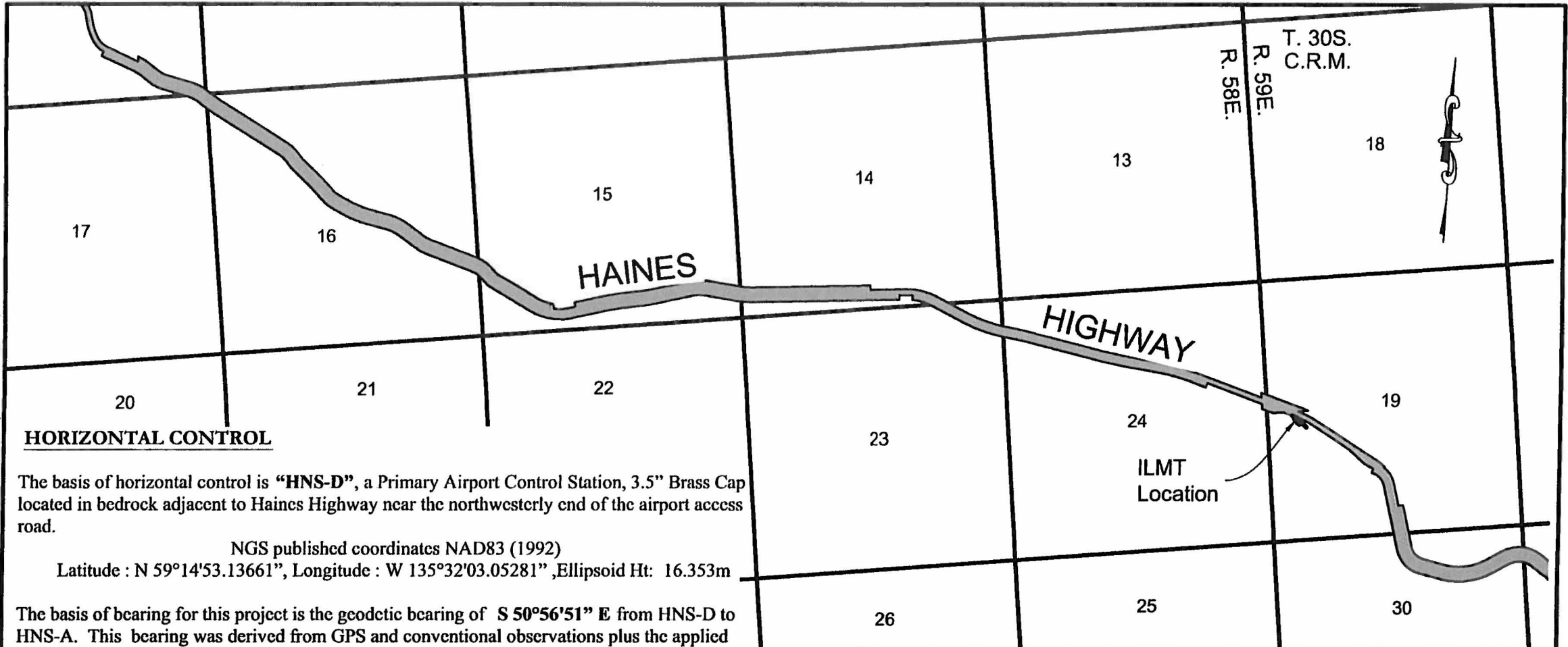


Line Table		
Line #	Length	Direction
L1	56.35'	S65°35'08"E
L2	32.60'	S23°55'01"E
L3	8.42'	S9°03'15"E
L4	22.18'	S45°34'25"E
L5	33.46'	S50°52'32"E
L6	30.00'	S38°58'09"W
L7	33.94'	N51°01'51"W
L8	34.46'	N45°34'25"W
L9	14.40'	N9°03'15"W
L10	21.12'	N23°55'01"W
L11	50.22'	N32°27'42"W

**APPLICATION EXHIBIT FOR
STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES**

<p>EASEMENT REQUIRED FOR State of Alaska Department of Transportation & Public Facilities Project HAINES HIGHWAY MP 3.5 TO MP 25.3 AKSAS NO. 68606</p>	<p>PARCEL NO. <u>E-22</u> DATE: <u>01/08/2014</u> AREA SCALE: <u>1"=40'</u> PARCEL: <u>4,971 S.F.</u> SHEET <u>3</u> OF <u>3</u> DRAWN BY: <u>EAA</u> CHECKED BY: <u>[Signature]</u></p>
--	---

Q:\HNS\68606\RW\C3D14\SOURCE DWGS\PARCELS\PARCEL_22_DNR.DWG



HORIZONTAL CONTROL

The basis of horizontal control is "HNS-D", a Primary Airport Control Station, 3.5" Brass Cap located in bedrock adjacent to Haines Highway near the northwesterly end of the airport access road.

NGS published coordinates NAD83 (1992)

Latitude : N 59°14'53.13661", Longitude : W 135°32'03.05281", Ellipsoid Ht: 16.353m

The basis of bearing for this project is the geodetic bearing of S 50°56'51" E from HNS-D to HNS-A. This bearing was derived from GPS and conventional observations plus the applied convergence angle of -1°34'03.84" described below.

The Haines 4-24 Grid is based about NGS monument HNS-A, a 3.5" Brass Cap located in a 6'x3' concrete pad near the hold bar on taxiway B. The Grid system relates to AKSPC zone 1 NAD83(1992) through the following parameters:

Zone = NAD83(92) AKSPC ZONE 1 Grid Scale = 0.99995319 Convergence = -1°34'03.84"

Translation about HNS-A as follows:

AKSPC Northing = 2711876.83845 FT US AKSPC Easting = 2337586.75087 FT

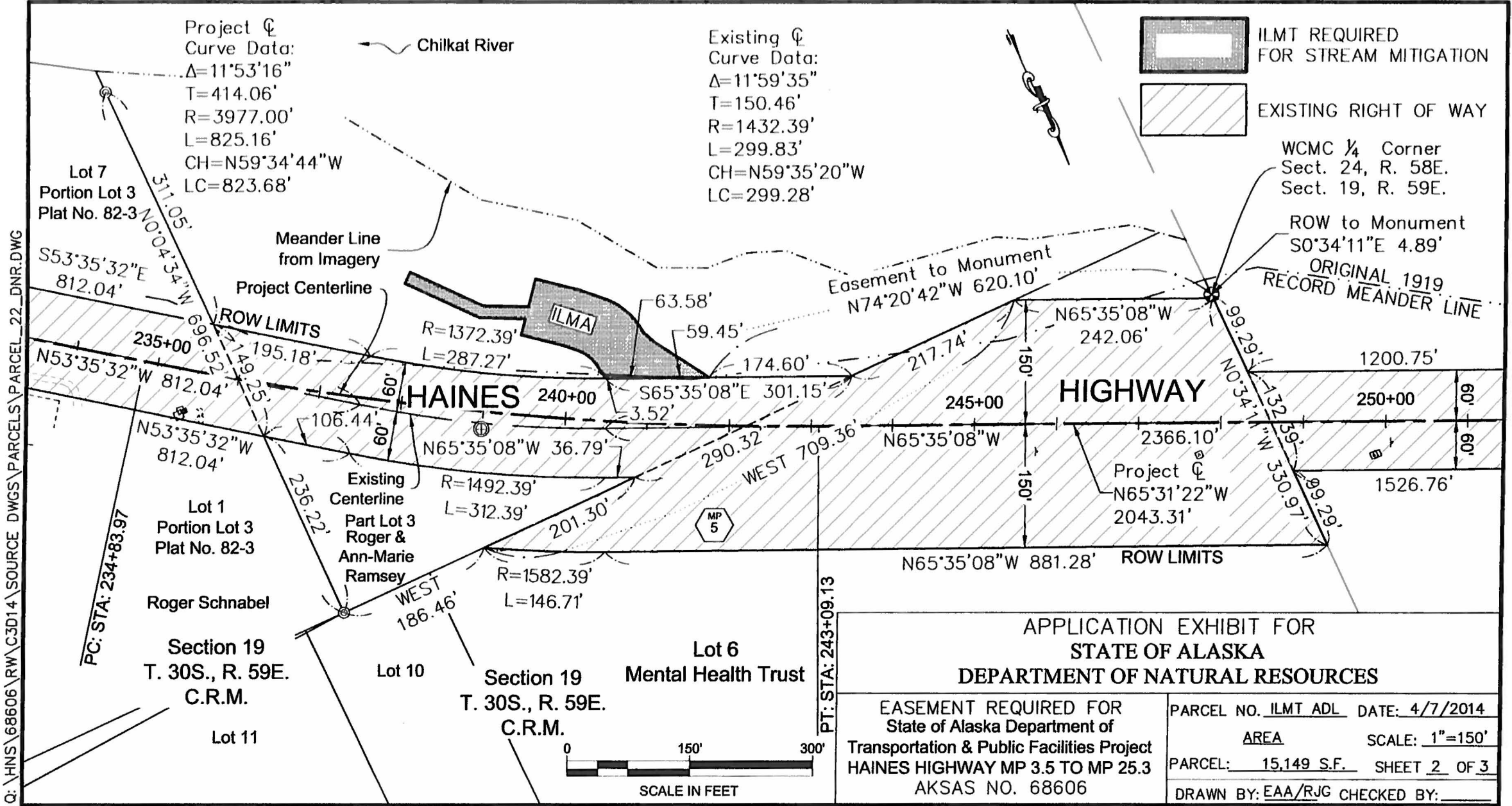
US Local Northing = 500000.0000 FT US Local Easting = 700000.0000 FT US

**APPLICATION EXHIBIT FOR
STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES**

EASEMENT REQUIRED FOR
State of Alaska Department of
Transportation & Public Facilities Project
HAINES HIGHWAY MP 3.5 TO MP 25.3
AKSAS NO. 68606

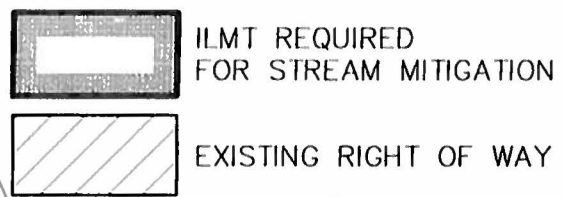
PARCEL NO. <u>ILMA ADL</u>	DATE: <u>4/7/2014</u>
<u>AREA</u>	SCALE: <u>1"=1/2 Mile</u>
PARCEL: <u>15,149 S.F.</u>	SHEET <u>1</u> OF <u>3</u>
DRAWN BY: <u>EAA/RJG</u> CHECKED BY: _____	

ADL 108264



Project \odot
 Curve Data:
 $\Delta=11^{\circ}53'16''$
 $T=414.06'$
 $R=3977.00'$
 $L=825.16'$
 $CH=N59^{\circ}34'44''W$
 $LC=823.68'$

Existing \odot
 Curve Data:
 $\Delta=11^{\circ}59'35''$
 $T=150.46'$
 $R=1432.39'$
 $L=299.83'$
 $CH=N59^{\circ}35'20''W$
 $LC=299.28'$



WCMC 1/4 Corner
 Sect. 24, R. 58E.
 Sect. 19, R. 59E.
 ROW to Monument
 $S0^{\circ}34'11''E$ 4.89'
 ORIGINAL 1919
 RECORD MEANDER LINE

HAINES HIGHWAY

APPLICATION EXHIBIT FOR
 STATE OF ALASKA
 DEPARTMENT OF NATURAL RESOURCES

EASEMENT REQUIRED FOR
 State of Alaska Department of
 Transportation & Public Facilities Project
 HAINES HIGHWAY MP 3.5 TO MP 25.3
 AKSAS NO. 68606

PARCEL NO. ILMT ADL DATE: 4/7/2014
 AREA SCALE: 1"=150'
 PARCEL: 15,149 S.F. SHEET 2 OF 3
 DRAWN BY: EAA/RJG CHECKED BY: _____

Q: \HNS\68606\RW\C3D14\SOURCE DWGS\PARCELS\PARCEL 22_DNR.DWG

PT: STA: 243+09.13

PC: STA: 234+83.97