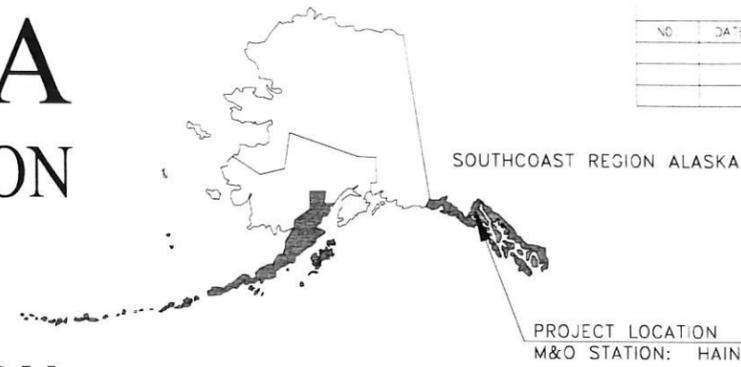


STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

HAINES HIGHWAY RECONSTRUCTION MILEPOST 12.2 TO 23, PHASE 2 PROJECT NO. 0956036/SFHWHY00171

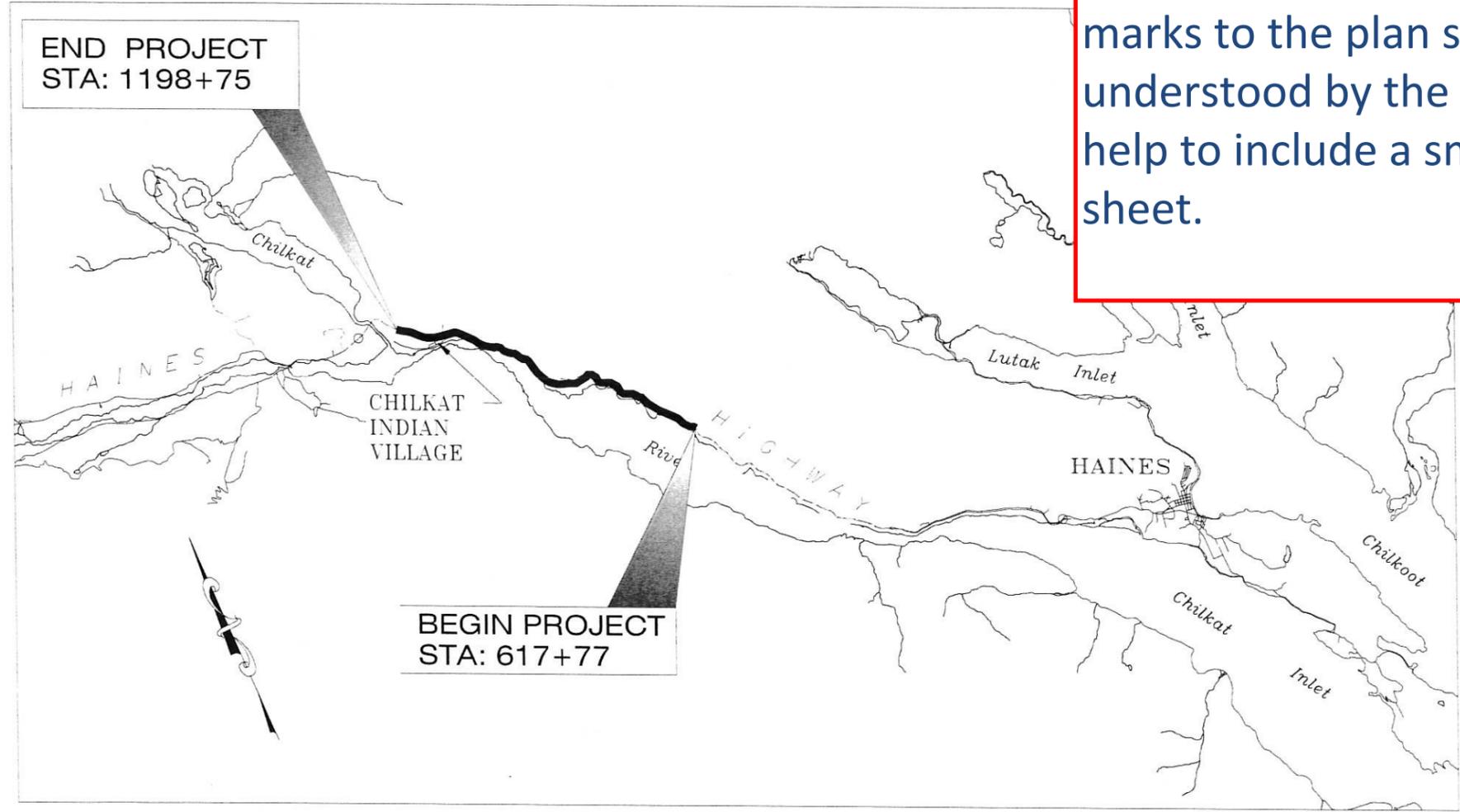
GRADING, DRAINAGE, PAVING, SIGNING & STRIPING



REVISIONS			STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	ALASKA	0956036/SFHWHY00171	2018	A1	A6
						PLAN SET TOTAL	197
CDS ROUTE: 298000				MILEPOINT: 11.73 TO 22.4			
LATITUDE: N 59° 18' 26"				LONGITUDE: W 135° 42' 51"			

DESIGN DESIGNATIONS	
FUNCTIONAL CLASS	RURAL OTHER PRINCIPAL ARTERIAL
ADT (2013)	580
ADT (2037)	650
DHV (15.4%) 2011	90
DHV (15.4%) 2037	100
PERCENT TRUCKS (%)	15.1%
DIRECTIONAL SPLIT (D)	55/45
DESIGN SPEED (V)	55 MPH
DESIGN ESAL'S (20 YEARS)	1,450,000

• The station marks appear to be on the realigned highway making it difficult to interpret the location on the plan sheets. Please Add mile markers and/or land marks to the plan sets so that they can be more easily understood by the Haines community. It would also help to include a small vicinity map on each planset sheet.



VICINITY MAP
N.T.S.

9/11/2018

USE THESE PLANS IN CONJUNCTION WITH THE STATE OF ALASKA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, 2017 EDITION AND THE PROJECT SPECIAL PROVISIONS.

PLANS DEVELOPED BY: DOWL
5368 COMMERCIAL B.V.D. - JUNEAU, AK 99801
907-750-3533 - #AeCL848

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES

APPROVED:

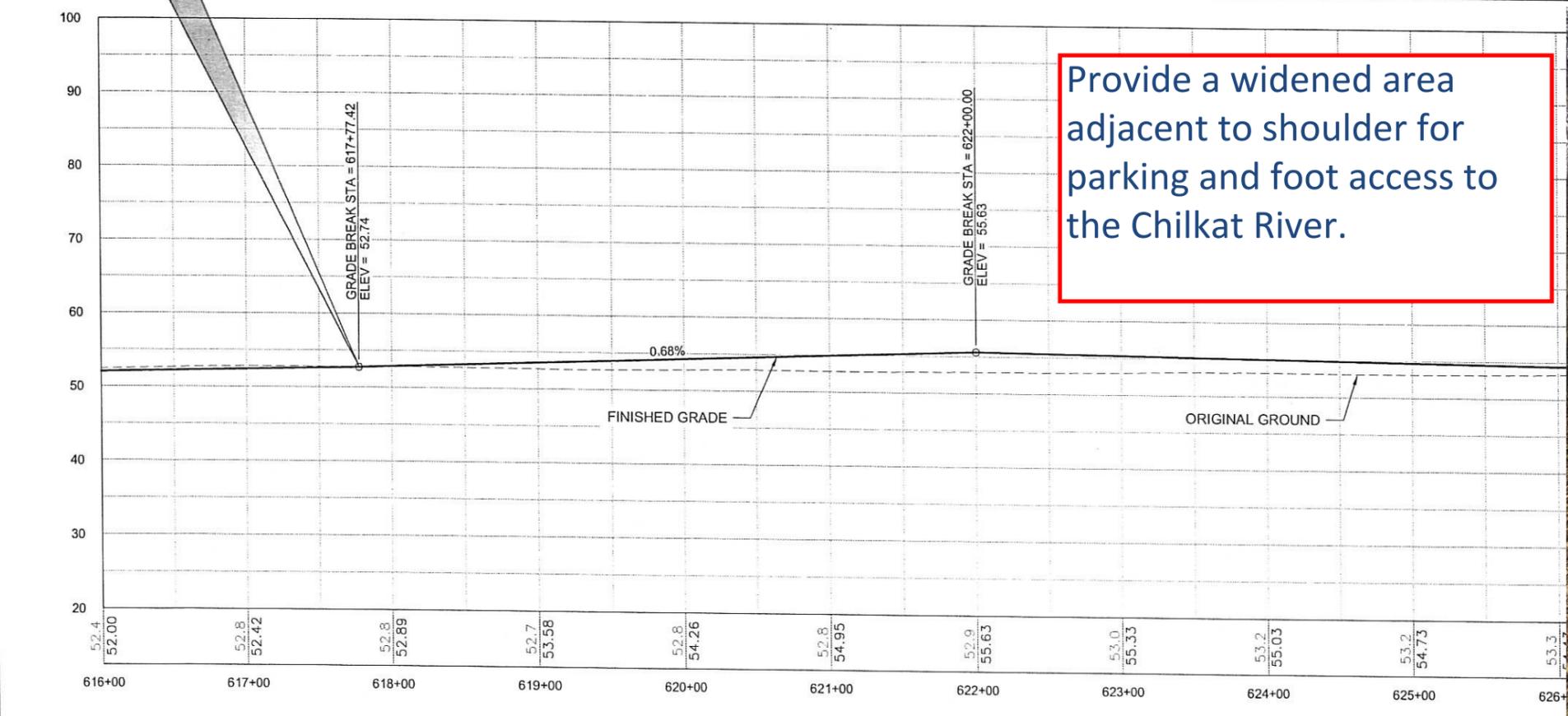
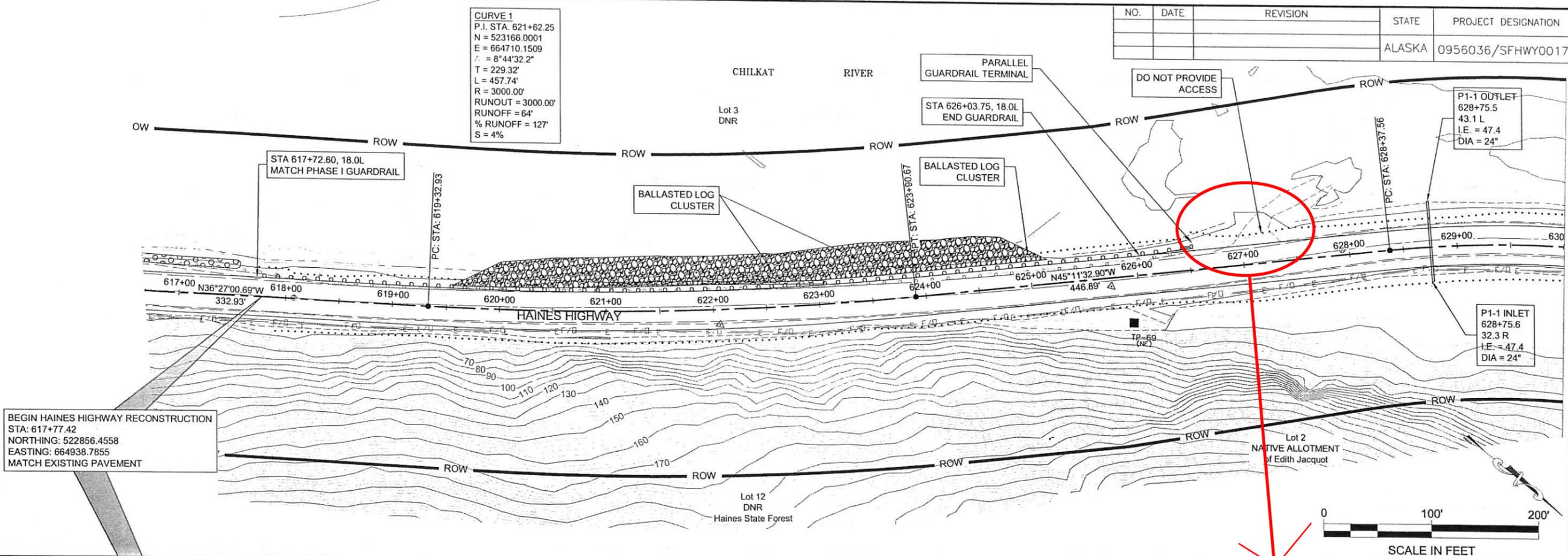
L. PAT CARROLL, P.E.
REGIONAL PRECONSTRUCTION ENGINEER
CONCUR: _____ DATE _____

MICHAEL J. COFFEY
DIRECTOR, SOUTHCOAST REGION
DATE _____

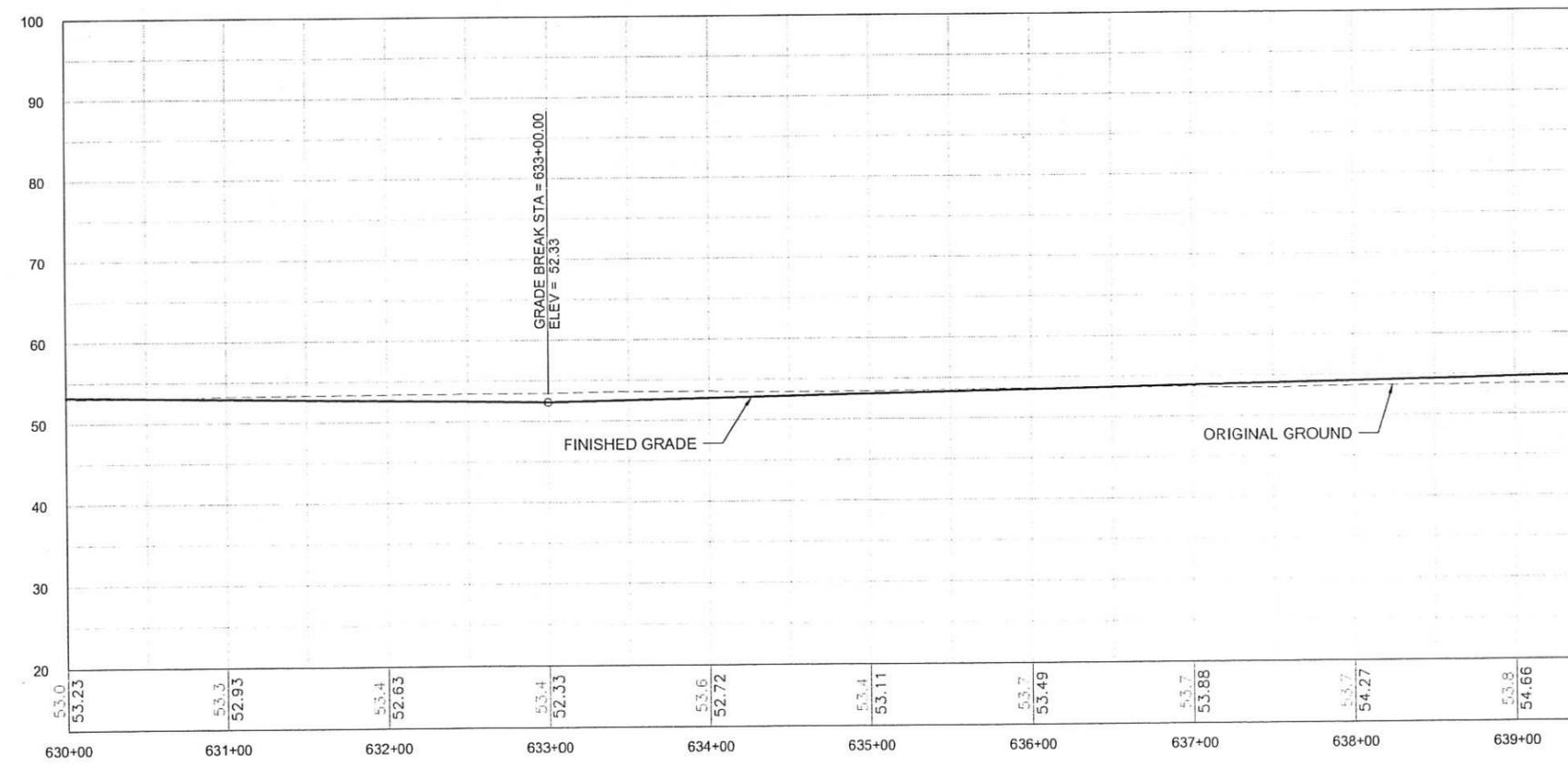
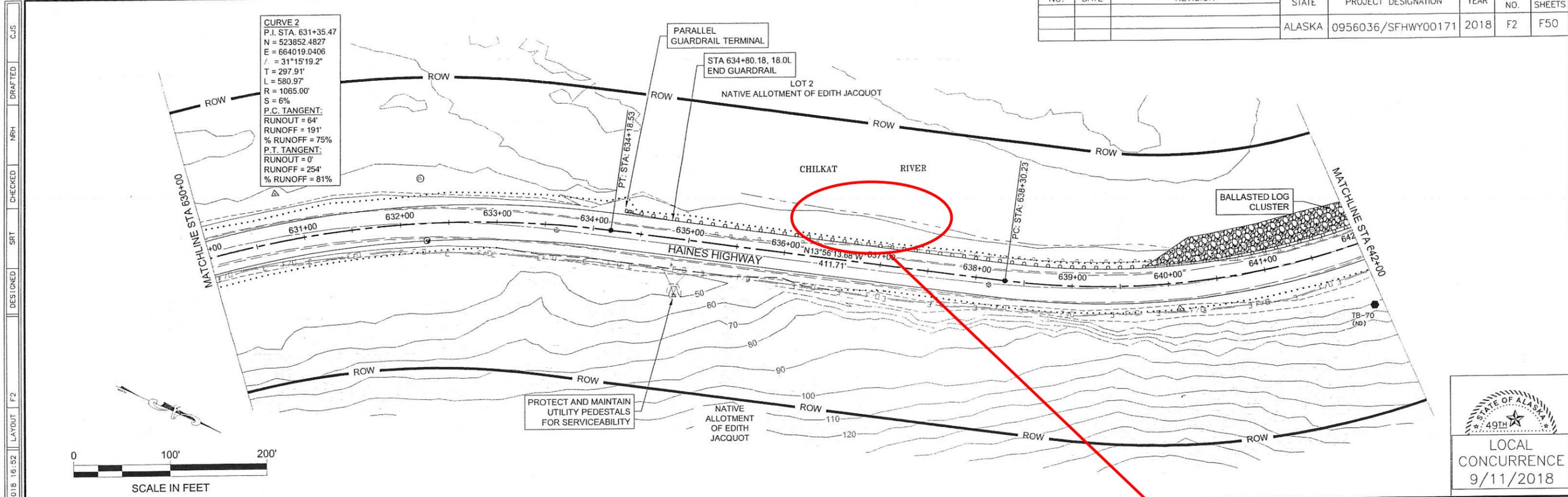
DATE: 5/22/2018 12:17 LAYOUT: A1
 CHECKED: S. NODIF
 DRAWN: S. TYLER
 DESIGNED: N. HOBBS
 C:\Civil\130\Projects\2016\2A\161850-02\Civil\1\SA-GN-CV-A1-61850.dwg

CJS
DRAFTED
NRH
CHECKED
SRT
DESIGNED
F1
LAYOUT
16:52
9/7/2018
DATE
9/7/2018
FILE: C:\civil_3D\Projects\2018\161850-02\Civil\SC-CT-RD-F-61850.dwg

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0956036/SFHwy00171	2018	F1	F50

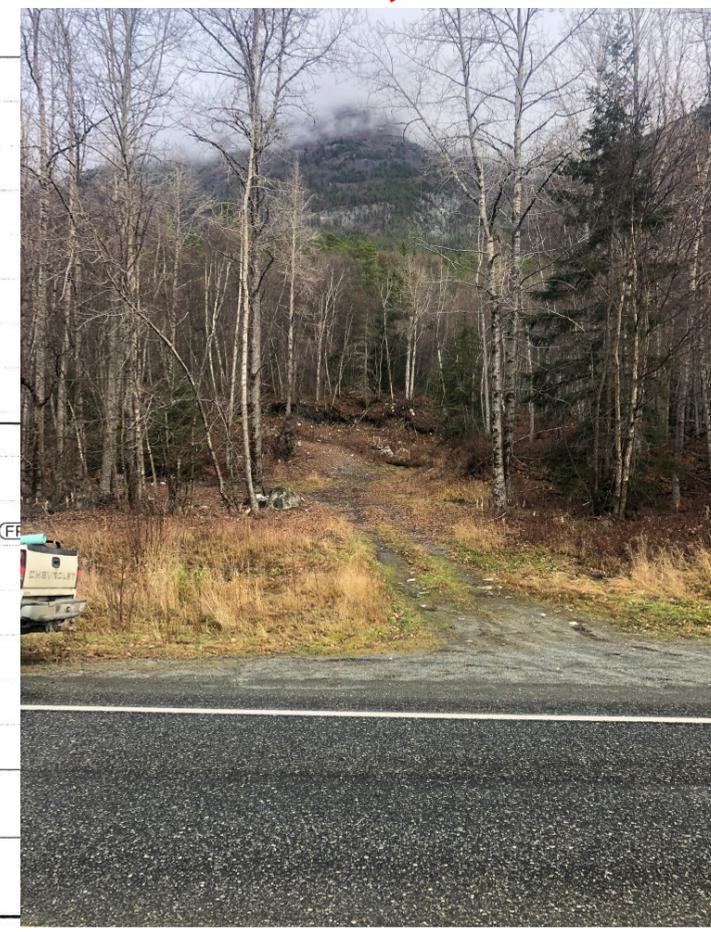
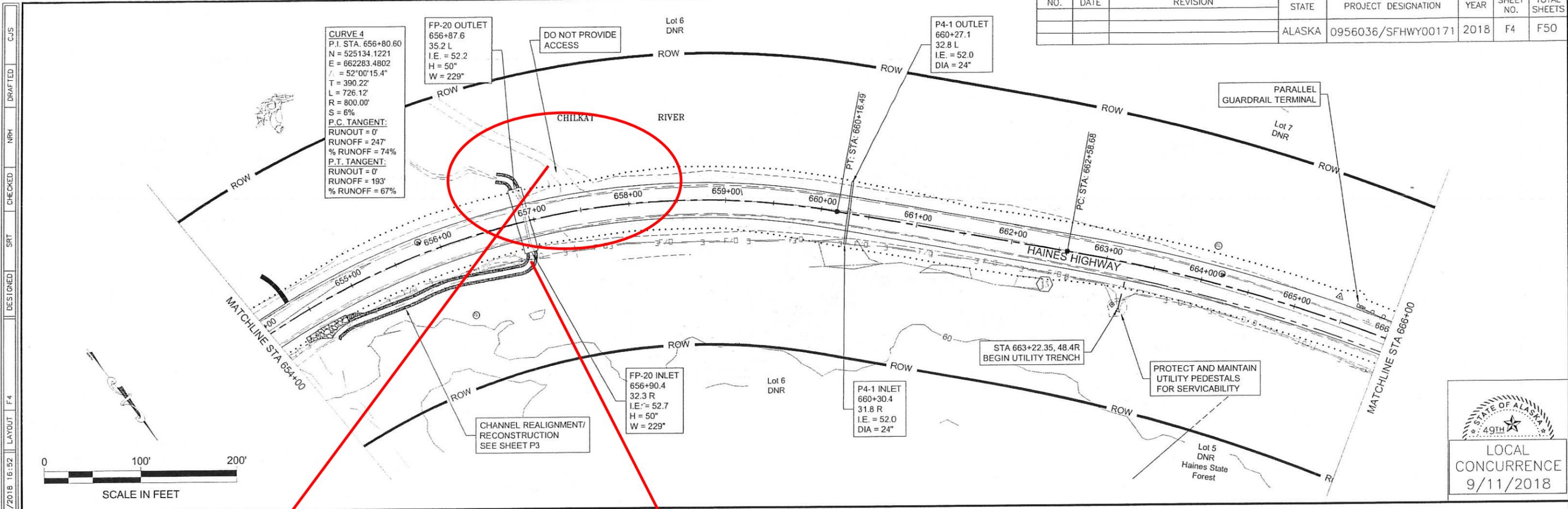


NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0956036/SFHwy00171	2018	F2	F50

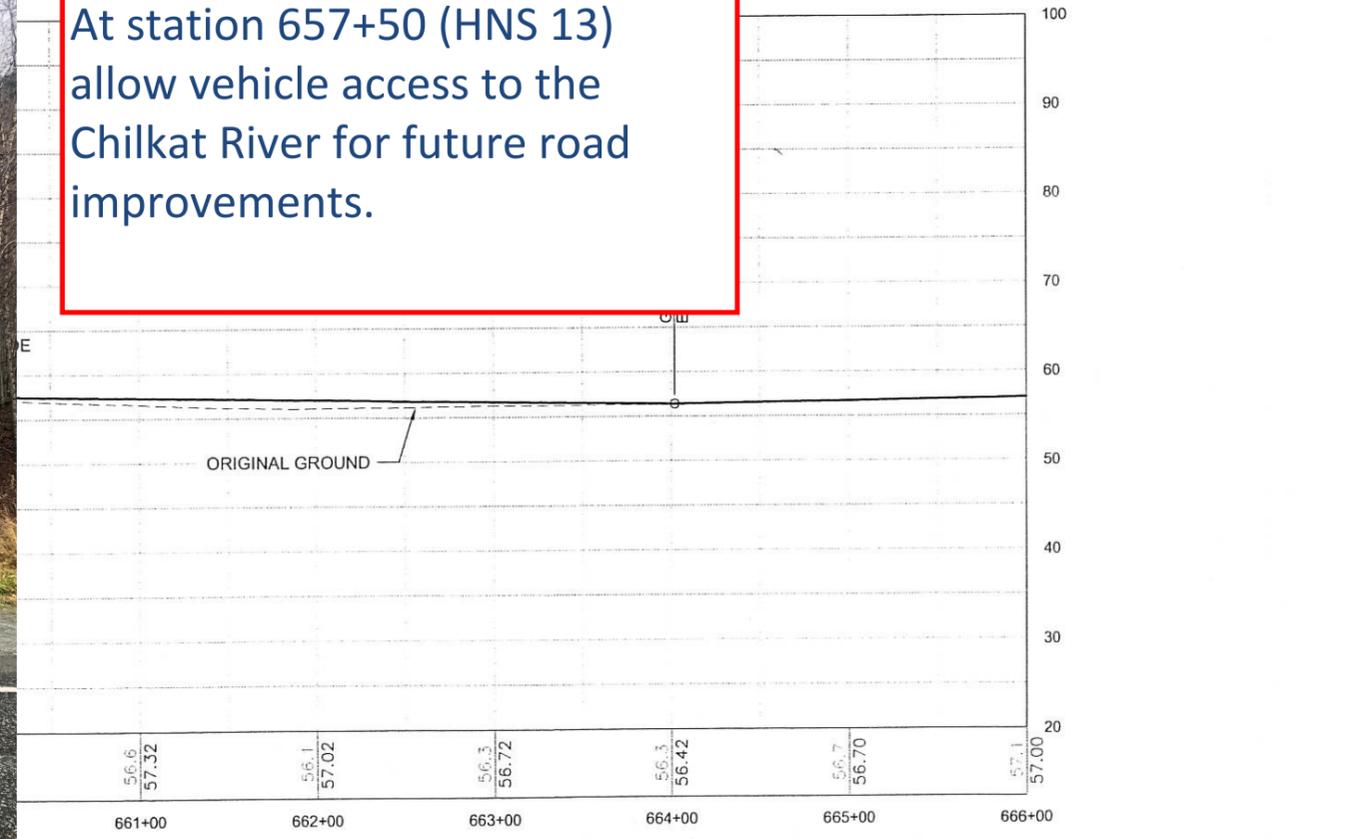


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DATE: 9/7/2018 16:52
LAYOUT: F2
DESIGNED: SRT
CHECKED: MPH
DRAFTED: CJS
TOTAL SHEETS: F50

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0956036/SFHWY00171	2018	F4	F50

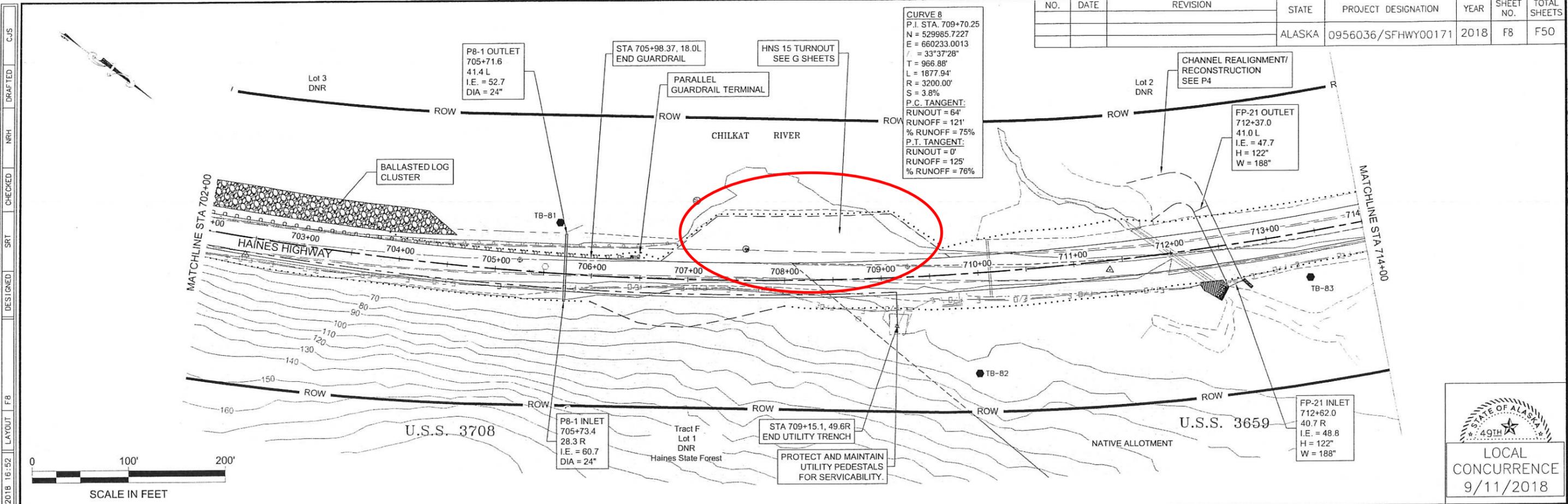


At station 657+50 (HNS 13) allow vehicle access to the Chilkat River for future road improvements.

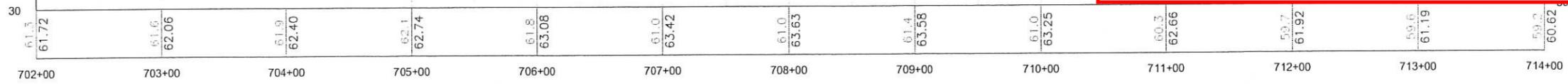


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DATE 9/7/2018 16:52 LAYOUT F4 DESIGNED SRT CHECKED NRH DRAFTED CJS



- HNS 15 & 16 Provide plan sheets with scale, elevations, slope, materials, etc. along with the artist renditions so that the project can be completely understood.
- HNS 15 & 16 Maintain access, expand and level parking area without blocking access to launch areas. If possible create a natural eddy for creating a downstream ramp.
- HNS 15 & 16 Pave expanded



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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0956036/SFHWY00171	2018	F10	F50

CURVE 9
 P.I. STA. 726+27.79
 N = 531033.4990
 E = 658877.3526
 $\Delta = 50^\circ 42' 28.9''$
 T = 504.65'
 L = 942.55'
 R = 1065.00'
 S = 6%
 P.C. TANGENT:
 RUNOUT = 0'
 RUNOFF = 195'
 % RUNOFF = 76%
 P.T. TANGENT:
 RUNOUT = 0'
 RUNOFF = 198'
 % RUNOFF = 76%

P10-1 OUTLET
 733+12.7
 73.6 L
 I.E. = 53.3
 DIA = 36"

P10-1 INLET
 732+67.3
 29.9 R
 I.E. = 57.6
 DIA = 36"

PARALLEL
 GUARDRAIL
 TERMINAL

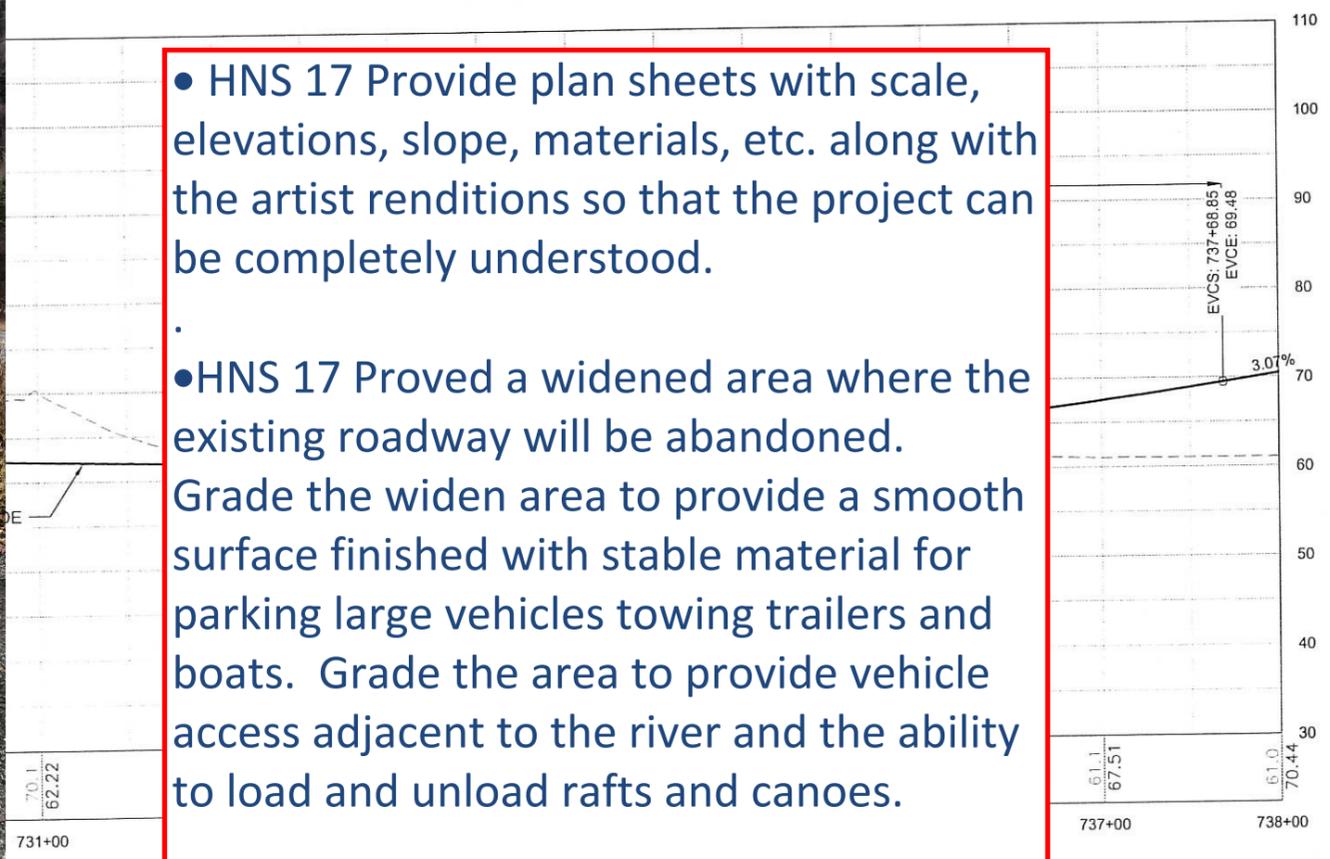
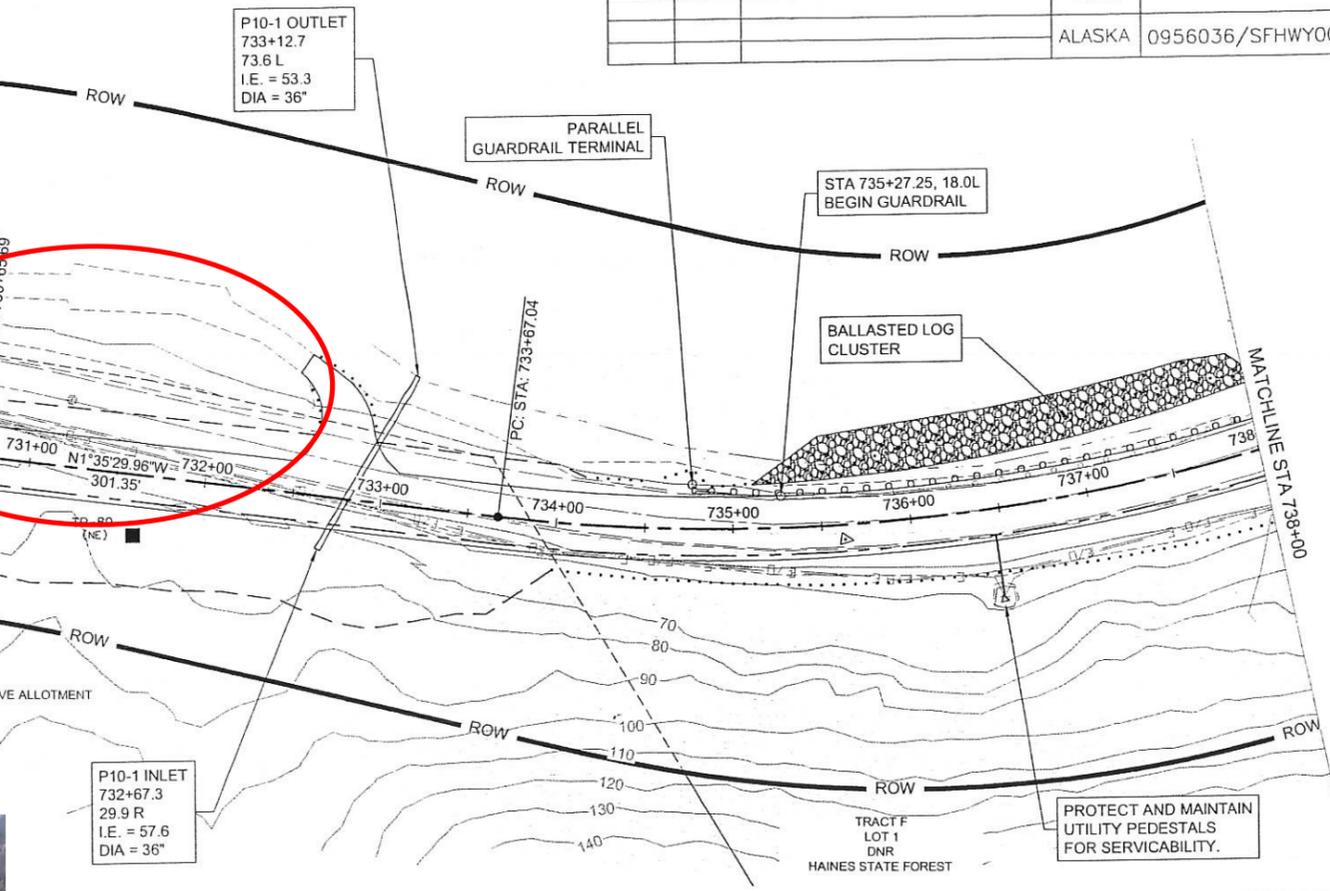
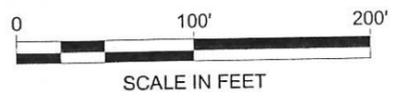
STA 735+27.25, 18.0L
 BEGIN GUARDRAIL

BALLASTED LOG
 CLUSTER

PROTECT AND MAINTAIN
 UTILITY PEDESTALS
 FOR SERVICABILITY.



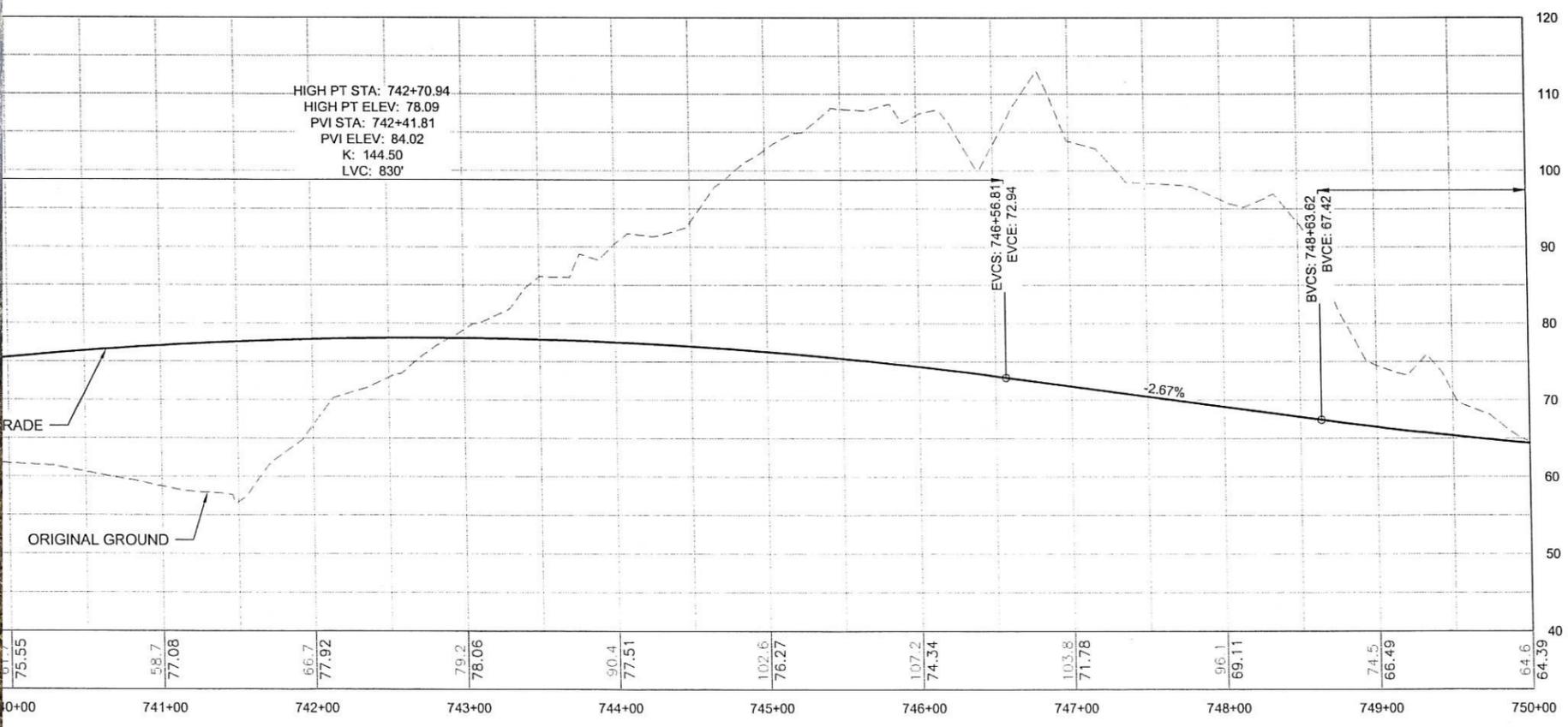
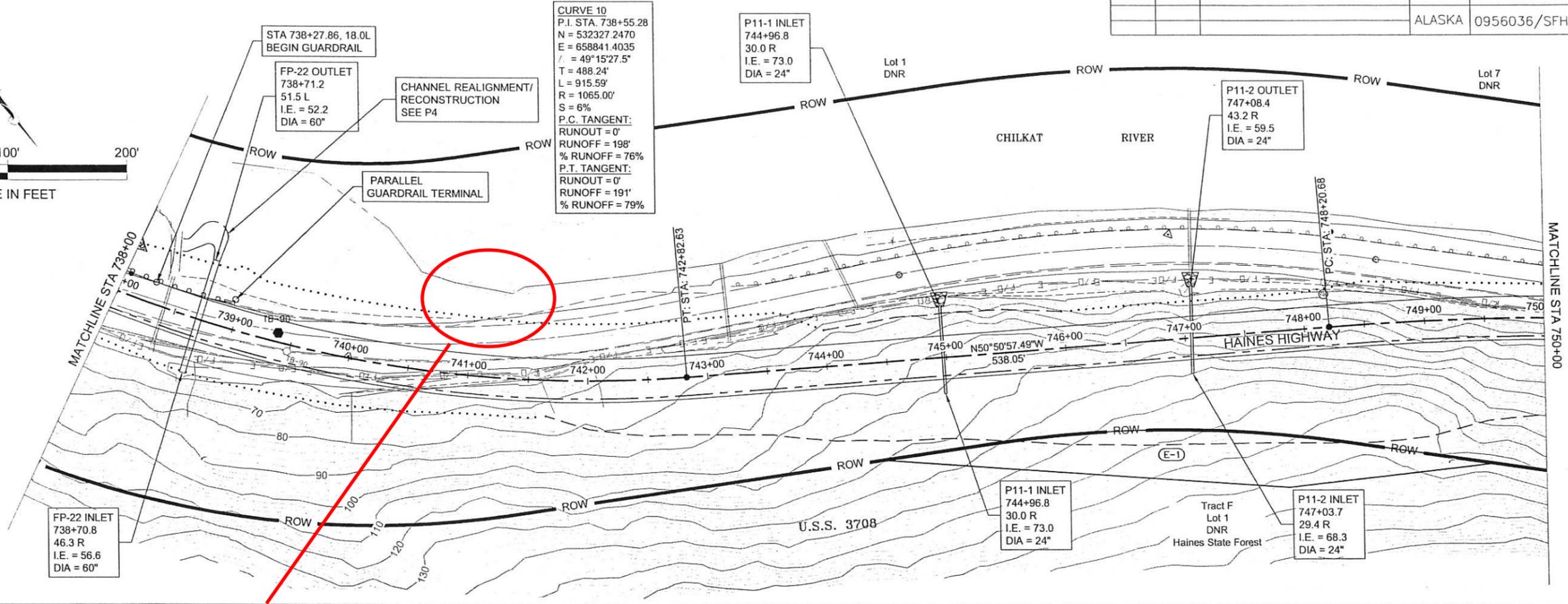
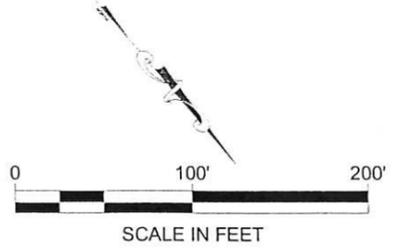
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 DATE 9/7/2018 16:52 LAYOUT F10
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 TOTAL SHEETS F50 SHEET NO. F10 YEAR 2018 PROJECT DESIGNATION 0956036/SFHWY00171 STATE ALASKA



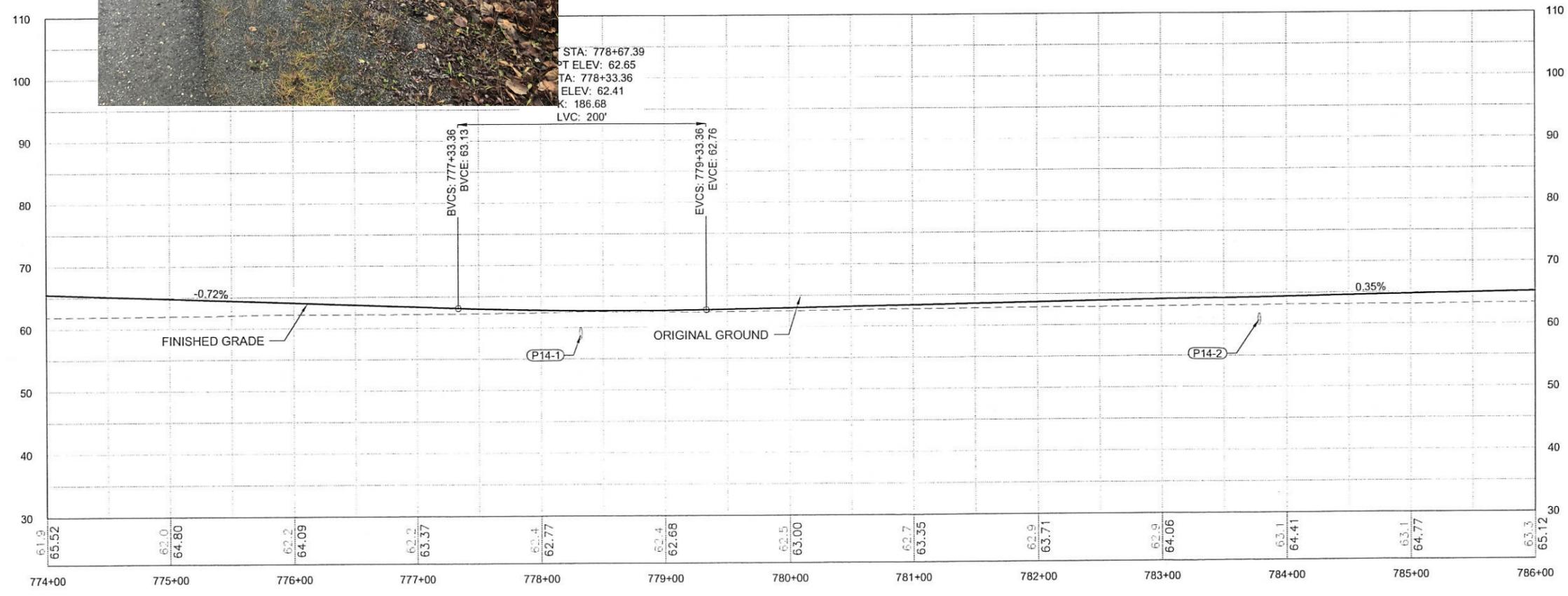
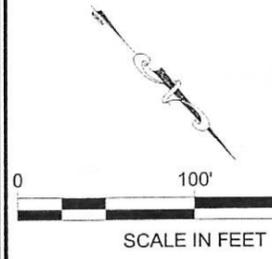
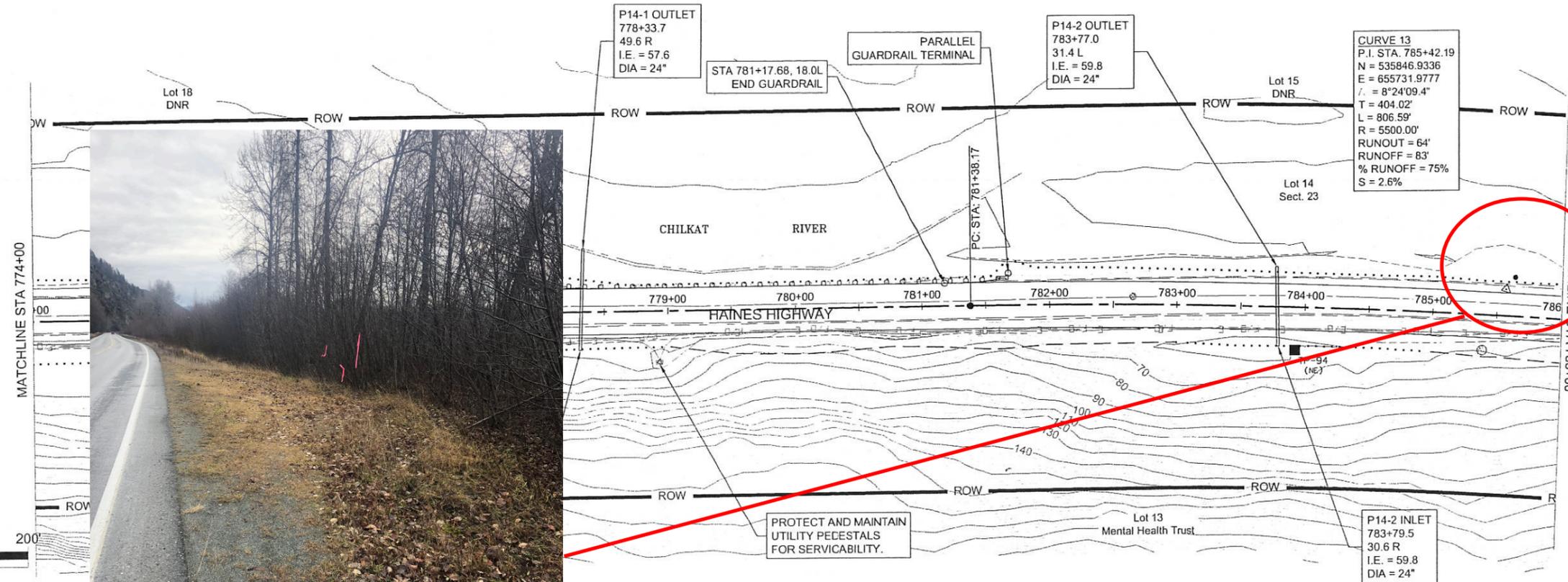
- HNS 17 Provide plan sheets with scale, elevations, slope, materials, etc. along with the artist renditions so that the project can be completely understood.
- HNS 17 Proved a widened area where the existing roadway will be abandoned. Grade the widen area to provide a smooth surface finished with stable material for parking large vehicles towing trailers and boats. Grade the area to provide vehicle access adjacent to the river and the ability to load and unload rafts and canoes.

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 DATE 9/7/2018 16:52 LAYOUT F11 DESIGNED SRT CHECKED NRH DRAFTED CJS

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0956036/SFHWHY00171	2018	F11	F50



NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0956036/SFHWHY00171	2018	F14	F50

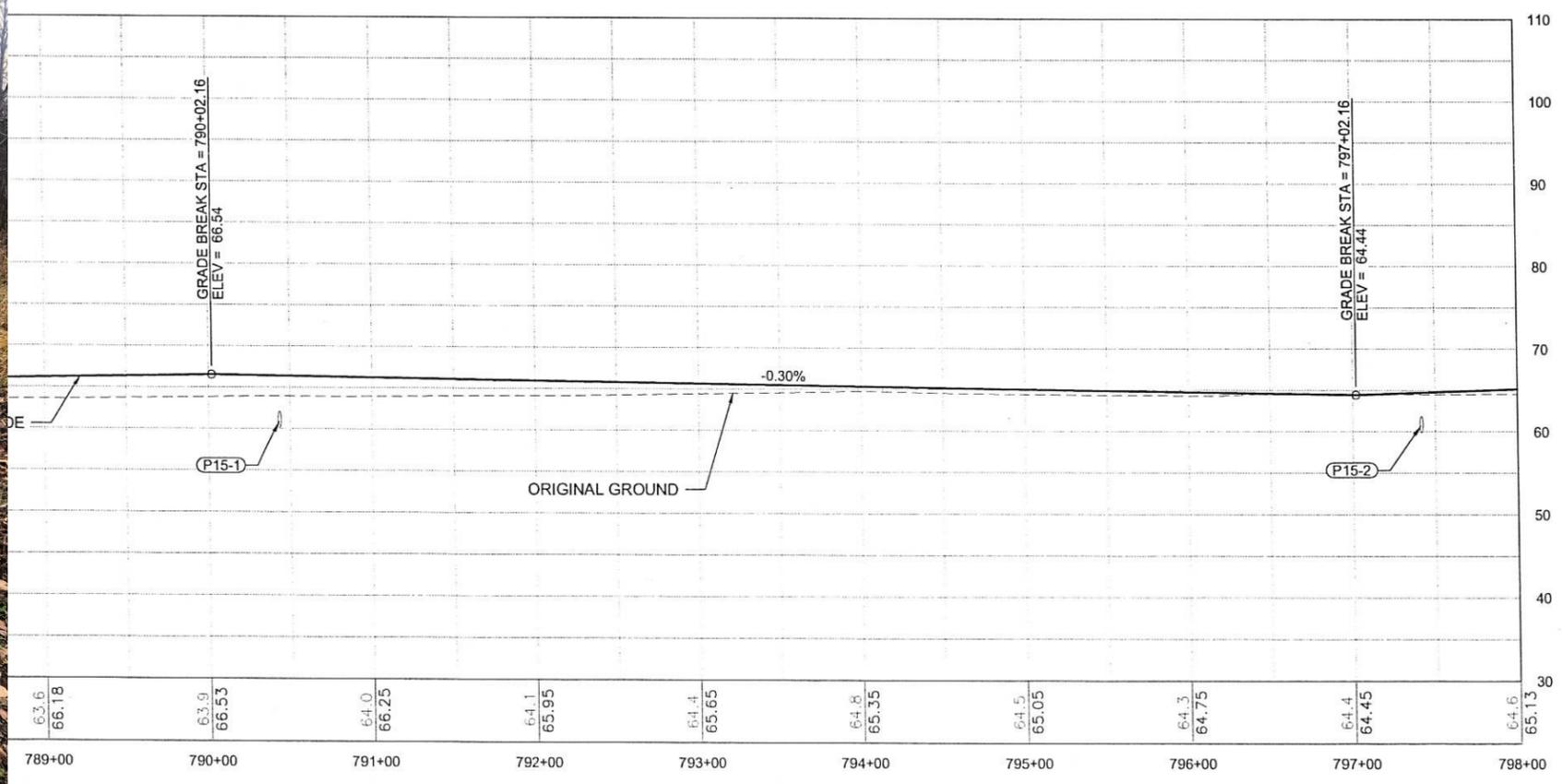
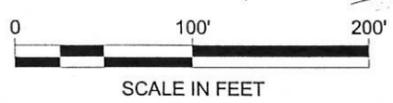
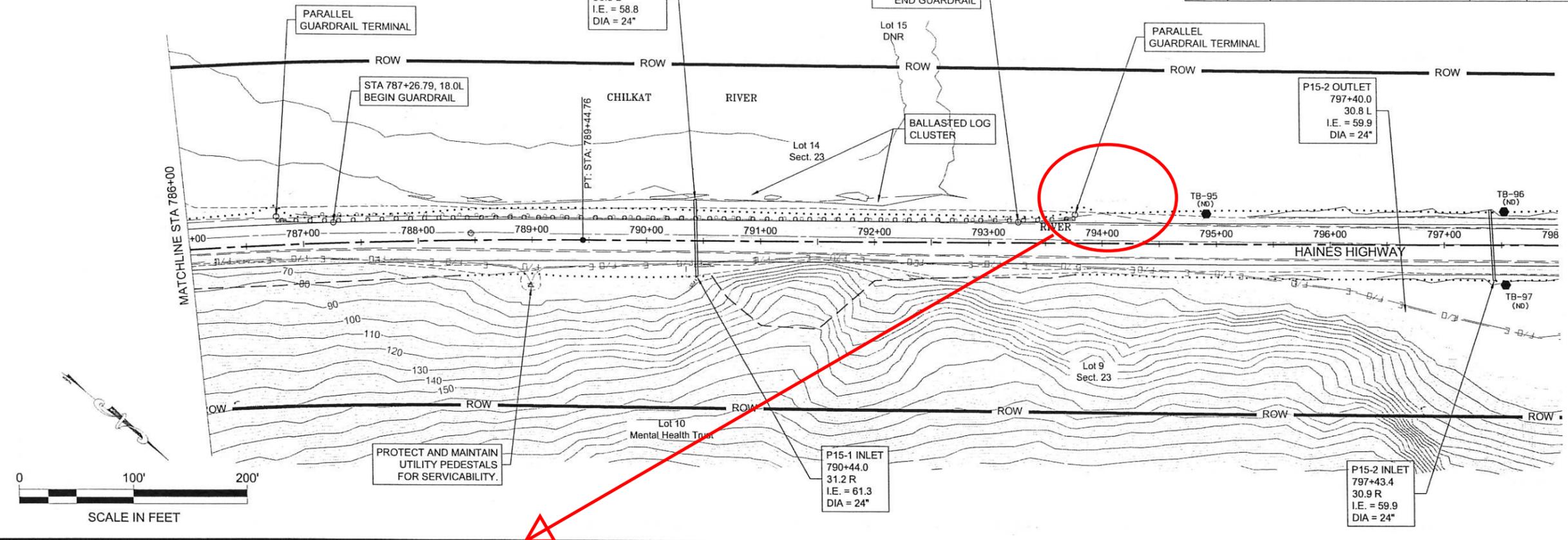


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DATE: 9/7/2018 16:52 LAYOUT: F14 DESIGNED: SRT CHECKED: NRH DRAFTED: CJS

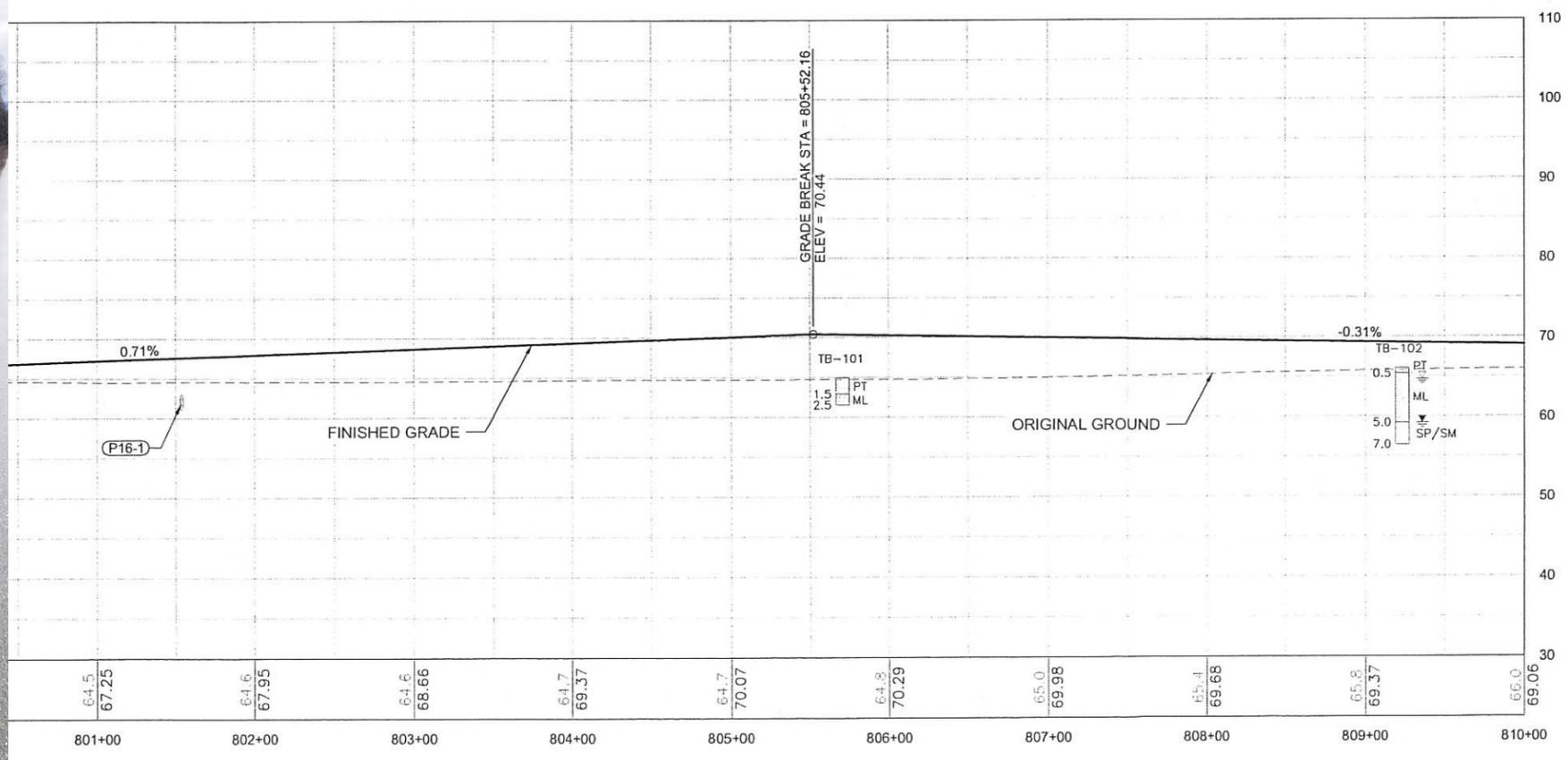
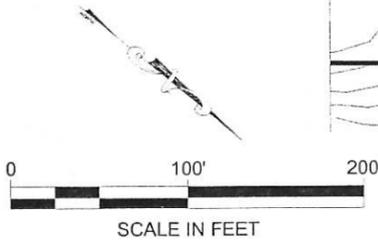
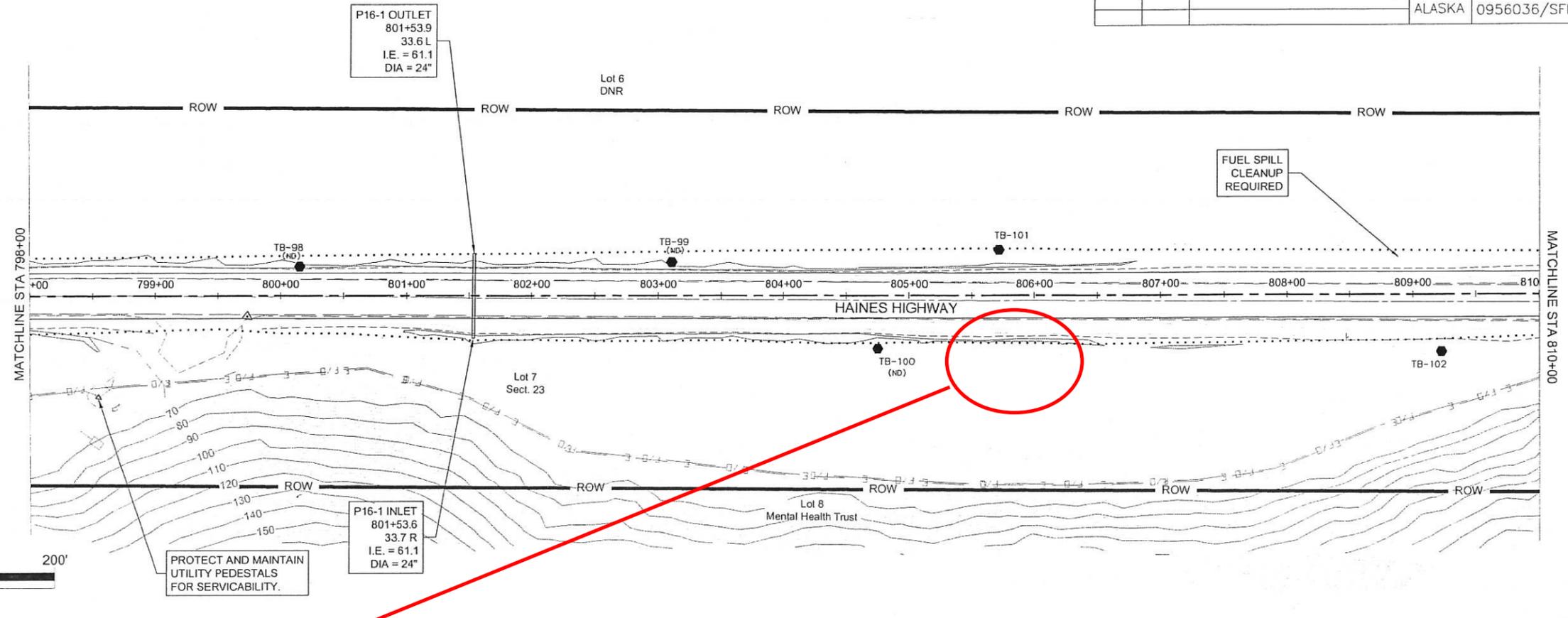
FILE C:\Civil\3D Projects\2016\24\61850-02\Civil\SC-CI-RD-F-61850.dwg DATE 9/7/2018 16:52 LAYOUT F15 DESIGNED SRT CHECKED MRH DRAFTED C.J.S.

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0956036/SFHWHY00171	2018	F15	F50

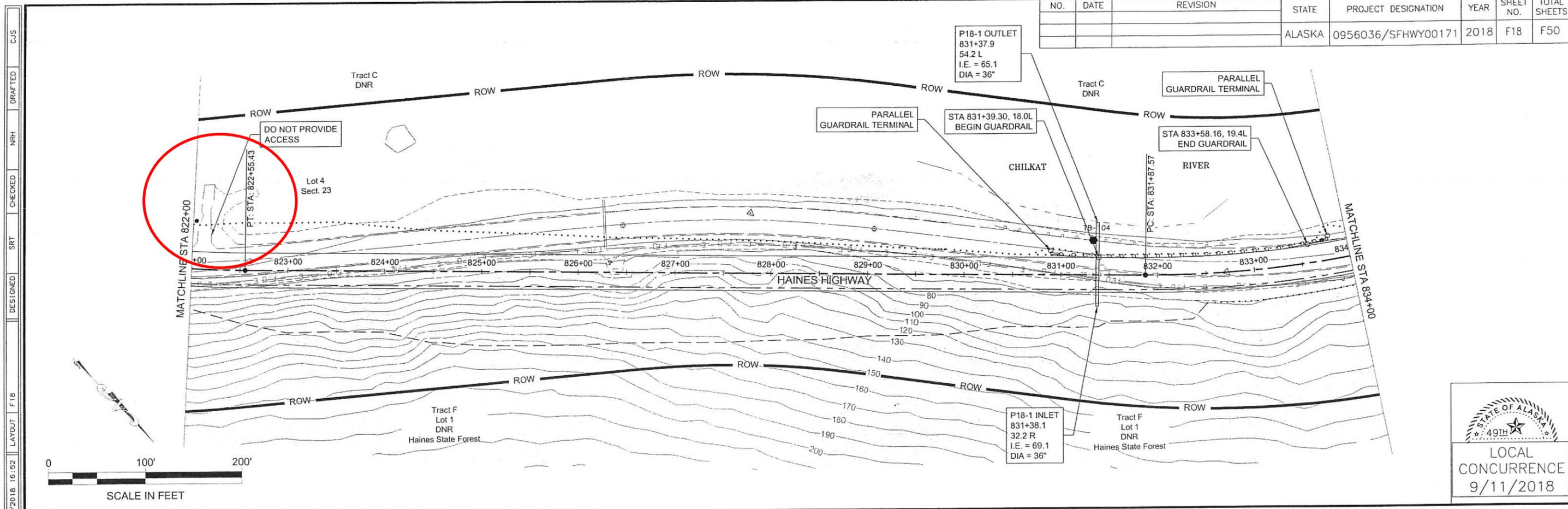


NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0956036/SFHWO0171	2018	F16	F50

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 DATE: 9/7/2018 16:52 LAYOUT: F16 DESIGNED: SRT CHECKED: NRH DRAFTED: CJS



NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0956036/SFHWHY00171	2018	F18	F50



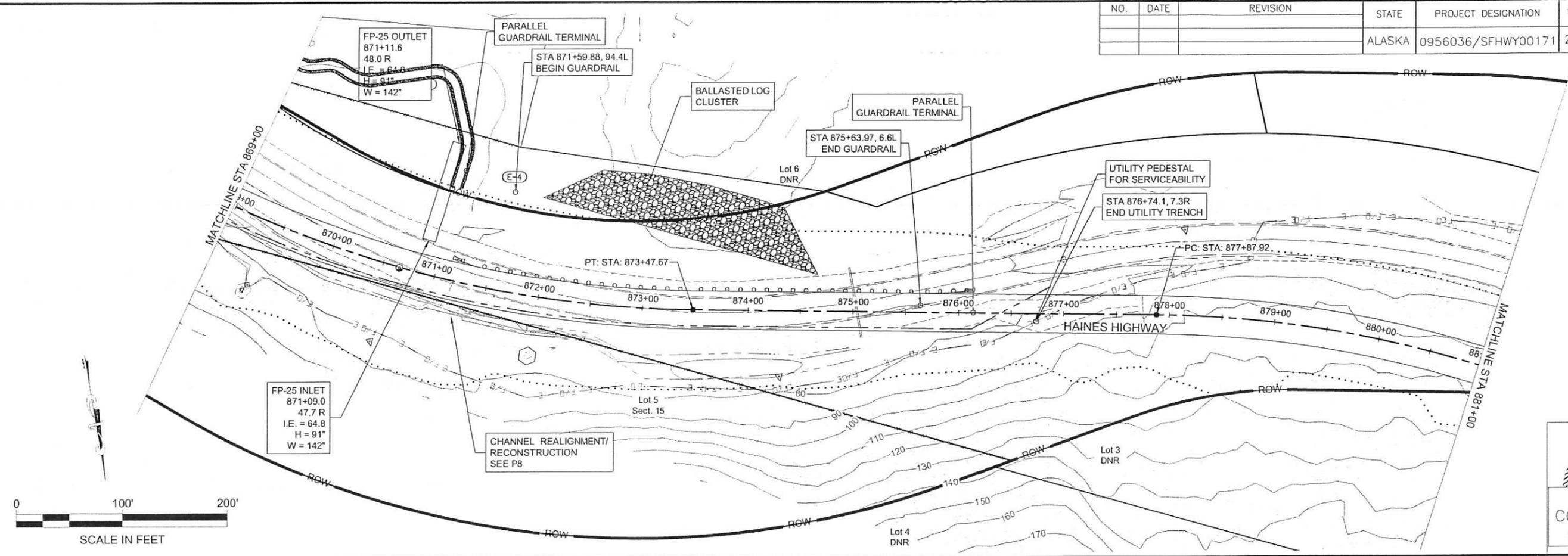
• HNS 18 Widen paved approach, clear brush, create parking for 4 to 6 vehicles. Keep in mind eagle habitat in trees.

FILE C:\Civil\3D Projects\2016\2A\61850-02\Civil\SC-CT-RD-F-61850.dwg

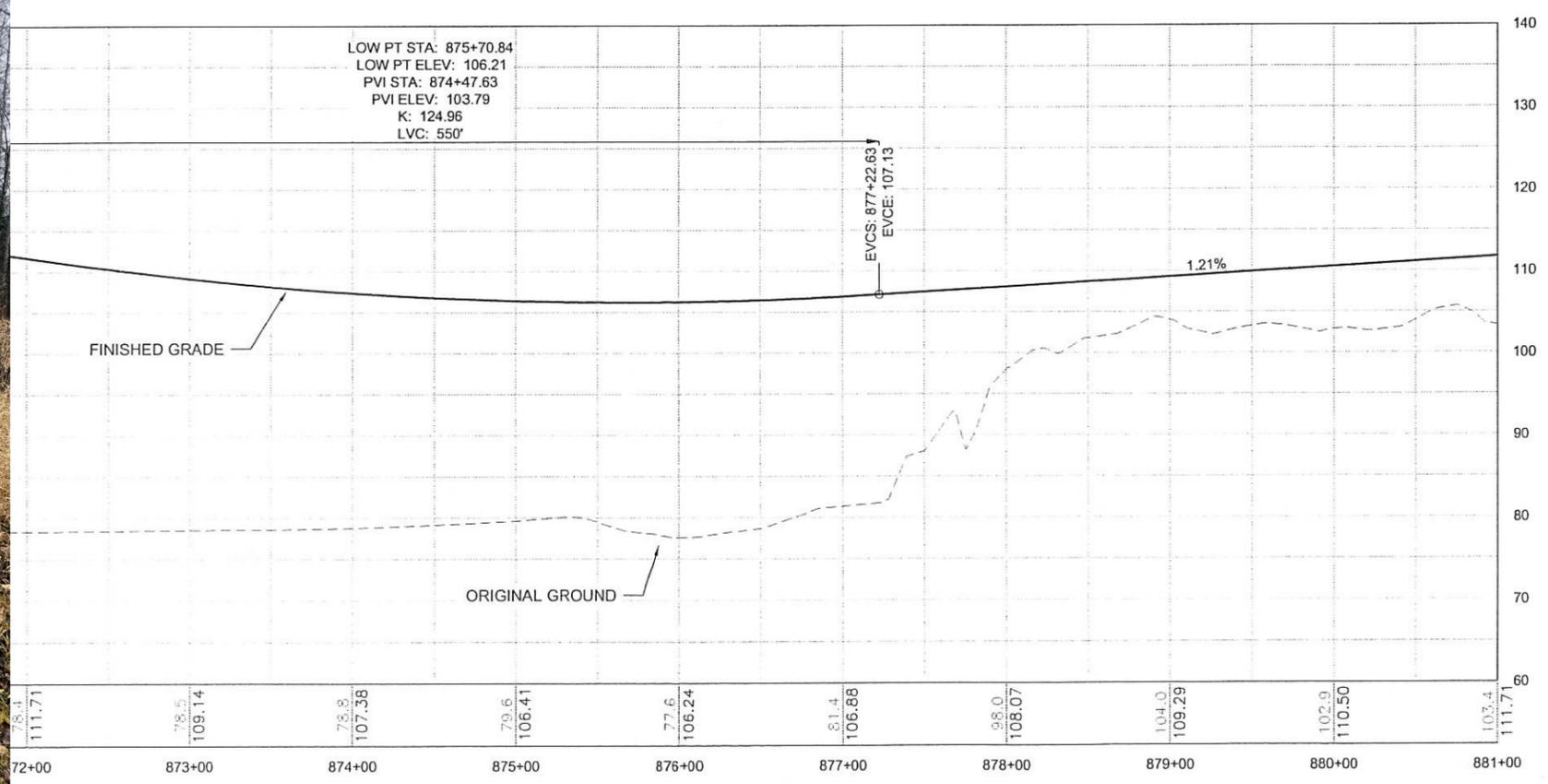
DATE 9/7/2018 16:52 LAYOUT F18 DESIGNED SRT CHECKED NRH DRAFTED CJS

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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0956036/SFHwy00171	2018	F22	F50

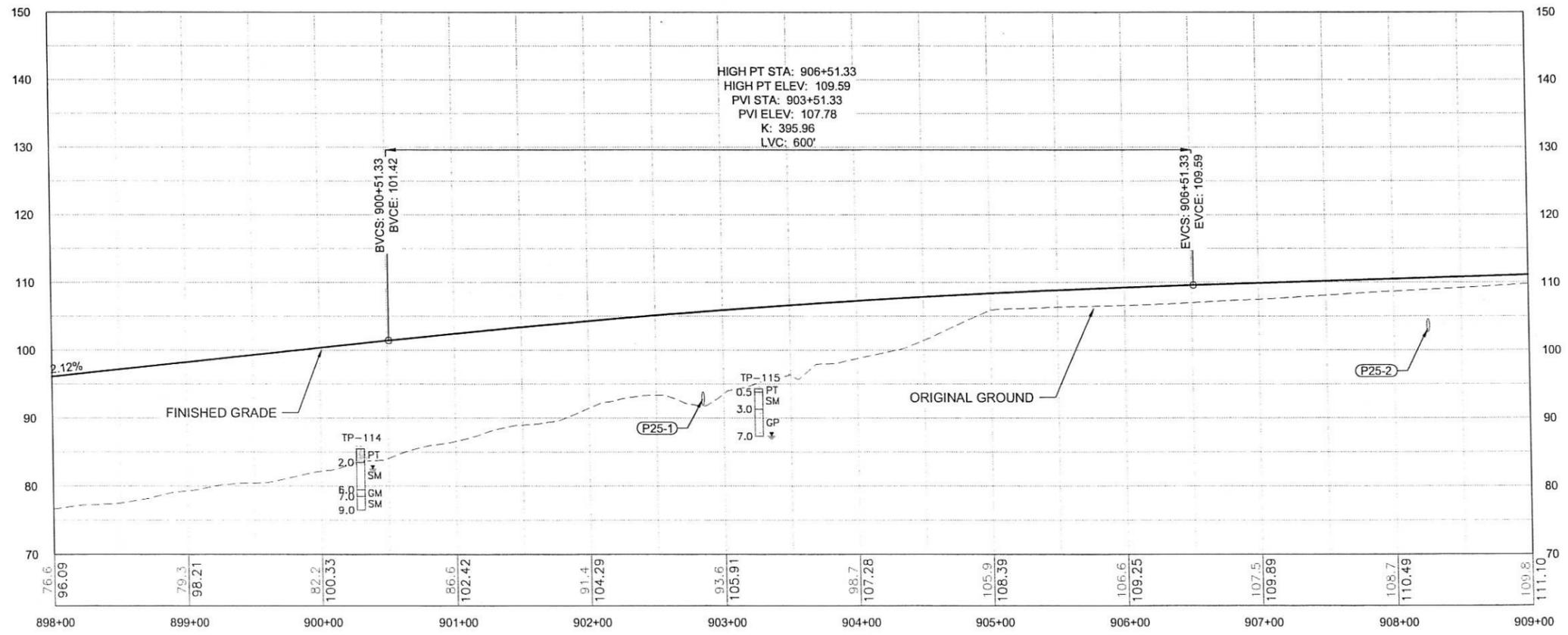
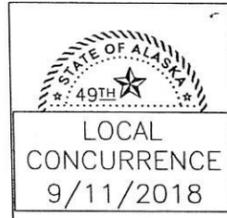
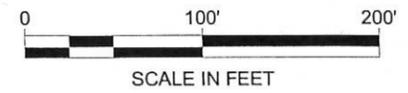
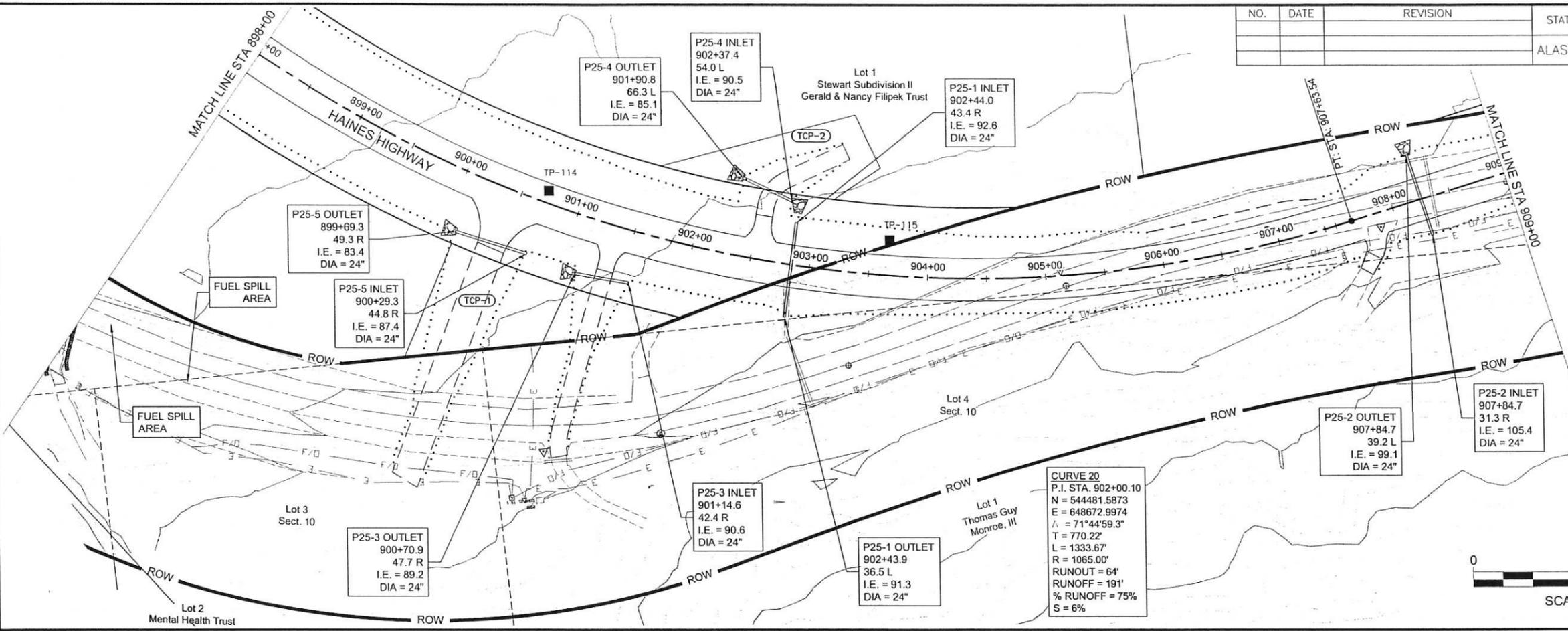


STATE OF ALASKA
49th
LOCAL CONCURRENCE
9/11/2018



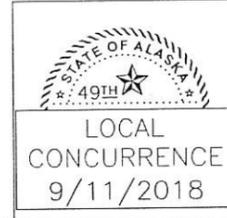
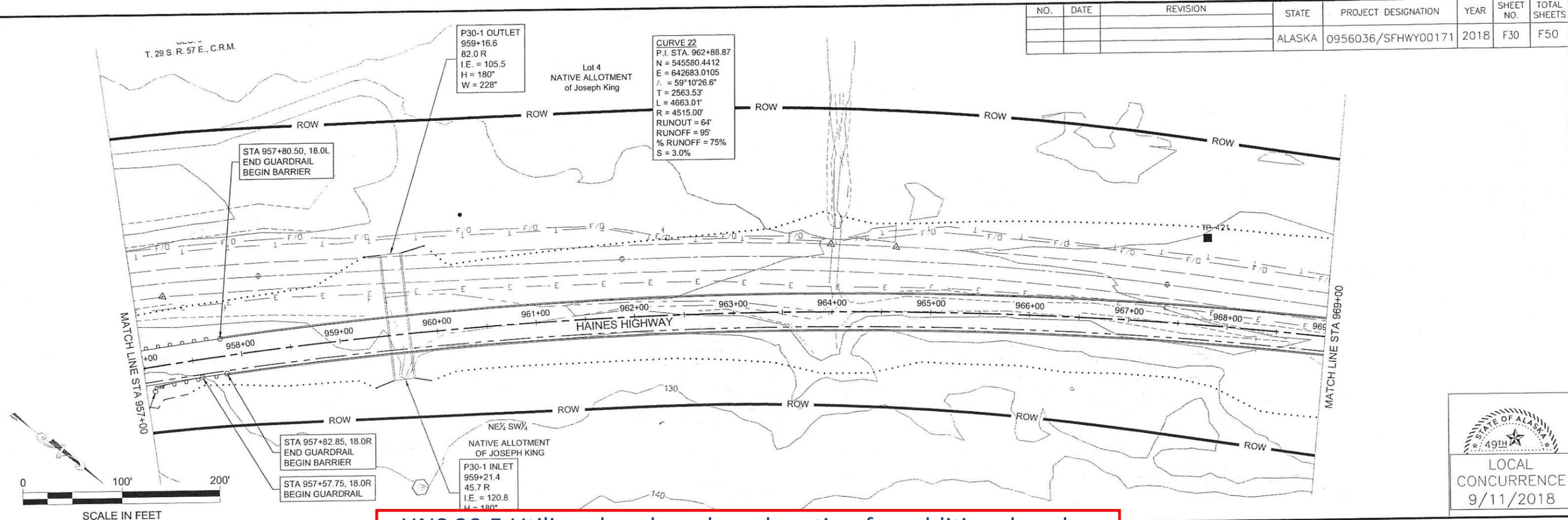
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 DATE 9/7/2018 16:52 LAYOUT F25 DESIGNED SRT CHECKED NRH DRAFTED CJS

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0956036/SFHWD00171	2018	F25	F50

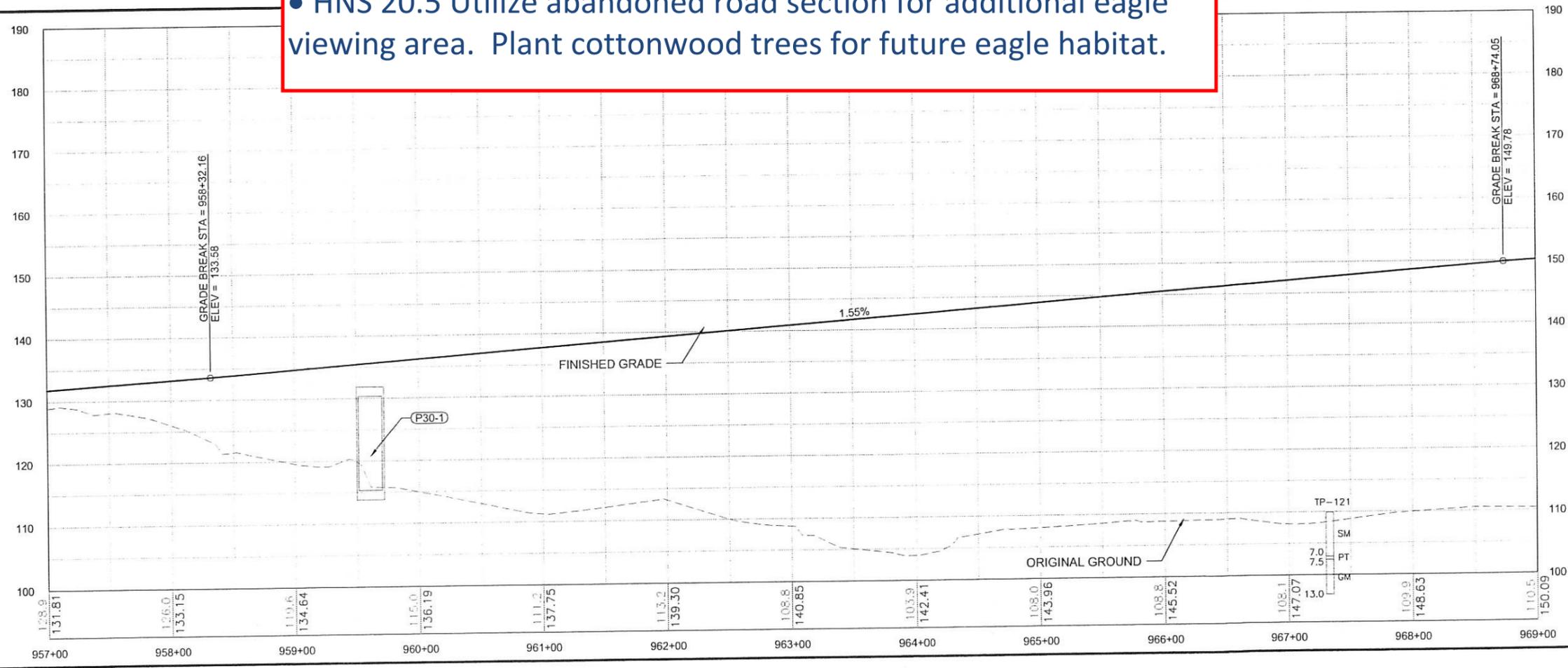


NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0956036/SFHwy00171	2018	F30	F50

FILE: C:\Civil\3D Projects\2016\161850-02\Civil\SC-CT-RD-F-61850.dwg
 DATE: 9/7/2018 16:52 LAYOUT: F30 DESIGNED: SRT CHECKED: NRH DRAFTED: CJS

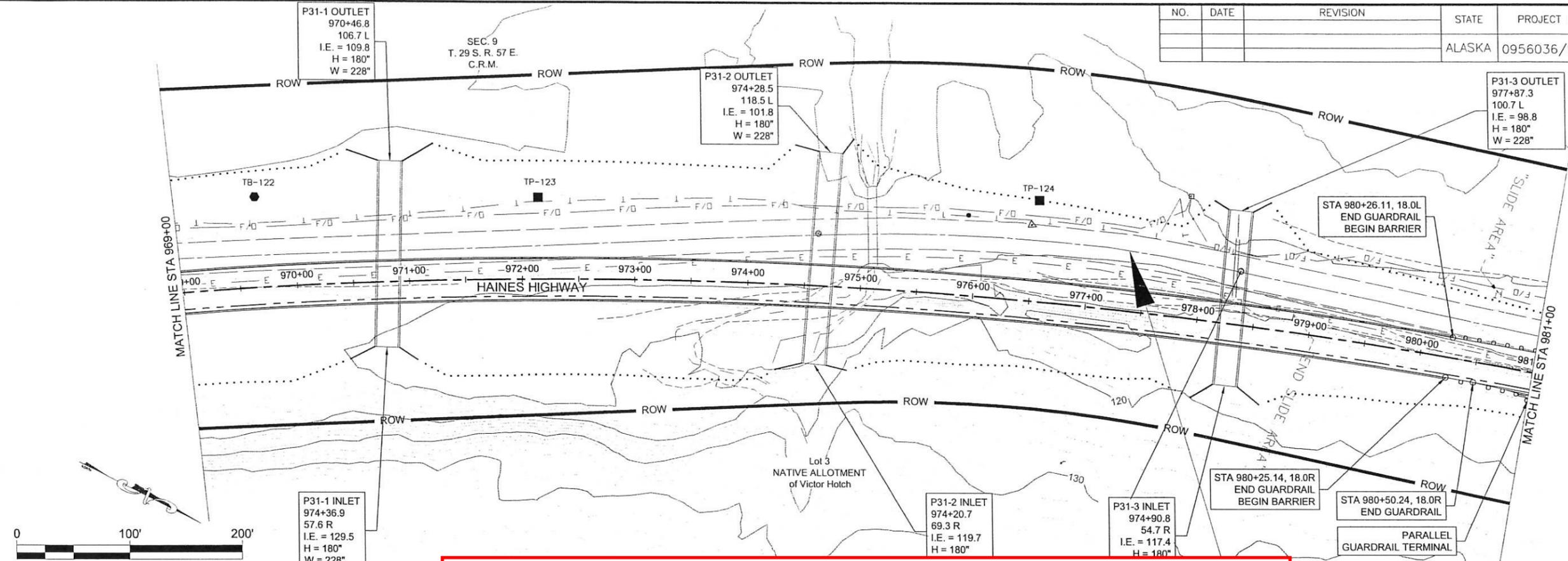


• HNS 20.5 Utilize abandoned road section for additional eagle viewing area. Plant cottonwood trees for future eagle habitat.

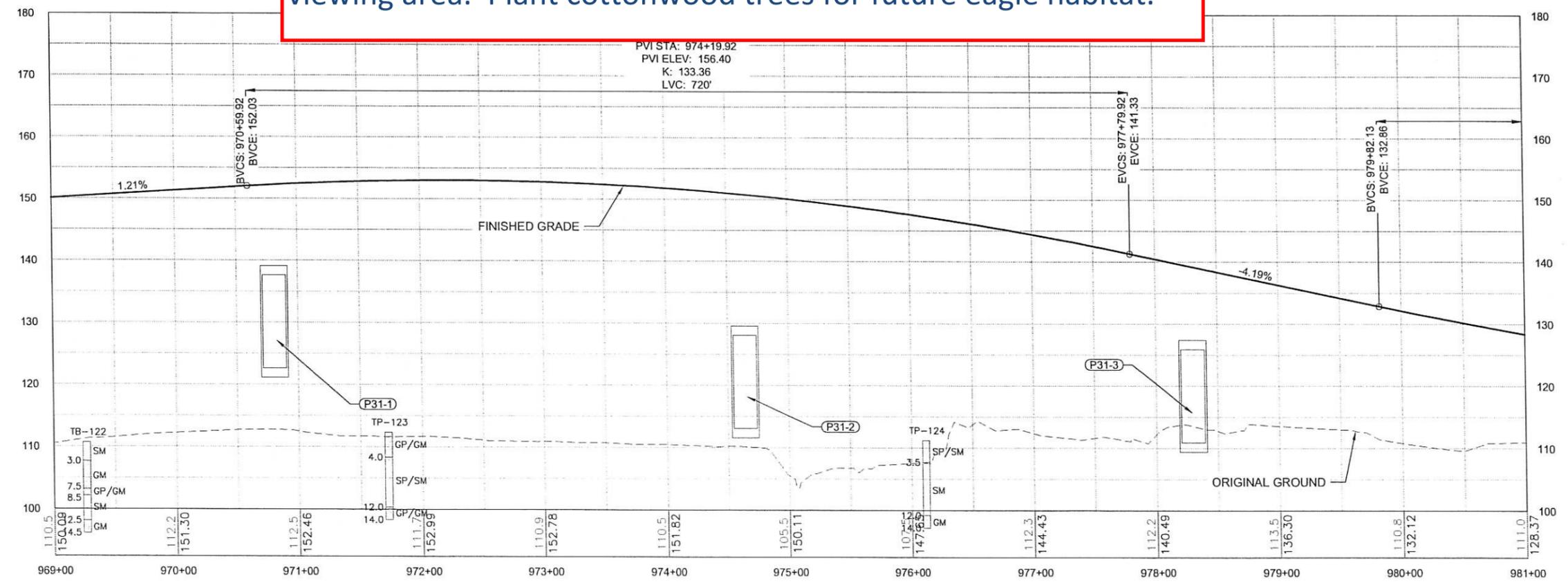


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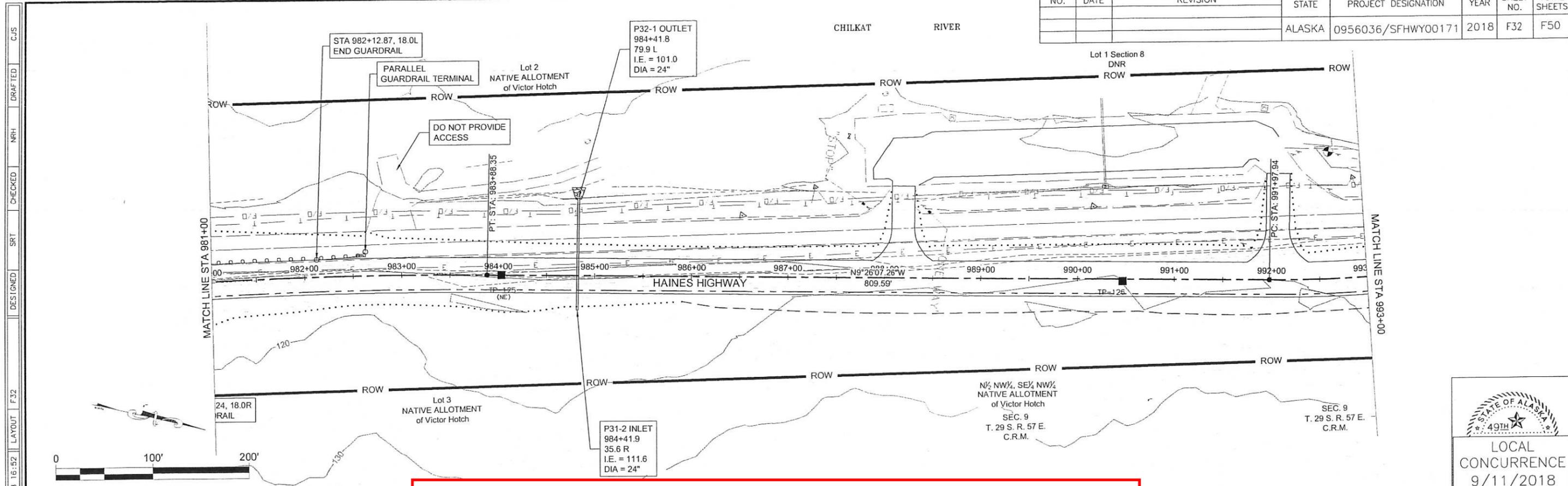
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			ALASKA	0956036/SFHWO0171	2018	F31	F50



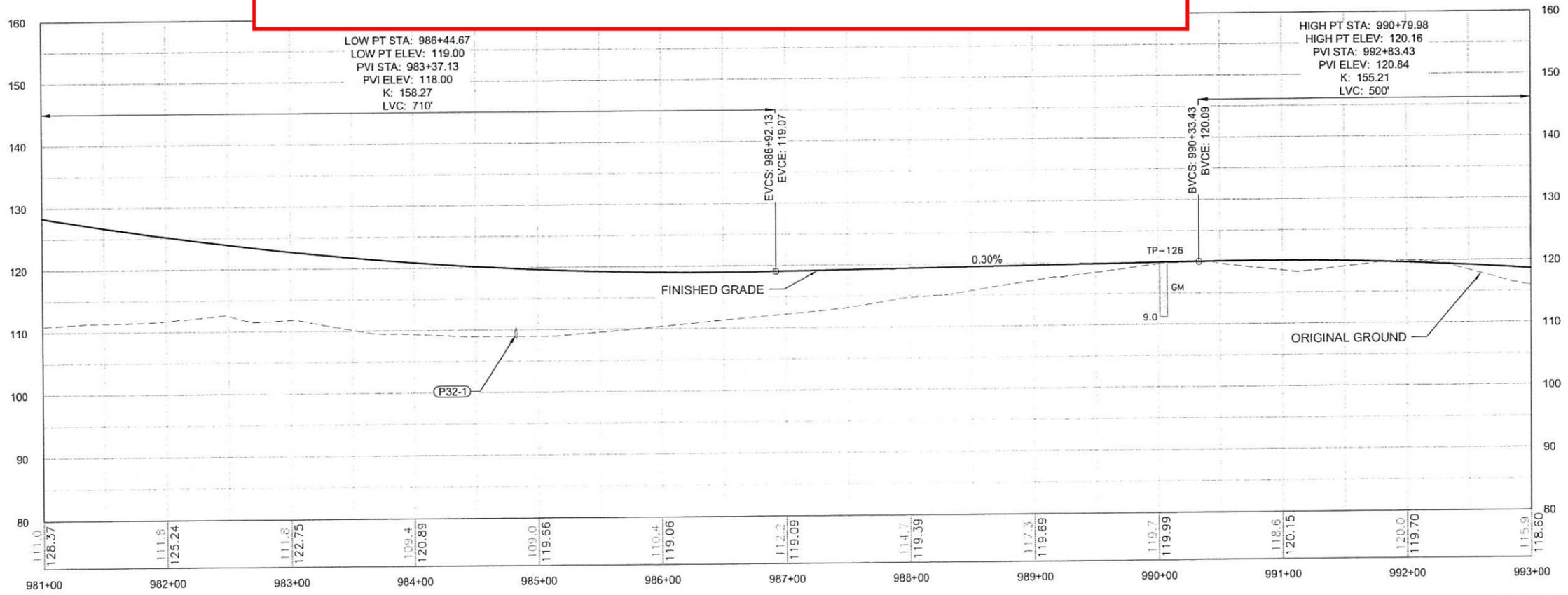
• HNS 20.5 Utilize abandoned road section for additional eagle viewing area. Plant cottonwood trees for future eagle habitat.



NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0956036/SFHWHY00171	2018	F32	F50



• HNS 20.5 Utilize abandoned road section for additional eagle viewing area. Plant cottonwood trees for future eagle habitat.

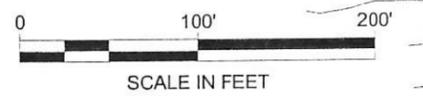
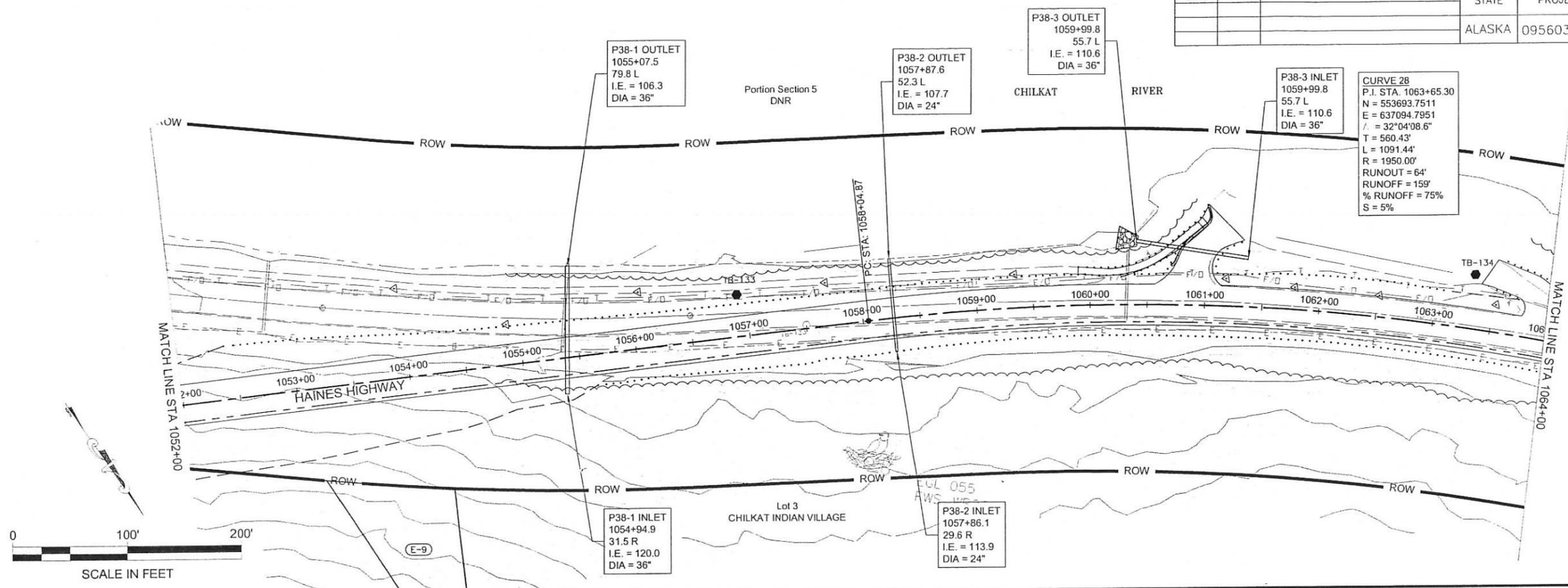


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DATE 9/7/2018 16:52 LAYOUT F32 DESIGNED SRT CHECKED MPH DRAFTED CJS

FILE: C:\CivIT\3D Projects\2016\2A\1850-02\CIV\1\SC-C1-RD-F-61850.dwg DATE: 9/7/2018 16:52 LAYOUT: F38 DESIGNED: SRT CHECKED: NRH DRAFTED: CJS

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0956036/SFHwy00171	2018	F38	F50



HNS 24 & 25 Maintain as is
maintain grassy island
between road and parking
area. Improve boat launch.
Add an outhouse.

