

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

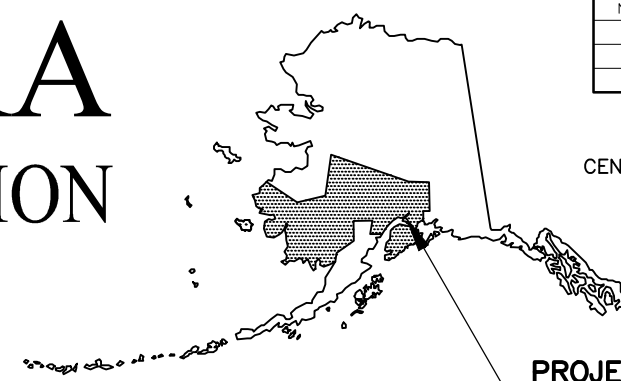
PROPOSED HIGHWAY PROJECT

GLENN HWY: AIRPORT HEIGHTS TO PARKS HWY REHABILITATION

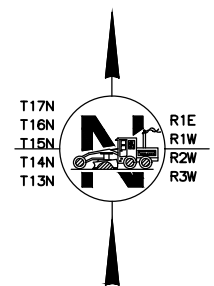
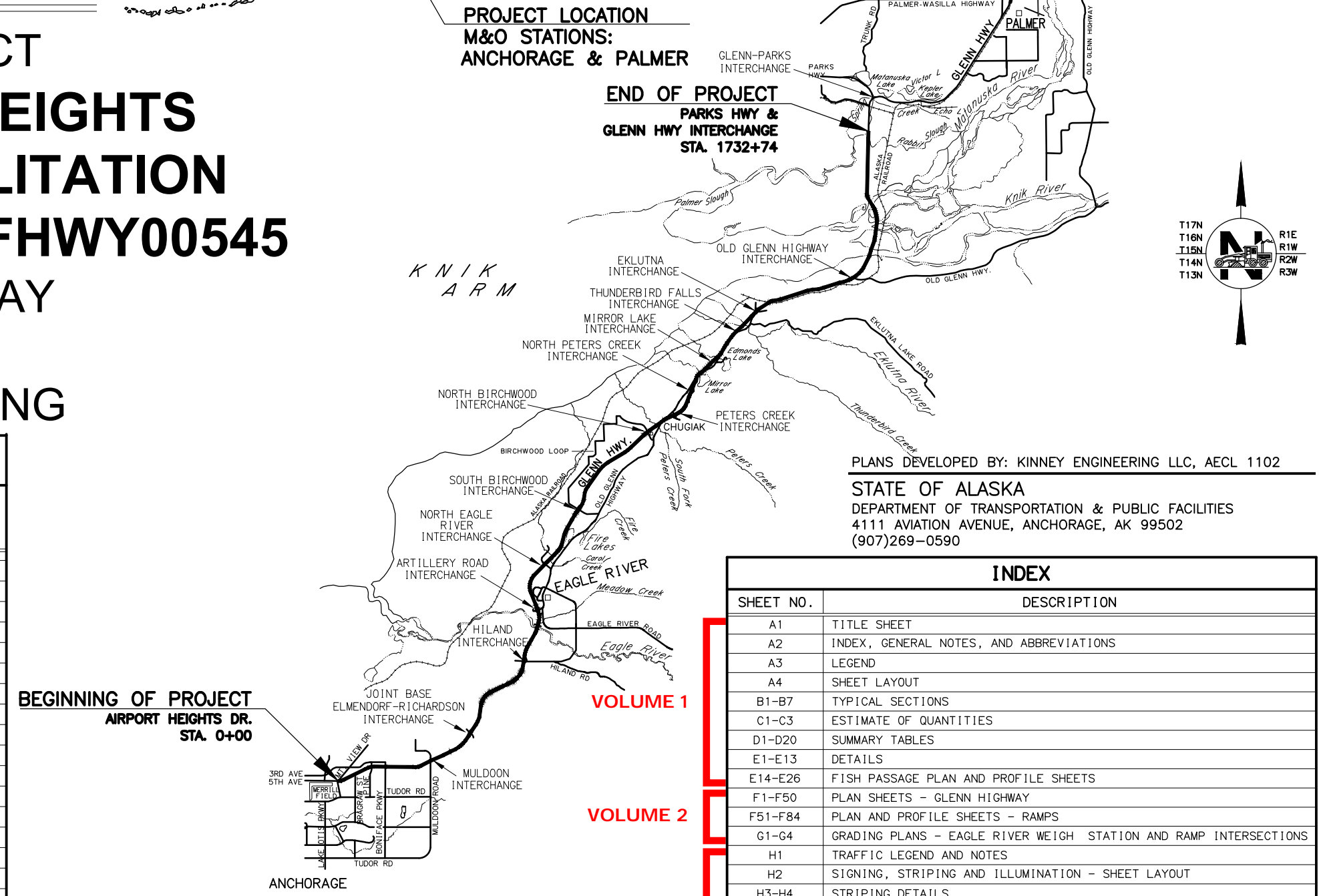
PROJECT NO. 0001656/CFHWY00545

GRADING, DRAINAGE, PATHWAY ILLUMINATION, PLANING, PAVING, SIGNING, AND STRIPING

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001656/CFHWY00545 0A16056/CFHWY01033	2024	A1	314
ROUTE ID			135000	MILEPOINT	0.00 - 32.83		
LATITUDE			61.379	LONGITUDE	-149.524		



PIH
9/3/2024



PLANS DEVELOPED BY: KINNEY ENGINEERING LLC, AECL 1102

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
4111 AVIATION AVENUE, ANCHORAGE, AK 99502
(907)269-0590

INDEX	
SHEET NO.	DESCRIPTION
A1	TITLE SHEET
A2	INDEX, GENERAL NOTES, AND ABBREVIATIONS
A3	LEGEND
A4	SHEET LAYOUT
B1-B7	TYPICAL SECTIONS
C1-C3	ESTIMATE OF QUANTITIES
D1-D20	SUMMARY TABLES
E1-E13	DETAILS
E14-E26	FISH PASSAGE PLAN AND PROFILE SHEETS
F1-F50	PLAN SHEETS - GLENN HIGHWAY
F51-F84	PLAN AND PROFILE SHEETS - RAMPS
G1-G4	GRADING PLANS - EAGLE RIVER WEIGH STATION AND RAMP INTERSECTIONS
H1	TRAFFIC LEGEND AND NOTES
H2	SIGNING, STRIPING AND ILLUMINATION - SHEET LAYOUT
H3-H4	STRIPING DETAILS
H5-H6	SIGN DETAILS
H7-H14	LIGHTING DETAILS
H15-H17	LIGHTING SUMMARIES
H23-H72	SIGNING, STRIPING, AND ILLUMINATION
H73-H91	SIGNING, STRIPING, AND ILLUMINATION - RAMPS
H92-H94	SIGNING, STRIPING, AND ILLUMINATION - RAMP INTERSECTIONS
H95-H100	SIGN SUMMARIES
J1-J7	TRAFFIC CONTROL
K1-K11	ATR, RWIS, AND WIM PLANS AND DETAILS
N1-N51	BRIDGE SHEETS

DESIGN DESIGNATIONS			
ROADWAY	FUNCTIONAL CLASS	AADT (2019)	POSTED SPEED (MPH)
GLENN HIGHWAY MP 0.000 (AIRPORT HEIGHTS DR.)	INTERSTATE	49,423	55
GLENN HIGHWAY MP 0.663 (BRAGAW ST. INTERCHANGE)	INTERSTATE	55,818	65
GLENN HIGHWAY MP 1.708 (BONIFACE PKWY. INTERCHANGE)	INTERSTATE	67,082	65
GLENN HIGHWAY MP 2.373 (TURPIN RD. RAMPS)	INTERSTATE	66,091	65
GLENN HIGHWAY MP 3.236 (MULDOON RD. INTERCHANGE)	INTERSTATE	68,088	65
GLENN HIGHWAY MP 4.827 (ARCTIC VALLEY RD RAMPS)	INTERSTATE	64,953	65
GLENN HIGHWAY MP 6.323 (FORT RICHARDSON GATE INTERCHANGE)	INTERSTATE	61,458	65
GLENN HIGHWAY MP 10.324 (HILAND RD. INTERCHANGE)	INTERSTATE	48,287	65
GLENN HIGHWAY MP 12.111 (ARTILLERY RD. INTERCHANGE)	INTERSTATE	41,078	65
GLENN HIGHWAY MP 13.965 (N. EAGLE RIVER INTERCHANGE)	INTERSTATE	44,800	65
GLENN HIGHWAY MP 15.965 (S. BIRCHWOOD LP. INTERCHANGE)	INTERSTATE	40,806	65
GLENN HIGHWAY MP 19.4 (N. BIRCHWOOD LP. INTERCHANGE)	INTERSTATE	37,525	65
GLENN HIGHWAY MP 20.382 (PETERS CREEK INTERCHANGE)	INTERSTATE	36,070	65
GLENN HIGHWAY MP 21.418 (MIRROR LAKE RAMPS)	INTERSTATE	35,218	65
GLENN HIGHWAY MP 24.723 (EKLUTNA INTERCHANGE)	INTERSTATE	33,422	65
GLENN HIGHWAY MP 28.236 (OLD GLENN HIGHWAY INTERCHANGE)	INTERSTATE	30,127	65
GLENN HIGHWAY MP 33.077 (GLENN-PARKS INTERCHANGE)	INTERSTATE		65

PROJECT SUMMARY		
ROADWAY	WIDTH	LENGTH
GLENN HIGHWAY NB MP 0 - MP 12.64	54 - 55 FEET	12.64 MILES
GLENN HIGHWAY NB MP 12.64 - MP 32.83	36 - 40 FEET	20.19 MILES
GLENN HIGHWAY SB MP 0 - MP 12.07	54 - 55 FEET	12.07 MILES
GLENN HIGHWAY SB MP 12.07 - MP 32.83	36 - 38 FEET	12.76 MILES

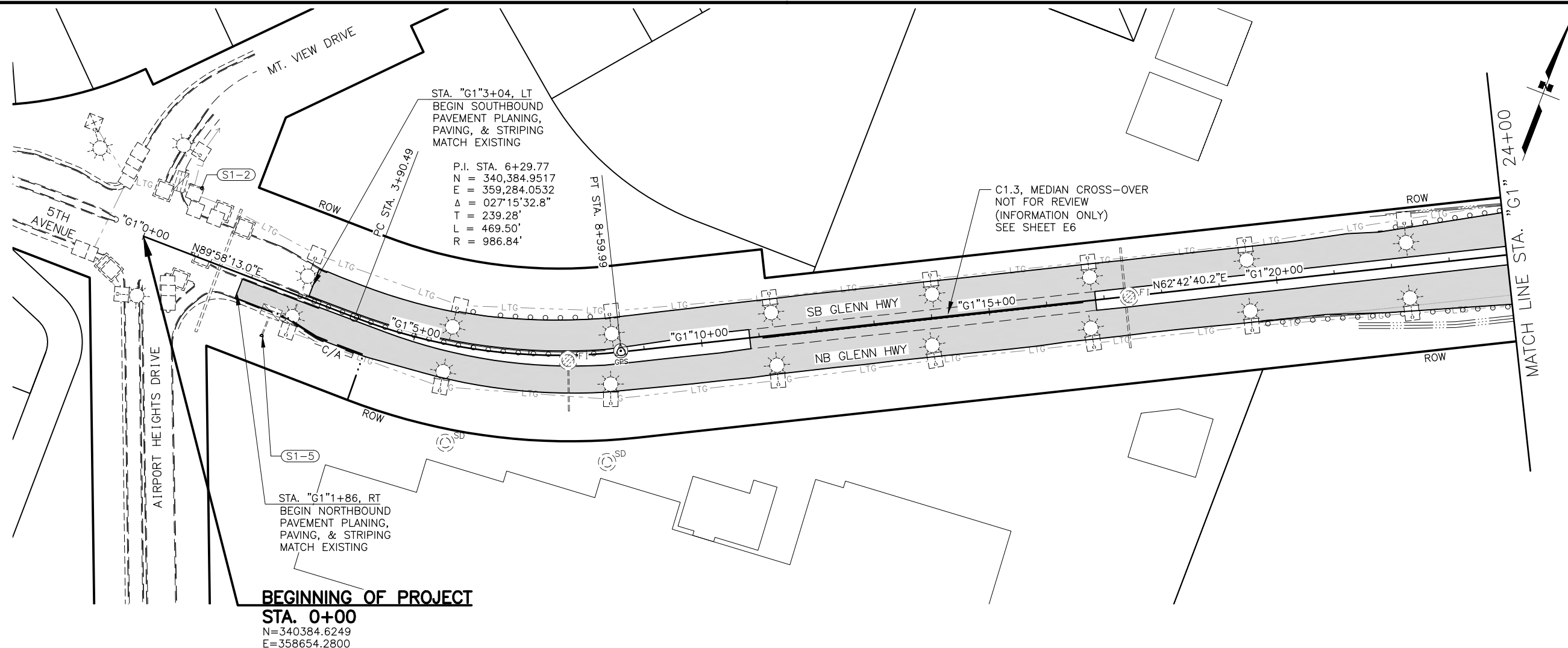
MILEPOINT VALUES BASED ON GLENN HIGHWAY NB

VOLUME 2 OF 4
PRELIMINARY

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BEGINNING OF PROJECT
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AIRPORT HEIGHTS DRIVE INTERSECTION

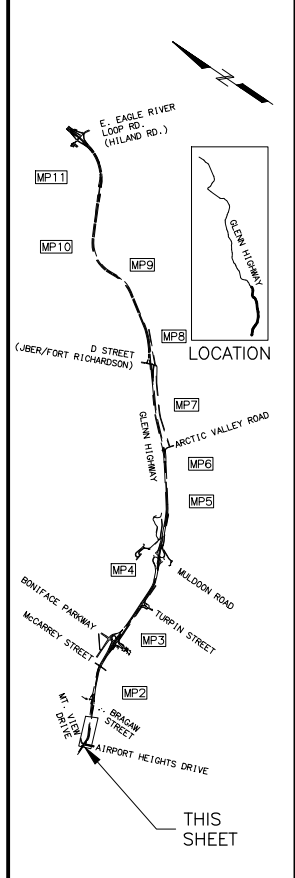
LEGEND

MILEPOST DESIGNATION #

NOTES:

RAMP AND CROSS OVER LAYOUTS ARE NOT SHOWN FOR CLARITY. SEE SHEETS F51-F84 FOR RAMP CONSTRUCTION DETAILS.

SHEET NO.	TOTAL SHEETS
F1	F84
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
NO.	REVISION
NO.	REVISION



PIH
 8/29/2024

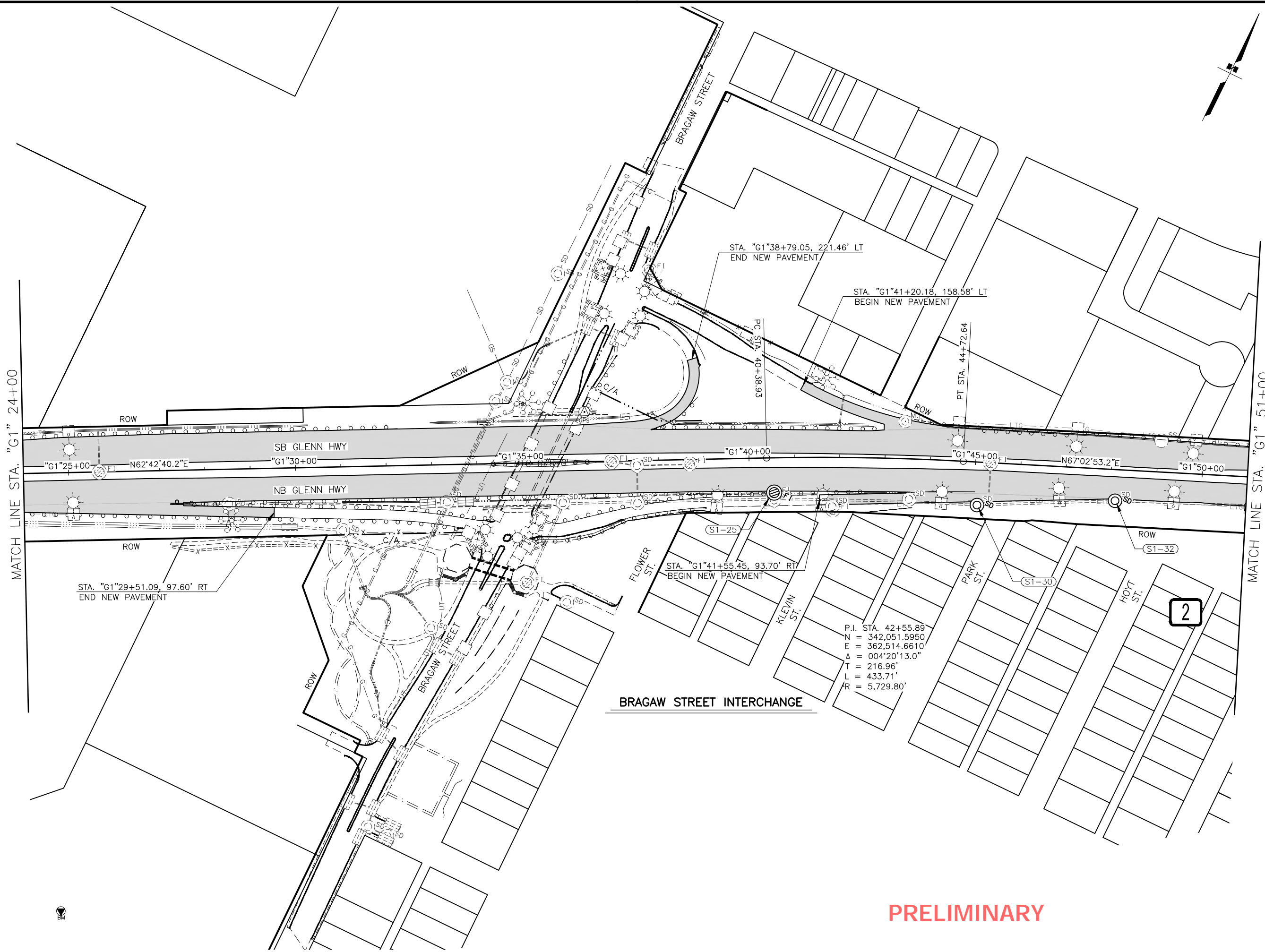
PLANS DEVELOPED BY:
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 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

PLAN
STA. 0+00 TO
STA. 24+00

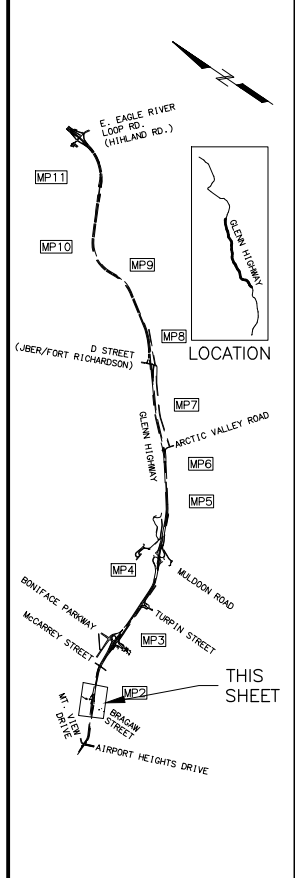
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PRELIMINARY

SHEET NO.	TOTAL SHEETS
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STATE	YEAR
ALASKA	2024
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NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



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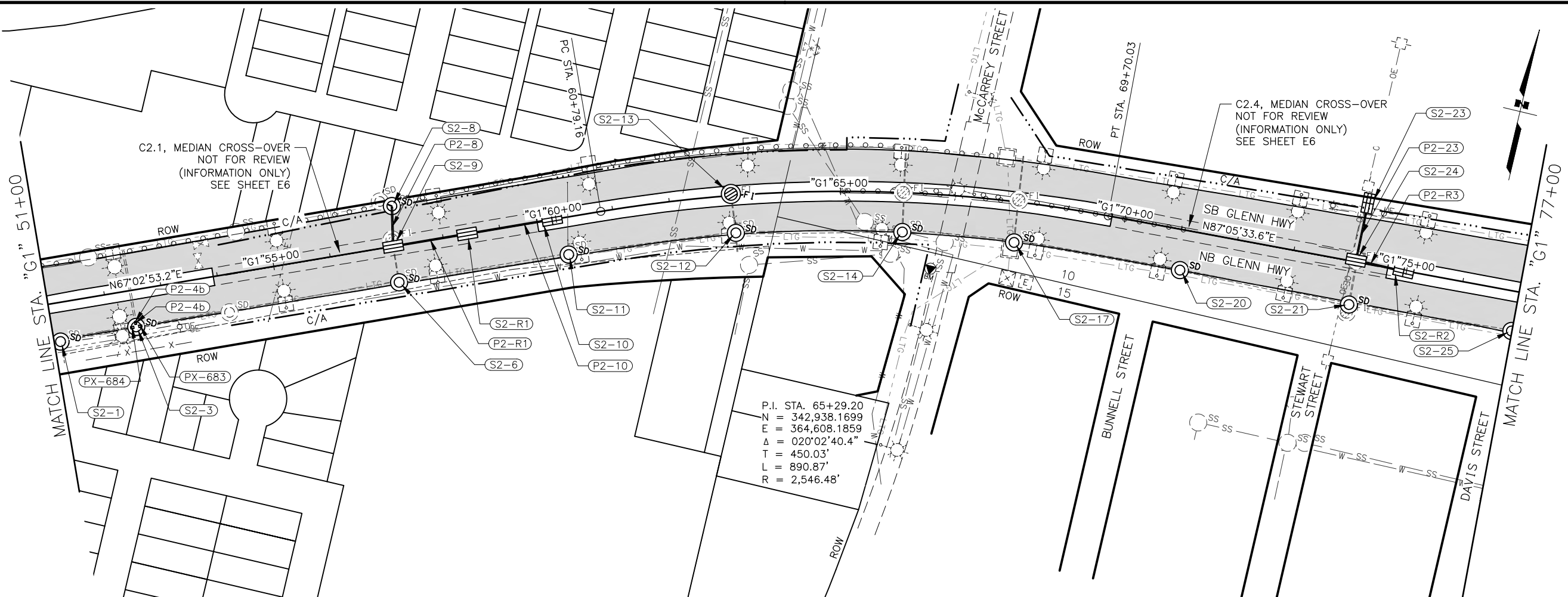
8/29/2024

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STATE OF ALASKA
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 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

PLAN
 STA. 24+00 TO
 STA. 51+00

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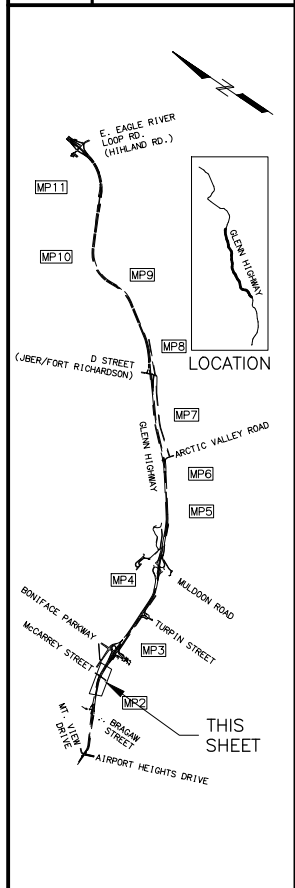


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 L = 890.87'
 R = 2,546.48'

SHEET NO.	TOTAL SHEETS
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STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION



PIH
 8/29/2024

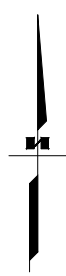
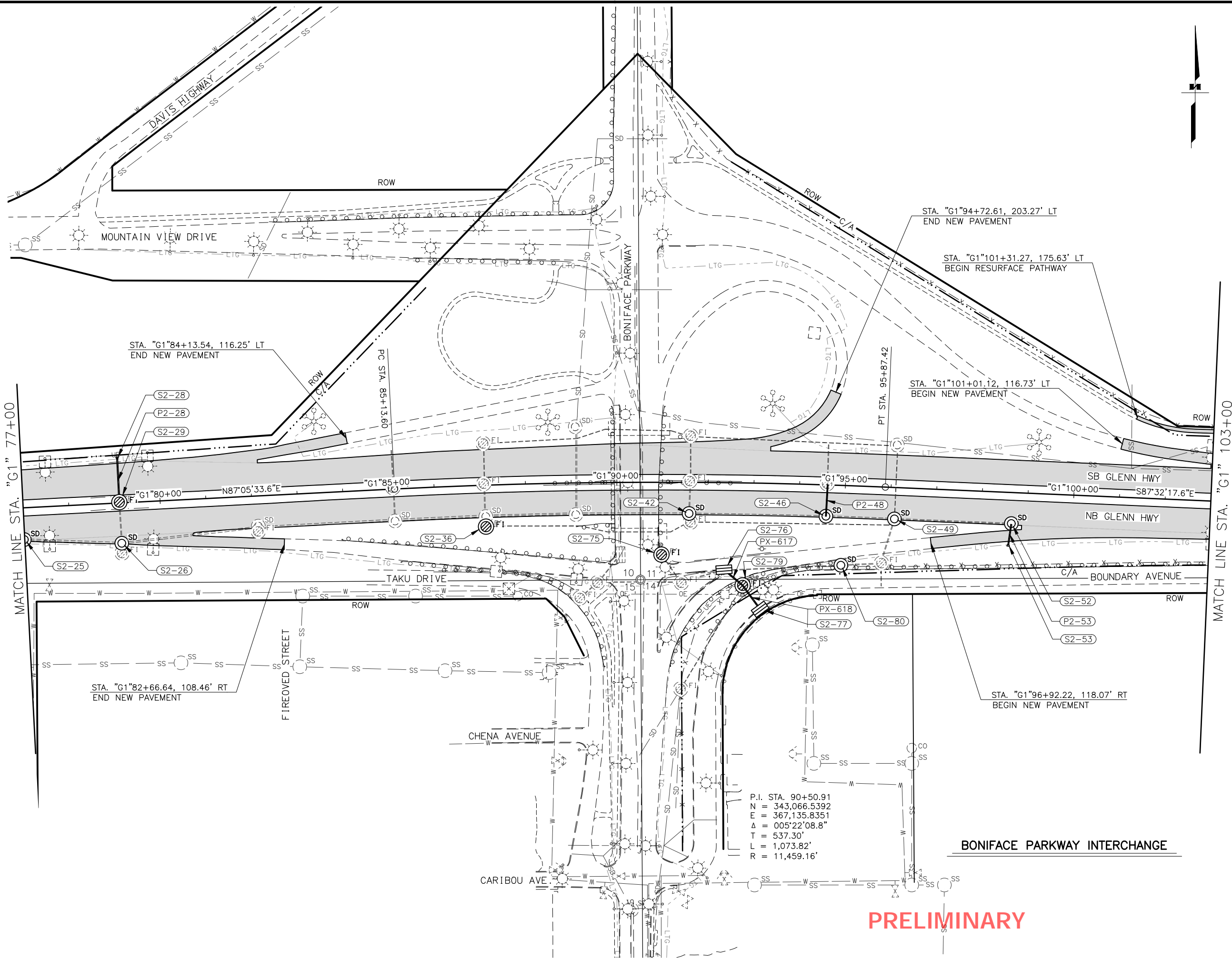
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**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

PLAN
 STA. 51+00 TO
 STA. 77+00

PRELIMINARY

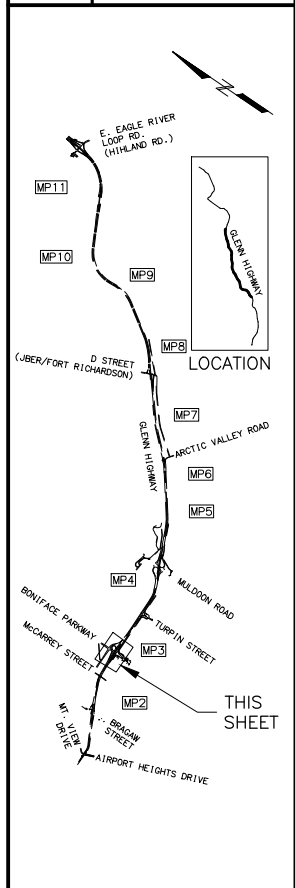
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SHEET NO.	TOTAL SHEETS
F4	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION



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8/29/2024

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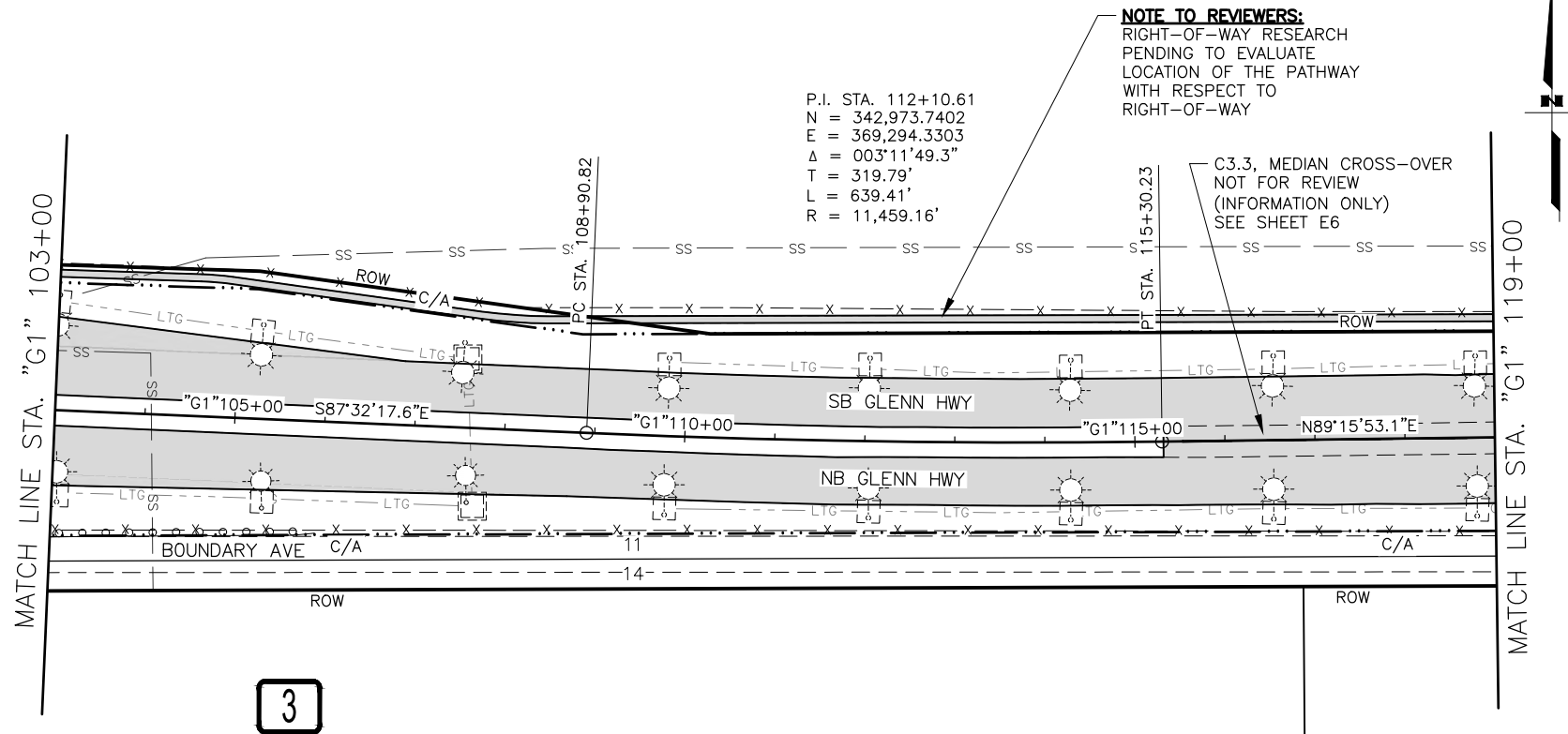
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

PLAN
 STA. 77+00 TO
 STA. 103+00

PRELIMINARY

BONIFACE PARKWAY INTERCHANGE

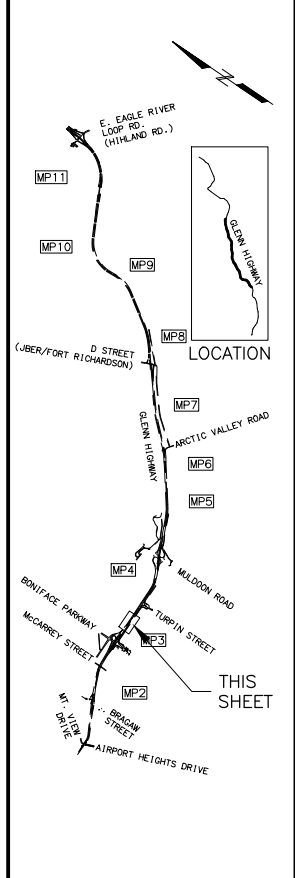
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3

PRELIMINARY

SHEET NO. F5	TOTAL SHEETS F84
STATE ALASKA	YEAR 2024
PROJECT DESIGNATION 0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



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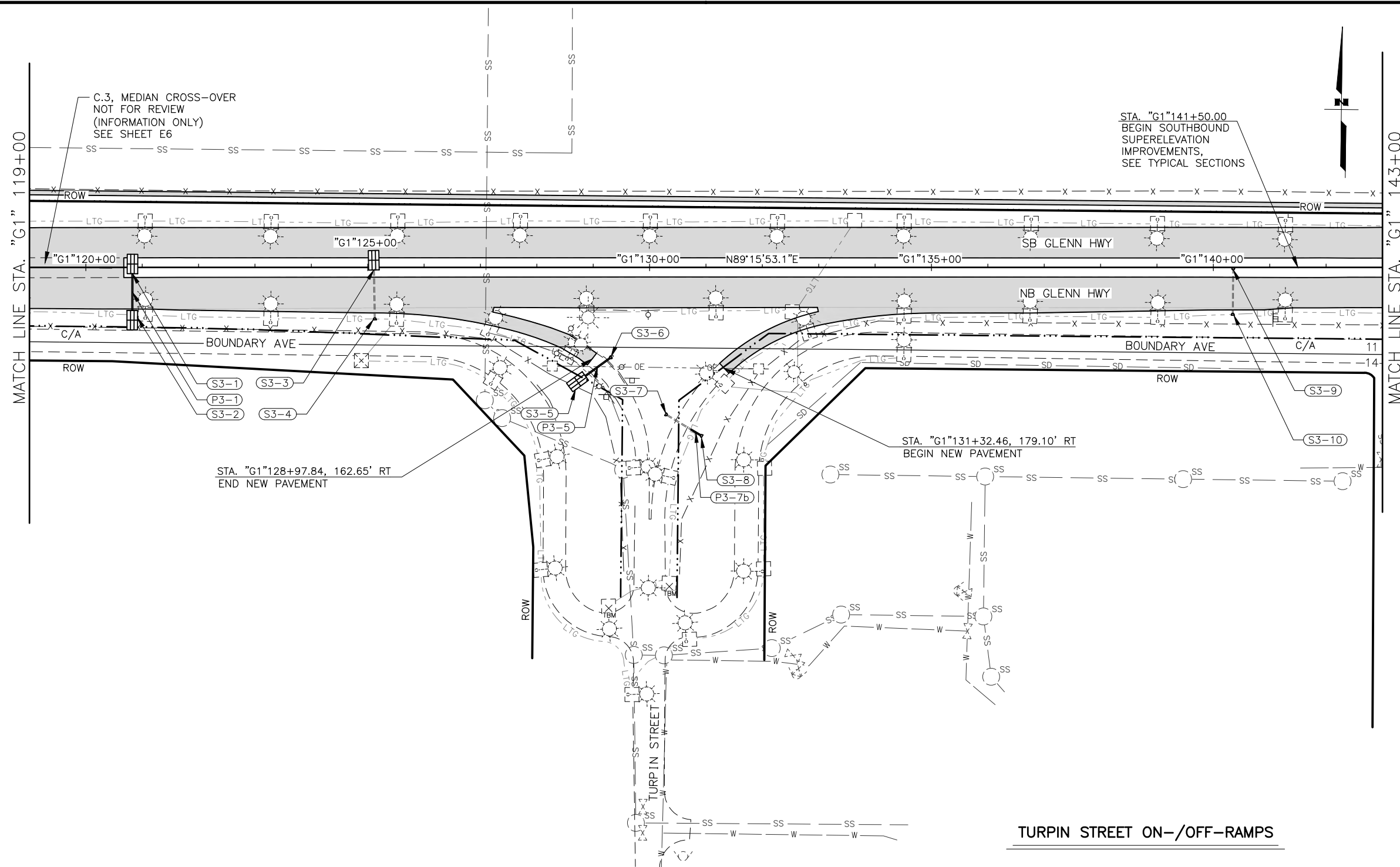
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STATE OF ALASKA
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**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

PLAN
STA. 103+00 TO
STA. 119+00

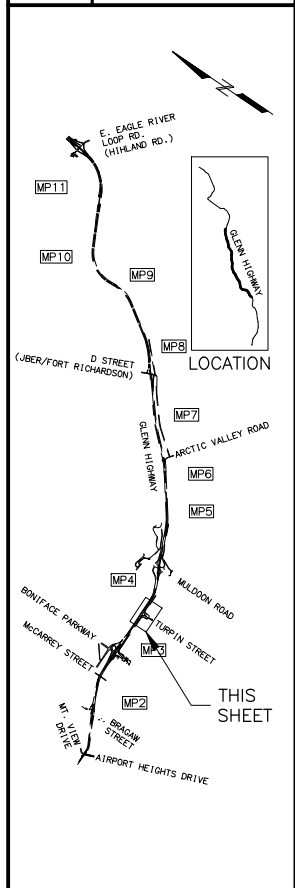
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SHEET NO.	TOTAL SHEETS
F6	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION



PIH

8/29/2024

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 KINNEY ENGINEERING, LLC
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STATE OF ALASKA
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**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

PLAN
 STA. 119+00 TO
 STA. 143+00

PRELIMINARY

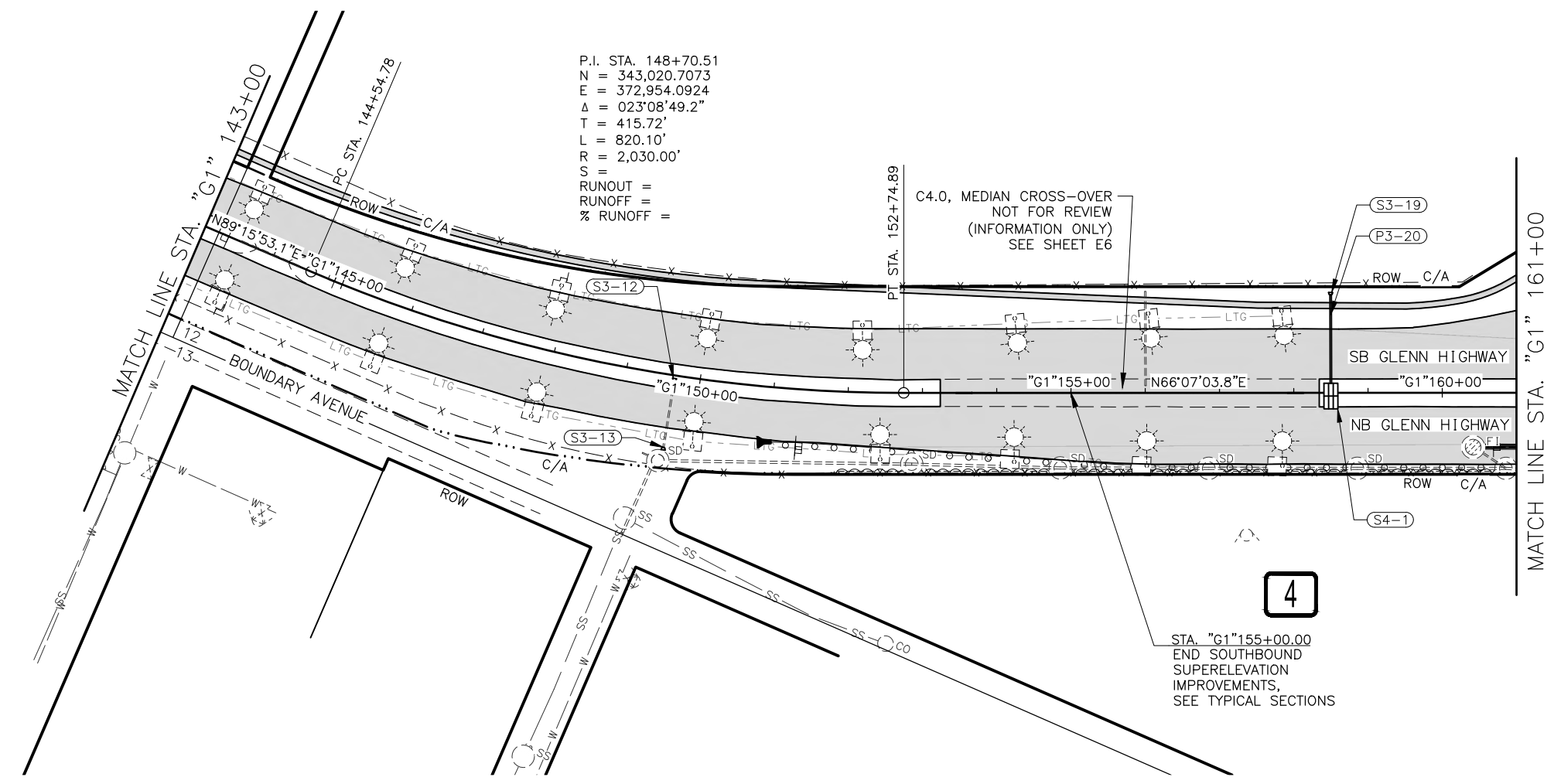
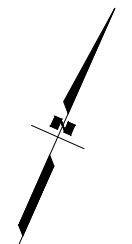
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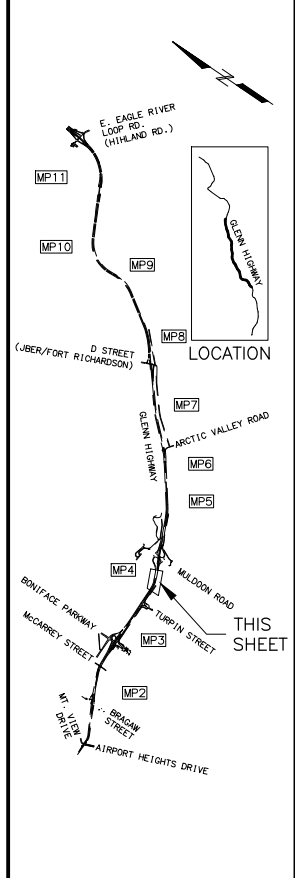
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SHEET NO.	TOTAL SHEETS
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STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
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DATE	



PIH
 8/29/2024

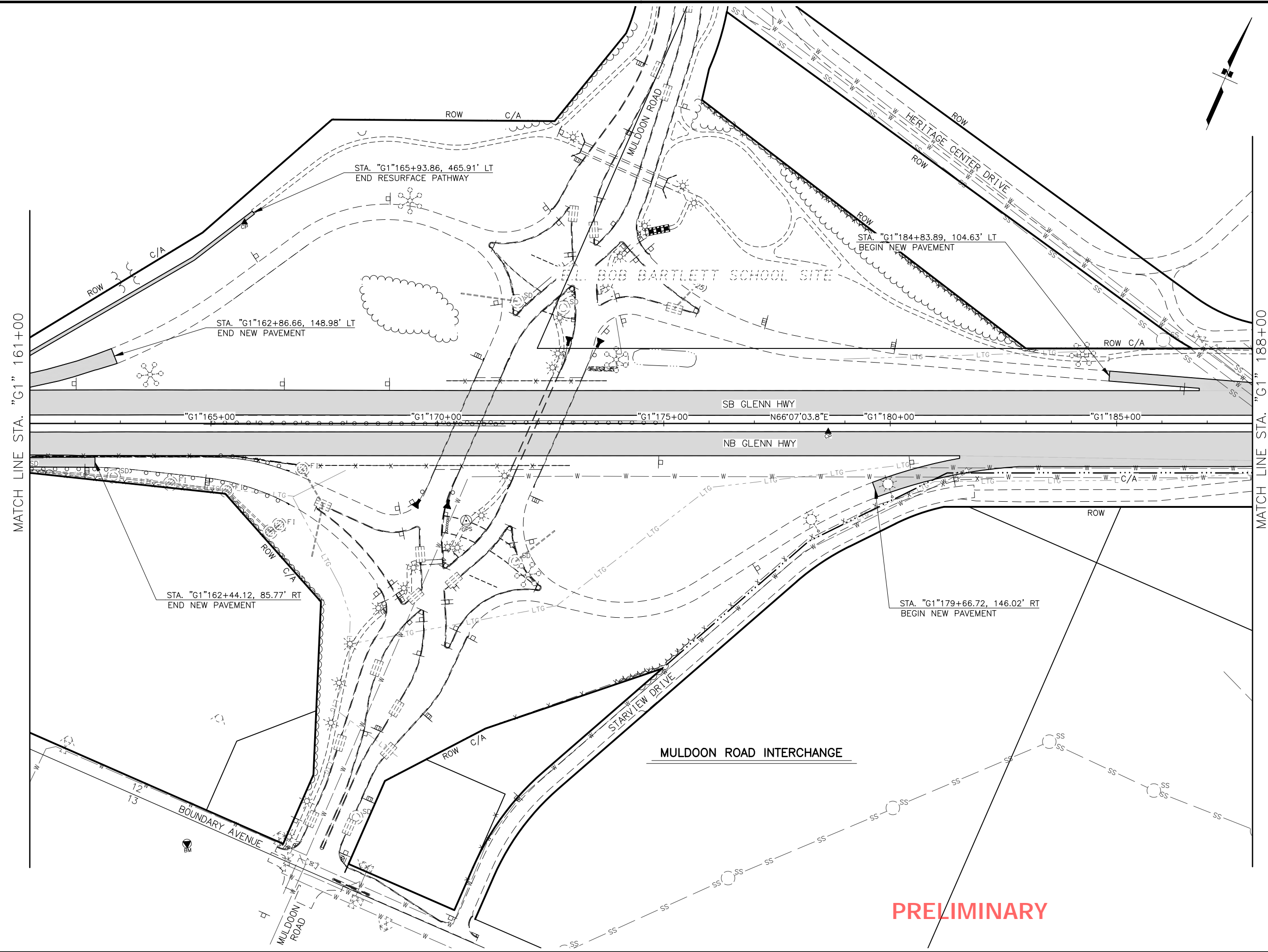
PLANS DEVELOPED BY:
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STATE OF ALASKA
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 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

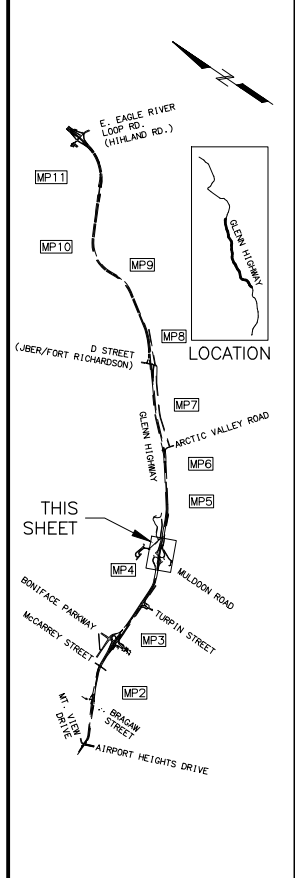
PLAN
 STA. 143+00 TO
 STA. 161+00

PRELIMINARY

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SHEET NO.	TOTAL SHEETS
F8	F84
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
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8/29/2024

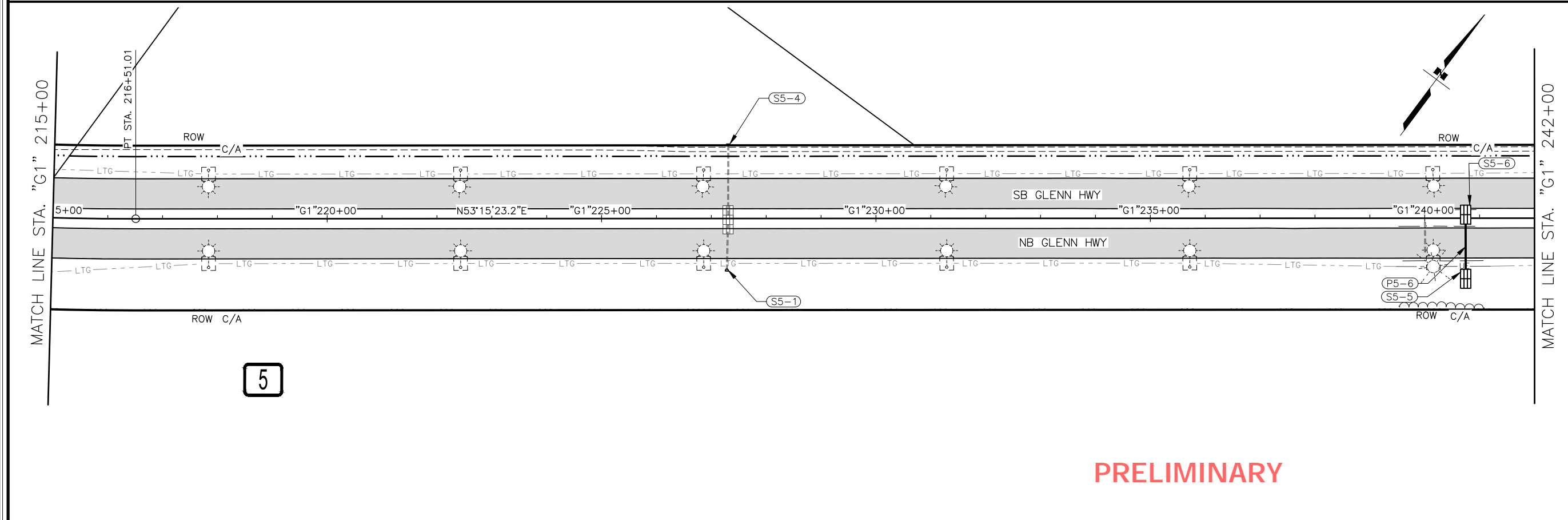
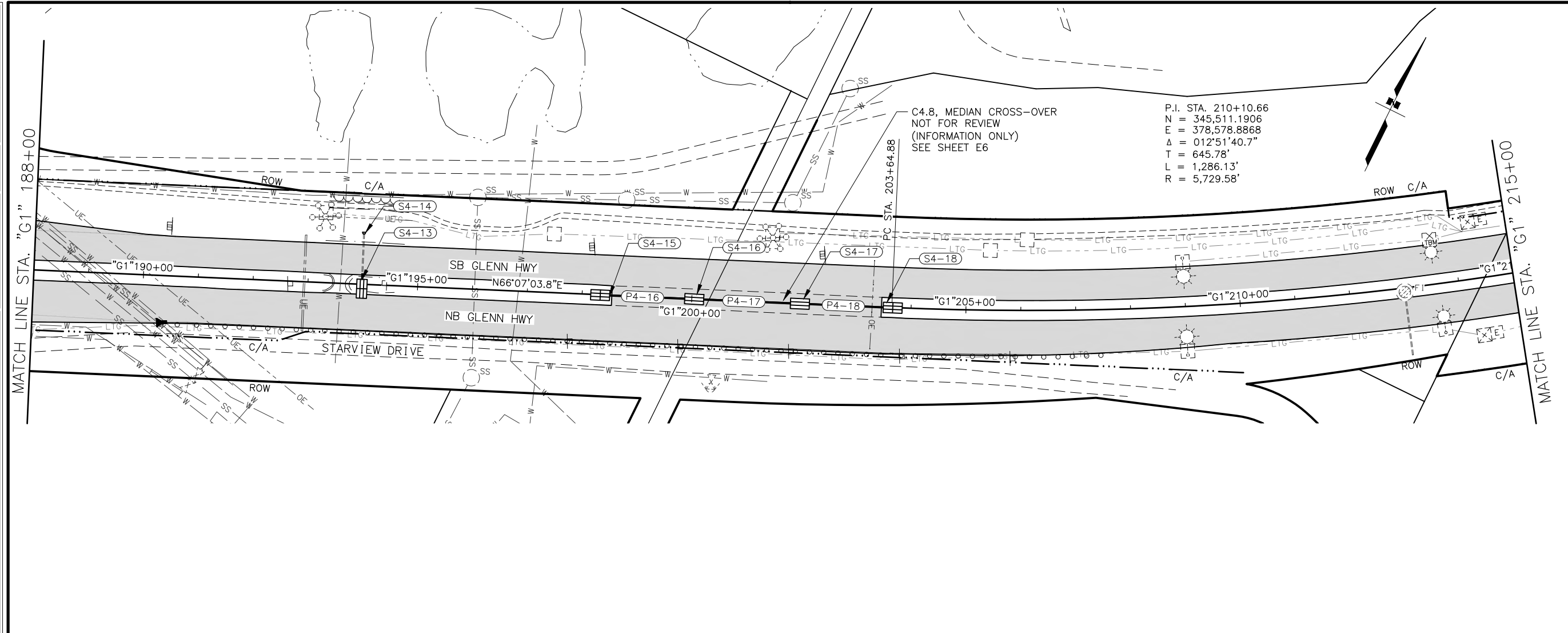
PLANS DEVELOPED BY:
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STATE OF ALASKA
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 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

PLAN
 STA. 161+00 TO
 STA. 188+00

PRELIMINARY

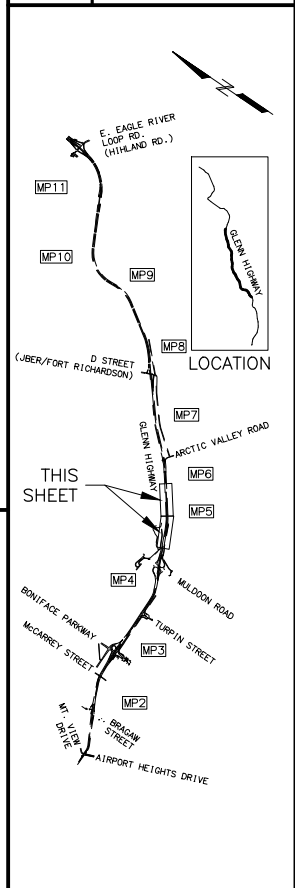
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5

PRELIMINARY

SHEET NO.	TOTAL SHEETS
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STATE	YEAR
ALASKA	2024
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0001656/ CFHWY00545	
NO.	REVISION
DATE	
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DATE	
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DATE	



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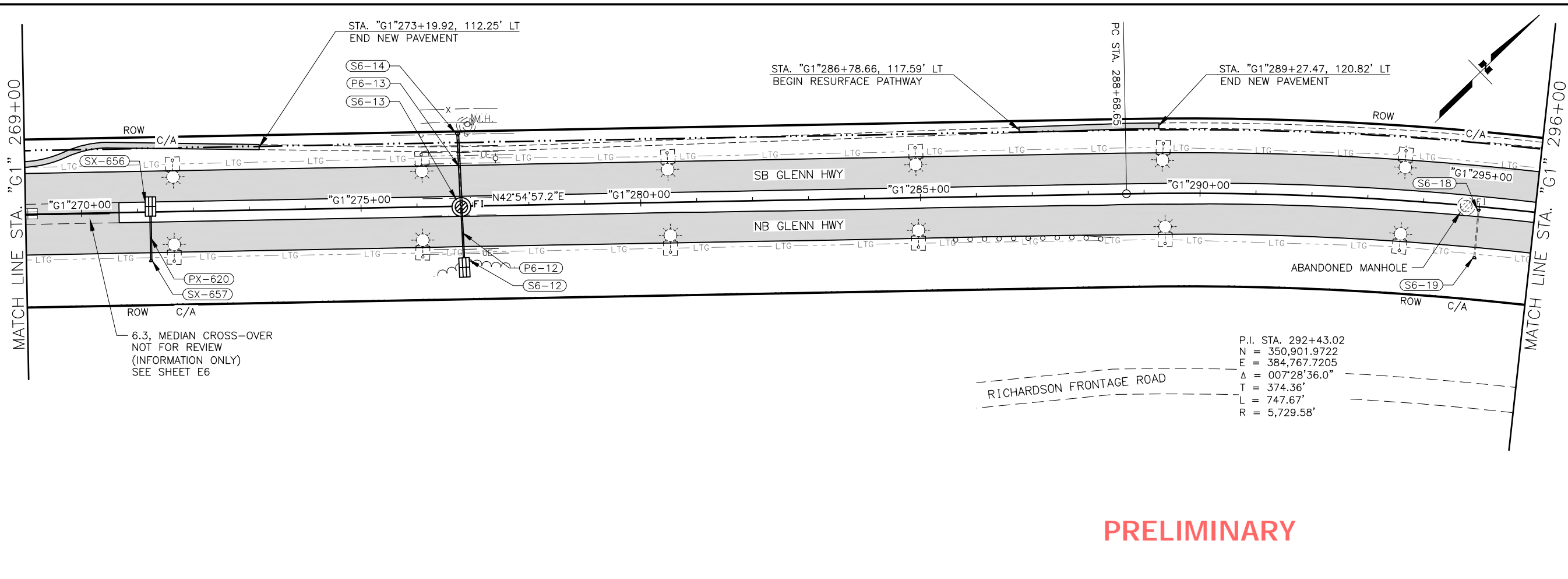
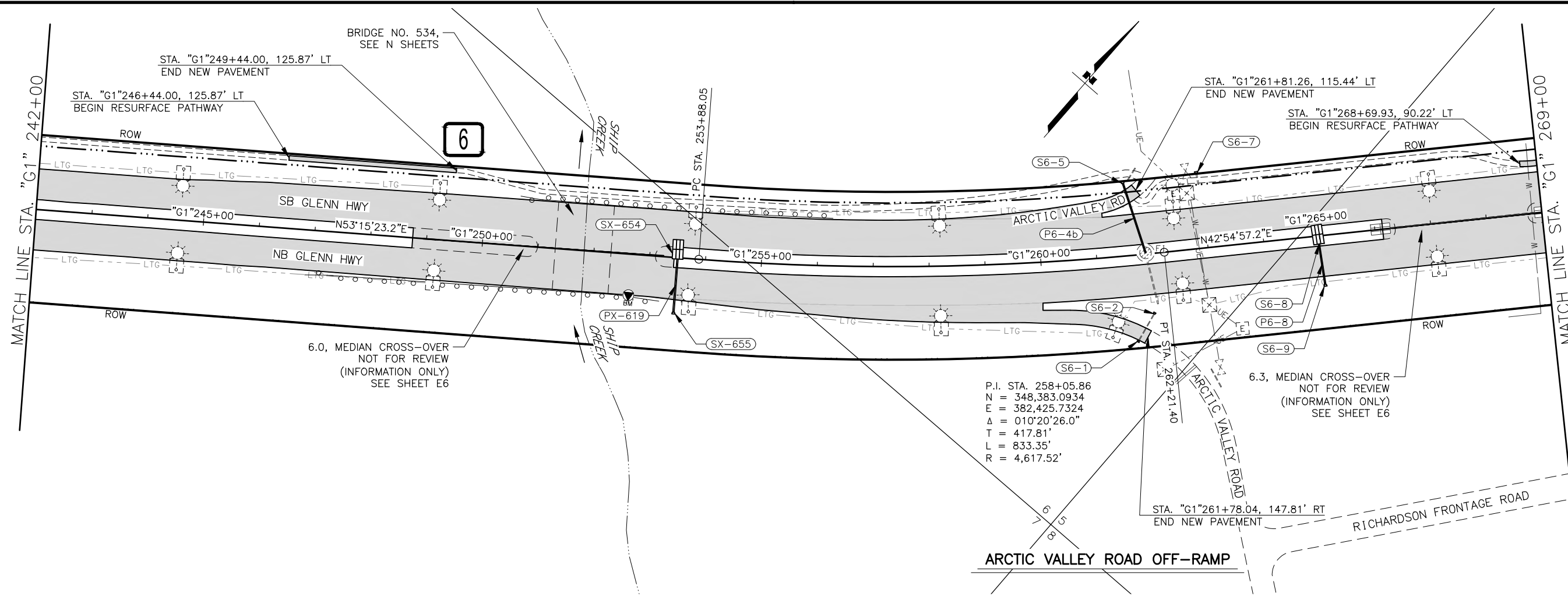
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STATE OF ALASKA
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 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

PLAN
 STA. 188+00 TO
 STA. 242+00

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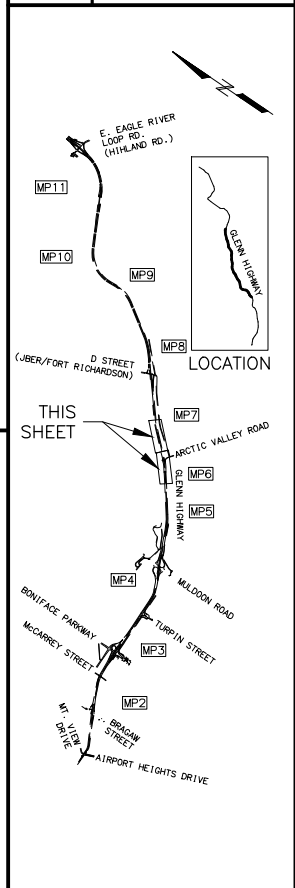


PRELIMINARY

SHEET NO.	TOTAL SHEETS
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STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION



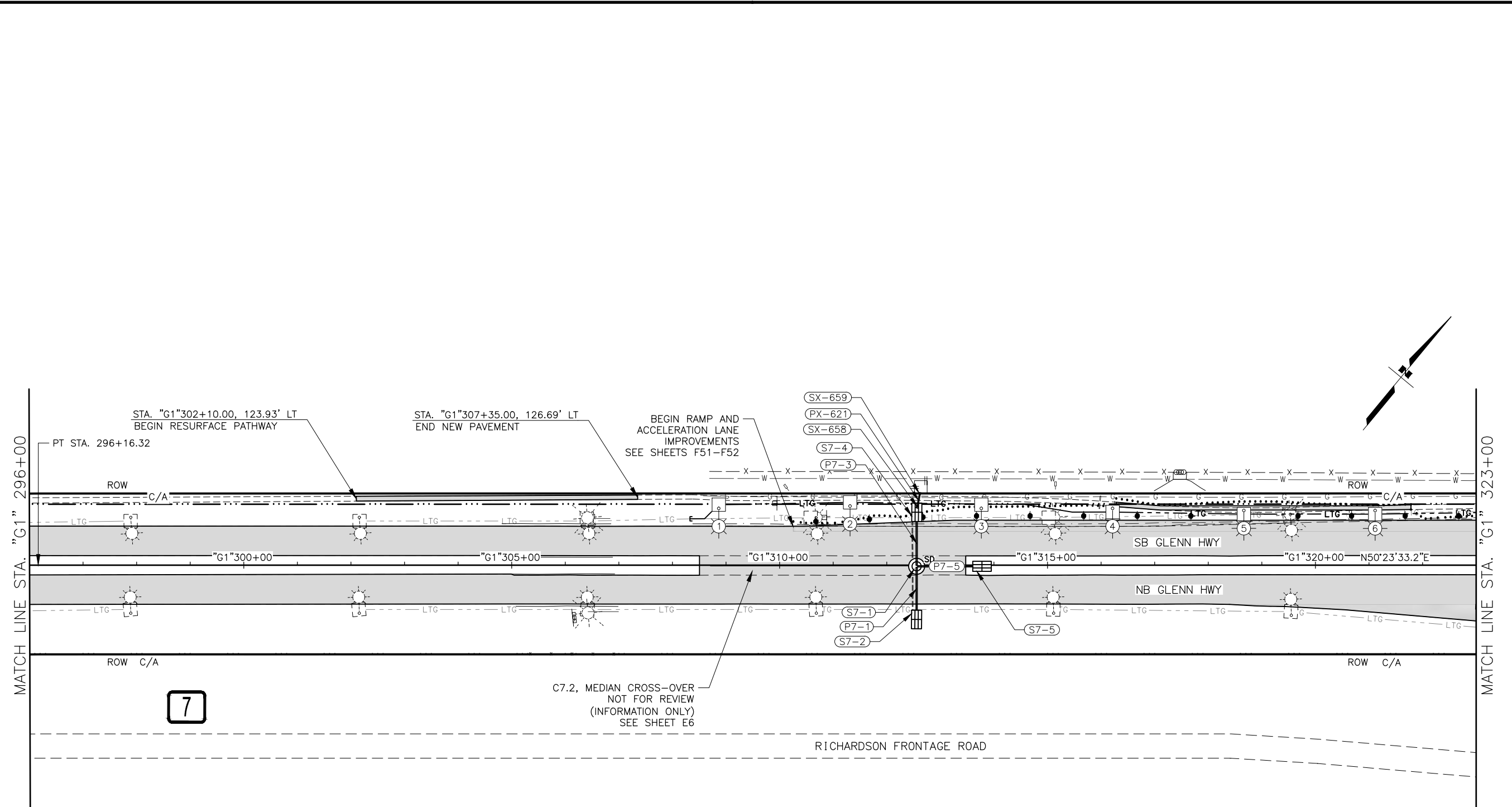
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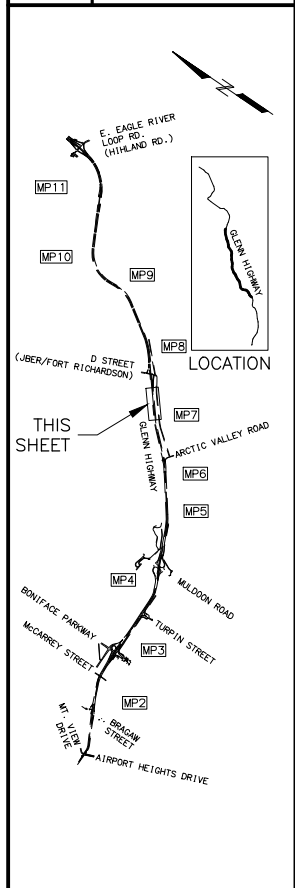
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

PLAN
 STA. 242+00 TO
 STA. 296+00

DRAWING LOCATION: Z:\PROJECTS\009777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00945_F1-F50_P&P.DWG
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SHEET NO.	TOTAL SHEETS
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STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
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PIH
 8/29/2024

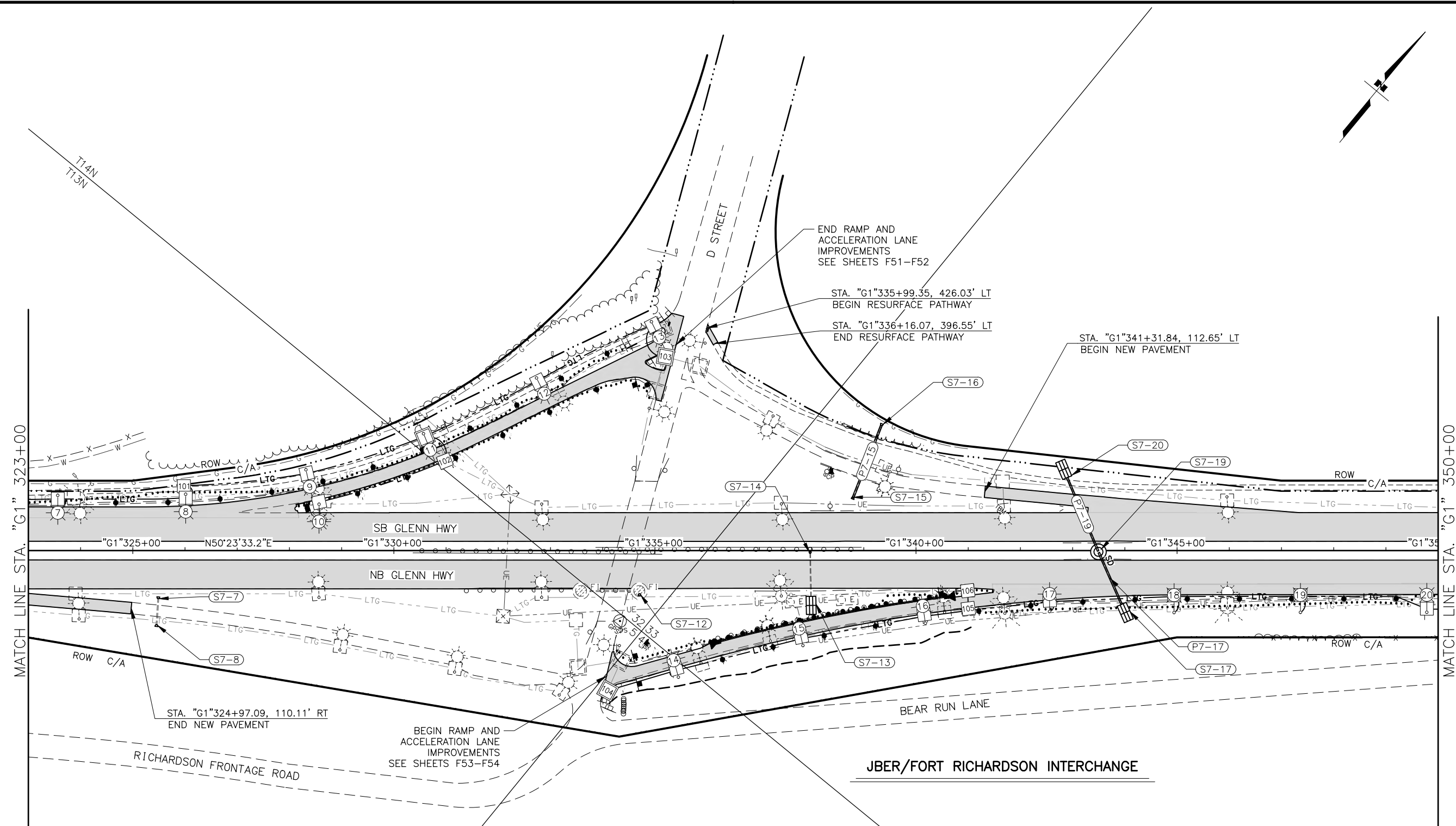
PLANS DEVELOPED BY:
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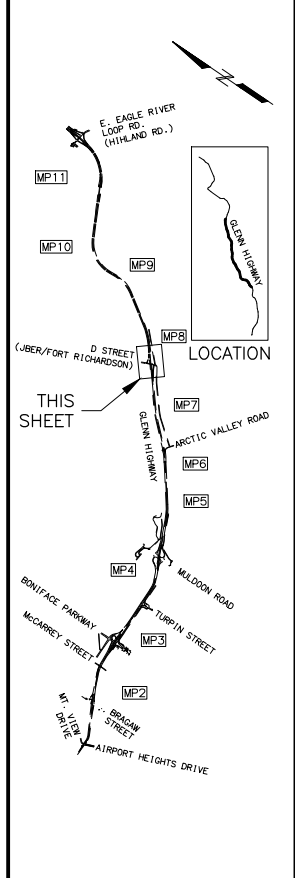
PLAN
 STA. 296+00 TO
 STA. 323+00

PRELIMINARY

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ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



PIH
 8/29/2024

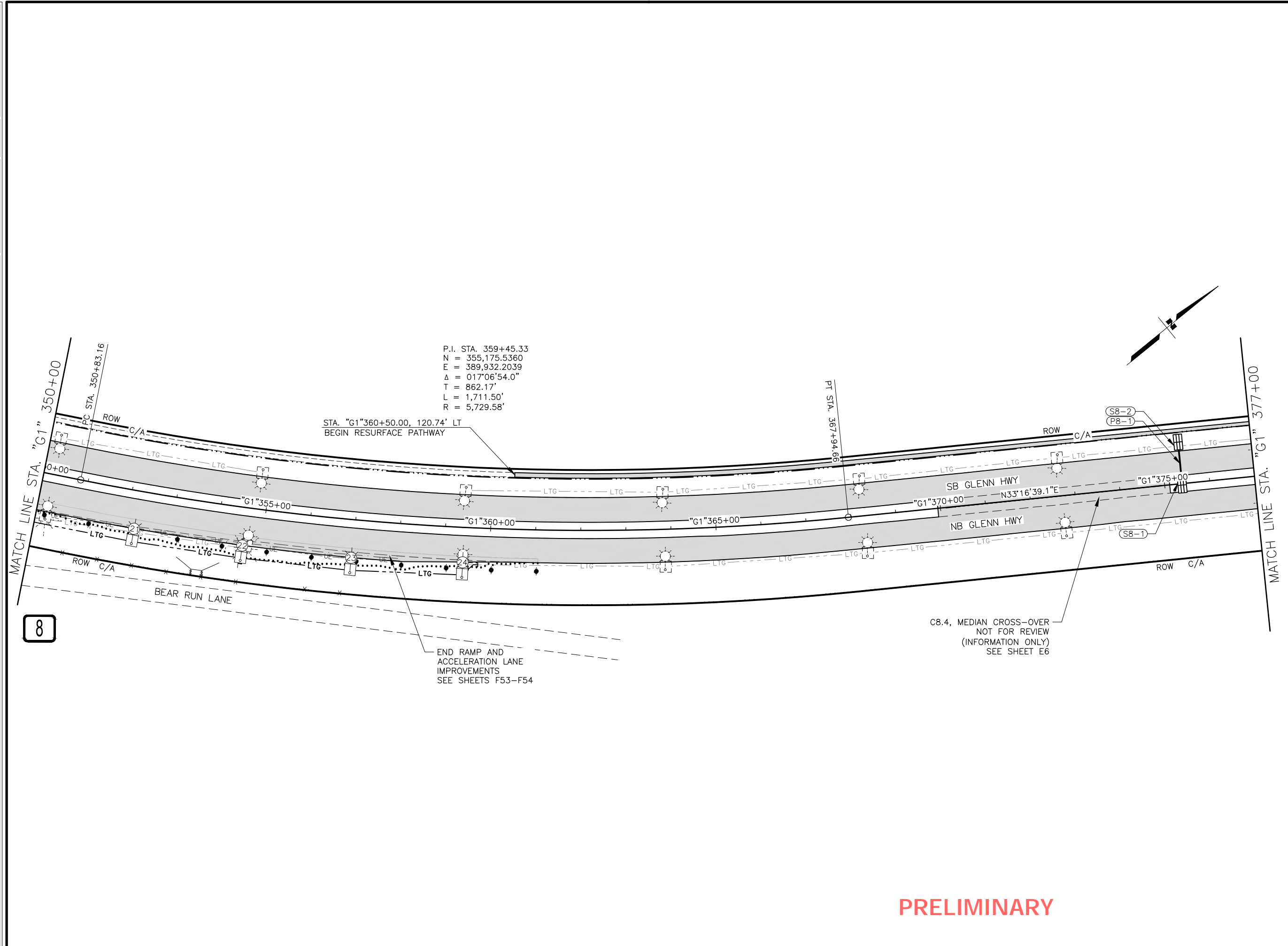
PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

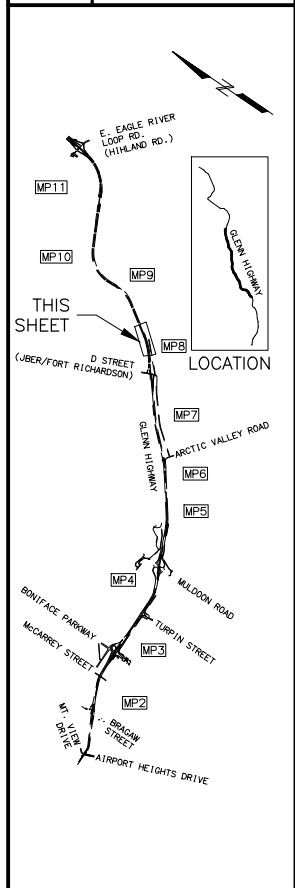
PLAN
 STA. 323+00 TO
 STA. 350+00

PRELIMINARY

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SHEET NO.	TOTAL SHEETS
F13	F84
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



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8/29/2024

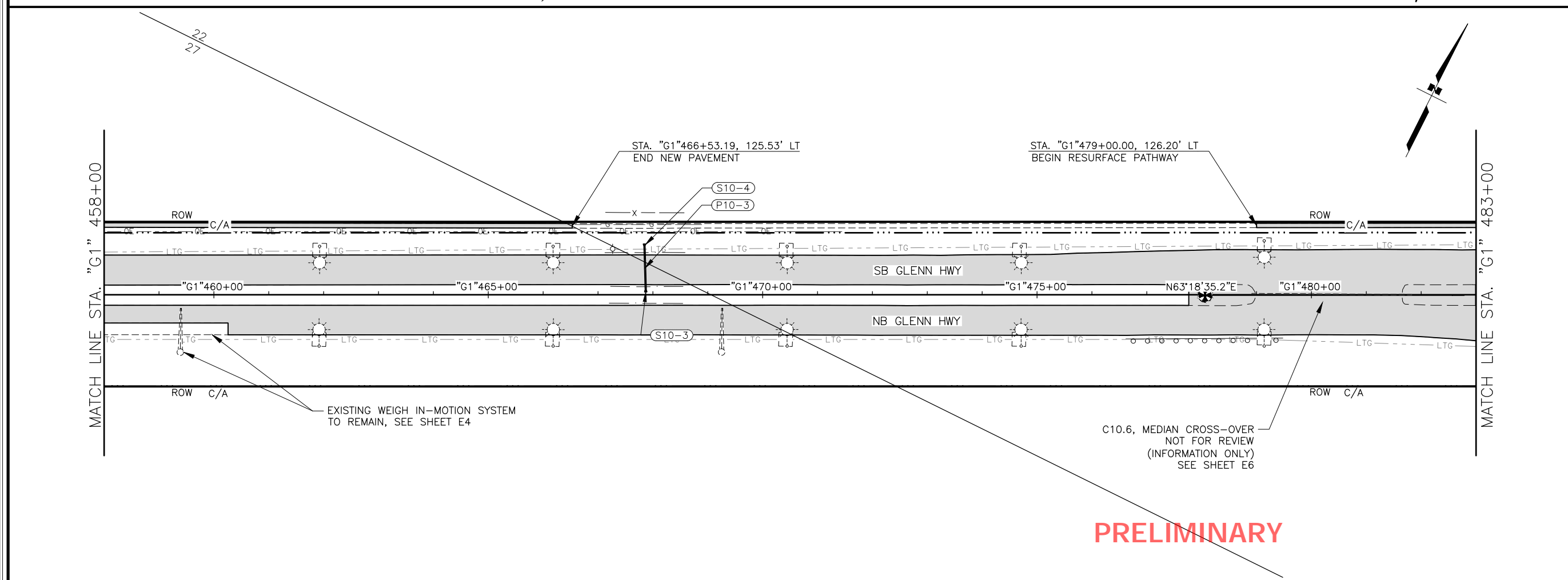
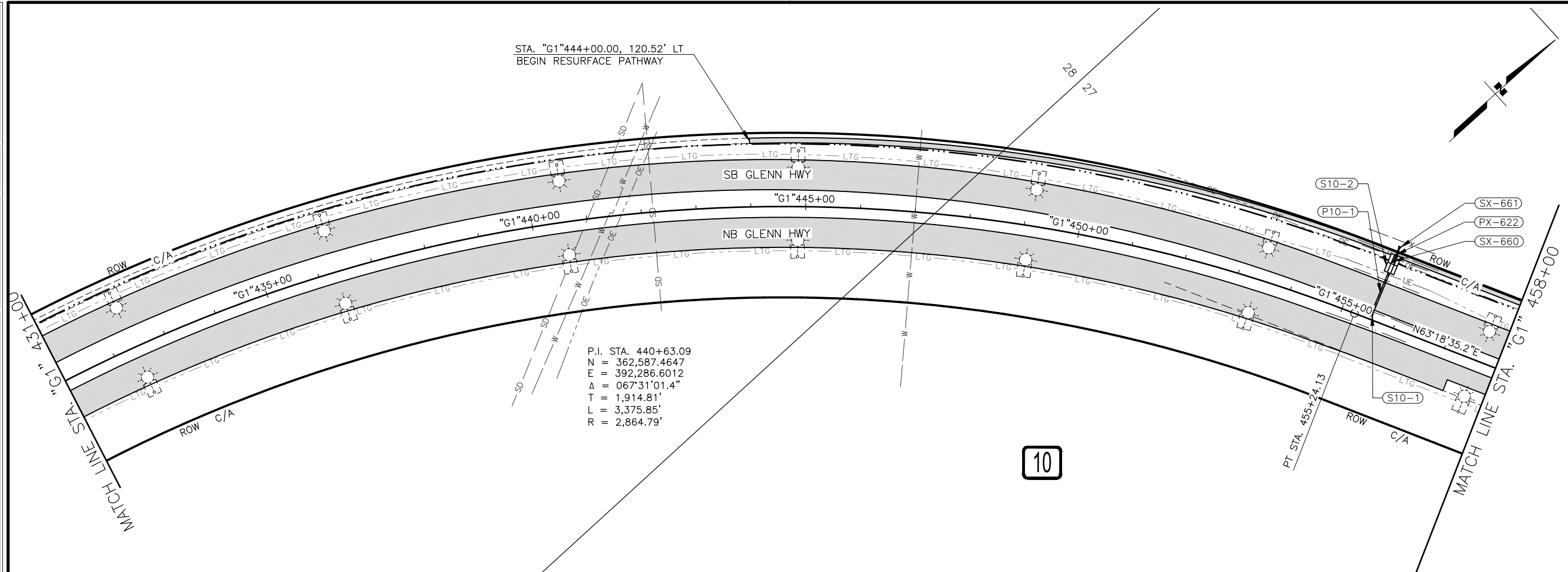
PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

PLAN
 STA. 350+00 TO
 STA. 377+00

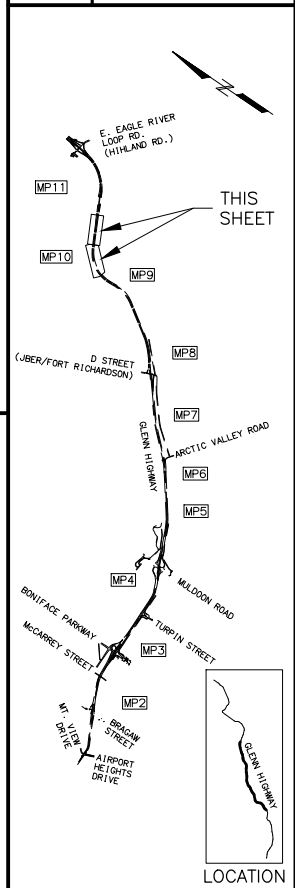
PRELIMINARY

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PRELIMINARY

SHEET NO.	TOTAL SHEETS
F15	F84
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



PIH

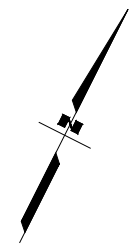
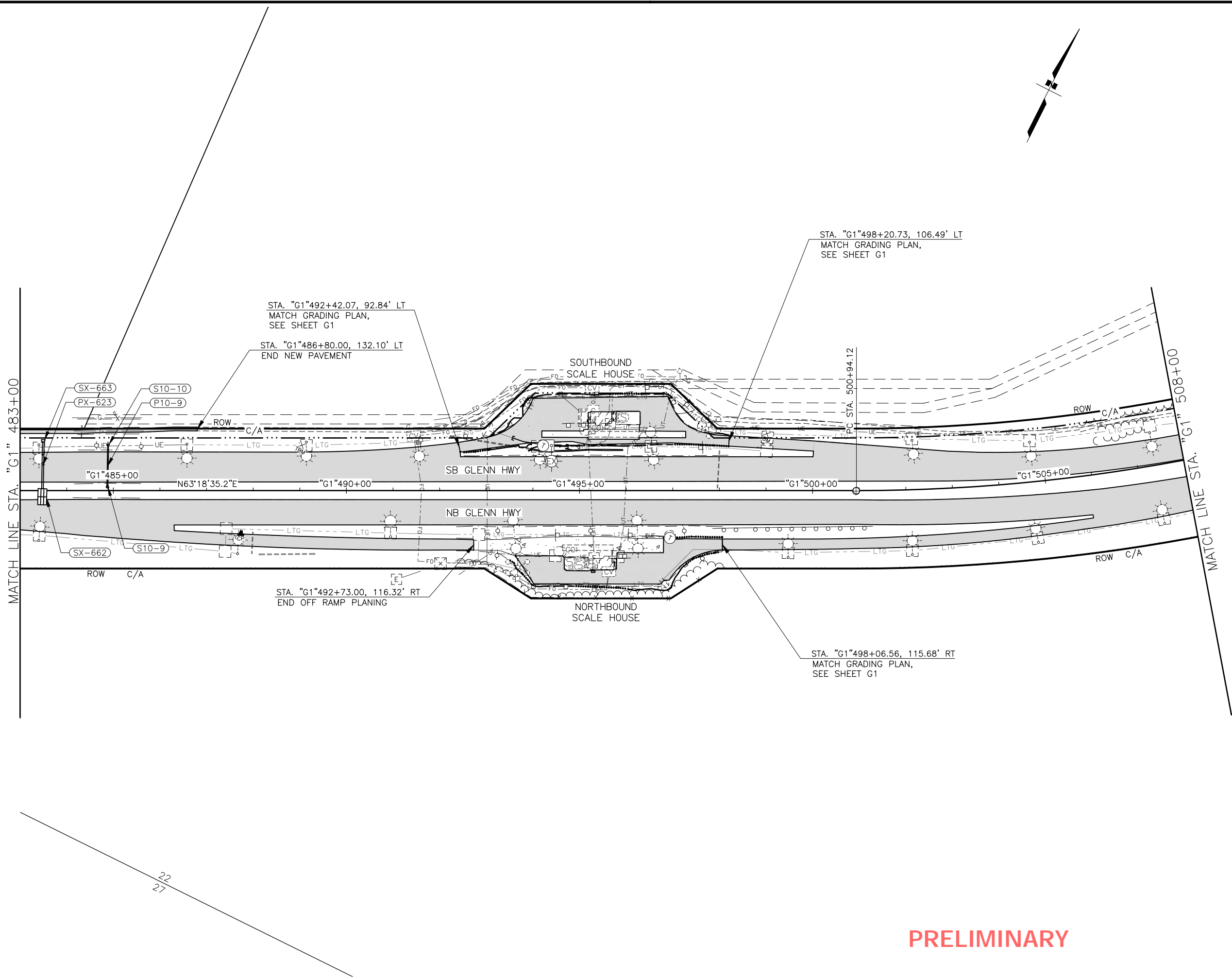
8/29/2024

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 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

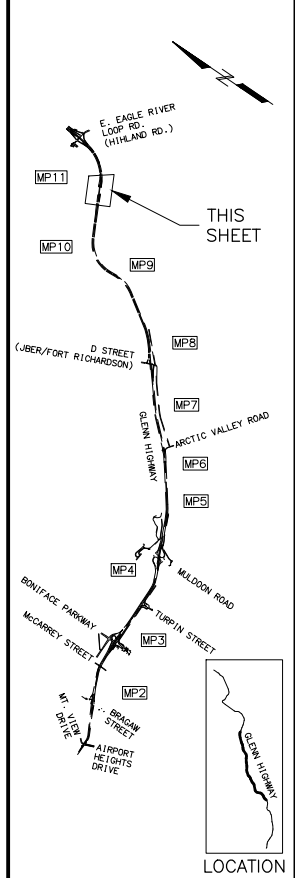
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

PLAN
 STA. 431+00 TO
 STA. 483+00

DESIGNED BY: [] CHECKED BY: [] DRAFTED BY: []
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SHEET NO.	TOTAL SHEETS
F16	F84
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



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8/29/2024

PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
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STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

PLAN
 STA. 483+00 TO
 STA. 508+00

PRELIMINARY

22
27

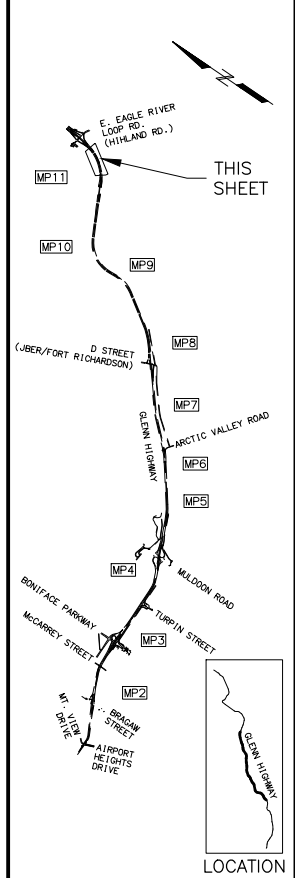
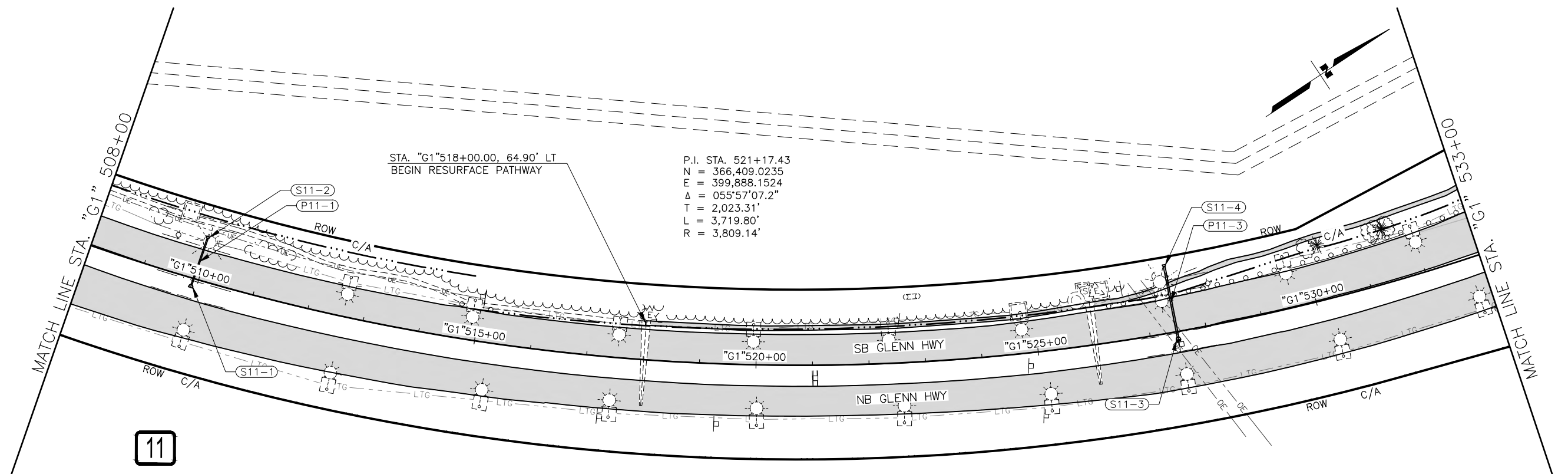
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SCALE: 1" = 40'

DATE: 8/29/2024 3:55 PM

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SHEET NO.	TOTAL SHEETS
F17	F84
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



PIH

8/29/2024

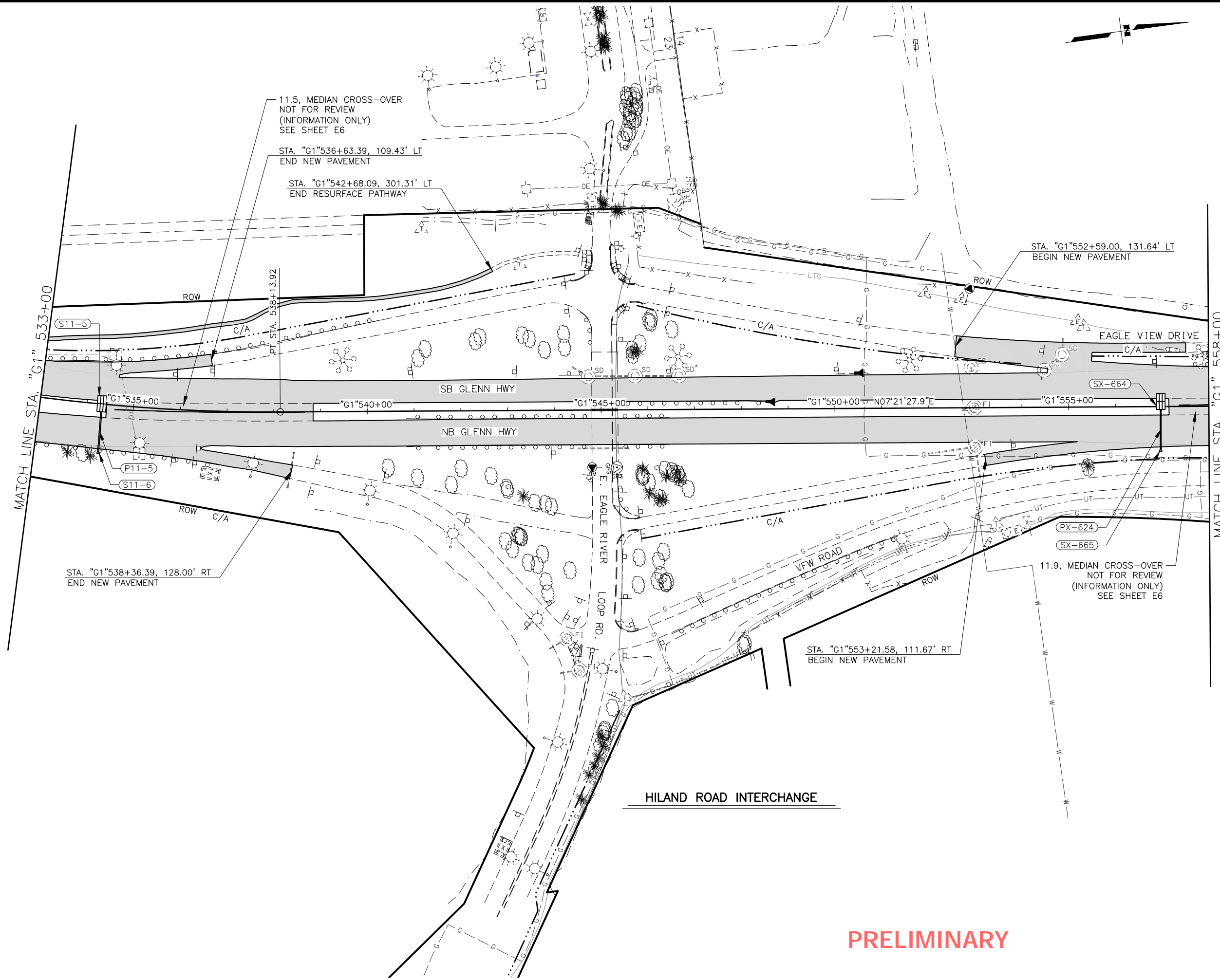
PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

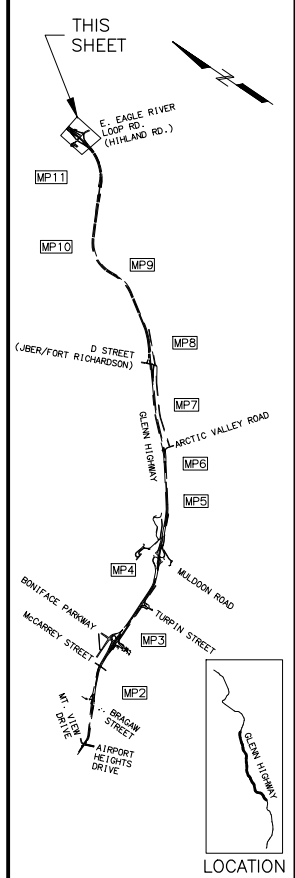
PLAN
 STA. 508+00 TO
 STA. 533+00

PRELIMINARY

DESIGNED BY: [] CHECKED BY: [] DRAFTED BY: []
 SCALE: 1" = 40'
 DATE: 8/29/2024 3:55 PM
 TIME: []
 DRAWING LOCATION: Z:\PROJECTS\009777_GLENN_HWY_AIRPORT_HTS_TO_PARKS\DWGS\C\DWGS\00945_F1-F50_P&P.DWG



SHEET NO.	TOTAL SHEETS
F18	F84
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



PIH

8/29/2024

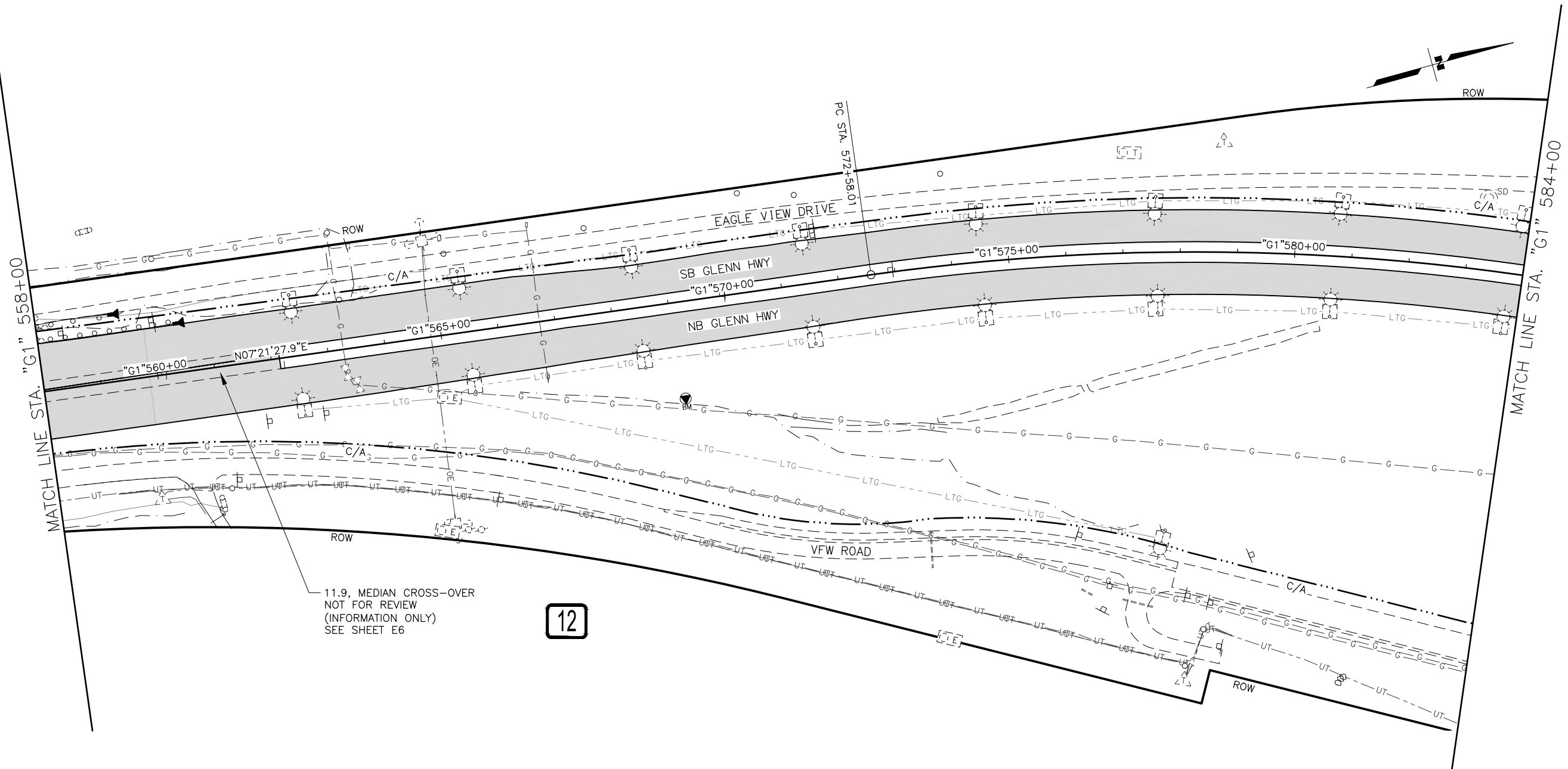
PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

PLAN
 STA. 533+00 TO STA.
 558+00

PRELIMINARY

Z:\PROJECTS\009777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\ SHEETS\00945_F1-F50_P&P.DWG
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 CHECKED BY: []
 DRAFTED BY: []
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 DATE: 8/29/2024 3:55 PM
 TIME:



11.9, MEDIAN CROSS-OVER
 NOT FOR REVIEW
 (INFORMATION ONLY)
 SEE SHEET E6

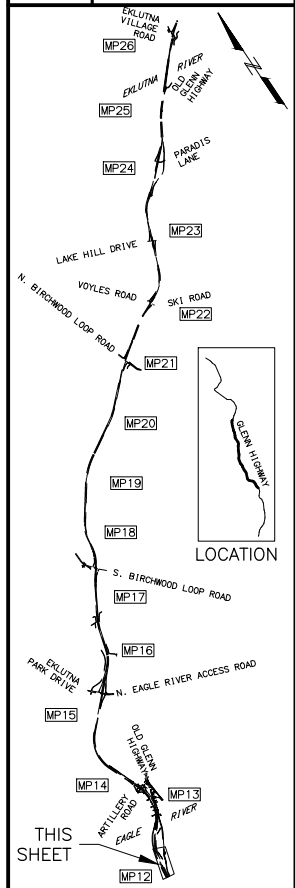
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PRELIMINARY

SHEET NO.	TOTAL SHEETS
F19	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION



PIH

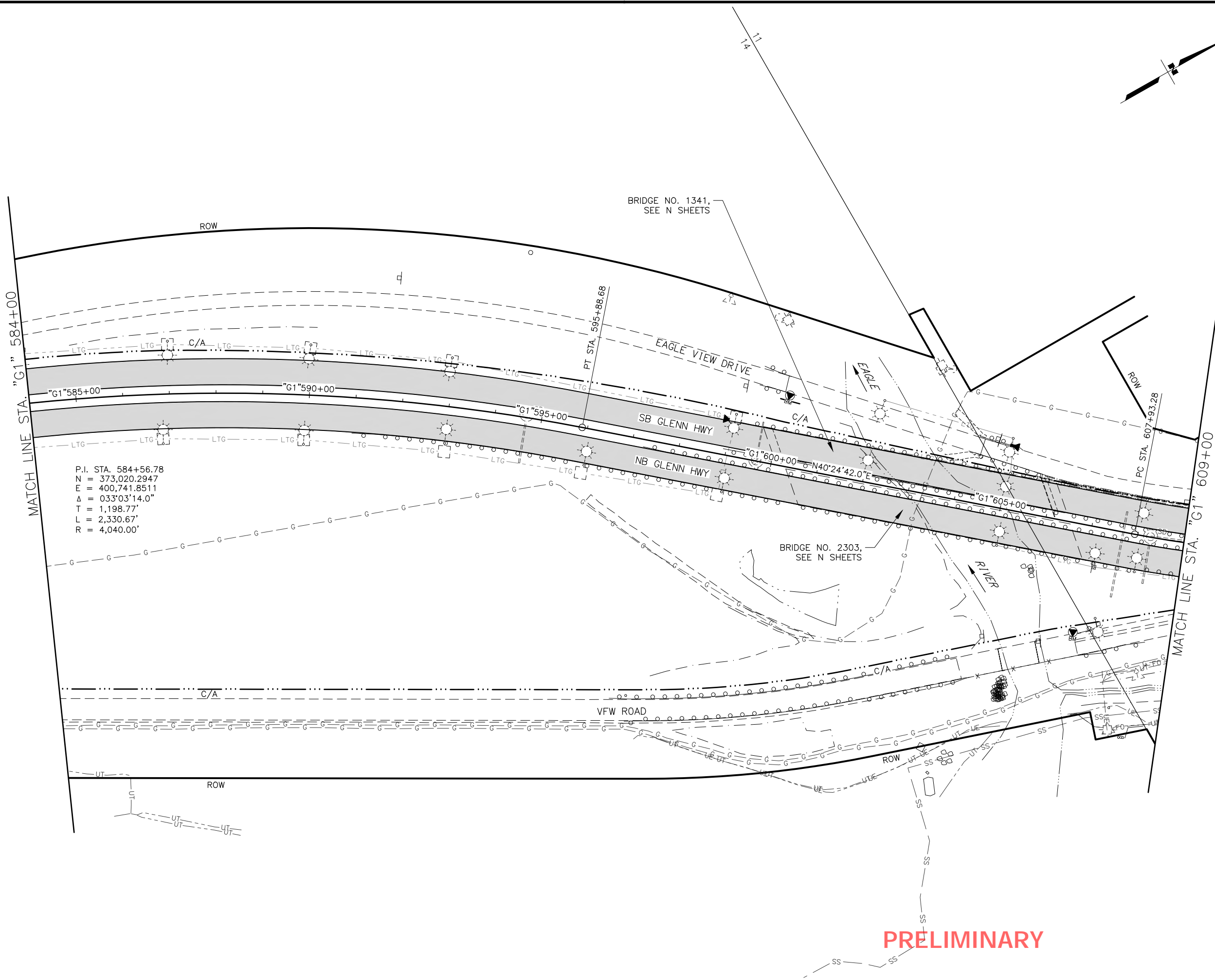
8/29/2024

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 ANCHORAGE, AK 99503
 (907) 346-2373
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STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

PLAN
 STA. 558+00 TO STA.
 584+00

DESIGNED BY: [] CHECKED BY: [] DRAFTED BY: []
 SCALE: 1" = 40'
 DATE: 8/29/2024 3:56 PM
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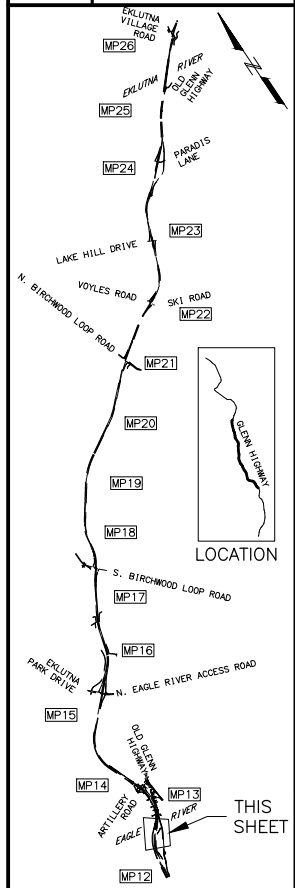


PRELIMINARY

SHEET NO.	TOTAL SHEETS
F20	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION



PIH

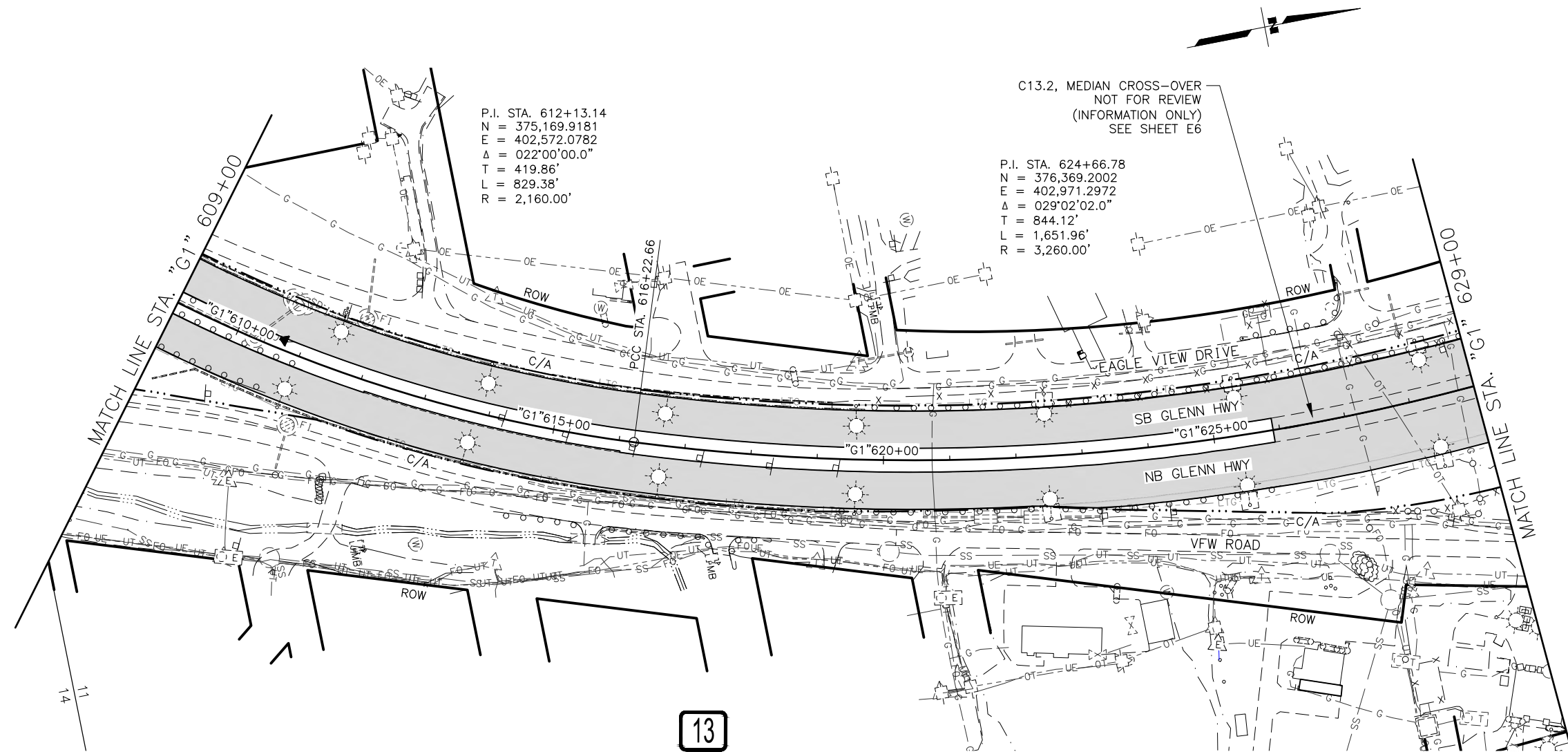
8/29/2024

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 3909 Arctic Blvd, Suite 400
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 (907) 346-2373
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STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

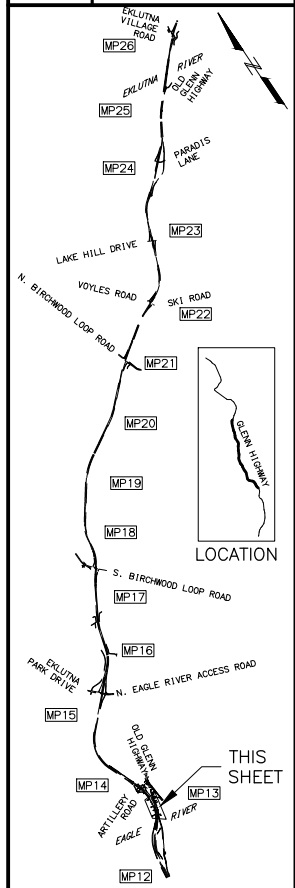
PLAN
STA. 584+00 TO
STA. 609+00

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 DRAWING LOCATION
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 CHECKED BY: _____
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 SCALE: 1" = 40'
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 DATE: 8/29/2024



PRELIMINARY

SHEET NO.	TOTAL SHEETS
F21	F84
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



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8/29/2024

PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
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STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

PLAN
STA. 609+00 TO
STA. 629+00

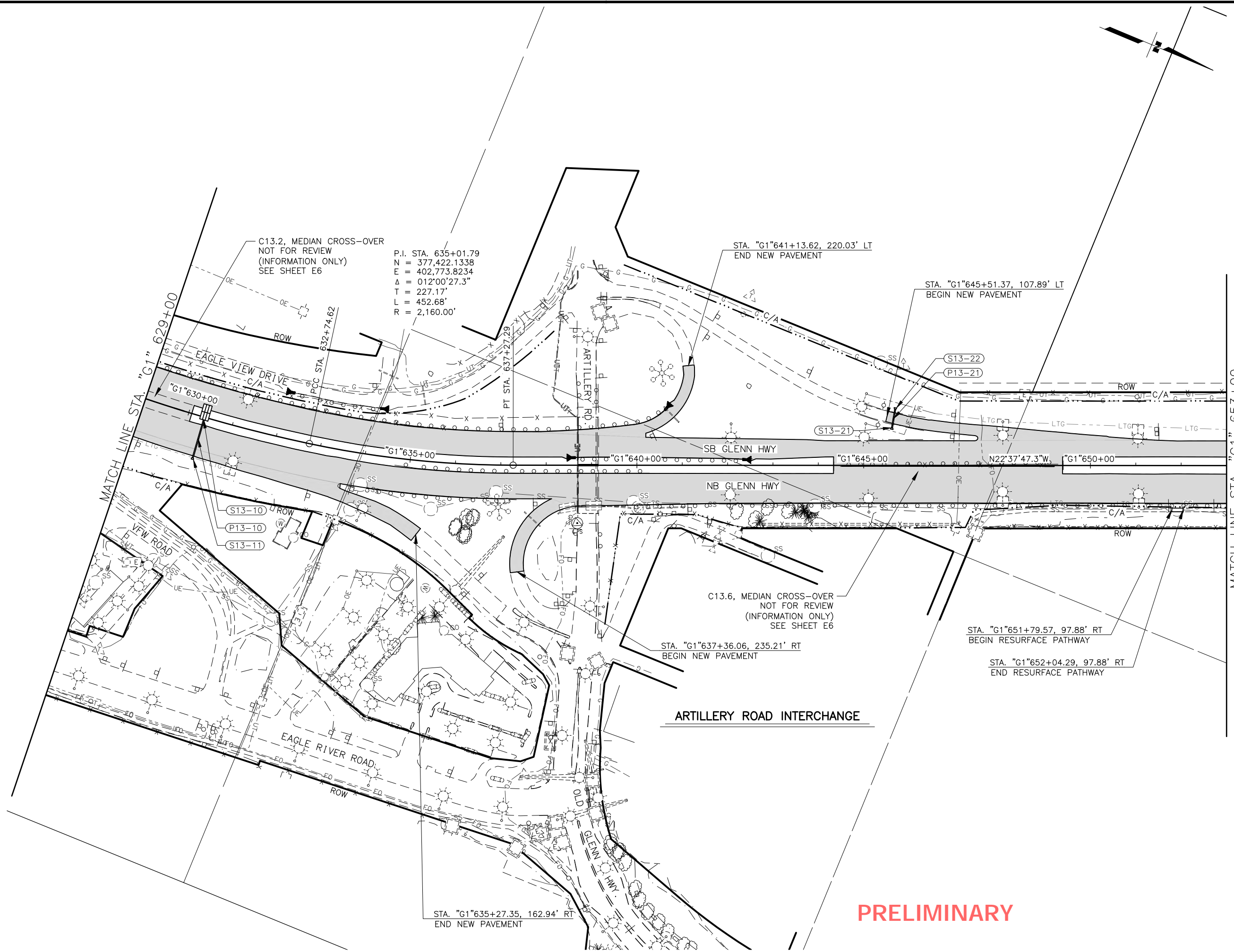
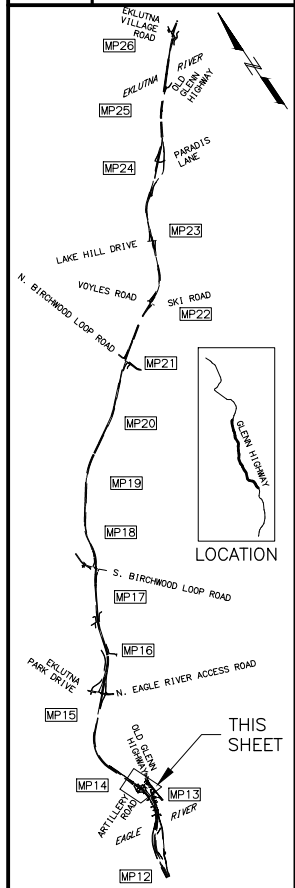
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SCALE: 1" = 40'

DATE: 8/29/2024 3:56 PM

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SHEET NO.	TOTAL SHEETS
F22	F84
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



P.I. STA. 635+01.79
 N = 377,422.1338
 E = 402,773.8234
 Δ = 012°00'27.3"
 T = 227.17'
 L = 452.68'
 R = 2,160.00'

STA. "G1"641+13.62, 220.03' LT
 END NEW PAVEMENT

STA. "G1"645+51.37, 107.89' LT
 BEGIN NEW PAVEMENT

STA. "G1"637+36.06, 235.21' RT
 BEGIN NEW PAVEMENT

STA. "G1"651+79.57, 97.88' RT
 BEGIN RESURFACE PATHWAY

STA. "G1"652+04.29, 97.88' RT
 END RESURFACE PATHWAY

STA. "G1"635+27.35, 162.94' RT
 END NEW PAVEMENT

PRELIMINARY

PIH

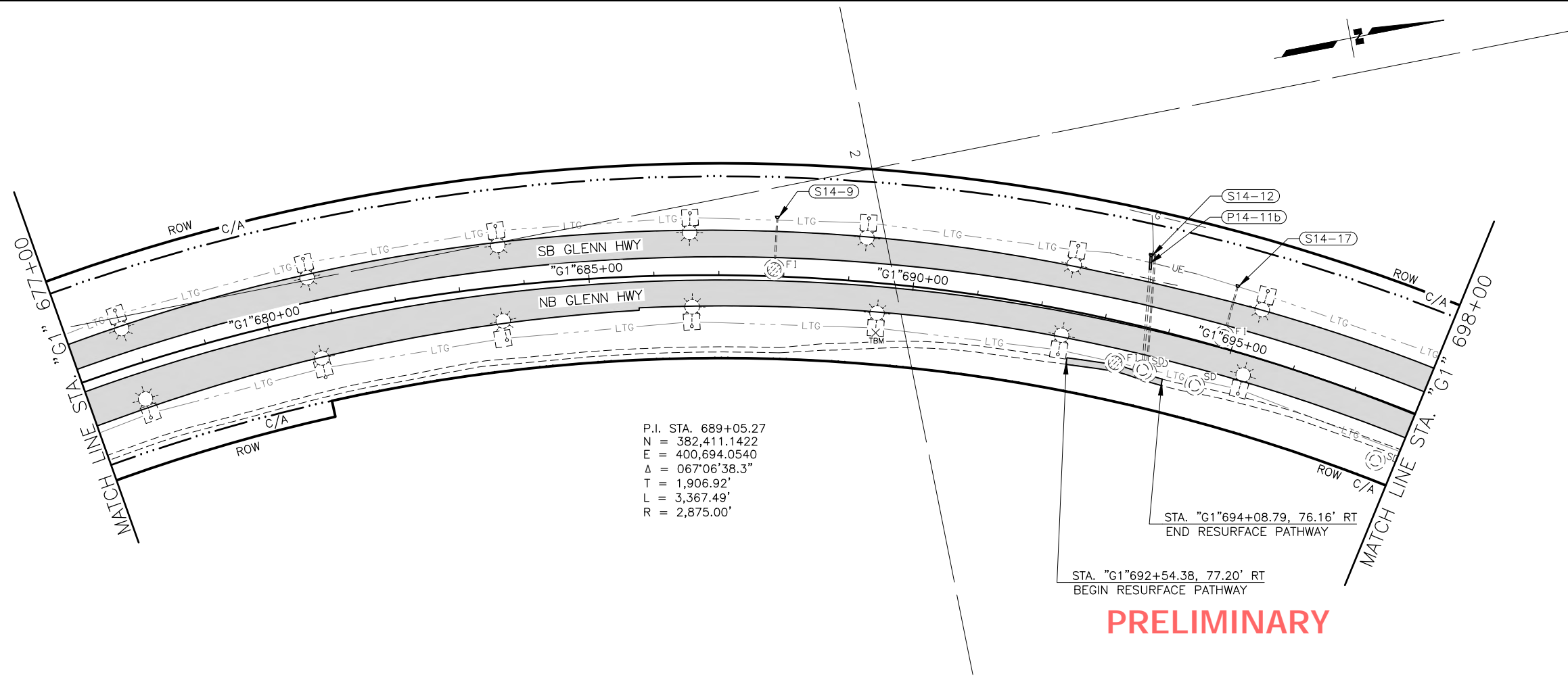
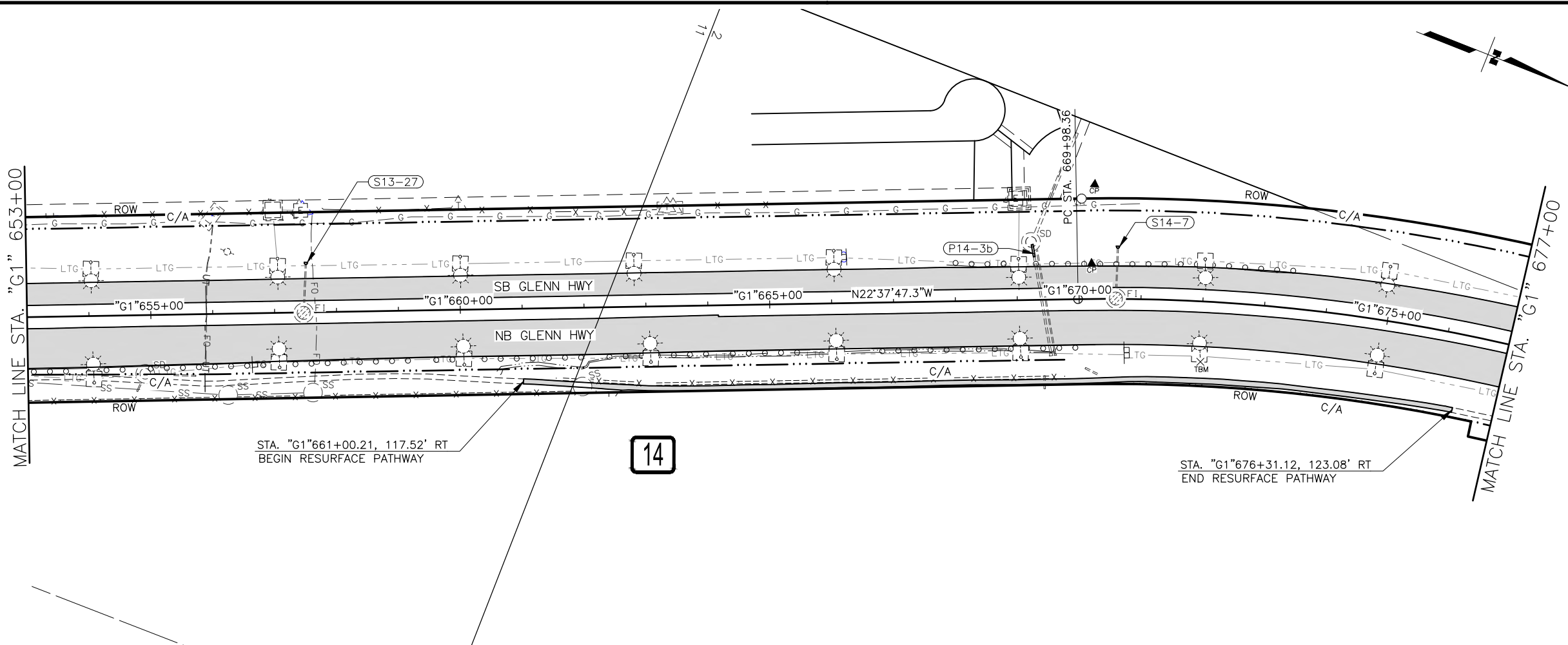
8/29/2024

PLANS DEVELOPED BY:
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 3909 Arctic Blvd, Suite 400
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 (907) 346-2373
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STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

PLAN
 STA. 629+00 TO
 STA. 653+00

DESIGNED BY: [] CHECKED BY: [] DRAFTED BY: []
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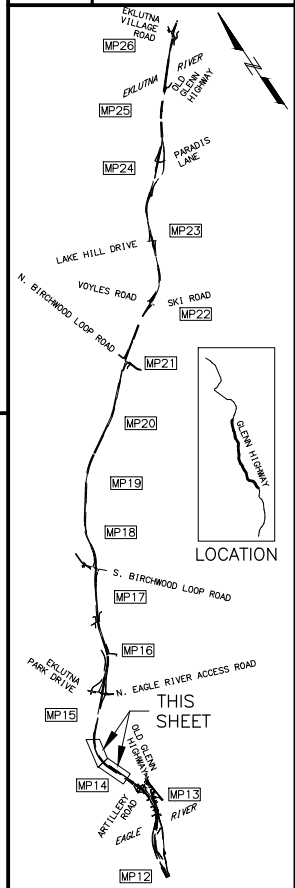
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 E = 400,694.0540
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 L = 3,367.49'
 R = 2,875.00'

PRELIMINARY

SHEET NO.	TOTAL SHEETS
F23	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION



PIH
 8/29/2024

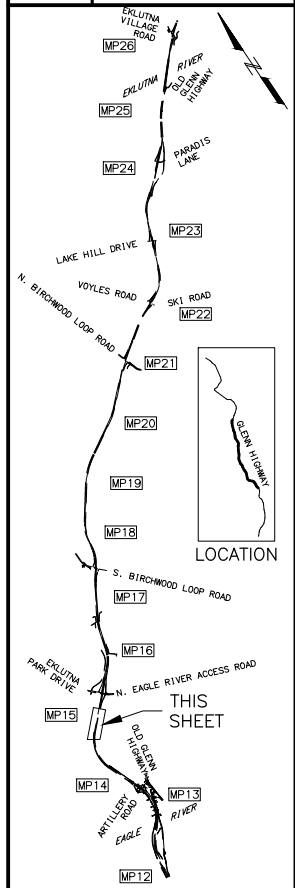
PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

PLAN
 STA. 653+00 TO
 STA. 698+00

Z:\PROJECTS\008777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C SHEETS\00845_F1-F50_P&P.DWG
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 DATE: 8/29/2024

SHEET NO.	TOTAL SHEETS
F24	F84
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

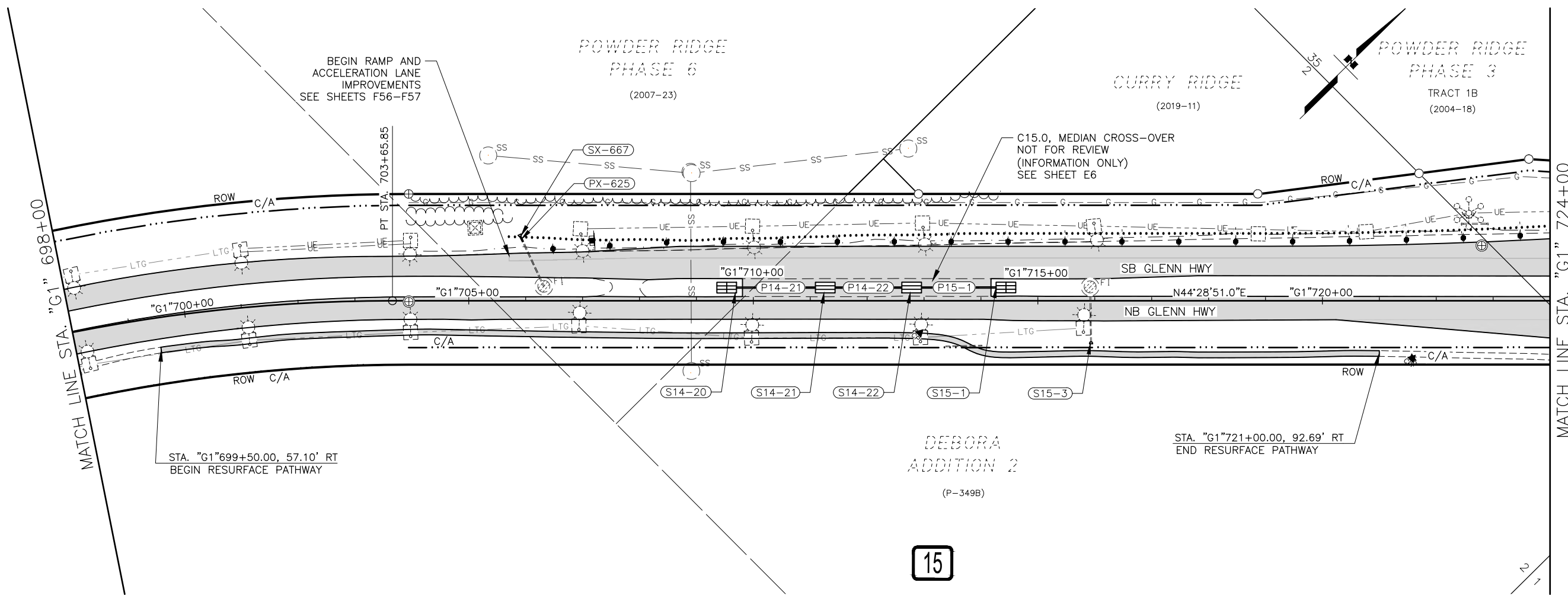


PIH
 8/29/2024

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 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
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 (907) 346-2373
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STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

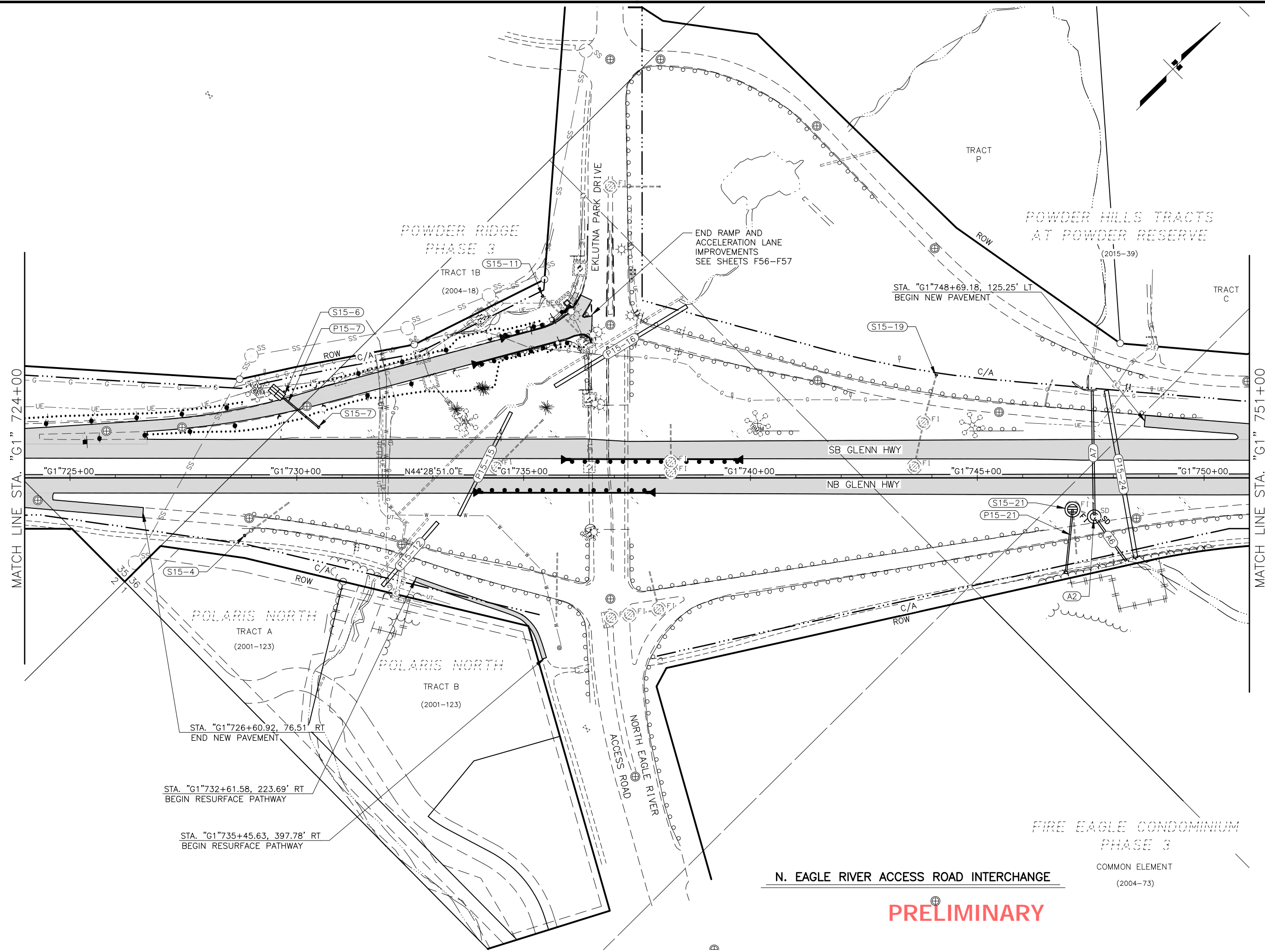
PLAN
 STA. 698+00 TO
 STA. 724+00



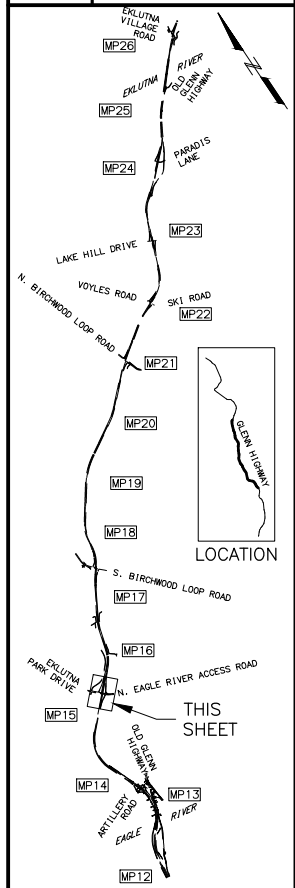
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SHEET NO.	TOTAL SHEETS
F25	F84
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



N. EAGLE RIVER ACCESS ROAD INTERCHANGE

PRELIMINARY

COMMON ELEMENT
(2004-73)

FIRE EAGLE CONDOMINIUM
PHASE 3

PIH

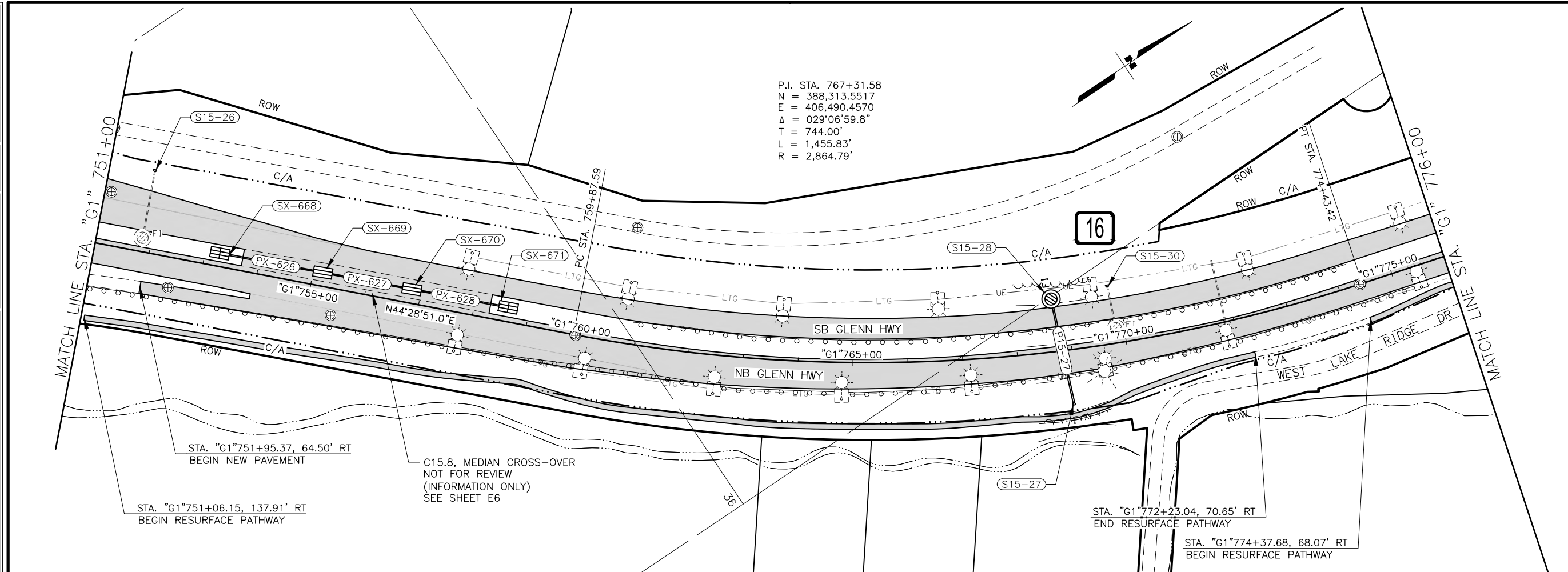
8/29/2024

PLANS DEVELOPED BY:
KINNEY ENGINEERING, LLC
3909 Arctic Blvd, Suite 400
ANCHORAGE, AK 99503
(907) 346-2373
CERT. OF AUTH. NO. AECL 1102

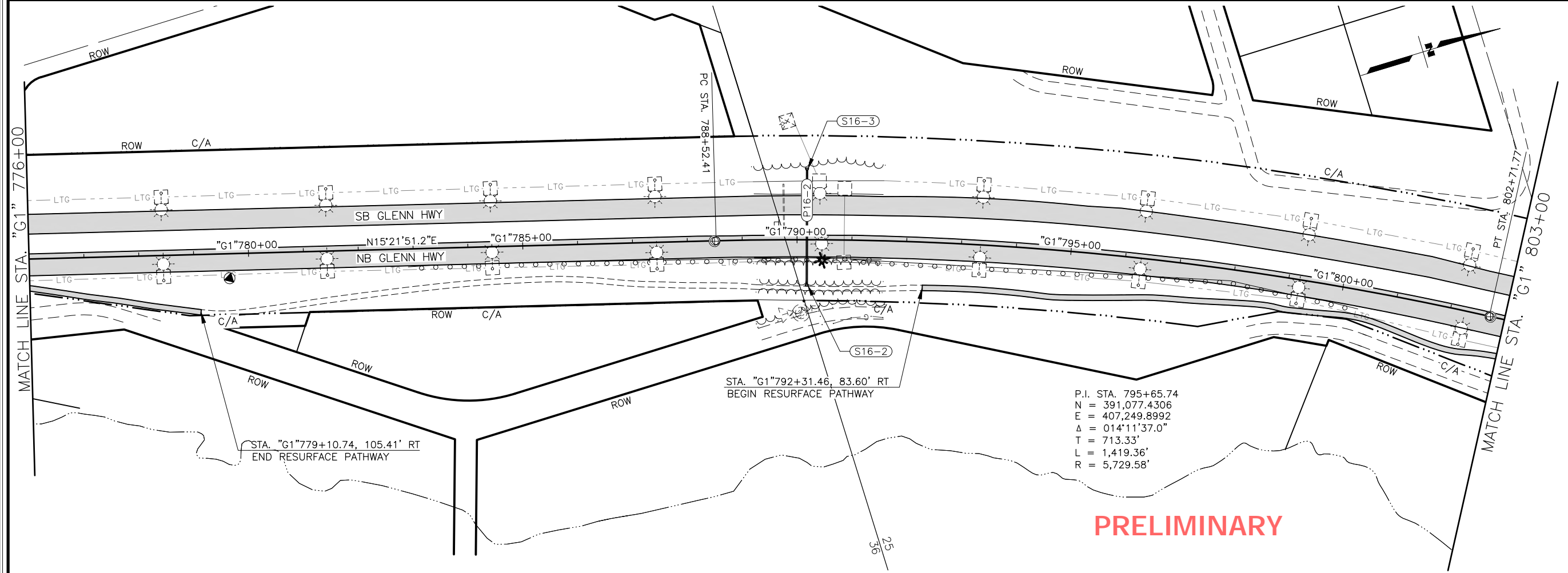
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
GLENN HWY: AIRPORT HEIGHTS
TO PARKS HWY REHABILITATION

PLAN
STA. 724+00 TO
STA. 751+00

DESIGNED BY: [] CHECKED BY: [] DRAFTED BY: []
 SCALE: 1" = 40'
 DATE: 8/29/2024 3:58 PM
 DRAWING LOCATION: Z:\PROJECTS\009777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\00945_F1-F50_P&P.DWG



P.I. STA. 767+31.58
 N = 388,313.5517
 E = 406,490.4570
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 T = 744.00'
 L = 1,455.83'
 R = 2,864.79'



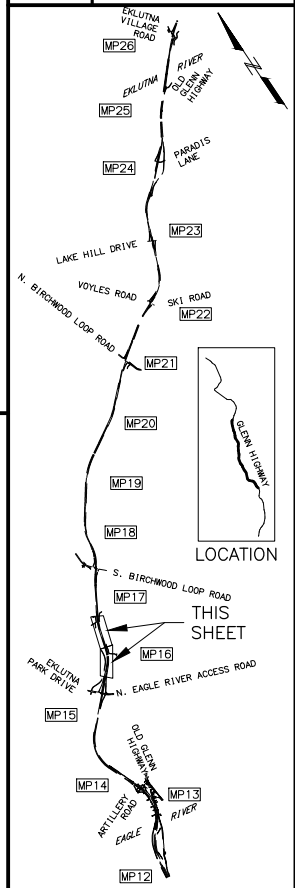
P.I. STA. 795+65.74
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 E = 407,249.8992
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 T = 713.33'
 L = 1,419.36'
 R = 5,729.58'

PRELIMINARY

SHEET NO.	TOTAL SHEETS
F26	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION



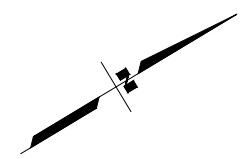
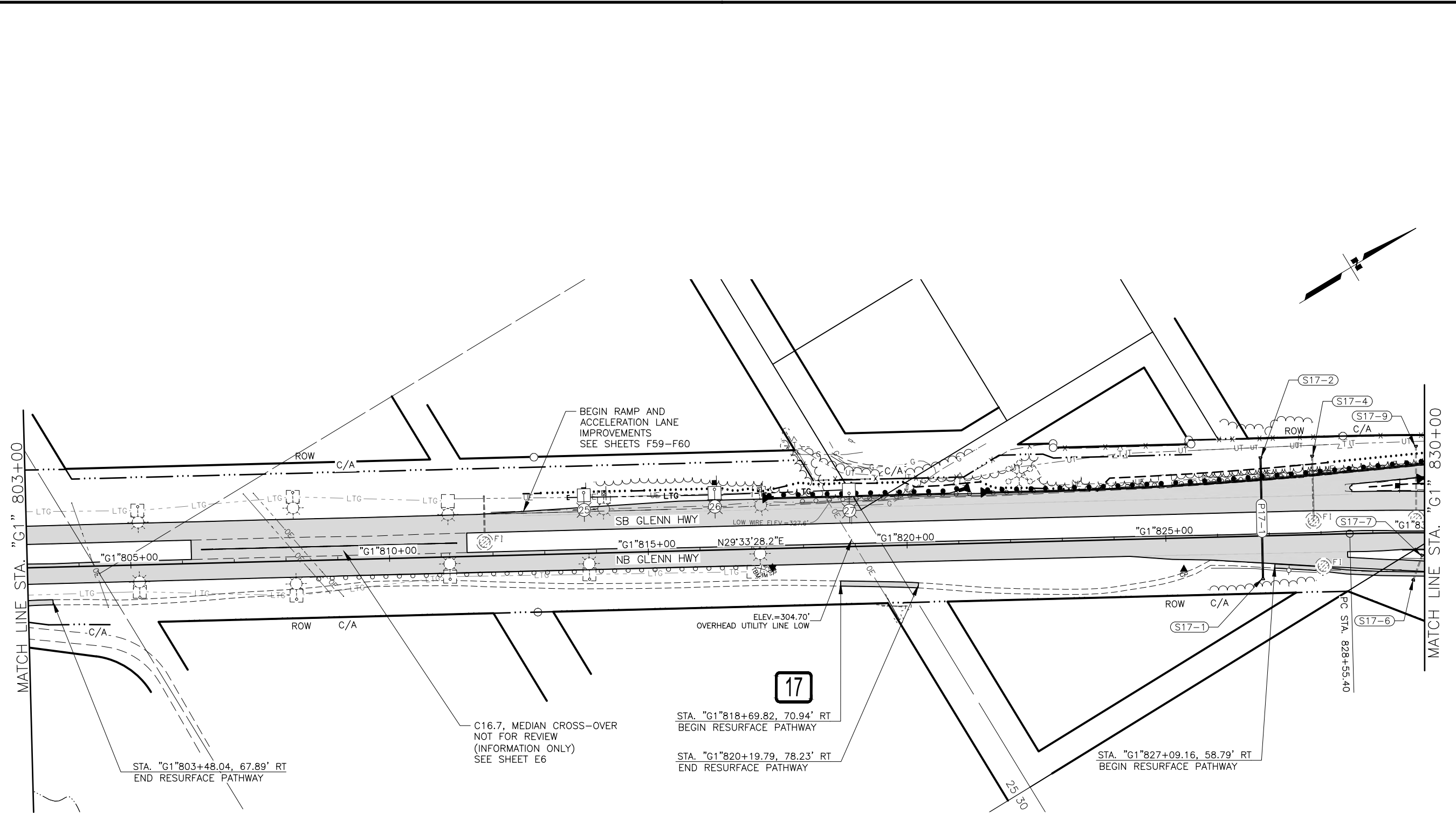
PIH
 8/29/2024

PLANS DEVELOPED BY:
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 (907) 346-2373
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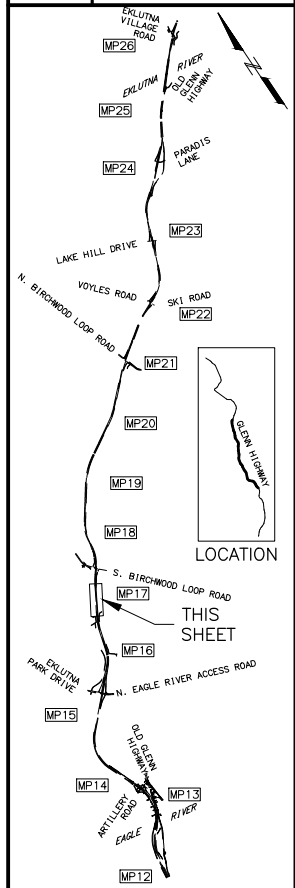
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

PLAN
STA. 751+00 TO
STA. 803+00

DESIGNED BY: [] CHECKED BY: [] DRAFTED BY: []
 SCALE: 1" = 40'
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SHEET NO.	TOTAL SHEETS
F27	F84
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



PIH
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PLANS DEVELOPED BY:
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 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

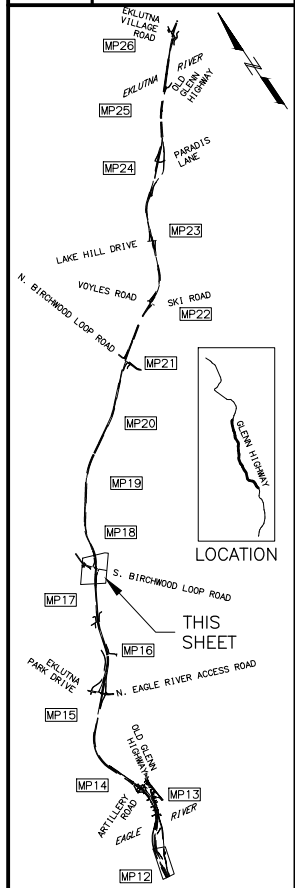
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

PLAN
 STA. 803+00 TO
 STA. 830+00

PRELIMINARY

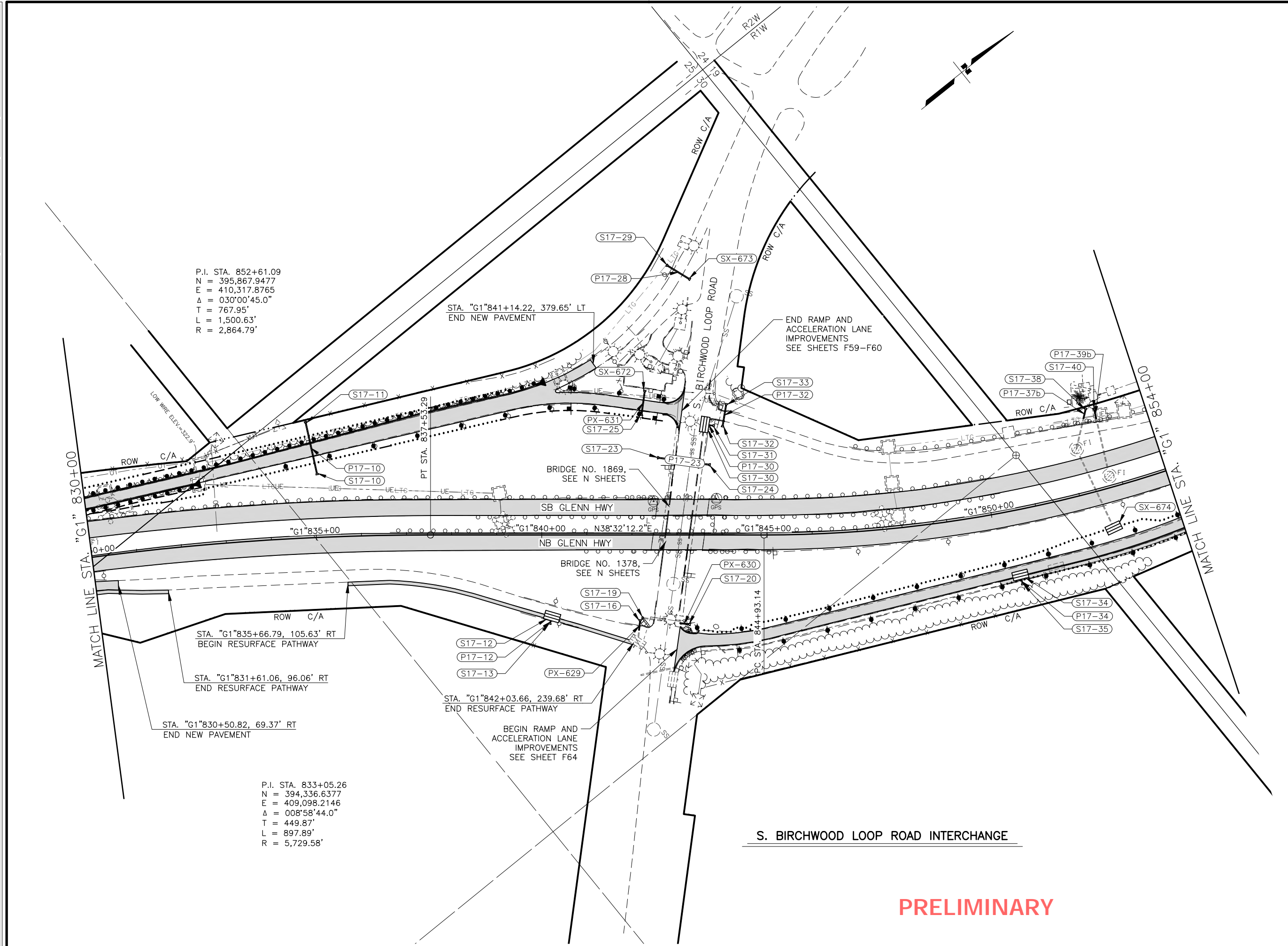
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SHEET NO.	TOTAL SHEETS
F28	F84
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



PIH
 8/29/2024
 PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION
PLAN
 STA. 830+00 TO
 STA. 854+00



S. BIRCHWOOD LOOP ROAD INTERCHANGE

PRELIMINARY

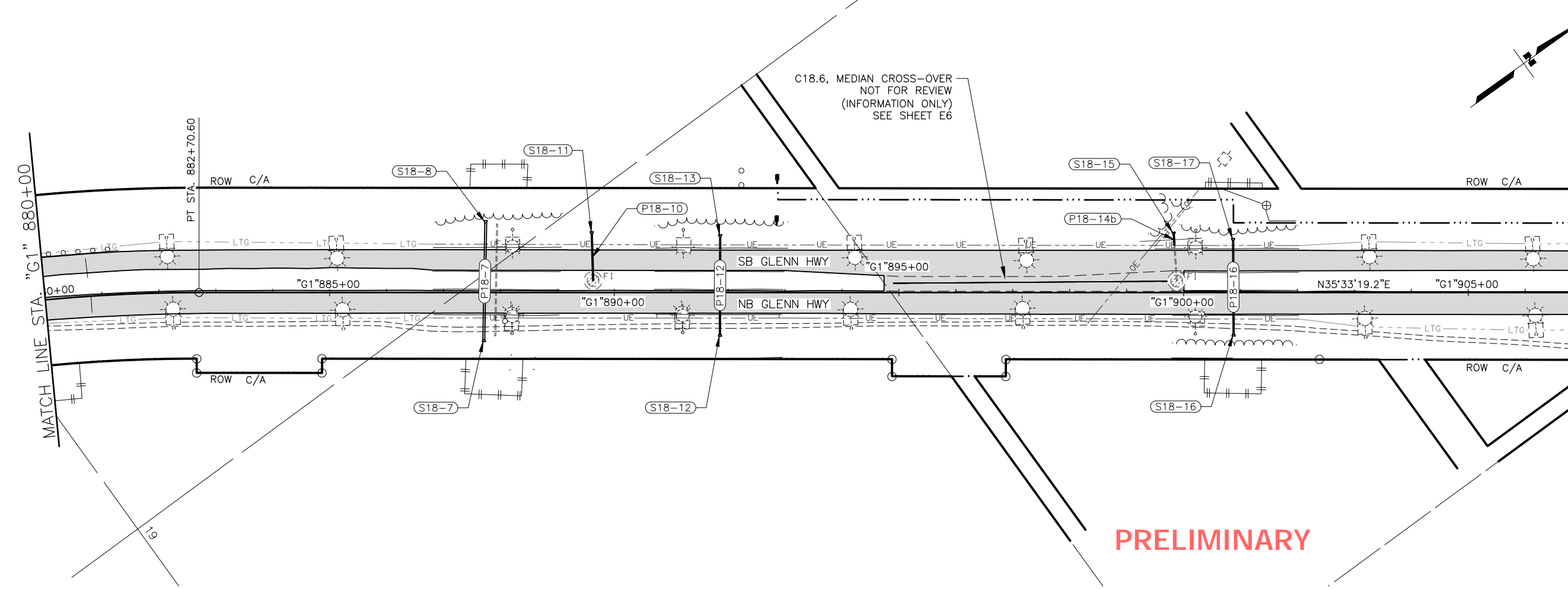
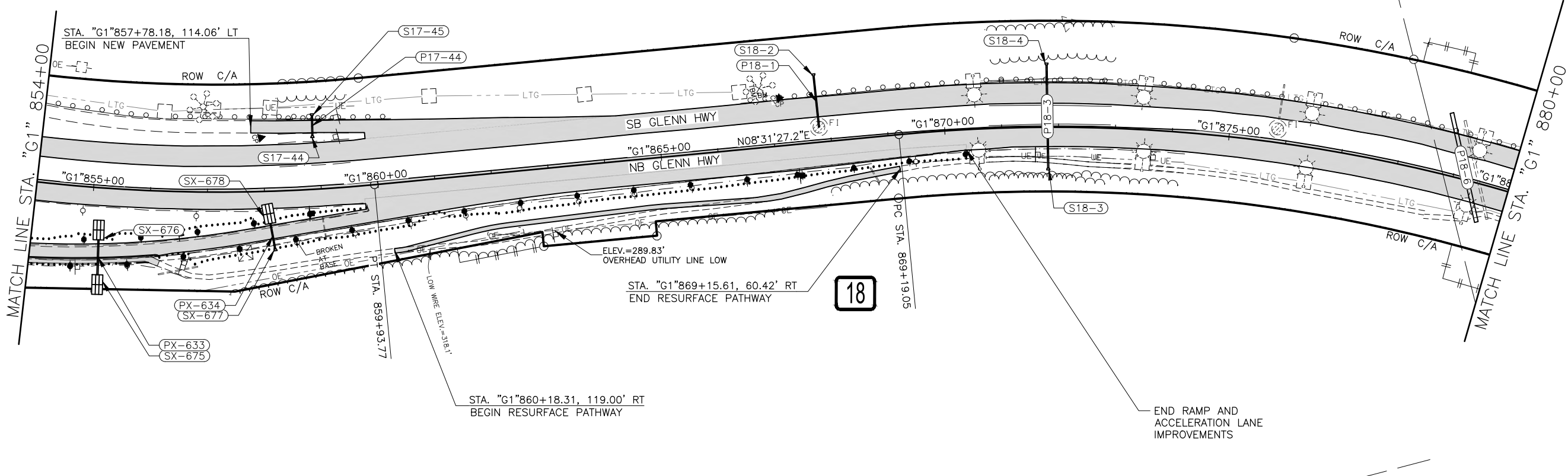
P.I. STA. 852+61.09
 N = 395,867.9477
 E = 410,317.8765
 Δ = 030°00'45.0"
 T = 767.95'
 L = 1,500.63'
 R = 2,864.79'

STA. "G1"835+66.79, 105.63' RT
 BEGIN RESURFACE PATHWAY
 STA. "G1"831+61.06, 96.06' RT
 END RESURFACE PATHWAY
 STA. "G1"830+50.82, 69.37' RT
 END NEW PAVEMENT

STA. "G1"842+03.66, 239.68' RT
 END RESURFACE PATHWAY
 BEGIN RAMP AND
 ACCELERATION LANE
 IMPROVEMENTS
 SEE SHEET F64

P.I. STA. 833+05.26
 N = 394,336.6377
 E = 409,098.2146
 Δ = 008°58'44.0"
 T = 449.87'
 L = 897.89'
 R = 5,729.58'

P.I. STA. 876+07.64
 N = 398,223.4673
 E = 410,670.9291
 Δ = 027°01'52.0"
 T = 688.60'
 L = 1,351.56'
 R = 2,864.79'

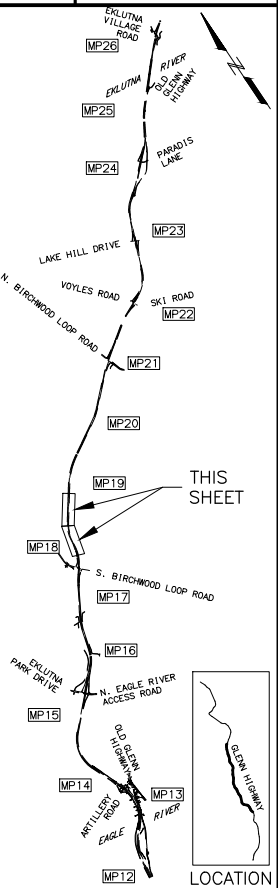


PRELIMINARY

SHEET NO.	TOTAL SHEETS
F29	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION

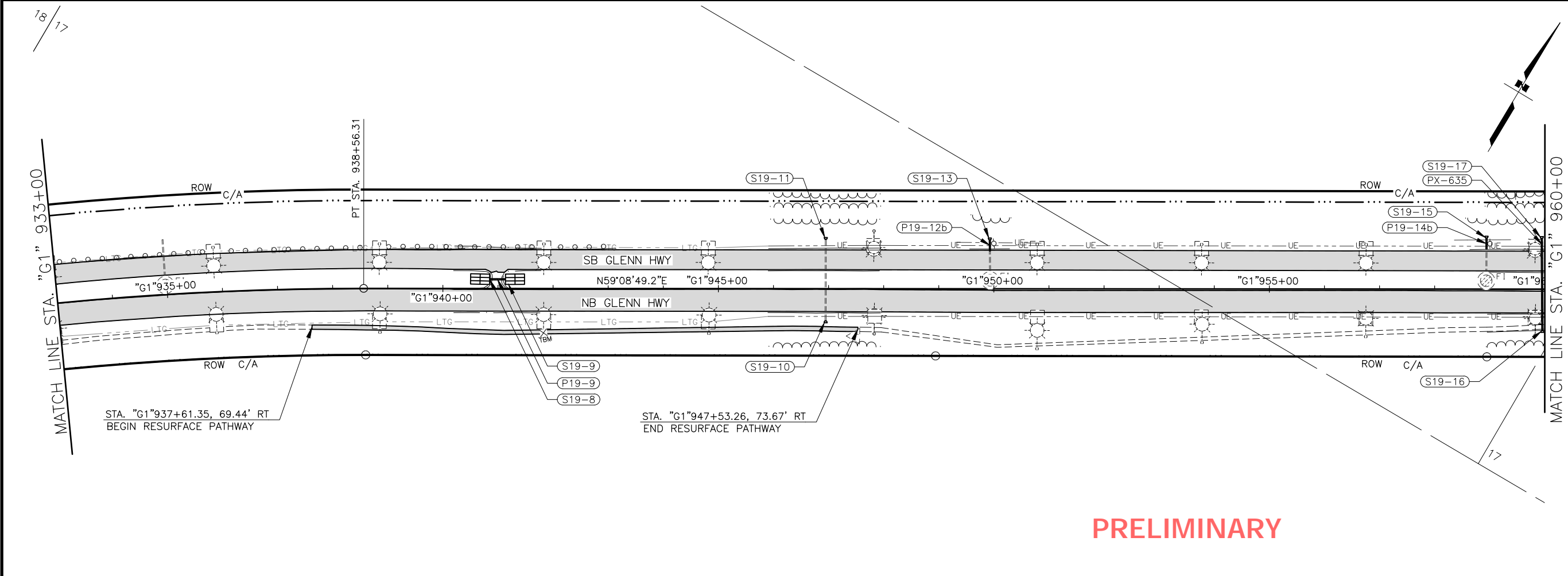
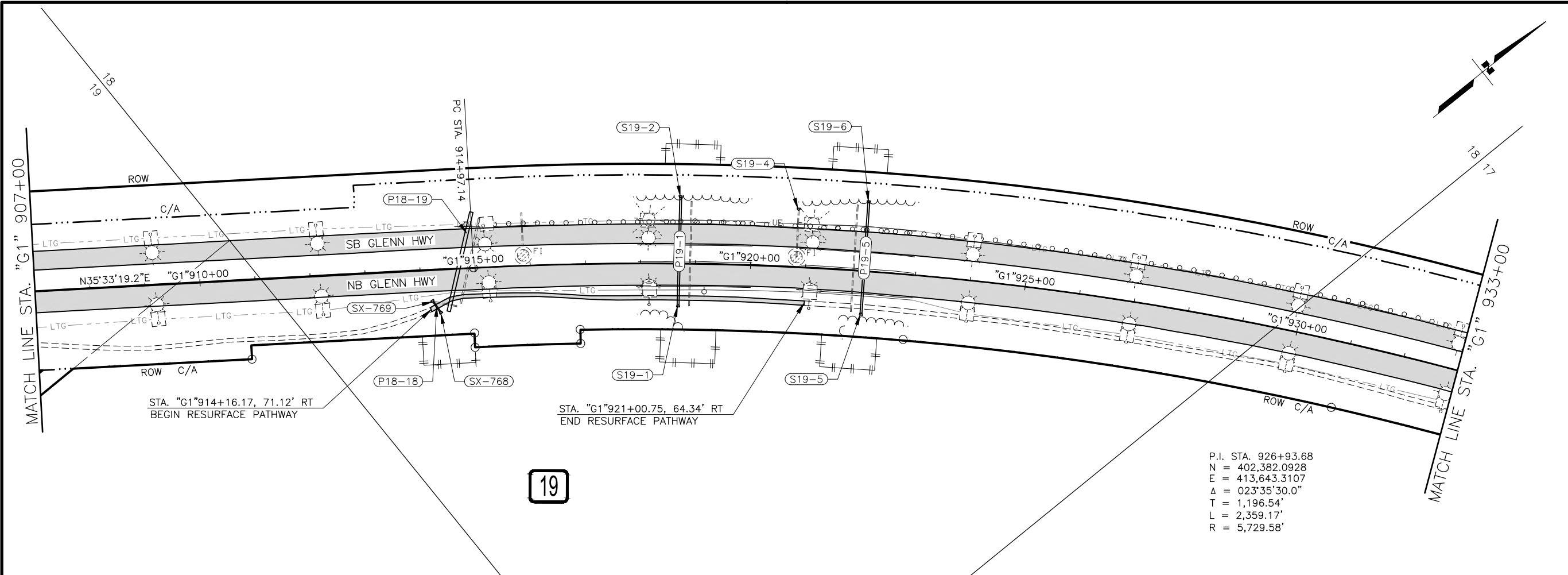


PIH
 8/29/2024
 PLANS DEVELOPED BY:
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 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**
PLAN
STA. 854+00 TO
STA. 907+00

DRAWING LOCATION
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 DATE 8/29/2024 4:00 PM
 SCALE 1" = 40'
 DESIGNED BY
 CHECKED BY
 DRAFTED BY

DRAWING LOCATION: Z:\PROJECTS\009777_GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00945_F1-F50_P&P.DWG
 DATE: 8/29/2024 4:00 PM
 TIME: 4:00 PM
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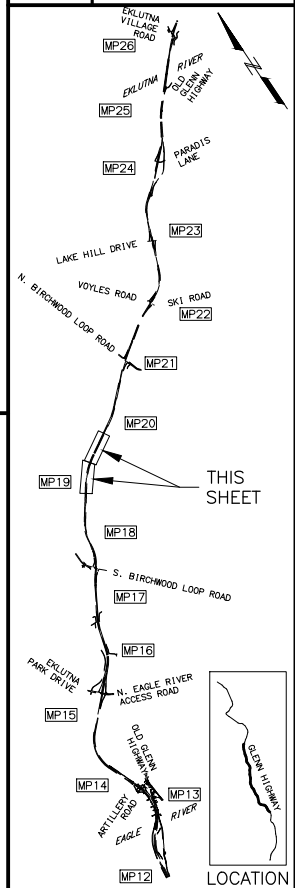


PRELIMINARY

SHEET NO.	TOTAL SHEETS
F30	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION



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8/29/2024

PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
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 (907) 346-2373
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STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

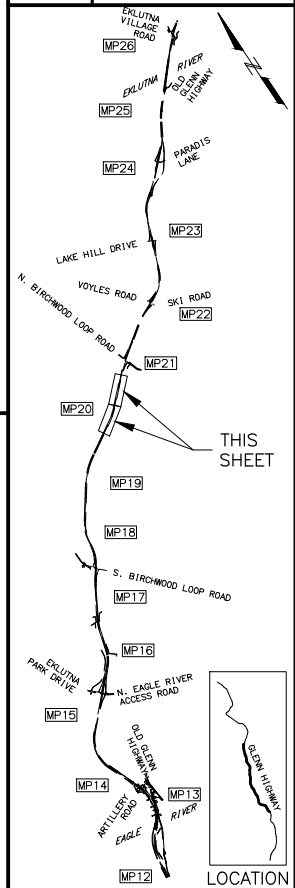
PLAN
 STA. 907+00 TO
 STA. 960+00

DESIGNED BY: []
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 DRAFTED BY: []
 SCALE: 1" = 40'
 DATE: 8/29/2024 4:01 PM
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SHEET NO.	TOTAL SHEETS
F31	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION

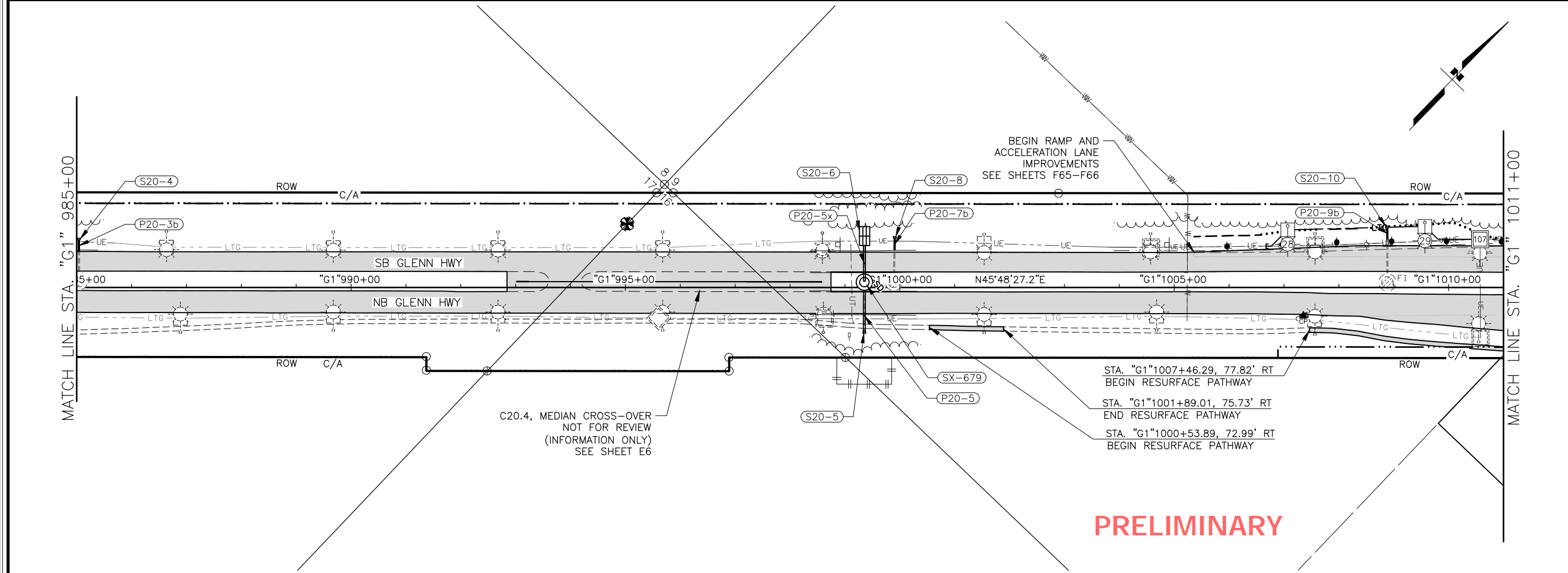
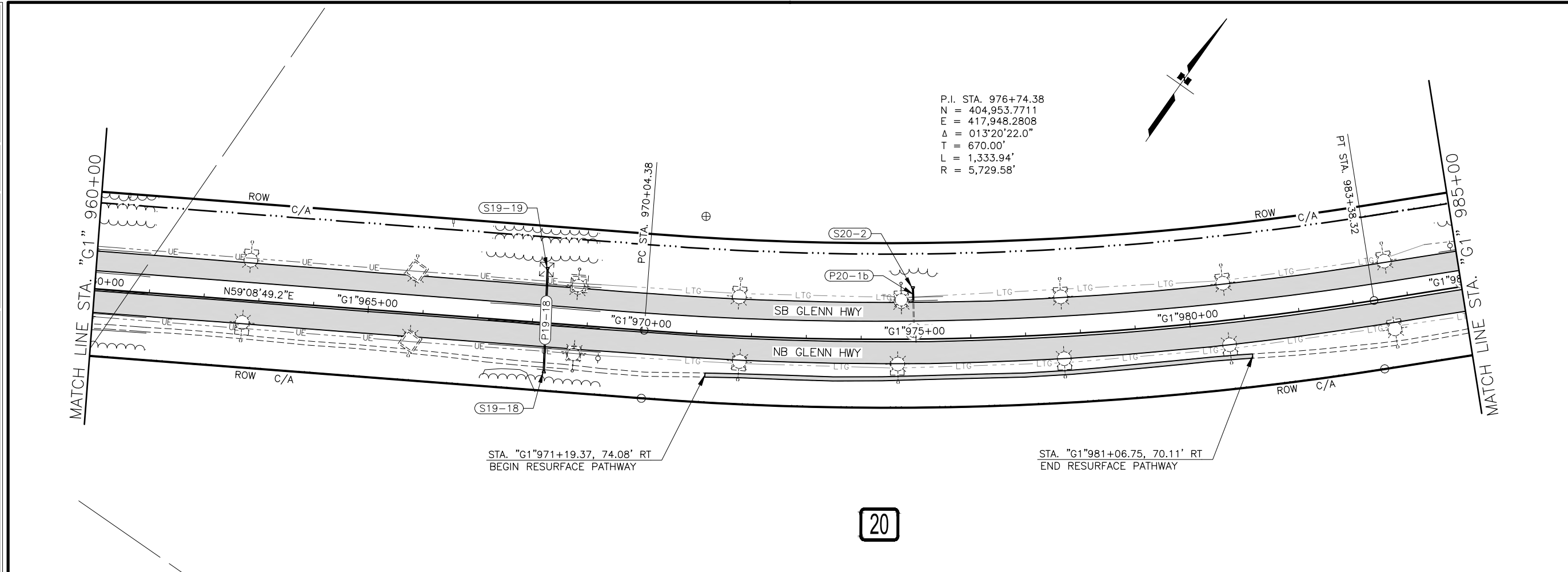


PIH
 8/29/2024

PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
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 ANCHORAGE, AK 99503
 (907) 346-2373
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STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

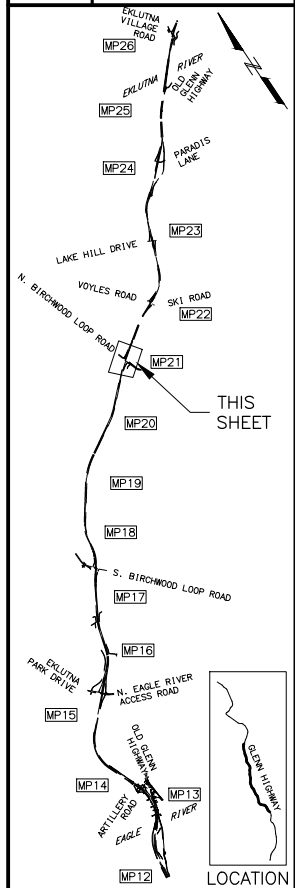
PLAN
 STA. 960+00 TO
 STA. 1011+00



PRELIMINARY

DESIGNED BY: []
 CHECKED BY: []
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 SCALE: 1" = 40'
 DATE: 8/29/2024 4:01 PM
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SHEET NO.	TOTAL SHEETS
F32	F84
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

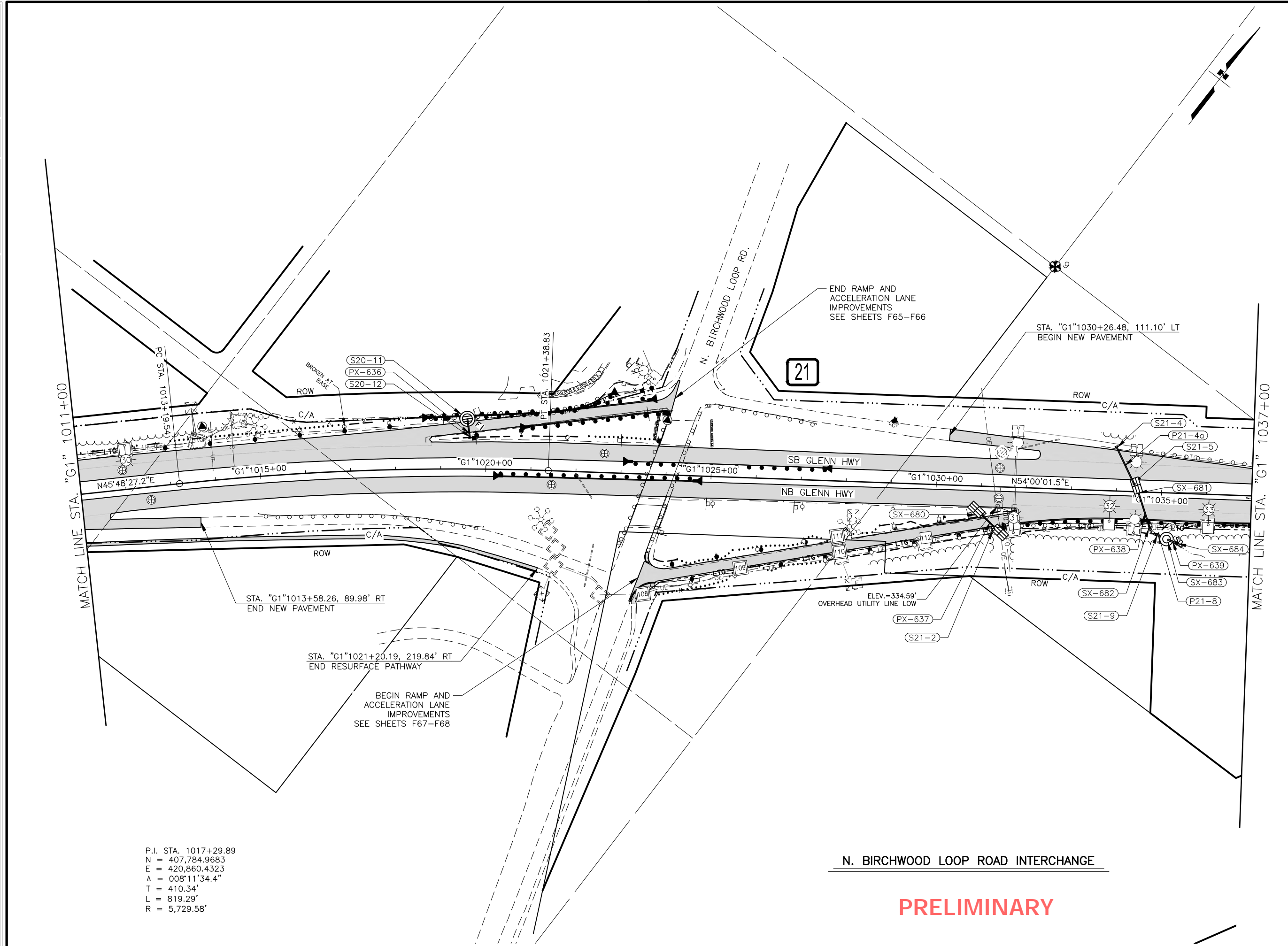


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8/29/2024

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 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
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STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

PLAN
 STA. 1011+00 TO
 STA. 1037+00

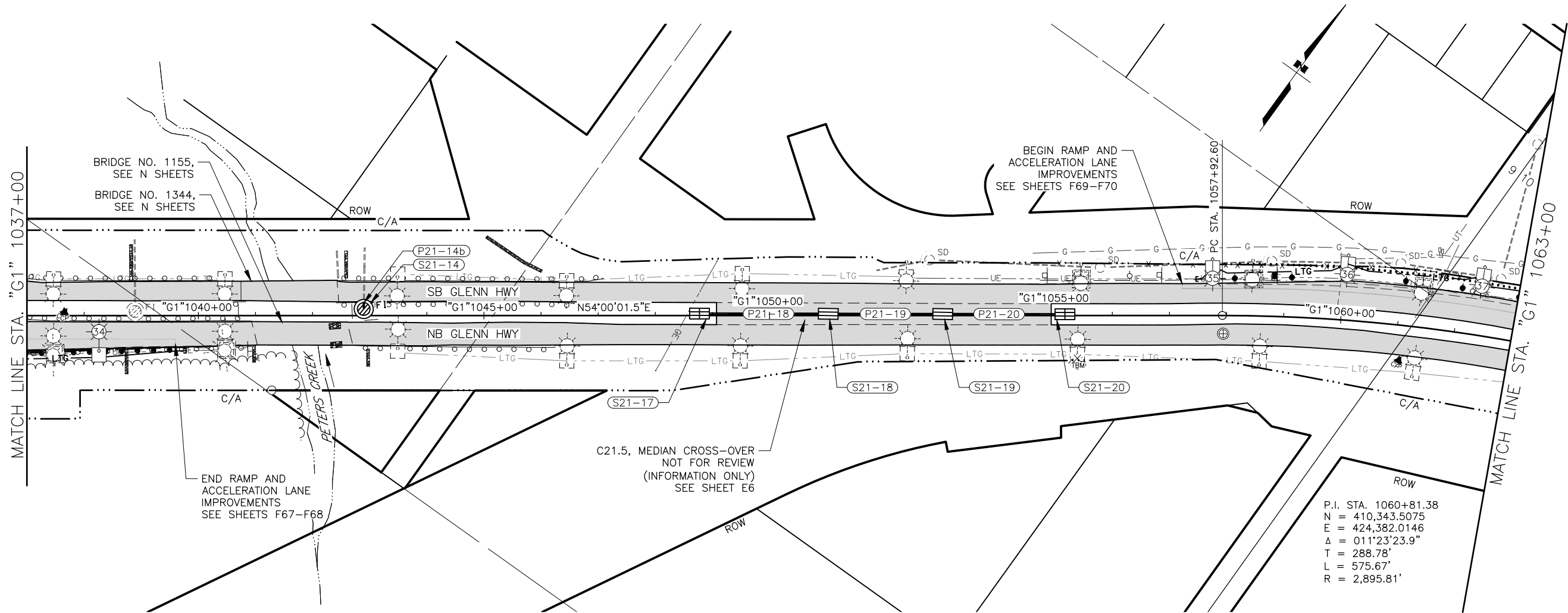


P.I. STA. 1017+29.89
 N = 407,784.9683
 E = 420,860.4323
 Δ = 008°11'34.4"
 T = 410.34'
 L = 819.29'
 R = 5,729.58'

N. BIRCHWOOD LOOP ROAD INTERCHANGE

PRELIMINARY

Z:\PROJECTS\009777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C SHEETS\00945_F1-F50_P&P.DWG
 DRAWING LOCATION
 DESIGNED BY: _____
 CHECKED BY: _____
 DRAFTED BY: _____
 SCALE: 1" = 40'
 DATE: 8/29/2024 4:02 PM
 TIME: _____

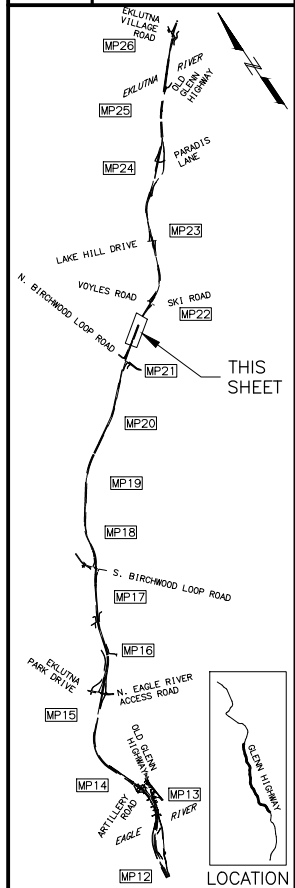


P.I. STA. 1060+81.38
 N = 410,343.5075
 E = 424,382.0146
 $\Delta = 011^{\circ}23'23.9''$
 T = 288.78'
 L = 575.67'
 R = 2,895.81'

SHEET NO.	TOTAL SHEETS
F33	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION



PIH
 8/29/2024

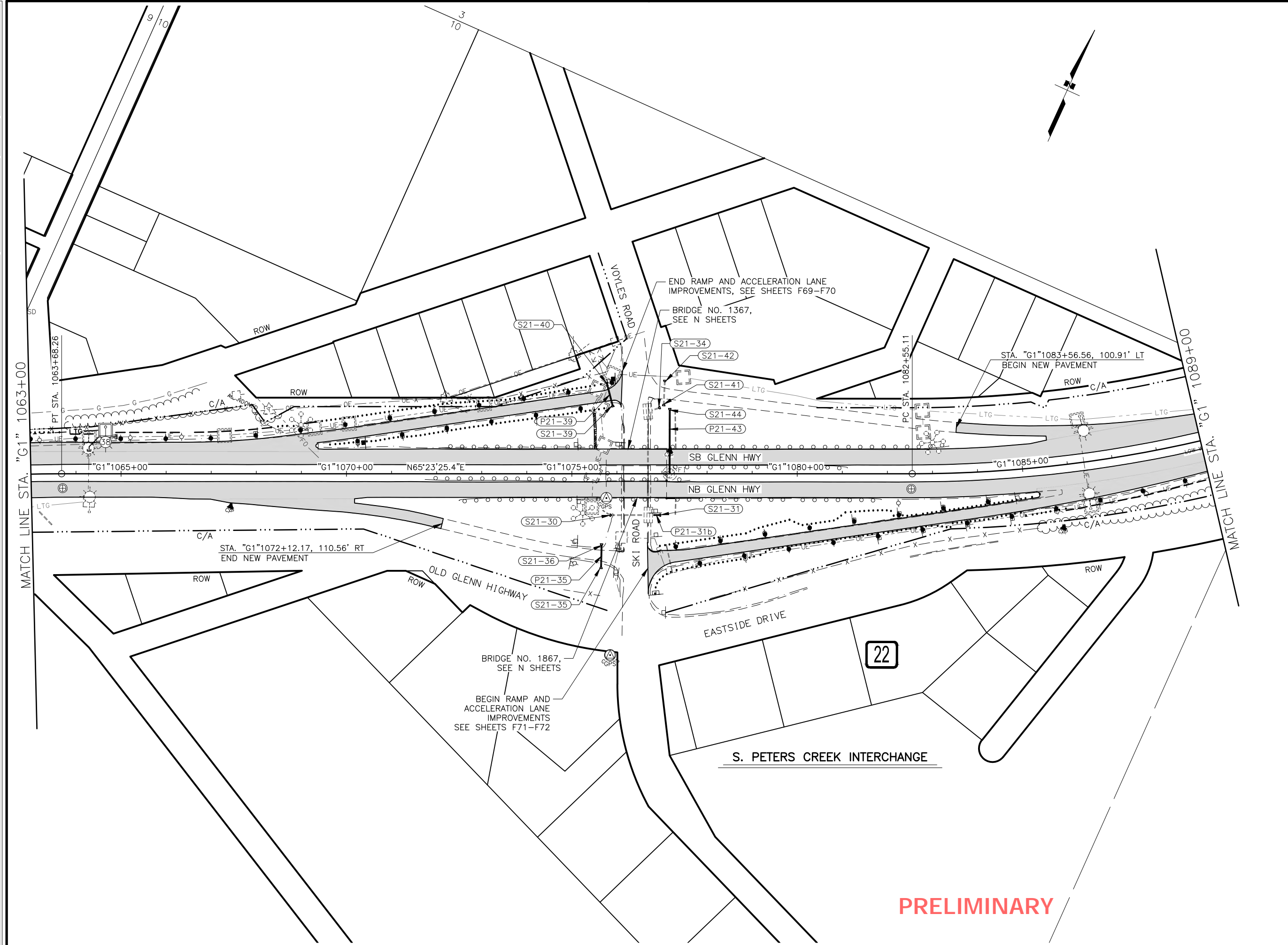
PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

PLAN
 STA. 1037+00 TO
 STA. 1063+00

PRELIMINARY

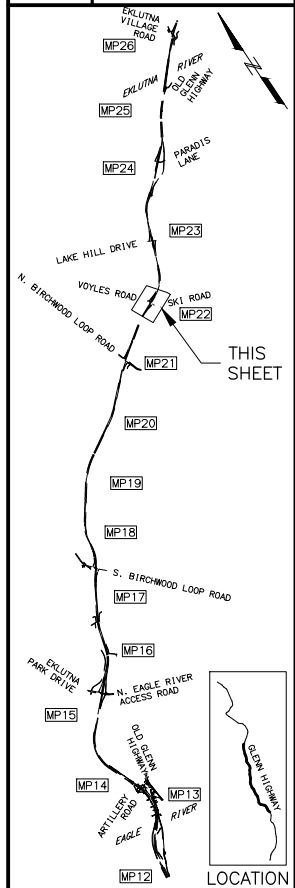
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 DATE: 8/29/2024



SHEET NO.	TOTAL SHEETS
F34	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION



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8/29/2024

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 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
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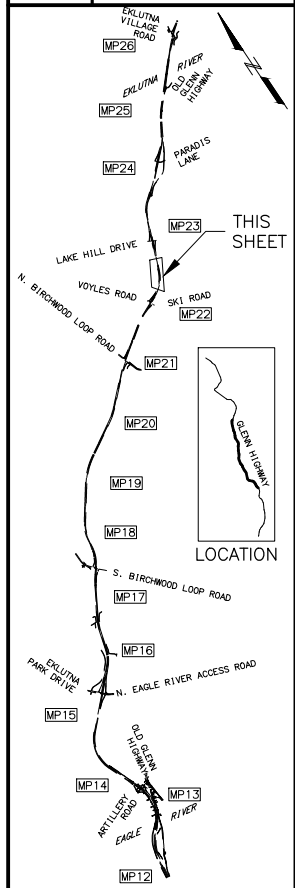
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

PLAN
 STA. 1063+00 TO
 STA. 1089+00

PRELIMINARY

DESIGNED BY: [] CHECKED BY: [] DRAFTED BY: []
 SCALE: 1" = 40'
 DATE: 8/29/2024 4:03 PM
 TIME: []
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SHEET NO.	TOTAL SHEETS
F35	F84
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

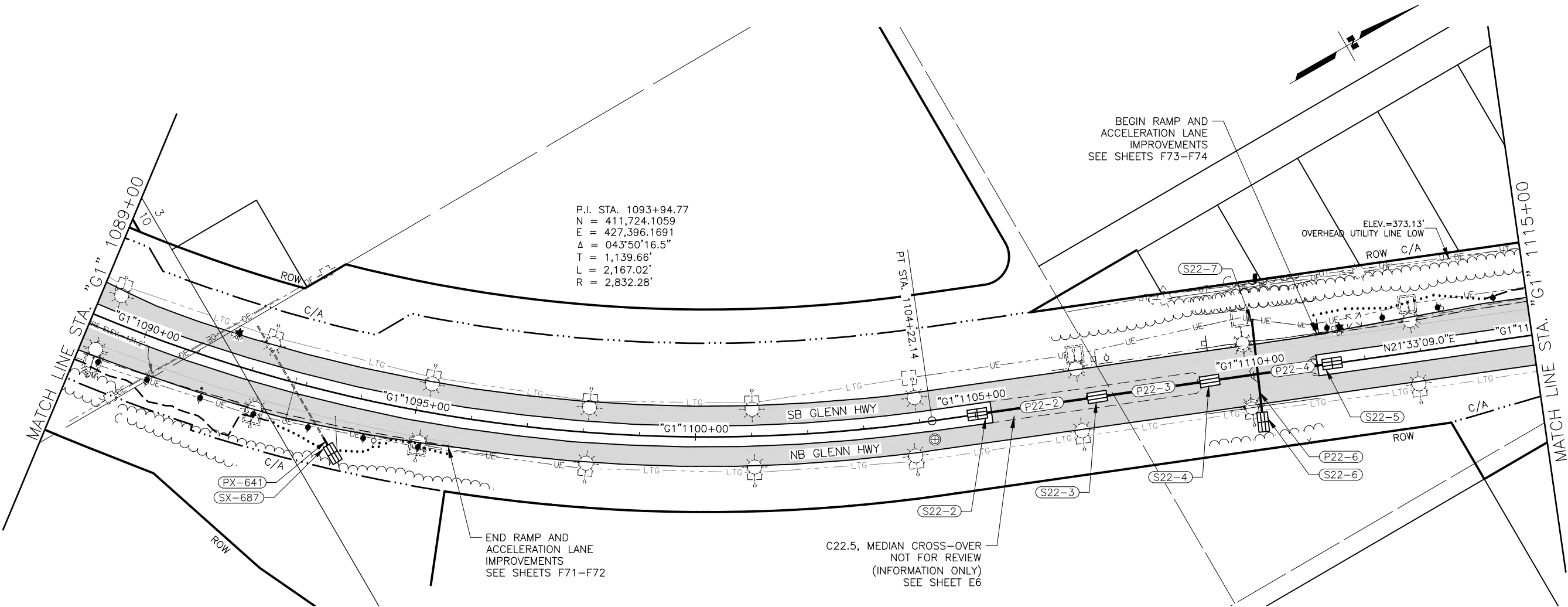


PIH
 8/29/2024

PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

PLAN
 STA. 1089+00 TO
 STA. 1115+00



P.I. STA. 1093+94.77
 N = 411,724.1059
 E = 427,396.1691
 Δ = 043°50'16.5"
 T = 1,139.66'
 L = 2,167.02'
 R = 2,832.28'

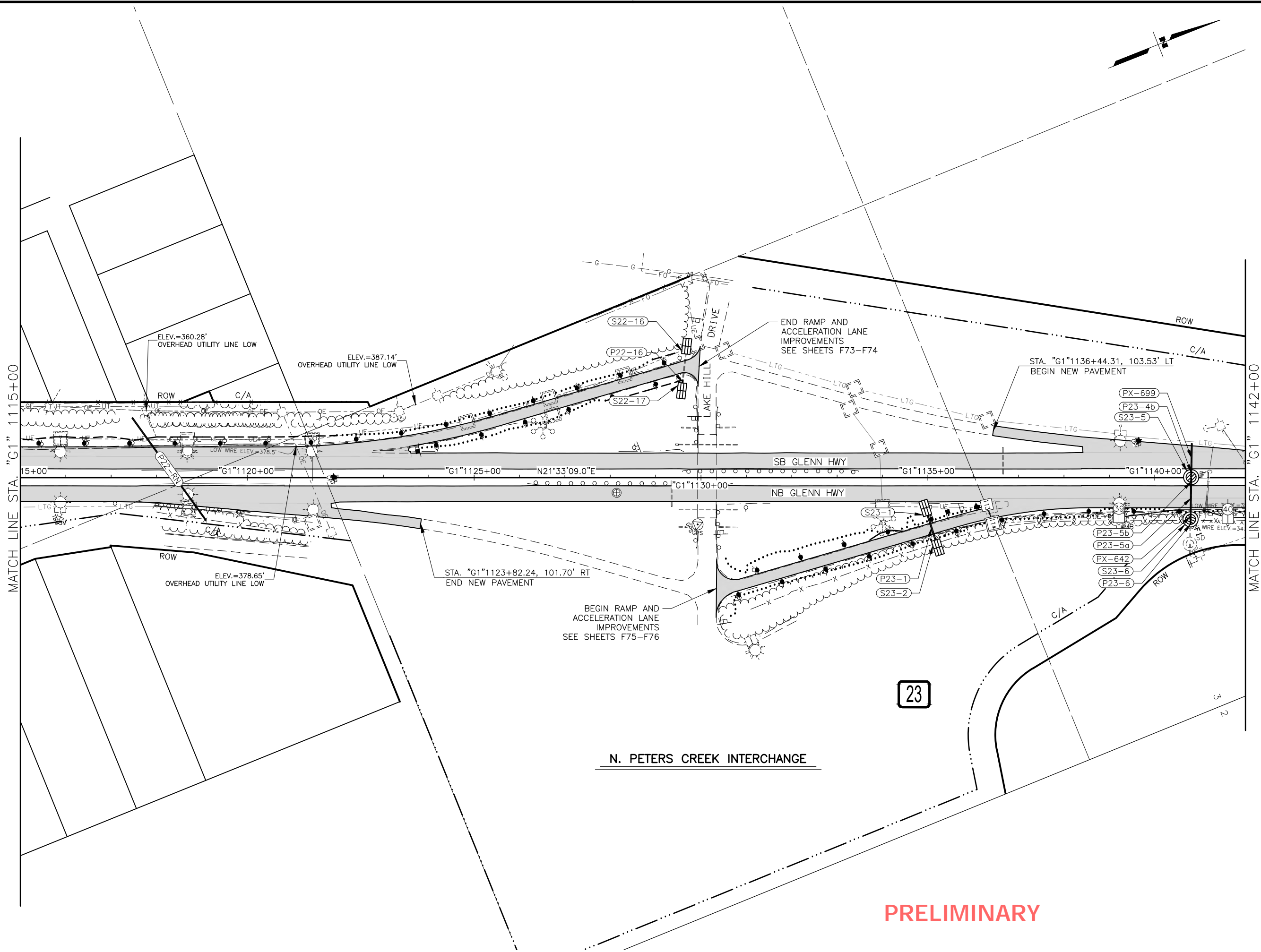
BEGIN RAMP AND
 ACCELERATION LANE
 IMPROVEMENTS
 SEE SHEETS F73-F74

END RAMP AND
 ACCELERATION LANE
 IMPROVEMENTS
 SEE SHEETS F71-F72

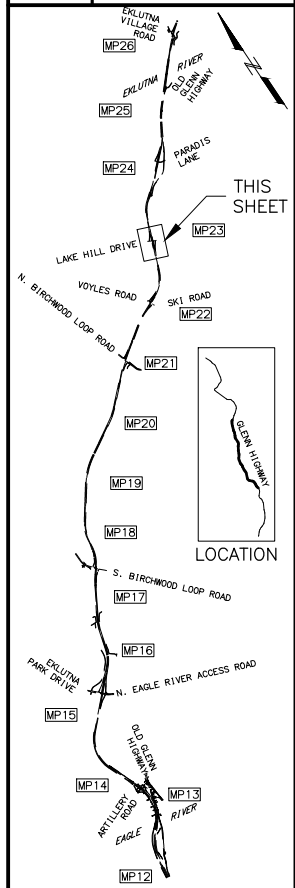
C22.5, MEDIAN CROSS-OVER
 NOT FOR REVIEW
 (INFORMATION ONLY)
 SEE SHEET E6

PRELIMINARY

Z:\PROJECTS\009777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C SHEETS\00945_F1-F50_P&P.DWG
 DRAWING LOCATION
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 SCALE: 1" = 40'
 DATE: 8/29/2024 4:03 PM
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SHEET NO.	TOTAL SHEETS
F36	F84
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



PIH
 8/29/2024

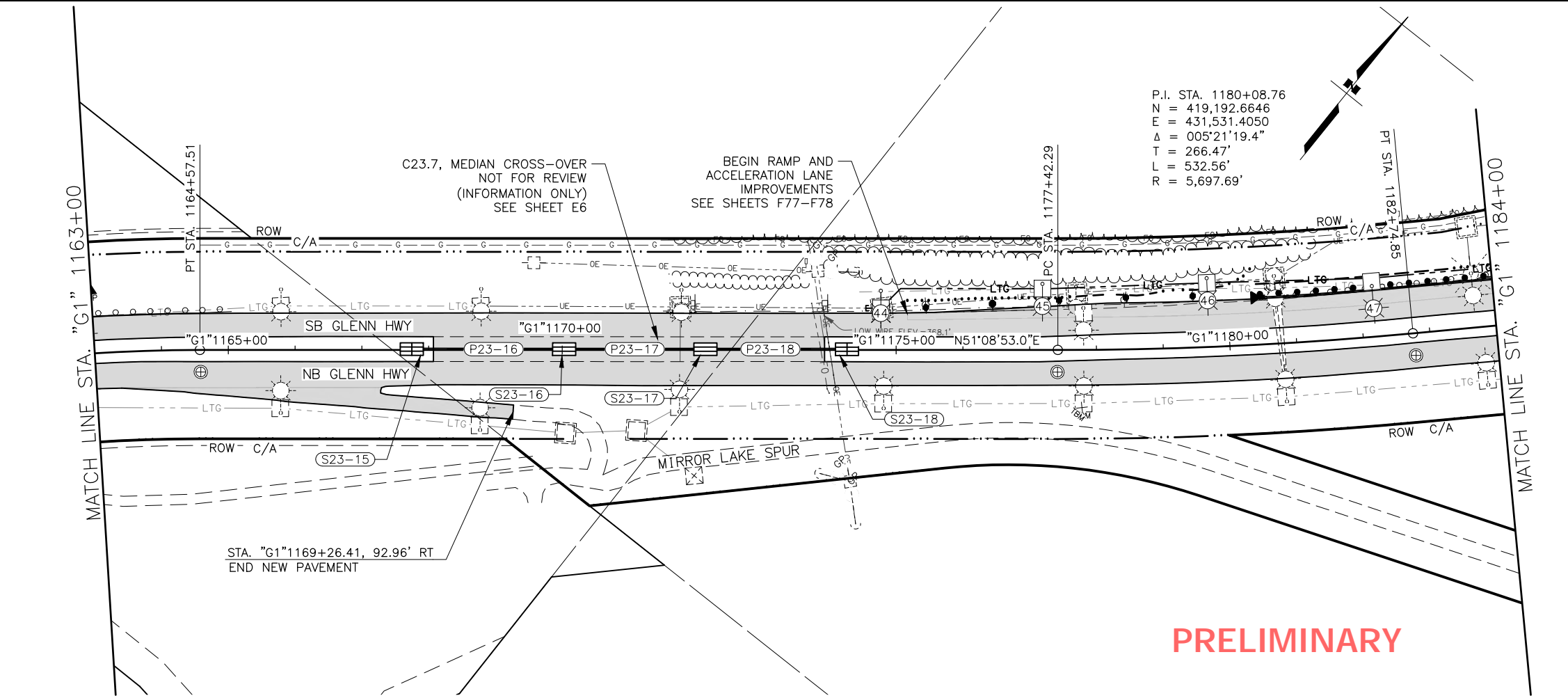
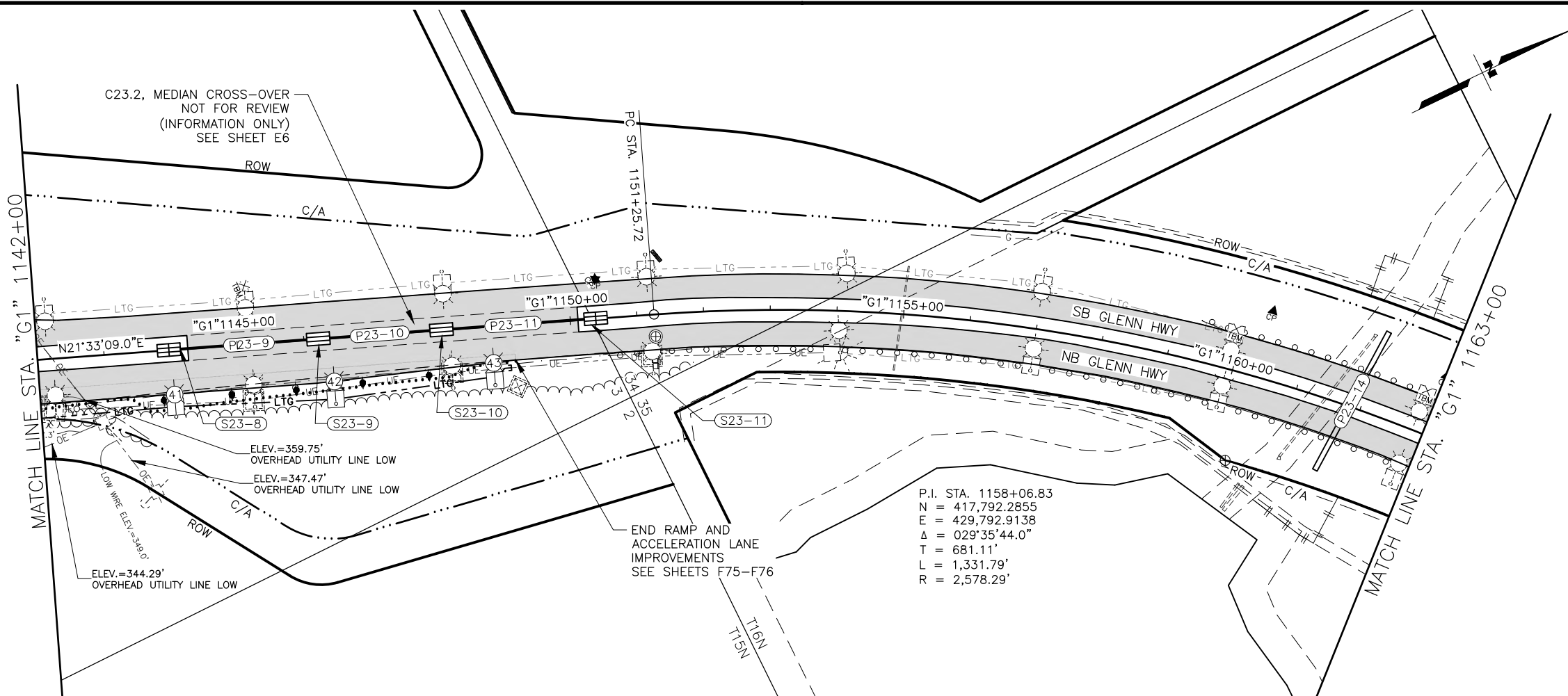
PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

PLAN
 STA. 1115+00 TO
 STA. 1142+00

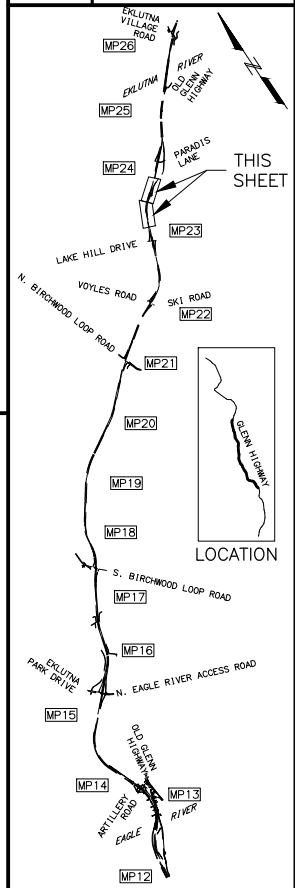
PRELIMINARY

DRAWING LOCATION: Z:\PROJECTS\009777_GLENN_HWY_AIRPORT_HTS_TO_PARKS\DWGS\C\SHEETS\00945_F1-F50_P&P.DWG
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PRELIMINARY

SHEET NO. F37	TOTAL SHEETS F84
STATE ALASKA	YEAR 2024
PROJECT DESIGNATION 0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

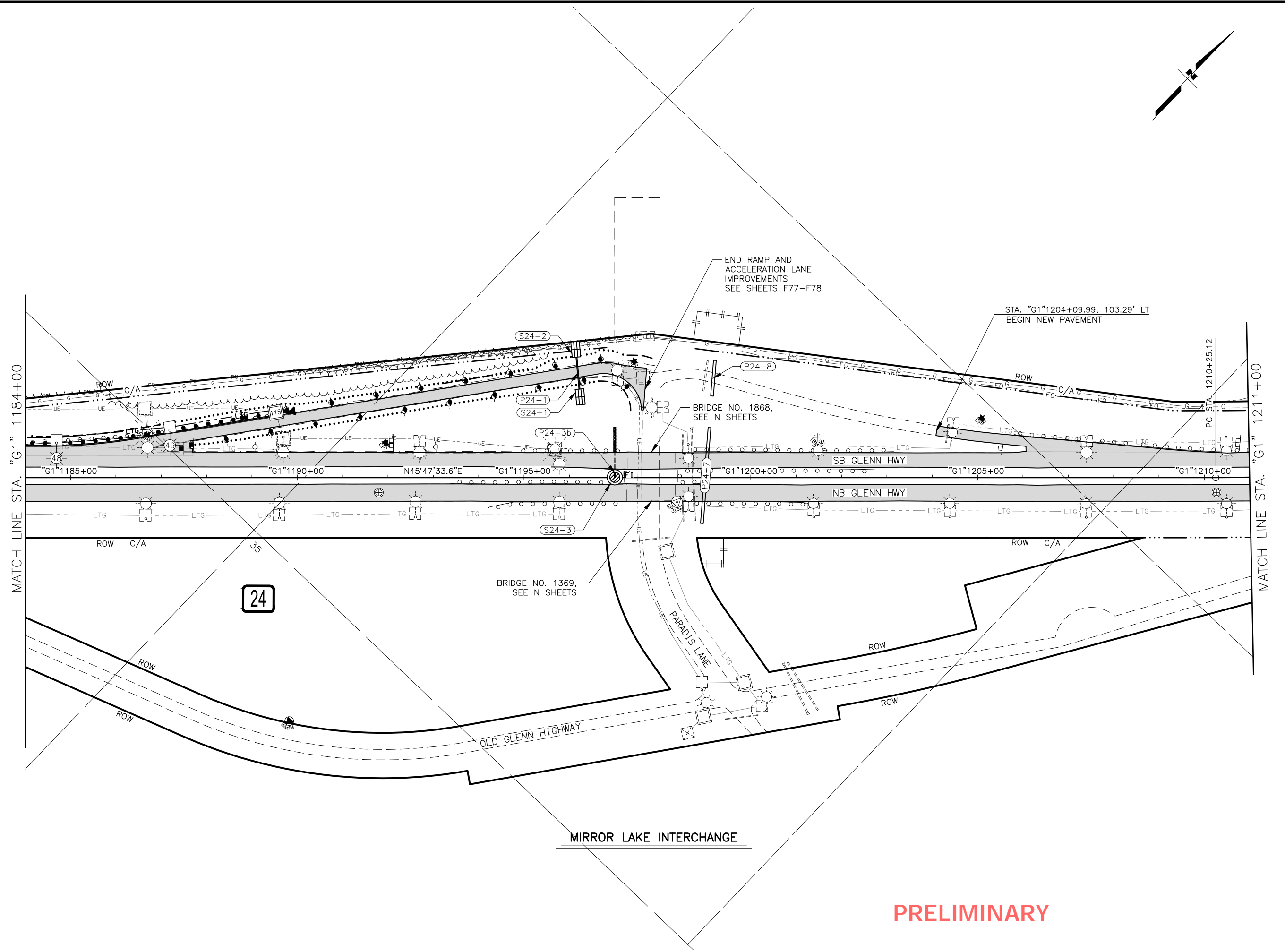


PIH
 8/29/2024

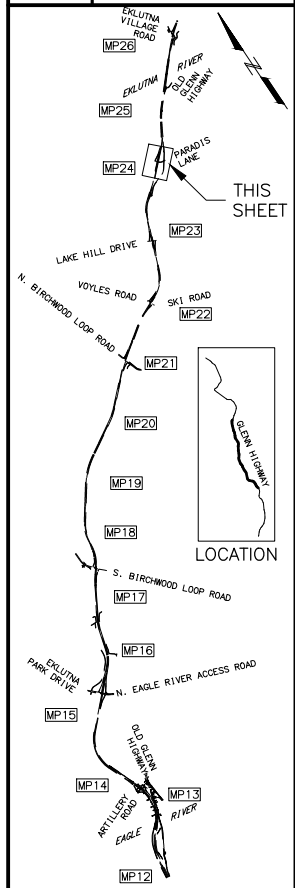
PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**
PLAN
STA. 1142+00 TO
STA. 1184+00

DESIGNED BY: _____ CHECKED BY: _____ DRAFTED BY: _____
 SCALE: 1" = 40'
 DATE: 8/29/2024 4:04 PM
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SHEET NO.	TOTAL SHEETS
F38	F84
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



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 8/29/2024

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 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
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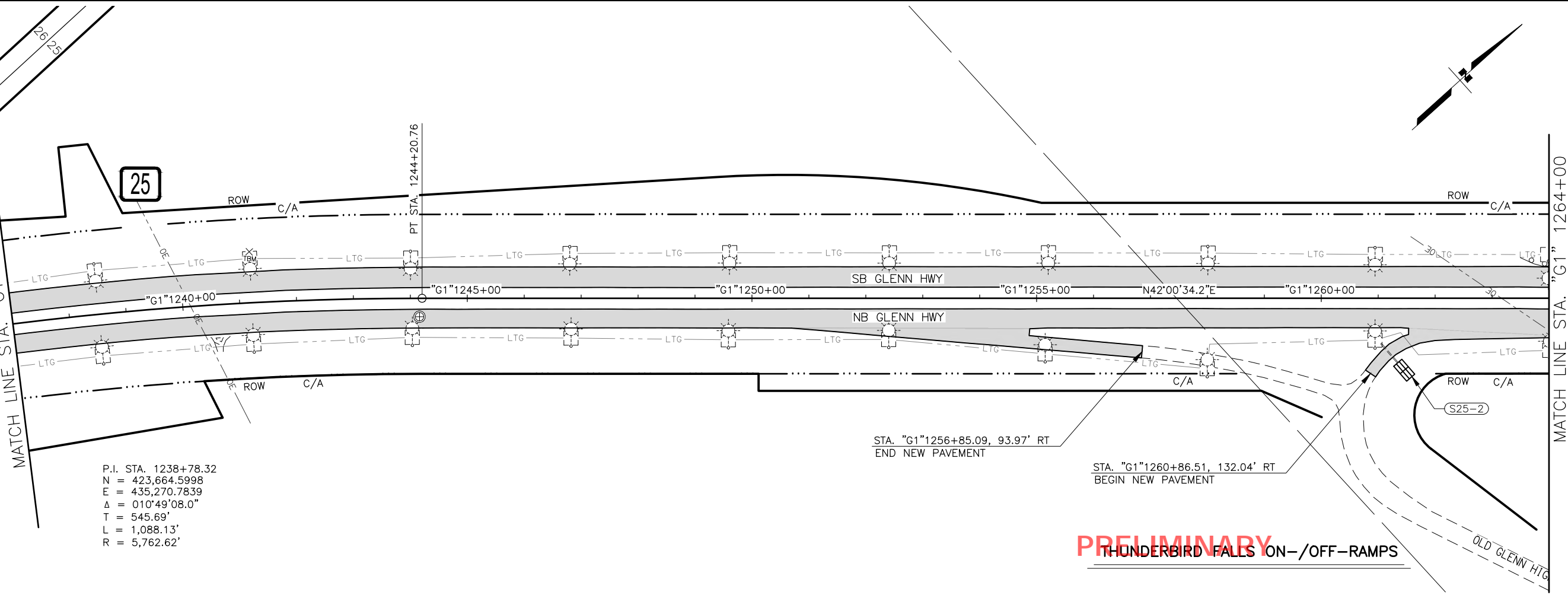
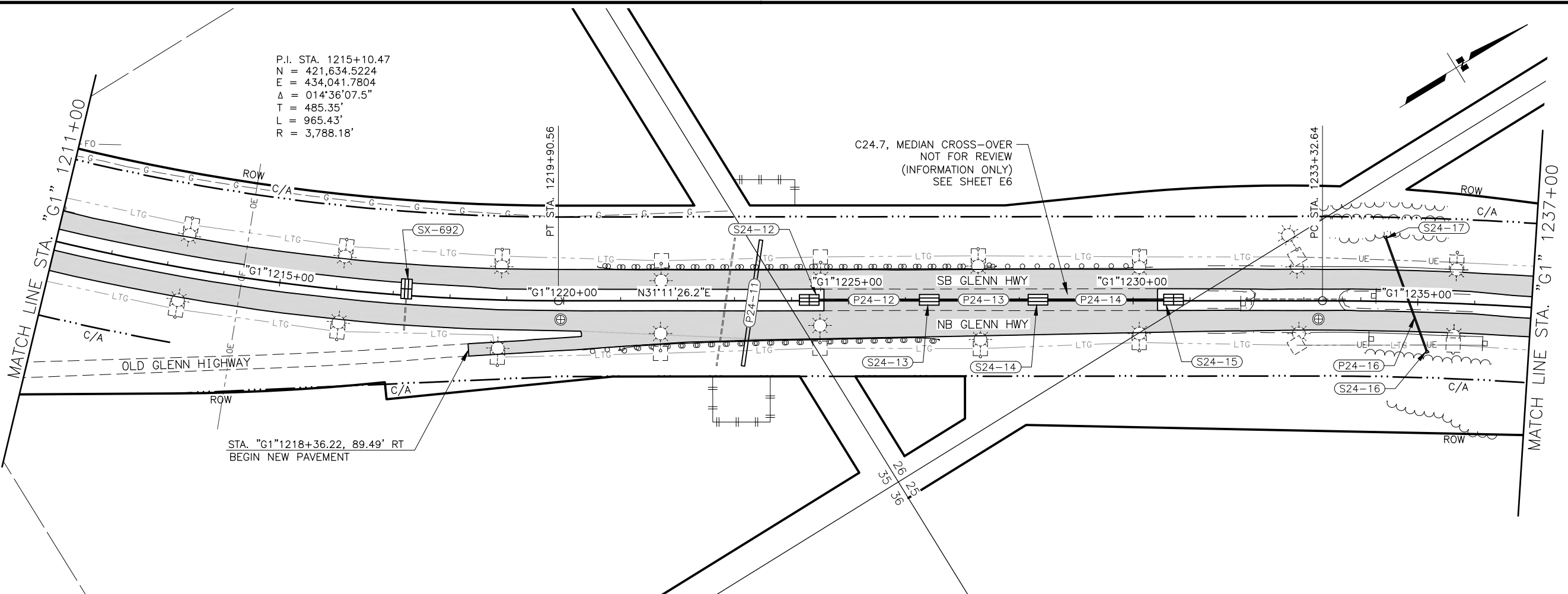
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

PLAN
 STA. 1184+00 TO
 STA. 1211+00

PRELIMINARY

DRAWING LOCATION: Z:\PROJECTS\009777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\00945_F1-F50_P&P.DWG
 DATE: 8/29/2024 4:05 PM
 SCALE: X" = XX'
 DESIGNED BY: [blank]
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 DRAFTED BY: [blank]

P.I. STA. 1215+10.47
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 E = 434,041.7804
 $\Delta = 014^{\circ}36'07.5"$
 T = 485.35'
 L = 965.43'
 R = 3,788.18'



P.I. STA. 1238+78.32
 N = 423,664.5998
 E = 435,270.7839
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 T = 545.69'
 L = 1,088.13'
 R = 5,762.62'

PRELIMINARY

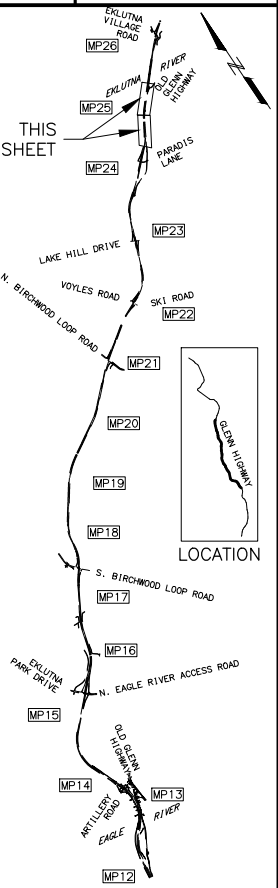
THUNDERBIRD FALLS ON-/OFF-RAMPS

SHEET NO.	TOTAL SHEETS
F39	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION

0001656/
CFHWY00545

NO.	REVISION



PIH

8/29/2024

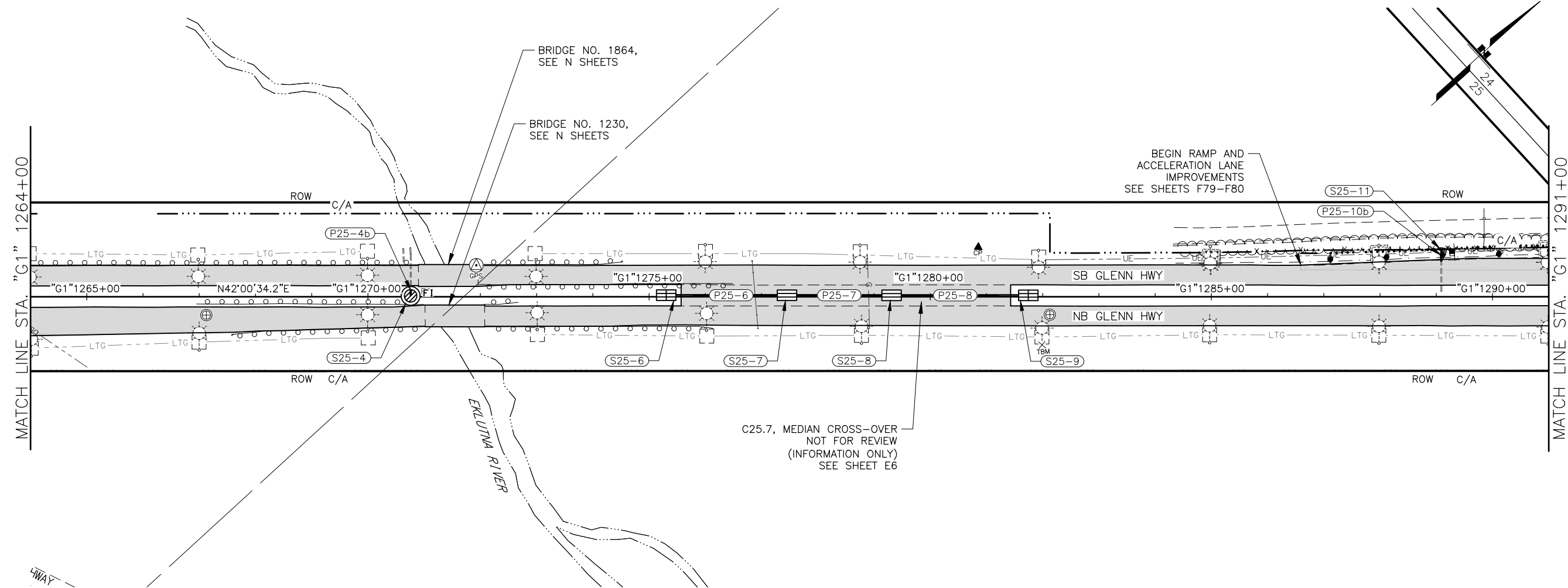
PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

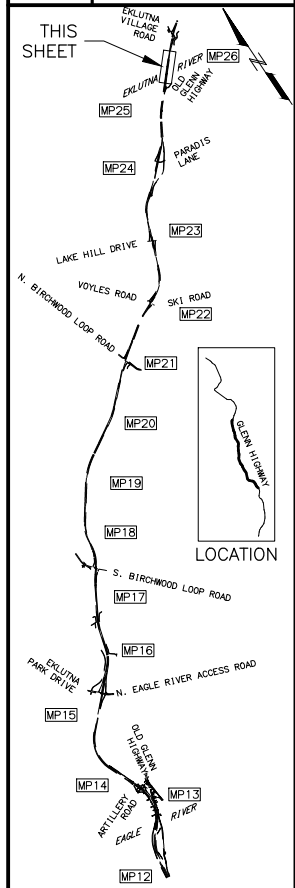
GLENN HWY: AIRPORT HEIGHTS
TO PARKS HWY REHABILITATION

PLAN
 STA. 1211+00 TO
 STA. 1264+00

Z:\PROJECTS\009777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C SHEETS\00945_F1-F50_P&P.DWG
 DRAWING LOCATION
 DESIGNED BY: _____
 CHECKED BY: _____
 DRAFTED BY: _____
 SCALE: 1" = 40'
 DATE: 8/29/2024 4:05 PM
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SHEET NO.	TOTAL SHEETS
F40	F84
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



PIH
 8/29/2024

PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

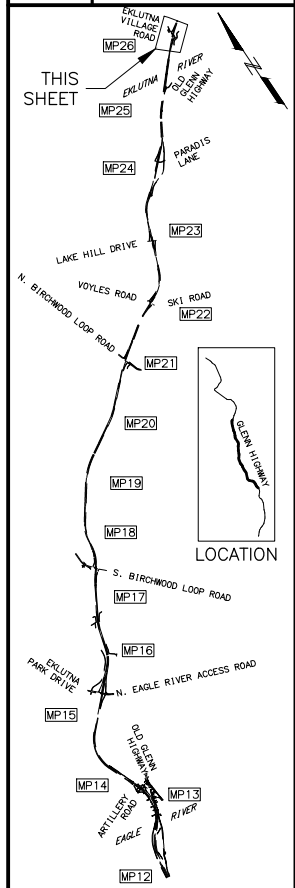
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

PRELIMINARY

PLAN
 STA. 1264+00 TO
 STA. 1291+00

DESIGNED BY: _____ CHECKED BY: _____ DRAFTED BY: _____
 SCALE: 1" = 40'
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SHEET NO.	TOTAL SHEETS
F41	F84
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



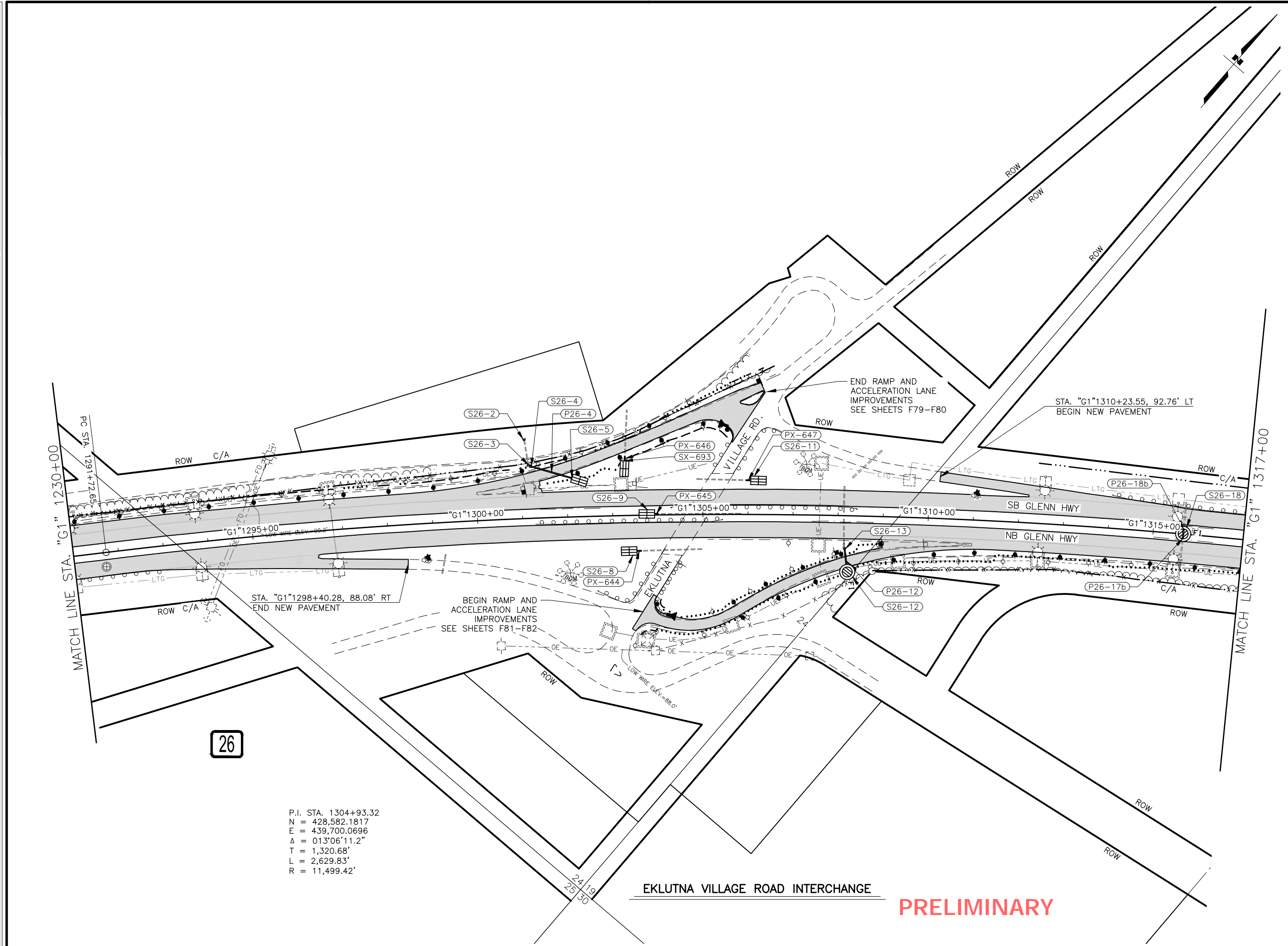
PIH

8/29/2024

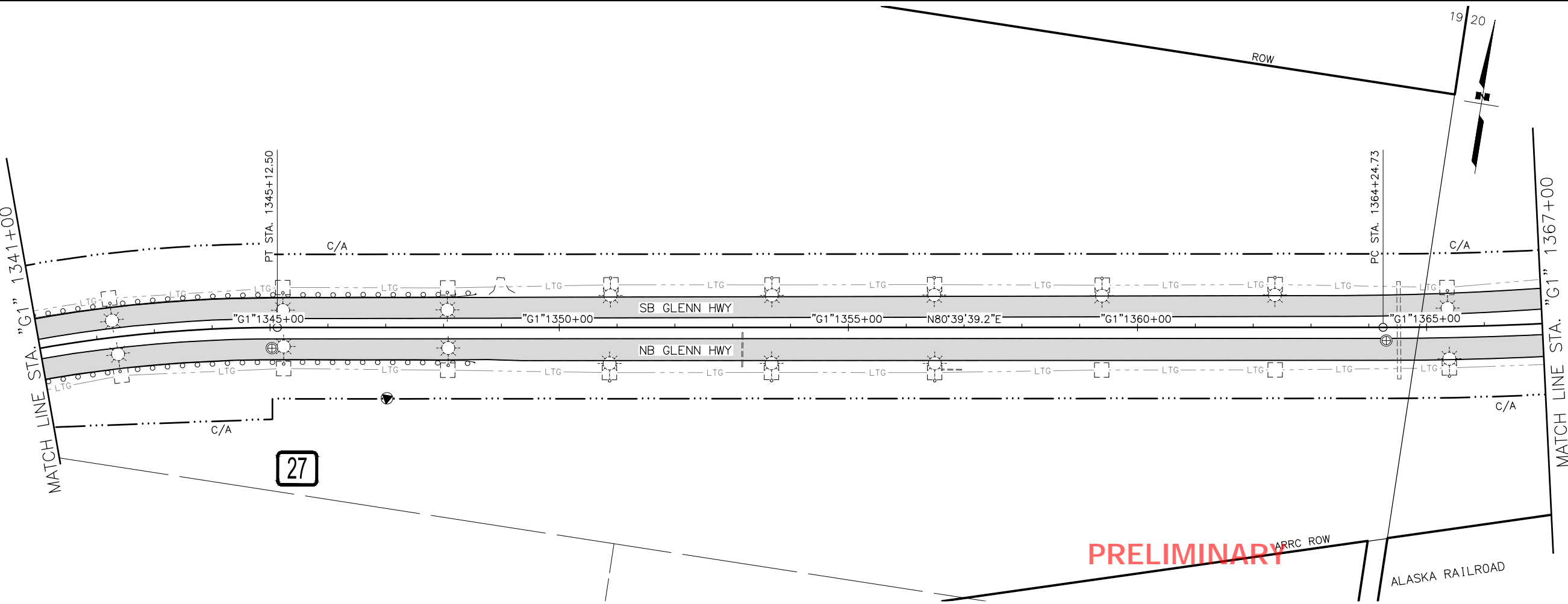
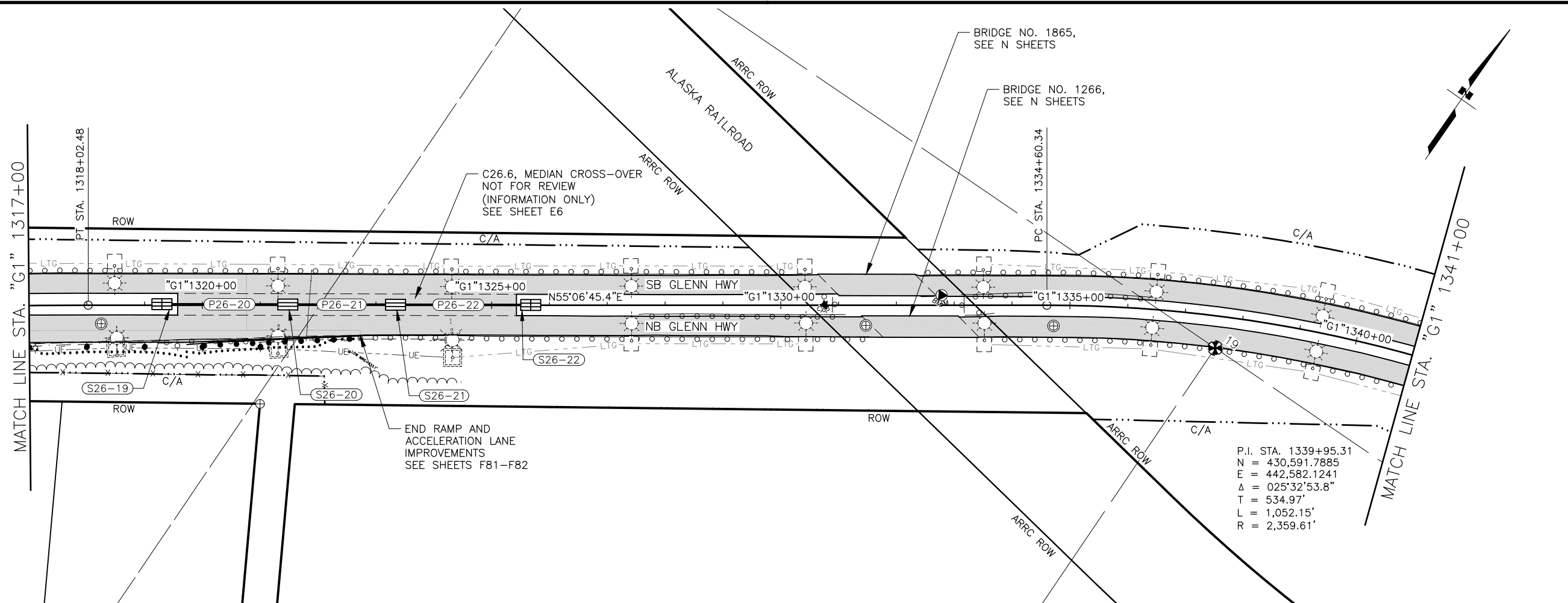
PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

PLAN
 STA. 1291+00 TO
 STA. 1317+00

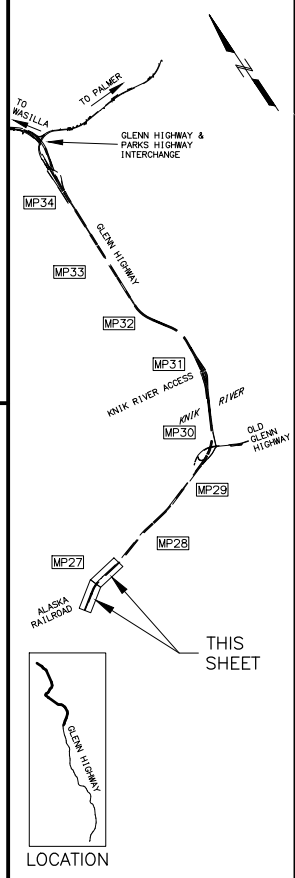


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 DATE: 8/29/2024 4:06 PM
 SCALE: X" = XX'
 DESIGNED BY: []
 CHECKED BY: []
 DRAFTED BY: []



PRELIMINARY

SHEET NO.	TOTAL SHEETS
F42	F84
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



PIH
 8/29/2024

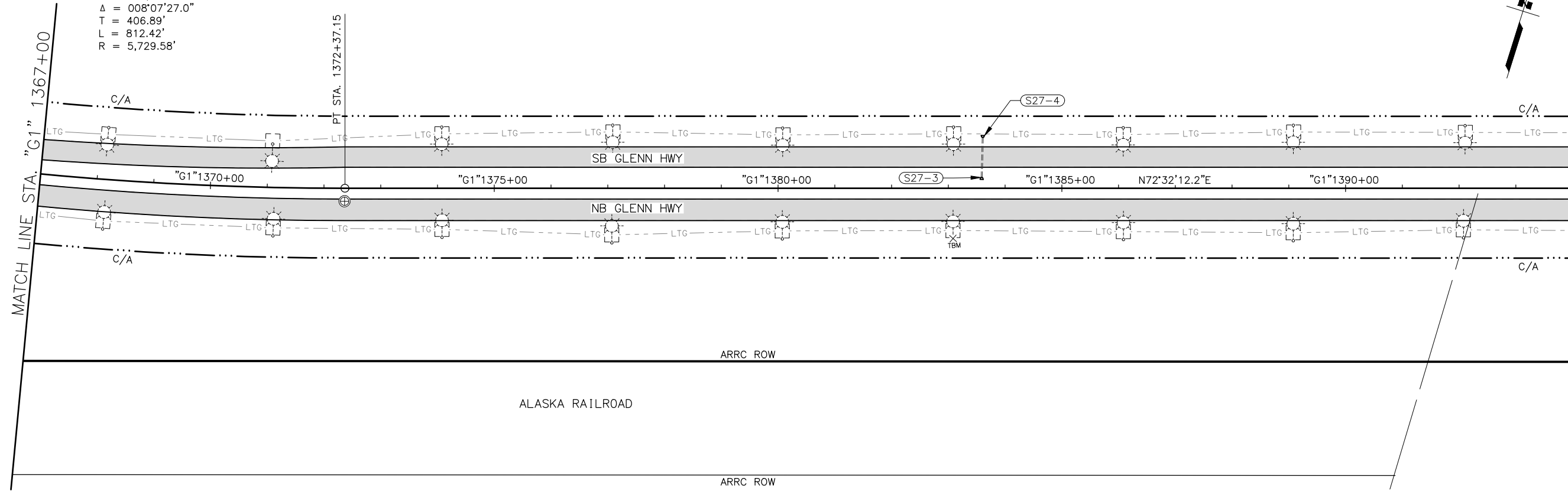
PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

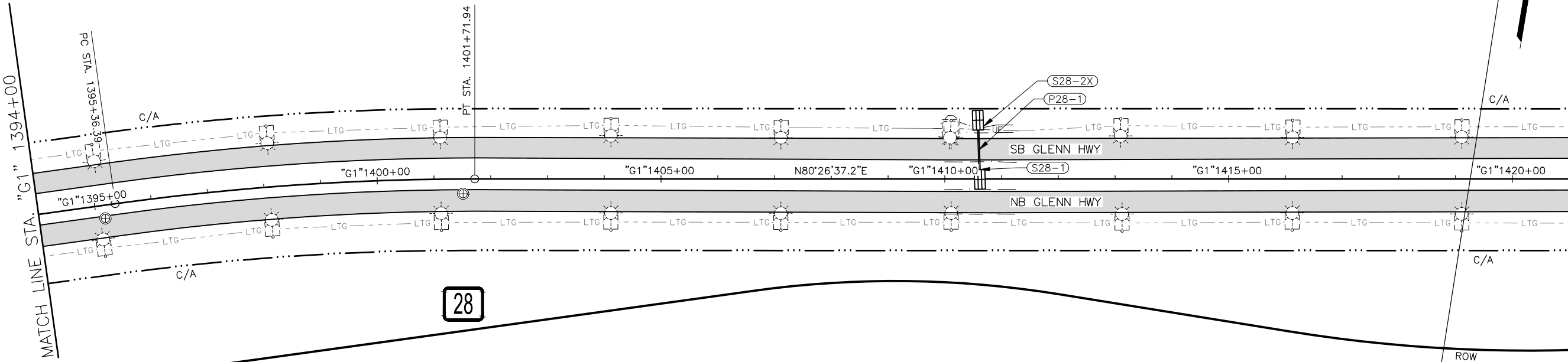
PLAN
 STA. 1317+00 TO
 STA. 1367+00

Z:\PROJECTS\009777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C SHEETS\00945_F1-F50_P&P.DWG
 DRAWING LOCATION
 DATE 8/29/2024 4:07 PM
 TIME
 SCALE
 X" = XX'
 DESIGNED BY
 CHECKED BY
 DRAFTED BY

P.I. STA. 1368+31.62
 N = 431,054.9444
 E = 445,398.3894
 $\Delta = 008^{\circ}07'27.0''$
 T = 406.89'
 L = 812.42'
 R = 5,729.58'



P.I. STA. 1398+54.67
 N = 431,962.5551
 E = 448,283.4076
 $\Delta = 007^{\circ}54'25.0''$
 T = 318.28'
 L = 635.55'
 R = 4,605.38'

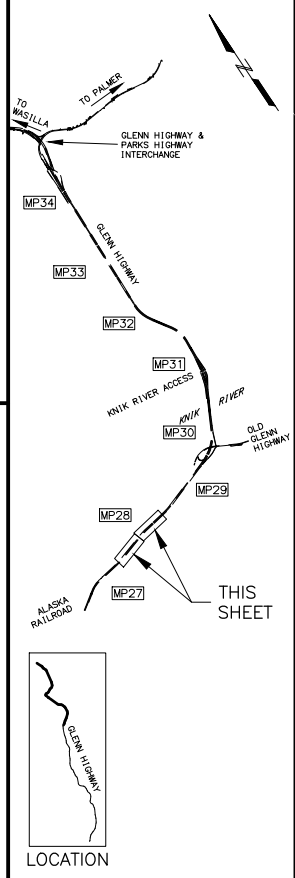



PRELIMINARY

SHEET NO.	TOTAL SHEETS
F43	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION



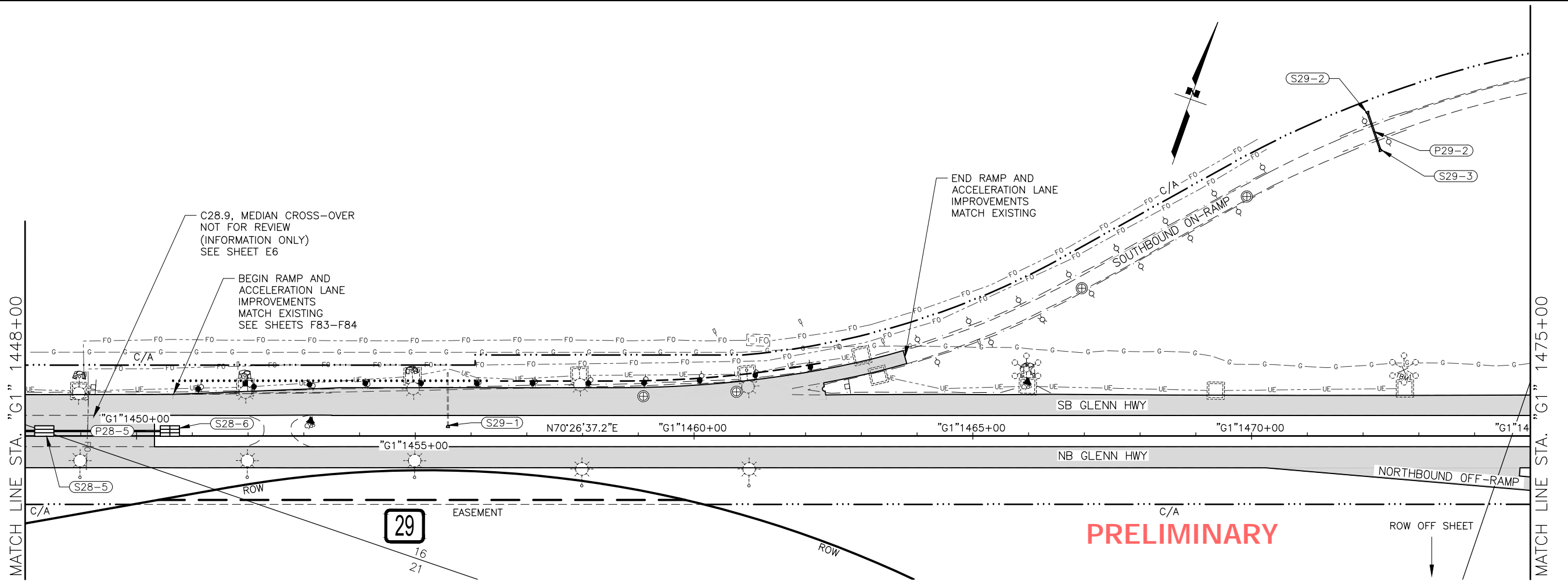
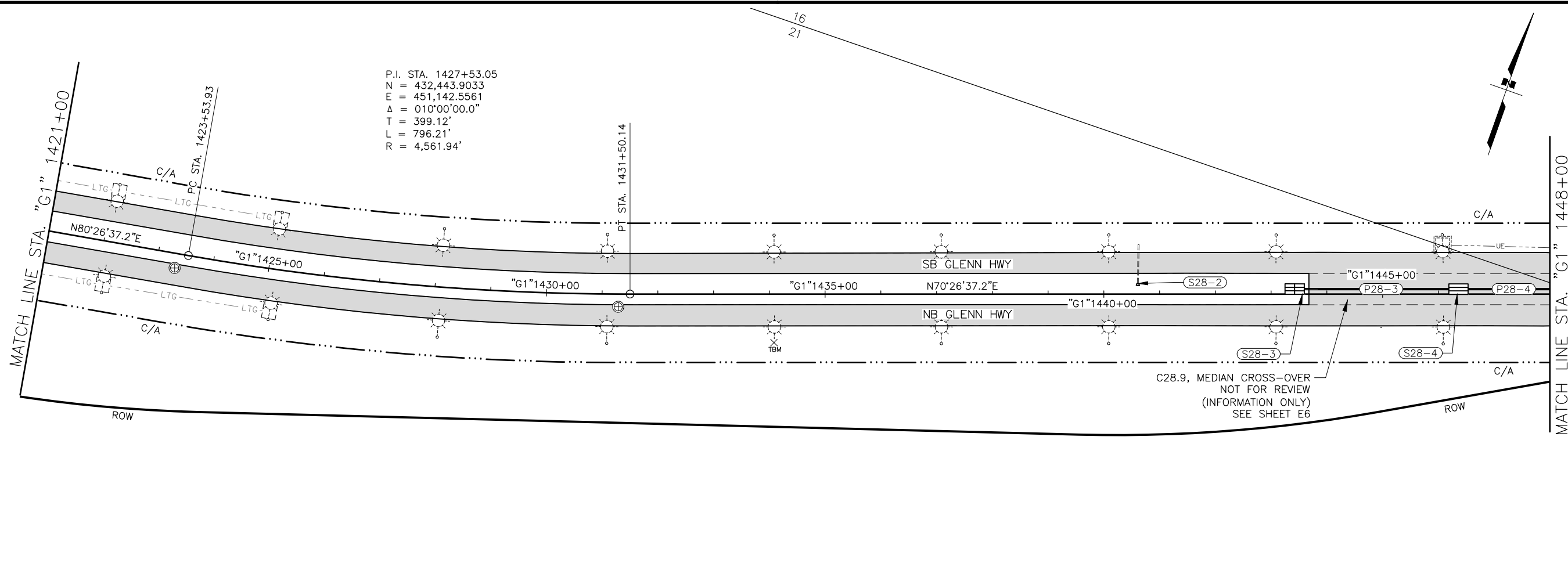
LOCATION

8/29/2024

PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

PLAN
**STA. 1367+00 TO
 STA. 1421+00**

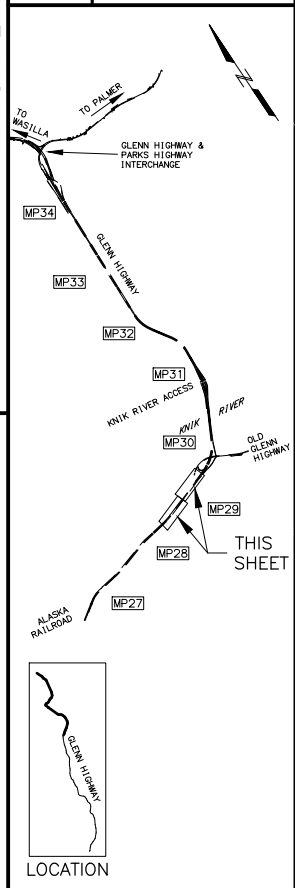
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SHEET NO.	TOTAL SHEETS
F44	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION



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 8/29/2024

PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
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 (907) 346-2373
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STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

PLAN
 STA. 1421+00 TO
 STA. 1475+00

DESIGNED BY: _____
 CHECKED BY: _____
 DRAFTED BY: _____

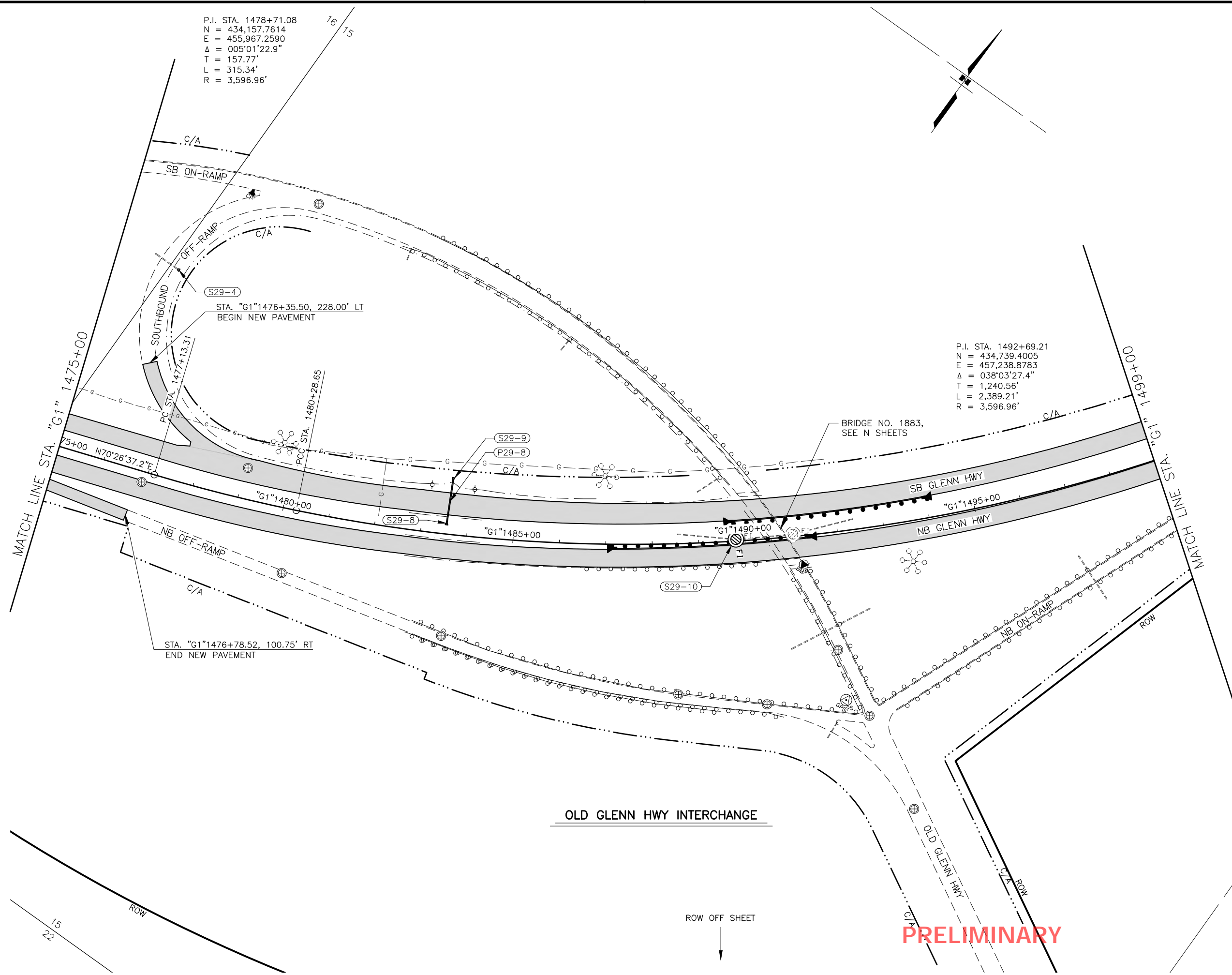
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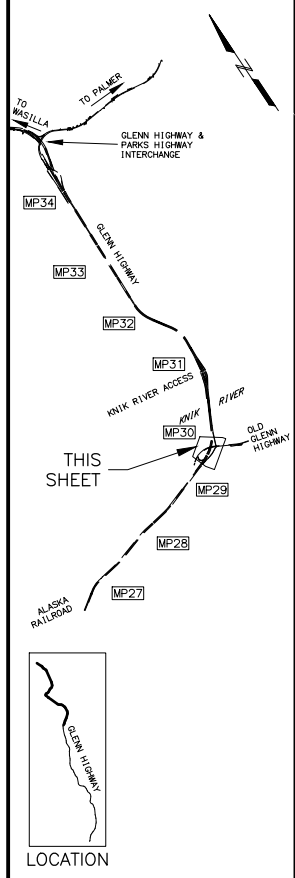
DRAWING LOCATION: Z:\PROJECTS\009777 GLENN HWY AIRPORT HTS TO PARKS HWY DWGS\C\ SHEETS\00945_F1-F50_P&P.DWG

P.I. STA. 1478+71.08
 N = 434,157.7614
 E = 455,967.2590
 $\Delta = 005^{\circ}01'22.9"$
 T = 157.77'
 L = 315.34'
 R = 3,596.96'

P.I. STA. 1492+69.21
 N = 434,739.4005
 E = 457,238.8783
 $\Delta = 038^{\circ}03'27.4"$
 T = 1,240.56'
 L = 2,389.21'
 R = 3,596.96'



SHEET NO.	TOTAL SHEETS
F45	F84
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



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8/29/2024

PLANS DEVELOPED BY:
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 (907) 346-2373
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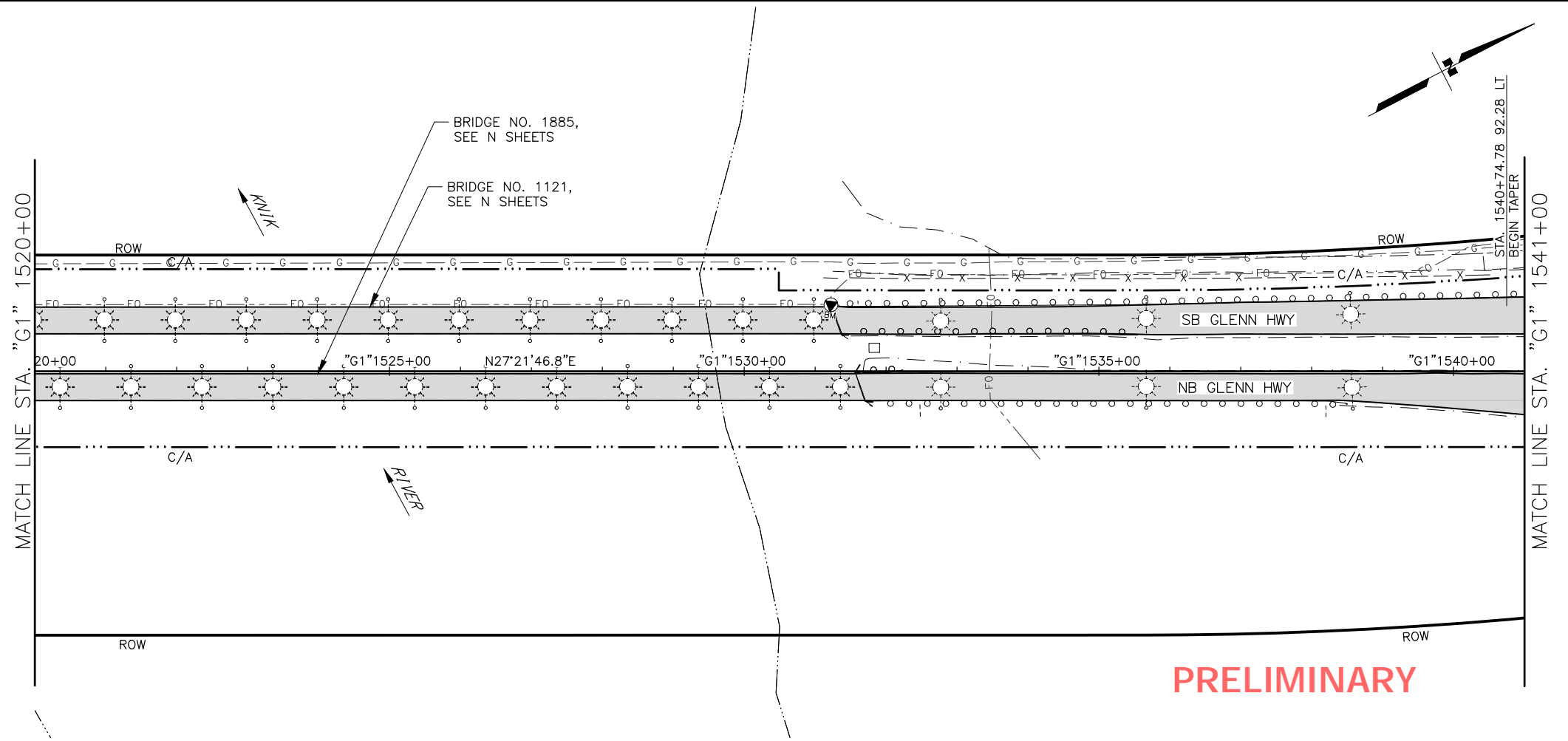
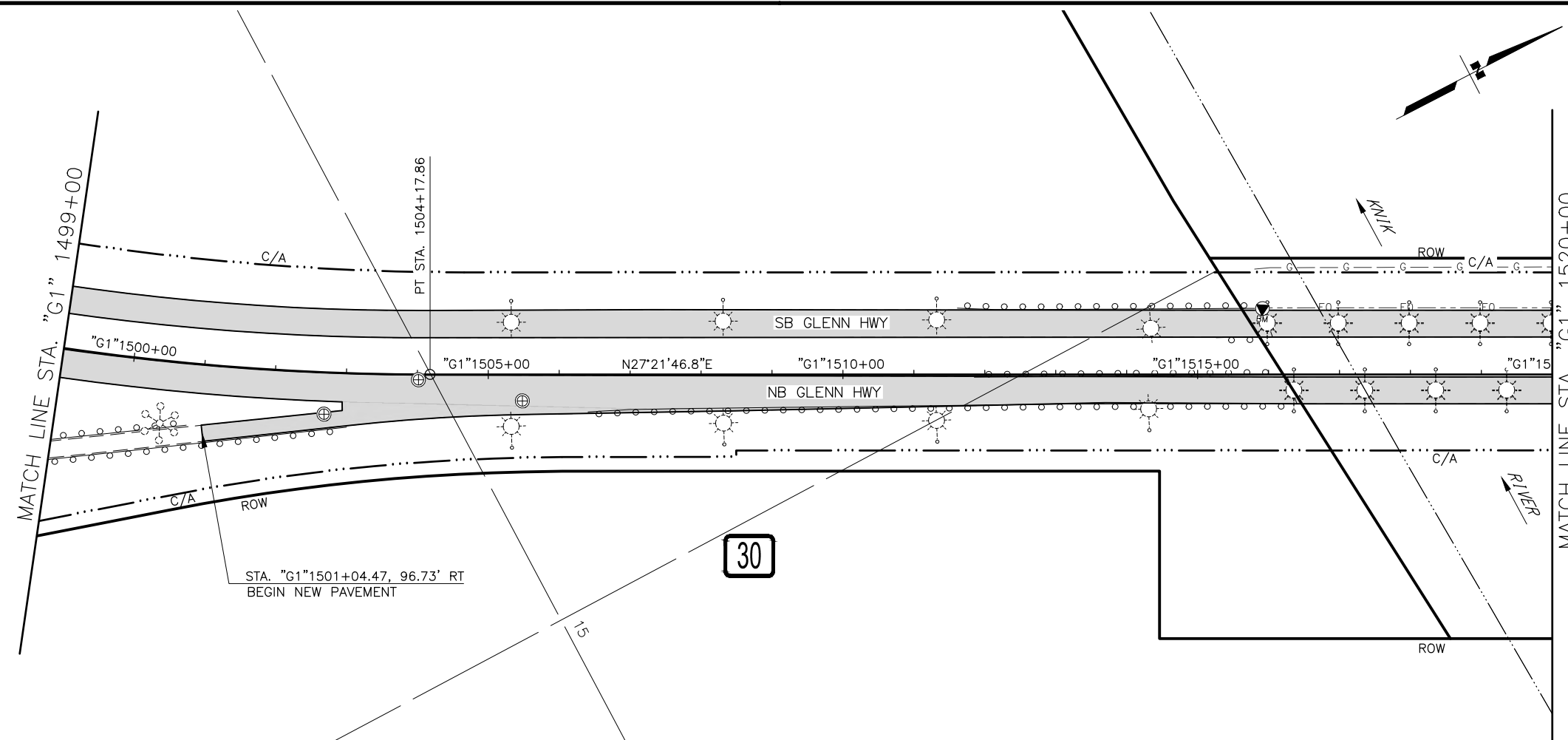
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES

GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

PLAN
 STA. 1475+00 TO
 STA. 1499+00

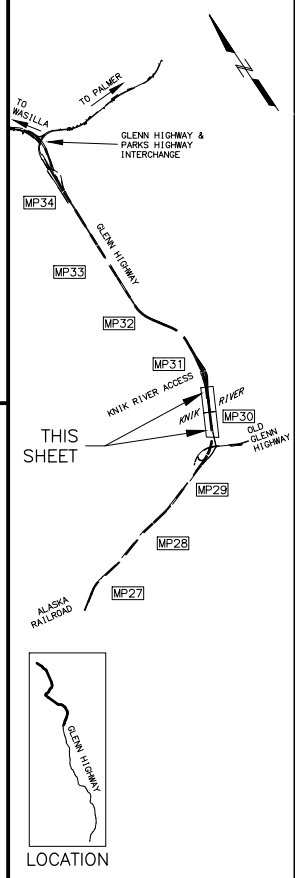
PRELIMINARY

DRAWING LOCATION: Z:\PROJECTS\009777_GLENN_HWY_AIRPORT_HTS_TO_PARKS\DWGS\C\SHEETS\00945_F1-F50_P&P.DWG
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 DESIGNED BY: [blank]
 CHECKED BY: [blank]
 DRAFTED BY: [blank]



PRELIMINARY

SHEET NO. F46	TOTAL SHEETS F84
STATE ALASKA	YEAR 2024
PROJECT DESIGNATION 0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



PIH

8/29/2024

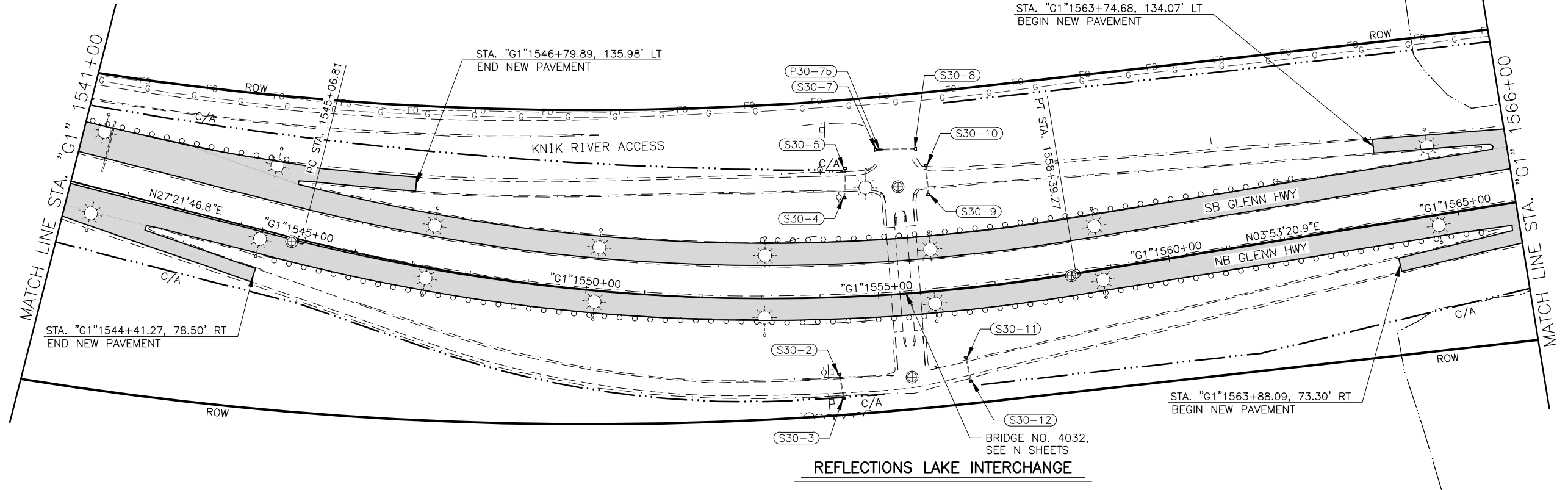
PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

PLAN
STA. 1499+00 TO
STA. 1541+00

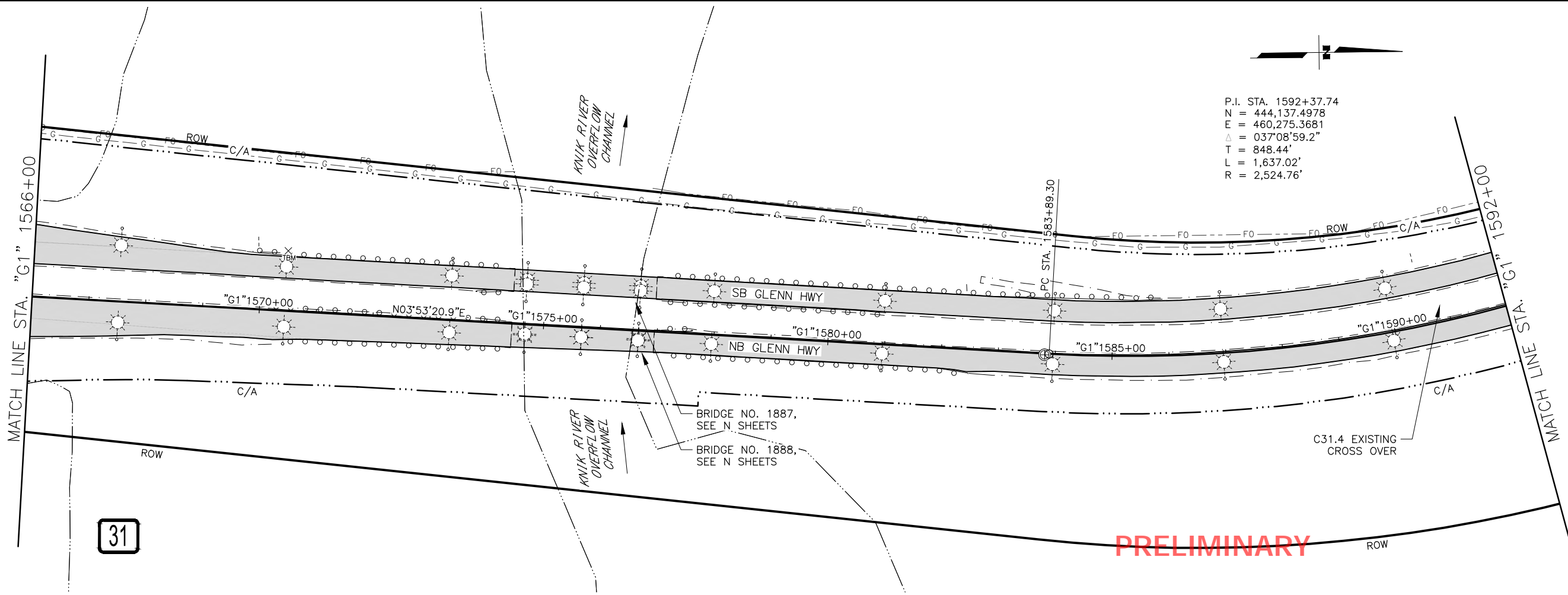
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 DATE: 8/29/2024 5:42 PM
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 DESIGNED BY: [blank]
 CHECKED BY: [blank]
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P.I. STA. 1551+82.52
 N = 440,072.7024
 E = 459,999.0327
 $\Delta = 023^{\circ}28'26.0"$
 T = 675.71'
 L = 1,332.47'
 R = 3,252.33'



REFLECTIONS LAKE INTERCHANGE

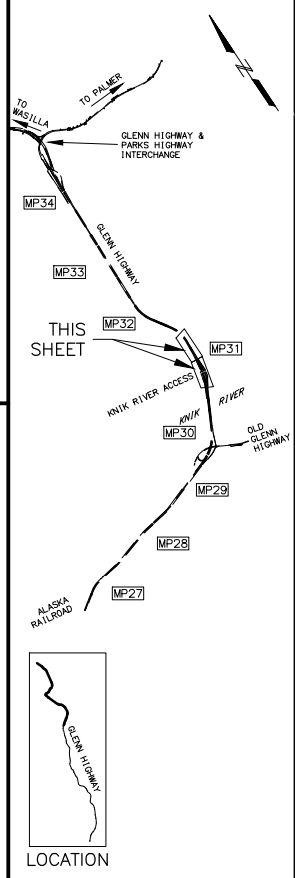
P.I. STA. 1592+37.74
 N = 444,137.4978
 E = 460,275.3681
 $\Delta = 037^{\circ}08'59.2"$
 T = 848.44'
 L = 1,637.02'
 R = 2,524.76'



31

PRELIMINARY

SHEET NO.	TOTAL SHEETS
F47	F84
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



PIH
 8/29/2024

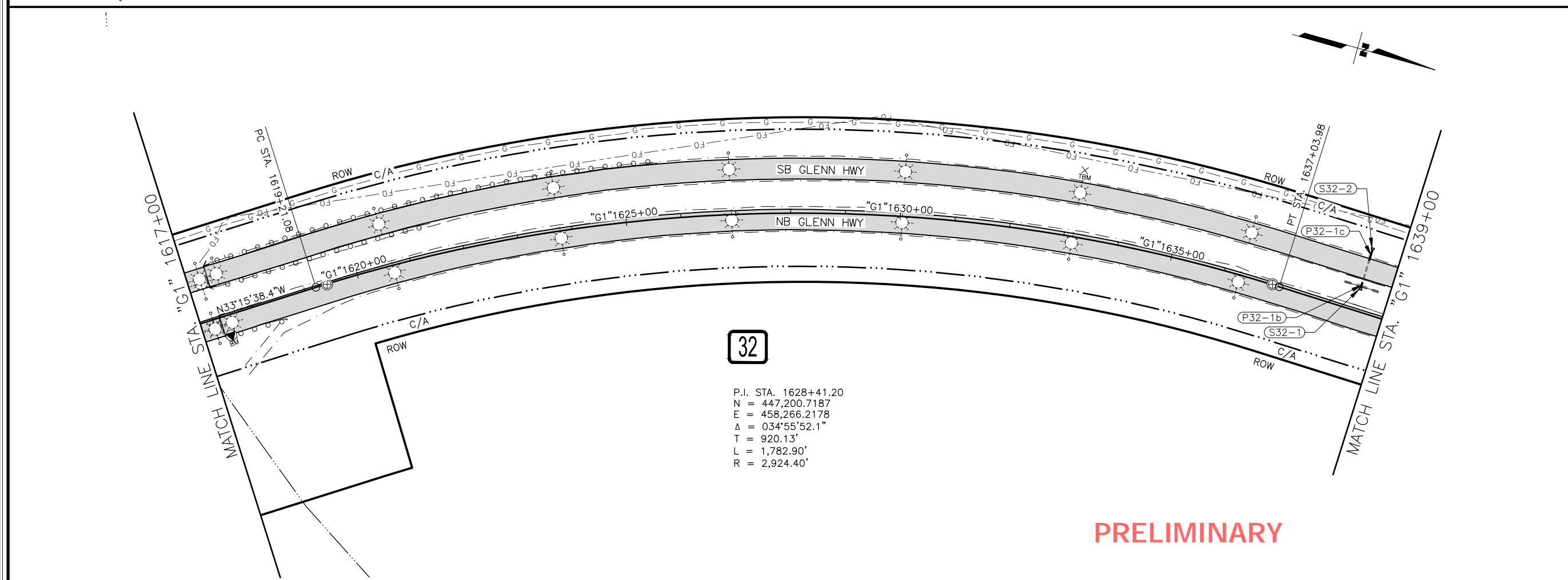
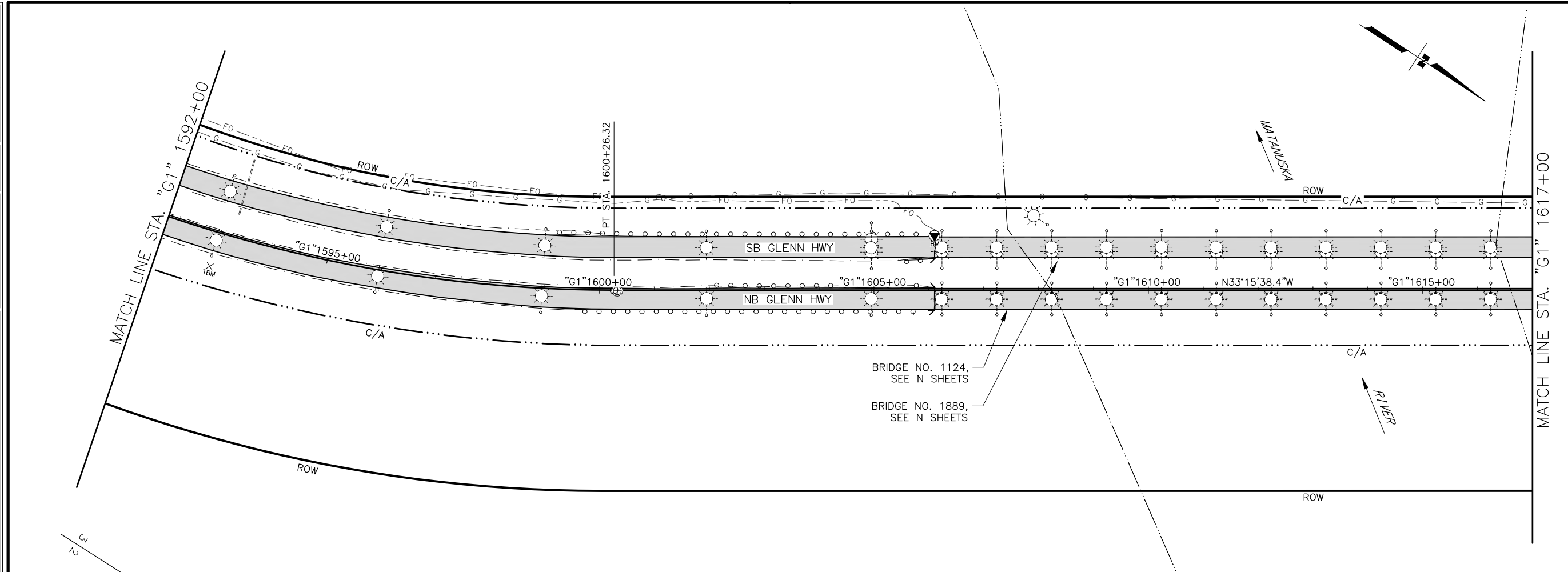
PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

PLAN
 STA. 1541+00 TO
 STA. 1592+00

DESIGNED BY: [] CHECKED BY: [] DRAFTED BY: []
 SCALE: "X" = XX'
 DATE: 8/29/2024 4:10 PM
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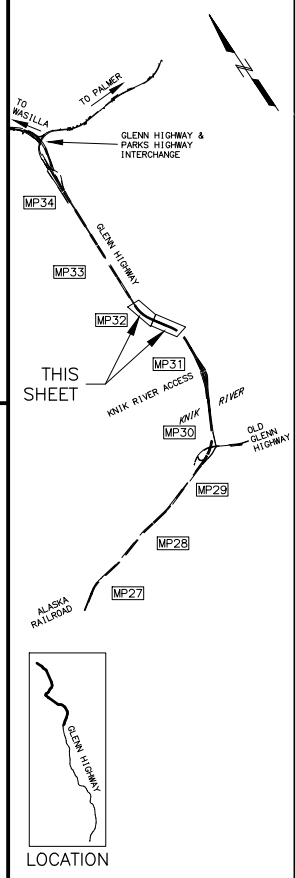
SHEET NO.	TOTAL SHEETS
F48	F84
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



32

P.I. STA. 1628+41.20
 N = 447,200.7187
 E = 458,266.2178
 Δ = 034°55'52.1"
 T = 920.13'
 L = 1,782.90'
 R = 2,924.40'

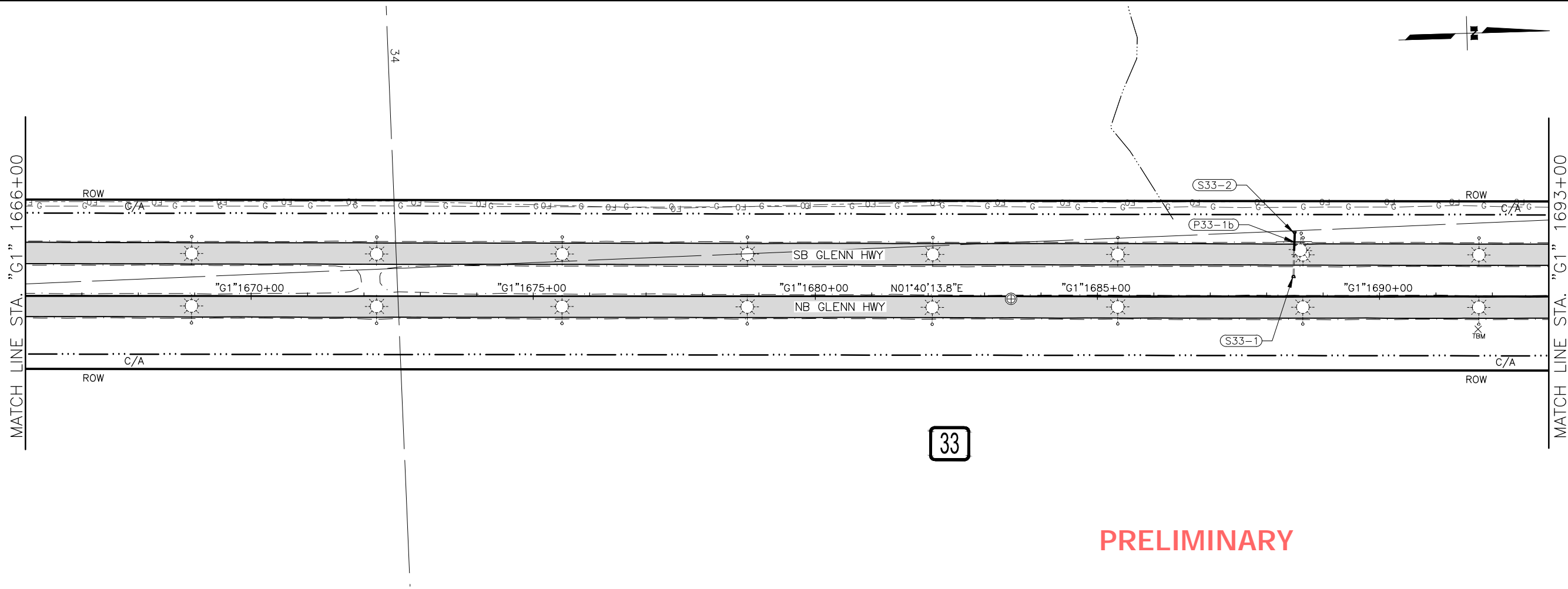
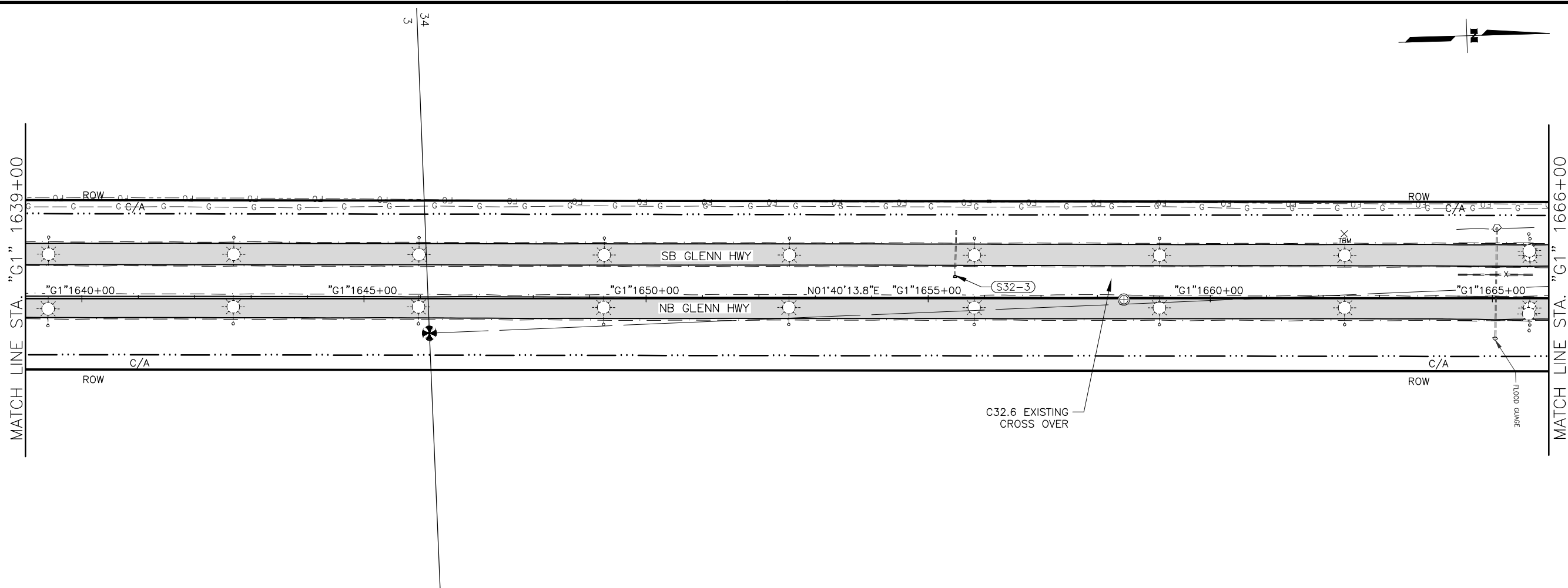
PRELIMINARY



PIH
 8/29/2024
 PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**
PLAN
 STA. 1592+00 TO
 STA. 1639+00

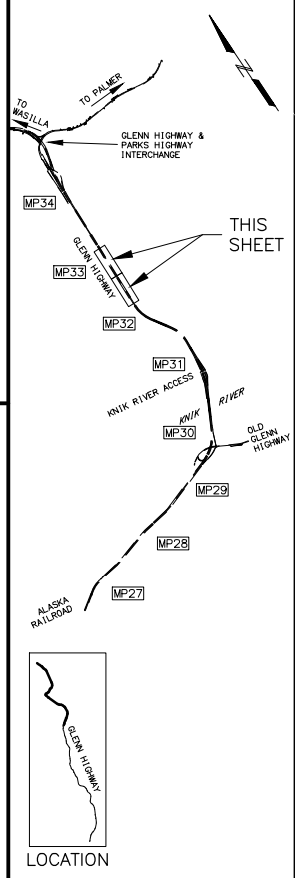
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 DATE 8/29/2024 5:39 PM
 TIME
 SCALE 1" = 40'
 DESIGNED BY
 CHECKED BY
 DRAFTED BY



33

PRELIMINARY

SHEET NO.	TOTAL SHEETS
F49	F84
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

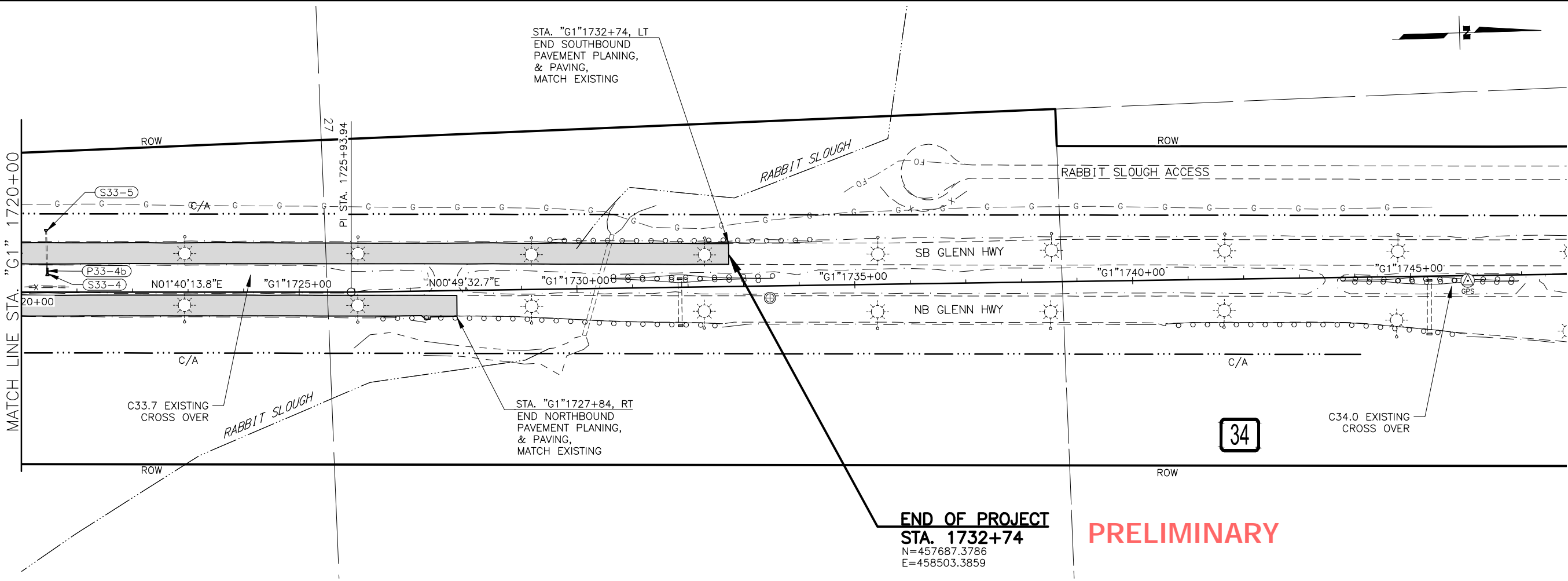
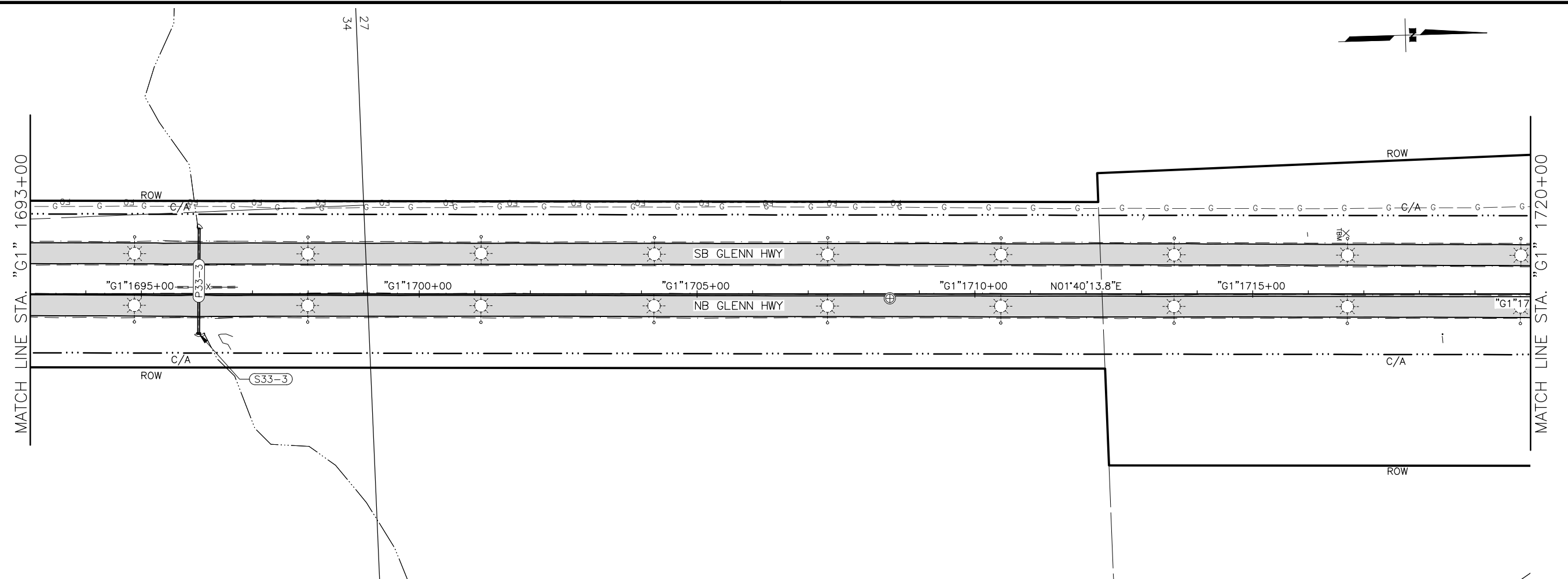


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8/29/2024

PLANS DEVELOPED BY:
KINNEY ENGINEERING, LLC
3909 Arctic Blvd, Suite 400
ANCHORAGE, AK 99503
(907) 346-2373
CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
GLENN HWY: AIRPORT HEIGHTS
TO PARKS HWY REHABILITATION
PLAN
STA. 1639+00 TO
STA. 1693+00

DRAWING LOCATION: Z:\PROJECTS\009777_GLENN_HWY_AIRPORT_HTS_TO_PARKS\DWGS\C\PROJECTS\009777_GLENN_HWY_AIRPORT_HTS_TO_PARKS\DWGS\C\SHEETS\00945_F1-F50_P&P.DWG
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 DRAFTED BY: [blank]



END OF PROJECT
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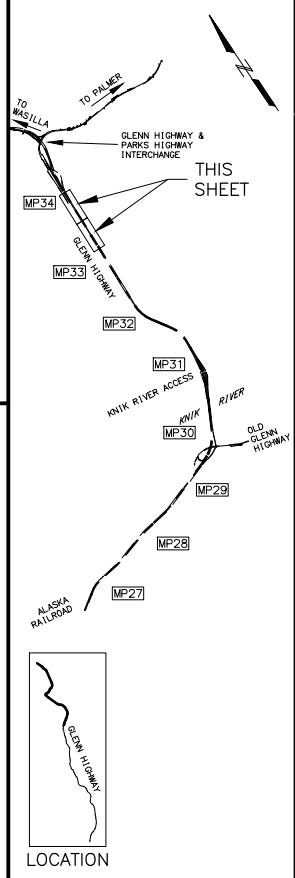
PRELIMINARY

34

SHEET NO.	TOTAL SHEETS
F50	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION



PIH

8/29/2024

PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
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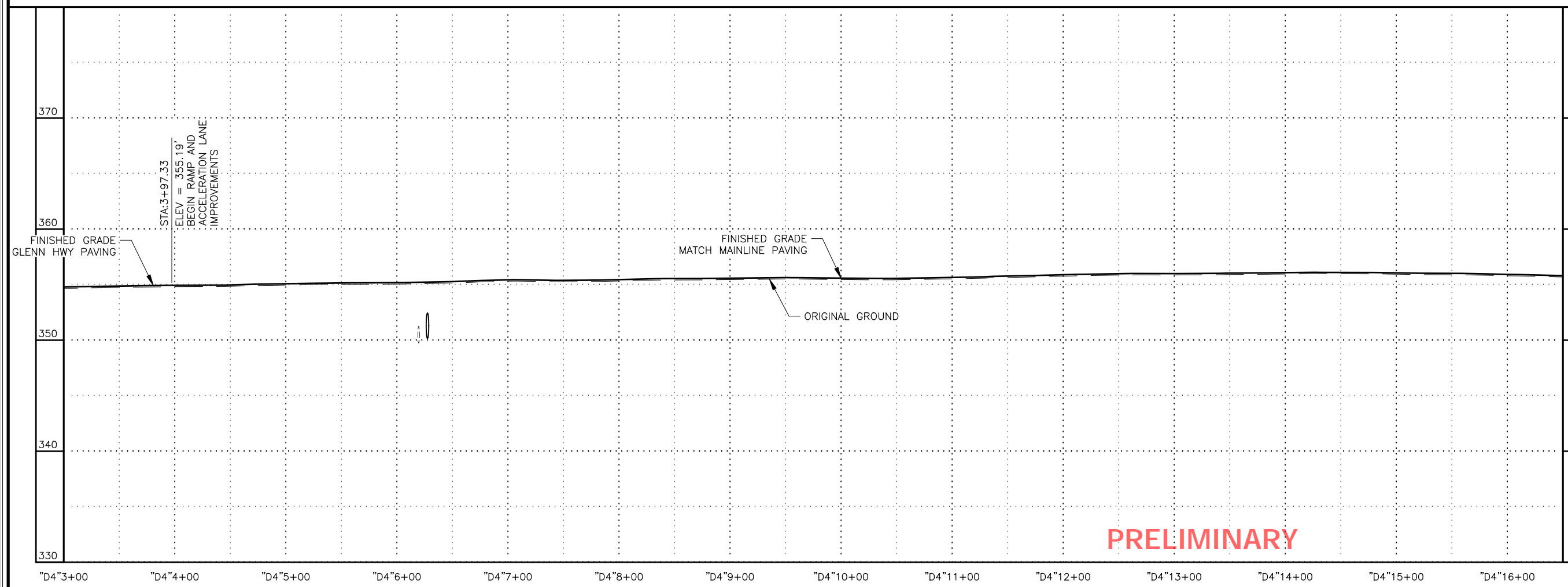
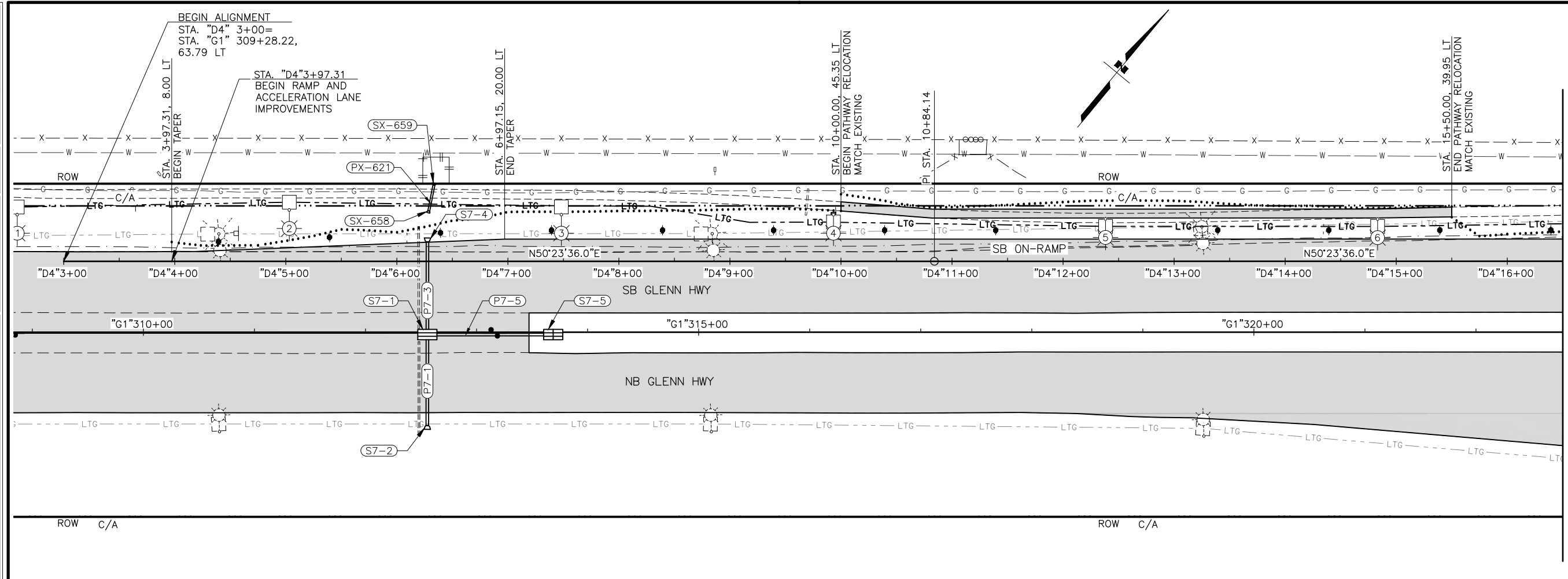
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

PLAN
**STA. 1693+00
 TO EOP**

DESIGNED BY: []
 CHECKED BY: []
 DRAFTED BY: []

SCALE: X" = XX'
 DATE: 8/29/2024 6:51 PM

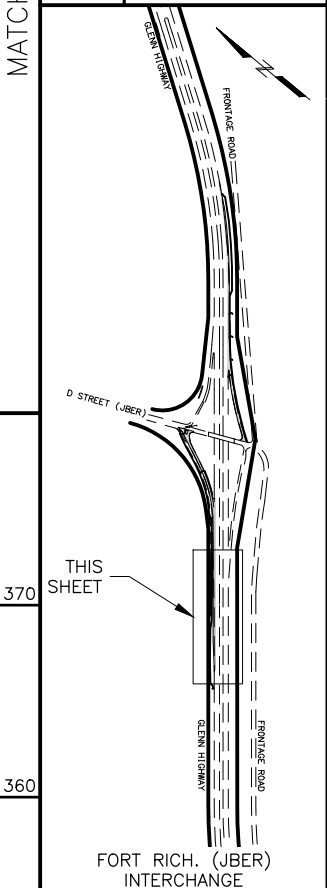
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SHEET NO.	TOTAL SHEETS
F51	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION



THIS SHEET

PIH
 8/29/2024

PLANS DEVELOPED BY:
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 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
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STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES

**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

**D STREET (JBER)
 SB ON-RAMP
 PLAN & PROFILE**

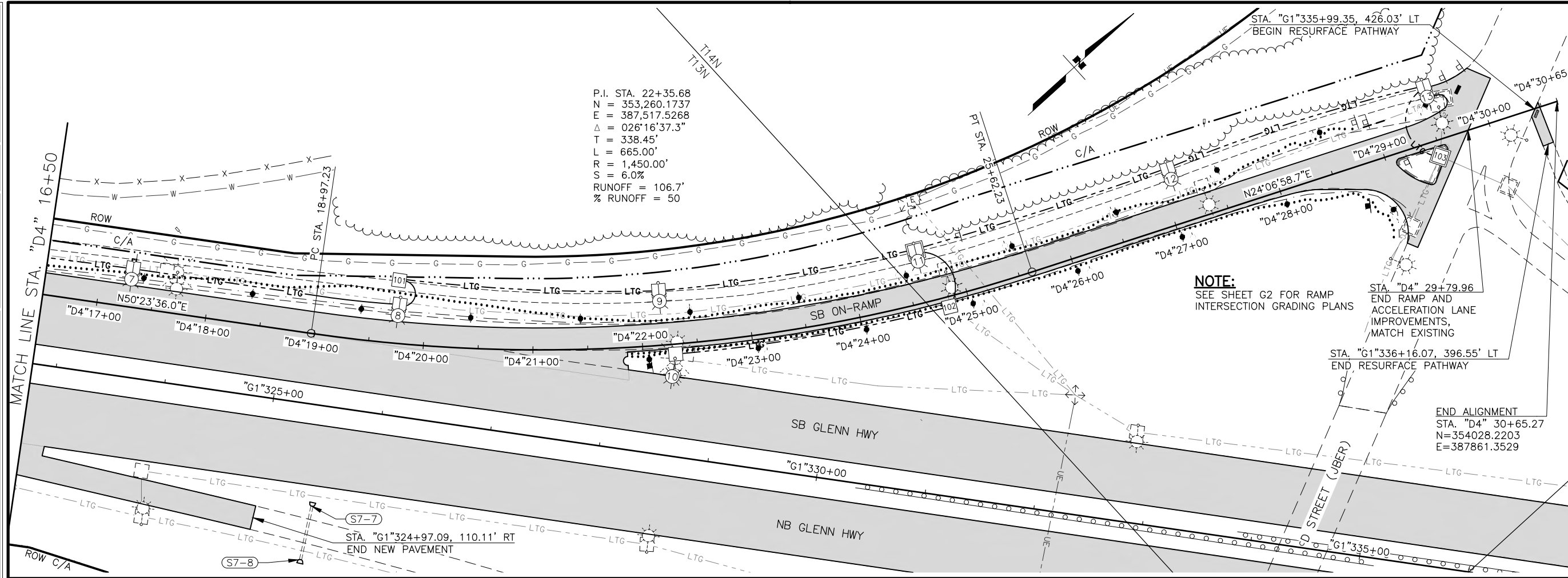
PRELIMINARY

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SHEET NO.	TOTAL SHEETS
F52	F84
STATE	YEAR
ALASKA	2024

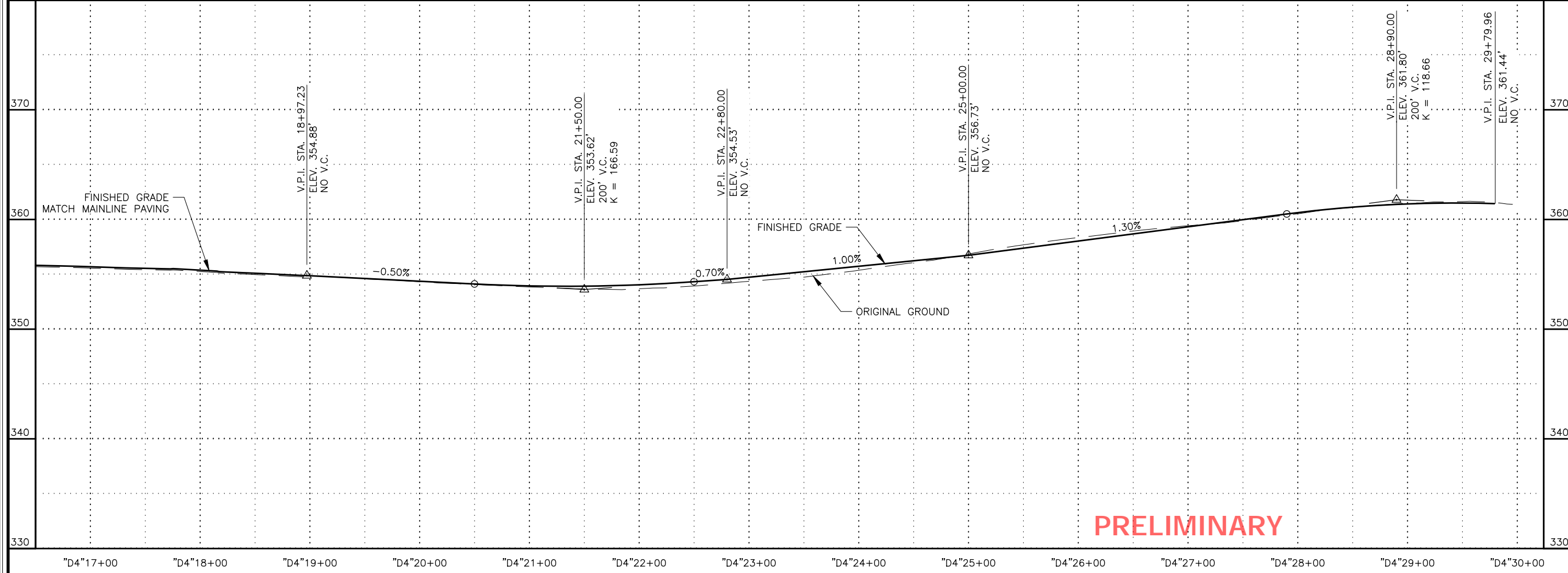
PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION

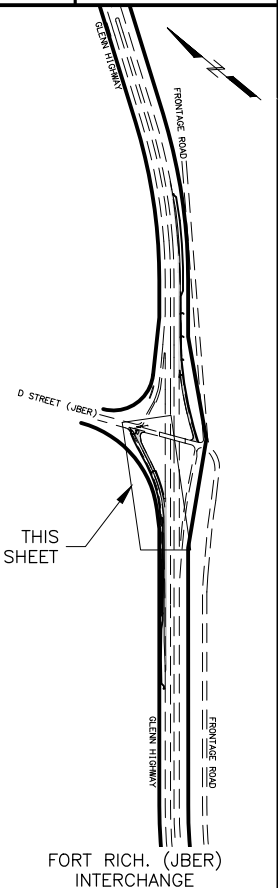


NOTE:
 SEE SHEET G2 FOR RAMP
 INTERSECTION GRADING PLANS
 STA. "D4" 29+79.96
 END RAMP AND
 ACCELERATION LANE
 IMPROVEMENTS,
 MATCH EXISTING

END ALIGNMENT
 STA. "D4" 30+65.27
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 E=387861.3529



PRELIMINARY



THIS SHEET

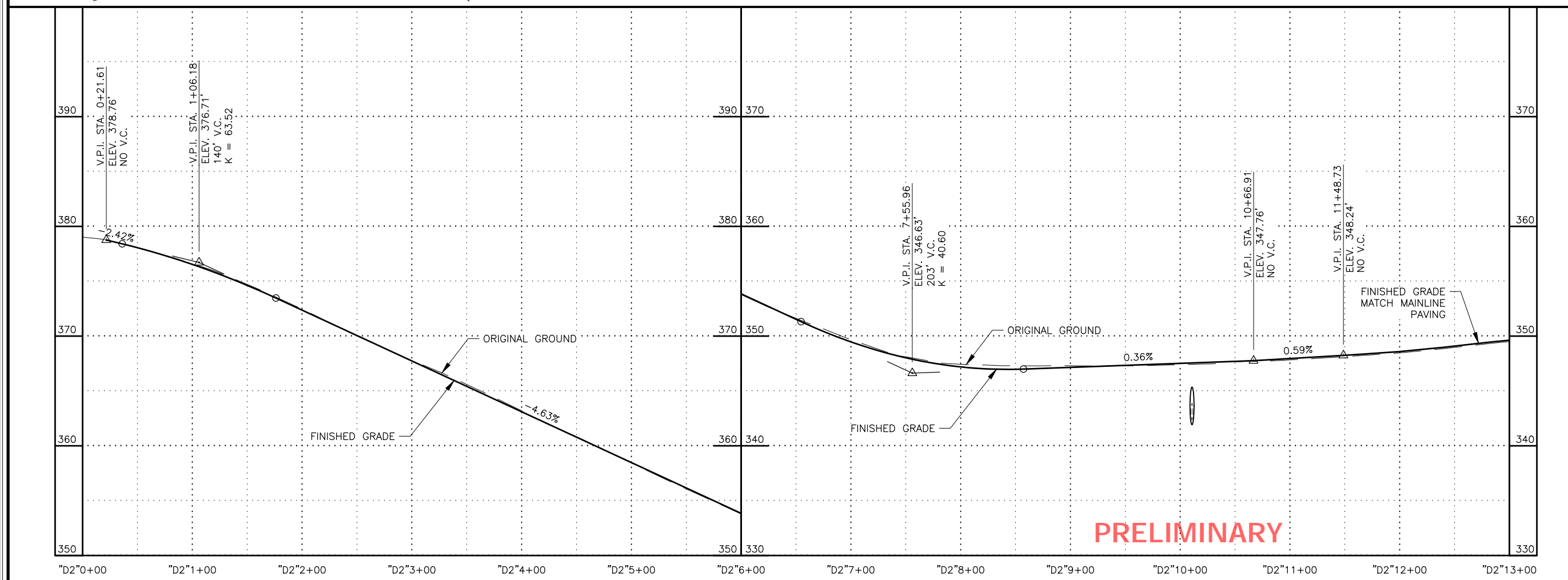
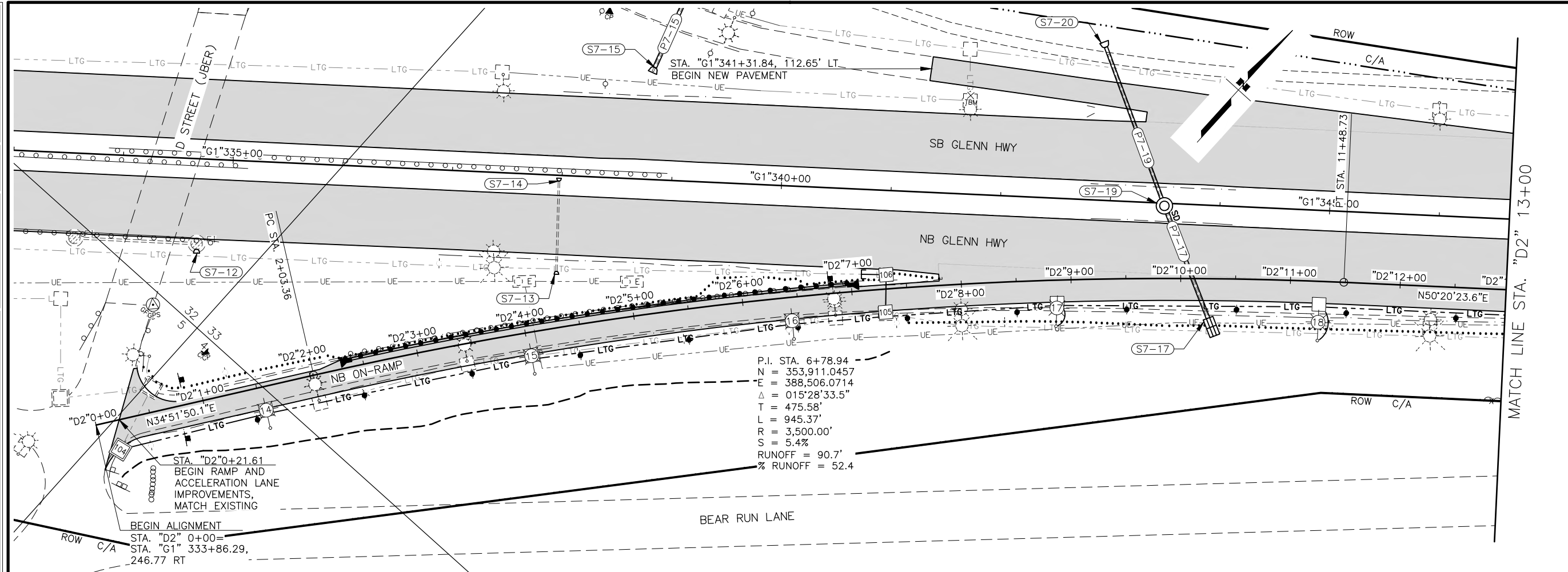
PIH
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PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
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STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

**D STREET (JBER)
 SB ON-RAMP
 PLAN & PROFILE**

DESIGNED BY: [] CHECKED BY: [] DRAFTED BY: []
 SCALE: 1" = 40'
 DATE: 8/29/2024 6:54 PM
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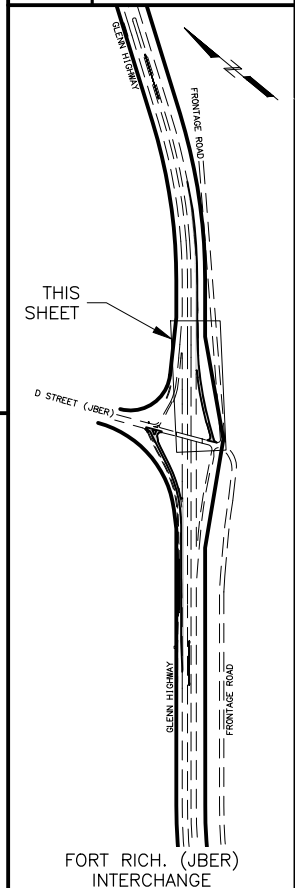


PRELIMINARY

SHEET NO.	TOTAL SHEETS
F53	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION



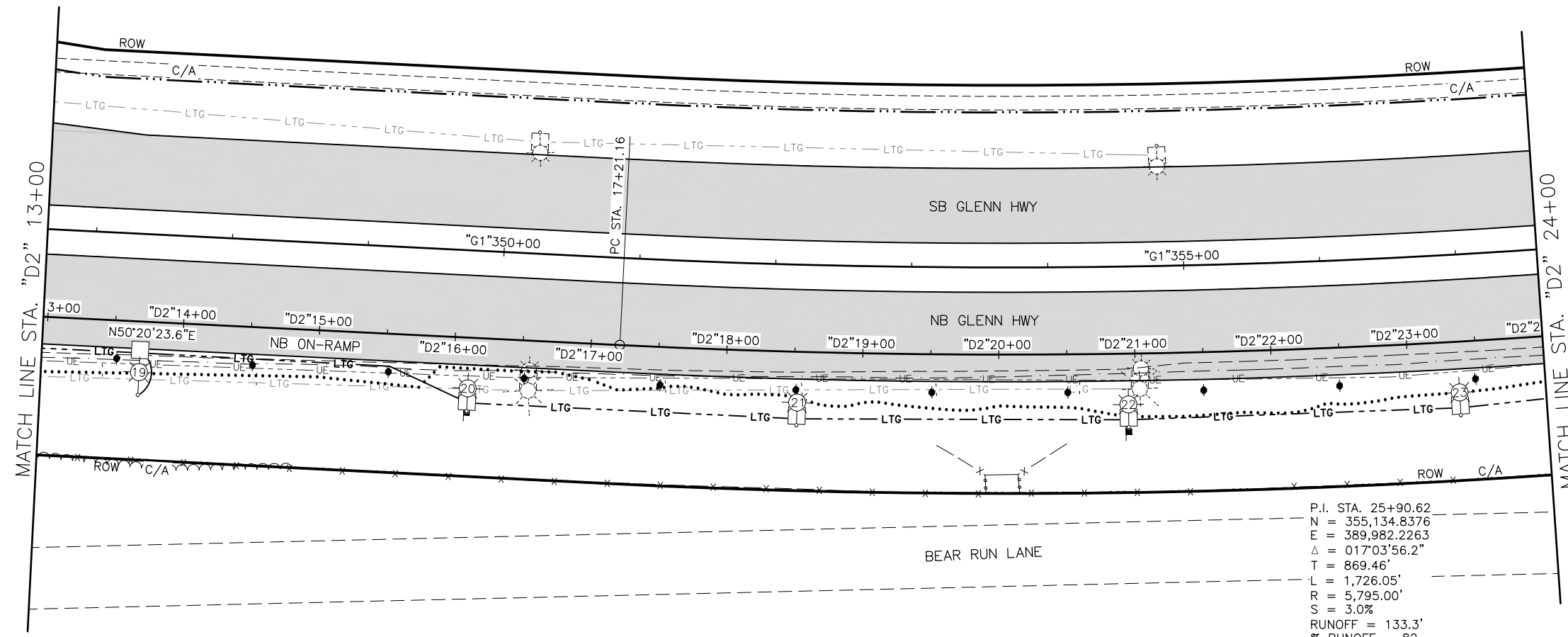
8/29/2024

PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

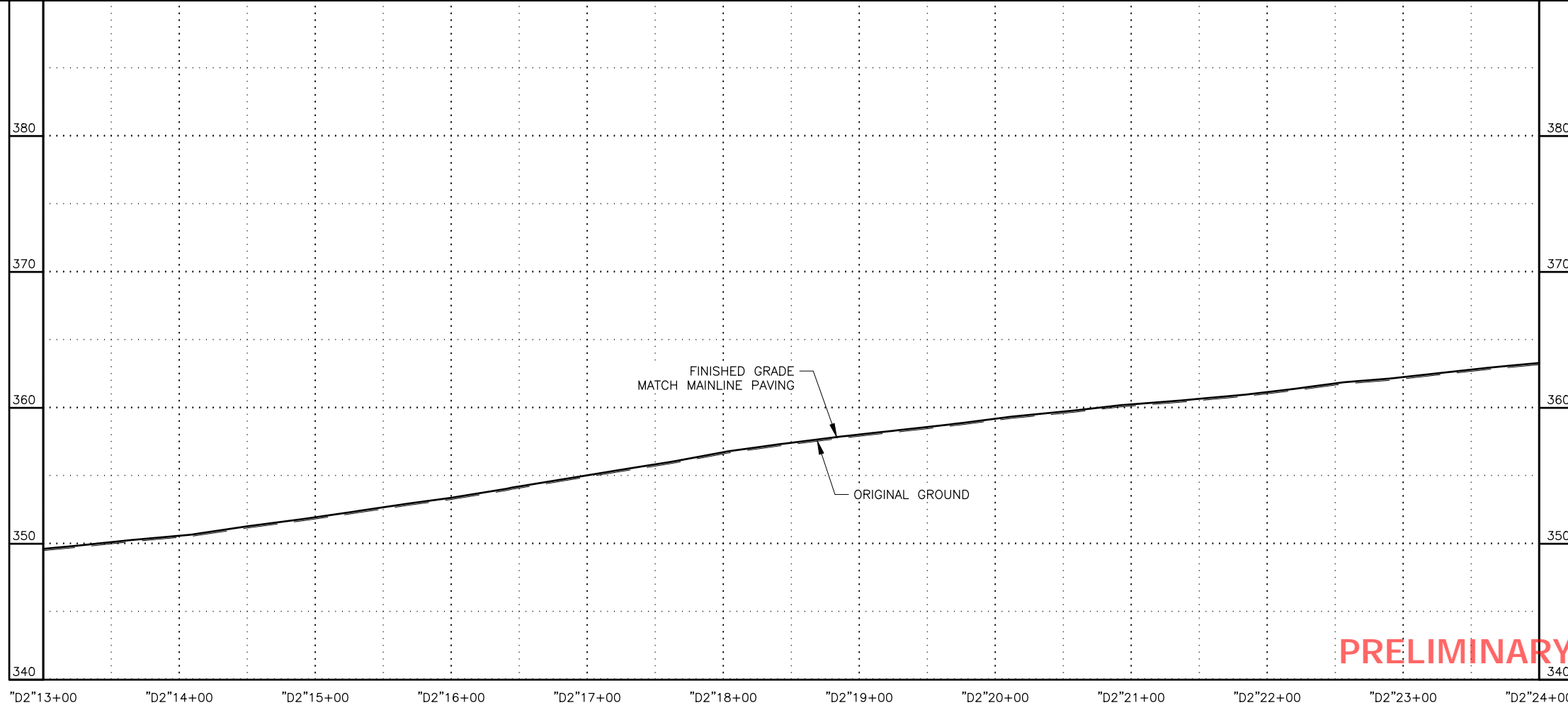
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

**D STREET (JBER)
 NB ON-RAMP
 PLAN & PROFILE**

DESIGNED BY: [] CHECKED BY: [] DRAFTED BY: []
 SCALE: X" = XX'
 DATE: 8/29/2024 6:55 PM
 TIME: []
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 E = 389,982.2263
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 % RUNOFF = 82

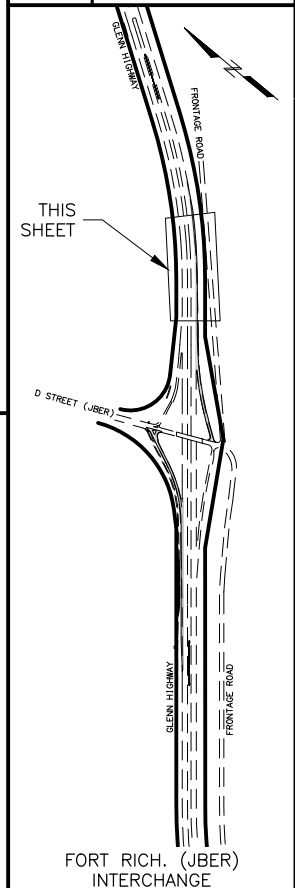


PRELIMINARY

SHEET NO.	TOTAL SHEETS
F54	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION



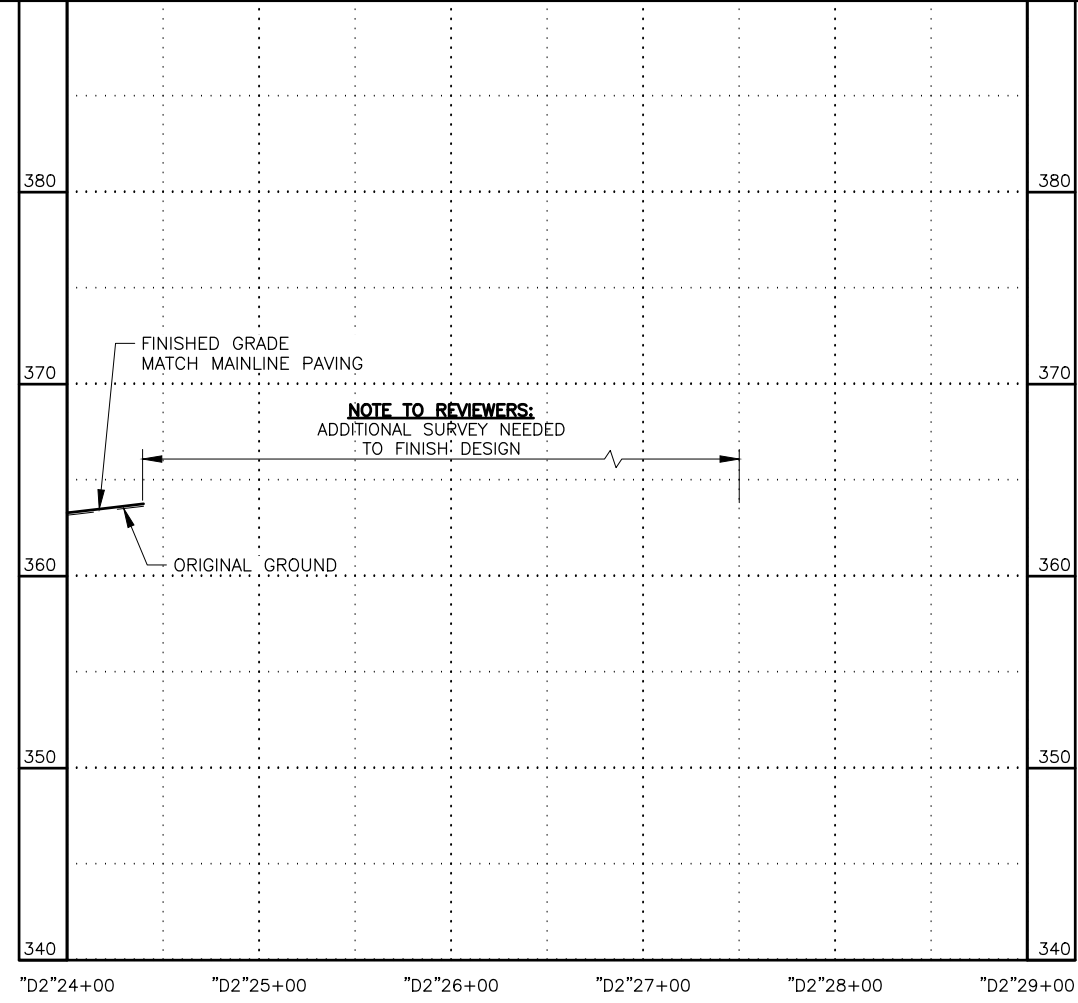
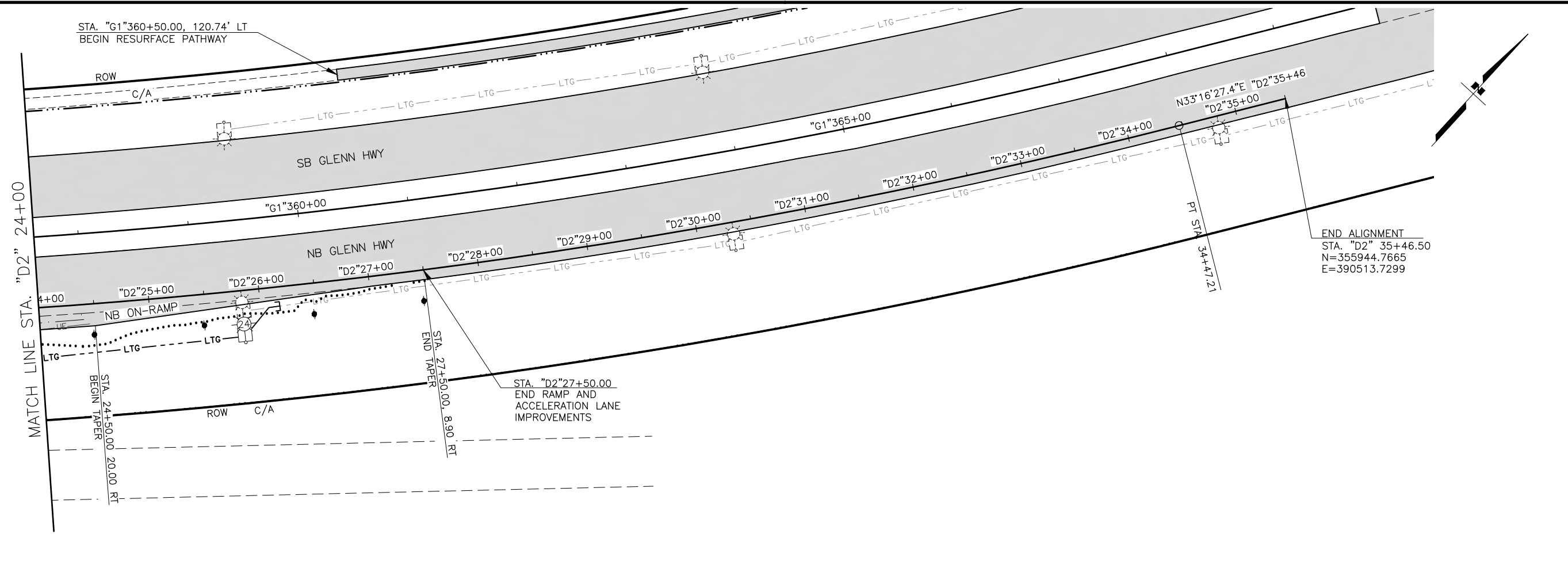
PIH
 8/29/2024

PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

**D STREET (JBER)
 NB ON-RAMP
 PLAN & PROFILE**

DESIGNED BY: []
 CHECKED BY: []
 DRAFTED BY: []
 SCALE: X" = XX'
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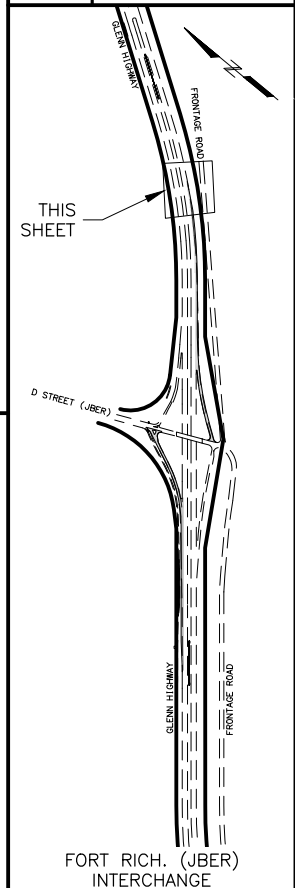


PRELIMINARY

SHEET NO.	TOTAL SHEETS
F55	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION



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STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

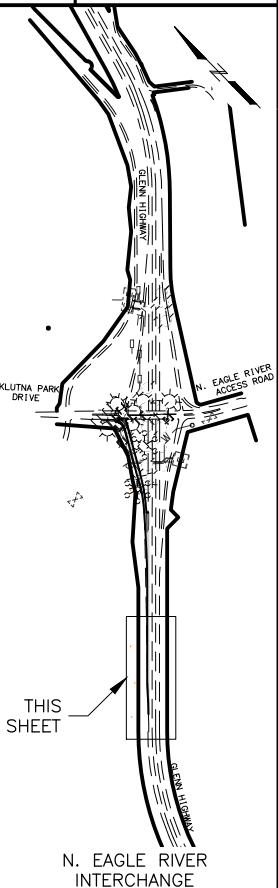
**D STREET (JBER)
 NB ON-RAMP
 PLAN & PROFILE**

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SHEET NO.	TOTAL SHEETS
F56	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION

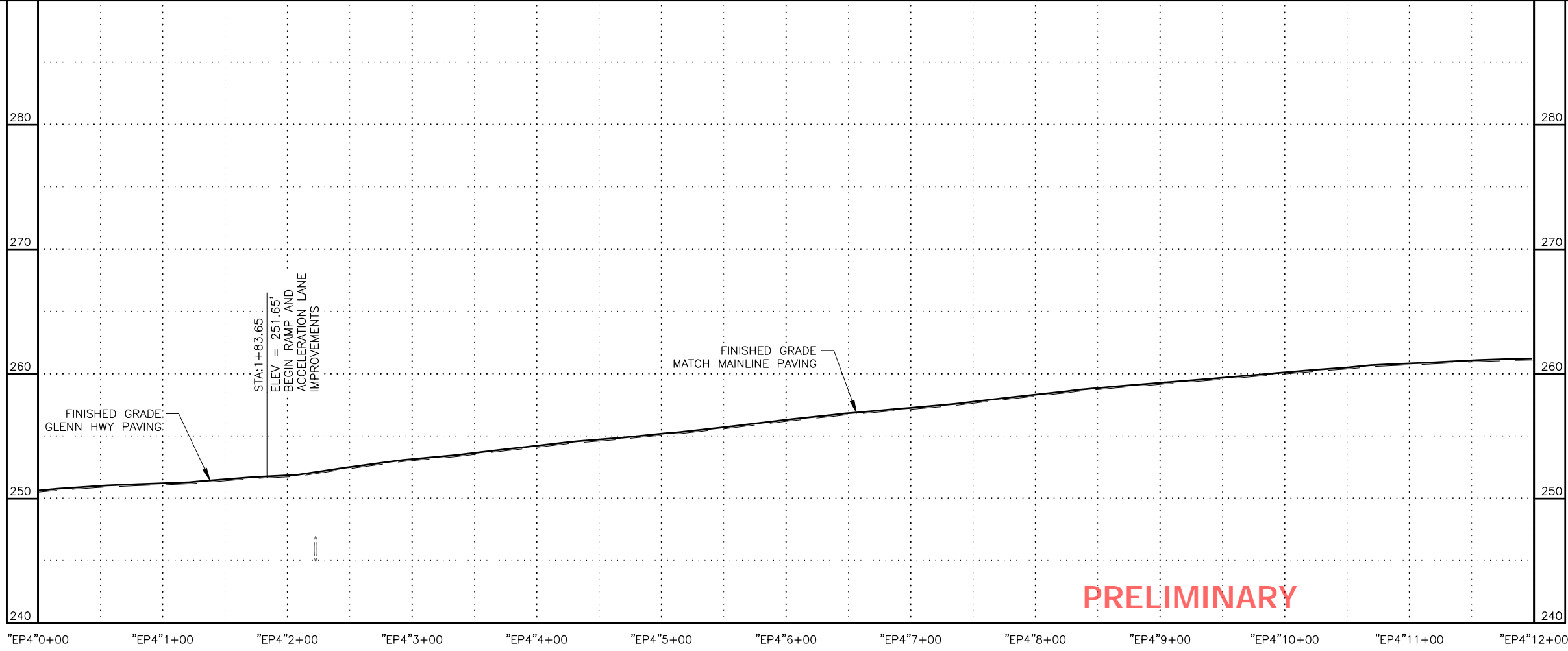
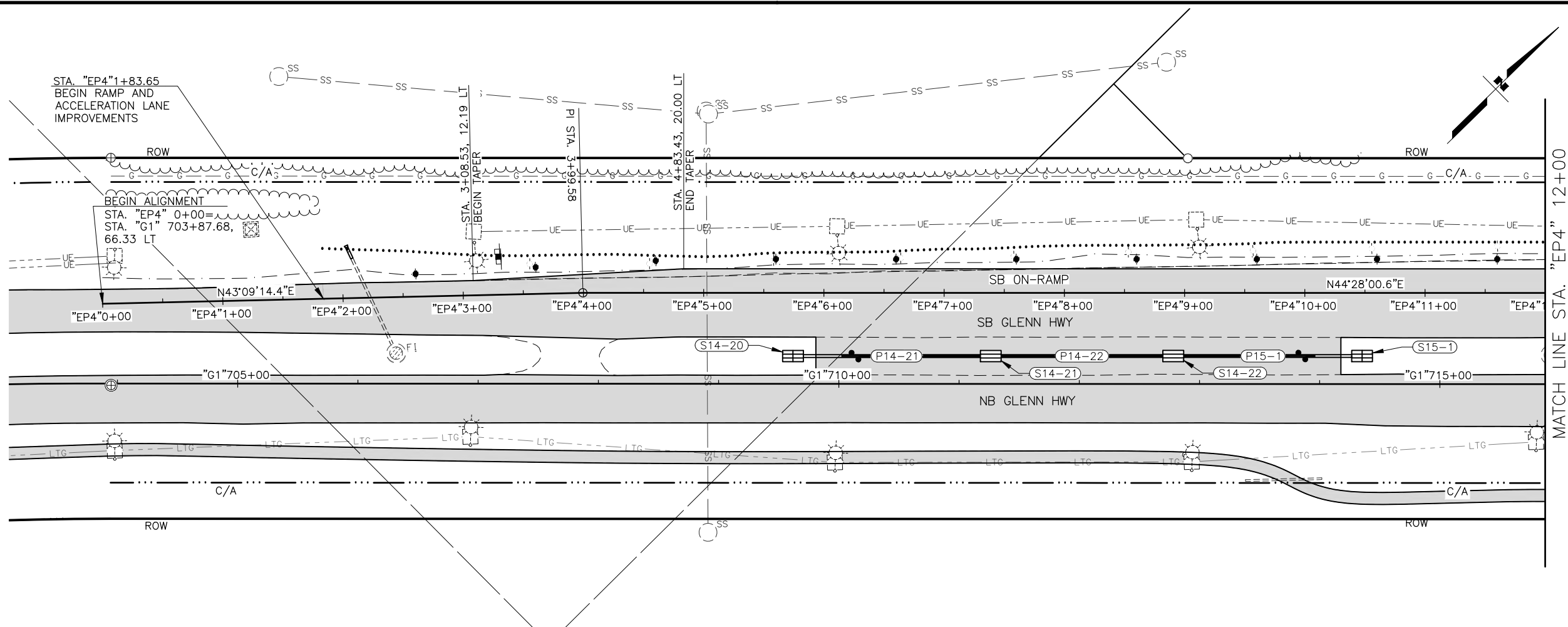


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 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
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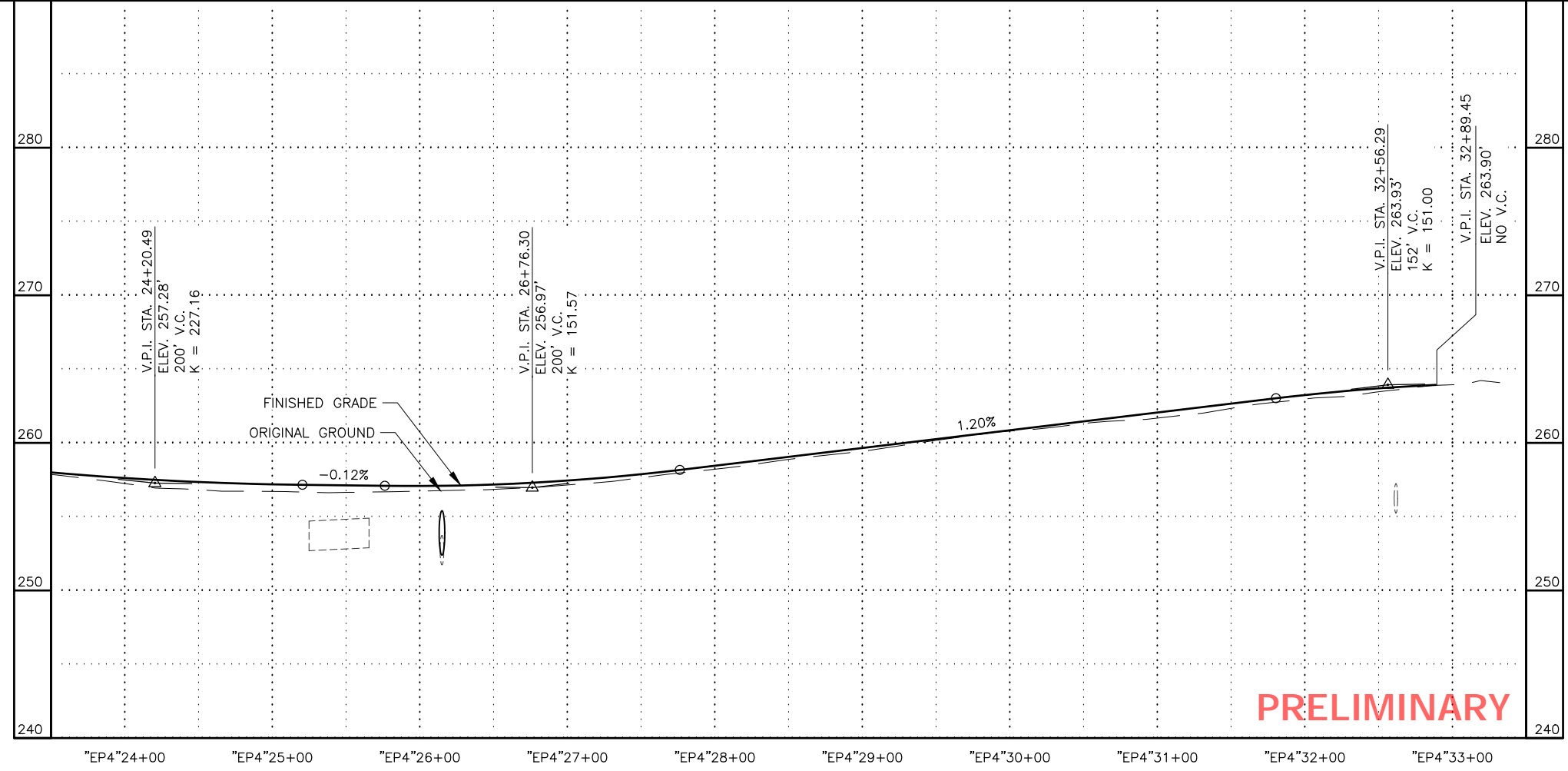
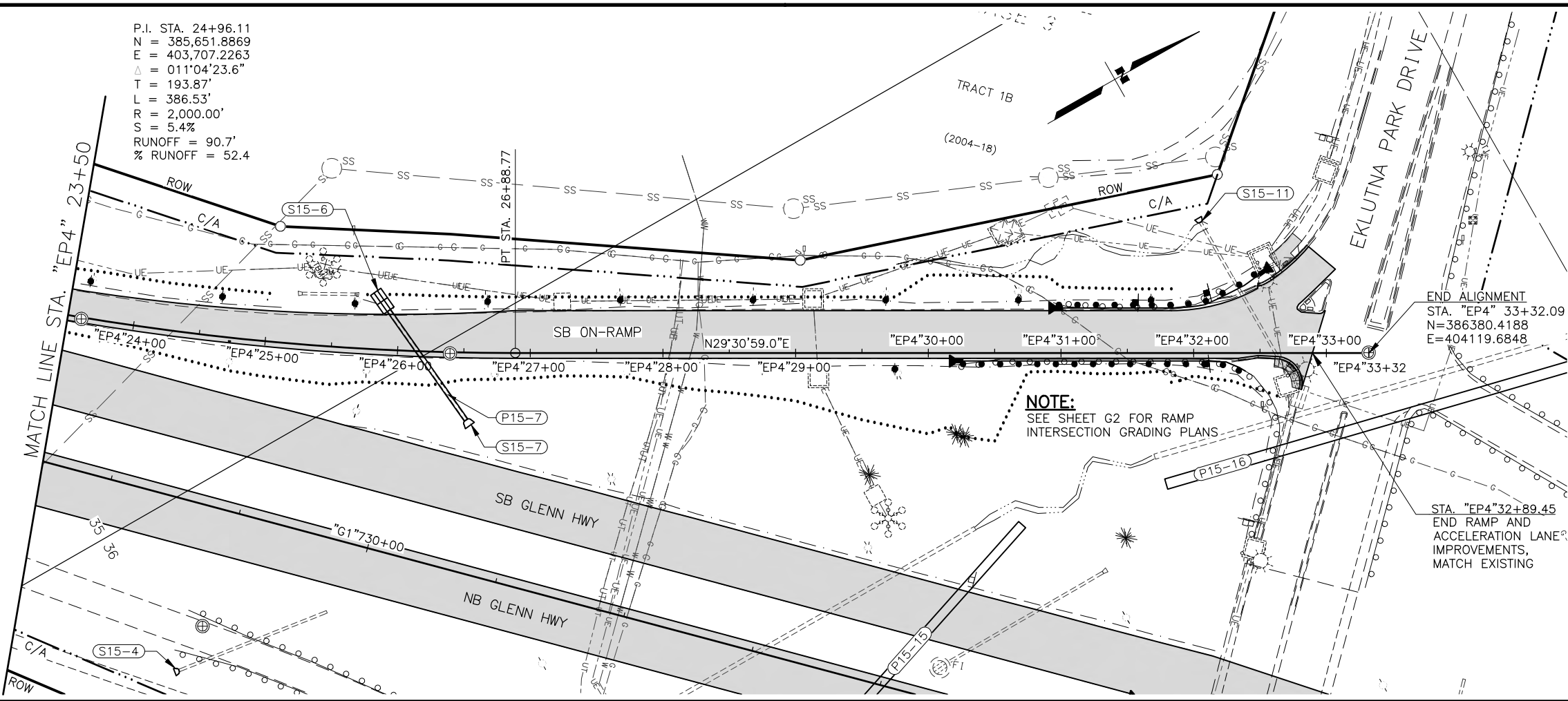
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

**N. EAGLE RIVER
 SB ON-RAMP
 PLAN & PROFILE**



PRELIMINARY

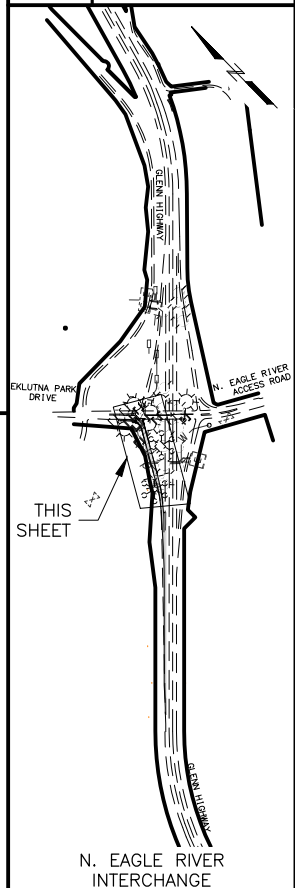
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 % RUNOFF = 52.4



SHEET NO.	TOTAL SHEETS
F58	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION



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PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

**N. EAGLE RIVER
 SB ON-RAMP
 PLAN & PROFILE**

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DESIGNED BY: []
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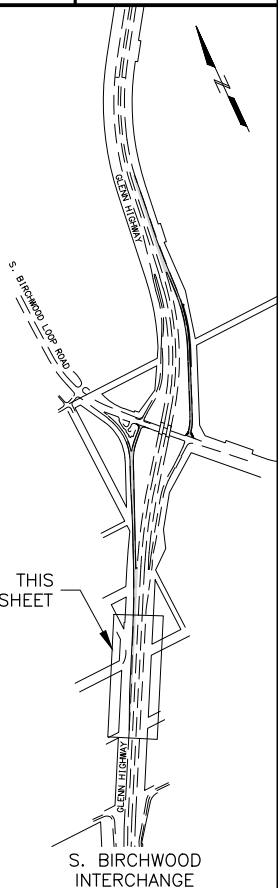
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SHEET NO.	TOTAL SHEETS
F59	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION

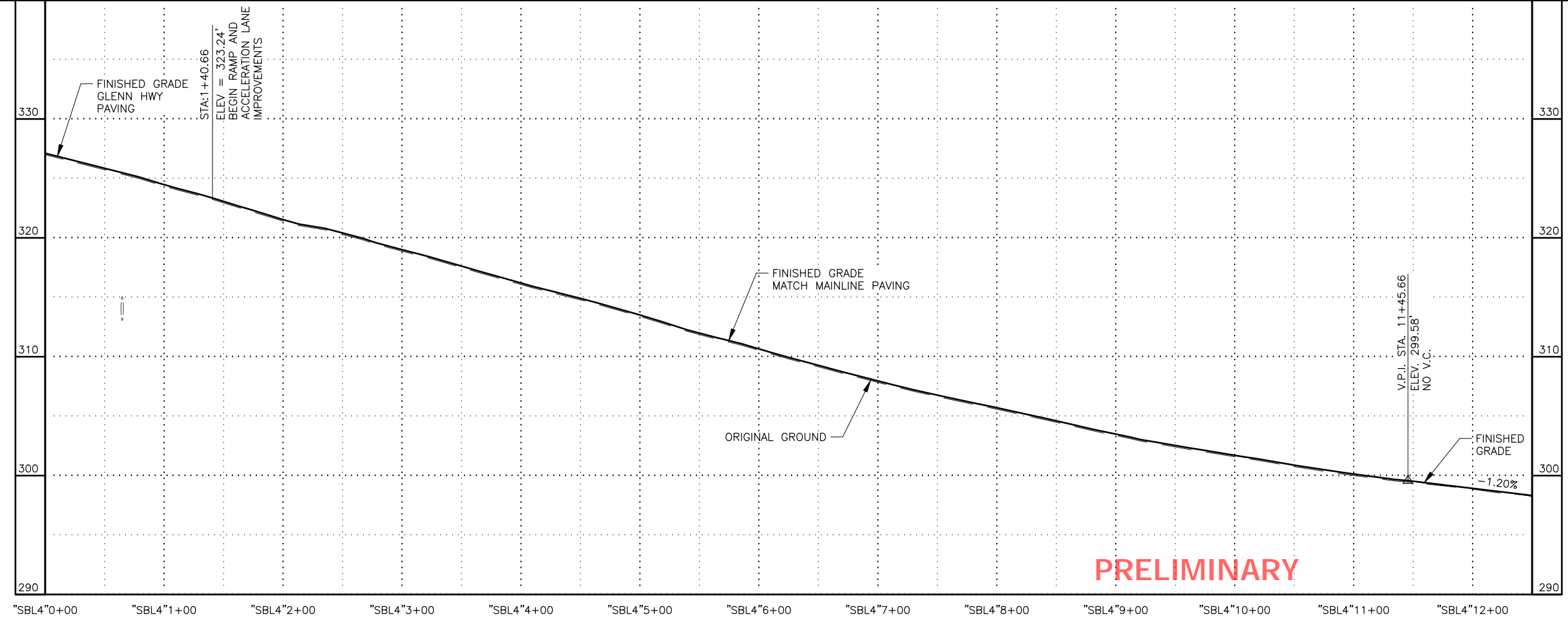
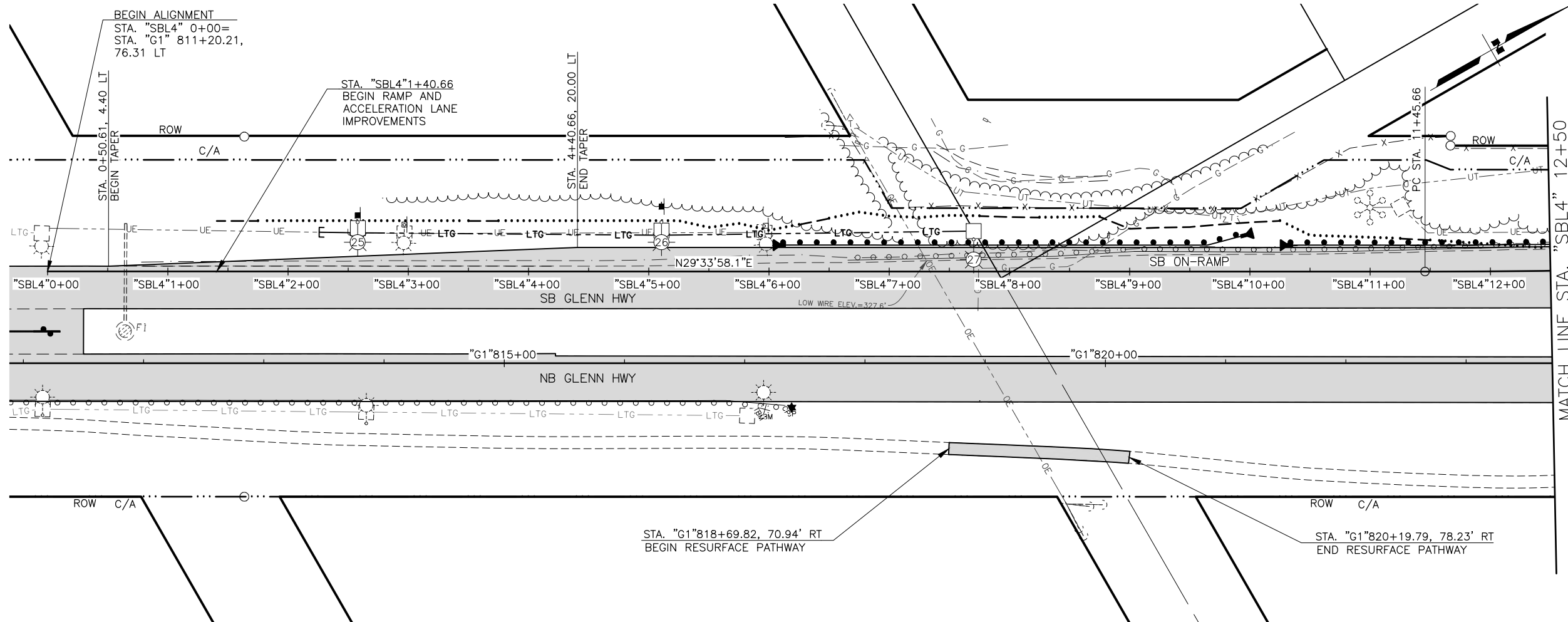


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PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

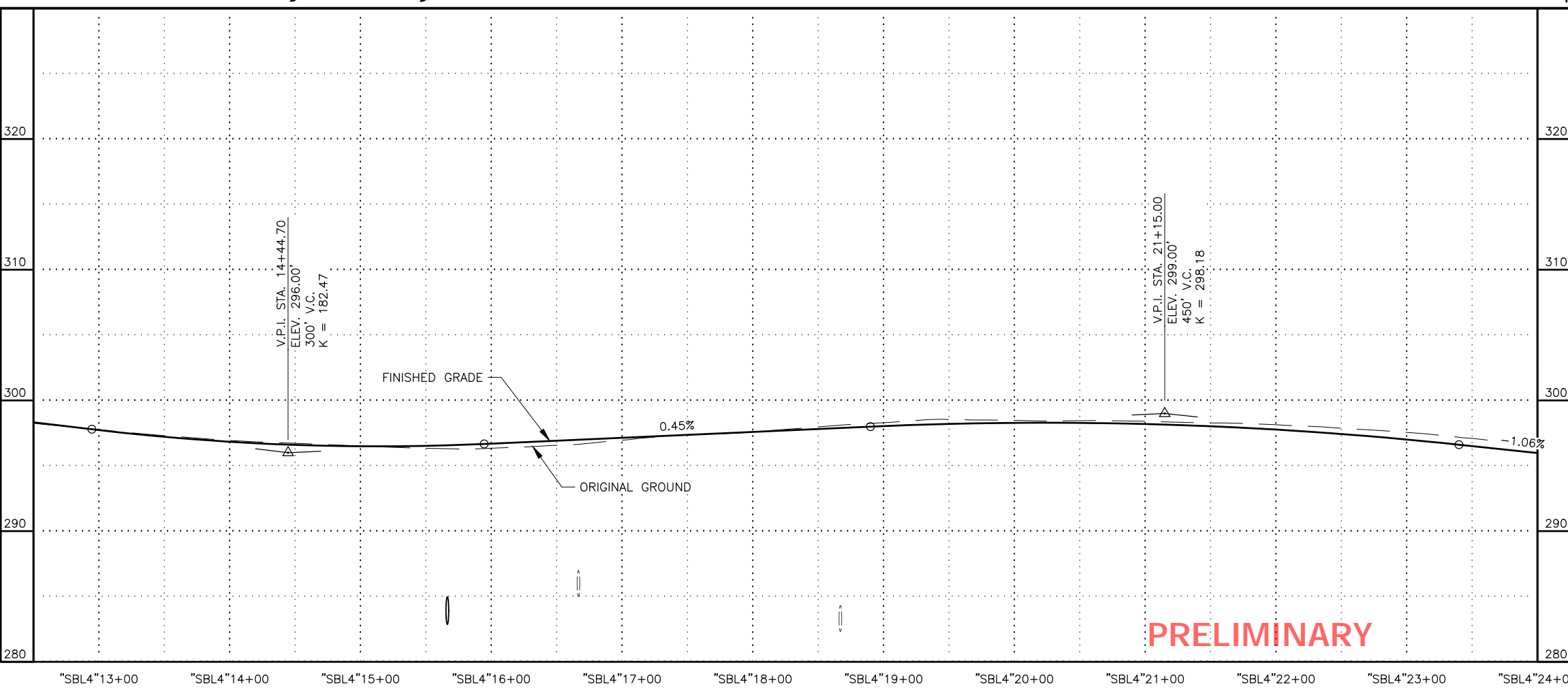
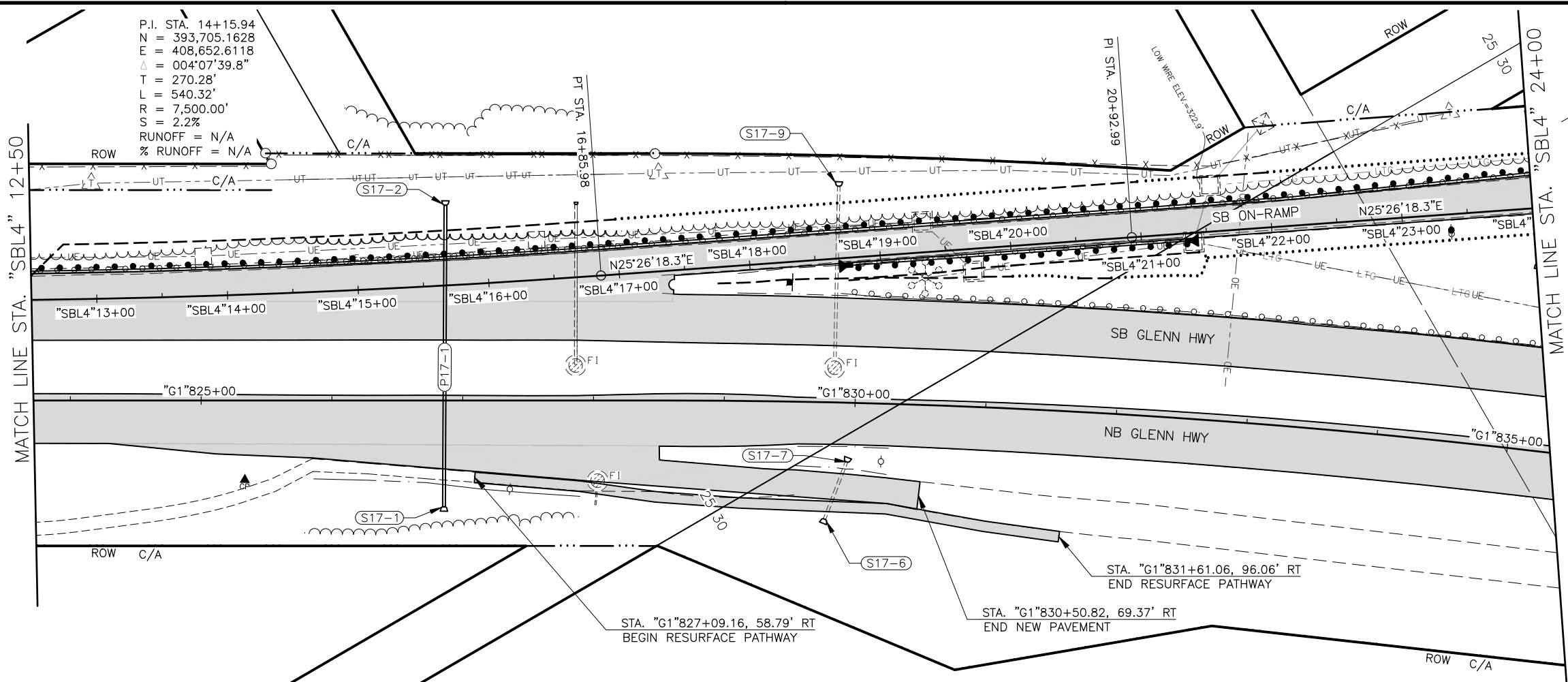
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

**S. BIRCHWOOD
 SB ON-RAMP
 PLAN & PROFILE**



PRELIMINARY

DESIGNED BY: [] CHECKED BY: [] DRAFTED BY: []
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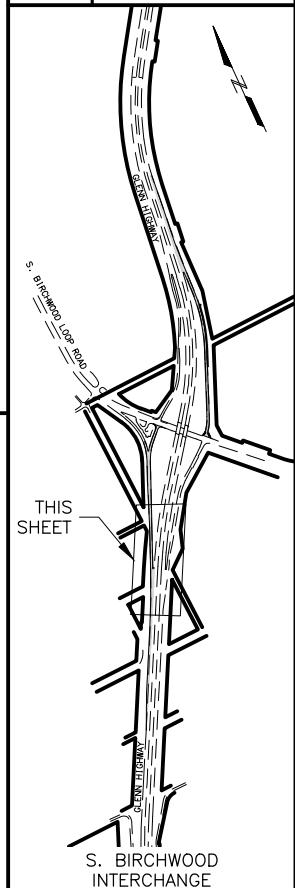


PRELIMINARY

SHEET NO.	TOTAL SHEETS
F60	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION



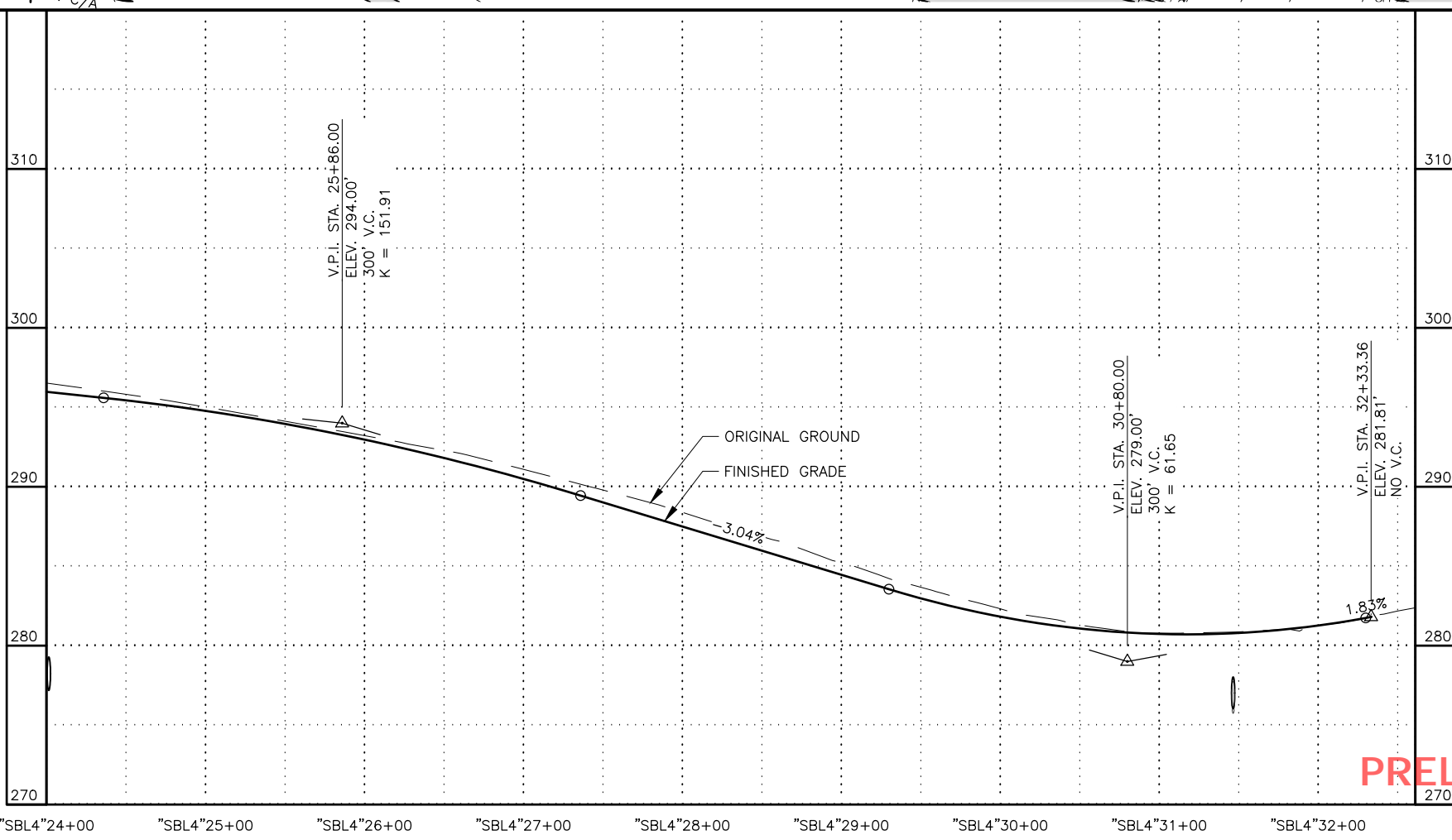
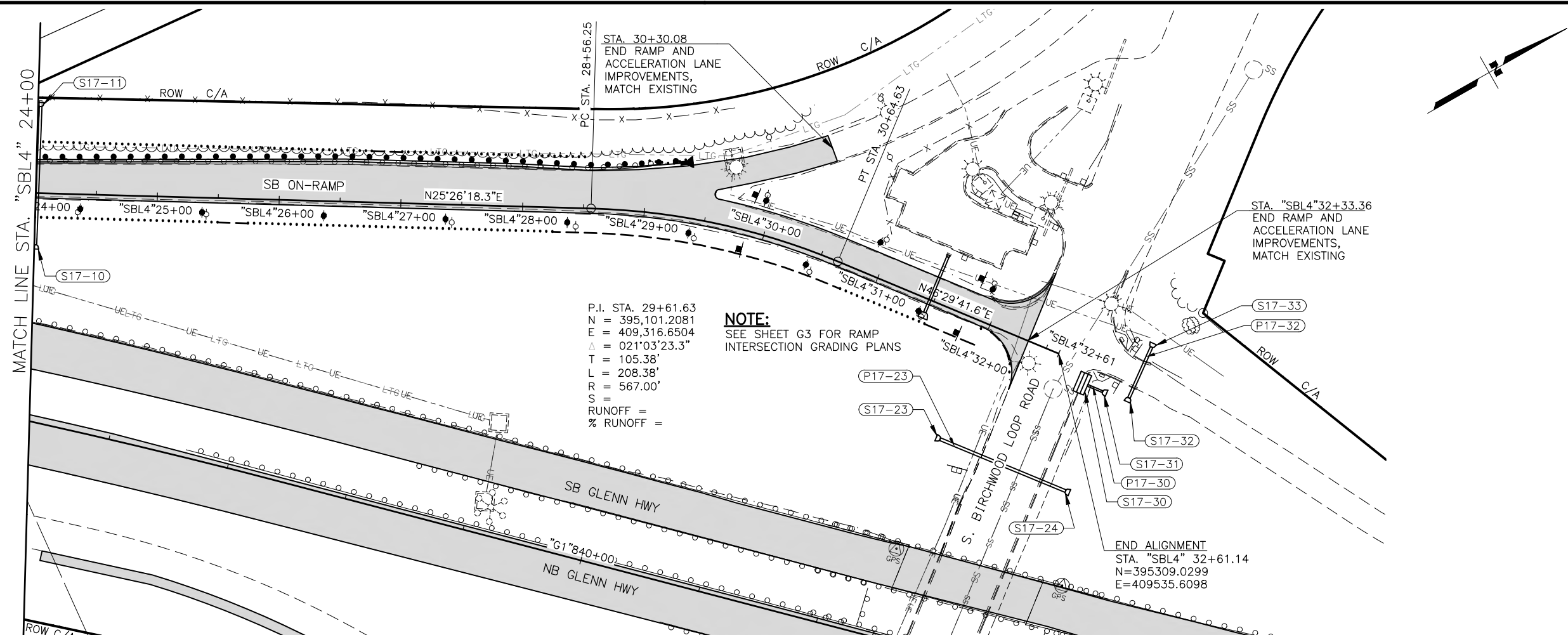
PIH
 8/29/2024

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 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

**S. BIRCHWOOD
 SB ON-RAMP
 PLAN & PROFILE**

DESIGNED BY: [] CHECKED BY: [] DRAFTED BY: []
 SCALE: 1" = 40'
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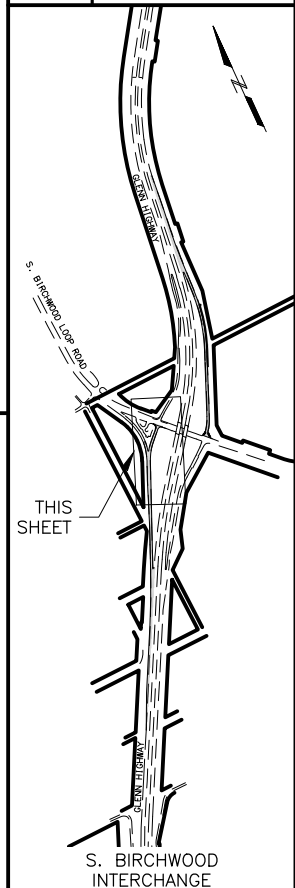


PRELIMINARY

SHEET NO.	TOTAL SHEETS
F61	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION



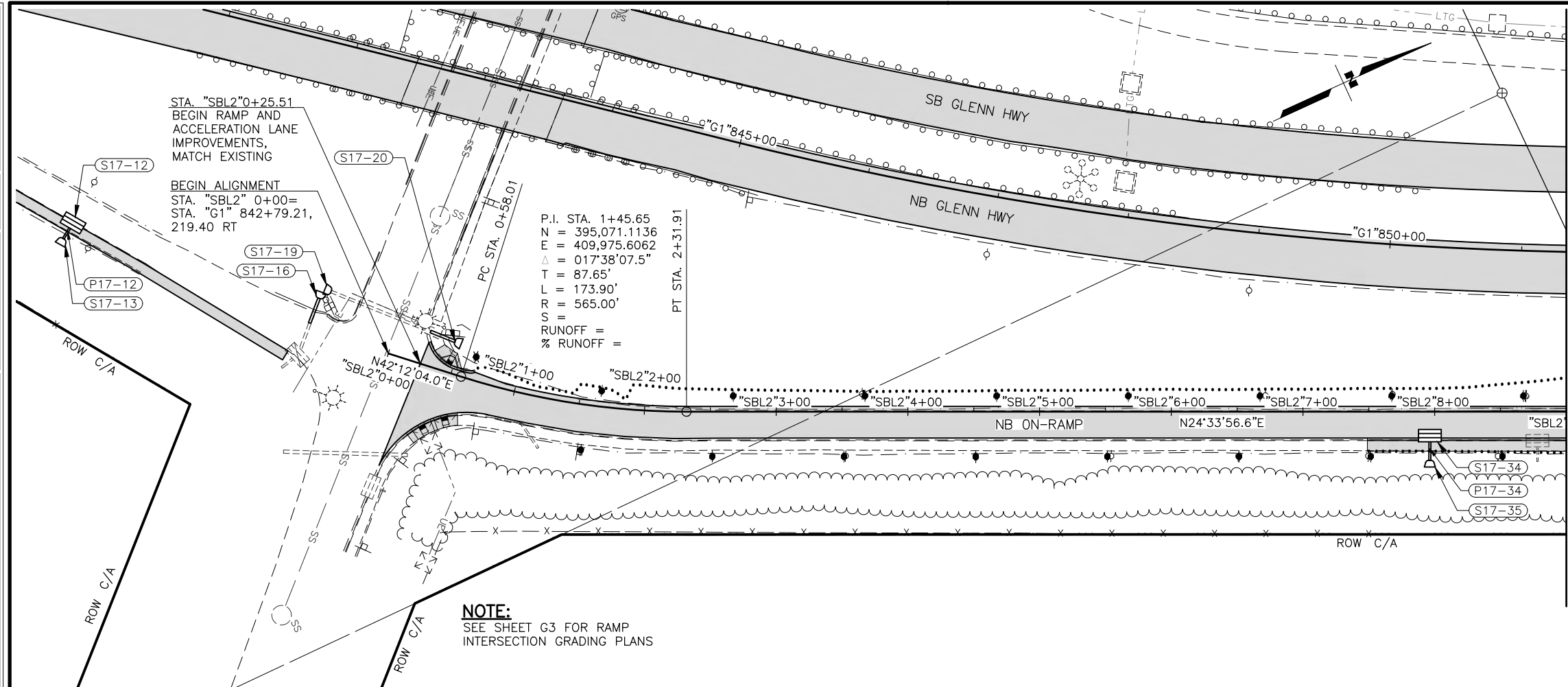
8/29/2024

PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

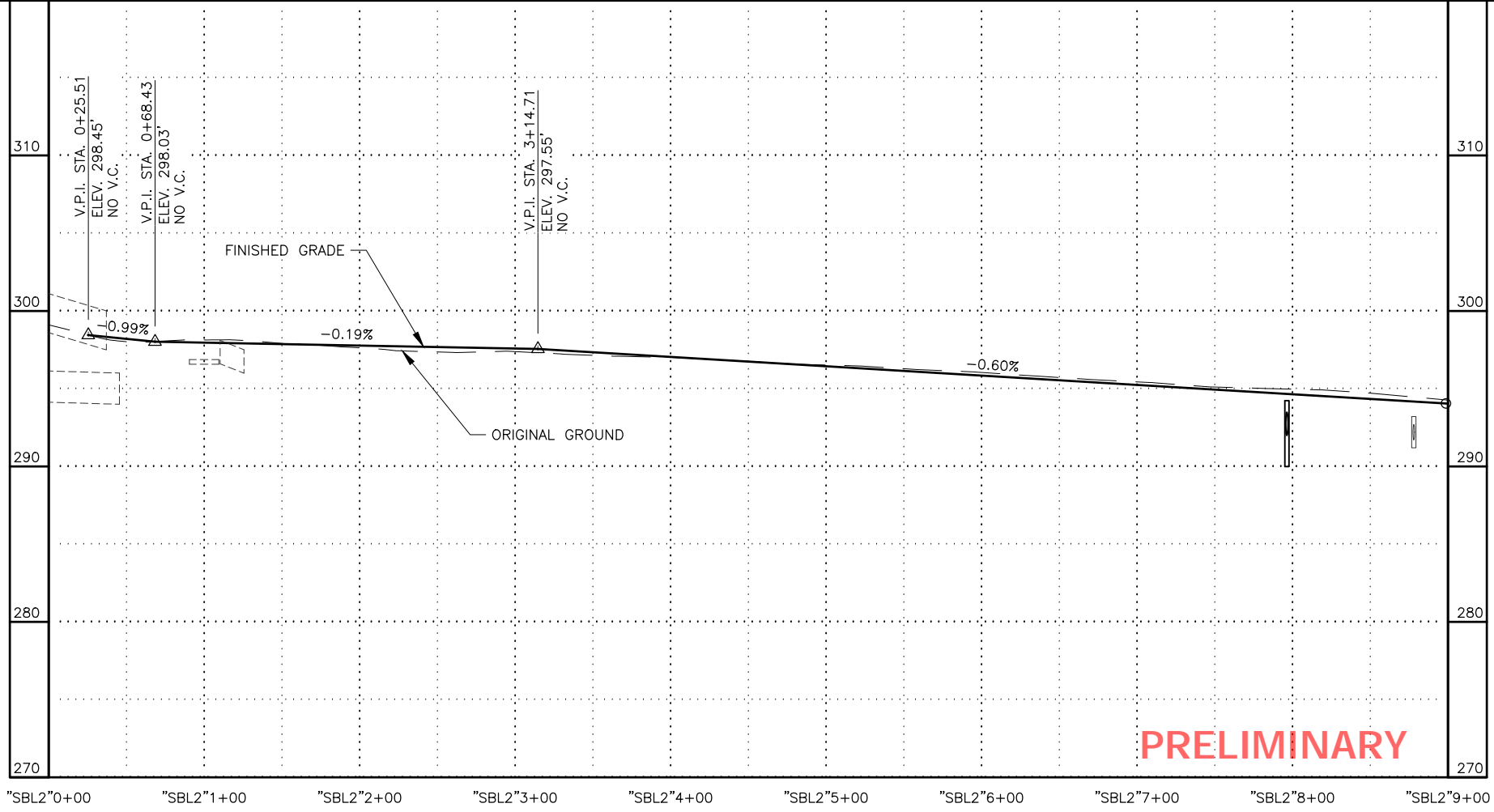
**S. BIRCHWOOD
 SB ON-RAMP
 PLAN & PROFILE**

DESIGNED BY: [] CHECKED BY: [] DRAFTED BY: []
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MATCH LINE STA. "SBL2" 9+00

NOTE:
 SEE SHEET G3 FOR RAMP
 INTERSECTION GRADING PLANS

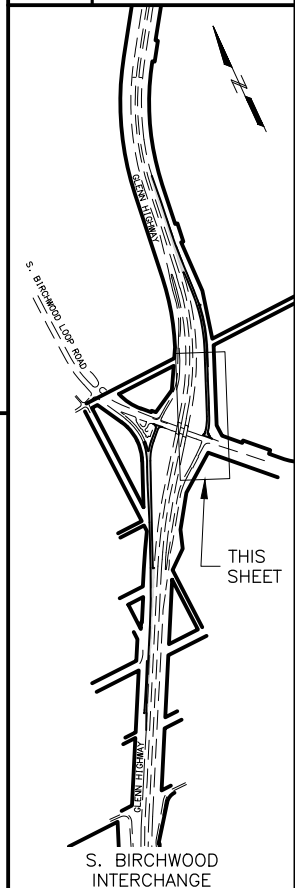


PRELIMINARY

SHEET NO.	TOTAL SHEETS
F62	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION



PIH

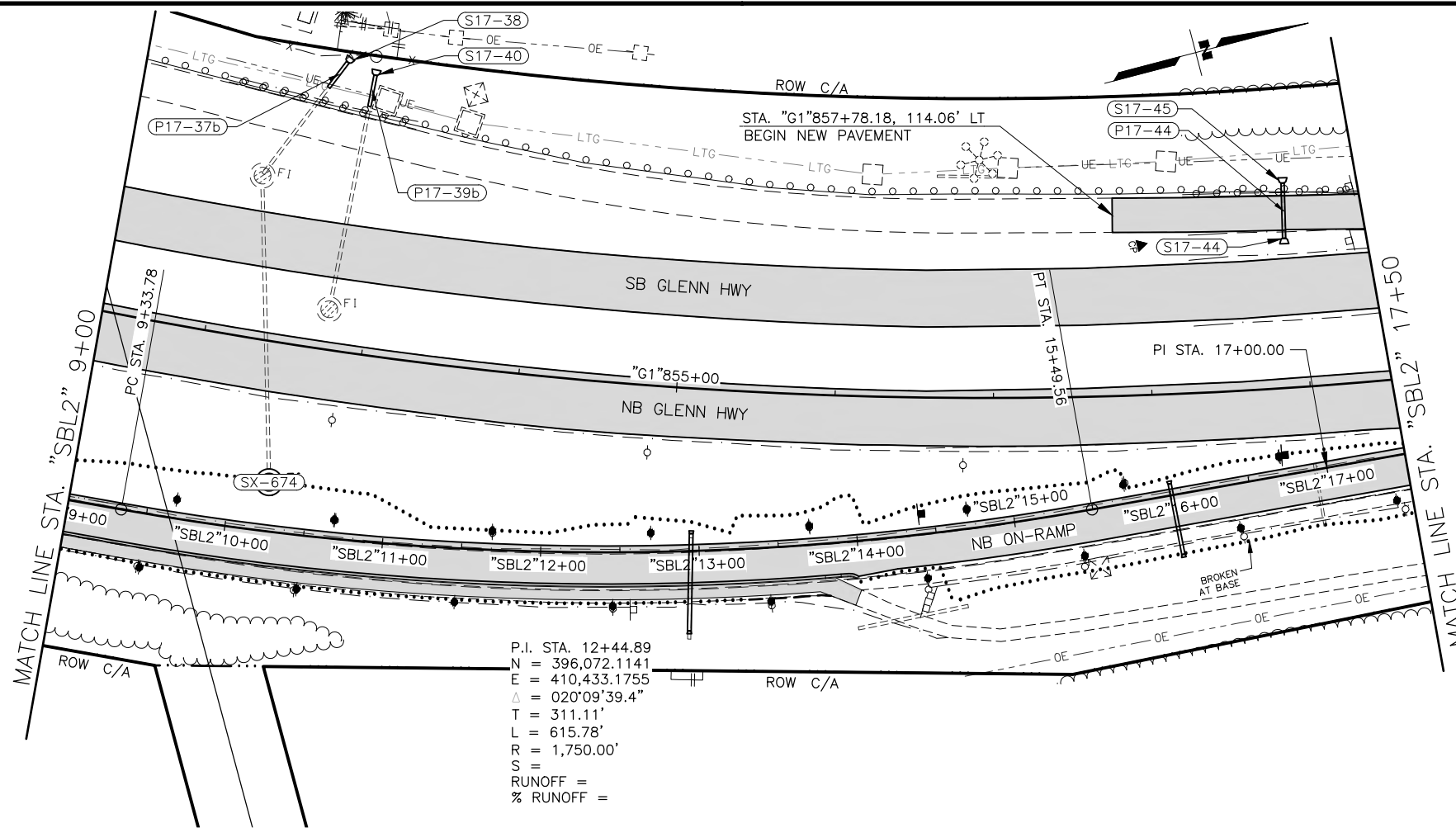
8/29/2024

PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

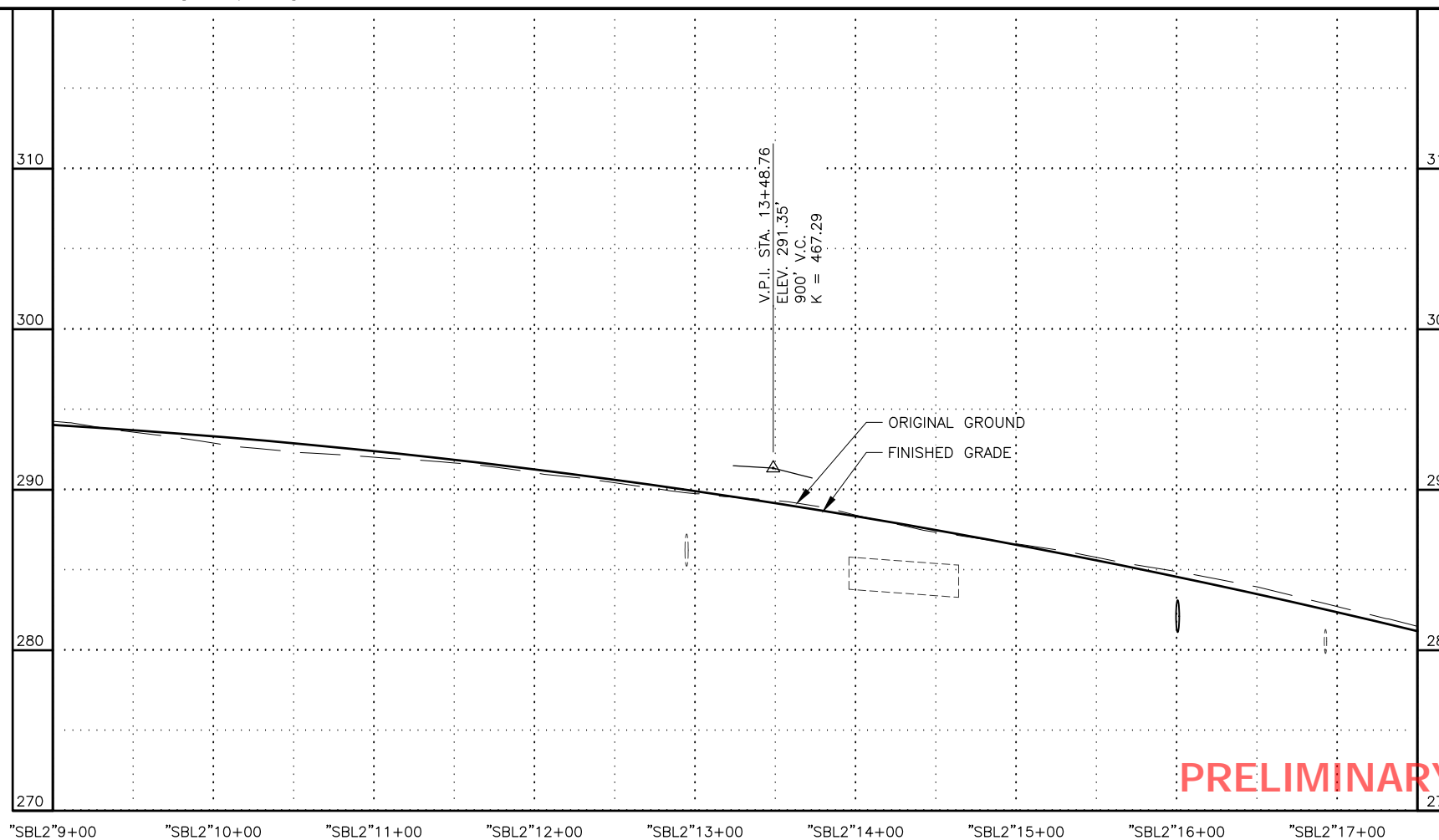
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

**S. BIRCHWOOD
 NB ON-RAMP
 PLAN & PROFILE**

DESIGNED BY: [] CHECKED BY: [] DRAFTED BY: []
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 DATE: 8/29/2024 TIME: 7:07 PM
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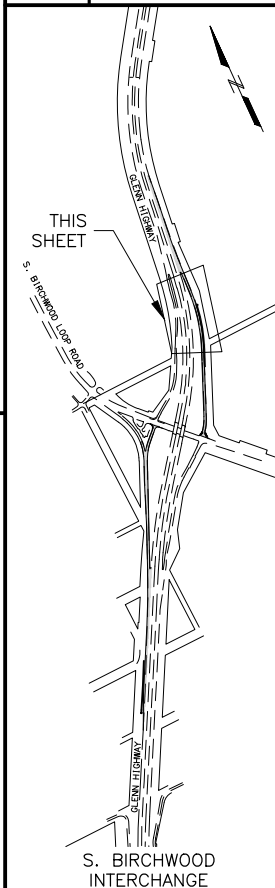


PRELIMINARY

SHEET NO.	TOTAL SHEETS
F63	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION



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 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
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 (907) 346-2373
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STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

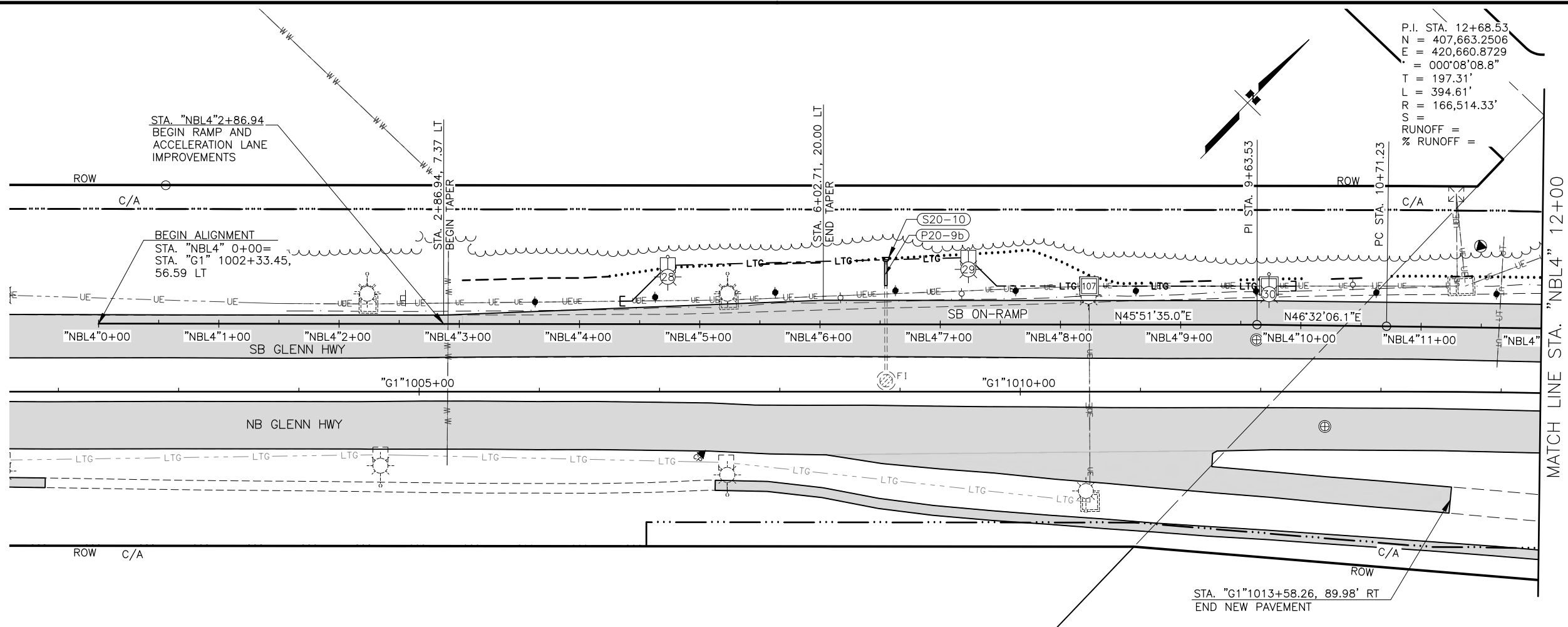
**S. BIRCHWOOD
 NB ON-RAMP
 PLAN & PROFILE**

DESIGNED BY
CHECKED BY
DRAFTED BY

SCALE
X" = XX'

DATE
8/29/2024 7:09 PM

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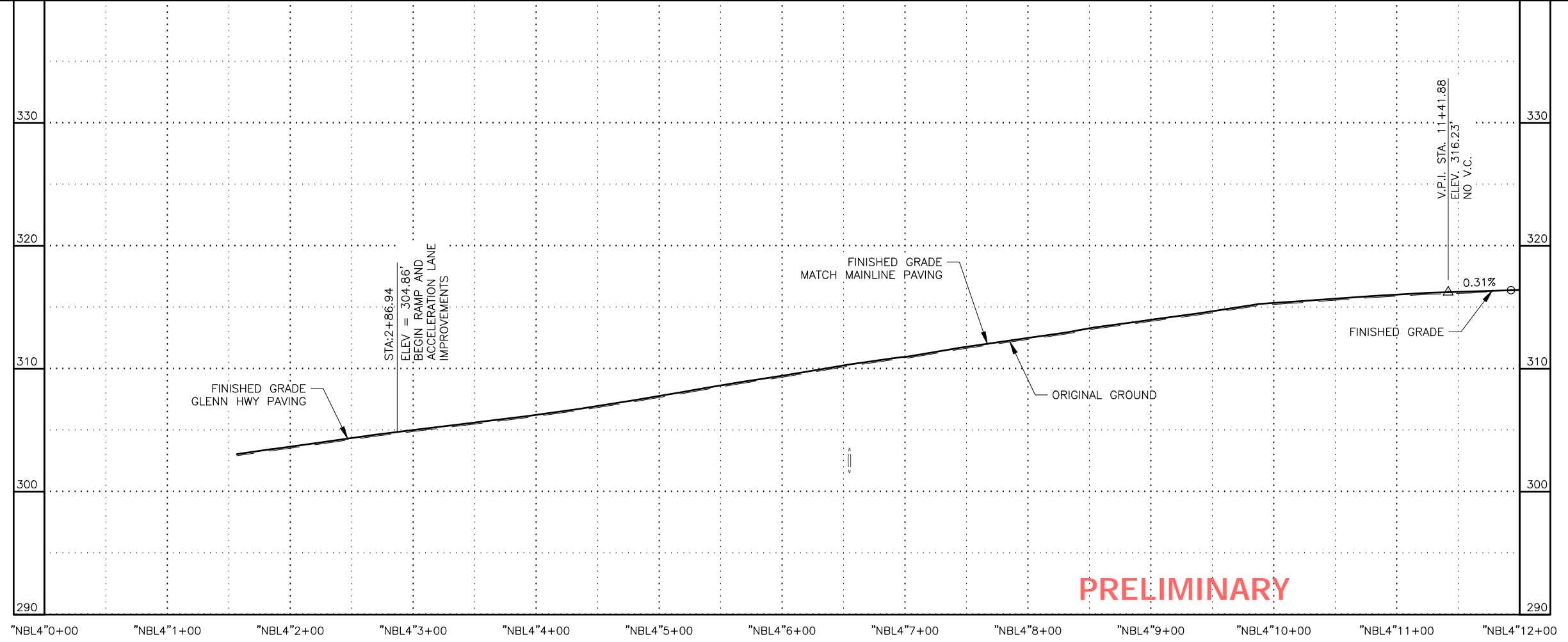
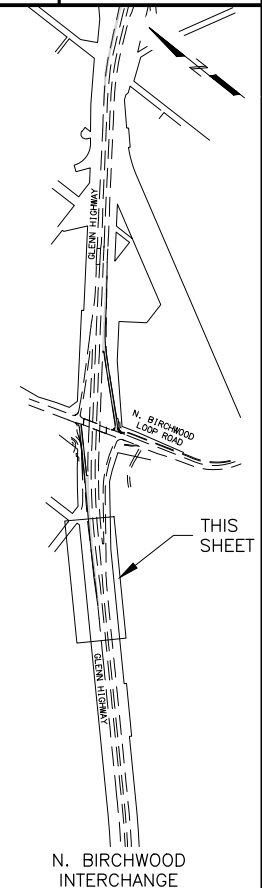


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RUNOFF =
% RUNOFF =

SHEET NO.	TOTAL SHEETS
F65	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
CFHWY00545**

NO.	REVISION



PRELIMINARY

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8/29/2024

PLANS DEVELOPED BY:
KINNEY ENGINEERING, LLC
3909 Arctic Blvd, Suite 400
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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
GLENN HWY: AIRPORT HEIGHTS
TO PARKS HWY REHABILITATION

**N. BIRCHWOOD
SB ON-RAMP
PLAN & PROFILE**

DESIGNED BY: []
 CHECKED BY: []
 DRAFTED BY: []

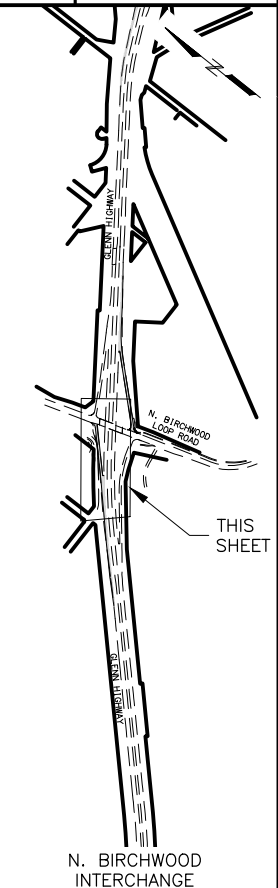
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SHEET NO.	TOTAL SHEETS
F66	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION

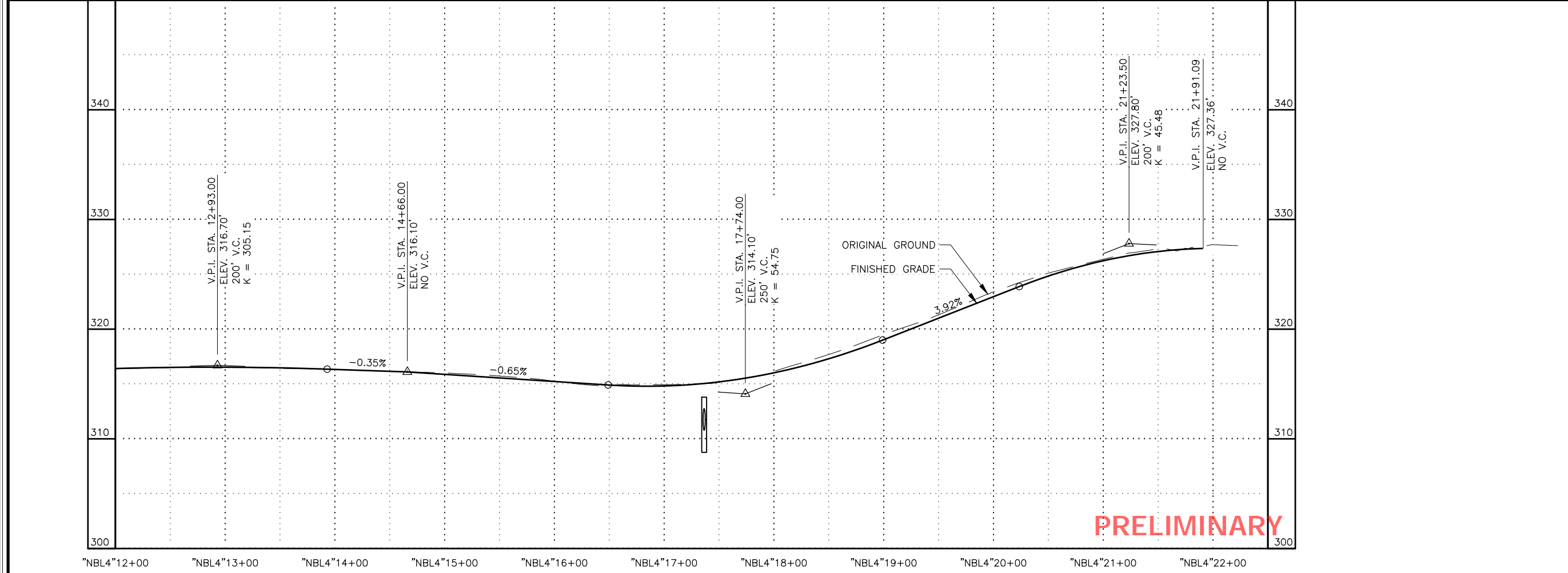
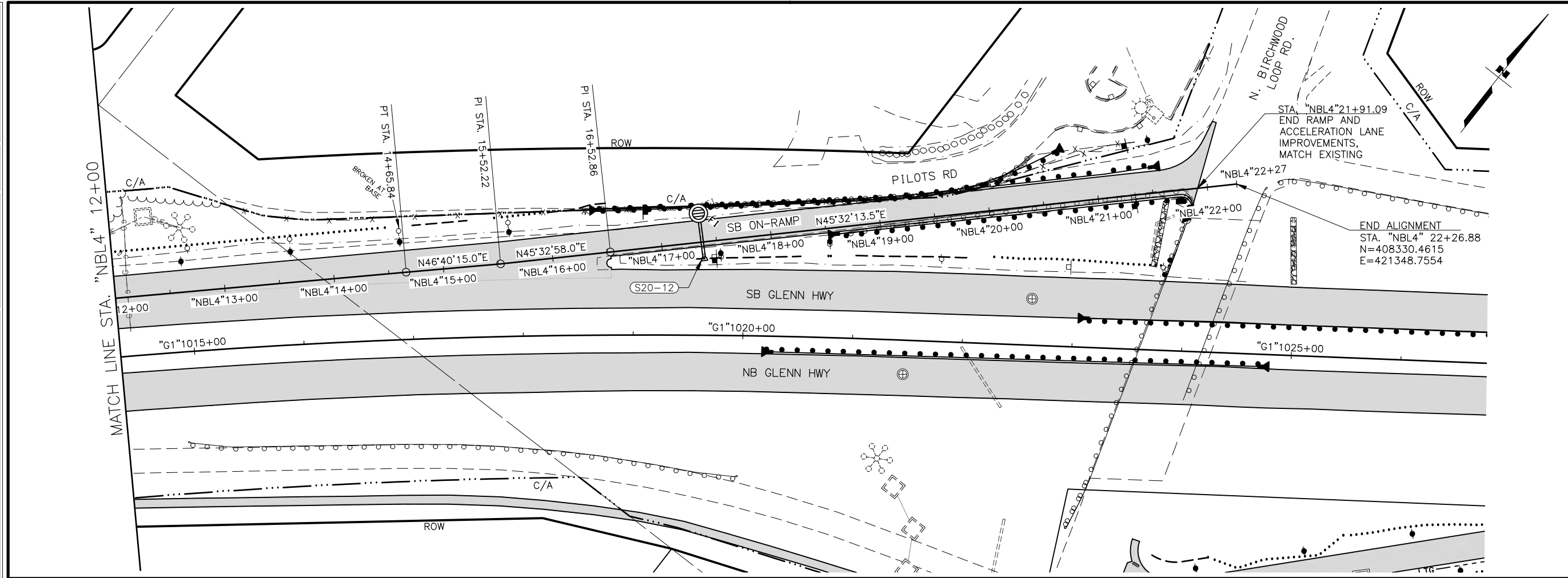


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 8/29/2024

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 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
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 (907) 346-2373
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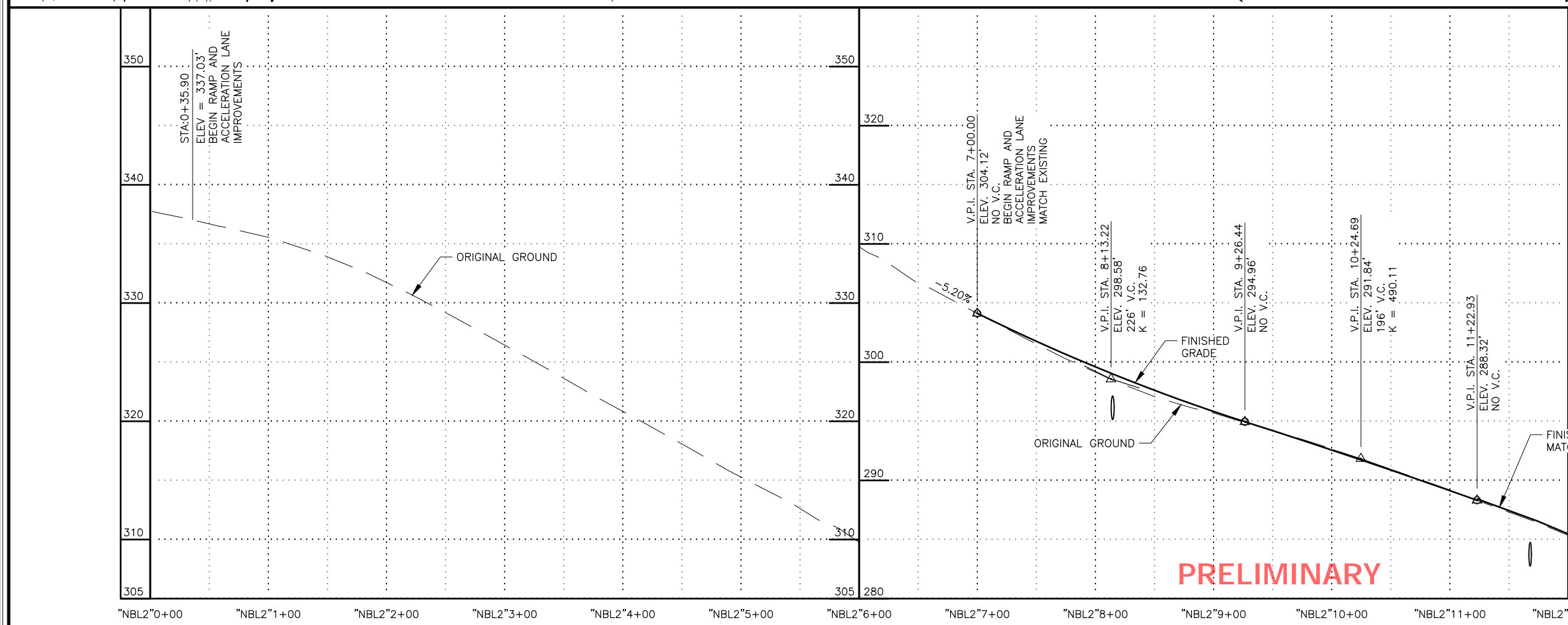
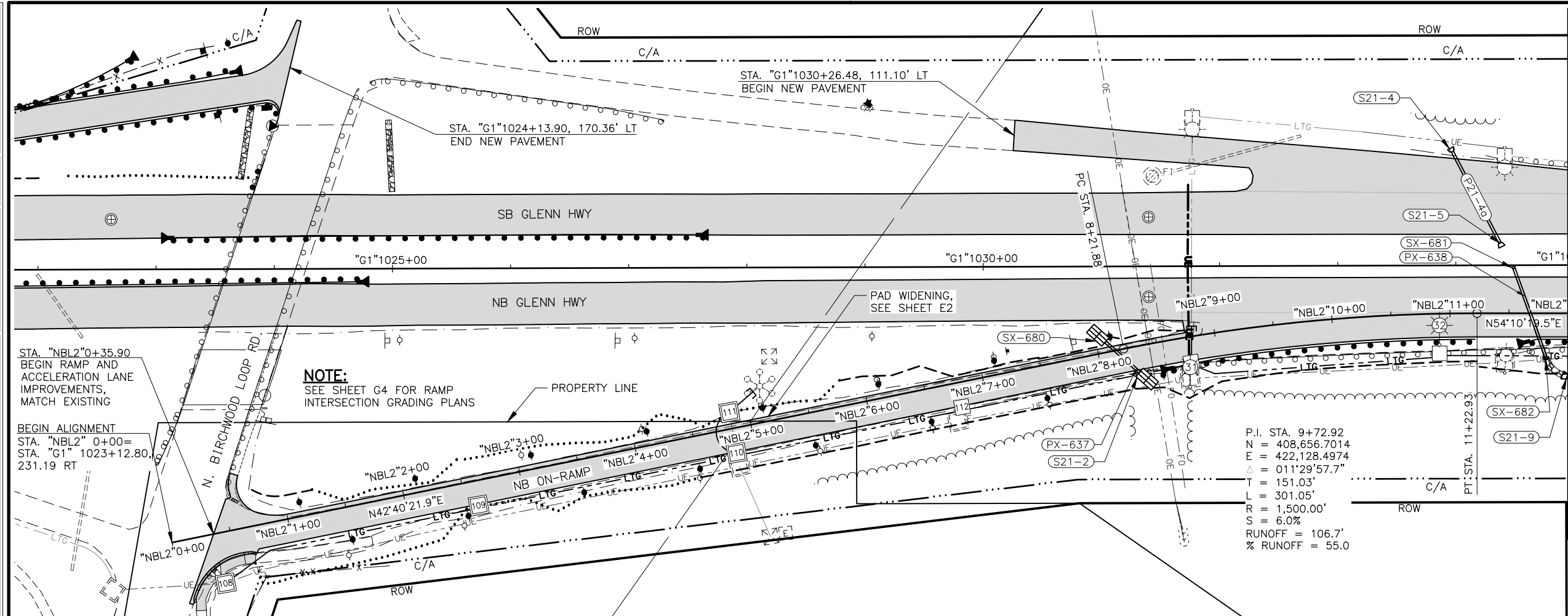
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

**N. BIRCHWOOD
 SB ON-RAMP
 PLAN & PROFILE**

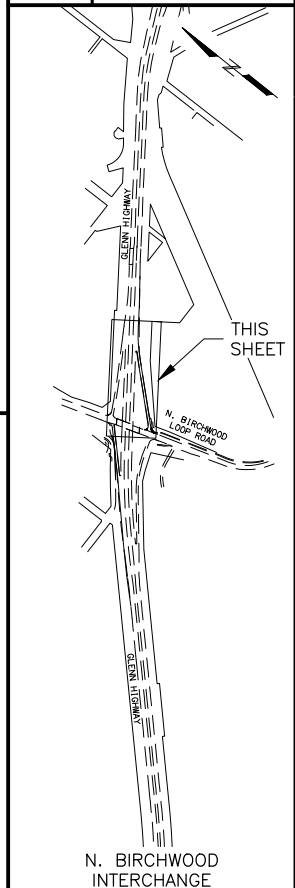


PRELIMINARY

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SHEET NO.	TOTAL SHEETS
F67	F84
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



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8/29/2024

PLANS DEVELOPED BY:
KINNEY ENGINEERING, LLC
3909 Arctic Blvd, Suite 400
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STATE OF ALASKA
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GLENN HWY: AIRPORT HEIGHTS
TO PARKS HWY REHABILITATION

N. BIRCHWOOD
NB ON-RAMP
PLAN & PROFILE

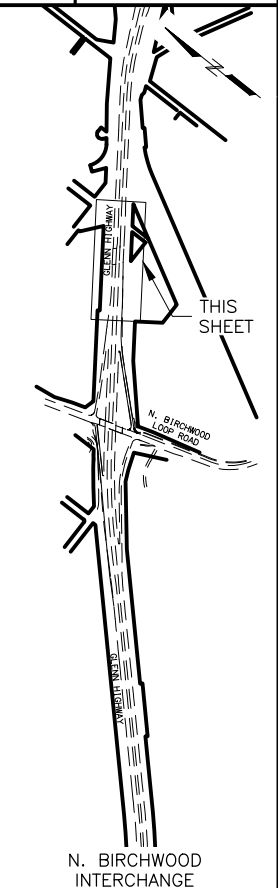
PRELIMINARY

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SHEET NO.	TOTAL SHEETS
F68	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION

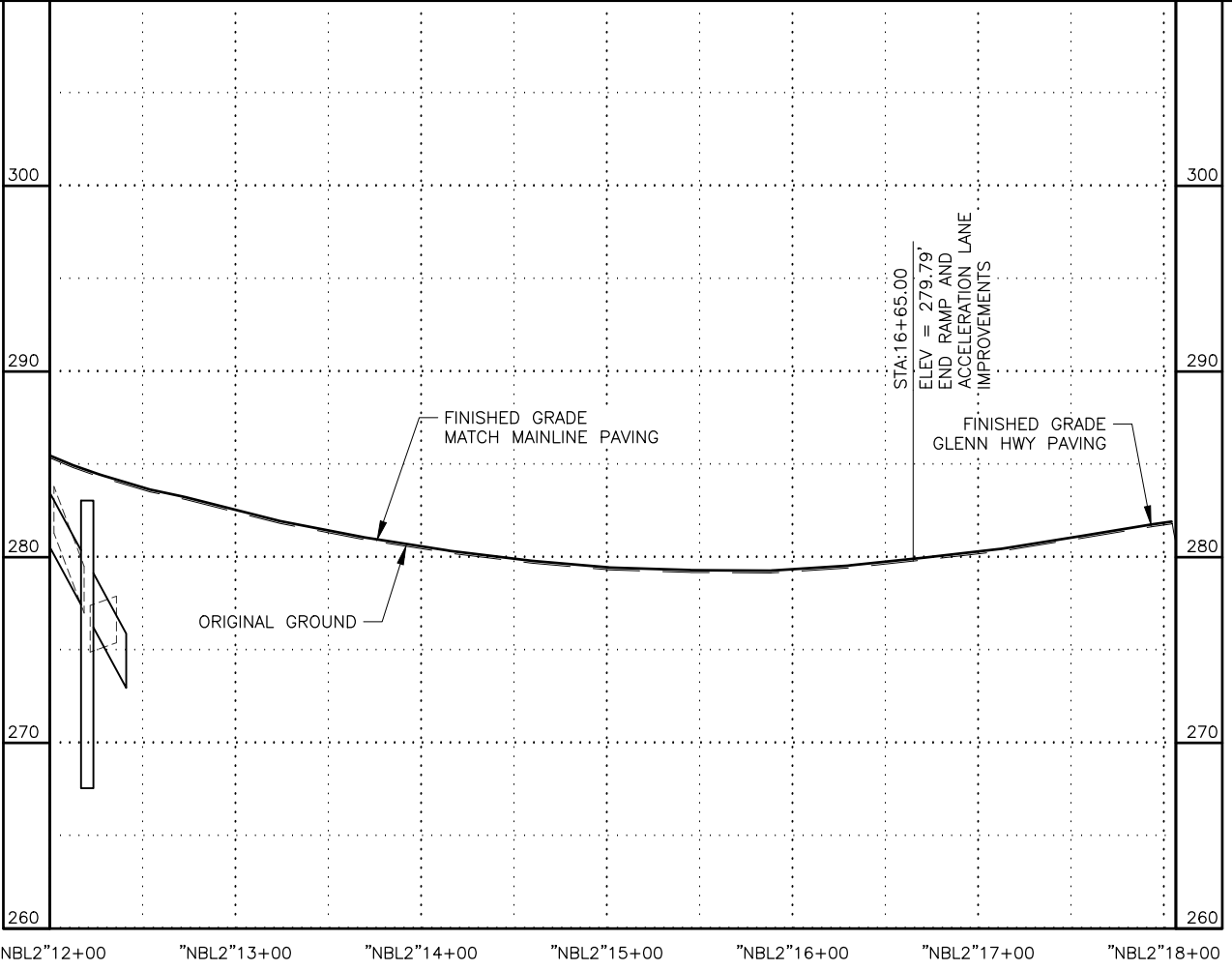
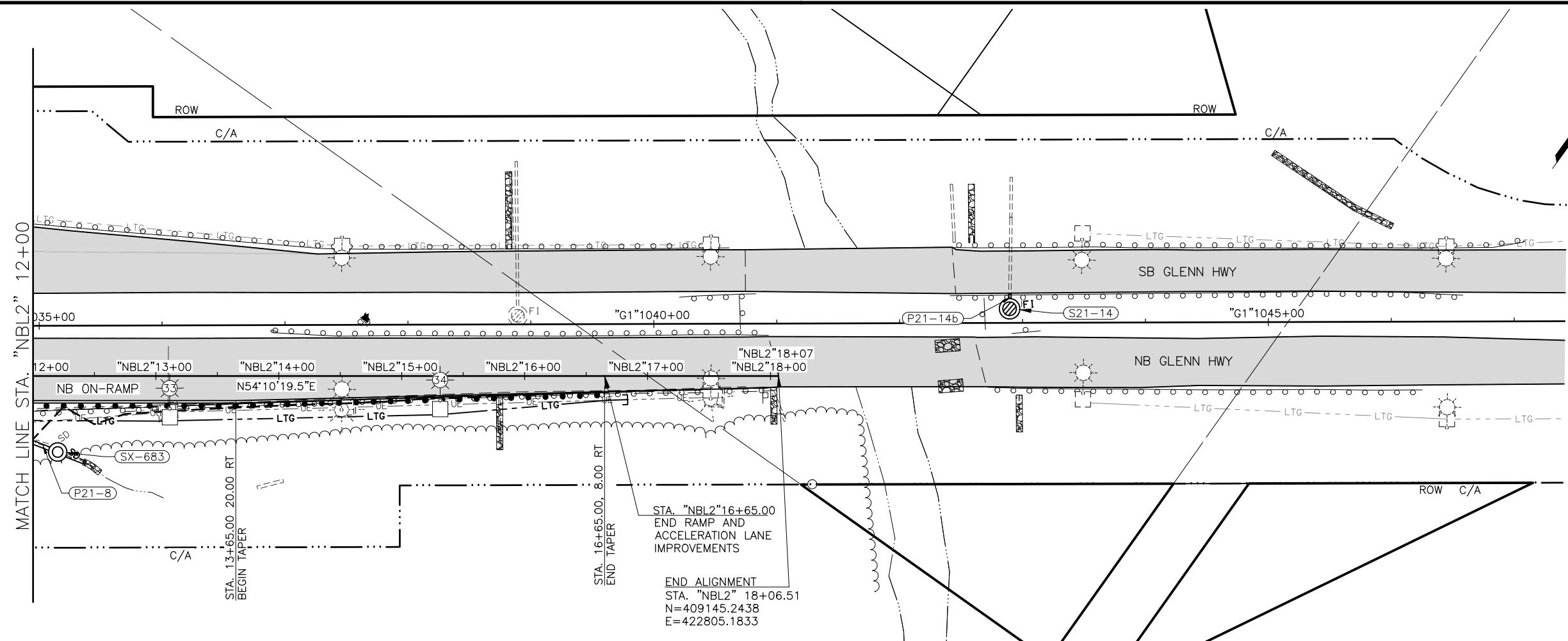


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 8/29/2024

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 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

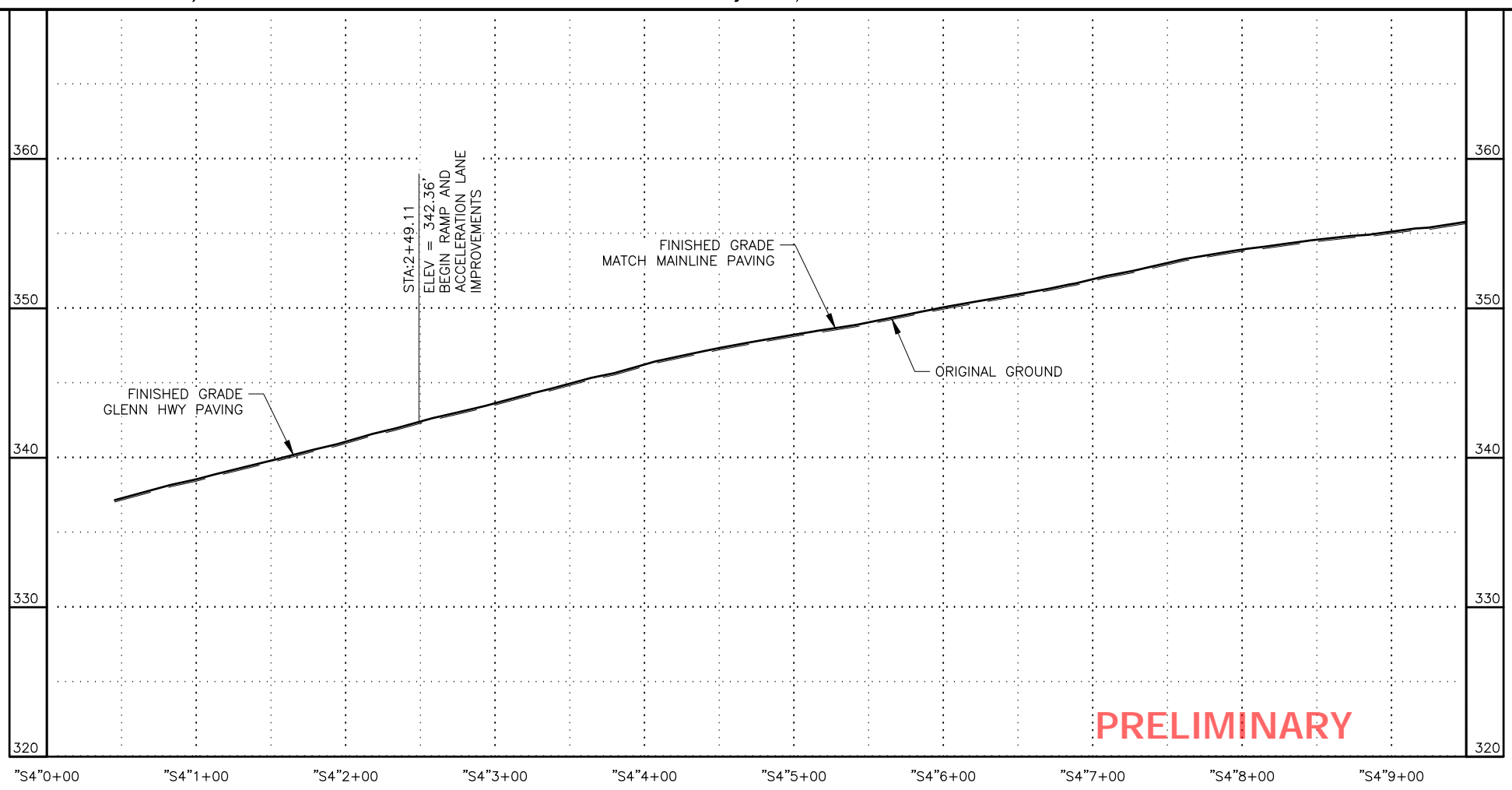
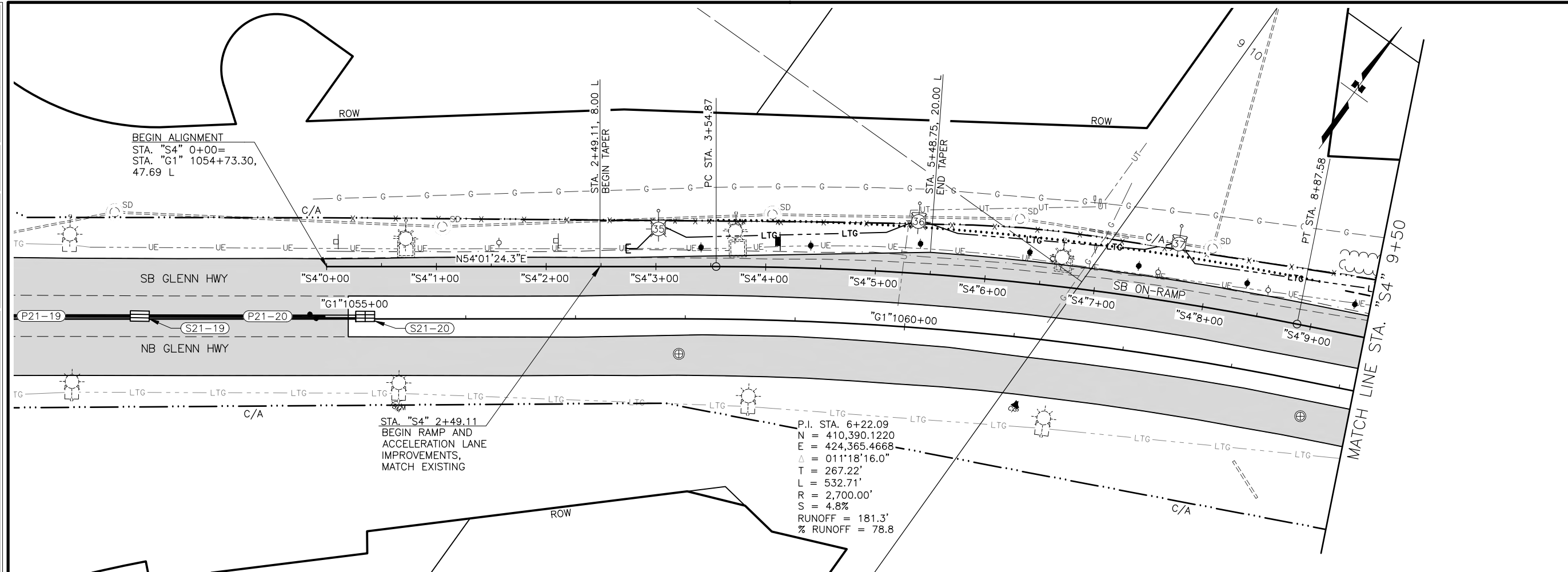
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

**N. BIRCHWOOD
 NB ON-RAMP
 PLAN & PROFILE**



PRELIMINARY

DESIGNED BY: [] CHECKED BY: [] DRAFTED BY: []
 SCALE: 1" = 40'
 DATE: 8/29/2024 TIME: 7:15 PM
 DRAWING LOCATION: Z:\PROJECTS\009777_GLENN_HWY_AIRPORT_HTS_TO_PARKS\DWGS\C\DWGS\00945_F66-F67_P&P_S_PETERS_CREEK_SB-ON.DWG

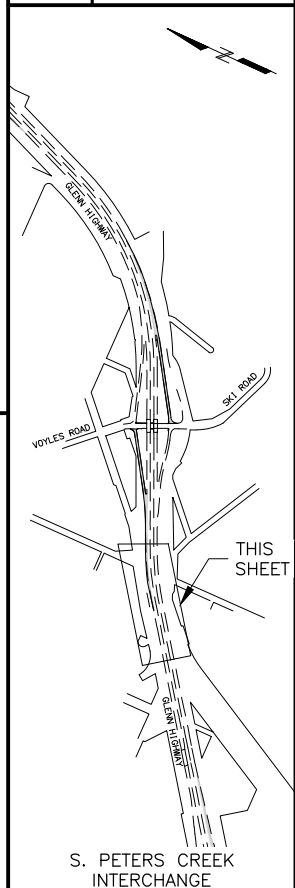


SHEET NO.	TOTAL SHEETS
F69	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION

**0001656/
CFHWY00545**

NO.	REVISION



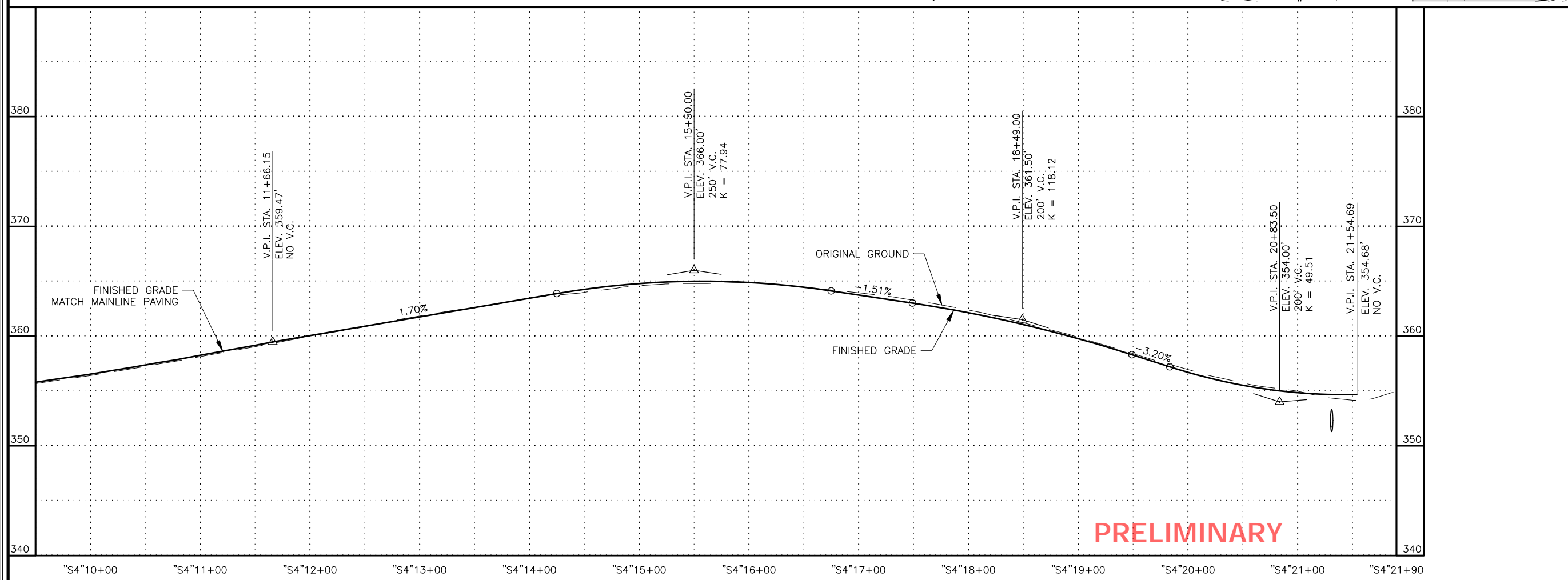
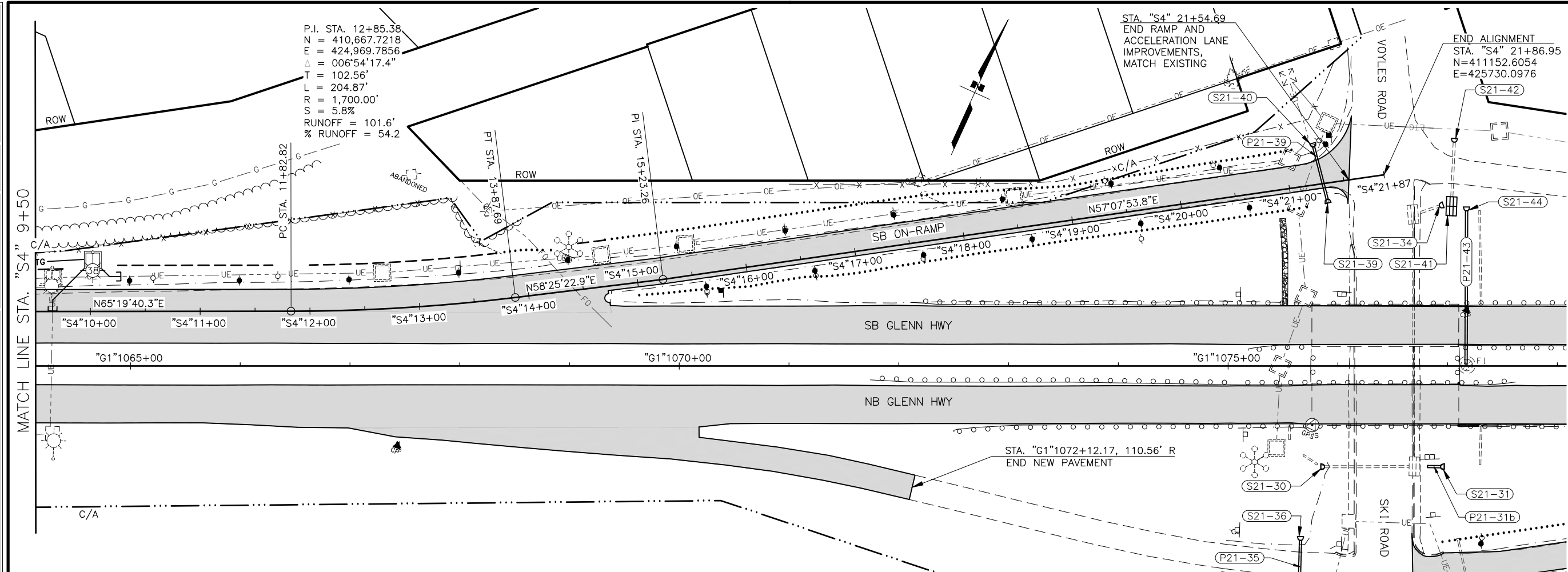
PIH
 8/29/2024

PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

**S. PETERS CREEK
 SB ON-RAMP
 PLAN & PROFILE**

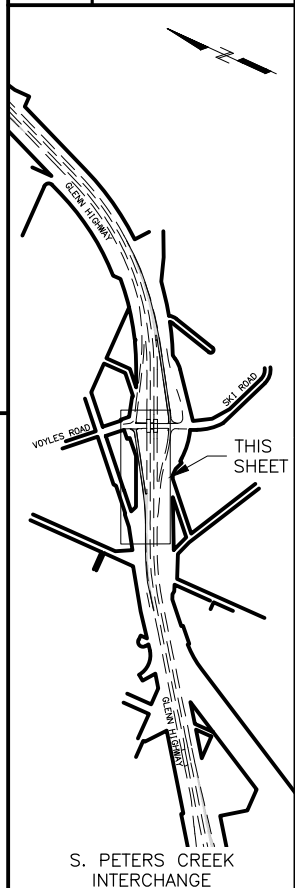
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 DESIGNED BY: [blank]
 CHECKED BY: [blank]
 DRAFTED BY: [blank]



SHEET NO.	TOTAL SHEETS
F70	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION



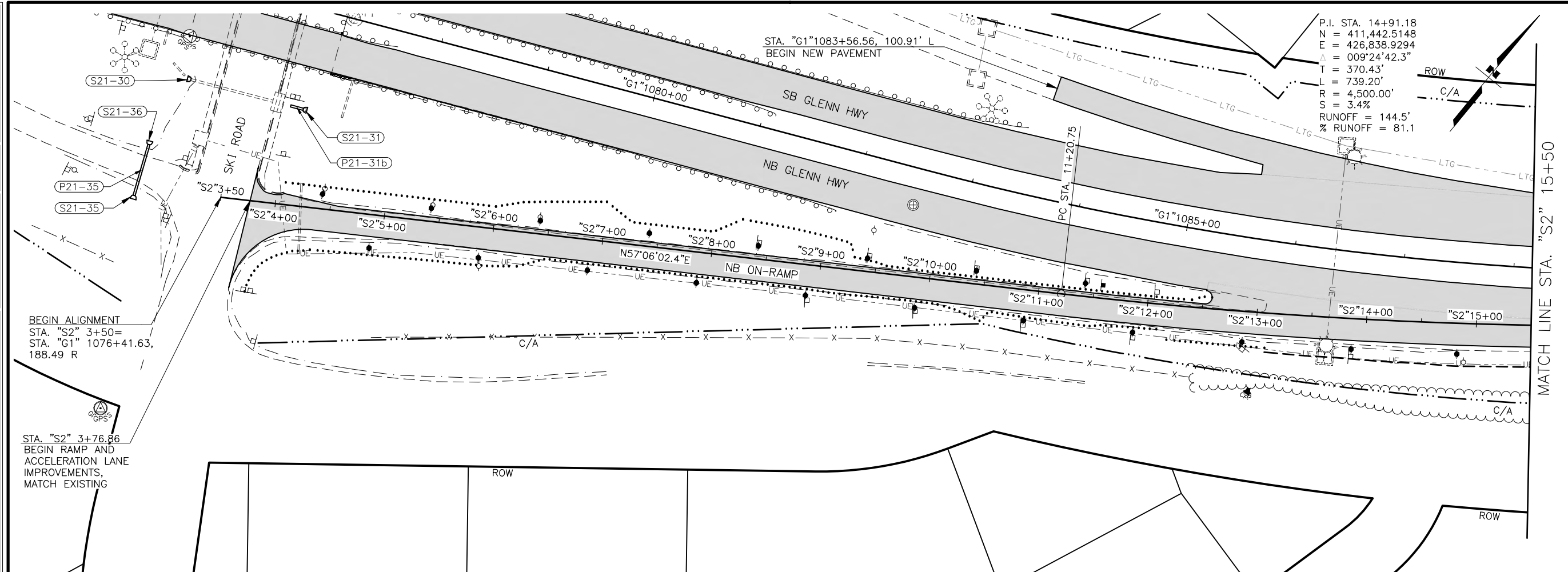
PIH
 8/29/2024

PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

**S. PETERS CREEK
 SB ON-RAMP
 PLAN & PROFILE**

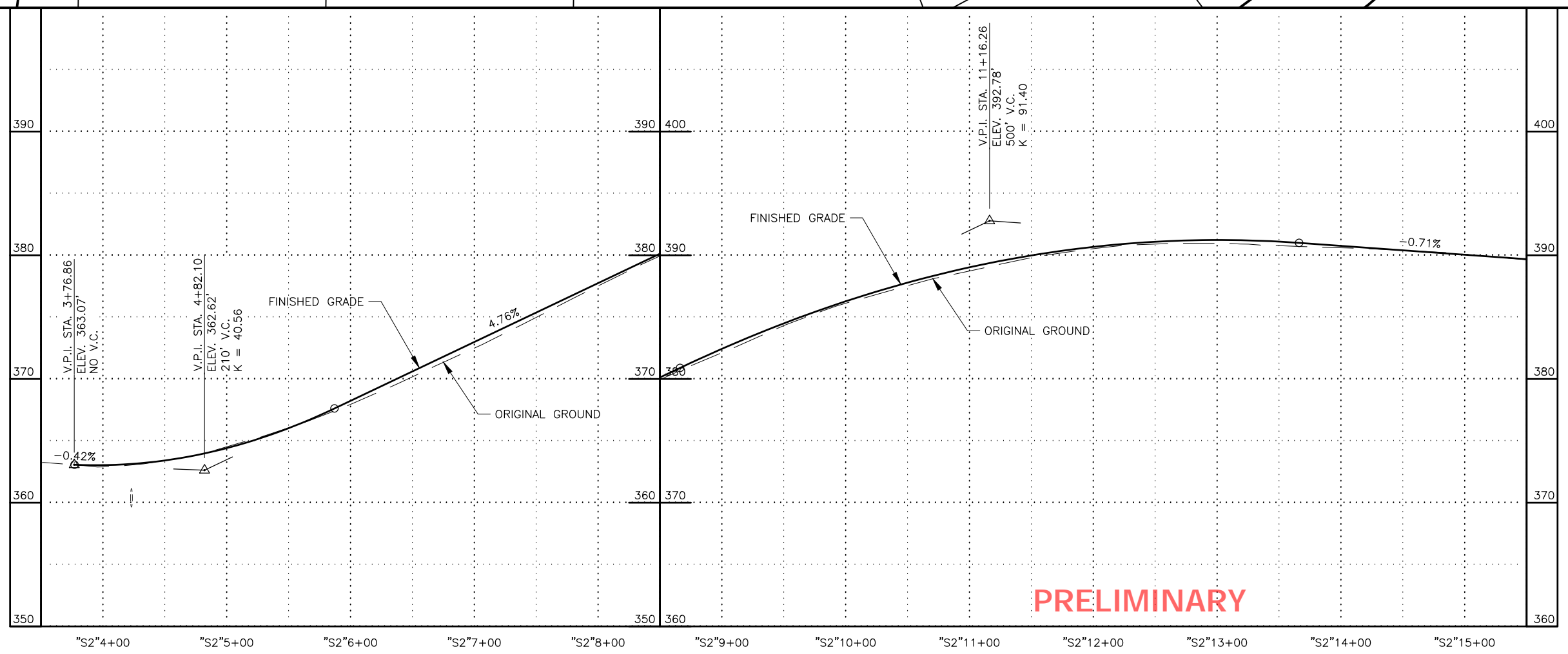
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 DESIGNED BY: [blank]
 CHECKED BY: [blank]
 DRAFTED BY: [blank]



P.I. STA. 14+91.18
 N = 411,442.5148
 E = 426,838.9294
 $\Delta = 009^{\circ}24'42.3"$
 T = 370.43'
 L = 739.20'
 R = 4,500.00'
 S = 3.4%
 RUNOFF = 144.5'
 % RUNOFF = 81.1

BEGIN ALIGNMENT
 STA. "S2" 3+50=
 STA. "G1" 1076+41.63,
 188.49 R

STA. "S2" 3+76.86
 BEGIN RAMP AND
 ACCELERATION LANE
 IMPROVEMENTS,
 MATCH EXISTING

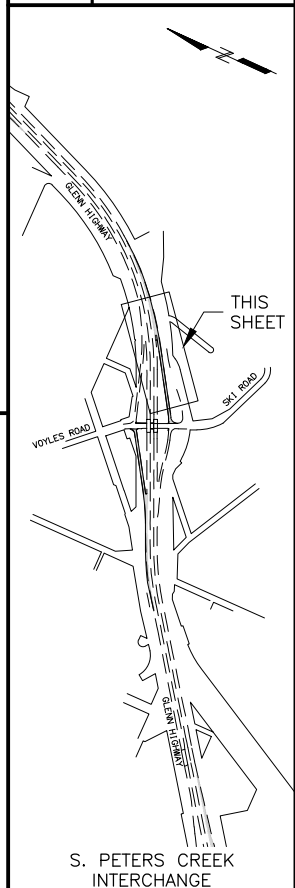


PRELIMINARY

SHEET NO.	TOTAL SHEETS
F71	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION



PIH

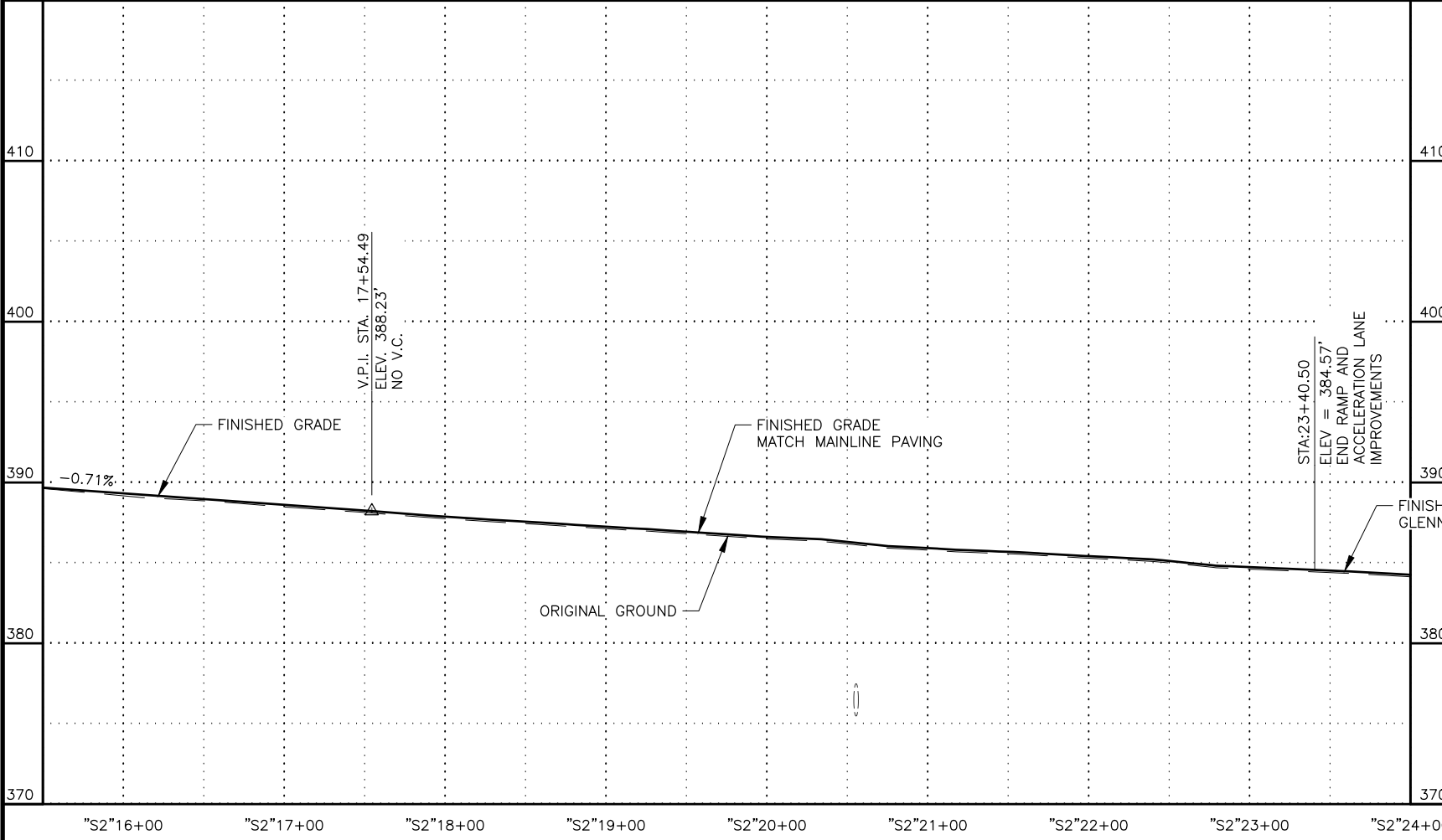
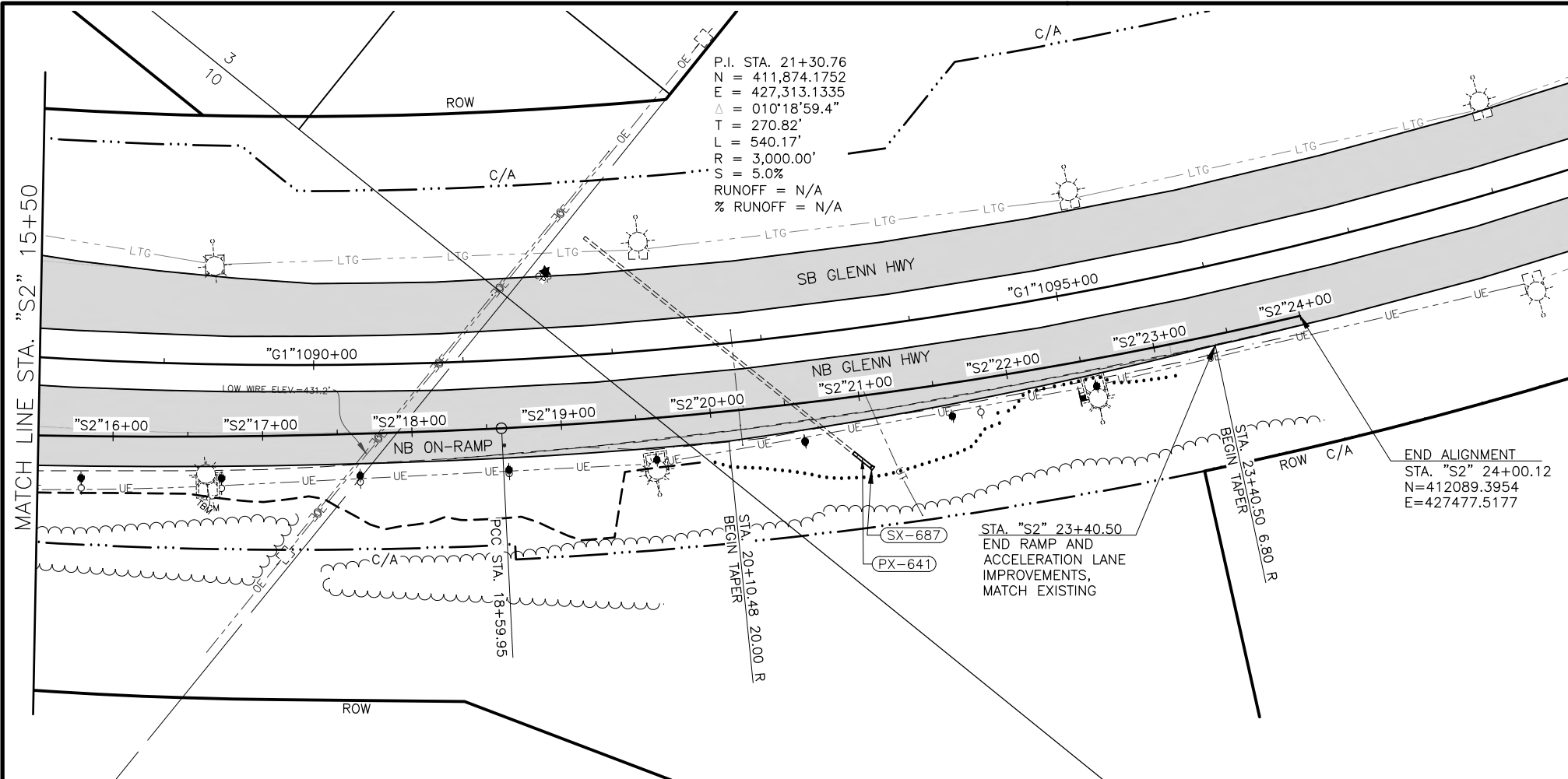
8/29/2024

PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

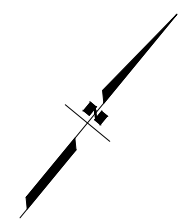
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

**S. PETERS CREEK
 NB ON-RAMP
 PLAN & PROFILE**

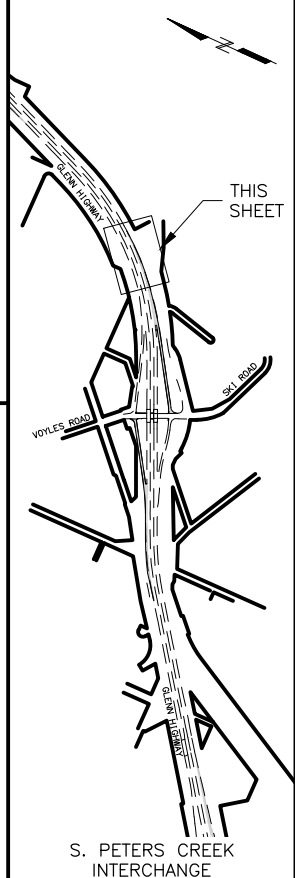
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 DESIGNED BY: [blank]
 CHECKED BY: [blank]
 DRAFTED BY: [blank]



PRELIMINARY



SHEET NO. F72	TOTAL SHEETS F84
STATE ALASKA	YEAR 2024
PROJECT DESIGNATION 0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



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8/29/2024

PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
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 (907) 346-2373
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STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

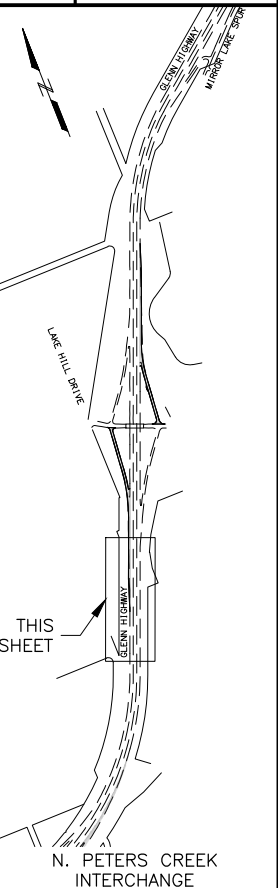
S. PETERS CREEK
 NB ON-RAMP
 PLAN & PROFILE

DESIGNED BY: [] CHECKED BY: [] DRAFTED BY: []
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 DATE: 8/29/2024 7:21 PM
 DRAWING LOCATION: Z:\PROJECTS\009777_GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\DWGS\00945_F70-F71_P&P_N_PETERS_CREEK_SB-ON.DWG

SHEET NO.	TOTAL SHEETS
F73	F84
STATE	YEAR
ALASKA	2024

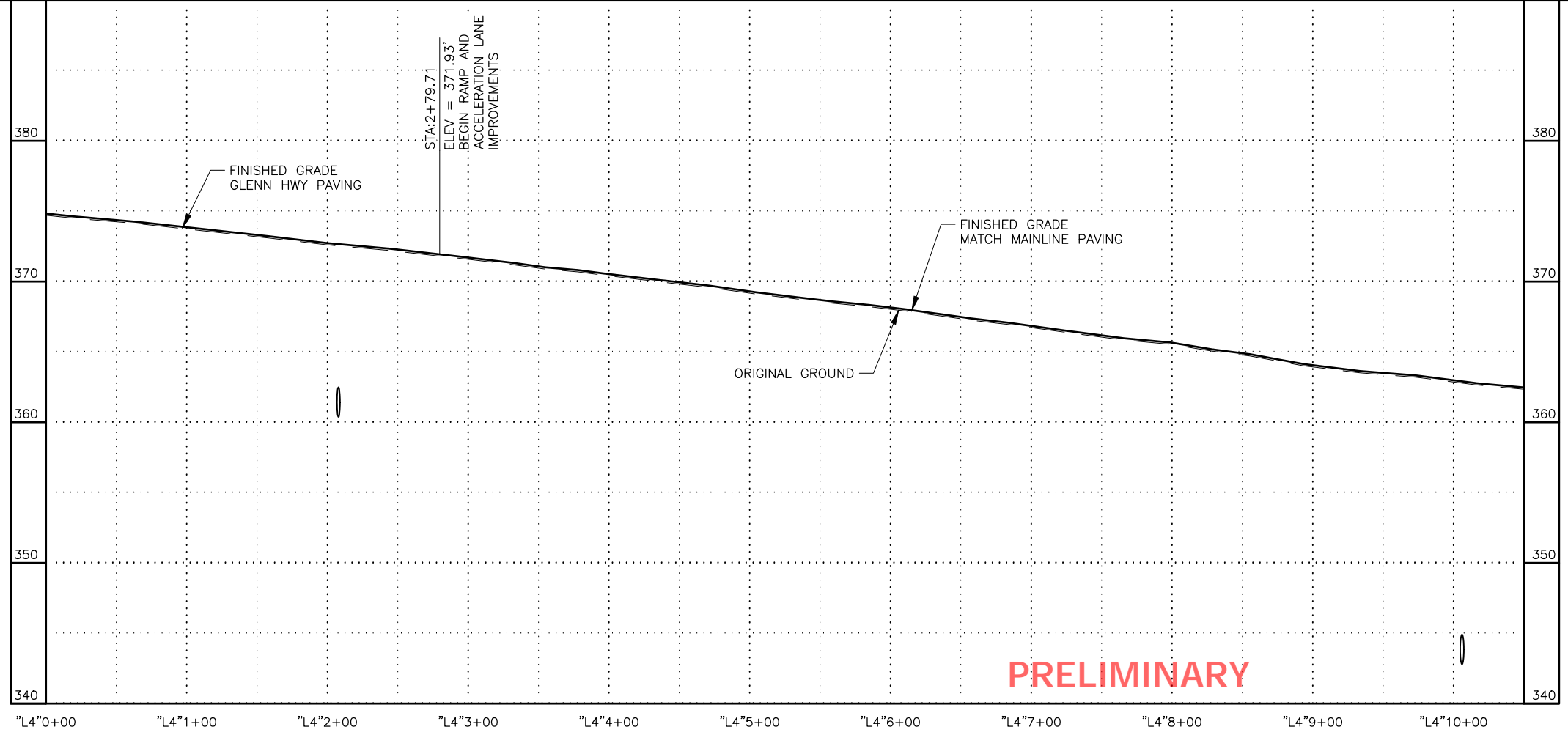
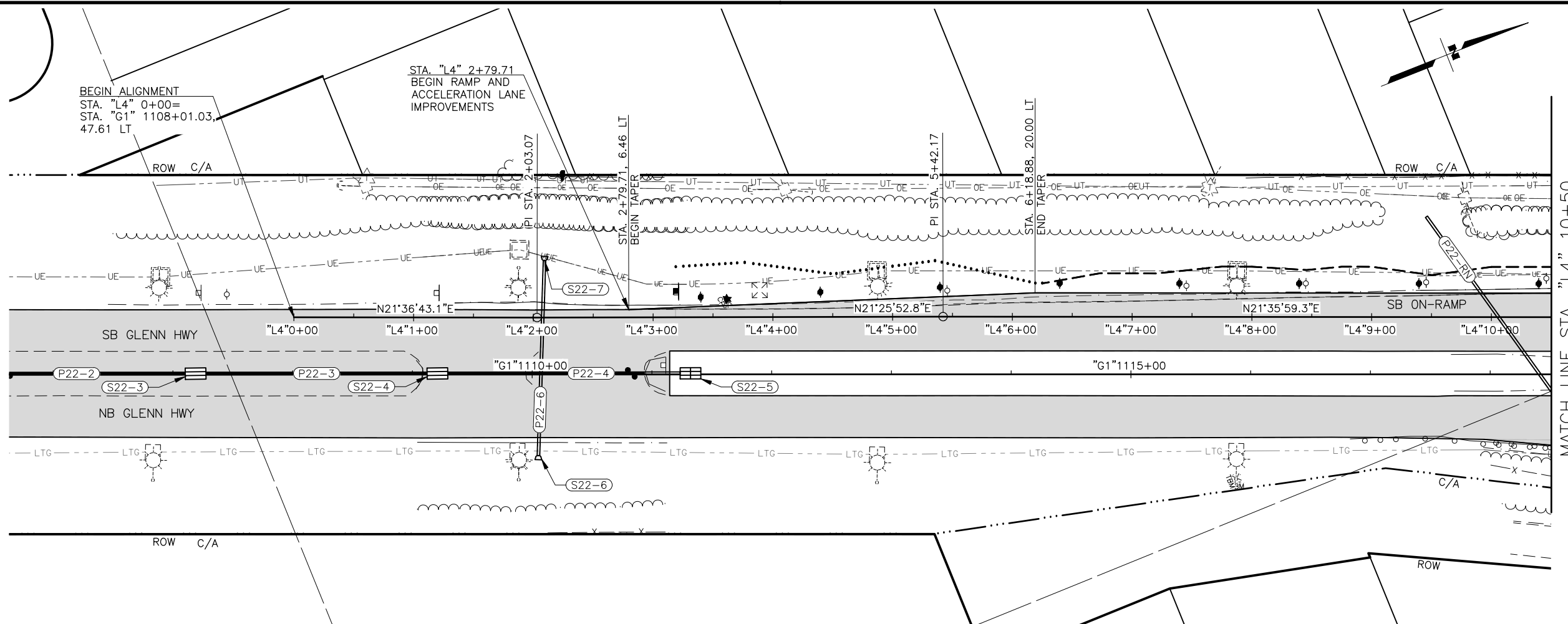
PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION

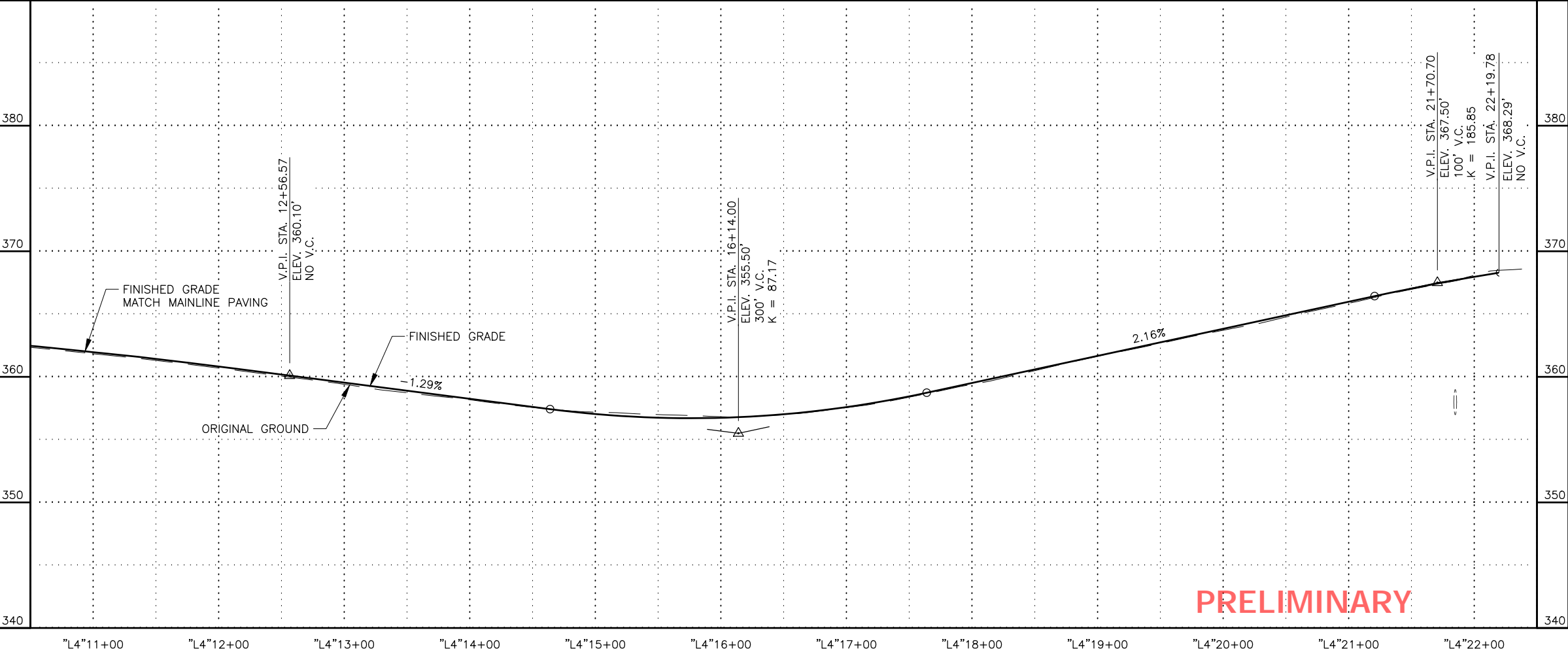
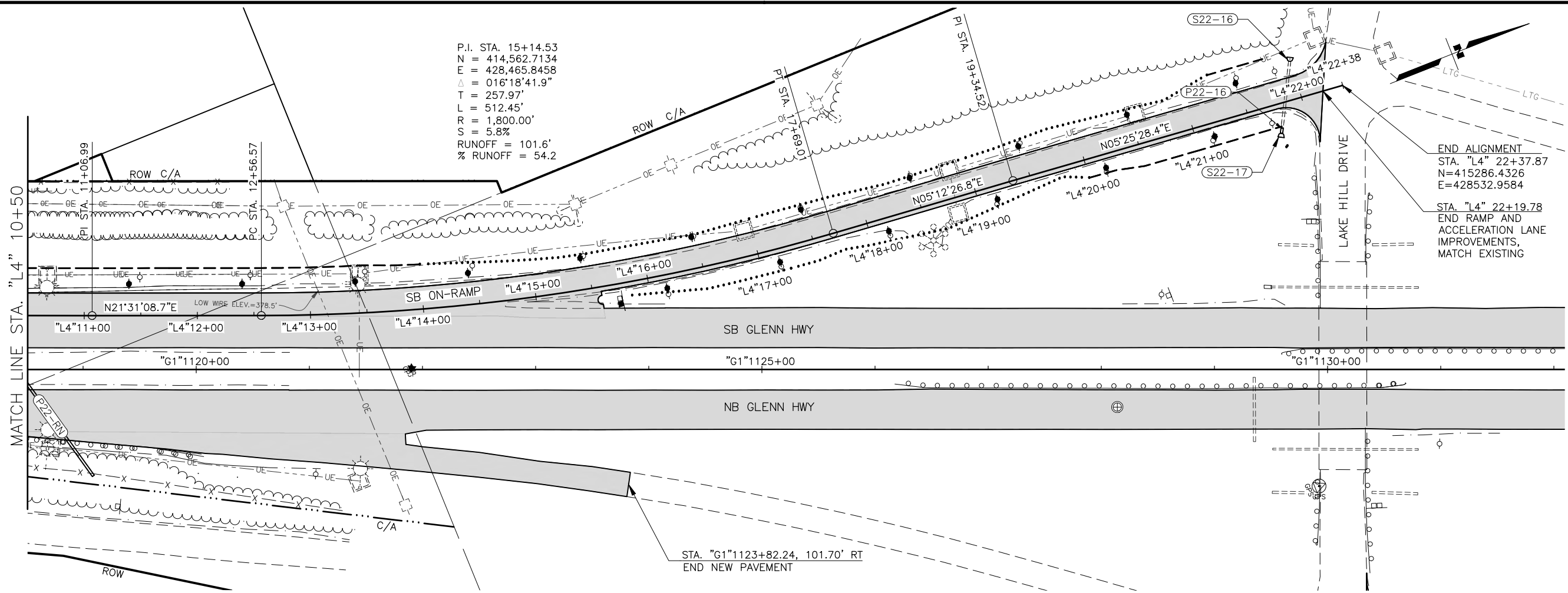


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 PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
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 (907) 346-2373
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STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**
**N. PETERS CREEK
 SB ON-RAMP
 PLAN & PROFILE**



P.I. STA. 15+14.53
 N = 414,562.7134
 E = 428,465.8458
 Δ = 016°18'41.9"
 T = 257.97'
 L = 512.45'
 R = 1,800.00'
 S = 5.8%
 RUNOFF = 101.6'
 % RUNOFF = 54.2

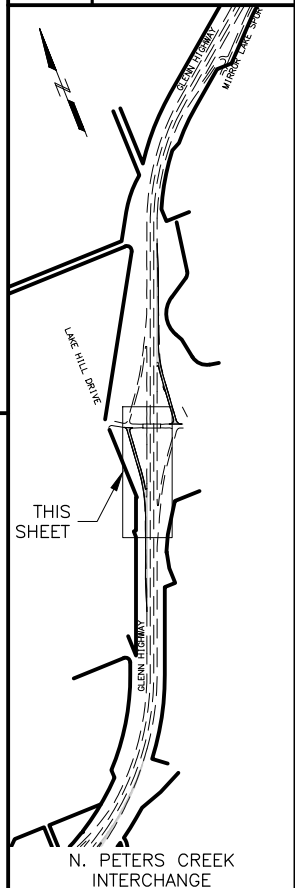


PRELIMINARY

SHEET NO.	TOTAL SHEETS
F74	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION



PIH
 8/29/2024

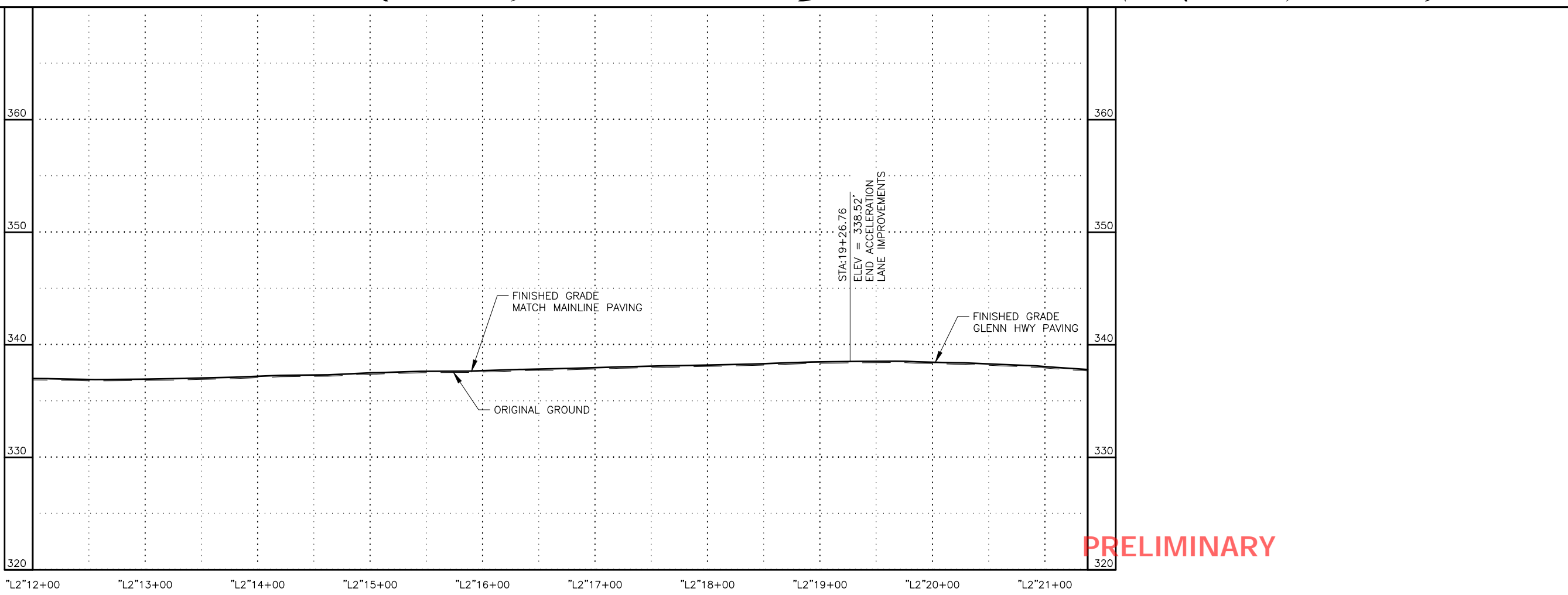
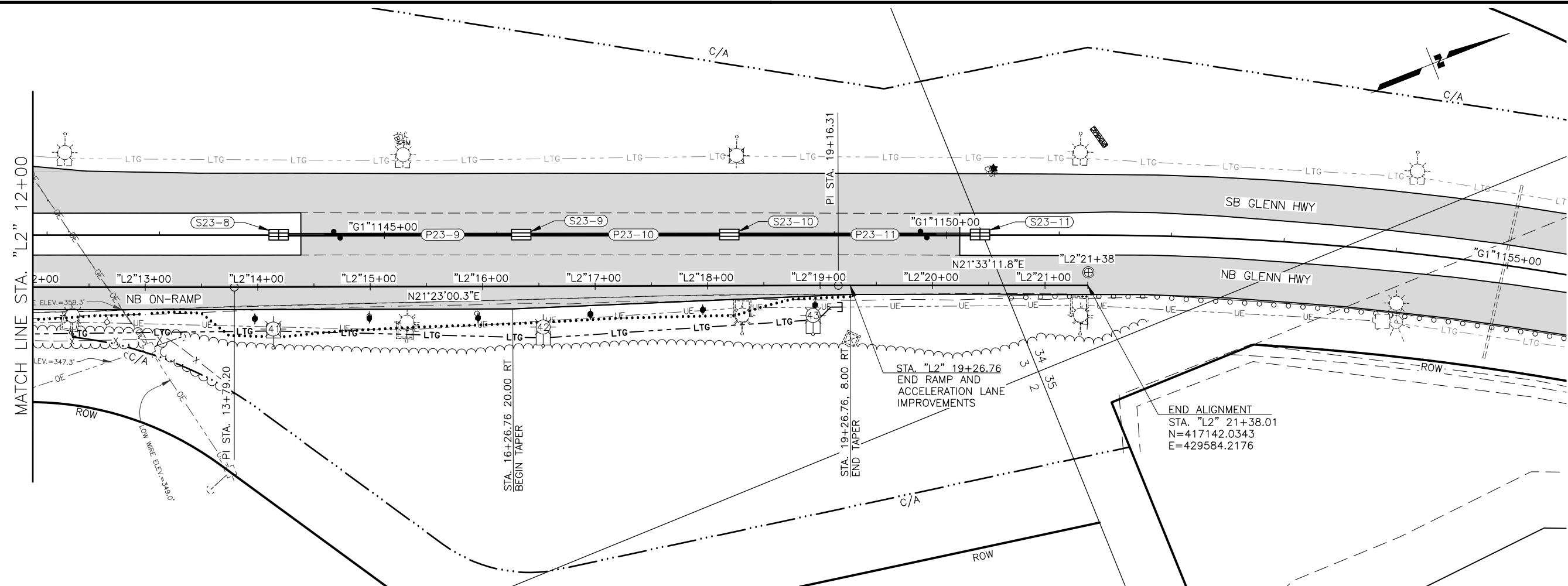
PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

**N. PETERS CREEK
 SB ON-RAMP
 PLAN & PROFILE**

DRAWING LOCATION: Z:\PROJECTS\00977 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00945-F70-F71-P&P-N_PETERS_CREEK_SB-ON.DWG
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 CHECKED BY: [blank]
 DRAFTED BY: [blank]

DRAWING LOCATION: Z:\PROJECTS\009777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00945_F72-F73_P&P_N_PETERS_CREEK_NB_ON.DWG
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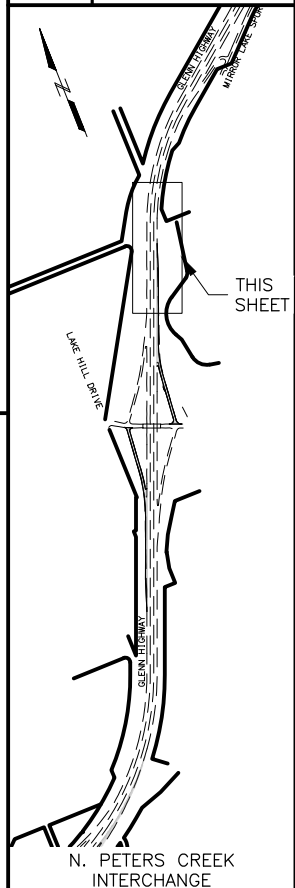


PRELIMINARY

SHEET NO.	TOTAL SHEETS
F76	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION



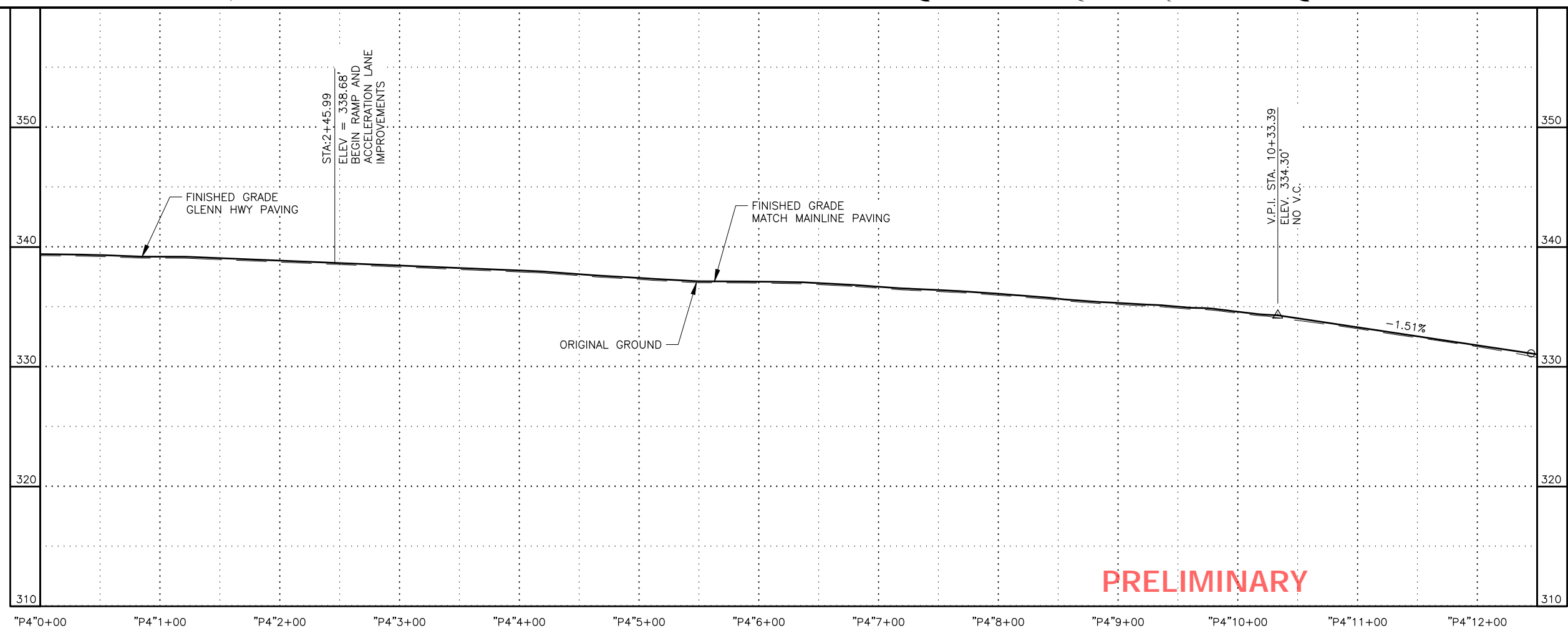
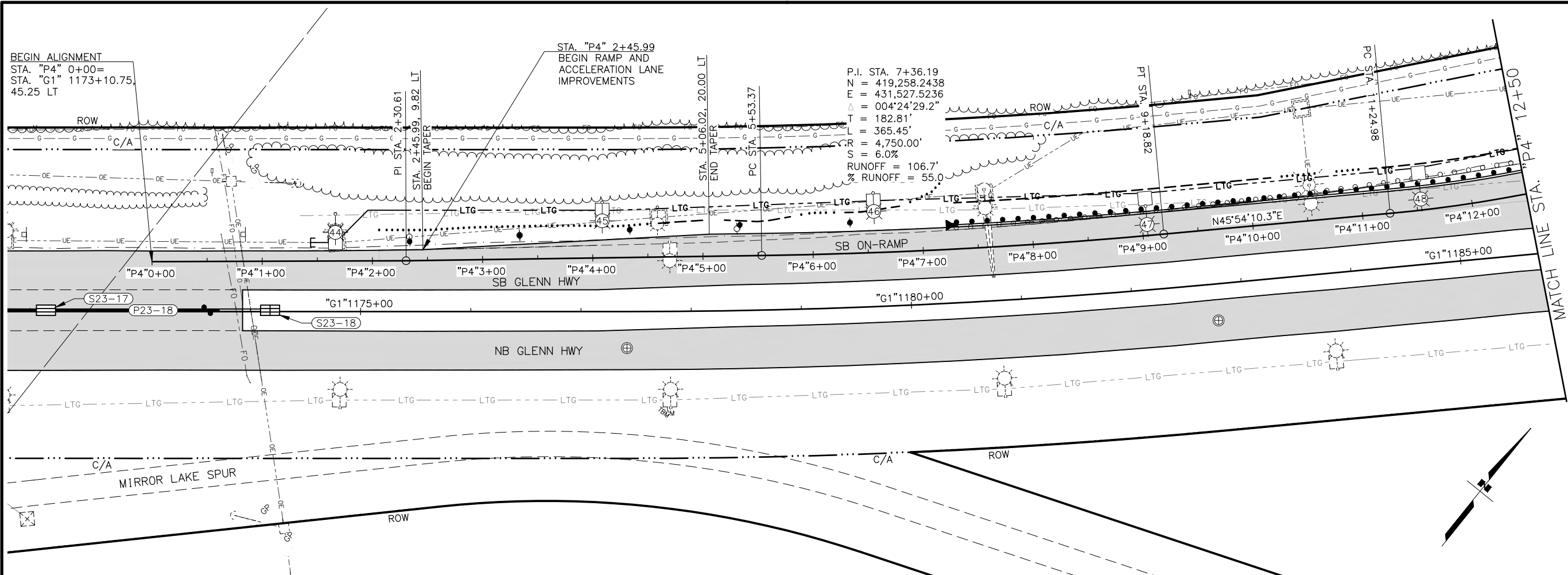
PIH
 8/29/2024

PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
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STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

**N. PETER'S CREEK
 NB ON-RAMP
 PLAN & PROFILE**

DESIGNED BY: [] CHECKED BY: [] DRAFTED BY: []
 SCALE: 1" = 40'
 DATE: 8/29/2024 TIME: 7:26 PM
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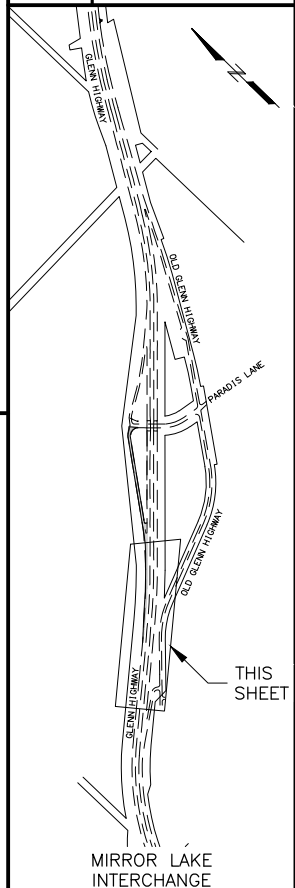


PRELIMINARY

SHEET NO. F77	TOTAL SHEETS F84
STATE ALASKA	YEAR 2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION



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8/29/2024

PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
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 (907) 346-2373
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STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

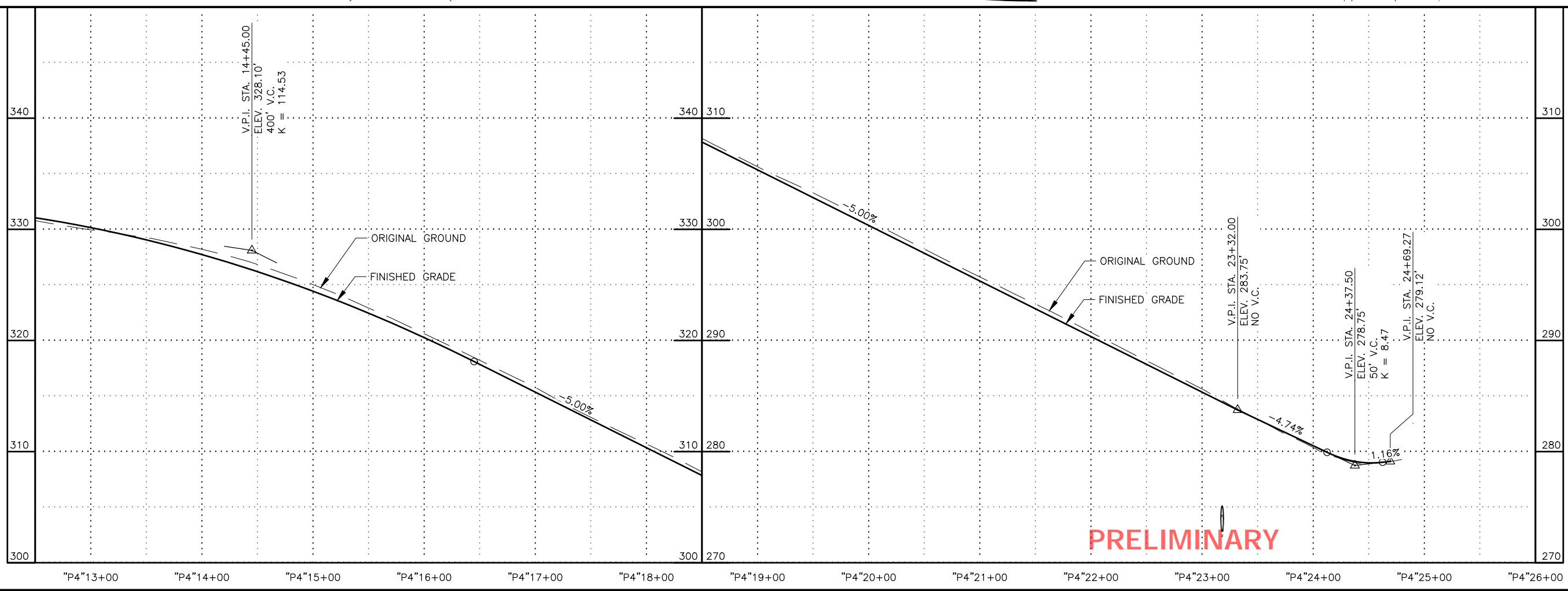
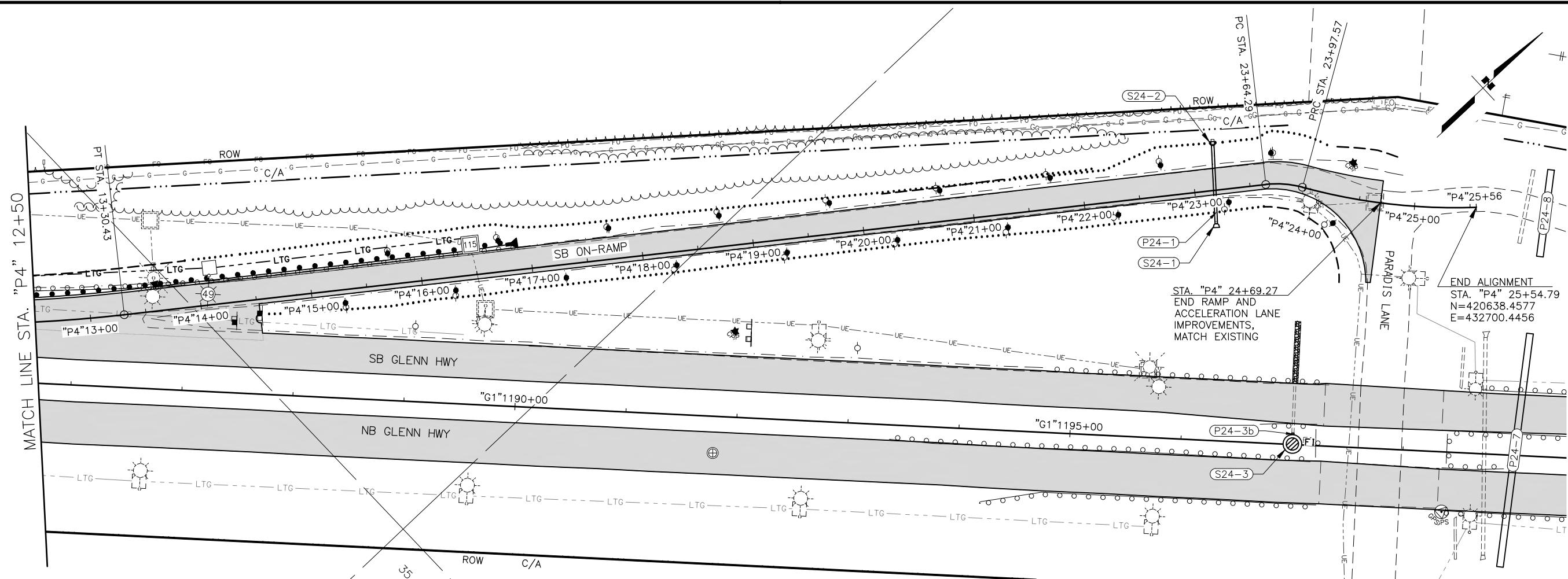
**MIRROR LAKE
 SB ON-RAMP
 PLAN & PROFILE**

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 DRAFTED BY: []
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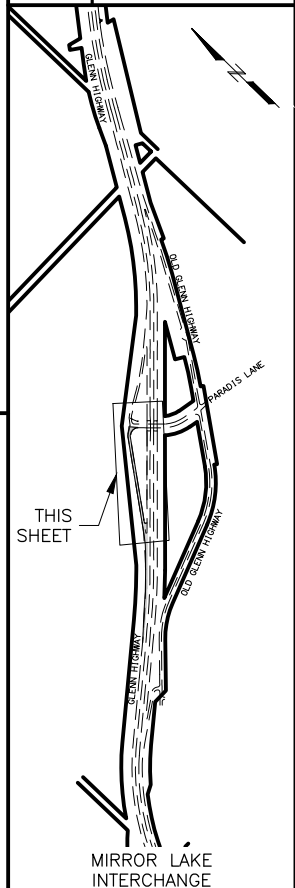
SHEET NO.	TOTAL SHEETS
F78	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION



PRELIMINARY



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 8/29/2024

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 KINNEY ENGINEERING, LLC
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STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

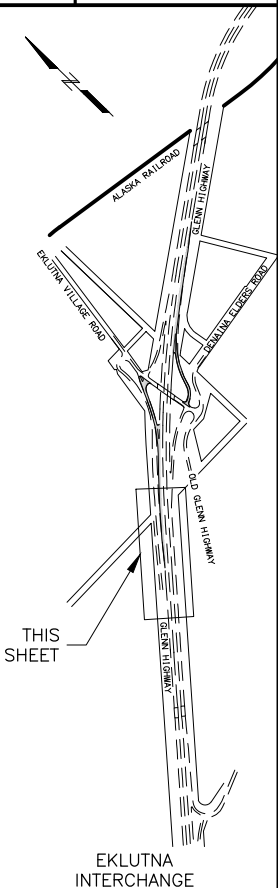
**MIRROR LAKE
 SB ON-RAMP
 PLAN & PROFILE**

DESIGNED BY: _____ CHECKED BY: _____ DRAFTED BY: _____
 SCALE: "X" = XX'
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SHEET NO.	TOTAL SHEETS
F79	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

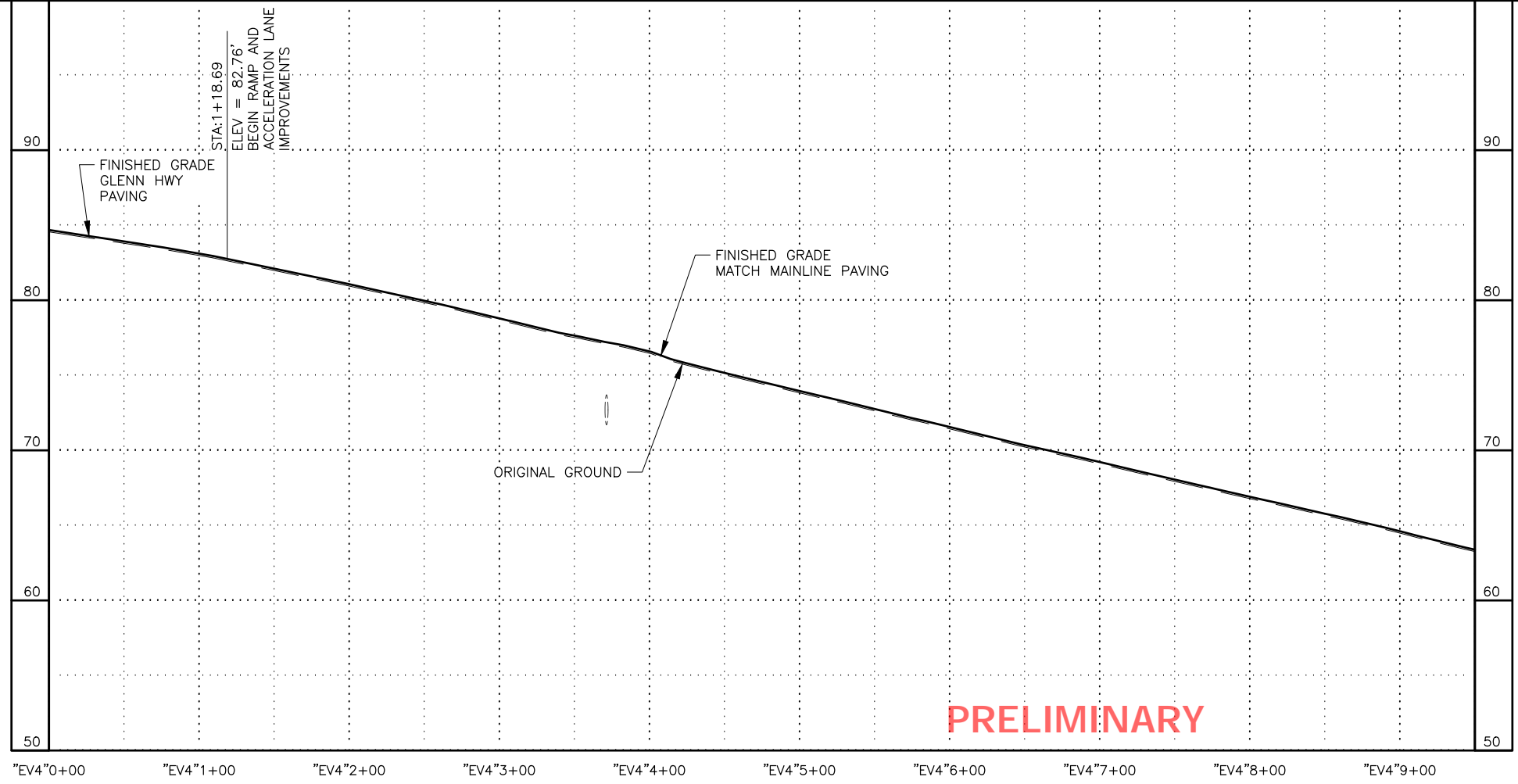
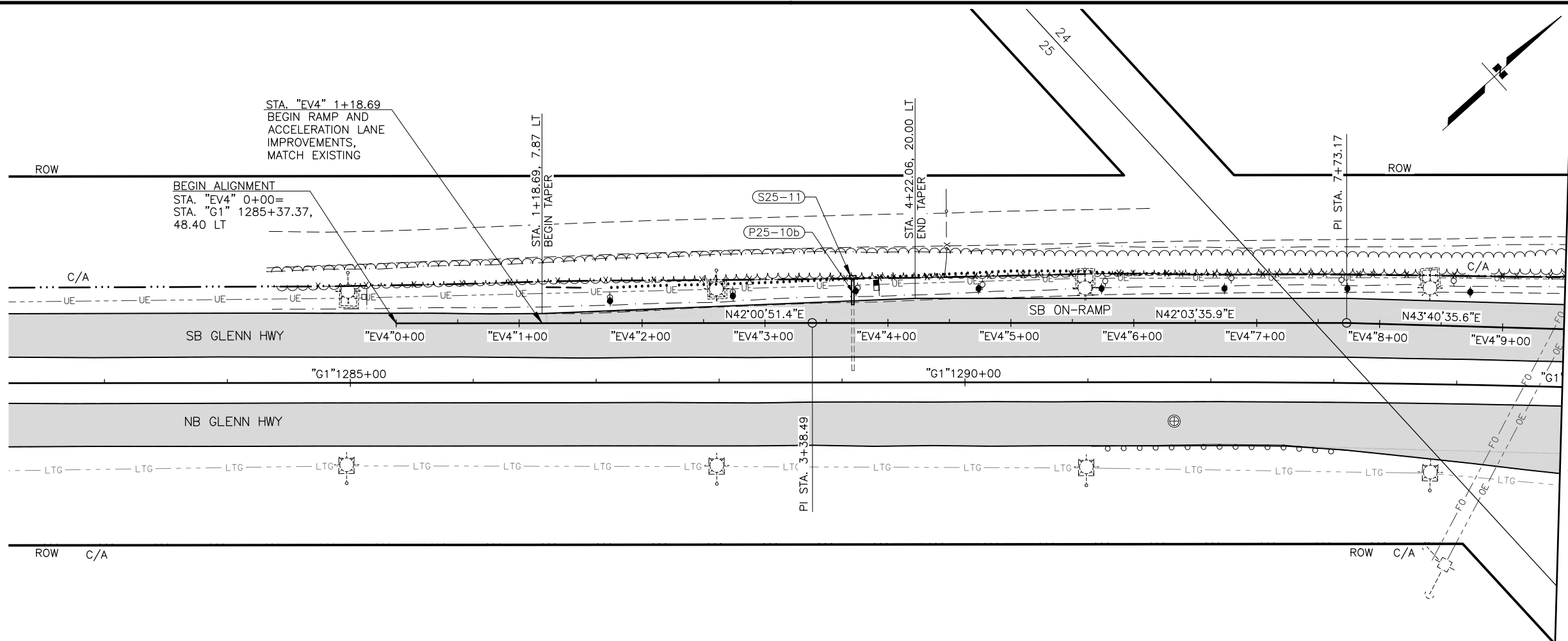
NO.	REVISION



8/29/2024
 PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
 CERT. OF AUTH. NO. AECL 1102

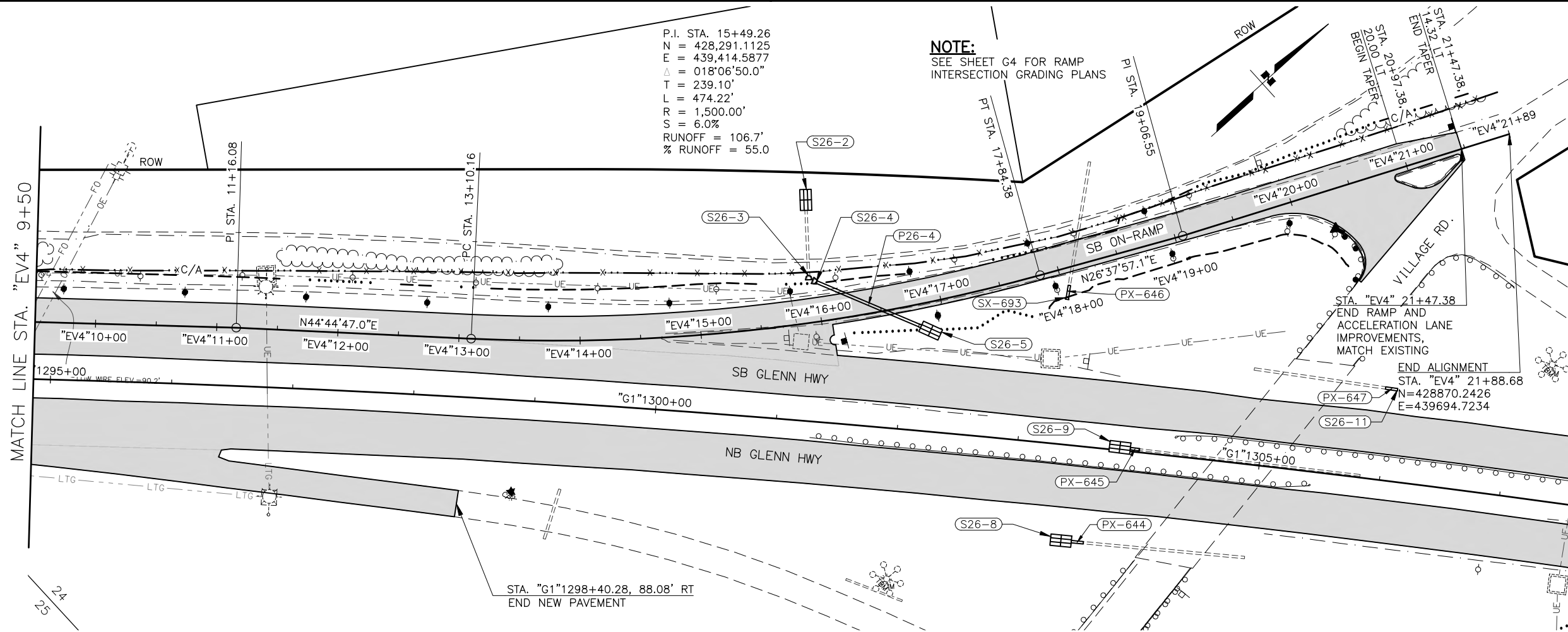
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

**EKLUTNA
 SB ON-RAMP
 PLAN & PROFILE**



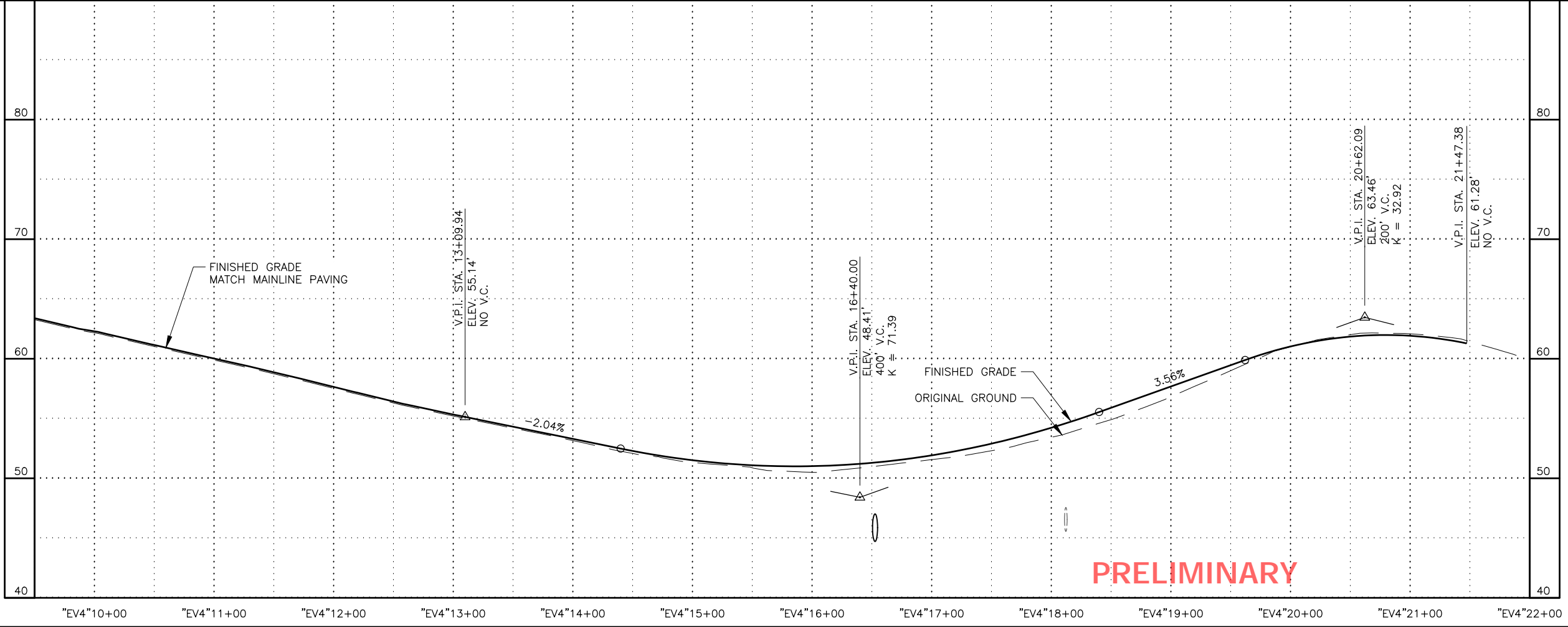
PRELIMINARY

DESIGNED BY: [] CHECKED BY: [] DRAFTED BY: []
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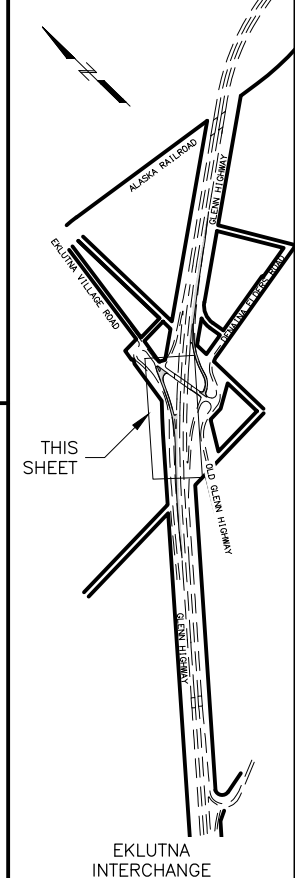
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 E = 439,414.5877
 $\Delta = 018^{\circ}06'50.0''$
 T = 239.10'
 L = 474.22'
 R = 1,500.00'
 S = 6.0%
 RUNOFF = 106.7'
 % RUNOFF = 55.0

NOTE:
 SEE SHEET G4 FOR RAMP
 INTERSECTION GRADING PLANS



PRELIMINARY

SHEET NO.	TOTAL SHEETS
F80	F84
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



PIH
 8/29/2024

PLANS DEVELOPED BY:
 KINNEY ENGINEERING, LLC
 3909 Arctic Blvd, Suite 400
 ANCHORAGE, AK 99503
 (907) 346-2373
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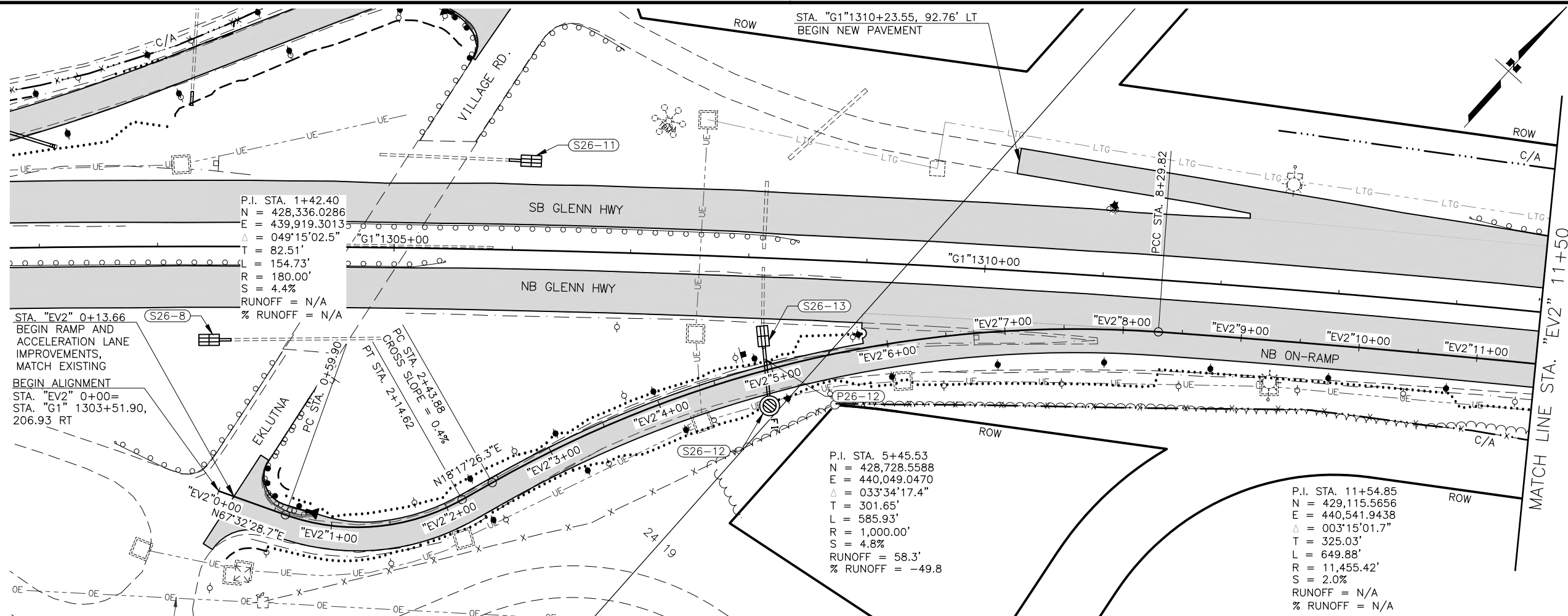
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

**EKLUTNA
 SB ON-RAMP
 PLAN & PROFILE**

DESIGNED BY: []
 CHECKED BY: []
 DRAFTED BY: []

SCALE: "X" = "XX"
 DATE: 8/29/2024
 TIME: 7:32 PM

DRAWING LOCATION: Z:\PROJECTS\009777_GLENN_HWY_AIRPORT_HTS_TO_PARKS\DWGS\C\SHEETS\00945_F78-F79_P&P_EKLUTNA_NB-ON.RWG

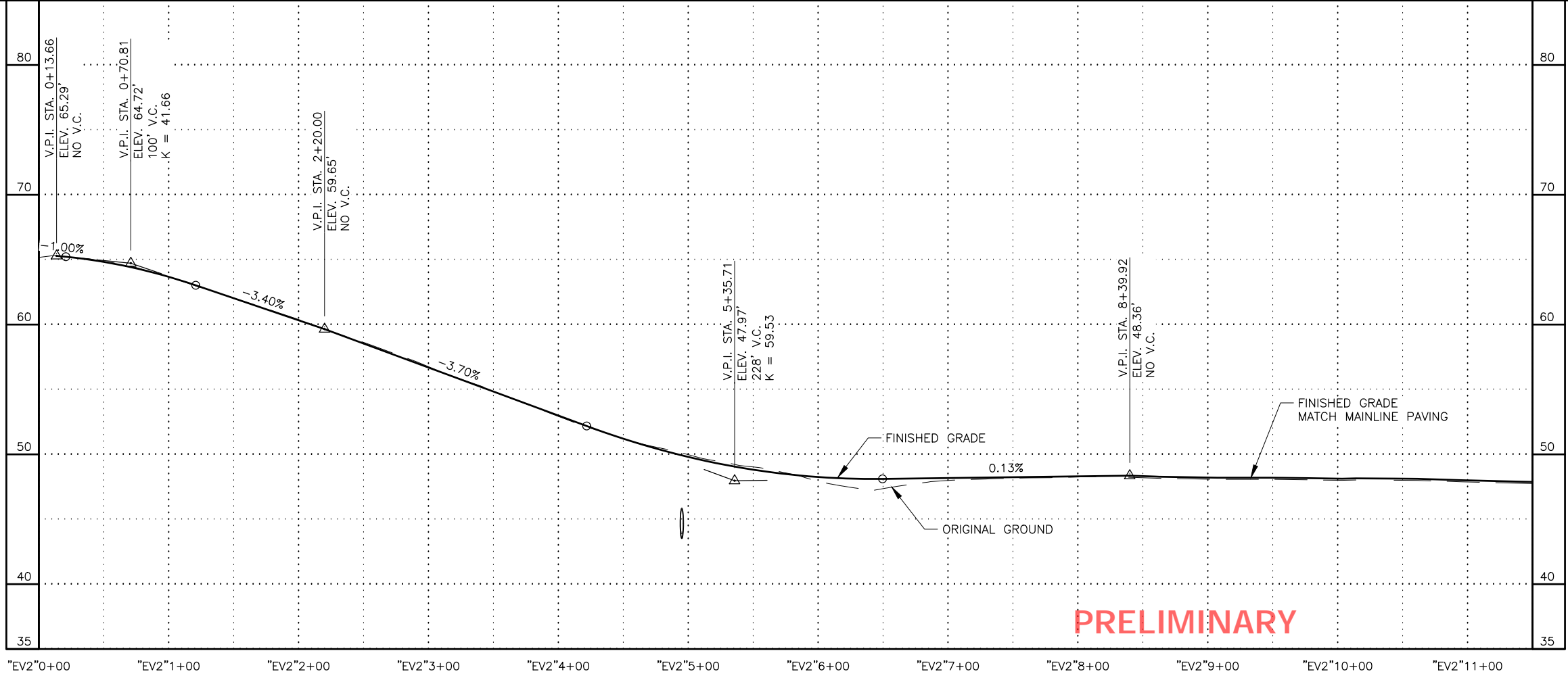


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 E = 439,919.3013
 $\Delta = 049^{\circ}15'02.5"$
 T = 82.51'
 L = 154.73'
 R = 180.00'
 S = 4.4%
 RUNOFF = N/A
 % RUNOFF = N/A

STA. "EV2" 0+13.66
 BEGIN RAMP AND
 ACCELERATION LANE
 IMPROVEMENTS,
 MATCH EXISTING
 BEGIN ALIGNMENT
 STA. "EV2" 0+00=
 STA. "G1" 1303+51.90,
 206.93 RT

P.I. STA. 5+45.53
 N = 428,728.5588
 E = 440,049.0470
 $\Delta = 033^{\circ}34'17.4"$
 T = 301.65'
 L = 585.93'
 R = 1,000.00'
 S = 4.8%
 RUNOFF = 58.3'
 % RUNOFF = -49.8

P.I. STA. 11+54.85
 N = 429,115.5656
 E = 440,541.9438
 $\Delta = 003^{\circ}15'01.7"$
 T = 325.03'
 L = 649.88'
 R = 11,455.42'
 S = 2.0%
 RUNOFF = N/A
 % RUNOFF = N/A

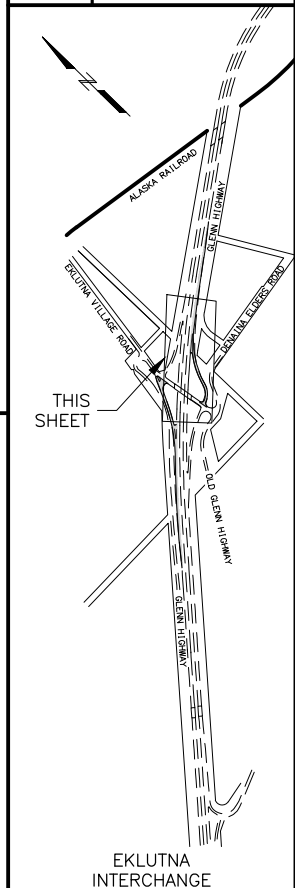


PRELIMINARY

SHEET NO.	TOTAL SHEETS
F81	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION



PIH

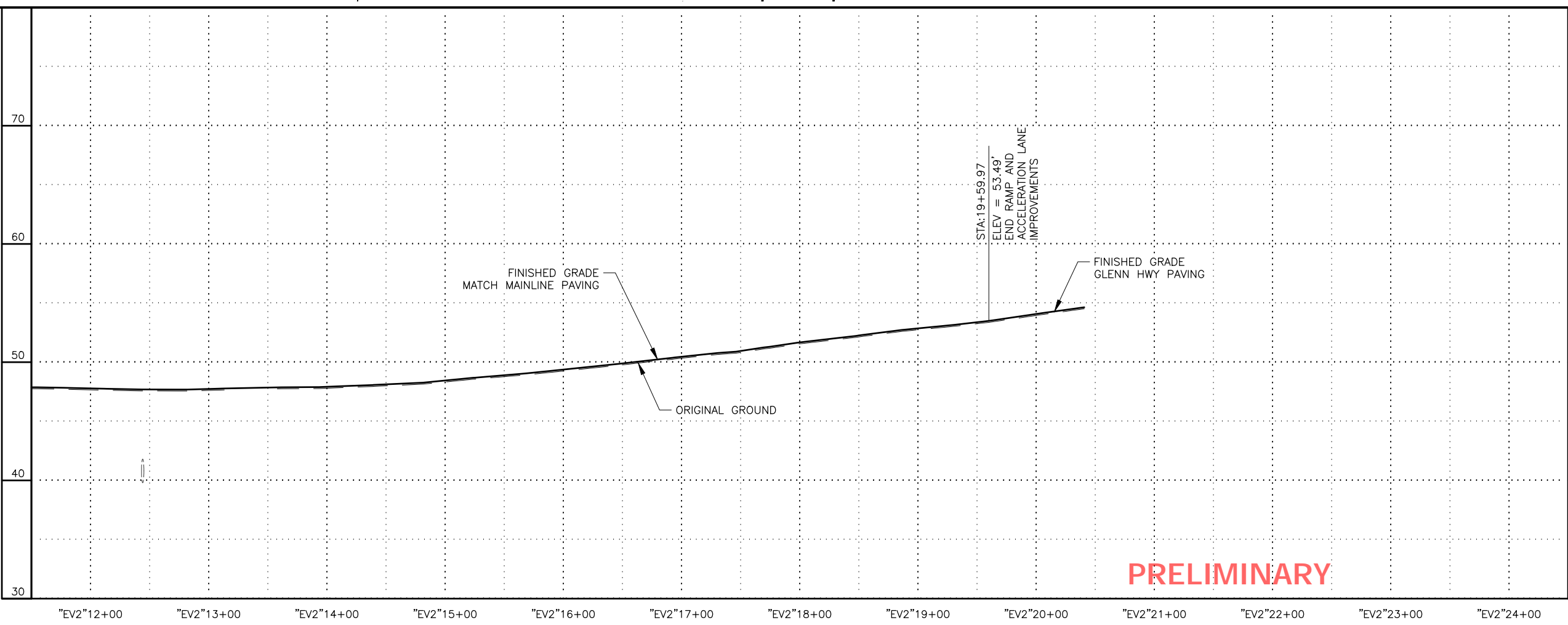
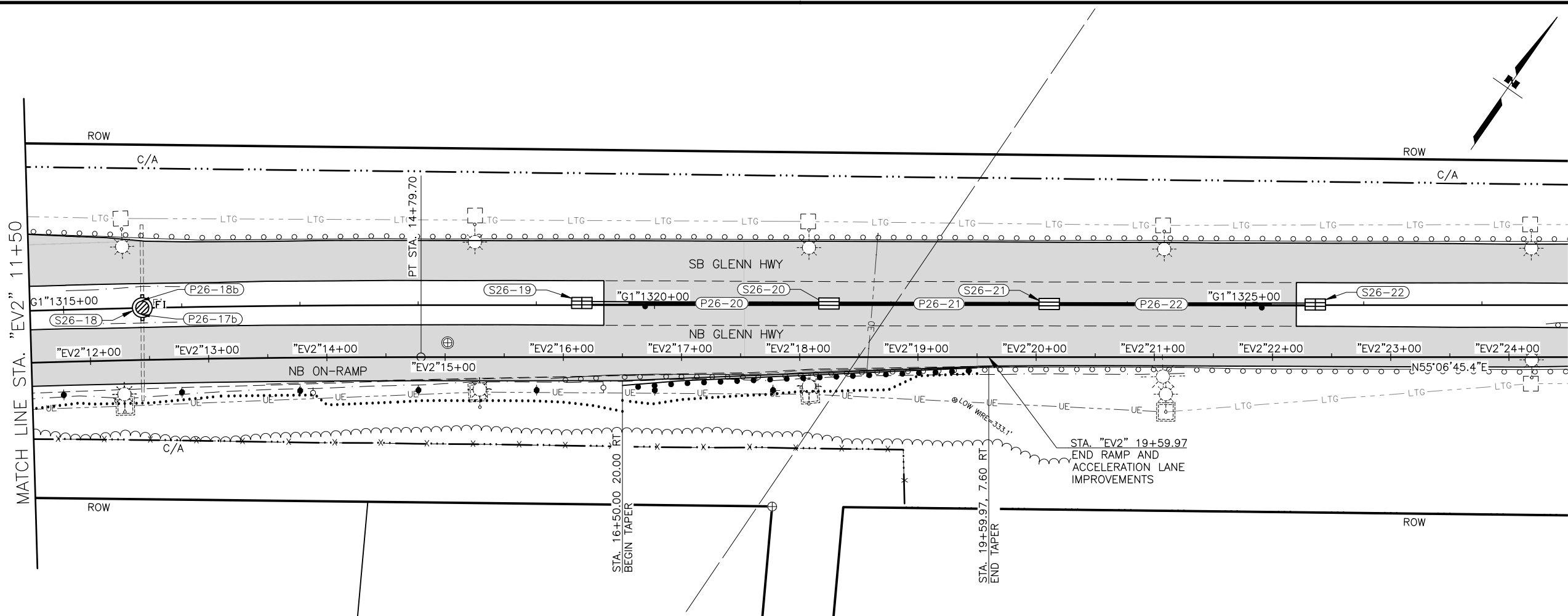
8/29/2024

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STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

**EKLUTNA
 NB ON-RAMP
 PLAN & PROFILE**

DESIGNED BY: [] CHECKED BY: [] DRAFTED BY: []
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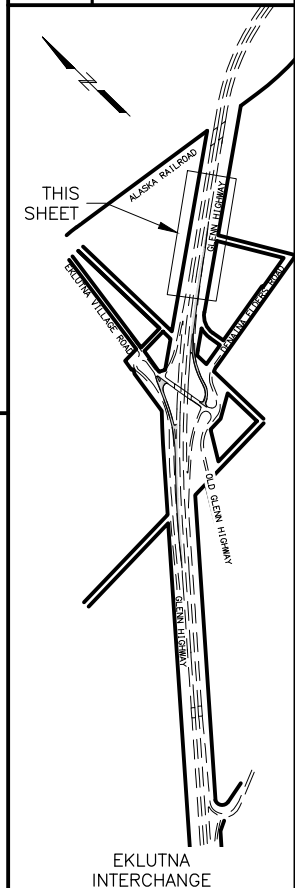


PRELIMINARY

SHEET NO.	TOTAL SHEETS
F82	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION



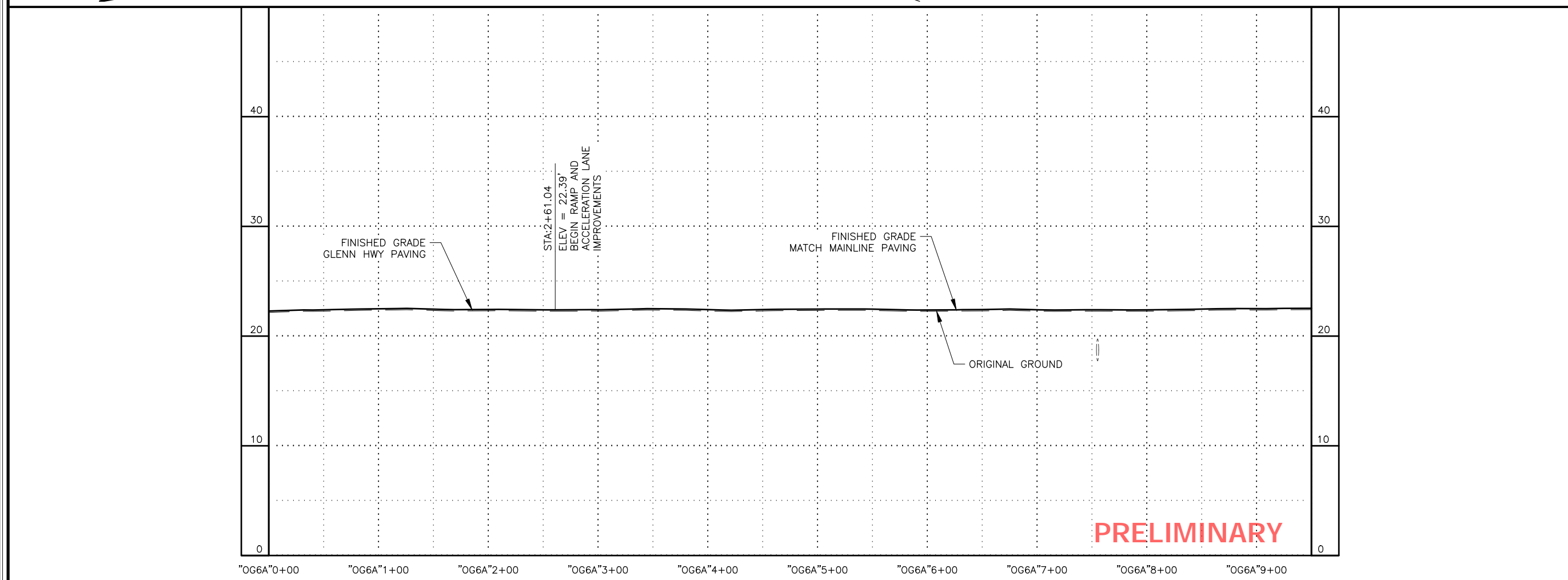
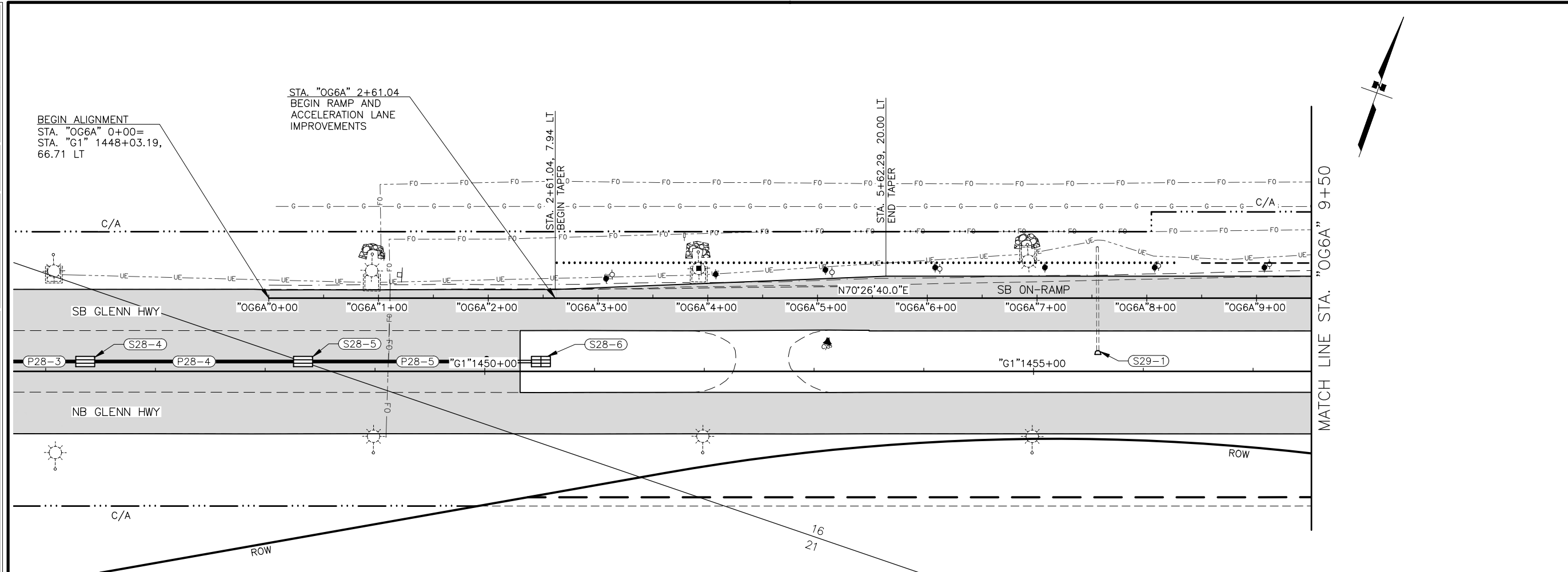
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 8/29/2024

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 KINNEY ENGINEERING, LLC
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 (907) 346-2373
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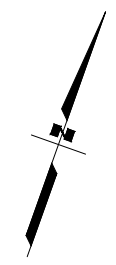
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

**EKLUTNA
 NB ON-RAMP
 PLAN & PROFILE**

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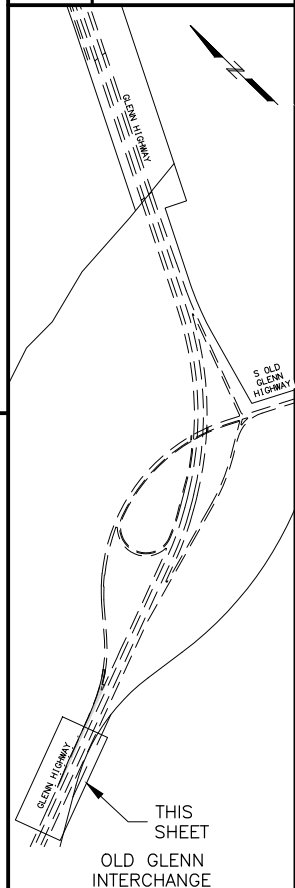
PRELIMINARY



SHEET NO. F83	TOTAL SHEETS F84
STATE ALASKA	YEAR 2024

PROJECT DESIGNATION
**0001656/
CFHWY00545**

NO.	REVISION



PIH

8/29/2024

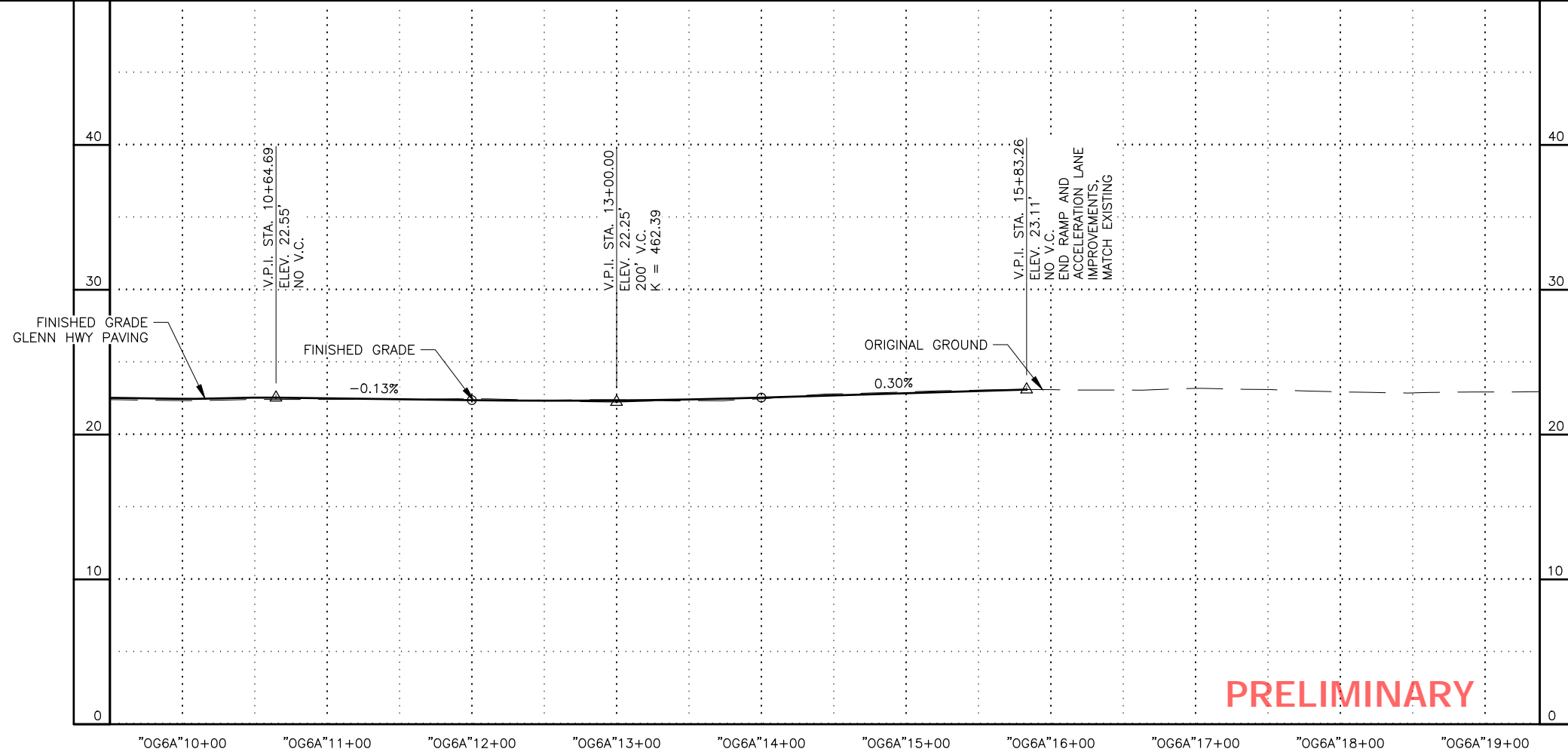
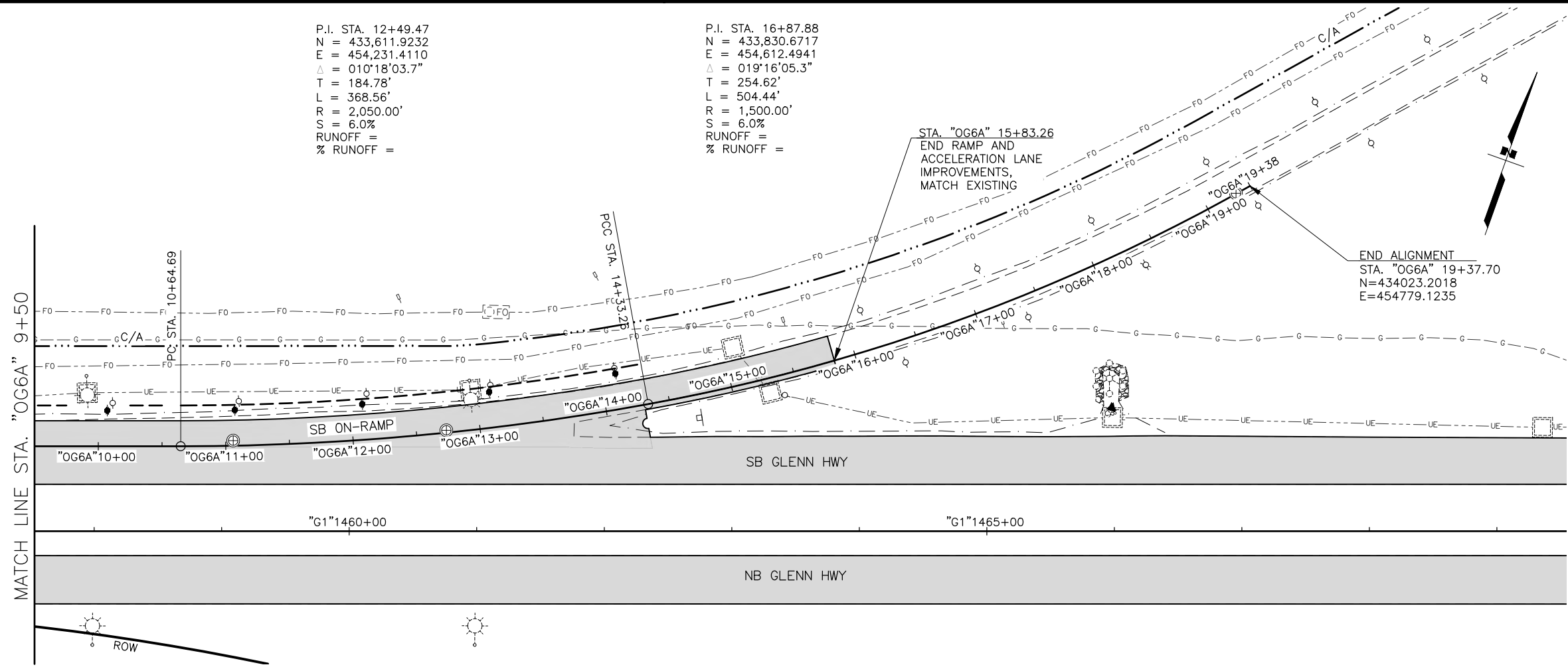
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STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

OLD GLENN
 SB ON-RAMP
 PLAN & PROFILE

P.I. STA. 12+49.47
 N = 433,611.9232
 E = 454,231.4110
 Δ = 010°18'03.7"
 T = 184.78'
 L = 368.56'
 R = 2,050.00'
 S = 6.0%
 RUNOFF =
 % RUNOFF =

P.I. STA. 16+87.88
 N = 433,830.6717
 E = 454,612.4941
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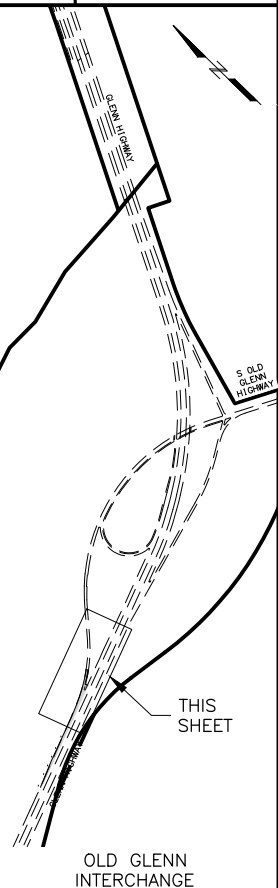


PRELIMINARY

SHEET NO.	TOTAL SHEETS
F84	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION
**0001656/
 CFHWY00545**

NO.	REVISION



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8/29/2024

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STATE OF ALASKA
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**GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION**

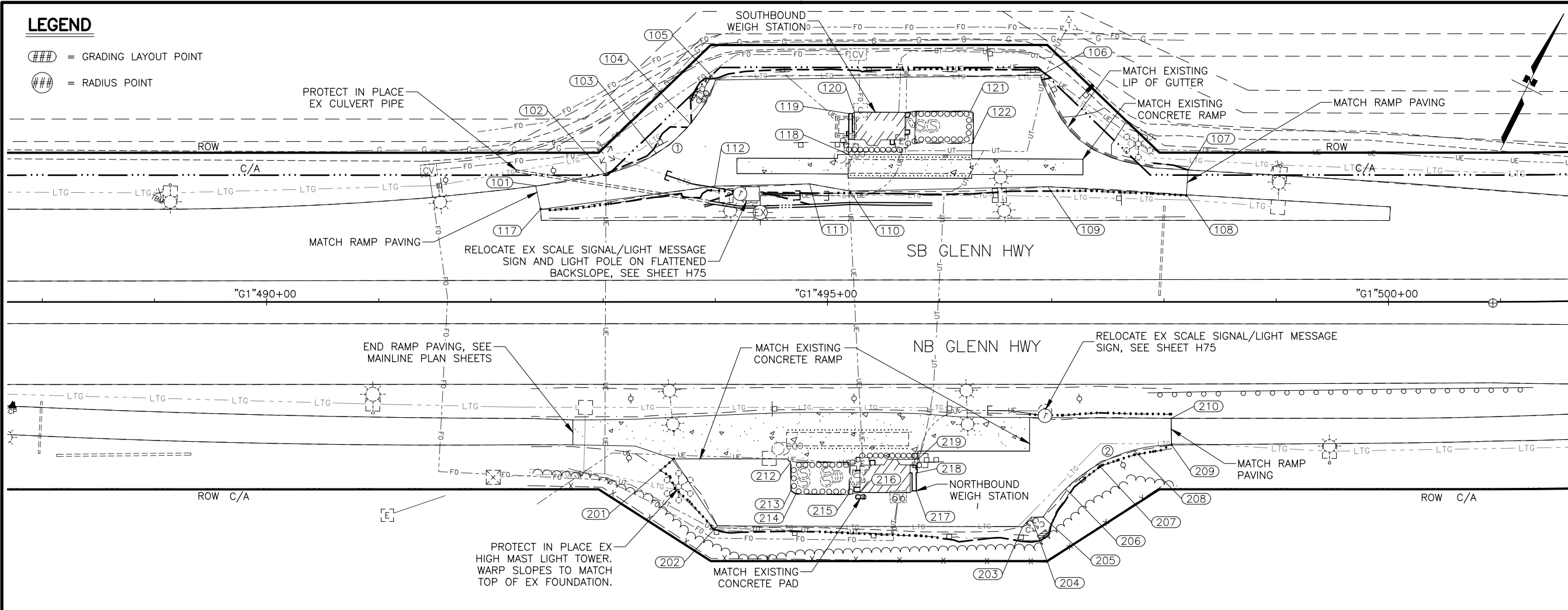
**OLD GLENN
 SB ON-RAMP
 PLAN & PROFILE**

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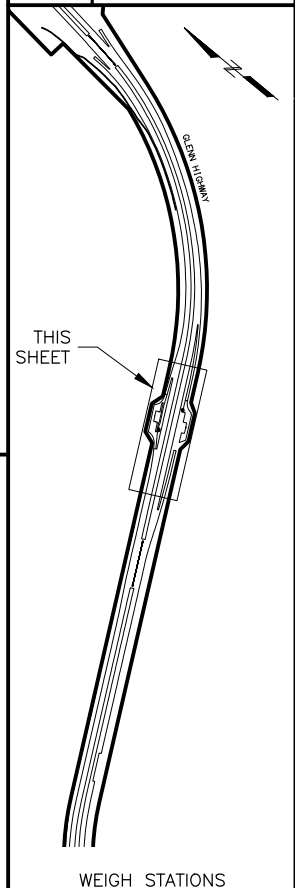
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LEGEND

- ### = GRADING LAYOUT POINT
- ### = RADIUS POINT



SHEET NO.	TOTAL SHEETS
G1	G4
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



SOUTHBOUND WEIGH STATION LOT GRADING TABLE

PNT	STATION	OFFSET	ELEV	REMARKS
101	492+41.27	103.37' LT	479.8±	PI, SAWCUT ME
102	493+01.21	114.23' LT	481.80	PC
103	493+47.50	132.26' LT	483.30	VPI
104	493+77.71	158.64' LT	483.60	VPI
105	494+00.18	197.70' LT	483.50	PI
106	496+90.22	201.89' LT	483.50	PI
107	498+21.47	117.56' LT	486.5±	PI, SAWCUT ME
108	498+19.99	95.39' LT	487.1±	PI, SAWCUT ME
109	496+96.54	102.62' LT	484.00	PI
110	495+20.10	98.77' LT	484.30	PI
111	494+84.07	105.16' LT	484.10	PI
112	493+99.46	103.15' LT	484.00	PI
117	492+44.22	82.50' LT	480.29	PI, SAWCUT ME
118	495+18.74	131.33' LT	480.3±	PI, ASPHALT EDGE
119	495+19.03	167.86' LT	484.41	PI, ASPHALT EDGE
120	495+24.07	169.24' LT	484.40	PI, ASPHALT EDGE
121	496+27.47	169.97' LT	483.87	PI, ASPHALT EDGE
122	496+28.63	141.10' LT	484.15	PI, ASPHALT EDGE

SOUTHBOUND WEIGH STATION RADIUS POINT TABLE

PNT	STATION	OFFSET	RADIUS (FT)
1	492+78.04	242.15 L	130

NORTHBOUND WEIGH STATION LOT GRADING TABLE

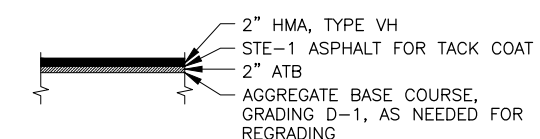
PNT	STATION	OFFSET	ELEV	REMARKS
201	493+62.93	139.99' RT	485.21	PI, ASPHALT EDGE
202	494+01.78	199.68' RT	484.60	PI
203	496+73.97	200.51' RT	484.80	PC
204	496+81.56	191.94' RT	484.95	PI
205	496+92.29	191.80' RT	485.10	PC
206	497+12.36	166.68' RT	485.70	VPI
207	497+41.26	144.97' RT	486.30	VPI
208	497+72.87	132.11' RT	486.95	VPI
209	498+06.71	127.54' RT	487.6±	PT, SAWCUT ME
210	498+06.41	103.82' RT	487.8±	PI, SAWCUT ME
212	494+67.13	142.99' RT	485.28	PI, ASPHALT EDGE
213	494+67.27	168.39' RT	485.07	PI, ASPHALT EDGE
214	494+71.73	171.36' RT	485.03	PI, ASPHALT EDGE
215	495+18.28	171.90' RT	485.17	PI, ASPHALT EDGE
216	495+28.88	169.89' RT	485.45	PI, ASPHALT EDGE
217	495+79.17	168.46' RT	485.28	PI, ASPHALT EDGE
218	495+79.93	152.37' RT	485.40	PI, ASPHALT EDGE
219	495+80.61	140.43' RT	485.48	PI, ASPHALT EDGE

NORTHBOUND WEIGH STATION RADIUS POINT TABLE

PNT	STATION	OFFSET	RADIUS (FT)
2	498+07.83	263.54 R	136

NOTES:

- ADJUST SAWCUT TO AVOID EXISTING SITE FEATURES SUCH AS BOLLARDS, STAIRCASES, ETC.
- UNLESS NOTED OTHERWISE PROTECT IN PLACE EXISTING SITE FEATURES AND REGRADE SURROUNDING GROUND TO MATCH EXISTING SITE FEATURES.
- SMOOTHLY TRANSITION SLOPES BETWEEN GRADING POINTS PROVIDED.



PAVEMENT STRUCTURAL SECTION NO. 5

PRELIMINARY

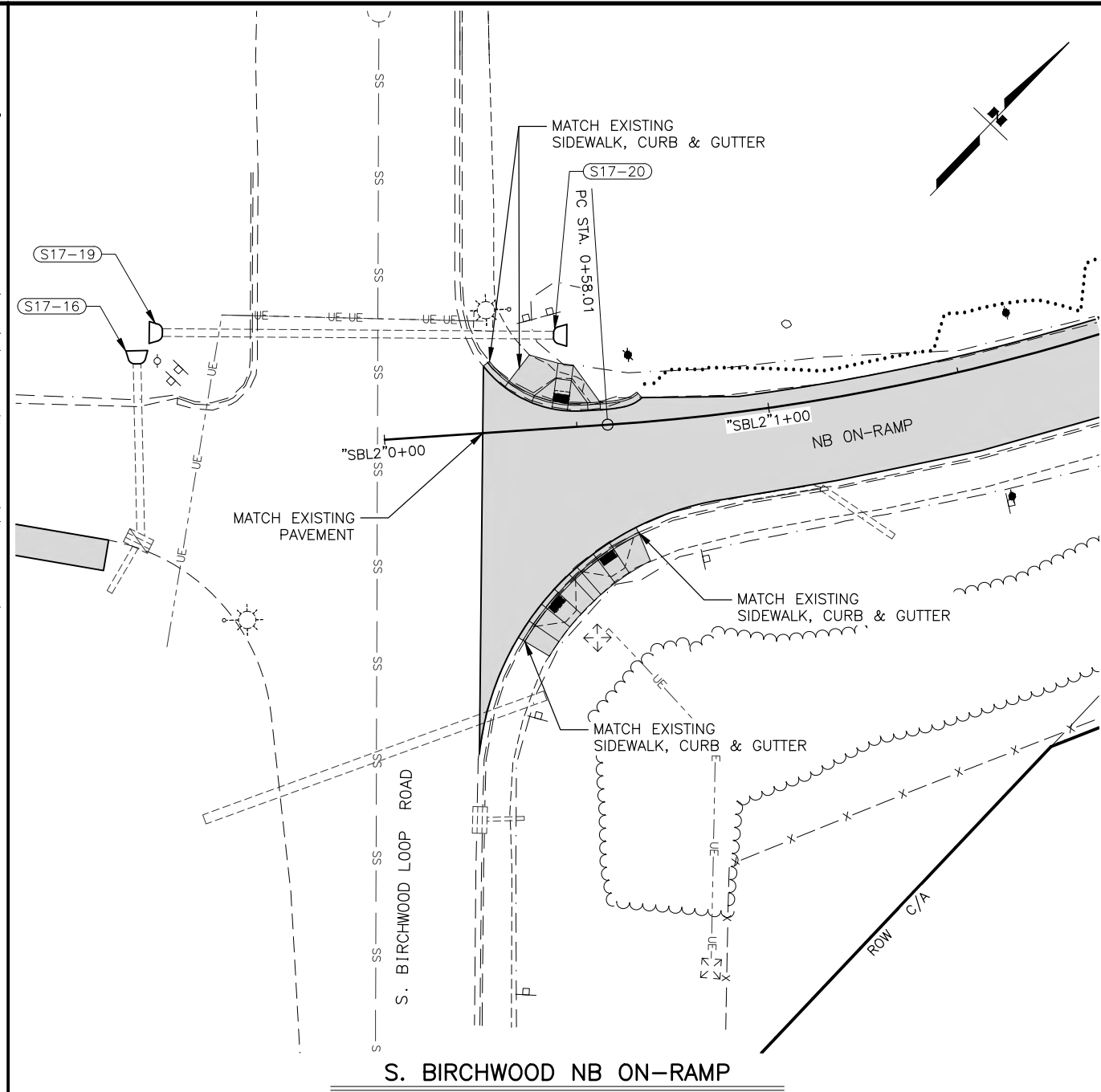
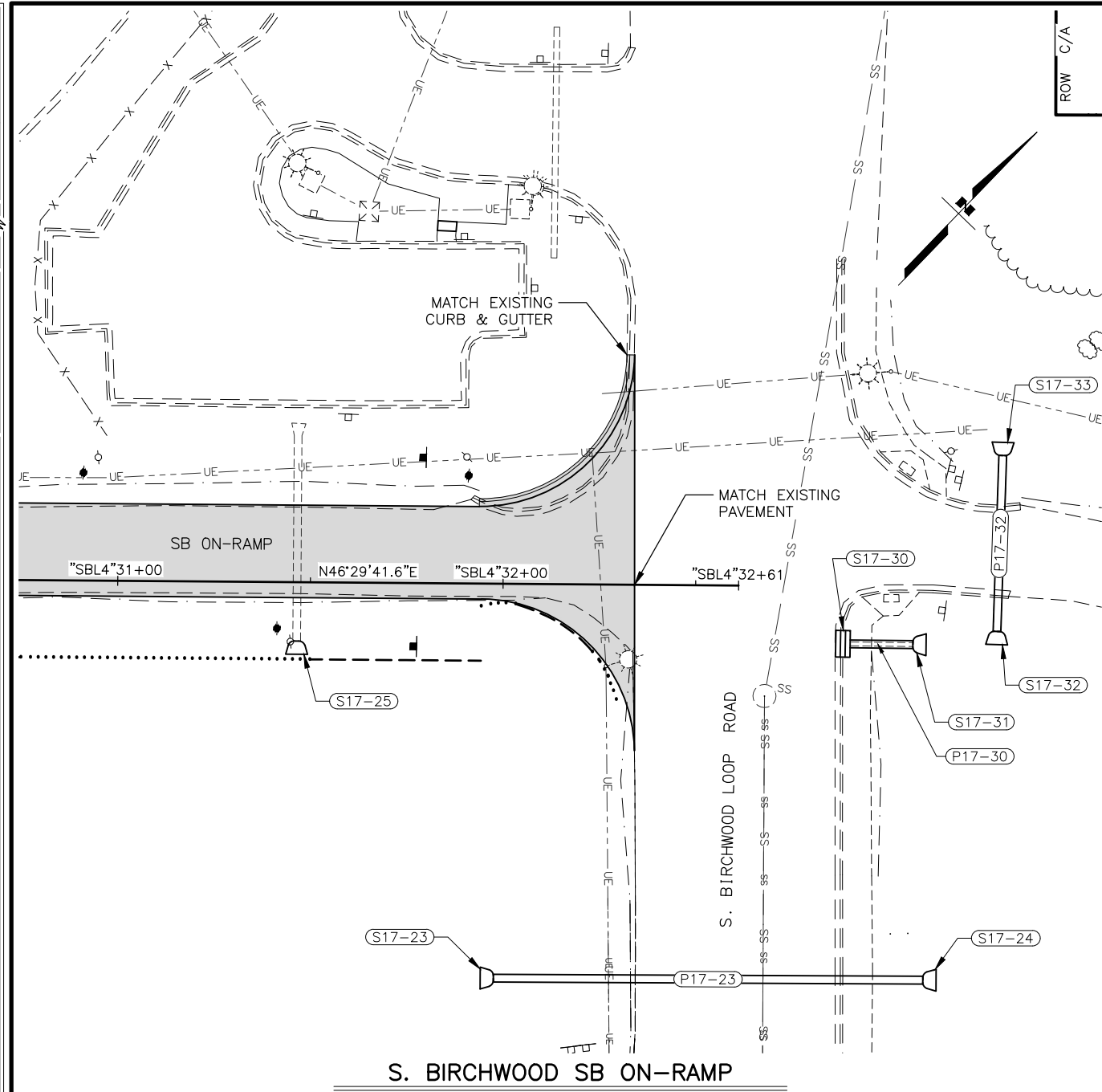
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STATE OF ALASKA
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 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

GLENN HWY WEIGH
 STATIONS GRADING
 PLANS

DRAWING LOCATION: Z:\PROJECTS\009777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\DWGS\00945_G2-CX-RAMP_INTERSECTIONS.DWG
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 CHECKED BY: [Signature]
 DRAFTED BY: [Signature]



LAYOUT POINTS AND TABLES
TO BE PROVIDED
WITH NEXT SUBMITTAL

PRELIMINARY

SHEET NO.	TOTAL SHEETS
G3	G4
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

PIH

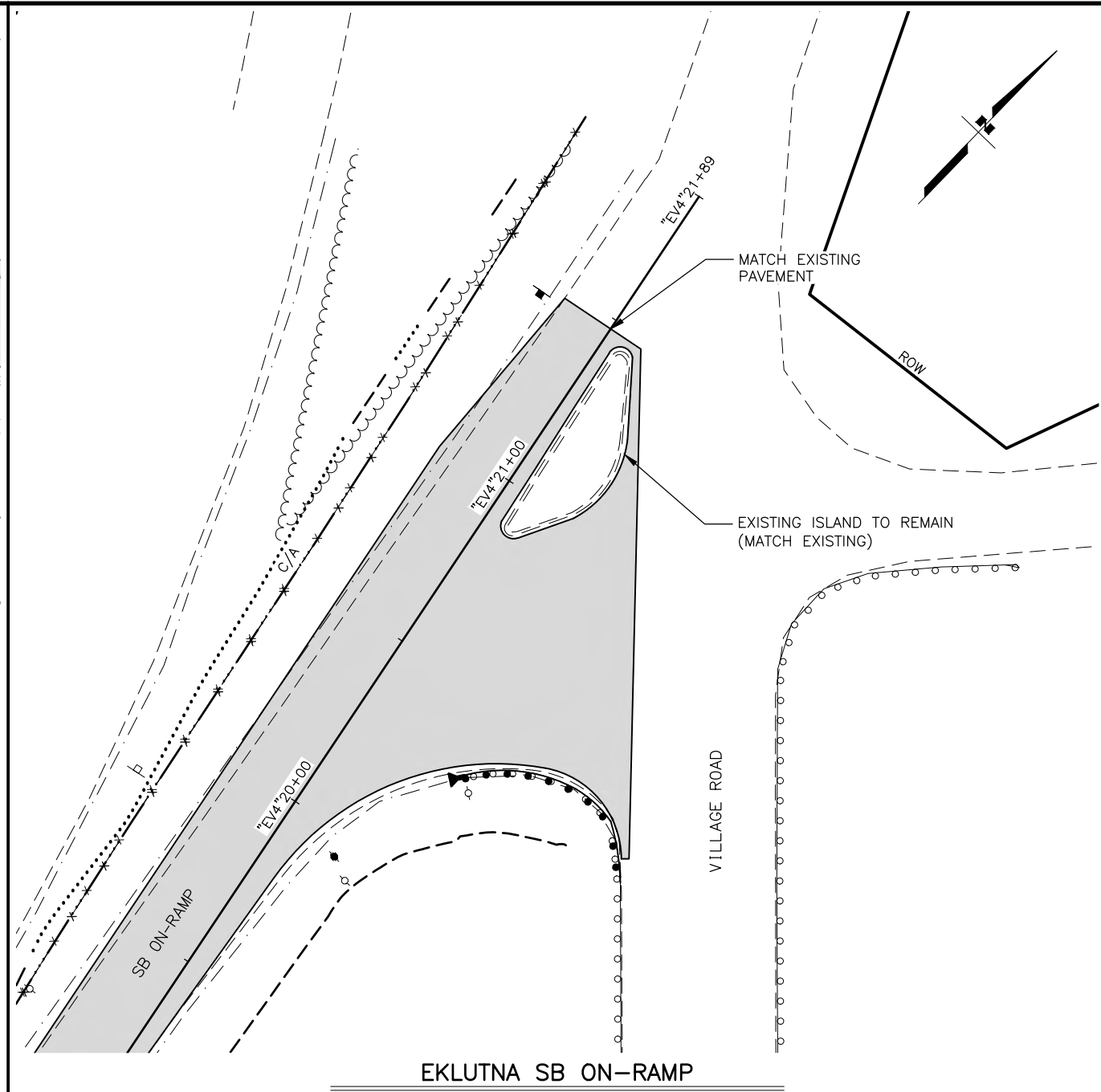
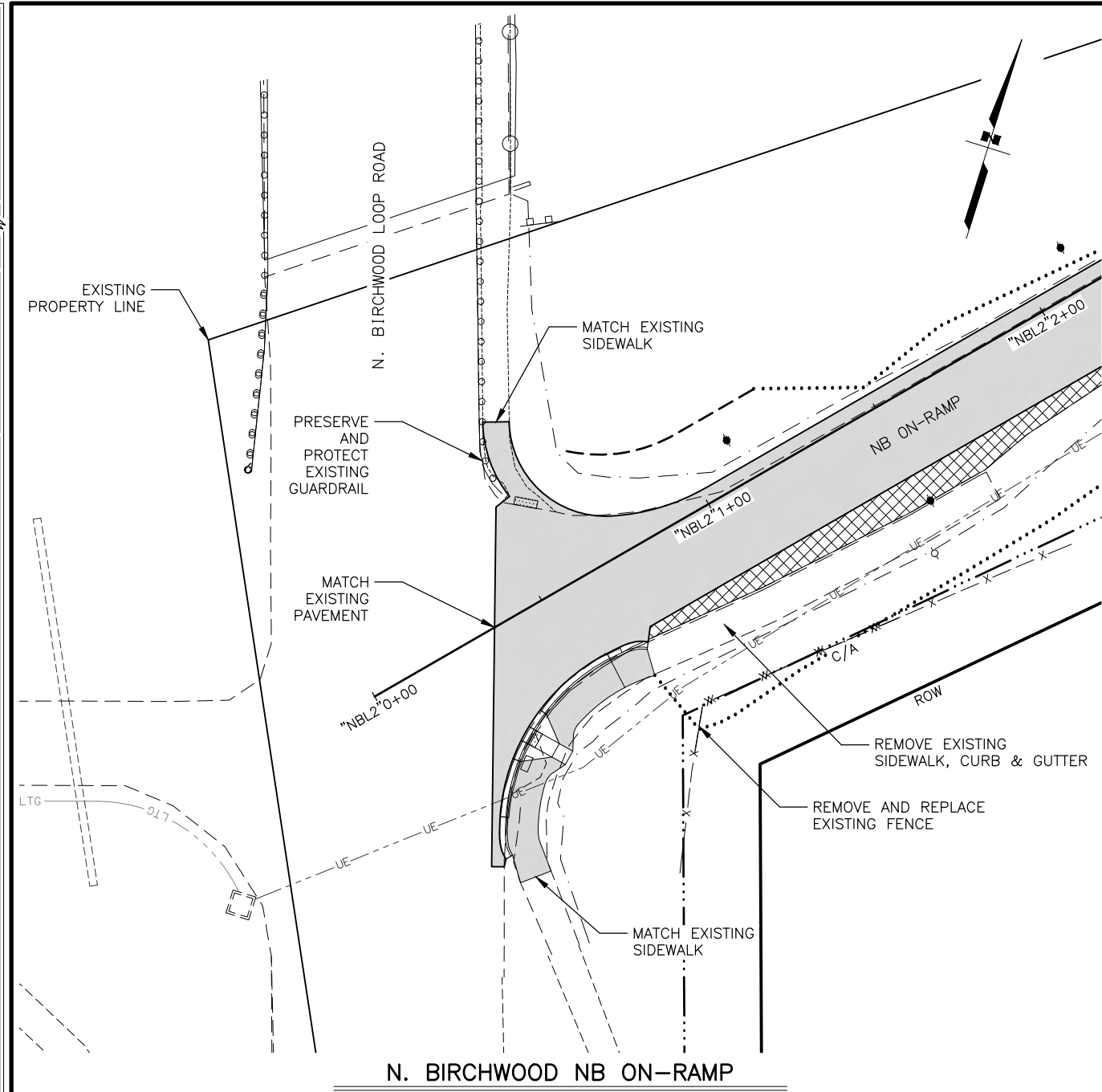
8/29/2024

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STATE OF ALASKA
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AND PUBLIC FACILITIES
GLENN HWY: AIRPORT HEIGHTS
TO PARKS HWY REHABILITATION

RAMP
INTERSECTION
GRADING PLANS

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 CHECKED BY
 DRAFTED BY



LAYOUT POINTS AND TABLES
TO BE PROVIDED
WITH NEXT SUBMITTAL

PRELIMINARY

SHEET NO.	TOTAL SHEETS
G4	G4
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

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 GLENN HWY: AIRPORT HEIGHTS
 TO PARKS HWY REHABILITATION

RAMP
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 GRADING PLANS