

# STATE OF ALASKA

## DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

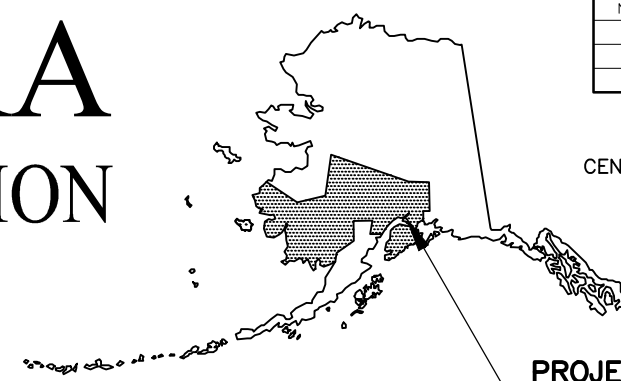
### PROPOSED HIGHWAY PROJECT

# GLENN HWY: AIRPORT HEIGHTS TO PARKS HWY REHABILITATION

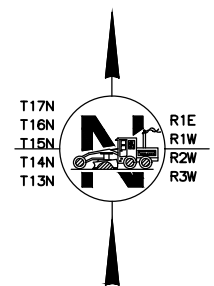
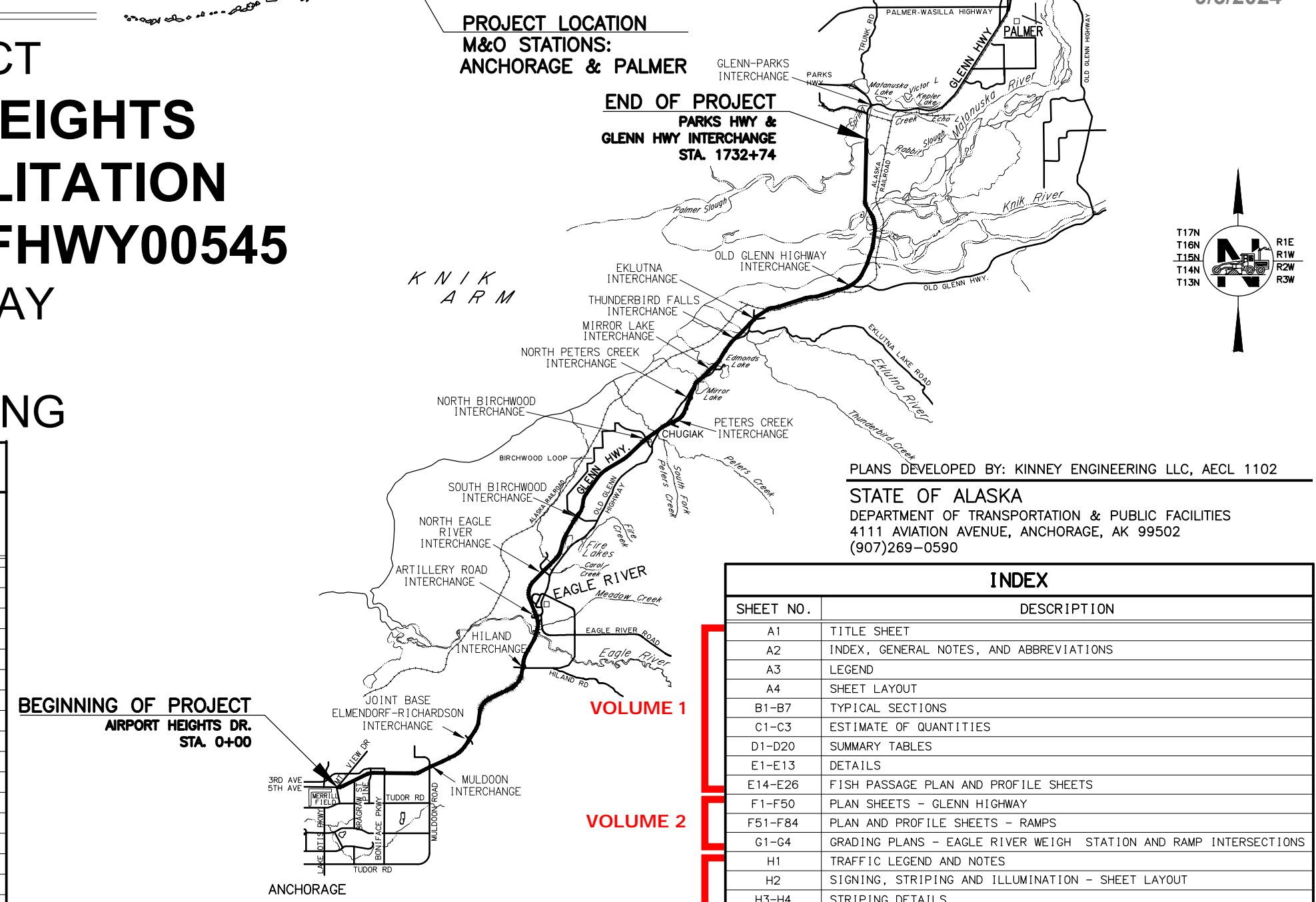
## PROJECT NO. 0001656/CFHWY00545

### 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

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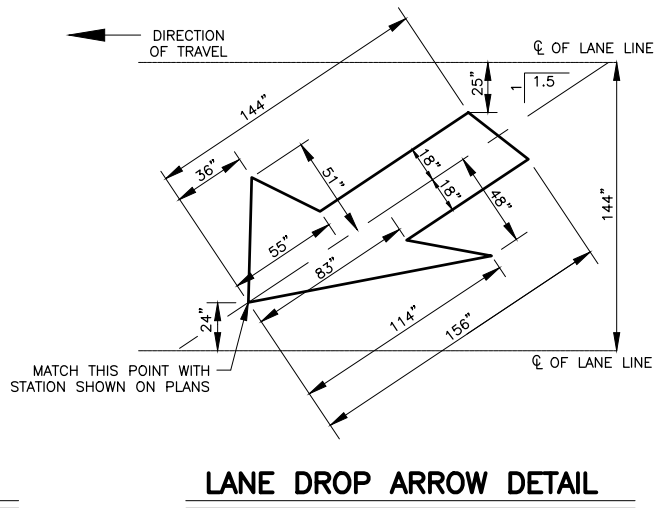
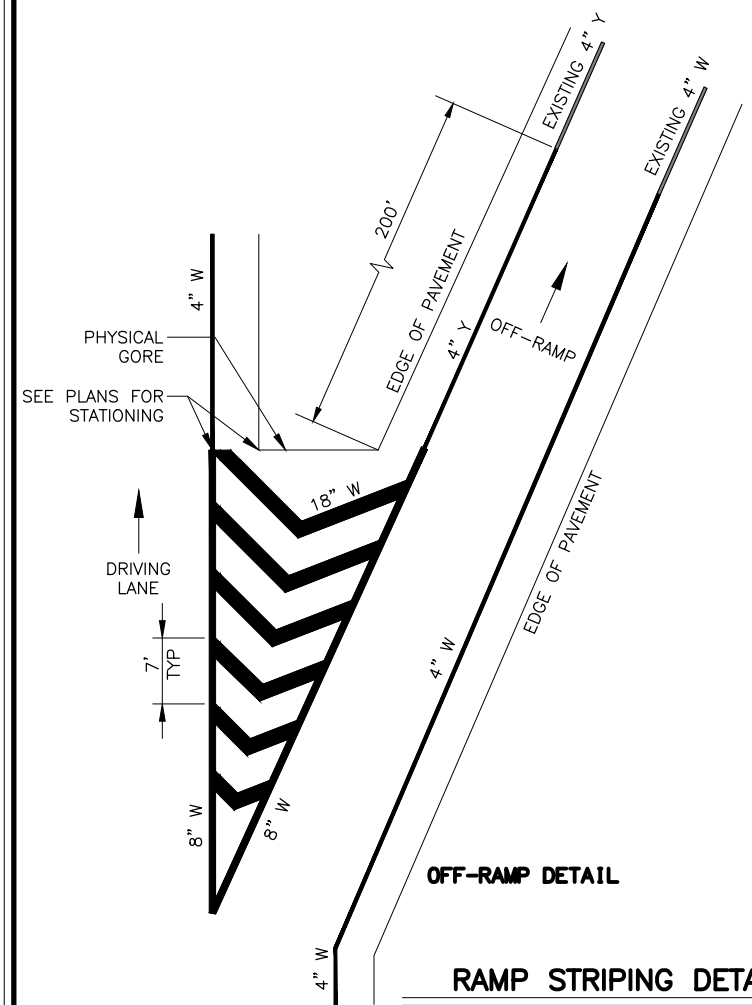
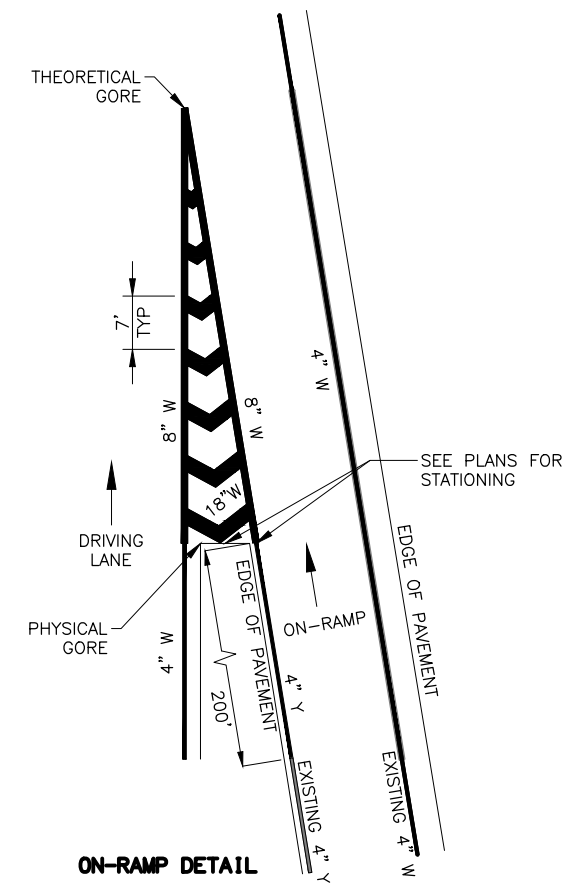
DESIGN DESIGNATIONS			
ROADWAY	FUNCTIONAL CLASS	AADT (2019)	POSTED SPEED (MPH)
GLENN HIGHWAY MP 0.000 (AIRPORT HEIGHTS DR.)	INTERSTATE	49,423	55
GLENN HIGHWAY MP 0.663 (BRAGAW ST. INTERCHANGE)	INTERSTATE	55,818	65
GLENN HIGHWAY MP 1.708 (BONIFACE PKWY. INTERCHANGE)	INTERSTATE	67,082	65
GLENN HIGHWAY 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

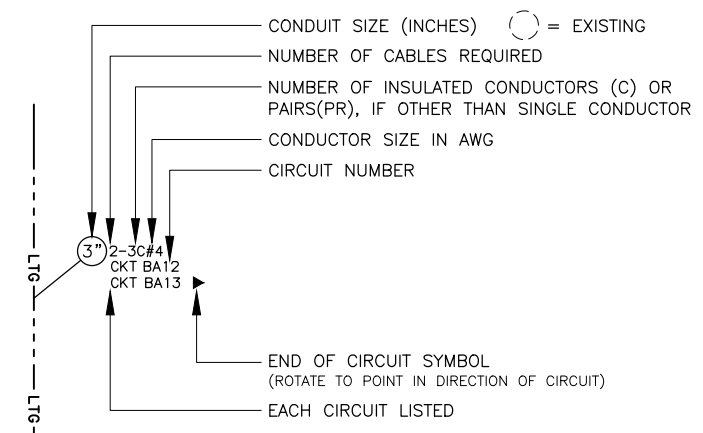
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 CHECKED BY: [ ]  
 DRAFTED BY: [ ]  
 SCALE: 1" = 1'  
 TIME: 8:16 PM  
 DATE: 8/29/2024



AWG	AMERICAN WIRE GAUGE	NB	NORTH BOUND
CAM	CAMERA	OMNI	OMNI DIRECTIONAL ANTENNA
EB	EAST BOUND	P#	TRAFFIC SIGNAL POLE #
GND	GROUND	PE	PHOTOELECTRIC CELL
HDPE	HIGH DENSITY POLYETHYLENE CONDUIT	PED B ##	PEDESTRIAN PUSH BUTTON #
HEAD	VEHICULAR SIGNAL HEAD	PEDI	PEDESTRIAN SIGNAL HEAD
SIG	SIGNAL	PRE #	PREEMPTION #
I/C	INTERCONNECT	PRE CON #	PREEMPTION CONFIRMATION LIGHT #
INTX	INTERSECTION	RAD	RADAR
INTX L	INTERSECTION LIGHTING	RMC	RIGID METAL CONDUIT
LC	LOAD CENTER	SB	SOUTH BOUND
LFNC	LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT	TC	TRAFFIC CONTROLLER
LTG	LIGHTING	WB	WEST BOUND
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES	YAGI	DIRECTIONAL ANTENNA

- SIGNING & STRIPING NOTES:**
- ALL STATION LOCATIONS FOR SIGN INSTALLATION ARE APPROXIMATE. INSTALL SIGNS AT LOCATIONS AS DIRECTED BY THE ENGINEER.
  - USE THE FOLLOWING DEFINITIONS TO DECIPHER THE ABBREVIATED SIGN POST TYPES IN THE SIGN SUMMARY SHEETS.
    - A. PT MEANS A PERFORATED STEEL TUBE.
    - B. T MEANS A SQUARE STEEL TUBE.
    - C. P MEANS A ROUND STEEL PIPE.
    - D. W MEANS A WIDE FLANGE BEAM.
    - E. POPL MEANS A POLE PLATE INSTALLED PER ITS ALASKA STANDARD PLAN S-23.
  - FABRICATE ALL SIGNS FROM 0.125" THICK ALUMINUM SHEETING, UNLESS STATED ELSEWHERE.
  - FOR SIGNS SUPPORTED BY MULTIPLE POSTS, FABRICATE THE POSTS WITH THEIR TOPS LEVEL WITH ONE ANOTHER.
  - FOR PERFORATED STEEL TUBE SIGNPOSTS, INSTALL THE CONCRETE FOUNDATION OPTION SHOWN ON STANDARD PLAN S-30. TRIM EACH PT POST TO LIMIT THE LENGTH INSERTED INTO THE FOUNDATION TO 12 INCHES.
  - FABRICATE GUIDE SIGNS ACCORDING TO THE SHOP DRAWINGS INCLUDED IN THE APPENDICES OF PART 4, CONTRACT PROVISIONS AND SPECIAL PROVISIONS. TRIM THE CORNERS OF ALL SIGNS TO THE RADIUS SHOWN ON EACH SHOP DRAWING.
  - ERECT NEW SIGNS BEFORE REMOVAL OF EXISTING SIGNS WITH SIMILAR MESSAGE. NOTIFY THE ENGINEER A MINIMUM OF 14 DAYS PRIOR TO BEGINNING SIGN REMOVAL AND SALVAGE OR DISPOSAL ACTIVITIES.
  - FOR SIGNS SUPPORTED BY MULTIPLE TUBES OR PIPES, LOCATE THE OUTER POSTS ON MAXIMUM SIX FEET CENTERS. INSTALL ADJACENT WIDE FLANGE POSTS ON MINIMUM EIGHT FEET CENTERS.
  - SELECTIVE AND HAND CLEARING SHALL BE PERFORMED AT THE DISCRETION OF THE ENGINEER, IN ACCORDANCE WITH SECTION 201, UPSTREAM OF ALL SIGN INSTALLATION LOCATIONS TO ACHIEVE MINIMUM SIGN VISIBILITY REQUIREMENTS. IF NOT INCLUDED AS A SEPARATE ITEM, THIS WORK SHALL BE SUBSIDIARY TO THE SIGN INSTALLATION ITEMS AND WORK.
  - FOR ALL FINAL PAVEMENT MARKINGS USE METHYLMETHACRYLATE MATERIALS. LONGITUDINAL, TRANSVERSE AND SYMBOL MARKINGS SHALL BE INLAID AND GORE STRIPES SHALL BE SURFACE APPLIED AS SPECIFIED IN SECTION 670 OF THE SPECIFICATIONS.
  - DIMENSIONS REFER TO THE CENTER OF STRIPE AND THE EDGE OF PAVEMENT OR FACE OF CURB WHEN PRESENT.
  - IF THE NEW AND EXISTING PAVEMENT MARKINGS ARE NOT ALIGNED AT MATCH LINE, TRANSITION BETWEEN THE TWO USING A 100:1 TAPER ON THE NEW PAVEMENT.
  - WHERE NEW STRIPING IS TO EXTEND BEYOND PAVING LIMITS, REMOVE EXISTING STRIPING IN ACCORDANCE WITH SUBSECTION 670-3.04 TO THE EXTENT OF STRIPING LIMITS.



**CALL BEFORE YOU DIG!**  
 CONTRACTOR SHALL CALL A MINIMUM OF 3 DAYS IN ADVANCE OF CONSTRUCTION  
**ALASKA DIGLINE...907-278-3121 OR 800-478-3121**  
 CALL OR GO TO [WWW.AKONECALL.COM/STATEWIDE.HTM](http://WWW.AKONECALL.COM/STATEWIDE.HTM)  
 FOR MEMBER LIST OF WHO WILL BE NOTIFIED

**CIRCUIT LABELING LEGEND**

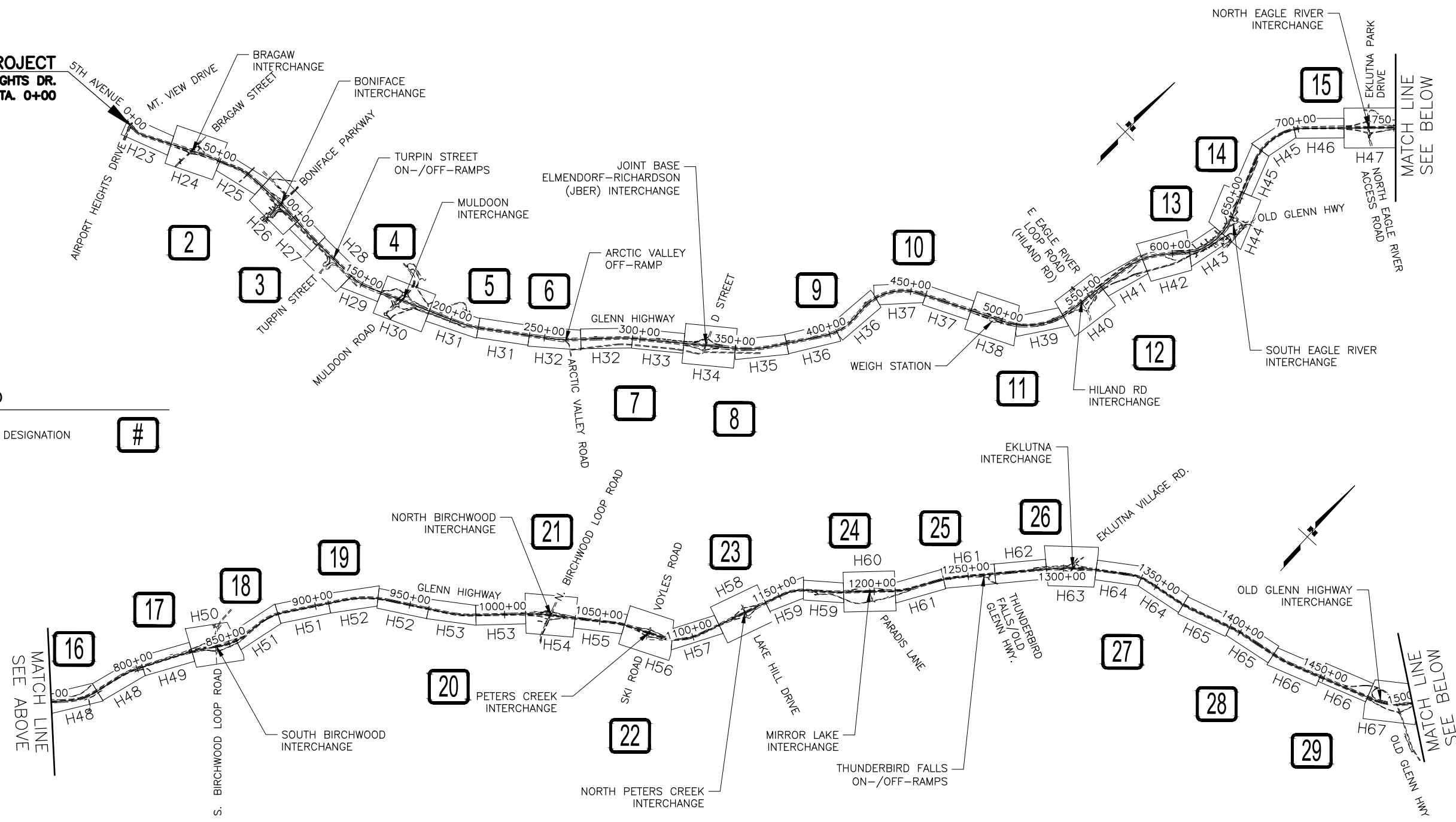
PRELIMINARY

**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**  
**TRAFFIC LEGEND AND NOTES**

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001656/CFHWY00545 <del>0A16056/CFHWY01033</del>	2024	H2	H100

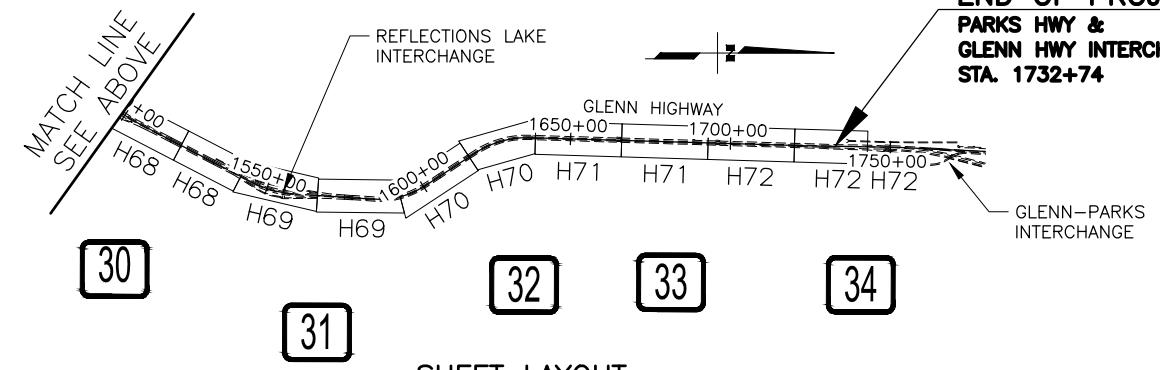
**BEGINNING OF PROJECT**  
**AIRPORT HEIGHTS DR.**  
**STA. 0+00**



**LEGEND**

MILEPOST DESIGNATION #

**END OF PROJECT**  
**PARKS HWY &**  
**GLENN HWY INTERCHANGE**  
**STA. 1732+74**



**SHEET LAYOUT**  
 GLENN HIGHWAY

**PRELIMINARY**

**PIH**  
 8/29/2024

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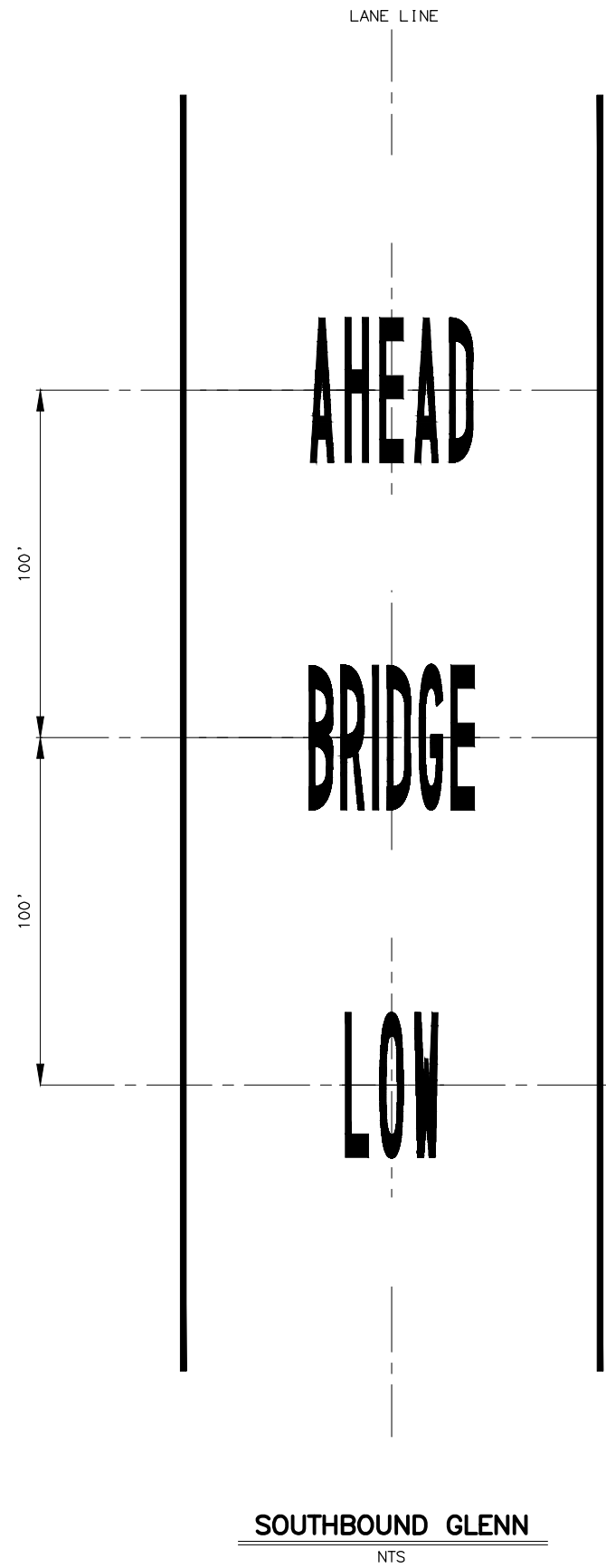
**GLENN HWY:**  
**AIRPORT HEIGHTS TO PARKS HWY**  
**REHABILITATION**

SSI SHEET LAYOUT

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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001656/CFHWY00545 <del>0A16056/CFHWY01033</del>	2024	H3	H100

DRAWING LOCATION: Z:\PROJECTS\005777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00545\_H3-H6\_TRAF-DTLS.DWG  
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 DESIGNED BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 DRAFTED BY: \_\_\_\_\_




SOUTHBOUND GLENN HWY		
MESSAGE	STATION	NOTES
AHEAD	1335+00	LANE LINE
BRIDGE	1336+00	LANE LINE
LOW	1337+00	LANE LINE

**NOTES:**

1. CENTER THE MESSAGE IN THE MIDDLE OF THE LANE AS SHOWN.
2. THE MESSAGE SHALL BE INLAID AT 500 MILLS.
3. SEE SECTION 670 IN THE SPECIAL PROVISIONS FOR MARKING REQUIREMENTS.
4. INLAY THE MESSAGE SHOWN IN THE TABLES BELOW AT THE CORRESPONDING STATION.
5. ADJUST EACH SYMBOL EITHER UP STATION OR DOWN STATION TO AVOID THE CENTER SKIP.
6. SEE H4 FOR STENCIL TEMPLATES.

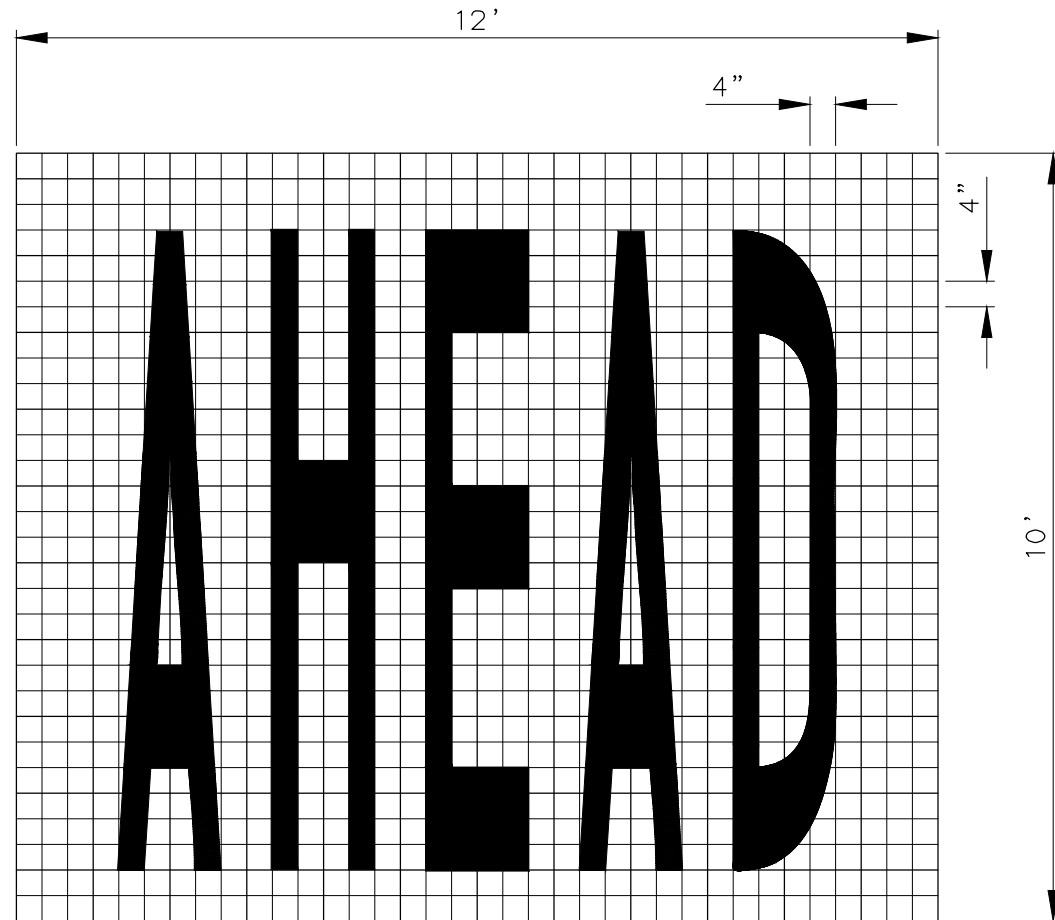
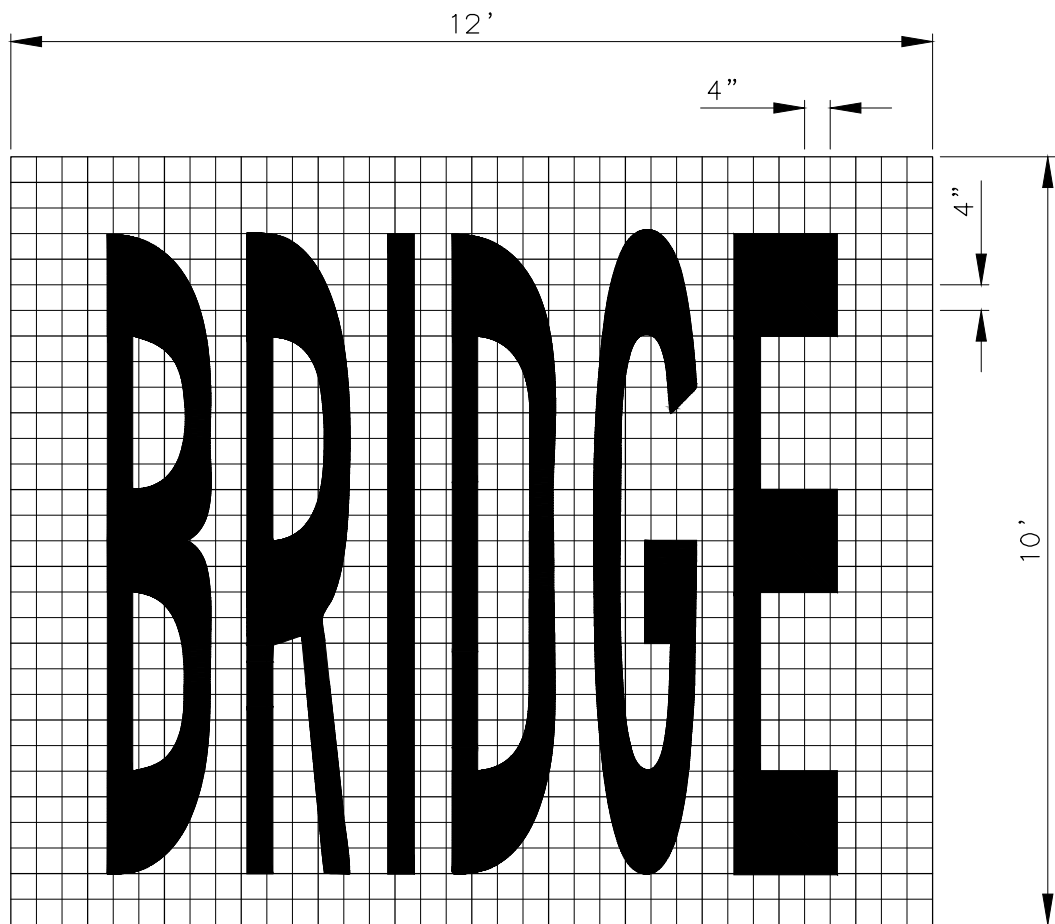
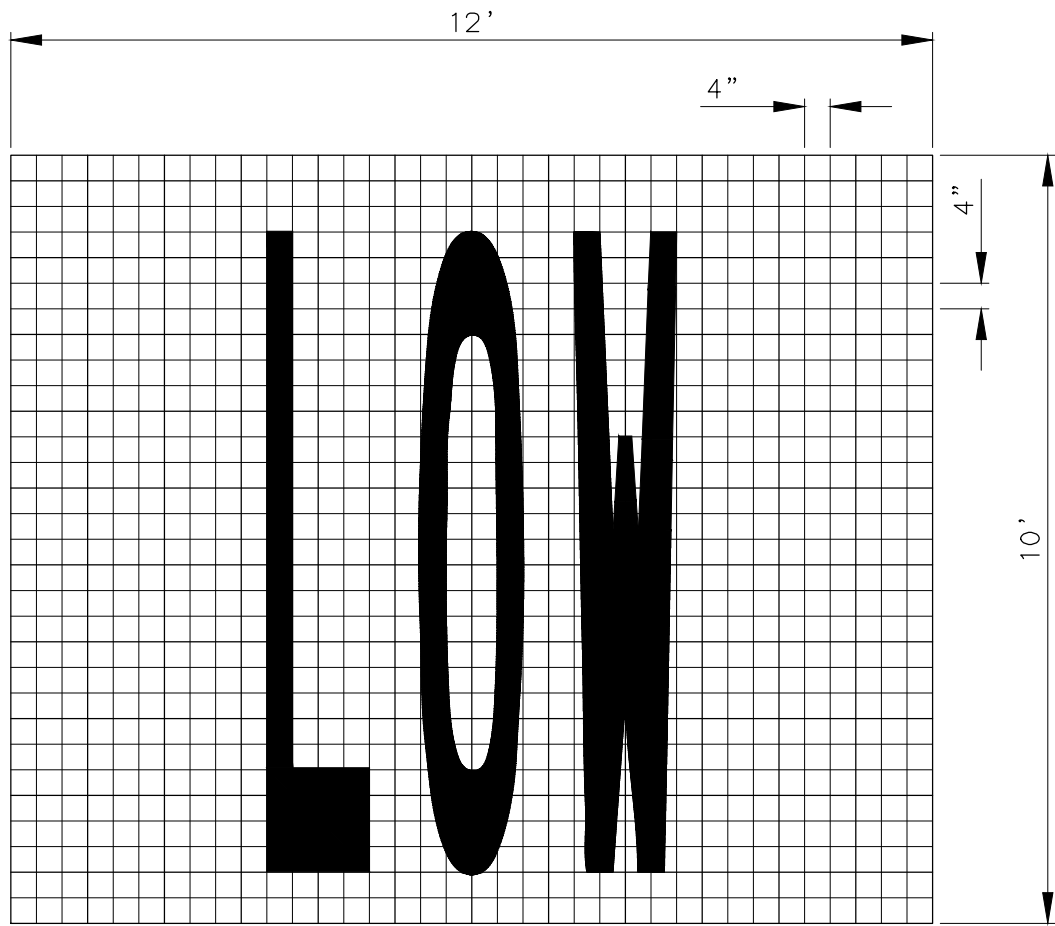
**PRELIMINARY**

 <b>9/5/2024</b>	<small>STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES</small> <b>GLENN HWY: AIRPORT HEIGHTS TO PARKS HWY REHABILITATION</b>  <b>BRIDGE WARNING STRIPING LAYOUT</b>
<small>PLANS DEVELOPED BY: KINNEY ENGINEERING, LLC 3909 Arctic Blvd, Suite 400 ANCHORAGE, AK 99503 (907) 346-2373 CERT. OF AUTH. NO. AECL 1102</small>	




NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001656/CFHWY00545 <del>0A16056/CFHWY01033</del>	2024	H4	H100

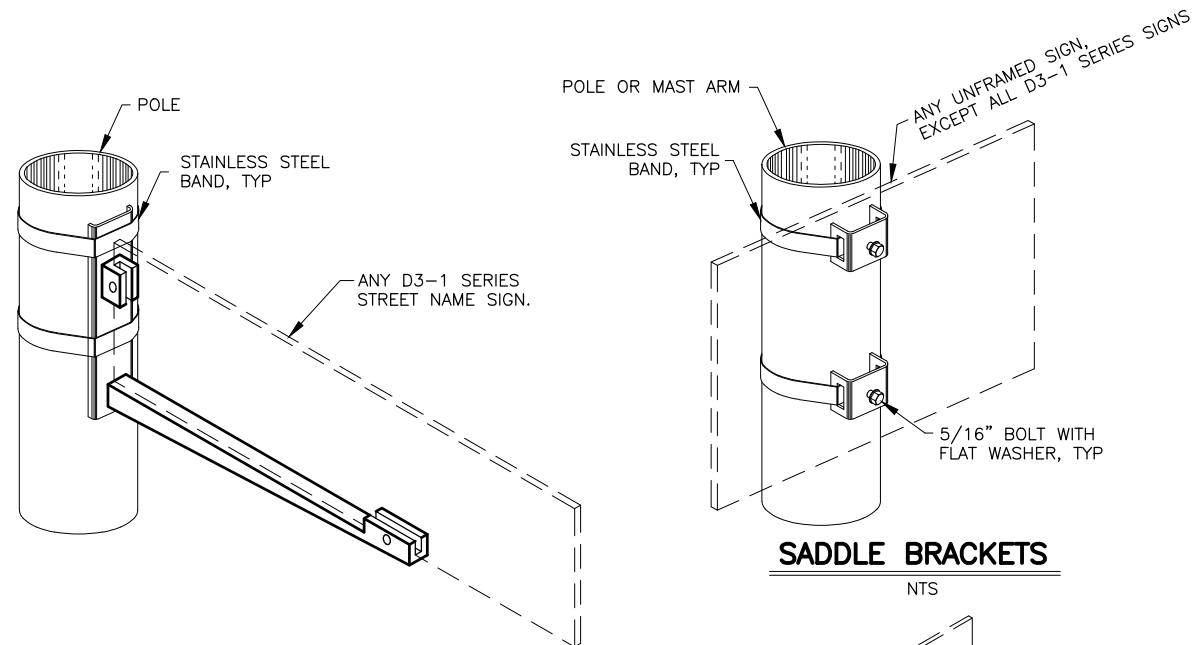
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**PRELIMINARY**

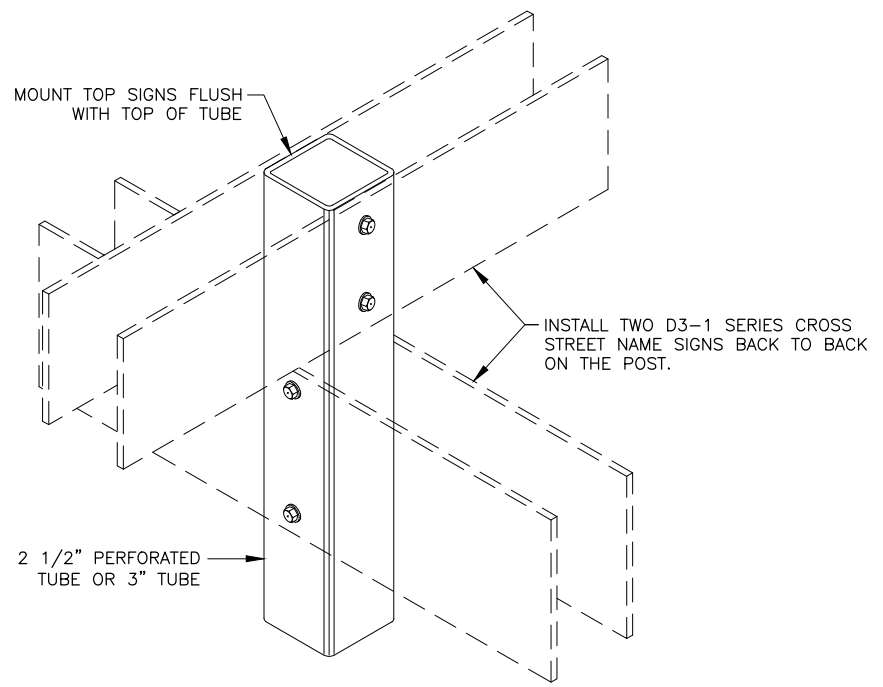
 <b>8/29/2024</b> <small>PLANS DEVELOPED BY:          KINNEY ENGINEERING, LLC          3909 Arctic Blvd, Suite 400          ANCHORAGE, AK 99503          (907) 346-2373          CERT. OF AUTH. NO. AECL 1102</small>	<small>STATE OF ALASKA          DEPARTMENT OF TRANSPORTATION          AND PUBLIC FACILITIES</small> <b>GLENN HWY:          AIRPORT HEIGHTS TO PARKS HWY          REHABILITATION</b> <b>BRIDGE WARNING LAYOUT          TEMPLATES FOR STENCIL</b>
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**SADDLE BRACKETS**  
NTS

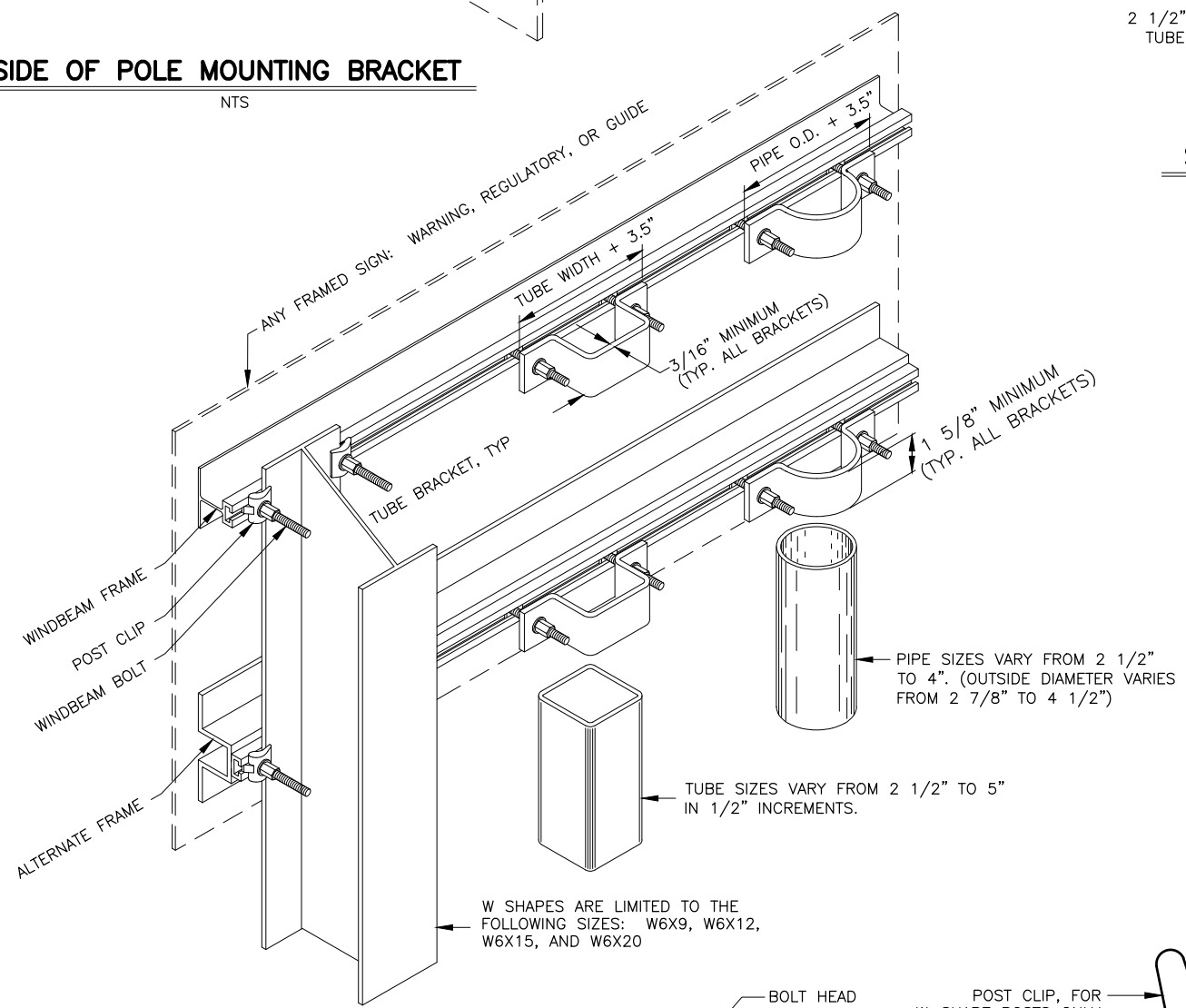
**SIDE OF POLE MOUNTING BRACKET**  
NTS



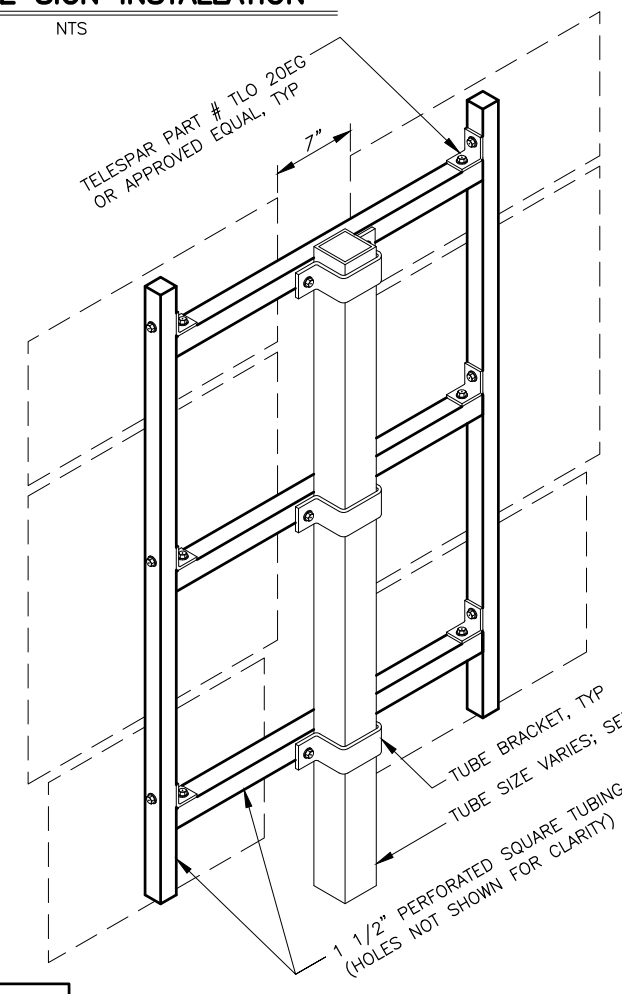
**STREET NAME SIGN INSTALLATION**  
NTS

**NOTES:**

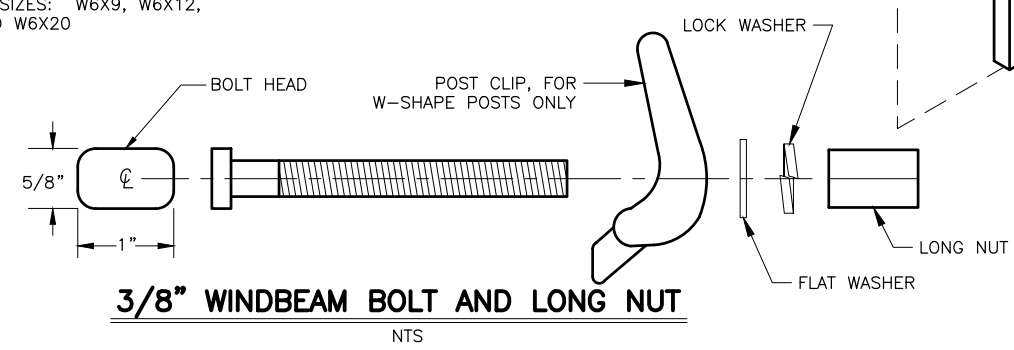
- EXCEPT FOR POLES AND MAST ARMS, ONLY USE TUBES TO SUPPORT SIGNS MOUNTED ON ONE POST.
- ATTACH SIGNS, FRAMED AND UNFRAMED TO THEIR SUPPORTS WITH ZINC PLATED 3/8" BOLTS, EXCEPT ATTACH UNFRAMED SIGNS TO PERFORATED TUBES WITH ACCESSORY DRIVE RIVETS AND TO SADDLES WITH 5/16" BOLTS.
- BOLT UNFRAMED SIGNS DIRECTLY TO TUBES IN TWO LOCATIONS, NEAR TOP AND NEAR BOTTOM OF MATING SURFACE. ATTACH THEM TO POLES AND MAST ARMS WITH TWO SADDLES.
- ATTACH BRACKETS TO POLES AND MAST ARMS WITH DOUBLE WRAPS OF 3/4" WIDE BY 0.020" THICK STAINLESS STEEL BANDING MATERIAL. TIGHTEN EACH BAND UNTIL IT STOPS MOVING THROUGH THE BUCKLE.
- ATTACH FRAMED SIGNS TO POSTS WHEREVER THE FRAMES CROSS THE POSTS. AT EACH CROSSING, ATTACH THE SIGN USING TWO POST CLIPS ON W-SHAPE POSTS, A U-SHAPED BRACKET ON PIPES, AND A BRACKET WITH SQUARE CORNERS ON TUBES.
- THE TUBE BRACKETS USED ON EVEN INCH SIZE TUBES MAY ALSO BE USED ON TUBES 1/2" SMALLER IN SIZE.
- ONLY USE THE SPECIAL WINDBEAM BOLTS TO ATTACH SIGNS FRAMED WITH THE WINDBEAM FRAMING MATERIAL.
- ATTACH FRAMED SIGNS TO POLES AND MAST ARMS USING POLE PLATES INSTALLED ACCORDING TO ALASKA STANDARD PLAN S-23.
- FOR ROUTE MARKER TREES, CUT PERFORATED TUBES TO ENSURE TIGHT FITTING JOINTS. ASSEMBLE THE PIECES WITH ACCESSORY ELL-SHAPED ANGLE BRACKETS.
- INSTALL THE TOP EDGE OF SIGNS 1" ABOVE THE TOPS OF POSTS, EXCEPT FOR THE D3-1 STREET NAME SIGNS.
- INSTALL THE TOP EDGE OF SIGNS 3" BELOW THE TOP OF POST, WHENEVER THEY ARE MOUNTED BELOW SIGNS SECURED BY POST TOP MOUNTING BRACKETS.
- THE BRACKET DETAILS SHOWN INDICATE GENERAL DESIGNS ONLY. DESIGNS MAY VARY BY MANUFACTURER.
- INSTALL WEATHER TIGHT CAPS ON ALL PIPE AND TUBE POSTS, EXCEPT PERFORATED TUBING.



**FRAMED SIGN ATTACHMENT BRACKETS**  
NTS



**ROUTE MARKER TREE**  
NTS



**3/8" WINDBEAM BOLT AND LONG NUT**  
NTS

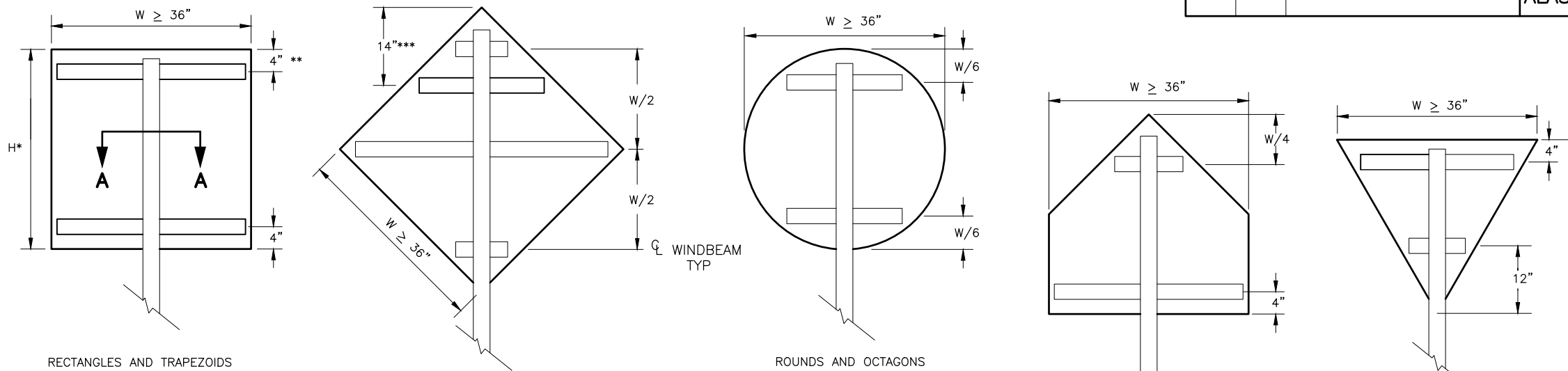
FASTENER SPECIFICATION TABLE			
FASTENERS	ALUMINUM	STEEL	STAINLESS STEEL
BOLTS	ASTM F468 2024-T4	ASTM A307	ASTM F593
NUTS	ASTM F467 2024-T4	ASTM A563	ASTM F594
WASHERS	ANSI B18.22.1	ASTM F844	ANSI B18.22.1
POST CLIPS	ASTM B179 356-T6	N/A	N/A

8/29/2024  
 PLANS DEVELOPED BY:  
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 CERT. OF AUTH. NO. AECL 1102

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

**PRELIMINARY**

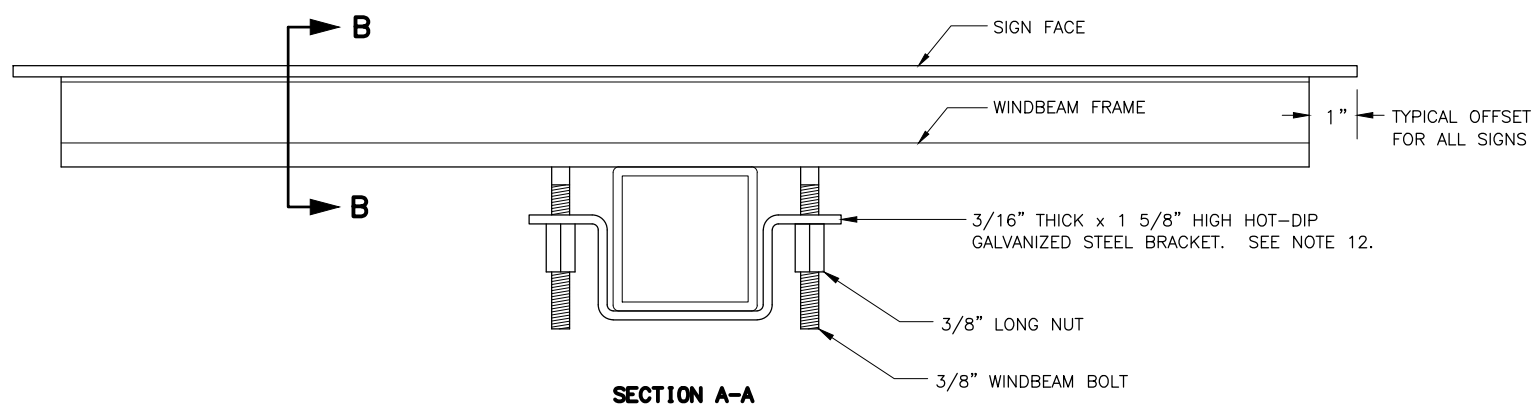
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001656/CFHWY00545 <del>0A16056/CFHWY01033</del>	2024	H6	H100



- NOTES:**
- EXCEPT FOR POLES AND MAST ARMS, ONLY USE SQUARE STEEL TUBES TO SUPPORT SIGNS MOUNTED ON SINGLE POSTS.
  - INSTALL WINDBEAM OR ZEE SHAPED FRAMING MEMBERS ON DIAMOND SHAPED SIGNS 36 INCHES AND LONGER ON A SIDE AND ON OTHER SIGNS 36 INCHES WIDE AND WIDER.
  - IN HIGH WIND AREAS, THE PLANS MAY REQUIRE SIGNS SMALLER THAN THOSE LISTED IN NOTE 2 BE FRAMED AS SHOWN HERE IN.
  - THIS DRAWING DEPICTS THE WINDBEAM FRAMING AND ATTACHMENT SYSTEM. ATTACH SIGNS FRAMED WITH ZEE SHAPED FRAMING ACCORDING TO REGIONAL DRAWING "SIGN ATTACHMENT DETAILS", USING "U" SHAPED BRACKETS AND TWO BOLTS WITH NUTS.
  - THE ENGINEER MAY APPROVE OTHER FRAMING MEMBERS. SUBMIT DOCUMENTS THAT DETAIL THE FRAME'S CROSS SECTION AND STRENGTH, AND METHOD OF ATTACHING THE FRAME TO A POST.
  - USE FRAMING MEMBERS MADE FROM ALUMINUM ALLOY 6061-T6.
  - EACH FRAMING MEMBER SHALL BE ONE CONTINUOUS PIECE.
  - ATTACH FRAMING MEMBERS TO THE SIGN PANELS WITH RIVETS OR AN ENGINEER APPROVED, DOUBLE SIDED, HIGH STRENGTH, ADHESIVE TAPE.
  - WITH THE ADHESIVE TAPE, INSTALL TWO RIVETS IN BOTH ENDS OF EACH FRAMING MEMBER, AND ATTACH THE FRAMING MEMBERS TO THE SIGN PANELS ACCORDING TO THE TAPE MANUFACTURER'S WRITTEN INSTRUCTIONS, INCLUDING:
    - THE CLEANING AND HANDLING OF THE SIGN PANELS AND FRAMING MEMBERS.
    - THE APPLICATION OF THE ADHESIVE TAPE.
  - WHEN RIVETS ARE USED TO ATTACH FRAMING MEMBERS, INSTALL 2 RIVETS IN EACH END AND THE BALANCE ON 8" MAXIMUM CENTERS.
  - USE 3/16" DIAMETER RIVETS CONFORMING TO ALUMINUM ALLOY 6061-T6 FOR COLD DRIVEN RIVETS, OR ALUMINUM ALLOY 6061-T43 FOR HOT DRIVEN RIVETS.
  - THE BRACKETS USED ON EVEN INCH SIZE TUBES MAY ALSO BE USED ON TUBES 1/2" SMALLER IN SIZE.

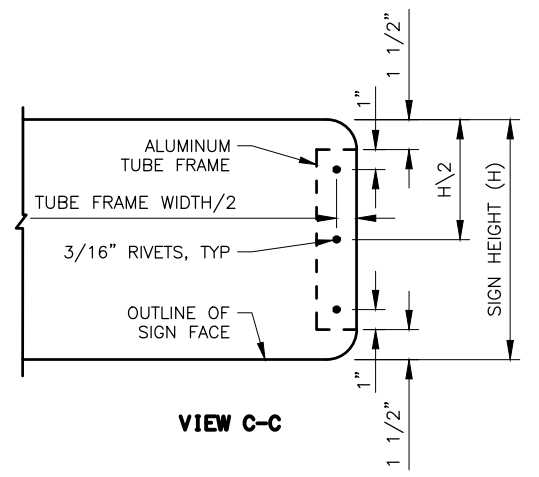
**WINDBEAM LOCATIONS FOR EACH SIGN SHAPE**

ELEVATION VIEW

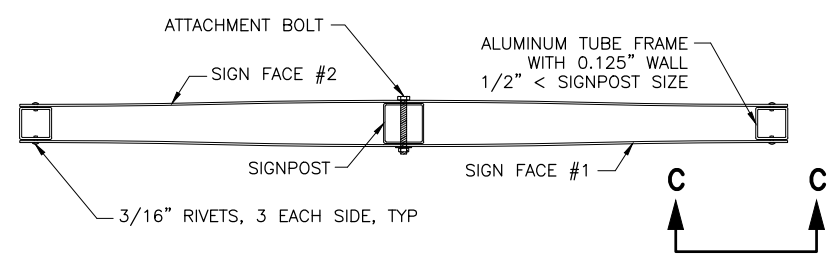


**TYPICAL SIGN ATTACHMENT DETAILS AT EACH WINDBEAM**

NTS



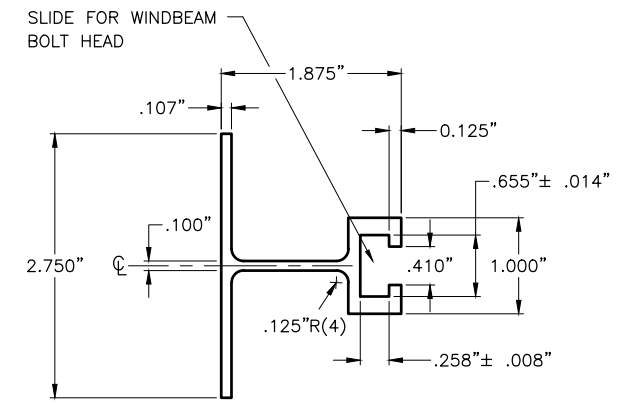
**VIEW C-C**



**PLAN VIEW**

**D3-1 STREET NAME SIGN FRAMING DETAIL**

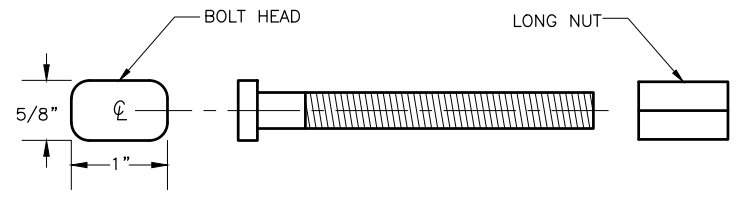
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**SECTION B-B**

**WINDBEAM CROSS SECTION**

NTS



**3/8" WINDBEAM BOLT AND LONG NUT**

NTS

**PRELIMINARY**

PIH  
8/29/2024

PLANS DEVELOPED BY:  
KINNEY ENGINEERING, LLC  
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CERT. OF AUTH. NO. AECL 1102

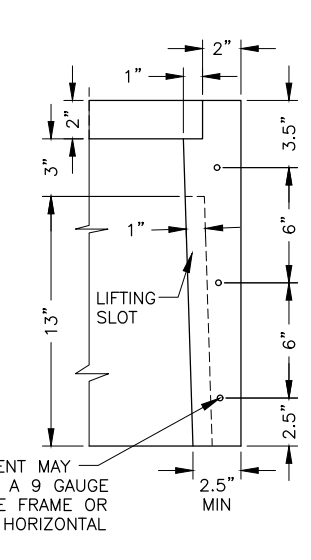
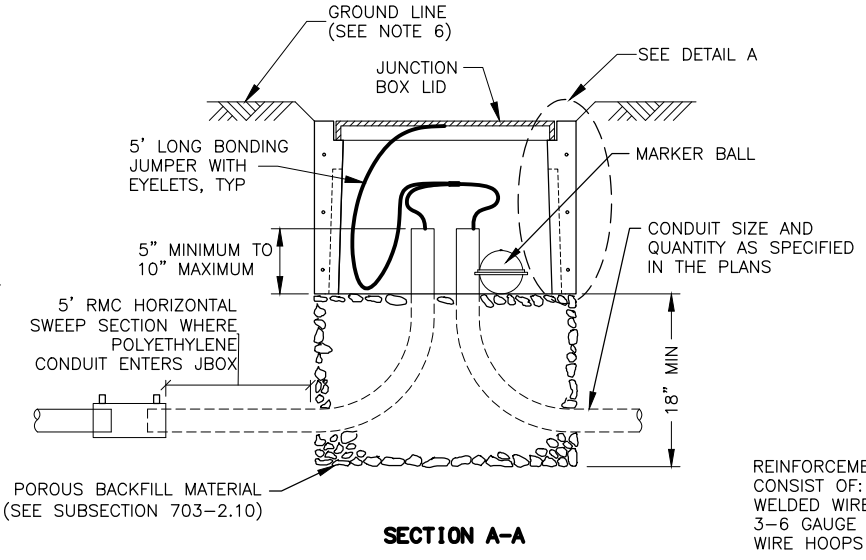
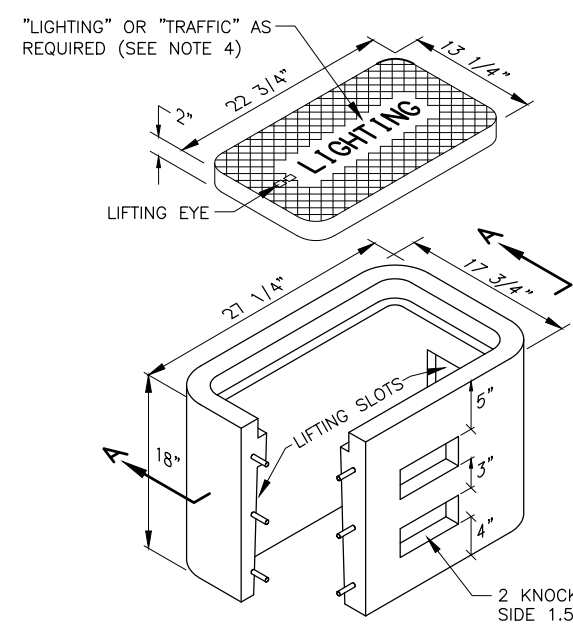
STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
**GLENN HWY:  
AIRPORT HEIGHTS TO PARKS HWY  
REHABILITATION**  
**LIGHT SIGN FRAMING AND  
ATTACHMENT DETAILS**

DESIGNED BY: [ ] CHECKED BY: [ ] DRAFTED BY: [ ]  
 SCALE: 1" = 1'  
 DATE: 8/29/2024 8:17 PM  
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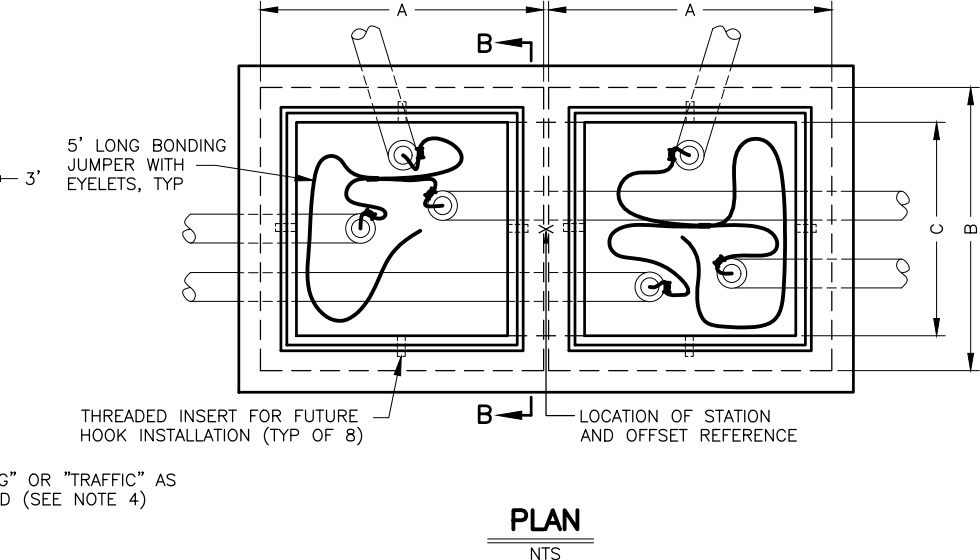
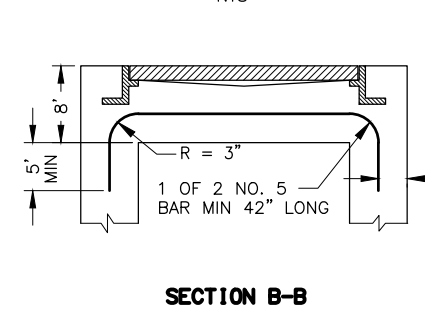
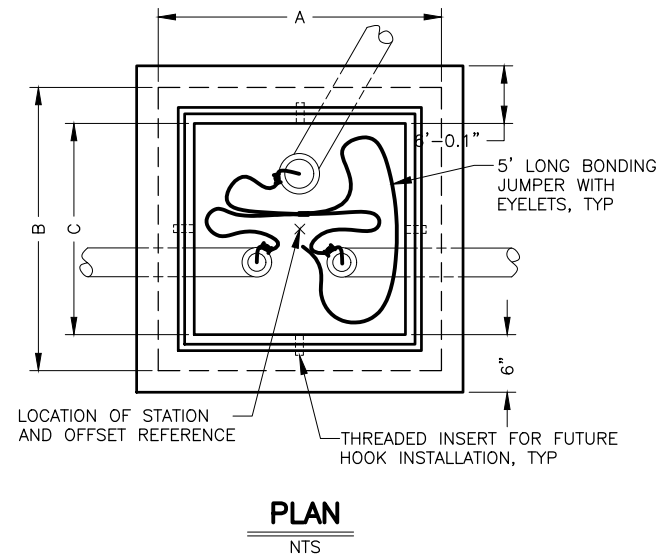
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001656/CFHWY00545 <del>0A16056/CFHWY01033</del>	2024	H7	H100

**NOTES:**

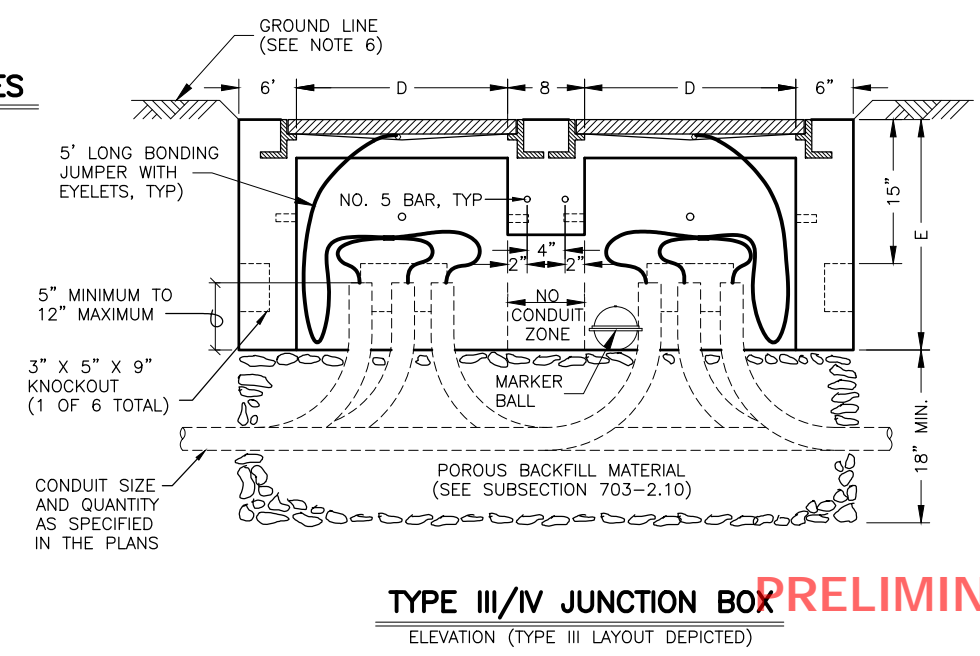
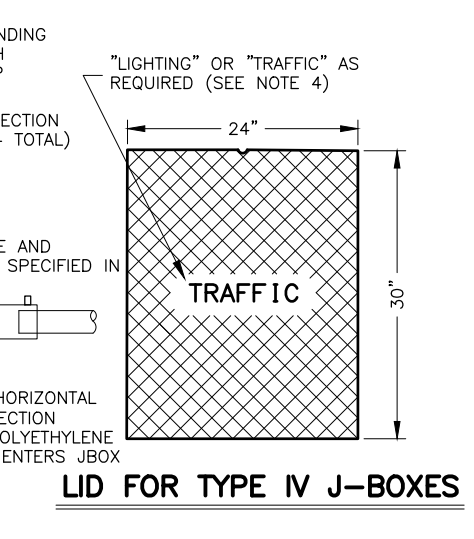
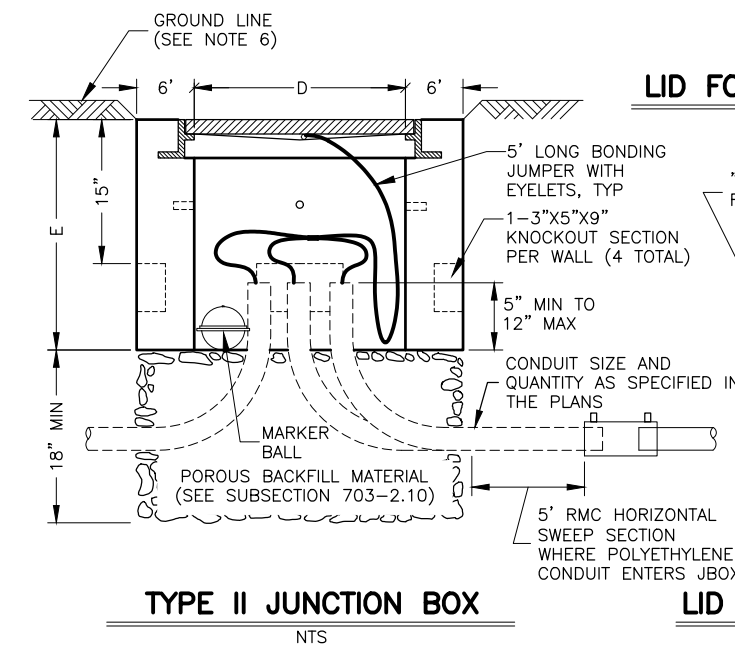
1. AVOID INSTALLING TYPE IA JUNCTION BOXES IN DRIVEWAYS OR IN LOCATIONS SUBJECT TO USE BY HEAVY TRUCKS. INSTALL JUNCTION BOXES ONLY AT THE LATERAL LOCATIONS ALLOWED IN SUBSECTION 660-3.04.
2. FURNISH TYPE II, III AND IV JUNCTION BOXES WITH CAST IRON FRAMES AND LIDS THAT WEIGH A MINIMUM OF 210 POUNDS AND ARE RATED FOR HEAVY TRAFFIC LOADS IN COMPLIANCE WITH AASHTO M306. FURNISH TYPE IA JUNCTION BOXES WITH CAST IRON LIDS THAT WEIGH A MINIMUM OF 50 POUNDS.
3. CONSTRUCT JUNCTION BOXES ACCORDING TO SECTION 501 USING CLASS A CONCRETE. REINFORCE TYPE IA JUNCTION BOXES AS SHOWN. SYNTHETIC STRUCTURAL FIBER-REINFORCED CONCRETE THAT MEETS ASTM C 1116 AND CONTAINS FIBER IN PROPORTIONS AS RECOMMENDED BY THE FIBER MANUFACTURER MAY BE ADDED FOR STRENGTH.
4. FOR JUNCTION BOXES THAT CONTAIN ILLUMINATION CONDUCTORS EXCLUSIVELY, FURNISH LIDS WITH THE WORD "LIGHTING" INSCRIBED INTO THEM. FOR OTHER JUNCTION BOXES, FURNISH LIDS WITH THE WORD "TRAFFIC" INSCRIBED INTO THEM.
5. UNDER JUNCTION BOXES, INSTALL POROUS BACKFILL MATERIAL CONFORMING TO SUBSECTION 703-2.10.
6. SET THE TOPS OF JUNCTION BOXES WITH THE FOLLOWING DIMENSIONS BELOW THE FINISHED SURROUNDING SURFACE:  
1" IN PAVED MEDIANS AND ADJACENT TO PEDESTRIAN FACILITIES  
1/4" IN PEDESTRIAN FACILITIES  
2" IN ALL OTHER AREAS
7. BOND JUNCTION BOX LIDS TO THE SYSTEM OF EQUIPMENT GROUNDING CONDUCTORS ACCORDING TO SUBSECTION 660-3.06. ATTACH BONDING JUMPERS TO THE JUNCTION BOX LIDS WITH BRASS OR STAINLESS STEEL HARDWARE.
8. INSTALL LOOP DETECTOR TAILS THROUGH ONE OF THE KNOCKOUTS OF TYPE IA JUNCTION BOXES. AFTER SETTING THE BOXES TO GRADE, INSTALL GROUT IN THE GAPS THAT REMAIN IN THE KNOCKOUT.
9. INSTALL A 1/2" THICK PREFORMED BITUMINOUS JOINT MATERIAL AROUND JUNCTION BOXES INSTALLED IN PORTLAND CEMENT CONCRETE WALKWAYS.
10. INSTALL AN ELECTRONIC MARKER BALL IN ALL JUNCTION BOXES PER SUBSECTION 660-3.04.
11. PRIOR TO INSTALLATION MARK ALL JUNCTION BOX LOCATIONS WITH A WIRE STAFF VINYL FLAG. THE FLAG SHALL BE RED IN COLOR AND MINIMUM 4-INCHES TALL BY 5-INCHES WIDE. THE WIRE STAFF SHALL BE 21-INCHES IN LENGTH AND CONSTRUCTED OF MINIMUM 15.5 GAUGE STEEL.
12. WHERE MODIFIED TYPE II JUNCTION BOXES ARE REQUIRED FOR DETECTOR LOOP TAIL INSTALLATIONS, ADD ONE(1) ADDITIONAL 5" DEEP X 3" HIGH X 18" WIDE KNOCKOUT 8" BELOW TOP OF JUNCTION BOX.



**TYPE IA JUNCTION BOX**



**LID FOR TYPE II & III J-BOXES**



J-BOX TYPE	DIMENSIONS				
	A (MAX.)	B (MAX.)	C (MIN.)	D (MIN.)	E (MIN.)
II	29 1/2"	29 1/2"	22"	22"	24"
III	29 1/2"	29 1/2"	22"	22"	24"
IV	30"	36"	30"	24"	30"

8/29/2024

PLANS DEVELOPED BY:  
KINNEY ENGINEERING, LLC  
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CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES

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

JUNCTION BOX DETAILS

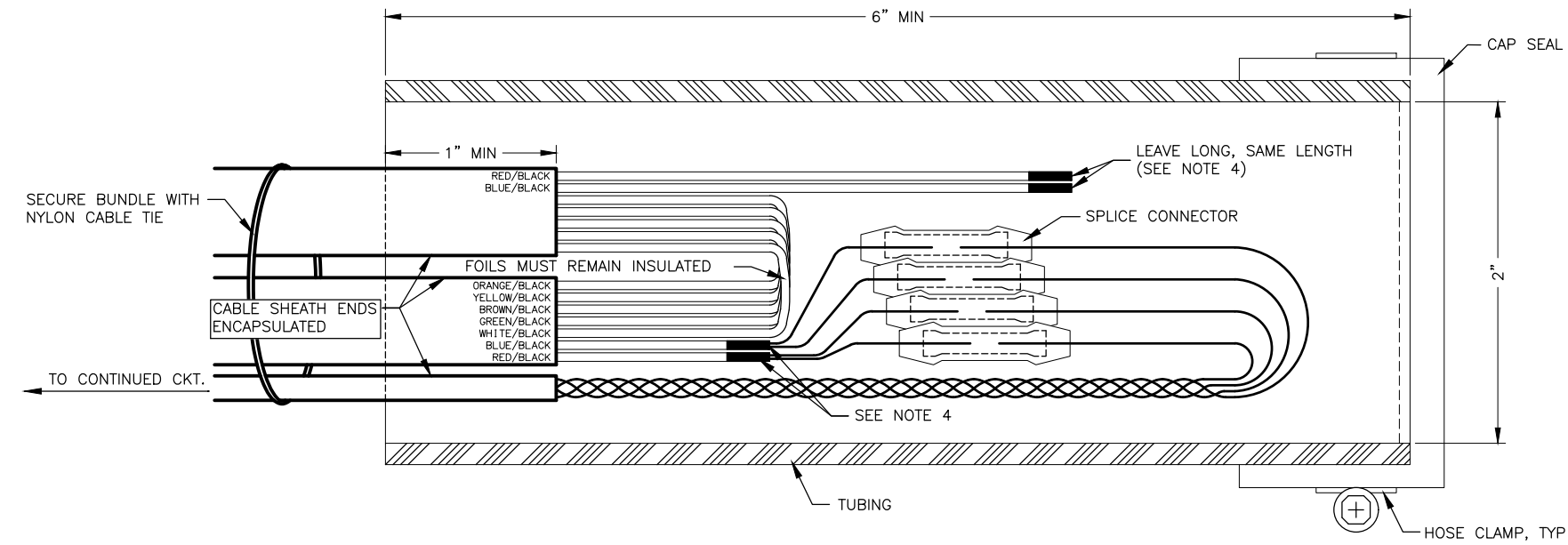
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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001656/CFHWY00545 <del>0A16056/CFHWY01033</del>	2024	H8	H100

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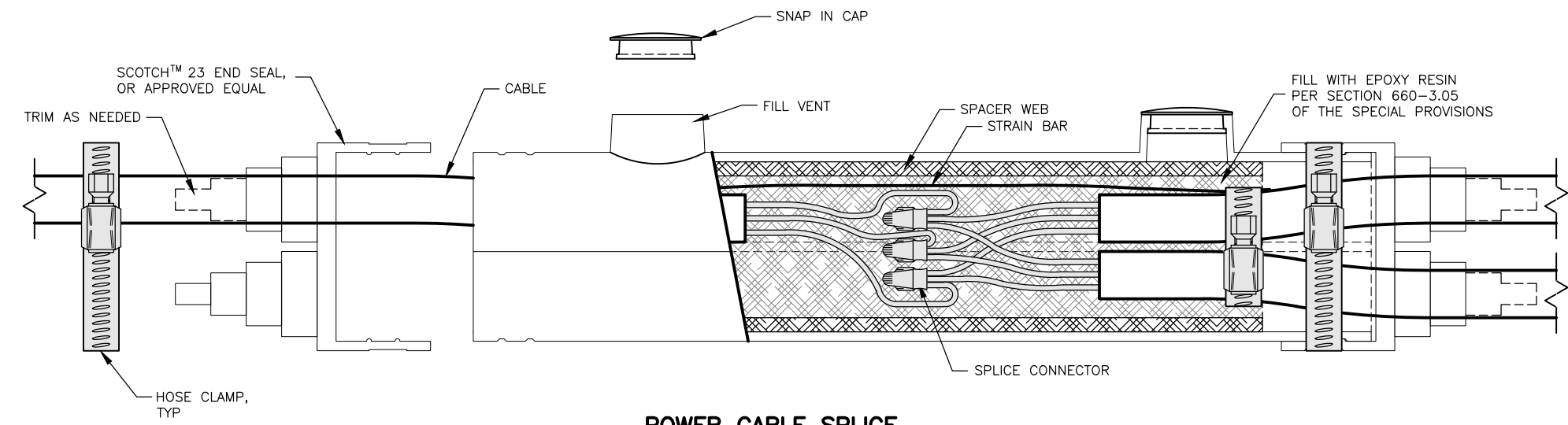


**LOOP LEAD-IN SPLICE**  
NTS

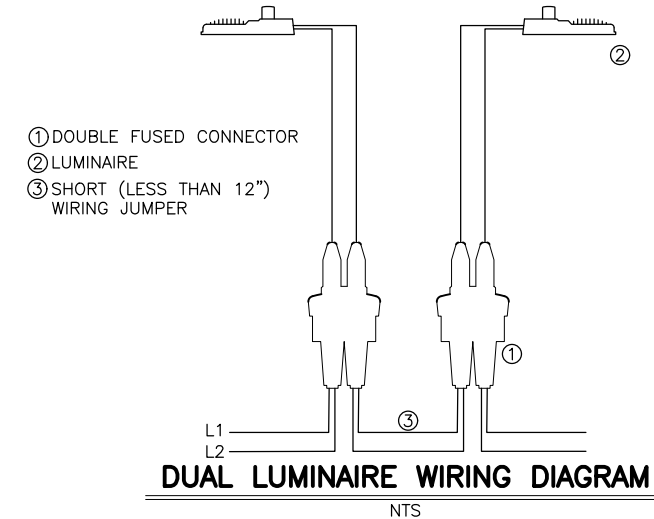
**NOTES:**

- LOOP LEAD-IN SPLICE**
1. FABRICATE LOOP LEAD-IN SPLICE IN THE FIELD AS SHOWN.
  2. CAP SEAL ONE END AND COMPLETELY FILL OPEN END WITH RE-ENTERABLE ENCAPSULATION COMPOUND TO EDGE OF TUBING.
  3. LEAVE A MINIMUM OF 1/2" CLEARANCE BETWEEN THE ENCLOSURE AND THE SPLICE AT BOTH ENDS OF THE TUBING.
  4. EXPOSE FOIL AND DRAIN WIRES, SEAL WITH HEAT SHRINK TUBING, TYP.
  5. INSTALL SPLICE CONNECTORS ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
- POWER CABLE SPLICE**
6. SECURE CABLE/CONNECTOR BUNDLE WITH HOSE CLAMPS AS SHOWN.

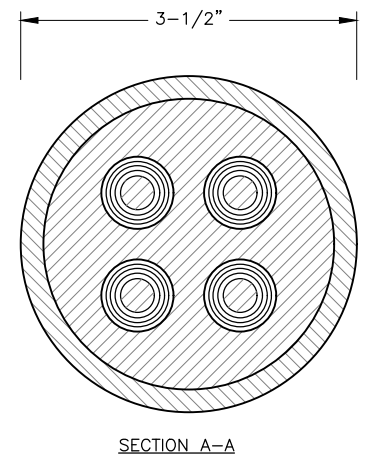
MATERIAL PROPERTIES	
<b>LOOP LEAD-IN SPLICE</b>	
TUBING	PER SECTION 660-3.05
CAP SEAL	FERNCO QWIK CAP #QC-102, OR APPROVED EQUAL
HOSE CLAMP	STAINLESS STEEL
SPLICE CONNECTOR	ML56-16, OR APPROVED EQUAL
COMPOUND	RE-ENTERABLE ENCAPSULATION
<b>POWER CABLE SPLICE</b>	
SPLICE KIT	3M MODEL 78R, OR APPROVED EQUAL
SPLICE CONNECTOR	SCOTCHLOCK G, R, OR Y SPRING CONNECTOR, OR APPROVED EQUAL
HOSE CLAMP	(4)- STAINLESS STEEL
EPOXY RESIN	PER SECTION 660-3.05
<b>DOUBLE FUSED CONNECTOR</b>	
DOUBLE FUSED CONNECTOR	SEC-1791-DF-1, OR APPROVED EQUAL
FUSES	(2) - COMPATIBLE 5-AMP TIME DELAY TYPE FOR LED FIXTURE OR 10-AMP FAST ACTING FOR ALL OTHER FIXTURES



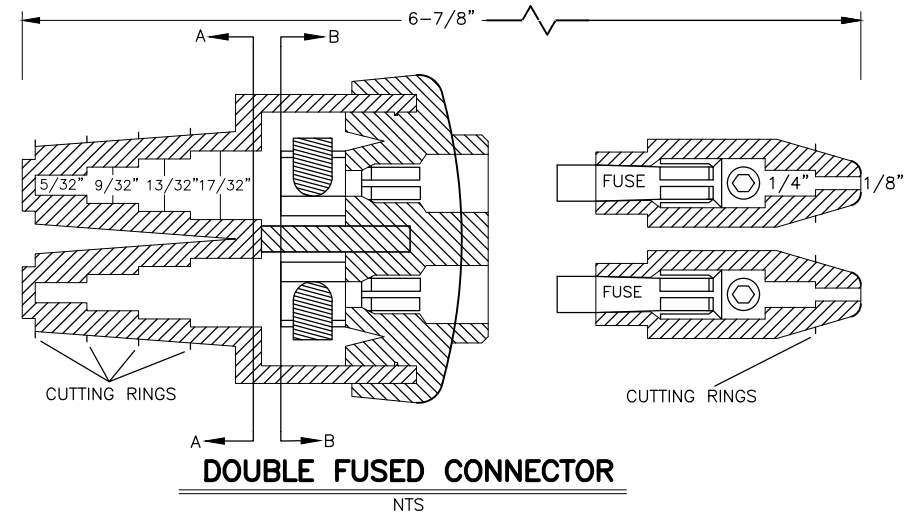
**POWER CABLE SPLICE**  
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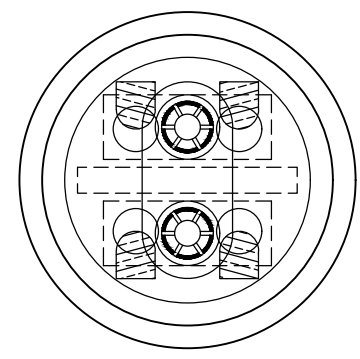
**DUAL LUMINAIRE WIRING DIAGRAM**  
NTS



SECTION A-A




**DOUBLE FUSED CONNECTOR**  
NTS



SECTION B-B

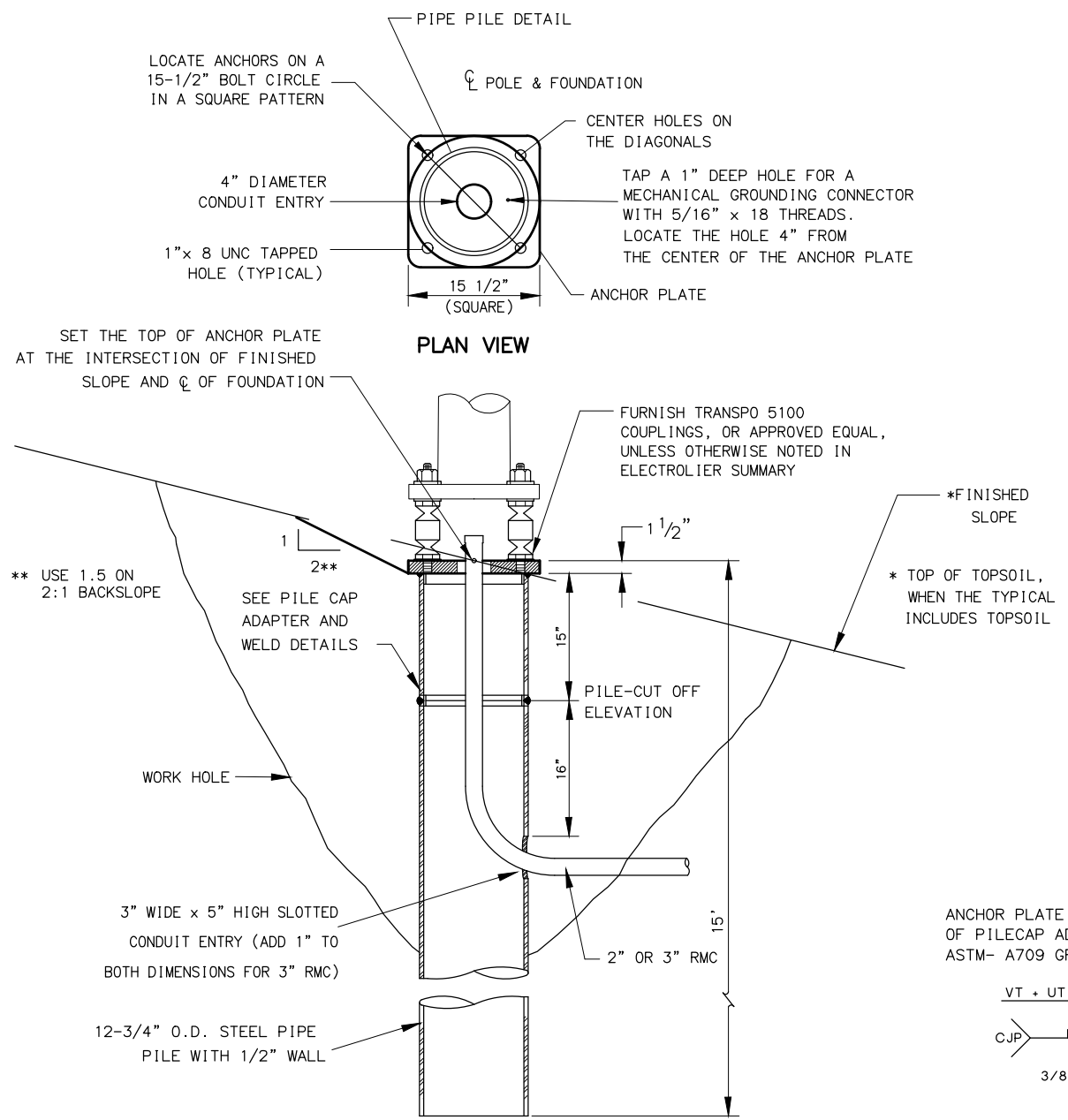
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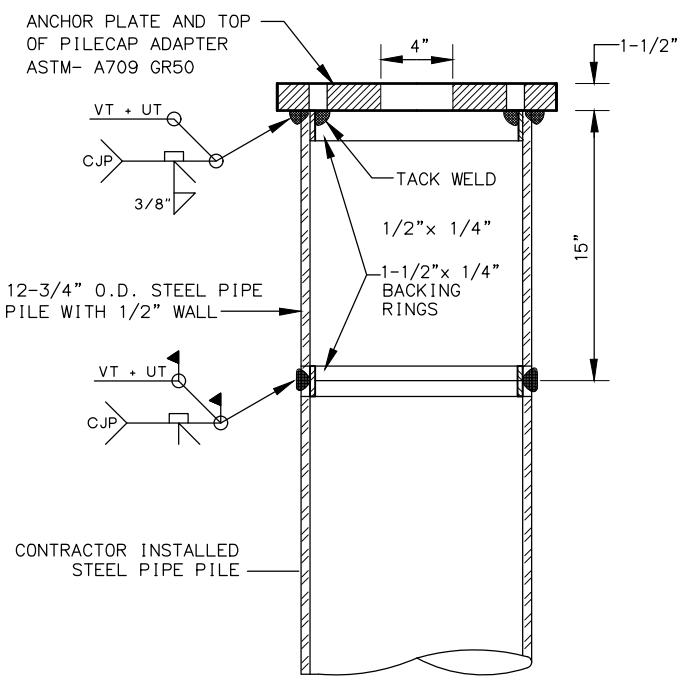
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**GLENN HWY:  
 AIRPORT HEIGHTS TO PARKS HWY  
 REHABILITATION**  
 SPLICE DETAILS

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001656/CFHWY00545 <del>0A16056/CFHWY01033</del>	2024	H9	H100

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**PIPE PILE FOUNDATION**  
(SHOWN WITH FRANGIBLE COUPLINGS)



**PILECAP ADAPTER AND WELD DETAILS**  
NOT TO SCALE

**DESIGN NOTES:**


- DESIGN STANDARD: 2001 STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRE AND TRAFFIC SIGNALS WITH 2006 INTERIM.
- DESIGN LOADS: 5-KIPS AXIAL, 7.5-KIPS SHEAR, 40-KIP-FT MOMENT.
- GALVANIZATION OF PILE IS NOT REQUIRED. UNLESS THE GROUND WATER TABLE IS FOUND TO BE, ABOVE 5 FEET, THEN GALVANIZE PILE ACCORDING TO SECTION 505.
- CHARPY TEST FOR ELECTROLIER POLE PILE FOUNDATIONS ARE NOT REQUIRED.

MATERIAL REQUIREMENTS		
STRUCTURAL STEEL PLATE	ASTM A709 GRADE 50	Fy = 50 ksi
STEEL PIPE PILE	ASTM A709, GRADE 50 T3 API 5L GRADE X 42	Fy = 50 ksi Fy = 42 ksi

**NOTES:**

- FURNISH STEEL PIPE PILES THAT CONFORM TO THE MATERIAL REQUIREMENTS AND SECTION 660, 715 AND 740 OF THE SPECIFICATIONS. NO SPLICES ARE ALLOWED BELOW THE PILECAP ADAPTER.
- DRIVE PILES OPEN ENDED. COMPLETE PILE WORK ACCORDING TO SECTIONS 505, 660 AND 715 OF THE SPECIFICATIONS. REMOVE AND REINSTALL PILES OUT OF PLUMB MORE THAN 1:40.
- FRESH HEAD THE TOP OF PILES IN A LEVEL PLANE AND CUT THE CONDUIT ENTRANCE HOLE AFTER DRIVING THE PILE. NOTE; ONLY MECHANICAL OR PLASMA CUTTER MEANS ARE PERMITTED. OXY-FUEL CUTTING IS PROHIBITED.
- FURNISH ONLY SHOP FABRICATED PILECAP ADAPTERS. INCLUDE STAMPED ENGINEERING CALCULATIONS, DRAWINGS, MILL CERTIFICATIONS AND WELDING PLANS FOR PILECAP ADAPTERS AND THE PILECAP ADAPTER TO PILE WELD. WELDING SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST EDITION OF THE AWS D1.1, STRUCTURAL WELDING CODE-STEEL AND THE SPECIFICATIONS.
- WAIT AT LEAST 3 DAYS AFTER BACKFILLING THE WORK HOLE BEFORE ERECTING THE LUMINAIRE POLE.
- TERMINATE CONDUIT(S) 3" ABOVE THE TOP OF THE ANCHOR PLATE. INSTALL A GROUNDING BUSHING ON THE END OF THE RIGID METAL CONDUIT AND ESTABLISH A BOND WITH THE ANCHOR PLATE.

**PRELIMINARY**



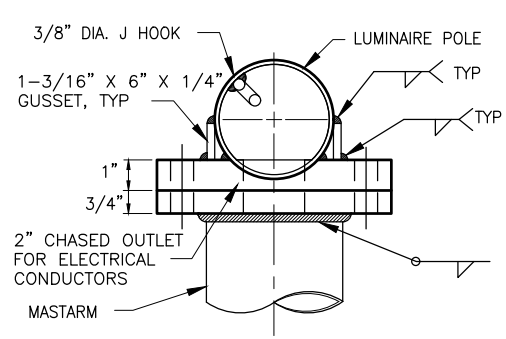
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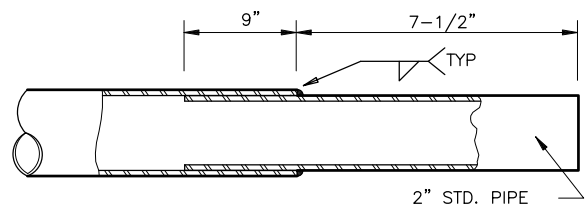
STATE OF ALASKA  
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**GLENN HWY:  
AIRPORT HEIGHTS TO PARKS HWY  
REHABILITATION**

**ELECTROLIER PIPE PILE  
FOUNDATION AND BREAKAWAY  
SUPPORT DETAIL**

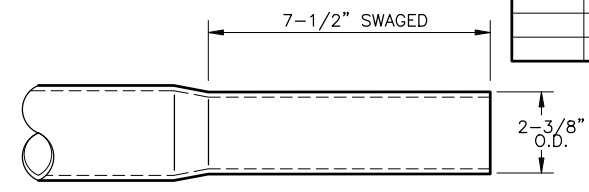


**TOP VIEW**

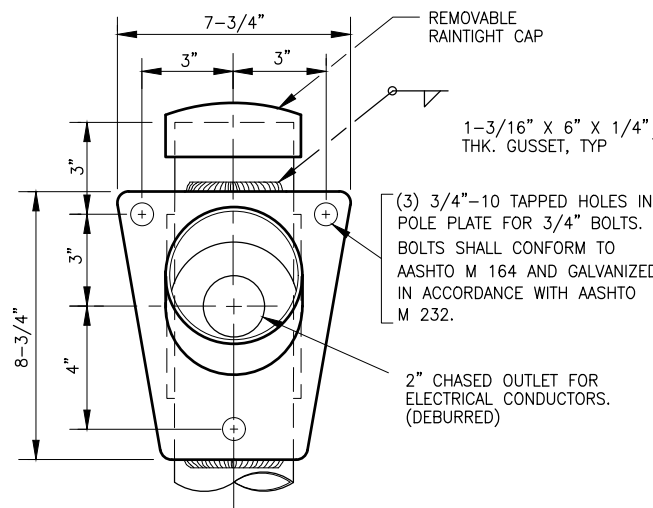


**TENON**

**END OF MASTARM DETAIL**

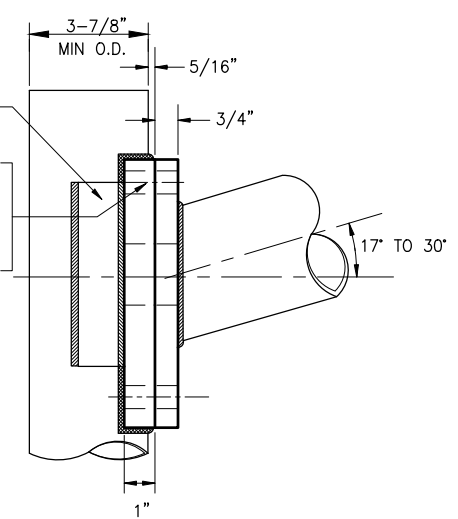


**OPTIONAL SWAGED TENON**

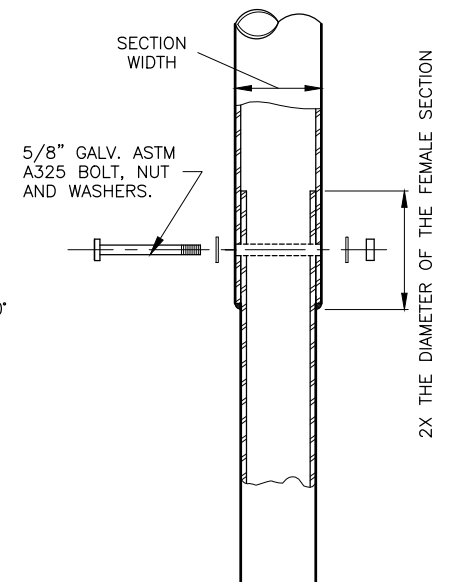


**FRONT VIEW**

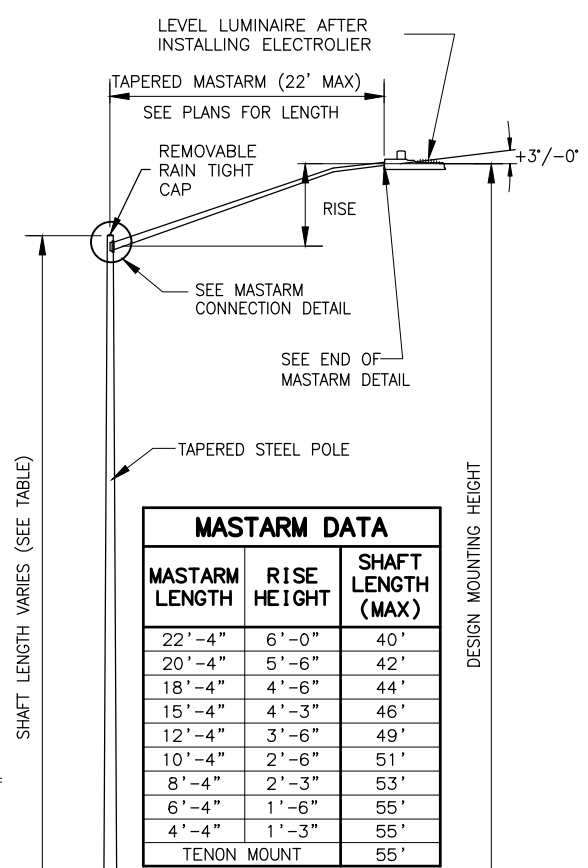
**MASTARM CONNECTION DETAIL**



**SIDE VIEW**

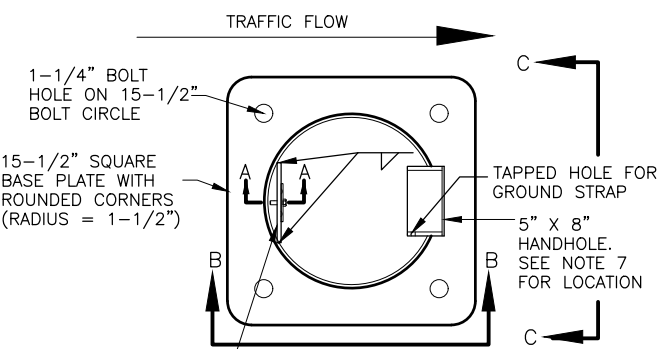


**POLE CONNECTION DETAIL**



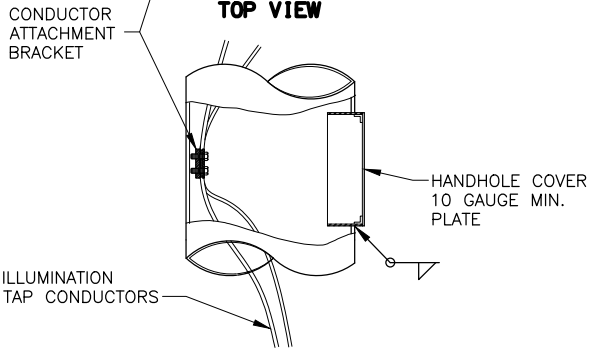
**ELECTROLIER ELEVATION**

MASTARM TYPE

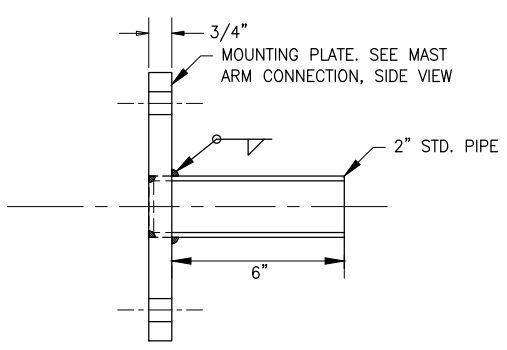


**TOP VIEW**

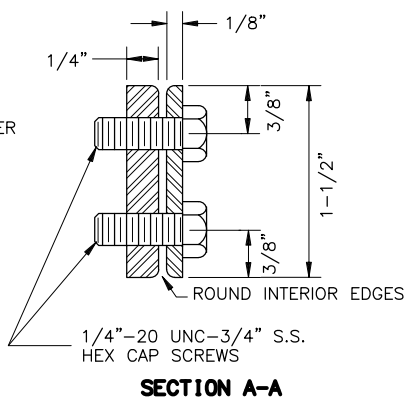
**BASE PLATE AND HAND HOLE DETAIL**



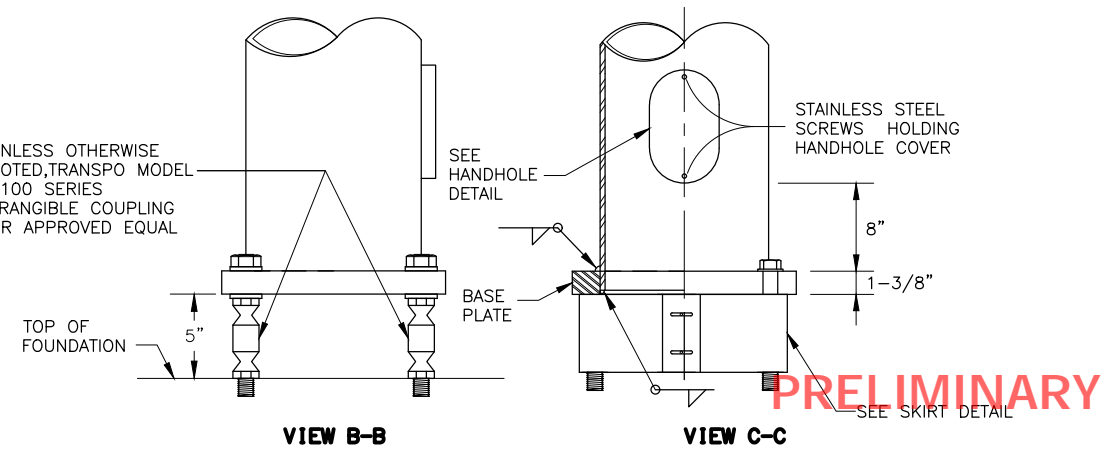
**SIDE VIEW**



**TENON MOUNT DETAIL**

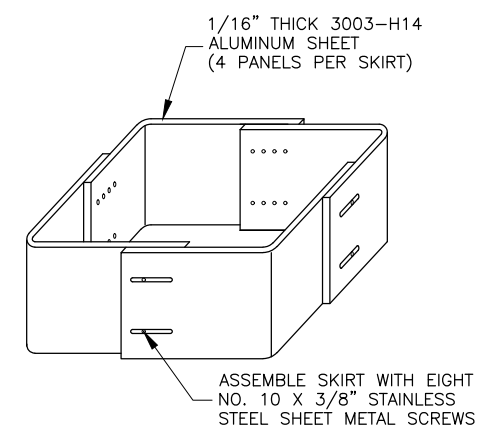


**SECTION A-A**



**VIEW B-B**

**VIEW C-C**



**SKIRT DETAIL**

- NOTES:**
- DESIGN AND FABRICATE ALL SHAFTS TO SUPPORT A MASTARM 22 FEET LONG WITH LUMINAIRE. ASSUME EACH LUMINAIRE WEIGHS 55 POUNDS AND HAS AN EFFECTIVE PROJECTED AREA OF 1.2 SQUARE FEET. WITH THIS DEAD LOAD, LIMIT THE ANGULAR ROTATION TO THE POLE TOP 1'40"0" MAXIMUM.
  - WELD SIZE TO BE DETERMINED BY THE MANUFACTURER.
  - MOUNTING HEIGHT, IF SPECIFIED IN THE PLANS, REFERS TO THE HEIGHT OF LUMINAIRE ABOVE THE ROADWAY. ADJUST EACH POLE'S SHAFT LENGTH TO MAINTAIN THIS DIFFERENCE IN ELEVATION WHENEVER SLOPE AND/OR OFFSET VARIES.
  - MINIMUM OUTSIDE DIAMETER AT THE TOP OF POLE EQUALS 3-7/8". POLE DIAMETER SHALL TAPER UNIFORMLY FROM THE TOP OF THE POLE TO THE BASE PLATE, WITH A MAXIMUM TAPER RATE OF 0.14" PER FOOT.
  - APPLY AN ANTI-SEIZING COMPOUND TO ALL THREADED SURFACES, INCLUDING THOSE IN THE ANCHOR PLATE AND ON THE COUPLINGS.
  - MASTARM RISE MAY VARY ±6" FROM THE VALUES LISTED IN THE TABLE.
  - LOCATE THE HANDHOLE AT 90 DEGREES TO THE MASTARM ON THE SIDE OF POLE DOWNSTREAM FROM TRAFFIC FLOW.
  - FURNISH ALL POLES WITH A J-HOOK TO SUPPORT THE ILLUMINATION TAP CONDUCTORS. FURNISH ALL MASTARM POLES WITH A REMOVABLE RAIN TIGHT CAP.
  - MOUNT LIGHTING STANDARDS UPON TRANSPO MODEL NO. 5100 FRANGIBLE COUPLINGS AND TRANSPO TYPE B FEMALE ANCHORS, OR APPROVED EQUAL.
  - INSTALL ALL COMPONENTS OF THE BREAKAWAY SUPPORT SYSTEM IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS.
  - FABRICATE THE SKIRT FROM FOUR PIECES OF 1/16" THICK 3003 H-14 ALUMINUM SHEET. BEND EACH PLATE TO PROVIDE CORNERS WITH A 3/4" RADIUS. ASSEMBLE THE SKIRT WITH #10 X 3/8" SELF TAPPING STAINLESS SCREWS OR POP RIVETS. THE ASSEMBLED SKIRT MEASURES ABOUT 12-3/4" SQUARE.
  - A JUNCTION BOX IS REQUIRED AT EACH NEW ELECTROLIER. INSTALL THE JUNCTION BOX IMMEDIATELY BEHIND THE FOUNDATION APPROXIMATELY 7' FROM POLE UNLESS OTHERWISE SPECIFIED IN THE PLANS.

 <b>8/29/2024</b>	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES  <b>GLENN HWY:                  AIRPORT HEIGHTS TO PARKS HWY                  REHABILITATION</b>
PLANS DEVELOPED BY: KINNEY ENGINEERING, LLC 3909 Arctic Blvd., Suite 400 ANCHORAGE, AK 99503 (907) 346-2373 CERT. OF AUTH. NO. AECL 1102	<b>LIGHTING STANDARD 1 DETAILS</b>

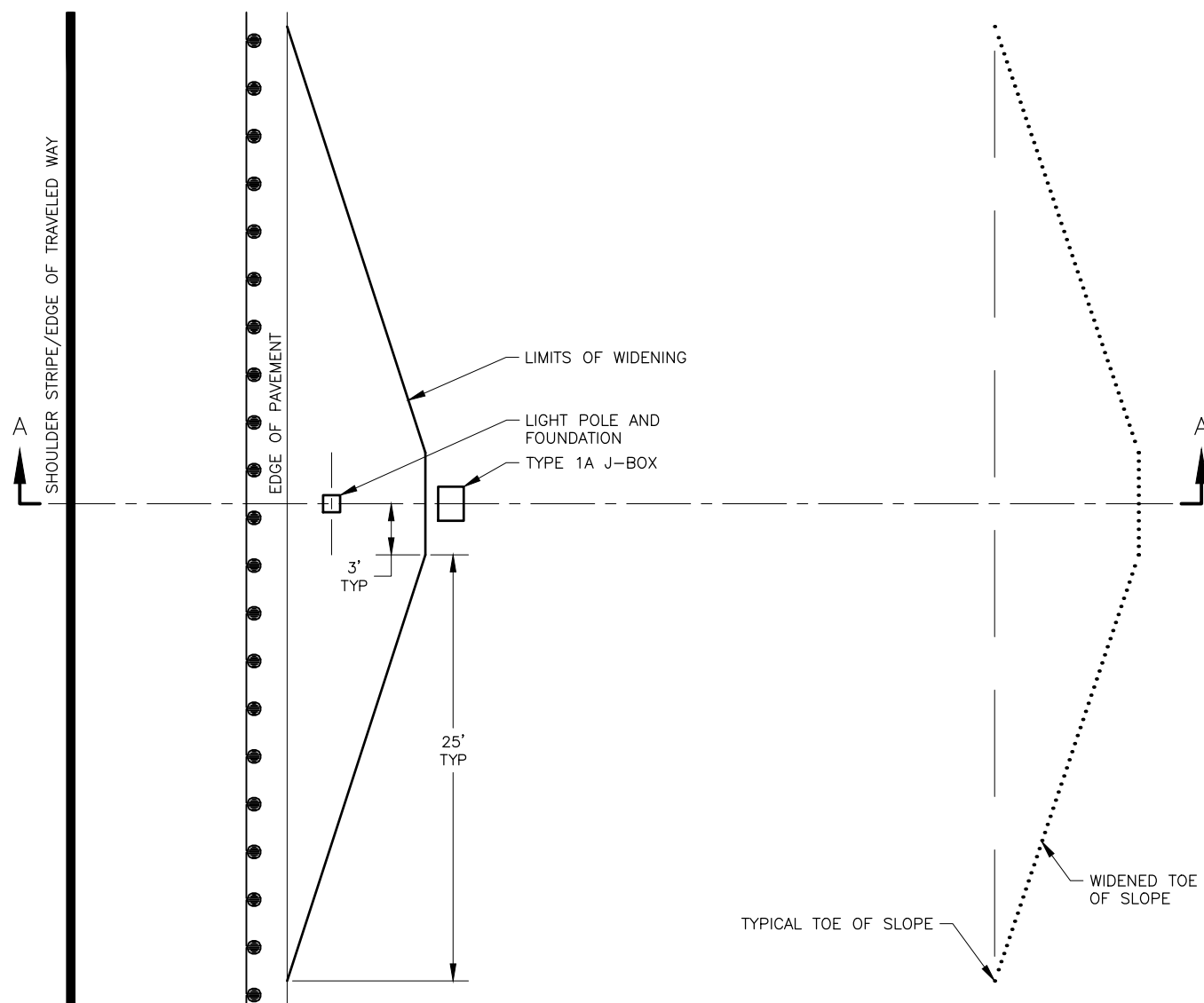
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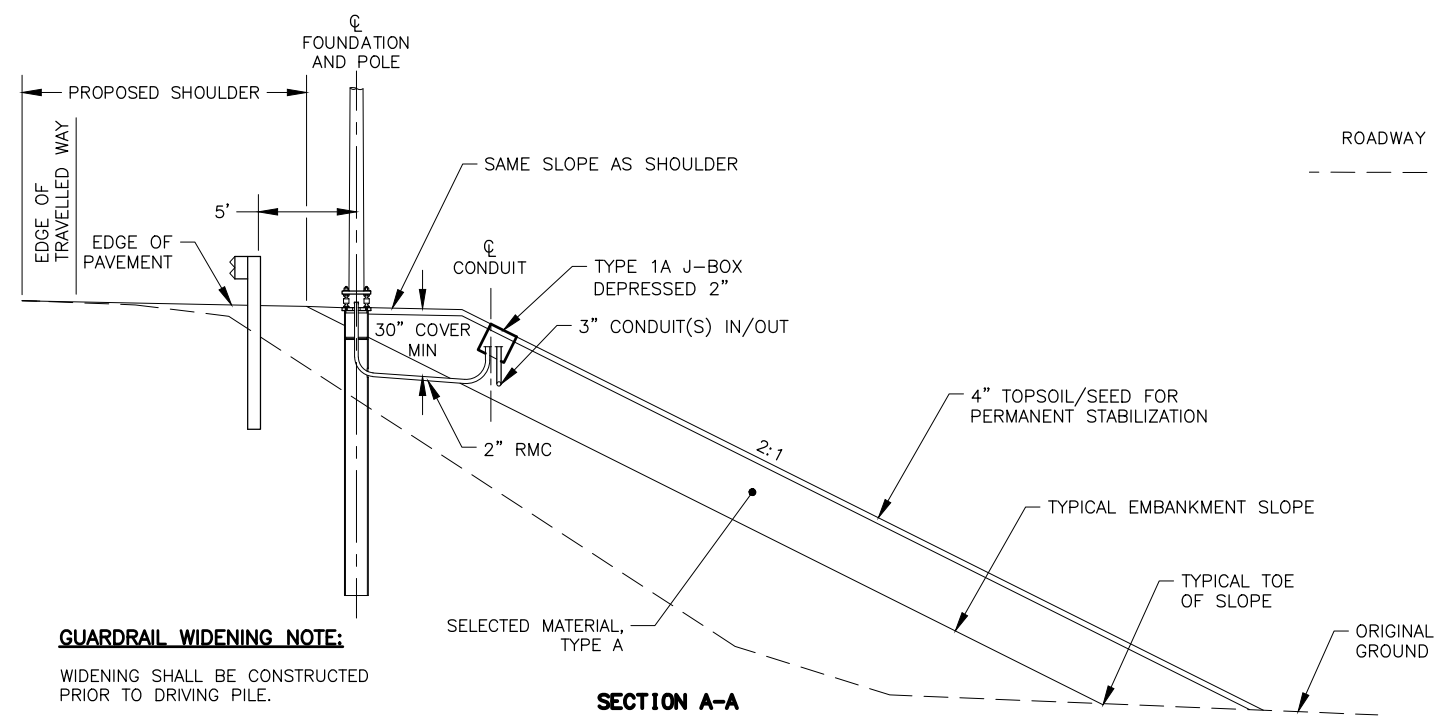
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001656/CFHWY00545 <del>0A16056/CFHWY01033</del>	2024	H11	H100

**TYPICAL POLE AND J-BOX INSTALLATION NOTES:**

1. LOCATE THE CENTER OF THE FOUNDATION/POLE AT THE STATION AND OFFSET SHOWN IN THE ELECTROLIER SCHEDULE. FIXED POLES ARE ONLY PERMITTED WHERE FOUNDATION/POLE IS AT LEAST 42-FT FROM TRAVELED WAY. WHERE POLES ARE LESS THAN 42-FT FROM TRAVELED WAY FLATTEN THE SLOPES PER DETAILS ON SHEETS H12 AND H13.
2. INSTALL CONDUITS AND J-BOXES AS SHOWN. REDUCE OFFSET FROM TRAVELED WAY TO AVOID PLACING IN DITCH BOTTOMS OR ON TOP OF UTILITIES.
3. USE RMC BETWEEN POLE AND J-BOX.
4. PERMANENTLY STABILIZE DISTURBED GROUND W/ 4" TOPSOIL AND SEED. DISTURBED GROUND AREAS WILL NOT BE MEASURED FOR PAYMENT AND ALL REQ'D WORK AND MATERIALS SHALL BE SUBSIDIARY TO 660.0003.0000 PAY ITEM.
5. COMPLETE ALL WORK WITHIN ROW LIMITS. CLEARING AND GRUBBING REQUIRED FOR INSTALLATION SHALL BE SUBSIDIARY TO 660.0003.0000 PAY ITEM.

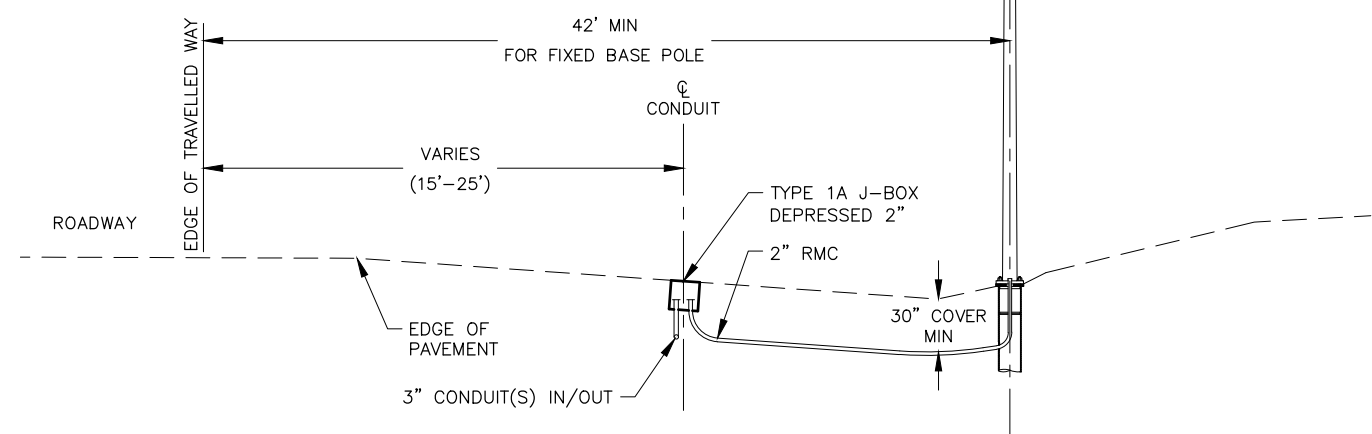


**PLAN VIEW**  
NTS



**SECTION A-A**  
**GUARDRAIL WIDENING**  
NTS

**GUARDRAIL WIDENING NOTE:**  
WIDENING SHALL BE CONSTRUCTED PRIOR TO DRIVING PILE.



**TYPICAL LIGHT POLE AND J-BOX INSTALLATION**  
NTS

DRAWING LOCATION: Z:\PROJECTS\009777\_GLENN HWY AIRPORT HTS TO PARKS HWY\DWGS\C\SHEETS\00945\_H7-H14\_LIGHTING-DETAILS.DWG  
DESIGNED BY: [ ]  
CHECKED BY: [ ]  
DRAFTED BY: [ ]  
SCALE: 1" = 1'  
DATE: 8/29/2024 8:17 PM  
TIME: [ ]

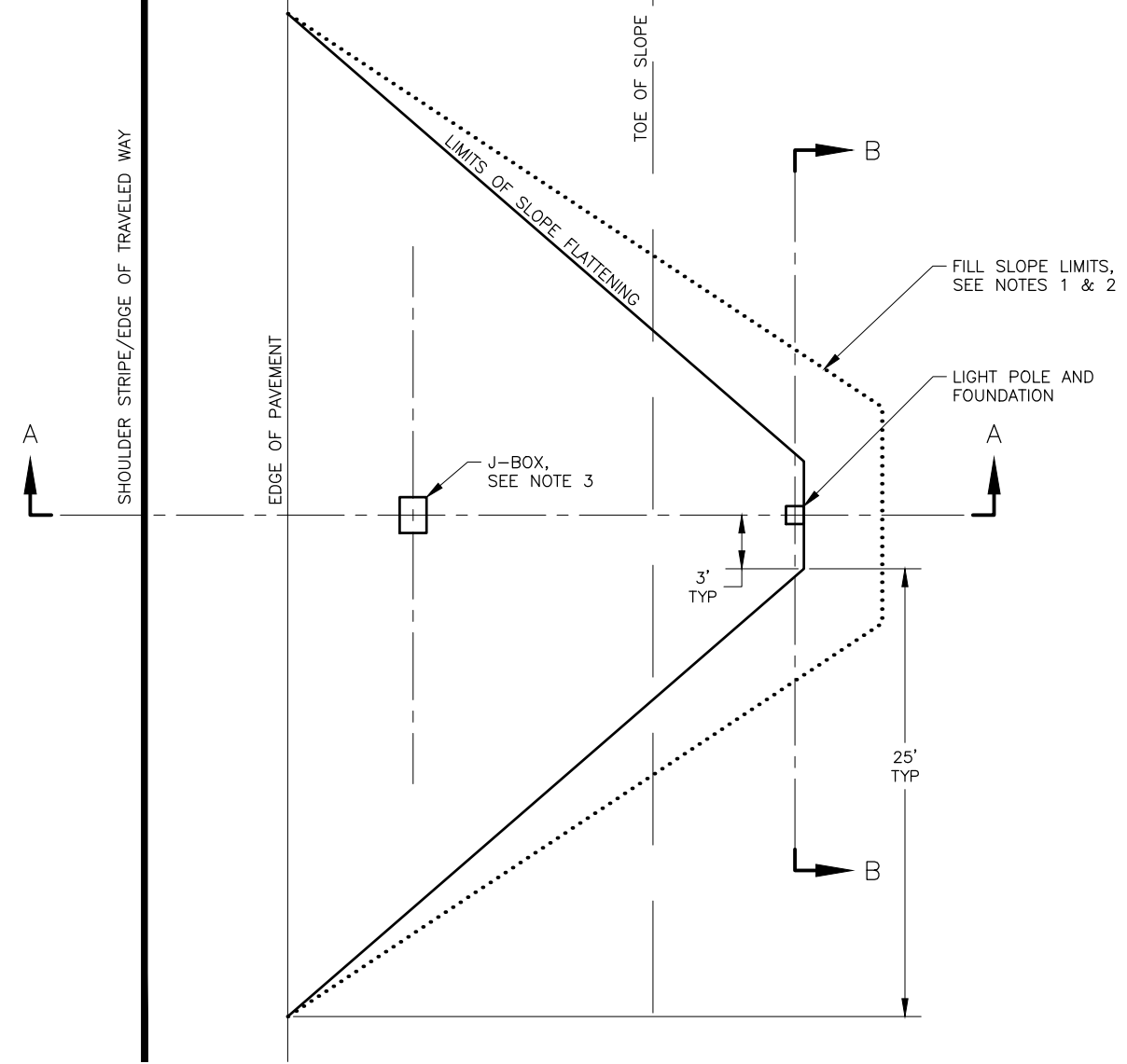
**PRELIMINARY**

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

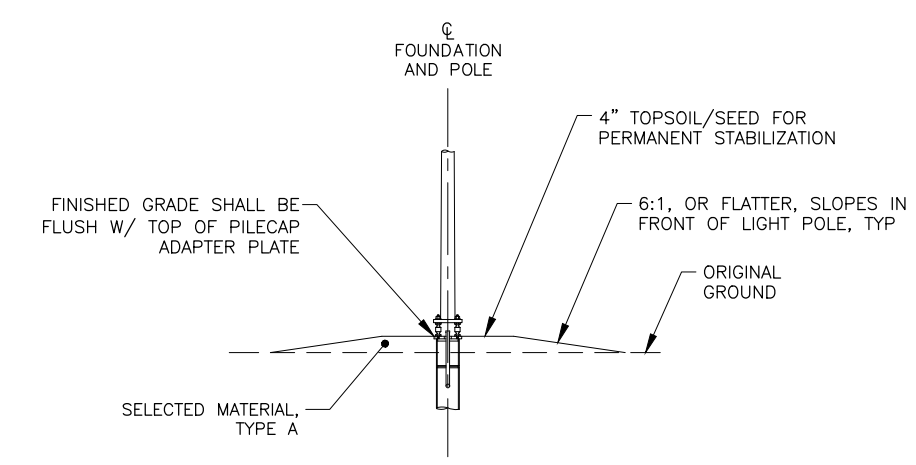
STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
**GLENN HWY:  
AIRPORT HEIGHTS TO PARKS HWY  
REHABILITATION**  
**LIGHTING INSTALLATION DETAILS**



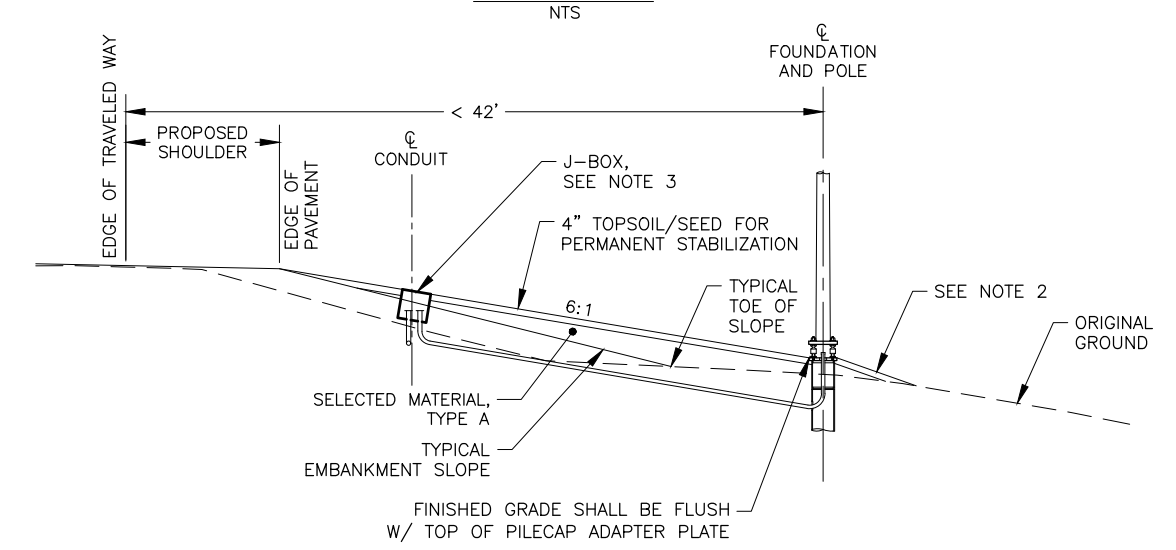
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001656/CFHWY00545 <del>0A16056/CFHWY01033</del>	2024	H12	H100



**PLAN VIEW**  
NTS



**SECTION B-B**



**SECTION A-A**  
**FORESLOPE FLATTENING DETAIL**  
NTS

- NOTES:**
- SLOPES IN FRONT OF POLE SHALL BE 6:1 OR FLATTER.
  - SLOPE BEHIND POLE SHALL BE 3:1 OR FLATTER.
  - SEE TYPICAL LIGHT POLE AND J-BOX INSTALLATION DETAIL ON SHEET H11 FOR J-BOX AND CONDUIT DETAILS.

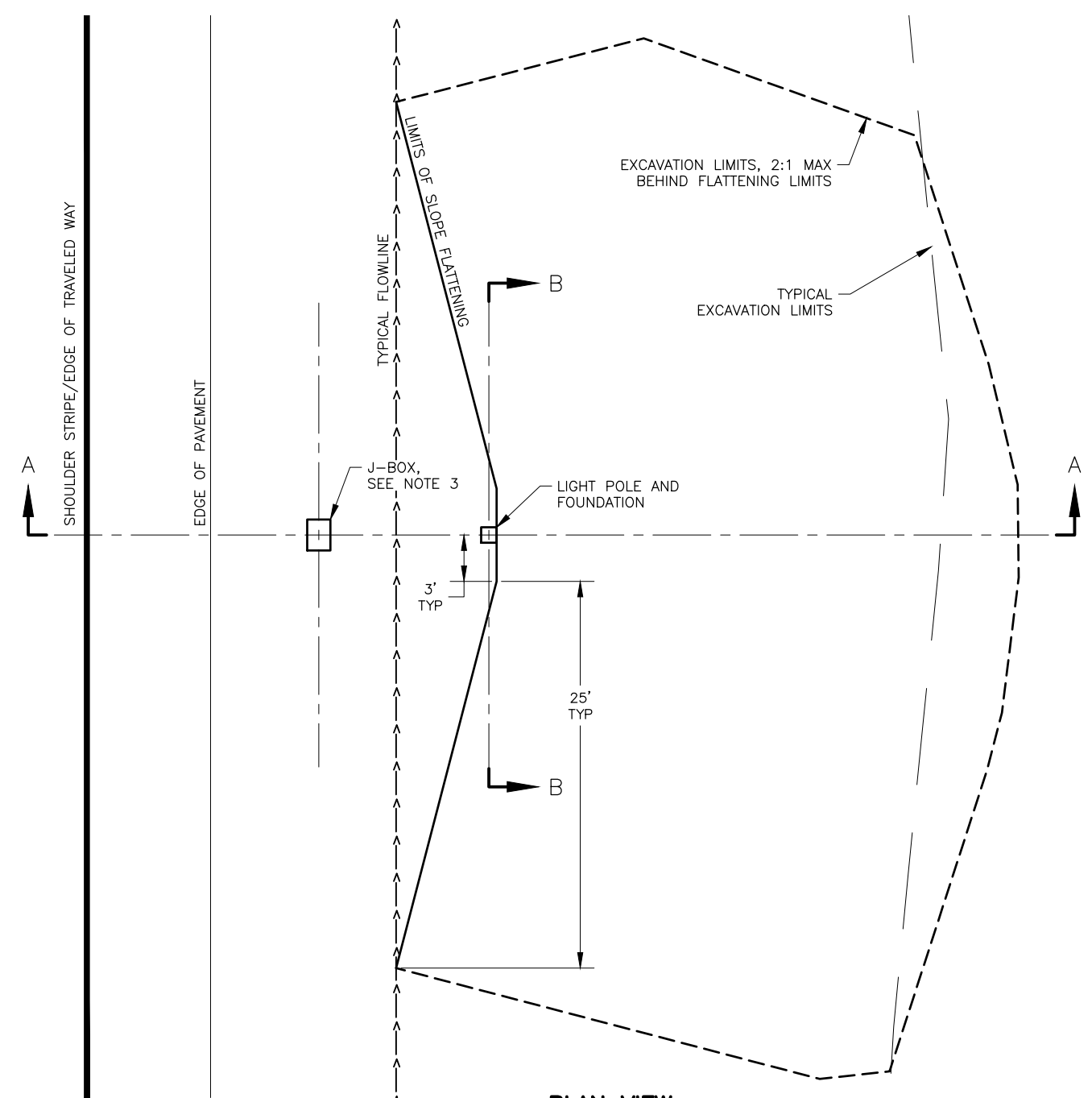
**PRELIMINARY**

 <b>8/29/2024</b>	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES  <b>GLENN HWY:          AIRPORT HEIGHTS TO PARKS HWY          REHABILITATION</b>  <b>FORESLOPE FLATTENING DETAIL          FOR BREAK AWAY LIGHT POLES</b>
PLANS DEVELOPED BY: KINNEY ENGINEERING, LLC 3909 Arctic Blvd, Suite 400 ANCHORAGE, AK 99503 (907) 346-2373 CERT. OF AUTH. NO. AECL 1102	

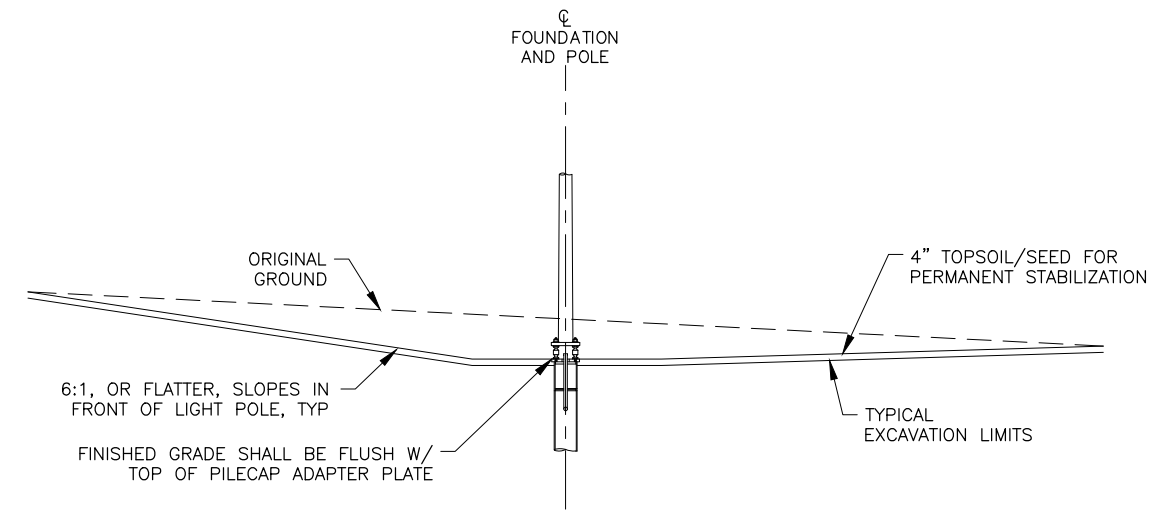
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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001656/CFHWY00545 <del>0A16056/CFHWY01033</del>	2024	H13	H100

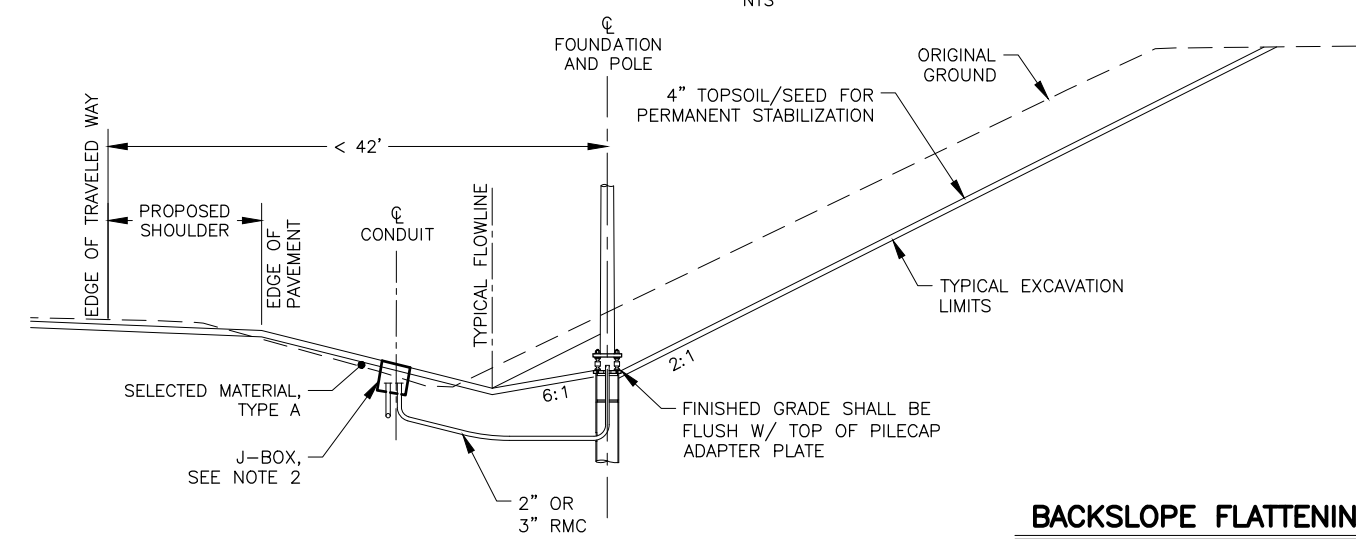
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**PLAN VIEW**  
NTS



**SECTION B-B**



**SECTION A-A**  
NTS

**BACKSLOPE FLATTENING DETAIL**  
NTS

**NOTES:**

- SLOPES IN FRONT OF POLE SHALL BE 6:1 OR FLATTER.
- SEE TYPICAL LIGHT POLE AND J-BOX INSTALLATION DETAIL ON SHEET H11 FOR J-BOX AND CONDUIT DETAILS.

**PRELIMINARY**

 <b>8/29/2024</b> <small>PLANS DEVELOPED BY: KINNEY ENGINEERING, LLC 3909 Arctic Blvd., Suite 400 ANCHORAGE, AK 99503 (907) 346-2373 CERT. OF AUTH. NO. AECL 1102</small>	<small>STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES</small> <b>GLENN HWY: AIRPORT HEIGHTS TO PARKS HWY REHABILITATION</b> <b>BACKSLOPE FLATTENING DETAIL FOR BREAK AWAY LIGHT POLES</b>
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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001656/CFHWY00545 <del>0A16056/CFHWY01033</del>	2024	H15	H100

LOW MOUNT LUMINAIRE PERFORMANCE CRITERIA	
ROADWAY CHARACTERISTICS	
TRAFFIC FLOW	2 WAY
LANE WIDTH	12 FEET
NO. OF LANES	2 OR 3 IN EACH DIRECTION
MEDIAN WIDTH	50 FEET
PAVEMENT TYPE	R3
ROADWAY LIGHTING STANDARD	IESNA RP-8-14
ROADWAY CLASSIFICATION	FREEWAY CLASS B
ROADWAY LAMP CHARACTERISTICS	
IES DISTRIBUTION	TYPE III
INITIAL LUMENS	32,000 MIN
WATTAGE	215W-230W
IES DISTRIBUTION	TYPE II
INITIAL LUMENS	23,000 MIN
WATTAGE	148W-175W
LED LAMP CHARACTERISTICS	
COLOR TEMPERATURE	4000K
CRI	70 MIN
VOLTAGE	480V
POWER FACTOR	> 0.9
LIGHT LOSS FACTOR	0.85
POLE CHARACTERISTICS	
MOUNTING HEIGHT	45 FEET
LUMINAIRE SETBACK	VARIES
ARM LENGTH	VARIES
SPACING	VARIES
LUMINANCE CRITERIA	
ROADWAY LUMINANCE, AVG	0.40 CD/SQ. M MIN
ROADWAY LUMINANCE, MIN	0.3 CD/SQ. M
UNIFORMITY RATIO AVG/MIN	3.5 MAX
UNIFORMITY RATIO MAX/MIN	6.0 MAX
VEILING RATIO	0.3 MAX
ISOLATED INTERSECTION ILLUMINANCE CRITERIA*	
ROADWAY ILLUMINANCE, AVG	0.6 FC MIN
UNIFORMITY RATIO AVG/MIN	3.0 MAX

\*CALCULATION AREA IS ALONG THE PARALLEL ACCELERATION LANE AND ADJACENT THROUGH LANE FROM BEGINNING/END OF TAPER TO BEGINNING/END OF GORE STRIPE

**LIGHTING NOTES:**

- LUMINAIRES SHALL BE SUITABLE FOR 480V SUPPLY, AND COMPLY WITH SPECIAL PROVISIONS OF SECTION 740-2.18. LUMINAIRES SHALL PROVIDE THE AVERAGE INITIAL LUMINANCE, ILLUMINANCE, UNIFORMITIES, AND VEILING RATIO SPECIFIED IN THE PERFORMANCE CRITERIA SUMMARY. PROVIDE LIGHTING CALCULATIONS USING THE MANUFACTURER'S CURRENT PUBLISHED PHOTOMETRIC DATA IN ACCORDANCE WITH SPECIAL PROVISIONS OF SECTION 740-2.18 FOR ROADWAY LUMINAIRES.
- PRIOR TO INSTALLATION, CONTRACTOR SHALL REQUEST LOCATES FOR EXISTING UNDERGROUND UTILITIES, AND RECEIVE WRITTEN CONFIRMATION THAT ALL FACILITIES HAVE BEEN IDENTIFIED.
- WHERE EXISTING LIGHT POLES CONFLICT WITH PROPOSED SD INSTALLATION, STORE EXISTING LIGHT POLE AND LUMINAIRE UNTIL SD WORK IS COMPLETED. REINSTALL ON NEW PILE FOUNDATION IN EXISTING LOCATION. R&R J-BOX AND 2" RMC CONDUIT BETWEEN J-BOX AND FOUNDATION. ALL WORK AND MATERIALS REQ'D ARE SUBSIDIARY TO 660.0003.0000 PAY ITEM.
- WHERE EXISTING LIGHTING SYSTEM CONDUIT CONFLICTS WITH SD INSTALLATION, R&R EXISTING CONDUIT RUN IN KIND BETWEEN J-BOXES AND PROVIDE NEW CABLES THAT MATCHES EXISTING TO RESTORE LIGHTING SYSTEM TO EXISTING CONFIGURATION. ALL WORK AND MATERIALS REQ'D ARE SUBSIDIARY TO 660.0003.0000 PAY ITEM.

**FOUNDATIONS NOTES:**


- STATION & C.L. REFERENCE ARE TO THE CENTER OF THE STRUCTURE, EXCEPT ON LOOPS WHICH ARE TO THE CENTER OF THE TRAILING EDGE OF THE LOOP (EDGE NEAREST INTERSECTION).
- JUNCTION BOX LOCATIONS APPROXIMATE. LOCATE J-BOXES SO THAT THEY ARE LOCATED OUT OF THE PATHWAY, SIDEWALK, CURB RAMPS, AND DRAINAGE COLLECTION AREAS.
- INSTALL LOAD CENTER AND TRAFFIC CONTROLLER FOUNDATIONS WITHIN 1-DEGREE OF PLUMB.
- INSTALL ANCHOR BOLTS IN CAST FOUNDATIONS TO BE WITHIN 1:48 OF PLUMB.
- PERMANENTLY STABILIZE DISTURBED GROUND W/ 4" TOPSOIL AND SEED. DISTURBED GROUND AREAS WILL NOT BE MEASURED FOR PAYMENT AND ALL REQ'D WORK AND MATERIALS SHALL BE SUBSIDIARY TO 660.0003.0000 PAY ITEM.

**CONDUIT NOTES:**

- EXCEPT FOR SWEEPS INTO J-BOXES, LOAD CENTERS, AND POLES ALL CONDUITS SHALL BE HIGH DENSITY POLYETHYLENE (HDPE) MEETING REQUIREMENTS OF 740-2.06 AND OF SIZE SPECIFIED IN PLANS. SPLICES ARE ONLY PERMITTED IN CONDUIT RUNS IN EXCESS OF 1,000 LINEAR FEET OF EACH OTHER. THIS EXCLUDES SPLICES TO RMC SWEEPS. WHEN SPLICING HDPE USE HEAT FUSION JOINING PROCESS IN ACCORDANCE TO ASTM F2620-09E1.

DESIGNED BY: \_\_\_\_\_ CHECKED BY: \_\_\_\_\_ DRAFTED BY: \_\_\_\_\_  
 SCALE: \_\_\_\_\_ TIME: 8:19 PM DATE: 8/29/2024  
 DRAWING LOCATION: Z:\PROJECTS\00577 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C SHEETS\00545\_H15-H22\_LIGHTING\_SUMMARIES.DWG

**PRELIMINARY**

 <b>8/29/2024</b>	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES  <b>GLENN HWY:          AIRPORT HEIGHTS TO PARKS HWY          REHABILITATION</b>
PLANS DEVELOPED BY: KINNEY ENGINEERING, LLC 3909 Arctic Blvd, Suite 400 ANCHORAGE, AK 99503 (907) 346-2373 CERT. OF AUTH. NO. AECL 1102	<b>LIGHTING CRITERIA AND NOTES</b>



DRAWING LOCATION: Z:\PROJECTS\009777\GLENN HWY AIRPORT HTS TO PARKS\DWGS\SHEETS\00945-H15-H22-LIGHTING-SUMMARIES.DWG  
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### COBRAHEAD ELECTROLIER SCHEDULE

POLE NO.	STA	OFFSET	MASTARM LENGTH	SHAFT LENGTH	BASE TYPE	IES DISTRIBUTION	DIMMING	REMARKS
1	"G1" 308+86.4	105.8' L	18'-4"	39.1'	FIXED	TYPE III		
2	"G1" 311+31.4	110.0' L	22'-4"	39.4'	FIXED	TYPE III		
3	"G1" 313+76.4	105.8' L	18'-4"	43.7'	BREAK AWAY	TYPE III		
4	"G1" 316+21.4	105.8' L	18'-4"	43.4'	BREAK AWAY	TYPE III		
5	"G1" 318+66.4	101.9' L	15'-4"	43.8'	BREAK AWAY	TYPE III		
6	"G1" 321+11.4	101.8' L	15'-4"	43.8'	BREAK AWAY	TYPE III		
7	"G1" 323+56.4	105.8' L	18'-4"	43.4'	BREAK AWAY	TYPE III		
8	"G1" 326+01.4	107.8' L	18'-4"	43.0'	BREAK AWAY	TYPE III		
9	"G1" 328+31.6	154.7' L	18'-4"	45.3'	FIXED	TYPE II	80%	
10	"G1" 328+56.9	88.7' L	TENON	45.8'	BREAK AWAY	TYPE III		
11	"G1" 330+56.9	223.7' L	18'-4"	45.2'	FIXED	TYPE II	90%	INSTALL TYPE II J-BOX
12	"G1" 332+73.3	330.3' L	18'-4"	47.5'	FIXED	TYPE II		
13	"G1" 334+93.4	438.0' L	18'-4"	44.1'	FIXED	TYPE II	90%	
14	"G1" 335+45.0	242.2' R	12'-4"	43.7'	BREAK AWAY	TYPE II	80%	SEE BACKSLOPE FLATTENING DETAIL
15	"G1" 337+83.5	181.8' R	12'-4"	43.9'	BREAK AWAY	TYPE II	80%	SEE BACKSLOPE FLATTENING DETAIL
16	"G1" 340+18.0	139.2' R	12'-4"	43.9'	BREAK AWAY	TYPE II	80%	SEE BACKSLOPE FLATTENING DETAIL
17	"G1" 342+55.9	116.6' R	20'-4"	41.3'	BREAK AWAY	TYPE III		SEE BACKSLOPE FLATTENING DETAIL
18	"G1" 344+94.3	118.7' R	22'-4"	39.6'	FIXED	TYPE III		
19	"G1" 347+36.3	118.4' R	22'-4"	37.1'	FIXED	TYPE III		
20	"G1" 349+78.3	118.1' R	22'-4"	40.4'	FIXED	TYPE III		
21	"G1" 352+18.3	118.0' R	22'-4"	40.4'	FIXED	TYPE III		
22	"G1" 354+57.8	118.0' R	22'-4"	41.4'	FIXED	TYPE III		
23	"G1" 356+97.4	118.1' R	22'-4"	40.8'	FIXED	TYPE III		
24	"G1" 359+41.4	111.0' R	15'-4"	42.0'	FIXED	TYPE III		
25	"G1" 813+78.1	117.3' L	15'-4"	44.8'	BREAK AWAY	TYPE III	90%	SEE FORESLOPE FLATTENING DETAIL
26	"G1" 816+30.8	117.2' L	15'-4"	44.0'	BREAK AWAY	TYPE III	90%	SEE FORESLOPE FLATTENING DETAIL
27	"G1" 818+90.5	102.8' L	TENON	45.3'	BREAK AWAY	TYPE III	90%	SEE GUARDRAIL WIDENING DETAIL
28	"G1" 1007+06.8	112.1' L	15'-4"	51.2'	FIXED	TYPE III		
29	"G1" 1009+56.8	118.3' L	22'-4"	49.6'	FIXED	TYPE III		
30	"G1" 1012+07.0	97.7' L	TENON	50.6'	BREAK AWAY	TYPE III		SEE BACKSLOPE FLATTENING DETAIL. INSTALL TYPE II J-BOX & ADJUST LOCATION TO INTERCEPT EX CONDUIT.
31	"G1" 1031+74.8	100.5' R	22'-4"	38.2'	FIXED	TYPE III		
32	"G1" 1033+86.0	67.4' R	TENON	45.7'	BREAK AWAY	TYPE III	90%	SEE GUARDRAIL WIDENING DETAIL
33	"G1" 1036+06.0	67.7' R	TENON	45.3'	BREAK AWAY	TYPE III	90%	SEE GUARDRAIL WIDENING DETAIL
34	"G1" 1038+26.0	61.7' R	TENON	45.1'	BREAK AWAY	TYPE III	90%	SEE GUARDRAIL WIDENING DETAIL
35	"G1" 1057+75.7	98.5' L	18'-4"	45.7'	FIXED	TYPE III		
36	"G1" 1060+05.7	113.3' L	15'-4"	48.2'	FIXED	TYPE III		
37	"G1" 1062+35.9	119.6' L	22'-4"	47.9'	FIXED	TYPE III		
38	"G1" 1064+65.6	103.7' L	6'-4"	49.1'	FIXED	TYPE III		INSTALL TYPE II J-BOX
39	"G1" 1139+21.2	101.7' R	22'-4"	42.8'	FIXED	TYPE III		
40	"G1" 1141+61.2	103.3' R	22'-4"	45.3'	FIXED	TYPE III		
41	"G1" 1144+01.2	100.2' R	22'-4"	44.5'	FIXED	TYPE III		
42	"G1" 1146+41.2	98.5' R	22'-4"	40.8'	FIXED	TYPE III		
43	"G1" 1148+81.2	88.2' R	15'-4"	40.5'	FIXED	TYPE III		
44	"G1" 1174+77.2	88.4' L	12'-4"	37.7'	FIXED	TYPE III		ADJUST J-BOX LOCATION TO INTERCEPT EX LTG CONDUIT
45	"G1" 1177+19.2	98.9' L	18'-4"	42.2'	FIXED	TYPE III		
46	"G1" 1179+69.2	103.0' L	22'-4"	43.7'	FIXED	TYPE III		
47	"G1" 1182+19.3	75.9' L	TENON	45.4'	BREAK AWAY	TYPE III		SEE GUARDRAIL WIDENING DETAIL
48	"G1" 1184+69.3	76.0' L	TENON	45.8'	BREAK AWAY	TYPE III		SEE GUARDRAIL WIDENING DETAIL
49	"G1" 1187+19.3	104.3' L	TENON	45.4'	BREAK AWAY	TYPE III		SEE GUARDRAIL WIDENING DETAIL

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001656/CFHWY00545 <del>0A16056/CFHWY01033</del>	2024	H16	H100

**ELECTROLIER NOTES:**

1. FIXED BASE POLES SHALL NOT BE INSTALLED WITHIN THE CLEAR ZONE OR BEHIND GUARDRAIL. NOTIFY ENGINEER WHERE LOCATIONS SPECIFIED IN SCHEDULES RESULT IN FIXED BASE POLES LESS THAN 42 FEET FROM THE TRAVELED WAY OR WHERE POLES HAVE LESS THAN 5 FEET OF CLEARANCE TO GUARDRAIL. ADJUST LOCATION OR BASE TYPE AT DIRECTION OF ENGINEER.
2. PROVIDE LIGHTING STANDARDS PER SHEET H10.
3. ALL FOUNDATIONS ARE PIPE PILE PER DETAIL ON SHEET H9. DO NOT DRIVE PILES WITHIN 5 FEET OF WATERLINES. AT DIRECTION OF ENGINEER CHANGE TO STANDARD PLAN L-30.12 CONCRETE STREET LIGHT POLE FOUNDATION.
4. UNLESS NOTED OTHERWISE IN SCHEDULE INSTALL A TYPE IA J-BOX IN FRONT OF, OR BEHIND, FOUNDATION AS DEPICTED IN PLANS AND DETAILS. MODIFY OFFSET TO LOCATE J-BOX OUTSIDE OF DRAINAGE DITCH. DO NOT PLACE ON TOP OF BURIED UTILITIES. ADJUST LOCATION AS DIRECTED BY ENGINEER.
5. ORIENT LUMINAIRE MAST ARMS PERPENDICULAR TO ROADWAY UNLESS NOTED OTHERWISE IN ELECTROLIER SCHEDULE.
6. UNLESS OTHERWISE NOTED IN DIMMING COLUMN FIXTURES SHALL BE SET AT FULL OUTPUT.

PRELIMINARY



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**

LIGHTING SUMMARIES

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001656/CFHWY00545 <del>0A16056/CFHWY01033</del>	2024	H17	H100

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LIGHTING J-BOX SCHEDULE				
J-BOX NO.	STA	OFFSET	TYPE	REMARKS
101	"G1" 325+97.9	123.2' L	IA	
102	"G1" 330+97.7	171.4' L	IA	R&R EX J-BOX IN SAME LOCATION
103	"G1" 335+20.3	371.2' L	II	R&R EX J-BOX IN SAME LOCATION
104	"G1" 334+09.5	268.1' R	II	R&R EX J-BOX IN SAME LOCATION
105	"G1" 341+00.2	110.9' R	IA	R&R EX J-BOX IN SAME LOCATION
106	"G1" 340+99.1	76.8' R	IA	R&R EX J-BOX IN SAME LOCATION
107	"G1" 1010+57.3	87.8' L	II	R&R EX J-BOX IN SAME LOCATION
108	"G1" 1023+58.2	265.9' R	II	R&R EX J-BOX IN SAME LOCATION
109	"G1" 1025+72.4	200.6' R	II	
110	"G1" 1027+91.1	156.8' R	II	
111	"G1" 1027+84.7	122.2' R	II	R&R EX J-BOX IN SAME LOCATION
112	"G1" 1029+81.7	118.6' R	IA	
113	"G1" 1136+30.0	60.2' R	IA	
114	"G1" 1136+43.8	101.6' R	II	R&R EX J-BOX IN SAME LOCATION
115	"G1" 1189+52.8	143.8' L	II	R&R EX J-BOX IN SAME LOCATION

SALVAGE EXISTING ELECTROLIER SCHEDULE		
STA	OFFSET	REMARKS
"G1" 310+67.9	88.5' LT	
"G1" 315+11.5	88.8' LT	
"G1" 319+53.2	94.9' LT	
"G1" 323+97.1	101.4' LT	
"G1" 328+57.0	88.6' LT	
"G1" 330+88.9	204.8' LT	
"G1" 333+10.8	310.5' LT	
"G1" 335+12.4	415.7' LT	
"G1" 335+88.2	214.9' RT	
"G1" 337+21.2	173.0' RT	
"G1" 340+54.7	115.7' RT	
"G1" 341+70.2	120.1' RT	
"G1" 345+96.5	109.7' RT	
"G1" 350+22.7	100.9' RT	
"G1" 354+66.3	90.0' RT	
"G1" 359+41.4	89.7' RT	
"G1" 814+17.0	115.1' LT	
"G1" 817+16.1	114.1' LT	
"G1" 1007+56.5	98.2' LT	
"G1" 1010+56.8	95.9' LT	


SALVAGE EXISTING ELECTROLIER SCHEDULE		
STA	OFFSET	REMARKS
"G1" 1031+74.9	101.7' RT	
"G1" 1034+41.1	91.1' RT	
"G1" 1037+45.8	69.1' RT	
"G1" 1058+44.7	96.9' LT	
"G1" 1061+35.7	93.3' LT	
"G1" 1064+28.7	89.7' LT	
"G1" 1139+21.2	89.9' RT	
"G1" 1142+20.8	86.9' RT	
"G1" 1145+19.7	94.2' RT	
"G1" 1148+18.0	87.7' RT	
"G1" 1174+77.2	89.1' LT	
"G1" 1177+69.8	94.6' LT	
"G1" 1180+71.7	102.0' LT	
"G1" 1183+69.6	81.3' LT	
"G1" 1186+69.6	99.8' LT	

**SALVAGE NOTES:**

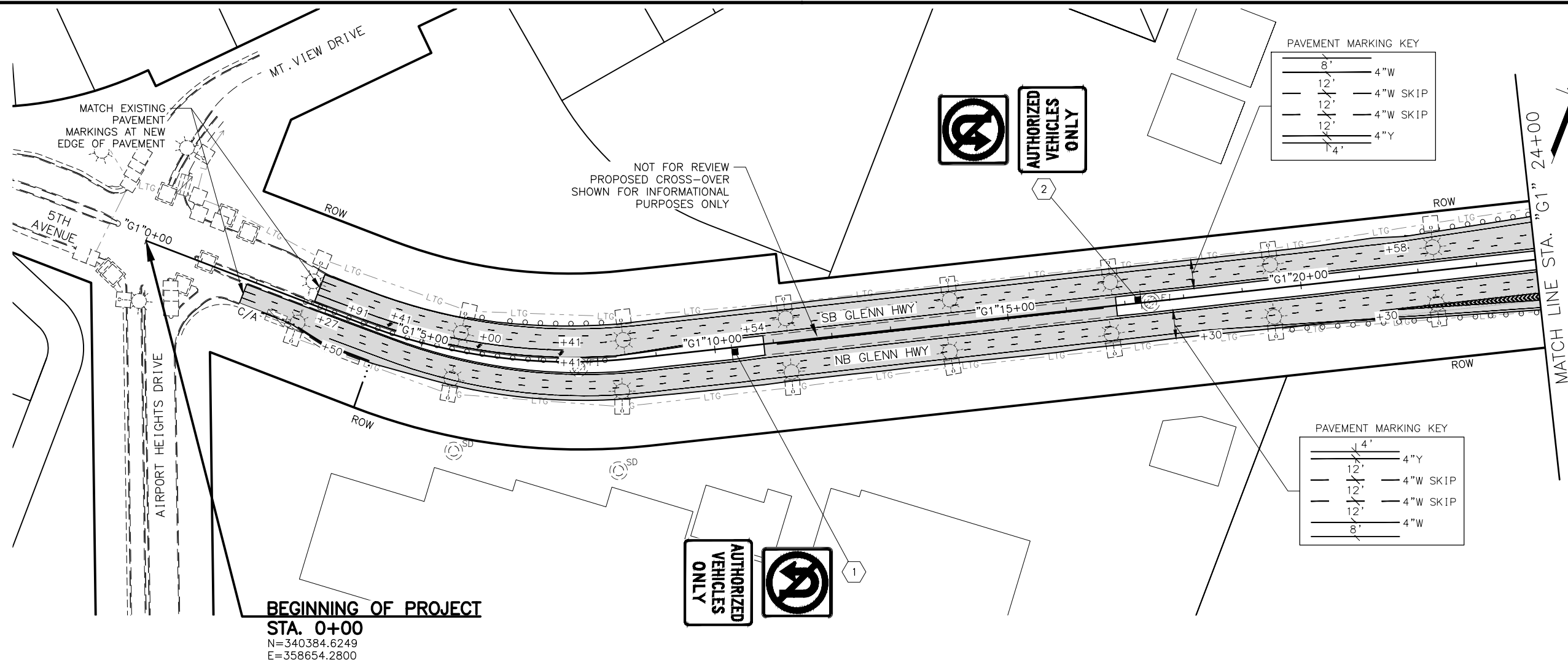
1. SALVAGE OF EXISTING ELECTROLIERS SHALL BE SUBSIDIARY TO 660.0003.0000 PAY ITEM.
2. REMOVE ASSOCIATED JUNCTION BOX AND ABANDON CONDUIT BELOW GRADE PER THE SPECIFICATIONS. ALL WORK AND MATERIALS REQUIRED SHALL BE SUBSIDIARY TO 660.0003.0000 PAY ITEM.

**SHEET NUMBERS  
H18-H22 INTENTIONALLY  
SKIPPED**

**PRELIMINARY**

 <b>8/29/2024</b>	<small>STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES</small> <b>GLENN HWY: AIRPORT HEIGHTS TO PARKS HWY REHABILITATION</b>
PLANS DEVELOPED BY: KINNEY ENGINEERING, LLC 3909 Arctic Blvd, Suite 400 ANCHORAGE, AK 99503 (907) 346-2373 CERT. OF AUTH. NO. AECL 1102	<b>LIGHTING SUMMARIES</b>

DRAWING LOCATION  
 Z:\PROJECTS\005777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00545\_H23-H72\_SSI.DWG  
 DATE 8/29/2024 9:00 PM  
 SCALE 1" = 100'  
 DESIGNED BY KE  
 CHECKED BY KE  
 DRAFTED BY KE



PAVEMENT MARKING KEY

8'	4"W
12'	4"W SKIP
12'	4"W SKIP
12'	4"W SKIP
14'	4"Y

PAVEMENT MARKING KEY

4'	4"Y
12'	4"W SKIP
12'	4"W SKIP
8'	4"W

AUTHORIZED VEHICLES ONLY

AUTHORIZED VEHICLES ONLY

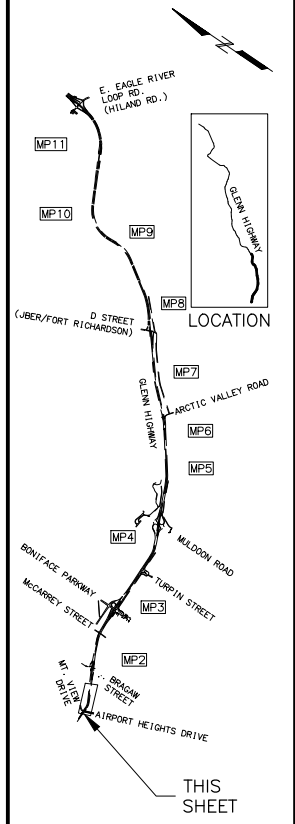
LEGEND

MILEPOST DESIGNATION #

SHEET NO.	TOTAL SHEETS
H23	H100
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION  
 0001656/  
 CFHWY00545

NO.	REVISION



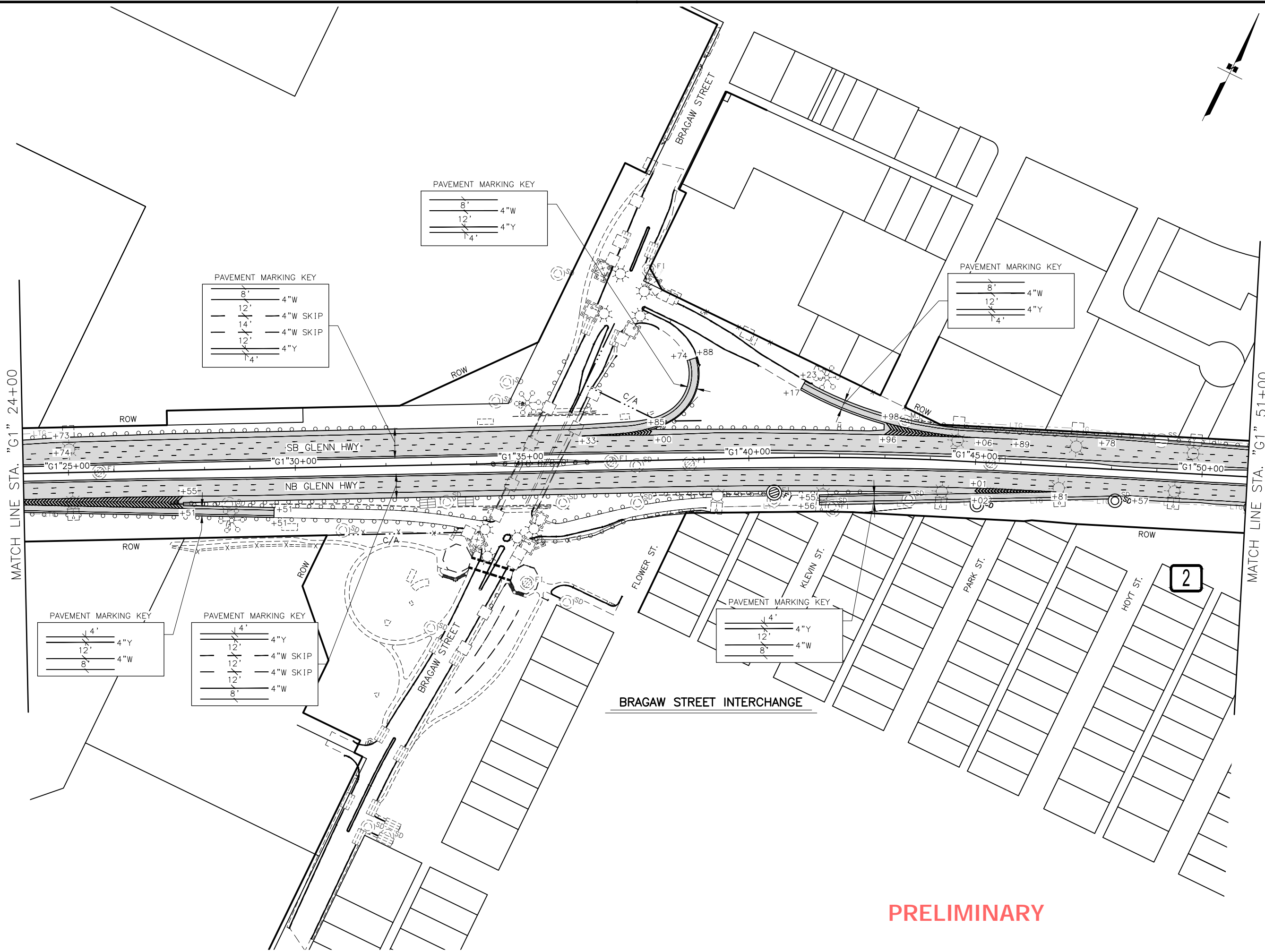
PIH  
 8/29/2024

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

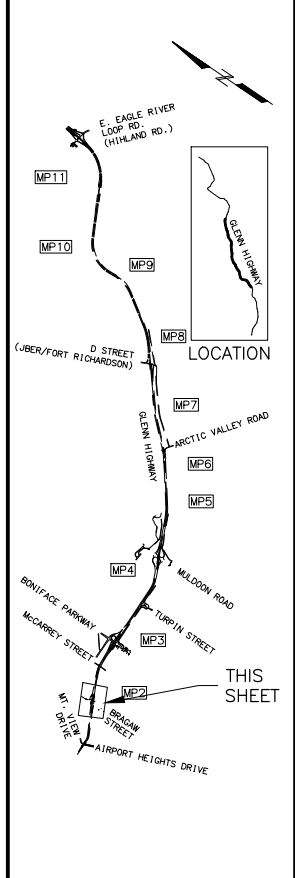
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION  
 SIGNING, STRIPING,  
 AND ILLUMINATION  
 STA. 0+00 TO  
 STA. 24+00

PRELIMINARY

DESIGNED BY: [ ]  
 CHECKED BY: [ ]  
 DRAFTED BY: [ ]  
 SCALE: 1" = 100'  
 TIME: 9:01 PM  
 DATE: 8/29/2024  
 DRAWING LOCATION: Z:\PROJECTS\00977\_GLENN\_HWY\_AIRPORT\_HTS\_TO\_PARKS\DWGS\C\SHEETS\00945\_H23-H23-H23-SS1.DWG



SHEET NO.	TOTAL SHEETS
H24	H100
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  
 SIGNING, STRIPING,  
 AND ILLUMINATION  
 STA. 24+00 TO  
 STA. 51+00

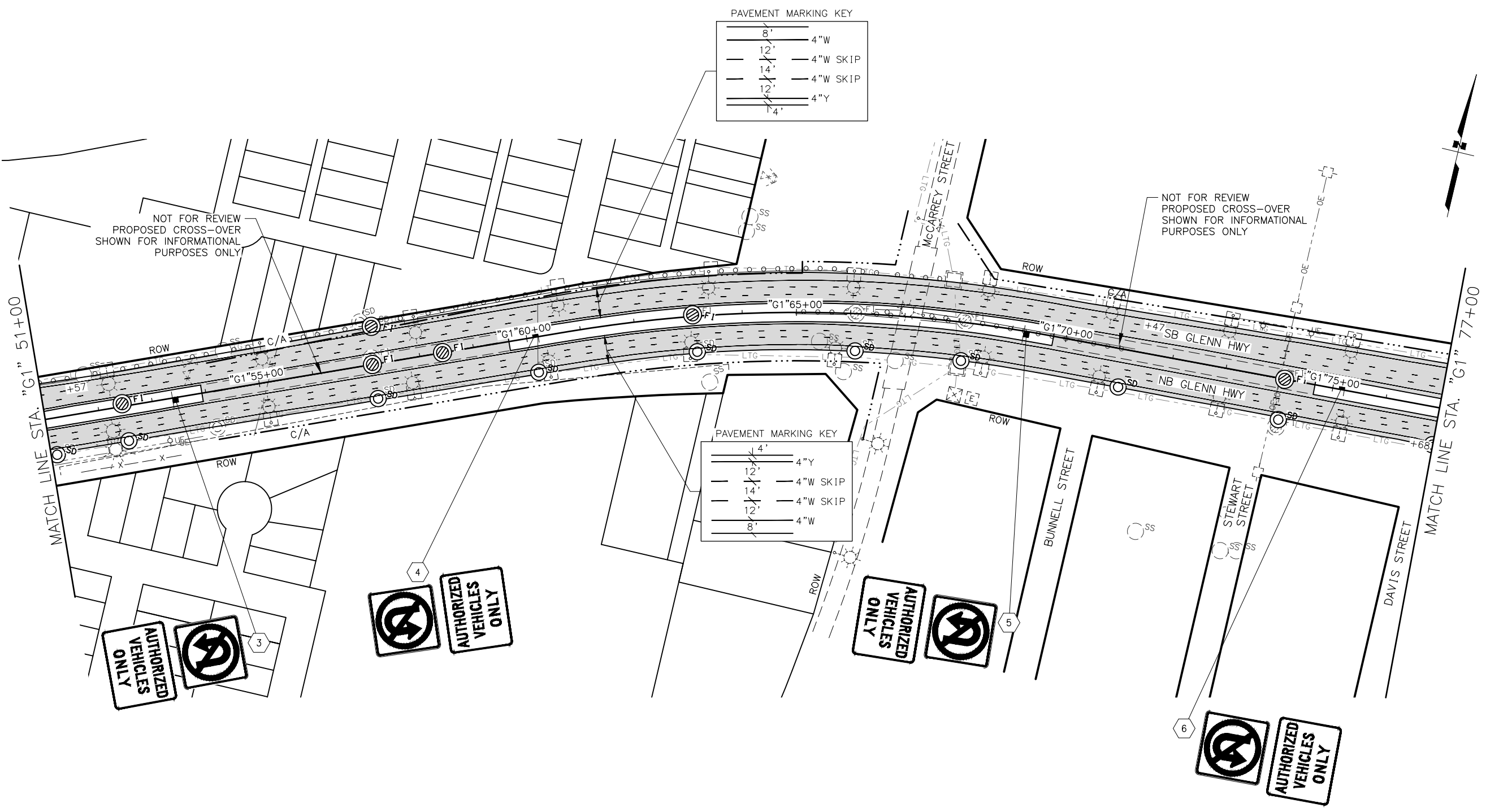
PRELIMINARY



DESIGNED BY: KE  
 CHECKED BY: KE  
 DRAFTED BY: KE

SCALE: 1" = 100'  
 TIME: 9:01 PM  
 DATE: 8/29/2024

DRAWING LOCATION: Z:\PROJECTS\005777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00545\_H23-H72\_SSI.DWG



PAVEMENT MARKING KEY

8" / 4"	4"W
12" / 4"	4"W SKIP
14" / 4"	4"W SKIP
12" / 4"	4"W
4"	4"Y

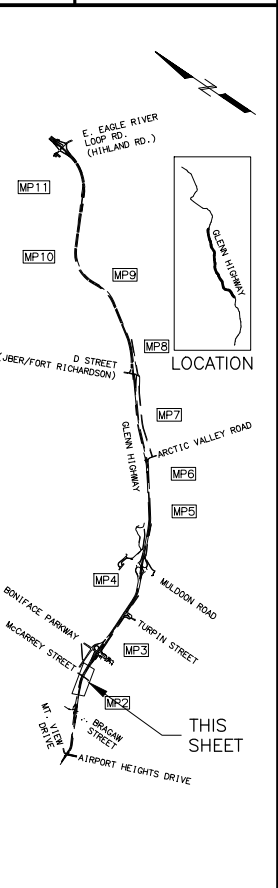
PAVEMENT MARKING KEY

4"	4"Y
12" / 4"	4"W SKIP
14" / 4"	4"W SKIP
12" / 4"	4"W
8"	4"W

SHEET NO. <b>H25</b>	TOTAL SHEETS <b>H100</b>
STATE <b>ALASKA</b>	YEAR <b>2024</b>

PROJECT DESIGNATION  
**0001656/  
 CFHWY00545**

NO.	REVISION



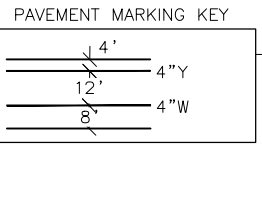
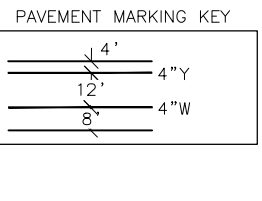
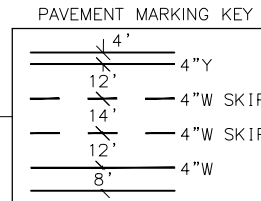
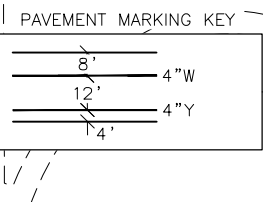
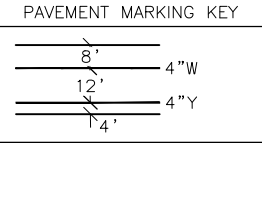
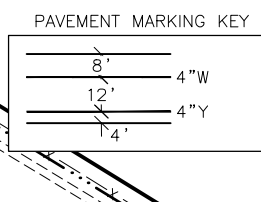
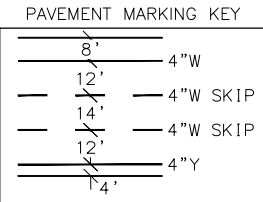
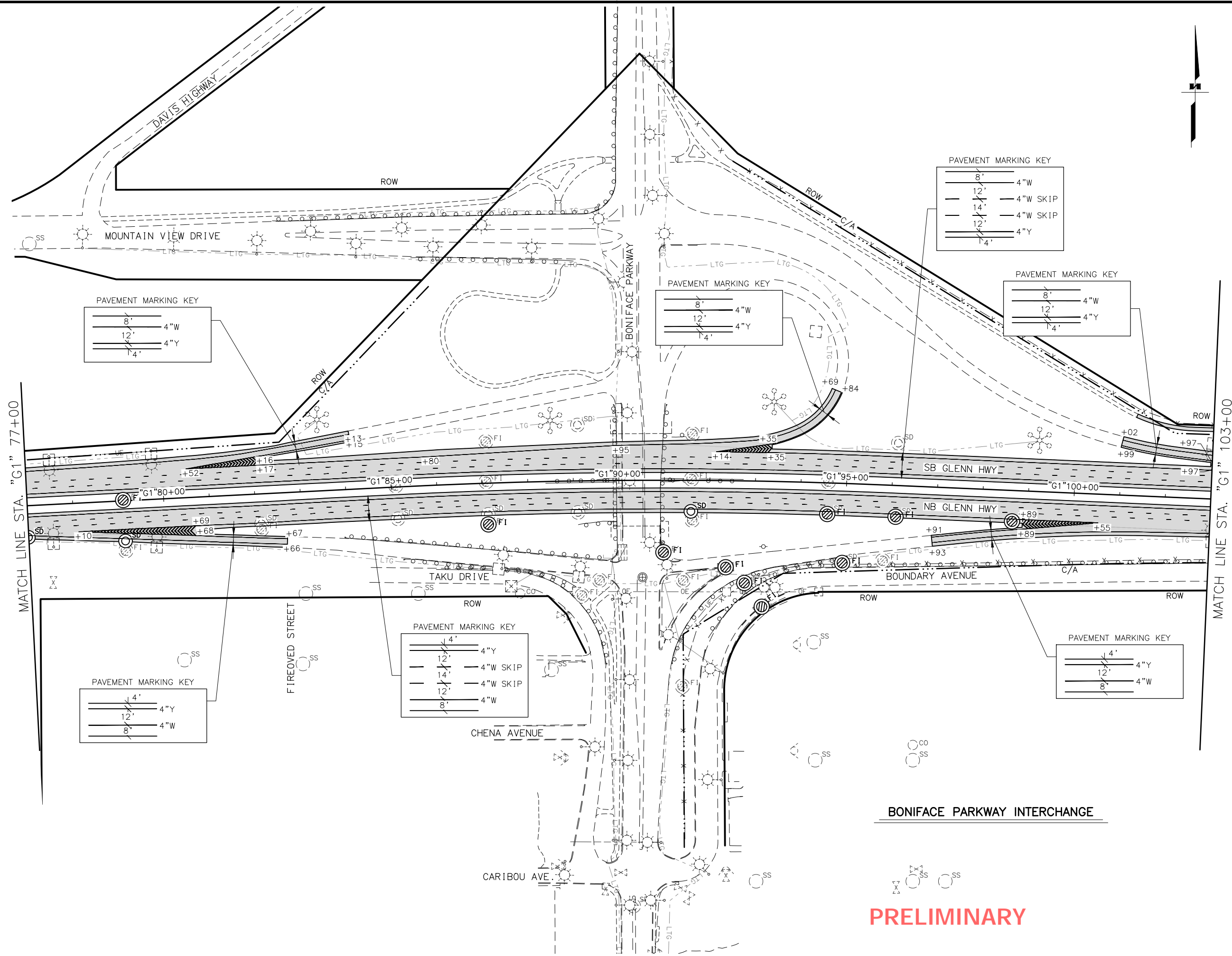
**PIH**  
**8/29/2024**

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  
 SIGNING, STRIPING,  
 AND ILLUMINATION**  
**STA. 51+00 TO  
 STA. 77+00**

**PRELIMINARY**

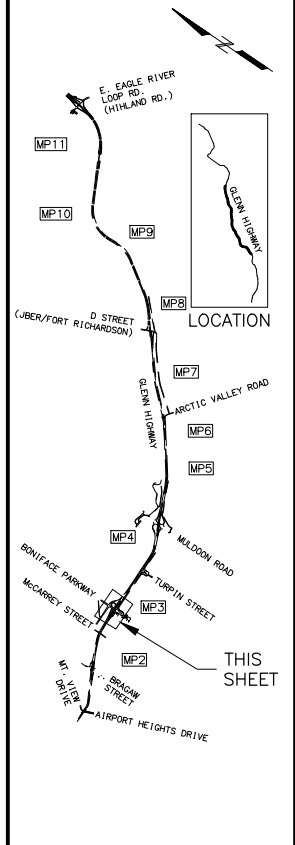
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 DATE: 8/29/2024 9:01 PM  
 SCALE: 1" = 100'  
 DESIGNED BY: KE  
 CHECKED BY: KE  
 DRAFTED BY: KE



SHEET NO.	TOTAL SHEETS
H26	H100
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  
SIGNING, STRIPING,  
AND ILLUMINATION  
STA. 77+00 TO  
STA. 103+00

BONIFACE PARKWAY INTERCHANGE

PRELIMINARY

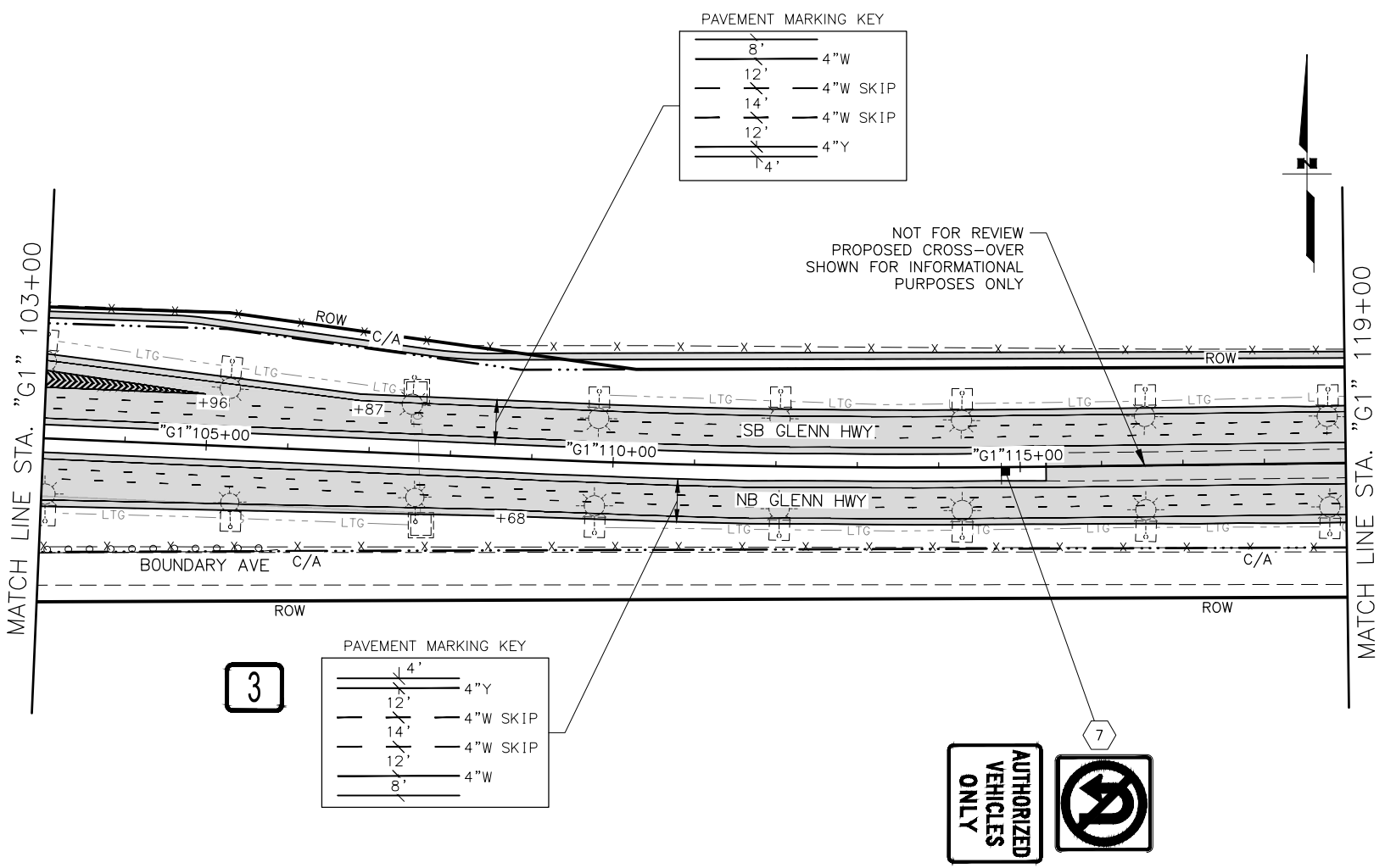
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 CHECKED BY: KE  
 DRAFTED BY: KE

SCALE: 1" = 100'

DATE: 8/29/2024 9:02 PM

TIME: 9:02 PM

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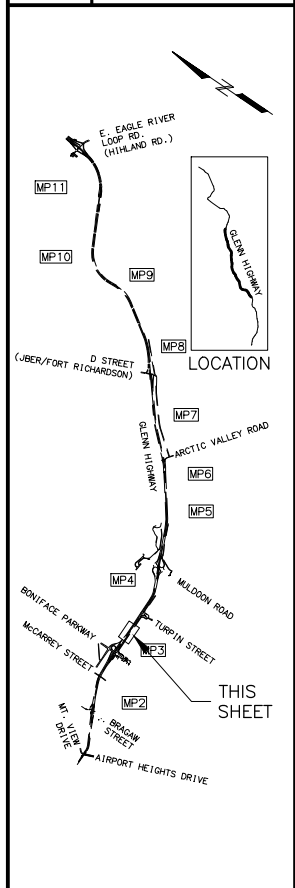


**PRELIMINARY**

SHEET NO.	TOTAL SHEETS
H27	H100
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  
 SIGNING, STRIPING,  
 AND ILLUMINATION  
 STA. 103+00 TO  
 STA. 119+00**

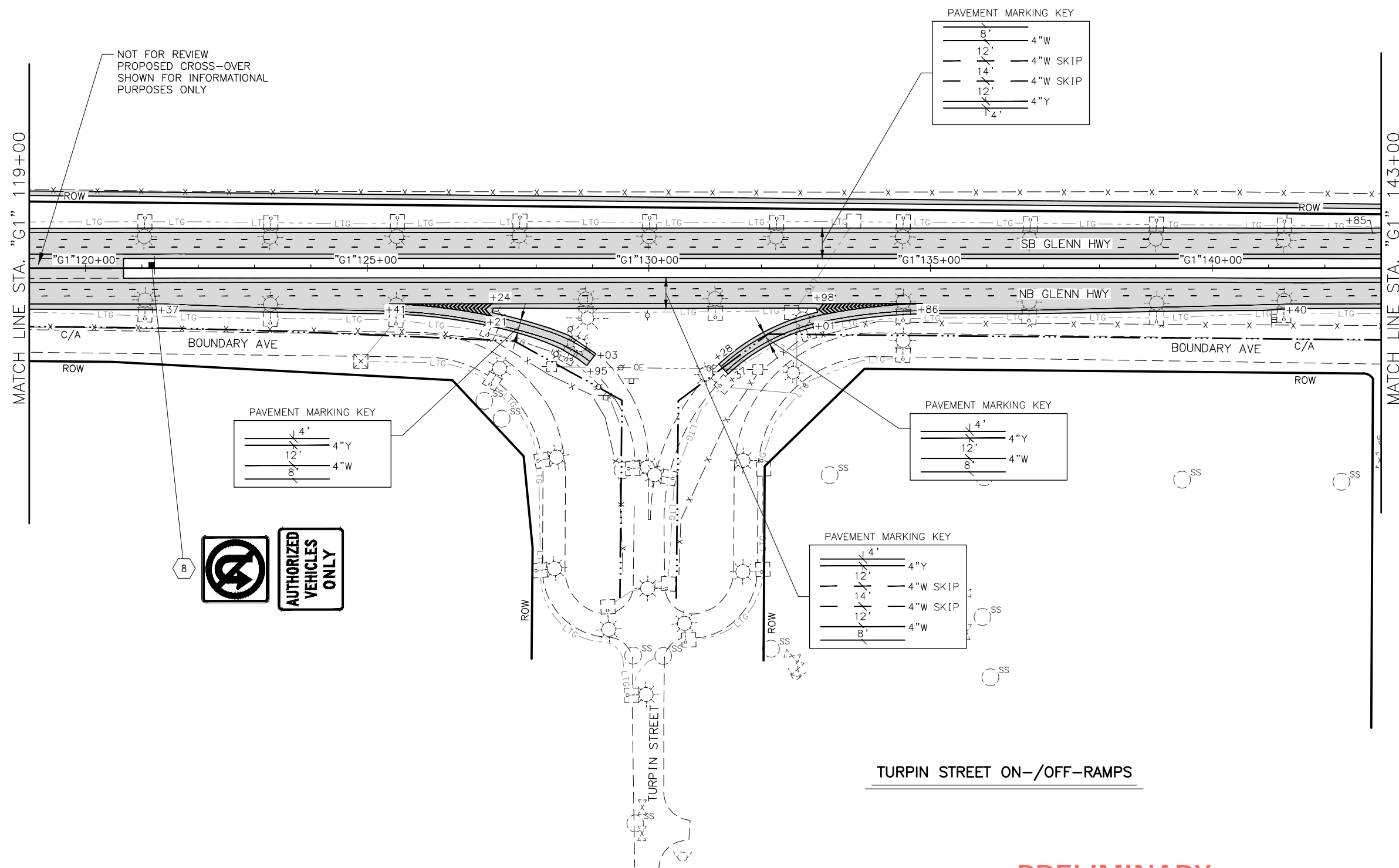
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 CHECKED BY: KE  
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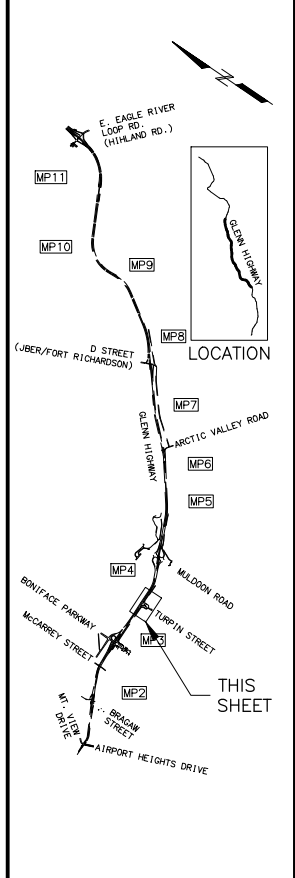
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SHEET NO.	TOTAL SHEETS
H28	H100
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



PIH

8/29/2024

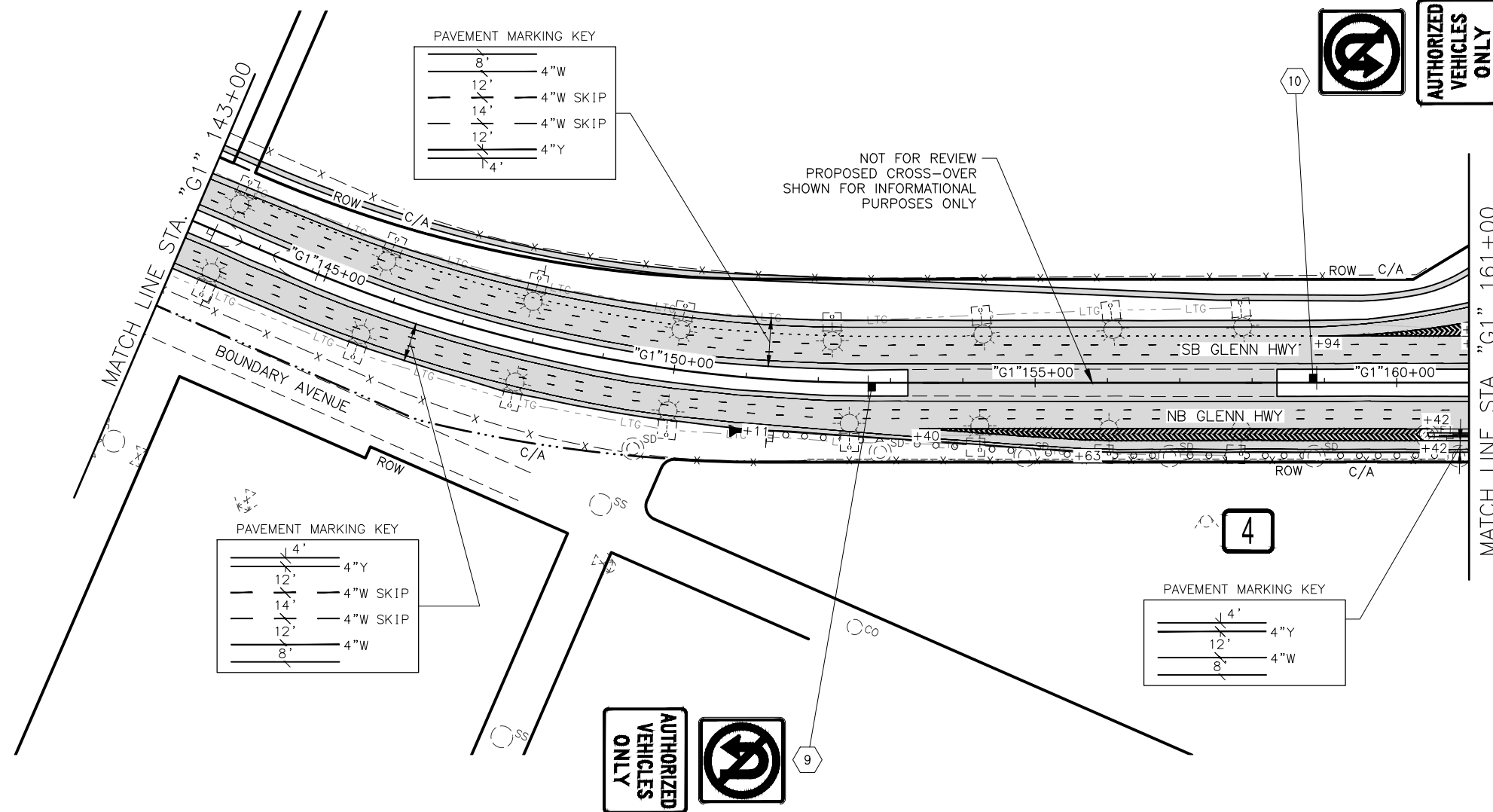
PLANS DEVELOPED BY:  
 KINNEY ENGINEERING, LLC  
 3909 Arctic Blvd, Suite 400  
 ANCHORAGE, AK 99503  
 (907) 346-2373  
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES

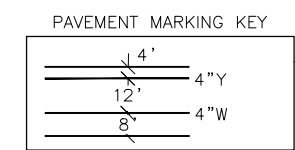
GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION  
 SIGNING, STRIPING,  
 AND ILLUMINATION  
 STA. 119+00 TO  
 STA. 143+00

**PRELIMINARY**

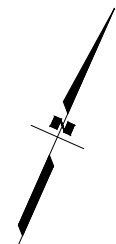
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 TIME: 9:02 PM  
 SCALE: 1" = 100'  
 DESIGNED BY: KE  
 CHECKED BY: KE  
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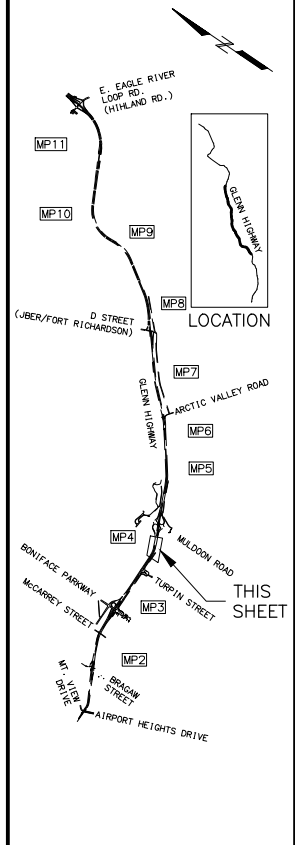
NOT FOR REVIEW  
 PROPOSED CROSS-OVER  
 SHOWN FOR INFORMATIONAL  
 PURPOSES ONLY



**AUTHORIZED  
 VEHICLES  
 ONLY**



SHEET NO.	TOTAL SHEETS
H29	H100
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



**PIH**

8/29/2024

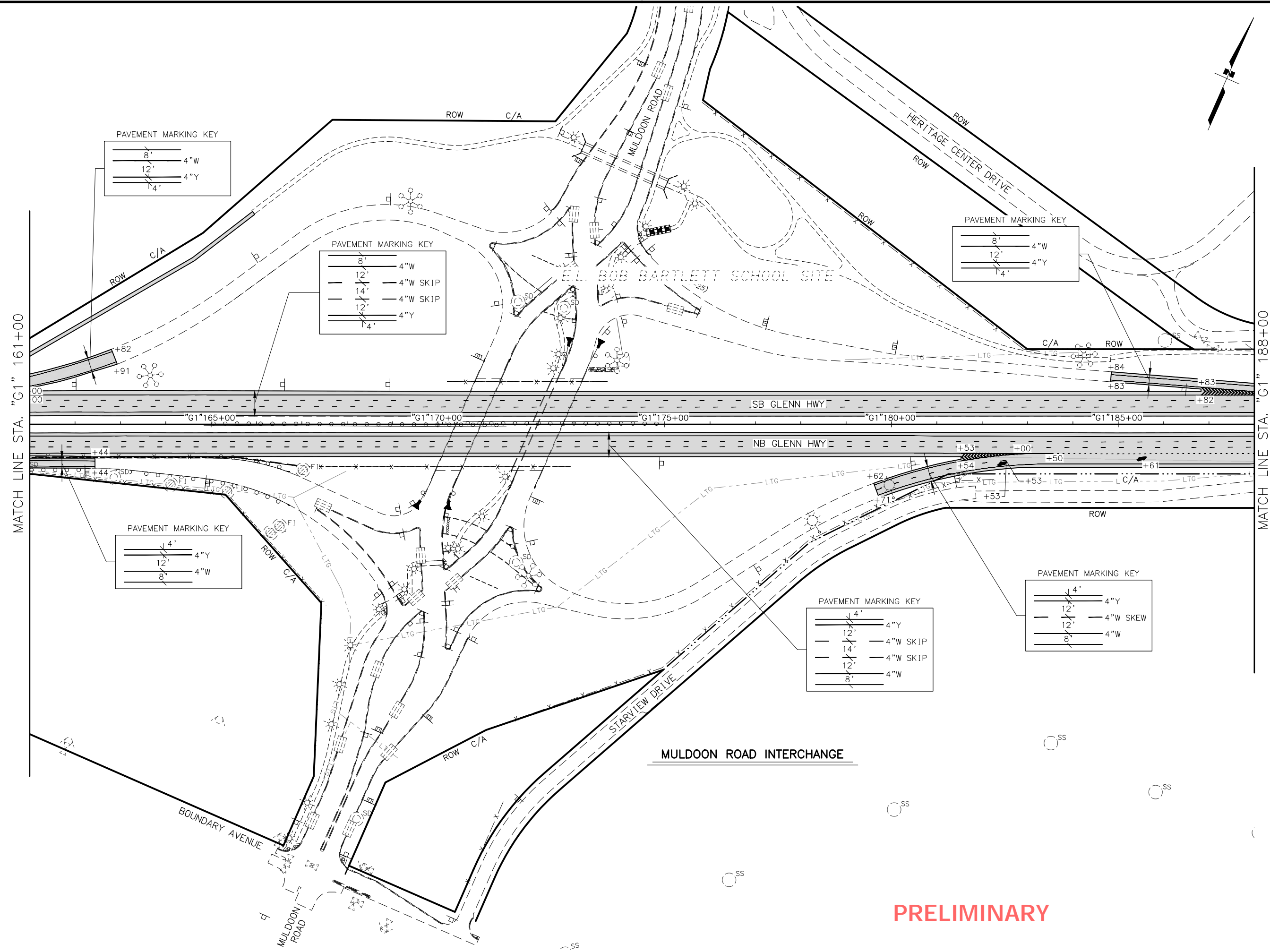
PLANS DEVELOPED BY:  
 KINNEY ENGINEERING, LLC  
 3909 Arctic Blvd, Suite 400  
 ANCHORAGE, AK 99503  
 (907) 346-2373  
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION  
 SIGNING, STRIPING,  
 AND ILLUMINATION  
 STA. 143+00 TO  
 STA. 161+00**

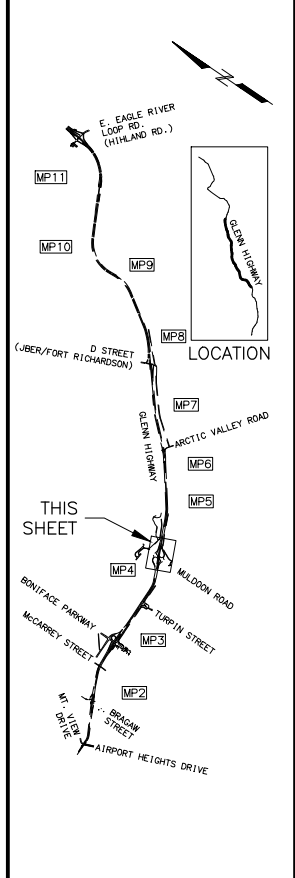
**PRELIMINARY**



DRAWING LOCATION: Z:\PROJECTS\005777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\PROJECTS\005777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00545\_H23-H72\_SSI.DWG  
 DATE: 8/29/2024 9:02 PM  
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 DESIGNED BY: KE  
 CHECKED BY: KE  
 DRAFTED BY: KE



SHEET NO.	TOTAL SHEETS
H30	H100
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



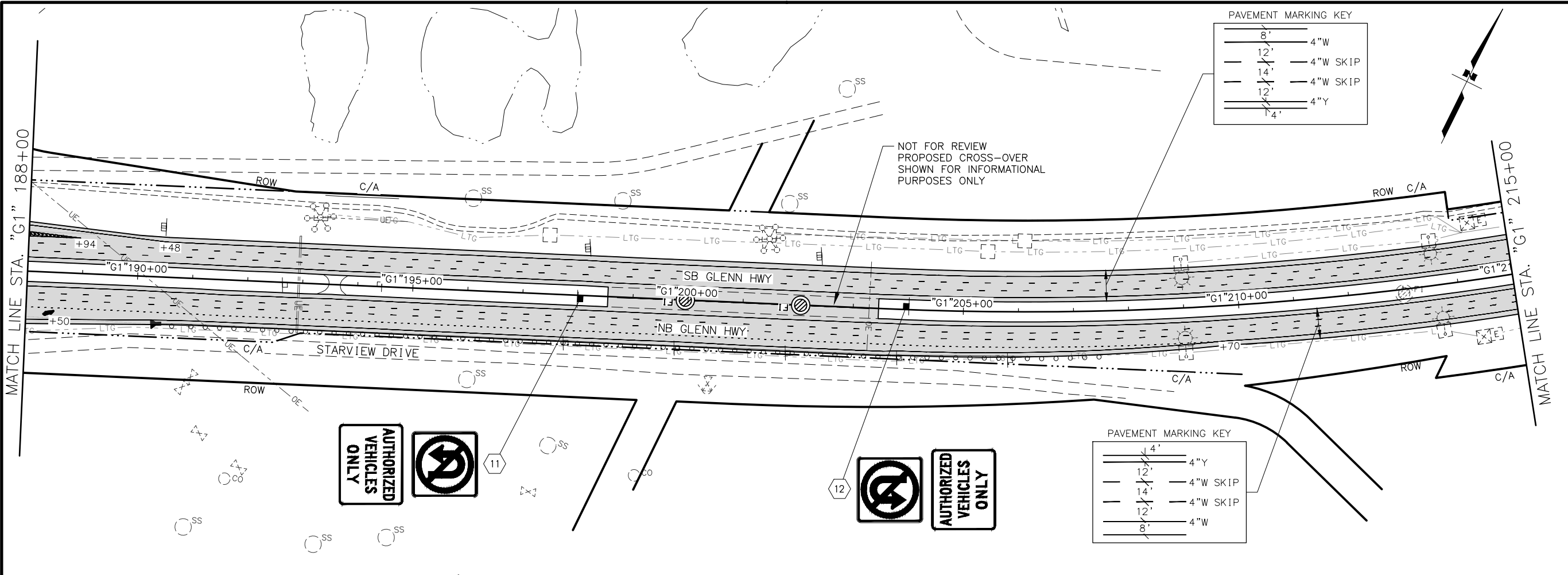
**PIH**  
 8/29/2024

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  
 SIGNING, STRIPING,  
 AND ILLUMINATION  
 STA. 161+00 TO  
 STA. 188+00

PRELIMINARY

DRAWING LOCATION: Z:\PROJECTS\00577 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\PROJECTS\00577 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00545\_H23-H72\_SSI.DWG  
 DATE: 8/29/2024 9:03 PM  
 SCALE: 1" = 100'  
 DESIGNED BY: KE  
 CHECKED BY: KE  
 DRAFTED BY: KE



PAVEMENT MARKING KEY

8'	4"W
12'	4"W SKIP
14'	4"W SKIP
12'	4"Y
4'	4"Y

PAVEMENT MARKING KEY

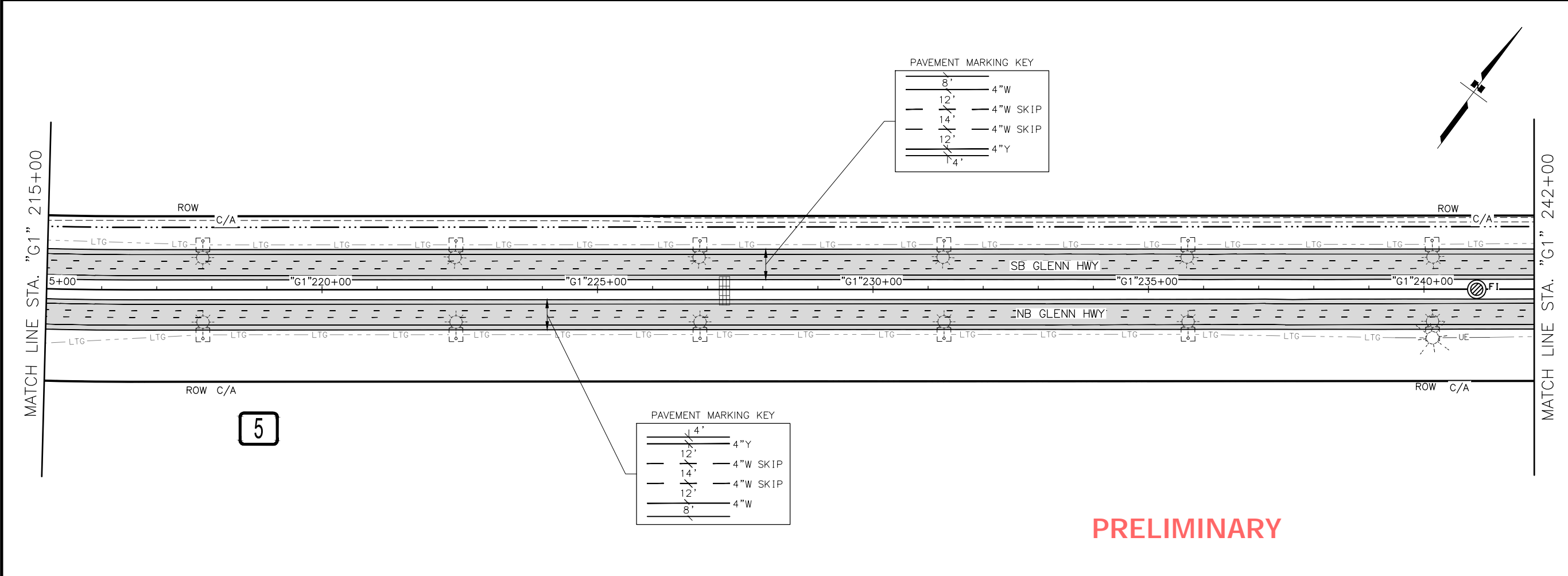
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12'	4"W SKIP
14'	4"W SKIP
12'	4"W SKIP
8'	4"W

PAVEMENT MARKING KEY

8'	4"W
12'	4"W SKIP
14'	4"W SKIP
12'	4"W SKIP
4'	4"Y

PAVEMENT MARKING KEY

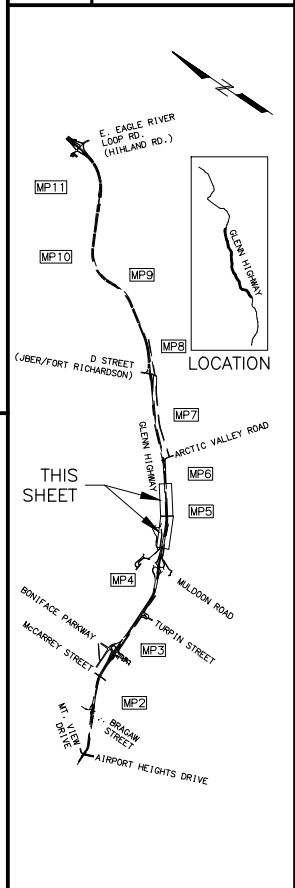
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12'	4"W SKIP
14'	4"W SKIP
12'	4"W SKIP
8'	4"W



SHEET NO.	TOTAL SHEETS
H31	H100
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION  
**0001656/  
CFHWY00545**

NO.	REVISION



**PIH**

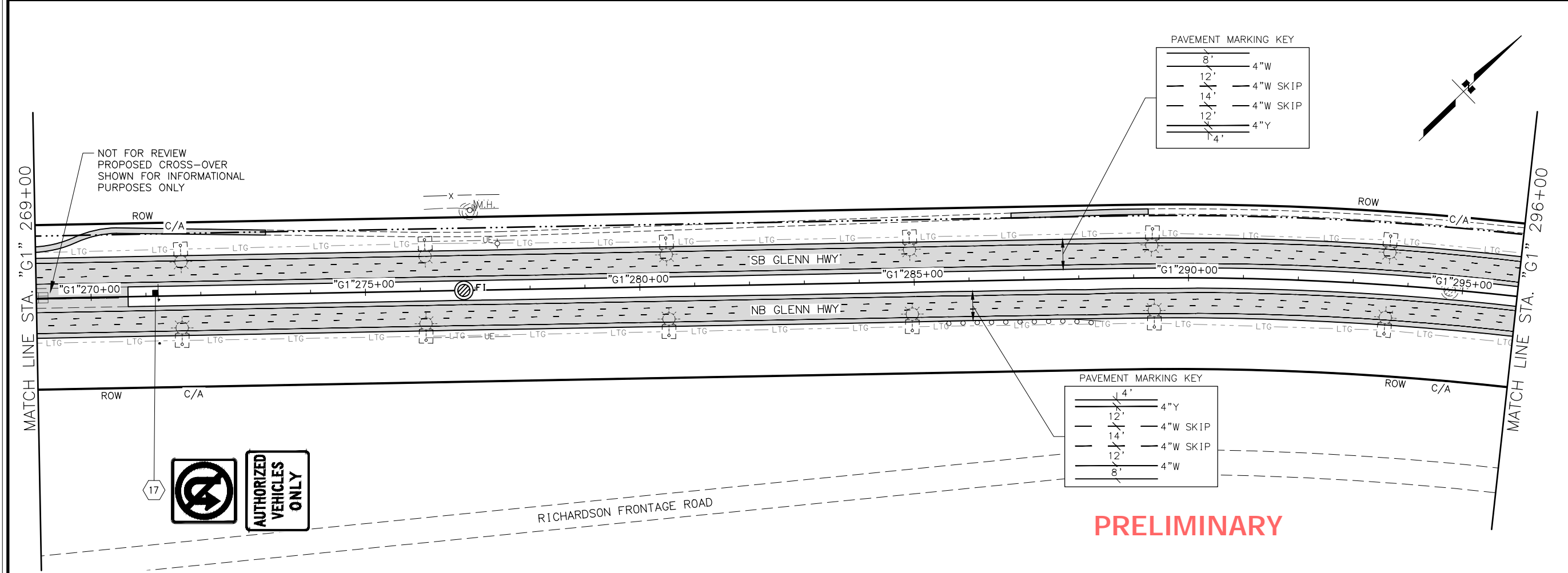
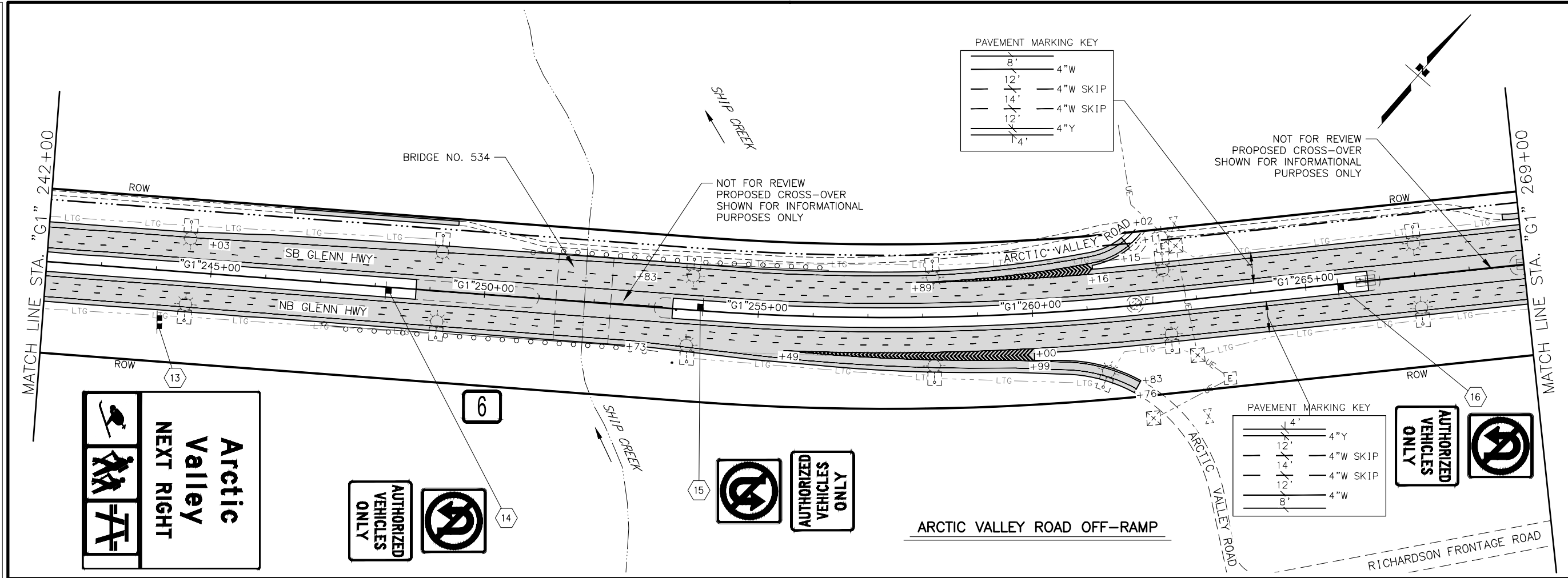
8/29/2024

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  
SIGNING, STRIPING,  
AND ILLUMINATION  
STA. 188+00 TO  
STA. 242+00**

**PRELIMINARY**

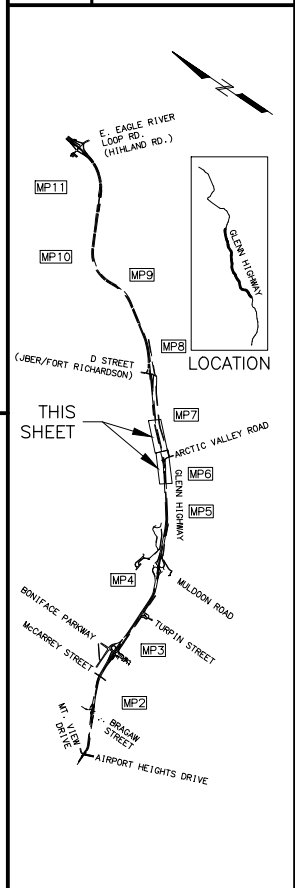
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 DATE: 8/29/2024 9:03 PM  
 SCALE: 1" = 100'  
 DESIGNED BY: KE  
 CHECKED BY: KE  
 DRAFTED BY: KE



SHEET NO.	TOTAL SHEETS
H32	H100
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION  
**0001656/  
 CFHWY00545**

NO.	REVISION

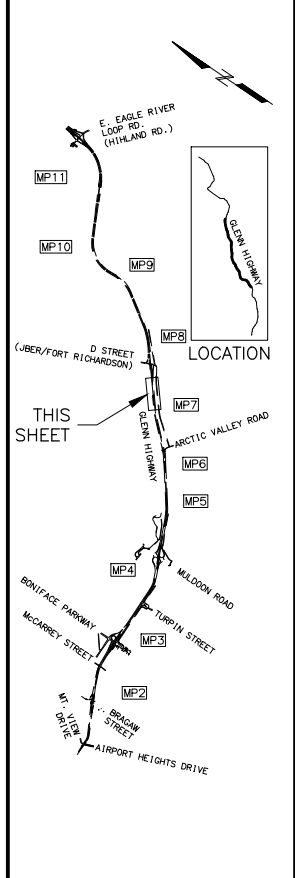
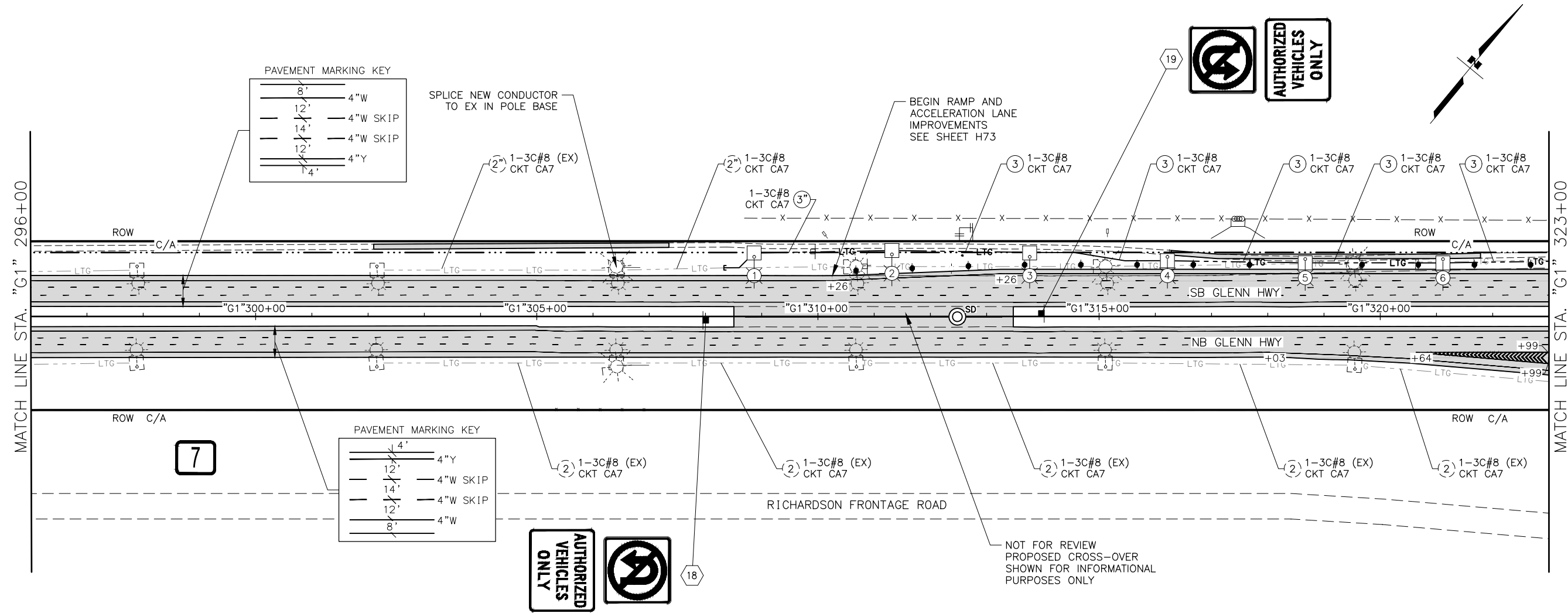


**PIH**  
 8/29/2024  
 PLANS DEVELOPED BY:  
 KINNEY ENGINEERING, LLC  
 3909 Arctic Blvd, Suite 400  
 ANCHORAGE, AK 99503  
 (907) 346-2373  
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION  
**SIGNING, STRIPING,  
 AND ILLUMINATION**  
 STA. 242+00 TO  
 STA. 296+00

DRAWING LOCATION: Z:\PROJECTS\005777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00545\_H23-H72\_SSI.DWG  
 DESIGNED BY: KE  
 CHECKED BY: KE  
 DRAFTED BY: KE  
 SCALE: 1" = 100'  
 DATE: 8/29/2024 9:04 PM  
 TIME: 9:04 PM

SHEET NO.	TOTAL SHEETS
H33	H100
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



**PIH**  
 8/29/2024

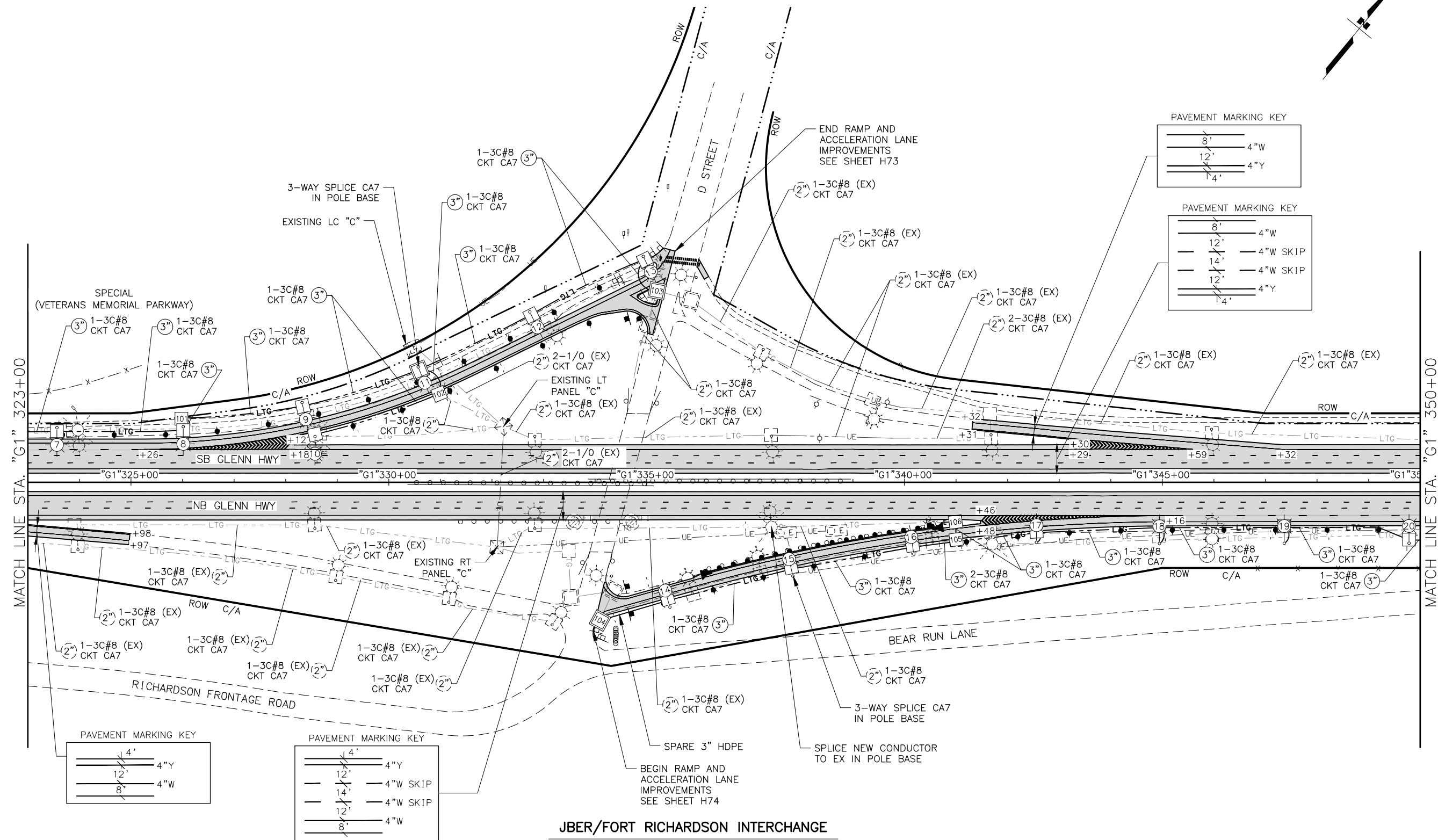
PLANS DEVELOPED BY:  
 KINNEY ENGINEERING, LLC  
 3909 Arctic Blvd, Suite 400  
 ANCHORAGE, AK 99503  
 (907) 346-2373  
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION  
 SIGNING, STRIPING,  
 AND ILLUMINATION  
 STA. 296+00 TO  
 STA. 323+00

**PRELIMINARY**



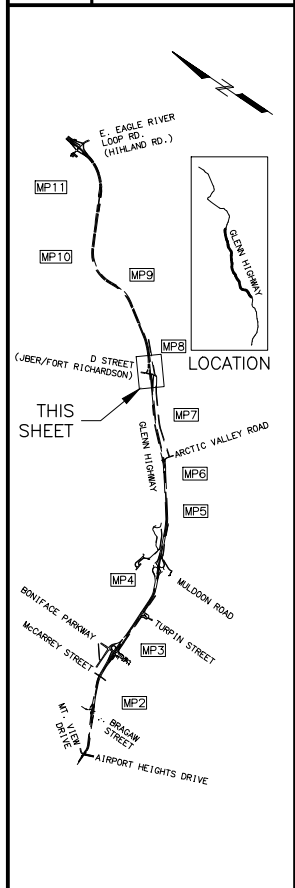
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 DATE: 8/29/2024 9:04 PM  
 SCALE: 1" = 100'  
 DESIGNED BY: KE  
 CHECKED BY: KE  
 DRAFTED BY: KE



SHEET NO.	TOTAL SHEETS
H34	H100
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  
 SIGNING, STRIPING,  
 AND ILLUMINATION  
 STA. 323+00 TO  
 STA. 350+00**

PRELIMINARY



DESIGNED BY: KE  
 CHECKED BY: KE  
 DRAFTED BY: KE  
 SCALE: 1" = 100'  
 DATE: 8/29/2024 9:05 PM  
 TIME: 8/29/2024 9:05 PM  
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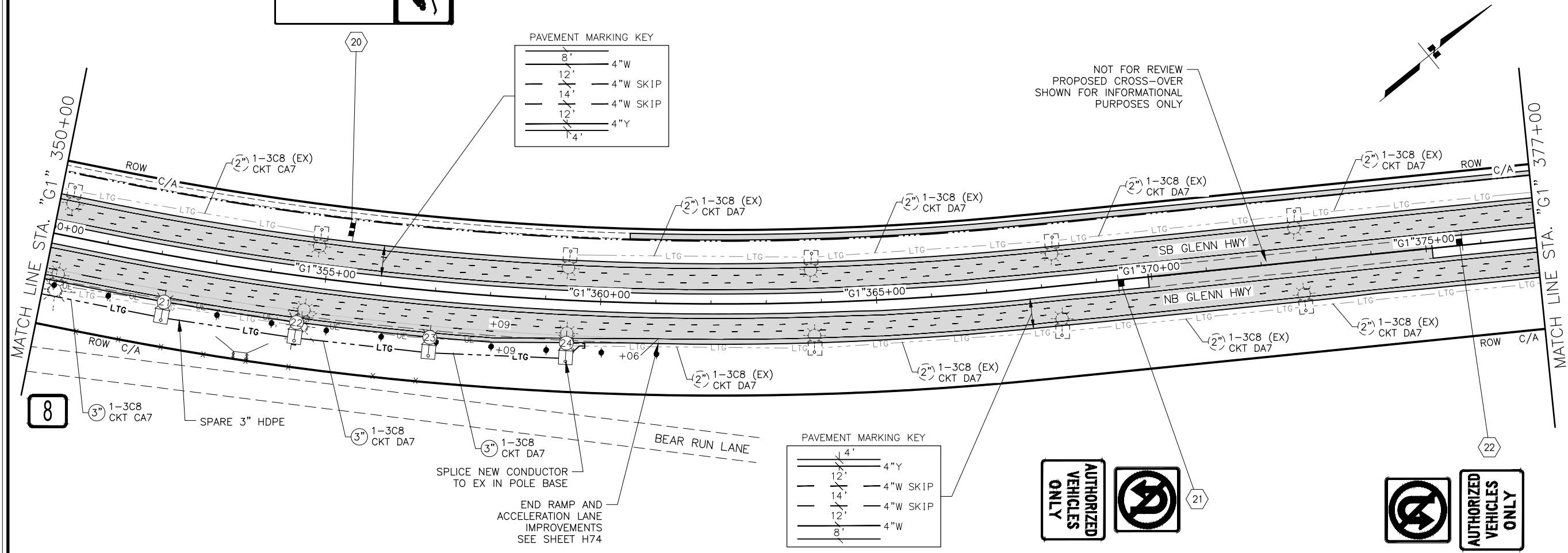
**Arctic Valley**  
**Valley**  
**NEXT RIGHT**

PAVEMENT MARKING KEY

8'	4"W
12'	4"W SKIP
14'	4"W SKIP
12'	4"W SKIP
4'	4"Y

PAVEMENT MARKING KEY

4'	4"Y
12'	4"W SKIP
14'	4"W SKIP
12'	4"W SKIP
8'	4"W

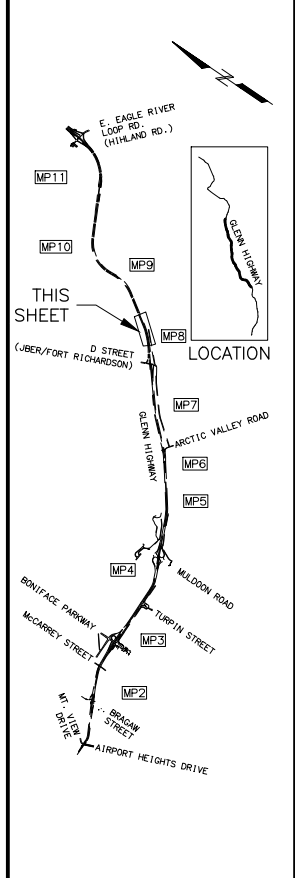


**AUTHORIZED VEHICLES ONLY**



**AUTHORIZED VEHICLES ONLY**

SHEET NO.	TOTAL SHEETS
H35	H100
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



**PIH**

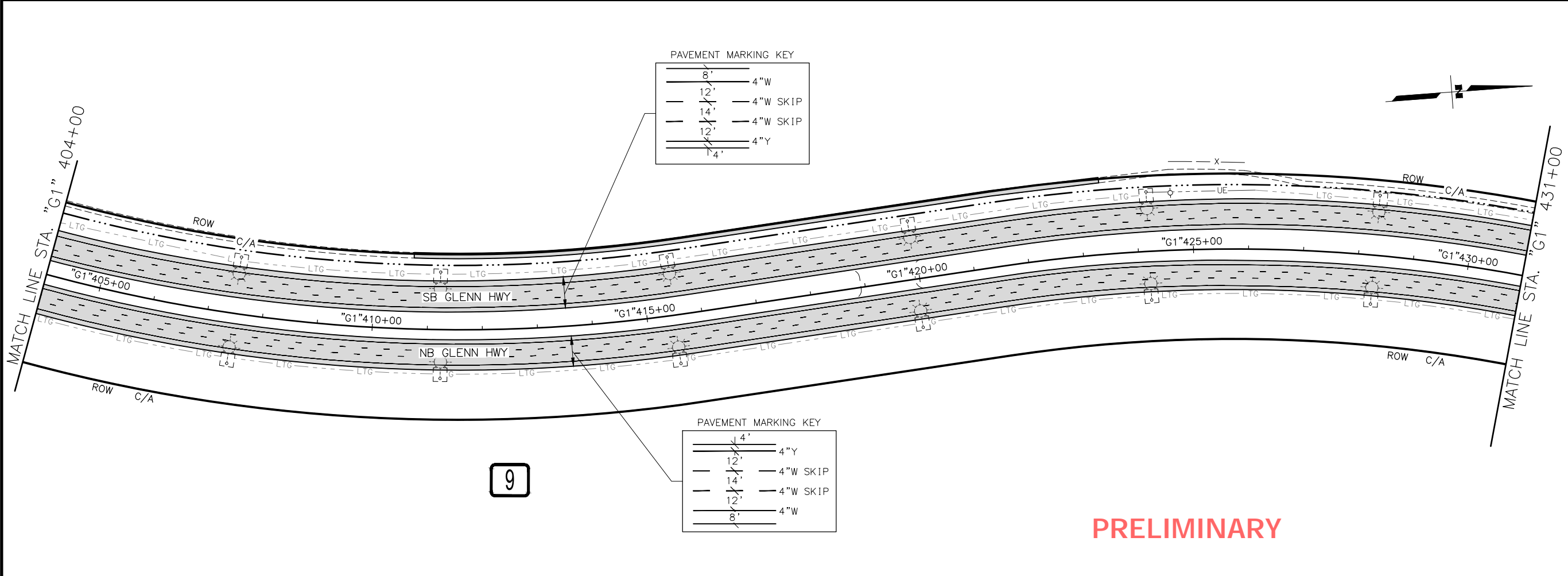
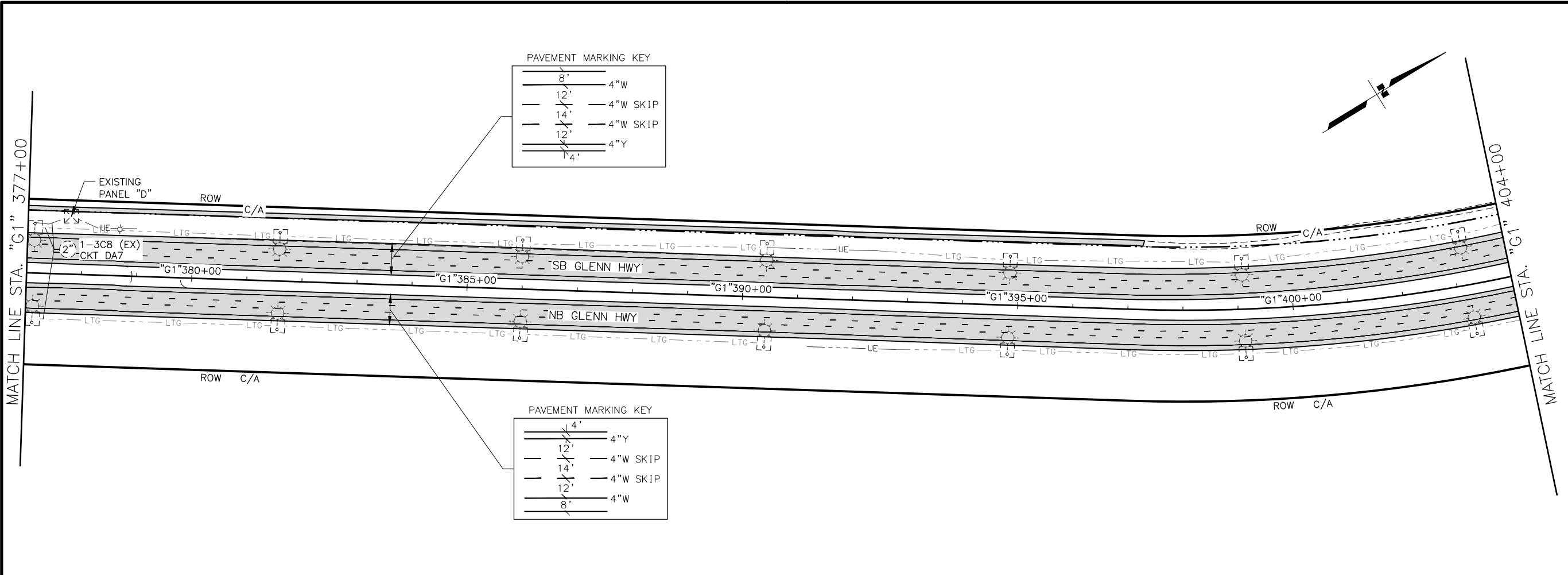
8/29/2024

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  
 SIGNING, STRIPING,  
 AND ILLUMINATION**  
 STA. 350+00 TO  
 STA. 377+00

**PRELIMINARY**

DRAWING LOCATION: Z:\PROJECTS\005777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\PROJECTS\005777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00545\_H23-H72\_SSI.DWG  
 DATE: 8/29/2024 9:06 PM  
 SCALE: 1" = 100'  
 DESIGNED BY: KE  
 CHECKED BY: KE  
 DRAFTED BY: KE

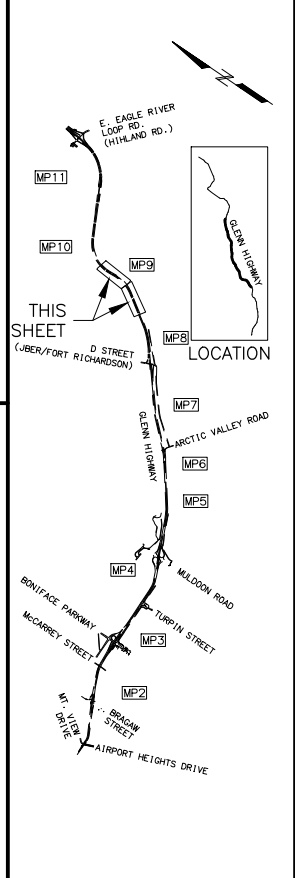


PRELIMINARY

SHEET NO.	TOTAL SHEETS
H36	H100
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION  
**0001656/  
 CFHWY00545**

NO.	REVISION



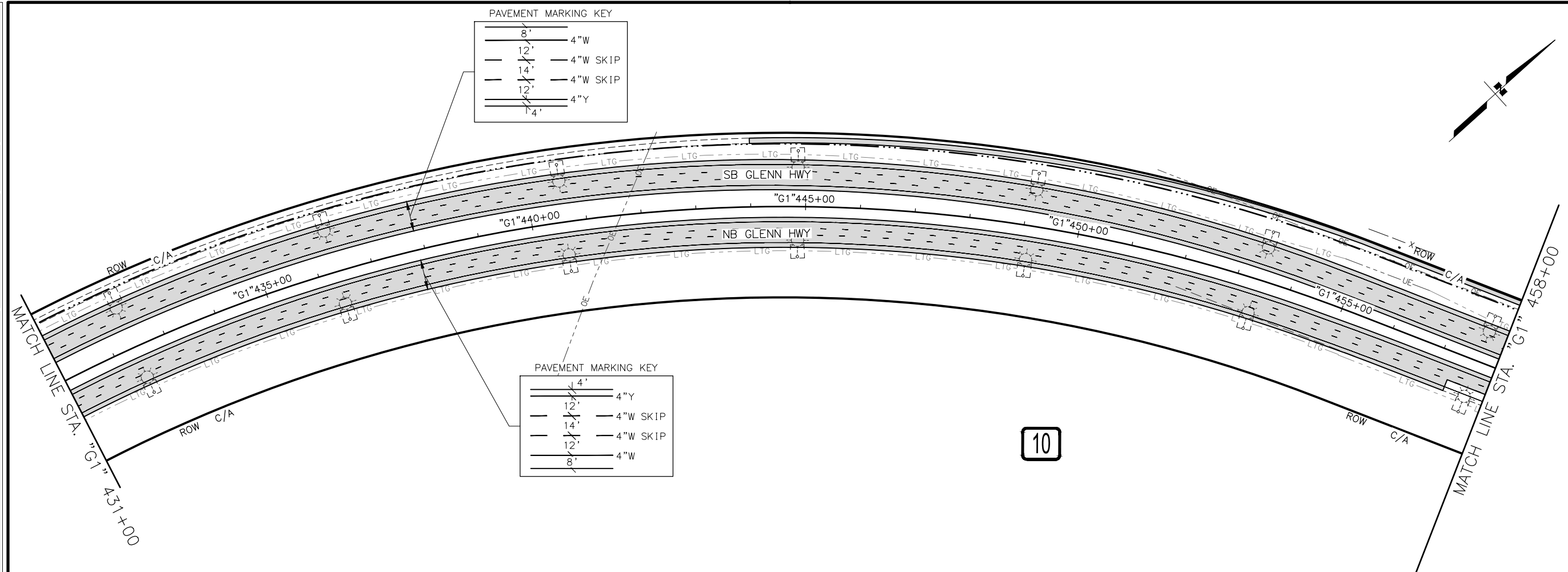
**PIH**

**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  
 SIGNING, STRIPING,  
 AND ILLUMINATION  
 STA. 377+00 TO  
 STA. 431+00**

DRAWING LOCATION: Z:\PROJECTS\009777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00945\_H23-H72\_SSI.DWG  
 DATE: 8/29/2024 9:06 PM  
 SCALE: 1" = 100'  
 DESIGNED BY: KE  
 CHECKED BY: KE  
 DRAFTED BY: KE

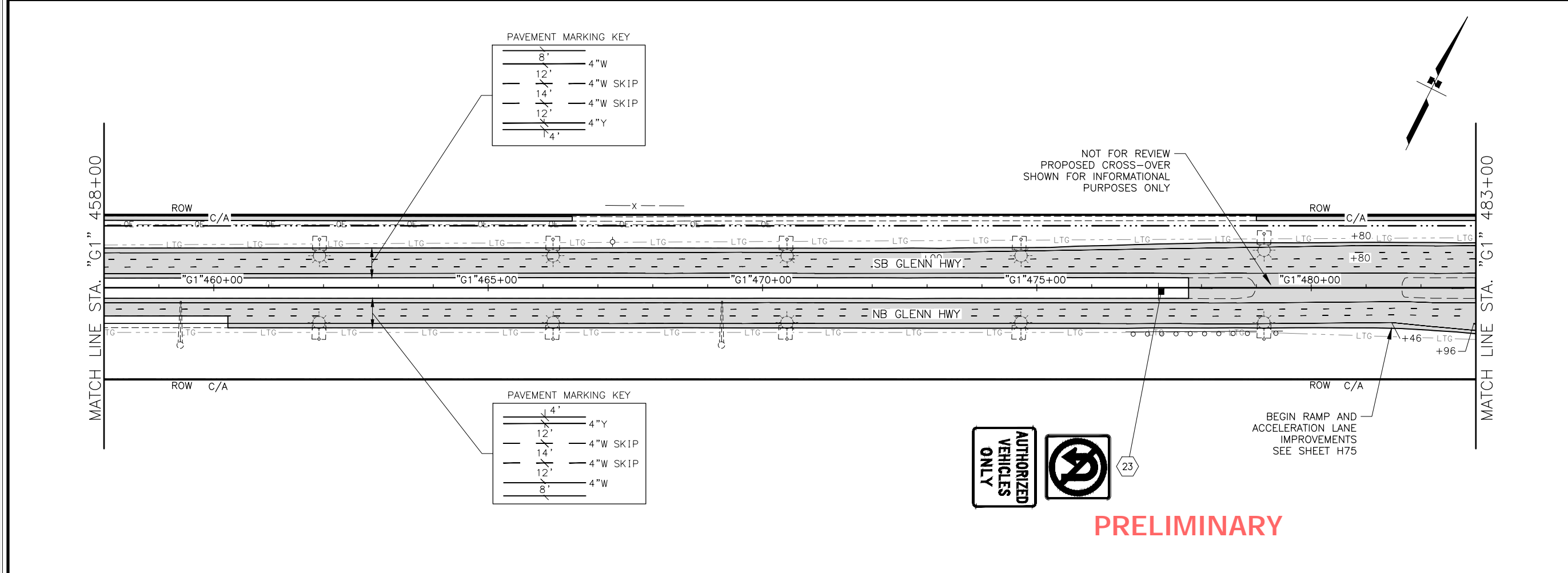


PAVEMENT MARKING KEY

8'	4"W
12'	4"W SKIP
14'	4"W SKIP
12'	4"W SKIP
4'	4"Y

PAVEMENT MARKING KEY

4'	4"Y
12'	4"W SKIP
14'	4"W SKIP
12'	4"W SKIP
8'	4"W



PAVEMENT MARKING KEY

8'	4"W
12'	4"W SKIP
14'	4"W SKIP
12'	4"W SKIP
4'	4"Y

PAVEMENT MARKING KEY

4'	4"Y
12'	4"W SKIP
14'	4"W SKIP
12'	4"W SKIP
8'	4"W

**AUTHORIZED VEHICLES ONLY**

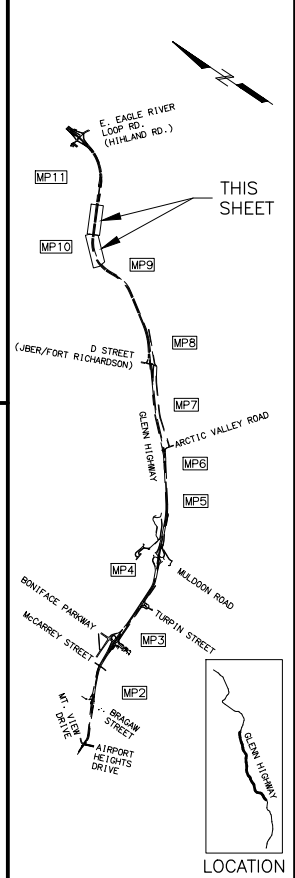


23

BEGIN RAMP AND ACCELERATION LANE IMPROVEMENTS SEE SHEET H75

**PRELIMINARY**

SHEET NO.	TOTAL SHEETS
H37	H100
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



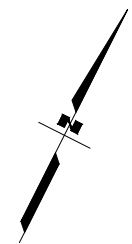
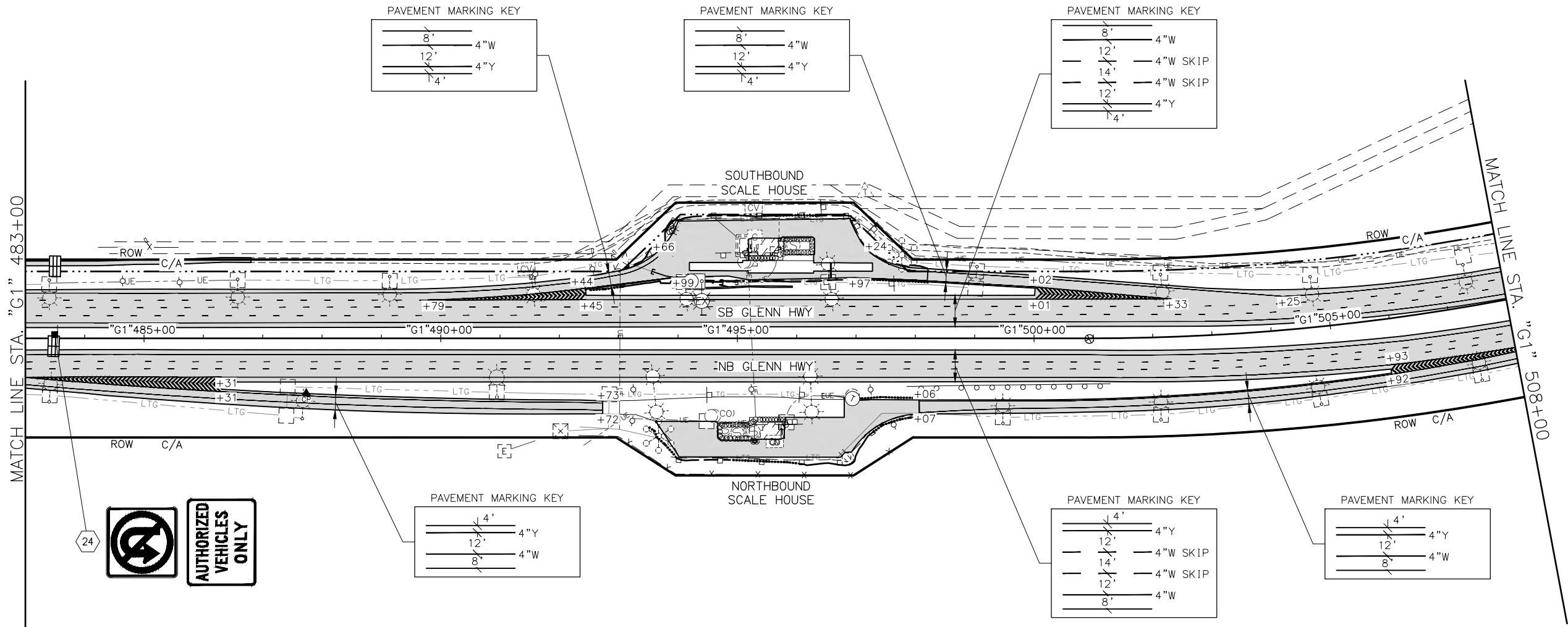
**PIH**

8/29/2024

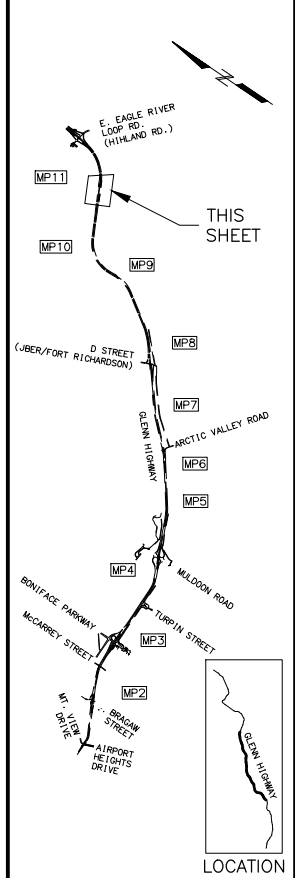
PLANS DEVELOPED BY:  
KINNEY ENGINEERING, LLC  
3909 Arctic Blvd, Suite 400  
ANCHORAGE, AK 99503  
(907) 346-2373  
CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
GLENN HWY: AIRPORT HEIGHTS  
TO PARKS HWY REHABILITATION  
SIGNING, STRIPING,  
AND ILLUMINATION  
STA. 431+00 TO  
STA. 483+00

KE  
 DESIGNED BY  
 CHECKED BY  
 DRAFTED BY  
 SCALE  
 1" = 100'  
 TIME  
 DATE  
 8/29/2024 9:07 PM  
 DRAWING LOCATION  
 Z:\PROJECTS\00977 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00945\_H23-H72\_SSI.DWG



SHEET NO.	TOTAL SHEETS
H38	H100
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



**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  
 SIGNING, STRIPING,  
 AND ILLUMINATION  
 STA. 483+00 TO  
 STA. 508+00

DESIGNED BY: KE  
 CHECKED BY: KE  
 DRAFTED BY: KE

SCALE: 1" = 100'

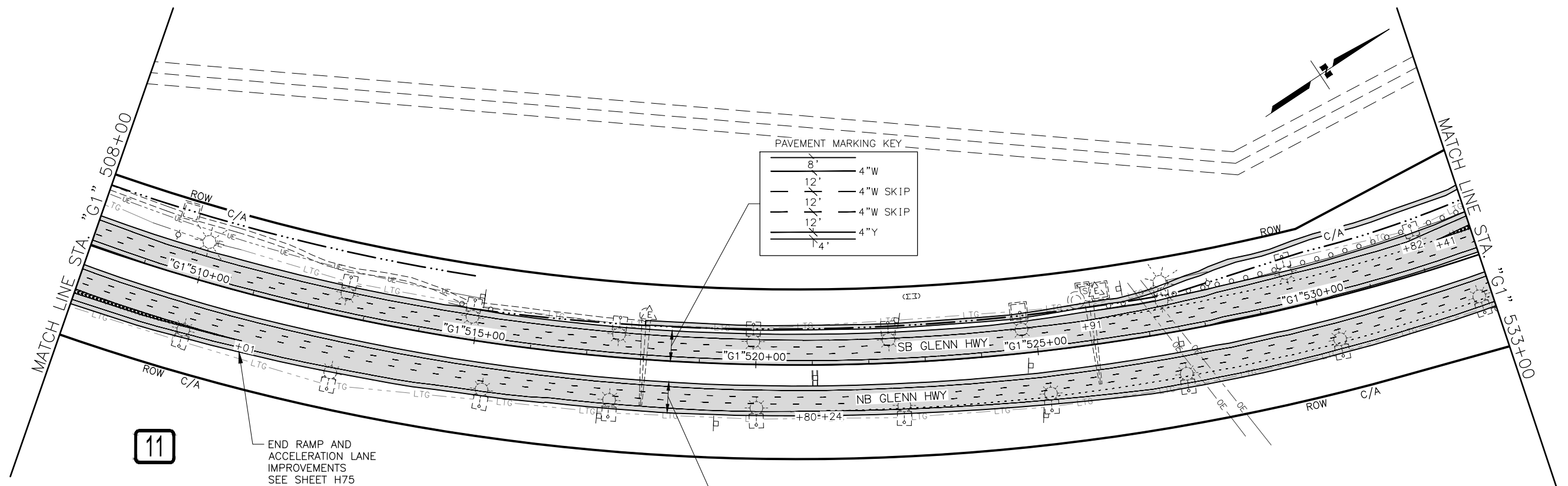
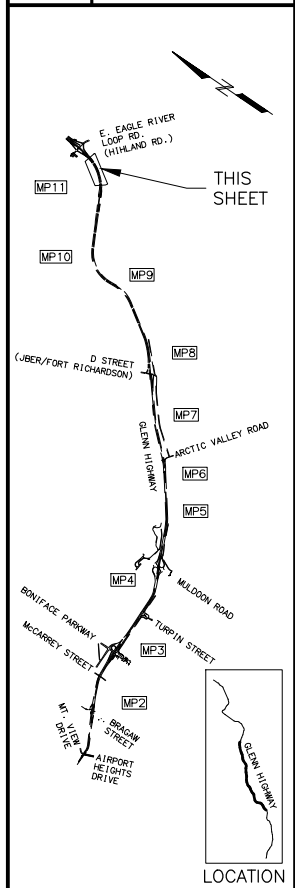
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DRAWING LOCATION: Z:\PROJECTS\009777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00945\_H23-H72\_SSI.DWG

SHEET NO.	TOTAL SHEETS
H39	H100
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION  
**0001656/  
 CFHWY00545**

NO.	REVISION



PAVEMENT MARKING KEY

8"	4"W
12"	4"W SKIP
12"	4"W SKIP
12"	4"W SKIP
4"	4"Y

PAVEMENT MARKING KEY

4"	4"Y
12"	4"W SKIP
12"	4"W SKIP
12"	4"W SKIP
8"	4"W

11

END RAMP AND  
 ACCELERATION LANE  
 IMPROVEMENTS  
 SEE SHEET H75

**PRELIMINARY**

PIH

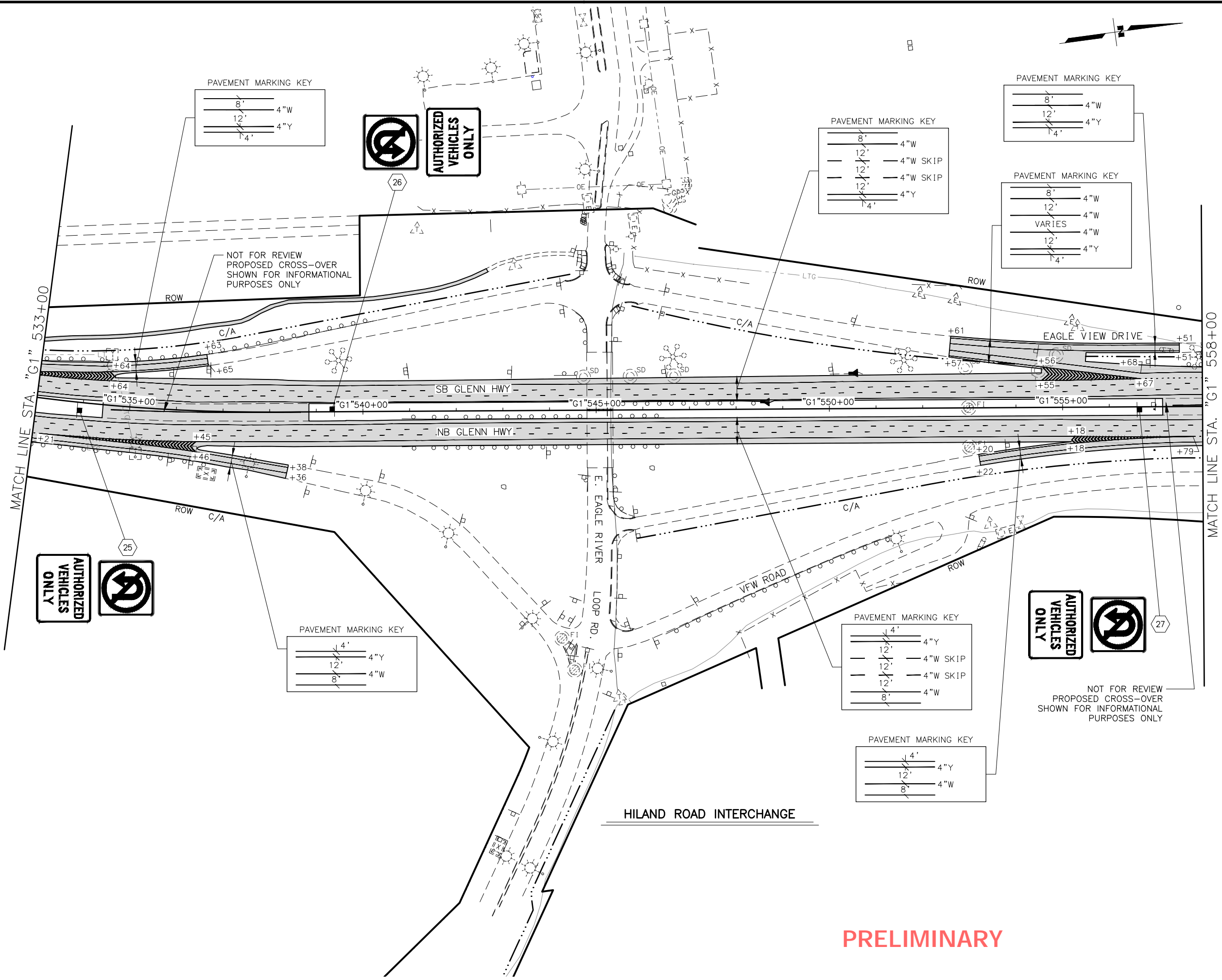
8/29/2024

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

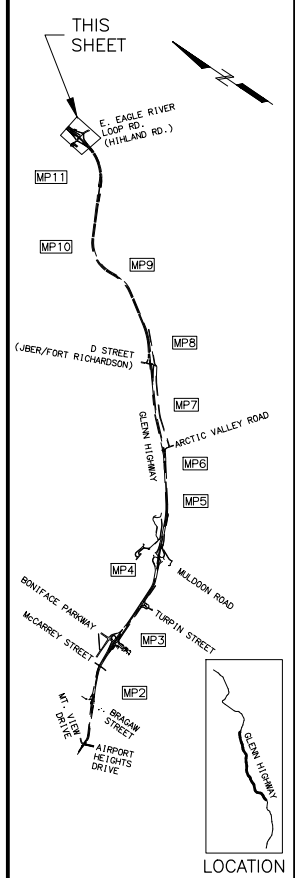
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION  
 SIGNING, STRIPING,  
 AND ILLUMINATION  
 STA. 508+00 TO  
 STA. 533+00**



DRAWING LOCATION: Z:\PROJECTS\009777\_GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00945\_H23-H72\_SSI.DWG  
 DATE: 8/29/2024 9:07 PM  
 SCALE: 1" = 100'  
 DESIGNED BY: KE  
 CHECKED BY: KE  
 DRAFTED BY: KE



SHEET NO.	TOTAL SHEETS
H40	H100
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  
**SIGNING, STRIPING,  
 AND ILLUMINATION**  
 STA. 533+00 TO  
 STA. 558+00

**PRELIMINARY**

Z:\PROJECTS\005777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00545\_H23-H72\_SSI.DWG  
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 DESIGNED BY: KE  
 CHECKED BY: KE  
 DRAFTED BY: KE  
 SCALE: 1" = 100'  
 TIME: 8/29/2024 9:08 PM  
 DATE: 8/29/2024 9:08 PM

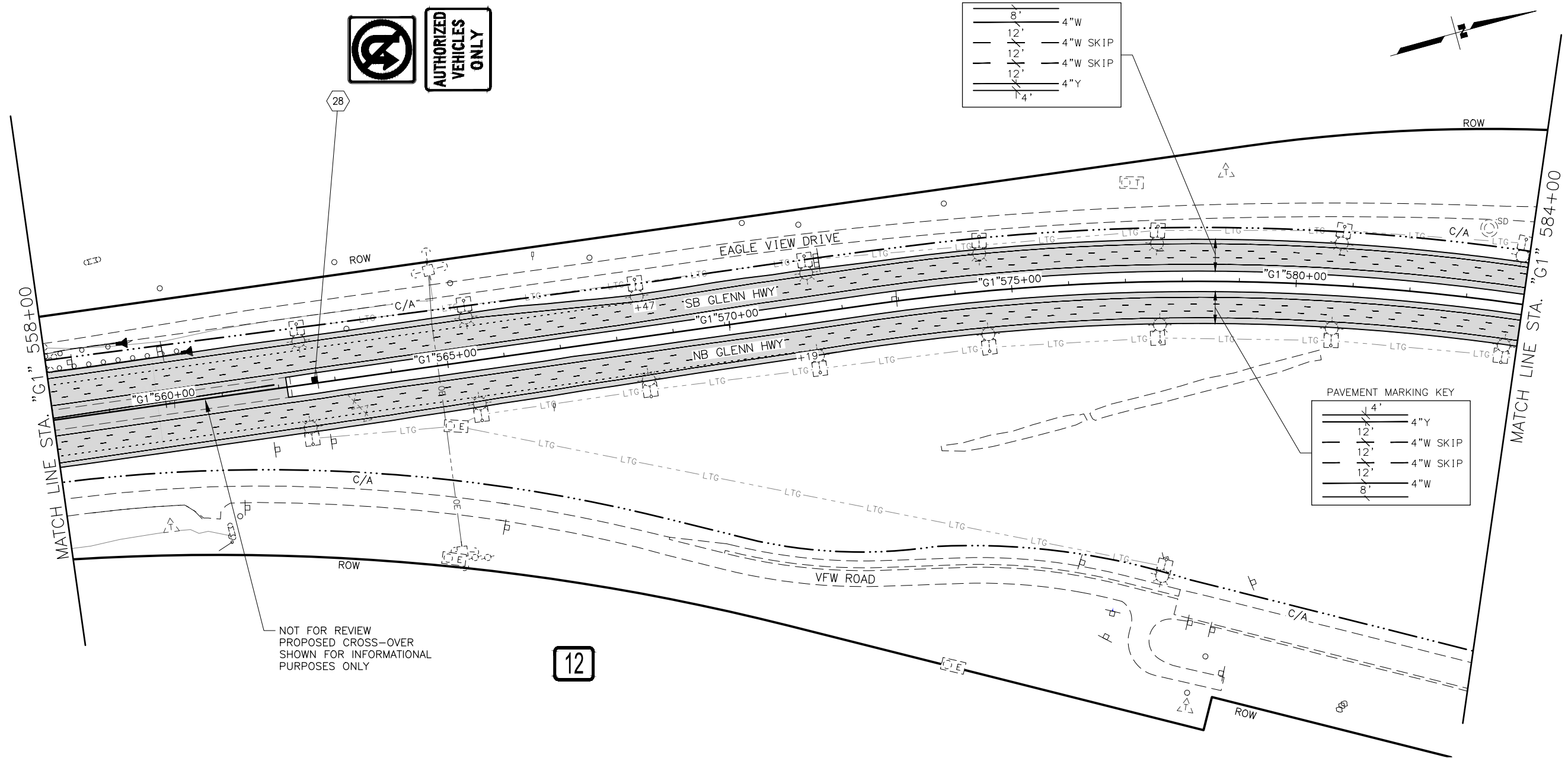


PAVEMENT MARKING KEY

8"	4"W
12"	4"W SKIP
12"	4"W SKIP
12"	4"W
4"	4"Y

PAVEMENT MARKING KEY

4"	4"Y
12"	4"W SKIP
12"	4"W SKIP
8"	4"W



NOT FOR REVIEW  
 PROPOSED CROSS-OVER  
 SHOWN FOR INFORMATIONAL  
 PURPOSES ONLY

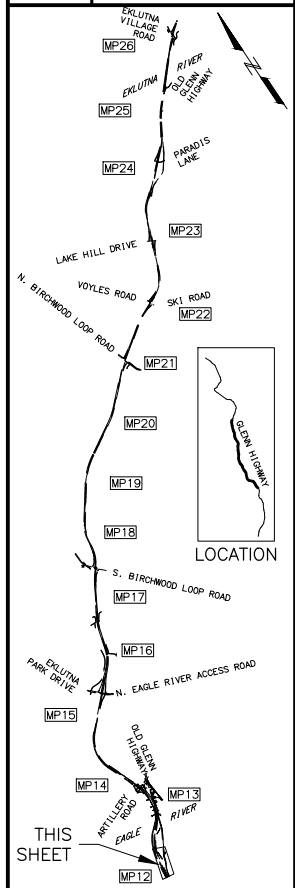
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**PRELIMINARY**

SHEET NO.	TOTAL SHEETS
H41	H100
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION  
**0001656/  
 CFHWY00545**

NO.	REVISION



PIH

8/29/2024

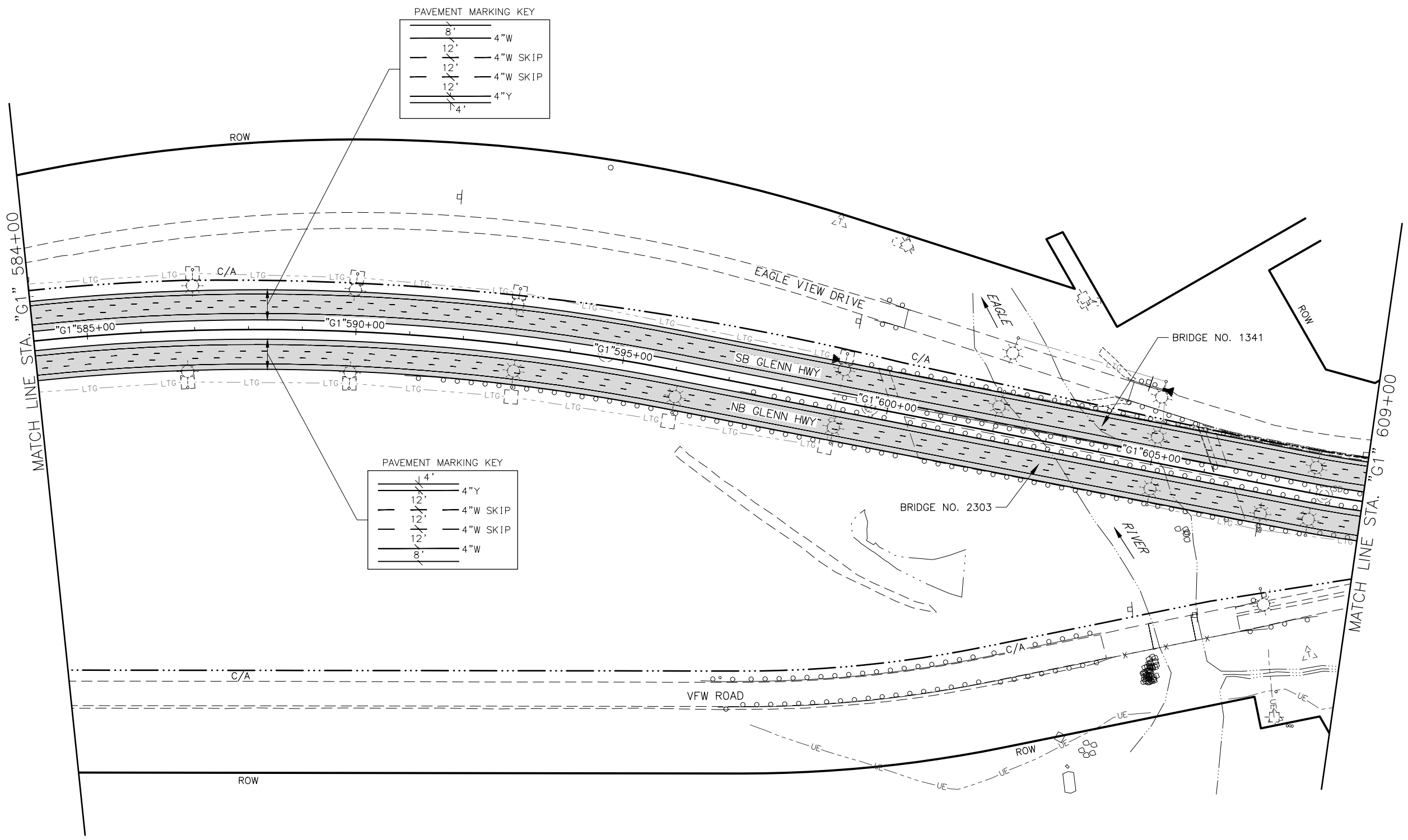
PLANS DEVELOPED BY:  
 KINNEY ENGINEERING, LLC  
 3909 Arctic Blvd, Suite 400  
 ANCHORAGE, AK 99503  
 (907) 346-2373  
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION  
 SIGNING, STRIPING,  
 AND ILLUMINATION  
 STA. 558+00 TO  
 STA. 584+00**

DESIGNED BY: KE  
 CHECKED BY: KE  
 DRAFTED BY: KE

SCALE: 1" = 100'  
 TIME: 9:08 PM  
 DATE: 8/29/2024

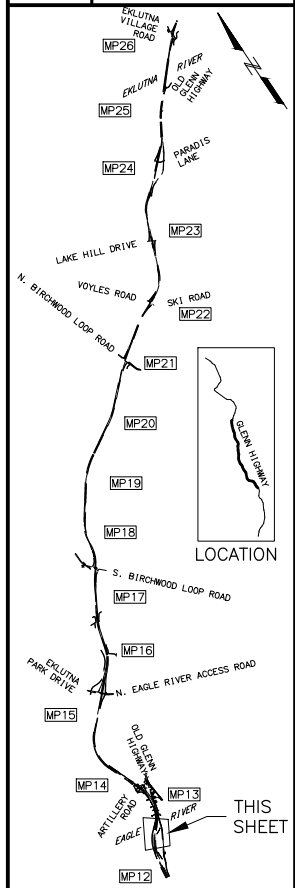
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SHEET NO.	TOTAL SHEETS
H42	H100
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION  
**0001656/  
 CFHWY00545**

NO.	REVISION



**PIH**

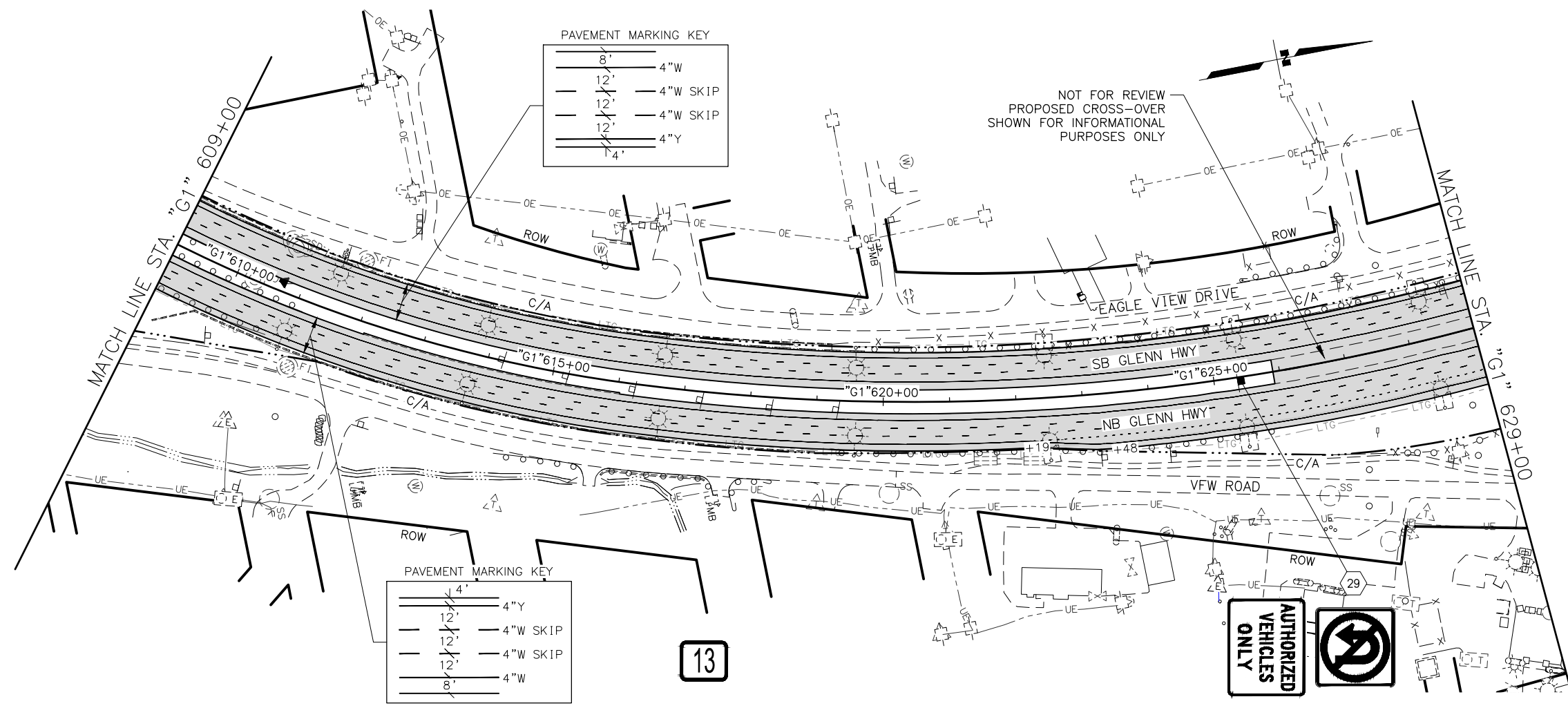
**8/29/2024**

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

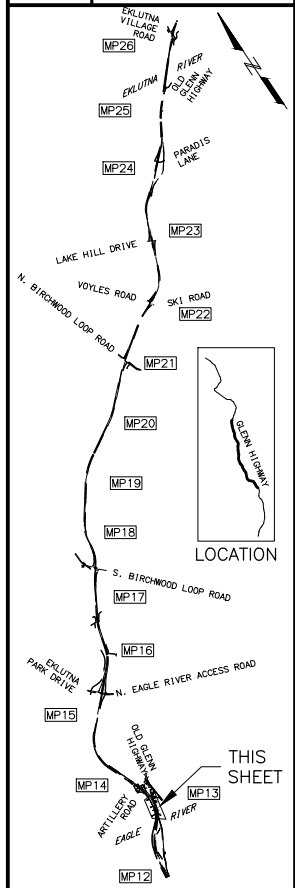
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION  
 SIGNING, STRIPING,  
 AND ILLUMINATION  
 STA. 584+00 TO  
 STA. 609+00**

**PRELIMINARY**

Z:\PROJECTS\005777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00545\_H23-H72\_SSI.DWG  
 DRAWING LOCATION  
 DESIGNED BY: KE  
 CHECKED BY: KE  
 DRAFTED BY: KE  
 SCALE: 1" = 100'  
 TIME: 9:08 PM  
 DATE: 8/29/2024



SHEET NO.	TOTAL SHEETS
H43	H100
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  
 SIGNING, STRIPING,  
 AND ILLUMINATION**  
 STA. 609+00 TO  
 STA. 629+00

PRELIMINARY



DESIGNED BY: KE  
 CHECKED BY: KE  
 DRAFTED BY: KE

SCALE: 1" = 100'

DATE: 8/29/2024 9:08 PM

TIME: 9:08 PM

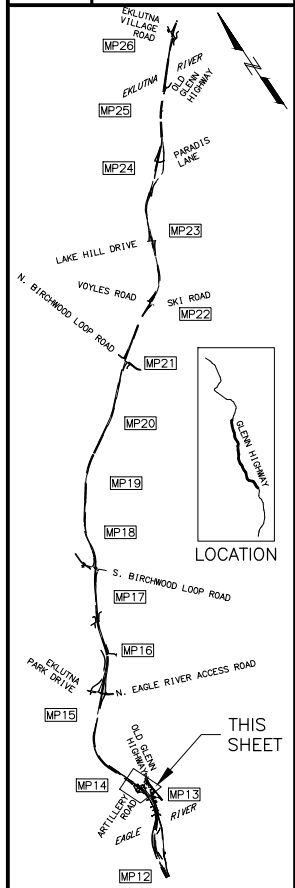
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SHEET NO.	TOTAL SHEETS
H44	H100
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION

**0001656/  
CFHWY00545**

NO.	REVISION



**PIH**

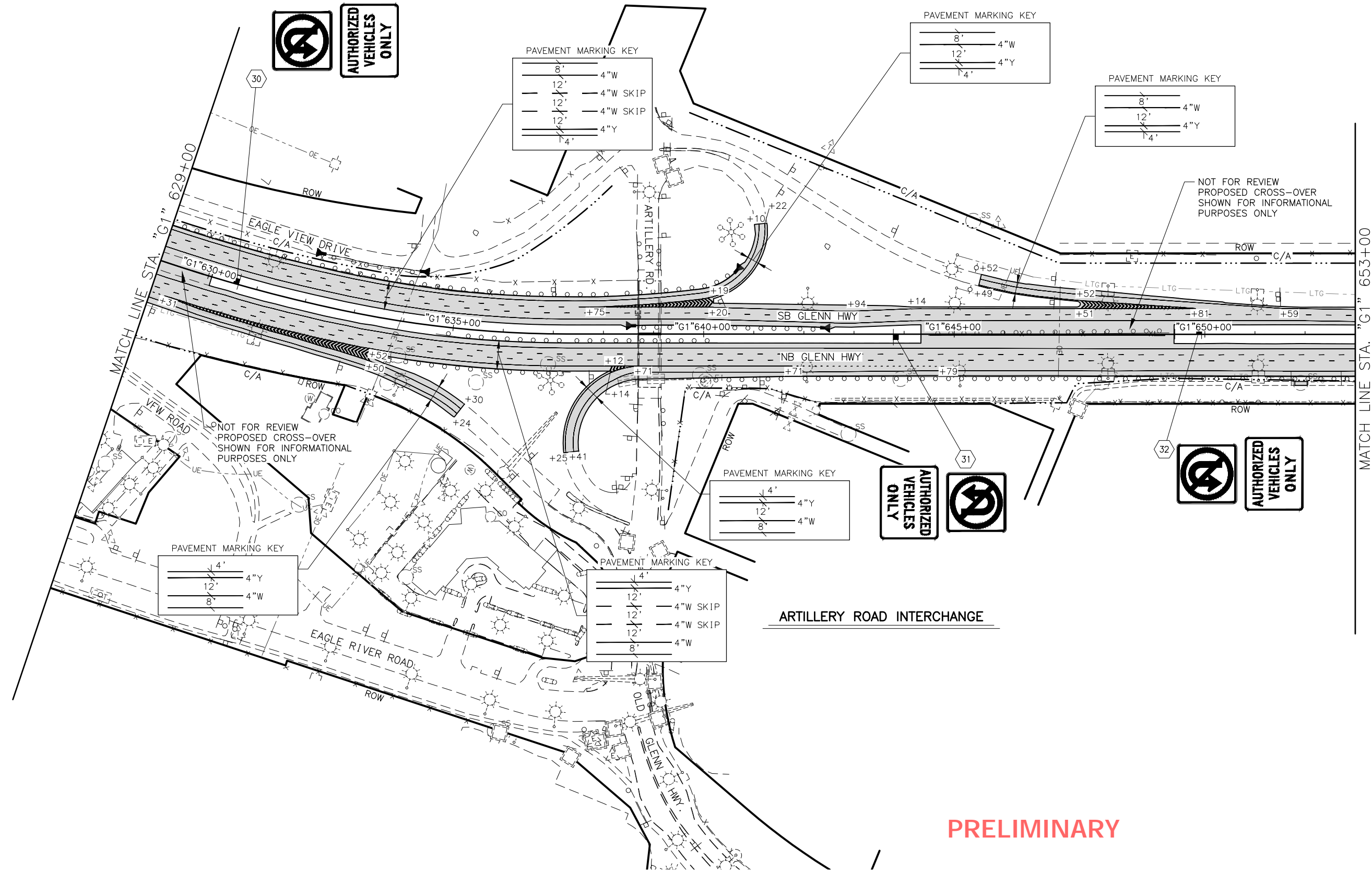
**8/29/2024**

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  
 SIGNING, STRIPING,  
 AND ILLUMINATION**

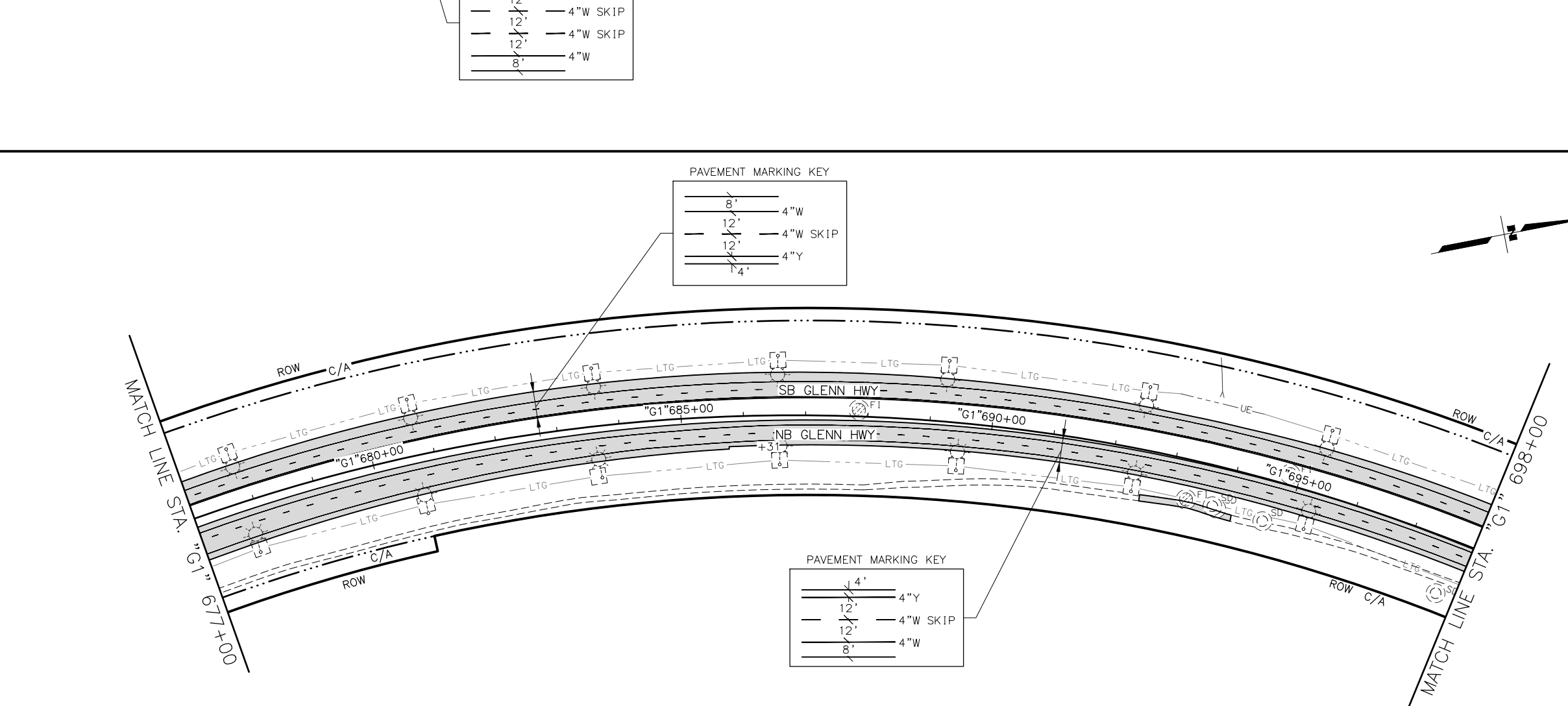
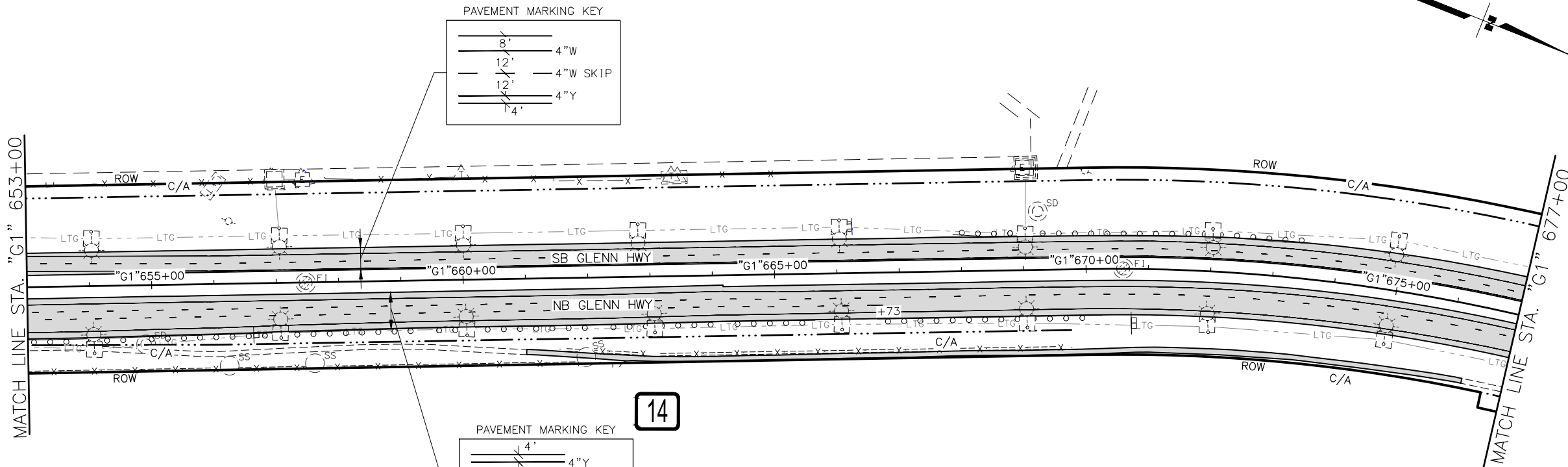
**STA. 629+00 TO  
 STA. 653+00**



**PRELIMINARY**



KE  
 DESIGNED BY  
 CHECKED BY  
 DRAFTED BY  
 SCALE  
 1" = 100'  
 DATE  
 8/29/2024 9:09 PM  
 TIME  
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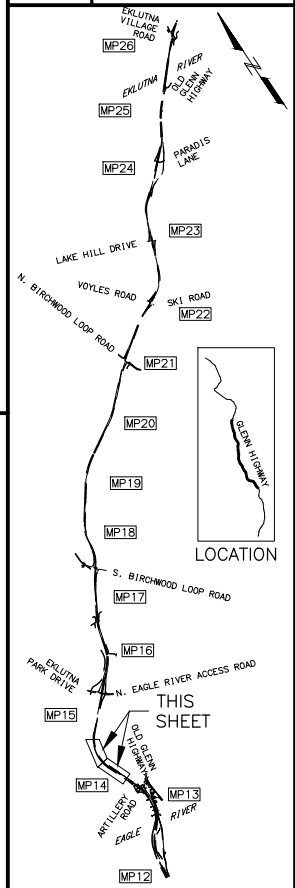
14

**PRELIMINARY**

SHEET NO.	TOTAL SHEETS
H45	H100
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION  
**0001656/  
 CFHWY00545**

NO.	REVISION



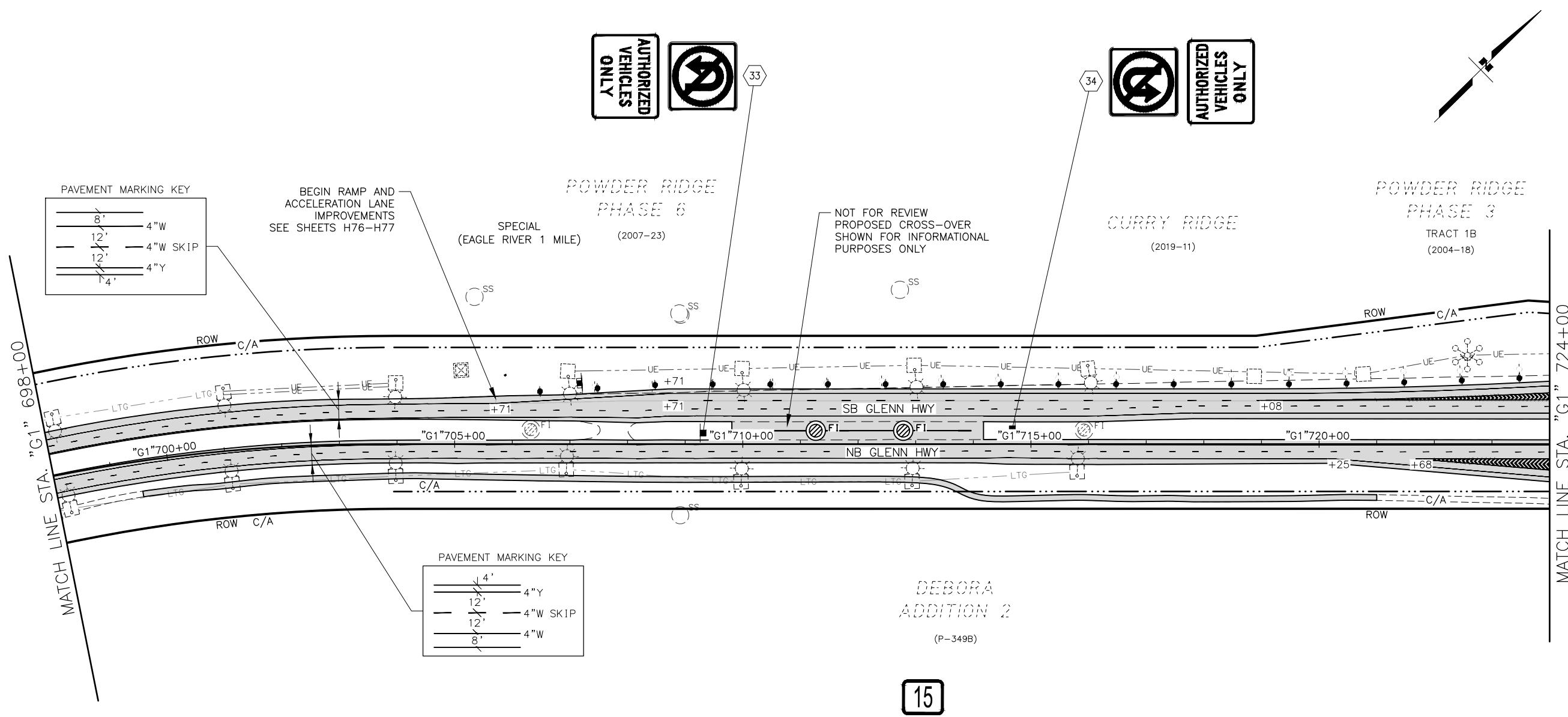
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8/29/2024

PLANS DEVELOPED BY:  
 KINNEY ENGINEERING, LLC  
 3909 Arctic Blvd, Suite 400  
 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  
 SIGNING, STRIPING,  
 AND ILLUMINATION  
 STA. 653+00 TO  
 STA. 698+00**

Z:\PROJECTS\00977 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00945\_H23-H72\_SSI.DWG  
 DRAWING LOCATION  
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 CHECKED BY KE  
 DRAFTED BY KE  
 SCALE 1" = 100'  
 TIME 9:09 PM  
 DATE 8/29/2024  
 PROJECT NO. 00977



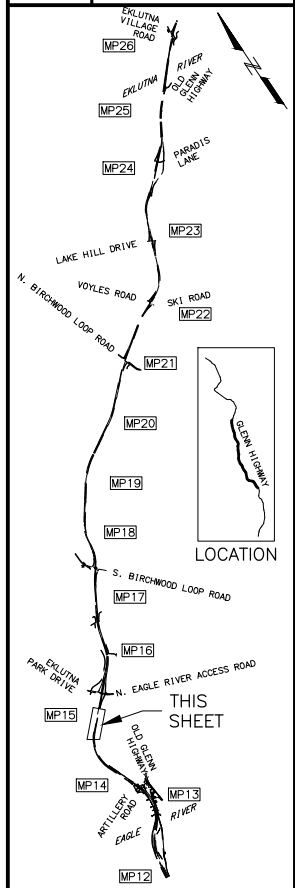
PAVEMENT MARKING KEY

8'	4"W
12'	4"W SKIP
12'	4"Y
4'	4"Y

PAVEMENT MARKING KEY

4'	4"Y
12'	4"W SKIP
12'	4"W
8'	4"W

SHEET NO.	TOTAL SHEETS
H46	H100
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



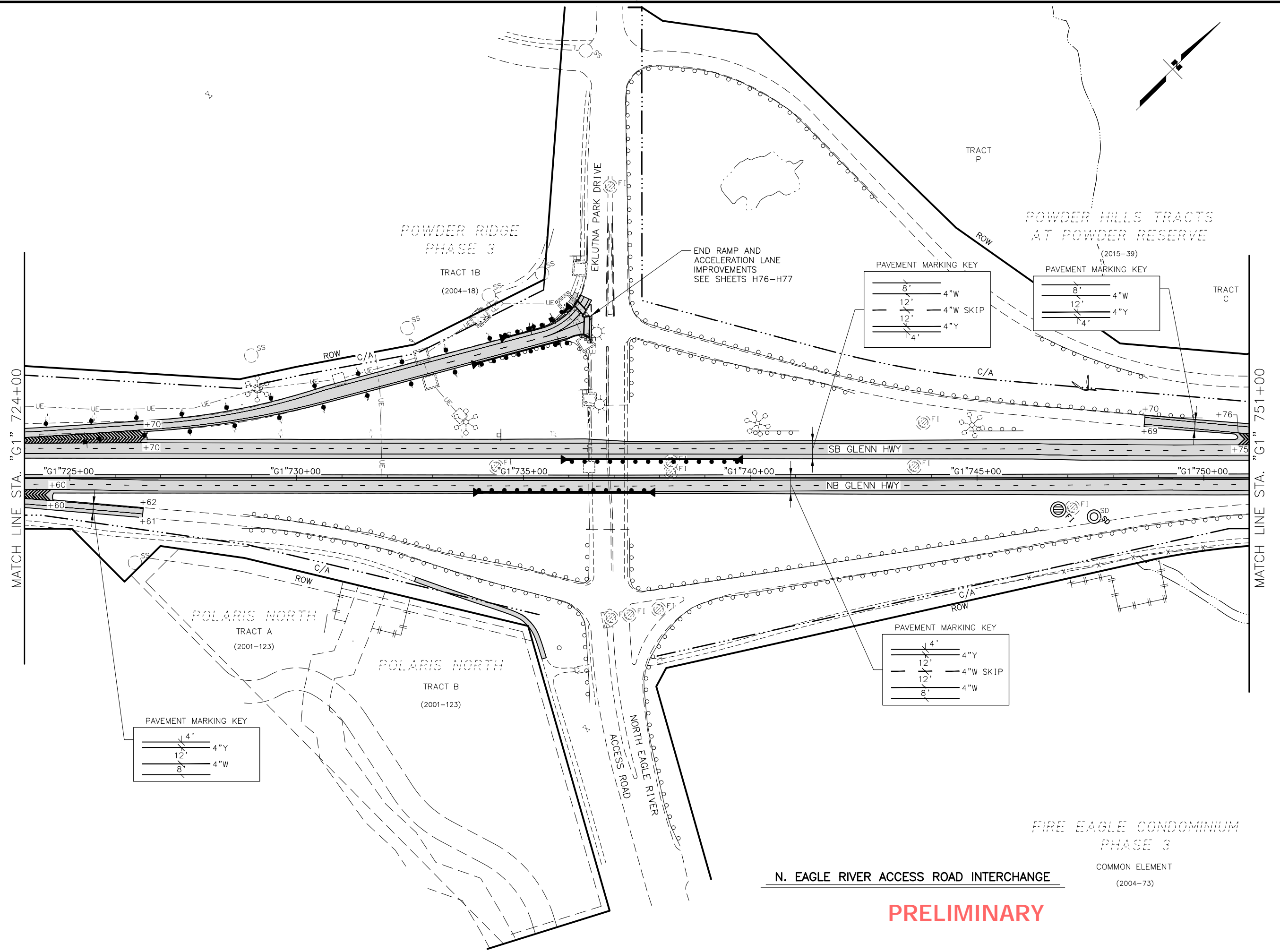
PIH  
 8/29/2024

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

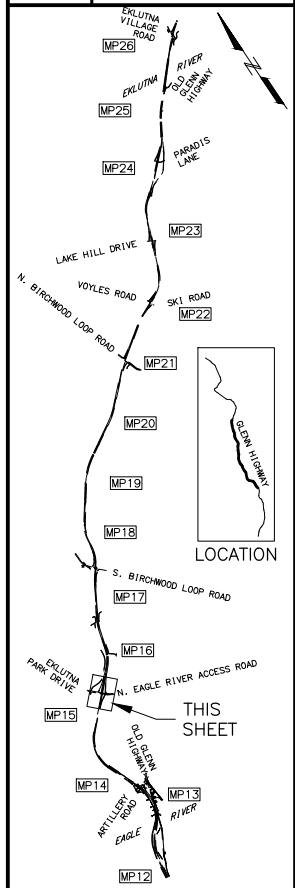
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION  
 SIGNING, STRIPING,  
 AND ILLUMINATION  
 STA. 698+00 TO  
 STA. 724+00

**PRELIMINARY**

KE  
 DESIGNED BY  
 CHECKED BY  
 DRAFTED BY  
 SCALE  
 1" = 100'  
 TIME  
 DATE  
 8/29/2024 9:10 PM  
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SHEET NO.	TOTAL SHEETS
H47	H100
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



**N. EAGLE RIVER ACCESS ROAD INTERCHANGE**

COMMON ELEMENT  
(2004-73)

**PRELIMINARY**

FIRE EAGLE CONDOMINIUM  
PHASE 3

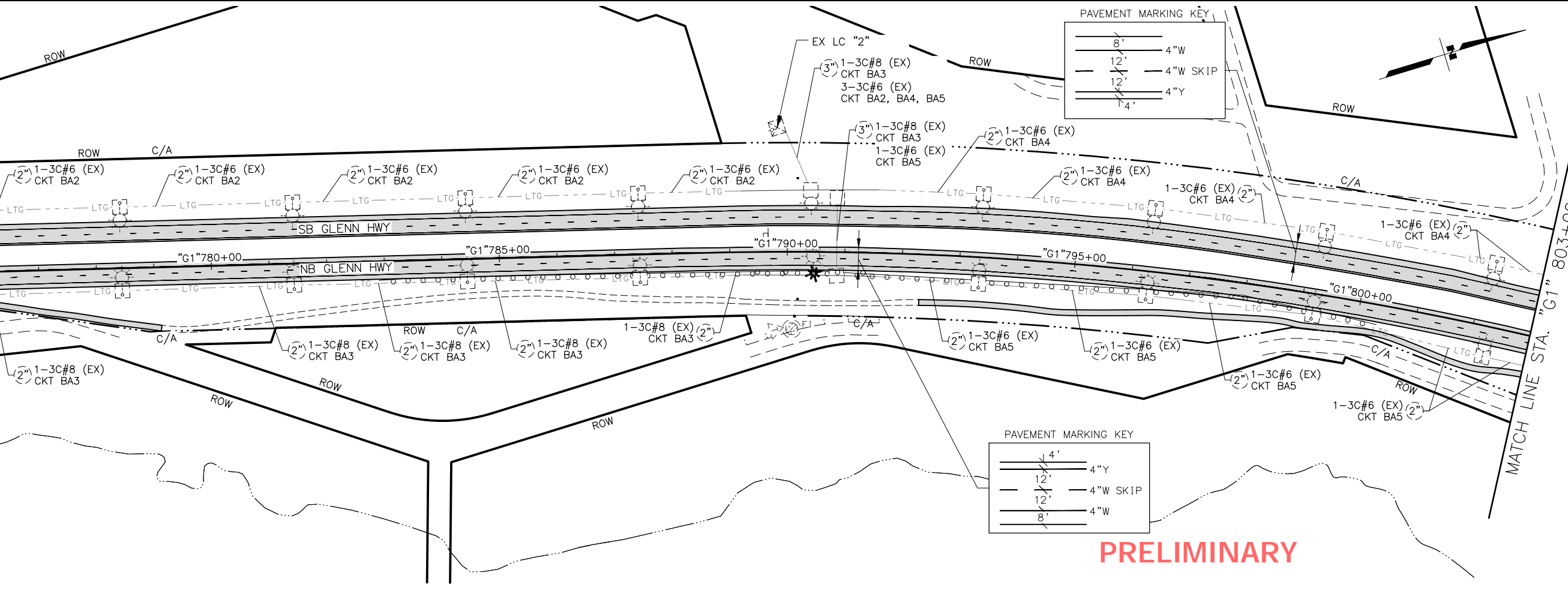
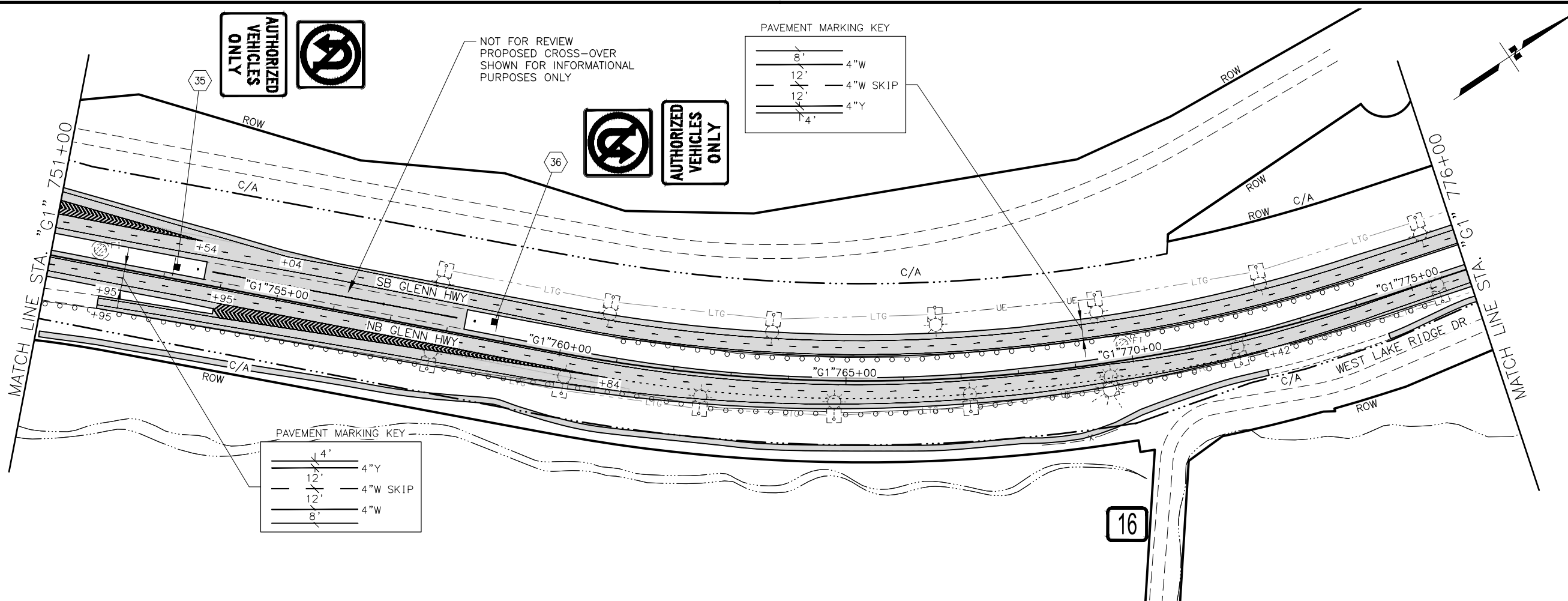
**PIH**

8/29/2024

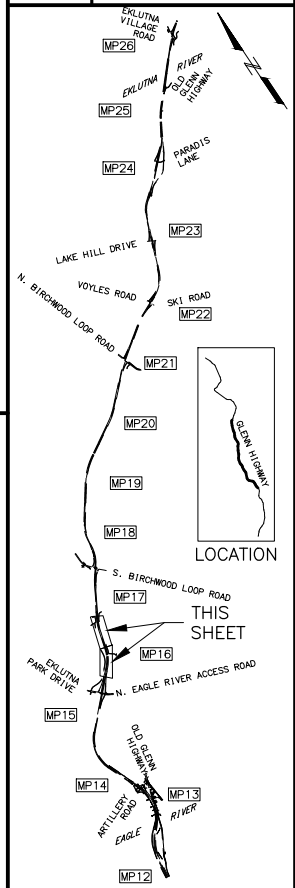
PLANS DEVELOPED BY:  
KINNEY ENGINEERING, LLC  
3909 Arctic Blvd, Suite 400  
ANCHORAGE, AK 99503  
(907) 346-2373  
CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
GLENN HWY: AIRPORT HEIGHTS  
TO PARKS HWY REHABILITATION  
SIGNING, STRIPING,  
AND ILLUMINATION  
STA. 724+00 TO  
STA. 751+00

DESIGNED BY: KE  
 CHECKED BY: KE  
 DRAFTED BY: KE  
 SCALE: 1" = 100'  
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SHEET NO.	TOTAL SHEETS
H48	H100
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



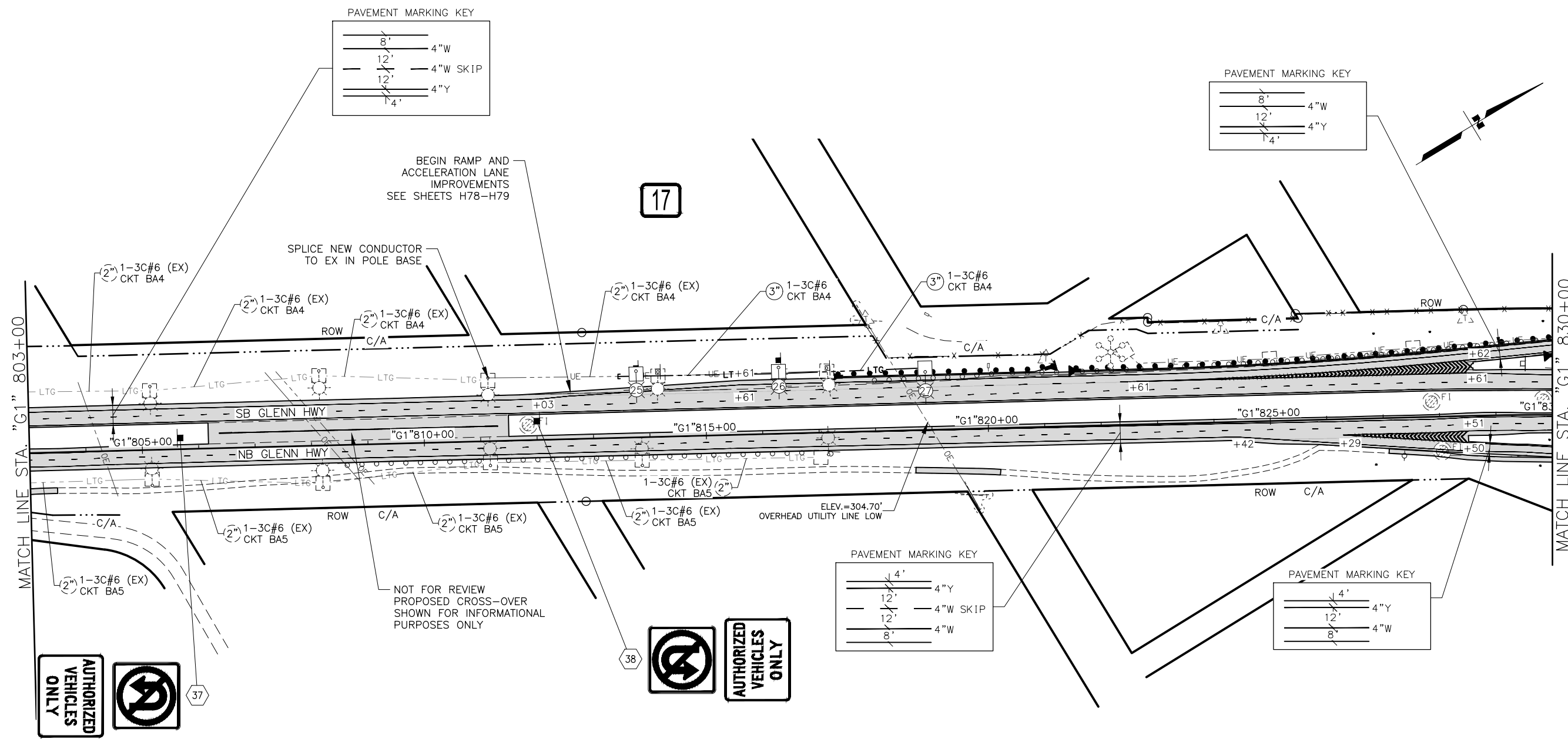
**PIH**  
 8/29/2024

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

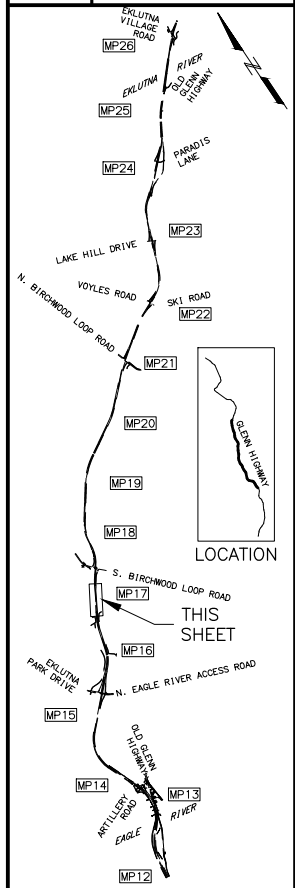
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION  
 SIGNING, STRIPING,  
 AND ILLUMINATION  
 STA. 751+00 TO  
 STA. 803+00



Z:\PROJECTS\005777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00545\_H23-H72\_SSI.DWG  
 DRAWING LOCATION  
 DESIGNED BY KE  
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 DRAFTED BY KE  
 SCALE 1" = 100'  
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 DATE



SHEET NO.	TOTAL SHEETS
H49	H100
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



PIH

8/29/2024

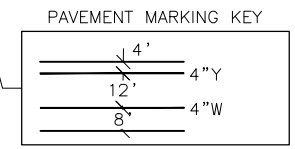
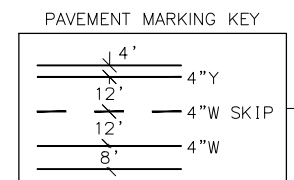
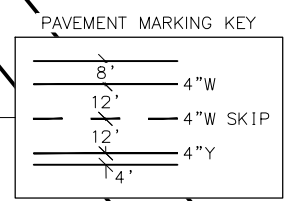
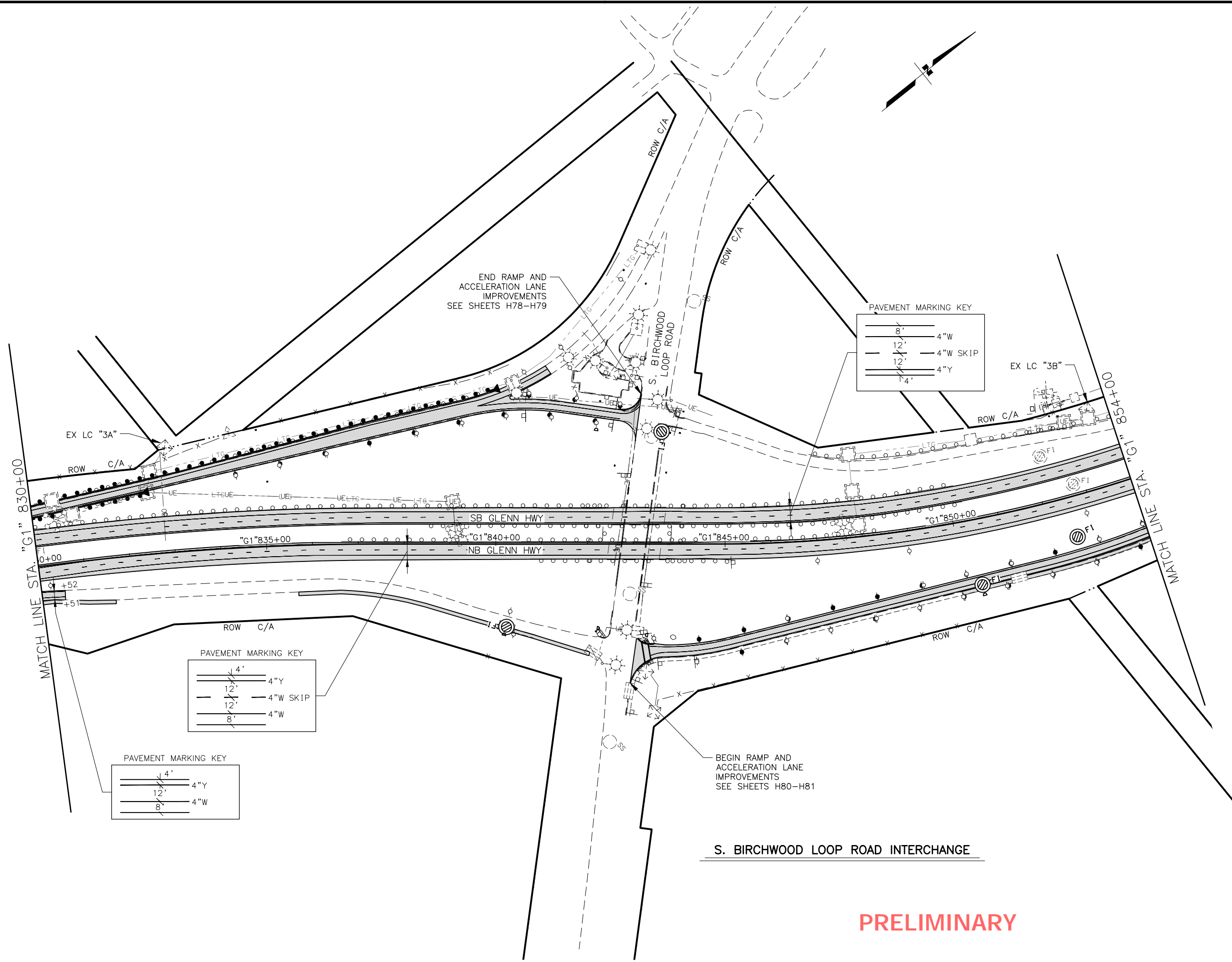
PLANS DEVELOPED BY:  
 KINNEY ENGINEERING, LLC  
 3909 Arctic Blvd, Suite 400  
 ANCHORAGE, AK 99503  
 (907) 346-2373  
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION  
 SIGNING, STRIPING,  
 AND ILLUMINATION  
 STA. 803+00 TO  
 STA. 830+00

PRELIMINARY



Z:\PROJECTS\009777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00945\_H23-H72\_SSI.DWG  
 DRAWING LOCATION  
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 CHECKED BY: KE  
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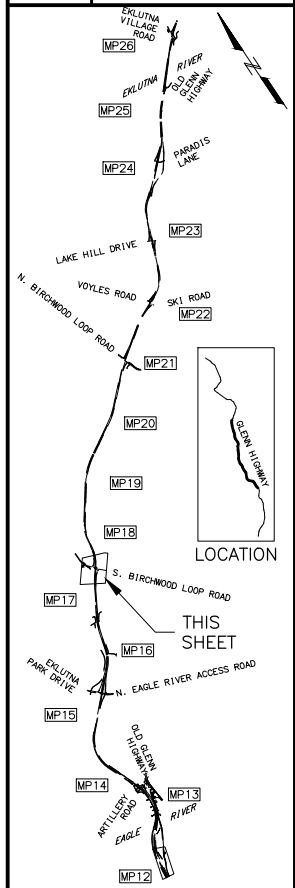
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END RAMP AND ACCELERATION LANE IMPROVEMENTS SEE SHEETS H78-H79

**S. BIRCHWOOD LOOP ROAD INTERCHANGE**

**PRELIMINARY**

SHEET NO.	TOTAL SHEETS
H50	H100
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

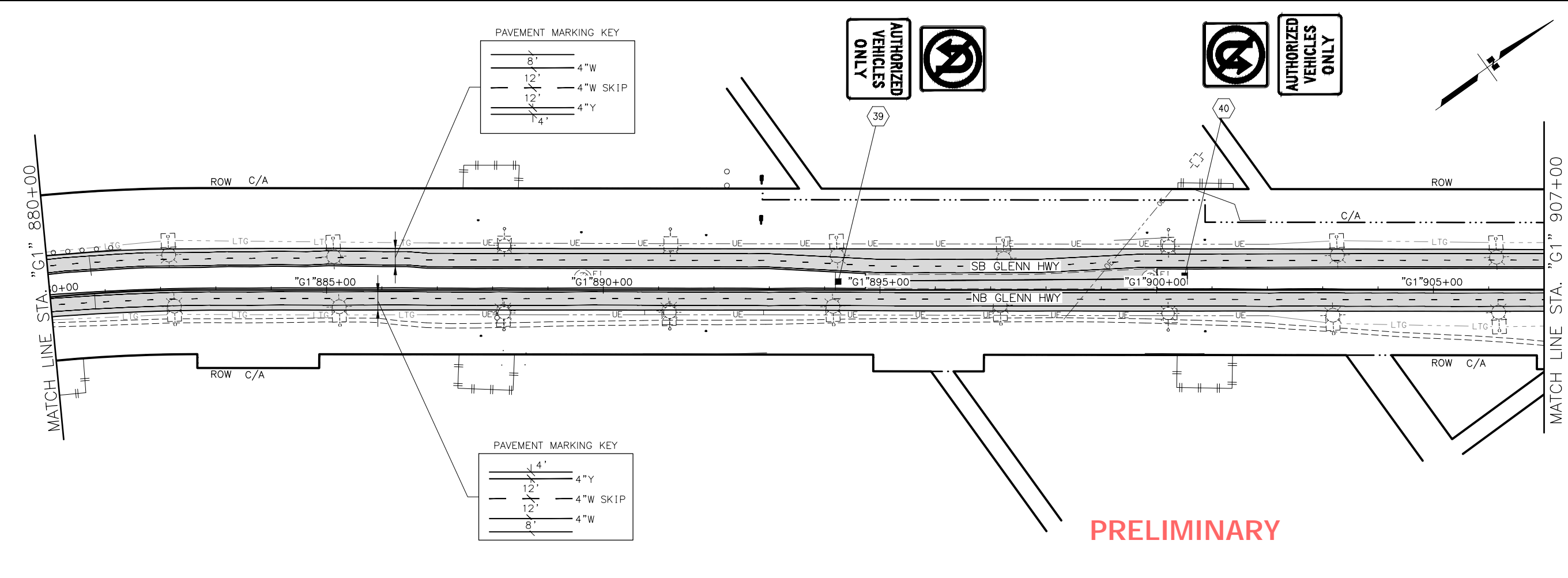
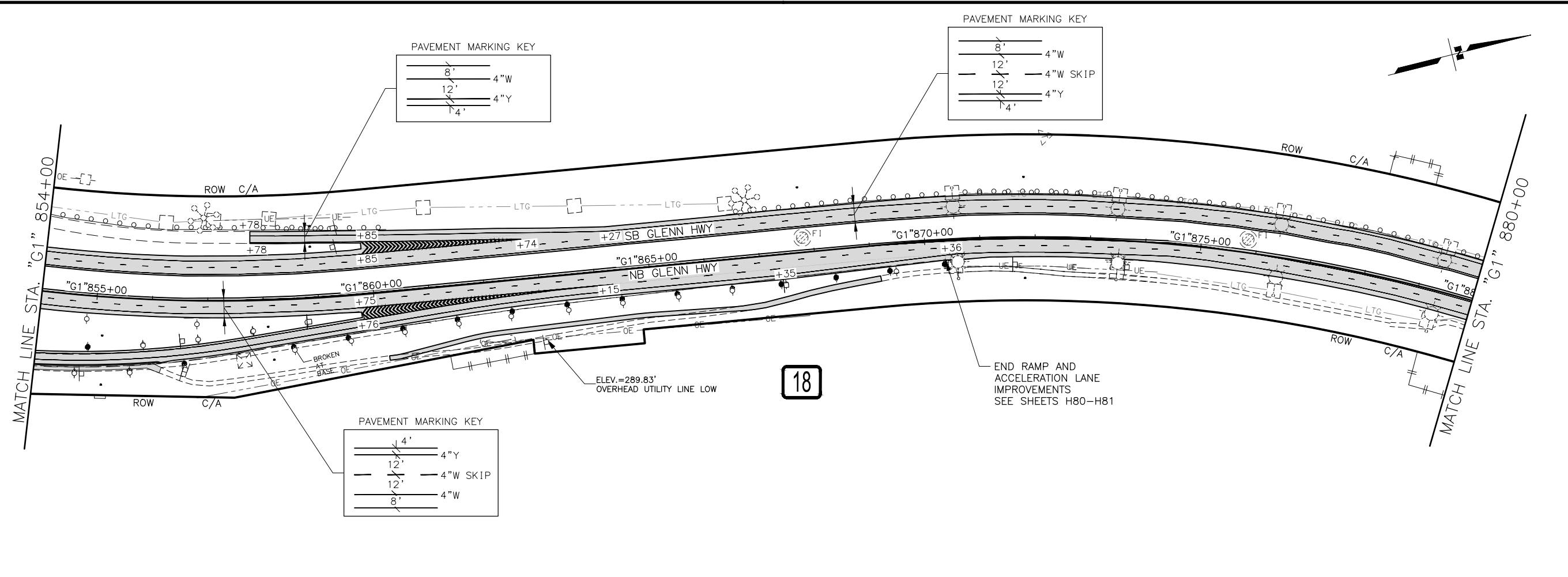


**PIH**  
8/29/2024

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  
SIGNING, STRIPING,  
AND ILLUMINATION  
STA. 830+00 TO  
STA. 854+00

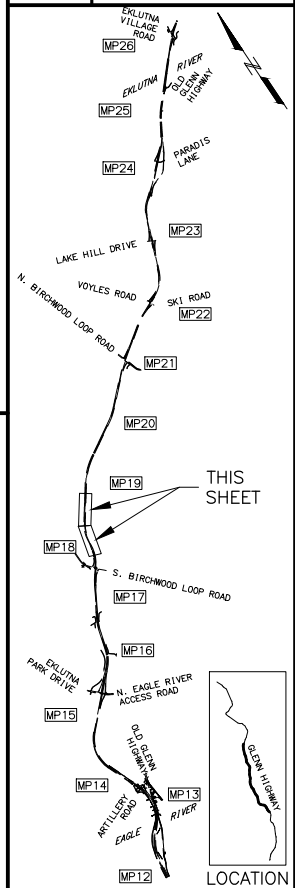
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SHEET NO.	TOTAL SHEETS
H51	H100
STATE	YEAR
ALASKA	2024

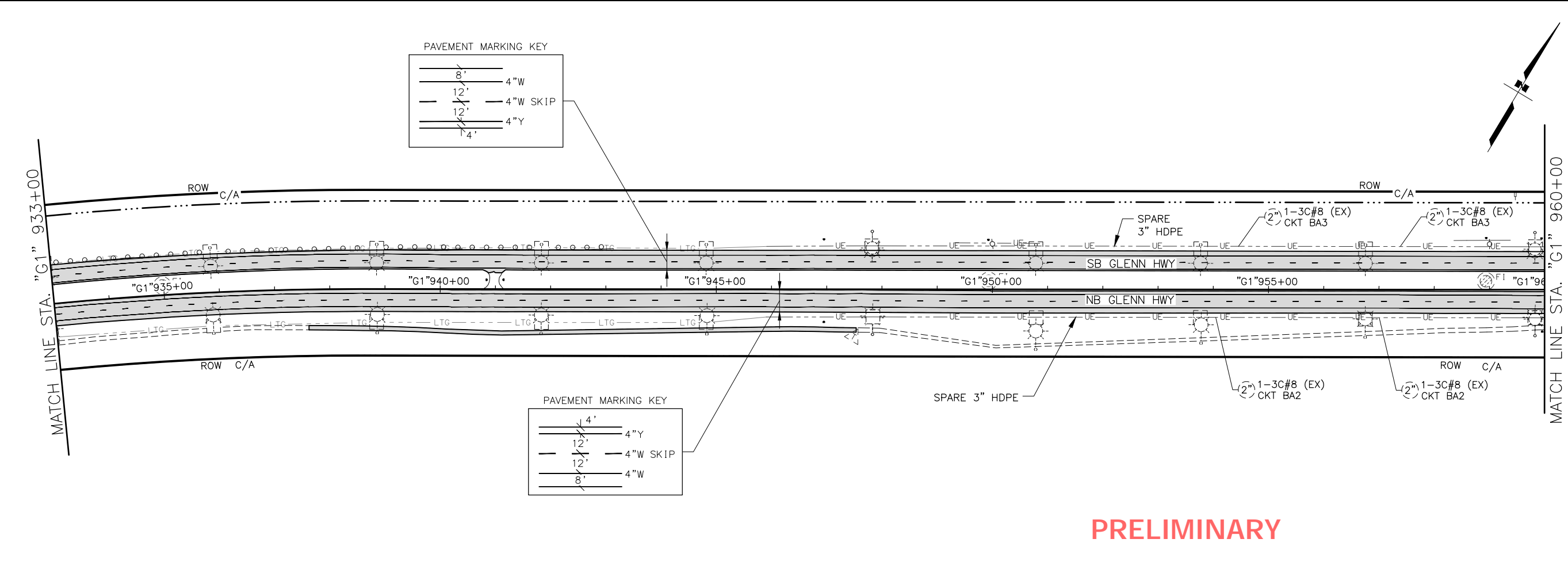
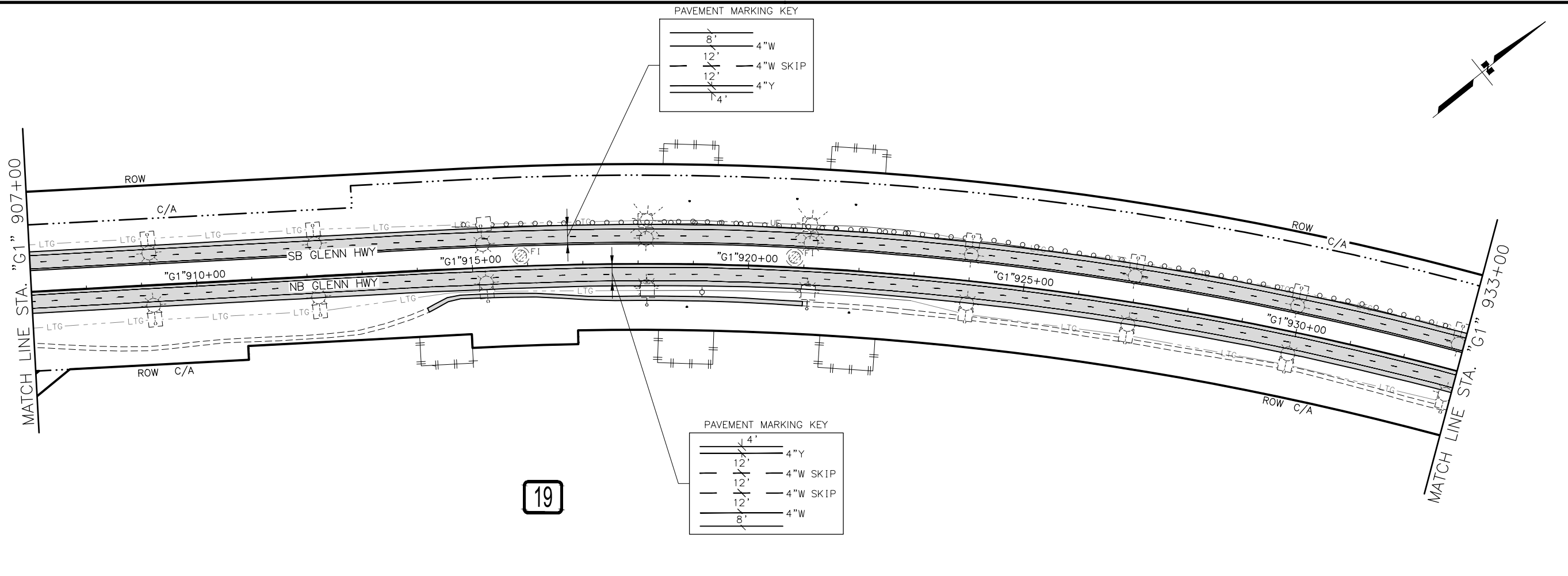
PROJECT DESIGNATION  
**0001656/  
 CFHWY00545**

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  
 SIGNING, STRIPING,  
 AND ILLUMINATION  
 STA. 854+00 TO  
 STA. 907+00**

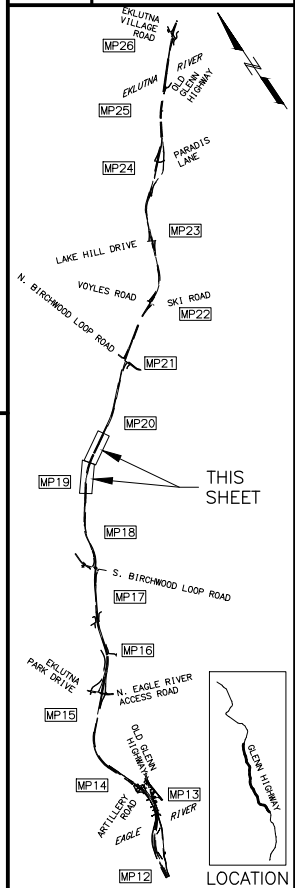
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 DATE: 8/29/2024 9:13 PM  
 SCALE: 1" = 100'  
 DESIGNED BY: KE  
 CHECKED BY: KE  
 DRAFTED BY: KE



SHEET NO.	TOTAL SHEETS
H52	H100
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  
 SIGNING, STRIPING,  
 AND ILLUMINATION  
 STA. 907+00 TO  
 STA. 960+00**

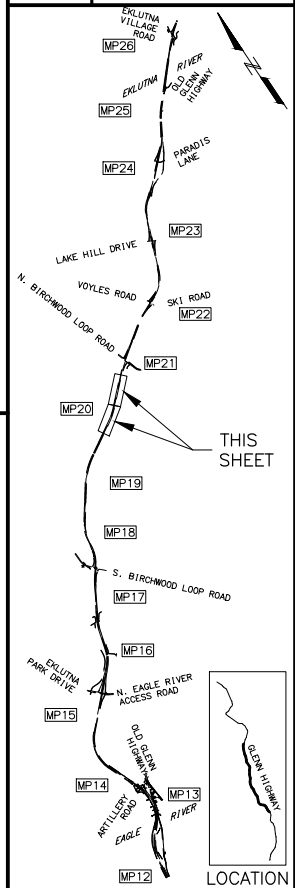
**PRELIMINARY**

DESIGNED BY: KE  
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SHEET NO.	TOTAL SHEETS
H53	H100
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION  
**0001656/  
 CFHWY00545**

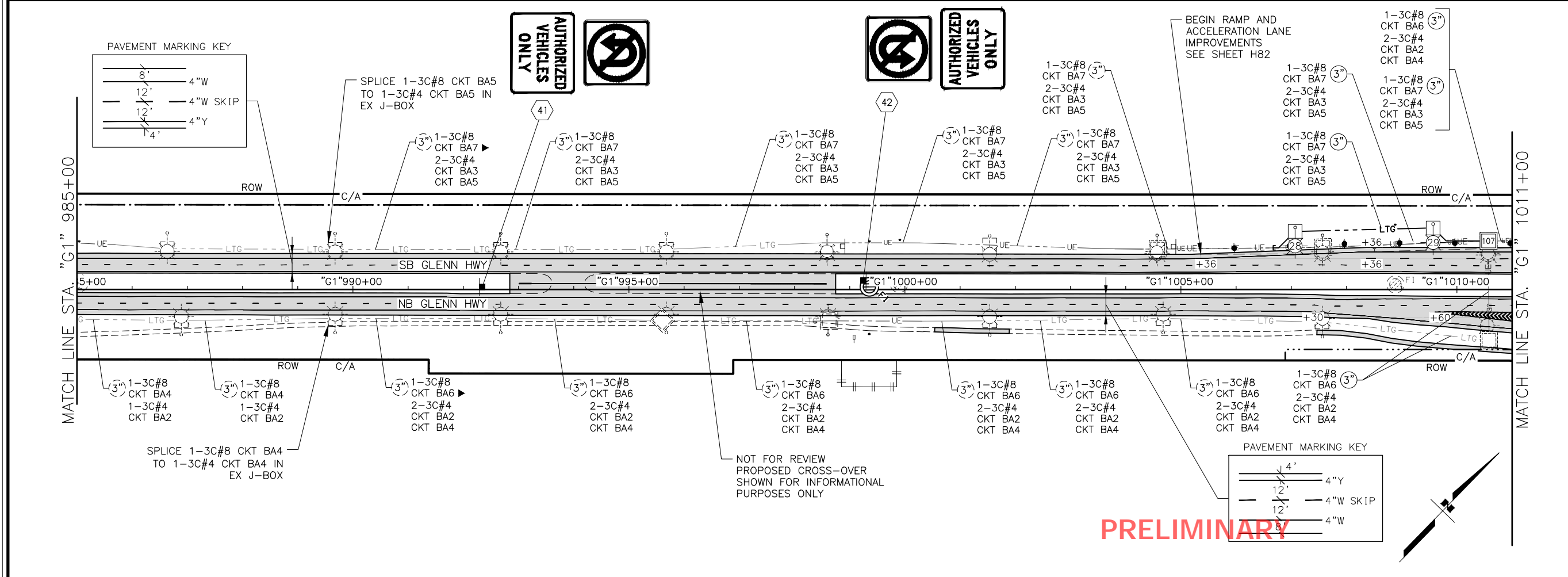
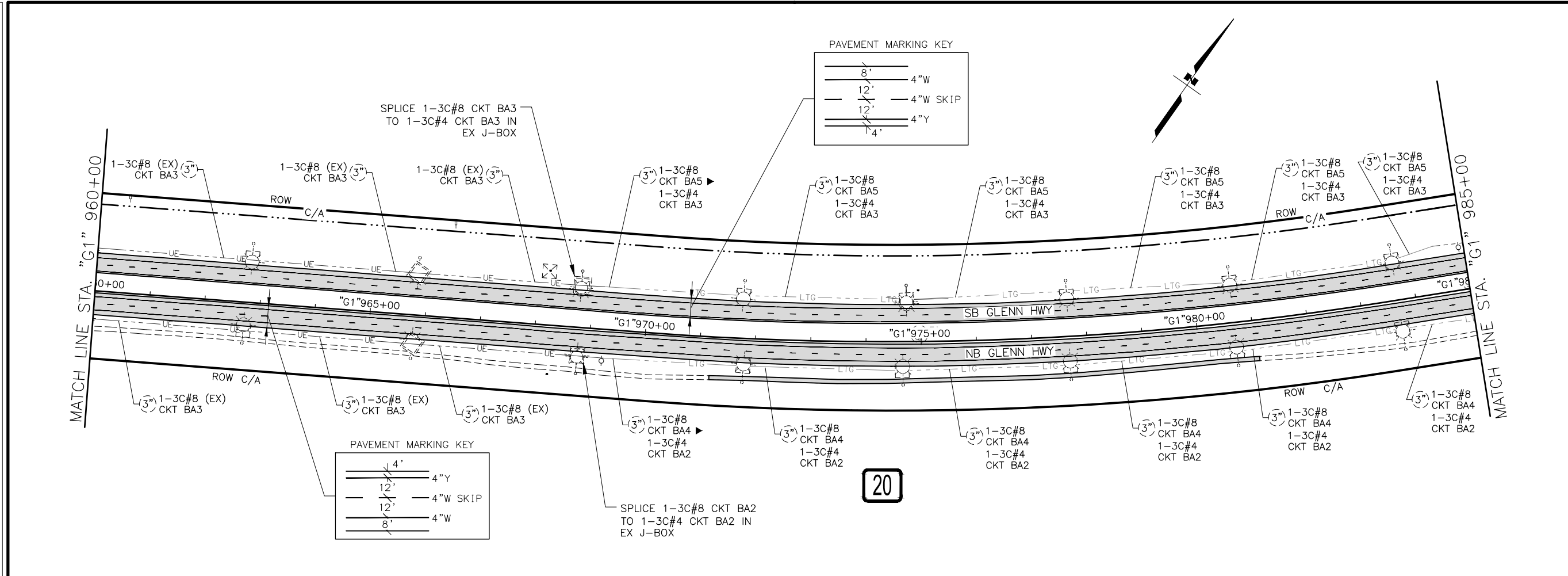
NO.	REVISION



LOCATION

**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

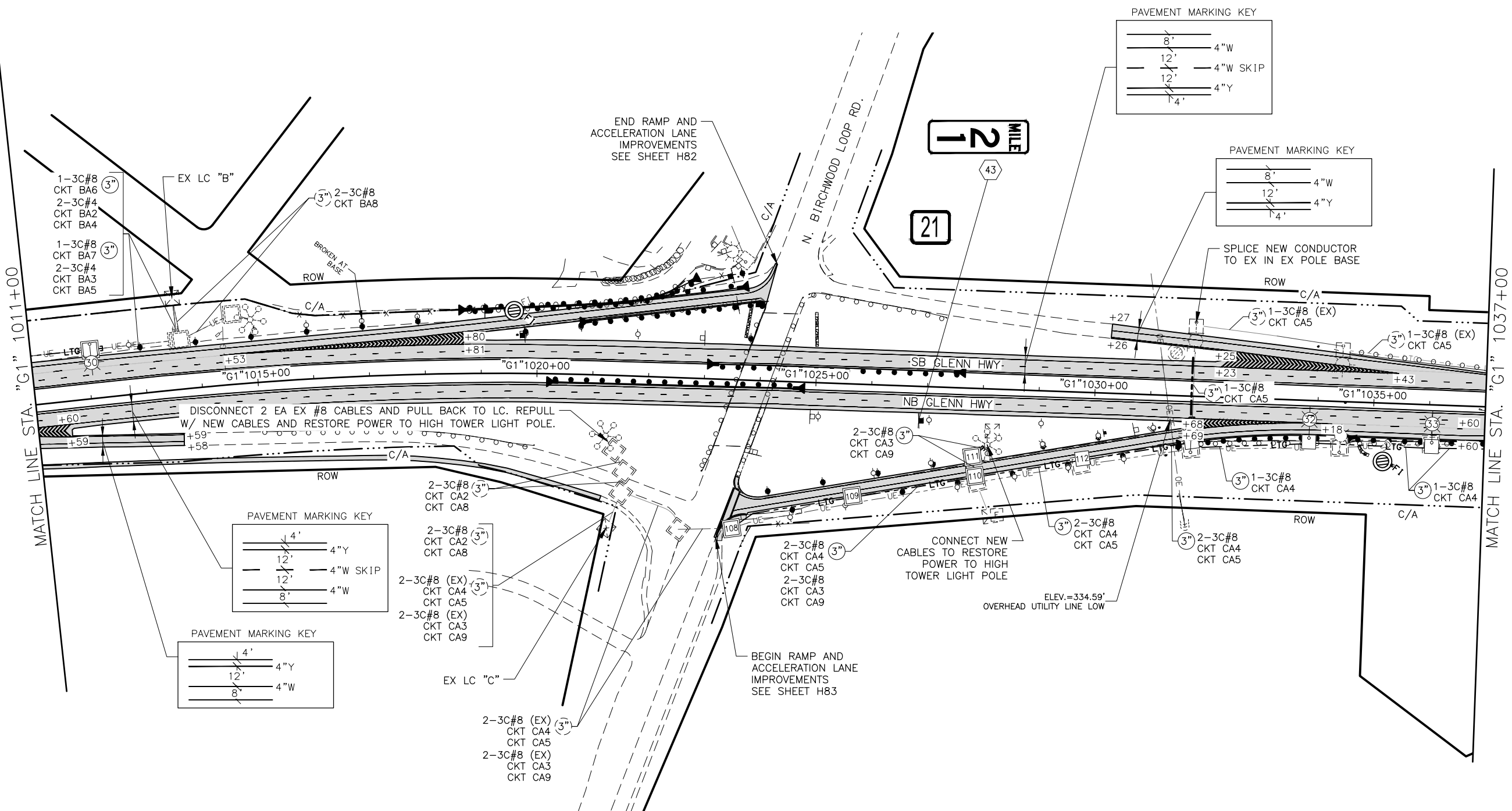
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION  
 SIGNING, STRIPING,  
 AND ILLUMINATION**  
 STA. 960+00 TO  
 STA. 1011+00



**PRELIMINARY**

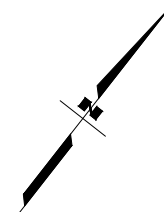


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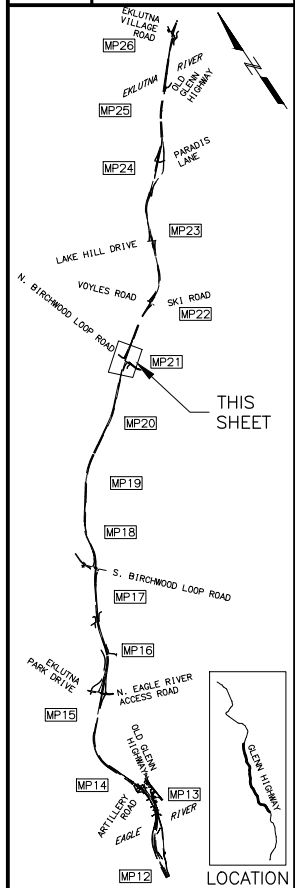


**N. BIRCHWOOD LOOP ROAD INTERCHANGE**

**PRELIMINARY**



SHEET NO.	TOTAL SHEETS
H54	H100
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
NO.	REVISION
NO.	REVISION
NO.	REVISION



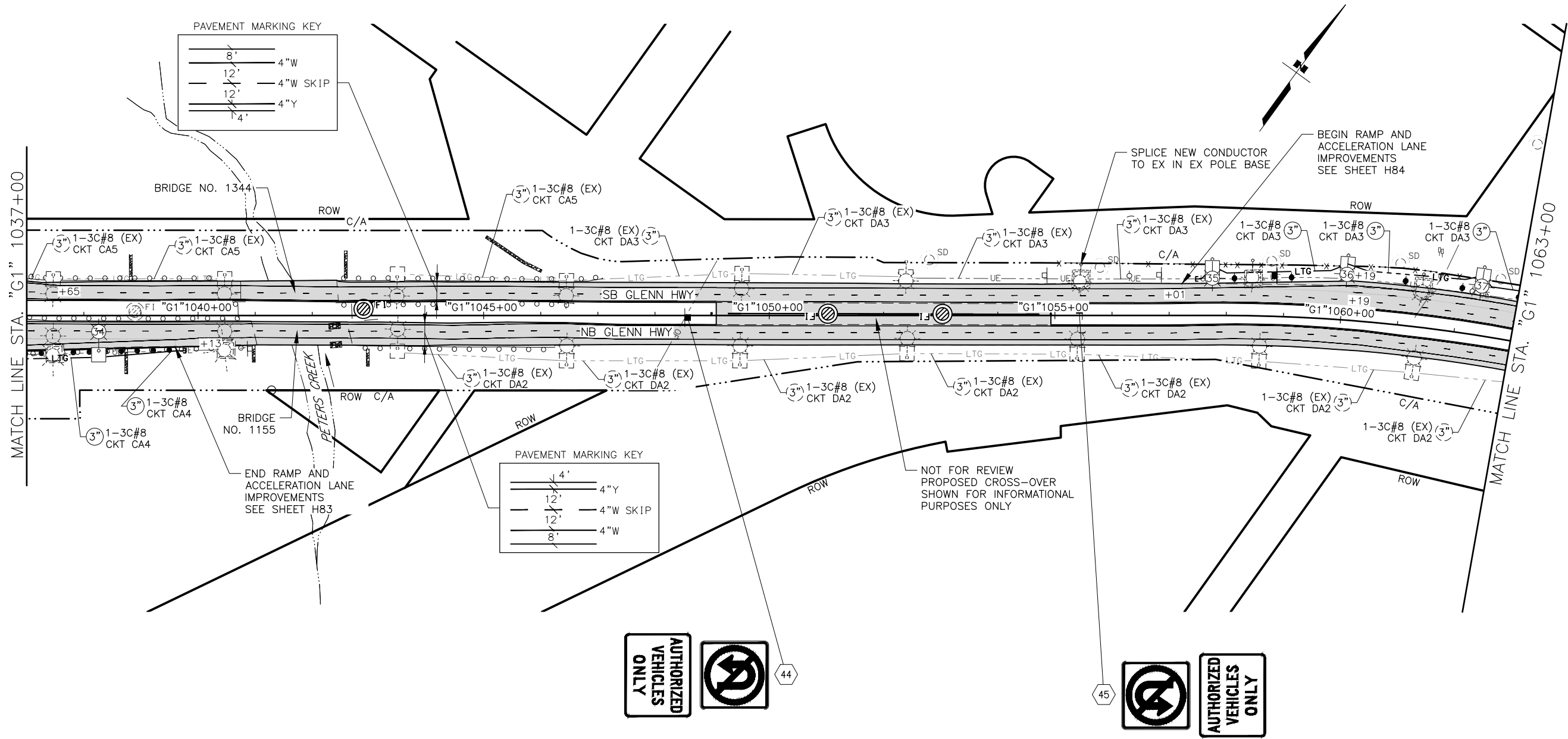
**PIH**

**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

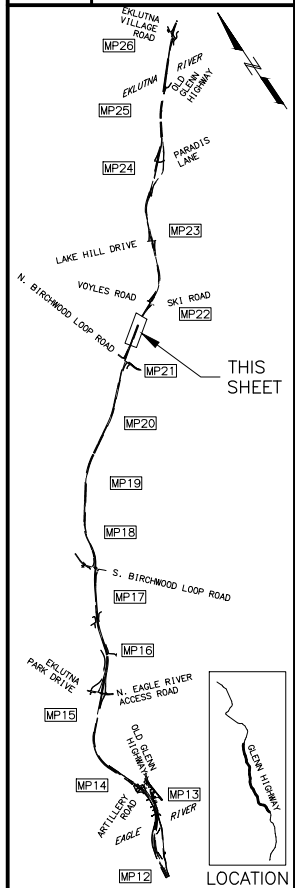
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION  
 SIGNING, STRIPING,  
 AND ILLUMINATION**  
 STA. 1011+00 TO  
 STA. 1037+00

Z:\PROJECTS\005777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00545\_H23-H72\_SSI.DWG  
 DRAWING LOCATION  
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 CHECKED BY: KE  
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 TIME: 8/29/2024 9:15 PM



**PRELIMINARY**

SHEET NO.	TOTAL SHEETS
H55	H100
STATE	YEAR
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PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
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DATE	
NO.	REVISION
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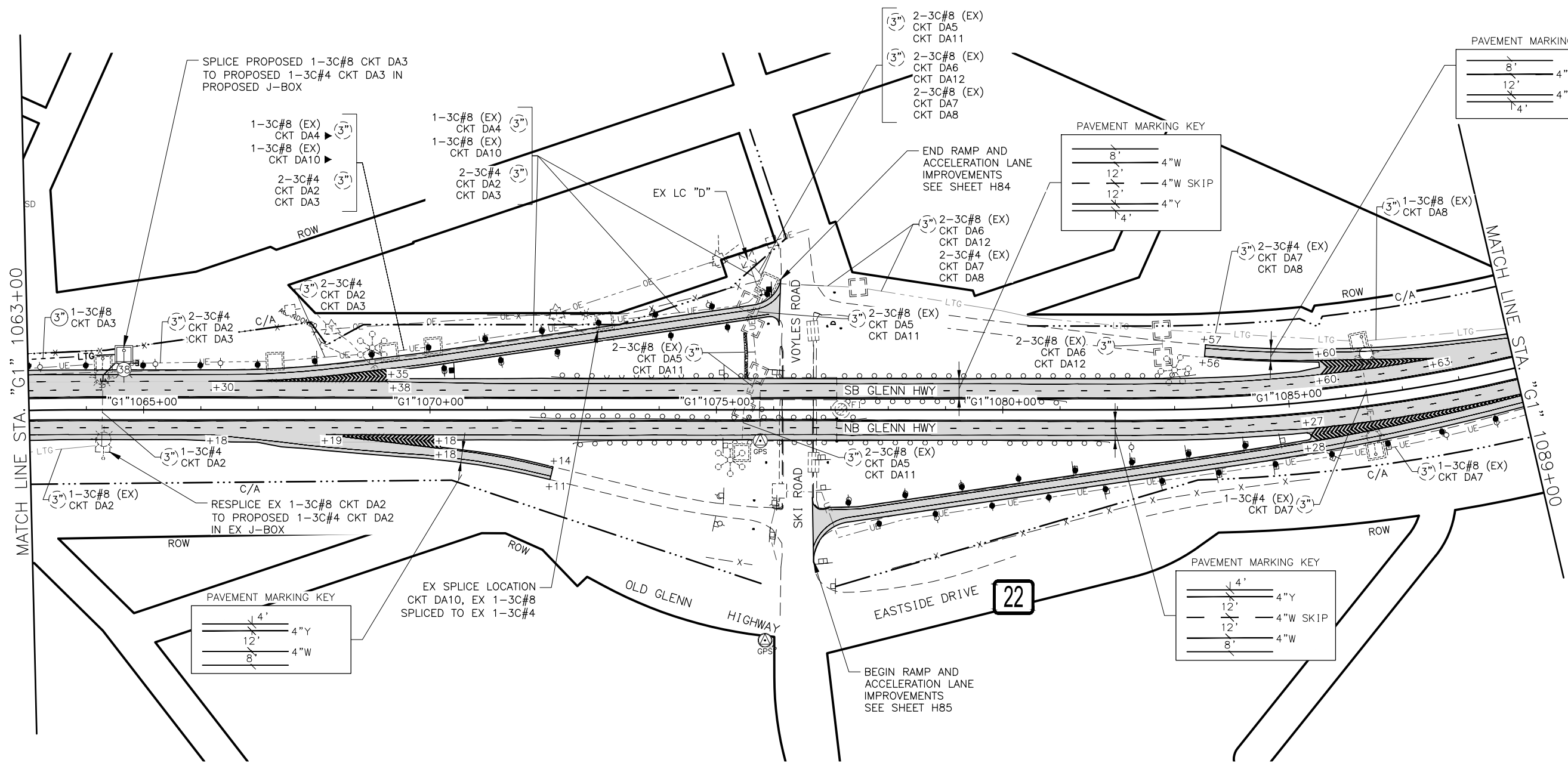


PIH  
8/29/2024

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  
SIGNING, STRIPING,  
AND ILLUMINATION  
STA. 1037+00 TO  
STA. 1063+00

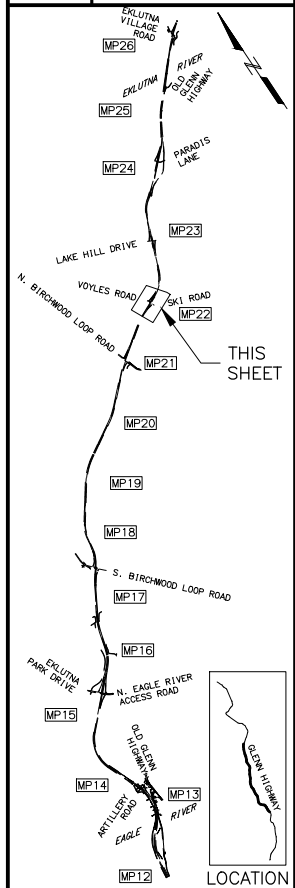
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SHEET NO.	TOTAL SHEETS
H56	H100
STATE	YEAR
ALASKA	2024

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  
 SIGNING, STRIPING,  
 AND ILLUMINATION**  
 STA. 1063+00 TO  
 STA. 1089+00

**PRELIMINARY**

DESIGNED BY  
CHECKED BY  
DRAFTED BY

SCALE  
1" = 100'

TIME  
8/29/2024 9:16 PM

DATE

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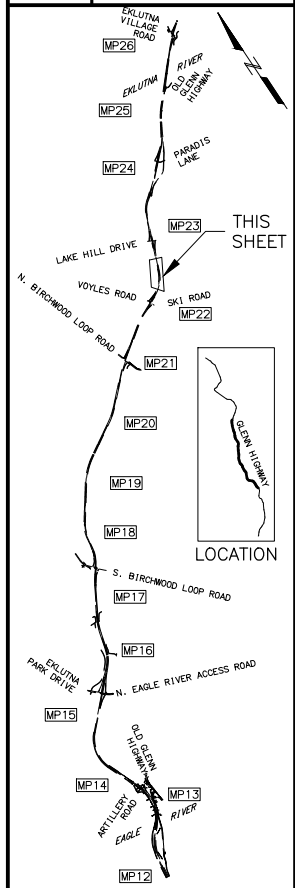
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SHEET NO.	TOTAL SHEETS
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STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION  
**0001656/  
CFHWY00545**

NO.	REVISION

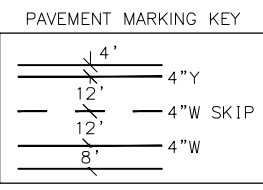
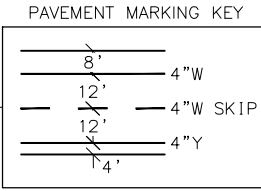
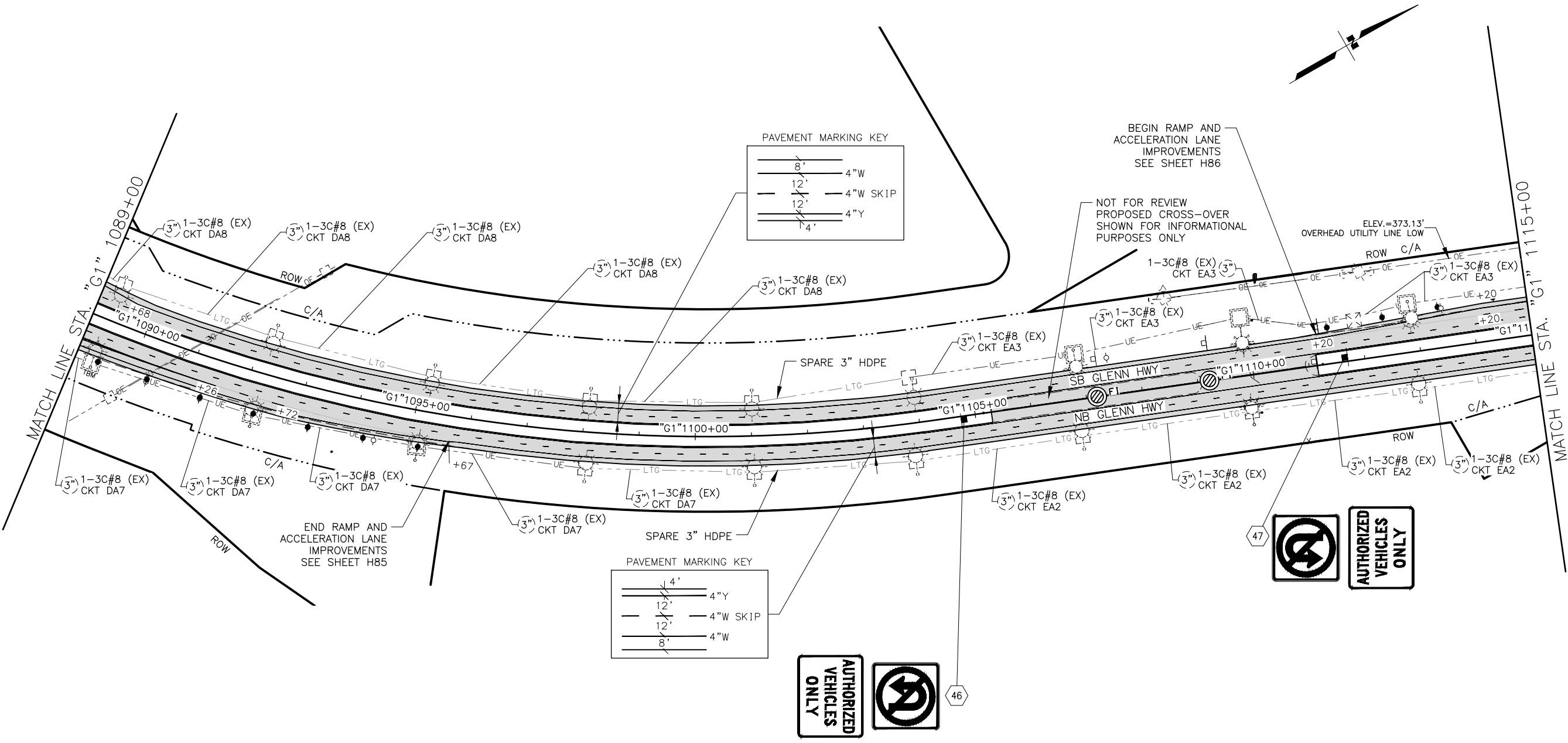


**PIH**  
8/29/2024

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  
SIGNING, STRIPING,  
AND ILLUMINATION  
STA. 1089+00 TO  
STA. 1115+00**

**PRELIMINARY**



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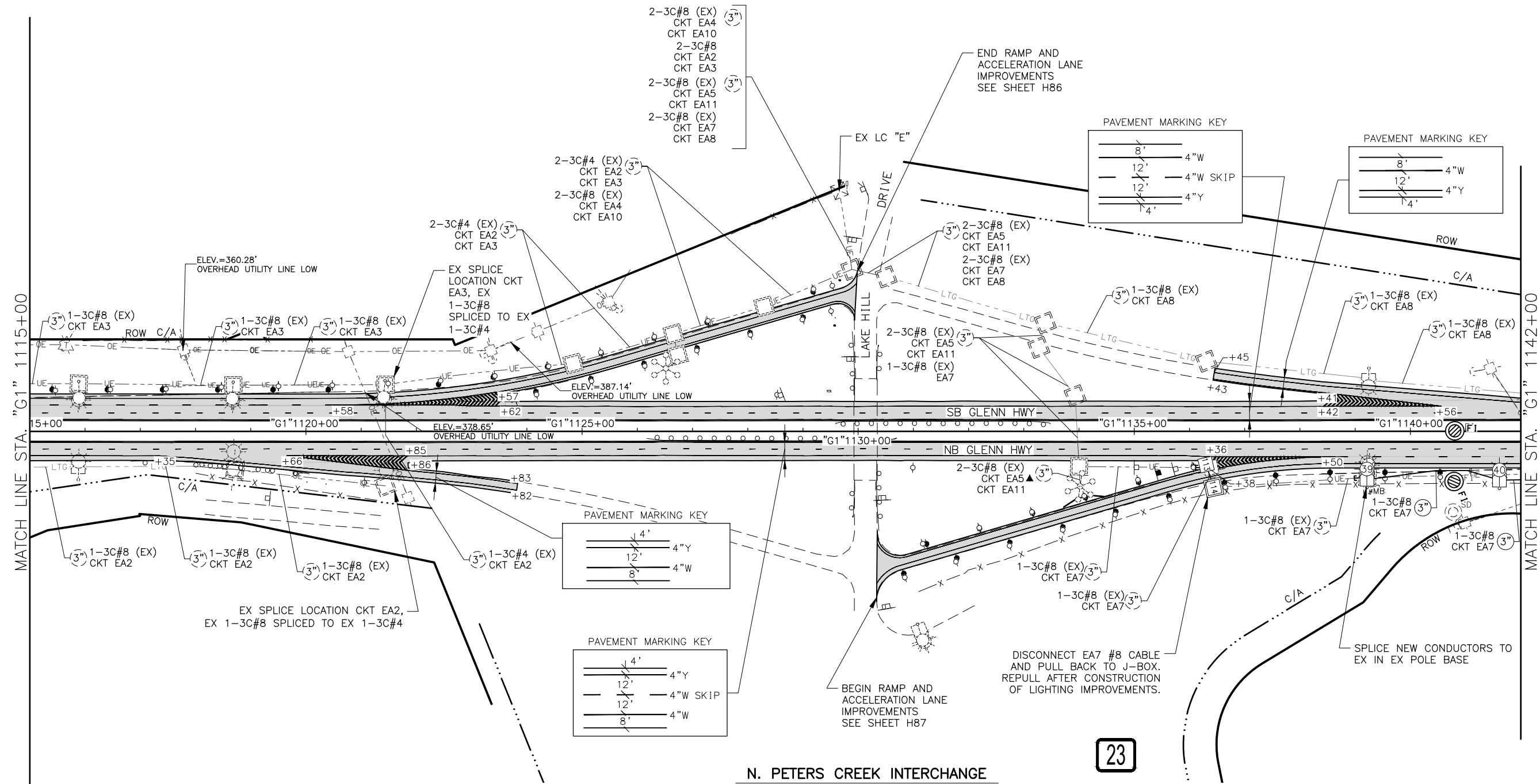
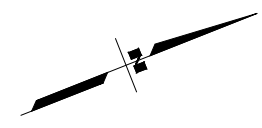


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SCALE: 1" = 100'

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N. PETERS CREEK INTERCHANGE

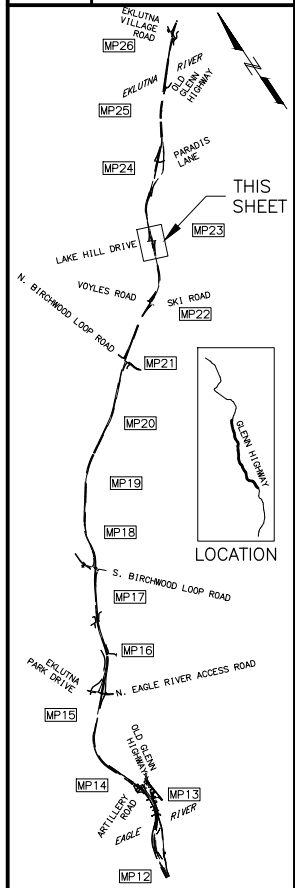
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PRELIMINARY

SHEET NO.	TOTAL SHEETS
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STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION  
**0001656/  
 CFHWY00545**

NO.	REVISION



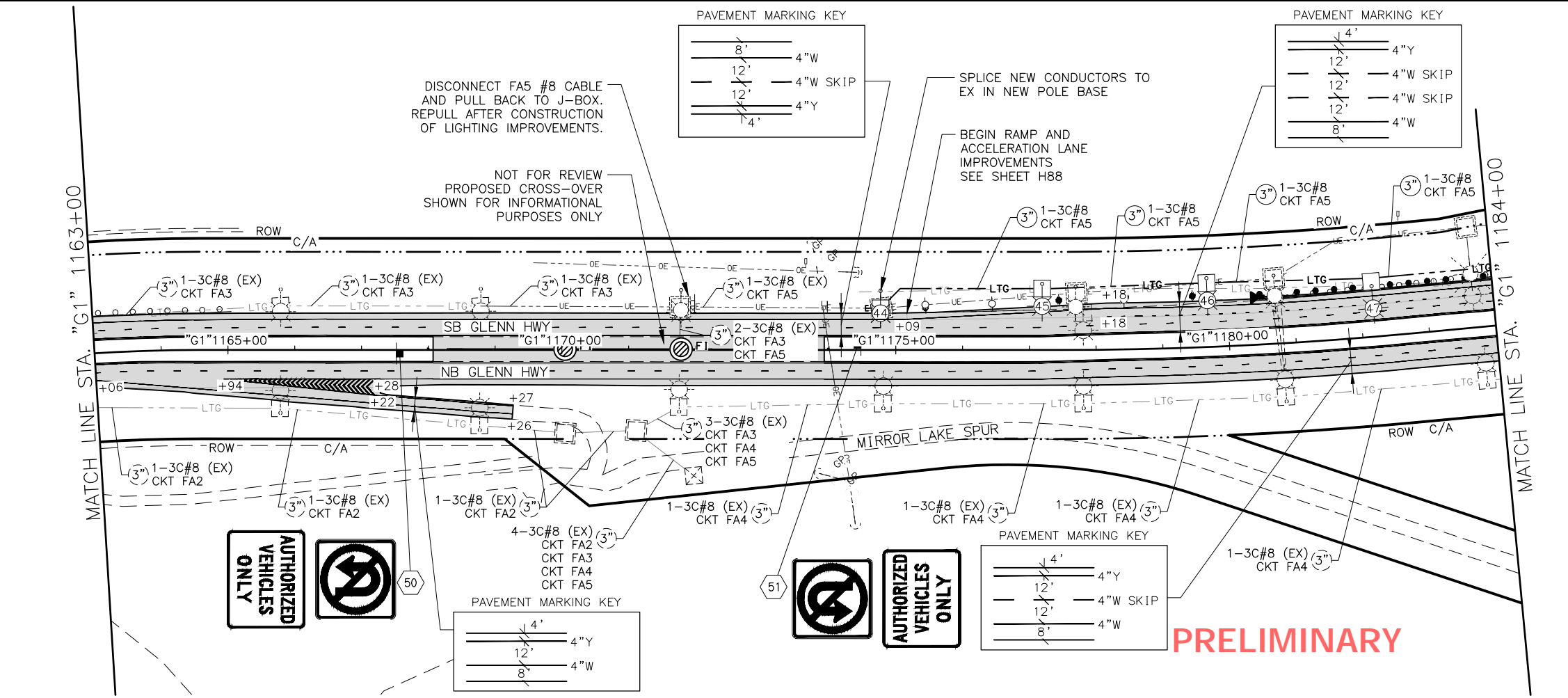
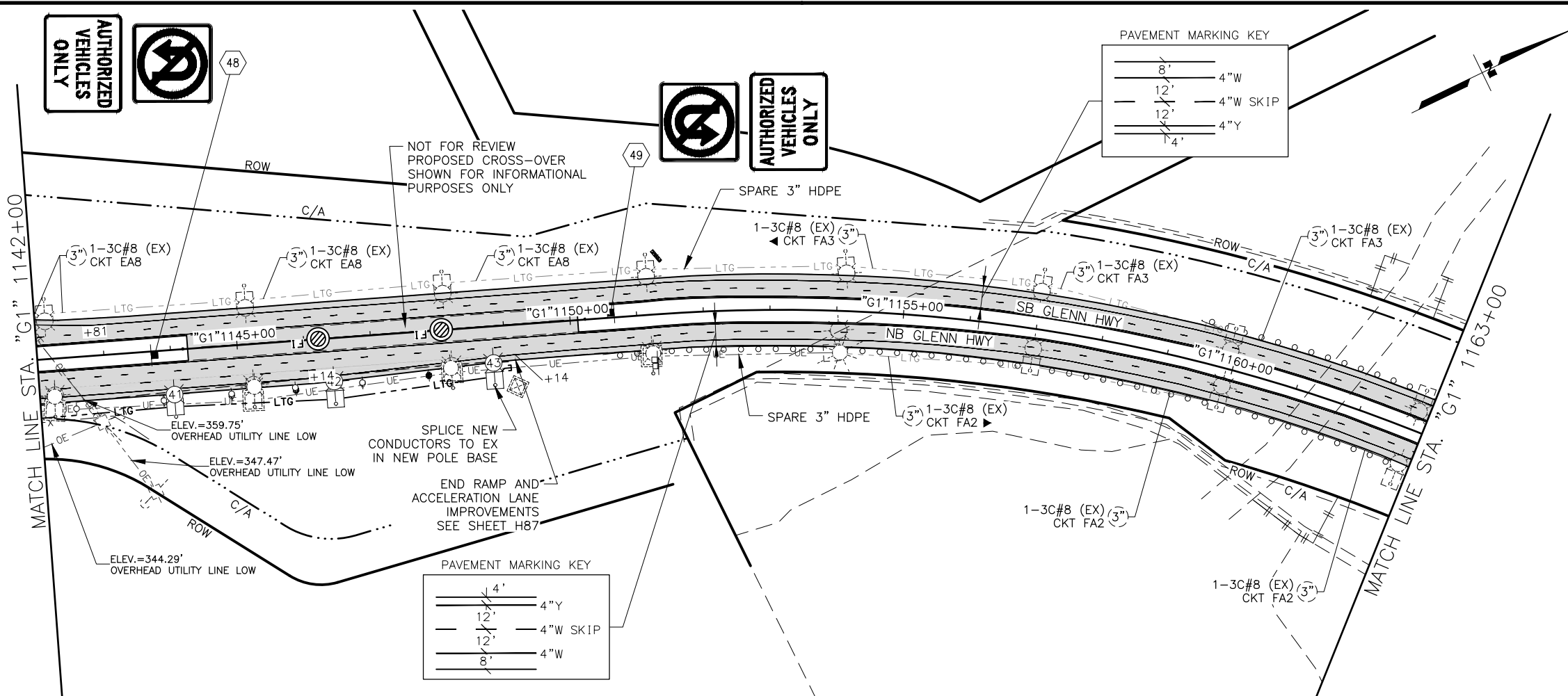
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8/29/2024

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  
 SIGNING, STRIPING,  
 AND ILLUMINATION  
 STA. 1115+00 TO  
 STA. 1142+00**

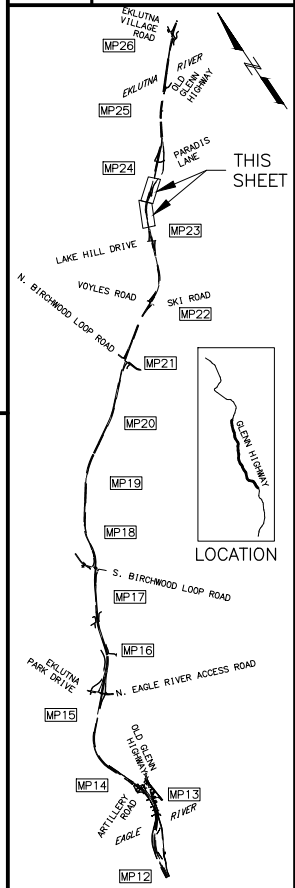
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SHEET NO.	TOTAL SHEETS
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STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION  
**0001656/  
 CFHWY00545**

NO.	REVISION

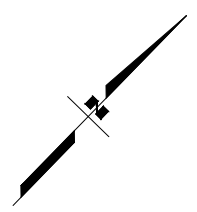
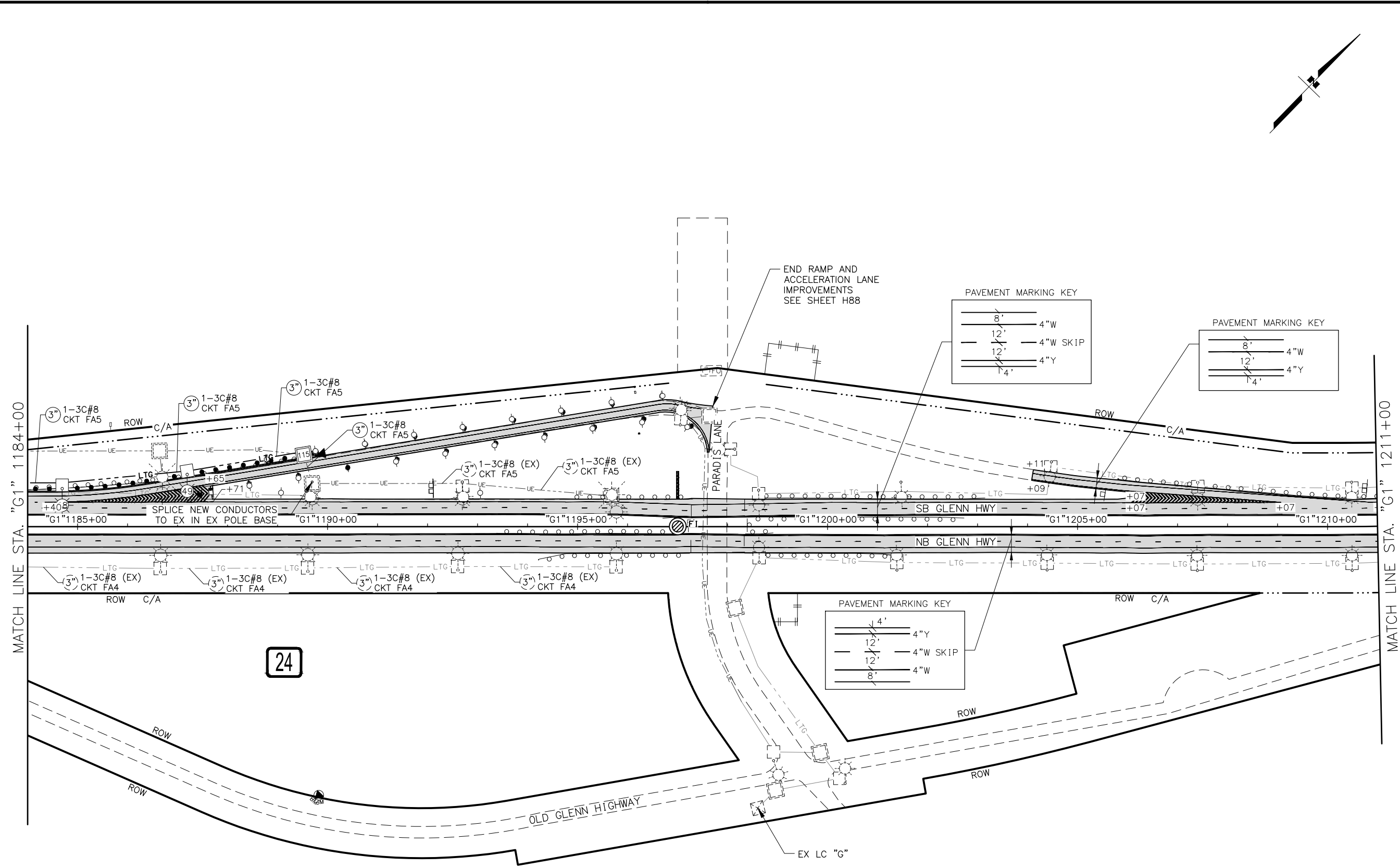


**PIH**  
 8/29/2024  
 PLANS DEVELOPED BY:  
 KINNEY ENGINEERING, LLC  
 3909 Arctic Blvd, Suite 400  
 ANCHORAGE, AK 99503  
 (907) 346-2373  
 CERT. OF AUTH. NO. AECL 1102

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

**PRELIMINARY**

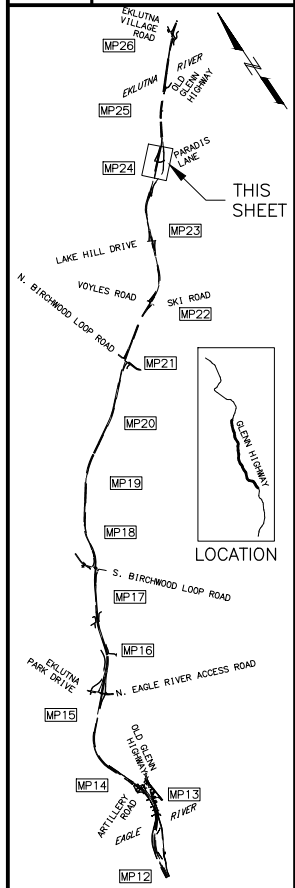
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 SCALE 1" = 100'  
 DATE 8/29/2024 9:18 PM  
 DESIGNED BY KE  
 CHECKED BY KE  
 DRAFTED BY KE



SHEET NO.	TOTAL SHEETS
H60	H100
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  
 SIGNING, STRIPING,  
 AND ILLUMINATION  
 STA. 1184+00 TO  
 STA. 1211+00**

**MIRROR LAKE INTERCHANGE**

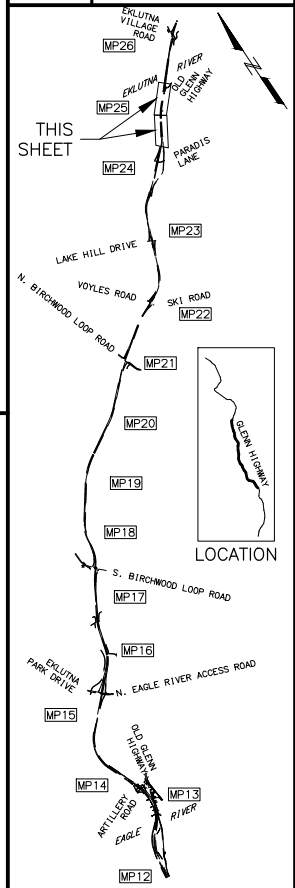
PRELIMINARY

DESIGNED BY: KE  
 CHECKED BY: KE  
 DRAFTED BY: KE  
 SCALE: 1" = 100'  
 DATE: 8/29/2024 9:19 PM  
 TIME:  
 DRAWING LOCATION: Z:\PROJECTS\005777\_GLENN\_HWY\_AIRPORT\_HTS\_TO\_PARKS\DWGS\C\SHEETS\00545\_H23-H72\_SSI.DWG

SHEET NO.	TOTAL SHEETS
H61	H100
STATE	YEAR
ALASKA	2024

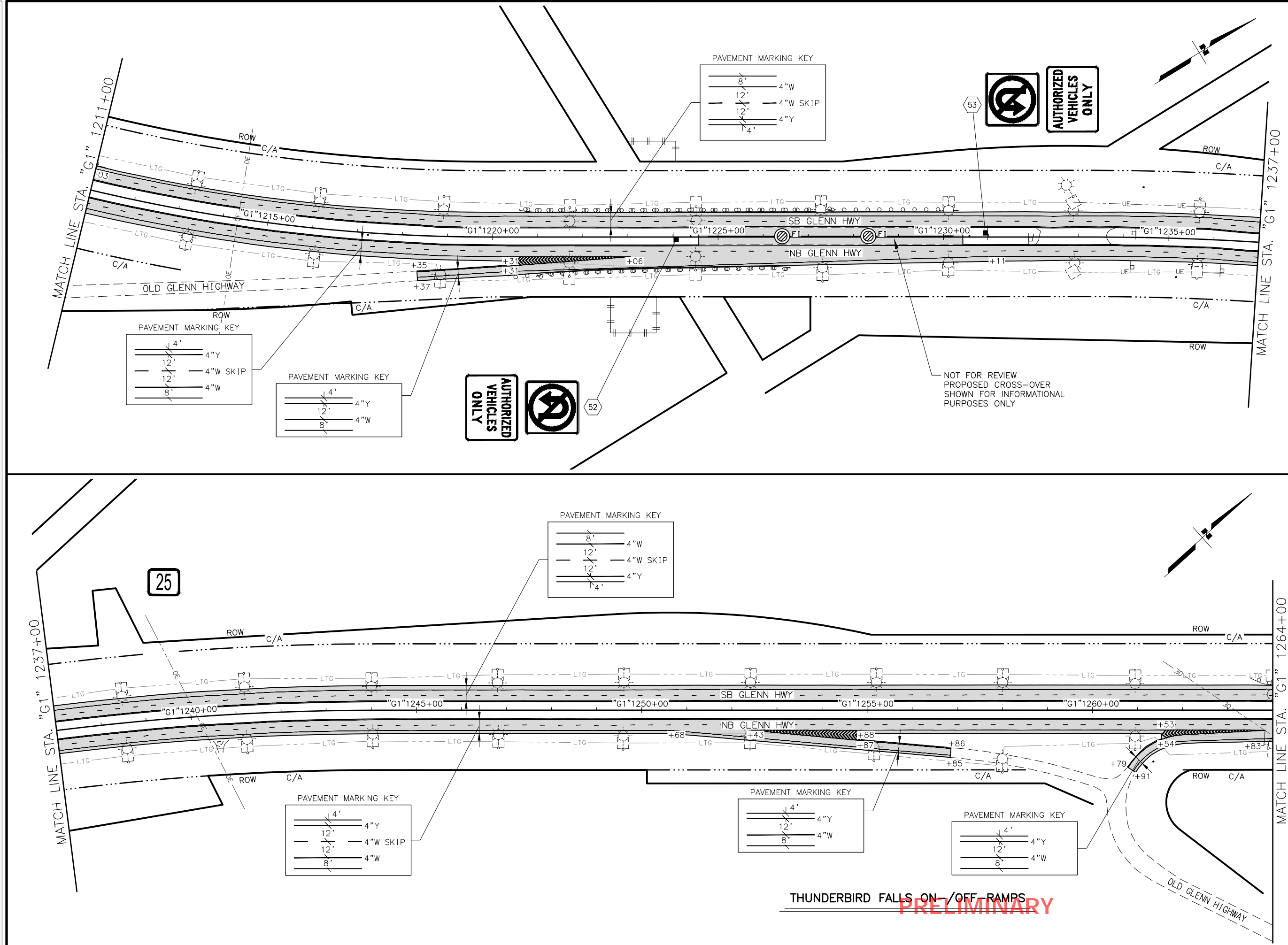
PROJECT DESIGNATION  
**0001656/  
 CFHWY00545**

NO.	REVISION



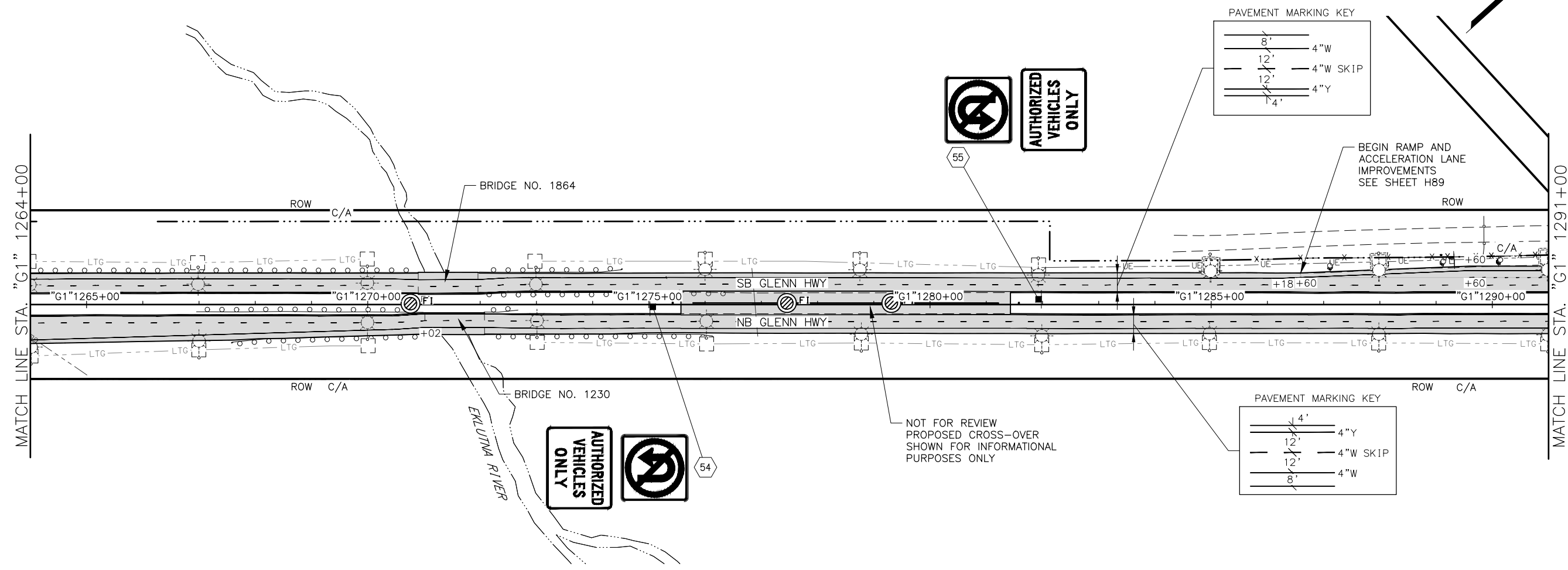
**PIH**  
 8/29/2024  
 PLANS DEVELOPED BY:  
 KINNEY ENGINEERING, LLC  
 3909 Arctic Blvd, Suite 400  
 ANCHORAGE, AK 99503  
 (907) 346-2373  
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION  
 SIGNING, STRIPING,  
 AND ILLUMINATION  
 STA. 1211+00 TO  
 STA. 1264+00**

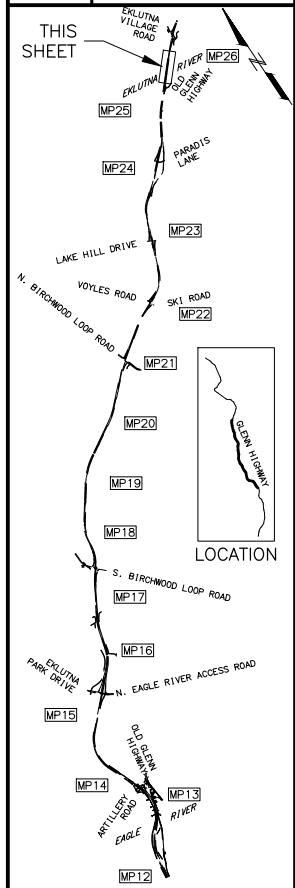




DRAWING LOCATION: Z:\PROJECTS\009777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00945\_H23-H72\_SSI.DWG  
 DATE: 8/29/2024 9:19 PM  
 TIME: 9:19 PM  
 SCALE: 1" = 100'  
 DESIGNED BY: KE  
 CHECKED BY: KE  
 DRAFTED BY: KE



SHEET NO.	TOTAL SHEETS
H62	H100
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



PIH

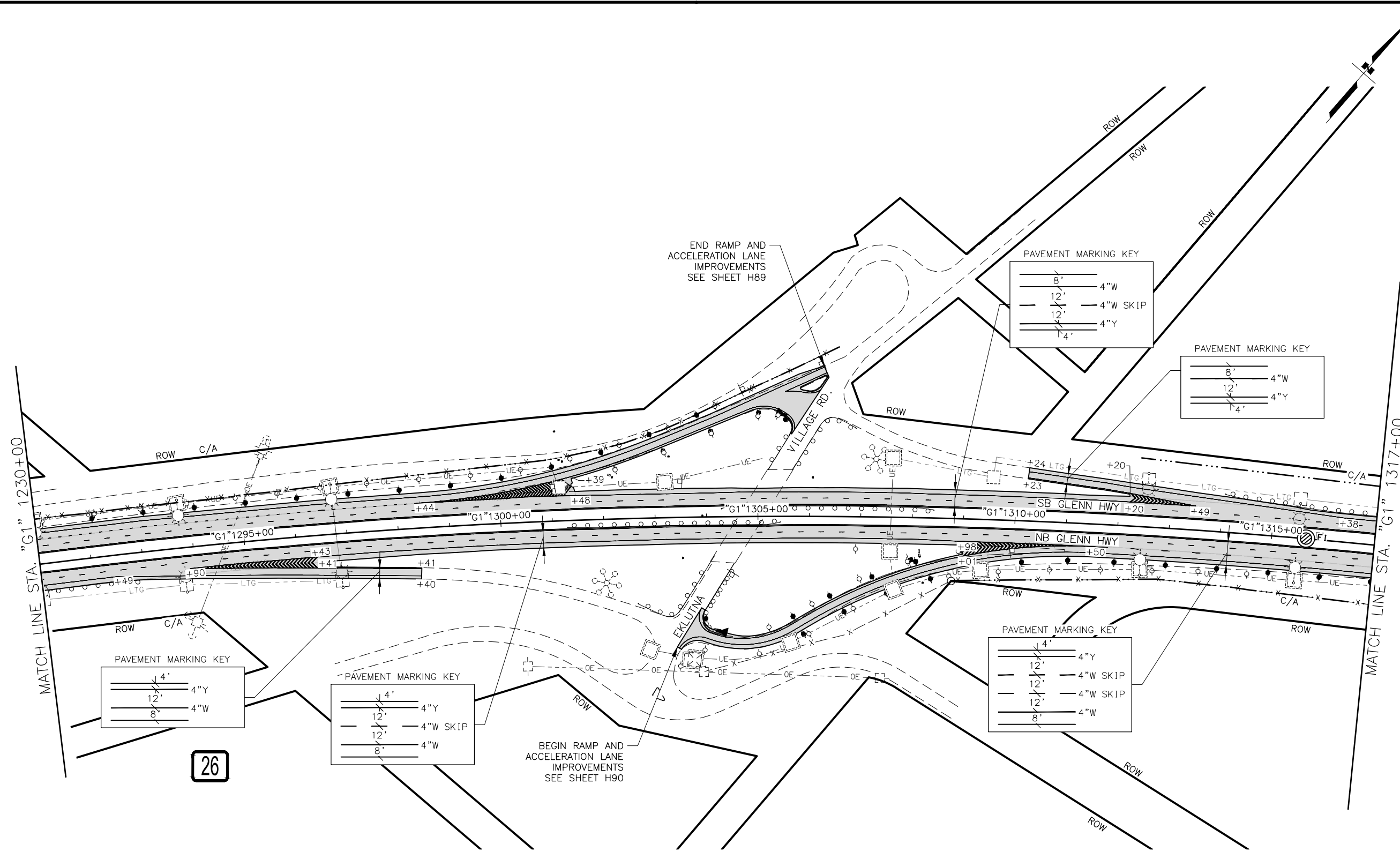
8/29/2024

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  
 SIGNING, STRIPING,  
 AND ILLUMINATION  
 STA. 1264+00 TO  
 STA. 1291+00

**PRELIMINARY**

DRAWING LOCATION: Z:\PROJECTS\00577 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00545\_H23-H72\_SSI.DWG  
 DATE: 8/29/2024 9:20 PM  
 SCALE: 1" = 100'  
 DESIGNED BY: KE  
 CHECKED BY: KE  
 DRAFTED BY: KE



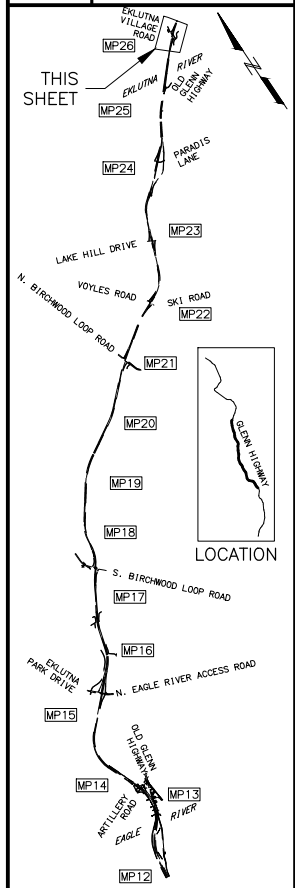
**EKLUTNA VILLAGE ROAD INTERCHANGE**

**PRELIMINARY**

SHEET NO.	TOTAL SHEETS
H63	H100
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION  
**0001656/  
 CFHWY00545**

NO.	REVISION



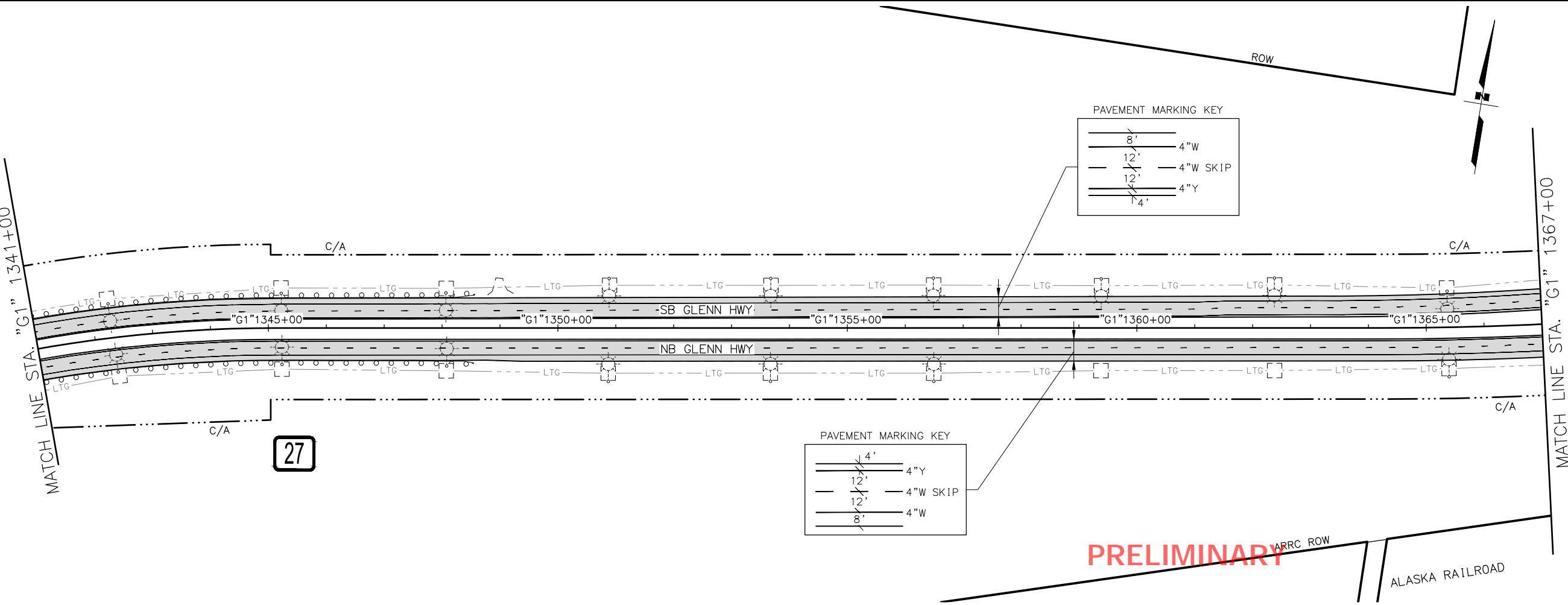
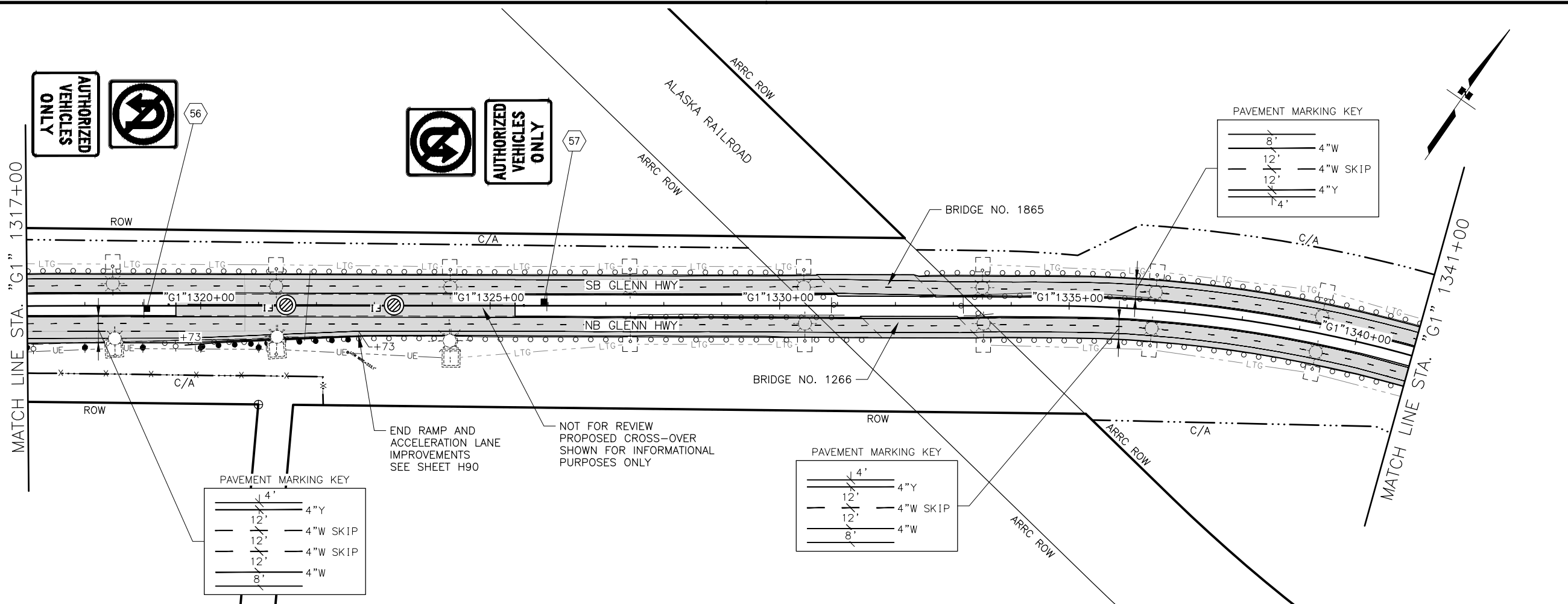
**PIH**

**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  
 SIGNING, STRIPING,  
 AND ILLUMINATION  
 STA. 1291+00 TO  
 STA. 1317+00**

DRAWING LOCATION: Z:\PROJECTS\009777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00945\_H23-H72\_SSI.DWG  
 DATE: 8/29/2024 9:20 PM  
 SCALE: 1" = 100'  
 DESIGNED BY: KE  
 CHECKED BY: KE  
 DRAFTED BY: KE



PAVEMENT MARKING KEY

8'	4"W
12'	4"W SKIP
12'	4"W
4'	4"Y

PAVEMENT MARKING KEY

4'	4"Y
12'	4"W SKIP
12'	4"W SKIP
12'	4"W
8'	4"W

PAVEMENT MARKING KEY

4'	4"Y
12'	4"W SKIP
12'	4"W
8'	4"W

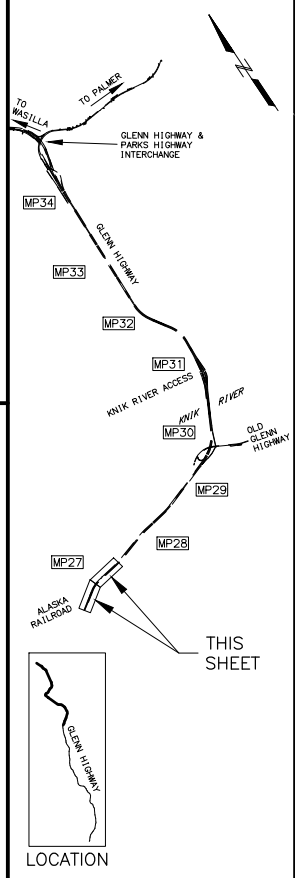
PAVEMENT MARKING KEY

8'	4"W
12'	4"W SKIP
12'	4"Y
4'	4"Y

PAVEMENT MARKING KEY

4'	4"Y
12'	4"W SKIP
12'	4"W
8'	4"W

SHEET NO.	TOTAL SHEETS
H64	H100
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

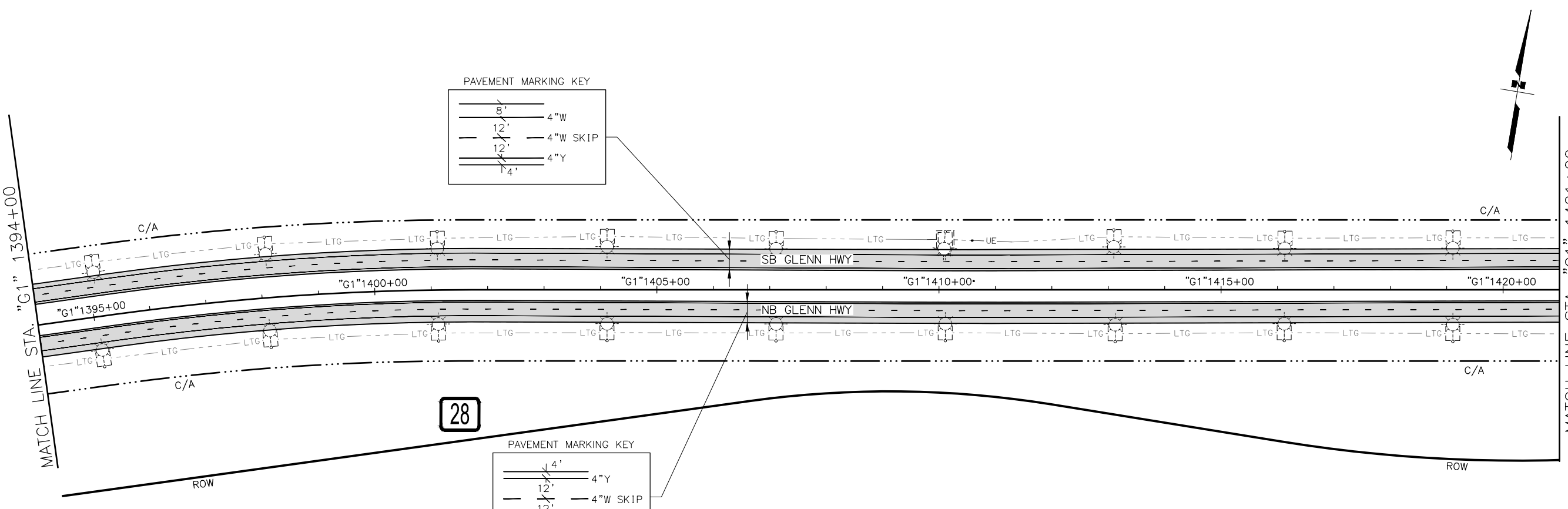
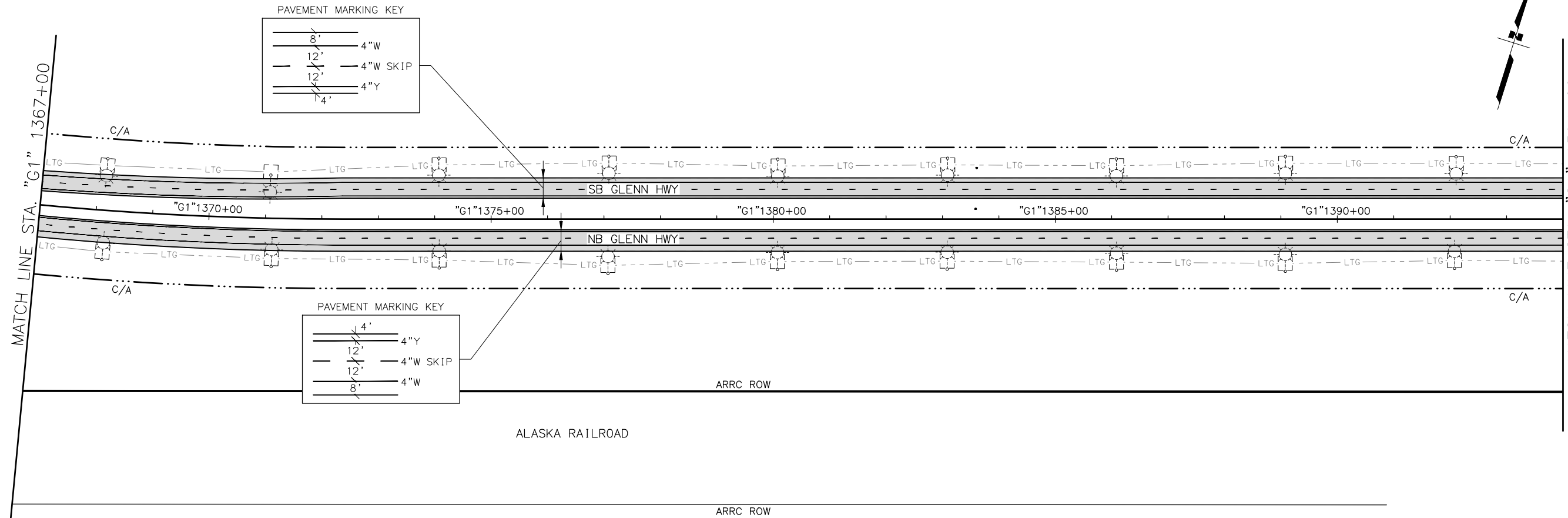


**PIH**  
 8/29/2024

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  
 SIGNING, STRIPING,  
 AND ILLUMINATION  
 STA. 1317+00 TO  
 STA. 1367+00

DRAWING LOCATION: Z:\PROJECTS\00577 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00545\_H23-H72\_SSI.DWG  
 DATE: 8/29/2024 9:21 PM  
 SCALE: 1" = 100'  
 DESIGNED BY: KE  
 CHECKED BY: KE  
 DRAFTED BY: KE

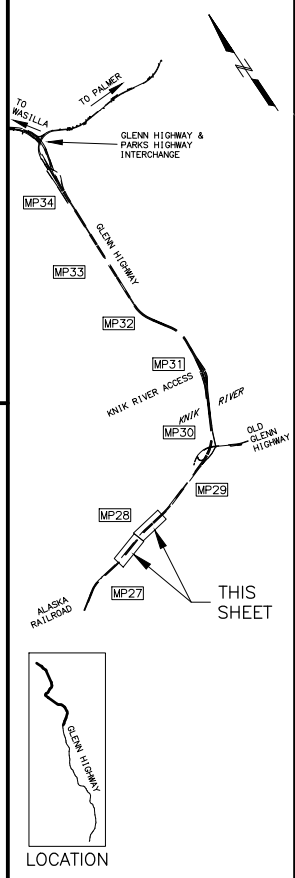


PRELIMINARY

SHEET NO.	TOTAL SHEETS
H65	H100
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION  
**0001656/  
 CFHWY00545**

NO.	REVISION



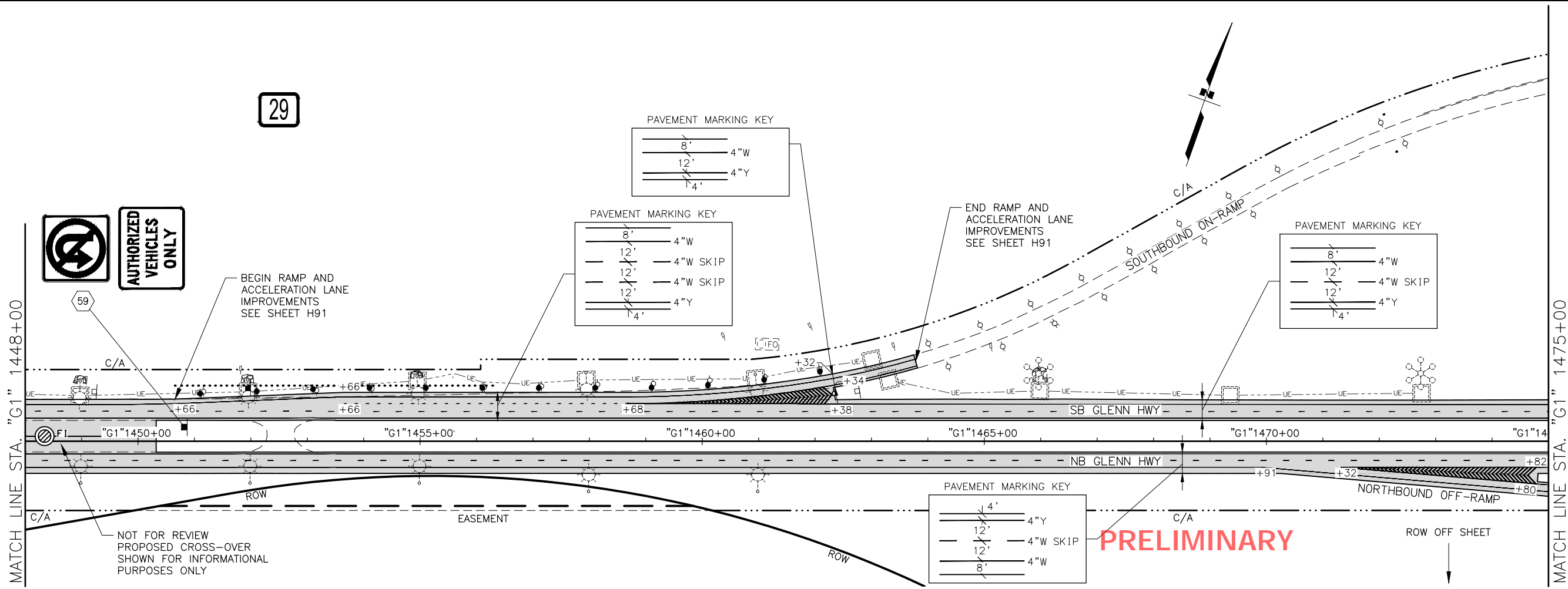
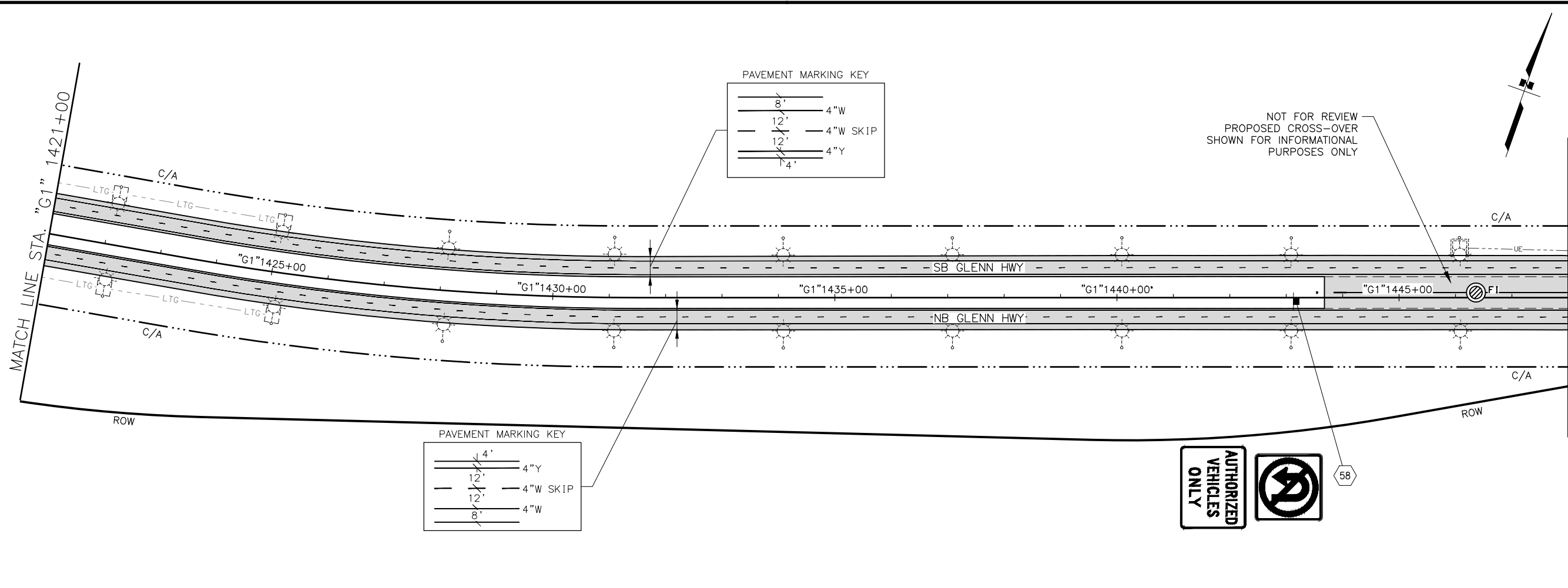
**PIH**  
 8/29/2024

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

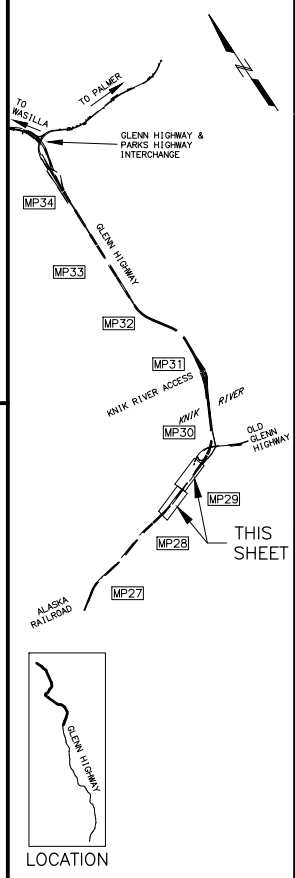
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION  
 SIGNING, STRIPING,  
 AND ILLUMINATION  
 STA. 1367+00 TO  
 STA. 1421+00**



DRAWING LOCATION: Z:\PROJECTS\009777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00945\_H23-H72\_SSI.DWG  
 DESIGNED BY: KE  
 CHECKED BY: KE  
 DRAFTED BY: KE  
 SCALE: 1" = 100'  
 TIME: 8/29/2024 9:22 PM



SHEET NO.	TOTAL SHEETS
H66	H100
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
NO.	REVISION
NO.	REVISION

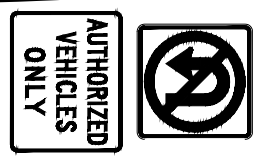


**PIH**  
 8/29/2024

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  
 SIGNING, STRIPING,  
 AND ILLUMINATION  
 STA. 1421+00 TO  
 STA. 1475+00**

NOT FOR REVIEW  
 PROPOSED CROSS-OVER  
 SHOWN FOR INFORMATIONAL  
 PURPOSES ONLY



PRELIMINARY

DESIGNED BY: KE  
 CHECKED BY: KE  
 DRAFTED BY: KE

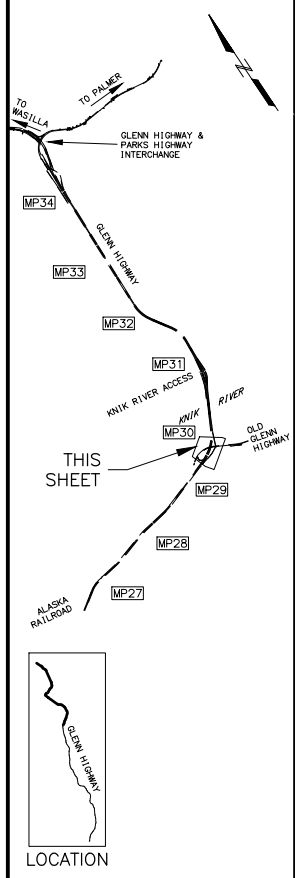
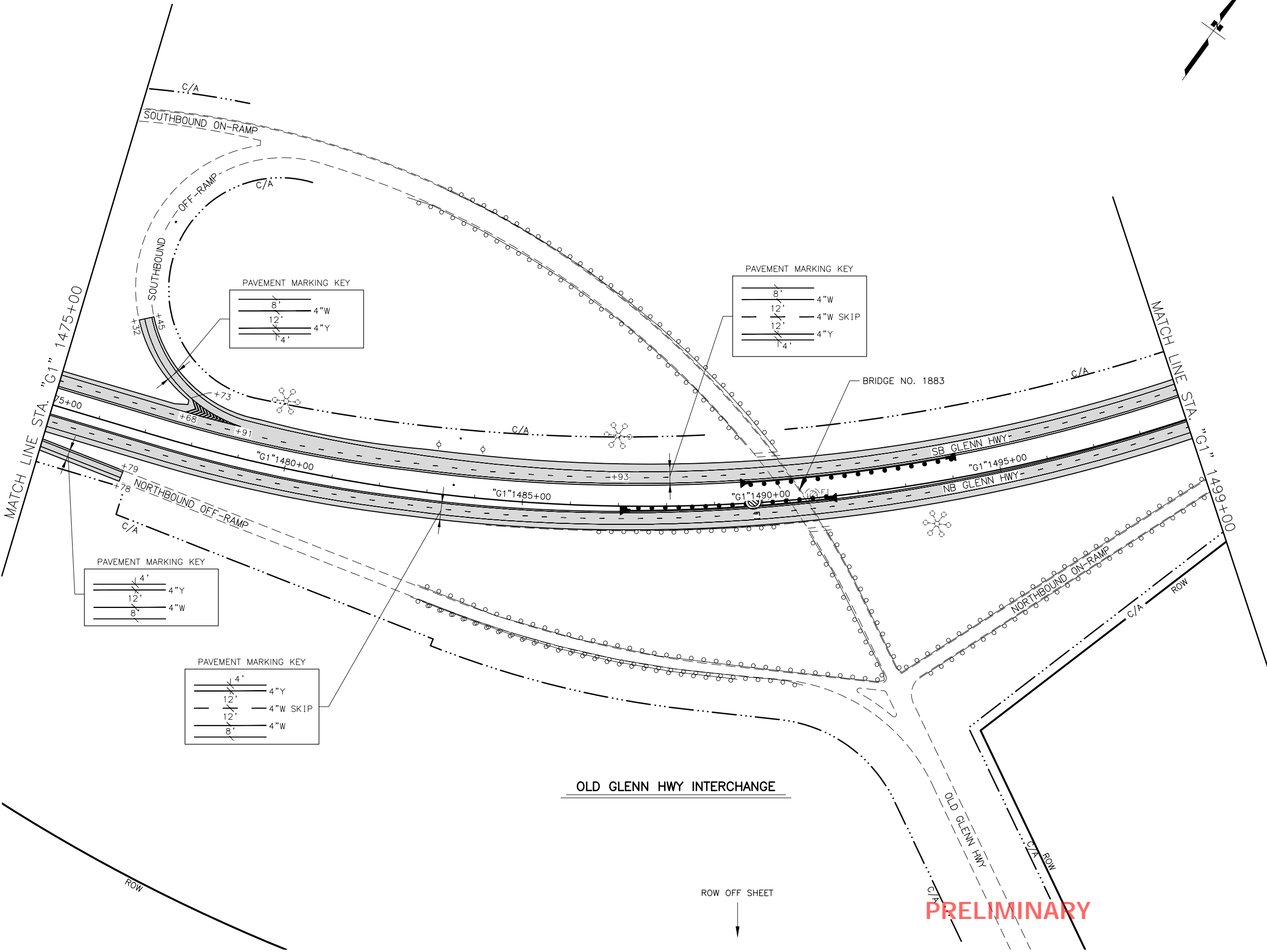
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DATE: 8/29/2024 9:22 PM

TIME: 9:22 PM

DRAWING LOCATION: Z:\PROJECTS\009777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00945\_H23-H72\_SSI.DWG

SHEET NO.	TOTAL SHEETS
H67	H100
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



**OLD GLENN HWY INTERCHANGE**

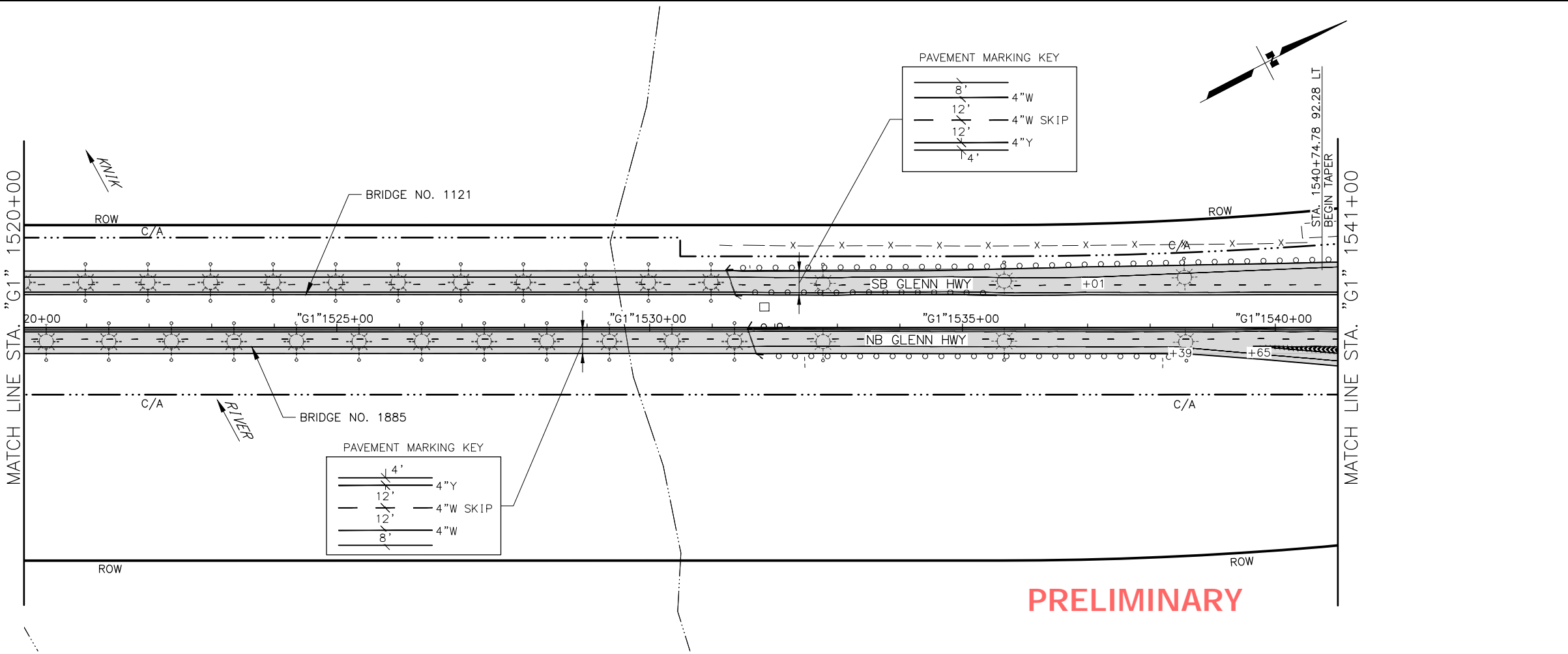
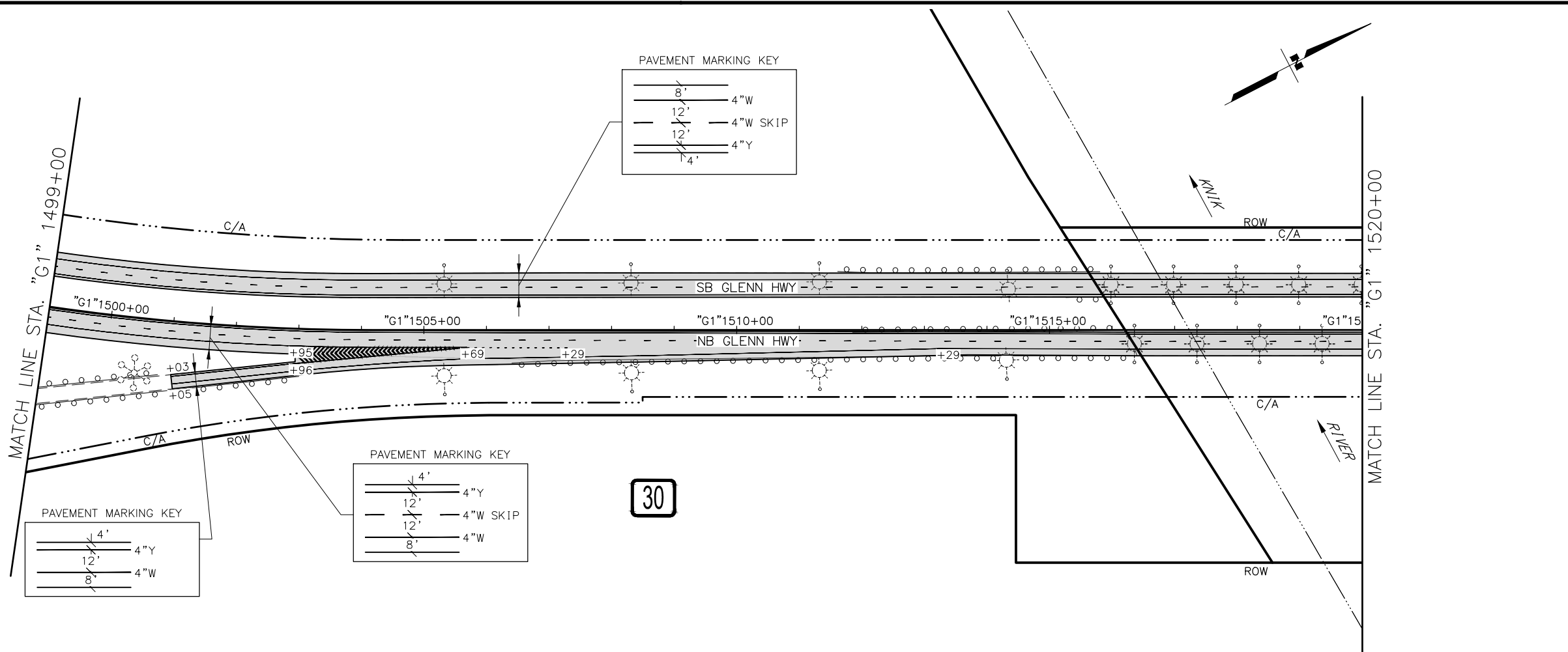
**PRELIMINARY**

**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  
 SIGNING, STRIPING,  
 AND ILLUMINATION  
 STA. 1475+00 TO  
 STA. 1499+00**

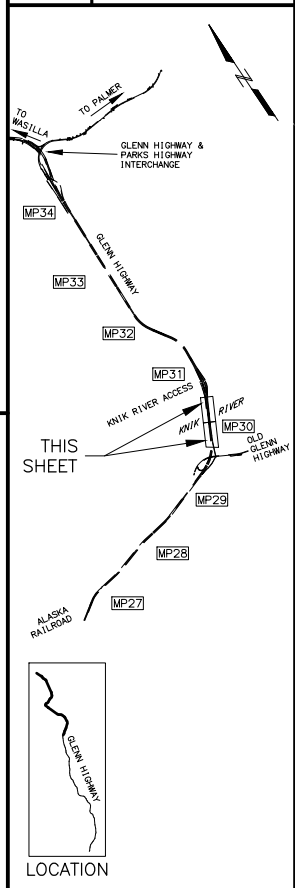
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 DATE: 8/29/2024 9:23 PM  
 SCALE: 1" = 100'  
 DESIGNED BY: KE  
 CHECKED BY: KE  
 DRAFTED BY: KE



SHEET NO.	TOTAL SHEETS
H68	H100
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

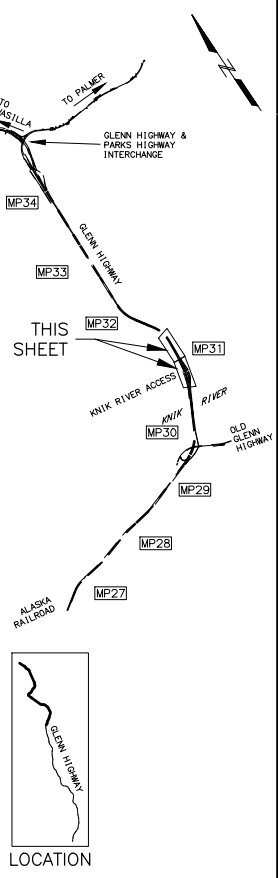
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION  
 SIGNING, STRIPING,  
 AND ILLUMINATION  
 STA. 1499+00 TO  
 STA. 1541+00

DRAWING LOCATION: Z:\PROJECTS\00977 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00945\_H23-H72\_SSI.DWG  
 DATE: 8/29/2024 9:23 PM  
 SCALE: 1" = 100'  
 DESIGNED BY: KE  
 CHECKED BY: KE  
 DRAFTED BY: KE

SHEET NO.	TOTAL SHEETS
H69	H100
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION  
**0001656/  
 CFHWY00545**

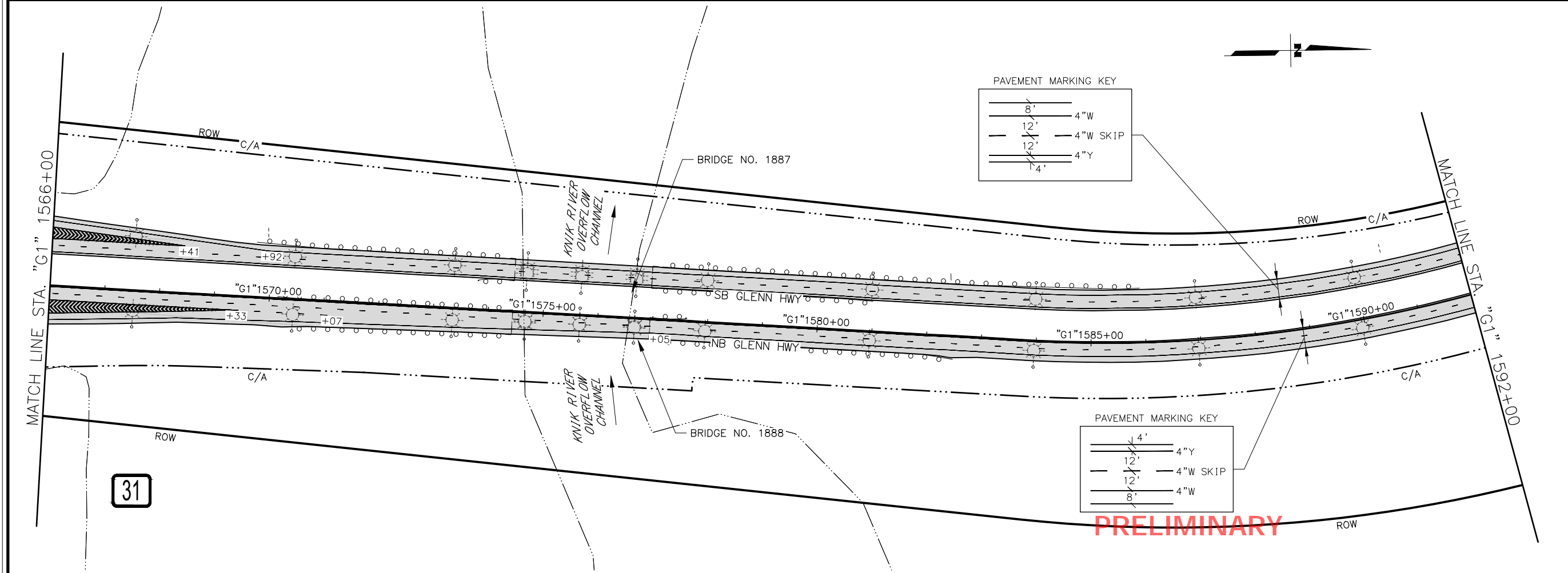
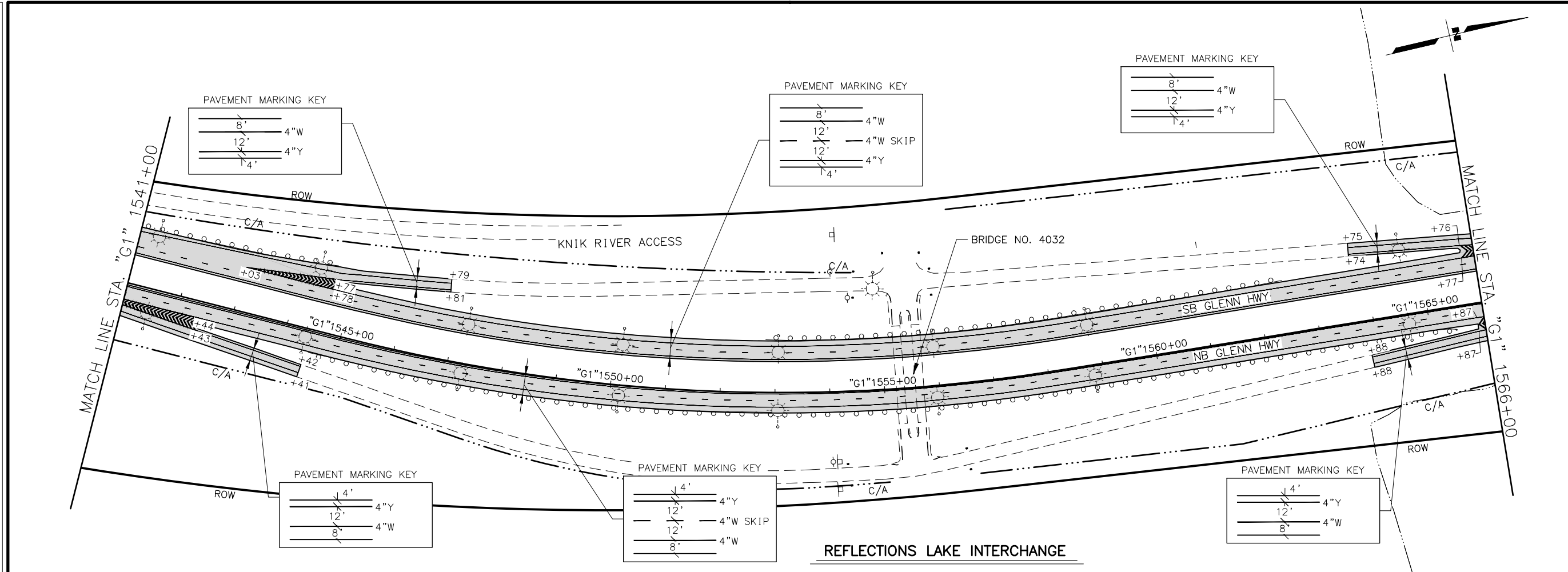
NO.	REVISION



**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

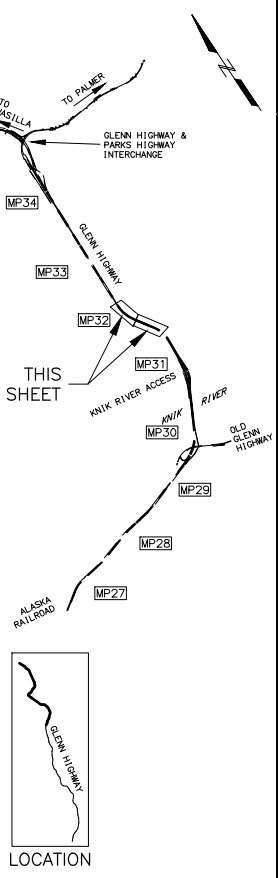
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION  
 SIGNING, STRIPING,  
 AND ILLUMINATION  
 STA. 1541+00 TO  
 STA. 1592+00**






DRAWING LOCATION  
 Z:\PROJECTS\009777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00945\_H23-H72\_SSI.DWG  
 DATE 8/29/2024 9:24 PM  
 SCALE 1" = 100'  
 DESIGNED BY KE  
 CHECKED BY KE  
 DRAFTED BY KE

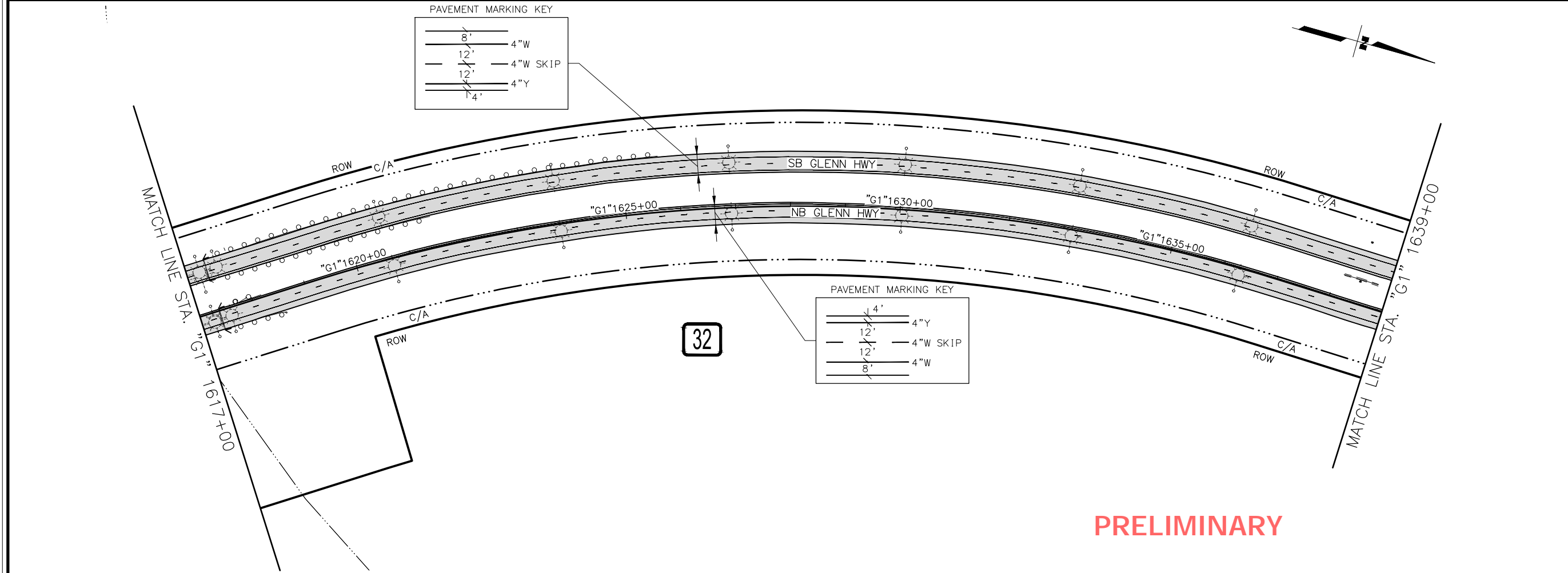
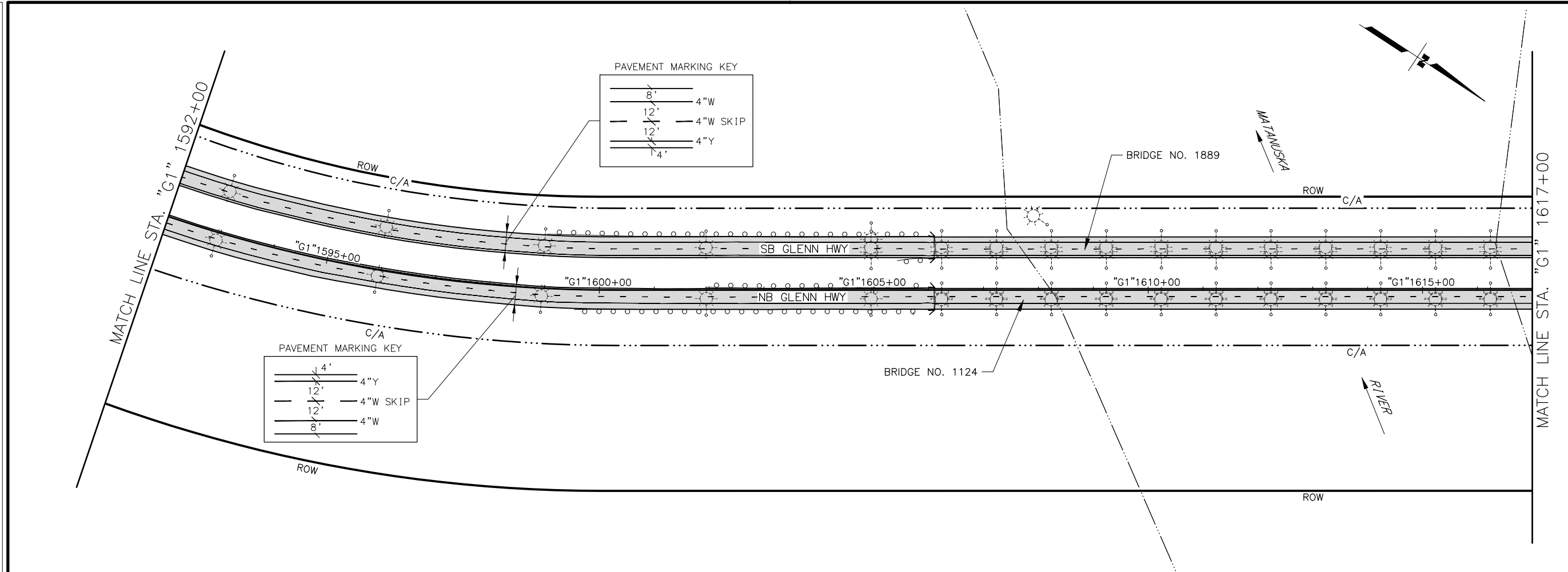
SHEET NO.	TOTAL SHEETS
H70	H100
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



  
 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  
 SIGNING, STRIPING,  
 AND ILLUMINATION  
 STA. 1592+00 TO  
 STA. 1639+00



PRELIMINARY

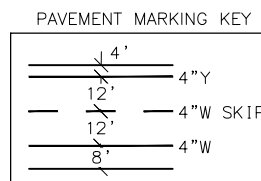
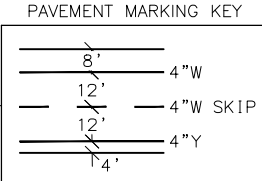
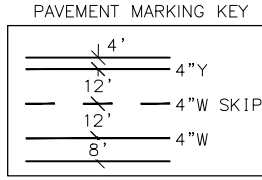
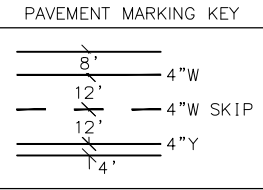
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 DATE: 8/29/2024 9:24 PM  
 SCALE: 1" = 100'  
 DESIGNED BY: KE  
 CHECKED BY: KE  
 DRAFTED BY: KE

MATCH LINE STA. "G1" 1639+00

MATCH LINE STA. "G1" 1666+00

MATCH LINE STA. "G1" 1666+00

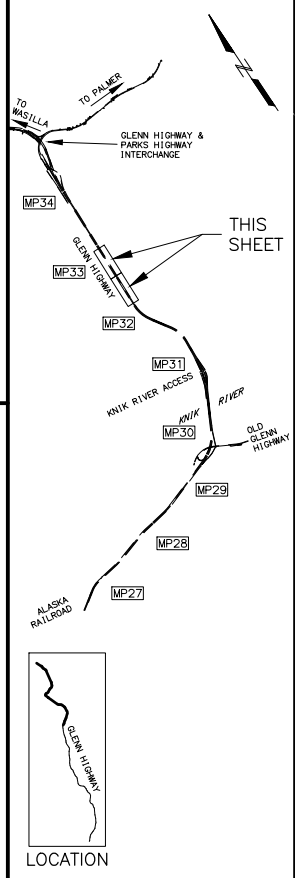
MATCH LINE STA. "G1" 1693+00



33

**PRELIMINARY**

SHEET NO.	TOTAL SHEETS
H71	H100
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



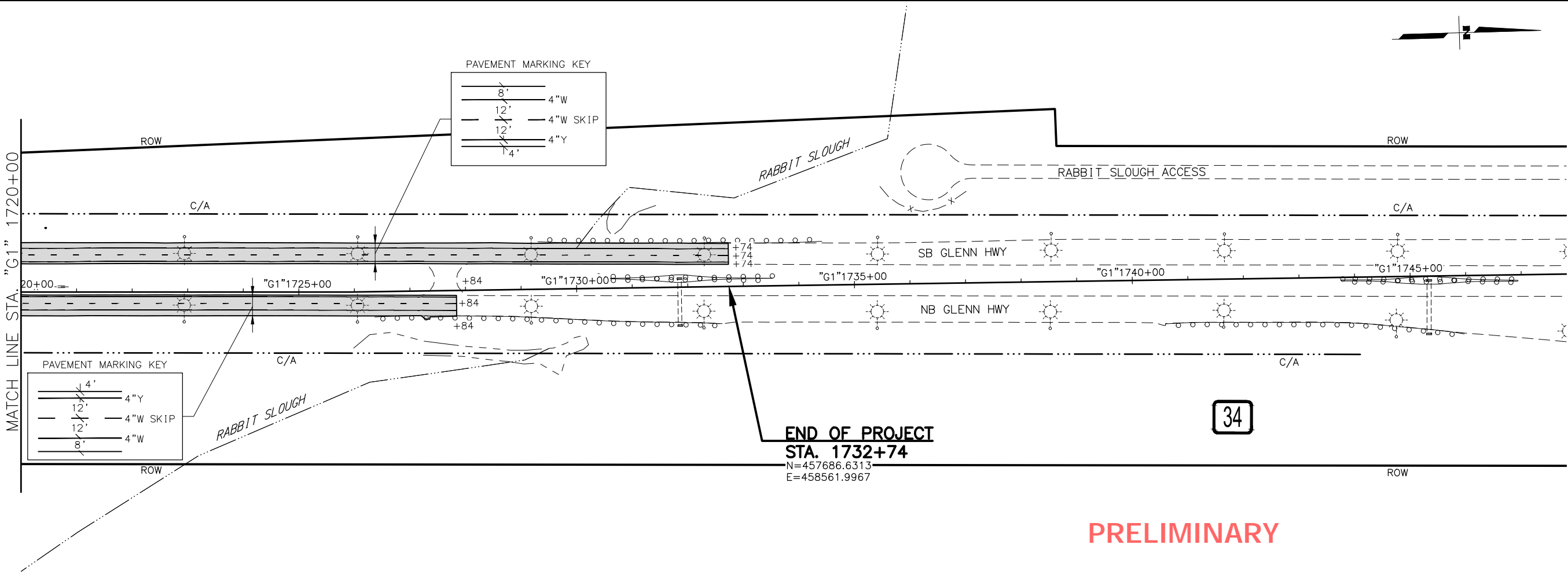
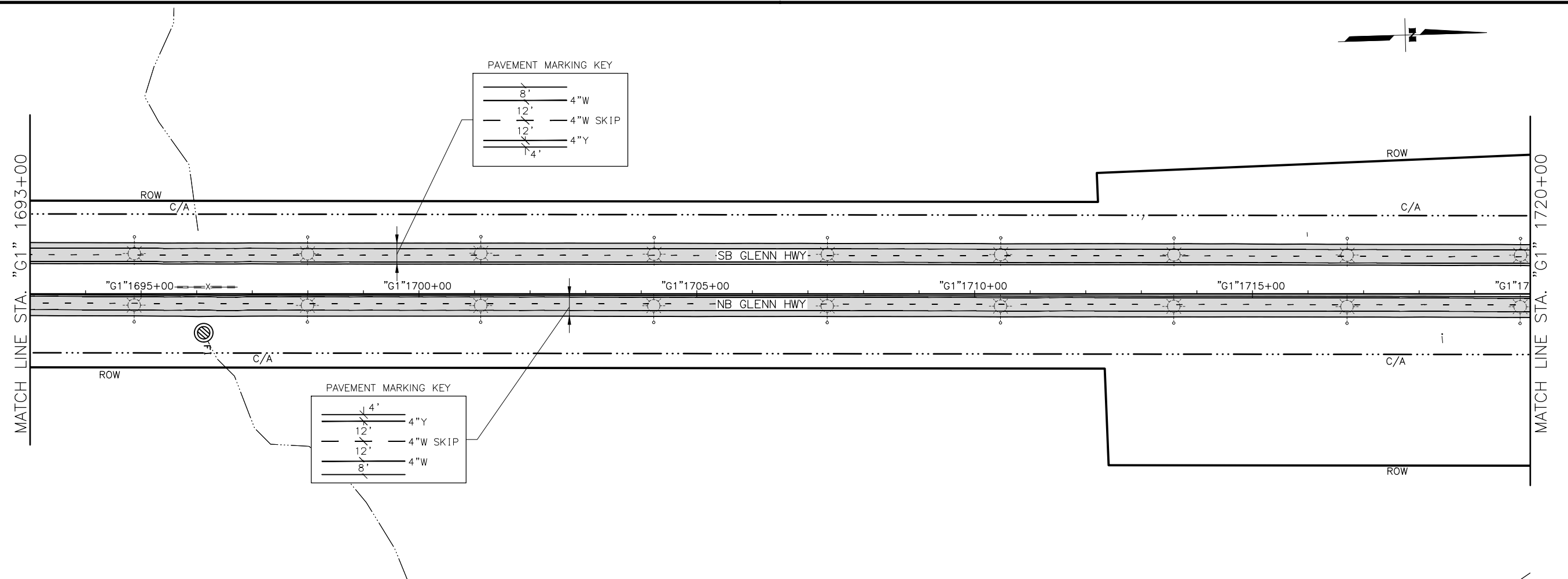
PIH

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

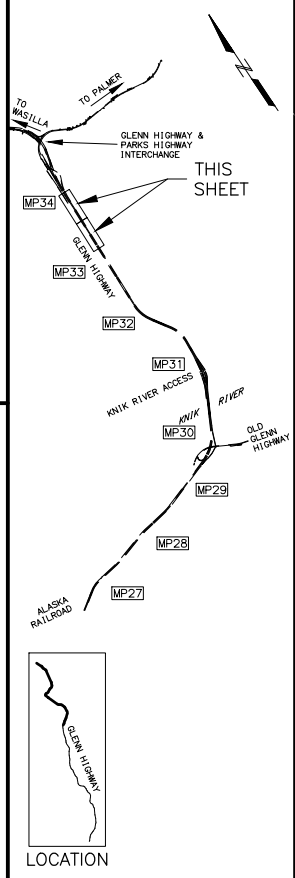
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION  
 SIGNING, STRIPING,  
 AND ILLUMINATION**  
 STA. 1639+00 TO  
 STA. 1693+00

DRAWING LOCATION: Z:\PROJECTS\005777\_GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00545\_H23-H72\_SSI.DWG  
 DATE: 8/29/2024 9:25 PM  
 SCALE: 1" = 100'  
 DESIGNED BY: KE  
 CHECKED BY: KE  
 DRAFTED BY: KE



PRELIMINARY

SHEET NO. <b>H72</b>	TOTAL SHEETS <b>H100</b>
STATE <b>ALASKA</b>	YEAR <b>2024</b>
PROJECT DESIGNATION <b>0001656/ CFHWY00545</b>	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



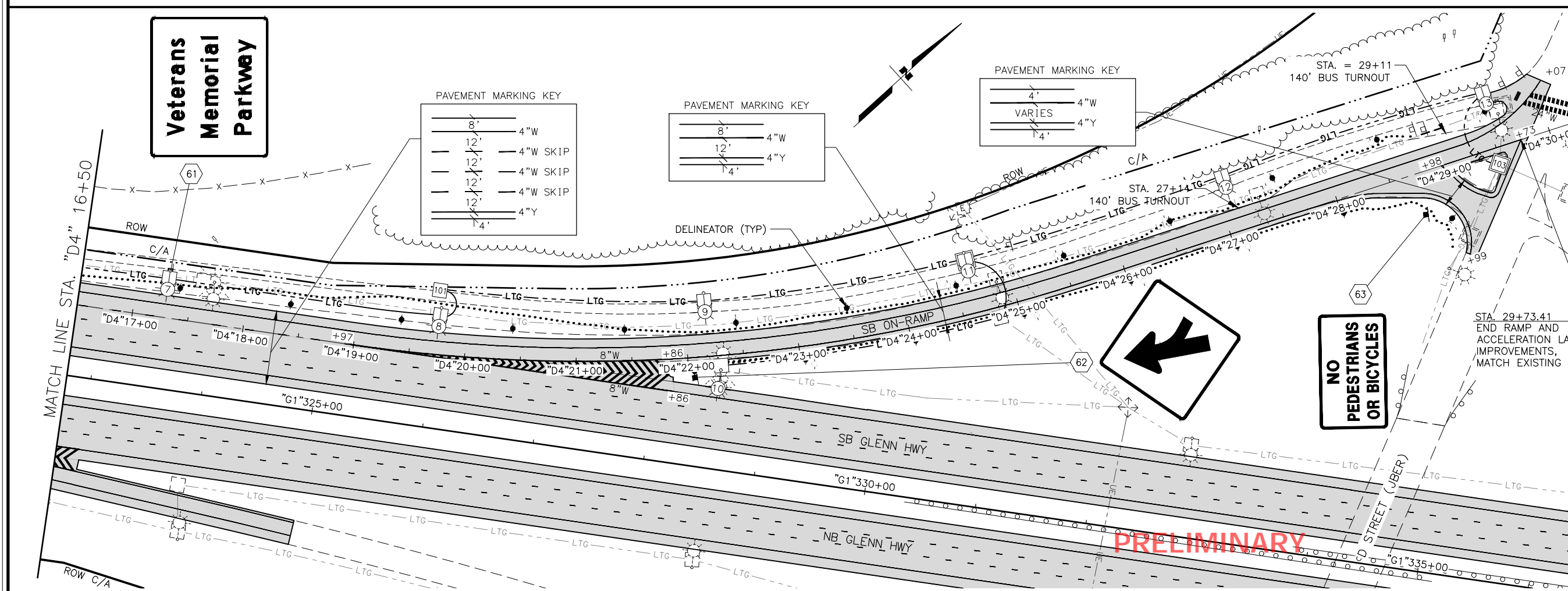
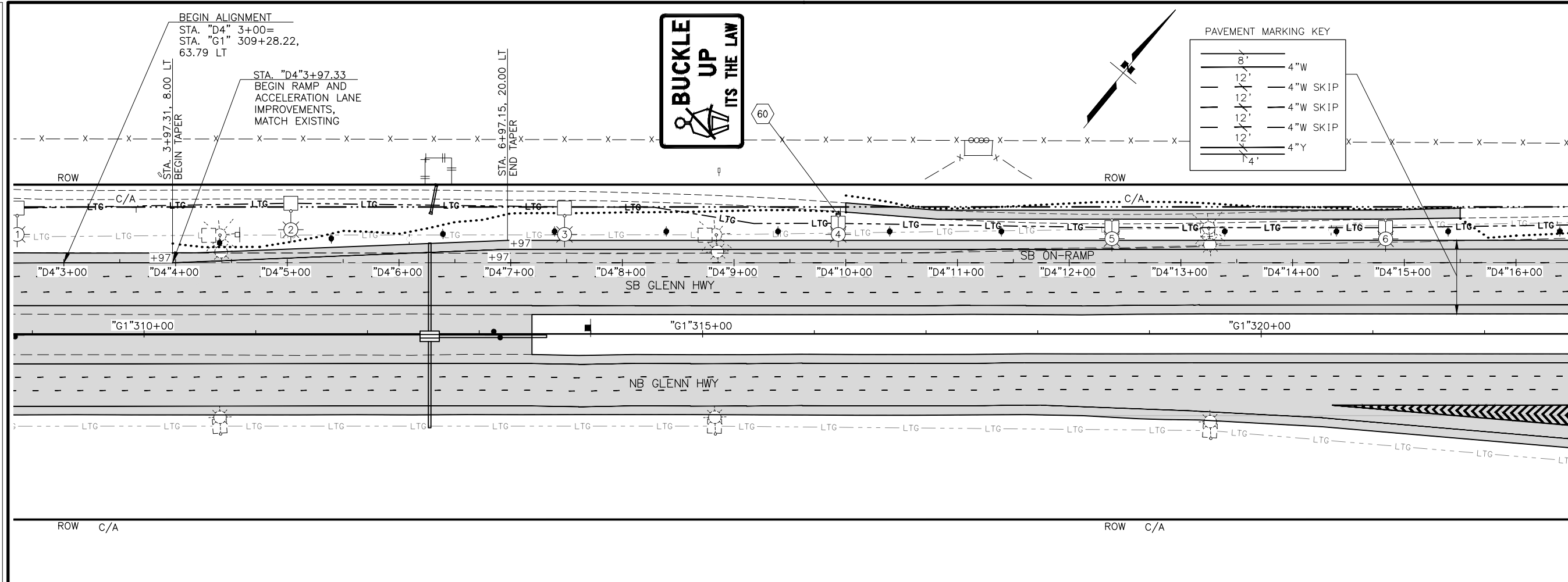
**PIH**

**8/29/2024**

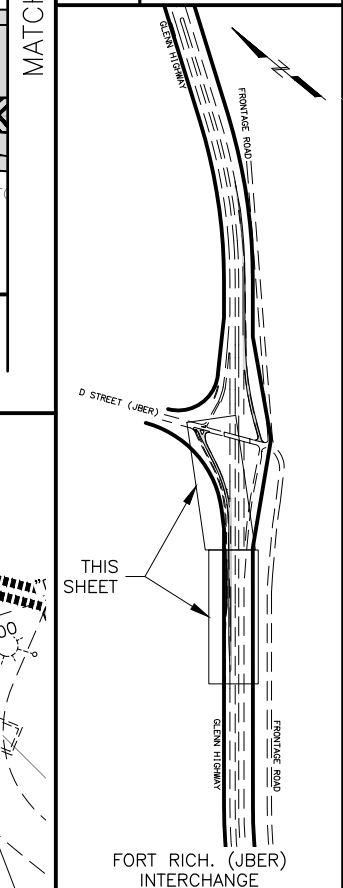
PLANS DEVELOPED BY:  
 KINNEY ENGINEERING, LLC  
 3909 Arctic Blvd, Suite 400  
 ANCHORAGE, AK 99503  
 (907) 346-2373  
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION  
 SIGNING, STRIPING,  
 AND ILLUMINATION  
 STA. 1693+00 TO  
 EOP**

DESIGNED BY: [ ] CHECKED BY: [ ] DRAFTED BY: [ ]  
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SHEET NO.	TOTAL SHEETS
H73	H100
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
NO.	REVISION
NO.	REVISION

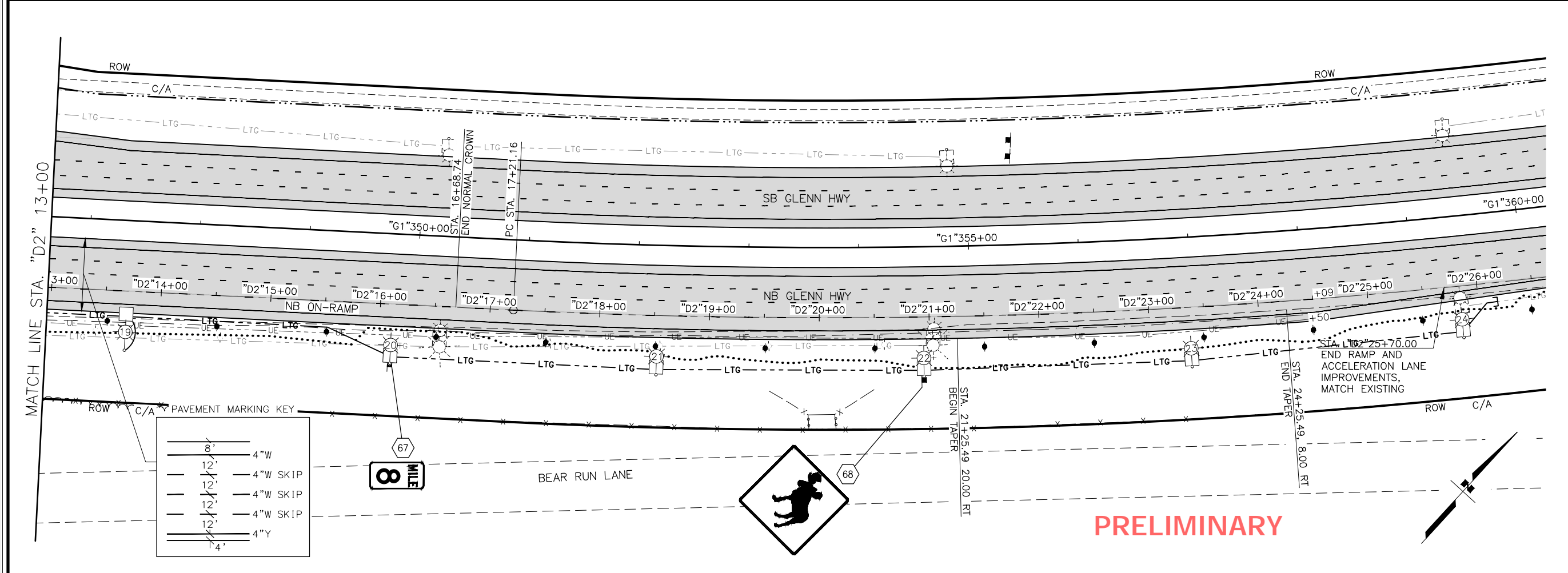
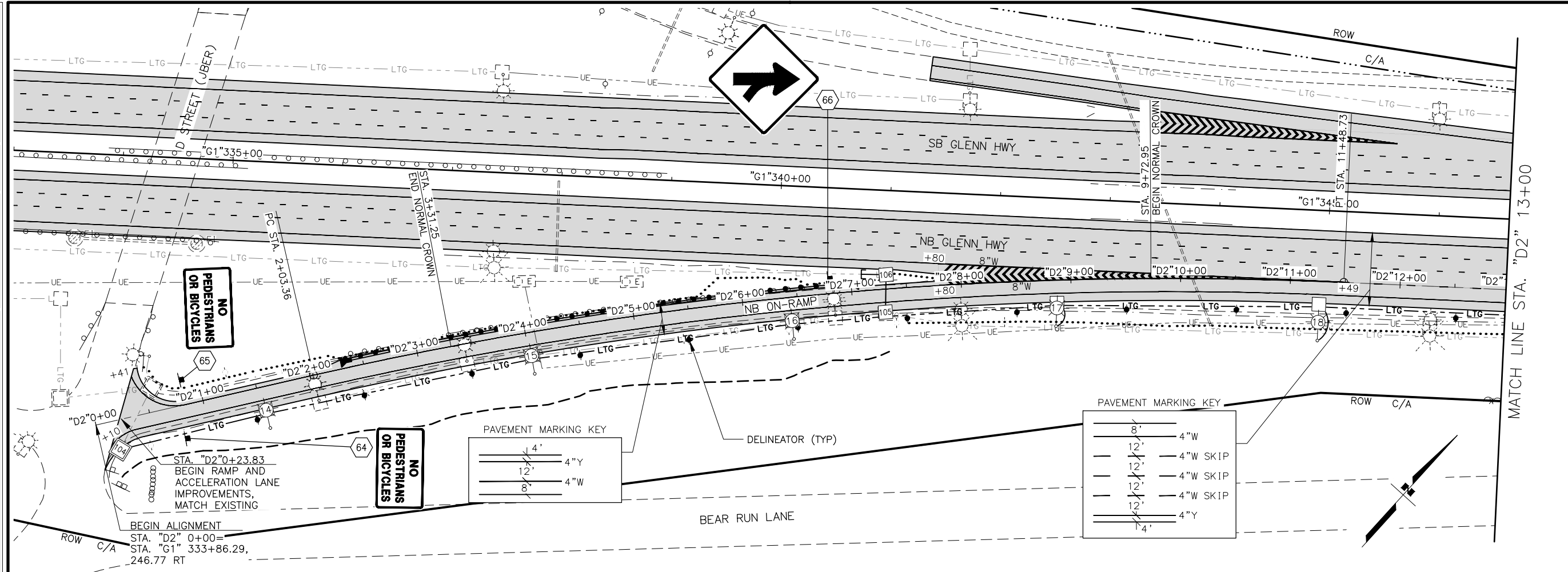


PIH  
 8/29/2024  
 PLANS DEVELOPED BY:  
 KINNEY ENGINEERING, LLC  
 3909 Arctic Blvd, Suite 400  
 ANCHORAGE, AK 99503  
 (907) 346-2373  
 CERT. OF AUTH. NO. AECL 1102  
 STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION  
 D STREET (JBER)  
 SB ON-RAMP  
 SIGNING, STRIPING,  
 AND ILLUMINATION

**PRELIMINARY**



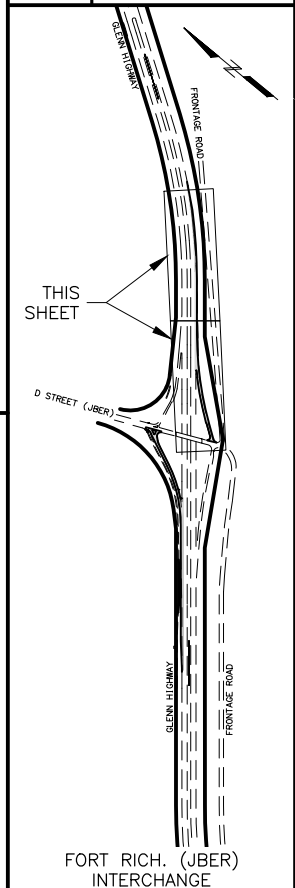
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SHEET NO.	TOTAL SHEETS
H74	F84
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION  
**0001656/  
 CFHWY00545**

NO.	REVISION



FORT RICH. (JBER) INTERCHANGE

**PIH**

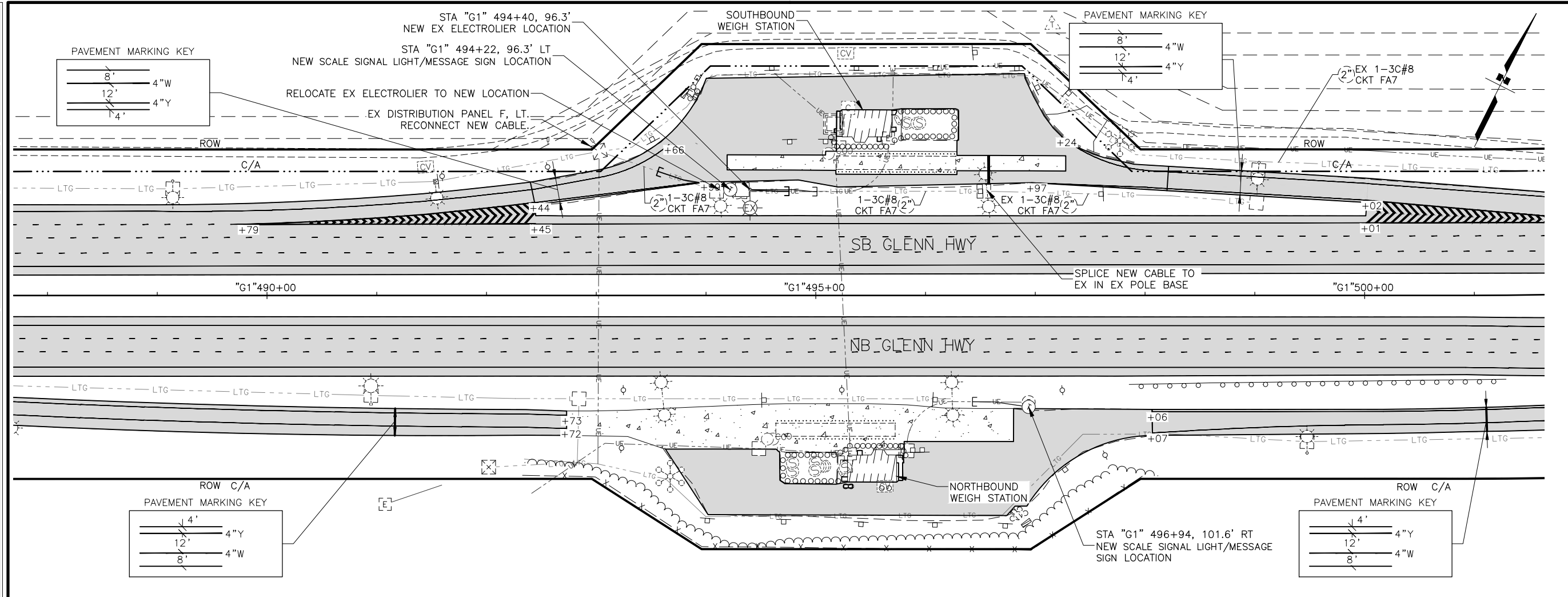
8/29/2024

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 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**  
**D STREET (JBER)  
 NB ON-RAMP  
 SIGNING, STRIPING,  
 AND ILLUMINATION**

**PRELIMINARY**

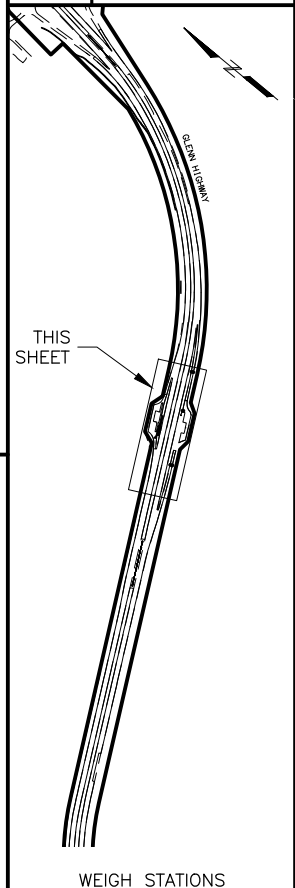
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SHEET NO.	TOTAL SHEETS
H75	H100
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION  
**0001656/CFHWY00545**

NO.	REVISION



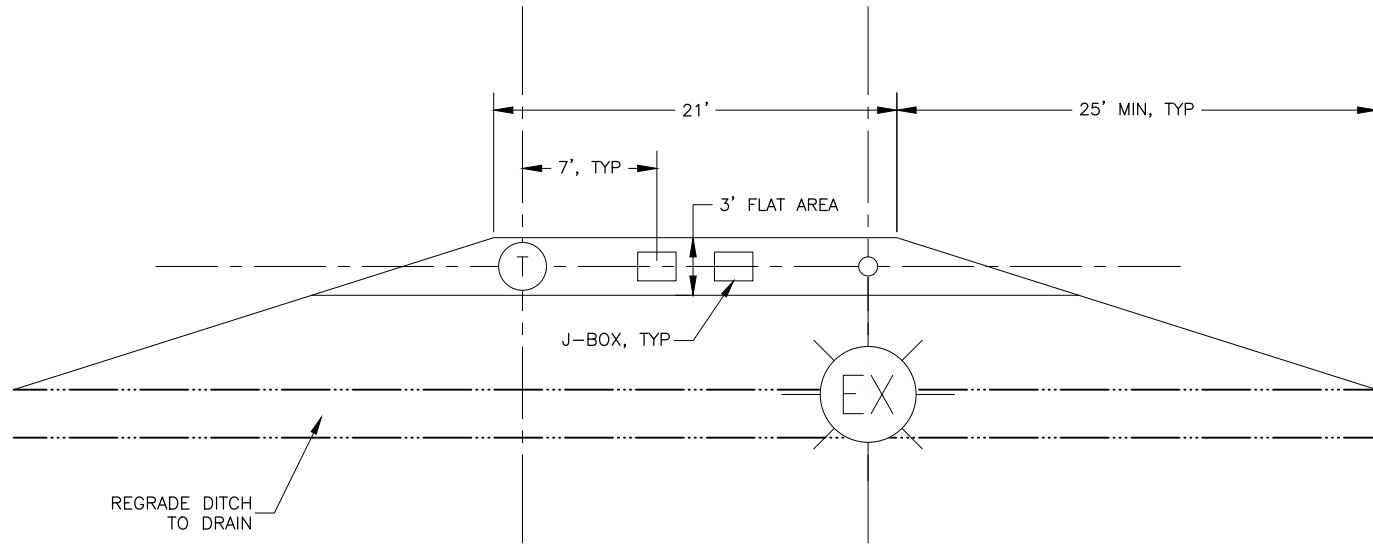
PIH  
 8/29/2024

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 ANCHORAGE, AK 99503  
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STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION  
**GLENN HWY WEIGH  
 STATIONS SIGNING,  
 STRIPING, AND  
 ILLUMINATION**

**NOTES:**

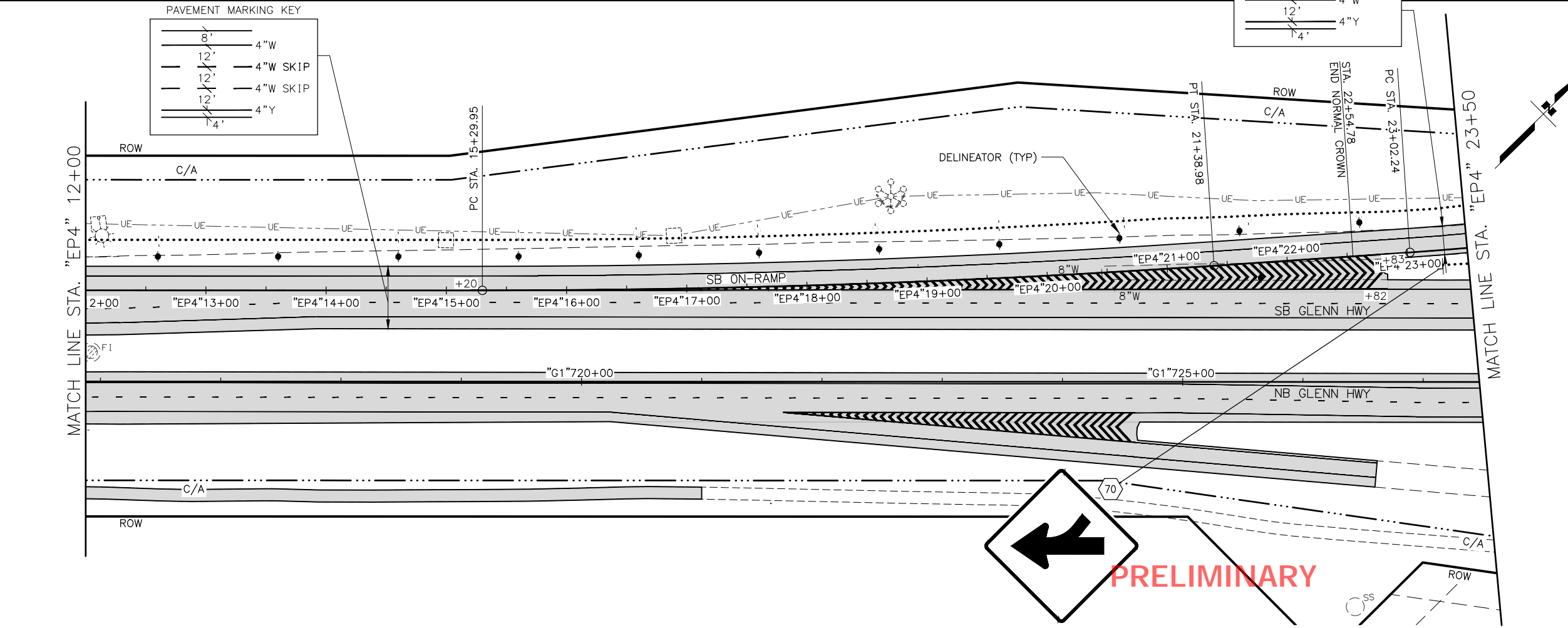
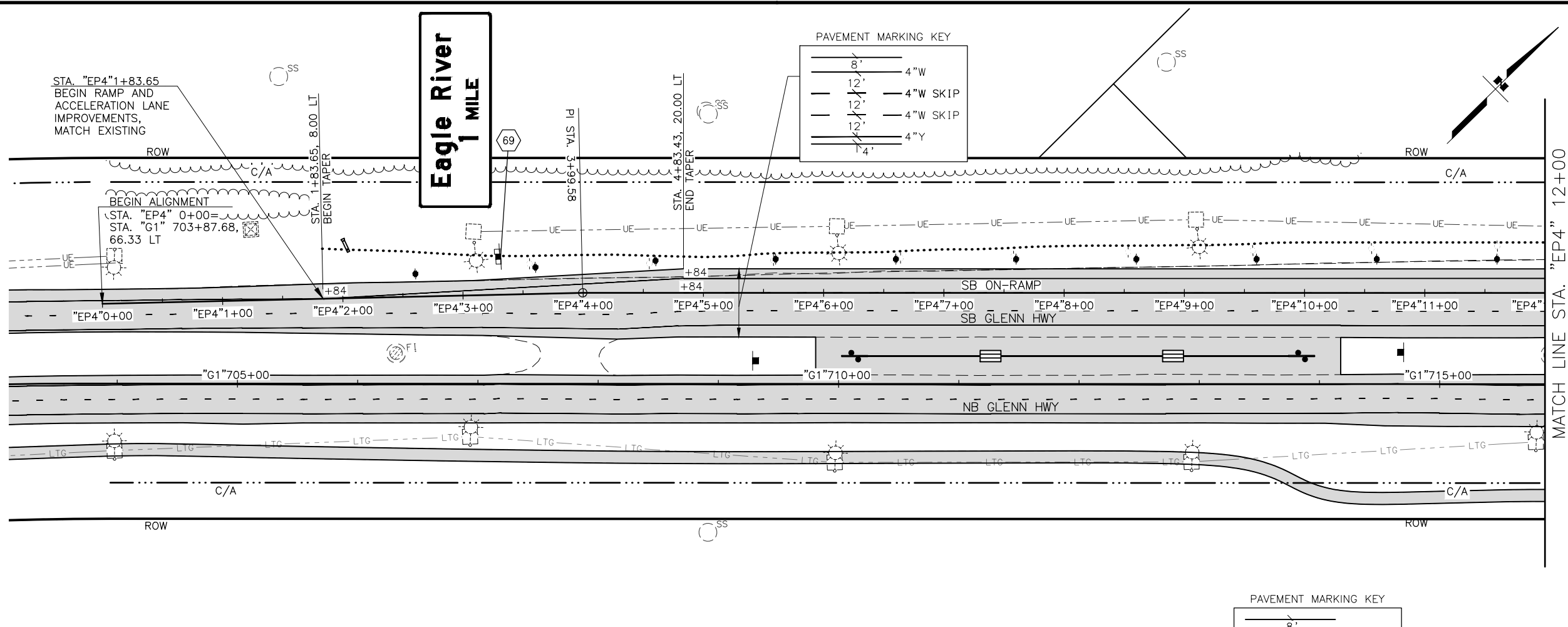
- ELECTRICAL MODIFICATIONS AT BOTH NB AND SB WEIGH STATIONS TO RELOCATE EXISTING SCALE SIGNAL LIGHT/MESSAGE SIGN ASSEMBLIES.  
 INCLUDES THE FOLLOWING:
  - SALVAGE EXISTING SCALE SIGNAL LIGHT/MESSAGE SIGN EQUIPMENT FROM POLE.
  - REINSTALL SALVAGED EQUIPMENT ON NEW BREAK AWAY POLE AND FOUNDATION. NEW POLE SHALL BE SIMILAR IN SIZE AS EXISTING TO MAINTAIN EXISTING SITE OPERATIONS. USE STD PLAN L-30.12 FOR CIDH FOUNDATION.
  - PROVIDE NEW 2" PVC CONDUIT AND CABLES THAT MATCH EXISTING TO RESTORE POWER AND CONTROLS.
- FOR SB WEIGH STATION PROVIDE 2-EA TYPE IA J-BOXES BETWEEN POLES APPROXIMATELY 7-FT FROM POLES.
- LIGHTING AND ELECTRICAL CIRCUITS ARE RUN IN SEPARATE RACEWAYS AND J-BOXES.
- PROVIDE NEW PILE FOUNDATION AT LOCATION SPECIFIED FOR RELOCATED ELECTROLIER PER SHEET H9.
- FOR SB WEIGH STATION, BREAK AWAY POLES SHALL BE INSTALLED IN FLAT AREA OF GRADED PAD AND SLOPES IN FRONT OF POLES SHALL BE 6:1 OR FLATTER. SLOPES BEHIND FLAT PAD 3:1 OR FLATTER.
- FOR NB WEIGH STATION BREAKAWAY SIGN SHALL BE INSTALLED IN GROUND 6:1 OR FLATTER.
- ALL REQ'D WORK AND MATERIALS TO RELOCATE EXISTING EQUIPMENT SHALL BE SUBSIDIARY TO 660.2016.0000 ELECTRICAL ILLUMINATION MODIFICATIONS PAY ITEM.



**PLAN VIEW DETAIL SB WEIGH STATION**  
NTS

**PRELIMINARY**

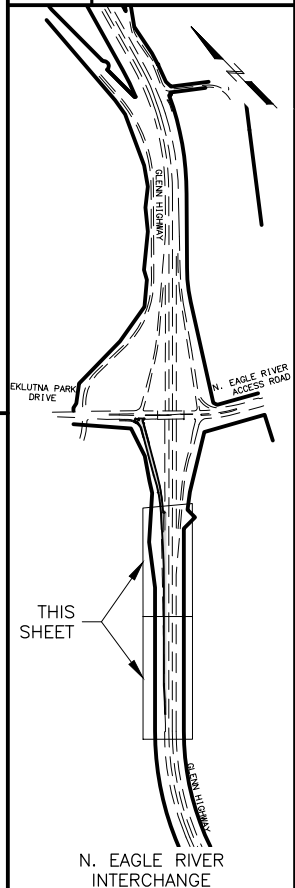
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SHEET NO.	TOTAL SHEETS
H76	H100
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION  
**0001656/CFHWY00545**

NO.	REVISION



**PIH**  
 8/29/2024

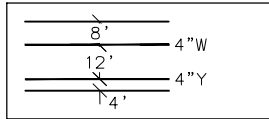
PLANS DEVELOPED BY:  
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STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES

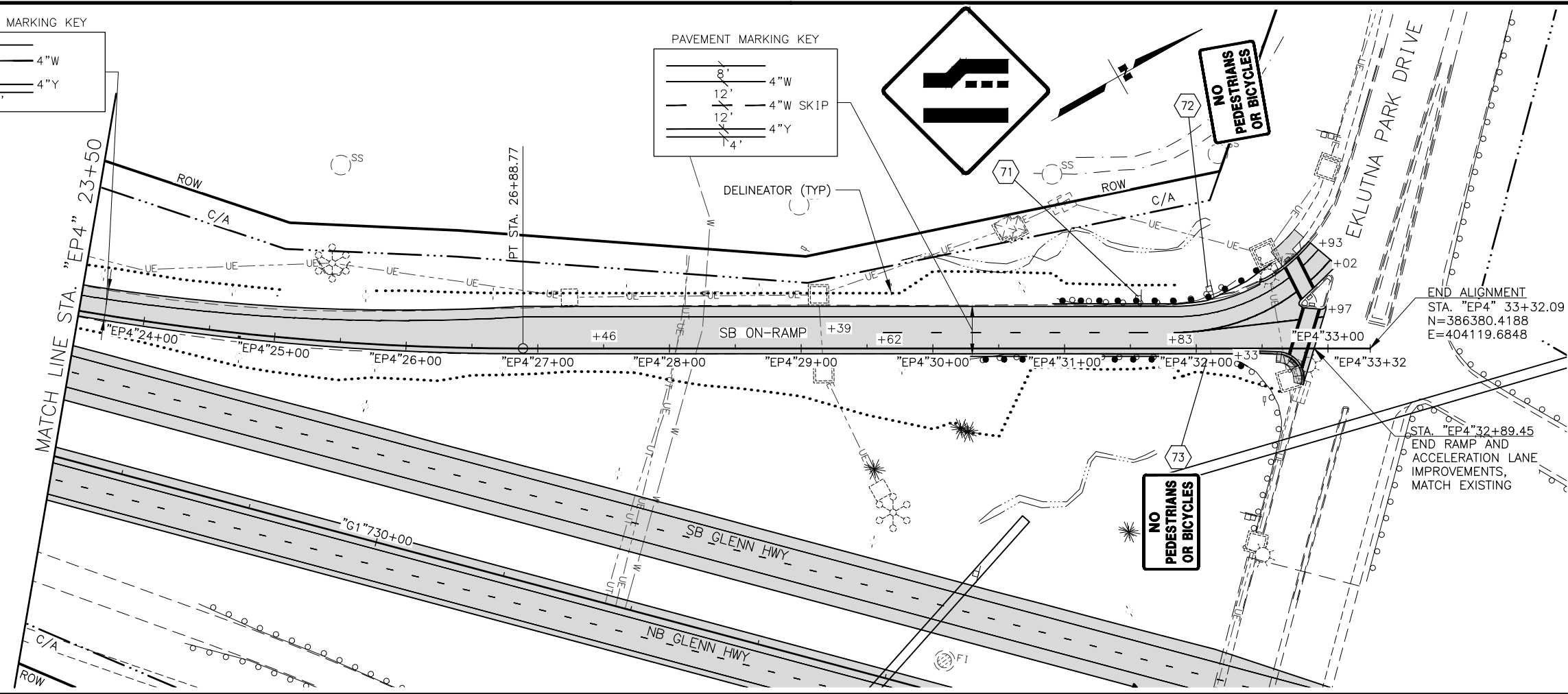
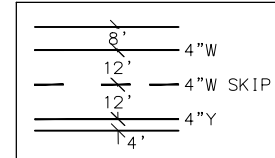
**GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION  
 N. EAGLE RIVER  
 SB-ON RAMP  
 SIGNING, STRIPING,  
 AND ILLUMINATION**

DRAWING LOCATION: Z:\PROJECTS\009777\_GLENN\_HWY\_AIRPORT\_HTS\_TO\_PARKS\DWGS\C\SHEETS\00945\_H76-H77-H77\_SSI\_N\_EAGLE\_RIVER\_SB-ON.DWG  
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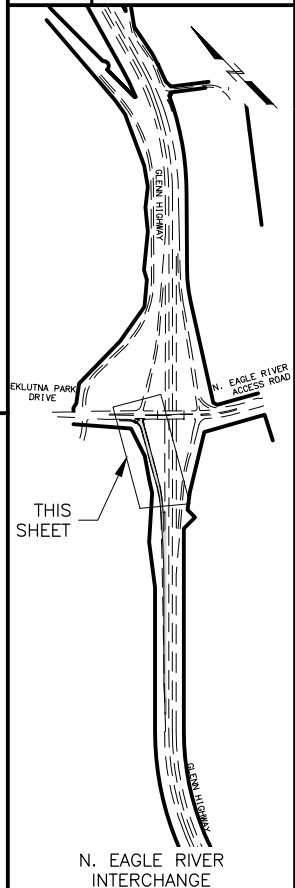
PAVEMENT MARKING KEY



PAVEMENT MARKING KEY



SHEET NO.	TOTAL SHEETS
H77	H100
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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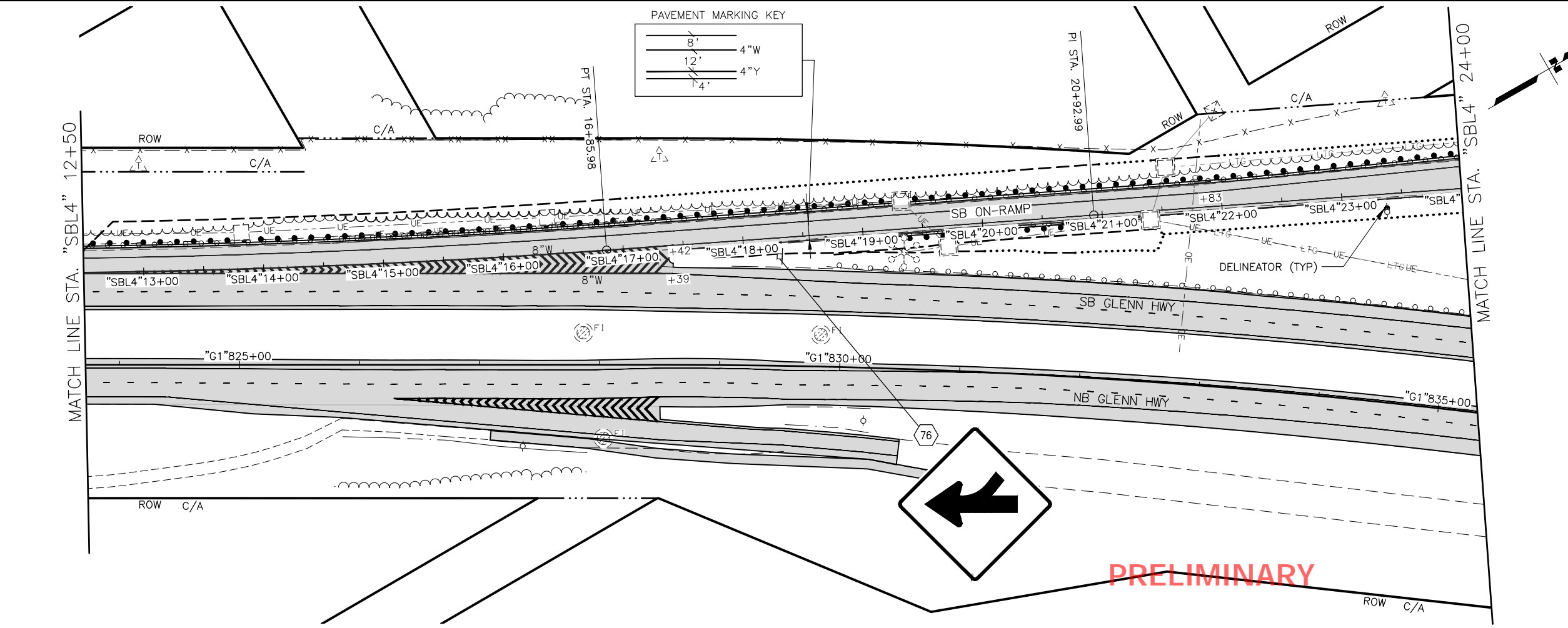
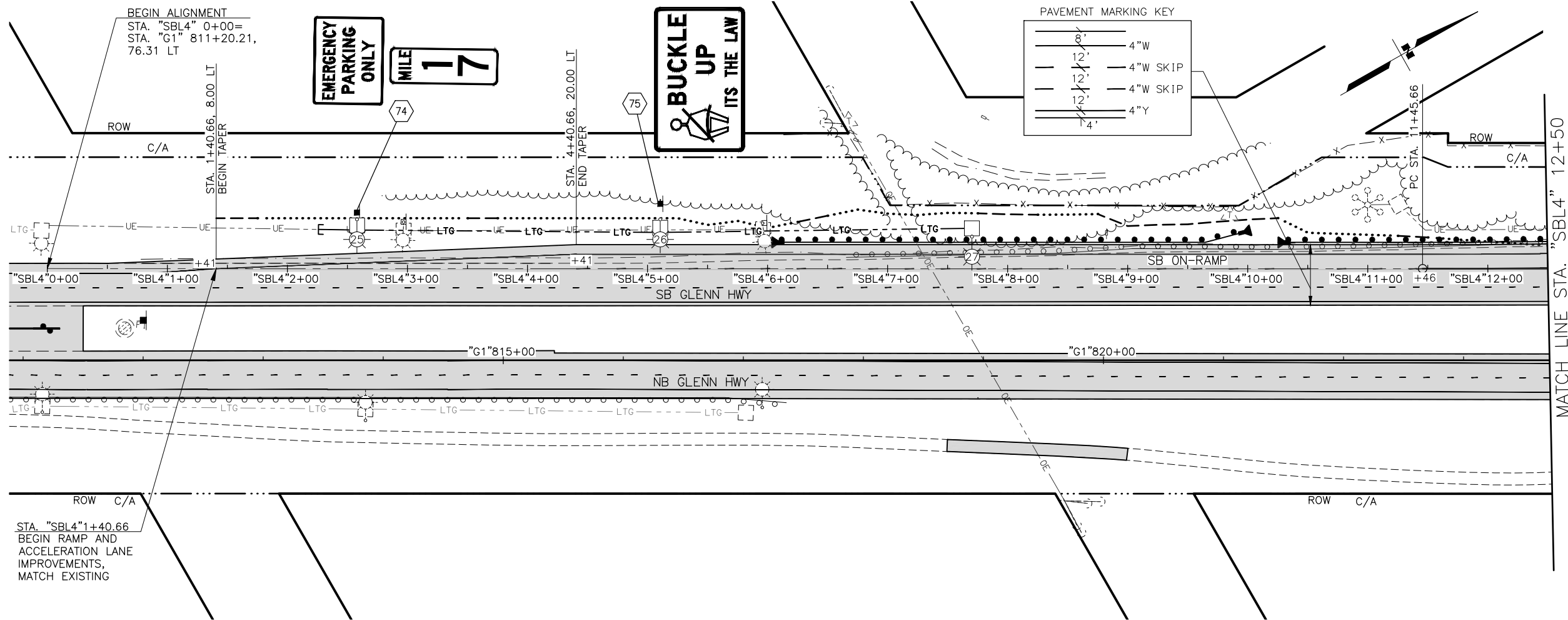
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION  
**N. EAGLE RIVER  
 SB-ON RAMP  
 SIGNING, STRIPING,  
 AND ILLUMINATION**

**PRELIMINARY**



DESIGNED BY: [blank]  
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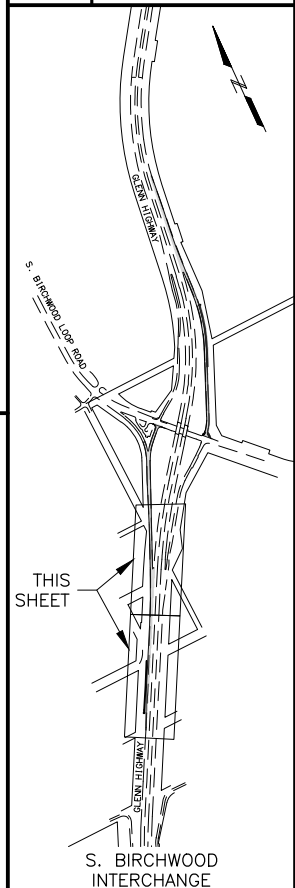
PAVEMENT MARKING KEY

8'	4" W
12'	4" W SKIP
12'	4" W SKIP
14'	4" Y

PAVEMENT MARKING KEY

8'	4" W
12'	4" Y
14'	4" Y

SHEET NO.	TOTAL SHEETS
H78	H100
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
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DATE	
NO.	REVISION
DATE	



PIH

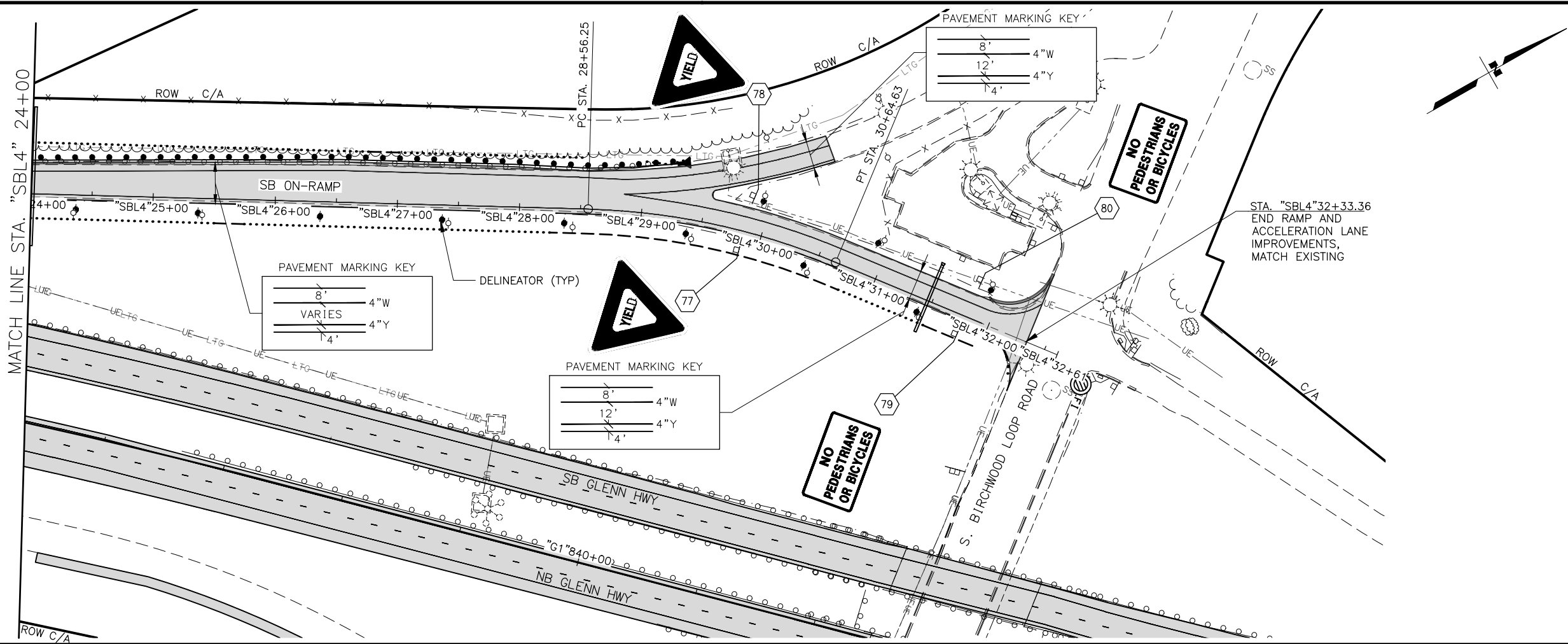
8/29/2024

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 (907) 346-2373  
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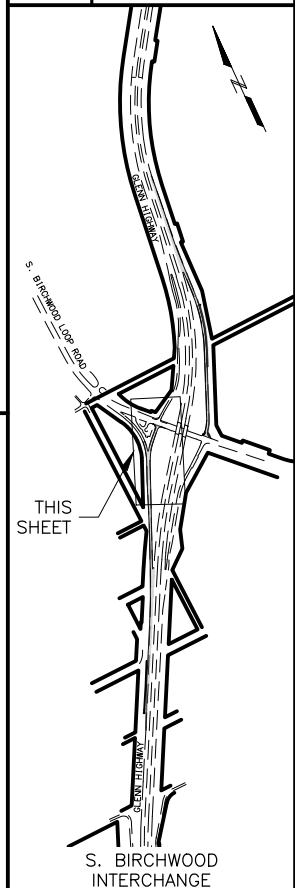
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION  
 S. BIRCHWOOD SB  
 ON-RAMP  
 SIGNING, STRIPING,  
 AND ILLUMINATION

PRELIMINARY

DESIGNED BY: [ ] CHECKED BY: [ ] DRAFTED BY: [ ]  
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SHEET NO.	TOTAL SHEETS
H79	H100
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



PIH

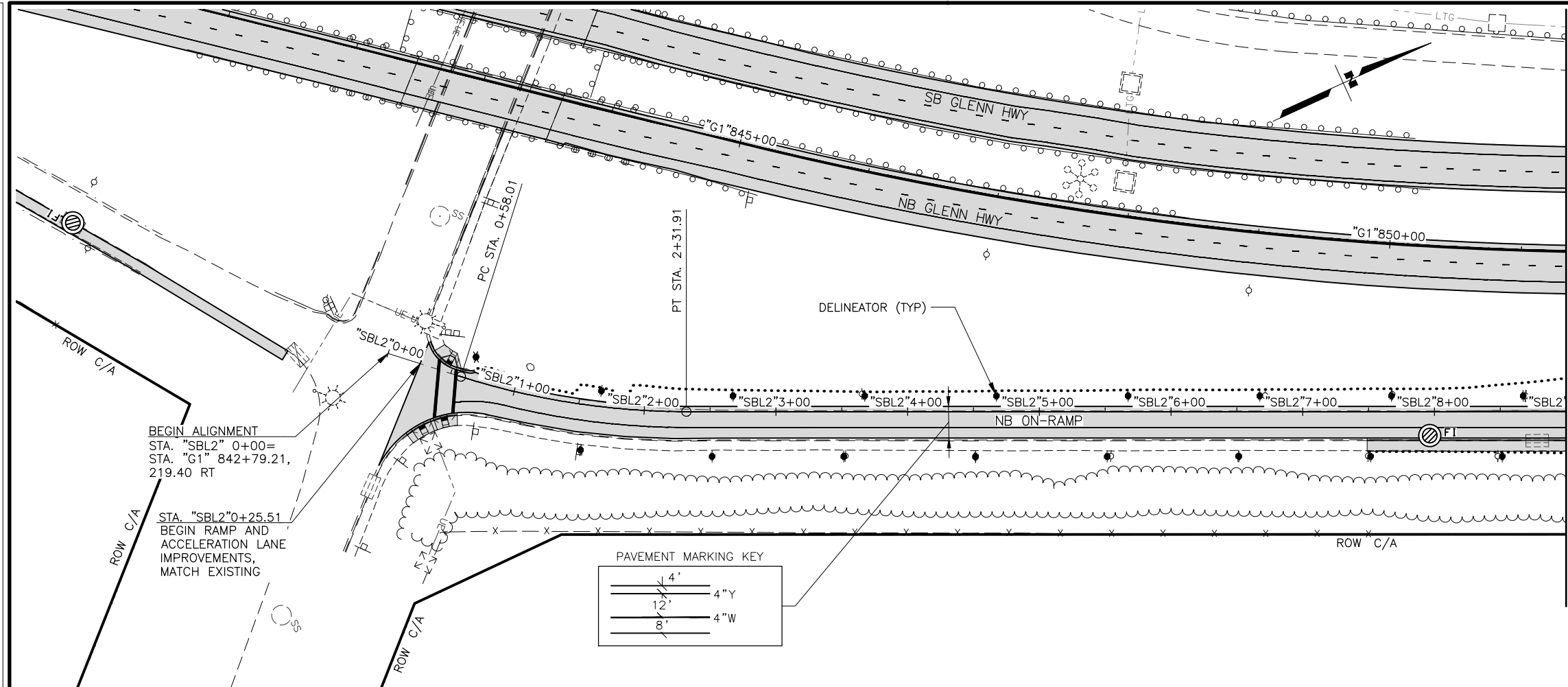
8/29/2024

PLANS DEVELOPED BY:  
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STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION  
 S. BIRCHWOOD SB  
 ON-RAMP  
 SIGNING, STRIPING,  
 AND ILLUMINATION

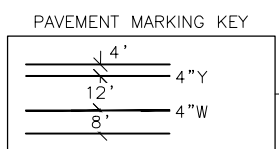
**PRELIMINARY**

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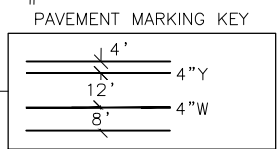
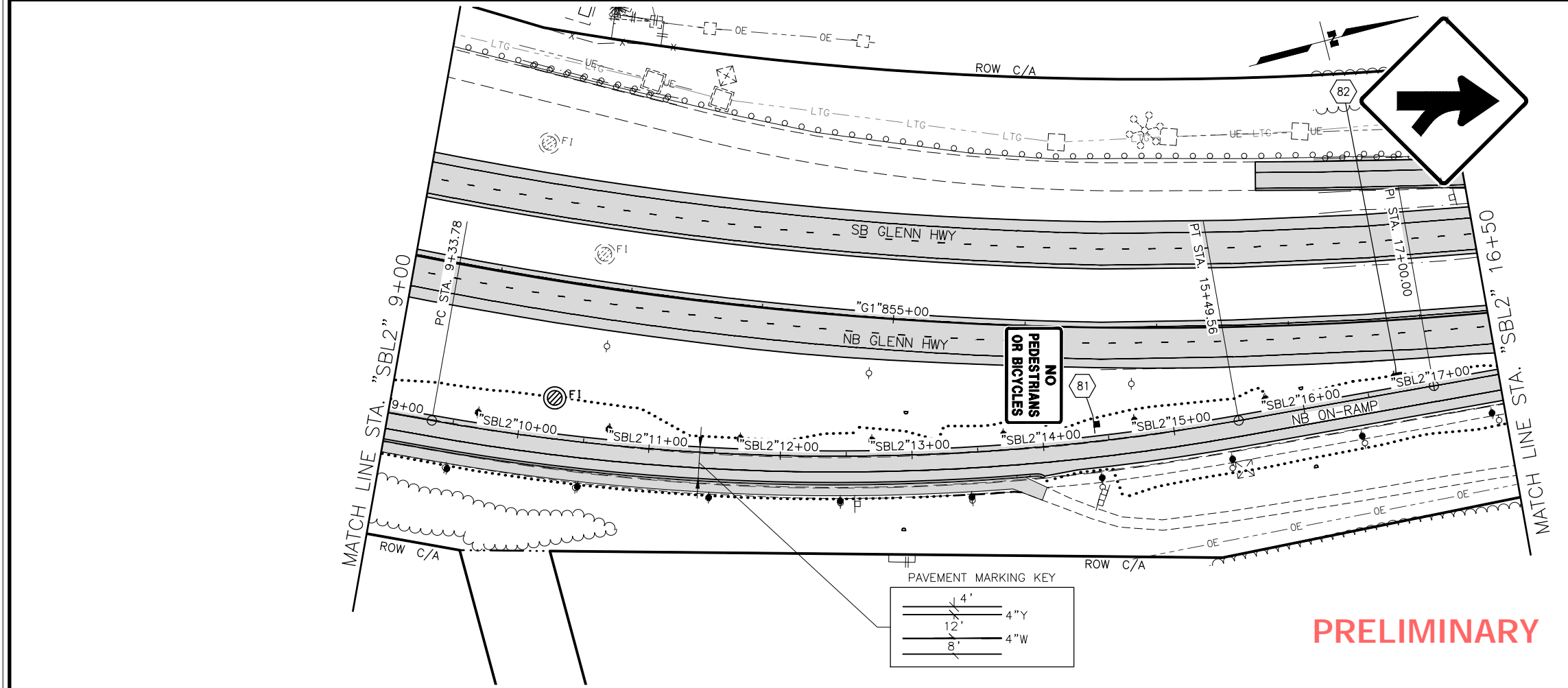


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 STA. "G1" 842+79.21,  
 219.40 RT

STA. "SBL2" 0+25.51  
 BEGIN RAMP AND  
 ACCELERATION LANE  
 IMPROVEMENTS,  
 MATCH EXISTING



MATCH LINE STA. "SBL2" 9+00

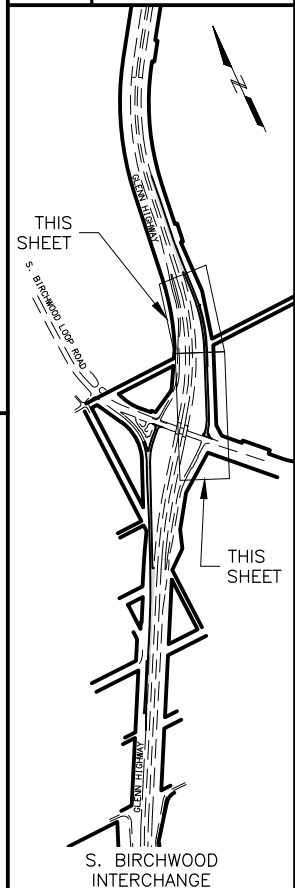


**PRELIMINARY**

SHEET NO.	TOTAL SHEETS
H80	H100
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION  
**0001656/  
 CFHWY00545**

NO.	REVISION



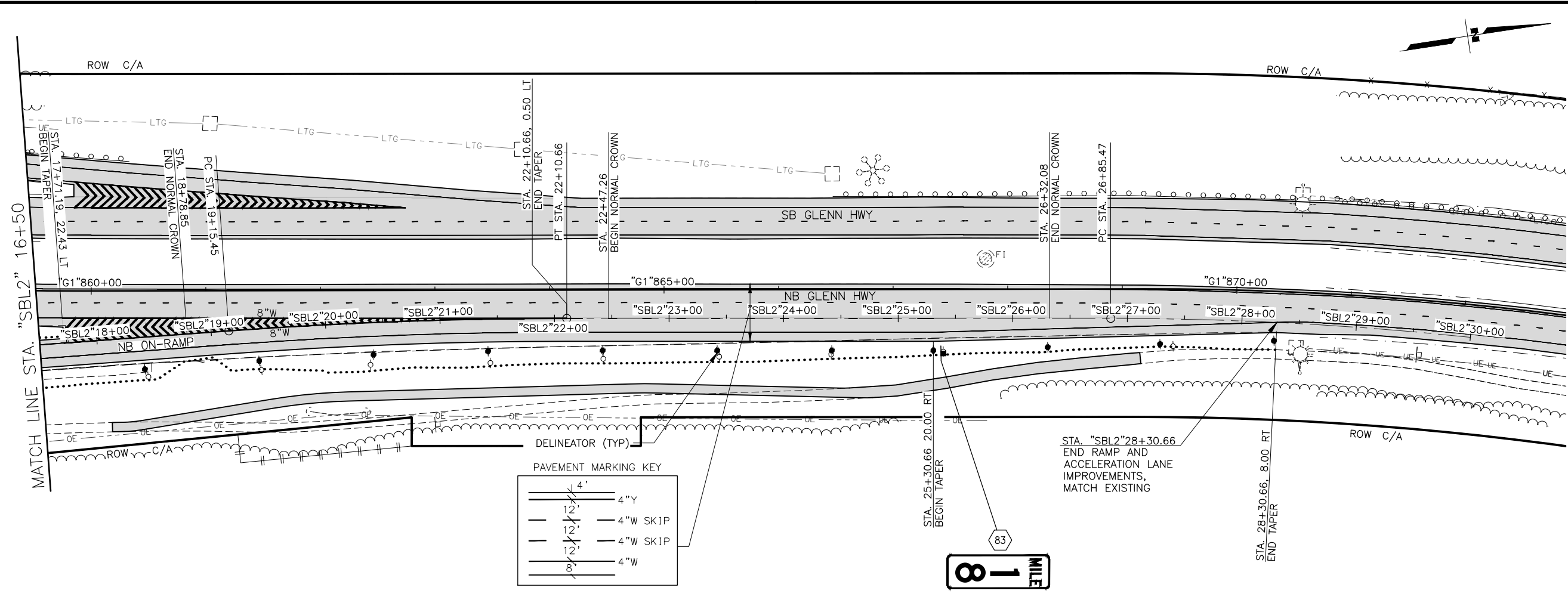
**PIH**

**8/29/2024**

PLANS DEVELOPED BY:  
 KINNEY ENGINEERING, LLC  
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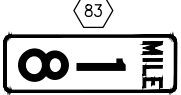
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION**  
**S. BIRCHWOOD  
 NB ON-RAMP  
 SIGNING, STRIPING,  
 AND ILLUMINATION**

DRAWING LOCATION: Z:\PROJECTS\009777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00945\_H80-H81\_SSI\_S\_BIRCHWOOD\_NB-ON.DWG  
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PAVEMENT MARKING KEY

	4" Y
	4" W SKIP
	4" W SKIP
	4" W

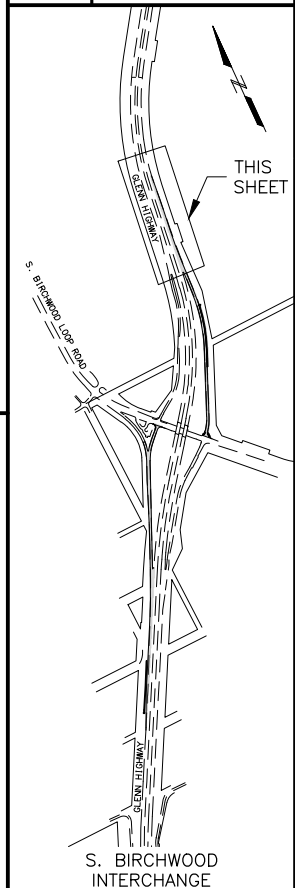


STA. "SBL2"28+30.66  
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 ACCELERATION LANE  
 IMPROVEMENTS,  
 MATCH EXISTING

SHEET NO. <b>H81</b>	TOTAL SHEETS <b>H100</b>
STATE <b>ALASKA</b>	YEAR <b>2024</b>

PROJECT DESIGNATION  
**0001656/  
 CFHWY00545**

NO.	REVISION



**PIH**

**8/29/2024**

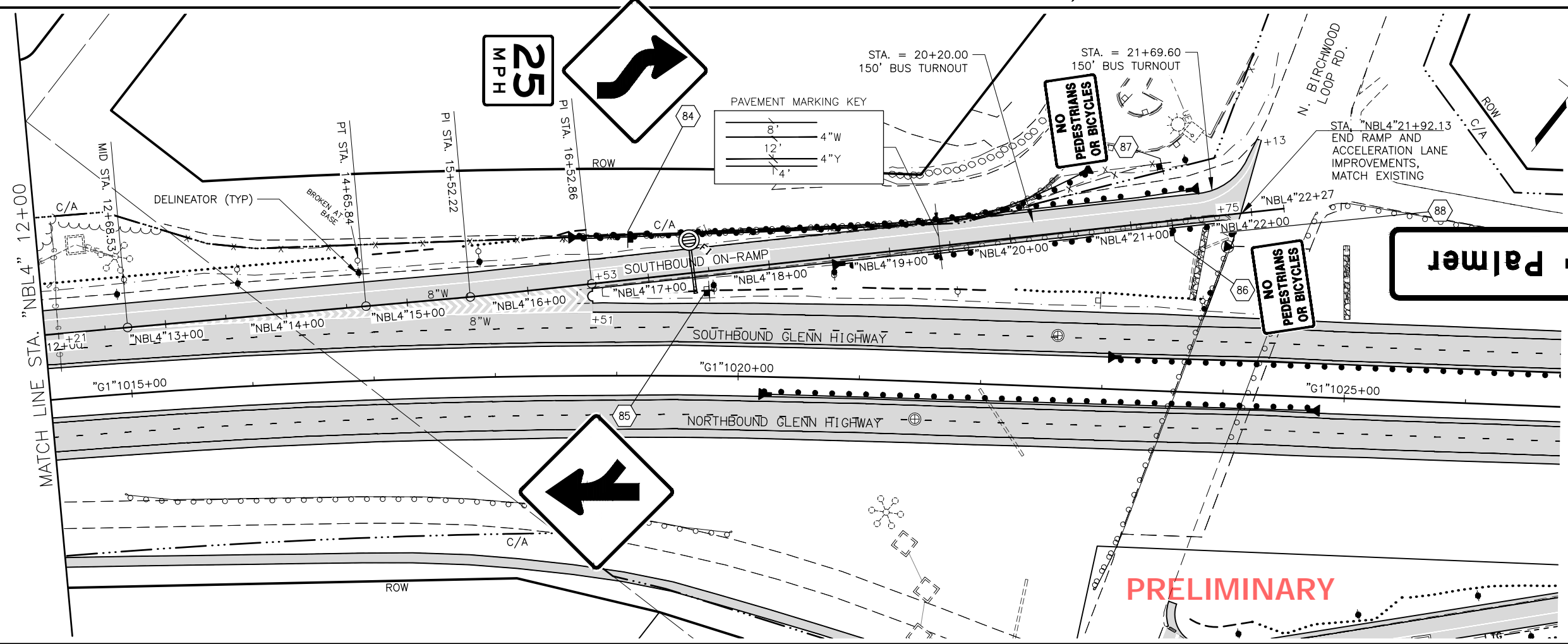
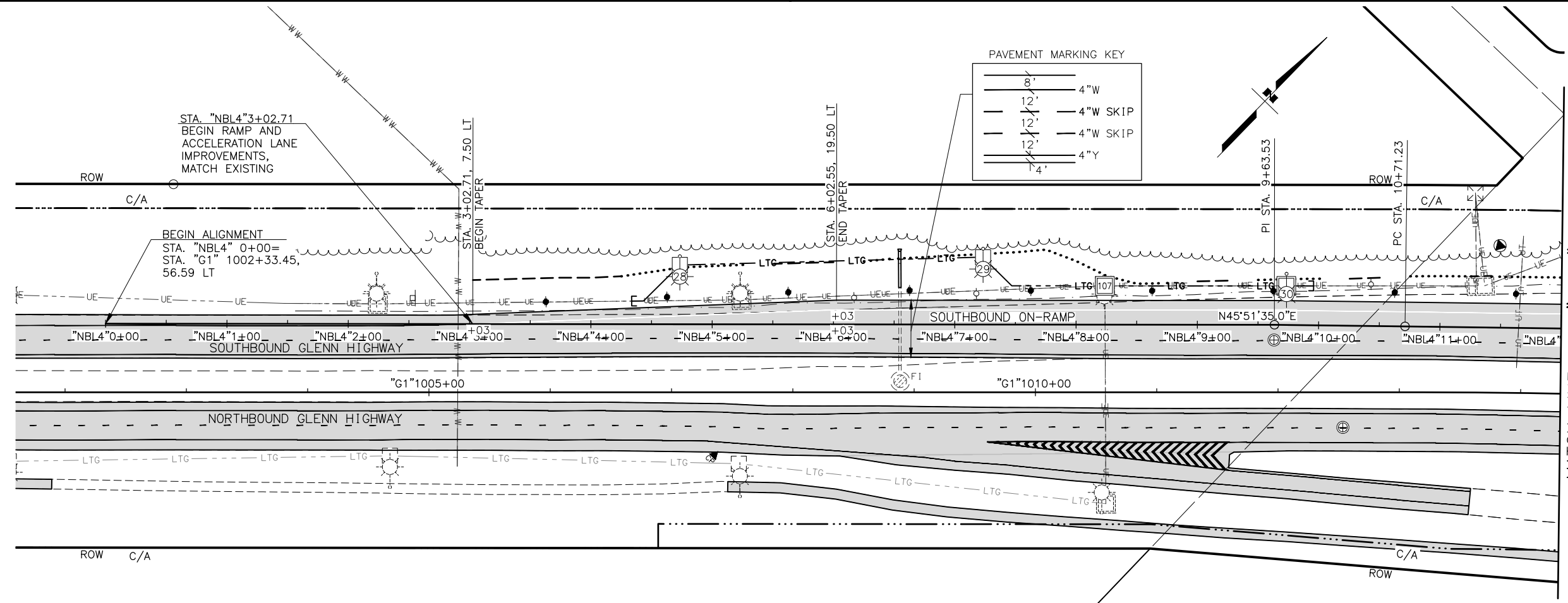
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STATE OF ALASKA  
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**GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION**  
**S. BIRCHWOOD  
 NB ON-RAMP  
 SIGNING, STRIPING,  
 AND ILLUMINATION**

**PRELIMINARY**



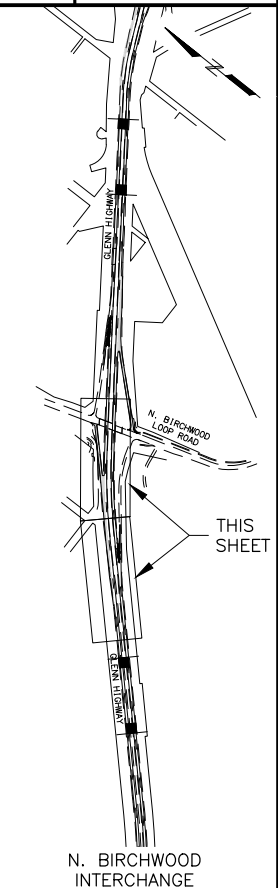
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PAVEMENT MARKING KEY

8"	4"W
12"	4"W SKIP
12"	4"W SKIP
12"	4"Y
4'	

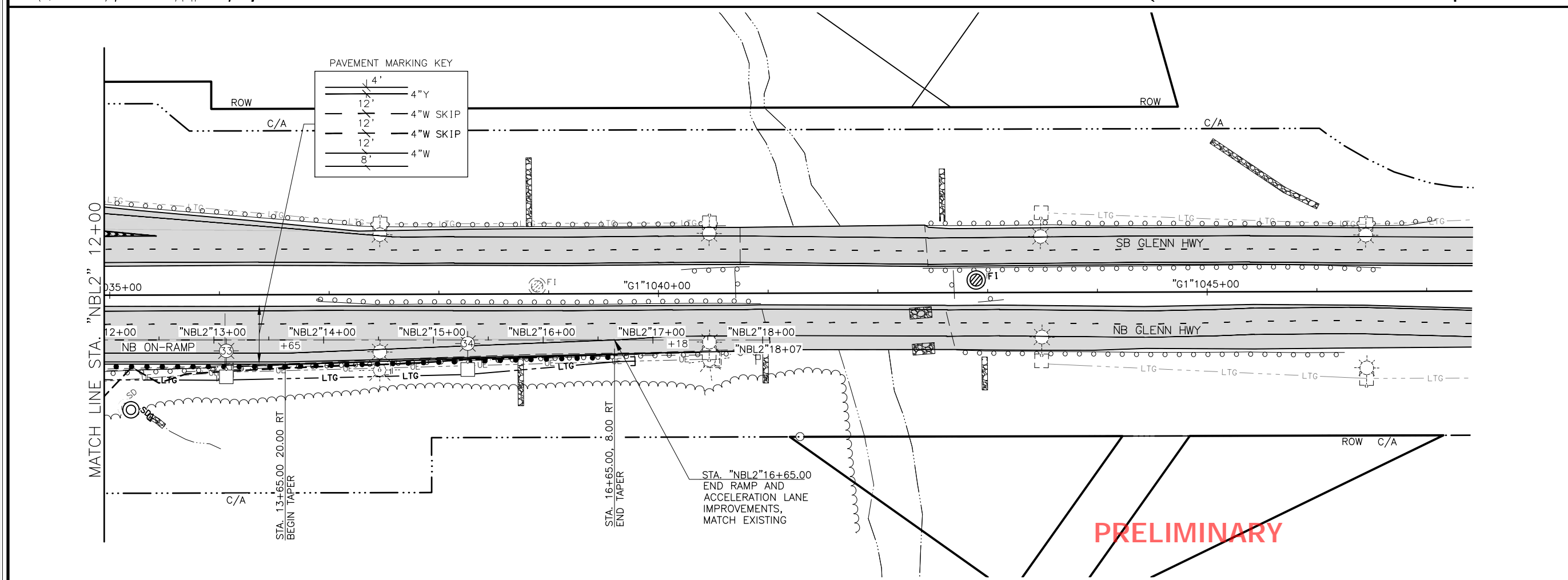
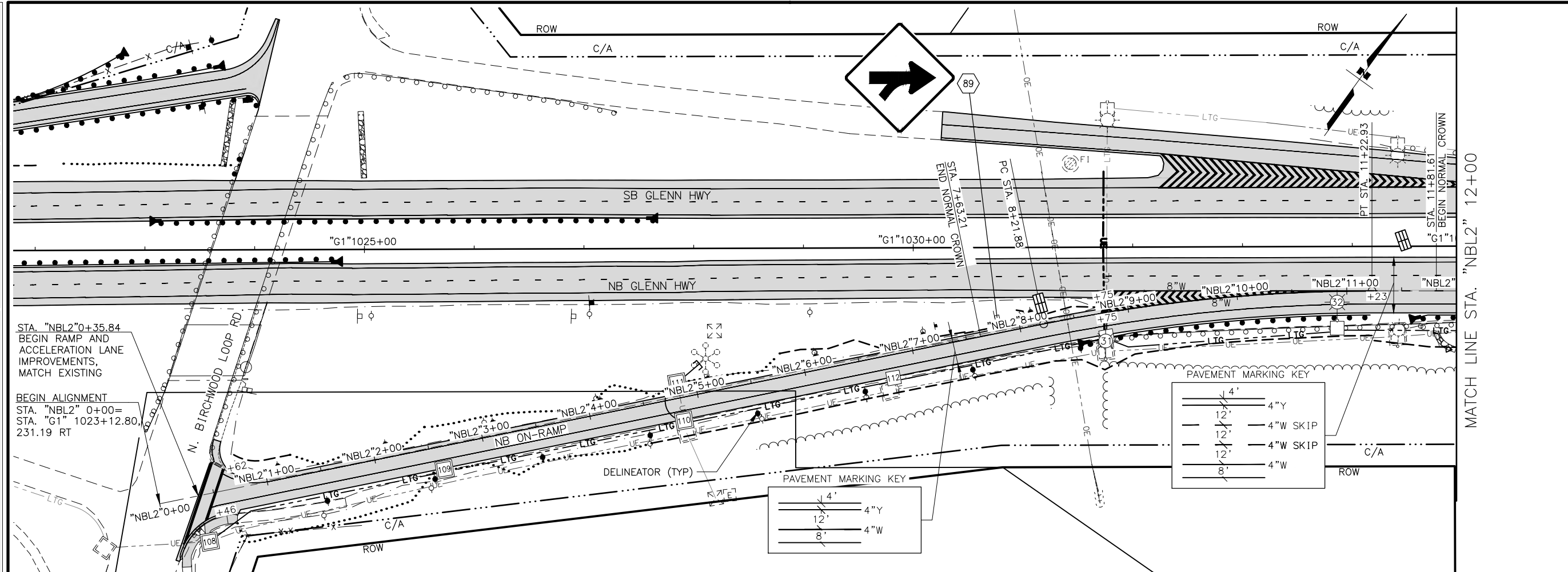
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H82	H100
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



N. BIRCHWOOD INTERCHANGE  
 PIH  
 8/29/2024  
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 N. BIRCHWOOD  
 SB ON-RAMP  
 SIGNING, STRIPING,  
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**PRELIMINARY**

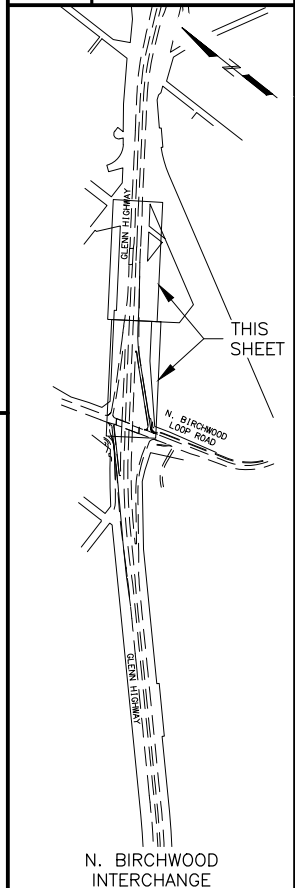
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SHEET NO.	TOTAL SHEETS
H83	H100
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION  
**0001656/  
 CFHWY00545**

NO.	REVISION



**PIH**  
 8/29/2024

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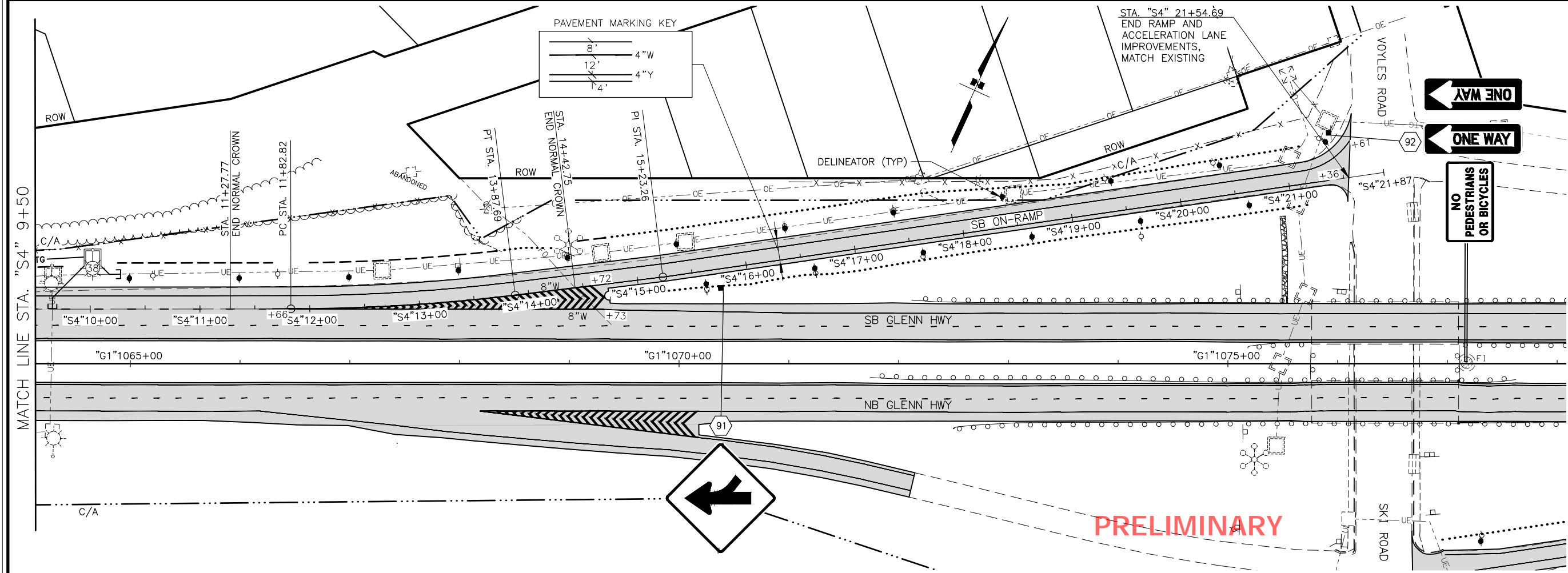
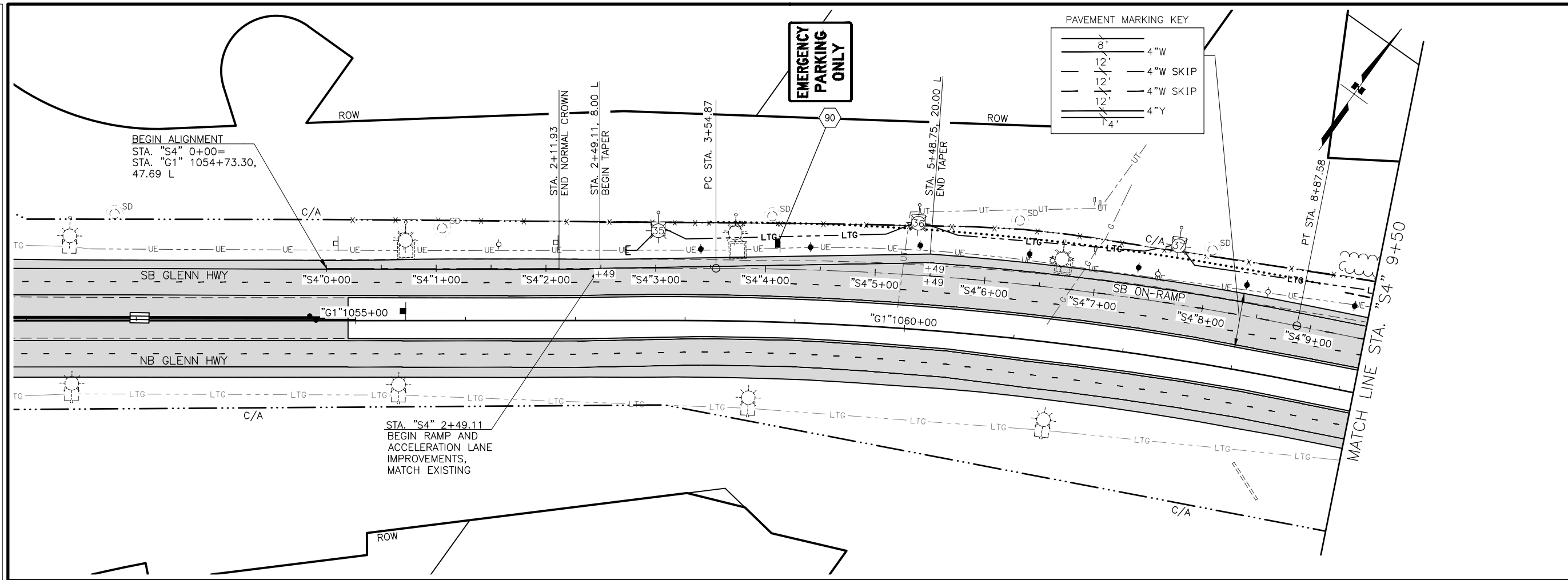
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION**  
**N. BIRCHWOOD  
 NB ON-RAMP  
 SIGNING, STRIPING,  
 AND ILLUMINATION**

PRELIMINARY

DESIGNED BY: [blank]  
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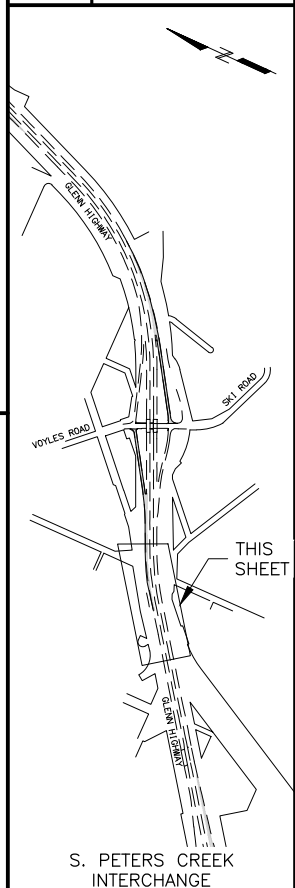
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SHEET NO.	TOTAL SHEETS
H84	H100
STATE	YEAR
ALASKA	2024

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

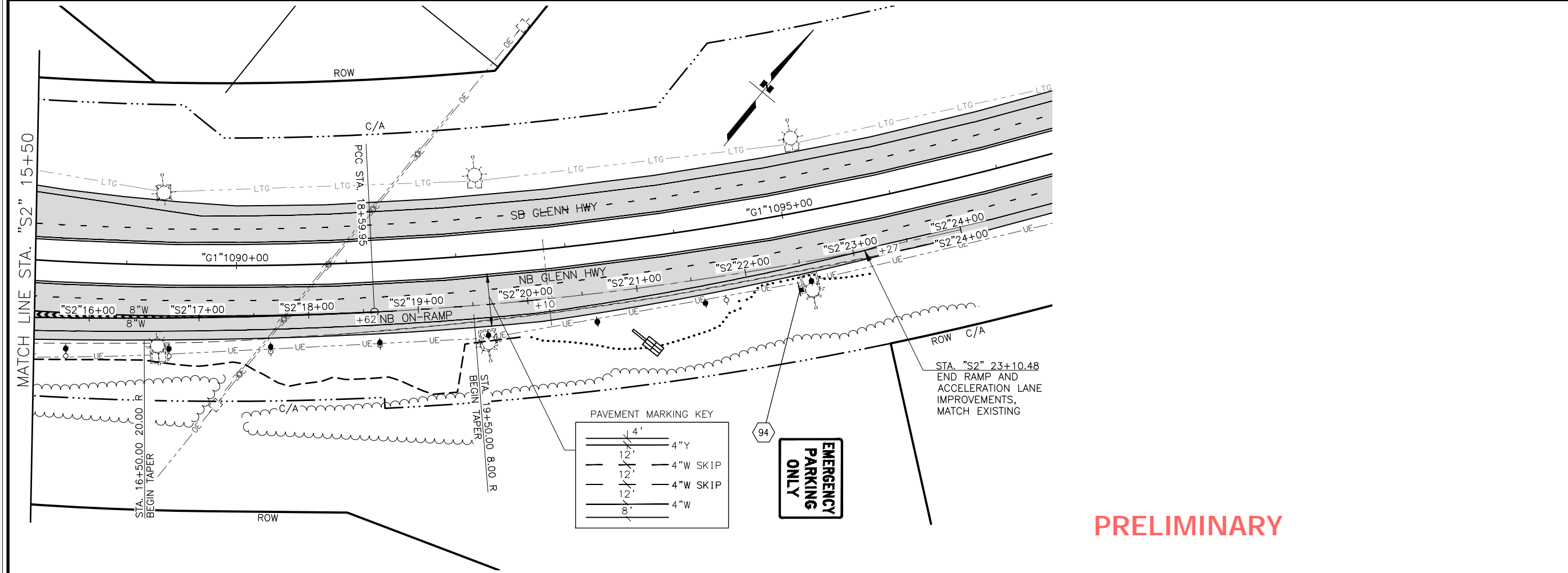
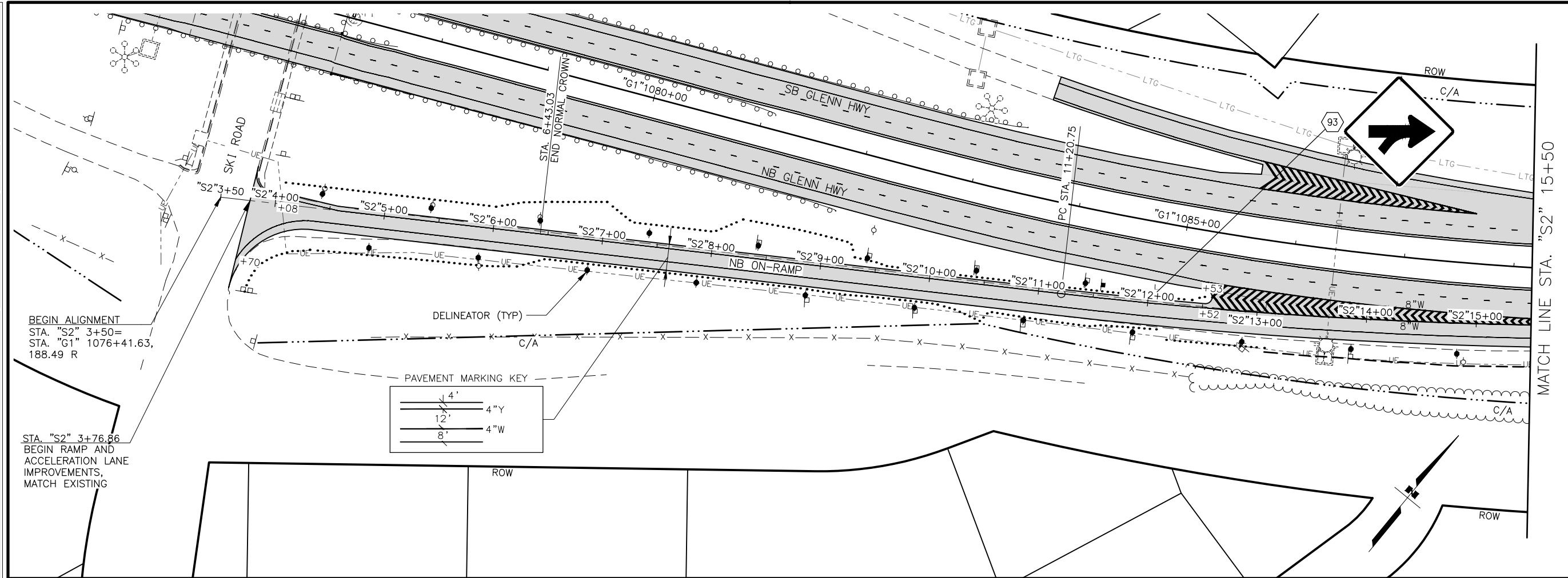
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES

GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION

S. PETERS CREEK  
 SB ON-RAMP  
 SIGNING, STRIPING,  
 AND ILLUMINATION



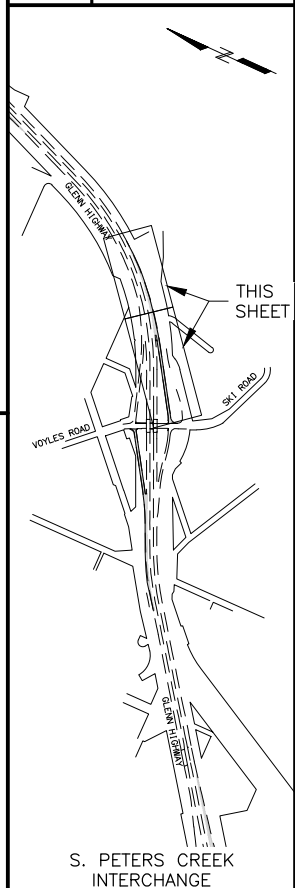
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SHEET NO.	TOTAL SHEETS
H85	H100
STATE	YEAR
ALASKA	2024

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. PETERS CREEK  
 NB ON-RAMP  
 SIGNING, STRIPING,  
 AND ILLUMINATION**

**PRELIMINARY**

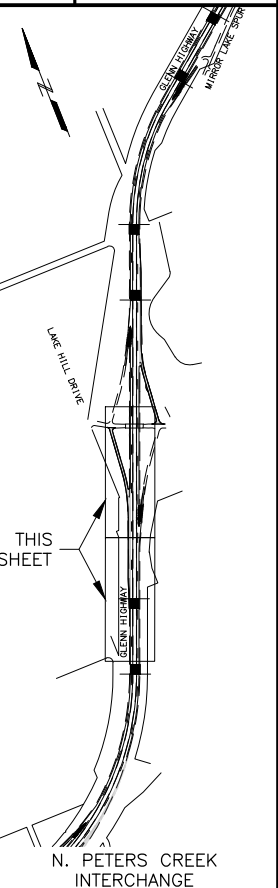


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SHEET NO.	TOTAL SHEETS
H86	H100
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION  
**0001656/  
 CFHWY00545**

NO.	REVISION

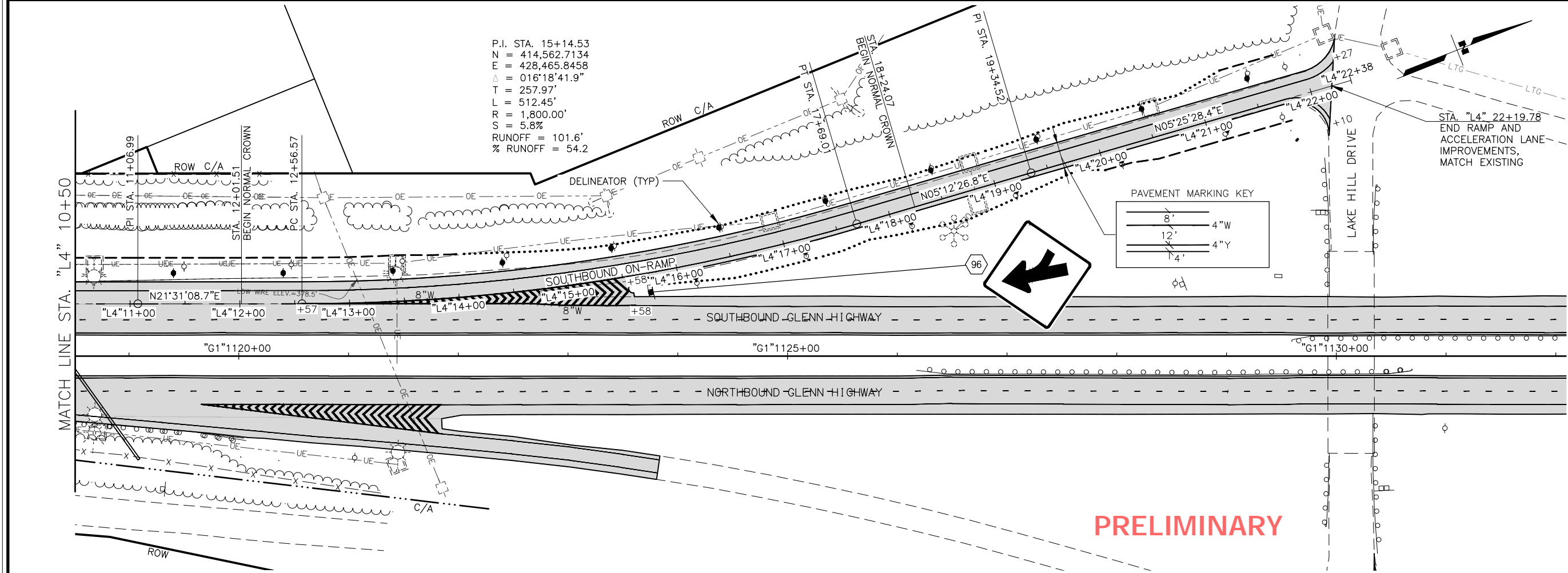
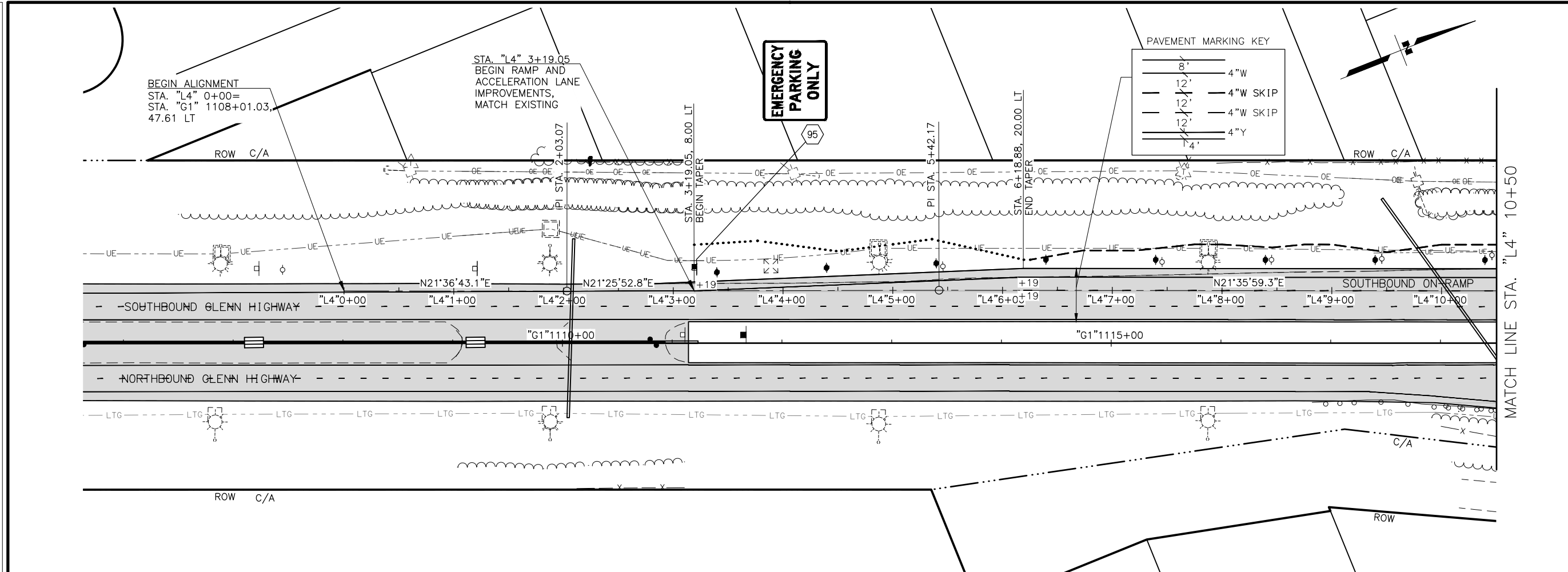


N. PETERS CREEK INTERCHANGE

**PIH**  
 8/29/2024

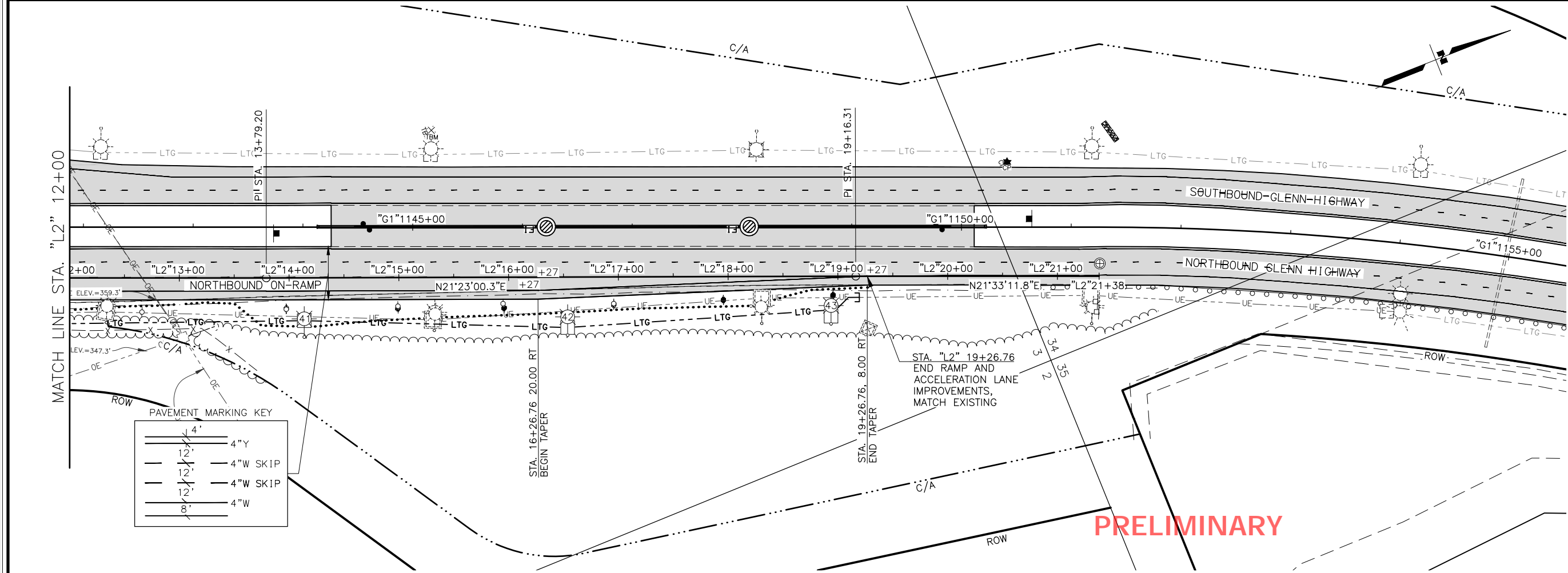
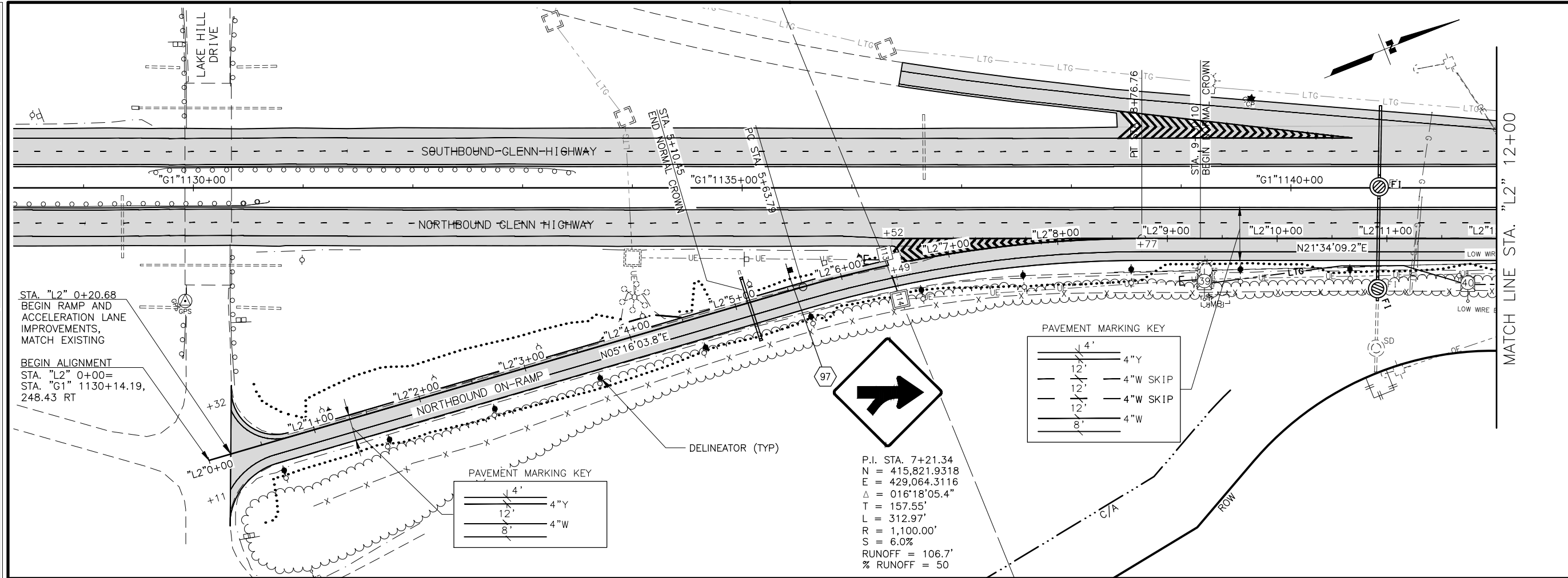
PLANS DEVELOPED BY:  
 KINNEY ENGINEERING, LLC  
 3909 Arctic Blvd, Suite 400  
 ANCHORAGE, AK 99503  
 (907) 346-2373  
 CERT. OF AUTH. NO. AECL 1102

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION**  
**N. PETERS CREEK  
 SB ON-RAMP  
 SIGNING, STRIPING,  
 AND ILLUMINATION**



**PRELIMINARY**

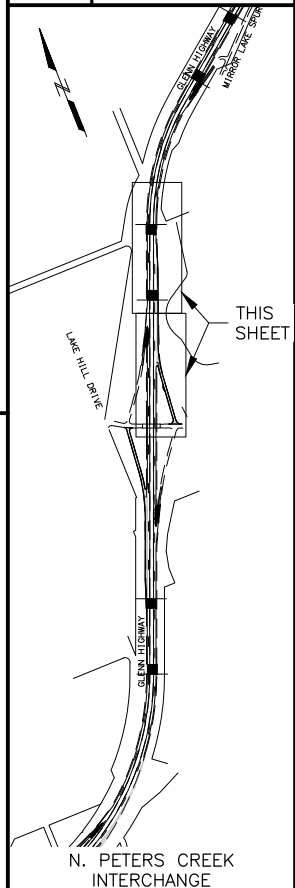
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SHEET NO.	TOTAL SHEETS
H87	H100
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION  
**0001656/  
 CFHWY00545**

NO.	REVISION



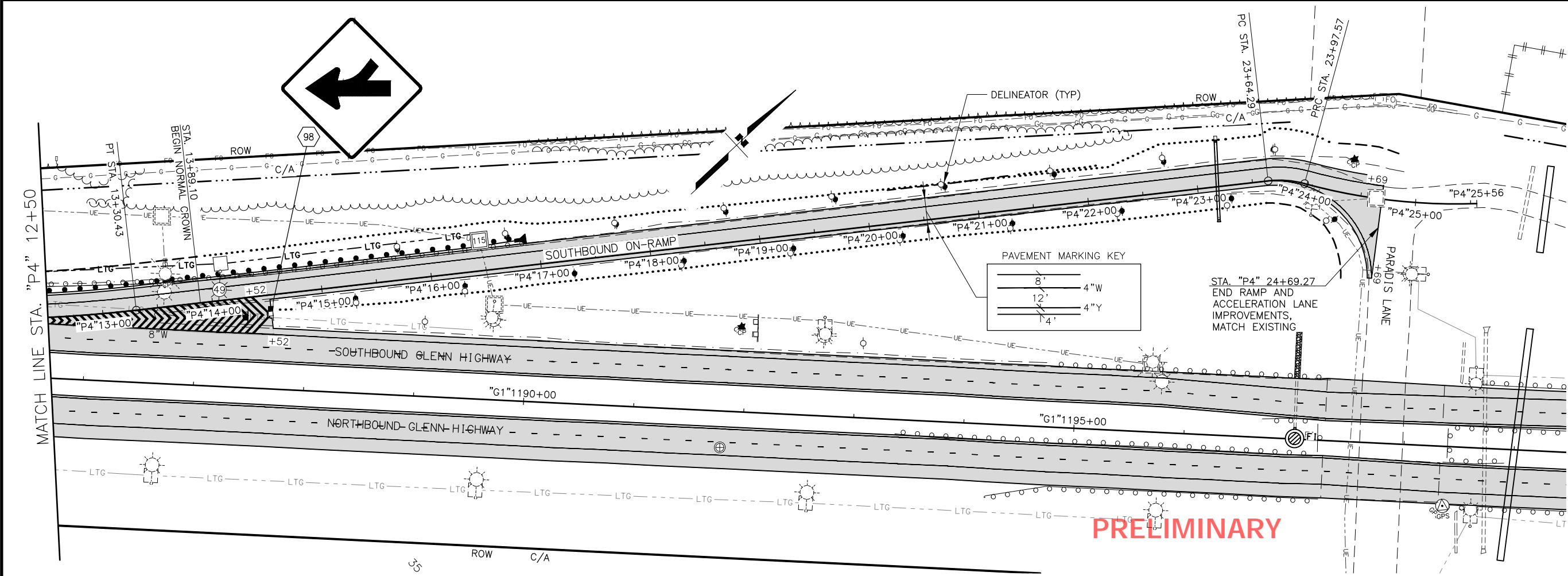
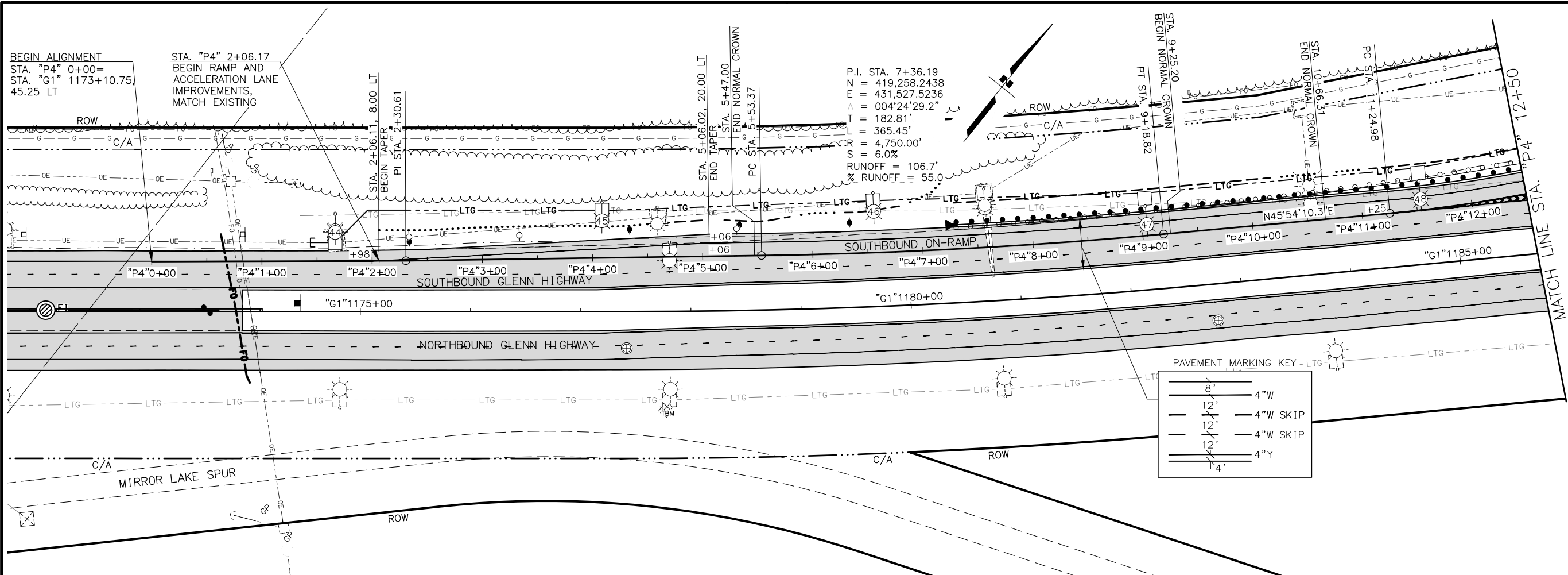
**PIH**  
 8/29/2024

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  
 NB ON-RAMP  
 SIGNING, STRIPING,  
 AND ILLUMINATION**

**PRELIMINARY**

DESIGNED BY: [ ]  
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 DRAFTED BY: [ ]  
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P.I. STA. 7+36.19  
 N = 419,258.2438  
 E = 431,527.5236  
 $\Delta = 004^{\circ}24'29.2''$   
 L = 365.45'  
 R = 4,750.00'  
 S = 6.0%  
 RUNOFF = 106.7'  
 % RUNOFF = 55.0

PAVEMENT MARKING KEY - LTG

8'	4" W
12'	4" W SKIP
12'	4" W SKIP
12'	4" W SKIP
14'	4" Y

PAVEMENT MARKING KEY

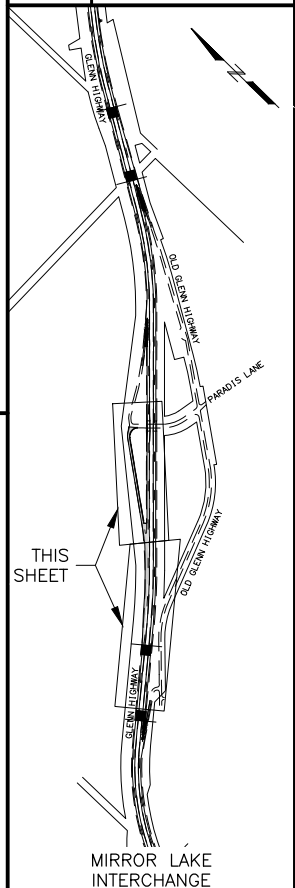
8'	4" W
12'	4" Y
14'	4" Y

**PRELIMINARY**

SHEET NO.	TOTAL SHEETS
H88	H100
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**  
**MIRROR LAKE  
 SB ON-RAMP  
 SIGNING, STRIPING,  
 AND ILLUMINATION**

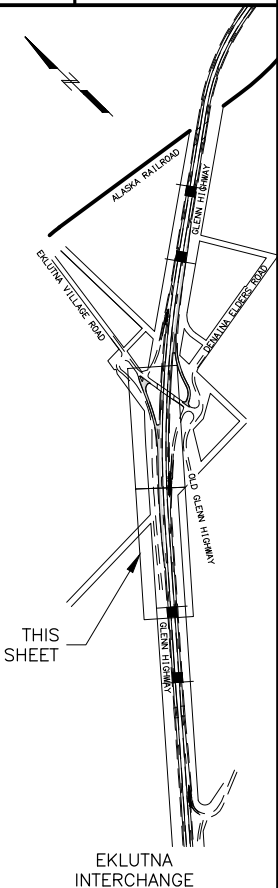


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SHEET NO.	TOTAL SHEETS
H89	H100
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION  
**0001656/  
 CFHWY00545**

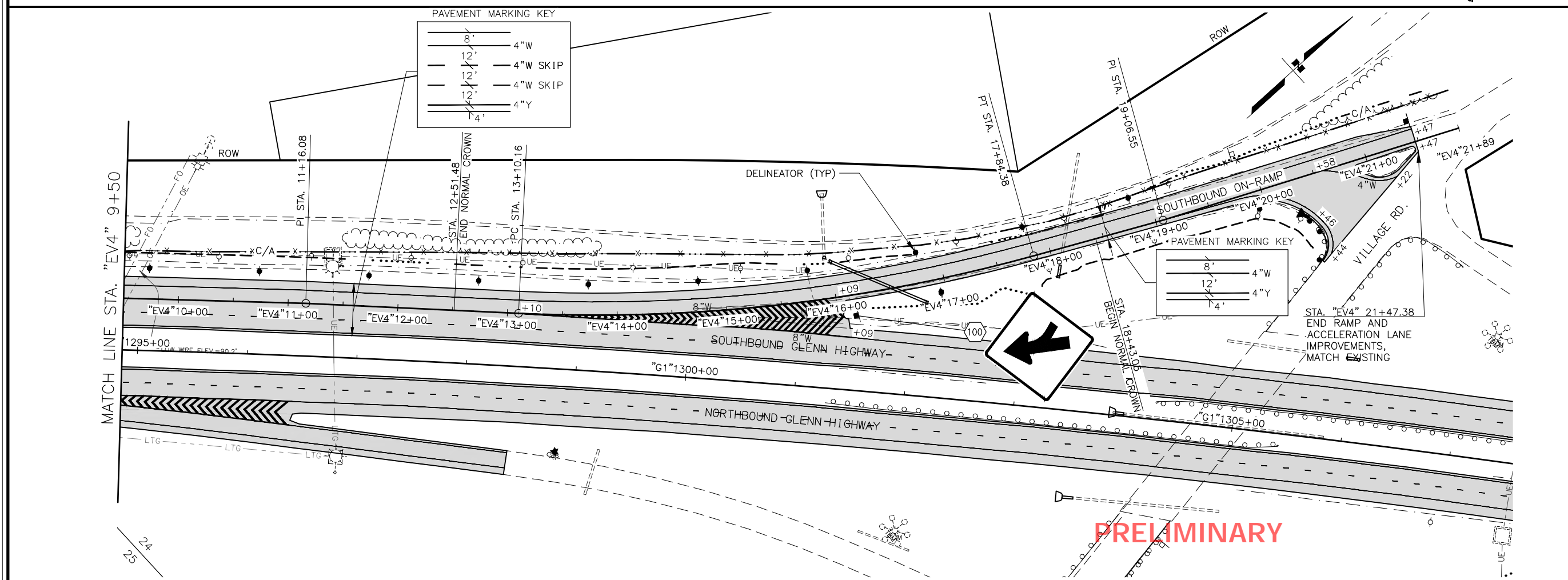
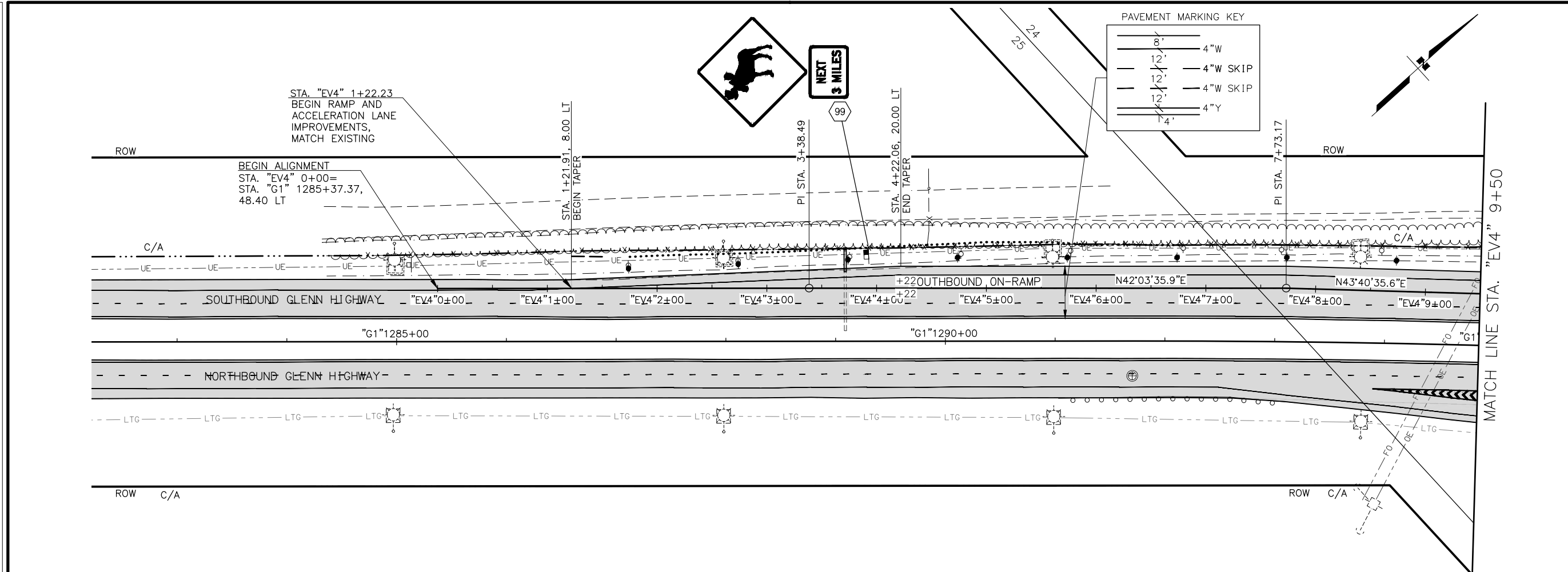
NO.	REVISION



**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**  
**EKLUTNA  
 SB ON-RAMP  
 SIGNING, STRIPING,  
 AND ILLUMINATION**



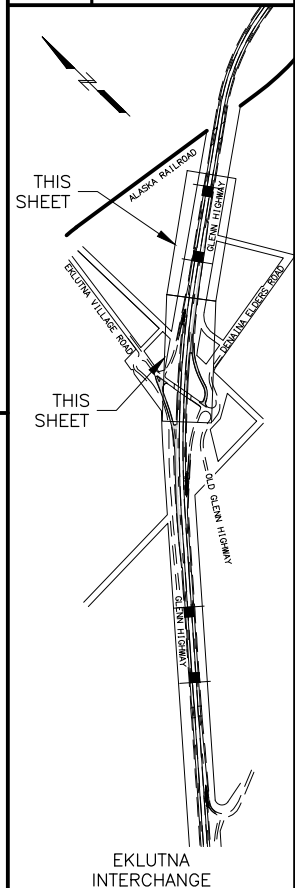


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SHEET NO.	TOTAL SHEETS
H90	H100
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION  
**0001656/  
 CFHWY00545**

NO.	REVISION

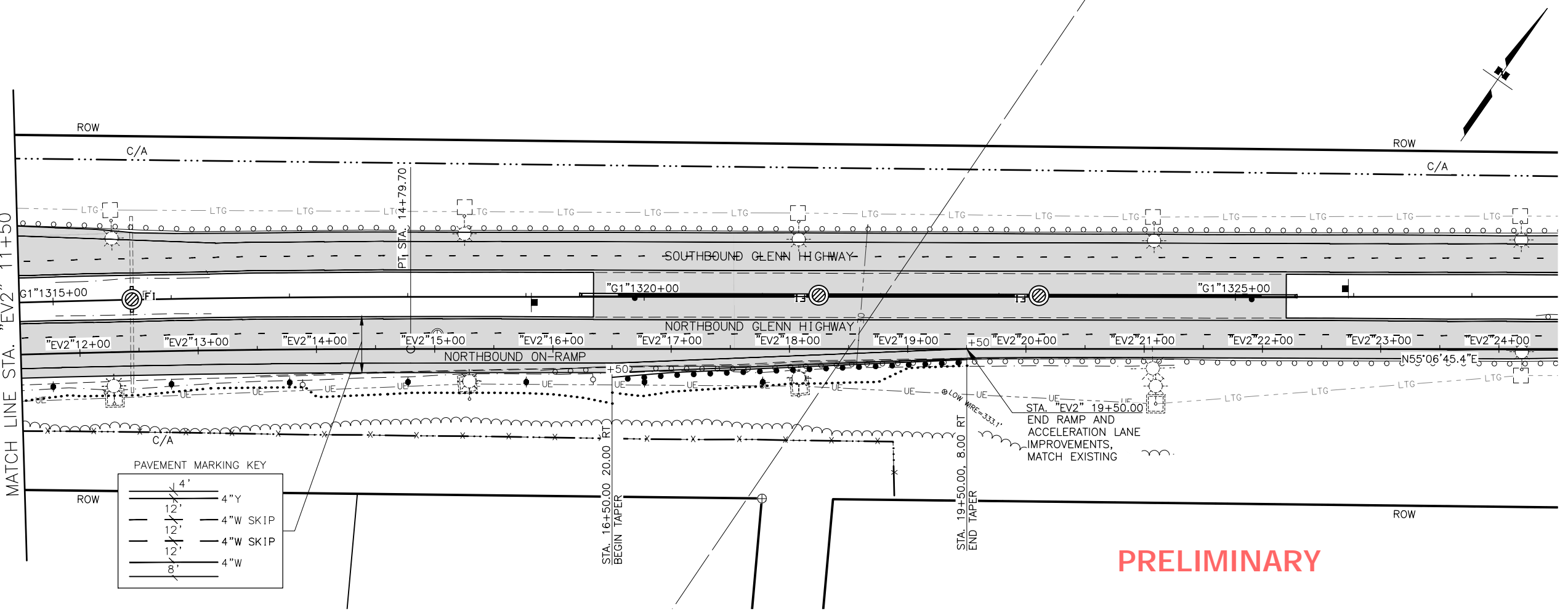
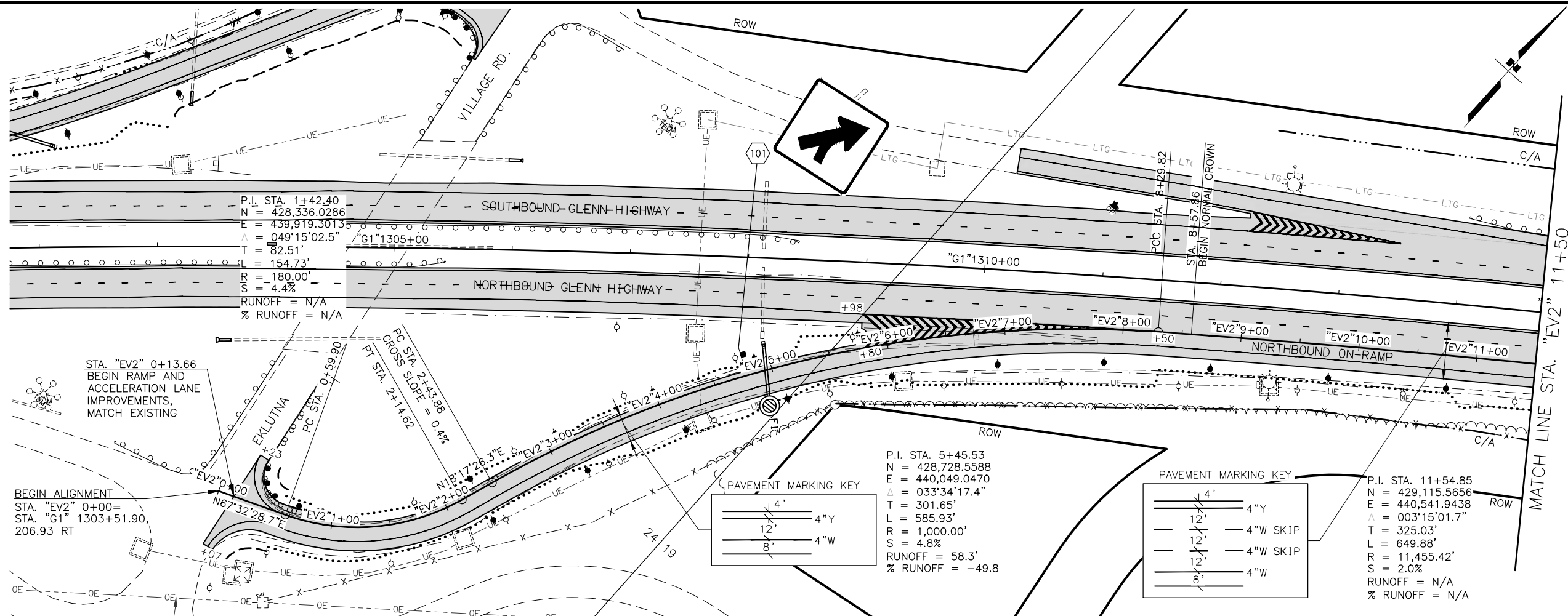


**PIH**  
 8/29/2024

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

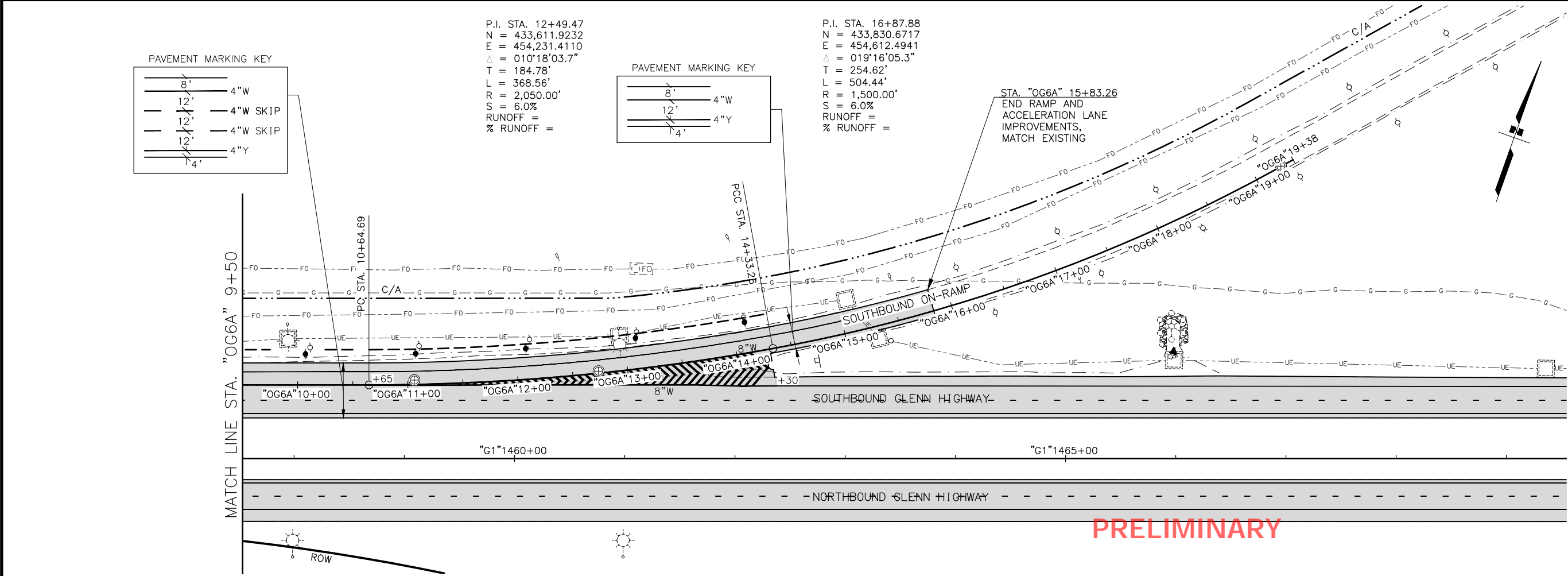
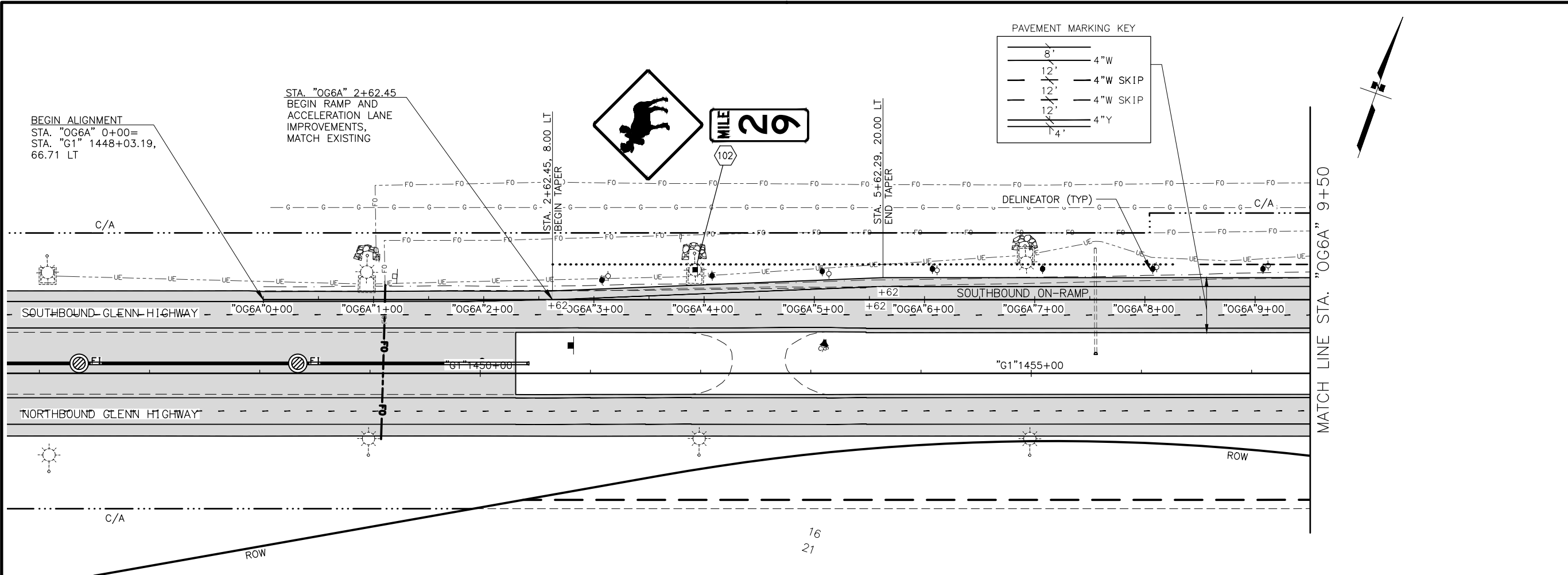
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION**

**EKLUTNA  
 NB ON-RAMP  
 SIGNING, STRIPING,  
 AND ILLUMINATION**



**PRELIMINARY**

DESIGNED BY: [ ] CHECKED BY: [ ] DRAFTED BY: [ ]  
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 DATE: 8/29/2024 8:49 PM  
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SHEET NO.	TOTAL SHEETS
H91	H100
STATE	YEAR
ALASKA	2024

PROJECT DESIGNATION  
**0001656/  
 CFHWY00545**

NO.	REVISION

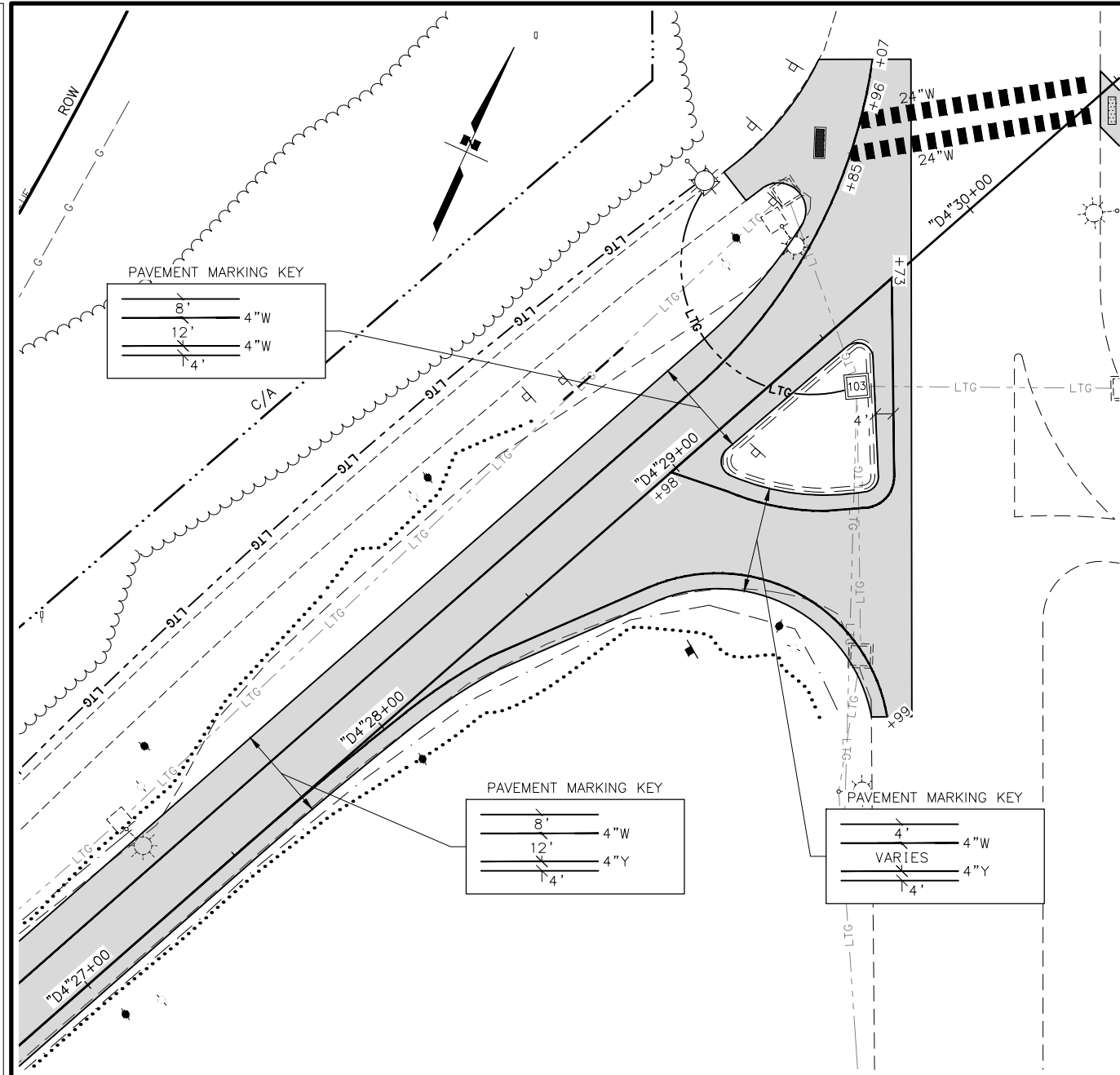


PIH  
 8/29/2024  
 PLANS DEVELOPED BY:  
 KINNEY ENGINEERING, LLC  
 3909 Arctic Blvd, Suite 400  
 ANCHORAGE, AK 99503  
 (907) 346-2373  
 CERT. OF AUTH. NO. AECL 1102

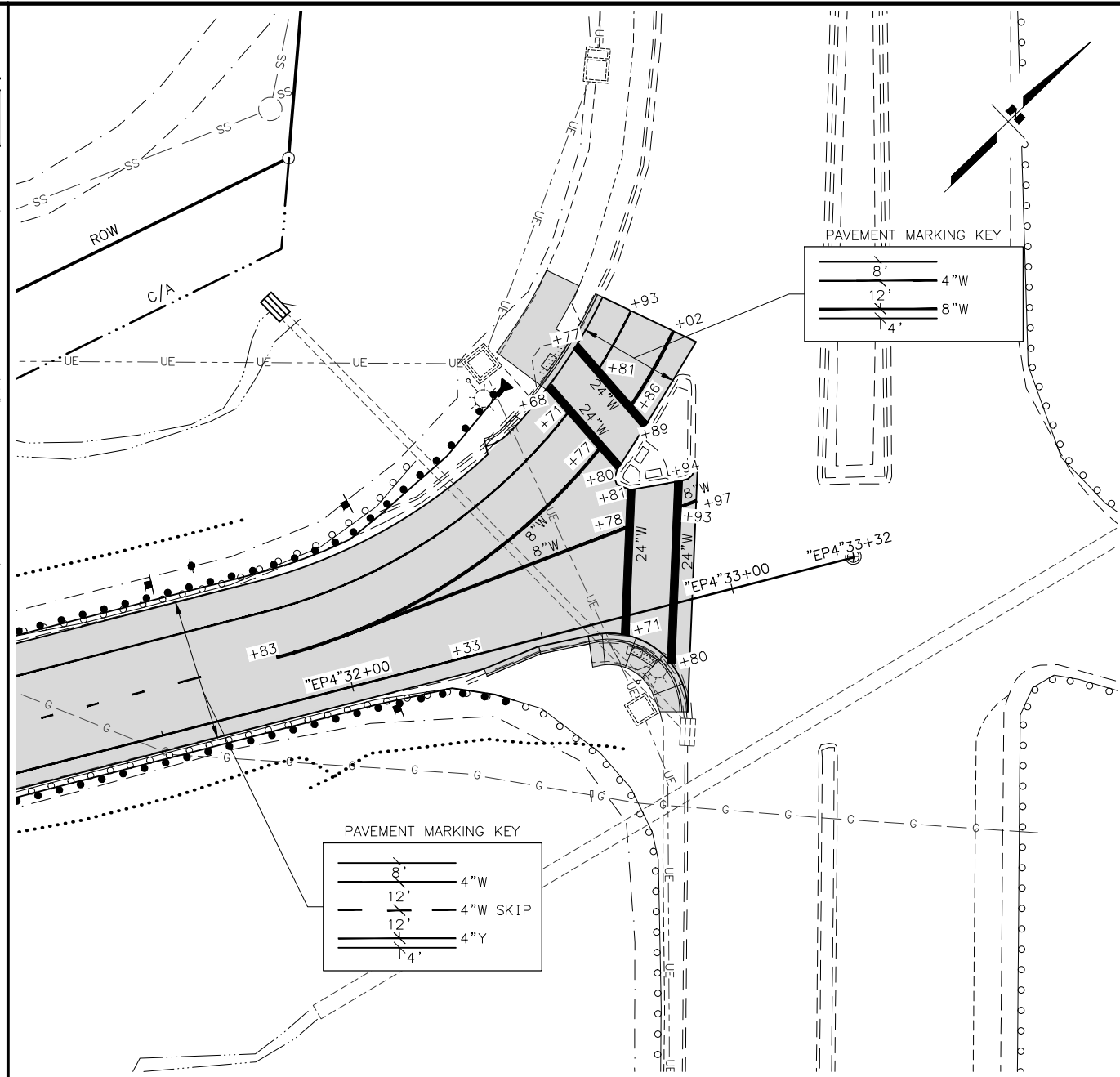
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION**  
**OLD GLENN  
 SB ON-RAMP  
 SIGNING, STRIPING,  
 AND ILLUMINATION**

**PRELIMINARY**

DRAWING LOCATION: Z:\PROJECTS\005777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00545\_H92-H94-H94\_SSI\_RAMP\_INTERSECTIONS.DWG  
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 CHECKED BY: [blank]  
 DRAFTED BY: [blank]



**D STREET (JBER) SB ON-RAMP**



**N. EAGLE RIVER SB ON-RAMP**

**PRELIMINARY**

SHEET NO.	TOTAL SHEETS
H92	H100
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

**PIH**

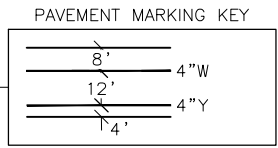
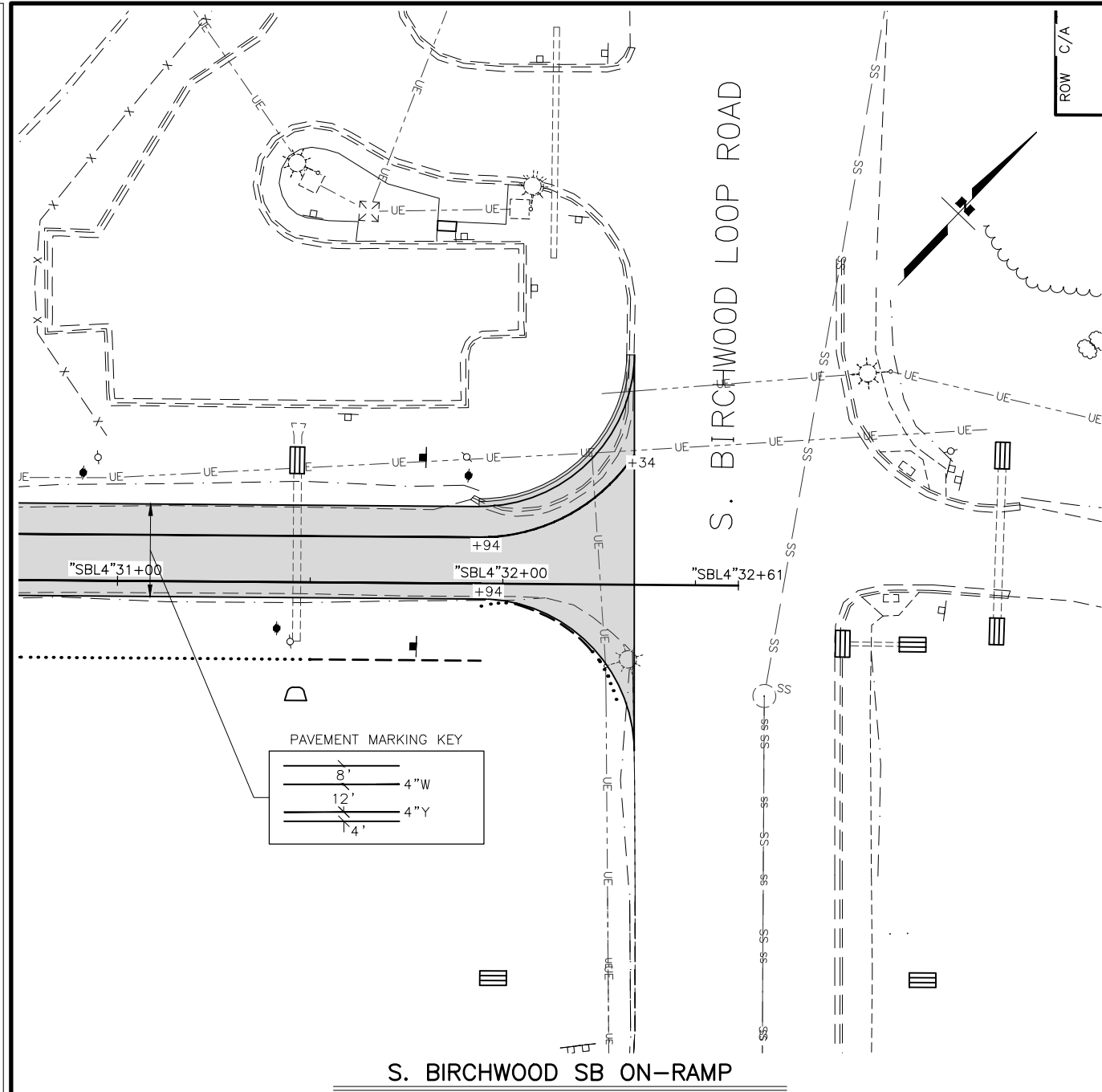
**8/29/2024**

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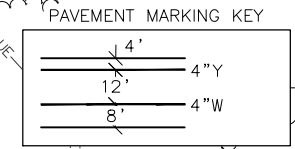
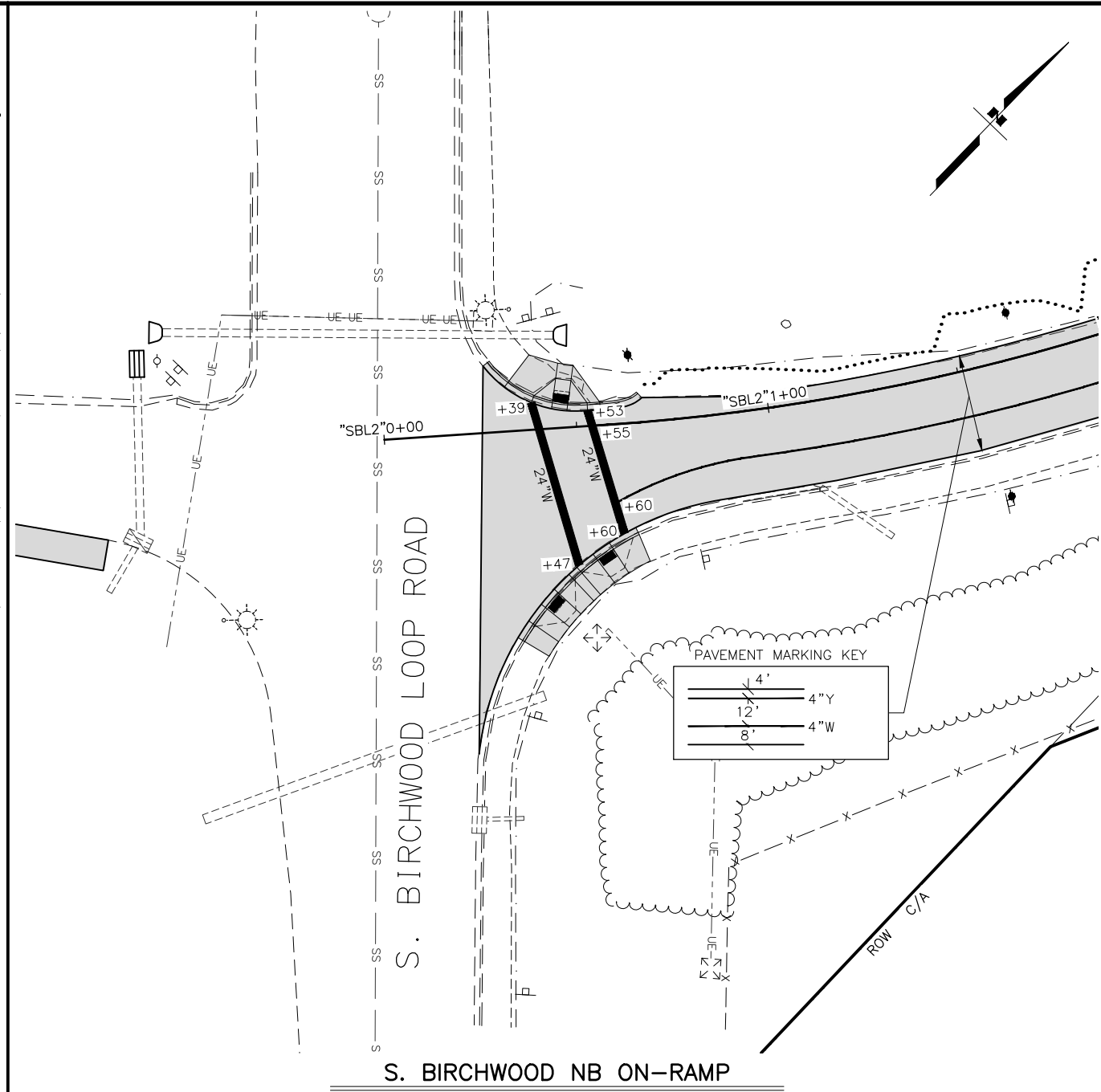
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION

**RAMP  
 INTERSECTIONS,  
 SIGNING, STRIPING,  
 AND ILLUMINATION**

DRAWING LOCATION: Z:\PROJECTS\005777\_GLENN\_HWY\_AIRPORT\_HTS\_TO\_PARKS\DWGS\C\SHEETS\00545\_H92-H94\_SSI\_RAMP\_INTERSECTIONS.DWG  
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S. BIRCHWOOD SB ON-RAMP



S. BIRCHWOOD NB ON-RAMP

PRELIMINARY

SHEET NO.	TOTAL SHEETS
H93	H100
STATE	YEAR
ALASKA	2024
PROJECT DESIGNATION	
0001656/ CFHWY00545	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

PIH

8/29/2024

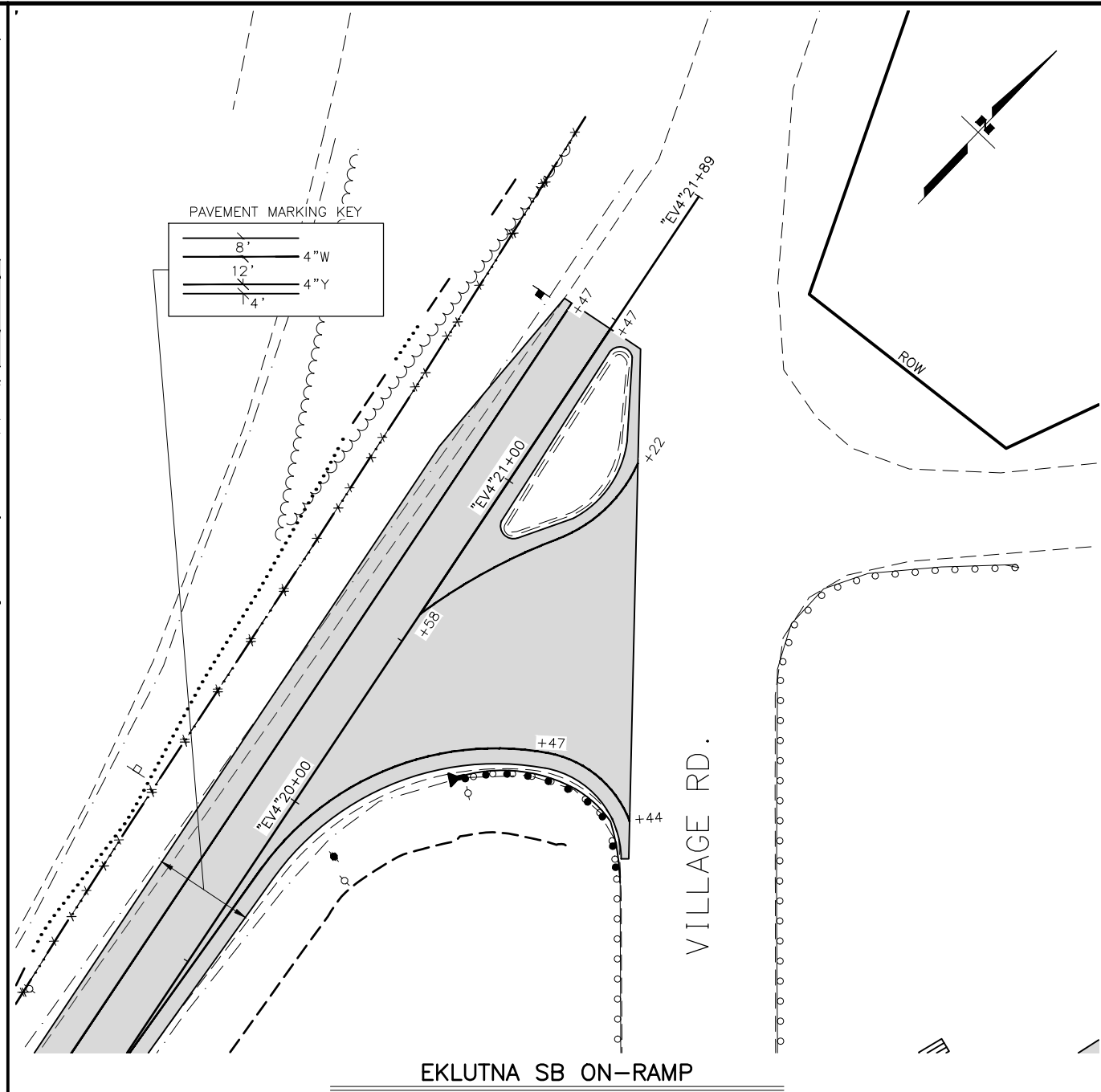
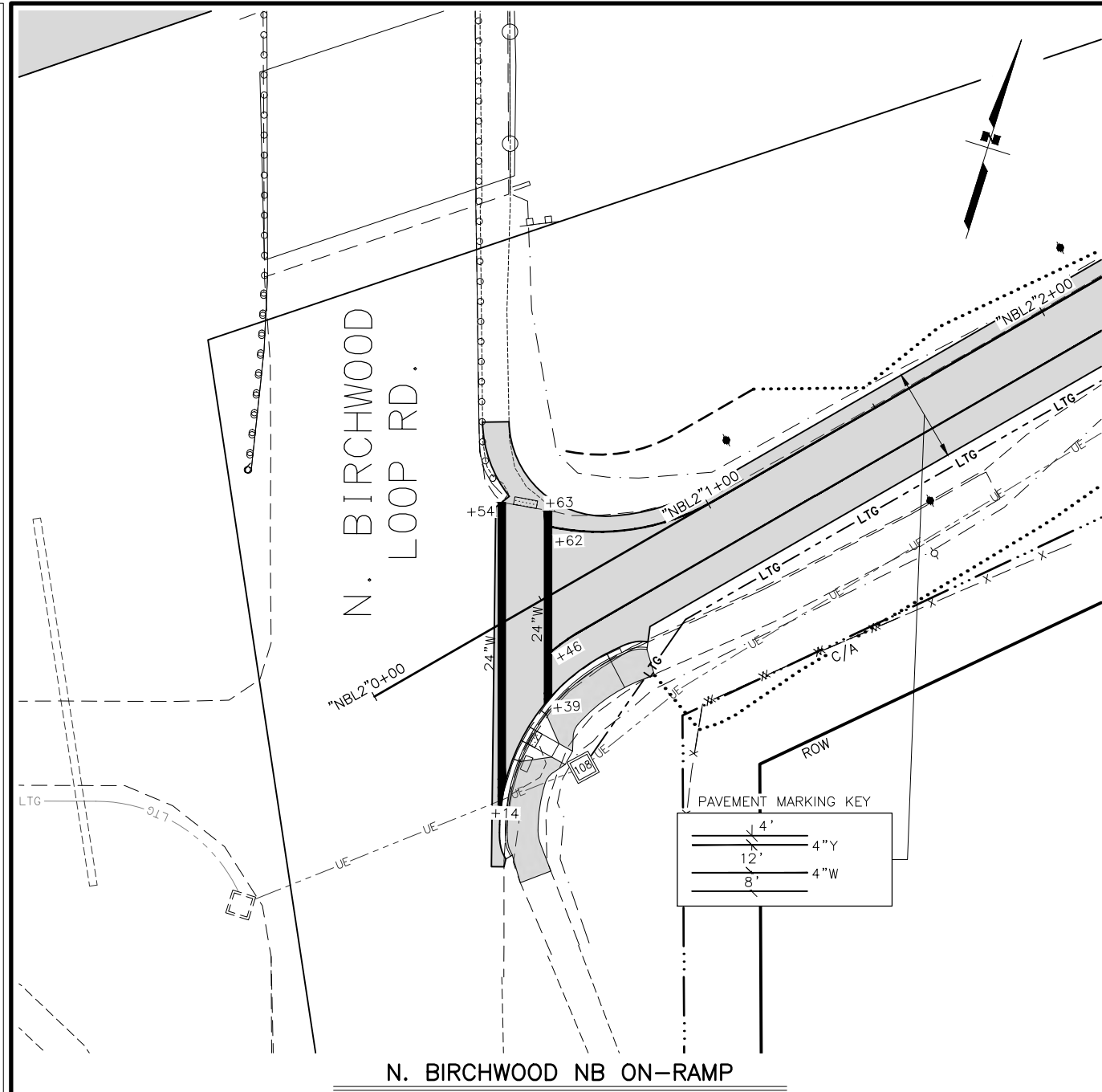
PLANS DEVELOPED BY:  
 KINNEY ENGINEERING, LLC  
 3909 Arctic Blvd, Suite 400  
 ANCHORAGE, AK 99503  
 (907) 346-2373  
 CERT. OF AUTH. NO. AECL 1102

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

**RAMP  
 INTERSECTIONS,  
 SIGNING, STRIPING,  
 AND ILLUMINATION**



DRAWING LOCATION: Z:\PROJECTS\005777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00545\_H92-H94\_SSI\_RAMP\_INTERSECTIONS.DWG  
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SHEET NO.	TOTAL SHEETS
H94	H100
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  
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 ANCHORAGE, AK 99503  
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STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 GLENN HWY: AIRPORT HEIGHTS  
 TO PARKS HWY REHABILITATION

**RAMP  
 INTERSECTIONS,  
 SIGNING, STRIPING,  
 AND ILLUMINATION**

**PRELIMINARY**

### SIGN SUMMARY

SHEET NO.	SIGN NO.	STATION ALIGNMENT	CL REF	TYPE	LEGEND	SIZE (IN)		AREA (SQ FT)	SIGN FACES	POSTS		FRAMED?		REMARKS
						WIDTH	HEIGHT			NO.	SIZE, & TYPE	YES	NO	
GLENN HIGHWAY MAINLINE														
H23	1	"G1" 10+34	RT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	W	1 - 3x3 TS		X		
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	W			X		
H23	2	"G1" 17+22	LT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	E	1 - 3x3 TS		X		
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	E			X		
H25	3	"G1" 53+43	RT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	SW	1 - 3x3 TS		X		
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	SW			X		
H25	4	"G1" 60+17	LT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	NE	1 - 3x3 TS		X		
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	NE			X		
H25	5	"G1" 69+26	RT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	W	1 - 3x3 TS		X		
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	W			X		
H25	6	"G1" 75+17	LT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	E	1 - 3x3 TS		X		
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	E			X		
H27	7	"G1" 114+82	RT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	W	1 - 3x3 TS		X		
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	W			X		
H28	8	"G1" 121+17	LT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	E	1 - 3x3 TS		X		
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	E			X		
H29	9	"G1" 152+74	RT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	W	1 - 3x3 TS		X		
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	W			X		
H29	10	"G1" 158+84	LT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	E	1 - 3x3 TS		X		
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	E			X		
H31	11	"G1" 198+04	RT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	SW	1 - 3x3 TS		X		
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	SW			X		
H31	12	"G1" 203+96	LT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	NE	1 - 3x3 TS		X		
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	NE			X		
H32	13	"G1" 244+08	RT	D7-100	ARCTIC VALLEY NEXT RIGHT	120	120	100.0	SW	2- W6-20	X			
H32	14	"G1" 248+25	RT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	SW	1 - 3x3 TS		X		
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	SW			X		
H32	15	"G1" 253+94	LT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	NE	1 - 3x3 TS		X		
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	NE			X		
H32	16	"G1" 265+64	RT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	SW	1 - 3x3 TS		X		
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	SW			X		
H32	17	"G1" 271+17	LT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	NE	1 - 3x3 TS		X		
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	NE			X		
H33	18	"G1" 308+01	RT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	SW	1 - 3x3 TS		X		
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	SW			X		
H33	19	"G1" 313+97	LT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	NE	1 - 3x3 TS		X		
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	NE			X		
H35	20	"G1" 355+41	LT	D7-100	ARCTIC VALLEY NEXT RIGHT	120	120	100.0	NE	2- W6-20	X			
H35	21	"G1" 369+44	RT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	SW	1 - 3x3 TS		X		
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	SW			X		
H35	22	"G1" 375+61	LT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	NE	1 - 3x3 TS		X		
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	NE			X		
H37	23	"G1" 477+26	RT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	SW	1 - 3x3 TS		X		
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	SW			X		
H38	24	"G1" 483+49	LT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	NE	1 - 3x3 TS		X		
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	NE			X		
H40	25	"G1" 533+93	RT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	S	1 - 3x3 TS		X		
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	S			X		
H40	26	"G1" 539+34	LT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	N	1 - 3x3 TS		X		
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	N			X		
H40	27	"G1" 556+65	RT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	S	1 - 3x3 TS		X		
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	S			X		
H41	28	"G1" 562+64	LT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	N	1 - 3x3 TS		X		
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	N			X		
H43	29	"G1" 625+41	RT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	S	1 - 3x3 TS		X		
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	S			X		
H44	30	"G1" 630+57	LT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	N	1 - 3x3 TS		X		
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	N			X		
H44	31	"G1" 643+84	RT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	SE	1 - 3x3 TS		X		
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	SE			X		

PRELIMINARY

<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>PIH</b> </div> <b>8/29/2024</b>	<p style="font-size: 8px; margin: 0;">STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES</p> <p style="font-size: 12px; margin: 0;"><b>GLENN HWY: AIRPORT HEIGHTS TO PARKS HWY REHABILITATION</b></p> <p style="font-size: 10px; margin: 0;">PLANS DEVELOPED BY: KINNEY ENGINEERING, LLC 3909 Arctic Blvd, Suite 400 ANCHORAGE, AK 99503 (907) 346-2373 CERT. OF AUTH. NO. AECL 1102</p> <p style="font-size: 12px; margin: 0;"><b>SIGN SUMMARY</b></p>
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DESIGNED BY: \_\_\_\_\_ CHECKED BY: \_\_\_\_\_ DRAFTED BY: \_\_\_\_\_  
 SCALE: \_\_\_\_\_ TIME: 8:55 PM DATE: 8/29/2024  
 DRAWING LOCATION: Z:\PROJECTS\009777 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00945\_H95-H97\_SIGN\_SUMMARY.DWG

### SIGN SUMMARY

SHEET NO.	SIGN NO.	STATION ALIGNMENT	CL REF	TYPE	LEGEND	SIZE (IN)		AREA (SQ FT)	SIGN FACES	POSTS NO., SIZE, & TYPE	FRAMED?		REMARKS
						WIDTH	HEIGHT				YES	NO	
H44	32	"G1" 649+89	LT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	NW	1 - 3x3 TS		X	
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	NW			X	
H46	33	"G1" 709+31	LT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	SW	1 - 3x3 TS		X	
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	SW			X	
H46	34	"G1" 714+68	LT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	NE	1 - 3x3 TS		X	
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	NE			X	
H48	35	"G1" 753+19	LT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	SW	1 - 3x3 TS		X	
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	SW			X	
H48	36	"G1" 758+79	LT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	NE	1 - 3x3 TS		X	
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	NE			X	
H49	37	"G1" 805+67	LT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	SW	1 - 3x3 TS		X	
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	SW			X	
H49	38	"G1" 812+00	LT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	NE	1 - 3x3 TS		X	
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	NE			X	
H51	39	"G1" 894+24	LT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	SW	1 - 3x3 TS		X	
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	SW			X	
H51	40	"G1" 900+50	LT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	NE	1 - 3x3 TS		X	
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	NE			X	
H53	41	"G1" 992+34	LT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	SW	1 - 3x3 TS		X	
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	SW			X	
H53	42	"G1" 999+25	LT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	NE	1 - 3x3 TS		X	
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	NE			X	
H54	43	"G1" 1027+00	RT	D10-102	MILE 21	12	36	3.0	SW	1 - 2.5x2.5 PT		X	
H55	44	"G1" 1048+57	RT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	SW	1 - 3x3 TS		X	
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	SW			X	
H55	45	"G1" 1055+43	LT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	NE	1 - 3x3 TS		X	
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	NE			X	
H57	46	"G1" 1104+79	RT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	S	1 - 3x3 TS		X	
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	S			X	
H57	47	"G1" 1111+65	LT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	N	1 - 3x3 TS		X	
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	N			X	
H59	48	"G1" 1143+76	RT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	S	1 - 3x3 TS		X	
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	S			X	
H59	49	"G1" 1150+62	LT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	N	1 - 3x3 TS		X	
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	N			X	
H59	50	"G1" 1167+57	RT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	SW	1 - 3x3 TS		X	
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	SW			X	
H59	51	"G1" 1174+43	LT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	NE	1 - 3x3 TS		X	
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	NE			X	
H61	52	"G1" 1224+07	RT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	SW	1 - 3x3 TS		X	
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	SW			X	
H61	53	"G1" 1230+93	LT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	NE	1 - 3x3 TS		X	
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	NE			X	
H62	54	"G1" 1275+07	RT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	SW	1 - 3x3 TS		X	
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	SW			X	
H62	55	"G1" 1281+93	LT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	NE	1 - 3x3 TS		X	
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	NE			X	
H64	56	"G1" 1319+07	RT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	SW	1 - 3x3 TS		X	
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	SW			X	
H64	57	"G1" 1325+93	LT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	NE	1 - 3x3 TS		X	
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	NE			X	
H66	58	"G1" 1443+18	RT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	SW	1 - 3x3 TS		X	
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	SW			X	
H66	59	"G1" 1450+82	LT	R3-4	NO U-TURN (SYMBOL)	30	30	6.3	NE	1 - 3x3 TS		X	
				R5-11	AUTHORIZED VEHICLES ONLY	30	24	5.0	NE			X	

DESIGNED BY: \_\_\_\_\_ CHECKED BY: \_\_\_\_\_ DRAFTED BY: \_\_\_\_\_  
 SCALE: \_\_\_\_\_ TIME: 8:55 PM DATE: 8/29/2024  
 DRAWING LOCATION: Z:\PROJECTS\00977 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00545\_H95-H97\_SIGN\_SUMMARY.DWG

PRELIMINARY


<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>PIH</b>        8/29/2024     </div>	<p style="font-size: 8px; margin: 0;">STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES</p> <p style="font-weight: bold; font-size: 12px; margin: 0;">GLENN HWY: AIRPORT HEIGHTS TO PARKS HWY REHABILITATION</p> <p style="font-size: 8px; margin: 0;">PLANS DEVELOPED BY: KINNEY ENGINEERING, LLC 3909 Arctic Blvd, Suite 400 ANCHORAGE, AK 99503 (907) 346-2373 CERT. OF AUTH. NO. AECL 1102</p> <p style="font-weight: bold; font-size: 12px; margin: 0;">SIGN SUMMARY</p>
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### SIGN SUMMARY

SHEET NO.	SIGN NO.	STATION ALIGNMENT	CL REF	TYPE	LEGEND	SIZE (IN)		AREA (SQ FT)	SIGN FACES	POSTS		FRAMED?		REMARKS
						WIDTH	HEIGHT			NO.	SIZE, & TYPE	YES	NO	
<b>D STREET (JBER) SB ON-RAMP</b>														
H73	60	"D4" 08+83	LT	R16-118	BUCKLE UP IT'S THE LAW (SYMBOL)	48	30	10.0	NE	N/A	X			INSTALL ON LIGHT POLE
H73	61	"D4" 17+28	LT	SPECIAL	VETERANS MEMORIAL PARKWAY	48	36	12.0	NE	N/A	X			INSTALL ON LIGHT POLE
H73	62	"D4" 22+05	RT	W4-1R	MERGE	48	48	16.0	NE	1 - 3x3 TS	X			
H73	63	"D4" 28+72	RT	R5-10B	NO PEDESTRIANS OR BICYCLES	30	18	3.8	NE	1 - 2x2 PT		X		
<b>D STREET (JBER) NB ON-RAMP</b>														
H74	64	"D2" 00+79	RT	R5-10B	NO PEDESTRIANS OR BICYCLES	30	18	3.8	SW	1 - 2x2 PT		X		
H74	65	"D2" 00+85	LT	R5-10B	NO PEDESTRIANS OR BICYCLES	30	18	3.8	SW	1 - 2x2 PT		X		
H74	66	"D2" 06+29	LT	W4-1R	MERGE	48	48	16.0	SW	1 - 3x3 TS	X			
H74	67	"D2" 16+58	RT	D10-101	MILE 8	12	24	2.0	SW	N/A		X		INSTALL ON LIGHT POLE
H74	68	"D2" 21+22	RT	W11-21	LARGE ANIMAL - MOOSE	48	48	16.0	SW	N/A	X			INSTALL ON LIGHT POLE
<b>NORTH EAGLE RIVER SB ON-RAMP</b>														
H76	69	"EP4" 03+30	LT	SPECIAL	EAGLE RIVER 1 MILE	162	60	67.5	NE	2 - W 6x9	X			
H76	70	"EP4" 21+45	RT	W4-1R	MERGE	48	48	16.0	NE	1 - 3x3 TS	X			
H77	71	"EP4" 32+10	LT	W4-2R	LANE ENDS	48	48	16.0	NE	1 - 3x3 TS	X			
H77	72	"EP4" 31+56	LT	R5-10B	NO PEDESTRIANS OR BICYCLES	30	18	3.8	NE	1 - 2x2 PT		X		
H77	73	"EP4" 32+10	RT	R5-10B	NO PEDESTRIANS OR BICYCLES	30	18	3.8	NE	1 - 2x2 PT		X		
<b>SOUTH BIRCHWOOD LOOP SB ON-RAMP</b>														
H78	74	"SBL4" 02+97	LT	R8-4	EMERGENCY PARKING ONLY	48	36	12.0	NE	N/A	X			INSTALL ON LIGHT POLE
				D10-102	MILE 17	12	36	3.0	NE			X		
H78	75	"SBL4" 05+97	LT	R16-118	BUCKLE UP IT'S THE LAW (SYMBOL)	48	30	10.0	NE	N/A	X			INSTALL ON LIGHT POLE
H78	76	"SBL4" 18+30	RT	W4-1R	MERGE	48	48	16.0	NE	1 - 3x3 TS	X			
H79	77	"SBL4" 29+83	RT	R1-2	YIELD	36	36	9.0	NE	1 - 2x2 PT	X			
H79	78	"SBL4" 29+85	LT	R1-2	YIELD	36	36	9.0	NE	1 - 2x2 PT	X			
H79	79	"SBL4" 31+77	RT	R5-10B	NO PEDESTRIANS OR BICYCLES	30	18	3.8	NE	1 - 2x2 PT		X		
H79	80	"SBL4" 31+79	LT	R5-10B	NO PEDESTRIANS OR BICYCLES	30	18	3.8	NE	1 - 2x2 PT		X		
<b>SOUTH BIRCHWOOD LOOP NB ON-RAMP</b>														
H80	81	"SBL2" 14+42	LT	R5-10B	NO PEDESTRIANS OR BICYCLES	30	18	3.8	S	1 - 2x2 PT		X		
H80	82	"SBL2" 16+75	LT	W4-1R	MERGE	48	48	16.0	S	1 - 3x3 TS	X			
H81	83	"SBL2" 25+39	RT	D10-102	MILE 18	12	24	2.0	S	1 - 2.5x2.5 PT		X		
<b>NORTH BIRCHWOOD LOOP SB ON-RAMP</b>														
H82	84	"NBL4" 16+89	LT	W1-4L	REVERSE CURVE LEFT	36	36	9.0	SW	1 - 2.5 P	X			
				W13-1P	25 MPH	18	18	2.3	SW			X		
H82	85	"NBL4" 17+46	RT	W4-1R	MERGE	48	48	16.0	NE	1 - 3x3 TS	X			
H82	86	"NBL4" 21+29	LT	R5-10B	NO PEDESTRIANS OR BICYCLES	30	18	3.8	NE	1 - 2x2 PT		X		
H82	87	"NBL4" 21+32	RT	R5-10B	NO PEDESTRIANS OR BICYCLES	30	18	3.8	NE	1 - 2x2 PT		X		
H82	88	"NBL4" 21+76	RT	D1-1	PALMER	78	24	13.0	NW	2 - 3x3 TS	X			
<b>NORTH BIRCHWOOD LOOP NB ON-RAMP</b>														
H83	89	"NBL2" 07+25	LT	W4-1R	MERGE	48	48	16.0	SW	1 - 3x3 TS	X			
<b>SOUTH PETERS CREEK SB ON-RAMP</b>														
H84	90	"S4" 04+11	LT	R8-4	EMERGENCY PARKING ONLY	48	36	12.0	NE	1 - 3x3 TS	X			
H84	91	"S4" 15+74	RT	W4-1R	MERGE	48	48	16.0	NE	1 - 3x3 TS	X			
H84	92	"S4" 21+42	LT	R6-1L	ONE WAY (ENCLOSED IN ARROW LEFT)	36	12	3.0	S	1 - 2x2 PT	X			
				R6-1R	ONE WAY (ENCLOSED IN ARROW RIGHT)	36	12	3.0	N	1 - 2x2 PT	X			
				R5-10B	NO PEDESTRIANS OR BICYCLES	30	18	3.8	E	1 - 2x2 PT		X		

PRELIMINARY

DESIGNED BY: \_\_\_\_\_ CHECKED BY: \_\_\_\_\_ DRAFTED BY: \_\_\_\_\_  
 SCALE: \_\_\_\_\_ TIME: 8:55 PM DATE: 8/29/2024  
 DRAWING LOCATION: Z:\PROJECTS\00977 GLENN HWY AIRPORT HTS TO PARKS HWY\DWGS\C\SHEETS\00545\_H95-H97\_SIGN\_SUMMARY.DWG

  
**8/29/2024**

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

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

SIGN SUMMARY



NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001656/CFHWY00545 <del>0A16056/CFHWY01033</del>	2024	H98	H100

### SIGN SUMMARY

SHEET NO.	SIGN NO.	STATION ALIGNMENT	CL REF	TYPE	LEGEND	SIZE (IN)		AREA (SQ FT)	SIGN FACES	POSTS NO., SIZE, & TYPE	FRAMED?		REMARKS
						WIDTH	HEIGHT				YES	NO	
SOUTH PETERS CREEK NB ON- RAMP													
H85	93	"S2" 07+97	LT	W4-1R	MERGE	48	48	16.0	SW	1 - 3x3 TS	X		
H85	94	"S2" 18+87	RT	R8-4	EMERGENCY PARKING ONLY	48	36	12.0	SW	1 - 3x3 TS	X		
NORTH PETERS CREEK SB ON-RAMP													
H86	95	"L4" 03+19	LT	R8-4	EMERGENCY PARKING ONLY	48	48	16.0	N	1 - 3x3 TS	X		
H86	96	"L4" 15+73	RT	W4-1R	MERGE	48	36	12.0	N	1 - 3x3 TS	X		
NORTH PETERS CREEK NB ON-RAMP													
H87	97	"L2" 05+57	LT	W4-1R	MERGE	48	48	16.0	S	1 - 3x3 TS	X		
MIRROR LAKE SB ON-RAMP													
H88	98	"P4" 14+52	RT	W4-1R	MERGE	48	48	16.0	NE	1 - 3x3 TS	X		
EKLUNTA SB ON-RAMP													
H89	99	"EV4" 03+90	LT	W11-21	LARGE ANIMAL - MOOSE	48	48	16.0	NE	1 - 3x3 TS	X		
				W7-3aP	NEXT 3 MILES	30	24	5.0	NE				X
H89	100	"EV4" 15+70	RT	W4-1R	MERGE	48	48	16.0	NE	1 - 3x3 TS	X		
EKLUNTA NB ON-RAMP													
H90	101	"EV2" 04+80	LT	W4-1R	MERGE	48	48	16.0	SW	1 - 3x3 TS	X		
OLD GLENN SB ON-RAMP													
H91	102	"OG6A" 03+92	LT	W11-21	LARGE ANIMAL - MOOSE	48	48	16.0	E	N/A	X		INSTALL ON LIGHT POLE
				D10-102	MILE 29	12	36	3.0	E				
						TOTAL		1373.0					

DESIGNED BY  
CHECKED BY  
DRAFTED BY

SCALE

DATE  
8/29/2024 8:55 PM

DRAWING LOCATION  
Z:\PROJECTS\00977 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C SHEETS\00945\_H95-H97-SIGN\_SUMMARY.DWG

PRELIMINARY

<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>PIH</b> </div> <b>8/29/2024</b>	<p style="font-size: 8px; margin: 0;">STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES</p> <p style="font-weight: bold; font-size: 12px; margin: 5px 0;">GLENN HWY: AIRPORT HEIGHTS TO PARKS HWY REHABILITATION</p> <p style="font-weight: bold; font-size: 14px; margin: 0;">SIGN SUMMARY</p>
PLANS DEVELOPED BY: KINNEY ENGINEERING, LLC 3909 Arctic Blvd, Suite 400 ANCHORAGE, AK 99503 (907) 346-2373 CERT. OF AUTH. NO. AECL 1102	

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001656/CFHWY00545 <del>0A16056/CFHWY01033</del>	2024	H99	H100

SALVAGE SIGN SUMMARY					
STATION ALIGNMENT	CL REF	TYPE	LEGEND	SIGN FACE	REMARKS
<b>GLEN HIGHWAY MAINLINE</b>					
"G1" 143+29	4 RT	R3-4	NO U-TURN (SYMBOL)	W	
		R3-100	EMERGENCY VEHICLES EXEMPT	W	
"G1" 144+84	3 LT	R3-4	NO U-TURN (SYMBOL)	E	
		R3-100	EMERGENCY VEHICLES EXEMPT	E	
"G1" 192+63	5 RT	R3-4	NO U-TURN (SYMBOL)	SW	
		R3-100	EMERGENCY VEHICLES EXEMPT	SW	
"G1" 194+39	4 LT	R3-4	NO U-TURN (SYMBOL)	NE	
		R3-100	EMERGENCY VEHICLES EXEMPT	NE	
"G1" 265+86	6 RT	R3-4	NO U-TURN (SYMBOL)	SW	
		R3-100	EMERGENCY VEHICLES EXEMPT	SW	
"G1" 269+25	6 LT	R3-4	NO U-TURN (SYMBOL)	NE	
		R3-100	EMERGENCY VEHICLES EXEMPT	NE	
"G1" 378+67	3 RT	R3-4	NO U-TURN (SYMBOL)	SW	
		R3-100	EMERGENCY VEHICLES EXEMPT	SW	
"G1" 380+05	5 LT	R3-4	NO U-TURN (SYMBOL)	NE	
		R3-100	EMERGENCY VEHICLES EXEMPT	NE	
"G1" 418+67	10 RT	R3-4	NO U-TURN (SYMBOL)	S	
		R3-100	EMERGENCY VEHICLES EXEMPT	S	
"G1" 420+23	20 LT	R3-4	NO U-TURN (SYMBOL)	N	
		R3-100	EMERGENCY VEHICLES EXEMPT	N	
"G1" 478+50	11 RT	R3-4	NO U-TURN (SYMBOL)	SW	
		R3-100	EMERGENCY VEHICLES EXEMPT	SW	
"G1" 482+28	5 LT	R3-4	NO U-TURN (SYMBOL)	NE	
		R3-100	EMERGENCY VEHICLES EXEMPT	NE	
"G1" 707+28	16 LT	R3-4	NO U-TURN (SYMBOL)	SW	
		R3-100	EMERGENCY VEHICLES EXEMPT	SW	
"G1" 708+25	28 LT	R3-4	NO U-TURN (SYMBOL)	NE	
		R3-100	EMERGENCY VEHICLES EXEMPT	NE	
"G1" 940+38	7 LT	R3-4	NO U-TURN (SYMBOL)	SW	
		R3-100	EMERGENCY VEHICLES EXEMPT	SW	
"G1" 941+58	28 LT	R3-4	NO U-TURN (SYMBOL)	NE	
		R3-100	EMERGENCY VEHICLES EXEMPT	NE	
"G1" 993+40	8 LT	R3-4	NO U-TURN (SYMBOL)	SW	
		R3-100	EMERGENCY VEHICLES EXEMPT	SW	
"G1" 994+42	19 LT	R3-4	NO U-TURN (SYMBOL)	NE	
		R3-100	EMERGENCY VEHICLES EXEMPT	NE	
"G1" 1108+95	7 RT	R3-4	NO U-TURN (SYMBOL)	SW	
		R3-100	EMERGENCY VEHICLES EXEMPT	SW	
"G1" 1111+09	6 LT	R3-4	NO U-TURN (SYMBOL)	NE	
		R3-100	EMERGENCY VEHICLES EXEMPT	NE	
"G1" 1231+94	5 RT	R3-4	NO U-TURN (SYMBOL)	SW	
		R3-100	EMERGENCY VEHICLES EXEMPT	SW	
"G1" 1234+22	9 LT	R3-4	NO U-TURN (SYMBOL)	NE	
		R3-100	EMERGENCY VEHICLES EXEMPT	NE	
"G1" 1395+85	10 RT	R3-4	NO U-TURN (SYMBOL)	W	
		R3-100	EMERGENCY VEHICLES EXEMPT	W	
"G1" 1396+84	10 LT	R3-4	NO U-TURN (SYMBOL)	E	
		R3-100	EMERGENCY VEHICLES EXEMPT	E	
"G1" 1452+02	7 RT	R3-4	NO U-TURN (SYMBOL)	SW	
		R3-100	EMERGENCY VEHICLES EXEMPT	SW	
"G1" 1453+14	20 LT	R3-4	NO U-TURN (SYMBOL)	NE	
		R3-100	EMERGENCY VEHICLES EXEMPT	NE	
<b>D STREET (JBER) SB ON-RAMP</b>					
"D4" 08+83	26' LT	R16-118	BUCKLE UP IT'S THE LAW	NE	
"D4" 17+28	34' LT	SPECIAL	VETERANS MEMORIAL PARKWAY	NE	
"D4" 22+05	12' RT	W4-1R	MERGE	NE	
"D4" 28+72	37' RT	R5-10B	PEDESTRIANS AND BICYCLES PROHIBITED	NE	

SALVAGE SIGN SUMMARY					
STATION ALIGNMENT	CL REF	TYPE	LEGEND	SIGN FACE	REMARKS
<b>D STREET (JBER) NB ON-RAMP</b>					
"D2" 00+79	35' RT	R5-10B	PEDESTRIANS AND BICYCLES PROHIBITED	SW	
"D2" 00+85	19' LT	R5-10B	PEDESTRIANS AND BICYCLES PROHIBITED	SW	
"D2" 06+82	7' LT	W4-1R	MERGE	SW	
"D2" 16+56	37' RT	D10-101	MILEPOST SIGN	SW	MOUNTED ON LIGHT POLE
"D2" 21+20	23' RT	W11-21	LARGE ANIMAL - MOOSE	SW	MOUNTED ON LIGHT POLE
<b>NORTH EAGLE RIVER SB ON-RAMP</b>					
"EP4" 03+30	32' LT	SPECIAL	EAGLE RIVER 1 MILE	NE	
"EP4" 21+45	18' RT	W4-1R	MERGE	NE	
"EP4" 31+56	38' LT	R5-10B	NO PEDESTRIANS OR BICYCLES	NE	
"EP4" 32+10	8' RT	R5-10B	NO PEDESTRIANS OR BICYCLES	NE	
"EP4" 32+10	45' LT	W4-2	LANE ENDS	NE	
<b>SOUTH BIRCHWOOD LOOP SB ON-RAMP</b>					
"SBL4" 02+97	39' LT	R8-4	EMERGENCY PARKING ONLY	NE	MOUNTED ON LIGHT POLE
		D10-102	MILE 17	NE	
"SBL4" 05+97	34' LT	R16-118	BUCKLE UP IT'S THE LAW	NE	MOUNTED ON LIGHT POLE
"SBL4" 18+30	15' RT	W4-1R	MERGE	NE	
"SBL4" 29+83	16' RT	R1-2	YIELD	NE	
"SBL4" 29+85	30' LT	R1-2	YIELD	NE	
"SBL4" 31+77	16' RT	R5-10B	NO PEDESTRIANS OR BICYCLES	NE	
"SBL4" 31+79	33' LT	R5-10B	NO PEDESTRIANS OR BICYCLES	NE	
<b>SOUTH BIRCHWOOD LOOP NB ON-RAMP</b>					
"SBL2" 14+42	13' LT	R5-10B	NO PEDESTRIANS OR BICYCLES	S	
"SBL2" 16+75	12' LT	W4-1R	MERGE	S	
"SBL2" 25+39	31' RT	D10-101	MILEPOST SIGN	S	
<b>NORTH BIRCHWOOD LOOP SB ON-RAMP</b>					
"NBL4" 16+89	32' LT	W1-4L	REVERSE CURVE LEFT	SW	
	00+00.0	W13-1P	25 MPH	SW	
"NBL4" 17+46	16' RT	W4-1R	MERGE	NE	
"NBL4" 21+29	39' LT	R5-10B	NO PEDESTRIANS OR BICYCLES	NE	
<b>NORTH BIRCHWOOD LOOP NB ON-RAMP</b>					
"NBL2" 07+81	14' LT	W4-1R	MERGE	SW	
<b>SOUTH PETERS CREEK SB ON-RAMP</b>					
"S4" 04+11	22' LT	R8-4	EMERGENCY PARKING ONLY	NE	
"S4" 15+74	17' RT	W4-1R	MERGE	NE	
"S4" 21+42	43' LT	R6-1	ONE WAY	NE	

DESIGNED BY: [ ] CHECKED BY: [ ] DRAFTED BY: [ ]  
 SCALE: [ ] TIME: 10:33 AM DATE: 9/5/2024  
 DRAWING LOCATION: Z:\PROJECTS\00977 GLENN HWY AIRPORT HTS TO PARKS HWY SHEETS\00945\_H95-H97\_SIGN\_SUMMARY.DWG

PRELIMINARY

**PIH**

**9/5/2024**

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**

**SALVAGE SIGN SUMMARY**

Z:\PROJECTS\00577 GLENN HWY AIRPORT HTS TO PARKS\DWGS\C\SHEETS\00545\_H95-H97-SIGN\_SUMMARY.DWG  
 DRAWING LOCATION  
 DATE 9/5/2024 TIME 10:33 AM  
 SCALE  
 DESIGNED BY  
 CHECKED BY  
 DRAFTED BY

SALVAGE SIGN SUMMARY					
STATION ALIGNMENT	CL REF	TYPE	LEGEND	SIGN FACE	REMARKS
<b>SOUTH PETERS CREEK NB ON-RAMP</b>					
"S2" 07+83	15' LT	W4-1R	MERGE	SW	
"S2" 18+87	23' RT	R8-4	EMERGENCY PARKING ONLY	SW	
<b>NORTH PETERS CREEK SB ON-RAMP</b>					
"L4" 03+19	21' LT	R8-4	EMERGENCY PARKING ONLY	N	
"L4" 15+73	13' RT	W4-1R	MERGE	N	
<b>NORTH PETERS CREEK NB ON-RAMP</b>					
"L2" 05+88	16' LT	W4-1R	MERGE	S	
<b>MIRROR LAKE SB ON-RAMP</b>					
"P4" 14+51	17' RT	W4-1R	MERGE	NE	
<b>EKLUNTA SB ON-RAMP</b>					
"EV4" 03+91	29' LT	W11-21	LARGE ANIMAL - MOOSE	NE	
		W16-4P	NEXT 3 MILES	NE	
"EV4" 15+70	10' RT	W4-1R	MERGE	NE	
<b>EKLUNTA NB ON-RAMP</b>					
"EV2" 06+76	4' RT	W4-1R	MERGE	SW	
<b>OLD GLENN SB ON-RAMP</b>					
"OG6A" 03+91	42' LT	W11-21	LARGE ANIMAL - MOOSE	E	MOUNTED ON LIGHT POLE
		D10-102	MILE 29	E	

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001656/CFHWY00545 <del>0A16056/CFHWY01033</del>	2024	H100	H100

PRELIMINARY

<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>PIH</b> </div> <b>9/5/2024</b>	<p style="font-size: 8px; margin: 0;">STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES</p> <p style="font-weight: bold; font-size: 12px; margin: 5px 0;">GLENN HWY: AIRPORT HEIGHTS TO PARKS HWY REHABILITATION</p> <p style="font-weight: bold; font-size: 12px; margin: 10px 0;">SALVAGE SIGN SUMMARY</p>
PLANS DEVELOPED BY: KINNEY ENGINEERING, LLC 3909 Arctic Blvd, Suite 400 ANCHORAGE, AK 99503 (907) 346-2373 CERT. OF AUTH. NO. AECL 1102	