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8/29/2025

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STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

PROPOSED HIGHWAY PROJECT

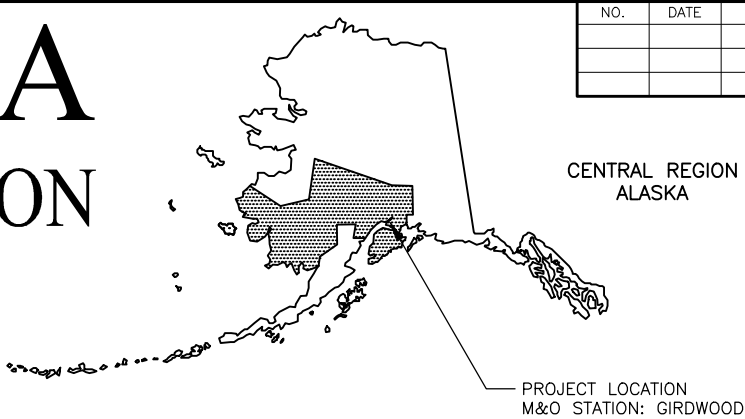
SEWARD HIGHWAY MP 90-99

PAVEMENT PRESERVATION PHASE 2 AND

CAMP ROAD CULVERT REHABILITATION

PROJECT NO. 0A31066/CFHWY00850

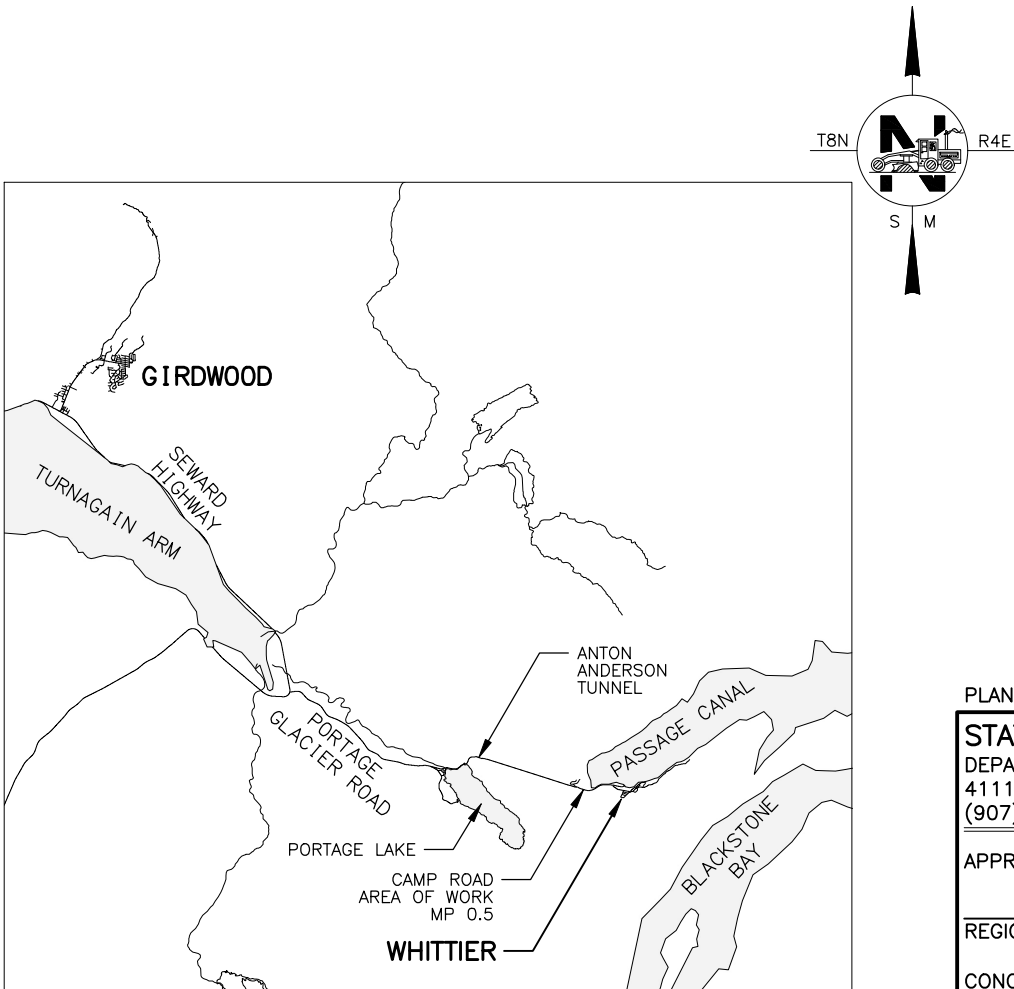
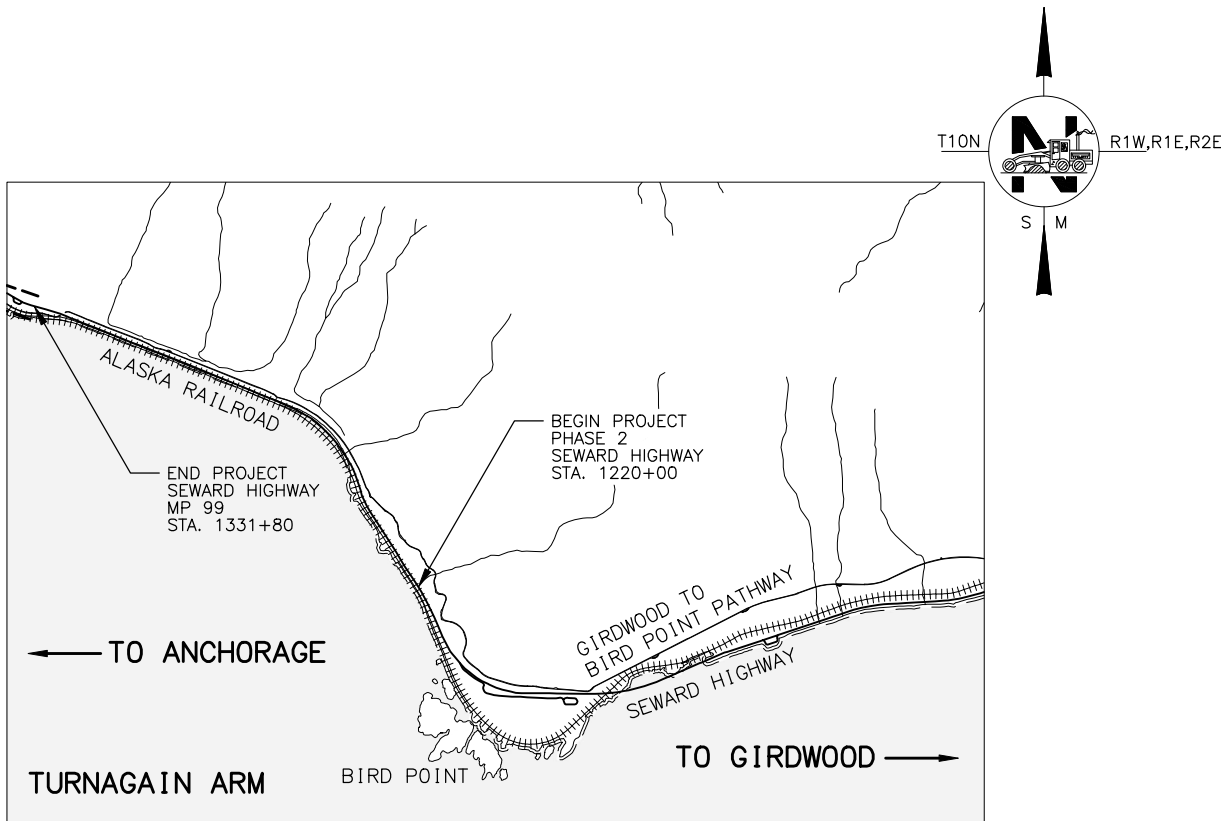
PAVING, DRAINAGE, SIGNING, AND STRIPING



NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0A31066/CFHWY00850	2025	A1	A13
ROUTE ID		1020000X000	MILEPOINT	95.9610 - 98.0027			
LATITUDE		60.935117	LONGITUDE	-149.299653			

PROJECT SUMMARY		
ROADWAY	WIDTH	LENGTH
SEWARD HIGHWAY	38-64 FT	2 MILES
CAMP ROAD	34 FT	90 FT

DESIGN DESIGNATIONS			
ROADWAY	FUNCTIONAL CLASS	AADT (2022)	DESIGN SPEED
SEWARD HIGHWAY MP 97.0-99.0	INTERSTATE	7,430	70 MPH
CAMP ROAD MP 0.5	MINOR ARTERIAL	1,170	40 MPH



PLANS IN HAND

PLANS DEVELOPED BY: LOUNSBURY & ASSOCIATES INC

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

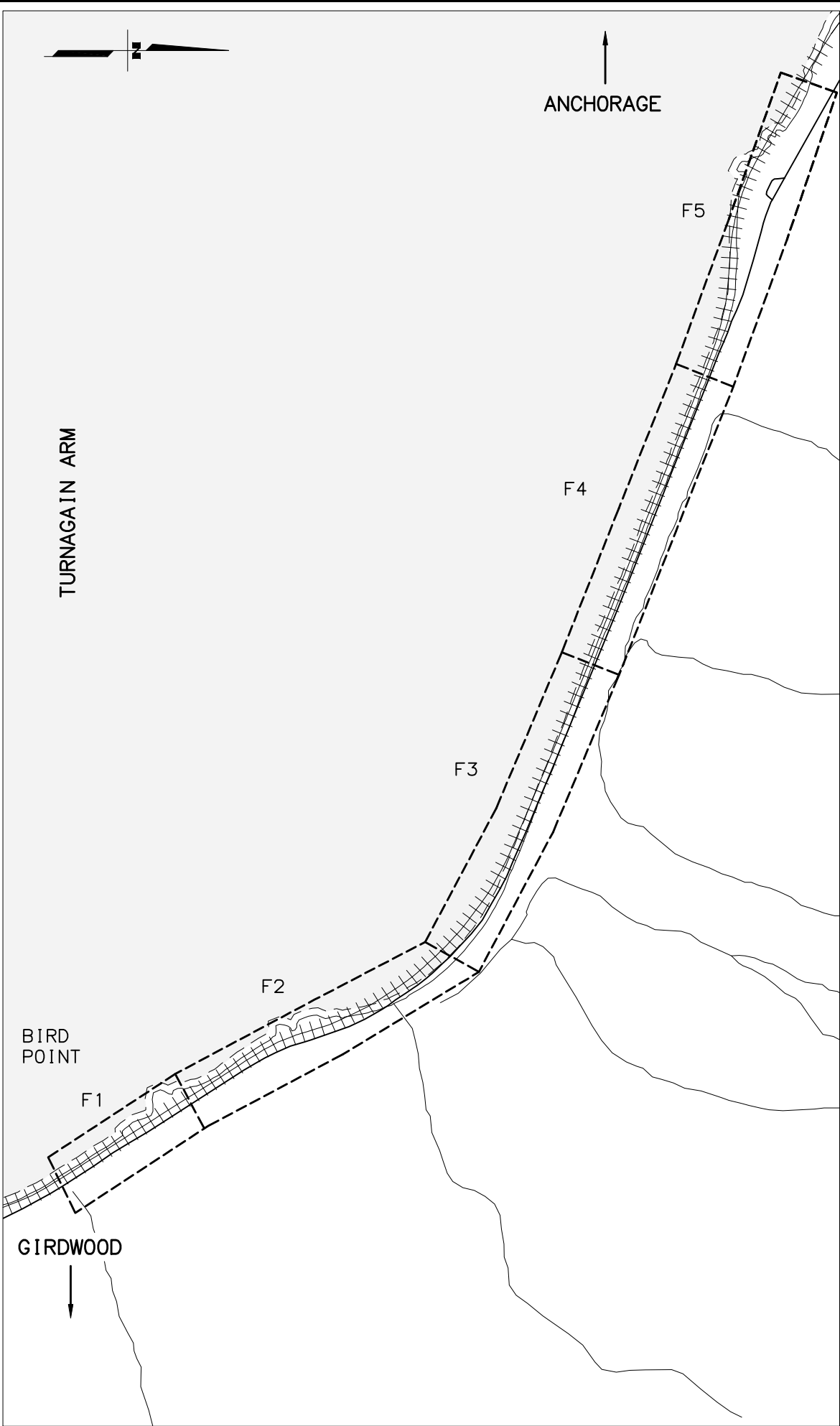
APPROVED:

REGIONAL PRECONSTRUCTION ENGINEER DATE

CONCUR:

REGIONAL CONSTRUCTION ENGINEER DATE

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0A31066/CFHWY00850	2025	A2	A13



GENERAL NOTES:

- ALL CONSTRUCTION SHALL BE CONTAINED WITHIN THE RIGHT-OF-WAY, TEMPORARY CONSTRUCTION EASEMENTS, AND TEMPORARY CONSTRUCTION PERMITS. NO EXCESS MATERIAL SHALL BE DISPOSED OF WITHIN THE RIGHT-OF-WAY, UNLESS SPECIFICALLY CALLED FOR IN THE PLANS OR DIRECTED BY THE ENGINEER.
- THE RIGHT-OF-WAY LINES SHOWN WERE TAKEN FROM ALASKA DOT&PF PROJECT SEWARD HIGHWAY RIGHT OF WAY STUDY MP 90-97 0A31 (051), PROJECT NUMBER 59765, AND ALASKA DOT&PF PROJECT SEWARD HIGHWAY RIGHT OF WAY STUDY MP 97-105 0A31 (051), PROJECT NUMBER 59765 AND WERE INSERTED INTO THE PLANS USING A COMMON COORDINATE SYSTEM. THE LOCATION OF THE RIGHT-OF-WAY LINES HAVE NOT BEEN SURVEYED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION OF, AND STAY WITHIN, THE RIGHT-OF-WAY.
- ALL PAVEMENT CUTS SHALL BE MADE WITH A SAW OR ALTERNATE METHOD APPROVED BY THE ENGINEER.
- CLEARING LIMITS SHALL BE AS SHOWN IN PLANS OR AS DIRECTED BY ENGINEER.
- PLACE 4" TOPSOIL AND SEED ON ANY AREAS DISTURBED BY CONSTRUCTION AND AS DIRECTED BY THE ENGINEER.
- THE EXISTING INFORMATION SHOWN IN THE PLANS IS FROM AS-BUILTS AND HAS BEEN PARTIALLY FIELD VERIFIED. FIELD CONDITIONS MAY NOT BE ACCURATELY REPRESENTED AND/OR MAY HAVE CHANGED. ADJUST INSTALLATIONS AS DIRECTED BY THE ENGINEER.
- ADJUST ALL PAVEMENT PENETRATIONS TO FINAL GRADE PRIOR TO TOP LIFT OF PAVING.

IF ANY PAVEMENT PENETRATION REQUIRES GRADE ADJUSTMENT AFTER FINAL LIFT PAVING, AS DETERMINED BY THE ENGINEER, SAW CUT A NEAT LINE ALONG THE PAVEMENT TO BE REMOVED. USE AN INFRARED HEATER TO HEAT THE EXISTING PAVEMENT; EQUIPMENT AND MAXIMUM TEMPERATURE SHALL BE APPROVED BY THE ENGINEER. REPLACE THE REMOVED ASPHALT WITH NEW HOT MIX ASPHALT AND THOROUGHLY COMPACT. SEAL JOINTS, AT LEAST 12 INCHES WIDE CENTERED ON JOINT, USING ASPHALT SYSTEMS GSB-88, OR APPROVED EQUAL, WHILE THE HOT MIX ASPHALT IS CLEAN, FREE OF MOISTURE AND PRIOR TO STRIPING.

THERE SHALL BE NO PAYMENT FOR ADDITIONAL WORK CAUSED BY FAILURE TO ADJUST PAVEMENT PENETRATIONS TO FINAL GRADE.

ABBREVIATIONS

&	AND
CL	CENTERLINE
AADT	AVERAGE ANNUAL DAILY TRAFFIC
AARC	ALASKA RAILROAD
AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
ADA	AMERICANS WITH DISABILITIES ACT
ALL REQ'D	ALL REQUIRED
ASP	ALASKA STANDARD PLAN
AVE	AVENUE
BOP	BEGINNING OF PROJECT
CIPP	CURED IN PLACE PIPE
CL	CENTERLINE
CSP	CORRUGATED STEEL PIPE
CS	CONTINGENT SUM
CY	CUBIC YARD
DIA	DIAMETER
DOT&PF	DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
DY	DOUBLE YELLOW
EA	EACH
EOP	END OF PROJECT
FT	FEET
HMA	HOT MIXED ASPHALT
HR	HOUR
IN	INCH
LF	LINEAR FOOT
LH	LECTURE HOURS
LT	LEFT
ME	MATCH EXISTING
MP	MILEPOST
MPH	MILES PER HOUR
NO	NUMBER
NTS	NOT TO SCALE
PC	POINT OF CURVE

INDEX

SHEET NO.	DESCRIPTION
A1	TITLE SHEET
A2	SHEET LAYOUT, INDEX, AND GENERAL NOTES
A3	LEGEND
A4-A13	SURVEY CONTROL
B1	TYPICAL SECTIONS
C1	ESTIMATE OF QUANTITIES
D1-D3	SUMMARY TABLES
E1-E8	DETAIL SHEETS
F1-F5	ROAD PLAN SHEETS
H1-H9	SIGNING AND STRIPING SHEETS
J1-J7	TRAFFIC CONTROL

THE FOLLOWING CENTRAL REGION STANDARD DETAILS APPLY TO THIS PROJECT:

CR-T-01.20

IN THE EVENT OF CONFLICT, CENTRAL REGION STANDARD DETAILS SUPERSEDE ALASKA STANDARD PLANS, STANDARD MODIFICATIONS, AND STANDARD SPECIFICATIONS. PLANS AND SPECIAL PROVISIONS SUPERSEDE CENTRAL REGION STANDARD DETAILS.

THE FOLLOWING ALASKA STANDARD PLANS APPLY TO THIS PROJECT:

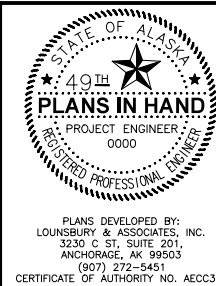
C-04.12, C-05.20
D-01.02, D-04.22
M-13.01, M-16.01, M-25.00
S-00.12, S-05.02, S-30.05, S-31.02, S-32.02
T-05.10, T-06.00, T-20.04, T-21.04, T-22.04, T-25.10

SPECIFICATION:

CONSTRUCT THE IMPROVEMENTS COVERED BY THESE PLANS IN ACCORDANCE WITH THE ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES 2020 STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AND THE PROJECT SPECIAL PROVISIONS.

ABBREVIATIONS

PI	POINT OF INTERSECTION
PT	POINT OF TANGENT
ROW	RIGHT OF WAY
RT	RIGHT
STA	STATION
SWPPP	STORMWATER POLLUTION PREVENTION PLAN
SY	SQUARE YARD
TYP	TYPICAL
UNK	UNKNOWN
W	WHITE
Y	YELLOW



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

SEWARD HIGHWAY MP 90-99
PAVEMENT PRESERVATION
PHASE 2

SHEET LAYOUT, INDEX,
ABBREVIATIONS, AND
GENERAL NOTES

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2:25 PM

DRAWING LOCATION
D:\PWISEFILE\DM50564\PL-23-004-02-A SHEETS LEGEND PH2.DWG

ROADWAY

	EXISTING	PROPOSED
EDGE OF PAVEMENT		
ASPHALT		
LIMIT OF CUT SLOPE & FILL SLOPE		
GRAVEL EDGE		
SIDEWALK AND PATH/TRAIL		
CONCRETE CURB & GUTTER		
CONCRETE CURB CUT		
PARALLEL CURB RAMP PERPENDICULAR CURB RAMP		
DIRECTIONAL CURB RAMP & MID-BLOCK CURB RAMP		
DETECTABLE WARNING TILE		
BRIDGE		
TUNNEL		
GUARDRAIL		
END & PARALLEL END SECTIONS		
ROADWAY OBLITERATION		
REMOVAL OF PAVEMENT		
FENCE		
STONE FENCE		
NOISE BARRIER		
RETAINING WALL		
HEADWALL & WINGWALL		
BOTTOM OF DITCH		
SPECIAL DITCH		
FLAT BOTTOM DITCH		
BERM		
RIPRAP		
BOULDER OR BOULDERS		
PRIVATE SIGN, MAILBOX		
POST, BOLLARD		
CLEARING AND GRUBBING		

UTILITIES

	EXISTING	PROPOSED
STORM DRAIN		
STORM DRAIN MANHOLE, CLEANOUT		
CURB INLET CATCH BASIN FIELD INLET CATCH BASIN		
PIPE CULVERT WITH END SECTION		
SANITARY SEWER		
SANITARY SEWER MANHOLE, CLEANOUT		
SEPTIC VENT, SEWER SERVICE CONNECTION		
WATER		
FIRE HYDRANT, VALVE OR RISER		
WELL, WATER SERVICE CONNECTION		
NATURAL GAS		
OIL OR GASOLINE PIPELINE		
TANKS (ABOVE GROUND, UNDERGROUND)		
ELECTRIC		
UTILITY POLE, POLE WITH LUMINAIRE		
GUY POLE, GUY WIRE ANCHOR		
TRANSMISSION TOWER (WOOD, STEEL)		
ELECTRIC PEDESTAL, TRANSFORMER		
ELECTRIC MANHOLE, METER		
ELECTRIC OUTLET, LANDSCAPE LIGHT		
TELEPHONE		
TELEPHONE MANHOLE, PEDESTAL		
FIBER OPTIC		
FIBER OPTIC MANHOLE		
CABLE TV		
CABLE TV PEDESTAL, SATELLITE DISH		
UNDERGROUND DUCT, UTILIDOR (ELECTRIC, TELEPHONE, FIBER OPTIC)		
VENT		
OVERHEAD UTILITY		

TRAFFIC

	EXISTING	PROPOSED
LOAD CENTER		
STATE TRAFFIC, MOA TRAFFIC, & BEACON CONTROLLER ARROW INDICATES DOOR LOCATION		
TYPE 1A, II, III, IV JUNCTION BOX		
FIBER OPTIC VAULT		
ELECTROLIER		
HIGHTOWER		
SIGNAL POLE WITH MASTARM		
PEDESTRIAN PUSH BUTTON & SIGNAL		
VEHICULAR SIGNAL		
VEHICULAR SIGNAL LEFT & RIGHT		
OPTICAL, CAMERA, RADAR, AND GPS DETECTOR		
LOOP DETECTOR		
COMMUNICATION ANTENNA		
MASTARM BEACON		
RURAL & SCHOOL ZONE BEACON		
LOOP DETECTOR CONDUIT		
SIGNAL CONDUIT		
LIGHTING CONDUIT		
SIGNAL & LIGHTING CONDUIT		
CONDUIT BORING		
CONDUIT SIZE IN INCHES		
INTERCONNECT		
SIGN POST		

PAVEMENT MARKINGS

	PROPOSED
TRAFFIC PROJECT CENTERLINE	
8" & 4" WHITE SOLID STRIPE	
4" WHITE SKIP STRIPE 10' STRIPES AND 30' SPACES	
8" WHITE LANE GUIDE SKIP LANE CONTINUATION OR TURN SKIP 1' STRIPES AND 3' SPACES	
4" WHITE SPECIAL SKIP STRIPE 3' STRIPES AND 9' SPACES	
8" & 4" YELLOW SOLID STRIPE	
4" YELLOW SKIP STRIPE 10' STRIPES AND 30' SPACES	
STRIPING CHANGE STATION INTERVAL	
2' CROSSWALK OR STOPBAR	
LONGITUDINAL CROSSWALK WITH GAPS 2' WIDE RINGS WITH 2' SPACES ALIGNED TO AVOID TIRE PATHS	
TYPICAL PAINTED MEDIAN	

RIGHT-OF-WAY

	RECOVERED	SET THIS PROJECT
FEDERAL GOV'T SURVEY MONUMENT		
GOV'T CONTROL STATION		
PRIMARY MONUMENT (BRASS/AL CAP)		
MISC SECONDARY CORNER		
PRIMARY CENTERLINE MONUMENT		
SECONDARY CENTERLINE MONUMENT		
RANDOM CONTROL MONUMENT		
PRIMARY GPS CONTROL POINT		
HORIZONTAL CONTROL POINT		
SECONDARY CONTROL POINT		
VERTICAL BENCHMARK		
TEMPORARY BENCHMARK		
TOWNSHIP AND RANGE LINES		
SECTION LINE		
1/4 SECTION LINE		
1/16 SECTION LINE		
CORPORATE or CITY LIMITS		
EXISTING RIGHT-OF-WAY		
RIGHT-OF-WAY OR EASEMENT REQUIRED		
ALASKA RAILROAD RIGHT-OF-WAY LINE		
PROJECT RIGHT-OF-WAY LINE		
EXISTING RIGHT-OF-WAY EASEMENT		
EXISTING PROPERTY LINE		
CONTROLLED ACCESS LINE		
EXISTING UTILITY EASEMENT		
PROPOSED UTILITY EASEMENT		
EXISTING CENTERLINE		
RAILROAD CENTERLINE		
TEMPORARY CONSTRUCTION EASEMENT		
TEMPORARY CONSTRUCTION PERMIT		

TOPOGRAPHY

	EXISTING	PROPOSED
LAKE OR POND, WETLANDS		
TREE (CONIFER/DECIDUOUS) TREELINE (EDGE OF VEGETATION)		
VEGETATION		
PLANTER		
BUILDING OR FOUNDATION		
CONTOUR, MAJOR OR MINOR		
DRAINAGE FLOW		
CREEK (CENTERLINE)		
RIVER (EDGE OF WATER)		



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
**SEWARD HIGHWAY MP 90-99
PAVEMENT PRESERVATION
PHASE 2**

LEGEND

DRAWING LOCATION: PROJECTS\2023\23-004-STERLING HWY MP 169-175-PP PLUS\SEWARD MP 90-99\ENG\FROM SURVEY\2025-09-15 (SCS FOR PHIL UPDATE)\SEWARD HIGHWAY_SCS.DWG

DATE: 9/15/2025 11:39 AM

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SCALE: 1"=2400'

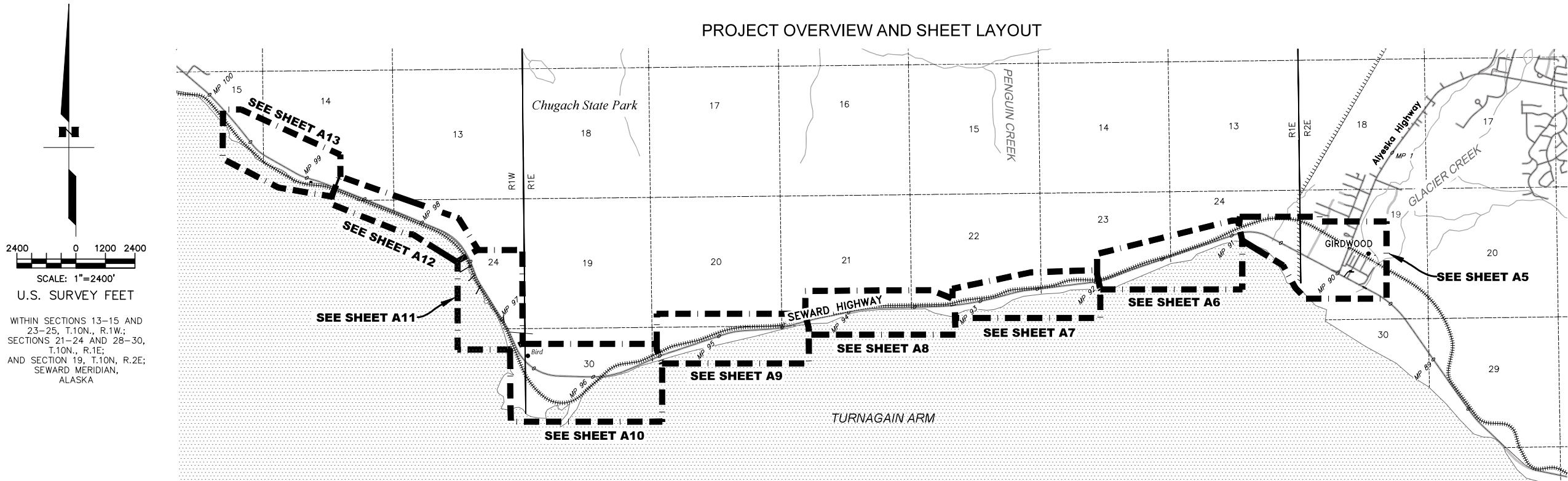
DESIGNED BY: N/A

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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0A31066/CFHWY00850	2025	A4	A13

PROJECT OVERVIEW AND SHEET LAYOUT



SURVEY NOTES

- ALL DIMENSIONS AND COORDINATES SHOWN ARE IN U.S. SURVEY FEET.
- THE FIELD SURVEY WAS CONDUCTED BY LOUNSBURY AND ASSOCIATES, INC. FROM NOVEMBER TO DECEMBER 2024.
- PROJECT HORIZONTAL CONTROL WAS SURVEYED USING NETWORKED STATIC GPS TECHNIQUES. GPS MEASUREMENTS WERE PERFORMED USING TRIMBLE R12i, R10 AND R8 RECEIVERS. IT WAS PROCESSED USING TRIMBLE BUSINESS CENTER V.2024.01 SOFTWARE.
- THE PURPOSE OF THIS SURVEY WAS TO PROVIDE A DESIGN SURVEY, RECOVER CONTROLLING R.O.W. CORNERS, LOCATE ALL MONUMENTS THAT COULD BE DISTURBED BY CONSTRUCTION, PREPARE A SURVEY CONTROL DRAWING (SCD) (RECORDED UNDER PLAT NO. 2025-32 OF THE ANCHORAGE RECORDING DISTRICT (A.R.D.)), AND PREPARE A SURVEY CONTROL SHEET (SCS) IN SUPPORT OF ENGINEERING DESIGN SERVICES FOR PROJECT 0A31066/CFHWY01328: 'SEWARD HIGHWAY MP 90-99 PAVEMENT PRESERVATION AND CAMP ROAD CULVERT REPAIR'.
- BACKGROUND INFORMATION SHOWN HEREON IS FOR ORIENTATION PURPOSES ONLY. IT DOES NOT DEPICT SURVEYED LOCATION.
- VERIFY HORIZONTAL AND VERTICAL CONTROL PRIOR TO USE. ON MULTI YEAR PROJECTS, VERIFY ALL CONTROL ON A SEASONAL BASIS.
- THE SEWARD HIGHWAY 90-99 PROJECT ALIGNMENT IN THIS DRAWING IS BASED UPON PROJECT# 59765 ALIGNMENTS RECEIVED FROM THE ALASKA DOT&PF SURVEY DEPARTMENT AND JOINED AT STA. 1217+05.46.
- PER THE PROJECT SCOPE, CONTROL AND CENTERLINE MONUMENTS SHOWN ON PLAT 2014-32 WITHIN THE PROJECT AREA BUT NOT VISITED THIS SURVEY ARE STILL SHOWN ON THIS SCS. THESE POINTS HAVE '(UNVERIFIED RECORD)' AT THE BEGINNING OF THEIR DESCRIPTION AND HAVE ASTERISKS NEXT TO THEM IN THE POINT TABLES SHOWN HEREON.
- WORK AROUND ALL MONUMENT CASES FOUND WITHIN THE SEWARD HIGHWAY. DO NOT DISTURB THE MONUMENT OR CASE. ADD A PERMANENT RISER TO EACH MONUMENT CASE AT A SUFFICIENT HEIGHT SUCH THAT THE TOP OF THE MONUMENT LID MATCHES FINISHED GRADE.
- MONUMENTS DESTROYED BY CONSTRUCTION WILL BE REPLACED BY OTHERS.
- WHETHER LISTED OR NOT, ALL MONUMENTS OR PROPERTY MARKERS, CORNERS, OR ACCESSORIES, WHICH WILL BE DISTURBED OR BURIED, SHALL BE REFERENCED AND RE-ESTABLISHED IN THEIR ORIGINAL POSITION (A.S. 19.10.260) AND RECORDED (A.S. 34.65.040).

HORIZONTAL CONTROL STATEMENT

COORDINATE SYSTEM:
THIS PROJECT IS LOCATED ENTIRELY WITHIN THE ANCHORAGE BOWL 2000 (2007) ADJUSTMENT, A LOCAL SURFACE GRID COORDINATE SYSTEM DEVELOPED BY THE ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES.

LOUNSBURY HELD THE RECORD VALUES FOR POINTS 8, 18, 20, 22, 23, 36, 44, 45, 54, 55, 56, 551, 552, AND 553 FROM THE SURVEY CONTROL DIAGRAM / RECORD OF SURVEY FOR "SEWARD HIGHWAY: RIGHT-OF-WAY STUDY", RECORDED UNDER PLAT NO. 2014-32 IN A.R.D., FIXED AT THEIR PUBLISHED COORDINATES.

BASIS OF COORDINATES:
THE BASIS OF COORDINATES IS NGS STATION O'MALLEY, LOCATED NEAR THE INTERSECTION OF THE NEW SEWARD HIGHWAY AND O'MALLEY ROAD. SAID STATION HAS ANCHORAGE BOWL 2000 COORDINATES OF 303939.5421 N, 353362.4241 E.

BASIS OF BEARINGS:
THE BASIS OF BEARINGS IS A LOCAL PLANE BEARING BETWEEN NGS STATION O'MALLEY AND NGS STATION LOOP 2 USE RM 3 1964. NGS STATION LOOP 2 USE RM 3 1964 BEARS N 01°43'26.4"E A DISTANCE OF 49488.4476 FEET FROM NGS STATION O'MALLEY. NGS STATION LOOP 2 USE RM 3 1964 HAS ANCHORAGE BOWL 2000 COORDINATES OF 353405.5545 N, 354851.2786 E.

CONVERSION PARAMETERS:
TO CONVERT THE LOCAL COORDINATES TO NAD83 (2007) STATE PLANE COORDINATES EXPRESSED IN U.S. SURVEY FEET, TRANSLATE USING +2296868.6878 N USF, +1312517.4904 E USF, AND SCALE USING 0.9998910192.

VERTICAL CONTROL STATEMENT

DATUM IS NGVD 1929 - 1967/1968 NGS TENTATIVE ADJUSTMENT, AS SHOWN ON SAID SCD/ROS RECORDED UNDER PLAT NO. 2014-32, A.R.D. DIFFERENTIAL LEVEL LOOPS WERE RUN BETWEEN RECORD BENCH MARKS TO CONFIRM RECORD ELEVATIONS. LOUNSBURY HELD THE RECORD ELEVATIONS FOR BENCH MARKS 604, 610, 615, 617, GPS CONTROL POINT 552, AND CONTROL POINT 18 IN A VERTICAL ADJUSTMENT. THE ELEVATIONS OF GPS CONTROL POINT 551 AND CONTROL POINTS 6-8, 20, AND 36 WERE READJUSTED FROM THEIR RECORD VALUES.

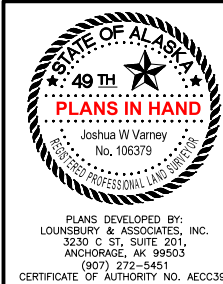
THIS SURVEY DID NOT ATTEMPT TO TIE TOGETHER ELEVATIONS ACROSS THE PROJECT. SURVEYED ELEVATIONS SHOWN HEREON ARE LOCAL TO THAT AREA'S SURVEY.

PROJECT ELEVATIONS WERE ESTABLISHED BY DIFFERENTIAL LEVEL LOOPS, PERFORMED BY LOUNSBURY AND ASSOCIATES, INC, USING A TRIMBLE DINI DIGITAL BAR CODE LEVEL. ALL LEVEL LOOPS WERE CLOSED, ADJUSTED, AND MET OR EXCEEDED THIRD ORDER ACCURACY.

TO CONVERT PROJECT ELEVATIONS TO AN APPROXIMATE LOCAL MEAN LOWER LOW WATER TIDAL DATUM, BASED UPON THE NOAA 1983-2001 TIDAL EPOCH, ADD 18.85 FEET. TO CONVERT PROJECT ELEVATIONS TO AN APPROXIMATE MEAN HIGH WATER TIDAL DATUM, SUBTRACT 9.59 FEET. THIS CONVERSION IS BASED ON STATIC GPS ELEVATION TIE TO NOAA TIDAL BENCH MARK "945 5920 K" (POINT 642 THIS SURVEY, NOT SHOWN HEREON FOR CLARITY), WHICH HAS AN APPROXIMATE NGVD 1929-1967/1968 NGS TENTATIVE ADJUSTMENT ELEVATION OF 19.98 FEET, AN APPROXIMATE LOCAL TIDAL MEAN HIGH WATER ELEVATION OF 10.39 FEET, AND AN APPROXIMATE LOCAL TIDAL MEAN LOWER LOW WATER ELEVATION OF 38.83 FEET.

SHEET A4 LEGEND

- POINT OF INTEREST
- MILEPOST (GIS LOCATION)
- TOWNSHIP LINE
- SECTION LINE
- WATER BODY
- NATIONAL HYDROGRAPHY DATASET - LINE
- STATE PARK BOUNDARY
- RAILROAD
- ROAD



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
**SEWARD HIGHWAY MP 90-99
PAVEMENT PRESERVATION
PHASE 2**

SURVEY CONTROL

PLANS DEVELOPED BY:
LOUNSBURY & ASSOCIATES, INC.
3230 C. ST., SUITE 201,
ANCHORAGE, AK 99503
(907) 272-5451
CERTIFICATE OF AUTHORITY NO. AECC391

DRAWING LOCATION: PROJECTS\2023\23-004-STERLING HWY MP 169-175-PP PLUS\SEWARD MP 90-99\ENG\FROM SURVEY\2025-09-15 (SCS FOR PHIL UPDATE)\SEWARD HIGHWAY_SCS.DWG

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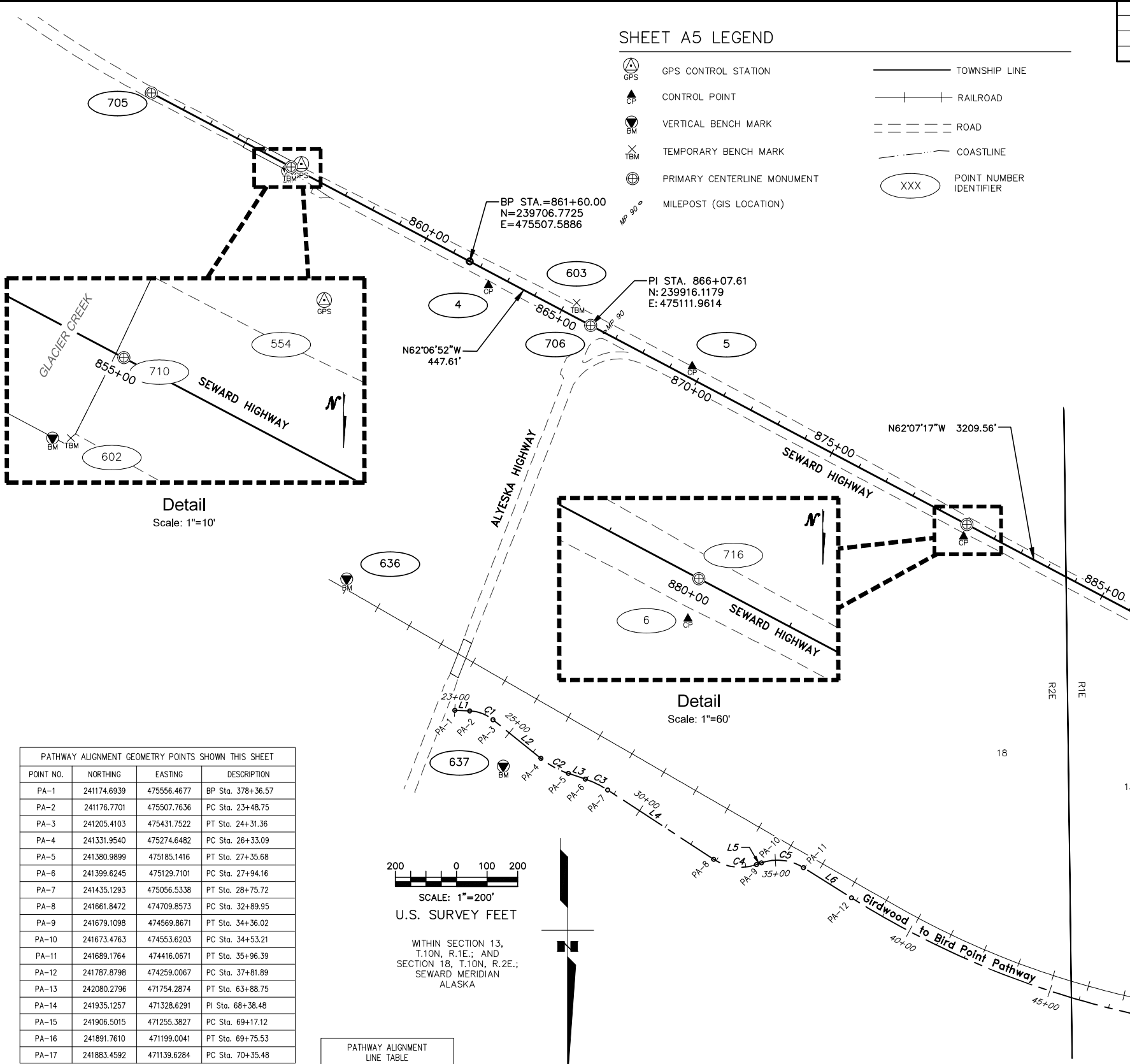
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SHEET A5 LEGEND

- GPS CONTROL STATION
- CONTROL POINT
- VERTICAL BENCH MARK
- TEMPORARY BENCH MARK
- PRIMARY CENTERLINE MONUMENT
- MILEPOST (GIS LOCATION)
- TOWNSHIP LINE
- RAILROAD
- ROAD
- COASTLINE
- POINT NUMBER IDENTIFIER



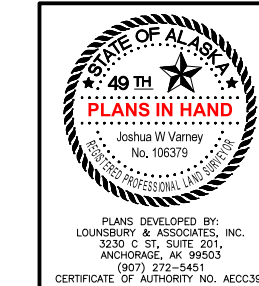
PATHWAY ALIGNMENT GEOMETRY POINTS SHOWN THIS SHEET			
POINT NO.	NORTHING	EASTING	DESCRIPTION
PA-1	241174.6939	475556.4677	BP Sta. 378+36.57
PA-2	241176.7701	475507.7636	PC Sta. 23+48.75
PA-3	241205.4103	475431.7522	PT Sta. 24+31.36
PA-4	241331.9540	475274.6482	PC Sta. 26+33.09
PA-5	241380.9899	475185.1416	PT Sta. 27+35.68
PA-6	241399.6245	475129.7101	PC Sta. 27+94.16
PA-7	241435.1293	475056.5338	PT Sta. 28+75.72
PA-8	241661.8472	474709.8573	PC Sta. 32+89.95
PA-9	241679.1098	474569.8671	PT Sta. 34+36.02
PA-10	241673.4763	474553.6203	PC Sta. 34+53.21
PA-11	241689.1764	474416.0671	PT Sta. 35+96.39
PA-12	241787.8798	474259.0067	PC Sta. 37+81.89
PA-13	242080.2796	471754.2874	PT Sta. 63+88.75
PA-14	241935.1257	471328.6291	PI Sta. 68+38.48
PA-15	241906.5015	471255.3827	PC Sta. 69+17.12
PA-16	241891.7610	471199.0041	PT Sta. 69+75.53
PA-17	241883.4592	471139.6284	PC Sta. 70+35.48

PATHWAY ALIGNMENT CURVE TABLE					
CURVE #	RADIUS	DELTA	LENGTH	CHORD DIR.	CHORD DIST.
C1	130.00	36°24'35"	82.61	N 69° 21' 15" W	81.23
C2	290.00	20°16'10"	102.59	N 61° 17' 03" W	102.06
C3	320.00	14°36'09"	81.56	N 64° 07' 03" W	81.33
C4	160.00	52°18'28"	146.07	N 82° 58' 13" W	141.05
C5	160.00	51°16'16"	143.18	N 83° 29' 19" W	138.45
C6	2930.00	50°58'37"	2606.86	N 83° 20' 29" W	2521.73
C7	250.00	13°23'09"	58.41	S 75° 20' 52" W	58.27

PATHWAY ALIGNMENT LINE TABLE		
LINE	BEARING	DISTANCE
L1	N 87° 33' 33" W	48.75
L2	N 51° 08' 58" W	201.73
L3	N 71° 25' 07" W	58.48
L4	N 56° 48' 59" W	414.23
L5	S 70° 52' 34" W	17.20
L6	N 57° 51' 11" W	185.50
L7	S 71° 10' 12" W	449.73
L8	S 68° 39' 17" W	78.64
L9	S 82° 02' 26" W	59.95

MONUMENTS SHOWN THIS SHEET **					
POINT NO.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
705 *	239155.8270	476548.7820	(Unverified Record) AM/Bx[7338]: Seward Highway PT 849+82.48	849+82.03	0.00 Rt.
710 *	239397.8464	476091.3285	(Unverified Record) BC/Bx: Seward Highway POT 855+00.00	854+99.56	0.04 Lt.
706 *	239916.1179	475111.9614	(Unverified Record) BC/Bx: SI & NCPI Seward Highway and Alyeska Highway	866+07.61	0.00 Rt.
716 *	240567.0717	473881.7316	(Unverified Record) BC/Bx[DOT]: Seward Highway INX Maintenance Road	879+99.44	0.15 Rt.
717 *	241417.0217	472274.6955	(Unverified Record) AC/Rod/Bx[DOT]: Seward Highway PC 898+17.75	898+17.40	0.00 Rt.

* RECORD POSITION FROM PLAT 2014-32, A.R.D., NOT VERIFIED THIS SURVEY.
** ALL STATION AND OFFSET INFORMATION SHOWN IN THESE TABLES IS REFERENCED TO THE SEWARD HIGHWAY ALIGNMENT.



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

**SEWARD HIGHWAY MP 90-99
PAVEMENT PRESERVATION
PHASE 2**

SURVEY CONTROL

VERTICAL CONTROL SHOWN THIS SHEET **						
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION	STATION	OFFSET
601 *	239411	476103	30.45	(Unverified Record) Bolt/Conc[MOA]: MOA BM GW-24	854+95.40	17.05 Rt.
602 *	239411	476100	30.77	(Unverified Record) BC/Conc[DOT]: TBM Glacier	854+98.05	15.65 Rt.
636 *	240745	475910	24.17	(Unverified Record) BC[USC&GS]: BM R 72	862+89.90	1105.88 Rt.
603 *	239842	475158	24.92	(Unverified Record) Scribed "X" N Lum Bolt: TBM-4	865+32.25	43.98 Lt.
637 *	241357	475398	70.93	(Unverified Record) Bolt/Conc[MOA]: BM GW 3	870+28.52	1407.40 Rt.
604	241332	472511	30.16	Fd BC/Conc[DOT]: BM Tidewater Reset	895+68.77	35.34 Rt.
605 *	241999	471232	28.82	(Unverified Record) BC/Rod[DOT]: BM S 72 Reset	908+40.67	405.51 Rt.
606 *	241840	471162	17.60	(Unverified Record) BC/Rod[USC&GS]: BM S 72	909+18.31	258.80 Rt.

HORIZONTAL CONTROL SHOWN THIS SHEET **						
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION	STATION	OFFSET
554 *	239388.4371	476058.5681	---	(Unverified Record) BC/Rod[DOT]: GPS BDGL Reset	855+24.12	23.68 Lt.
4 *	239784.6155	475446.3092	---	(Unverified Record) Rbr/PC[DOT]: CP 4	862+50.58	40.14 Rt.
5 *	240049.6307	474780.0597	---	(Unverified Record) Rbr/PC[DOT]: CP 5	869+63.42	37.18 Lt.
6	240606.2572	473892.4475	23.92	Fd Rbr/PC[DOT]: CP 6	880+08.29	39.80 Rt.
7	241066.7560	473011.5266	26.96	Fd Rbr/PC[DOT]: CP 7	890+02.30	34.93 Rt.
8	241580.8836	471951.4022	29.68	Fd Rbr/PC[DOT]: CP 8	901+75.55	32.82 Rt.

DRAWING LOCATION: PROJECTS\2023\23-004-STERLING-HWY-MP-169-175-PP-PLUS\SEWARD-MP-90-99\ENG\FROM SURVEY\2025-09-15 (SCS FOR PHILIP UPDATE)\SEWARD-HIGHWAY-SCS.DWG

DESIGNED BY: N/A
CHECKED BY: JV
DRAFTED BY: BS

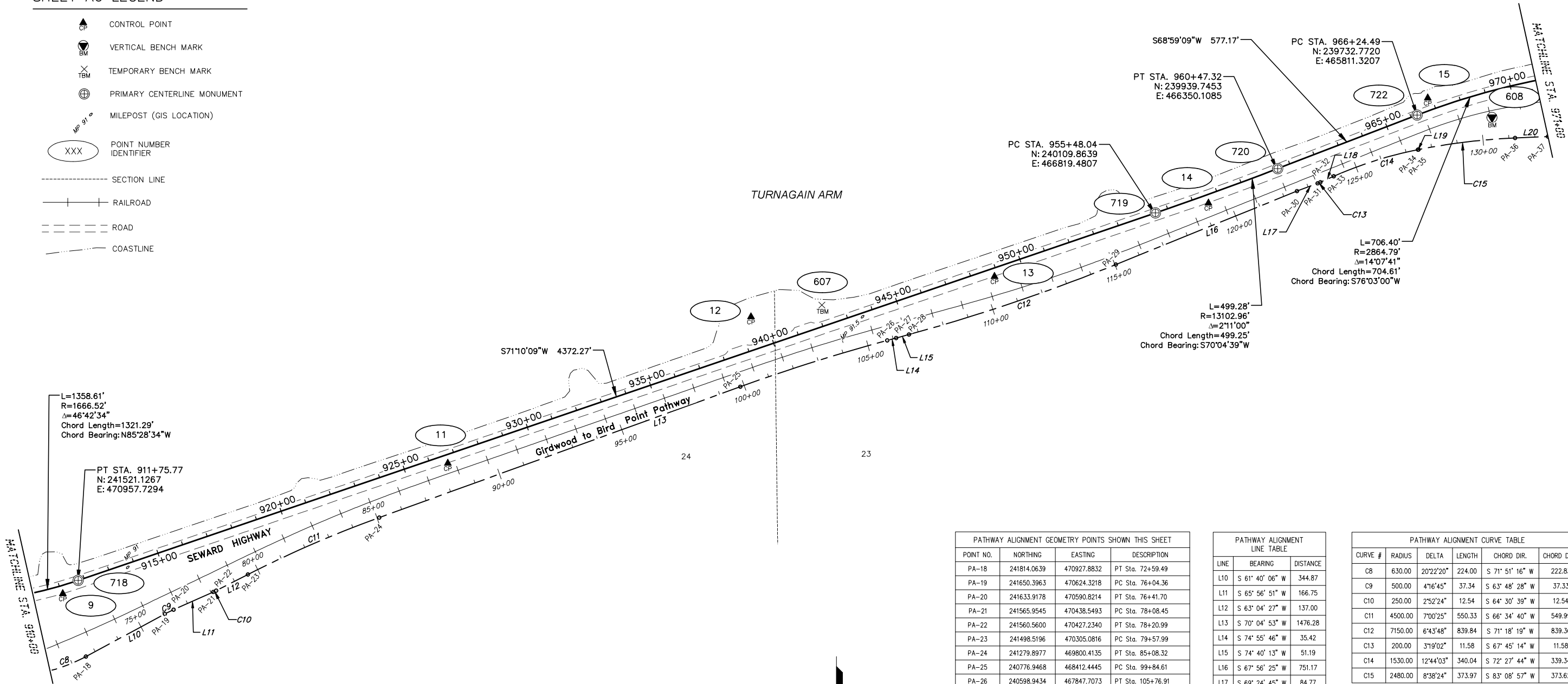
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DATE: 9/15/2025
TIME: 11:39 AM

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0A31066/CFHWY00850	2025	A6	A13

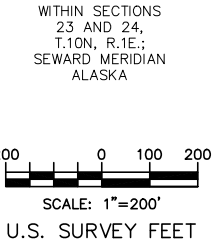
SHEET A6 LEGEND

- CONTROL POINT
VERTICAL BENCH MARK
TEMPORARY BENCH MARK
PRIMARY CENTERLINE MONUMENT
MILEPOST (GIS LOCATION)
POINT NUMBER IDENTIFIER
SECTION LINE
RAILROAD
ROAD
COASTLINE



MONUMENTS SHOWN THIS SHEET**					
POINT NO.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
718 *	241521.0526	470957.5122	(Unverified Record) AC/Rod/Bx[DOT]: Seward Highway PT 911+76.34	911+76.00	0.00 Rt.
719 *	240108.9812	466816.8924	(Unverified Record) AC/Rod/Bx[DOT]: Seward Highway PC 955+51.09	955+50.77	0.00 Rt.
720 *	239938.5151	466346.9062	(Unverified Record) AC/Rod/Bx[DOT]: Seward Highway PT 960+51.09	960+50.75	0.00 Rt.
722 *	239732.7268	465811.2030	(Unverified Record) AC/Rod/Bx[DOT]: Seward Highway PC 966+24.99	966+24.62	0.00 Lt.

HORIZONTAL CONTROL SHOWN THIS SHEET **						
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION	STATION	OFFSET
9	241572.2513	471016.7671	28.15	Fd Rbr/PC[DOT]: CP 9	911+04.68	30.88 Rt.
11 *	241071.3629	469536.8621	---	(Unverified Record) Rbr/PC[DOT]: CP 11	926+65.76	32.93 Rt.
12 *	240508.1581	468371.5185	---	(Unverified Record) Rbr/PC[DOT]: CP 12	939+50.51	123.98 Lt.
13 *	240353.1600	467435.2848	---	(Unverified Record) Rbr/PC[DOT]: CP 13	948+86.67	31.51 Rt.
14 *	240071.0261	466613.2904	---	(Unverified Record) Rbr/PC[DOT]: CP 14	957+55.24	31.44 Rt.
15 *	239666.9536	465769.9952	---	(Unverified Record) AM[6714]: CP 15	966+85.67	47.29 Lt.



VERTICAL CONTROL SHOWN THIS SHEET **						
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION	STATION	OFFSET
607 *	240463	468099	20.37	(Unverified Record) Scribed "X" in NE Tower: TBM-3	942+23.02	78.76 Lt.
608 *	239742	465523	25.81	(Unverified Record) BC/Rock[DOT]: BM BG-6	969+00.29	99.20 Rt.

PATHWAY ALIGNMENT GEOMETRY POINTS SHOWN THIS SHEET			
POINT NO.	NORTHING	EASTING	DESCRIPTION
PA-18	241814.0639	470927.8832	PT Sta. 72+59.49
PA-19	241650.3963	470624.3218	PC Sta. 76+04.36
PA-20	241633.9178	470590.8214	PT Sta. 76+41.70
PA-21	241565.9545	470438.5493	PC Sta. 78+08.45
PA-22	241560.5600	470427.2340	PT Sta. 78+20.99
PA-23	241498.5196	470305.0816	PC Sta. 79+57.99
PA-24	241279.8977	469800.4135	PT Sta. 85+08.32
PA-25	240776.9468	468412.4445	PC Sta. 99+84.61
PA-26	240598.9434	467847.7073	PT Sta. 105+76.91
PA-27	240589.7332	467813.5033	PI Sta. 106+12.33
PA-28	240576.1991	467764.1320	PC Sta. 106+63.52
PA-29	240307.1606	466969.0565	PT Sta. 115+03.37
PA-30	240025.0419	466272.8824	PI Sta. 122+54.53
PA-31	239995.2328	466193.5244	PC Sta. 123+39.31
PA-32	239990.8496	466182.8084	PT Sta. 123+39.31
PA-33	239968.0844	466131.4474	PC Sta. 124+07.06
PA-34	239865.8281	465807.8762	PT Sta. 127+47.11
PA-35	239865.3738	465805.5754	PC Sta. 127+49.45
PA-36	239820.8071	465434.6264	PT Sta. 131+23.42
PA-37	239815.2173	465308.1621	PI Sta. 132+50.01

PATHWAY ALIGNMENT LINE TABLE		
LINE	BEARING	DISTANCE
L10	S 61° 40' 06" W	344.87
L11	S 65° 56' 51" W	166.75
L12	S 63° 04' 27" W	137.00
L13	S 70° 04' 53" W	1476.28
L14	S 74° 55' 46" W	35.42
L15	S 74° 40' 13" W	51.19
L16	S 67° 56' 25" W	751.17
L17	S 69° 24' 45" W	84.77
L18	S 66° 05' 43" W	56.18
L19	S 78° 49' 45" W	2.35
L20	S 87° 28' 09" W	126.59

PATHWAY ALIGNMENT CURVE TABLE					
CURVE #	RADIUS	DELTA	LENGTH	CHORD DIR.	CHORD DIST.
C8	630.00	20°22'20"	224.00	S 71° 51' 16" W	222.63
C9	500.00	4°16'45"	37.34	S 63° 48' 28" W	37.33
C10	250.00	2°52'24"	12.54	S 64° 30' 39" W	12.54
C11	4500.00	7°00'25"	550.33	S 66° 34' 40" W	549.99
C12	7150.00	6°43'48"	839.84	S 71° 18' 19" W	839.36
C13	200.00	3°19'02"	11.58	S 67° 45' 14" W	11.58
C14	1530.00	12°44'03"	340.04	S 72° 27' 44" W	339.34
C15	2480.00	8°38'24"	373.97	S 83° 08' 57" W	373.62



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

**SEWARD HIGHWAY MP 90-99
PAVEMENT PRESERVATION
PHASE 2**

SURVEY CONTROL

* RECORD POSITION FROM PLAT 2014-32, A.R.D., NOT VERIFIED THIS SURVEY.
** ALL STATION AND OFFSET INFORMATION SHOWN IN THESE TABLES IS REFERENCED TO THE SEWARD HIGHWAY ALIGNMENT.

DRAWING LOCATION
X:\AL\605\42\PROJECTS\2023\23-004-STERLING HWY MP 169-175-PP PLUS\SEWARD MP 90-99\ENG\FROM
SURVEY\2025-09-15 (SCS FOR PHIL UPDATE)\SEWARD HIGHWAY_SCS.DWG

DESIGNED BY
N/A
CHECKED BY
JV
DRAFTED BY
BS
SCALE
1"=200'
DATE
9/15/2025
TIME
11:39 AM

PATHWAY ALIGNMENT GEOMETRY POINTS SHOWN THIS SHEET			
POINT NO.	NORTHING	EASTING	DESCRIPTION
PA-38	239789.1833	464393.8561	PC Sta. 141+64.69
PA-39	239730.3155	464050.1085	PT Sta. 145+14.60
PA-40	239594.5800	463627.4582	PC Sta. 149+58.51
PA-41	239495.9887	463127.3194	PT Sta. 154+69.42
PA-42	239413.2864	462076.1714	PC Sta. 165+23.82
PA-43	239344.8649	461747.3148	PT Sta. 168+60.62
PA-44	239270.5461	461531.5723	PC Sta. 170+88.80
PA-45	239163.8873	461056.5603	PT Sta. 175+76.64
PA-46	239100.4282	460482.0062	PC Sta. 181+54.69
PA-47	239024.0049	460015.6280	PT Sta. 186+27.50

PATHWAY ALIGNMENT LINE TABLE		
LINE	BEARING	DISTANCE
L21	S 88° 22' 08" W	914.68
L22	S 72° 11' 43" W	443.91
L23	S 85° 30' 05" W	1054.40
L24	S 70° 59' 32" W	228.18
L25	S 83° 41' 50" W	578.05
L26	S 77° 41' 26" W	676.53

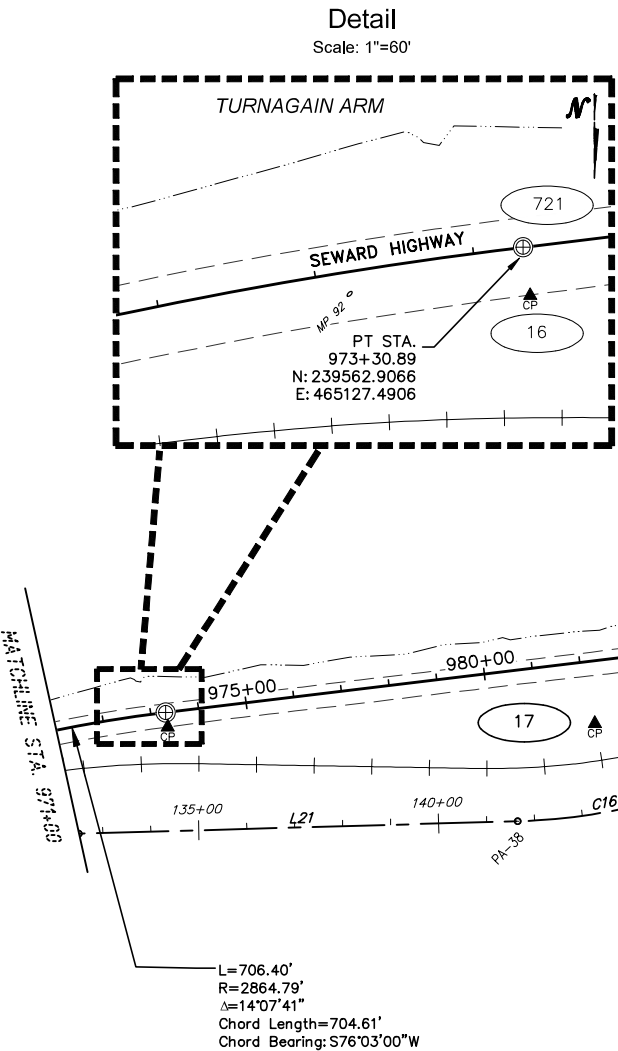
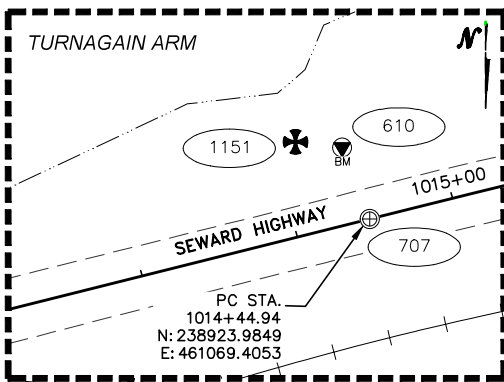
PATHWAY ALIGNMENT CURVE TABLE					
CURVE #	RADIUS	DELTA	LENGTH	CHORD DIR.	CHORD DIST.
C16	1239.58	16°10'25"	349.91	S 80° 16' 56" W	348.75
C17	2200.00	13°18'21"	510.91	S 78° 50' 54" W	509.76
C18	1330.00	14°30'33"	336.80	S 78° 14' 48" W	335.90
C19	2200.00	12°42'18"	487.84	S 77° 20' 41" W	486.84
C20	4510.00	6°00'24"	472.81	S 80° 41' 38" W	472.60

SHEET A7 LEGEND

- GPS CONTROL STATION
- CONTROL POINT
- VERTICAL BENCH MARK
- PRIMARY GOVERNMENT MONUMENT
- PRIMARY CENTERLINE MONUMENT
- MILEPOST (GIS LOCATION)
- POINT NUMBER IDENTIFIER
- SECTION LINE
- RAILROAD
- ROAD
- COASTLINE

Detail

Scale: 1"=60'



TURNAGAIN ARM

PC STA. 1000+15.08
N: 239241.0845
E: 462462.6709

Girdwood to Bird Point Pathway

VERTICAL CONTROL SHOWN THIS SHEET **						
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION	STATION	OFFSET
609 *	239348	462631	32.35	(Unverified Record) BC/Rock[DOT]: BM P 72 Reset	998+35.14	85.96 Rt.
610	238879	461085	26.10	Fd BC/Rock[DOT]: BM BG-5	1014+40.76	47.43 Lt.

HORIZONTAL CONTROL SHOWN THIS SHEET **						
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION	STATION	OFFSET
16 *	239592.9782	465122.7771	---	(Unverified Record) Rbr/PC[DOT]: CP 16	973+31.97	30.42 Rt.
17 *	239585.7321	464233.1106	---	(Unverified Record) Rbr/PC[DOT]: CP 17	982+16.09	129.89 Rt.
18	239204.8468	463198.1841	25.33	Fd Rbr/PC[DOT]: CP 18	992+89.21	124.16 Lt.
19 *	239137.4410	462251.8099	---	(Unverified Record) AM[6714]: CP 19	1002+41.00	71.33 Lt.
20	239063.5261	461511.8364	26.12	Fd Rbr/PC[DOT]: CP 20	1009+81.85	27.71 Rt.
553	238754.2239	460936.6037	29.58	Fd BC[USC&GS]: Hemlock 2 1964	1016+13.10	133.60 Lt.
21 *	238870.0772	460577.7171	---	(Unverified Record) Rbr/PC[DOT]: CP 21	1019+37.56	56.80 Rt.
22	238718.8727	459924.8111	26.28	Fd Rbr/PC[DOT]: CP 22	1026+09.13	20.54 Rt.

MONUMENTS SHOWN THIS SHEET **					
POINT NO.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
721 *	239562.8712	465127.1972	(Unverified Record) AC/Rod/Bx[DOT]: Seward Highway PT 973+31.49	973+31.19	0.00 Rt.
723 *	239241.0901	462462.7171	(Unverified Record) AC/Rod/Bx[DOT]: Seward Highway PC 1000+15.28	1000+15.03	0.00 Rt.
724 *	239150.2118	461971.3405	(Unverified Record) AC/Rod/Bx[DOT]: Seward Highway PT 1005+15.28	1005+15.07	0.00 Rt.
1151 *	238875.4021	461114.1428	(Unverified Record) AC[BLM]: S9011 - PC 77C L	1014+13.37	58.01 Lt.
707 *	238923.5763	461067.7764	(Unverified Record) AM/Bx[DOT]: Seward Highway PC 1014+92.80	1014+46.62	0.00 Lt.

* RECORD POSITION FROM PLAT 2014-32, A.R.D., NOT VERIFIED THIS SURVEY.
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WITHIN SECTIONS
22 AND 23,
T.10N, R.1E.;
SEWARD MERIDIAN
ALASKA

200 0 100 200
SCALE: 1"=200'
U.S. SURVEY FEET

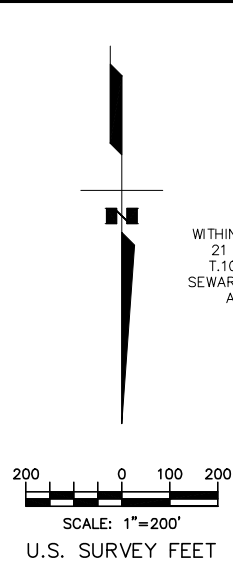


STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
**SEWARD HIGHWAY MP 90-99
PAVEMENT PRESERVATION
PHASE 2**

SURVEY CONTROL

DRAWING LOCATION: \\ATL-EP-05-P2\PROJECTS\2023\23-004-STERLING HWY MP 169-175-PP PLUS\SEWARD MP 90-99\ENG\FROM SURVEY\2025-09-15 (SCS FOR PHIL UPDATE)\SEWARD HIGHWAY_SCS.DWG

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CHECKED BY: JV
DRAFTED BY: BS
SCALE: 1"=200'
DATE: 9/15/2025
TIME: 11:39 AM



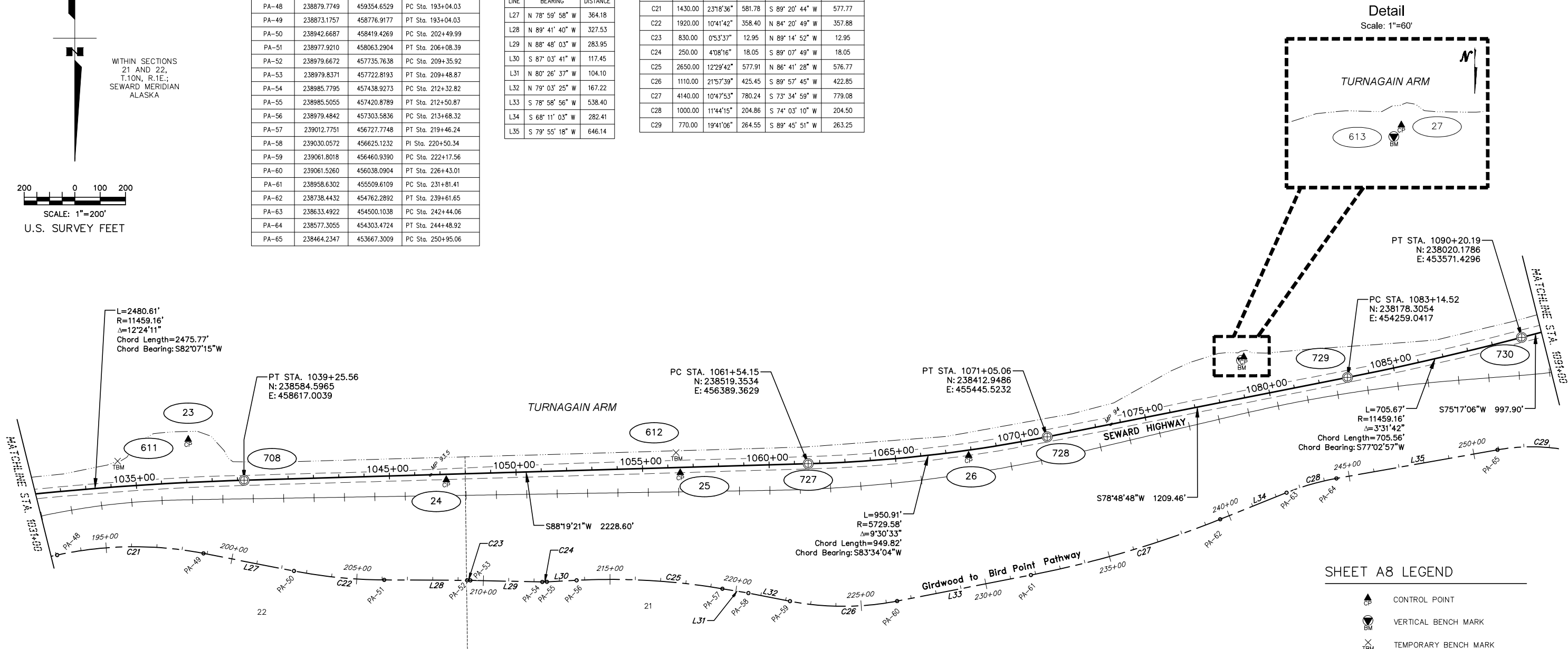
WITHIN SECTIONS
21 AND 22,
T.10N, R.1E.,
SEWARD MERIDIAN
ALASKA

PATHWAY ALIGNMENT GEOMETRY POINTS SHOWN THIS SHEET			
POINT NO.	NORTHING	EASTING	DESCRIPTION
PA-48	238879.7749	459354.6529	PC Sta. 193+04.03
PA-49	238873.1757	458776.9177	PT Sta. 193+04.03
PA-50	238942.6687	458419.4269	PC Sta. 202+49.99
PA-51	238977.9210	458063.2904	PT Sta. 206+08.39
PA-52	238979.6672	457735.7638	PC Sta. 209+35.92
PA-53	238979.8371	457722.8193	PT Sta. 209+48.87
PA-54	238985.7795	457438.9273	PC Sta. 212+32.82
PA-55	238985.5055	457420.8789	PT Sta. 212+50.87
PA-56	238979.4842	457303.5836	PC Sta. 213+68.32
PA-57	239012.7751	456727.7748	PT Sta. 219+46.24
PA-58	239030.0572	456625.1232	PI Sta. 220+50.34
PA-59	239061.8018	456460.9390	PC Sta. 222+17.56
PA-60	239061.5260	456038.0904	PT Sta. 226+43.01
PA-61	238958.6302	455509.6109	PC Sta. 231+81.41
PA-62	238738.4432	454762.2892	PT Sta. 239+61.65
PA-63	238633.4922	454900.1038	PC Sta. 242+44.06
PA-64	238577.3055	454303.4724	PT Sta. 244+48.92
PA-65	238464.2347	453667.3009	PC Sta. 250+95.06

PATHWAY ALIGNMENT LINE TABLE		
LINE	BEARING	DISTANCE
L27	N 78° 59' 58" W	364.18
L28	N 89° 41' 40" W	327.53
L29	N 88° 48' 03" W	283.95
L30	S 87° 03' 41" W	117.45
L31	N 80° 26' 37" W	104.10
L32	N 79° 03' 25" W	167.22
L33	S 78° 58' 56" W	538.40
L34	S 68° 11' 03" W	282.41
L35	S 79° 55' 18" W	646.14

PATHWAY ALIGNMENT CURVE TABLE					
CURVE #	RADIUS	DELTA	LENGTH	CHORD DIR.	CHORD DIST.
C21	1430.00	2°31'36"	581.78	S 89° 20' 44" W	577.77
C22	1920.00	10°41'42"	358.40	N 84° 20' 49" W	357.88
C23	830.00	0°33'37"	12.95	N 89° 14' 52" W	12.95
C24	250.00	4°08'16"	18.05	S 89° 07' 49" W	18.05
C25	2650.00	12°29'42"	577.91	N 86° 41' 28" W	576.77
C26	1110.00	21°57'39"	425.45	S 89° 57' 45" W	422.85
C27	4140.00	10°47'53"	780.24	S 73° 34' 59" W	779.08
C28	1000.00	11°44'15"	204.86	S 74° 03' 10" W	204.50
C29	770.00	19°41'06"	264.55	S 89° 45' 51" W	263.25

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0A31066/CFHWY00850	2025	A8	A13



MONUMENTS SHOWN THIS SHEET **					
POINT NO.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
708 *	238584.5698	458616.0938	(Unverified Record) AM/Bx[DOT]: Seward Highway PT 1039+72.63	1039+26.47	0.00 Rt.
727 *	238519.3447	456389.0652	(Unverified Record) AC/Rod/Bx[DOT]: Seward Highway PC 1061+54.49	1061+54.45	0.00 Rt.
728 *	238412.9120	455445.3379	(Unverified Record) AC/Rod/Bx[DOT]: Seward Highway PT 1071+05.29	1071+05.25	0.00 Rt.
729 *	238178.4304	454259.6737	(Unverified Record) AC/Rod/Bx[DOT]: Seward Highway PC 1083+13.96	1083+13.88	0.00 Rt.
730 *	238020.3593	453572.1176	(Unverified Record) AC/Rod/Bx[DOT]: Seward Highway PT 1090+19.55	1090+19.48	0.00 Rt.

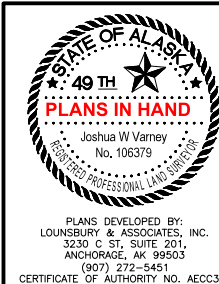
VERTICAL CONTROL SHOWN THIS SHEET **						
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION	STATION	OFFSET
611 *	238509	459116	20.76	(Unverified Record) Scribed "X" in NE Tower: TBM-2	1034+33.17	100.84 Lt.
612 *	238475	456911	20.72	(Unverified Record) Scribed "X" in NE Tower: TBM-1	1056+34.04	59.61 Lt.
613 *	238111	454678	30.58	(Unverified Record) BC/Rock[DOT]: BM BG-4	1079+16.58	147.31 Lt.

* RECORD POSITION FROM PLAT 2014-32, A.R.D., NOT VERIFIED THIS SURVEY.
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HORIZONTAL CONTROL SHOWN THIS SHEET **						
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION	STATION	OFFSET
23	238423.4327	458837.3605	24.24	Fd Rbr/PC[DOT]: CP 23	1037+13.14	169.54 Lt.
24*	238582.6568	457818.0816	---	(Unverified Record) Rbr/PC[DOT]: CP 24	1047+24.19	21.45 Rt.
25*	238555.1738	456894.2763	---	(Unverified Record) Rbr/PC[DOT]: CP 25	1056+48.41	21.02 Rt.
26*	238486.8469	455755.4701	---	(Unverified Record) Rbr/PC[DOT]: CP 26	1067+87.68	21.18 Rt.
27*	238097.3326	454669.1705	---	(Unverified Record) Rbr: CP 27	1079+27.90	159.00 Lt.

SHEET A8 LEGEND

- ▲ CONTROL POINT
- ⊙ BM VERTICAL BENCH MARK
- × TBM TEMPORARY BENCH MARK
- ⊕ PRIMARY CENTERLINE MONUMENT
- MP 94.0 MILEPOST (GIS LOCATION)
- SECTION LINE
- +—+— RAILROAD
- - - - - ROAD
- - - - - COASTLINE
- XXX POINT NUMBER IDENTIFIER



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
**SEWARD HIGHWAY MP 90-99
PAVEMENT PRESERVATION
PHASE 2**

SURVEY CONTROL

DESIGNED BY: N/A
CHECKED BY: JV
DRAFTED BY: BS
SCALE: 1"=200'
DATE: 9/15/2025
TIME: 11:39 AM
DRAWING LOCATION: PROJECTS\2023\23-004-STERLING HWY MP 169-175-PP PLUS\SEWARD HWY 90-99\XENG\FROM
SURVEY\2025-09-15 (SCS FOR PHILIP UPDATE)\SEWARD HIGHWAY SCS.DWG

PATHWAY ALIGNMENT GEOMETRY POINTS SHOWN THIS SHEET			
POINT NO.	NORTHING	EASTING	DESCRIPTION
PA-66	238463.1515	453404.0537	PT Sta. 253+59.61
PA-67	238537.1196	452967.0426	PC Sta. 258+02.84
PA-68	238319.1803	451381.9305	PT Sta. 274+27.83
PA-69	238121.8679	450963.8327	PC Sta. 278+90.14
PA-70	238004.2342	450432.9114	PT Sta. 278+90.14
PA-71	238005.2614	450221.2824	PI Sta. 286+50.10
PA-72	238013.4100	449921.5454	PI Sta. 289+49.95
PA-73	238013.7475	449855.5001	PC Sta. 290+15.99
PA-74	237922.4110	449332.3520	PT Sta. 295+49.87
PA-75	237821.1701	449055.6944	PC Sta. 298+44.47
PA-76	237773.5529	448899.2972	PT Sta. 300+08.04
PA-77	237659.2104	448432.6334	PC Sta. 304+88.51
PA-78	237486.4008	447967.1514	PT Sta. 309+86.13

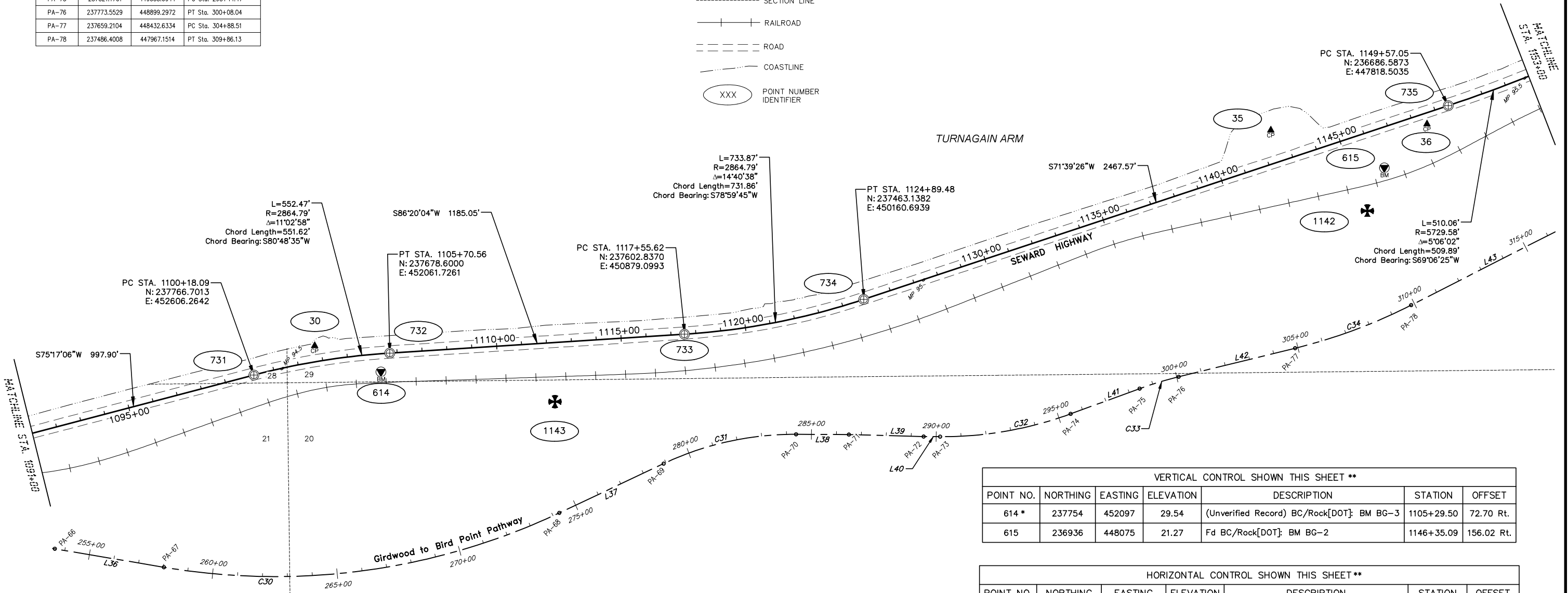
PATHWAY ALIGNMENT LINE TABLE		
LINE	BEARING	DISTANCE
L36	N 80° 23' 36" W	443.23
L37	S 64° 44' 10" W	462.32
L38	N 89° 43' 19" W	211.63
L39	N 88° 26' 34" W	299.85
L40	N 89° 42' 26" W	66.05
L41	S 69° 54' 01" W	294.60
L42	S 76° 13' 57" W	480.47
L43	S 63° 01' 58" W	813.23

PATHWAY ALIGNMENT CURVE TABLE					
CURVE #	RADIUS	DELTA	LENGTH	CHORD DIR.	CHORD DIST.
C30	2670.00	34°52'15"	1624.99	S 82° 10' 17" W	1600.02
C31	1230.00	25°32'32"	548.33	S 77° 30' 25" W	543.80
C32	1500.00	20°23'33"	533.87	S 80° 05' 48" W	531.06
C33	1480.00	6°19'56"	163.57	S 73° 03' 59" W	163.49
C34	2160.00	13°12'00"	497.62	S 69° 37' 57" W	496.52

SHEET A9 LEGEND

- CONTROL POINT
VERTICAL BENCH MARK
PRIMARY GOVERNMENT MONUMENT
PRIMARY CENTERLINE MONUMENT
MILEPOST (GIS LOCATION)
POINT NUMBER IDENTIFIER
SECTION LINE
RAILROAD
ROAD
COASTLINE
POINT NUMBER IDENTIFIER

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0A31066/CFHWY00850	2025	A9	A13

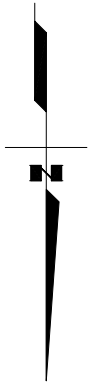


VERTICAL CONTROL SHOWN THIS SHEET **						
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION	STATION	OFFSET
614 *	237754	452097	29.54	(Unverified Record) BC/Rock[DOT]: BM BG-3	1105+29.50	72.70 Rt.
615	236936	448075	21.27	Fd BC/Rock[DOT]: BM BG-2	1146+35.09	156.02 Rt.

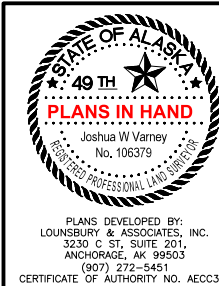
HORIZONTAL CONTROL SHOWN THIS SHEET **						
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION	STATION	OFFSET
30 *	237649.3924	452362.6059	---	(Unverified Record) Rbr/AC[DOT]: CP 30	1102+78.14	63.63 Lt.
35	236785.4207	448529.9626	24.71	Fd Rbr/PC[DOT]: CP 35	1142+50.64	130.09 Lt.
36	236760.5422	447903.8404	23.45	Fd Rbr/AC[8852]: CP 36	1148+52.77	43.34 Rt.

MONUMENTS SHOWN THIS SHEET **					
POINT NO.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
731 *	237766.6607	452606.1095	(Unverified Record) AC/Rod/Bx[DOT]: Seward Highway PC 1100+18.30	1100+18.25	0.00 Lt.
732 *	237678.6003	452061.7303	(Unverified Record) AC/Rod/Bx[DOT]: Seward Highway PT 1105+70.65	1105+70.56	0.00 Rt.
1143 *	237873.5250	451399.4317	(Unverified Record) AC[BLM]: WP 10B	1112+19.04	236.87 Rt.
733 *	237602.9245	450880.4657	(Unverified Record) AC/Rod/Bx[DOT]: Seward Highway PT 1117+54.32	1117+54.25	0.00 Rt.
734 *	237463.4826	450161.7327	(Unverified Record) AC/Rod/Bx[DOT]: Seward Highway PT 1124+88.47	1124+88.39	0.00 Rt.
1142 *	237108.6654	448142.9666	(Unverified Record) AC[BLM]: S9011 - PC 80A R	1145+16.24	298.52 Rt.
735 *	236686.6334	447818.6424	(Unverified Record) AC/Rod/Bx[DOT]: Seward Highway PC 1149+56.96	1149+56.90	0.00 Rt.

* RECORD POSITION FROM PLAT 2014-32, A.R.D., NOT VERIFIED THIS SURVEY.
** ALL STATION AND OFFSET INFORMATION SHOWN IN THESE TABLES IS REFERENCED TO THE SEWARD HIGHWAY ALIGNMENT.



WITHIN SECTIONS
20, 21, 28, AND 29,
T.10N., R.1E.,
SEWARD MERIDIAN
ALASKA
SCALE: 1"=200'
U.S. SURVEY FEET



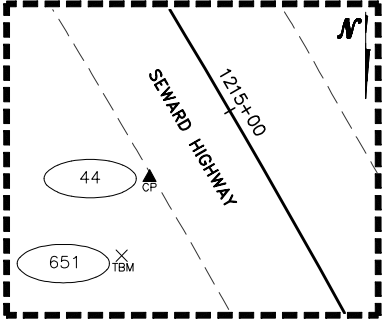
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SEWARD HIGHWAY MP 90-99
PAVEMENT PRESERVATION
PHASE 2
SURVEY CONTROL

DESIGNED BY: N/A
CHECKED BY: JV
DRAFTED BY: BS
SCALE: 1"=200'
DATE: 9/15/2025
TIME: 11:39 AM
DRAWING LOCATION: PROJECTS\2023\23-004-STERLING HWY MP 169-175-PP PLUS\SEWARD MP 90-99\ENG\FROM SURVEY\2025-09-15 (SCS FOR PHIL UPDATE)\SEWARD HIGHWAY_SCS.DWG

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0A31066/CFHWY00850	2025	A10	A13

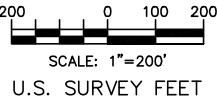
HORIZONTAL CONTROL SHOWN THIS SHEET **						
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION	STATION	OFFSET
37*	236460.5867	447186.8367	---	(Unverified Record) Rbr/PC[DOT]: CP 37	1156+27.16	21.27 Rt.
38*	236112.0413	446383.4295	---	(Unverified Record) Rbr/PC[DOT]: CP 38	1165+02.92	21.13 Rt.
39*	235934.6022	445887.4496	---	(Unverified Record) Rbr/PC[DOT]: CP 39	1170+32.96	36.39 Rt.
40*	235716.7118	445063.2624	---	(Unverified Record) Rbr/PC[DOT]: CP 40	1178+87.01	22.34 Lt.
552	235568.8054	444444.1989	62.80	Fd BC/Rod[DOT]: GPS SWH 96.1	1185+02.04	165.29 Lt.
41*	235718.9414	444063.3802	---	(Unverified Record) Rbr/PC[DOT]: CP 41	1188+85.24	21.32 Lt.
42*	235747.9037	443176.7202	---	(Unverified Record) Rbr/PC[DOT]: CP 42	1197+70.33	20.62 Lt.
44	236710.8779	441806.8328	26.46	Fd Rbr/PC[DOT]: CP 44	1215+03.61	21.41 Rt.

VERTICAL CONTROL SHOWN THIS SHEET **						
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION	STATION	OFFSET
616 *	236127	445587	26.99	(Unverified Record) BC/Rock[USC&GS]: V 12	1172+82.13	302.65 Rt.
617	235768	445117	56.94	Fd BM/Conc[DOT]: BM BG-1	1178+29.25	24.40 Rt.
618 *	236612	441715	25.11	(Unverified Record) BC/Rock[USC&GS]: BM W 72	1214+66.42	108.07 Lt.
651	236727	441813	0.00	Set Bolt in SW Sign Base: TBM 651	2462+11.25	34.62 Rt.

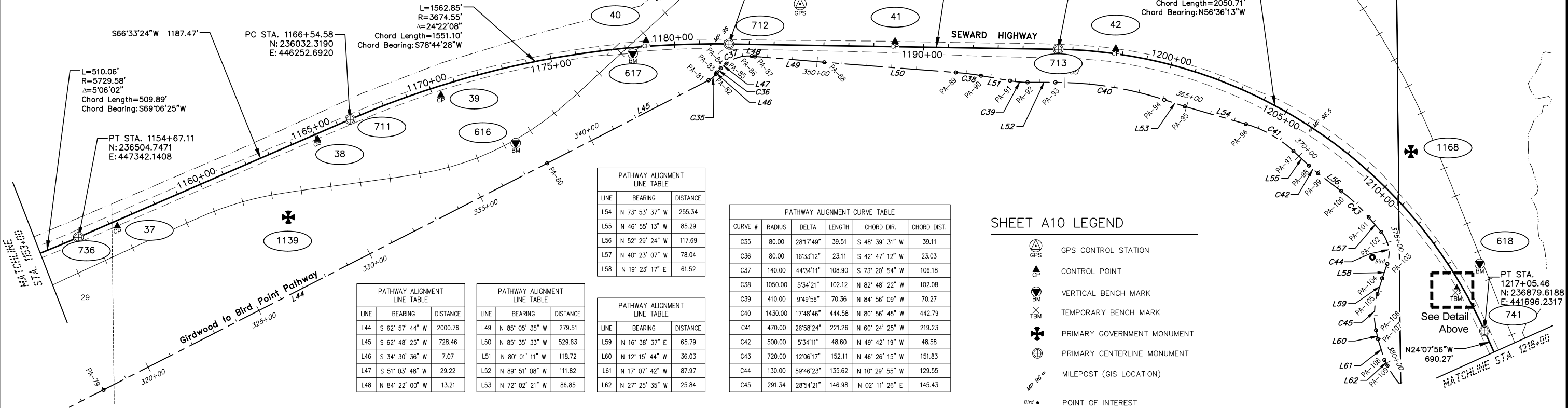


MONUMENTS SHOWN THIS SHEET **				
POINT NO.	NORTHING	EASTING	DESCRIPTION	STATION
736 *	236505.3067	447343.4312	(Unverified Record) AC/Rod/Bx[DOT]: Seward Highway PT 1154+65.10	1154+65.70
1139*	236424.7489	446500.0346	(Unverified Record) AC[BLM]: S9011 - PT 80D R	1162+71.53
711 *	236031.9564	446251.8558	(Unverified Record) AM/Bx[DOT]: Seward Highway PC 1165+98.21	1166+55.49
712 *	235729.4884	444730.6521	(Unverified Record) AM/Bx[DOT]: Seward Highway PT 1182+22.60	1182+18.22
713 *	235750.8598	443407.5891	(Unverified Record) AM/Bx[DOT]: Seward Highway PC 1194+98.63	1195+41.46
1168 *	236161.5456	441991.2182	(Unverified Record) BC[BLM]: PT81-2R L1 USS 9012	1209+76.85
741 *	236881.0060	441695.6108	(Unverified Record) AM/Bx[4725]: BOP 37+100	1217+06.98

* RECORD POSITION FROM PLAT 2014-32, A.R.D., NOT VERIFIED THIS SURVEY.
** ALL STATION AND OFFSET INFORMATION SHOWN IN THESE TABLES IS REFERENCED TO THE SEWARD HIGHWAY ALIGNMENT.



WITHIN SECTION 25,
T.10N., R.1W., AND
SECTIONS 29 AND 30,
T.10N., R.1E.;
SEWARD MERIDIAN
ALASKA



SHEET A10 LEGEND

- GPS CONTROL STATION
- CONTROL POINT
- VERTICAL BENCH MARK
- TEMPORARY BENCH MARK
- PRIMARY GOVERNMENT MONUMENT
- PRIMARY CENTERLINE MONUMENT
- MILEPOST (GIS LOCATION)
- POINT OF INTEREST
- TOWNSHIP LINE
- SECTION LINE
- RAILROAD
- ROAD
- COASTLINE
- POINT NUMBER IDENTIFIER

PATHWAY ALIGNMENT GEOMETRY POINTS SHOWN THIS SHEET			
POINT NO.	NORTHING	EASTING	DESCRIPTION
PA-79	237117.6145	447242.3461	PI Sta. 317+99.36
PA-80	236208.1116	445460.2569	PI Sta. 338+00.12
PA-81	235875.2109	444812.3076	PC Sta. 345+28.59
PA-82	235849.3771	444782.9445	PT Sta. 345+68.10
PA-83	235843.5532	444778.9404	PC Sta. 345+75.16
PA-84	235826.6498	444763.2950	PT Sta. 345+98.28
PA-85	235808.2866	444740.5669	PC Sta. 346+27.50
PA-86	235777.8605	444638.8401	PT Sta. 347+36.40

PATHWAY ALIGNMENT GEOMETRY POINTS SHOWN THIS SHEET			
POINT NO.	NORTHING	EASTING	DESCRIPTION
PA-87	235779.1575	444625.6917	PI Sta. 347+49.61
PA-88	235803.0660	444347.2059	PI Sta. 350+29.12
PA-89	235843.7687	443819.1389	PC Sta. 355+58.76
PA-90	235856.5523	443717.8592	PT Sta. 356+60.88
PA-91	235877.1277	443600.9340	PC Sta. 357+79.60
PA-92	235883.3306	443530.9363	PT Sta. 358+49.96
PA-93	235883.6192	443419.1165	PC Sta. 359+61.78
PA-94	235953.3009	442981.8462	PT Sta. 364+06.36

PATHWAY ALIGNMENT GEOMETRY POINTS SHOWN THIS SHEET			
POINT NO.	NORTHING	EASTING	DESCRIPTION
PA-95	235980.0831	442899.2263	PI Sta. 364+93.21
PA-96	236050.9204	442853.9063	PC Sta. 367+48.55
PA-97	236159.1817	442463.2775	PT Sta. 369+69.81
PA-98	236217.4332	442400.9841	PC Sta. 370+55.10
PA-99	236248.8539	442363.9273	PT Sta. 371+03.70
PA-100	236320.5127	442270.5736	PC Sta. 372+21.39
PA-101	236425.1460	442160.5534	PT Sta. 373+73.50
PA-102	236484.5900	442109.9891	PC Sta. 374+51.54

PATHWAY ALIGNMENT GEOMETRY POINTS SHOWN THIS SHEET			
POINT NO.	NORTHING	EASTING	DESCRIPTION
PA-103	236611.9752	442086.3829	PT Sta. 375+87.17
PA-104	236670.0086	442106.8060	PI Sta. 376+48.69
PA-105	236733.0450	442125.6502	PC Sta. 377+14.48
PA-106	236878.3649	442131.2090	PT Sta. 378+61.46
PA-107	236913.5730	442123.5567	PI Sta. 378+97.49
PA-108	236997.6380	442097.6495	PI Sta. 379+85.46
PA-109	237020.5729	442085.7477	PC Sta. 380+11.30

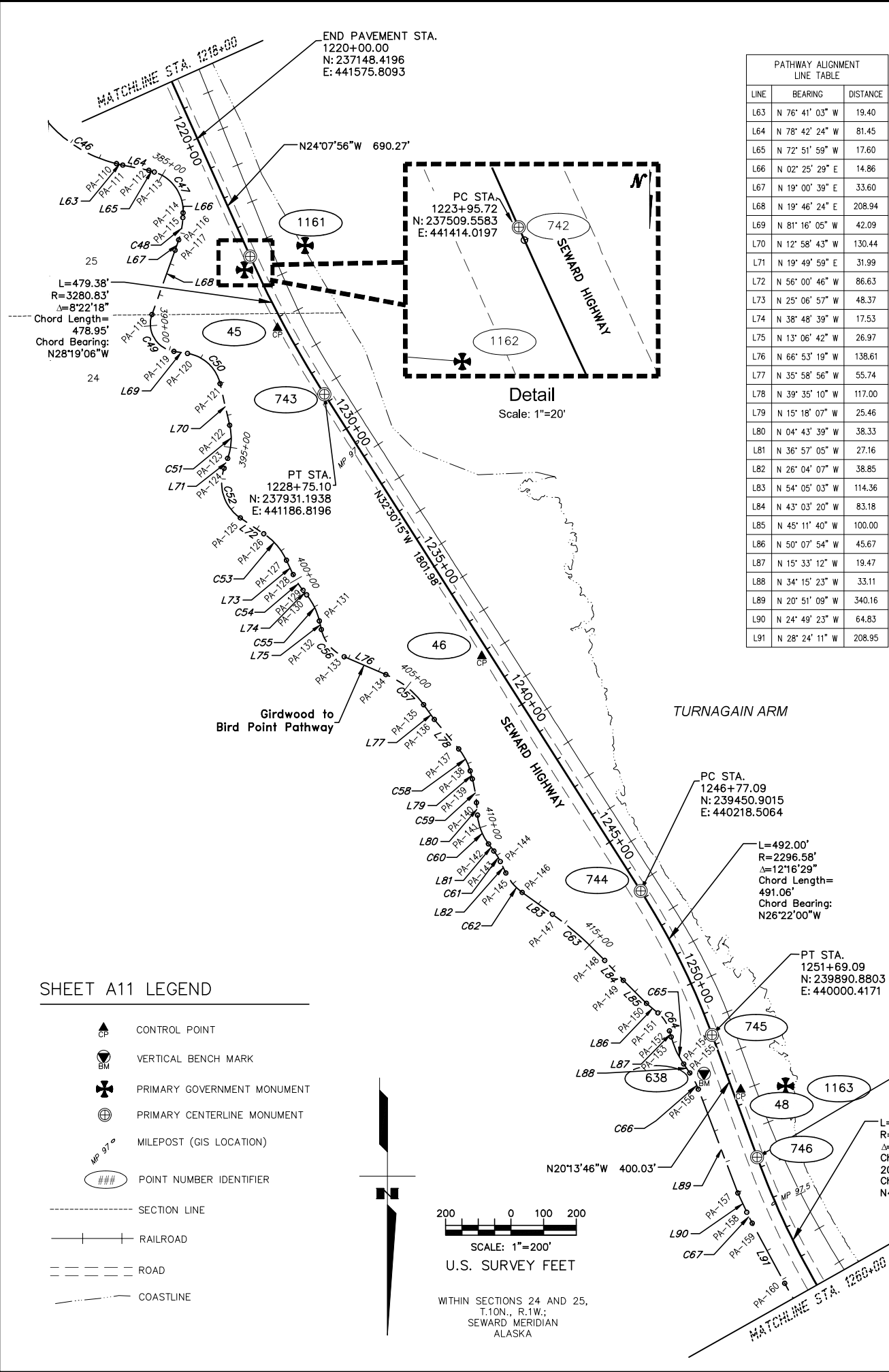


STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
**SEWARD HIGHWAY MP 90-99
PAVEMENT PRESERVATION
PHASE 2**
SURVEY CONTROL

DRAWING LOCATION
C:\Users\jw\Documents\Projects\2023\23-004-Sterling Hwy MP 109-175-PP PLUS\SEWARD MP 90-99\ENG\FROM SURVEY\2025-09-15 (SCS FOR PHIL UPDATE)\SEWARD HIGHWAY_SCS.DWG

DESIGNED BY: N/A
CHECKED BY: JV
DRAFTED BY: BS

SCALE: 1"=200'
DATE: 9/15/2025
TIME: 11:39 AM



PATHWAY ALIGNMENT GEOMETRY POINTS SHOWN THIS SHEET			
POINT NO.	NORTHING	EASTING	DESCRIPTION
PA-110	237225.5749	441822.8343	PT Sta. 383+55.18
PA-111	237230.0442	441803.9513	PI Sta. 383+74.58
PA-112	237245.9953	441724.0747	PI Sta. 384+56.04
PA-113	237251.1813	441707.2526	PC Sta. 384+73.64
PA-114	237375.9220	441619.1896	PT Sta. 386+37.90
PA-115	237390.7708	441619.8184	PC Sta. 386+52.76
PA-116	237458.7972	441632.6940	PT Sta. 387+22.24
PA-117	237490.5667	441643.6399	PI Sta. 387+55.84
PA-118	237687.1827	441714.3222	PC Sta. 389+64.78
PA-119	237799.9528	441647.2380	PT Sta. 391+14.67
PA-120	237806.3434	441605.6309	PC Sta. 391+56.77
PA-121	237898.8746	441505.9743	PT Sta. 393+01.16
PA-122	238025.9809	441476.6795	PC Sta. 394+31.59
PA-123	238127.4772	441482.7580	PT Sta. 395+34.67
PA-124	238157.5744	441493.6133	PC Sta. 395+66.67
PA-125	238309.4720	441443.9954	PT Sta. 397+38.76
PA-126	238357.8991	441372.1648	PC Sta. 398+25.39
PA-127	238438.8416	441302.8762	PT Sta. 399+33.24
PA-128	238482.6372	441282.3461	PC Sta. 399+81.61
PA-129	238531.1896	441252.0505	PT Sta. 400+33.58
PA-130	238544.8467	441241.0656	PC Sta. 400+56.50
PA-131	238624.8269	441202.1236	PT Sta. 401+46.21
PA-132	238651.0907	441196.0061	PC Sta. 401+73.17
PA-133	238734.2381	441126.2367	PT Sta. 402+85.80
PA-134	238788.6445	440998.7521	PC Sta. 404+24.41
PA-135	238880.9815	440882.9364	PT Sta. 405+74.34
PA-136	238926.0836	440850.1891	PI Sta. 406+30.08
PA-137	239016.2515	440775.6327	PC Sta. 407+47.08
PA-138	239083.4509	440740.7343	PT Sta. 408+23.37
PA-139	239108.0119	440734.0142	PC Sta. 408+48.83
PA-140	239180.6075	440721.1944	PT Sta. 409+22.66
PA-141	239218.8034	440718.0356	PC Sta. 409+60.98
PA-142	239306.9857	440684.4688	PT Sta. 410+56.59
PA-143	239328.6925	440668.1405	PC Sta. 410+83.76
PA-144	239361.0301	440648.3162	PT Sta. 411+21.74
PA-145	239395.9233	440631.2457	PC Sta. 411+60.59
PA-146	239455.1921	440581.3784	PT Sta. 412+38.82
PA-147	239522.2742	440488.7621	PC Sta. 413+53.18
PA-148	239663.4344	440328.8168	PT Sta. 415+66.84
PA-149	239724.2121	440272.0304	PI Sta. 416+50.02
PA-150	239794.6822	440201.0803	PI Sta. 417+50.02
PA-151	239823.9586	440166.0266	PC Sta. 417+95.69
PA-152	239878.8908	440130.5675	PT Sta. 418+62.07
PA-153	239897.6437	440125.3480	PC Sta. 418+81.54
PA-154	239980.1770	440087.0286	PT Sta. 419+72.94
PA-155	240007.5392	440068.3938	PC Sta. 420+06.05
PA-156	240057.2031	440042.4803	PT Sta. 420+62.19
PA-157	240375.0863	439921.3935	PI Sta. 424+02.36
PA-158	240433.9221	439894.1789	PC Sta. 424+67.18
PA-159	240467.4350	439877.3874	PT Sta. 425+04.67
PA-160	240651.2279	439777.9983	PI Sta. 427+13.62

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	OA31066/CFHWY00850	2025	A11	A13

PATHWAY ALIGNMENT CURVE TABLE					
CURVE #	RADIUS	DELTA	LENGTH	CHORD DIR.	CHORD DIST.
C46	400.00	49°15'28"	343.88	N 52° 03' 19" W	333.39
C47	125.00	75°17'28"	164.26	N 35° 13' 15" W	152.69
C48	240.00	16°35'11"	69.48	N 10° 43' 04" E	69.23
C49	85.00	101°02'26"	149.90	N 30° 44' 51" W	131.22
C50	121.14	68°17'22"	144.39	N 47° 07' 24" W	135.99
C51	180.00	32°48'42"	103.08	N 35° 25' 38" E	101.68
C52	130.00	75°50'45"	172.09	N 18° 05' 23" W	159.80
C53	200.00	30°53'49"	107.85	N 40° 33' 51" W	106.55
C54	240.00	13°41'42"	57.37	N 31° 57' 48" W	57.23
C55	200.00	25°41'57"	89.71	N 25° 57' 40" W	88.96
C56	120.00	53°46'37"	112.63	N 40° 00' 01" W	108.54

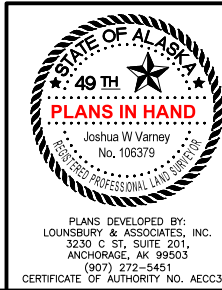
PATHWAY ALIGNMENT CURVE TABLE					
CURVE #	RADIUS	DELTA	LENGTH	CHORD DIR.	CHORD DIST.
C57	277.95	30°54'23"	149.93	N 51° 26' 08" W	148.12
C58	180.00	24°17'03"	76.29	N 27° 26' 38" W	75.72
C59	400.00	10°34'28"	73.82	N 10° 00' 53" W	73.72
C60	170.00	32°13'26"	95.61	N 20° 50' 22" W	94.35
C61	200.00	10°52'57"	37.99	N 31° 30' 36" W	37.93
C62	160.00	28°00'55"	78.23	N 40° 04' 35" W	77.46
C63	1110.00	11°01'43"	213.66	N 48° 34' 12" W	213.33
C64	110.00	34°34'42"	66.39	N 32° 50' 33" W	65.38
C65	280.00	18°42'11"	91.40	N 24° 54' 18" W	91.00
C66	240.00	13°24'14"	56.15	N 27° 33' 16" W	56.02
C67	600.00	3°34'48"	37.49	N 26° 36' 47" W	37.48

HORIZONTAL CONTROL SHOWN THIS SHEET **						
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION	STATION	OFFSET
45*	237728.3677	441330.4616	27.93	Fd Rbr/PC[DOT]: CP 45	1226+28.24	21.49 Rt.
46*	238732.6033	440704.9896	---	(Unverified Record) Rbr/PC[DOT]: CP 46	1238+09.89	24.29 Rt.
48*	240058.5836	439912.8381	---	(Unverified Record) Rbr/PC[DOT]: CP 48	1253+56.73	24.19 Lt.

MONUMENTS SHOWN THIS SHEET **					
POINT NO.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
742 *	237509.5278	441414.0334	(Unverified Record) AM/Bx[4725]: PC 37+309.944	1223+95.69	0.00 Rt.
1162 *	237550.5930	441431.2926	(Unverified Record) AM[BLM]: 1B L1 USS 9012	1224+25.81	32.68 Rt.
1161 *	237475.9837	441245.7515	(Unverified Record) AM[BLM]: 1A L1 USS 9012	1224+35.93	167.06 Lt.
743 *	237931.2108	441186.8088	(Unverified Record) AM/Bx[4725]: PT 37+456.077	1228+75.12	0.00 Rt.
744 *	239450.9447	440218.4789	(Unverified Record) AM/Bx[4725]: PC 38+005.419	1246+77.14	0.00 Lt.
745 *	239891.4239	440000.2168	(Unverified Record) AM/Bx[4725]: PT 38+155.525	1251+69.67	0.00 Rt.
1163 *	240048.0676	439775.1443	(Unverified Record) AM[BLM]: 2A L1 USS 9012	1253+94.48	157.02 Lt.
746 *	240265.4822	439862.3720	(Unverified Record) AM/Bx[4725]: PC 38+277.023	1255+68.32	0.00 Rt.

VERTICAL CONTROL SHOWN THIS SHEET **						
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION	STATION	OFFSET
638 *	240010	440025	25.22	(Unverified Record) Bolt/Rock[R&M]: BM SH-97.4	1252+72.36	64.26 Rt.

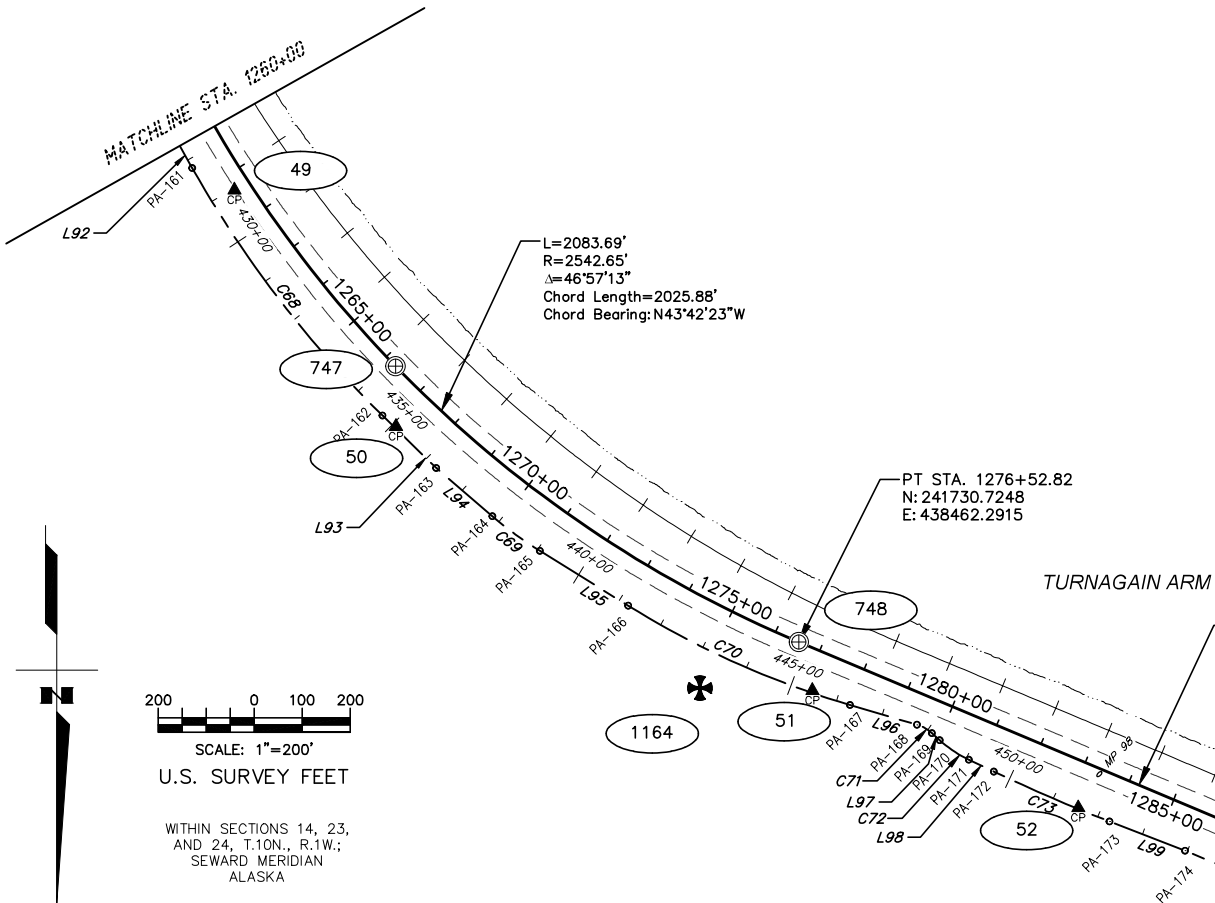
* RECORD POSITION FROM PLAT 2014-32, A.R.D., NOT VERIFIED THIS SURVEY.
** ALL STATION AND OFFSET INFORMATION SHOWN IN THESE TABLES IS REFERENCED TO THE SEWARD HIGHWAY ALIGNMENT.



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
**SEWARD HIGHWAY MP 90-99
PAVEMENT PRESERVATION
PHASE 2**
SURVEY CONTROL

DESIGNED BY: N/A
CHECKED BY: JV
DRAFTED BY: BS
SCALE: 1"=200'
DATE: 9/15/2025
TIME: 11:39 AM
DRAWING LOCATION: \\LAP-65-P2\PROJECTS\2023\23-004-STERLING-HWY-MP-169-175-PP-PLUS\SEWARD-MP-90-99\ENG\FROM-SURVEY\2025-09-15 (SCS FOR PHILIP UPDATE)\SEWARD-HIGHWAY-SCS.DWG

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0A31066/CFHWY00850	2025	A12	A13



PATHWAY ALIGNMENT LINE TABLE		
LINE	BEARING	DISTANCE
L92	N 29° 24' 45" W	105.51
L93	N 45° 40' 07" W	156.47
L94	N 49° 24' 43" W	154.32
L95	N 58° 11' 09" W	216.54
L96	N 73° 35' 03" W	145.46
L97	N 47° 45' 58" W	21.84
L98	N 64° 34' 38" W	57.67
L99	N 68° 46' 34" W	168.76
L100	N 67° 51' 46" W	600.01
L101	N 68° 19' 13" W	1269.88
L103	N 60° 17' 22" W	104.46
L104	N 65° 11' 06" W	131.72
L105	N 68° 55' 24" W	722.42
L106	N 67° 39' 20" W	742.63

PATHWAY ALIGNMENT CURVE TABLE					
CURVE #	RADIUS	DELTA	LENGTH	CHORD DIR.	CHORD DIST.
C68	2300.00	16°15'22"	652.56	N 37° 32' 26" W	650.37
C69	800.00	8°46'26"	122.51	N 53° 47' 56" W	122.39
C70	1890.00	15°23'55"	507.95	N 65° 53' 06" W	506.42
C71	80.00	25°49'06"	36.05	N 60° 40' 30" W	35.74
C72	250.00	16°48'40"	73.35	N 56° 10' 18" W	73.09
C73	3580.00	4°11'56"	262.36	N 66° 40' 36" W	262.30
C74	1151.41	8°00'03"	160.79	N 72° 19' 15" W	160.65
C76	300.00	4°53'44"	25.63	N 62° 44' 14" W	25.62
C77	1700.00	3°44'18"	110.92	N 67° 03' 15" W	110.90
C78	2000.00	1°16'03"	44.25	N 68° 17' 22" W	44.25

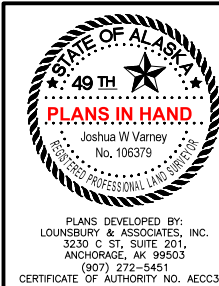
PATHWAY ALIGNMENT GEOMETRY POINTS SHOWN THIS SHEET			
POINT NO.	NORTHING	EASTING	DESCRIPTION
PA-161	240743.1396	439726.1821	PC Sta. 428+19.13
PA-162	241258.8351	439329.8940	PT Sta. 434+71.69
PA-163	241368.1790	439217.9677	PI Sta. 436+28.16
PA-164	241468.5813	439100.7773	PC Sta. 437+82.48
PA-165	241540.8662	439002.0170	PT Sta. 439+04.99
PA-166	241655.0192	438818.0093	PC Sta. 441+21.53
PA-167	241861.9262	438355.7879	PT Sta. 446+29.47
PA-168	241903.0342	438216.2566	PC Sta. 447+74.93
PA-169	241920.5406	438185.0922	PT Sta. 448+10.98
PA-170	241935.2185	438168.9240	PC Sta. 448+32.82
PA-171	241975.9081	438108.2079	PT Sta. 449+06.17
PA-172	242000.6646	438056.1244	PC Sta. 449+63.84
PA-173	242104.5134	437815.2612	PT Sta. 452+26.19
PA-174	242165.6083	437657.9446	PI Sta. 453+94.96
PA-175	242391.7059	437102.1667	PI Sta. 459+94.97
PA-176	242860.8197	435922.1145	PC Sta. 472+64.84
PA-177	242909.6085	435769.0471	PT Sta. 474+25.63
PA-178	242925.6730	435703.0412	PC Sta. 474+93.56
PA-179	242956.6017	435625.2993	PT Sta. 475+77.50
PA-180	243008.3725	435534.5739	PC Sta. 476+81.96
PA-181	243020.1104	435511.7957	PT Sta. 477+07.59
PA-182	243075.3926	435392.2363	PC Sta. 478+39.31
PA-183	243118.6265	435290.1155	PT Sta. 479+38.81
PA-184	243378.4221	434616.0258	PC Sta. 486+72.65
PA-185	243394.7892	434574.9191	PT Sta. 487+13.85

MONUMENTS SHOWN THIS SHEET **					
POINT NO.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
747 *	241156.1660	439302.6235	(Unverified Record) AM/Bx[4725]: POC 38+600	1266+27.93	0.05 Rt.
1164 *	241826.5476	438668.4399	(Unverified Record) AM[BLM]: 3B L1 USS 9012	1275+09.60	172.57 Rt.
748 *	241730.6759	438462.4078	(Unverified Record) AM/Bx[4725]: PT 38+912.340	1276+52.69	0.00 Rt.
749 *	242333.6779	437029.1028	(Unverified Record) AM/Bx[4725]: PC 39+386.341	1292+07.68	0.00 Rt.
750 *	242460.6833	436718.5301	(Unverified Record) AM/Bx[4725]: PT 39+488.601	1295+43.23	0.00 Rt.
1165 *	242749.0841	436344.8530	(Unverified Record) AM[BLM]: WP 4B L2 USS 9012	1299+96.94	130.21 Rt.
751 *	242837.5751	435768.9349	(Unverified Record) AM/Bx[4725]: POT 39+800	1305+64.88	0.00 Rt.
752 *	243200.6402	434854.1167	(Unverified Record) AM/Bx[4725]: POT 40+100	1315+49.11	0.02 Lt.

HORIZONTAL CONTROL SHOWN THIS SHEET **						
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION	STATION	OFFSET
49*	240789.1963	439638.0517	---	(Unverified Record) Rbr/PC[DOT]: CP 49	1261+34.44	34.03 Rt.
50*	241281.8516	439301.6908	---	(Unverified Record) Rbr/PC[DOT]: CP 50	1267+15.81	88.40 Rt.
51*	241831.7832	438434.2832	---	(Unverified Record) Rbr/PC[DOT]: CP 51	1277+17.82	82.29 Rt.
52*	242076.0918	437880.3736	---	(Unverified Record) Rbr/PC[DOT]: CP 52	1283+23.13	92.68 Rt.
53*	242344.2727	437208.0177	---	(Unverified Record) Rbr/PC[DOT]: CP 53	1290+46.87	79.15 Rt.
54	242664.2485	436415.3313	32.01	Fd Rbr/PC[DOT]: CP 54	1299+00.13	77.36 Rt.
55	242924.9124	435697.3861	23.91	Fd Rbr/PC[DOT]: CP 55	1306+63.60	54.78 Rt.
56	243179.5252	435121.8645	31.58	Fd Rbr/PC[DOT]: CP 56	1312+92.46	79.13 Rt.
57*	243428.9582	434484.5058	---	(Unverified Record) Rbr/PC[DOT]: CP 57	1319+76.88	75.85 Rt.

SHEET A12 LEGEND

- ▲ CONTROL POINT
- ✝ PRIMARY GOVERNMENT MONUMENT
- ⊕ PRIMARY CENTERLINE MONUMENT
- MP 98.0 MILEPOST (GIS LOCATION)
- ### POINT NUMBER IDENTIFIER
- SECTION LINE
- +—+—+— RAILROAD
- - - - - ROAD
- ~~~~~ COASTLINE



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
**SEWARD HIGHWAY MP 90-99
PAVEMENT PRESERVATION
PHASE 2**

SURVEY CONTROL

* RECORD POSITION FROM PLAT 2014-32, A.R.D., NOT VERIFIED THIS SURVEY.
** ALL STATION AND OFFSET INFORMATION SHOWN IN THESE TABLES IS REFERENCED TO THE SEWARD HIGHWAY ALIGNMENT.

DESIGNED BY
N/A

CHECKED BY
JV

DRAFTED BY
BS

SCALE
1"=200'

DATE
9/15/2025

TIME
11:39 AM

DRAWING LOCATION
X:\AL\605\42\PROJECTS\2023\23-004-STERLING HWY MP 169-175-PP PLUS\SEWARD MP 90-99\ENG\FROM SURVEY\2025-09-15 (SCS FOR PHIL UPDATE)\SEWARD HIGHWAY_SCS.DWG

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0A31066/CFHWY00850	2025	A13	A13

MONUMENTS SHOWN THIS SHEET **					
POINT NO.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
765 *	245190.6254	430932.6445	(Unverified Record) AM/Bx[9945]: PT 632+36.63	---	---
757 *	244690.6684	431507.0557	(Unverified Record) AM/Bx[4725]: PC 624+69.90	---	---
1075 *	245407.4013	430285.1663	(Unverified Record) AM[BLM]: ARR PT 84C L 7B L4 USS 9012	---	---
1074 *	245532.1014	430441.5812	(Unverified Record) AM[BLM]: ARR PT 84C R 7A L4 USS 9012	---	---
1108 *	243637.1224	434108.0130	(Unverified Record) AM[BLM]: ARR PC 83 R 5B L3 USS 9012	---	---
753 *	243619.1233	433799.7764	(Unverified Record) AM/Bx[4725]: PC 40+445.790	---	---
754 *	243703.1784	433552.6428	(Unverified Record) AM/Bx[4725]: PT 40+525.340	---	---
755 *	243812.7890	433169.1243	(Unverified Record) AM/Bx[4725]: PC 40+646.901	---	---
756 *	243992.4228	432740.3615	(Unverified Record) AM/Bx[4725]: PT 40+788.970	---	---
1078 *	244104.2063	432437.3380	(Unverified Record) AI Rod: ARR PC 84A-R 6B L3 USS 9012	---	---

SHEET A13 LEGEND

- GPS CONTROL STATION
- CONTROL POINT
- VERTICAL BENCH MARK
- PRIMARY GOVERNMENT MONUMENT
- PRIMARY CENTERLINE MONUMENT
- MISCELLANEOUS PROPERTY CORNER
- MILEPOST (GIS LOCATION)
- POINT NUMBER IDENTIFIER
- SECTION LINE
- RAILROAD
- ROAD
- COASTLINE

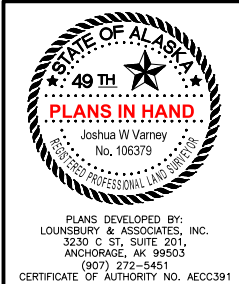
HORIZONTAL CONTROL SHOWN THIS SHEET						
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION	STATION	OFFSET
62 *	245527.1940	430639.0930	---	(Unverified Record) Rbr/PC[DOT]: CP 62	---	---
551 *	244678.2699	431457.9084	79.32	Fd Drive Rod w/ Datum Point: Bird 1W	---	---
58	243676.1549	433568.2439	---	(Unverified Record) Rbr/PC[DOT]: CP 58	---	---
59	244010.0483	432750.2992	---	(Unverified Record) Rbr/PC[DOT]: CP 59	---	---
60	244347.1891	432157.3890	---	(Unverified Record) Rbr/PC[DOT]: CP 60	---	---

VERTICAL CONTROL SHOWN THIS SHEET						
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION	STATION	OFFSET
639 *	243708	433857	32.87	(Unverified Record) Bolt/Rock[R&M]: BM SH-98.9	---	---
640 *	244705	431560	80.29	(Unverified Record) Bolt/Rock[R&M]: BM SH-99.4	---	---

PATHWAY ALIGNMENT GEOMETRY POINTS SHOWN THIS SHEET				
POINT NO.	NORTHING	EASTING	DESCRIPTION	
PA-186	243677.1170	433888.0471	PC Sta. 494+59.53	
PA-187	243672.9976	433803.2285	PT Sta. 495+47.23	
PA-188	243589.1261	433644.8593	PC Sta. 497+26.44	
PA-189	243580.5238	433563.3126	PT Sta. 498+10.46	
PA-190	243641.6775	433348.0877	PC Sta. 500+34.21	
PA-191	243650.3511	433308.8904	EP Sta. 500+74.38	

PATHWAY ALIGNMENT CURVE TABLE					
CURVE #	RADIUS	DELTA	LENGTH	CHORD DIR.	CHORD DIST.
C79	100.00	50°14'59"	87.70	S 87° 13' 10" W	84.92
C80	110.00	43°46'03"	84.03	S 83° 58' 42" W	82.00
C81	340.00	16°38'15"	40.17	N 77° 31' 22" W	40.15

PATHWAY ALIGNMENT LINE TABLE		
LINE	BEARING	DISTANCE
L107	S 62° 05' 40" W	179.21
L108	N 74° 08' 17" W	223.74



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

SEWARD HIGHWAY MP 90-99
PAVEMENT PRESERVATION
PHASE 2

SURVEY CONTROL

* RECORD POSITION FROM PLAT 2014-32, A.R.D., NOT VERIFIED THIS SURVEY.

DESIGNED BY
CHECKED BY
DRAFTED BY

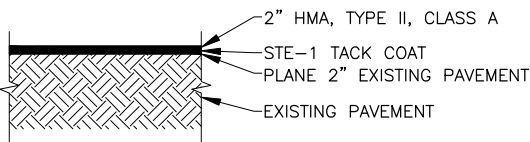
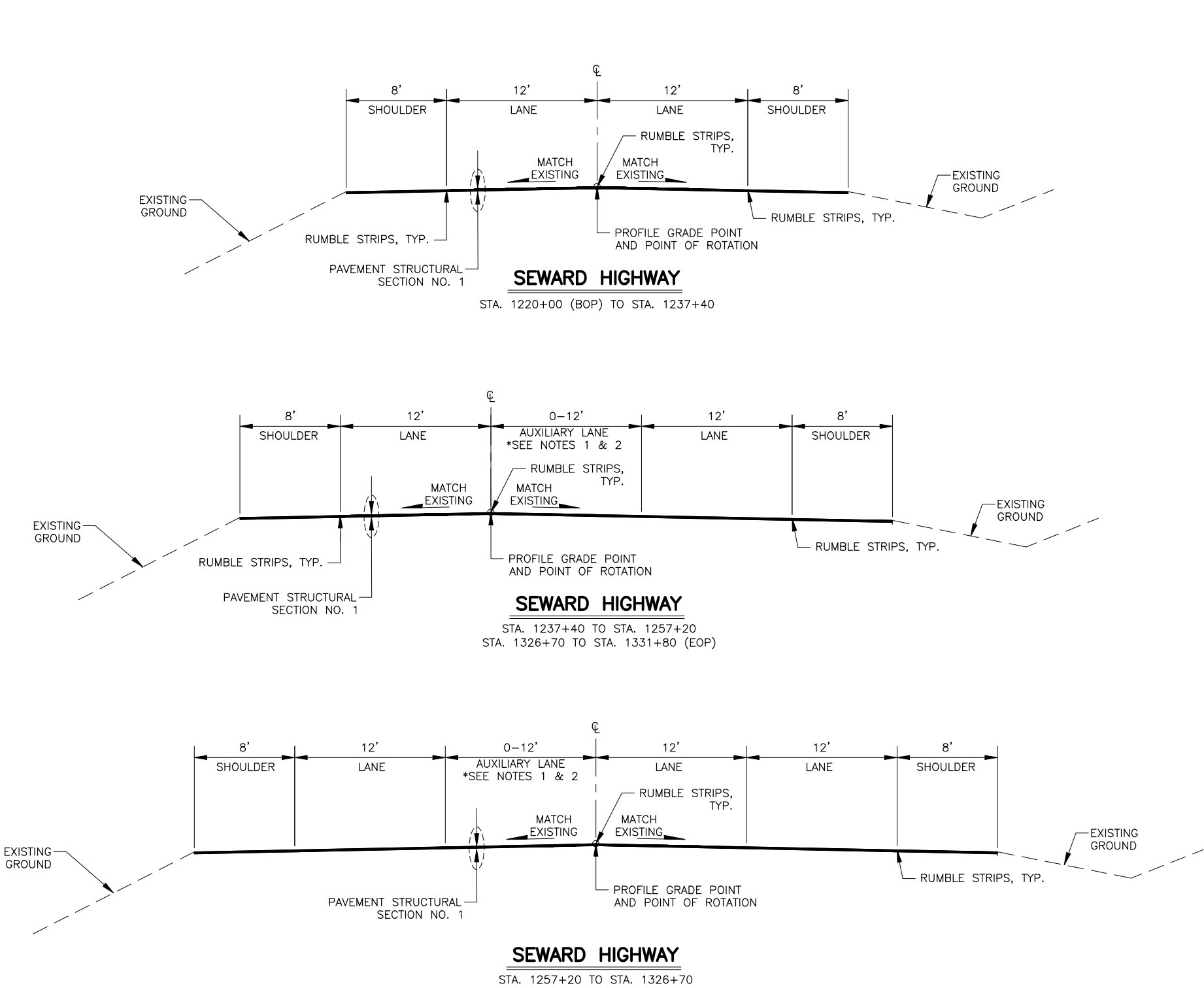
SCALE
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DATE
9/15/2025 2:25 PM

TIME

DRAWING LOCATION
D:\PWSEFILE\DM50656A\PL-23-004-02-B SHEETS PH2.DWG

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0A31066/CFHWY00850	2025	B1	B1



PAVEMENT STRUCTURAL SECTION NO. 1

- NOTE:**
- SEE F SHEETS FOR PAVEMENT TAPER STATION AND OFFSETS.
 - SEE H SHEETS FOR LANE WIDTH TRANSITIONS.
 - INSTALL SAFETY EDGE ON ROADWAY PER ASP M-25.00.



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

**SEWARD HIGHWAY MP 90-99
PAVEMENT PRESERVATION
PHASE 2**

TYPICAL SECTIONS

ESTIMATE OF QUANTITIES			
ITEM NO.	ITEM DESCRIPTION	PAY UNIT	QUANTITY
201.0009.0000	CLEARING AND GRUBBING	LS	ALL REQ'D
202.0002.0000	REMOVAL OF PAVEMENT	SY	670
202.0004.0000	REMOVAL OF CULVERT PIPE	LF	7
202.2013.0000	REMOVE FUGITIVE MATERIALS	LF	1,840
202.2016.0000	ABANDON PIPE IN PLACE, STORM DRAIN	LF	222
202.2023.0000	PAVEMENT PLANING	SY	64,100
203.0003.0000	UNCLASSIFIED EXCAVATION	CY	6,300
203.0006.000A	BORROW, TYPE A	TON	30,930
203.2038.0000	DITCH LINEAR GRADING	STA	5
204.0001.0000	STRUCTURE EXCAVATION	CY	2,720
301.0001.00D1	AGGREGATE BASE COURSE, GRADING D-1	TON	1,250
306.0001.0000	ATB	TON	140
306.0002.5240	ASPHALT BINDER, GRADE PG 52-40 E	TON	8
401.0001.002A	HMA, TYPE II; CLASS A	TON	8,920
401.0004.5240	ASPHALT BINDER, GRADE PG 52-40 E	TON	473
401.0015.0000	ASPHALT MATERIAL PRICE ADJUSTMENT	CS	ALL REQ'D
406.0002.0000	RUMBLE STRIPS	STA	336
602.0001.0096	STRUCTURAL PLATE PIPE 96" DIAMETER, 10 GAUGE	LF	264
603.0001.0036	CSP 36 INCH	LF	5
603.0003.0036	END SECTION FOR CSP 36 INCH	EACH	1
603.2019.0048	LINER FOR STORM DRAIN 48 INCH, HDPE	LF	171
603.2032.0048	CORRUGATED HDPE PIPE 48 INCH	LF	29
604.0001.0003	STORM SEWER MANHOLE, TYPE III	EACH	3
606.0001.0000	W-BEAM GUARDRAIL	LF	112.5
606.0006.0000	REMOVING AND DISPOSING OF GUARDRAIL	LF	112.5
608.2002.0000	ASPHALT PATHWAY	TON	10
611.0002.0003	RIPRAP, CLASS III	TON	5,270
615.0001.0000	STANDARD SIGN	SF	162
615.0006.0000	SALVAGE SIGN	EACH	12
618.0002.0000	SEEDING	LB	9
618.2002.000B	SEEDING - WETLAND	LB	9
620.0001.0000	TOPSOIL	SY	1,320
639.2000.0000	APPROACH	EACH	3
640.0001.0000	MOBILIZATION AND DEMOBILIZATION	LS	ALL REQ'D
641.0001.0000	EROSION, SEDIMENT AND POLLUTION CONTROL ADMINISTRATION	LS	ALL REQ'D
641.0005.0000	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL BY DIRECTIVE	CS	ALL REQ'D
641.0006.0000	WITHHOLDING	CS	ALL REQ'D
641.0007.0000	SWPPP MANAGER	LS	ALL REQ'D
642.0001.0000	CONSTRUCTION SURVEYING	LS	ALL REQ'D
642.0003.0000	THREE PERSON SURVEY PARTY	HR	500
642.0011.0000	ADJUST EXISTING MONUMENT CASE	EACH	11
642.2008.0000	PASSING SIGHT DISTANACE MEASUREMENT	STA	224
643.0002.0000	TRAFFIC MAINTENANCE	LS	ALL REQ'D
643.0003.0000	PERMANENT CONSTRUCTIONS SIGNS	LS	ALL REQ'D

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0A31066/CFHWY00850	2025	C1	C1

ESTIMATE OF QUANTITIES			
ITEM NO.	ITEM DESCRIPTION	PAY UNIT	QUANTITY
643.0023.0000	TRAFFIC PRICE ADJUSTMENT	CS	ALL REQ'D
643.0025.0000	TRAFFIC CONTROL	CS	ALL REQ'D
643.0032.0000	FLAGGING	CS	ALL REQ'D
643.0033.0000	DETOUR NORTH	LS	ALL REQ'D
643.0033.0000	DETOUR SOUTH	LS	ALL REQ'D
644.0001.0000	FIELD OFFICE	LS	ALL REQ'D
644.0002.0000	FIELD LABORATORY	LS	ALL REQ'D
644.2004.0000	ENGINEERING COMMUNICATIONS	CS	ALL REQ'D
644.2007.0000	VEHICLE (LT/SUV)	EACH	2
645.0001.0000	TRAINING PROGRAM, 1 TRAINEES/APPRENTICES	LH	500
646.0001.0000	CPM SCHEDULING	LS	ALL REQ'D
647.2000.0000	WIDE PAD DOZER, 65-HP MINIMUM	CS	ALL REQ'D
647.2002.0000	BACKHOE, 4WD, 1 CY BUCKEY, 75-HP MINIMUM, 15 FT DEPTH	CS	ALL REQ'D
654.2002.0000	EAGLE MONITORING	CS	ALL REQ'D
670.2003.0000	MMA PAVEMENT MARKINGS, LONGITUDINAL SURFACE APPLIED	LF	21,600
670.2006.0000	MMA PAVEMENT MARKINGS, LONGITUDINAL INLAID	LF	25,200
670.2007.0000	MMA PAVEMENT MARKINGS, SYMBOLS AND ARROW(S) INLAID	EACH	3
682.2000.0000	VAC-TRUCK POTHOLE	CS	ALL REQ'D
683.2008.0000	SAFETY OBSERVER - ELECTRICAL LINE WATCH	CS	ALL REQ'D
690.2001.0000	WATERWAY BED FILL	LF	350
690.2003.0000	WATERWAY BANK REVEGETATION AND PROTECTION	LF	130

TABLE OF ESTIMATING FACTORS		
ITEM NO.	DESCRIPTION	ESTIMATING FACTOR
203.0006.000A	BORROW, TYPE A	144 LB/CF
301.0001.00D1	AGGREGATE BASE COURSE, GRADING D-1	144 LB/CF
306.0001.0000	ATB	151 LB/CF
306.0002.5240	ASPHALT BINDER, GRADE PG 52-40 E	5.30%
401.0001.002A	HMA, TYPE II; CLASS A	151 LB/CF
401.0004.5240	ASPHALT BINDER, GRADE PG 52-40 E	5.30%
401.0005.0025	HMA, TEMPORARY, TYPE II; CLASS B	151 LB/CF
608.2002.0000	ASPHALT PATHWAY	151 LB/CF
611.0002.0003	RIPRAP, CLASS III	108 LB/CF



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

**SEWARD HIGHWAY MP 90-99
PAVEMENT PRESERVATION
PHASE 2**

ESTIMATE OF QUANTITIES

DESIGNED BY
CHECKED BY
DRAFTED BY

SCALE
X" = XX'

DATE
9/15/2025 2:25 PM

TIME

DRAWING LOCATION
D:\PW\SEFILE\DM50656A\PL-23-004-02-D SHEETS PH2.DWG

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0A31066/CFHWY00850	2025	D1	D3

201.0009.0000 – CLEARING AND GRUBBING					
SHEET	START STATION	END STATION	OFFSET SIDE	AREA (SF)	REMARKS
F4	1305+68	1306+45	LT	1,917.76	FISH PASSAGE
F4	1305+69	1306+44	RT	2,045.22	FISH PASSAGE
F4	1305+66	1306+43	RT	4,914.13	FISH PASSAGE
TOTAL:				8,877.11	

202.0004.0000 – REMOVAL OF CULVERT PIPE					
SHEET	PIPE NO.	STATION	OFFSET SIDE	LENGTH (LF)	REMARKS
F1	P370	1221+87	RT	5	INLAND END OF PIPE
F3	P380	1279+59	RT/LT	2	COASTAL END OF PIPE
TOTAL:				7	

202.2016.0000 – ABANDON PIPE IN PLACE, STORM DRAIN					
SHEET	PIPE NO.	STATION	OFFSET SIDE	LENGTH (LF)	REMARKS
F4	P400	1307+95	RT/LT	222	
TOTAL:				222	

203.2038.0000 – DITCH LINEAR GRADING					
SHEET	BEGIN STATION	END STATION	OFFSET SIDE	LENGTH (STA)	REMARKS
F2	1241+41	1245+44	RT	4.0	
F4	1306+07	1306+21	RT	0.6	
TOTAL:				4.6	
PAY ITEM QUANTITY:				5	

406.0002.0000 – RUMBLE STRIPS					
SHEET	START STATION	END STATION	OFFSET SIDE	LENGTH (STA)	REMARKS
F1	1220+00	1233+00	RT	13.0	
F1	1220+00	1233+00	CL	13.0	
F1	1220+00	1233+00	LT	13.0	
F2	1233+00	1259+00	RT	26.0	
F2	1233+00	1259+00	CL	26.0	
F2	1233+00	1259+00	LT	26.0	
F3	1259+00	1285+00	RT	26.0	
F3	1259+00	1285+00	CL	26.0	
F3	1259+00	1285+00	LT	26.0	
F4	1285+00	1311+00	RT	26.0	
F4	1285+00	1311+00	CL	26.0	
F4	1285+00	1311+00	LT	26.0	
F5	1311+00	1331+80	RT	20.8	
F5	1311+00	1331+80	CL	20.8	
F5	1311+00	1331+80	LT	20.8	
TOTAL:				335.4	
PAY ITEM QUANTITY:				336	

602.0001.0096, 603.0001.0036, 603.0003.0036, 603.2019.0048, 603.2023.0048, 604.0001.0003 – CULVERTS AND END SECTIONS												
SHEET	PIPE NO.	FROM		TO		PIPE LENGTH			LINER	END SECTION	MANHOLE	REMARKS
		STATION	OFFSET	STATION	OFFSET	602.0001.0096 STRUCTURAL PLATE PIPE 96" (LF)	603.0001.0036 CSP 36 INCH (LF)	603.2032.0048 CORRUGATED HDPE 48 INCH (LF)	603.2019.0048 LINER FOR STORM DRAIN 48 INCH (LF)	603.0003.0036 CSP 36 INCH (EACH)	604.0001.0003 TYPE III (EACH)	
E8		14+95	104.7 RT	15+38	90.6 LT			29	171			CAMP ROAD
F1	P370	1221+87	35.5 RT	1221+87	30.5 RT		5			1		
F4	P390	1305+95	113.5 RT	1307+96	131.5 LT	264					3	FISH PASSAGE
STRUCTURAL PLATE PIPE 96" DIAMETER, 10 GAUGE TOTAL:						264						
CSP 36 INCH TOTAL:							5					
CORRUGATED HDPE PIPE 48 INCH TOTAL:								29				
LINER FOR STORM DRAIN 48 INCH TOTAL:									171			
END SECTION FOR CSP 36 INCH TOTAL:										1		
STORM SEWER MANHOLE, TYPE III TOTAL:											3	



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

SEWARD HIGHWAY MP 90–99
PAVEMENT PRESERVATION
PHASE 2

SUMMARY TABLES

606.0001.0000, 606.0006.0000 – W–BEAM GUARDRAIL							
SHEET	START STATION	END STATION	OFFSET SIDE	606.0006.0000	606.0001.0000	CASE*	REMARKS
				REMOVE GUARDRAIL (LF)	W–BEAM GUARDRAIL (LF)		
F4	1305+52.3	1306+64.8	LT	112.5	112.5	5	
REMOVING AND DISPOSING OF GUARDRAIL TOTAL:				112.5			
W–BEAM GUARDRAIL TOTAL:					112.5		

608.2002.0000 – ASPHALT PATHWAY					
SHEET	BEGIN STATION	END STATION	OFFSET SIDE	WEIGHT (TONS)	REMARKS
F4	1305+65	1306+43	RT	9.67	
TOTAL:				9.67	
PAY ITEM QUANTITY:				10	

611.0002.0003 – RIPRAP, CLASS III					
SHEET	START STATION	END STATION	OFFSET SIDE	WEIGHT (TONS)	REMARKS
E2	1035+24	1036+10	LT	947.86	VIEWPOINT #3, SITE #2
E2	1037+34	1038+81	LT	1883.26	VIEWPOINT #3, SITE #3
E2	1135+45	1135+60	LT	229.79	COASTAL INSPECTION MEMO, SITE #4
E8	2+56	2+76	LT/RT	558.26	CAMP ROAD
F4	1305+66	1306+47	LT	1649.11	FISH PASSAGE
TOTAL:				5,268.27	
PAY ITEM QUANTITY:				5,270	

618.0002.0000 – SEEDING					
SHEET	BEGIN STATION	END STATION	OFFSET SIDE	WEIGHT (LB)	REMARKS
F4	1305+69	1306+45	LT	2.88	
F4	1305+70	1306+43	RT	3.07	
F4	1305+67	1306+43	RT	2.82	
TOTAL:				8.77	
PAY ITEM QUANTITY:				9	

618.2002.000B – SEEDING – WETLAND					
SHEET	BEGIN STATION	END STATION	OFFSET SIDE	WEIGHT (LB)	REMARKS
F4	1305+85	1307+03	LT	8.94	
TOTAL:				8.94	
PAY ITEM QUANTITY:				9	

620.0001.0000 – TOPSOIL					
SHEET	BEGIN STATION	END STATION	OFFSET SIDE	AREA (SY)	REMARKS
F4	1305+69	1306+45	LT	213.08	
F4	1305+70	1306+43	RT	227.25	
F4	1305+67	1306+43	RT	209.16	
F4	1305+85	1307+03	RT	662.14	
TOTAL:				1,311.63	
PAY ITEM QUANTITY:				1,320	

639.2000.0000 – APPROACH							
SHEET	STATION	OFFSET SIDE	WIDTH (LF)	LENGTH (LF)	LEFT RADIUS (FT)	RIGHT RADIUS (FT)	REMARKS
F2	1241+23.8	LT	25.7	13.2	15	15	DRIVEWAY
F3	1263+37.1	RT	19.5	24.3	20	26	DRIVEWAY
F4	1310+43.3	LT	17.5	20.0	20	20	DRIVEWAY
TOTAL (EACH):		3					



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

SEWARD HIGHWAY MP 90–99
PAVEMENT PRESERVATION
PHASE 2

SUMMARY TABLES

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0A31066/CFHWY00850	2025	D3	D3

642.0011.0000 – ADJUST EXISTING MONUMENT CASE			
SHEET	NO.	STATION	OFFSET
A11	742	1223+95.69	0.00
A11	743	1228+75.12	0.00
A11	744	1246+77.14	0.00
A11	745	1251+69.67	0.00
A11	746	1255+68.32	0.00
A12	747	1266+27.93	0.00
A12	748	1276+52.69	0.00
A12	749	1292+07.68	0.00
A12	750	1295+43.23	0.00
A12	751	1305+64.88	0.00
A12	752	1315+49.11	0.00
TOTAL (EACH):			11

690.2001.0000 – WATERWAY BED FILL					
SHEET	START STATION	END STATION	OFFSET SIDE	LENGTH (LF)	REMARKS
F4	1306+07	1306+21	RT	61.39	STREAMBED
F4	1306+07	1306+07	LT/RT	258.00	CULVERT
F4	1306+24	1306+04	LT/RT	23.87	OUTLET CHANNEL
TOTAL:				343.26	
PAY ITEM QUANTITY:				350	

690.2003.0000 – WATERWAY BANK REVEGETATION AND PROTECTION					
SHEET	START STATION	END STATION	OFFSET SIDE	LENGTH (LF)	REMARKS
F4	1305+85	1306+09	RT	71.81	
F4	1306+28	1306+30	RT	56.09	
TOTAL:				127.90	
PAY ITEM QUANTITY:				130	



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

SEWARD HIGHWAY MP 90–99
PAVEMENT PRESERVATION
PHASE 2

SUMMARY TABLES

DESIGNED BY
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DRAFTED BY

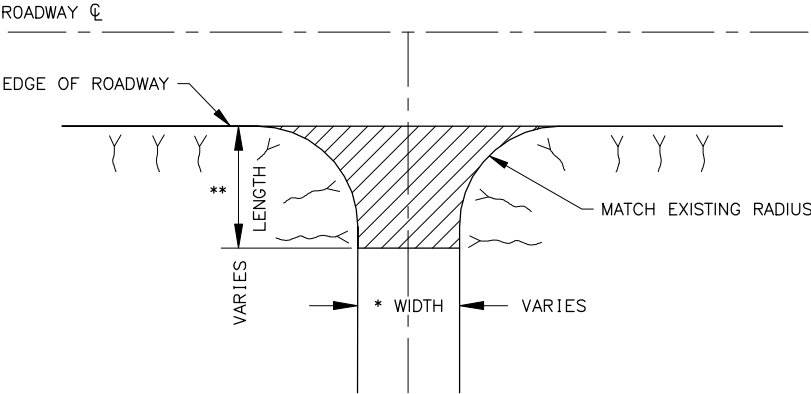
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9/15/2025

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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0A31066/CFHWY00850	2025	E1	E8



APPROACH/DRIVEWAY PLAN VIEW

* MATCH EXISTING WIDTH OR AS DIRECTED BY THE ENGINEER.
** PAVE TO RADIUS RETURN OR AS DIRECTED BY THE ENGINEER.

STATE OF ALASKA
49th
PLANS IN HAND
PROJECT ENGINEER
0000
REGISTERED PROFESSIONAL ENGINEER

PLANS DEVELOPED BY:
LOUNSBURY & ASSOCIATES, INC.
3230 C. ST., SUITE 201,
ANCHORAGE, AK 99503
(907) 272-5451
CERTIFICATE OF AUTHORITY NO. AECC391

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
**SEWARD HIGHWAY MP 90-99
PAVEMENT PRESERVATION
PHASE 2**

DETAILS

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CHECKED BY
DRAFTED BY

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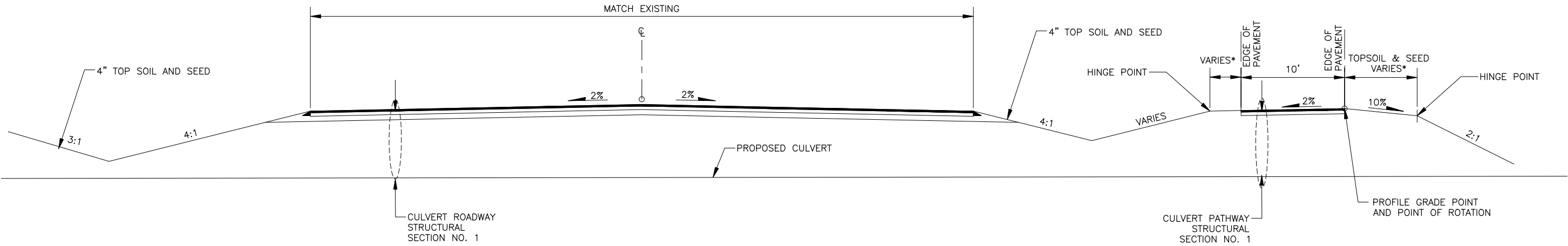
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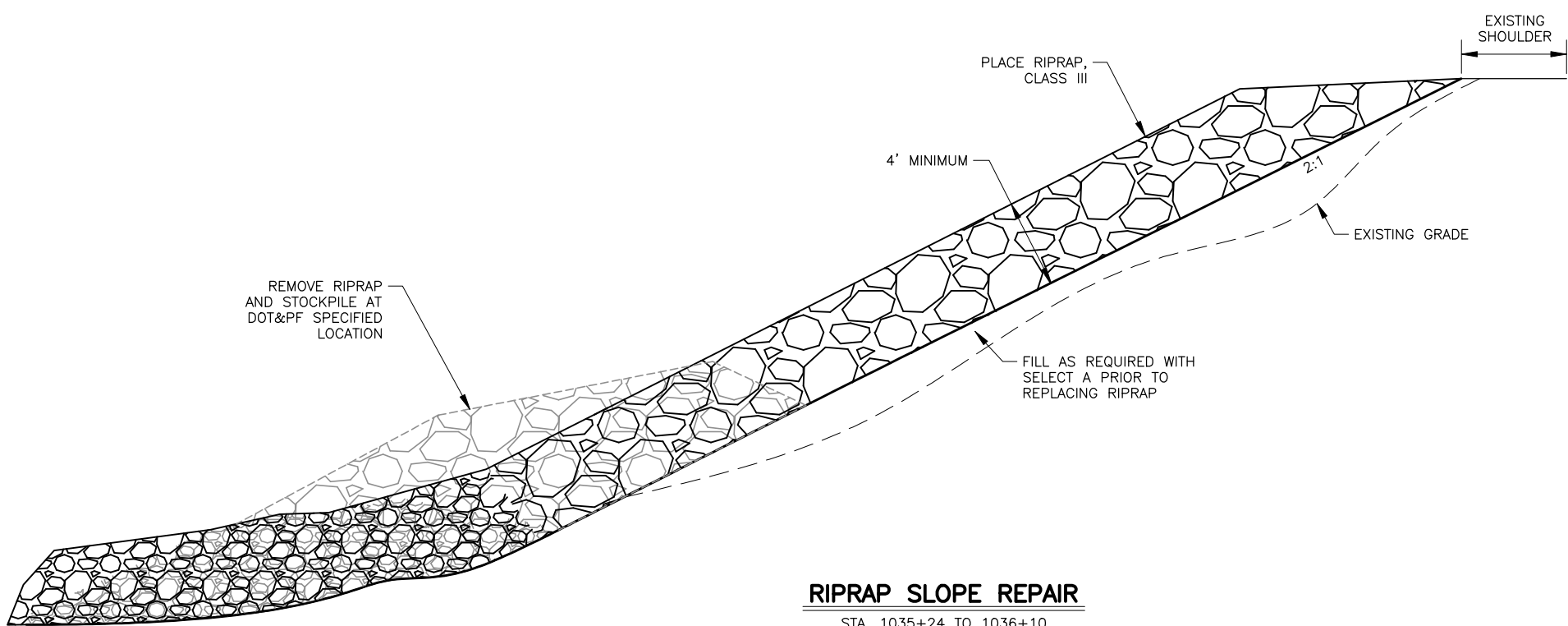
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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
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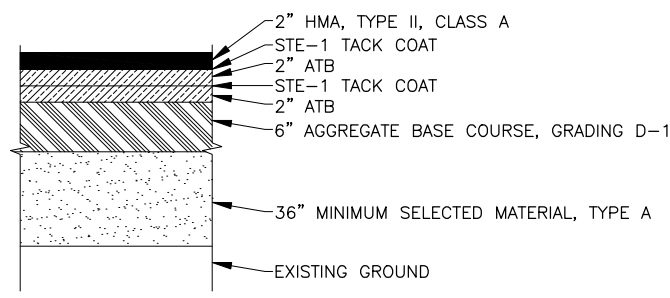


CULVERT SECTION

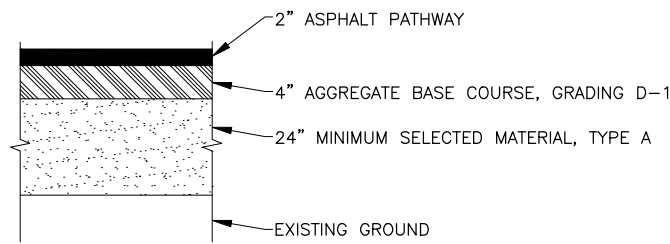


RIPRAP SLOPE REPAIR

STA. 1035+24 TO 1036+10
STA. 1037+34 TO 1038+81
STA. 1135+45 TO 1135+60



CULVERT ROADWAY STRUCTURAL SECTION NO. 1



CULVERT PATHWAY STRUCTURAL SECTION NO. 1



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

SEWARD HIGHWAY MP 90-99
PAVEMENT PRESERVATION
PHASE 2

REVETMENT DETAILS

DESIGNED BY
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DRAFTED BY

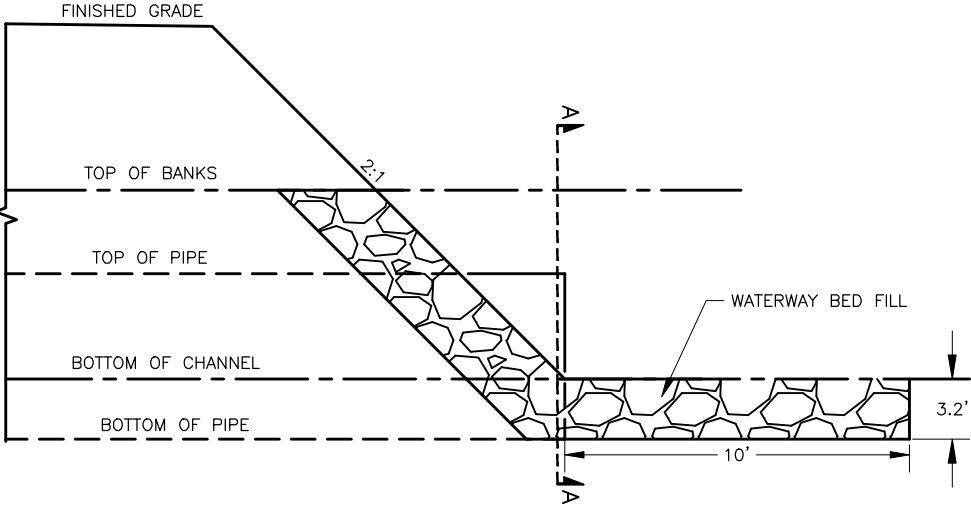
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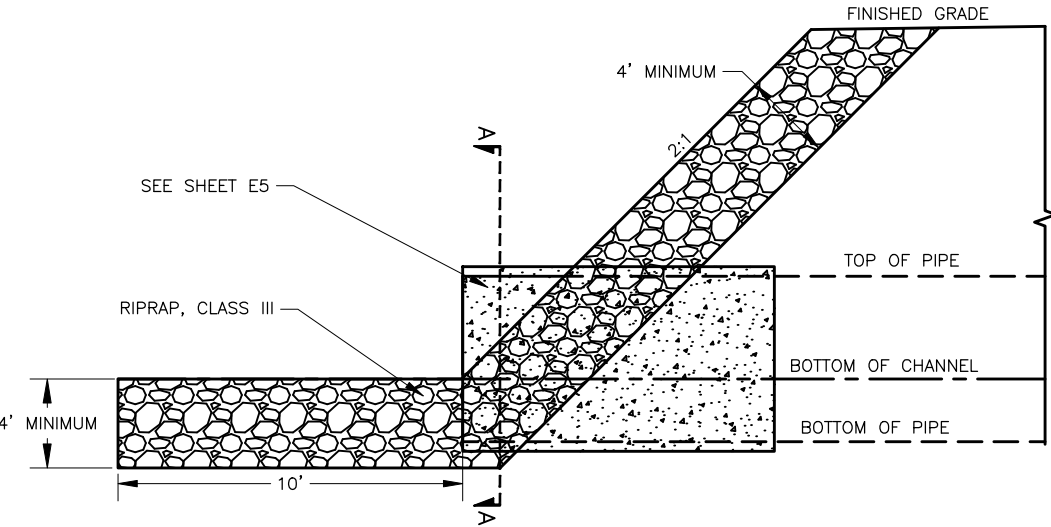
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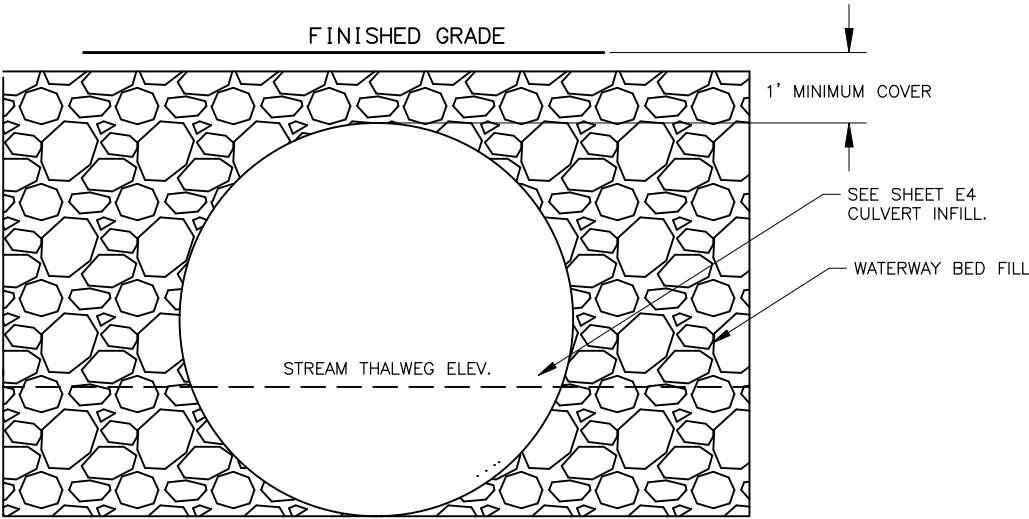
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0A31066/CFHWY00850	2025	E3	E8



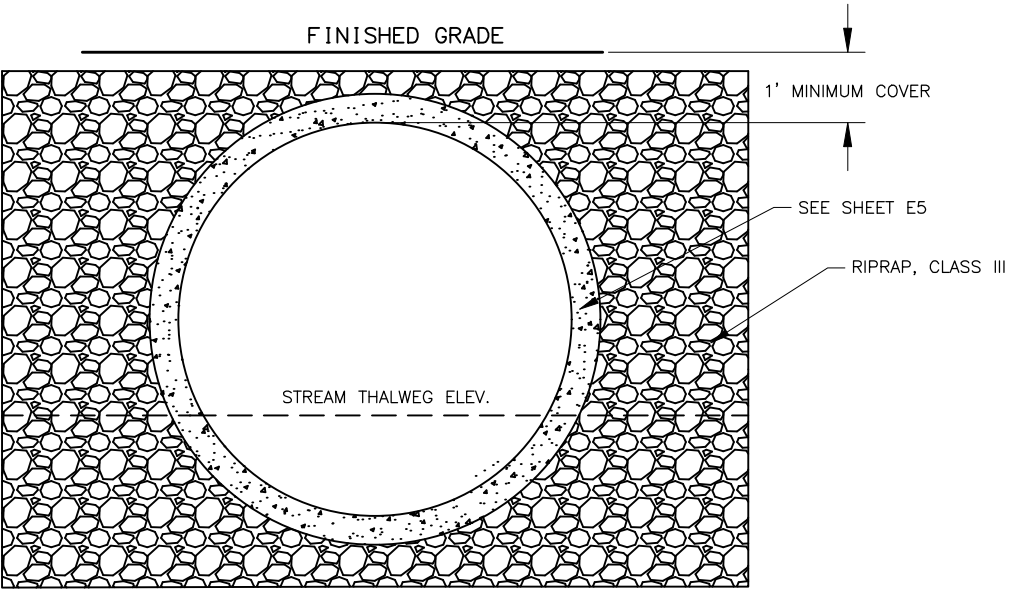
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OUTLET: CULVERT PROTECTION SECTION



INLET: CULVERT COLLAR SECTION A-A



OUTLET: CULVERT PROTECTION SECTION A-A

INLET: CULVERT COLLAR

OUTLET: CULVERT PROTECTION

- NOTES:**
- 1. CONSTRUCT END TREATMENT AS DETAILED ON SHEET E5.
 - 2. SEE SECTION 690 OF THE SPECIAL PROVISIONS FOR CHANNEL CONSTRUCTION REQUIREMENTS.



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

**SEWARD HIGHWAY MP 90-99
PAVEMENT PRESERVATION
PHASE 2**

**FISH PASSAGE CULVERT
END PROTECTION DETAILS**

DESIGNED BY
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DRAFTED BY

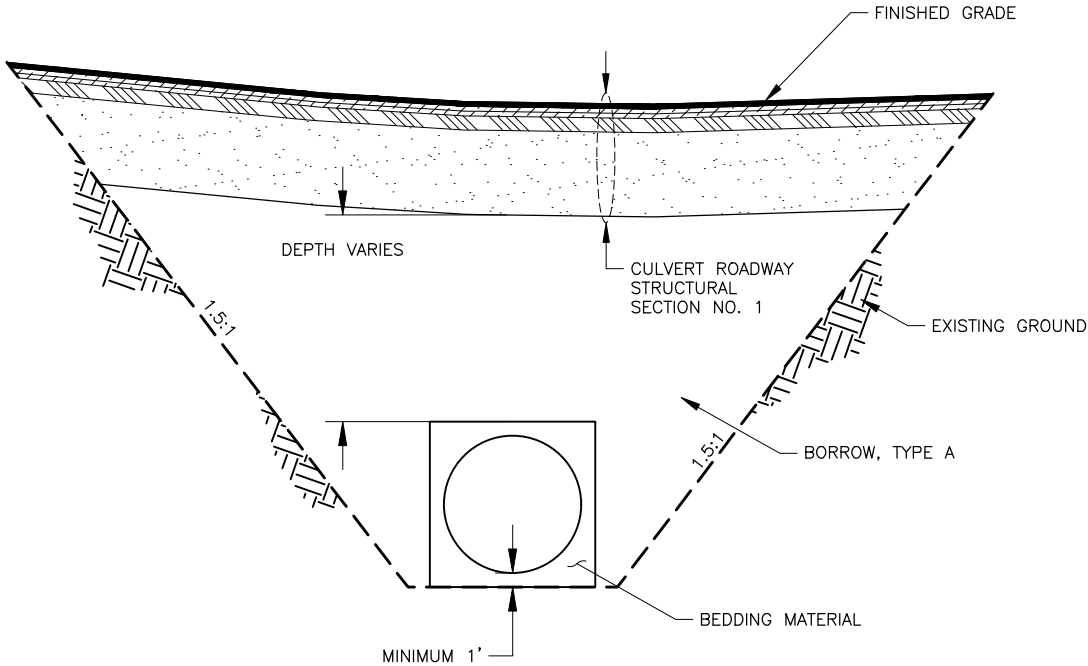
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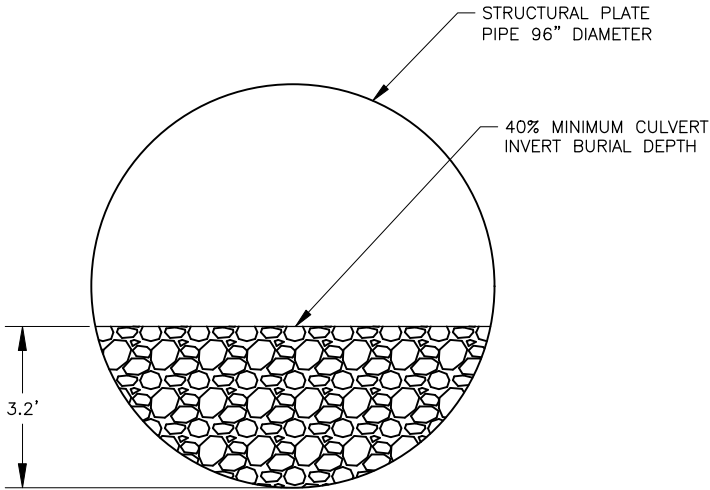
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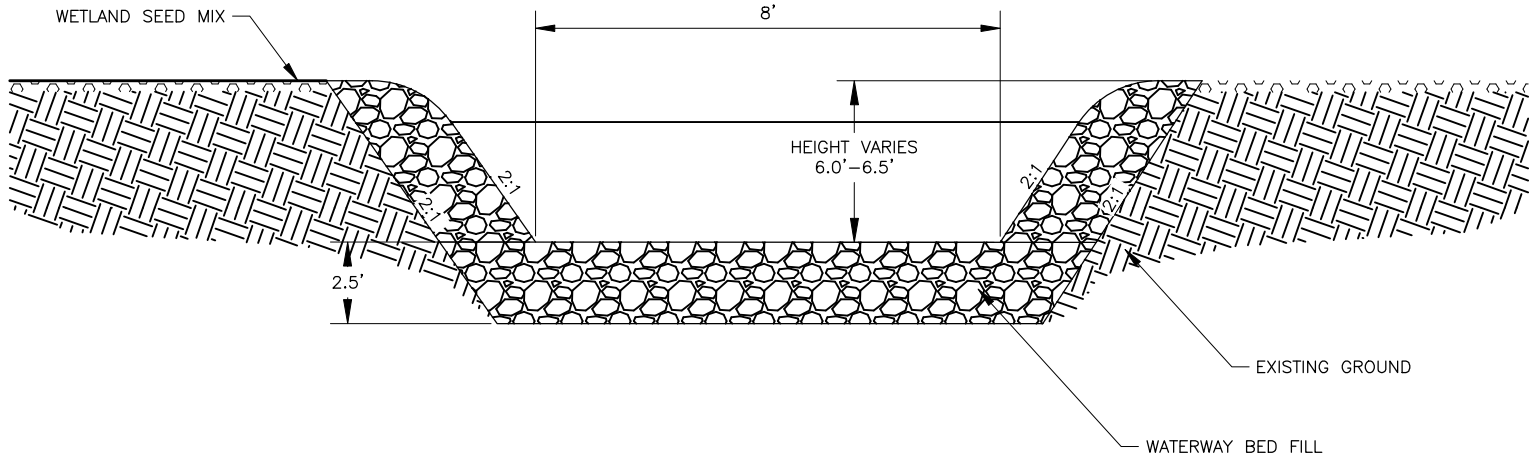
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0A31066/CFHWY00850	2025	E4	E8



PIPE BEDDING & BACKFILL – FISH PASSAGE CULVERT
N.T.S.



CULVERT INFILL DETAIL
N.T.S.



UPSTREAM CHANNEL
N.T.S.



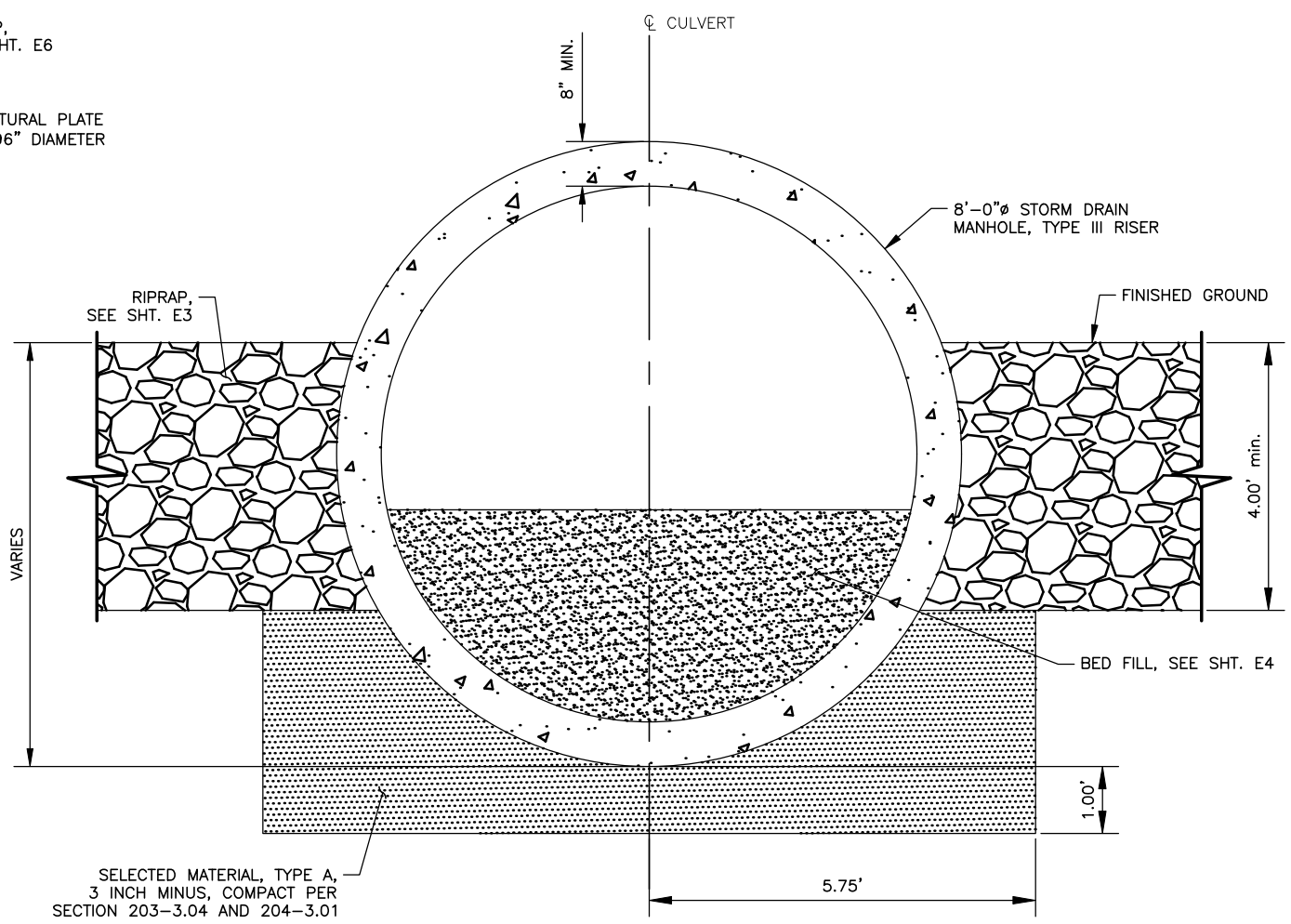
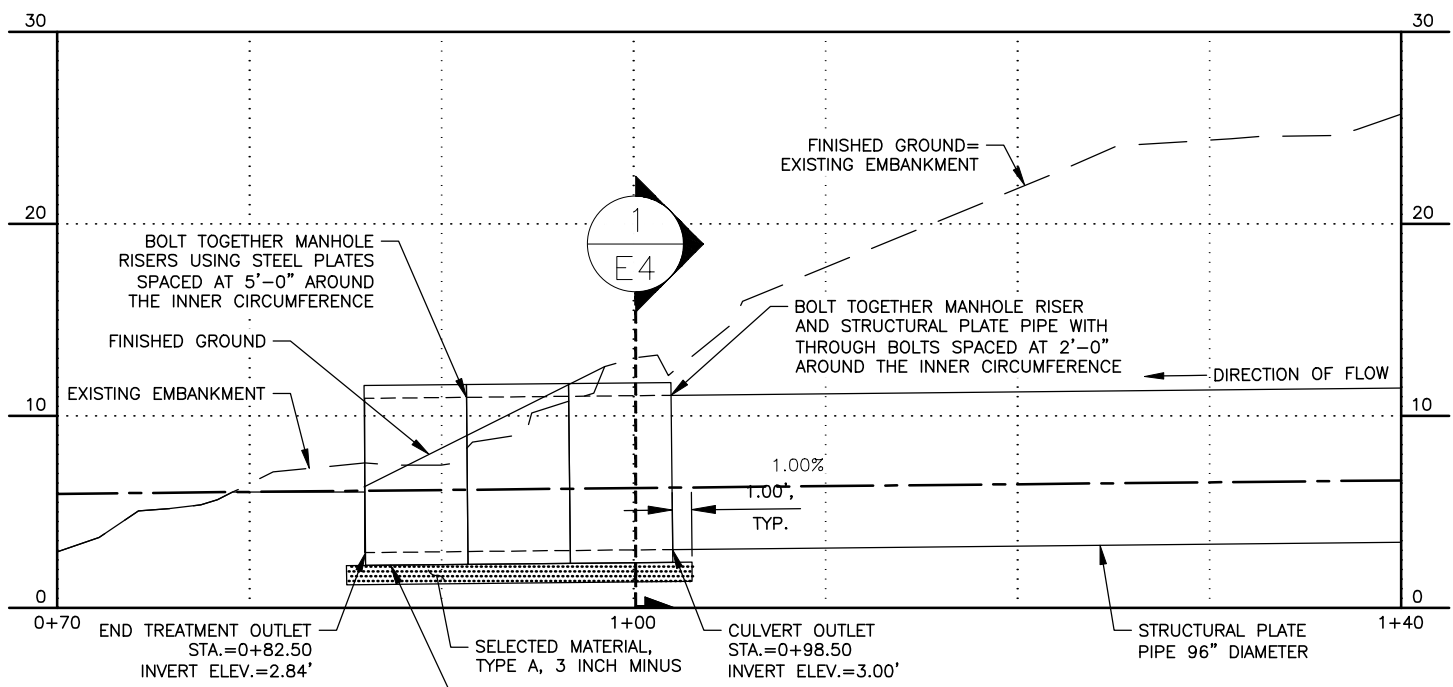
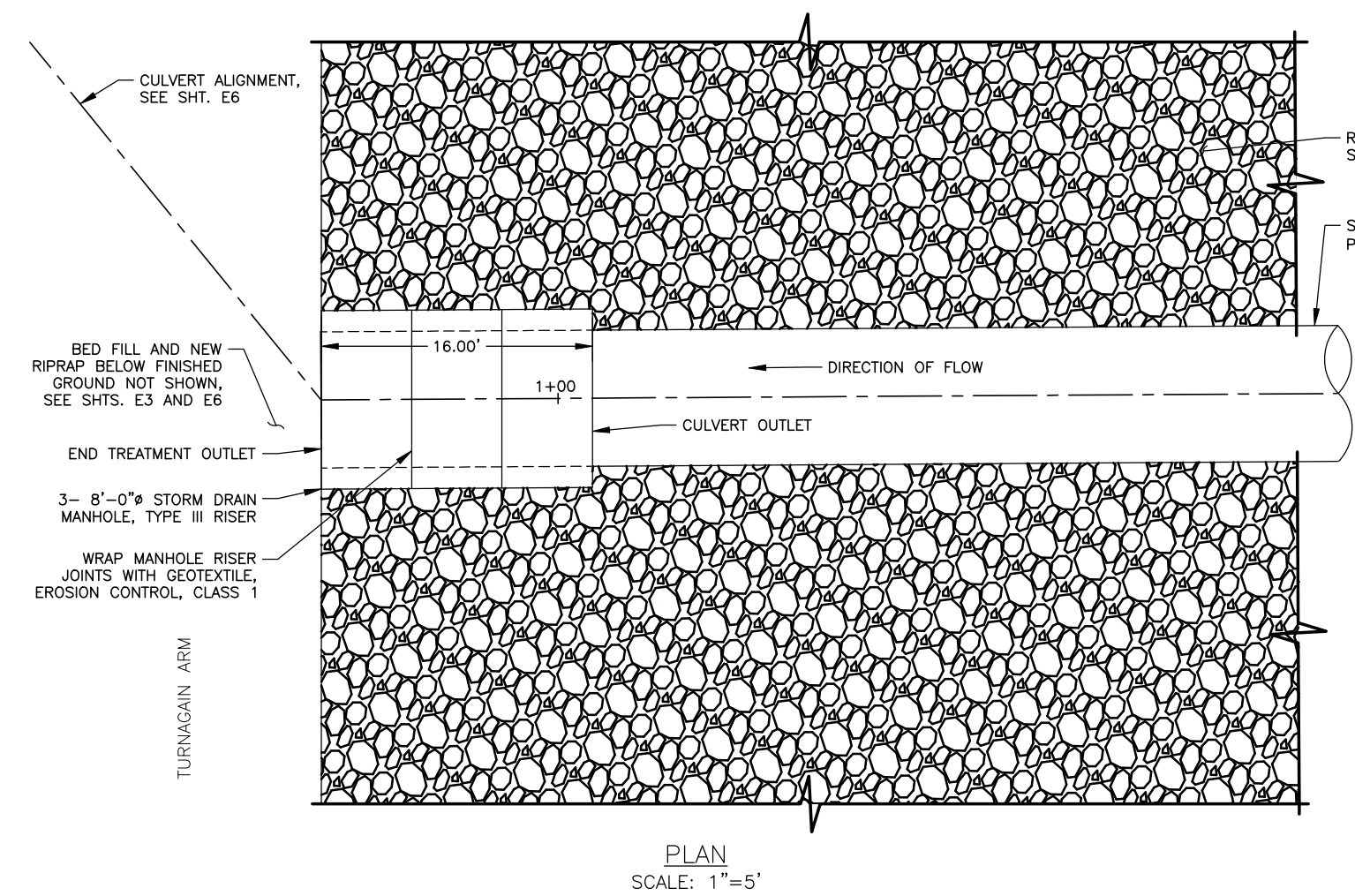
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

**SEWARD HIGHWAY MP 90–99
PAVEMENT PRESERVATION
PHASE 2**

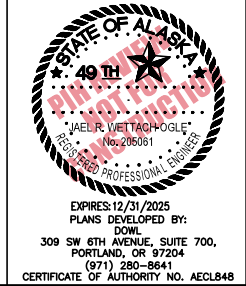
FISH PASSAGE DETAILS

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TIME
DATE
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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0A31066/CFHWY00850	2025	E5	E8



- NOTES:
- SEE ASP D-37.10 FOR STORM DRAIN MANHOLE, TYPE III RISER DETAILS NOT SHOWN.
 - PROVIDE 0.27 IN²/FT OF REINFORCEMENT MIN. (I.E. #4 @ 8" CENTERS) IN MANHOLE RISERS
 - DO NOT CONSTRUCT STEPS IN MANHOLE RISER.
 - SUBMIT WORK PLAN FOR APPROVAL PRIOR TO CONSTRUCTION

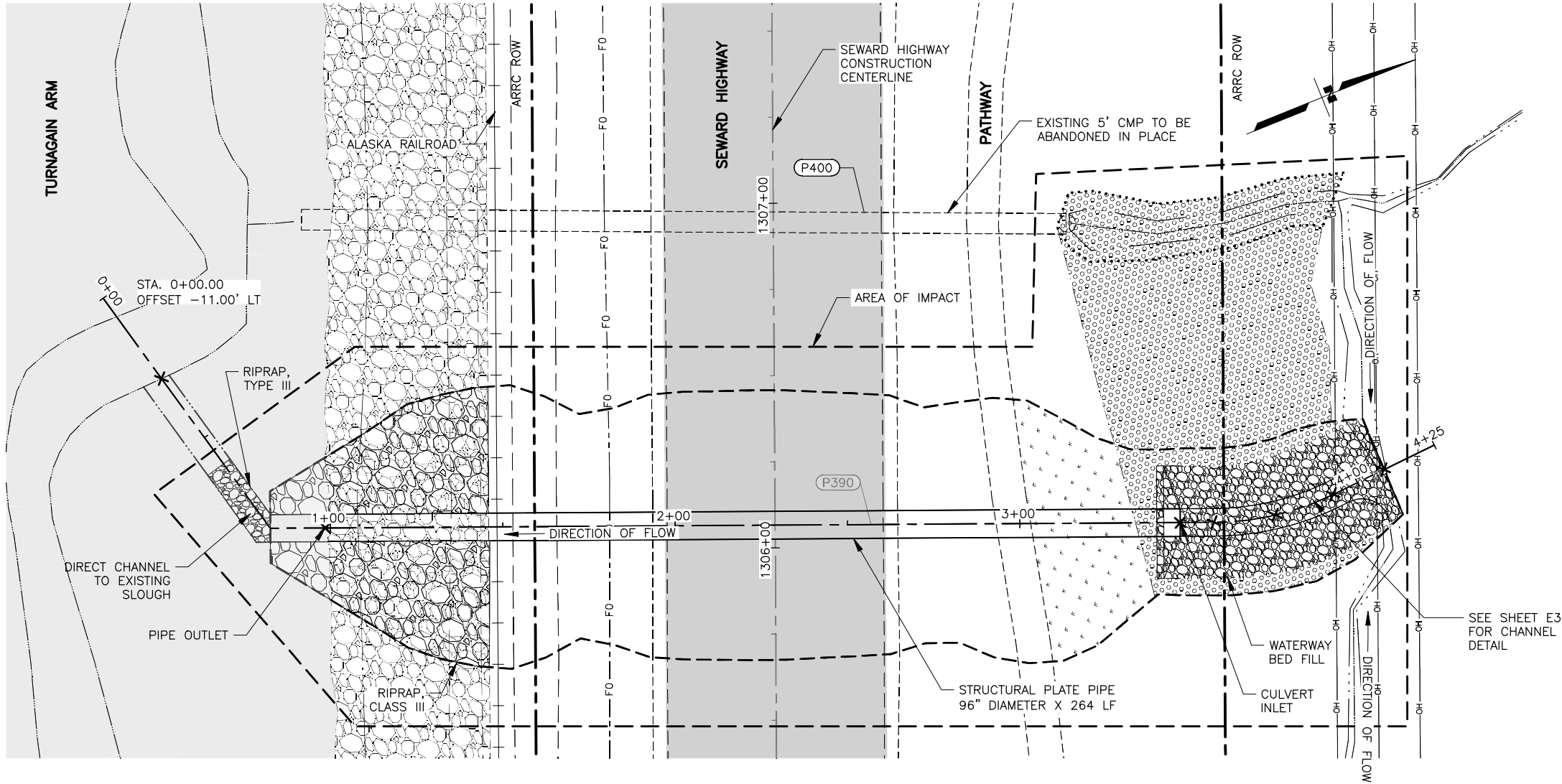


STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
**SEWARD HIGHWAY MP 90-99
PAVEMENT PRESERVATION
PHASE 2
FISH PASSAGE
END TREATMENT**

NOTE:
ELEVATIONS SHOWN ARE BASED ON
NATIONAL GEODETIC VERTICAL DATUM
OF 1929 (NGVD 1929).

- NOTES:
- SEE SHT. E3 FOR RIPRAP AT OUTLET.
 - SEE SHTS. E4 AND E6 FOR CULVERT BED FILL.
 - BED FILL AND NEW RIPRAP, NOT SHOWN.

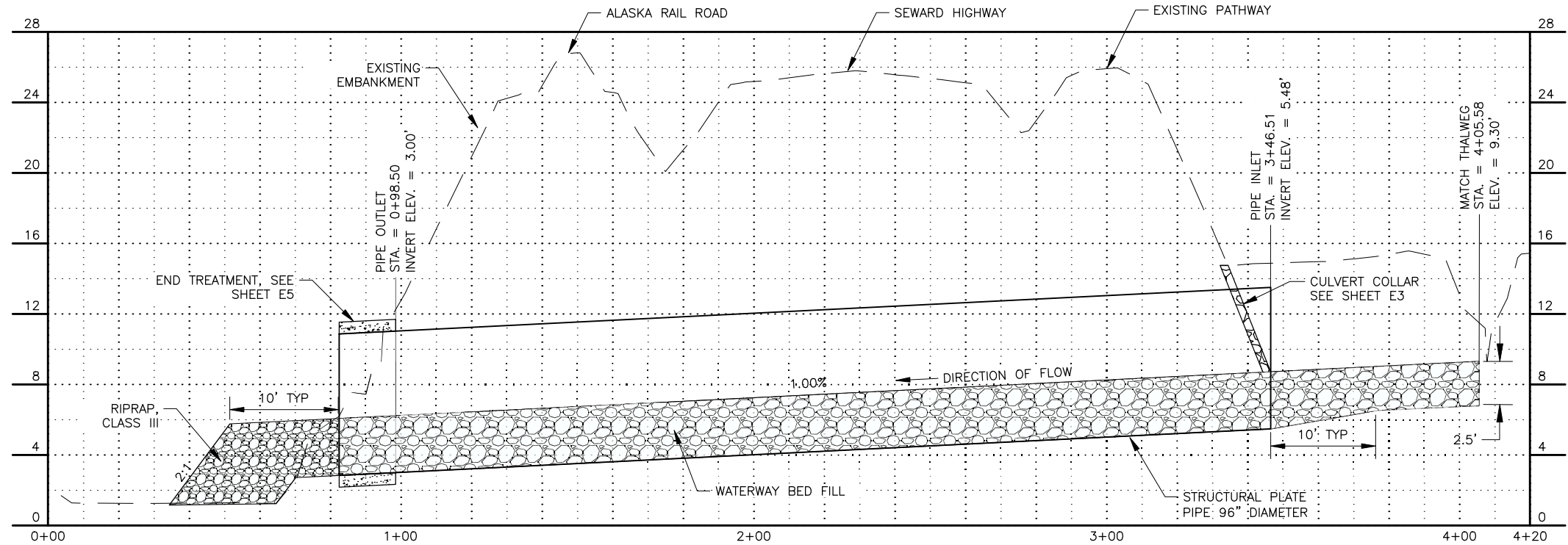
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0A31066/CFHWY00850	2025	E6	E8



CONSTRUCTION POINTS		
POINT #	STATION	REMARKS
1	0+29	TIE INTO EXISTING CHANNEL
2	0+98	PIPE OUTLET
3	3+46	PIPE INLET
4	3+56	PC
5	3+74	PI
6	3+92	PT
7	4+06	TIE INTO EXISTING STREAM BANK

HYDROLOGIC & HYDRAULIC SUMMARY	
DRAINAGE AREA	0.87 SQUARE MILES
EXCEEDANCE PROBABILITY	1%
RETURN PERIOD	100-YEAR (Q_{100})
DESIGN DISCHARGE	170 CFS
DESIGN HIGH WATER ELEVATION	13.5 FT
ANTICIPATED ADDITIONAL BACKWATER	-5.9 FT

- NOTES:**
- CONSTRUCT HEADWALL PER STANDARD DRAWING D-31.01.
- STAGING NOTES:**
- INSTALL TRAFFIC CONTROL.
 - INSTALL EROSION AND SEDIMENT CONTROL DEVICES.
 - IMPLEMENT THE TEMPORARY TRAFFIC CONTROL PLAN.
 - INSTALL PROPOSED CULVERT.
 - BUILD PROPOSED CHANNEL.
 - ABANDON EXISTING PIPE IN PLACE.
 - FILL IN EXISTING CHANNEL WITH WETLAND FILLS EXCAVATED FROM PROPOSED CHANNEL OR SELECTED MATERIAL, TYPE C.



LEGEND:

- RIPRAP, CLASS III
- CONCRETE
- WATERWAY BED FILL
- STANDARD SEED MIX
- WETLAND SEED MIX

STATE OF ALASKA

49th

PLANS IN HAND

PROJECT ENGINEER

0000

REGISTERED PROFESSIONAL ENGINEER

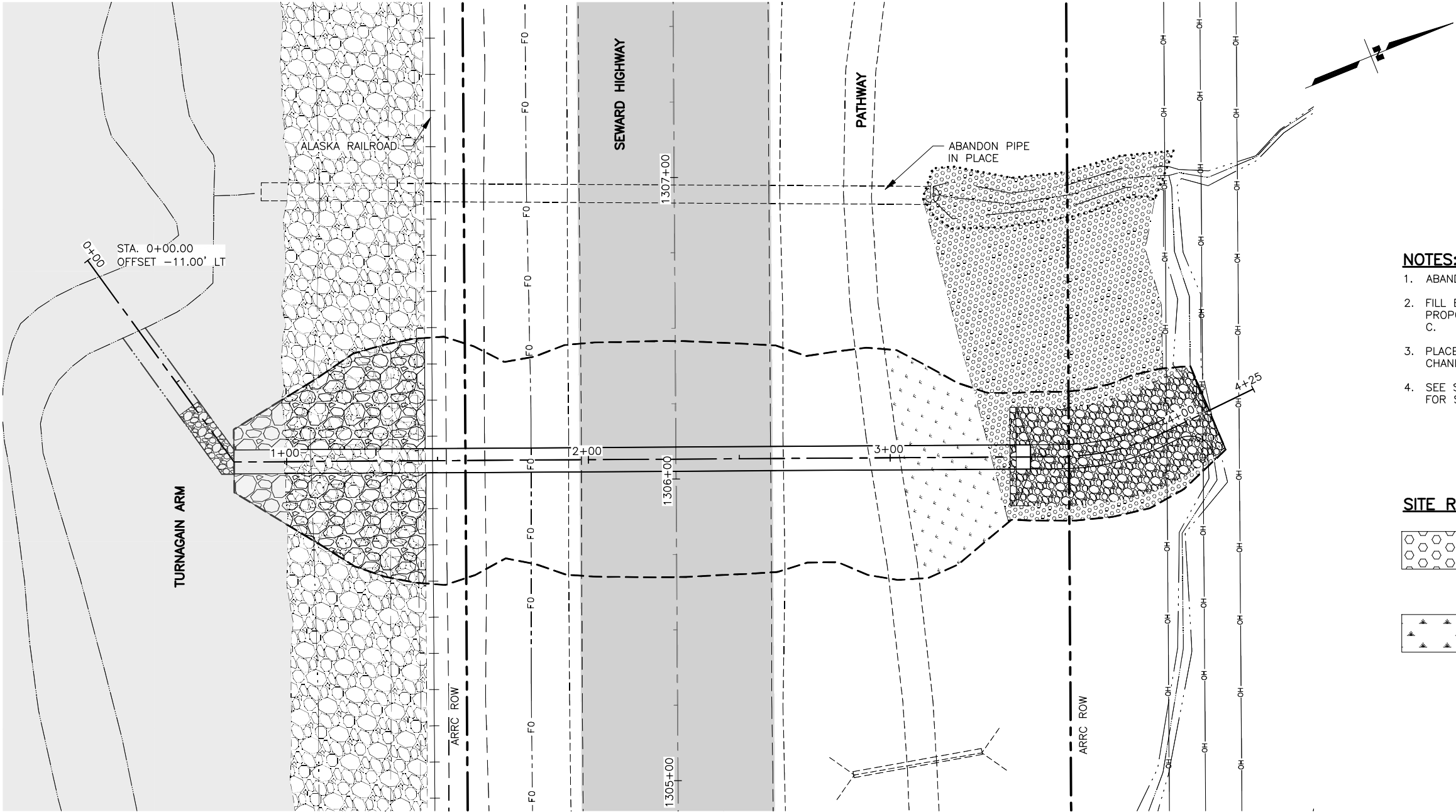
PLANS DEVELOPED BY:
LOUNSBURY & ASSOCIATES, INC.
3230 C ST., SUITE 201,
ANCHORAGE, AK 99503
(907) 272-5451
CERTIFICATE OF AUTHORITY NO. AECC391

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

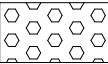
SEWARD HIGHWAY MP 90-99
PAVEMENT PRESERVATION
PHASE 2

FISH PASSAGE
PLAN AND PROFILE

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0A31066/CFHWY00850	2025	E7	E8



- NOTES:**
- ABANDON EXISTING CULVERT IN PLACE.
 - FILL EXISTING CHANNEL WITH WETLAND FILLS FROM PROPOSED CHANNEL OF SELECTED MATERIAL, TYPE C.
 - PLACE RIPARIAN TOPSOIL AND SEED ON FILLED CHANNEL.
 - SEE SECTION 618 OF THE SPECIAL PROVISIONS FOR SEEDING REQUIREMENTS.

- SITE REVEGETATION:**
- 

DISTURBED RIPARIAN AREAS: AFTER CONSTRUCTION IS COMPLETED, TOPSOIL AND SEED ALL CREEK AREAS USING "RIPARIAN" SEED MIX AS SPECIFIED IN THE SPECIAL PROVISIONS. RIPARIAN AREAS FOR THIS PROJECT ARE DEFINED AS FROM EDGE OF VEGETATIVE MAT TO 10 FEET OUTSIDE THE BANK.
- 

DISTURBED AREA: COVER WITH 4 INCHES OF TOPSOIL, TRACKWALK AND SEED AS SPECIFIED IN THE SPECIAL PROVISIONS.



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

**SEWARD HIGHWAY MP 90-99
PAVEMENT PRESERVATION
PHASE 2**

**FISH PASSAGE
REVEGETATION PLAN**

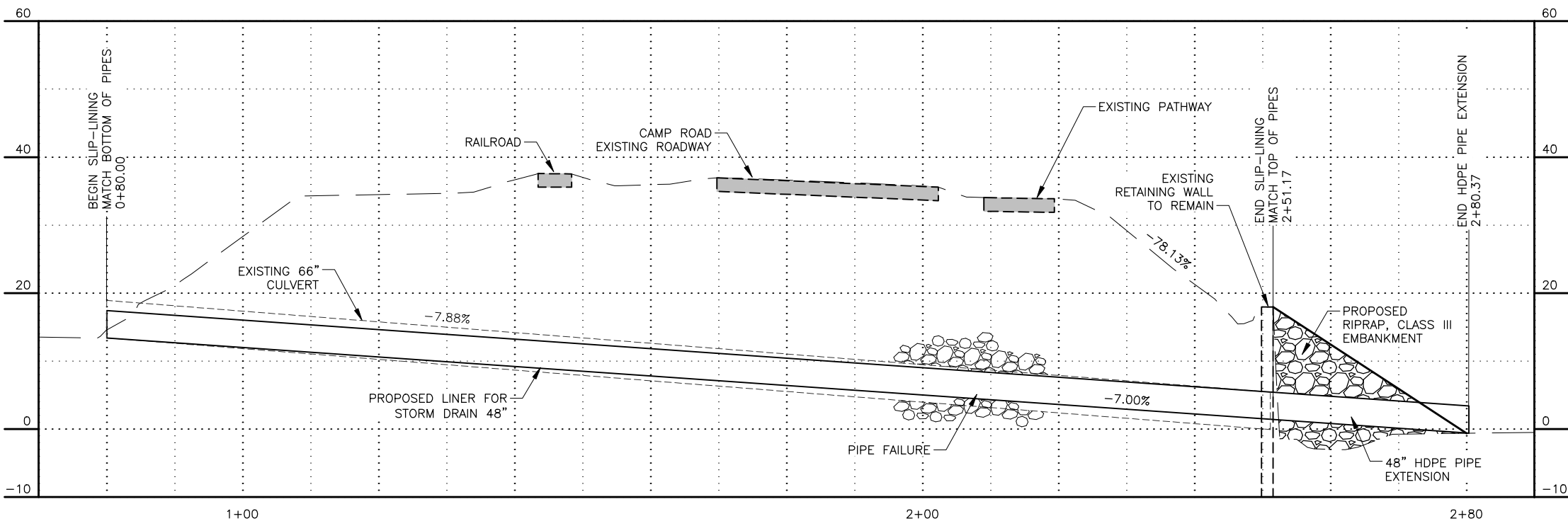
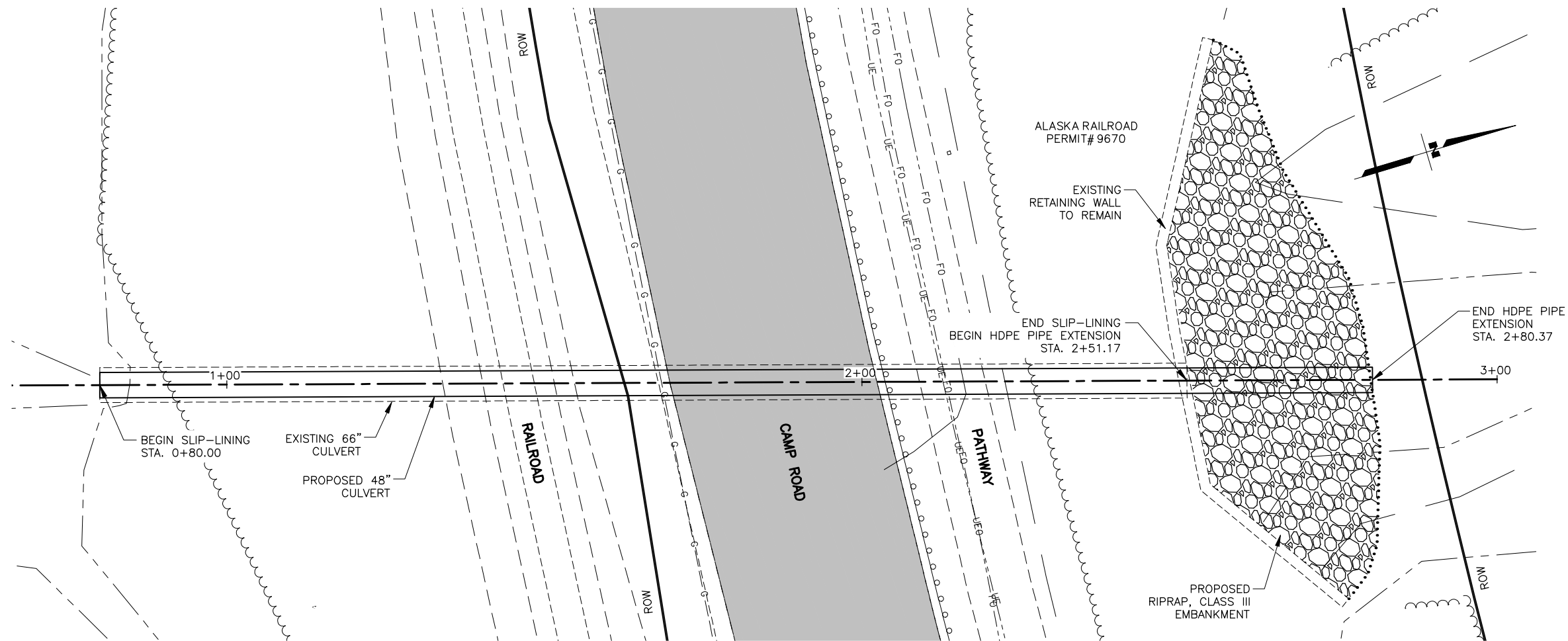
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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0A31066/CFHWY00850	2025	E8	E8

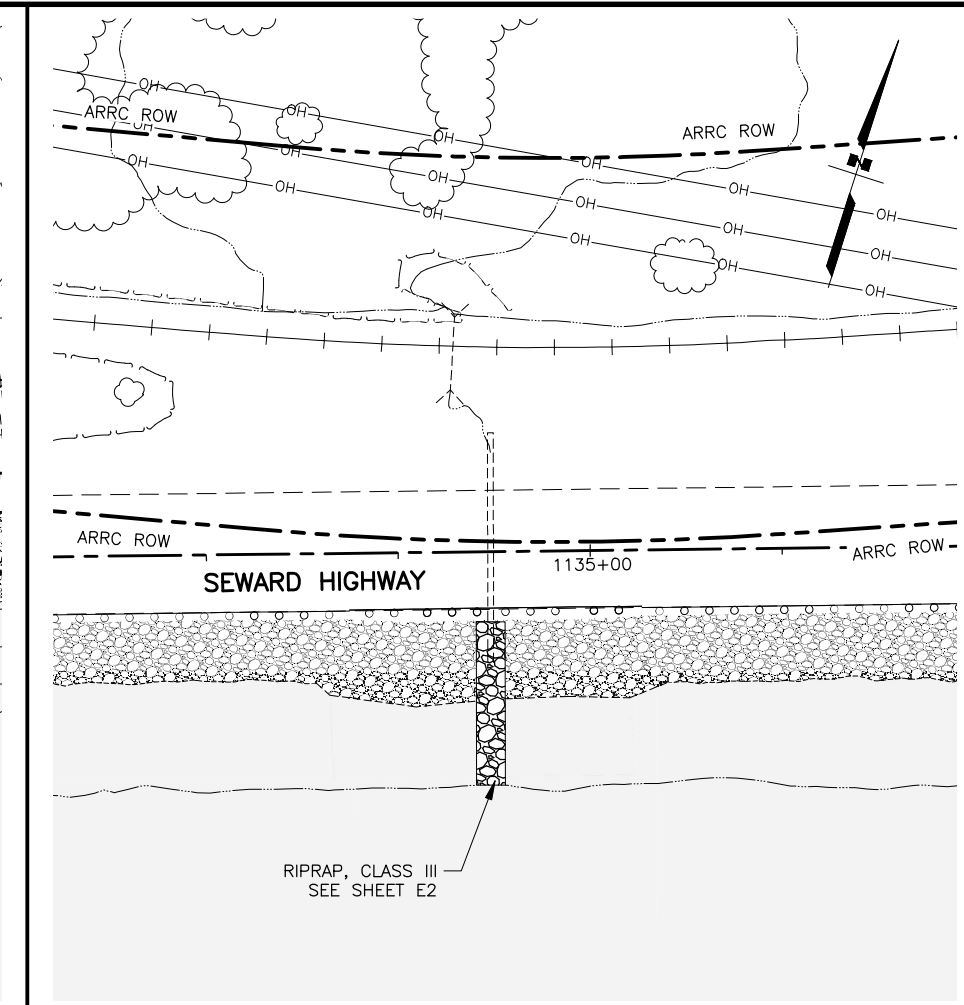
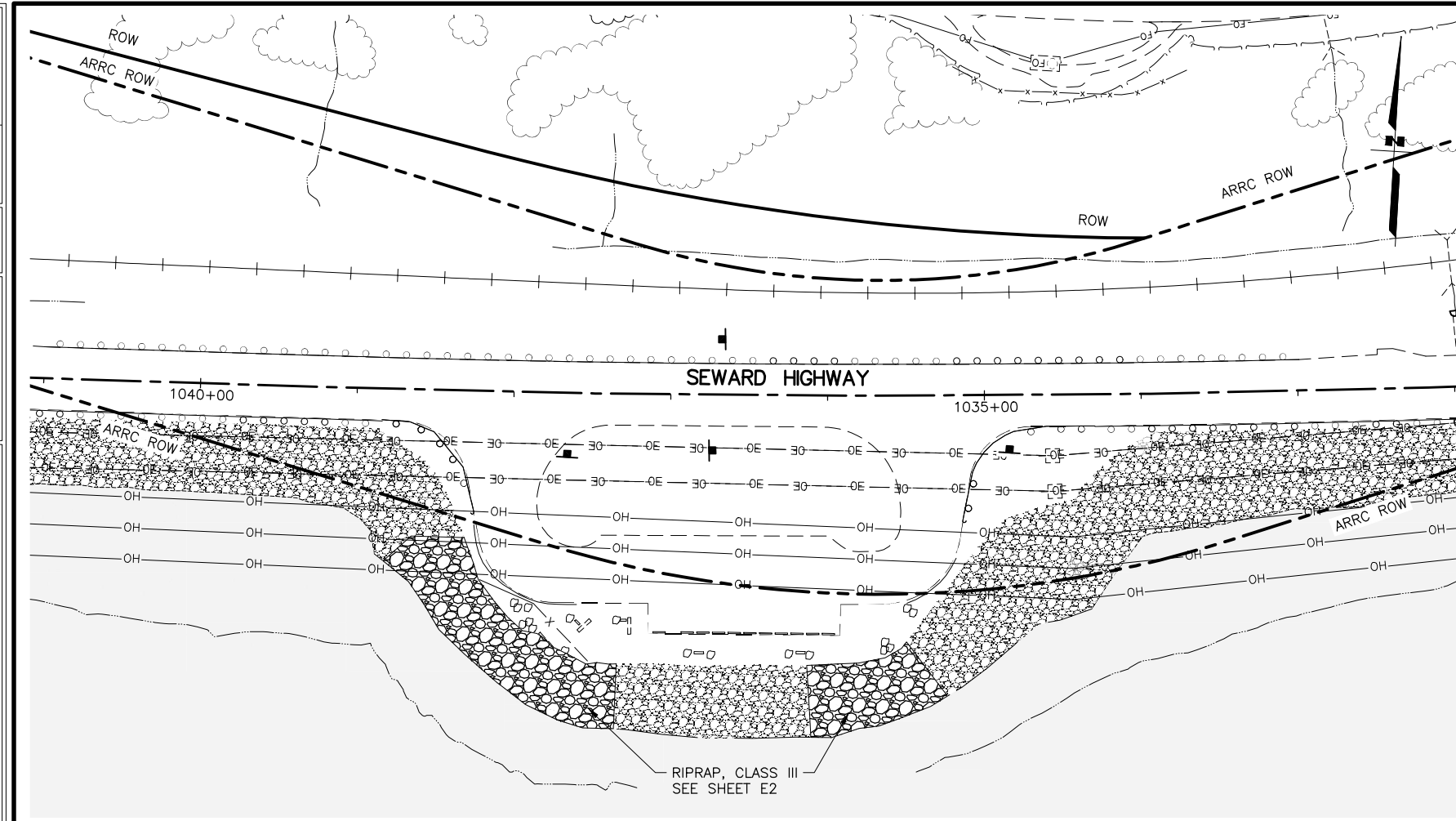


STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

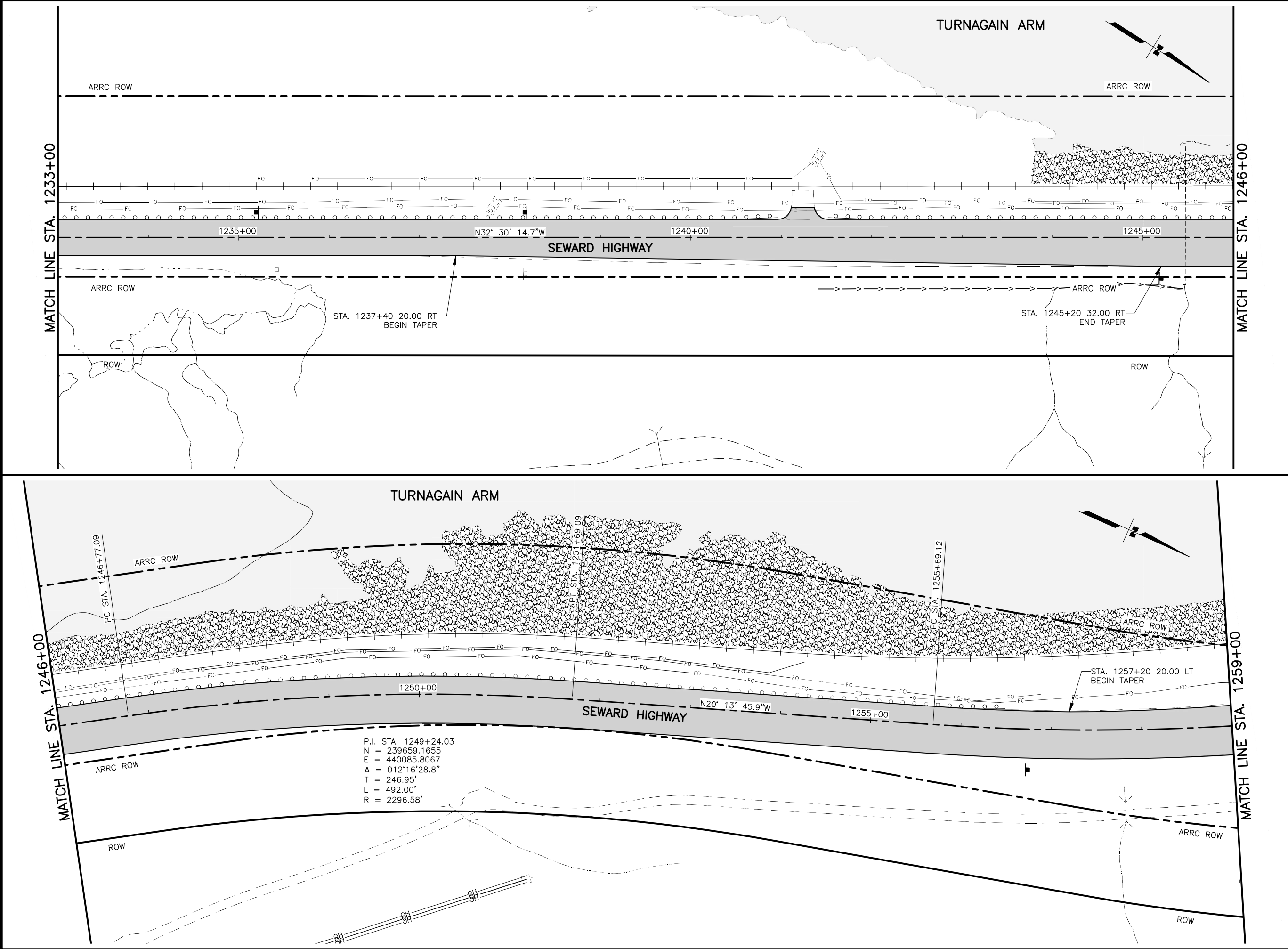
SEWARD HIGHWAY MP 90-99
PAVEMENT PRESERVATION
PHASE 2

CAMP ROAD CULVERT
PLAN & PROFILE

DATE	TIME	SCALE	DESIGNED BY	--
9/15/2025	2:27 PM	1" = 50'	CHECKED BY	--
			DRAFTED BY	--



SHEET NO.	TOTAL SHEETS
F1	F5
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
0A31066/ CFHWY00850	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
PLANS DEVELOPED BY: LOUNSBURY & ASSOCIATES, INC. 3230 C ST, SUITE 201, ANCHORAGE, AK 99503 (907) 272-5451 CERTIFICATE OF AUTHORITY NO. AECC391	
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES SEWARD HIGHWAY MP 90-99 PAVEMENT PRESERVATION PHASE 2 ROAD PLANS STA. 1220+00 TO STA. 1233+00	



SHEET NO.	TOTAL SHEETS
F2	F5
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
0A31066/ CFHWY00850	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

TURNAGAIN ARM

SEWARD HIGHWAY

GIRDWOOD

TO ANCHORAGE

STATE OF ALASKA

49th

PLANS IN HAND

PROJECT ENGINEER

0000

REGISTERED PROFESSIONAL ENGINEER

PLANS DEVELOPED BY:
LOUNSBURY & ASSOCIATES, INC.
3230 C ST, SUITE 201,
ANCHORAGE, AK 99503
(907) 272-5451
CERTIFICATE OF AUTHORITY NO. AECC391

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

SEWARD HIGHWAY
MP 90-99 PAVEMENT
PRESERVATION PHASE 2
ROAD PLANS
STA. 1233+00 TO
STA. 1259+00

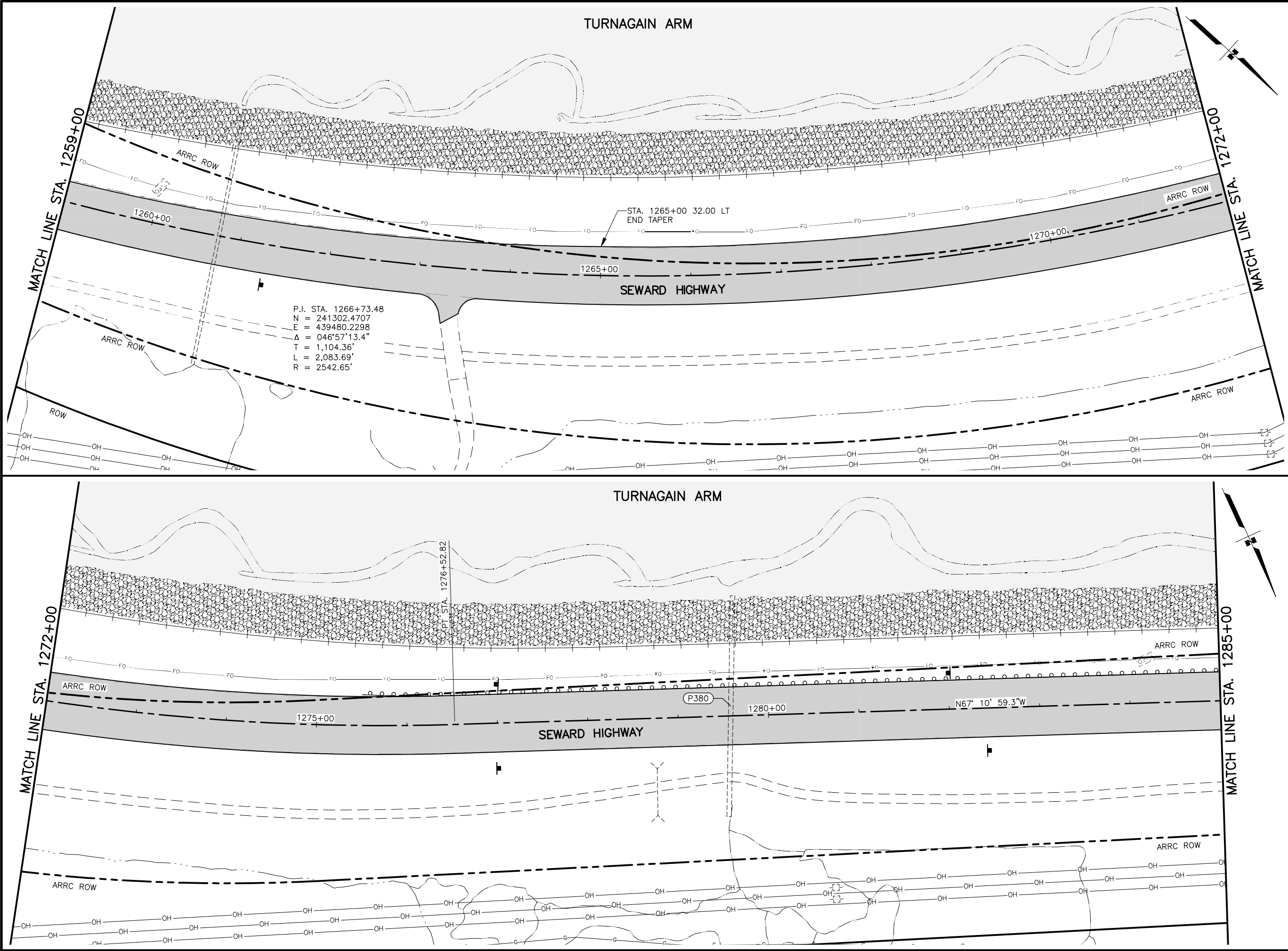
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CHECKED BY
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SCALE
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DATE
9/15/2025

TIME
2:28 PM

DRAWING LOCATION
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SHEET NO.	TOTAL SHEETS
F3	F5
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
0A31066/ CFHWY00850	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

STATE OF ALASKA

49th

PLANS IN HAND

PROJECT ENGINEER

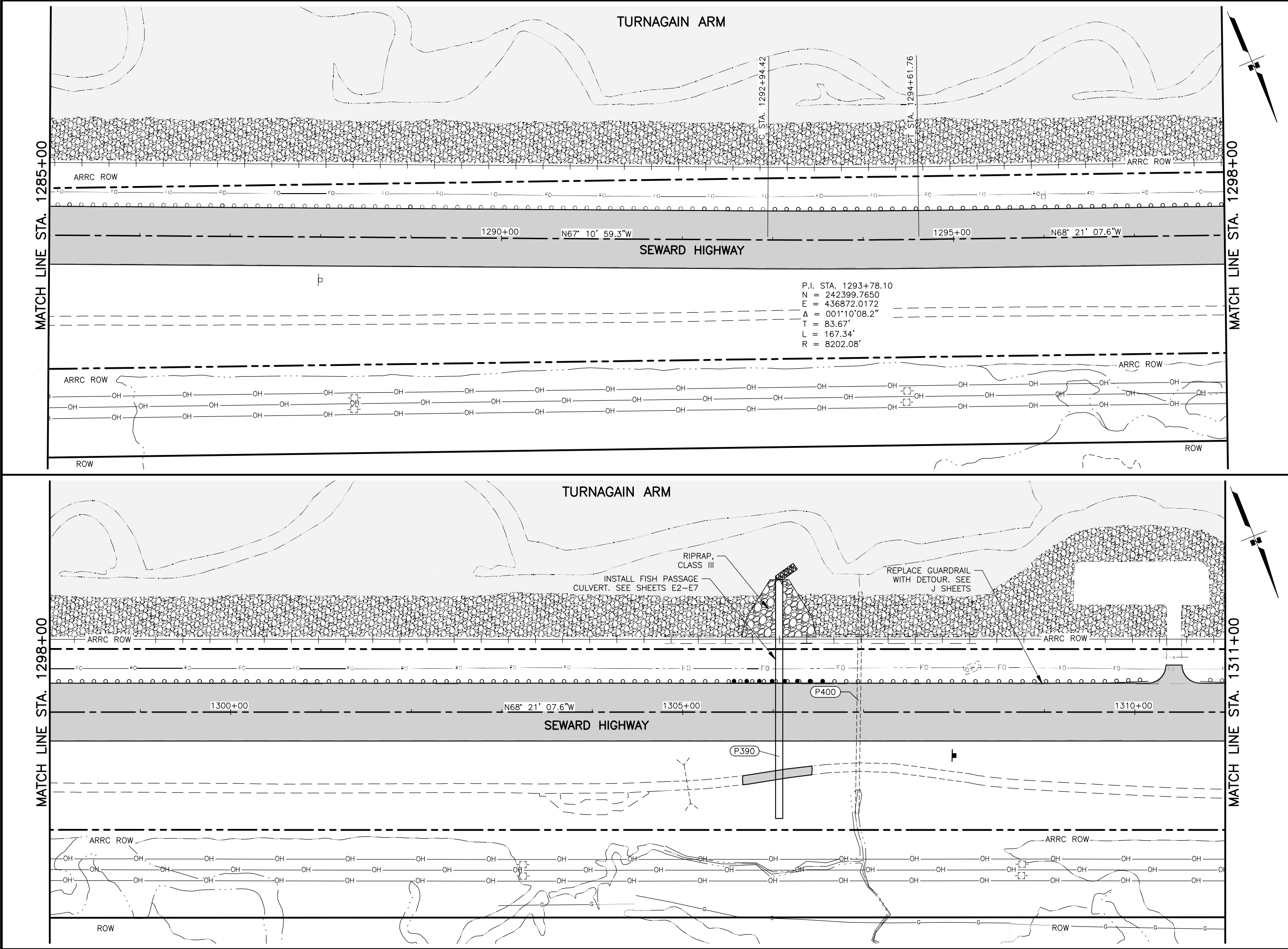
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REGISTERED PROFESSIONAL ENGINEER

PLANS DEVELOPED BY:
LOUNSBURY & ASSOCIATES, INC.
3230 C ST, SUITE 201,
ANCHORAGE, AK 99503
(907) 272-5451
CERTIFICATE OF AUTHORITY NO. AECC391

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

SEWARD HIGHWAY
MP 90-99 PAVEMENT
PRESERVATION PHASE 2
ROAD PLANS
STA. 1259+00 TO
STA. 1285+00



SHEET NO.	TOTAL SHEETS
F4	F5
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
OA31066/ CFHWY00850	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

TO ANCHORAGE

SEWARD HIGHWAY

GIRDWOOD

TURNAGAIN ARM

STATE OF ALASKA

49th

PLANS IN HAND

PROJECT ENGINEER

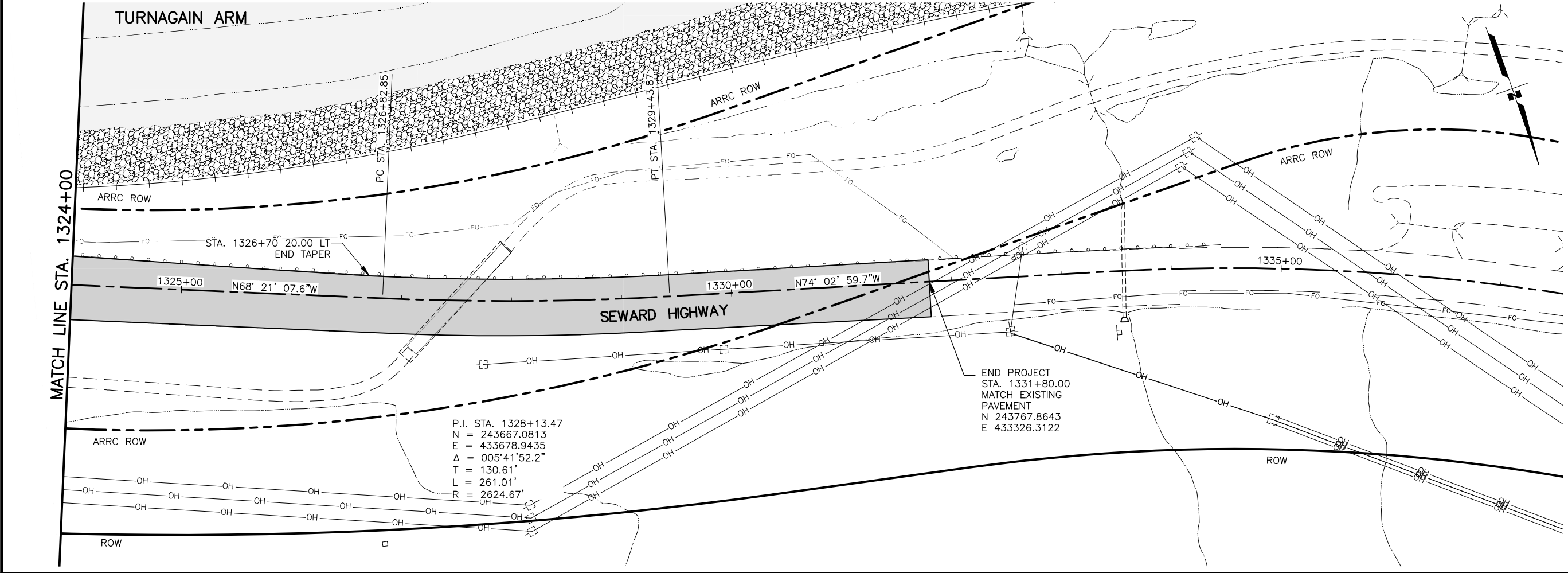
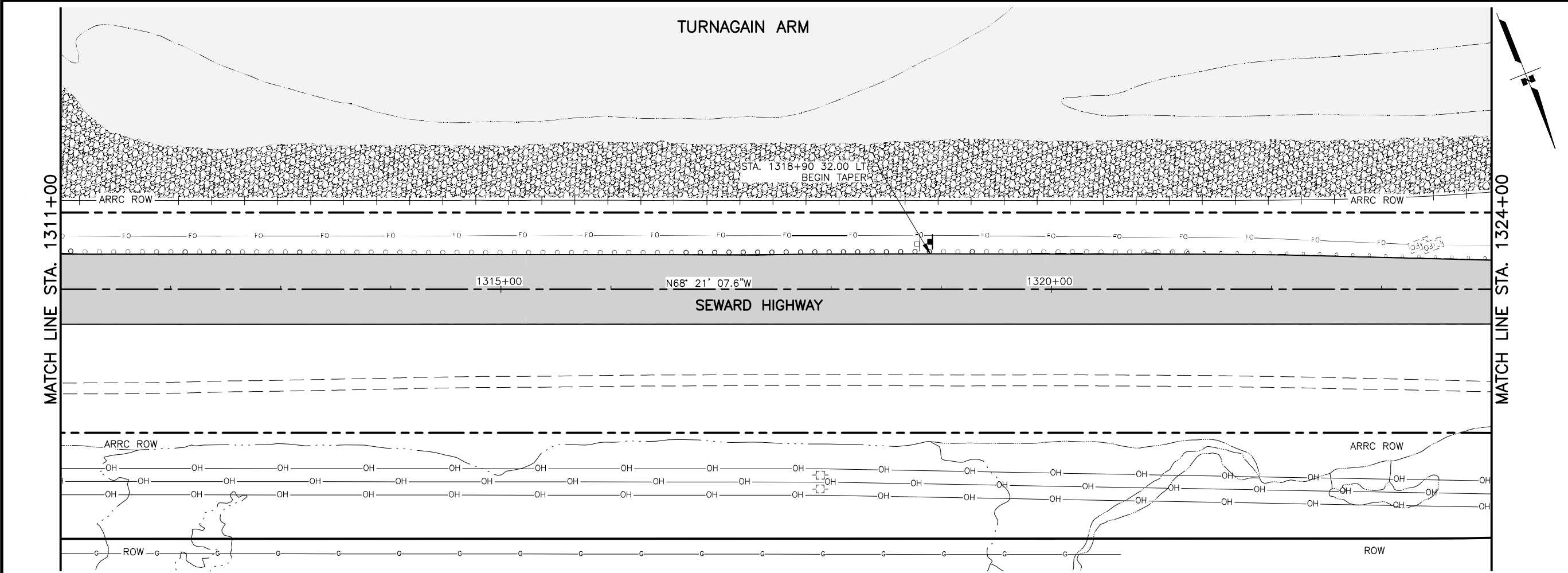
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REGISTERED PROFESSIONAL ENGINEER

PLANS DEVELOPED BY:
LOUNSBURY & ASSOCIATES, INC.
3230 C ST, SUITE 201,
ANCHORAGE, AK 99503
(907) 272-5451
CERTIFICATE OF AUTHORITY NO. AEC3391

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

SEWARD HIGHWAY
MP 90-99 PAVEMENT
PRESERVATION PHASE 2
ROAD PLANS
STA. 1285+00 TO
STA. 1311+00



SHEET NO.	F5	TOTAL SHEETS	F5
STATE	ALASKA	YEAR	2025
PROJECT DESIGNATION			
0A31066/ CFHWY00850			
NO.	REVISION		
DATE			
NO.	REVISION		
DATE			
NO.	REVISION		
DATE			

TURNAGAIN ARM

SEWARD HIGHWAY

GIRDWOOD

TO ANCHORAGE

STATE OF ALASKA

49th

PLANS IN HAND

PROJECT ENGINEER

0000

REGISTERED PROFESSIONAL ENGINEER

PLANS DEVELOPED BY:
LOUNSBURY & ASSOCIATES, INC.
3230 C ST, SUITE 201,
ANCHORAGE, AK 99503
(907) 272-5451
CERTIFICATE OF AUTHORITY NO. AECC391

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

SEWARD HIGHWAY
MP 90-99 PAVEMENT
PRESERVATION PHASE 2
ROAD PLANS
STA. 1311+00.00 -
1337+00.00

DRAWING LOCATION	DATE	TIME	DESIGNED BY
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			DRAFTED BY

DRAWING LOCATION	DATE	TIME	DESIGNED BY
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|---|-----------|---------|-------------|
| DRAWING LOCATION | DATE | TIME | DESIGNED BY |
| D:\PIWSEFILE\DM506564\PL-23-004-02-H1 NOTES PH2.DWG | 9/15/2025 | 2:28 PM | CHECKED BY |
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DRAWING LOCATION	DATE	TIME	DESIGNED BY
D:\PIWSEFILE\DM506564\PL-23-004-02-H1 NOTES PH2.DWG	9/15/2025	2:28 PM	CHECKED BY
			DRAFTED BY

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
FOR MEMBER LIST OF WHO WILL BE NOTIFIED

CALL BEFORE YOU DIG!

CONTRACTOR SHALL CALL A MINIMUM OF
3 DAYS IN ADVANCE OF CONSTRUCTION

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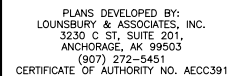
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FOR MEMBER LIST OF WHO WILL BE NOTIFIED



SEWARD HIGHWAY MP 90-99
PAVEMENT PRESERVATION
PHASE 2

PLANS DEVELOPED BY:
LOUNSBURY & ASSOCIATES, INC.
3230 C ST, SUITE 201,
ANCHORAGE, AK 99503
(907) 272-5451
CERTIFICATE OF AUTHORITY NO. AECC391

DESIGNED BY
CHECKED BY
DRAFTED BY

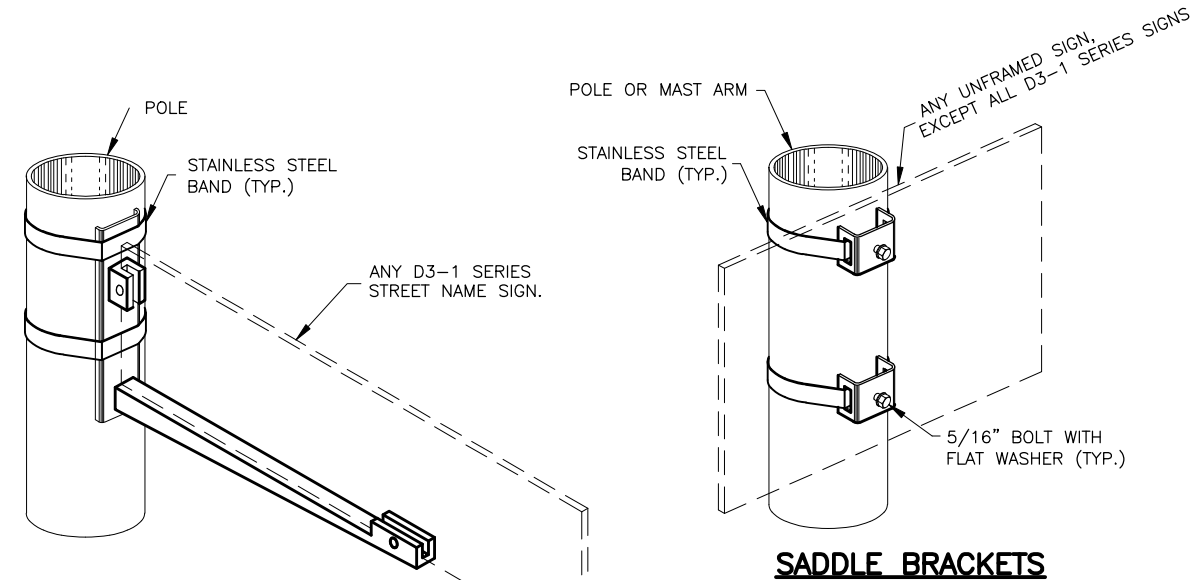
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DATE
9/15/2025 2:29 PM

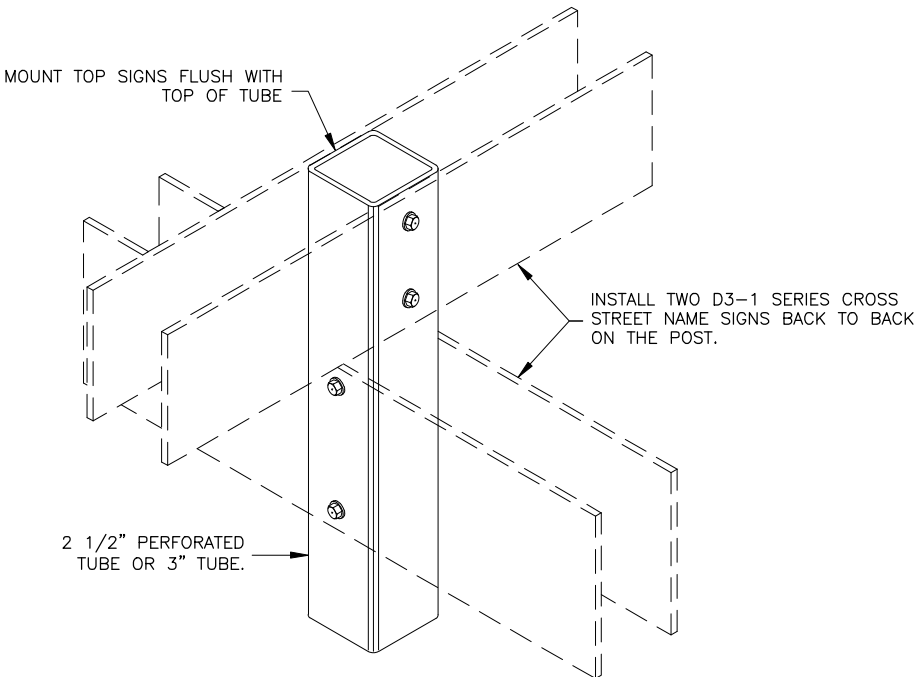
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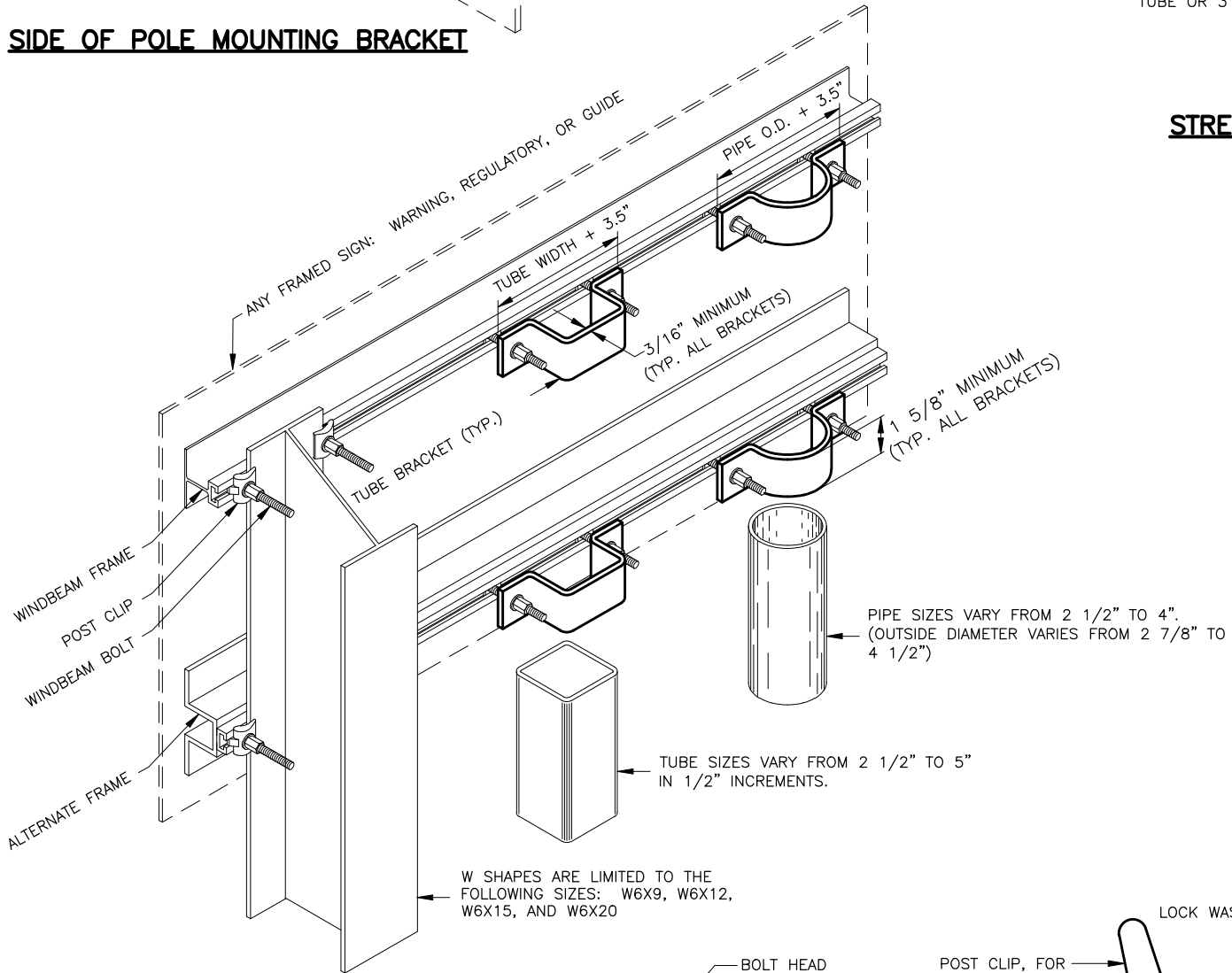
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0A31066/CFHWY00850	2025	H2	H9



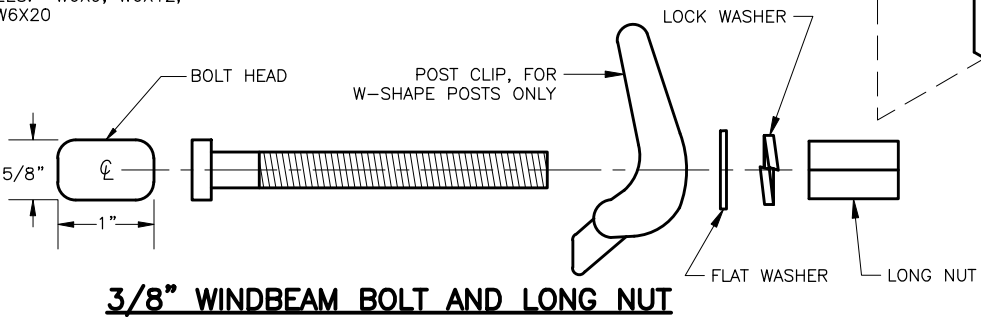
SIDE OF POLE MOUNTING BRACKET



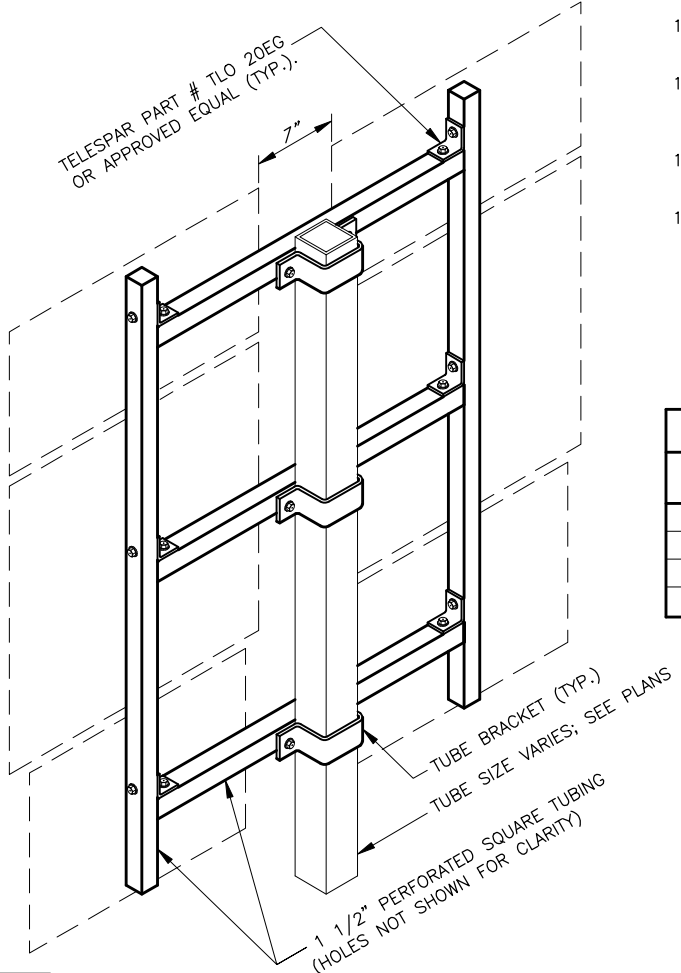
STREET NAME SIGN INSTALLATION



FRAMED SIGN ATTACHMENT BRACKETS



3/8" WINDBEAM BOLT AND LONG NUT



ROUTE MARKER TREE

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.

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



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

SEWARD HIGHWAY MP 90-99
PAVEMENT PRESERVATION
PHASE 2

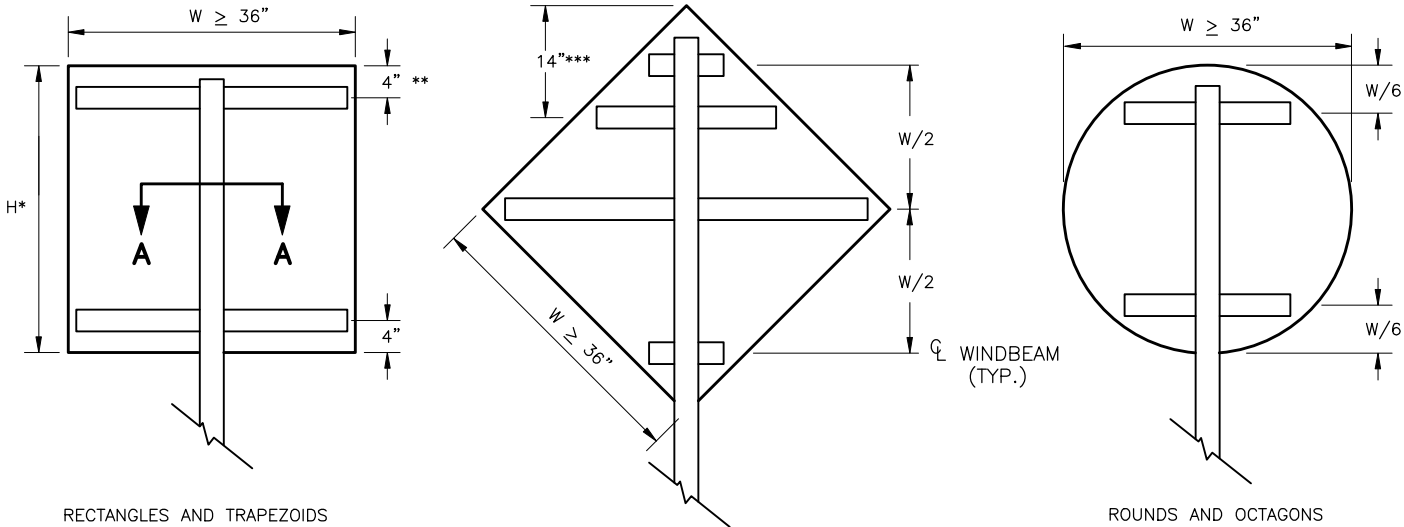
SIGN ATTACHMENT DETAILS

DESIGNED BY
CHECKED BY
DRAFTED BY
SCALE
X" = XX"
DATE
TIME
9/15/2025 2:29 PM
DRAWING LOCATION
D:\PWISEFILE\DM50656A\PL-23-004-02-H2 & H3 PH2.DWG

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0A31066/CFHWY00850	2025	H3	H9

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:
A. THE CLEANING AND HANDLING OF THE SIGN PANELS AND FRAMING MEMBERS.
B. 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.



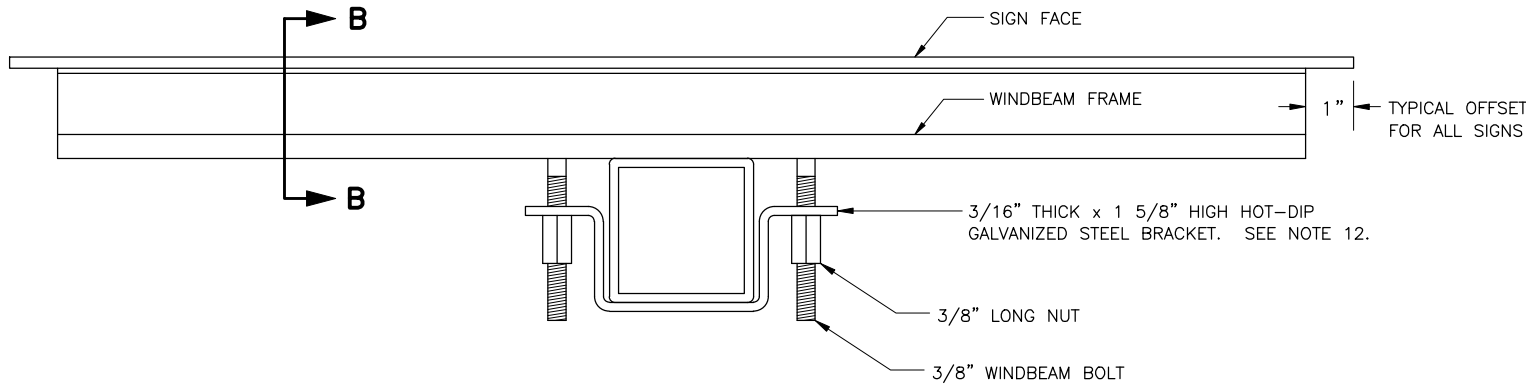
* WHEN H > 42 INCHES, INSTALL A 3RD WINDBEAM CENTERED ON THE SIGN.

** FOR S5-1 SIGNS MOUNTED ON FLASHING BEACON POSTS, USE A 10" OFFSET. OTHERWISE, USE 4".

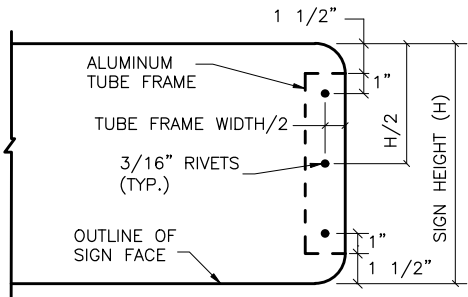
*** FOR WARNING SIGNS MOUNTED ON FLASHING BEACON POSTS, USE THE 14" OFFSET. OTHERWISE, USE W/2.

WINDBEAM LOCATIONS FOR EACH SIGN SHAPE

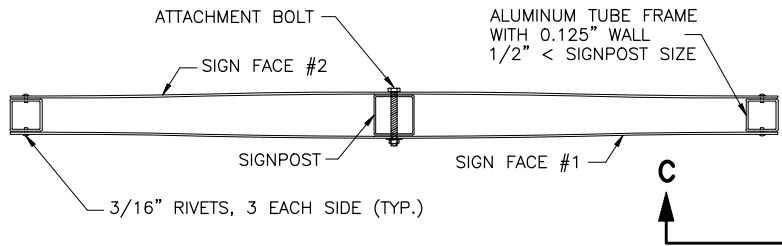
ELEVATION VIEW



SECTION A - A TYPICAL SIGN ATTACHMENT DETAILS AT EACH WINDBEAM

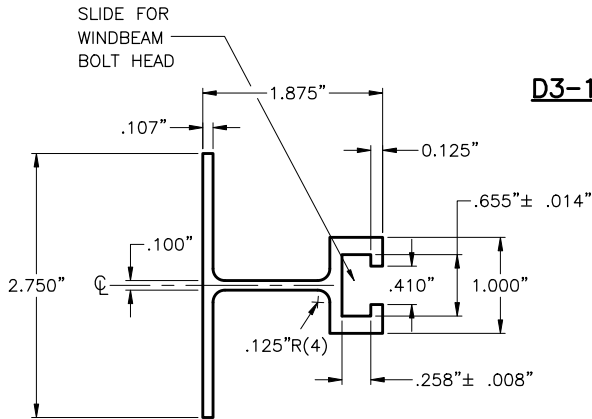


VIEW C - C

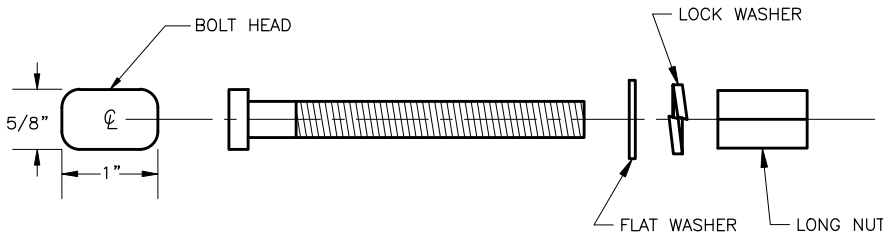


D3-1 STREET NAME SIGN FRAMING DETAIL

PLAN VIEW



SECTION B - B WINDBEAM CROSS SECTION



3/8" WINDBEAM BOLT AND LONG NUT



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

SEWARD HIGHWAY MP 90-99
PAVEMENT PRESERVATION
PHASE 2

LIGHT SIGN FRAMING AND
ATTACHMENT DETAILS

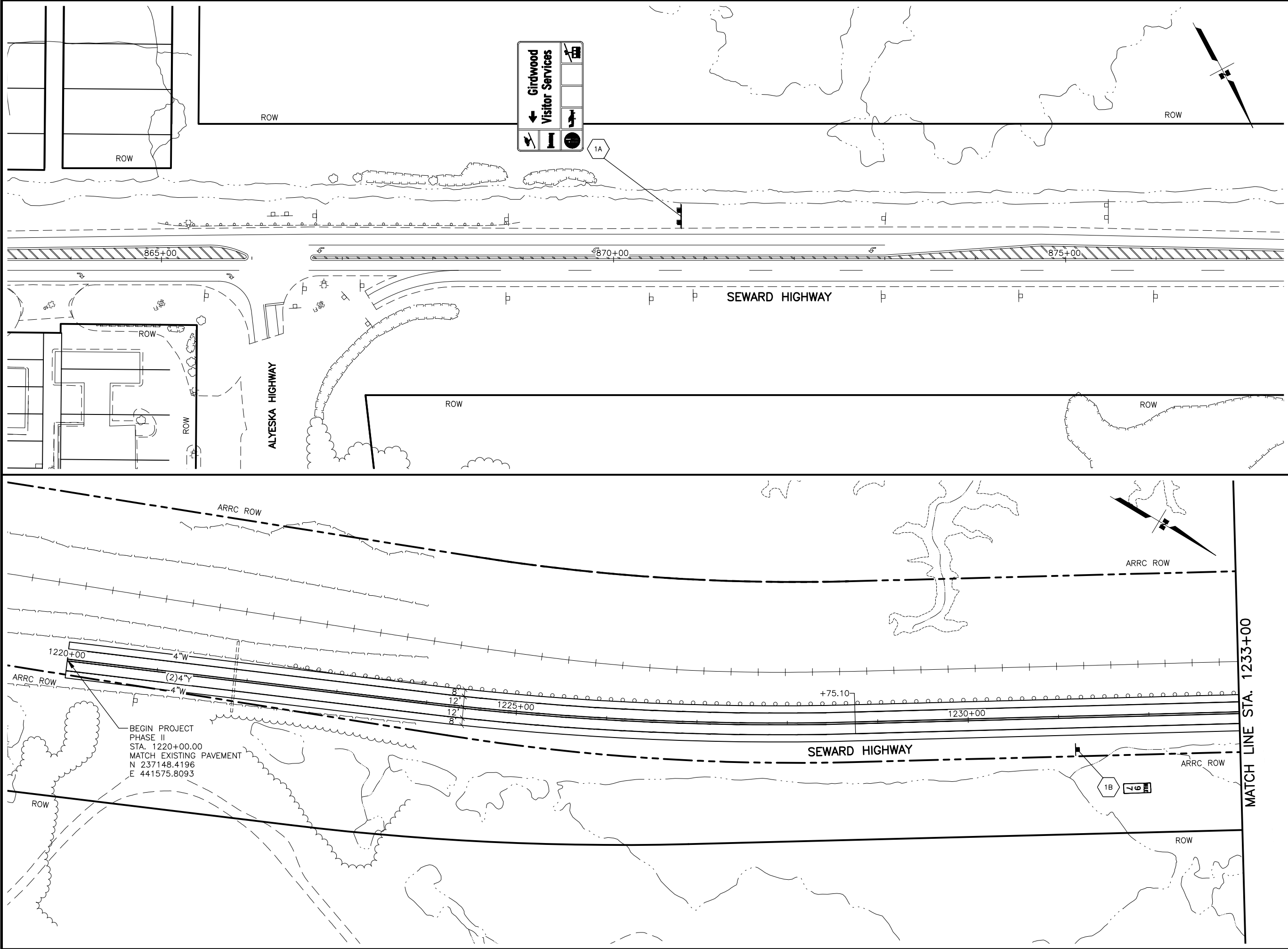
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DESIGNED BY
CHECKED BY
DRAFTED BY

SCALE
1" = 50'

DATE
9/15/2025

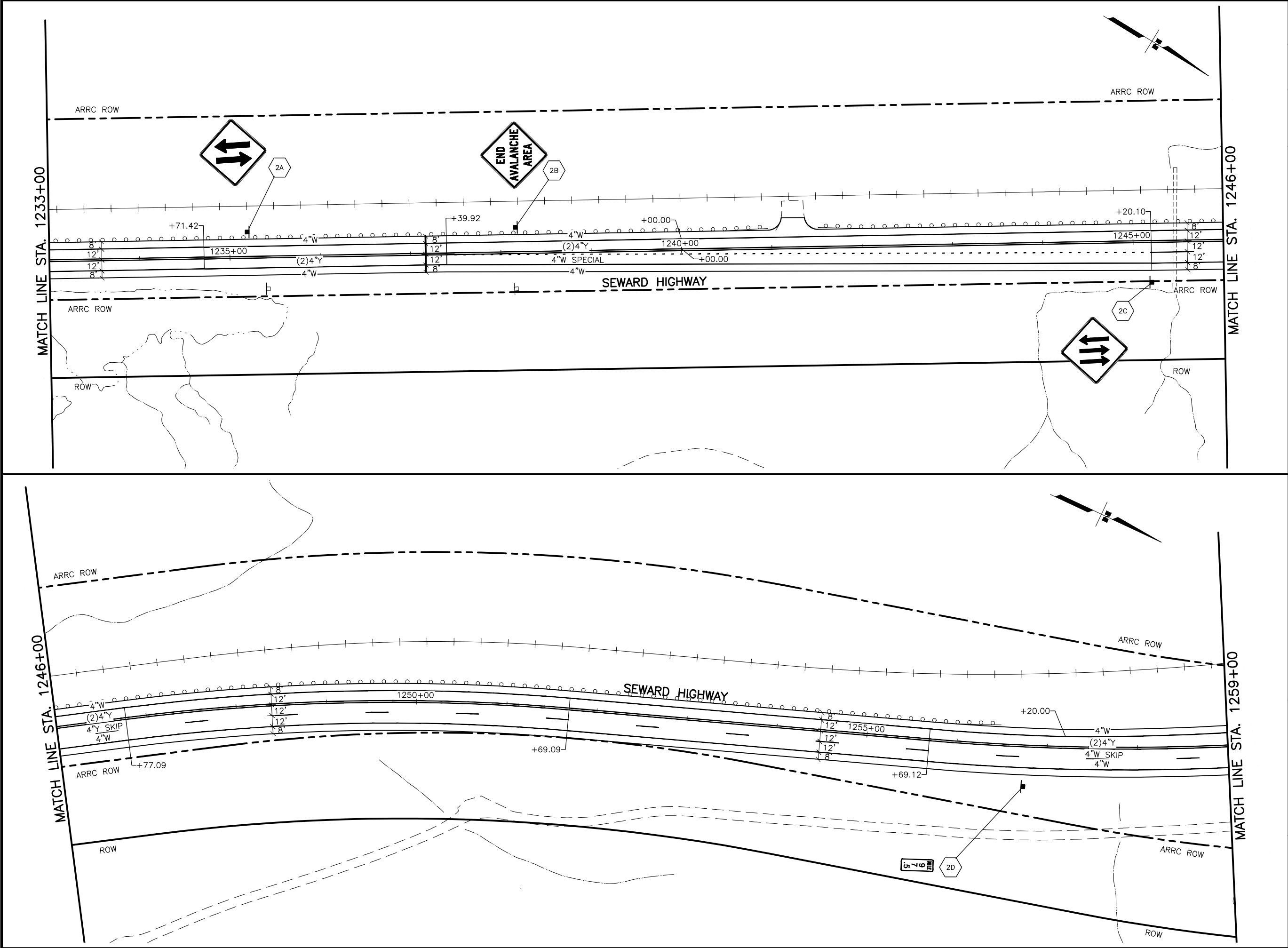
TIME
2:29 PM



SHEET NO.	TOTAL SHEETS
H4	H9
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
OA31066/ CFHWY00850	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

PLANS DEVELOPED BY:
LOUNSBURY & ASSOCIATES, INC.
3230 C ST, SUITE 201,
ANCHORAGE, AK 99503
(907) 272-5451
CERTIFICATE OF AUTHORITY NO. AECC391

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
**SEWARD HIGHWAY
MP 90-99 PAVEMENT
PRESERVATION PHASE 2
SIGNING & STRIPING**
STA. 865+00 TO STA. 875+00
& STA 1220+00 TO
STA. 1233+00



SHEET NO. H5	TOTAL SHEETS H9
STATE ALASKA	YEAR 2025
PROJECT DESIGNATION 0A31066/ CFHWY00850	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

TURNAGAN ARM

SEWARD HIGHWAY

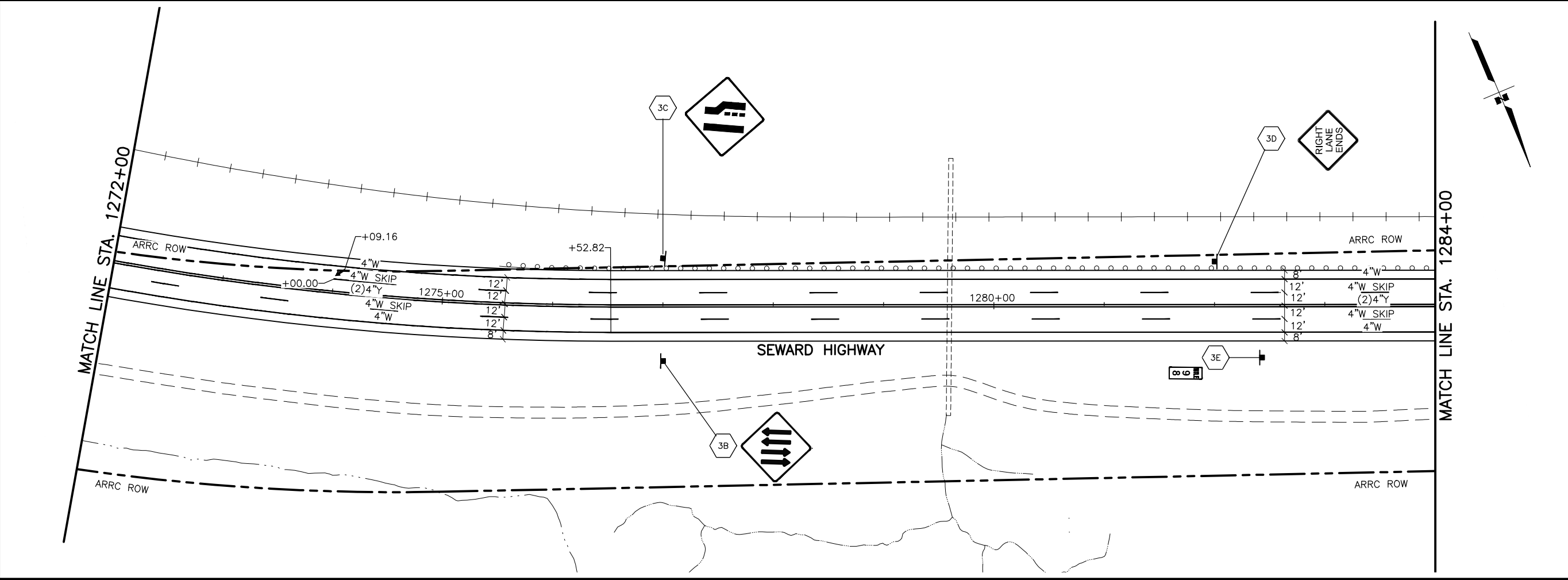
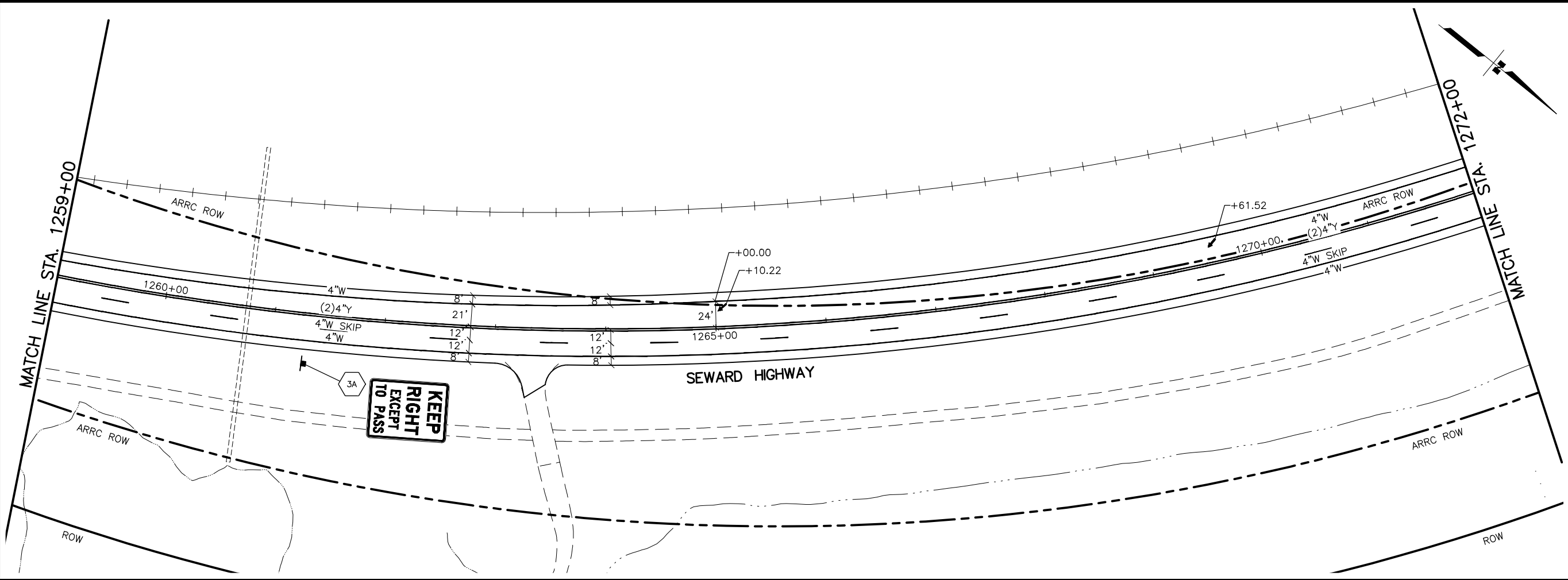
GIRDWOOD

TO ANCHORAGE

STATE OF ALASKA
49th
PLANS IN HAND
PROJECT ENGINEER
0000
REGISTERED PROFESSIONAL ENGINEER

PLANS DEVELOPED BY:
LOUNSBURY & ASSOCIATES, INC.
3230 C ST, SUITE 201,
ANCHORAGE, AK 99503
(907) 272-5451
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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
**SEWARD HIGHWAY
MP 90-99 PAVEMENT
PRESERVATION PHASE 2
SIGNING & STRIPING
STA. 1233+00 TO
STA. 1259+00**



SHEET NO.	TOTAL SHEETS
H6	H9
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
0A31066/ CFHWY00850	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

TURNAGAN ARM

SEWARD HIGHWAY

GIRDWOOD

TO ANCHORAGE

STATE OF ALASKA

49th

PLANS IN HAND

PROJECT ENGINEER

0000

REGISTERED PROFESSIONAL ENGINEER

PLANS DEVELOPED BY:

LOUNSBURY & ASSOCIATES, INC.

3230 C ST, SUITE 201,

ANCHORAGE, AK 99503

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STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION

AND PUBLIC FACILITIES

SEWARD HIGHWAY

MP 90-99 PAVEMENT

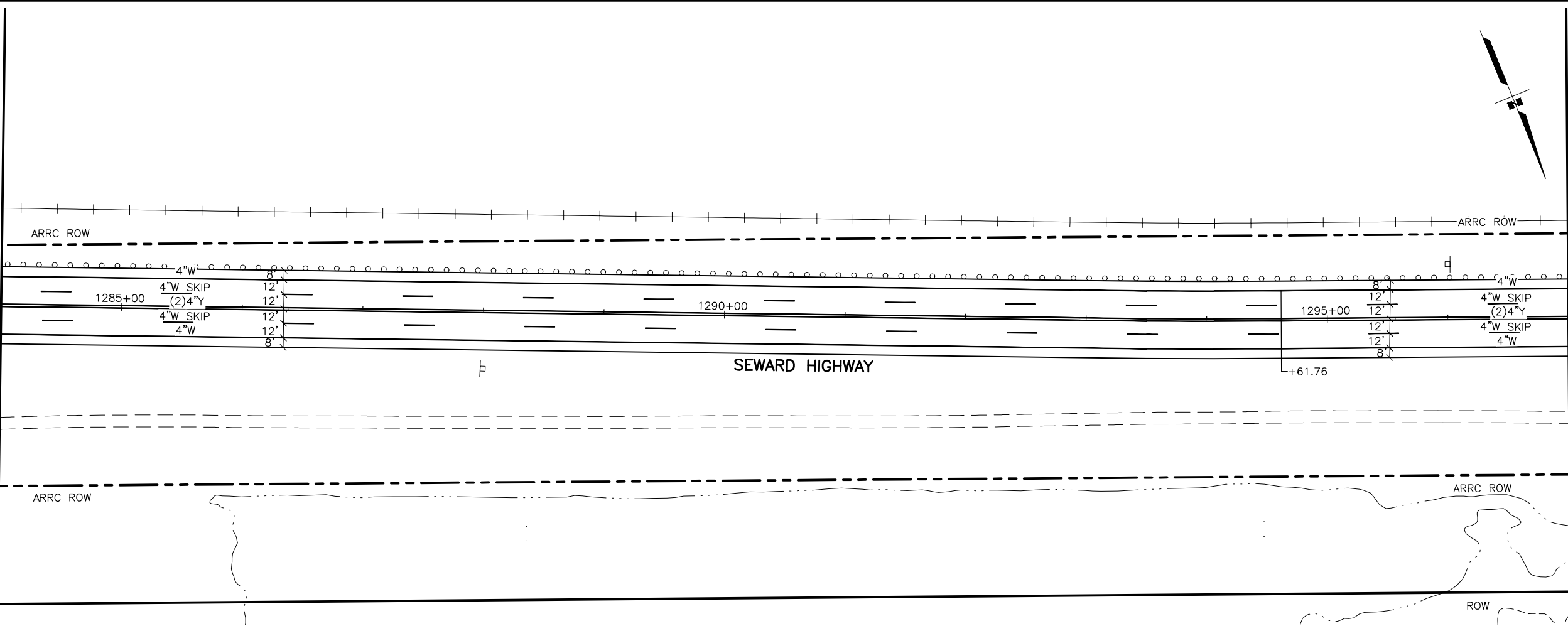
PRESERVATION PHASE 2

SIGNING & STRIPING

STA. 1259+00 TO

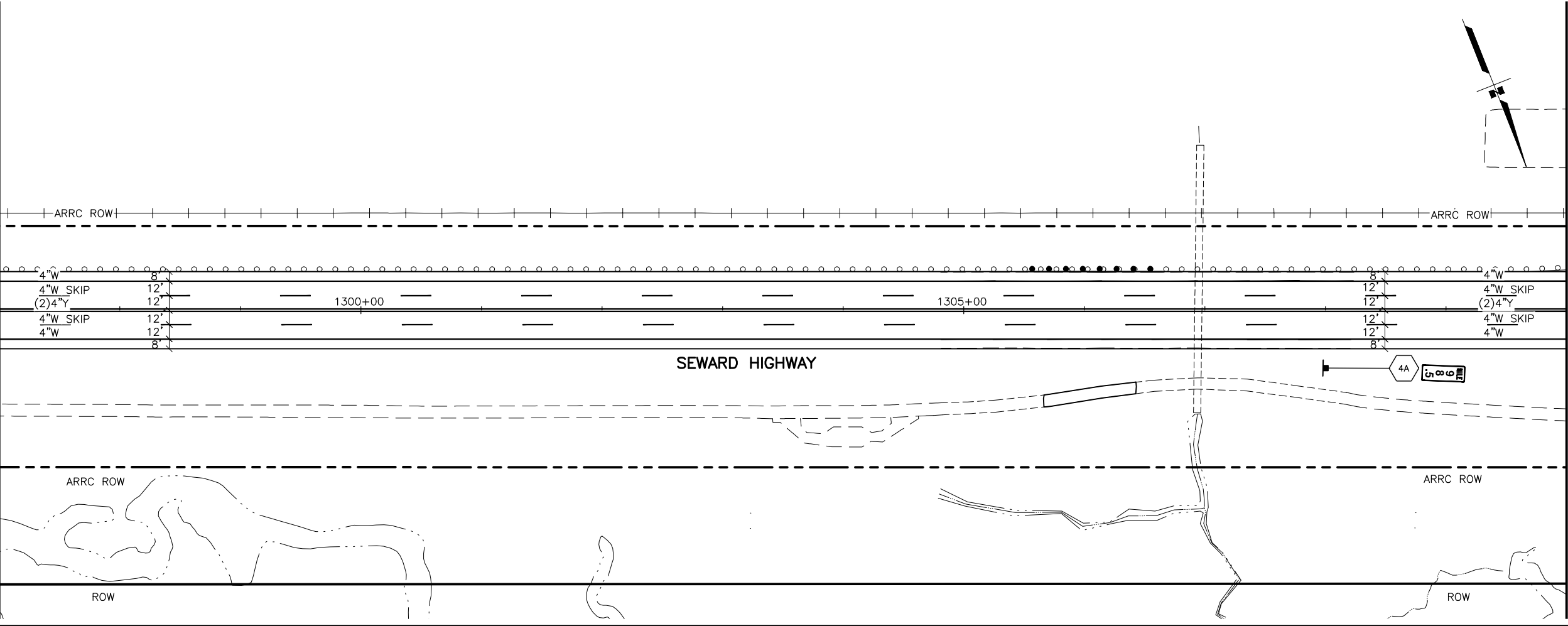
STA. 1284+00

MATCH LINE STA. 1284+00



MATCH LINE STA. 1297+00

MATCH LINE STA. 1297+00



MATCH LINE STA. 1310+00

SHEET NO. H7	TOTAL SHEETS H9
STATE ALASKA	YEAR 2025
PROJECT DESIGNATION 0A31066/ CFHWY00850	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

TURNAGAIN ARM

SEWARD HIGHWAY

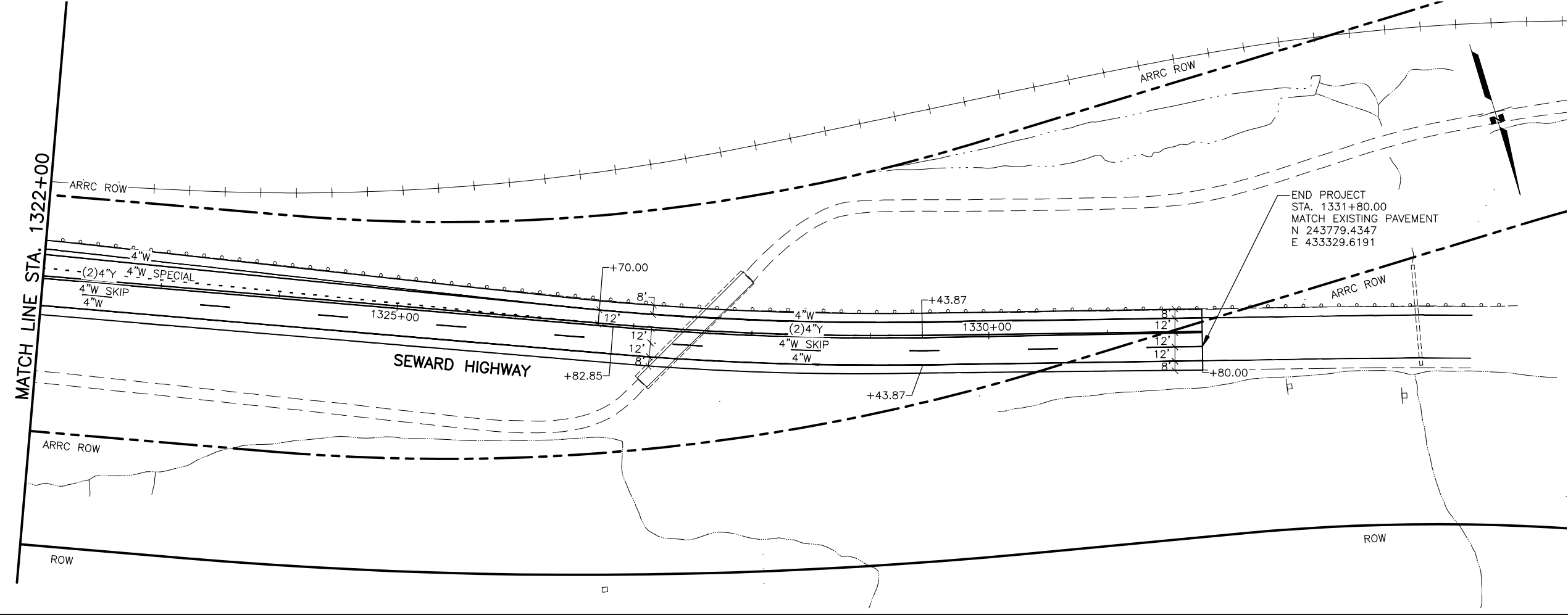
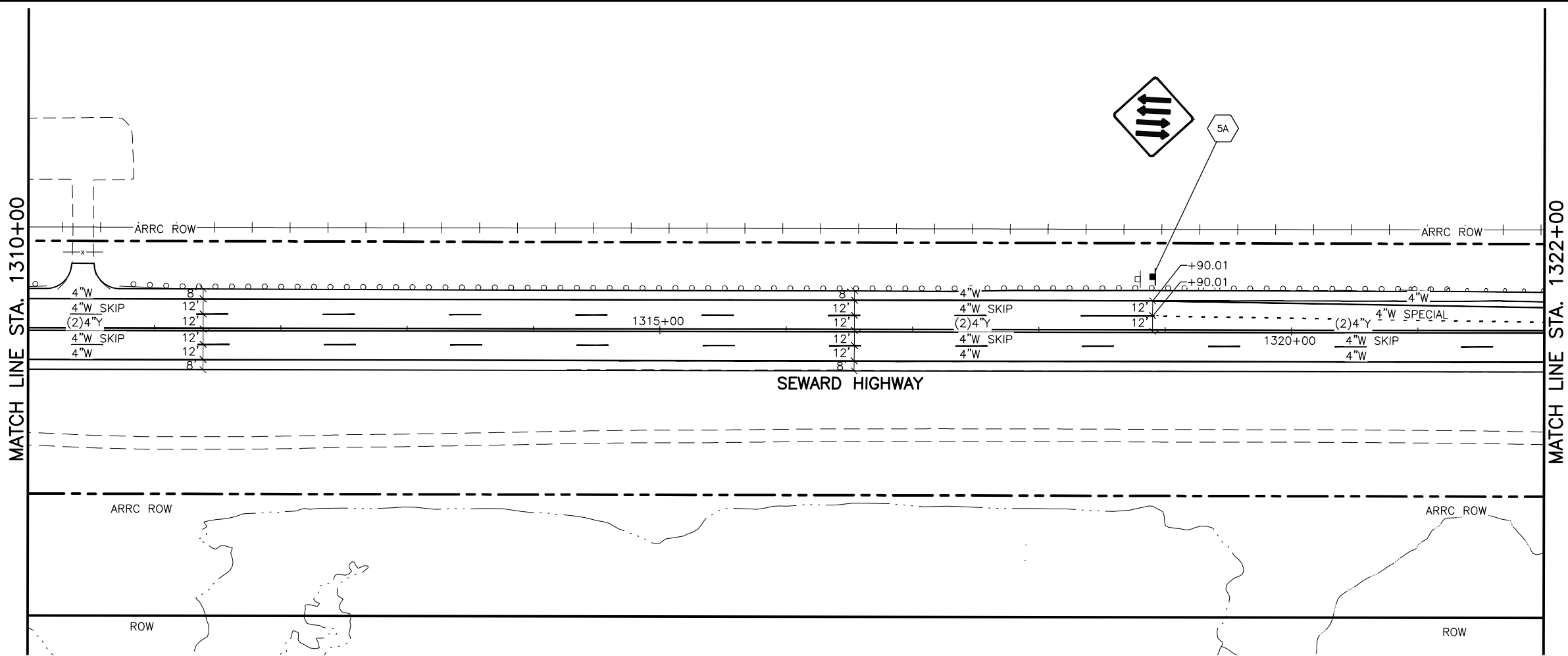
GIRDWOOD

TO ANCHORAGE

STATE OF ALASKA
49th
★ PLANS IN HAND ★
PROJECT ENGINEER
0000
REGISTERED PROFESSIONAL ENGINEER

PLANS DEVELOPED BY:
LOUNSBURY & ASSOCIATES, INC.
3230 C ST, SUITE 201,
ANCHORAGE, AK 99503
(907) 272-5451
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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
**SEWARD HIGHWAY
MP 90-99 PAVEMENT
PRESERVATION PHASE 2
SIGNING & STRIPING
STA. 1284+00 TO
STA. 1310+00**



SHEET NO.	TOTAL SHEETS
H8	H9
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
0A31066/ CFHWY00850	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

TURNING ARM

SEWARD HIGHWAY

GIRDWOOD

TO ANCHORAGE

STATE OF ALASKA

49th

PLANS IN HAND

PROJECT ENGINEER

0000

REGISTERED PROFESSIONAL ENGINEER

PLANS DEVELOPED BY:

LOUNSBURY & ASSOCIATES, INC.

3230 C ST, SUITE 201,

ANCHORAGE, AK 99503

(907) 272-5451

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STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION

AND PUBLIC FACILITIES

SEWARD HIGHWAY

MP 90-99 PAVEMENT

PRESERVATION PHASE 2

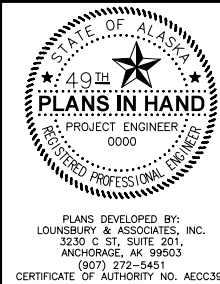
SIGNING & STRIPING

STA. 1310+00 TO

EOP

SIGN SUMMARY															
SHEET NO.	POST NO.	STATION	OFFSET	TYPE	LEGEND	SIZE (IN)		AREA (SF)	SIGN FACES	POST NO, SIZE, AND TYPE	FRAMED		CATEGORY		REMARKS
						WIDTH	HEIGHT				YES	NO	NEW	REMOVE AND RELOCATE	
H4	1A	870+75.0	LT	D9--204		108	54	40.5	NW	(2) W6X9	X		X		PLATES: D7--SPECIAL--PLANE; D9--9; D9--8; D7--RS--050; D7--RS--071
	1B	1231+20.0	RT	D10--202		16	36	8.0	SE/NW	2.5" T.		X	X		DOUBLE SIDE
H5	2A	1235+19.5	LT	W6--3		48	48	16.0	NW	3" T.	X		X		BEHIND GUARDRAIL
	2B	1238+16.5	LT	W16--111		48	48	16.0	NW	3" T.	X		X		BEHIND GUARDRAIL
	2C	1245+20.0	RT	W6--100		48	48	16.0	SE	3" T.	X		X		
	2D	1256+75.0	RT	D10--202A		16	48	10.7	S/N	2.5" T.		X	X		DOUBLE SIDE
H6	3A	1261+30.0	RT	R4--16		36	48	12.0	SE	3" T.	X		X		
	3B	1277+00.0	RT	SPECIAL		48	48	16.0	SE	3" T.	X		X		
	3C	1277+00.0	LT	W4--2R		48	48	16.0	NW	3" T.	X		X		BEHIND GUARDRAIL
	3D	1282+00.0	LT	W9--1R		48	48	16.0	NW	3" T.	X		X		BEHIND GUARDRAIL
	3E	1282+43.0	RT	D10--202		16	36	8.0	SE/NW	2.5" T.		X	X		DOUBLE SIDE
H7	4A	1308+00.0	RT	D10--202A		16	48	10.7	SE/NW	2.5" T.		X	X		DOUBLE SIDE
H8	5A	1318+90.0	LT	SPECIAL		48	48	16.0	NW	3" T.	X		X		BEHIND GUARDRAIL
TOTAL:								161.3					12	0	
PAY ITEM QUANTITY:								162						0	
PAY ITEM:								615.0001.0000						615.0002.0000	

SIGN SALVAGE SUMMARY				
SHEET NO.	STATION	OFFSET (FT)	QUANTITY (EACH)	REMARKS
H4	1231+20.0	36.0 RT	1	MILE POST SIGN
H5	1235+19.5	28.0 LT	1	TWO WAY TRAFFIC SIGN
	1238+16.5	28.0 LT	1	END AVALANCHE AREA SIGN
	1245+20.0	45.0 RT	1	ONE LANE OPPOSING TWO LANES SIGN
	1256+75.0	45.0 RT	1	MILE POST SIGN
H6	1261+30.0	45.0 RT	1	KEEP RIGHT EXCEPT TO PASS SIGN
	1277+00.0	50.0 RT	1	FOUR LANES SIGN
	1277+00.0	43.0 LT	1	LANE ENDS SIGN
	1282+00.0	43.0 LT	1	RIGHT LANE ENDS SIGN
	1282+43.0	47.0 RT	1	MILE POST SIGN
H7	1308+00.0	48.0 RT	1	MILE POST SIGN
H8	1318+90.0	43.0 LT	1	FOUR LANES SIGN
TOTAL (EACH):			12	



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

SEWARD HIGHWAY MP 90--99
PAVEMENT PRESERVATION
PHASE 2

SIGN SUMMARY AND SIGN
SALVAGE TABLE

DESIGNED BY
CHECKED BY
DRAFTED BY

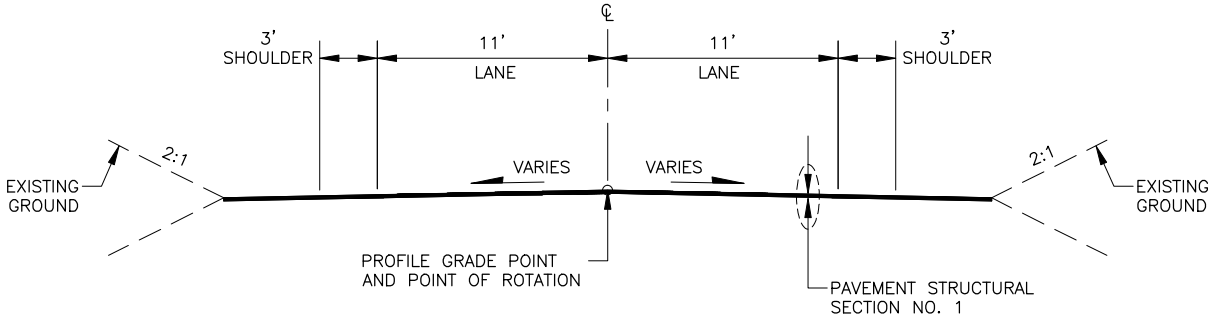
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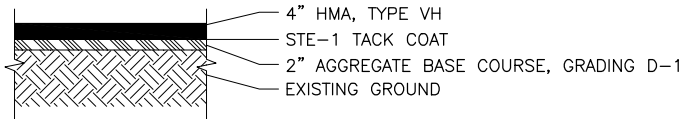
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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0A31066/CFHWY00850	2025	J1	J7



SEWARD HIGHWAY DETOURS



PAVEMENT STRUCTURAL SECTION NO. 1

NOTES:

1. TRAFFIC CONTROL DEVICES REQUIRED BY THE GUIDELINES ON THIS SHEET ARE INTENDED FOR CONDITIONS WHICH WILL BE IN PLACE LONGER THAN ONE CONTINUOUS WORK SHIFT. AN APPROVED TRAFFIC CONTROL PLAN IS REQUIRED PRIOR TO BEGINNING WORK.
2. THE EXISTING GROUND CROSS SECTION AT A LOCATION DETERMINES WHETHER TRAFFIC CONTROL DEVICES ARE NEEDED AT THE SAME LOCATION DURING CONSTRUCTION.
3. GUARDRAIL EXISTING AT A LOCATION BEFORE CONSTRUCTION SHALL REMAIN IN PLACE DURING CONSTRUCTION OR APPROVED ALTERNATE DEVICES SHALL BE INSTALLED.
4. INSTALL TRAFFIC CONTROL DEVICES BETWEEN THE EDGE OF TRAVELED WAY AND THE WORK AREA ON ANY ROADWAY OPENED TO TRAFFIC WHEN REQUIRED BY THIS DRAWING.
5. FOR EXISTING ROADWAY ALIGNMENTS INSTALL TRAFFIC CONTROL DEVICES WHEN WORK OCCURS IN THE "DEVICES REQUIRED" AREAS SHOWN ON THIS DRAWING.
6. FOR DETOURS, TEMPORARY ROADWAYS, OR NEW ROADWAYS NOT YET COMPLETE, INSTALL TRAFFIC CONTROL DEVICES WHEN ANY OF THE FOLLOWING CONDITIONS EXIST:

A. THE PROPOSED HORIZONTAL OR VERTICAL CURVATURE IS STEEPER THAN THE EXISTING.

B. THE ROADWAY OR SHOULDER WIDTH IS LESS THAN THE EXISTING.

C. THE PROPOSED BACKSLOPE OR FORESLOPE IS STEEPER THAN THE EXISTING.
7. FOR DROPOFFS, INSTALL TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE FORESLOPE SECTION DETAIL AND TABLE 1.
8. ON ANY NEWLY CONSTRUCTED SLOPE STEEPER THAN 4:1 BUT FLATTER THAN 3:1, PROVIDE A TEN FOOT FLAT RECOVERY AREA AT THE TOE OF SLOPE OR INSTALL TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE FORESLOPE SECTION DETAIL.
9. TRAFFIC CONTROL DEVICE REQUIREMENTS:

A. ON ROADWAYS WITH A SPEED LIMIT GREATER THAN 40 MILES PER HOUR OR AVERAGE DAILY TRAFFIC VOLUME GREATER THAN 4000 VEHICLES PER DAY, INSTALL TEMPORARY PORTABLE CONCRETE BARRIER OR TEMPORARY GUARDRAIL. ON MULTI-LANE ROADWAYS, CLOSE THE LANE CLOSEST TO THE WORK AREA AND INSTALL DRUMS.

B. TERMINATE RUNS OF TEMPORARY PORTABLE CONCRETE BARRIER USING ONE OF THE FOLLOWING TWO METHODS:

i. TEMPORARY CRASH ATTENUATOR

ii. RIGID TO SEMI-RIGID GUARDRAIL TRANSITION WITH AN APPROVED CRASHWORTHY END TREATMENT

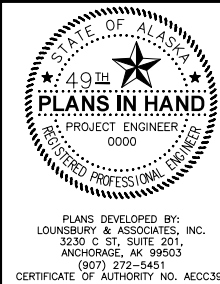
C. TERMINATE RUNS OF TEMPORARY GUARDRAIL USING EITHER OF THE FOLLOWING TWO METHODS:

i. AN APPROVED CRASHWORTHY END TREATMENT

ii. FLARE THE ENDS OF THE TEMPORARY GUARDRAIL AWAY FROM THE ROADWAY AT A RATE OF 15:1 ON A TRANSVERSE SLOPE OF 10:1 OR FLATTER TO THE OUTSIDE EDGE OF THE CLEAR ZONE.

D. ON ALL OTHER ROADWAYS, INSTALL TYPE II BARRICADES, DRUMS OR DELINEATORS WHEN DEVICES ARE REQUIRED. SPACE THE DEVICES IN ACCORDANCE WITH THE REQUIREMENTS FOR SPACING TYPE II BARRICADES AND DRUMS SET FORTH IN THE ALASKA TRAFFIC MANUAL.
10. DO NOT CONSTRUCT VERTICAL DROPOFFS GREATER THAN 1.5" WITHIN THE TRAFFIC LANE OR ACTIVE WHEEL TRACK. PROVIDE 2' OF SHY DISTANCE FROM EDGE OF ALL TRAFFIC CONTROL DEVICES TO THE EDGE OF THE TRAVELED WAY.

606.0001.0000, 606.0006.0000, 606.0013.0000 – W-BEAM GUARDRAIL, TERMINALS								
SHEET	START STATION	END STATION	OFFSET SIDE	606.0006.0000 REMOVE GUARDRAIL (LF)	606.0001.0000 W-BEAM GUARDRAIL (LF)	606.0013.0000 PARALLEL GUARDRAIL TERMINAL (EACH)	CASE*	REMARKS
J6	0+00.0	3+51.0	RT	362.5	312.5	1.0	5	
J6	4+08.3	7+58.4	RT	350.0	300.0	1.0	5	
J6-J7	8+70.9	16+50.0	RT	787.5	787.5		5	
REMOVING AND DISPOSING OF GUARDRAIL TOTAL:				1,500.0				
W-BEAM GUARDRAIL TOTAL:					1,400.0			
PARALLEL GUARDRAIL TERMINAL TOTAL:						2		



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

SEWARD HIGHWAY MP 90-99
PAVEMENT PRESERVATION
PHASE 2

TRAFFIC CONTROL NOTES
AND TYPICAL SECTIONS

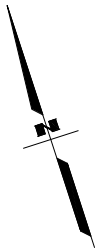
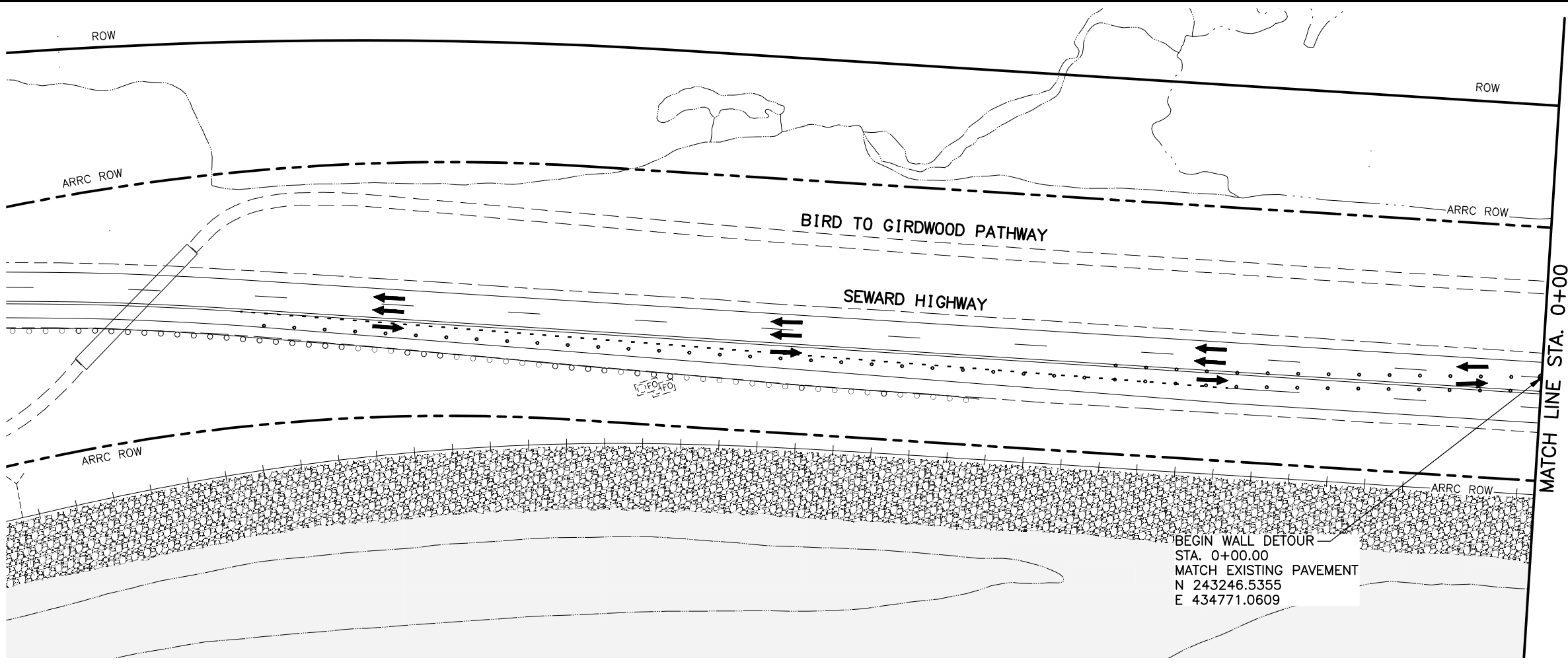
PLANS DEVELOPED BY:
LOUNSBURY & ASSOCIATES, INC.
3230 C. ST., SUITE 201,
ANCHORAGE, AK 99503
(907) 272-5451
CERTIFICATE OF AUTHORITY NO. AECC391

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1" = 50'

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LEGEND	
	TRAFFIC CONTROL DEVICES
	TRAFFIC FLOW

SHEET NO.	TOTAL SHEETS
J2	J7
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
0A31066/ CFHWY00850	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

THIS SHEET

TO ANCHORAGE

TURNAGAN ARM

SEWARD HIGHWAY

GIRDWOOD

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(907) 272-5451
CERTIFICATE OF AUTHORITY NO. AECC391

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

SEWARD HIGHWAY
MP 90-99 PAVEMENT
PRESERVATION PHASE 2

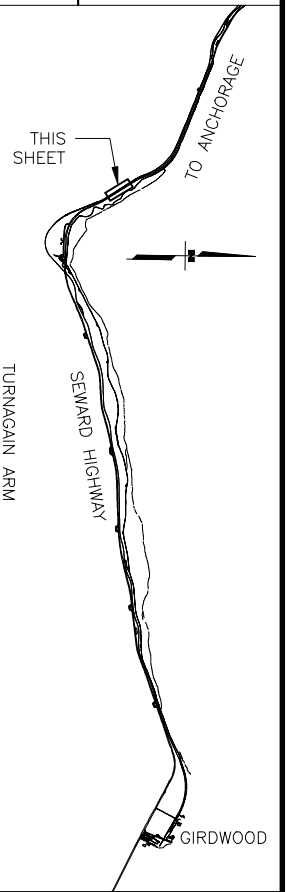
DIVERSION ROAD -
NORTH ALTERNATIVE

SHEET NO.	TOTAL SHEETS
J3	J7
STATE	YEAR
ALASKA	2025

PROJECT DESIGNATION

0A31066/
CFHWY00850

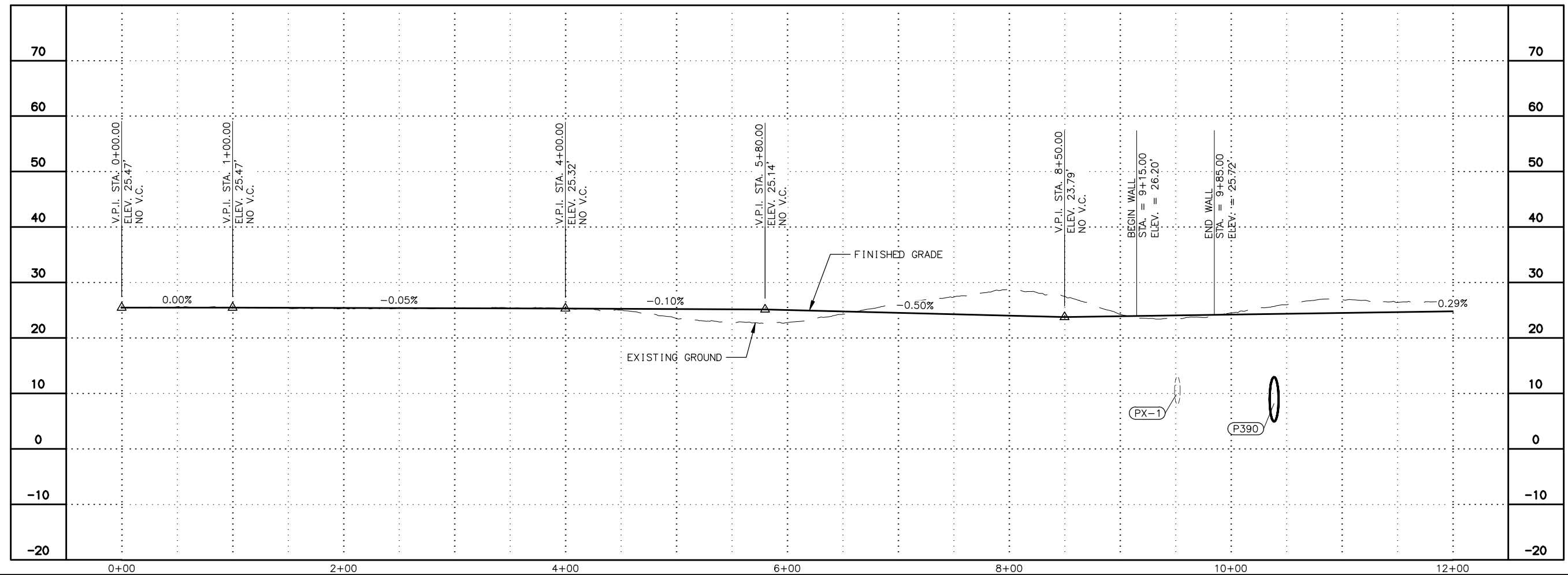
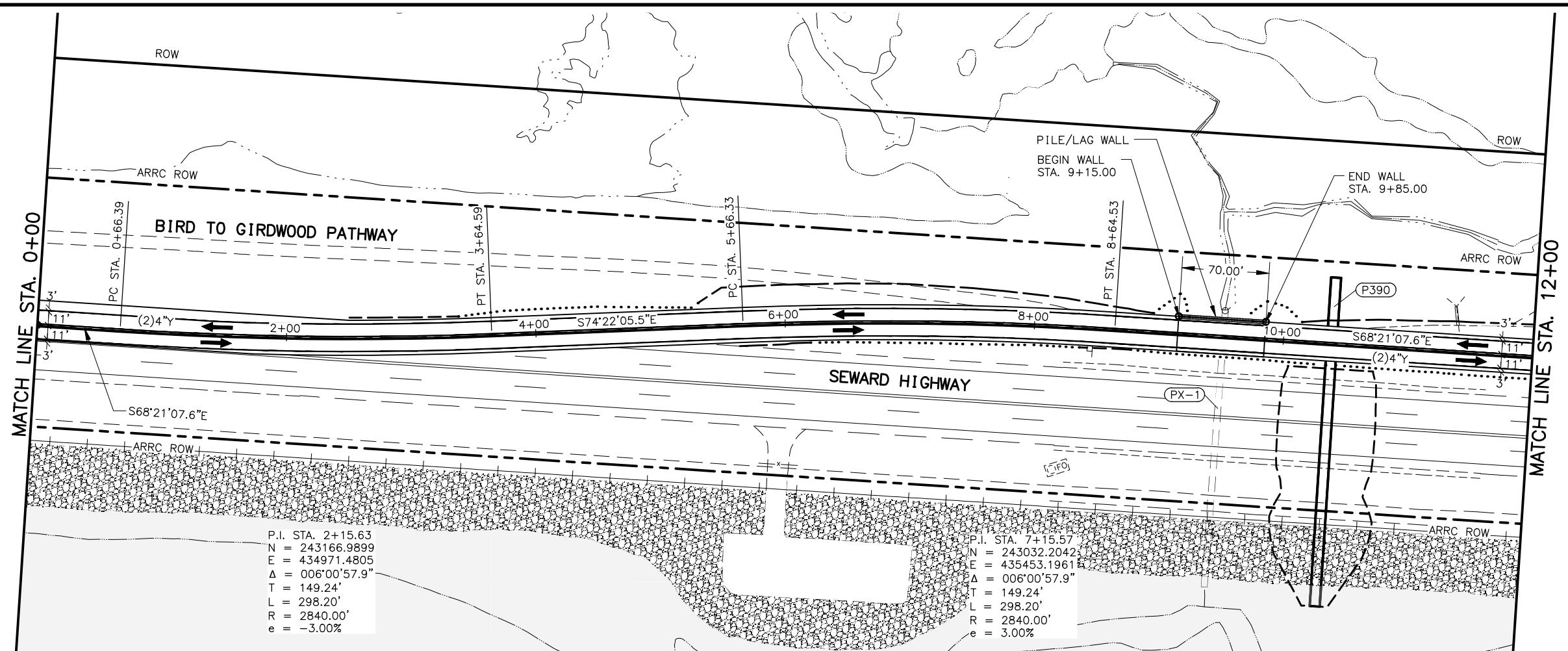
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DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



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DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SEWARD HIGHWAY
MP 90-99 PAVEMENT
PRESERVATION PHASE 2

DIVERSION ROAD – NORTH ALTERNATIVE



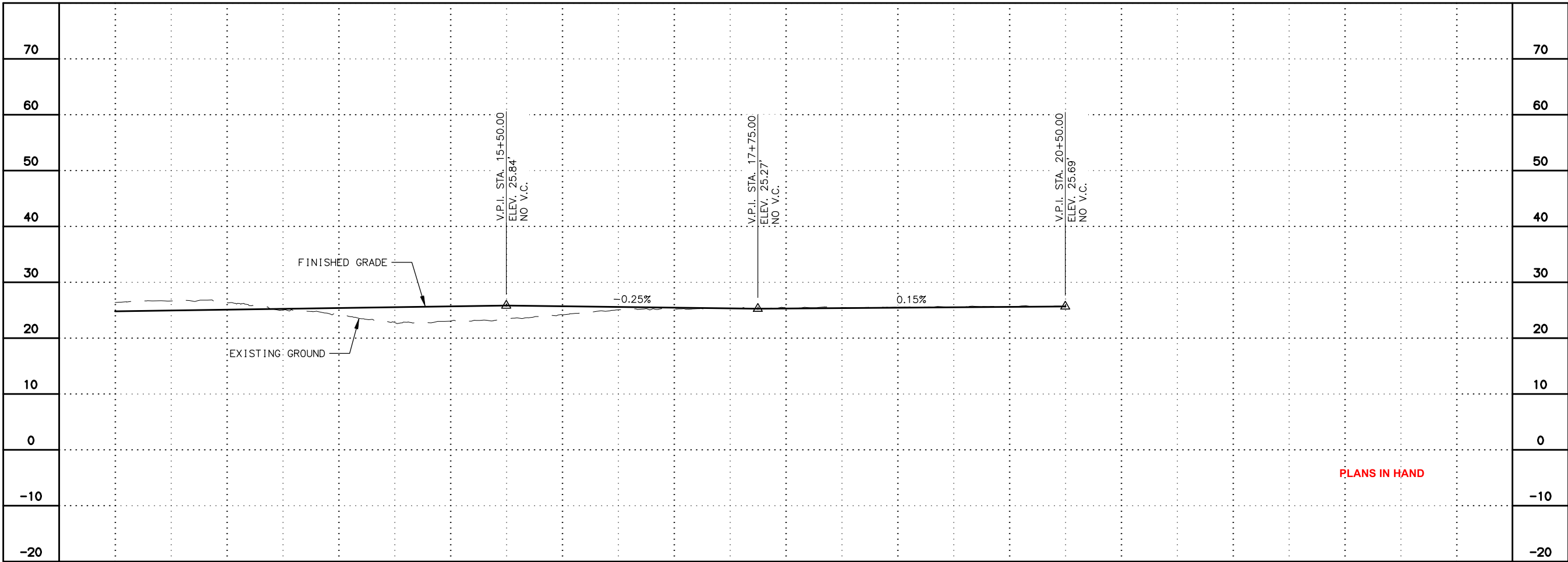
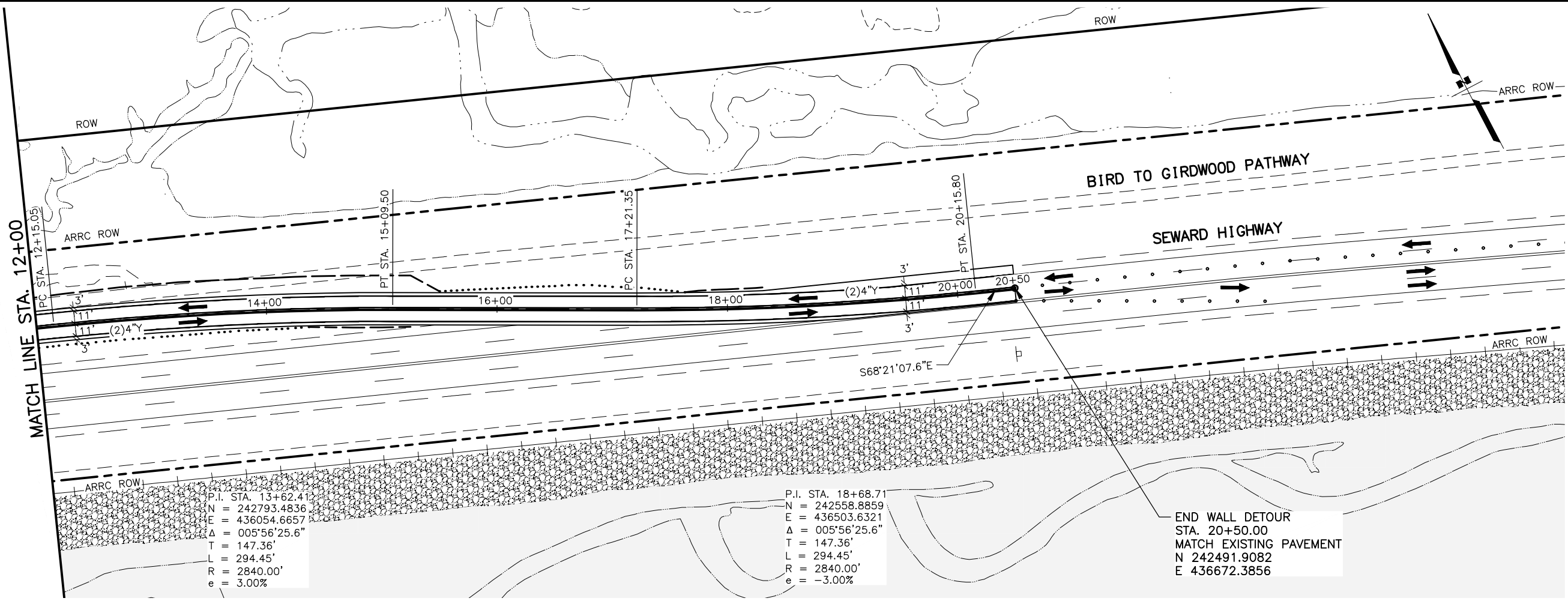
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PLANS IN HAND

SHEET NO.	TOTAL SHEETS
J4	J7
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
0A31066/ CFHWY00850	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

THIS SHEET

TO ANCHORAGE

SEWARD HIGHWAY

GIRDWOOD

STATE OF ALASKA

49th

PLANS IN HAND

PROJECT ENGINEER

0000

REGISTERED PROFESSIONAL ENGINEER

PLANS DEVELOPED BY:

LOUNSBURY & ASSOCIATES, INC.

3230 C ST, SUITE 201,

ANCHORAGE, AK 99503

(907) 272-5451

CERTIFICATE OF AUTHORITY NO. AECC391

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION

AND PUBLIC FACILITIES

SEWARD HIGHWAY

MP 90-99 PAVEMENT

PRESERVATION PHASE 2

DIVERSION ROAD -

NORTH ALTERNATIVE

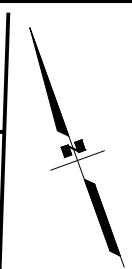
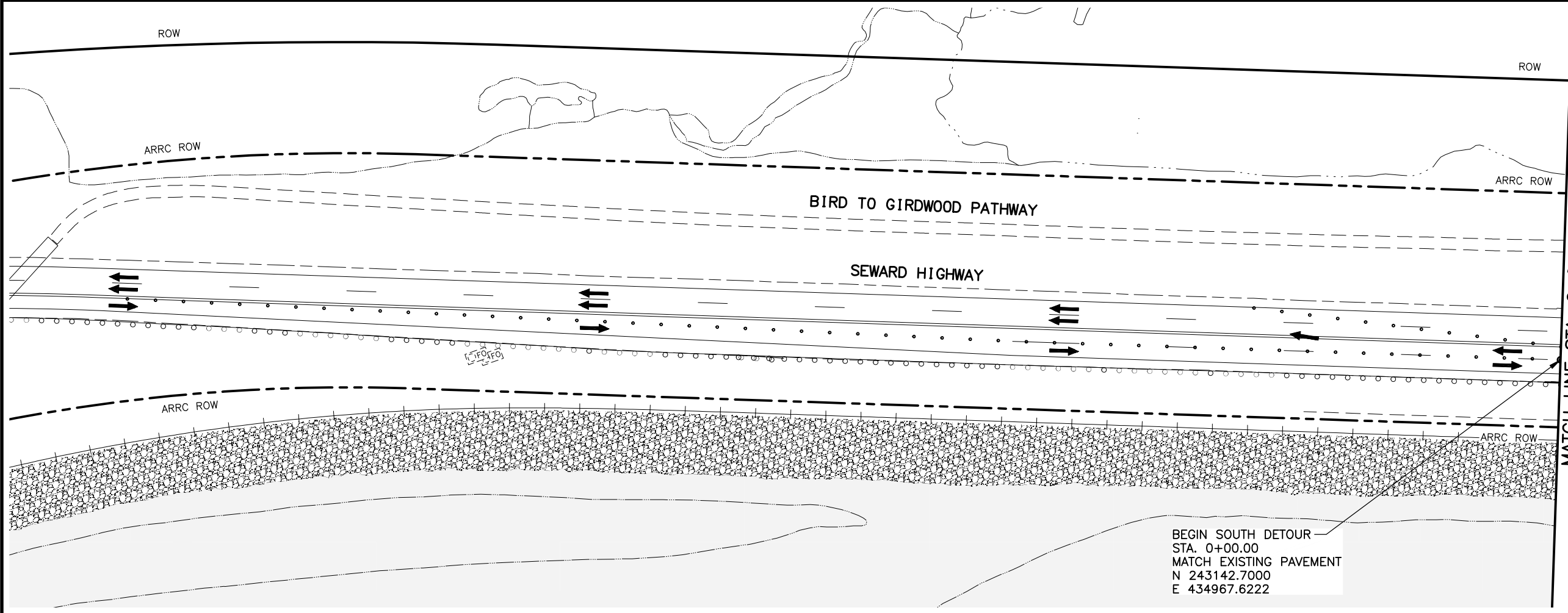
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LEGEND

• • •

TRAFFIC CONTROL DEVICES

➔

TRAFFIC FLOW

SHEET NO.	TOTAL SHEETS
J5	J7
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
0A31066/ CFHWY00850	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

THIS SHEET

TO ANCHORAGE

SEWARD HIGHWAY

GIRDWOOD

TURNAGAN ARM

STATE OF ALASKA

49th

PLANS IN HAND

PROJECT ENGINEER

0000

REGISTERED PROFESSIONAL ENGINEER

PLANS DEVELOPED BY:

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STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION

AND PUBLIC FACILITIES

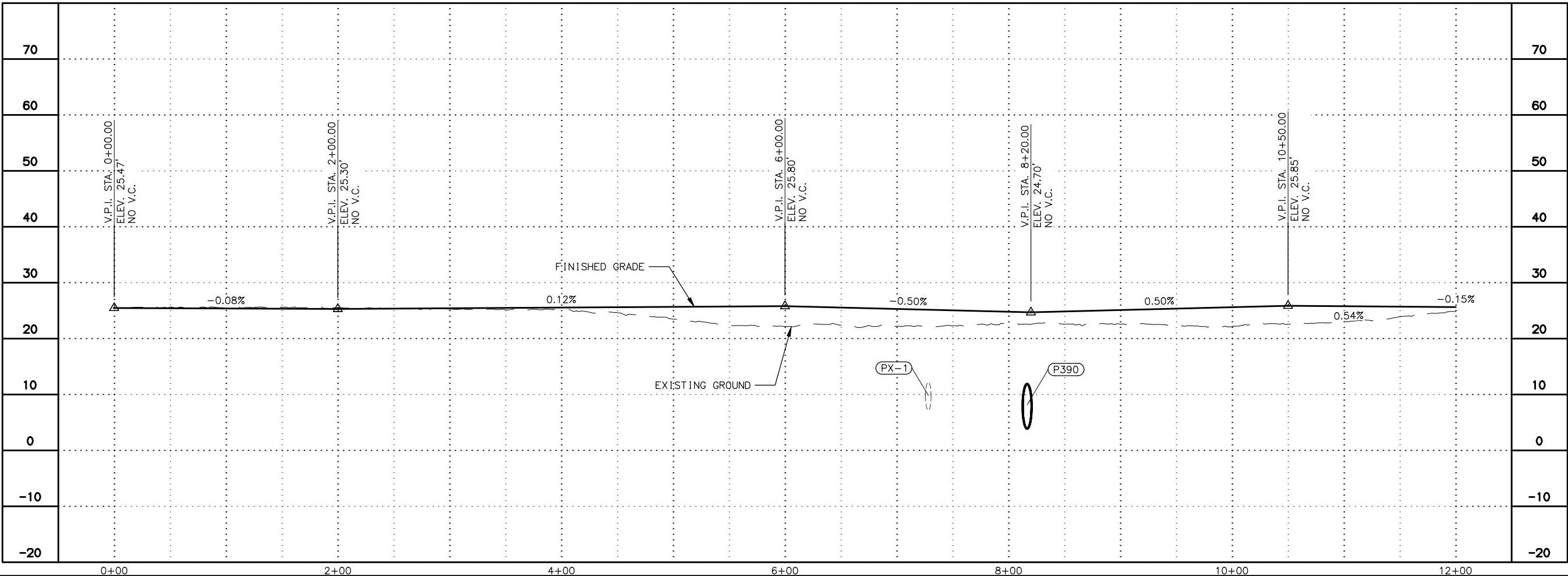
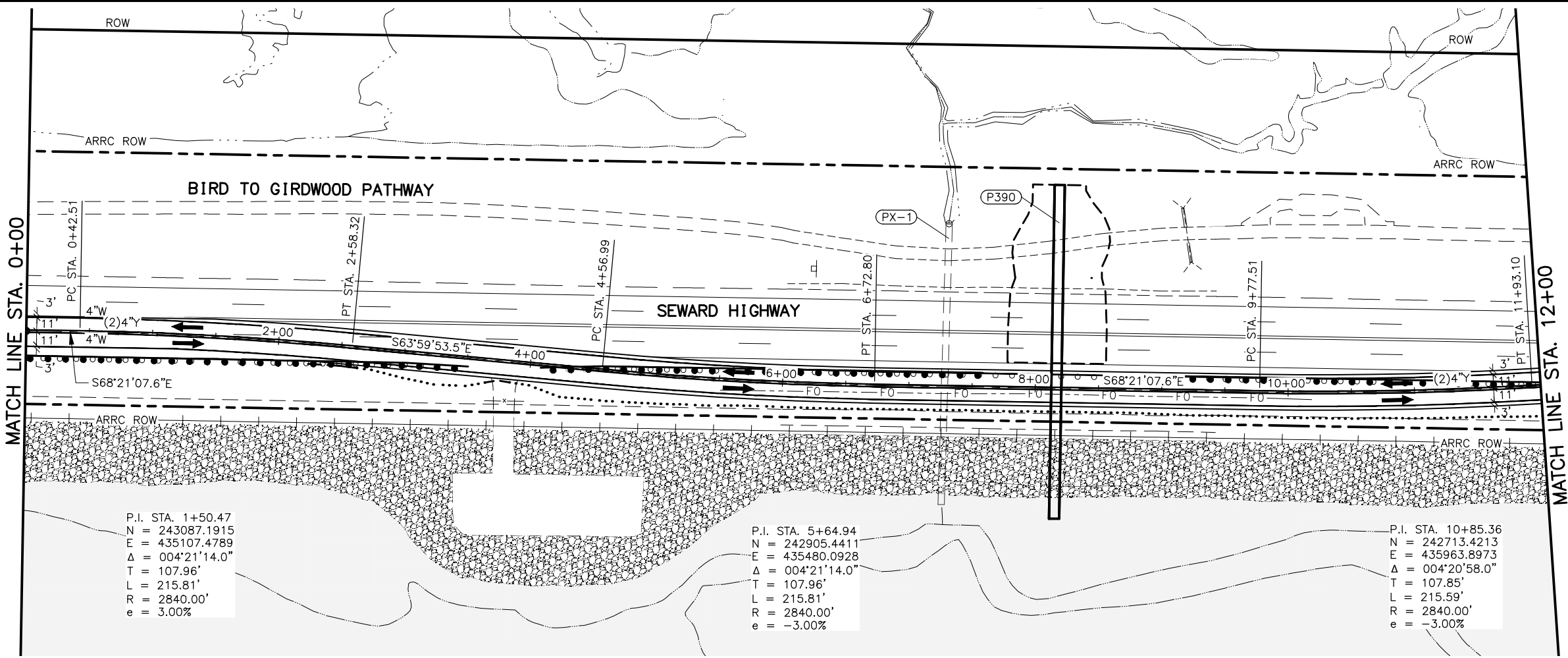
SEWARD HIGHWAY

MP 90-99 PAVEMENT

PRESERVATION PHASE 2

DIVERSION ROAD -

SOUTH ALTERNATIVE



SHEET NO.	TOTAL SHEETS
J6	J7
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
0A31066/ CFHWY00850	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

THIS SHEET

TO ANCHORAGE

SEWARD HIGHWAY

GIRDWOOD

STATE OF ALASKA

49th

PLANS IN HAND

PROJECT ENGINEER

0000

REGISTERED PROFESSIONAL ENGINEER

PLANS DEVELOPED BY:

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STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION

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SEWARD HIGHWAY

MP 90-99 PAVEMENT

PRESERVATION PHASE 2

DIVERSION ROAD -

SOUTH ALTERNATIVE

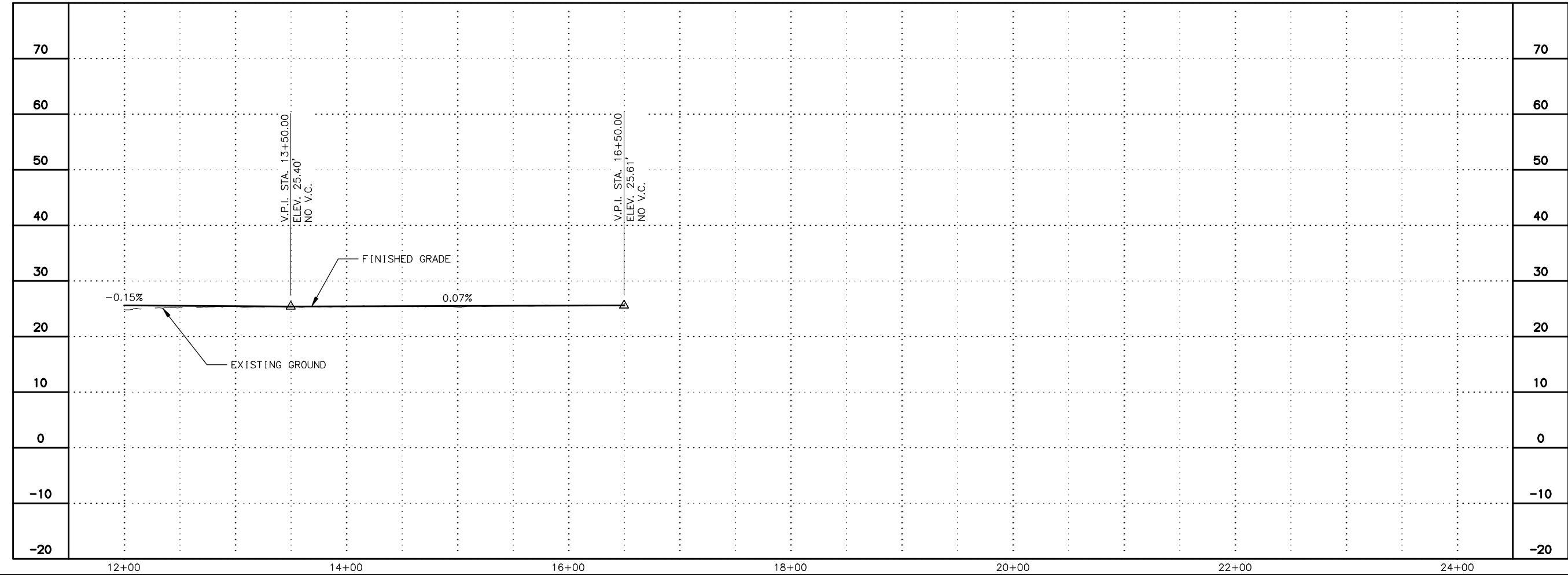
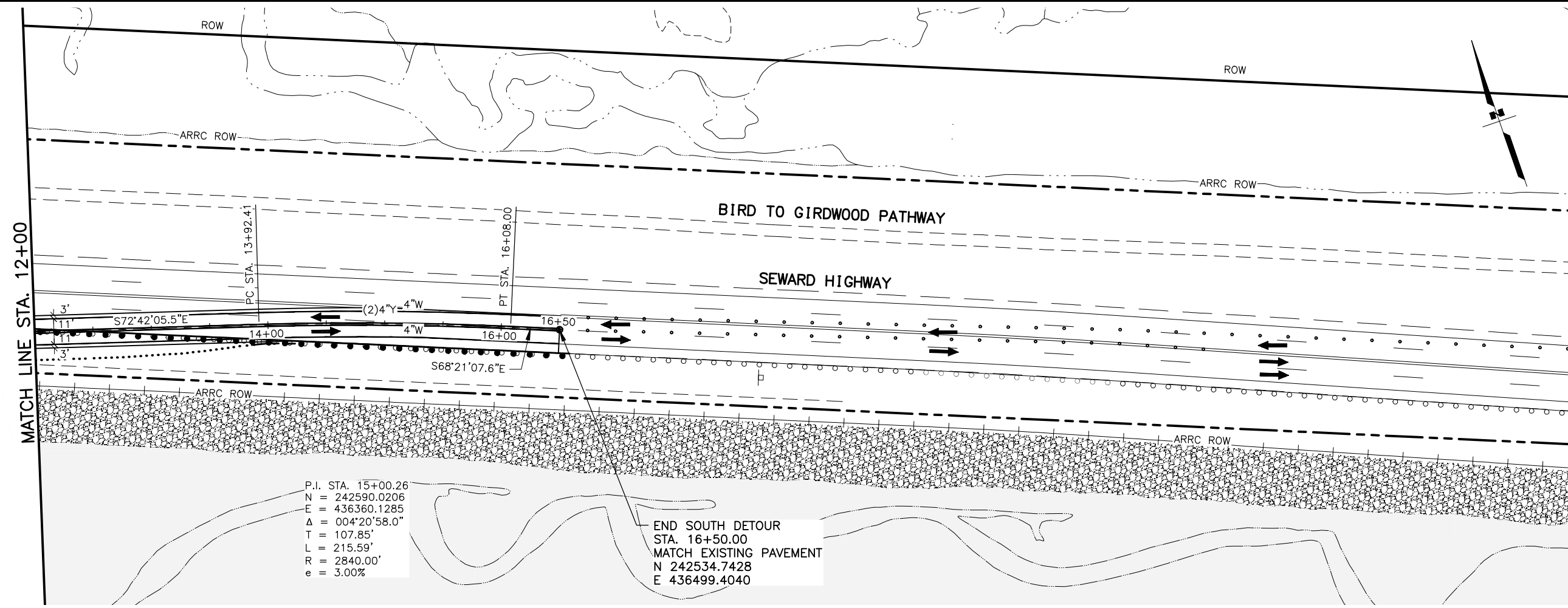
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SHEET NO.	J7	TOTAL SHEETS	J7
STATE	ALASKA	YEAR	2025
PROJECT DESIGNATION			
0A31066/ CFHWY00850			
NO.	REVISION		
DATE			
NO.	REVISION		
DATE			
NO.	REVISION		
DATE			

THIS SHEET

TO ANCHORAGE

SEWARD HIGHWAY

GIRDWOOD

STATE OF ALASKA

49th

PLANS IN HAND

PROJECT ENGINEER

0000

REGISTERED PROFESSIONAL ENGINEER

PLANS DEVELOPED BY:

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STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION

AND PUBLIC FACILITIES

SEWARD HIGHWAY

MP 90-99 PAVEMENT

PRESERVATION PHASE 2

DIVERSION ROAD -

SOUTH ALTERNATIVE