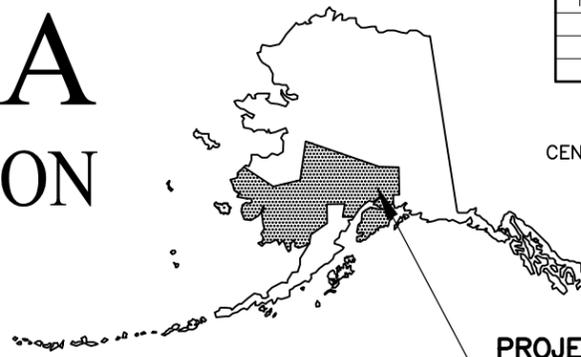


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 DESIGNED BY  
 CHECKED BY SMK  
 DRAFTED BY MTH  
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 TIME 6:30 PM  
 DATE 5/20/2025  
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# STATE OF ALASKA

## DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES



PROJECT LOCATION  
M&O STATION: PALMER

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001723/CFHWY00562	2025	A1	A6
ROUTE ID	2381073X000	MILEPOINT	TBD - TBD				
LATITUDE	61.617475	LONGITUDE	-149.589822				
ROUTE ID	2381064X000	MILEPOINT	MP 2.0690 - MP 2.4590				
LATITUDE	61.629911	LONGITUDE	-149.621144				

PROPOSED HIGHWAY PROJECT

### SELDON RD EXTENSION PHASE II

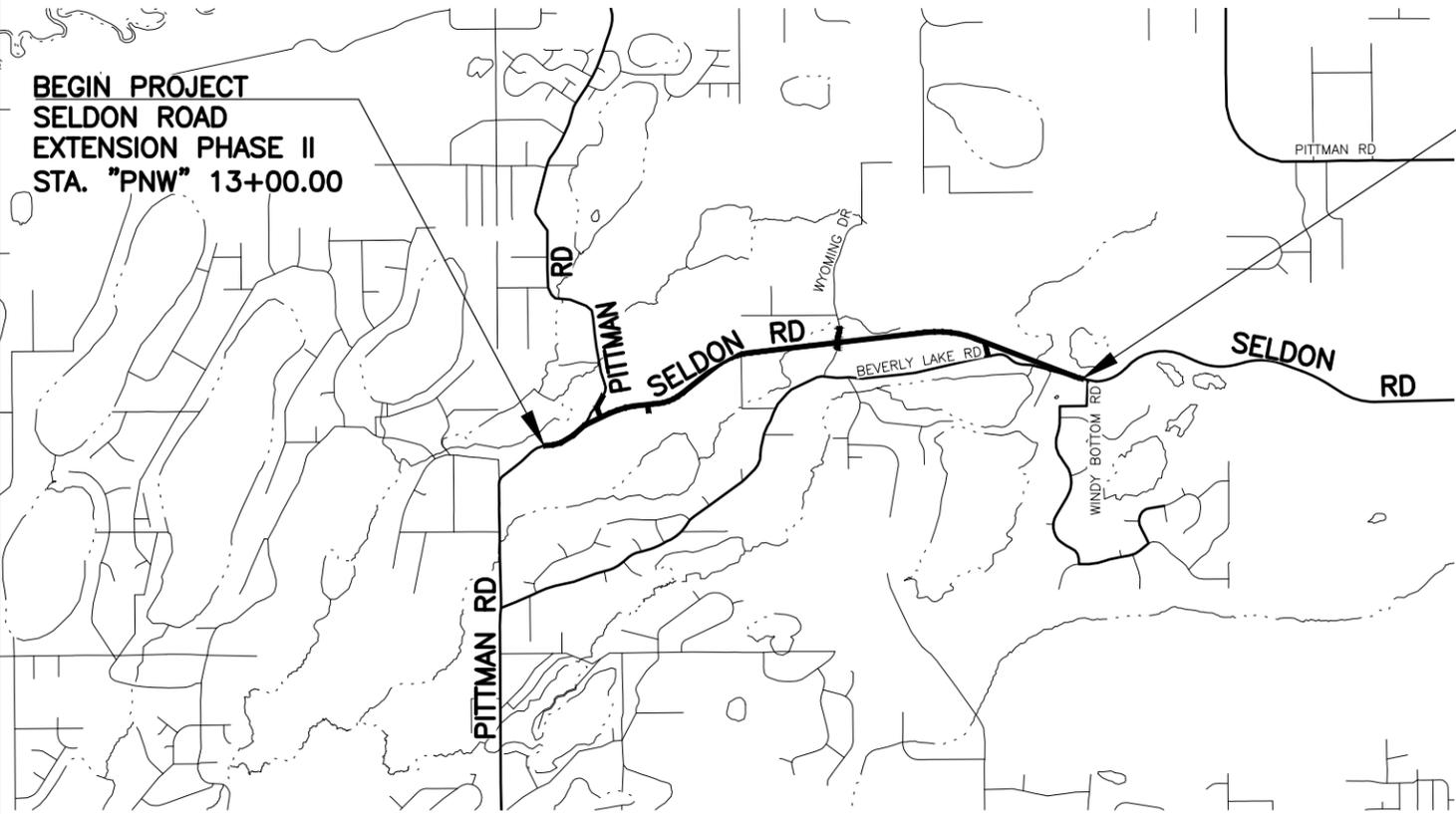
### WINDY BOTTOM/BEVERLY LAKES RD TO PITTMAN RD (MSB)

### PROJECT NO. 0001723/CFHWY00562

GRADING, DRAINAGE, PAVING, PATHWAYS, ILLUMINATION, SIGNING, AND STRIPING

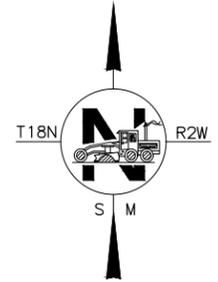
PROJECT SUMMARY		
ROADWAY	WIDTH	LENGTH
SELDON RD	40 FT	2.3 MILES

DESIGN DESIGNATIONS	
	SELDON ROAD
FUNCTIONAL CLASS	URBAN ARTERIAL
AADT (EXISTING YEAR)	6,874
AADT (DESIGN YEAR)	9,494
DESIGN SPEED (V) (MPH)	55
DHV (EXISTING YEAR)	619
DHV (DESIGN YEAR)	854
T-PERCENT COMMERCIAL TRUCKS (%)	5
D-DIRECTIONAL DISTRIBUTION (%)	60/40



BEGIN PROJECT  
SELDON ROAD  
EXTENSION PHASE II  
STA. "PNW" 13+00.00

END PROJECT  
SELDON ROAD  
EXTENSION PHASE II  
STA. "S" 122+25.00



# PRELIMINARY PLANS

PLANS DEVELOPED BY: STANTEC CONSULTING SERVICES 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	0001723/CFHWY00562	2025	A2	A6

**ABBREVIATIONS:**

ATB	ASPHALT SUPER BASE	LWE	LOW WIRE ELEVATION
BFS	BEGIN FULL SUPERELEVATION	MGAL	MILLION GALLON?
BOP	BEGINNING OF PROJECT	MIN	MINIMUM
BST	BEGIN SUPERELEVATION TRANSITION	OHE	OVERHEAD ELECTRIC
C&G	CURB AND GUTTER	PC	POINT OF CURVATURE
C	CENTERLINE	PCC	POINT OF COMPOUND CURVATURE
CS	CASE	P.I.	POINT OF INTERSECTION
CY	CUBIC YARD	PRC	POINT OF REVERSE CURVATURE
Δ	DELTA ANGLE	PT	POINT OF TANGENCY
DOT&PF	ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES	R	RADIUS
e	SUPERELEVATION	RMC	RIGID METAL CONDUIT
EA	EACH	ROW	RIGHT OF WAY
EFS	END FULL SUPERELEVATION	RT	RIGHT
EOP	END OF PROJECT	STA	STATION
EST	END SUPERELEVATION TRANSITION	SY	SQUARE YARD
FC	FACE OF CURB	T	TANGENT
HR	HOURLY	TBC	TOP BACK OF CURB
INT	INTERSECTION	TYP	TYPICAL
L	CURVE LENGTH	UG	UNDERGROUND GAS
LB	POUND	W	WHITE
LC	LOAD CENTER	Y	YELLOW
LF	LINEAR FEET	NB	NORTH BOUND
LS	LUMP SUM	EB	EAST BOUND
LT	LEFT	SB	SOUTH BOUND
		WB	WEST BOUND

**GENERAL NOTES:**

- ALL CONSTRUCTION SHALL BE CONTAINED WITHIN THE RIGHT-OF-WAY. 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 CREATED FOR THIS PROJECT BY STANTEC AND ARE BASED ON RECORDED DOCUMENTS AND/OR PLATTED SUBDIVISIONS, AND SURVEYED MONUMENTS. THE RIGHT-OF-WAY LINES WERE INSERTED USING A COMMON COORDINATE SYSTEM.
- ALL PAVEMENT CUTS SHALL BE MADE WITH A SAW OR ALTERNATE METHOD APPROVED BY THE ENGINEER. 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.
- CLEARING LIMITS SHALL BE 10 FEET BEYOND SLOPE CATCH POINTS OR 10 FEET INSIDE THE RIGHT-OF-WAY LINE, WHICHEVER IS LESS. IN WETLAND AREAS, DO NOT CLEAR BEYOND THE SLOPE STAKE CATCH POINT UNLESS OTHERWISE SHOWN ON THE PLANS.
- PLACE 4" TOPSOIL AND SEED:
  - BETWEEN CLEARING AND GRUBBING LIMITS AND AGGREGATE BASE COURSE LIMITS
  - IN AREAS BETWEEN ROADWAY AND PATHWAY OUTSIDE AGGREGATE BASE COURSE LIMITS
  - AS DIRECTED BY THE ENGINEER.

**INDEX**

SHEET NO.	DESCRIPTION
A1	TITLE SHEET
A2	SHEET LAYOUT, INDEX, AND GENERAL NOTES
A3	LEGEND
A4-A6	SURVEY CONTROL
B1-B2	TYPICAL SECTIONS
C1	ESTIMATE OF QUANTITIES
D1-D2	SUMMARY TABLES
E1-E5	DETAILS
F1-F31	PLAN AND PROFILE
G1-G3	GRADING
H1-H23	ILLUMINATION, SIGNING, AND STRIPING

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:

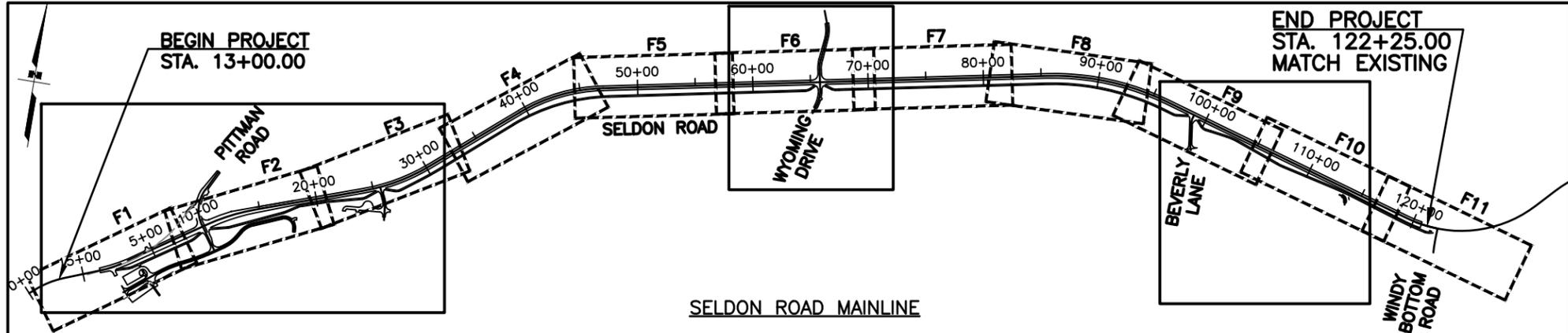
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F-01.04  
I-81.00  
L-25.01, L-30.11  
M-25.00  
S-00.12, S-05.02, S-30.05, S-31.02  
T-05.10, T-20.04, T-21.04, T-22.04

**ALIGNMENT ABBREVIATIONS:**

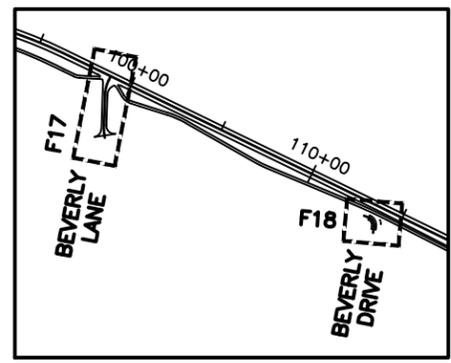
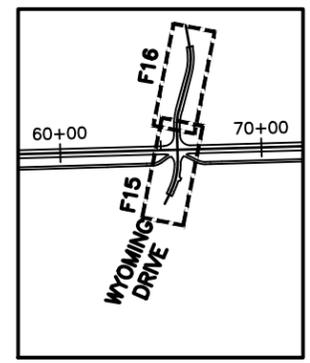
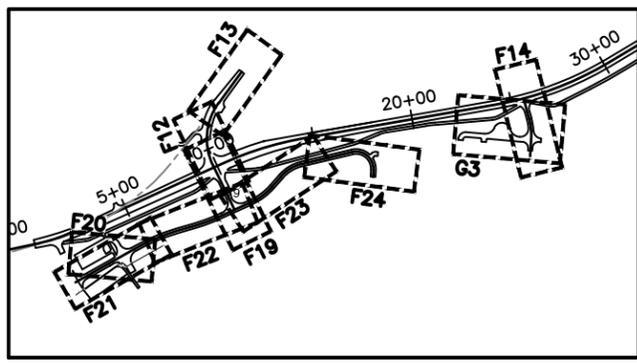
"B"	BEVERLY LANE
"BD"	BEVERLY DRIVE
"F"	N FULLER PLACE
"M"	MONROE CIRCLE
"P"	PATHWAY
"PF"	PITTMAN ROAD
"PN"	PITTMAN ROAD
"PNW"	PITTMAN WEST
"S"	W. SELDON ROAD
"T"	TRAILHEAD
"W"	WYOMING DRIVE
"Z"	W. ZEHNDER ROAD

**SPECIFICATION:**

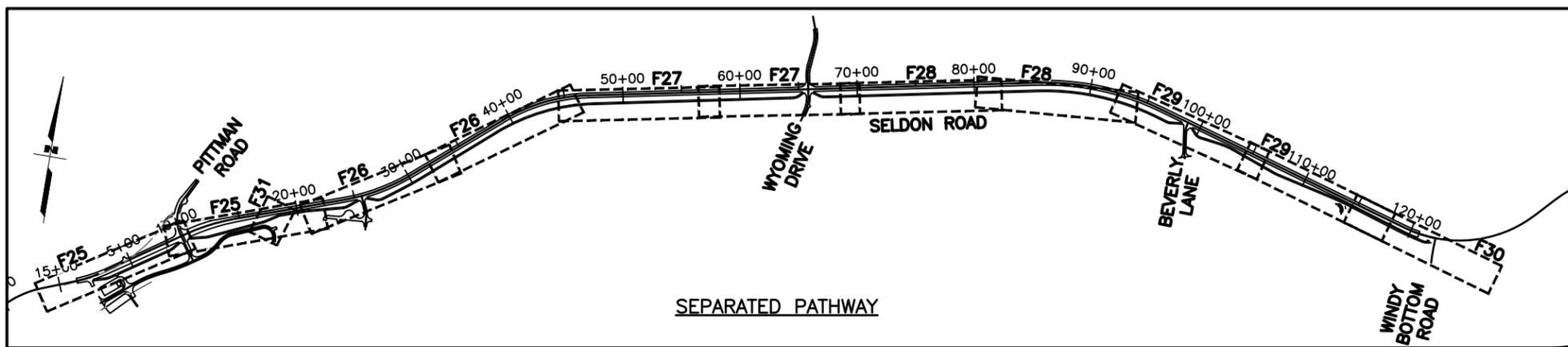
CONSTRUCT THE IMPROVEMENTS COVERED BY THESE PLANS IN ACCORDANCE WITH THE ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES 2020 STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AND THE PROJECT SPECIAL PROVISIONS.



SELDON ROAD MAINLINE



PUBLIC APPROACHES



SEPARATED PATHWAY



PLANS DEVELOPED BY:  
STANTEC CONSULTING SERVICES INC.  
3900 C STREET, SUITE 902  
ANCHORAGE, AK 99503  
907-276-4245  
CERTIFICATE OF AUTHORIZATION #126386

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES

**SELDON ROAD EXTENSION  
PHASE II  
WINDY BOTTOM/BEVERLY LAKES RD  
TO PITTMAN RD (MSB)  
SHEET LAYOUT, INDEX,  
AND GENERAL NOTES**

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DESIGNED BY: MLH  
CHECKED BY: SMK  
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NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0001723/CFHWY00562	2025	A3	A6

### ROADWAY

	EXISTING	PROPOSED
EDGE OF PAVEMENT		
LIMIT OF CUT SLOPE & FILL SLOPE		
GRAVEL EDGE		
SIDEWALK AND PATH/TRAIL		
CONCRETE CURB & GUTTER		
CONCRETE CURB CUT		
PARALLEL CURB RAMP		
PERPENDICULAR CURB RAMP		
UNIDIRECTIONAL CURB RAMP & MID-BLOCK CURB RAMP		
DETECTABLE WARNING TILE		
BRIDGE		
TUNNEL		
GUARDRAIL		
END & PARALLEL END SECTIONS		
ROADWAY OBLITERATION		
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		
PAVEMENT REMOVAL		

### 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		
UNDERGROUND GAS LINE MARKER		
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		
LOW WIRE ELEVATION		
TELEPHONE		
TELEPHONE MANHOLE, PEDESTAL		
FIBER OPTIC		
FIBER OPTIC MANHOLE		
CABLE TV		
CABLE TV PEDESTAL, SATELLITE DISH		
UNDERGROUND DUCT, UTILIDOR (ELECTRIC, TELEPHONE, FIBER OPTIC)		
VENT		

### 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	
8" & 4" YELLOW SOLID STRIPE	
4" YELLOW SKIP STRIPE	
10' STRIPES AND 30' SPACES	
STRIPING CHANGE STATION INTERVAL	
2' CROSSWALK OR STOPBAR	
LADDER CROSSWALK LAYOUT	
2' WIDE RUNGS 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		
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)		
PLANTER		
BUILDING OR FOUNDATION		
CONTOUR, MAJOR OR MINOR		
DRAINAGE FLOW		
CREEK (CENTERLINE)		
RIVER (EDGE OF WATER)		

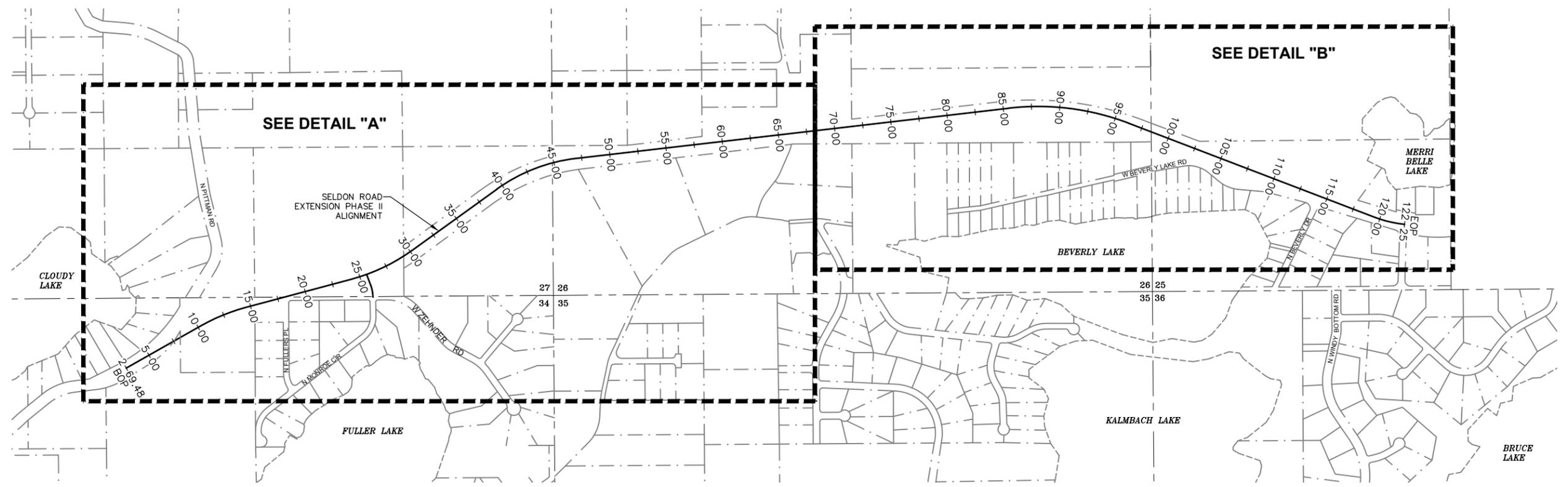


STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**SELDON ROAD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)  
 LEGEND**

PLANS DEVELOPED BY:  
 STANTEO CONSULTING SERVICES INC.  
 3900 C STREET, SUITE 902  
 ANCHORAGE, AK 99503  
 907-276-4245  
 CERTIFICATE OF AUTHORIZATION #126386

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001723/CFHWY00562	2025	A4	A6

DESIGNED BY: \_\_\_\_\_ CHECKED BY: \_\_\_\_\_ DRAFTED BY: \_\_\_\_\_  
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 DATE: 6/18/2025  
 TIME: \_\_\_\_\_  
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**HORIZONTAL CONTROL**

This survey uses a local ground coordinate system, in U.S. Survey Feet and is a modification of the Alaska State Plane Coordinate System, Zone 4. The local ground coordinate system preserves a state plane bearing basis while providing ground distances at the project location (see Conversion Parameters).

**BASIS OF GEODETIC COORDINATES**

The NAD83 (CORS96) (Epoch 2003.0) published positions of National Geodetic Survey (NGS) Continuously Operating Reference Stations (CORS) "AB25", "ATW2", and "ANC2" were held fixed.

**CONVERSION PARAMETERS**

To convert the ground coordinate system to NAD83 (CORS96) (Epoch 2003.0) Alaska State Plane Zone 4, perform the following:  
 1. Scale about 250000.000N, 150000.000E by 0.9998861990.  
 2. Add 2532666.142N, 1561997.648E to the resulting coordinates.

To convert NAD83 (CORS96) (Epoch 2003.0) Alaska State Plane Zone 4 to the ground coordinate system, perform the following:  
 1. Subtract 2532666.142N, 1561997.648E from project coordinates.  
 2. Scale about 250000.000N, 150000.000E by 1.0001138140.

**VERTICAL CONTROL**

The project vertical datum is GNSS-derived NAVD88 using Geoid09AK, holding the orthometric elevation of control point 512 fixed at 411.670 U.S. Survey Feet.

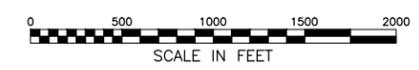
**PROJECT NOTES**

1. This survey does not constitute a subdivision as defined by AS 40.15.900(5).
2. The information shown hereon is based on a field survey performed by USKH Inc. (Stantec Consulting Inc.) from September to November, 2013, and from May to July, 2019.
3. Horizontal control points were surveyed using networked static GNSS techniques. GNSS observations were acquired using Trimble R6, R7, R8 and 5700 series receivers and processed using Trimble Business Center v3.1 office software.
4. All elevations were established using a Trimble Dini digital bar-code autolevel.
5. Recovered property corners shown on this sheet were surveyed using a combination of networked static and RTK GNSS techniques.
6. This is not a boundary survey. Property information shown hereon is for general reference only. This drawing was prepared without the benefit of a title commitment and may not show all easements and other encumbrances.
7. All dimensions, coordinates, and elevations shown are in U.S. Survey Feet unless otherwise noted.
8. Documents referenced hereon are recorded in the Palmer Recording District, AK.

SEE DETAIL "B"

SEE DETAIL "A"

**LEGEND**



**Surveyor's Certificate**

I hereby certify that I am properly Registered and Licensed to practice Land Surveying in the State of Alaska, and that this drawing represents a survey made by me or under my direct supervision, and that the monuments shown hereon actually exist as described, and that all dimensions and other details are correct to the extent shown hereon.

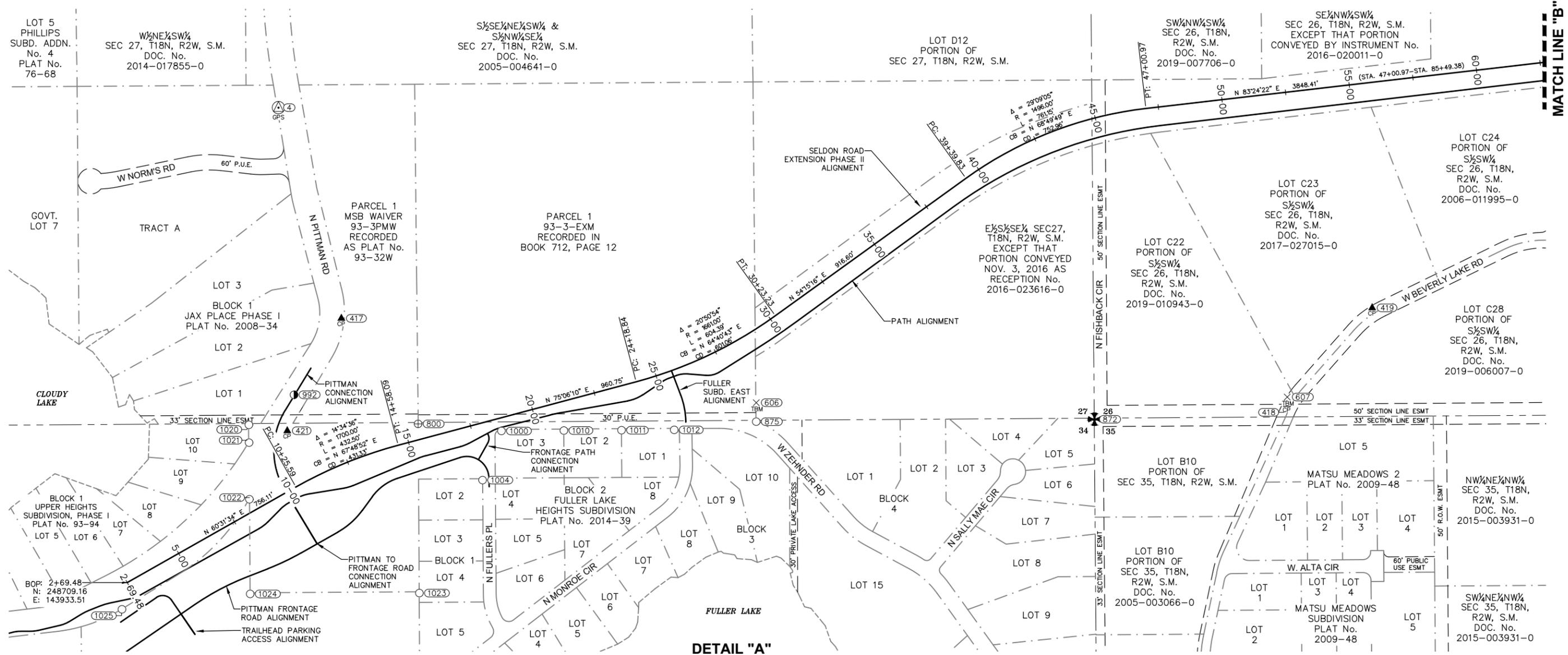
Dean Cimmiyotti LS-7613 Date



STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**SELDON ROAD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)  
 SURVEY CONTROL**

PLANS DEVELOPED BY:  
 STANTEC CONSULTING SERVICES INC.  
 3900 C STREET, SUITE 902  
 ANCHORAGE, AK 99503  
 907-276-4245  
 CERTIFICATE OF AUTHORIZATION #126386

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 TIME: 1:20:00  
 SCALE: 1" = 200'  
 DESIGNED BY: [Redacted]  
 CHECKED BY: [Redacted]  
 DRAFTED BY: [Redacted]



DETAIL "A"

CONTROL SYMBOLS LEGEND

- (XXX) POINT NUMBER IDENTIFIER
- FOUND MISC. PROPERTY CORNER
- ⊕ FOUND PRIMARY PROPERTY CORNER
- ⊙ FOUND PRIMARY CENTERLINE MONUMENT
- ⊗ SET TEMPORARY BENCH MARK
- ⊙ SET SECONDARY CONTROL POINT
- ⊙ SET PRIMARY CONTROL POINT
- SECTION LINE
- - - - - PARCEL LINE
- - - - - EASEMENT
- ALIGNMENT



Point #	Northing	Easting	Description	Station	Offset
800	249327.04	145068.89	Fnd AC	15+54.53	60.21L
872	249344.88	147708.68	Fnd BC[BLM]: S26[S27]S34[S35] *T18N R2W SM	37+98.72	1055.03R
875	249335.66	146388.62	Fnd Rbr	27+68.92	314.46R
992	249440.36	144584.62	Fnd BC[LS 4915]:DOT EOP	11+69.01	323.41L
1000	249299.20	145394.13	Fnd Rbr	18+61.68	50.31R
1004	249108.01	145320.69	Fnd Rbr	17+41.56	216.19R
1010	249300.83	145637.79	Fnd Rbr	20+97.57	111.37R
1011	249302.38	145862.83	Fnd Rbr-Bent	23+15.45	167.73R
1012	249303.59	146068.47	Fnd Rbr	25+03.25	221.86R
1020	249323.36	144408.35	Fnd Rbr/YPC[6925-S]: DENALI NORTH	9+85.07	301.08L
1021	249253.97	144409.03	Fnd Rbr/YPC[6925-S]: DENALI NORTH	9+51.51	240.34L
1022	249033.38	144410.64	Fnd Rbr/YPC[6925-S]: DENALI NORTH	8+44.38	47.51L
1023	248667.89	145073.75	Fnd Rbr/YPC[6925-S]: DENALI NORTH	13+54.70	575.95R
1024	248664.55	144413.54	Fnd Rbr/YPC[6925-S]: DENALI NORTH	6+65.43	275.02R
1025	248604.68	143913.11	Fnd Rbr/YPC[6925-S]: DENALI NORTH		
*1026	248002.06	143758.39	Fnd AC[MAT-SU BOROUGH]: MLFHS SE COR   NW 1/16 S 34		

\* Not shown this sheet.

Set Temporary Benchmarks						
Point #	Northing	Easting	Elevation	Description	Station	Offset
606	249410	146389	363.61	SET 6IN SPIKE IN 12IN BIRCH TREE	27+98.12	248.79R
607	249432	148461	381.65	SET 6IN SPIKE IN 10IN BIRCH TREE	51+20.26	1179.72R

Set Secondary Control						
Point #	Northing	Easting	Description	Station	Offset	
417	249738.01	144769.26	Set Rbr/RPC[USKH]: Control Point	13+91.58	536.11L	
418	249402.81	148459.26	Set Rbr/RPC[USKH]: Control Point	51+15.20	1208.25R	
419	249778.93	148792.36	Set Rbr/RPC[USKH]: Control Point	54+89.29	872.88R	
421	249300.21	144558.13	Set Rbr/RPC[STANTEC]: Control Point	10+95.50	208.85L	

Set Primary Control						
Point #	Description	Northing	Easting	Elevation	Station	Offset
4	Fnd SS ROD/ BC[USKH]: Geodetic Control Mark	250558.67	144523.86	358.40	13+95.61	1392.65L

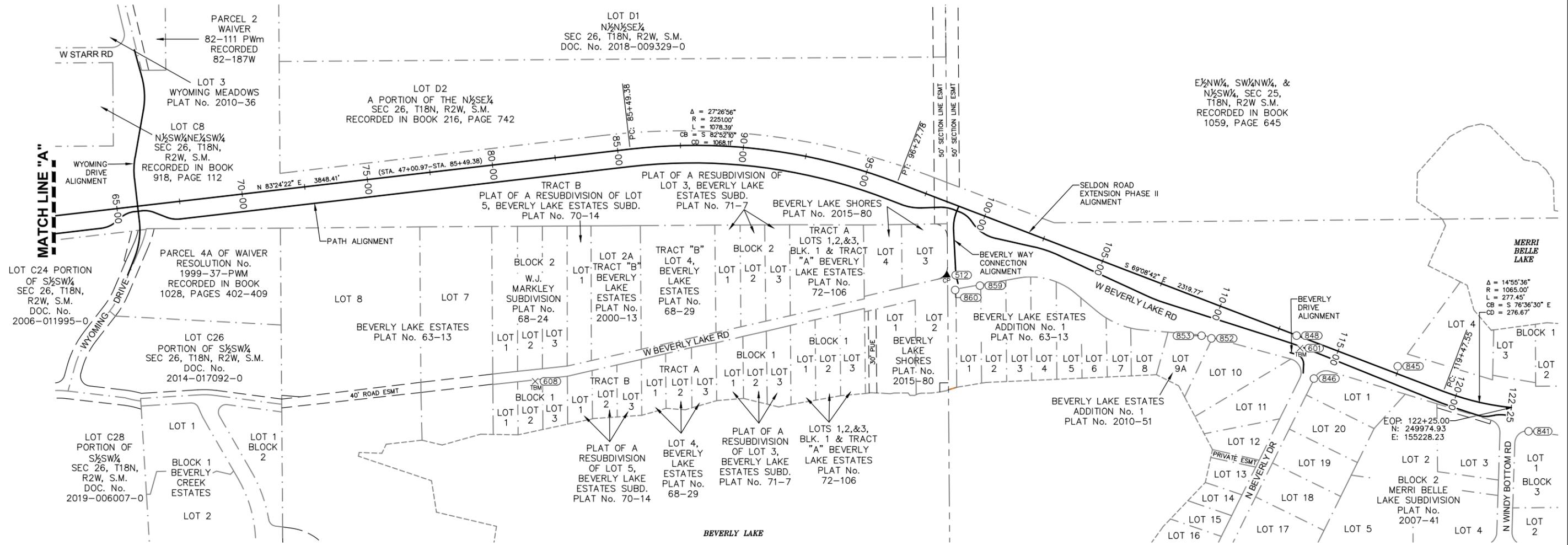
Point Station and Offset is in reference to the Seldon Road Extension Phase II Alignment.



STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES

**SELDON ROAD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)  
 SURVEY CONTROL**

DESIGNED BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 DRAFTED BY: \_\_\_\_\_  
 SCALE: 1" = 200'  
 DATE: 6/18/2025  
 DRAWING LOCATION: U:\2047079800\DRAWING\SHEETS\01723\_A04-A06\_SURVEYCONTROL.DWG



DETAIL "B"

CONTROL SYMBOLS LEGEND

- (XXX) POINT NUMBER IDENTIFIER
- FOUND MISC. PROPERTY CORNER
- × TBM SET TEMPORARY BENCH MARK
- ▲ SET SECONDARY CONTROL POINT
- SECTION LINE
- - - PARCEL LINE
- - - EASEMENT
- ALIGNMENT



Found Monuments					
Point #	Northing	Easting	Description	Station	Offset
* 836	249868.95	155635.96	Fnd AC[880-S]: L1 B3		
* 841	249880.92	155297.76	Fnd AC[LS 11796]: ROW 2016		
* 842	249866.48	155430.02	Fnd AC[LS 11796]: ROW 2016		
845	250138.18	154778.31	Fnd Rbr/YPC[880-S]: TRA L4 B1	117+42.82	28.13L
846	250089.78	154445.77	Fnd Rbr/YPC	114+49.29	135.48R
848	250259.60	154376.83	Fnd Rbr/YPC[880-S]: TR A	113+24.42	1.33R
852	250248.71	154039.06	Fnd Rbr/YPC[5081-S]: JWH	110+12.65	131.75R
853	250259.20	153999.77	Fnd Rbr/YPC[LS-5081]: JWH	109+72.20	135.94R
859	250457.38	153120.60	Fnd Rbr/RPC[7074-S]: CLS	100+80.08	263.73R
860	250439.84	153022.33	Fnd Rbr/RPC[LS-7074]	99+94.49	315.10R
* 873	249364.14	150348.37	Fnd BC[BLM]: C 1/4 COR S26/S35 *T18N R2W SM	69+87.38	1463.61R

\* Not shown this sheet.

Set Secondary Control					
Point #	Northing	Easting	Description	Station	Offset
512	250499.06	152989.11	Set Rbr/RPC[USKH]: Control Point	99+42.37	271.59R

Set Temporary Benchmarks						
Point #	Northing	Easting	Elevation	Description	Station	Offset
601	250210	154390	409.96	SET 6IN SPIKE IN 8IN BIRCH TREE	113+54.80	42.84R
* 602	250308	155817	430.76	SET 6IN SPIKE IN 11IN BIRCH TREE		
608	250079	151355	402.15	SET 6IN SPIKE IN 8IN BIRCH TREE	80+69.83	869.41R

\* Not shown this sheet.

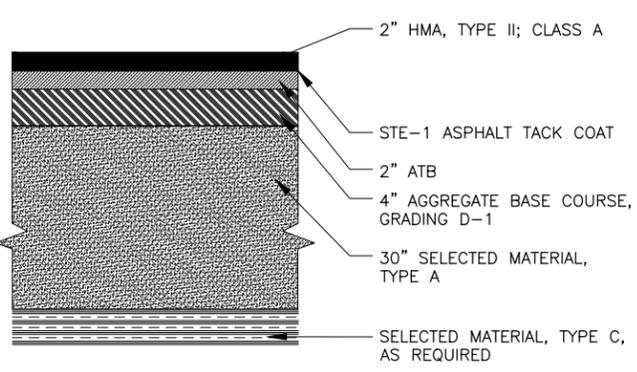
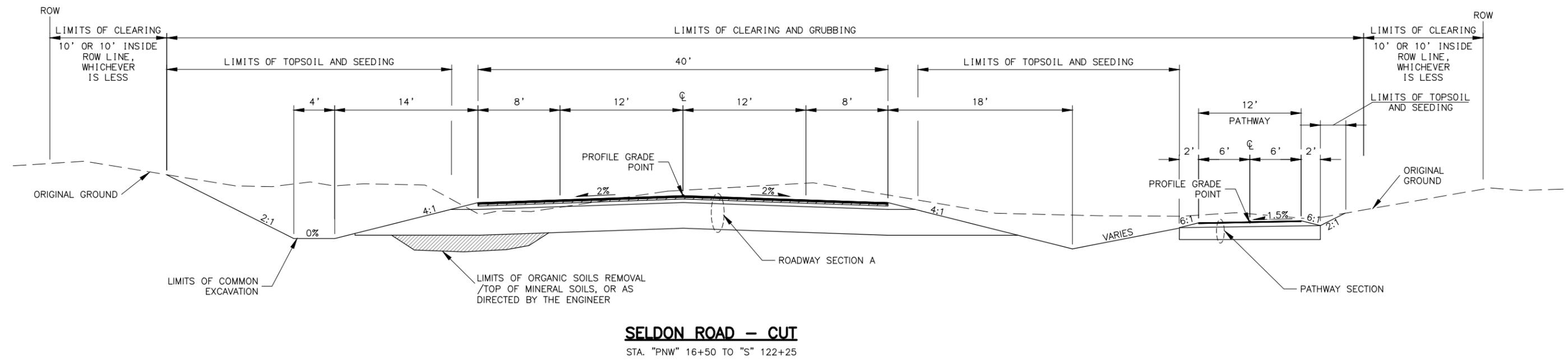
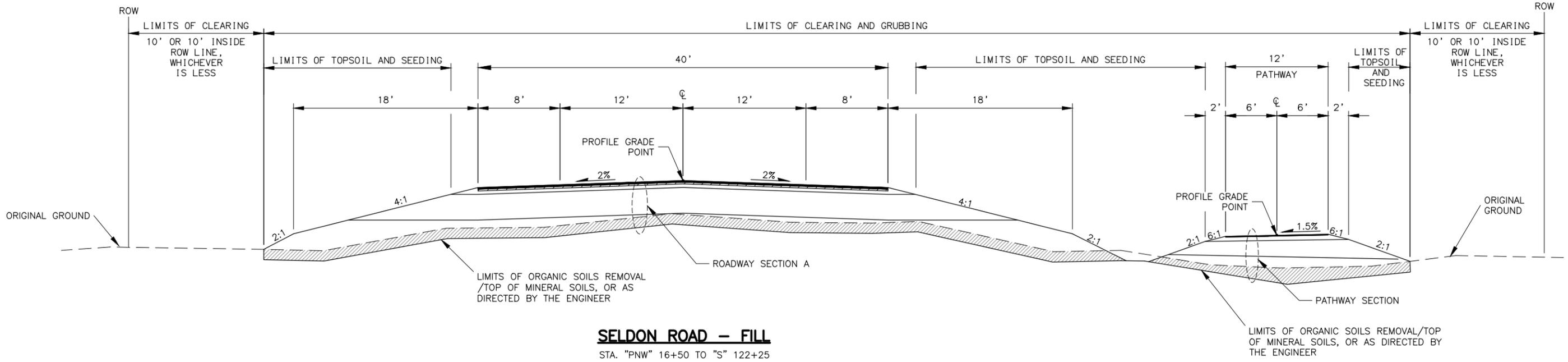
Point Station and Offset is in reference to the Seldon Road Extension Phase II Alignment.



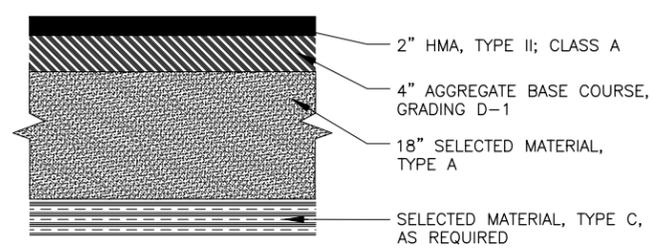
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**SELDON ROAD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)  
 SURVEY CONTROL**

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001723/CFHWY00562	2025	B1	B2

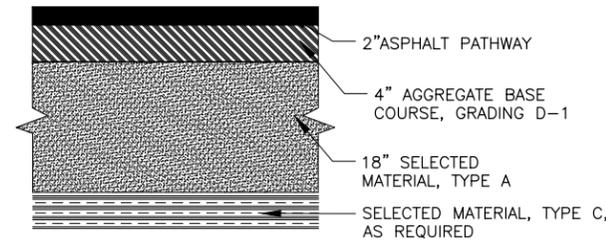
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 SCALE: \_\_\_\_\_  
 DATE: 6/18/2025  
 TIME: \_\_\_\_\_  
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**ROADWAY SECTION A**



**ROADWAY SECTION B**



**PATHWAY SECTION**

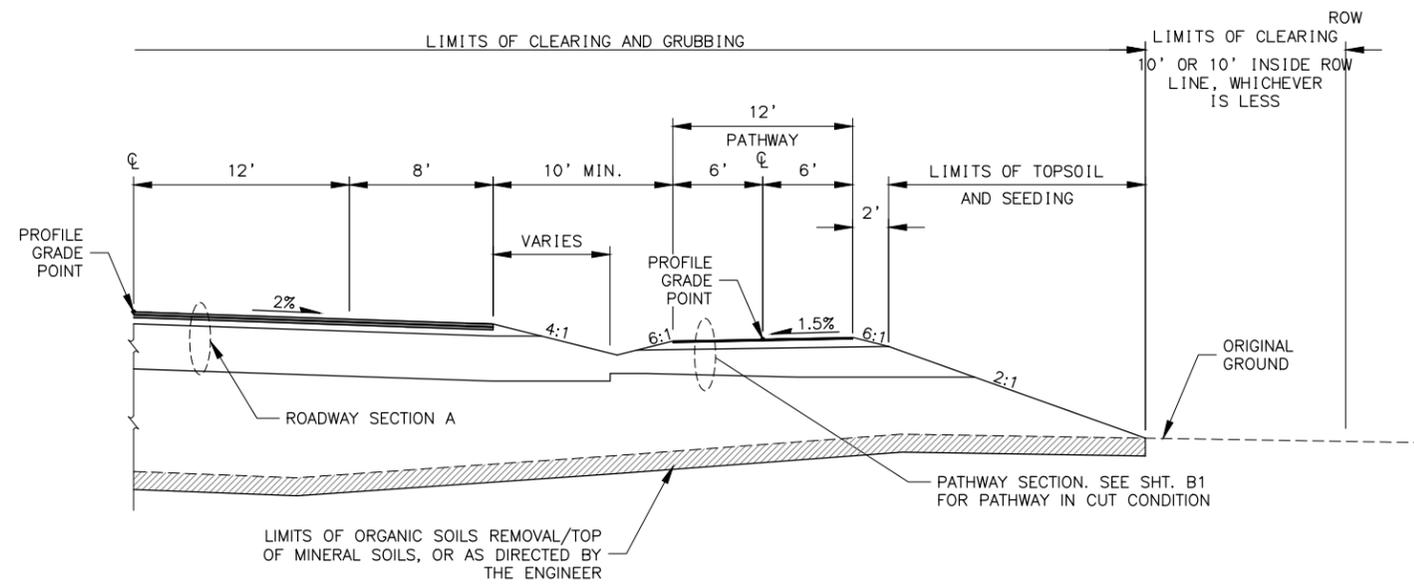


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 PHASE II**  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)  
 TYPICAL SECTIONS

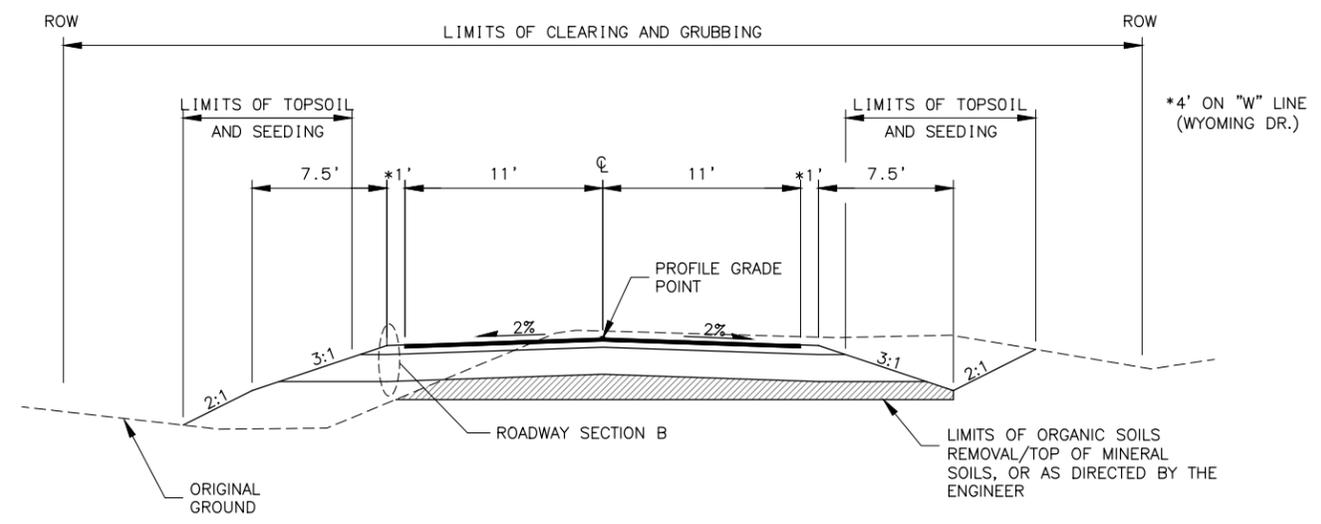
PLANS DEVELOPED BY:  
 STANTEC CONSULTING SERVICES INC.  
 3900 C STREET, SUITE 902  
 ANCHORAGE, AK 99503  
 907-276-4245  
 CERTIFICATE OF AUTHORIZATION #126386

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001723/CFHWY00562	2025	B2	B2

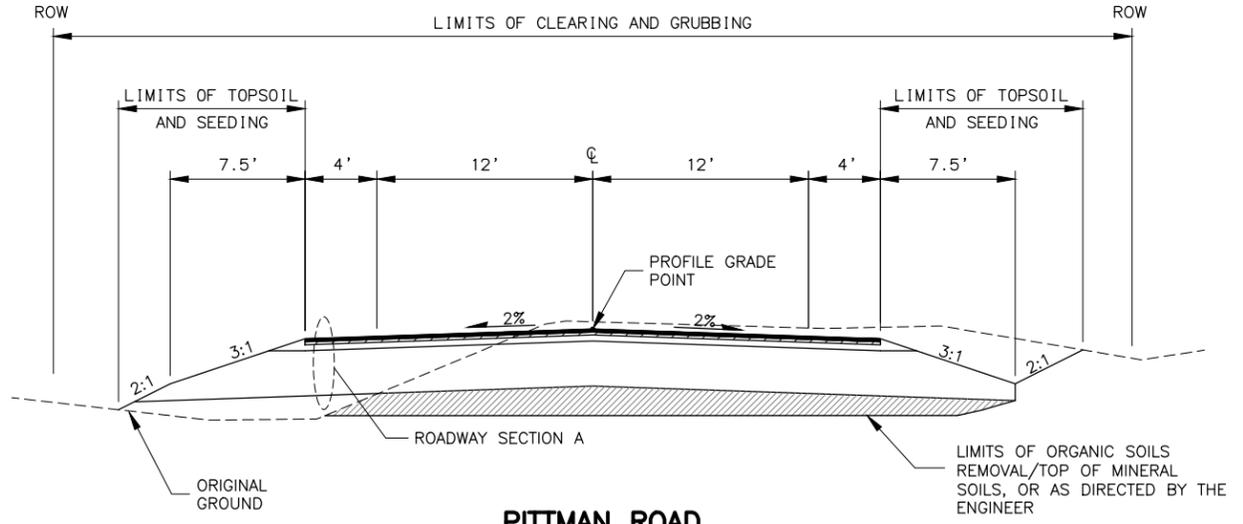
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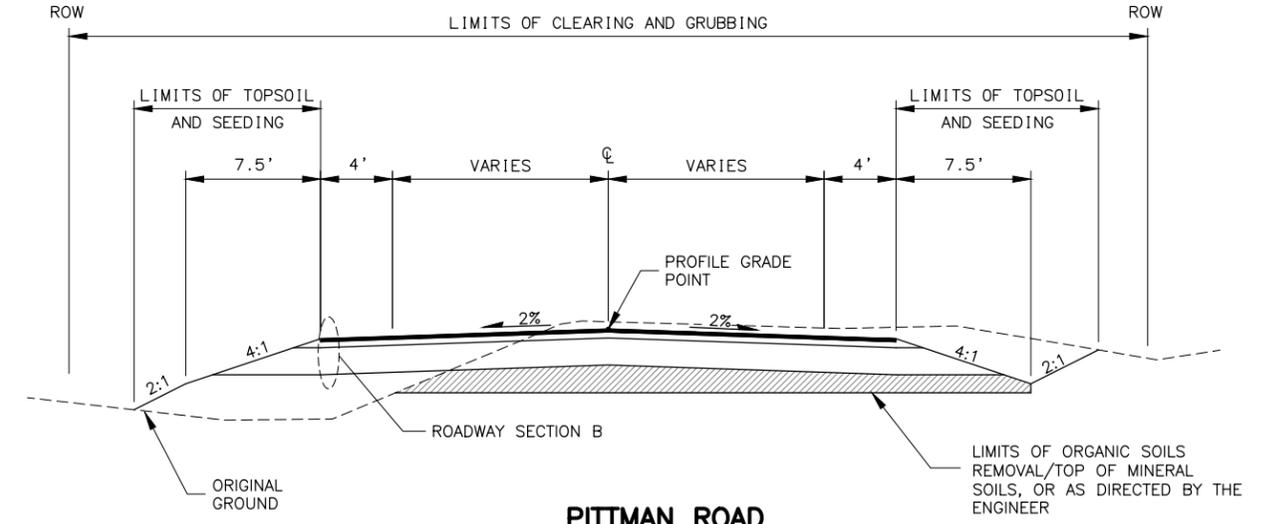
**PATHWAY ADJACENT TO ROADWAY**



**APPROACH ROADS**  
CUT AND FILL TYPICAL BOTH SIDES OF ROADWAY



**PITTMAN ROAD**  
STA.10+50 TO 15+00  
STA 50+50 TO 52+25



**PITTMAN ROAD**  
STA.15+00 TO 15+29.95

SLOPE EXCEPTION TABLE										
LEFT					STATION TO STATION	RIGHT				REMARKS
CUT SLOPE	FLAT BOTTOM DITCH	FILL	DITCH OFFSET	FORESLOPE		FORESLOPE	DITCH OFFSET	FILL	CUT	
1.5:1	4'	2:1	14'	4:1	"S"90+05 TO "S"90+45	4:1	18'	2:1	2:1	



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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001723/CFHWY00562	2025	C1	C1

### ESTIMATE OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
smk			
201.0003.0000	CLEARING AND GRUBBING	ACRE	47.8
202.0001.0000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	ALL REQ'D
202.0002.0000	REMOVAL OF PAVEMENT	SY	101000
202.0004.0000	REMOVAL OF CULVERT PIPE	LF	310
202.2022.0000	REMOVAL OF FENCE	LF	1800
202.2027.0000	CLUSTER MAIL BOX UNIT	EACH	1
203.0003.0000	UNCLASSIFIED EXCAVATION	CY	177000
203.0006.000A	BORROW, TYPE A	TON	190900
203.0009.0000	OBLITERATION OF ROADWAY	SY	40800
301.0001.00D1	AGGREGATE BASE COURSE, GRADING D-1	TON	28000
306.0001.0000	ATB	TON	7200
306.0002.5240	ASPHALT BINDER, GRADE PG 52-40E	TON	390
401.0001.002A	HMA, TYPE II; CLASS A	TON	9000
401.0004.5240	ASPHALT BINDER, GRADE PG 52-40E	TON	530
401.0008.002A	HMA PRICE ADJUSTMENT, TYPE II, CLASS A	CS	ALL REQ'D
401.0015.0000	ASPHALT MATERIAL PRICE ADJUSTMENT	CS	ALL REQ'D
402.0001.STE1	STE-1 ASPHALT FOR TACK COAT	TON	22
603.0017.0018	18 INCH PIPE	LF	257
603.0017.0024	24 INCH PIPE	LF	960
603.0017.0030	30 INCH PIPE	LF	110
603.0017.0066	66 INCH PIPE	LF	115
603.0020.0018	END SECTION FOR 18 INCH PIPE	EA	14
603.0020.0024	END SECTION FOR 24 INCH PIPE	EA	28
603.0020.0030	END SECTION FOR 30 INCH PIPE	EA	4
606.2002.0000	STEEL BOLLARD, REMOVABLE	EA	4
607.0003.0000	CHAIN LINK FENCE	LF	414
607.0005.0000	DRIVE GATE	EA	2
608.2002.0000	ASPHALT PATHWAY	TON	1900
611.0002.0001	RIPRAP, CLASS I	TON	77
615.0001.0000	STANDARD SIGN	SF	472
615.0006.0000	SALVAGE SIGN	EA	13
618.0002.0000	SEEDING	LB	1450
620.0001.0000	TOPSOIL	SY	108000
639.0002.0000	RESIDENCE DRIVEWAY	EA	5
639.2000.0000	APPROACH	EA	12
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 AND POLLUTION CONTROL	CS	ALL REQ'D
641.0006.0000	WITHOLDING	CS	ALL REQ'D
641.0007.0000	SWPPP MANAGER	LS	ALL REQ'D

### ESTIMATE OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
642.0001.0000	CONSTRUCTION SURVEYING	LS	ALL REQ'D
642.0003.0000	THREE PERSON SURVEY PARTY	HR	100
642.2006.0000	CONTRACTOR-FURNISHED ENGINEERING TOOLS	CS	ALL REQ'D
643.0002.0000	TRAFFIC MAINTENANCE	LS	ALL REQ'D
643.0003.0000	PERMANENT CONSTRUCTION SIGNS	LS	ALL REQ'D
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
644.0001.0000	FIELD OFFICE	LS	ALL REQ'D
644.2004.0000	ENGINEERING COMMUNICATIONS	CS	ALL REQ'D
644.2007.0000	VEHICLE (LT/SUV)	EA	3
645.0001.0000	TRAINING PROGRAM, 1 TRAINEE / 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
660.0002.0000	FLASHING BEACON SYSTEM COMPLETE	LS	ALL REQ'D
660.0003.0000	HIGHWAY LIGHTING SYSTEM COMPLETE	LS	ALL REQ'D
660.0013.0000	RELOCATE ELECTROLIER	EA	3
661.0002.0000	LOAD CENTER, TYPE 1A	EA	3
670.2000.0000	MMA PAVEMENT MARKINGS	LS	ALL REQ'D
670.0010.0000	METHYL METHACRYLATE PAVEMENT MARKINGS	LS	ALL REQ'D
682.2005.0000	UTILITY POTHOLE	CS	ALL REQ'D

### TABLE OF ESTIMATING FACTORS

ITEM NO.	ITEM DESCRIPTION	ESTIMATING FACTOR	
203.0006.000A	BORROW, TYPE A	144	LB./CU. FT.
203.0006.000C	BORROW, TYPE C	144	LB./CU. FT.
301.0001.00D1	AGGREGATE BASE COURSE, GRADING D-1	144	LB./CU. FT.
306.0001.0000	ATB	151	LB./CU. FT.
306.0002.5240E	ASPHALT BINDER, GRADE PG 52-40 E	5.30%	WT. OF 306.0001.0000
401.0001.002A	HMA, TYPE II; CLASS A	151	LB./CU. FT.
401.0004.5240E	ASPHALT BINDER, GRADE PG 52-28 E	5.30%	WT. OF 401.0001.002A
402.0001.STE-1	STE-1 ASPHALT FOR TACK COAT	0.000334	TON/SQ. YD.
608.2002.0000	ASPHALT PATHWAY	153	LB./CU. FT.
611.0001.0001	RIPRAP CLASS I	108	LB./CU. FT.



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 TO PITTMAN RD (MSB)  
 ESTIMATE OF QUANTITIES**

MLH  
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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001723/CFHWY00562	2025	D1	D2

202.0001.0000 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS			
SHEET	STATION	OFFSET (FT)	REMARKS
F1	"F" 10+11	94 RT	DRIVE GATE
F1	"F" 10+14	141 LT	DRIVE GATE
F1	"F" 13+39	112 LT	DRIVE GATE
F2	"F" 12+50	105 LT	BOULDERS (3)
F2	"S" 13+07	45 LT	DRIVE GATE
F24	"F" 25+05	2 RT	STRUCTURE FOUNDATION (2015 SF)
F24	"F" 25+81	34 RT	DOMESTIC WELL
PAY ITEM QUANTITY		ALL REQ'D	

202.2027.0000 - CLUSTER MAIL BOX UNIT					
SHEET	EXISTING		PROPOSED		REMARKS
	STATION	OFFSET	STATION	OFFSET	
F2-F3	18+96	47.5 RT	26+02	245.5 RT	
TOTAL:			1		

202.0002.0000 - REMOVAL OF PAVEMENT				
SHEET	STATION		QUANTITY (SY)	REMARKS
	FROM	TO		
F1,F12-F13	"S" 2+69	"S" 12+60	53,419	SCHOOL ACCESS & PITTMAN ROAD
F10-F11	"S" 113+49	"S" 120+74	28,255	EOP
F15-F16	"W" 10+50	"W" 19+09	19,227	WYOMING DRIVE
QUANTITY TOTAL:			100,900	
PAY ITEM QUANTITY:			101,000	

203.0009.0000 - OBLITERATION OF ROADWAY					
SHEET	STATION		OFFSET	AREA (SY)	REMARKS
	FROM	TO			
F1	"S" 3+13	"S" 3+94	RT	2,349	ABANDONED APPROACH
F1	"S" 4+33	"S" 4+68	RT	7,456	SCHOOL ACCESS
F1	"S" 5+18	"S" 9+78	LT	13,566	PITTMAN ROAD
F1	"S" 8+91	"S" 10+20	LT	1,568	PITTMAN ROAD
F2	"S" 15+55	"S" 16+41	LT	875	FULLER PLACE
F10	"S" 113+91	"S" 116+55	RT	3,647	BEVERLY DRIVE
F15	"W" 11+73	"W" 12+29	RT	486	WYOMING DRIVE ALIGNMENT
F15-F16	"W" 13+26	"W" 16+74	RT	7,129	WYOMING DRIVE ALIGNMENT
TOTAL:				37,076	
PAY ITEM QUANTITY:				40,800	

202.0004.0000 - REMOVAL OF CULVERT PIPE					
SHEET	STATION	OFFSET (FT)	PIPE DIAMETER INCHES	LENGTH (FT)	REMARKS
F1	"P" 5+85	CL	18	79	
F1	"S" 4+38	30 RT	12	51	
F2	"S" 11+23	259 LT	24	78	
F2	"S" 12+37	382 LT	24	40	
F2	"S" 18+10	48 RT	18	38	
F10	"S" 1130+00	58 RT	12	24	
QUANTITY TOTAL:				310	
PAY ITEM QUANTITY:				310	

606.2001.0000 - STEEL BOLLARD, FIXED				
SHEET	STATION	OFFSET (FT)	QUANTITY	REMARKS
F22	"F" 12+36.6	34.0 RT	1	
F22	"F" 12+37.3	41.2 RT	1	
F22	"F" 12+49.3	39.9 RT	1	
F22	"F" 12+52.0	47.7 RT	1	
TOTAL:			4	

202.2022.0000 - REMOVAL OF FENCE					
SHEET	STATION		OFFSET	LENGTH (LF)	REMARKS
	FROM	TO			
F1	"S" 0+89	"S" 1+08	RT	21	
F1	"S" 0+96	"S" 1+24	RT	61	
F1	"S" 1+36	"S" 1+55	RT	262	
F1	"S" 1+51	"S" 4+33	RT	282	
F1	"S" 4+62	"S" 5+90	RT	248	
F2	"S" 18+05	"S" 22+04	LT/RT	436	
F6	"S" 62+01	"S" 63+85	LT/RT	420	
F10	"S" 112+77	"S" 113+05	RT	28	
QUANTITY TOTAL:				1,758	
PAY ITEM QUANTITY:				1,800	

607.0003.0000 - CHAIN LINK FENCE						
SHEET	FROM		TO		QUANTITY	REMARKS
	STATION	OFFSET (FT)	STATION	OFFSET (FT)		
F22	"F" 9+70.9	55.1 RT	"F" 9+90.7	53.1 RT	20	
F22	"F" 10+18.6	50.1 RT	"F" 12+35.8	26.8 RT	218	
F22	"F" 12+90.7	55.6 RT	"F" 14+73.8	46.8 RT	176	
QUANTITY TOTAL:					414	
PAY ITEM QUANTITY:					414	



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 TO PITTMAN RD (MSB)  
 SUMMARY TABLES**

MLH  
 DESIGNED BY  
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 SCALE  
 1" = 1'  
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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001723/CFHWY00562	2025	D2	D2

607.0005.0000 - DRIVE GATE						
SHEET	FROM		TO		QUANTITY (EA)	REMARKS
	STATION	OFFSET	STATION	OFFSET		
F22	"F" 9+90.7	53.1 RT	"F" 10+18.6	50.1 RT	1	28-FOOT DRIVE GATE
F22	"F" 12+55.7	55.6 RT	"F" 12+90.7	55.6 RT	1	36-FOOT DRIVE GATE
TOTAL :					2	

639.2000.00A0 - APPROACH								
SHEET	STATION	OFFSET	SKEW ANGLE (90° TYP)	TYPE	CORNER RADII (FT)	WIDTH (FT)	LENGTH (FT)	REMARKS
F1	"S" 9+83	LT	92°	PUBLIC		55	50	PITTMAN ROAD
F1	"S" 9+83	RT	92°	PUBLIC		55	50	FRONTAGE ROAD CONNECTION
F1	"S" 4+60	LT	90°	RESIDENTIAL	25	15	25	
F3	"S" 25+64	RT	91°	PUBLIC		40	50	MONROE CIRCLE
F6	"S" 65+83	LT	90°	PUBLIC		30	50	WYOMING DRIVE
F6	"S" 65+83	RT	90°	PUBLIC		30	50	WYOMING DRIVE
F6	"W" 11+38	RT	80°	RESIDENTIAL	6	14	10	
F9	"S" 98+89	RT	91°	PUBLIC		24	50	BEVERLY WAY
F12	"PN" 11+77	LT	90°	RESIDENTIAL	20	18.5	17	
F13	"PN" 13+21	RT	95°	RESIDENTIAL	30	32	20	
F23	"F" 18+72	LT	92°	PUBLIC		24	40	FRONTAGE ROAD CONNECTION
F27	"F" 26+37	LT	90°	RESIDENTIAL	5	20	35	
PAY ITEM QUANTITY:						12		

608.2002.0000 - ASPHALT PATHWAY							
SHEET	FROM		TO		AREA (SF)	QUANTITY (TON)	REMARKS
	STATION	OFFSET (FT)	STATION	OFFSET (FT)			
E3	"P" 8+29	52 RT	"P" 8+36	129 RT	1,141	14.55	
E3	"P" 8+43	170 RT	"P" 8+96	417 RT	2,524	32.18	
F27	"P" 6+13	CL	"P" 14+33	CL	10,142	129.31	
F27-F28	"P" 15+15	CL	"P" 30+16	CL	18,022	229.78	
F28-F29	"P" 30+83	CL	"P" 70+33	CL	47,410	604.48	
F29-F31	"P" 71+08	CL	"P" 103+23	CL	38,577	491.86	
F31-F32	"P" 104+03	CL	"P" 126+86	CL	27,354	348.76	
F32	"P2" 10+06	CL	"P2" 11+02	CL	1,209	15.41	
TOTAL :						1866.33	
PAY ITEM QUANTITY:						1900.00	

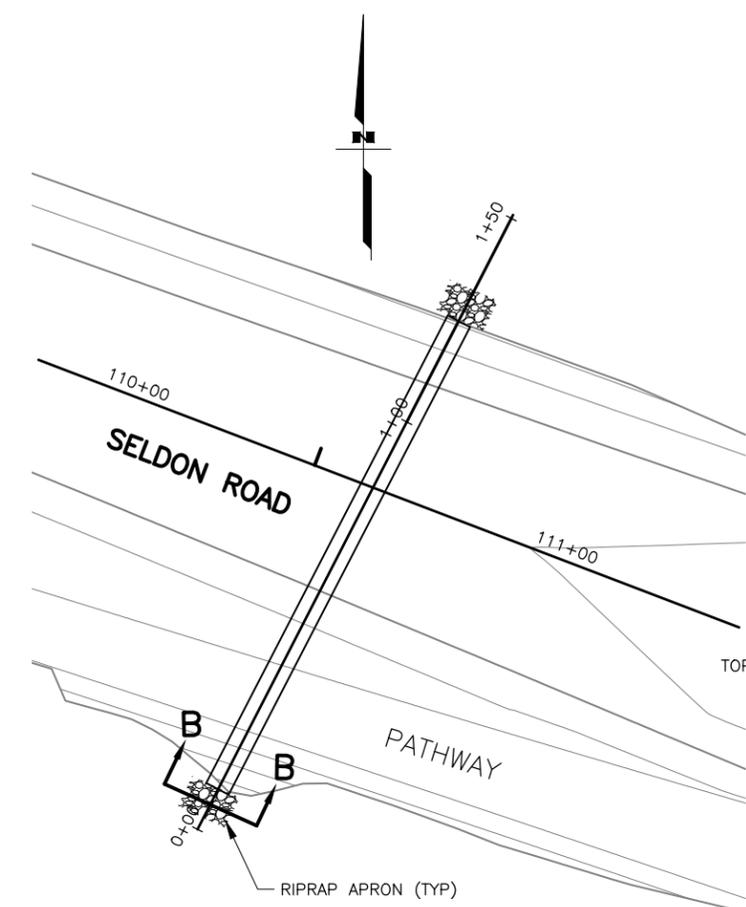
611.0001.0001 - RIPRAP CLASS I								
SHEET	PIPE LOCATIONS			END TREATMENT WIDTH (FT)	LENGTH (FT)	RIPRAP CLASS	RIPRAP (CY)	REMARKS
	PIPE ID	STATION	OFFSET					
F10	P10-2	"S" 110+55	LT/RT	2	115.00	1	53	
Total :							53	



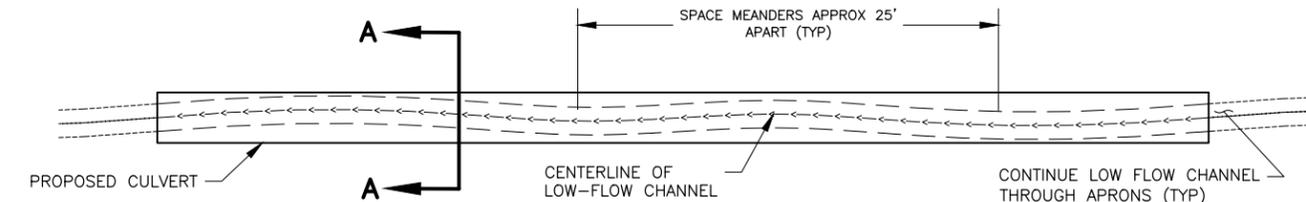
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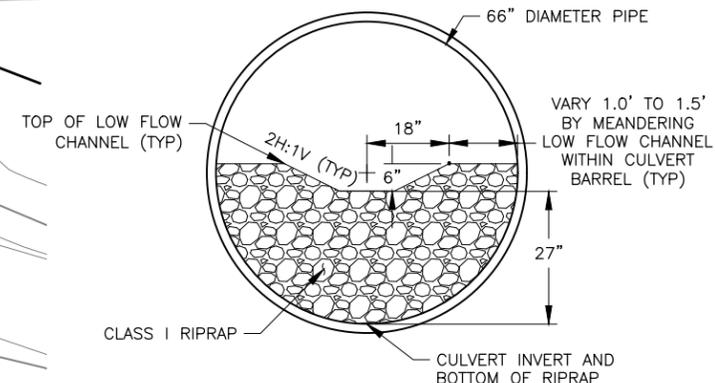
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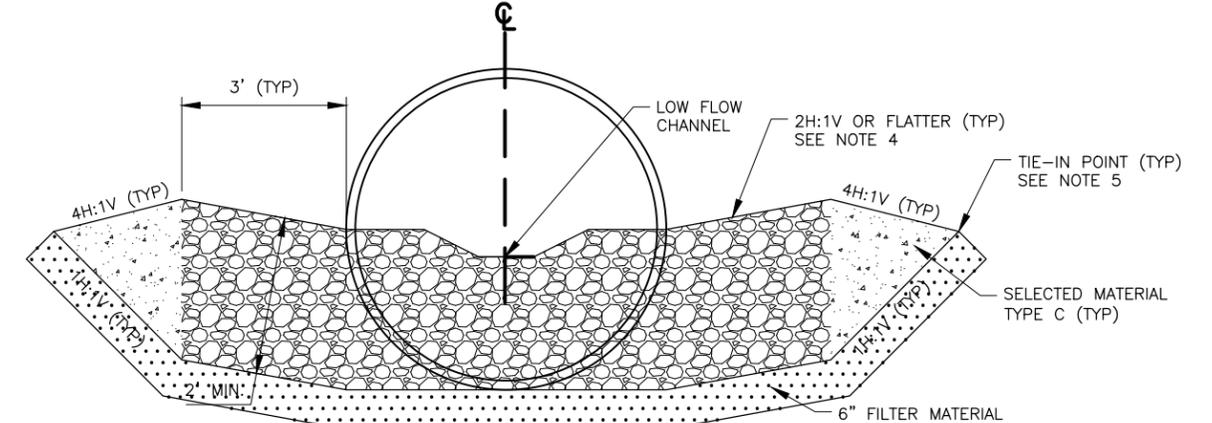
**PLAN VIEW**



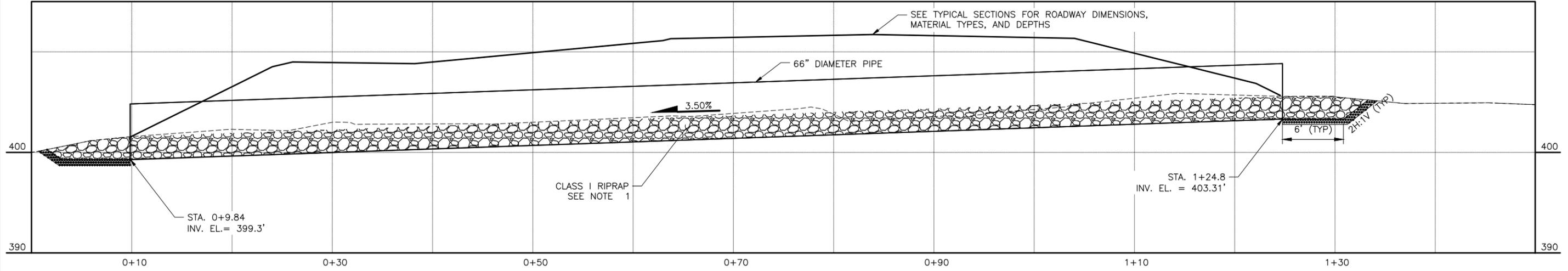
**CULVERT CHANNEL LAYOUT**



**SECTION A-A**



**APRON SECTION B-B**



**PROFILE VIEW**

**NOTES:**

1. AFTER PLACEMENT OF RIPRAP FILL VOIDS IN RIPRAP WITHIN CREEK BANKS AND INSIDE THE CULVERT BARREL WITH SELECTED MATERIAL, TYPE B. MATERIALS PLACED INSIDE CULVERT MAY BE PRE-MIXED.
2. PIPE SHALL BE 10 GAGE WITH 3" BY 1" CORRUGATIONS.
3. RIPRAP THICKNESS IS MEASURED PERPENDICULAR TO FINISHED GROUND.
4. WARP APRON SLOPE TO SHAPE CREEK BANKS TO MATCH EXISTING CREEK SIZE AND SHAPE.
5. RIPRAP SHALL MEET FLATTENED APRON SIDE SLOPES TO MATCH EXISTING GROUND OVER LENGTH OF APRON

**HYDROLOGIC AND HYDRAULIC SUMMARY**

DRAINAGE AREA = 252 ACRES			
EXCEEDANCE PROBABILITY	2%	1%	HW/D=1.0
RETURN PERIOD	50 Year Q50	100 Year Q100	N/A
DESIGN DISCHARGE	18 CFS	21.9 CFS	66.5 CFS
DESIGN HIGH WATER ELEVATION (FEET)	407.70	407.90	409.64
ANTICIPATED ADDITIONAL BACKWATER AT 1% AEP = 0.0 FEET			
OVERTOPPING DISCHARGE = 104.8 CFS			

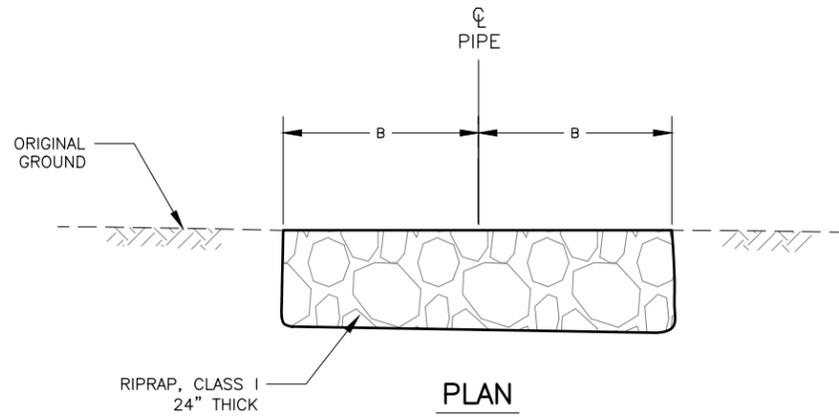


STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**SELDON ROAD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)  
 CROSS CULVERT DETAILS**

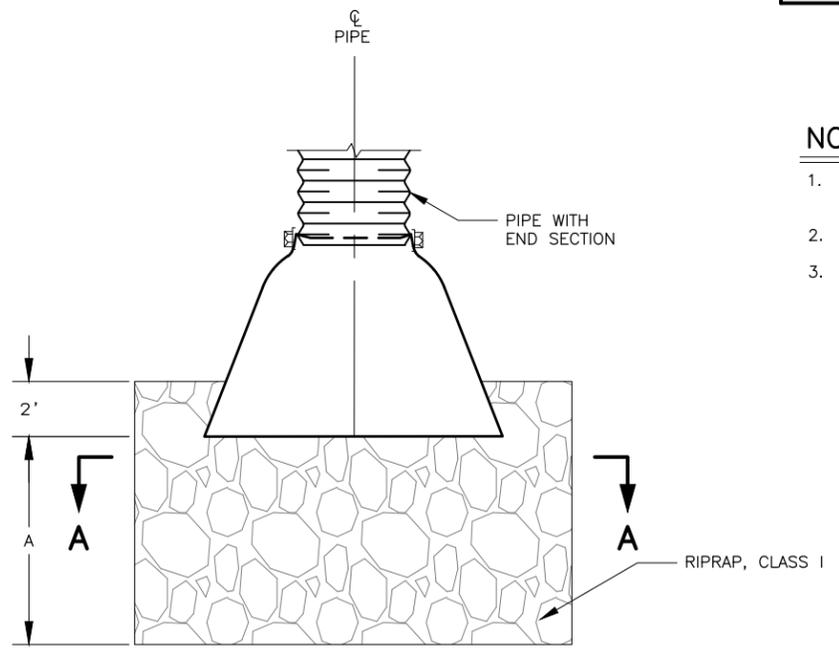
PLANS DEVELOPED BY:  
 STANTEC CONSULTING SERVICES INC.  
 3900 C STREET, SUITE 902  
 ANCHORAGE, AK 99503  
 907-276-4245  
 CERTIFICATE OF AUTHORIZATION #126386

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001723/CFHWY00562	2025	E2	E5

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 CHECKED BY  
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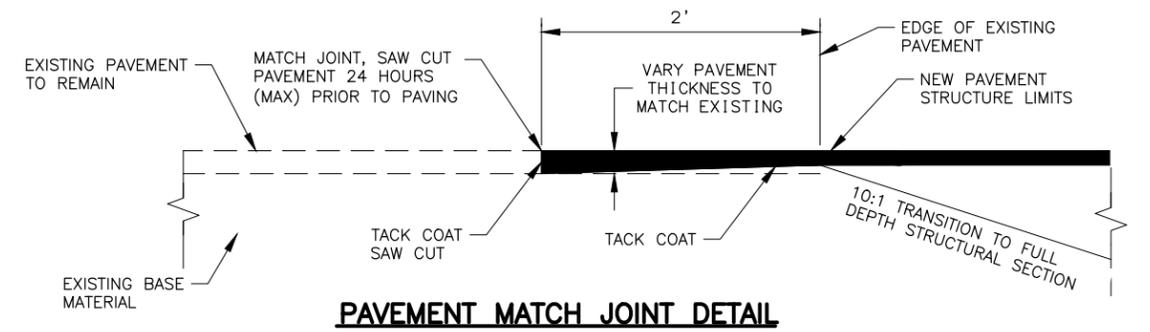
RIPRAP DIMENSIONS FOR ENERGY DISSIPATOR		
PIPE DIAMETER (INCHES)	DIMENSIONS IN INCHES	
	A	B
18 & 24	5'	4'



**SECTION A-A**  
**RIPRAP ENERGY DISSIPATOR**

**NOTES:**

- SEE STD. PLAN D-06.10 FOR ADDITIONAL GENERAL NOTES AND DIMENSIONS.
- RIPRAP SLOPE SHALL BE 2:1 OR FLATTER.
- INSTALL AN ENERGY DISSIPATER AT THE OUTLET IN CONJUNCTION WITH CULVERT INSTALLATION WHERE SHOWN ON PLANS. ENERGY DISSIPATERS ARE PERMANENT FEATURES AND SHALL BE LEFT IN PLACE.



**PAVEMENT MATCH JOINT DETAIL**



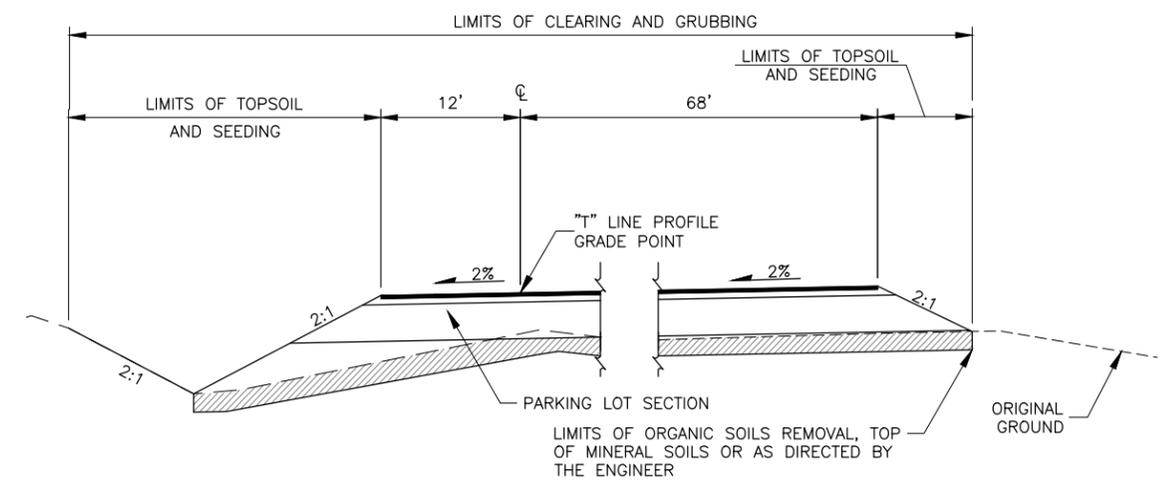
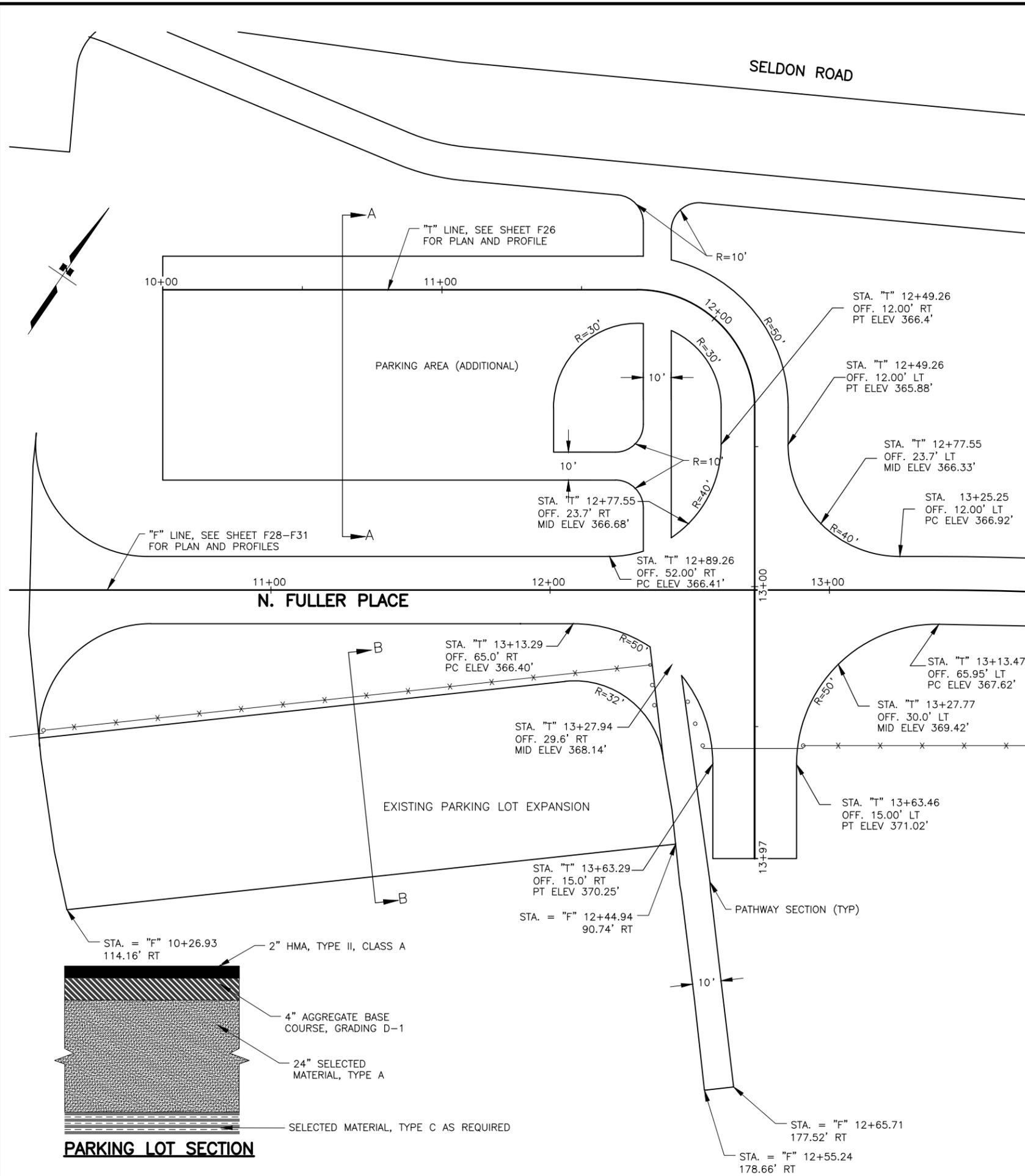
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES

**SELDON ROAD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)  
 DETAILS**

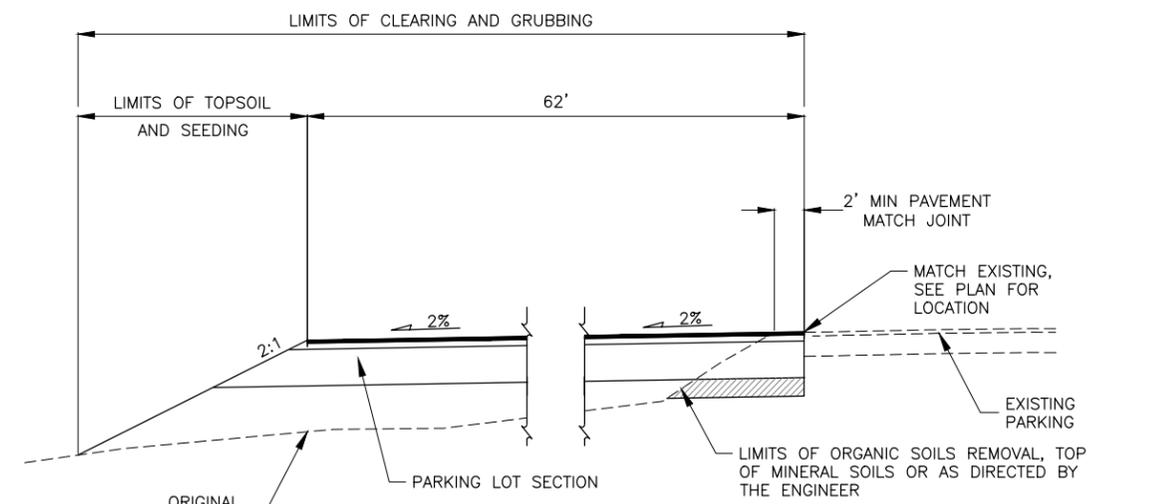
PLANS DEVELOPED BY:  
 STANTEC CONSULTING SERVICES INC.  
 3900 C STREET, SUITE 902  
 ANCHORAGE, AK 99503  
 907-276-4245  
 CERTIFICATE OF AUTHORIZATION #126386

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001723/CFHWY00562	2025	E3	E5

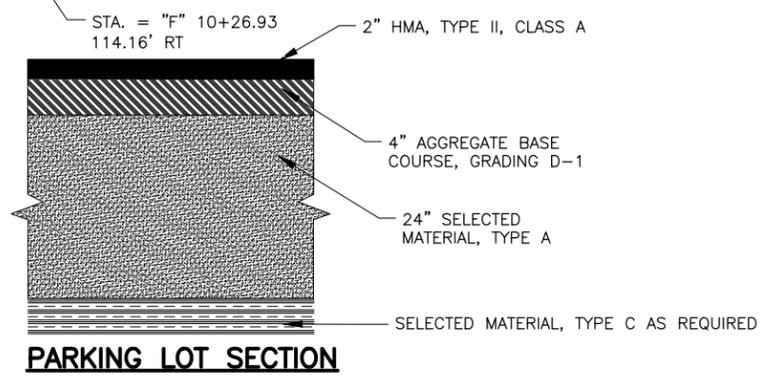
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**SECTION A-A**



**SECTION B-B**

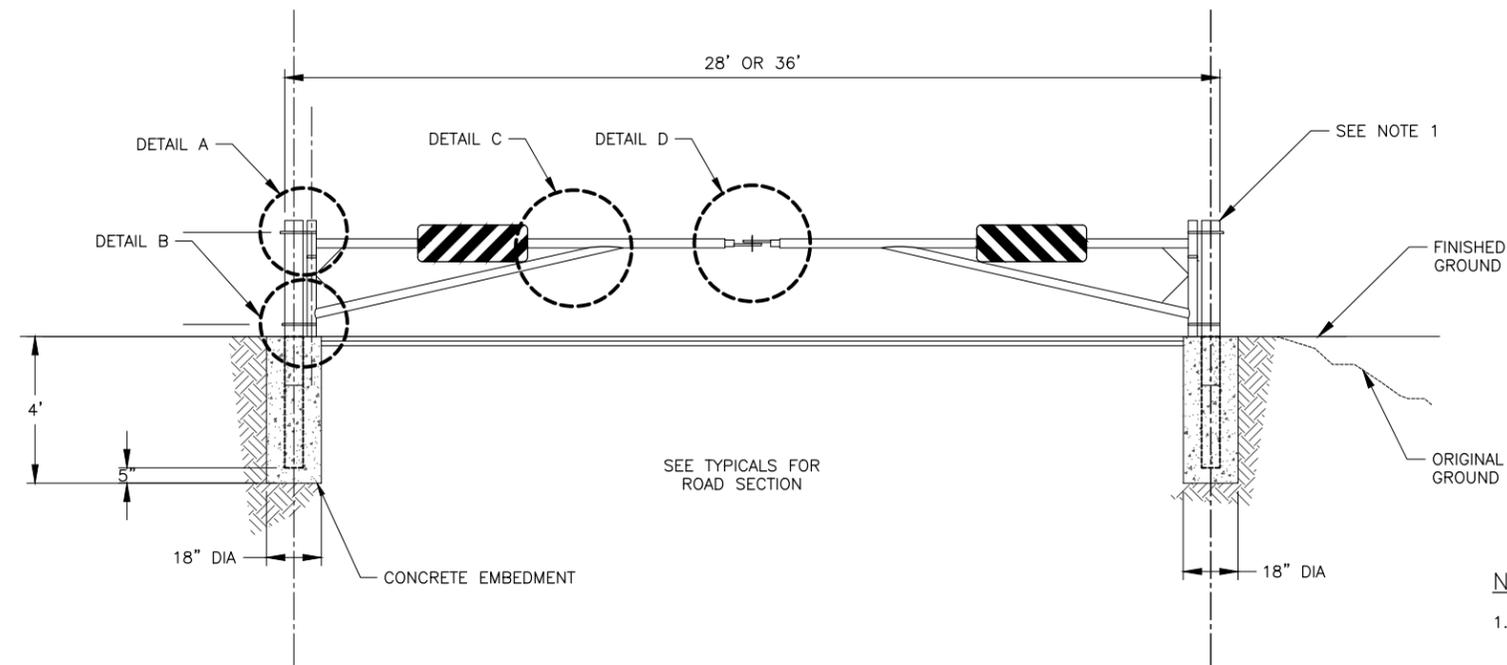


STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES

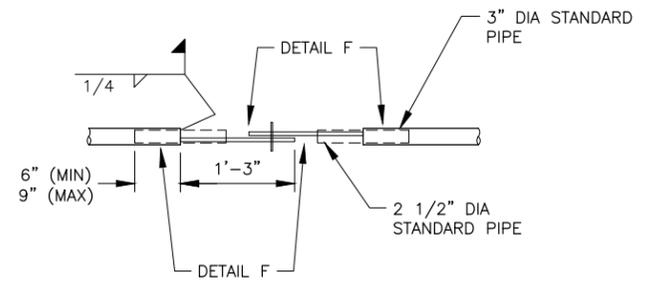
**SELDON ROAD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)  
 PARKING DETAILS**

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			ALASKA	0001723/CFHWY00562	2025	E4	E5

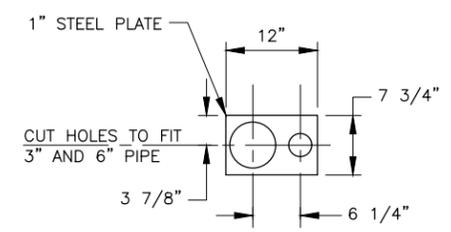
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**DRIVE GATE ELEVATION**



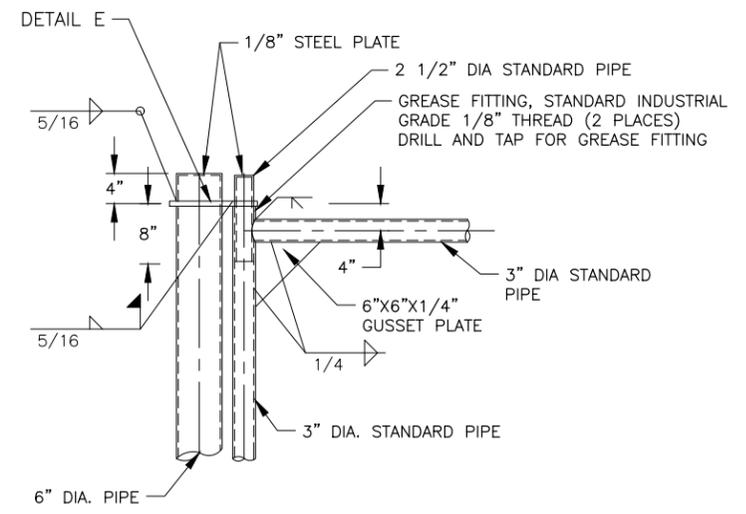
**DETAIL D**



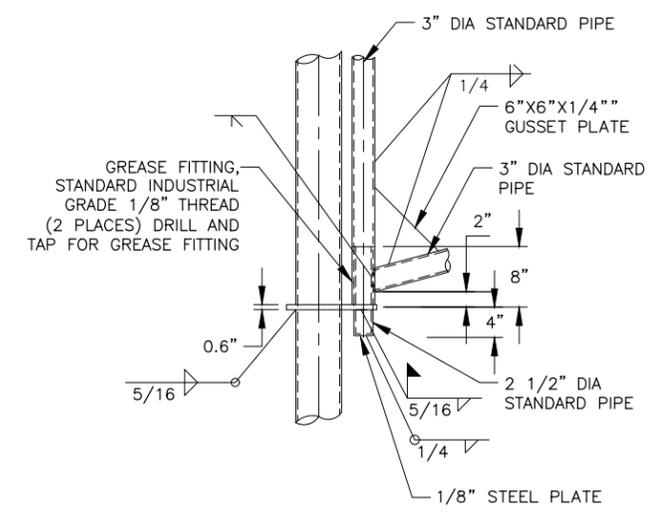
**DETAIL E**

**NOTES:**

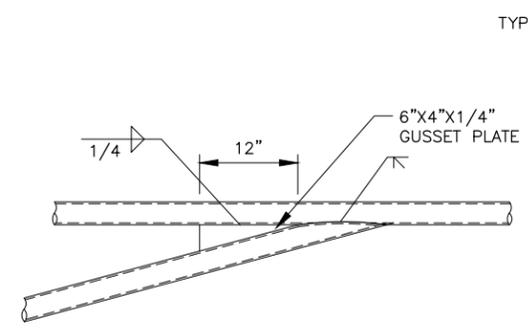
1. GATE SHALL BE HOT DIPPED GALVANIZED. COLD GALVANIZE FIELD WELDS.
2. CONTRACTOR TO CONFIRM GATE SWINGS FREELY.
3. PROVIDE HOLD OPEN LATCH SYSTEM FOR BOTH GATE PANELS.
4. INSTALL LOCK RECEIVER PIPE AND PLATE (2 EA) IN THE FIELD TO ENSURE PROPER FIT. COLD GALVANIZE AFTER INSTALLATION.



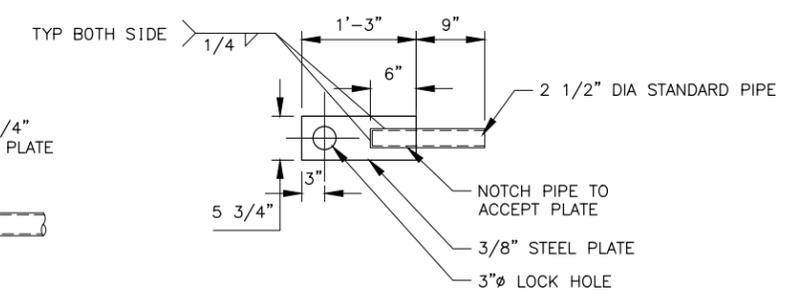
**DETAIL A**



**DETAIL B**



**DETAIL C**



**DETAIL F**

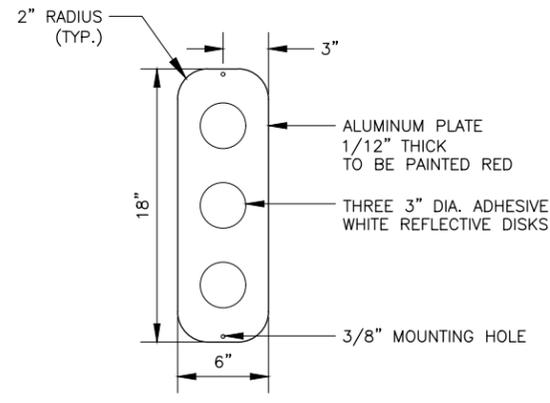


STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
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**SELDON ROAD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)  
 DRIVE GATE DETAILS**

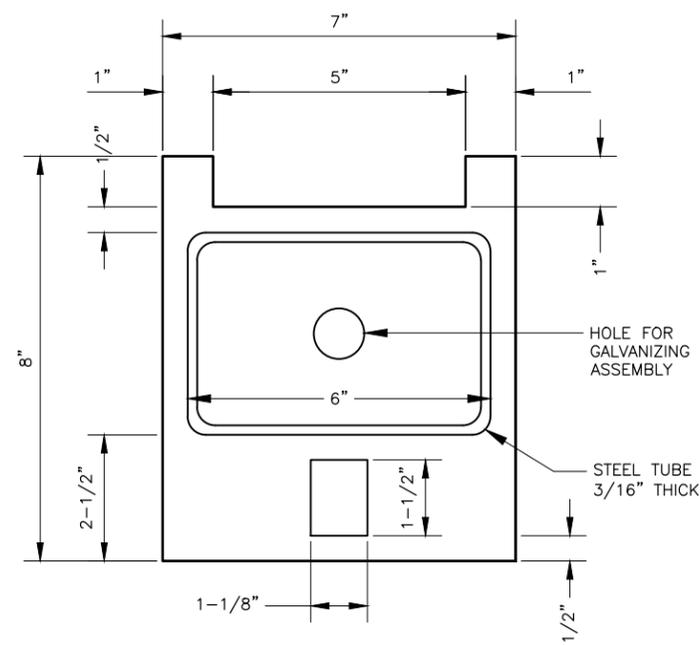
PLANS DEVELOPED BY:  
 STANTEC CONSULTING SERVICES INC.  
 3900 C STREET, SUITE 902  
 ANCHORAGE, AK 99503  
 907-276-4245  
 CERTIFICATE OF AUTHORIZATION #126386

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001723/CFHWY00562	2025	E5	E5

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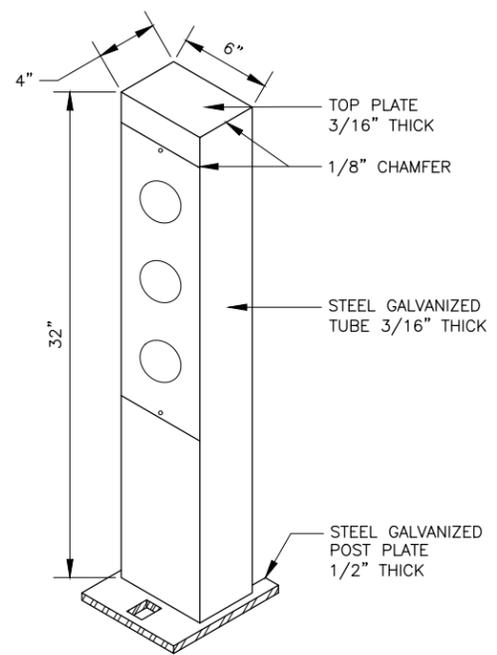
**REFLECTOR PLATE**



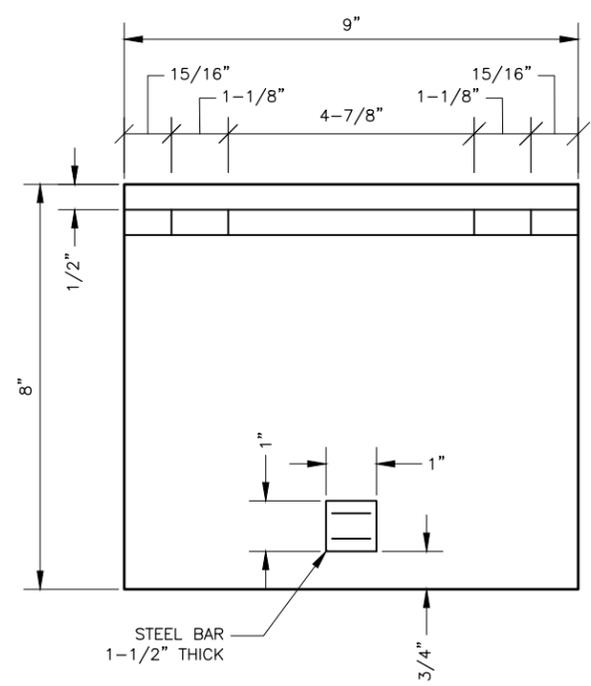
**POST BASE PLATE**

**REMOVABLE STEEL BOLLARD NOTES:**

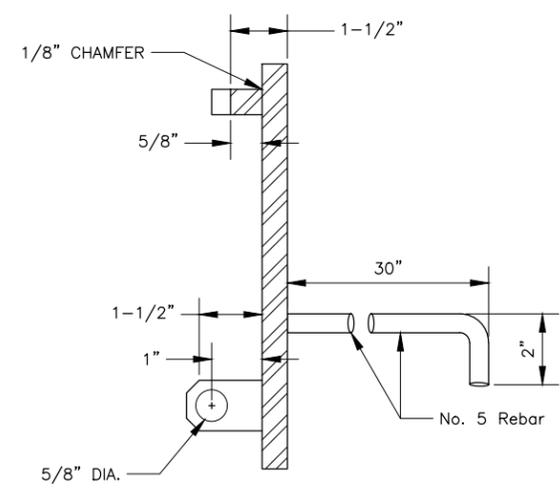
1. ALL WELDS, UNLESS OTHERWISE SHOWN, SHALL BE 3/16-INCH FILLET ON ALL SIDES.
2. BOLLARDS SHALL BE CAST IN PLACE WITH TYPE 'A' CONCRETE IN A 12-INCH DIAMETER BY 36-INCH DEEP CONCRETE FOUNDATION TUBE. 1/2-INCH THICK GROUND PLATE SHALL BE MOUNTED FLUSH WITH SURROUNDING CONCRETE SURFACE.
3. ALL EXTERIOR CORNERS SHALL BE ROUNDED TO PROVIDE A PROJECTION FREE SURFACE.
4. INSTALL REFLECTOR PLATES WITH ADHESIVE DISK REFLECTORS ON BOTH FRONT AND BACK OF POST.
5. USE OF "OLD STYLE" STEEL SLEEVE WITH REMOVABLE WOOD BOLLARD IS PROHIBITED.



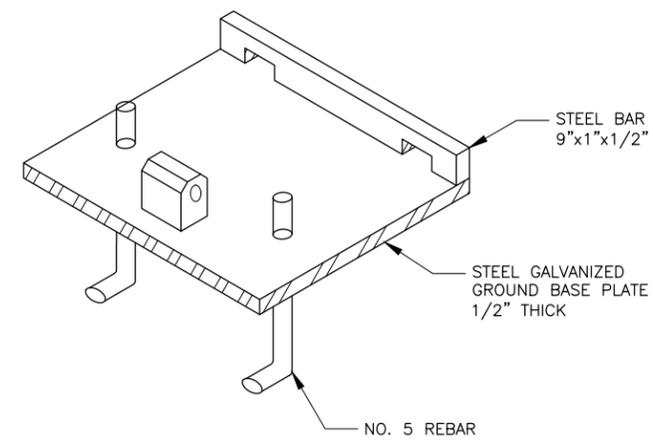
**REFLECTOR PLATE AND STEEL POST**



**GROUND BASE PLATE**



**GROUND BASE PLATE (SIDE VIEW)**



**GROUND BASE PLATE (ISOMETRIC VIEW)**



STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**SELDON ROAD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)  
 REMOVABLE STEEL BOLLARD  
 DETAILS**

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 CHECKED BY: SMK  
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P.I. STA. "PNW" 11+91.87  
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 E = 143258.155  
 $\Delta = 20^\circ 33' 10.2''$   
 T = 145.04'  
 L = 286.97'  
 R = 800.00'

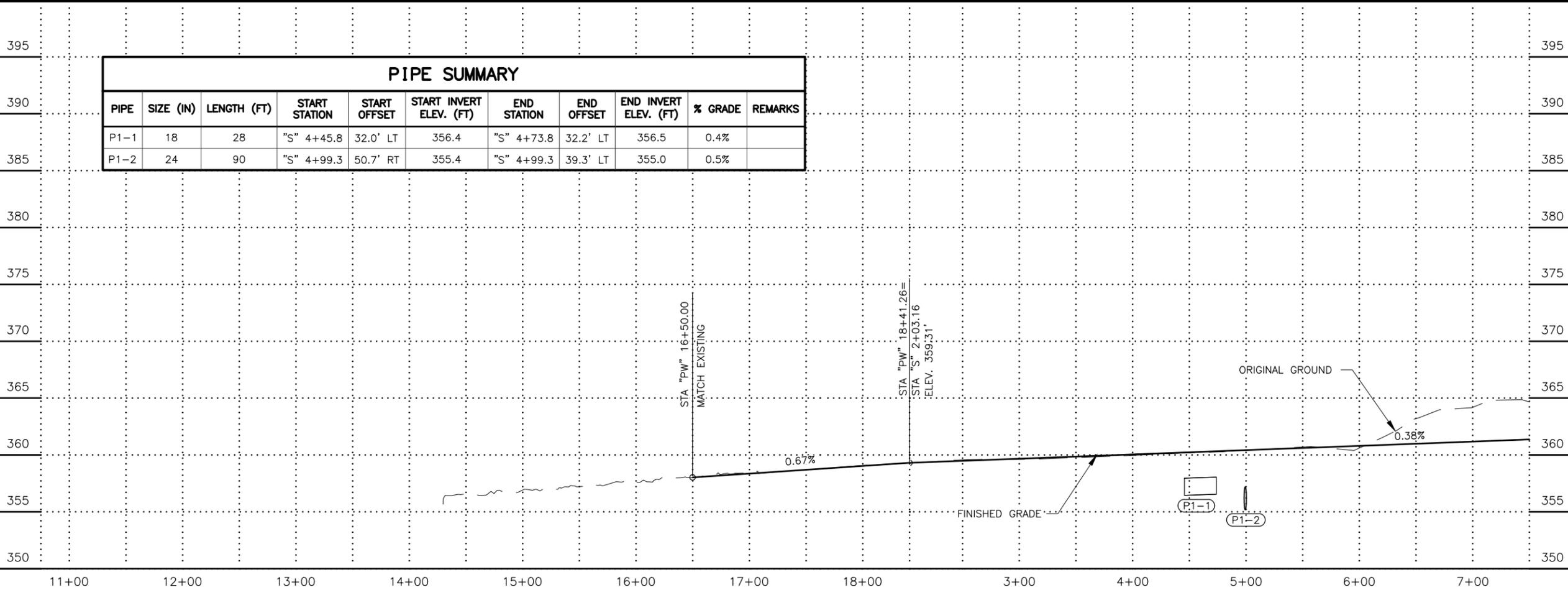
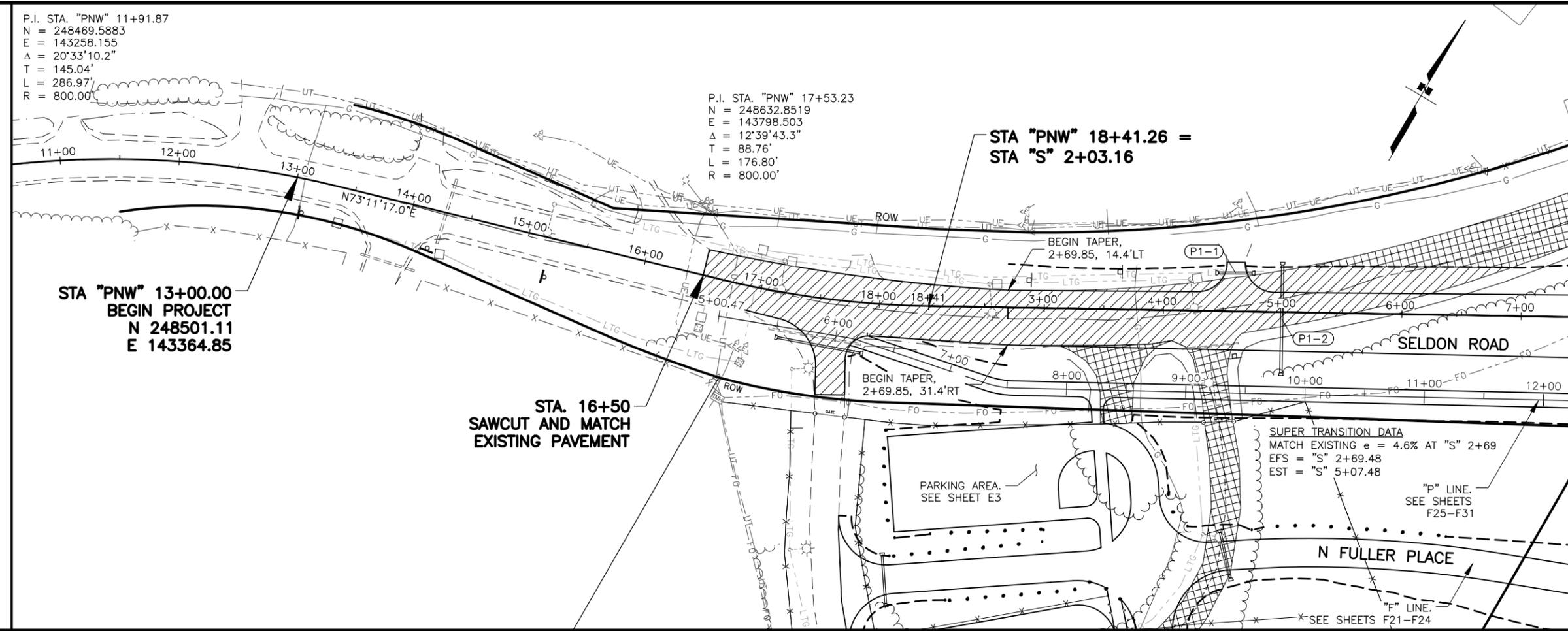
P.I. STA. "PNW" 17+53.23  
 N = 248632.8519  
 E = 143798.503  
 $\Delta = 12^\circ 39' 43.3''$   
 T = 88.76'  
 L = 176.80'  
 R = 800.00'

STA "PNW" 18+41.26 =  
 STA "S" 2+03.16

STA "PNW" 13+00.00  
 BEGIN PROJECT  
 N 248501.11  
 E 143364.85

STA. 16+50  
 SAWCUT AND MATCH  
 EXISTING PAVEMENT

MATCH LINE STA. "S" 7+50



PIPE SUMMARY										
PIPE	SIZE (IN)	LENGTH (FT)	START STATION	START OFFSET	START INVERT ELEV. (FT)	END STATION	END OFFSET	END INVERT ELEV. (FT)	% GRADE	REMARKS
P1-1	18	28	"S" 4+45.8	32.0' LT	356.4	"S" 4+73.8	32.2' LT	356.5	0.4%	
P1-2	24	90	"S" 4+99.3	50.7' RT	355.4	"S" 4+99.3	39.3' LT	355.0	0.5%	

SHEET NO.	TOTAL SHEETS
F1	F31
STATE	YEAR
ALASKA	2025

PROJECT DESIGNATION  
 001723/  
 CFHWY00562

NO.	REVISION
NO.	REVISION
NO.	REVISION



**PRELIMINARY**  
 STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES  
 SELDON RD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD TO PITTMAN RD (MSB)  
 SELDON RD  
 PLAN AND PROFILE  
 B.O.P. TO STA. 8+00

PLANS DEVELOPED BY:  
 STANTEC CONSULTING SERVICES INC.  
 3900 C STREET, SUITE 902  
 ANCHORAGE, AK 99503  
 907-276-4245  
 CERTIFICATE OF AUTHORIZATION #126386

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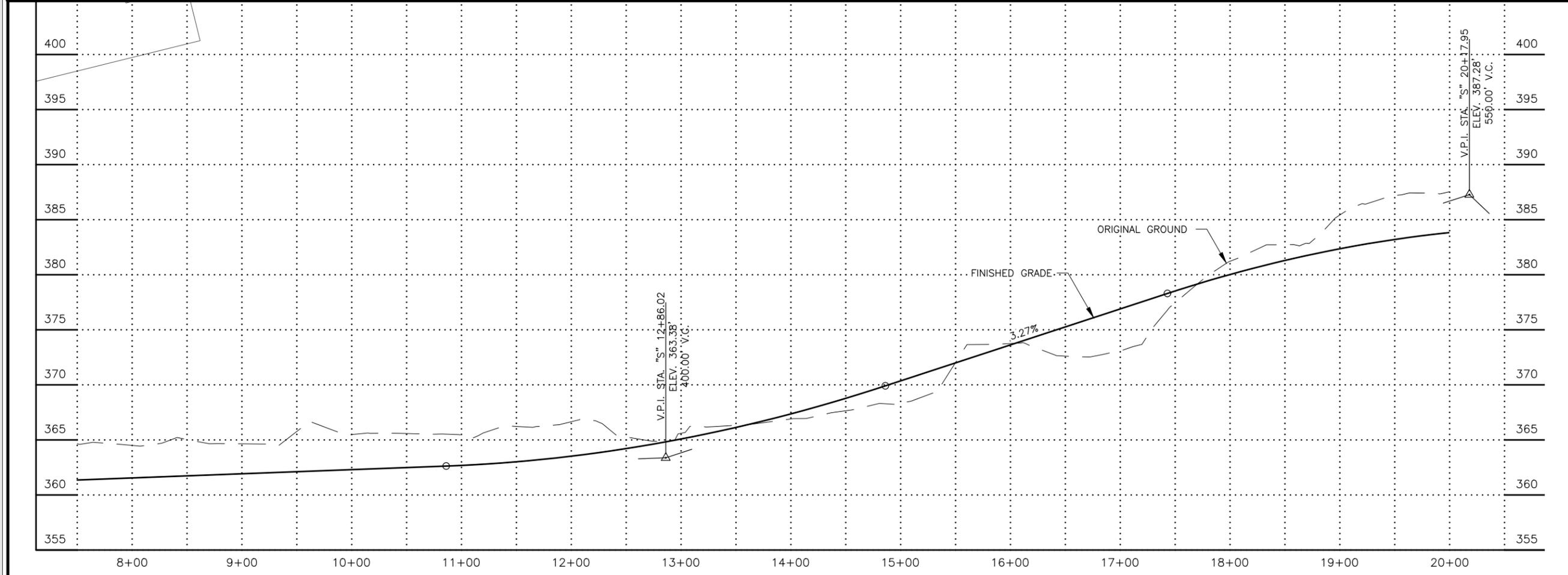
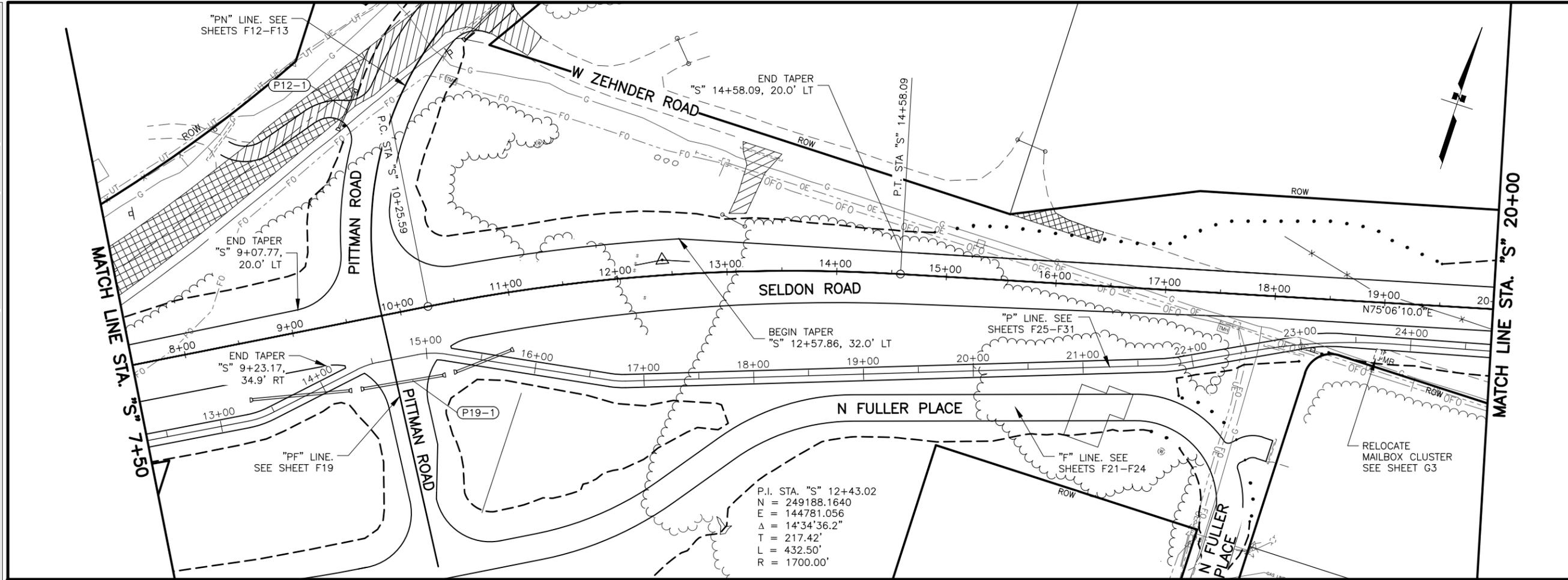
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SHEET NO.	TOTAL SHEETS
F2	F31
STATE	YEAR
ALASKA	2025

PROJECT DESIGNATION  
**001723/  
CFHWY00562**

NO.	REVISION



PLANS DEVELOPED BY:  
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ANCHORAGE, AK 99503  
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CERTIFICATE OF AUTHORIZATION #126386

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
SELDON RD EXTENSION  
PHASE II  
WINDY BOTTOM/BEVERLY LAKES RD  
TO PITTMAN RD (MSB)

SELDON RD  
PLAN AND PROFILE  
STA. 8+00 TO 20+00

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SHEET NO.	TOTAL SHEETS
F3	F31
STATE	YEAR
ALASKA	2025

PROJECT DESIGNATION  
**001723/  
CFHWY00562**

NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



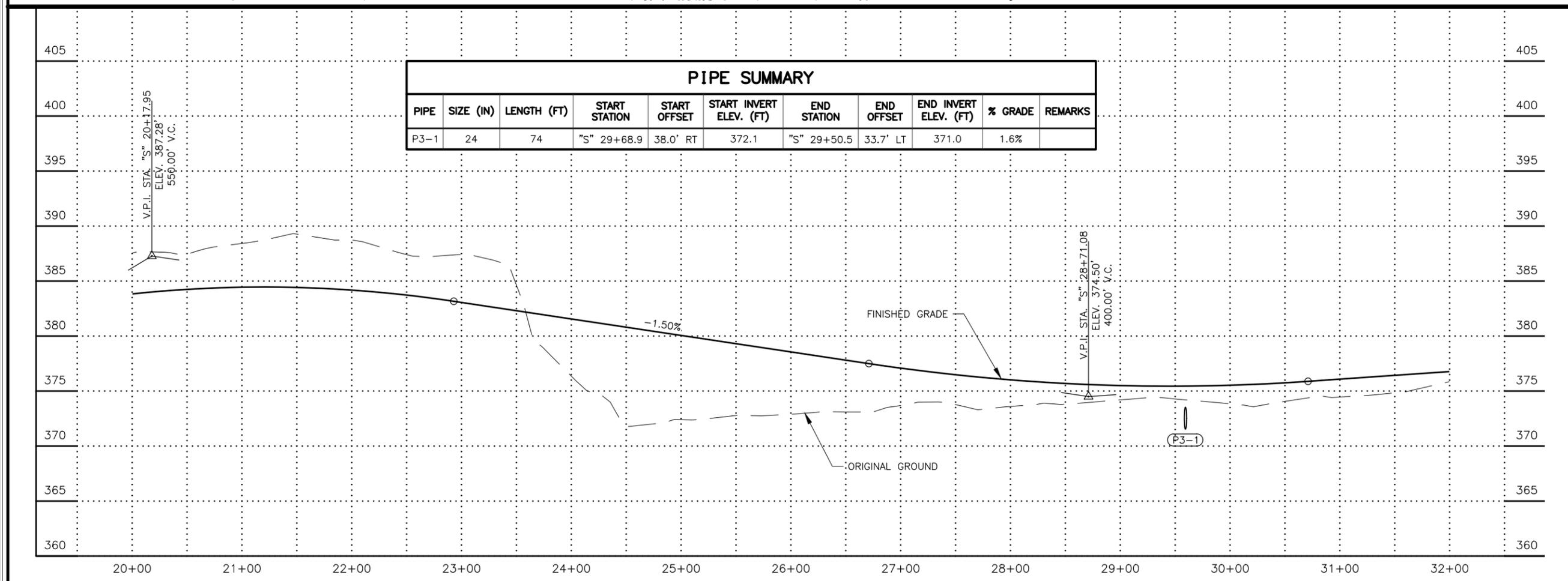
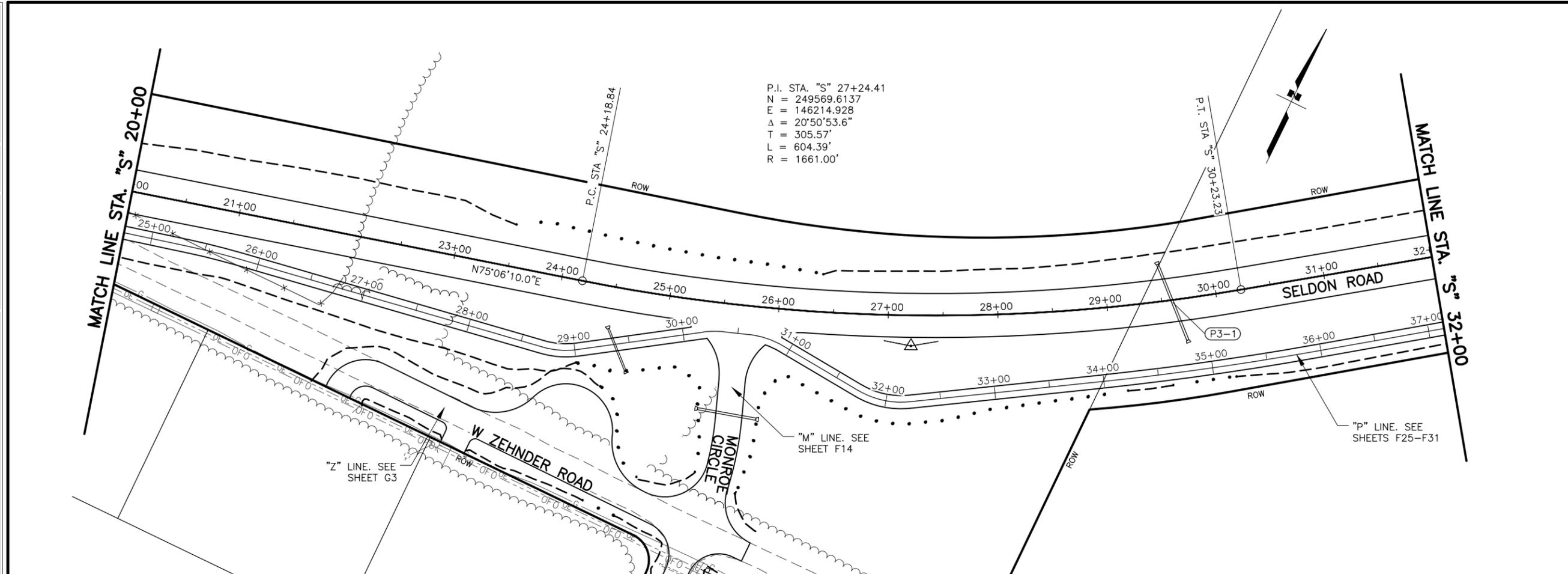
**PRELIMINARY**

STATE OF ALASKA  
48  
STEVEN AARI  
C.E. 9203  
REGISTERED PROFESSIONAL ENGINEER

PLANS DEVELOPED BY:  
STANTEC CONSULTING SERVICES INC.  
3900 C STREET, SUITE 902  
ANCHORAGE, AK 99503  
907-276-4245  
CERTIFICATE OF AUTHORIZATION #126386

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
SELDON RD EXTENSION  
PHASE II  
WINDY BOTTOM/BEVERLY LAKES RD  
TO PITTMAN RD (MSB)

**SELDON RD  
PLAN AND PROFILE  
STA. 20+00 TO 32+00**



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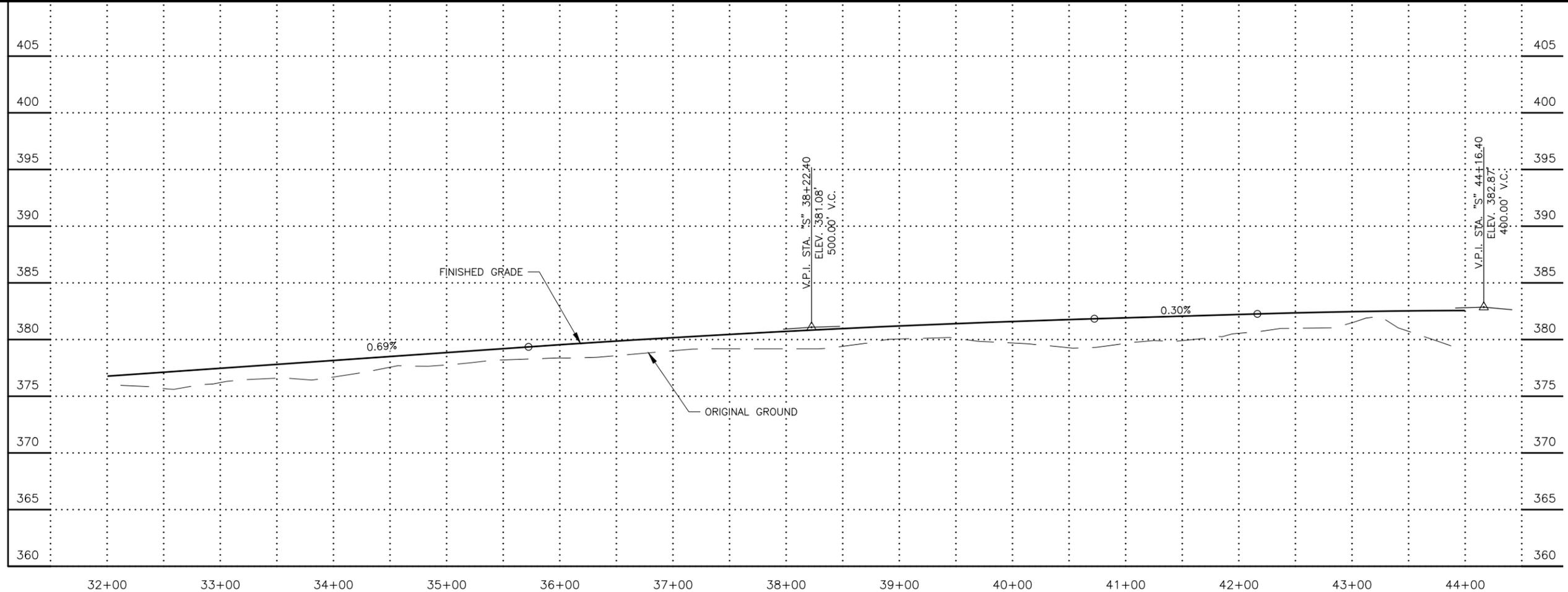
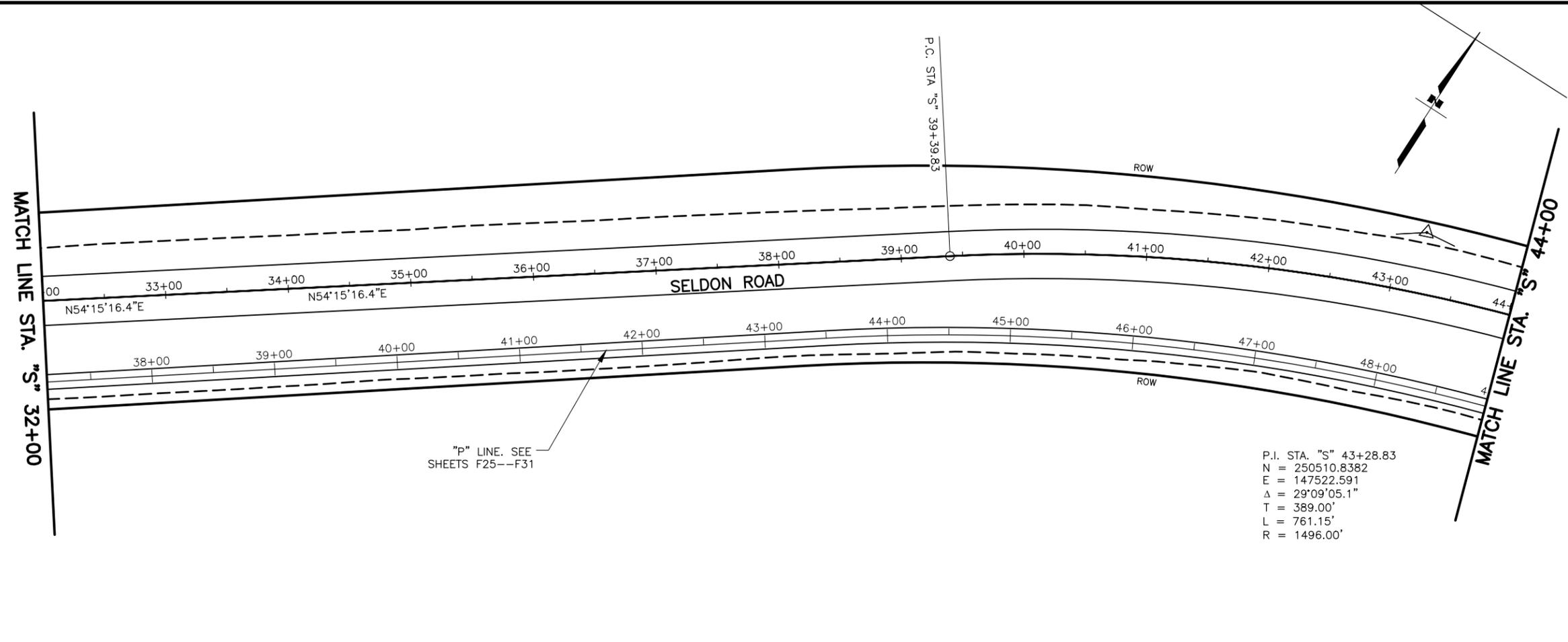
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SHEET NO.	TOTAL SHEETS
F4	F31
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
001723/ CFHWY00562	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



STATE OF ALASKA  
 PRELIMINARY PLANS  
 STEVEN AARI  
 LICENSED PROFESSIONAL ENGINEER  
 No. 9203

PLANS DEVELOPED BY:  
 STANTEC CONSULTING SERVICES INC.  
 3900 C STREET, SUITE 902  
 ANCHORAGE, AK 99503  
 907-276-4245

CERTIFICATE OF AUTHORIZATION #126386

STATE OF ALASKA  
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 SELDON RD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)

SELDON RD  
 PLAN AND PROFILE  
 STA. 32+00 TO 44+00

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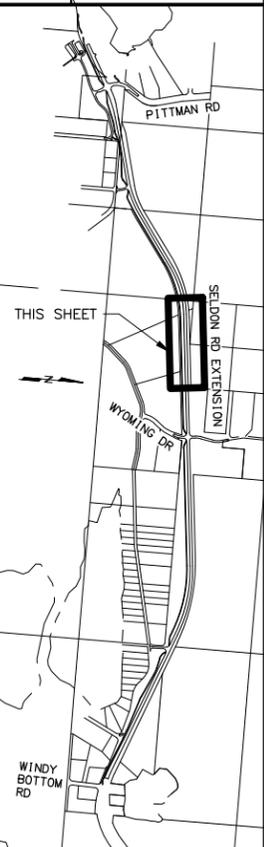
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SHEET NO.	TOTAL SHEETS
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STATE	YEAR
ALASKA	2025

PROJECT DESIGNATION  
**001723/  
CFHWY00562**

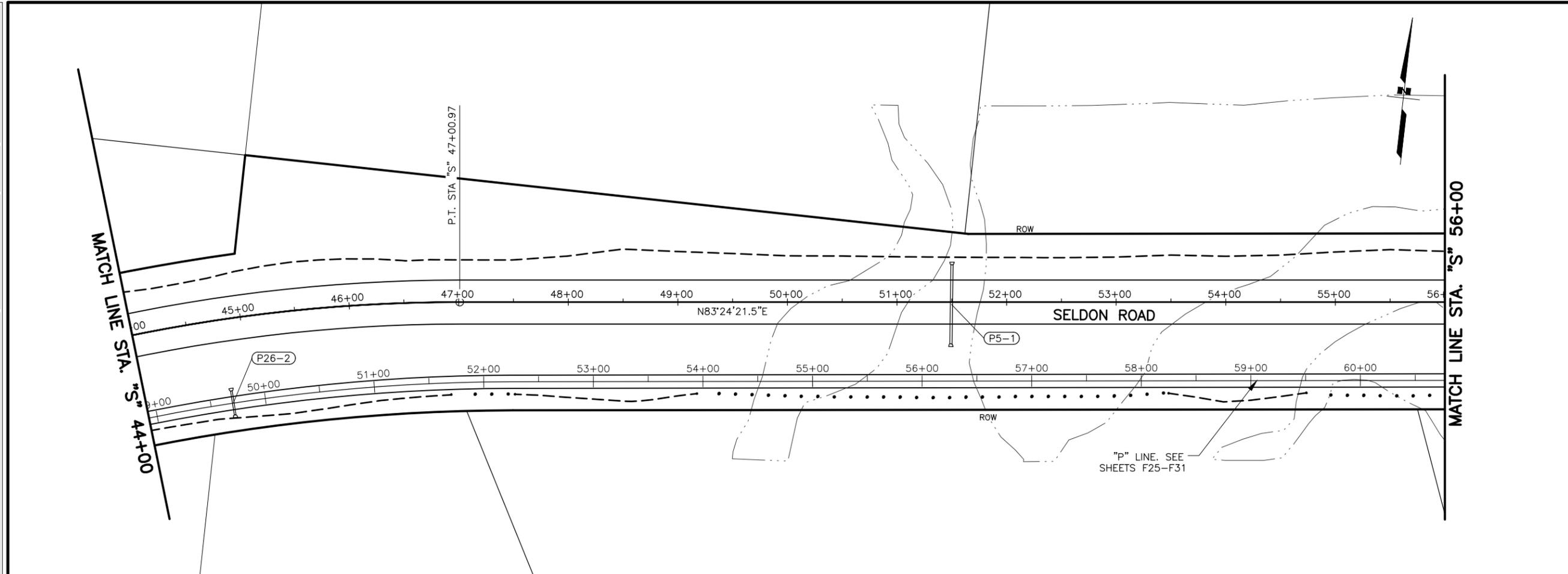
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DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



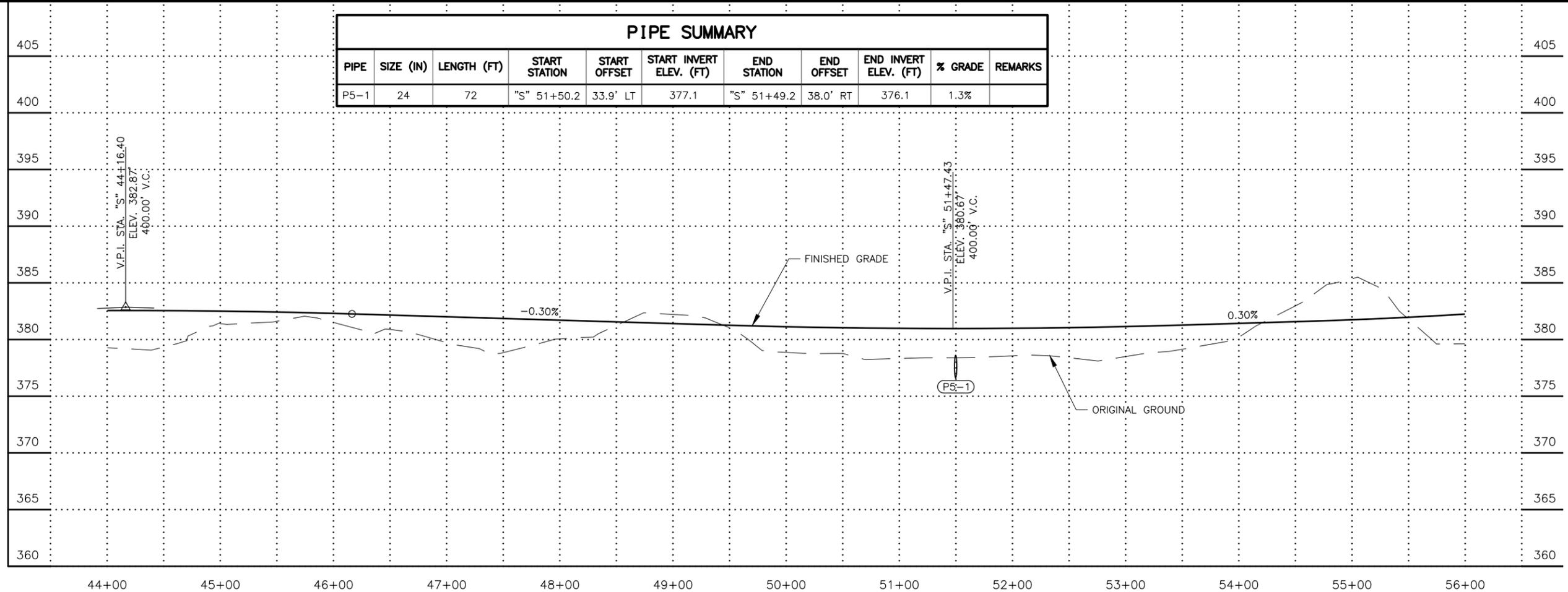
PLANS DEVELOPED BY:  
STANTEC CONSULTING SERVICES INC.  
3900 C STREET, SUITE 902  
ANCHORAGE, AK 99503  
907-276-4245  
CERTIFICATE OF AUTHORIZATION #126386

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
SELDON RD EXTENSION  
PHASE II  
WINDY BOTTOM/BEVERLY LAKES RD  
TO PITTMAN RD (MSB)

**SELDON RD  
PLAN AND PROFILE  
STA. 44+00 TO 56+00**



PIPE SUMMARY										
PIPE	SIZE (IN)	LENGTH (FT)	START STATION	START OFFSET	START INVERT ELEV. (FT)	END STATION	END OFFSET	END INVERT ELEV. (FT)	% GRADE	REMARKS
P5-1	24	72	"S" 51+50.2	33.9' LT	377.1	"S" 51+49.2	38.0' RT	376.1	1.3%	



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1" = 50'

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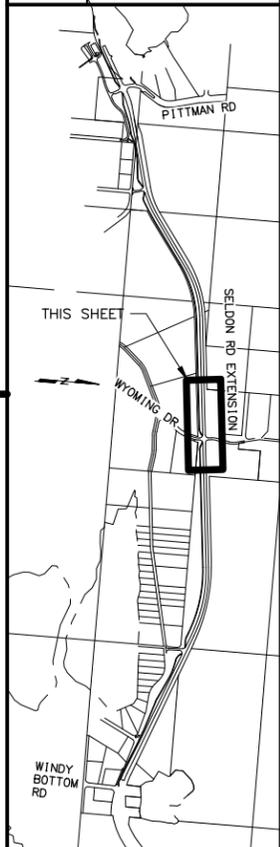
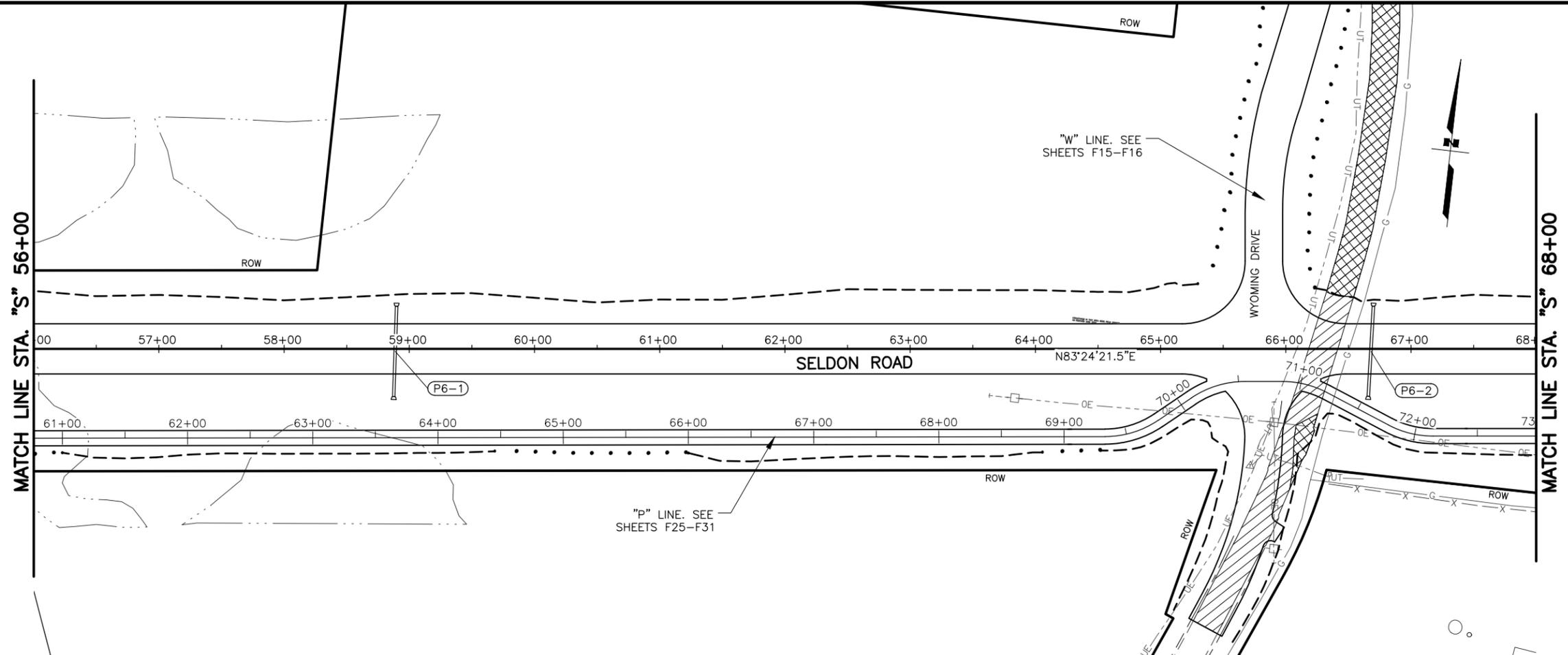
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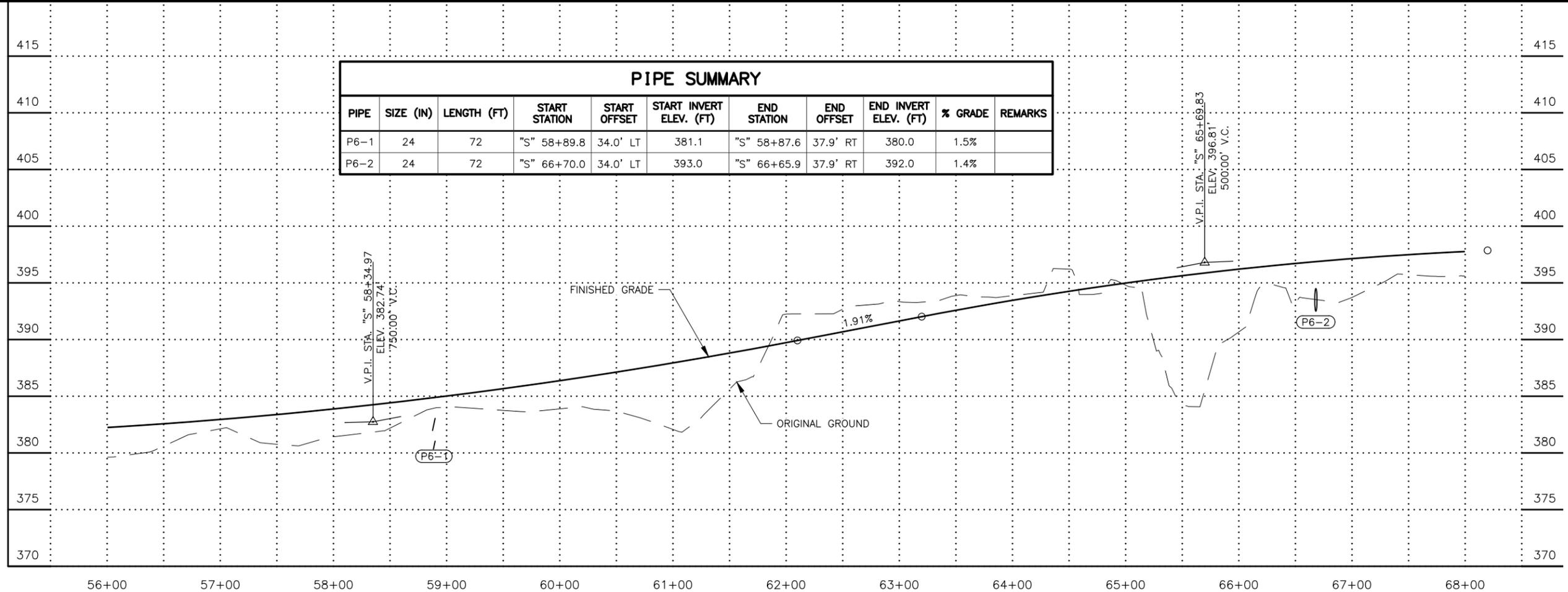
SHEET NO.	TOTAL SHEETS
F6	F31
STATE	YEAR
ALASKA	2025

PROJECT DESIGNATION  
**001723/  
CFHWY00562**

NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



PIPE SUMMARY										
PIPE	SIZE (IN)	LENGTH (FT)	START STATION	START OFFSET	START INVERT ELEV. (FT)	END STATION	END OFFSET	END INVERT ELEV. (FT)	% GRADE	REMARKS
P6-1	24	72	"S" 58+89.8	34.0' LT	381.1	"S" 58+87.6	37.9' RT	380.0	1.5%	
P6-2	24	72	"S" 66+70.0	34.0' LT	393.0	"S" 66+65.9	37.9' RT	392.0	1.4%	



**PRELIMINARY**

STATE OF ALASKA  
48  
STEVEN HARRI  
REGISTERED PROFESSIONAL ENGINEER  
CE 9203

PLANS DEVELOPED BY:  
STANTEC CONSULTING SERVICES INC.  
3900 C STREET, SUITE 902  
ANCHORAGE, AK 99503  
907-276-4245  
CERTIFICATE OF AUTHORIZATION #126386

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
SELDON RD EXTENSION  
PHASE II  
WINDY BOTTOM/BEVERLY LAKES RD  
TO PITTMAN RD (MSB)

**SELDON RD  
PLAN AND PROFILE  
STA. 56+00 TO 68+00**

MLH  
SMK  
MTH

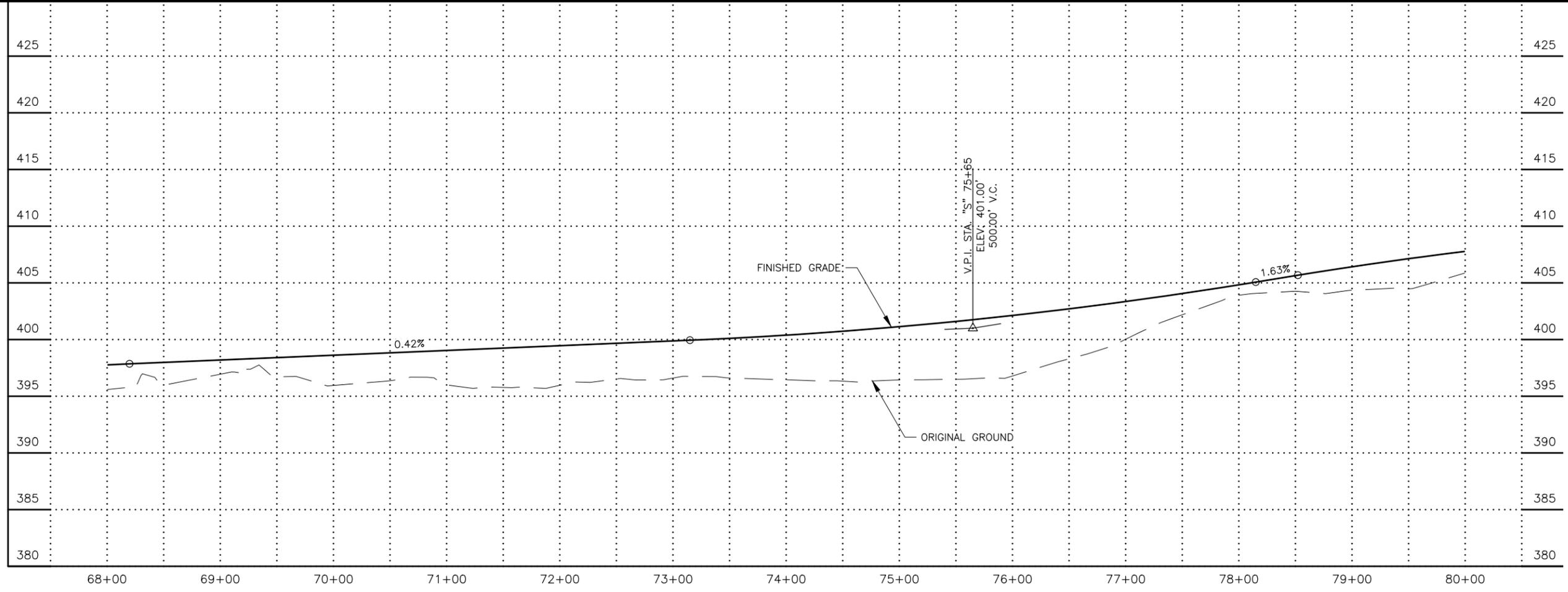
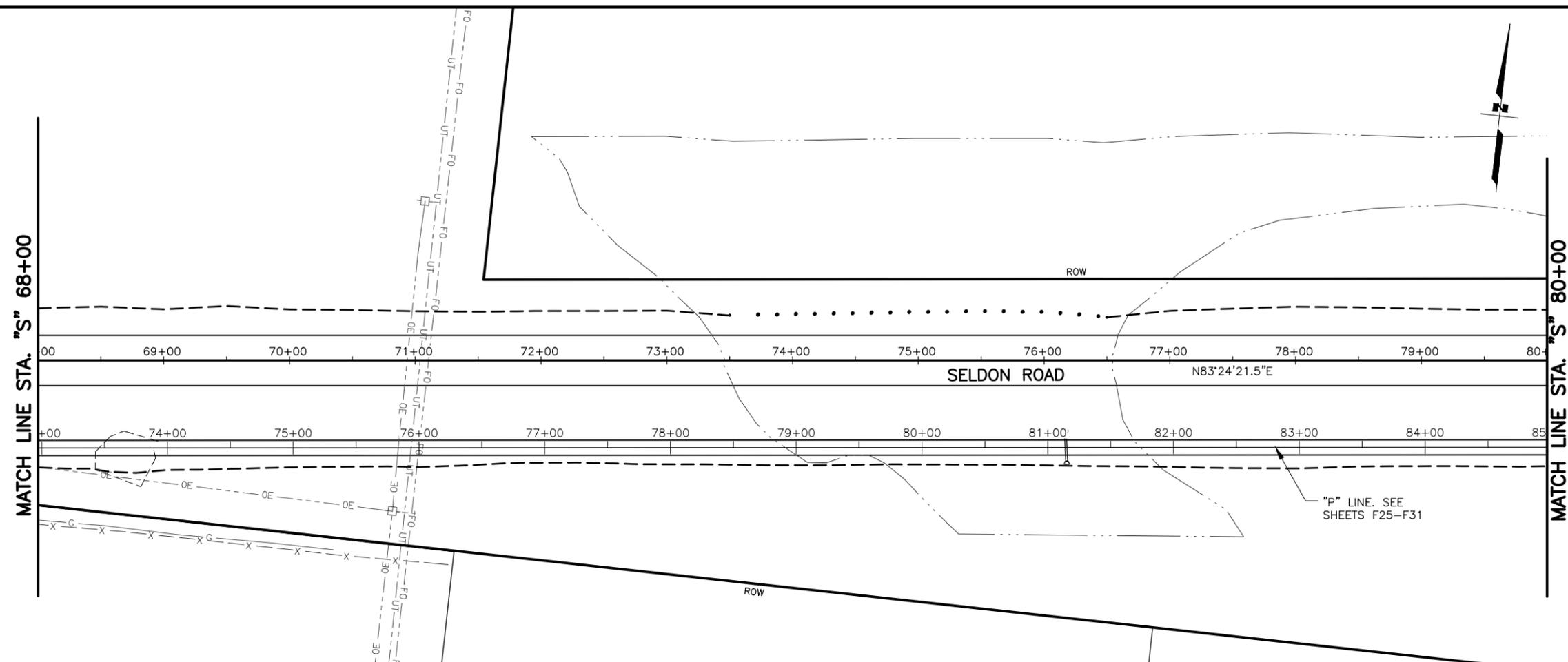
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DATE  
6/18/2025

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SHEET NO.	TOTAL SHEETS
F7	F31
STATE	YEAR
ALASKA	2025

PROJECT DESIGNATION  
**001723/  
CFHWY00562**

NO.	REVISION



PLANS DEVELOPED BY:  
STANTEC CONSULTING SERVICES INC.  
3900 C STREET, SUITE 902  
ANCHORAGE, AK 99503  
907-276-4245  
CERTIFICATE OF AUTHORIZATION #126386

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
SELDON RD EXTENSION  
PHASE II  
WINDY BOTTOM/BEVERLY LAKES RD  
TO PITTMAN RD (MSB)

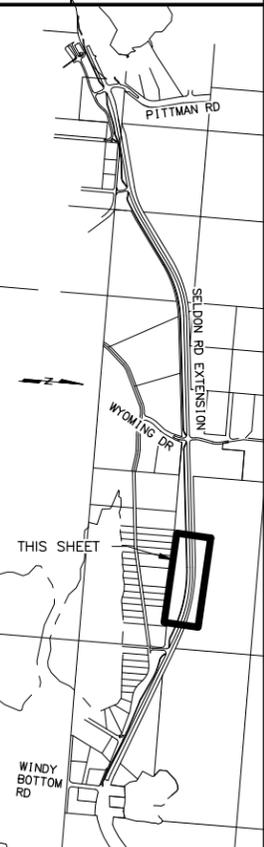
**SELDON RD  
PLAN AND PROFILE  
STA. 68+00 TO 80+00**

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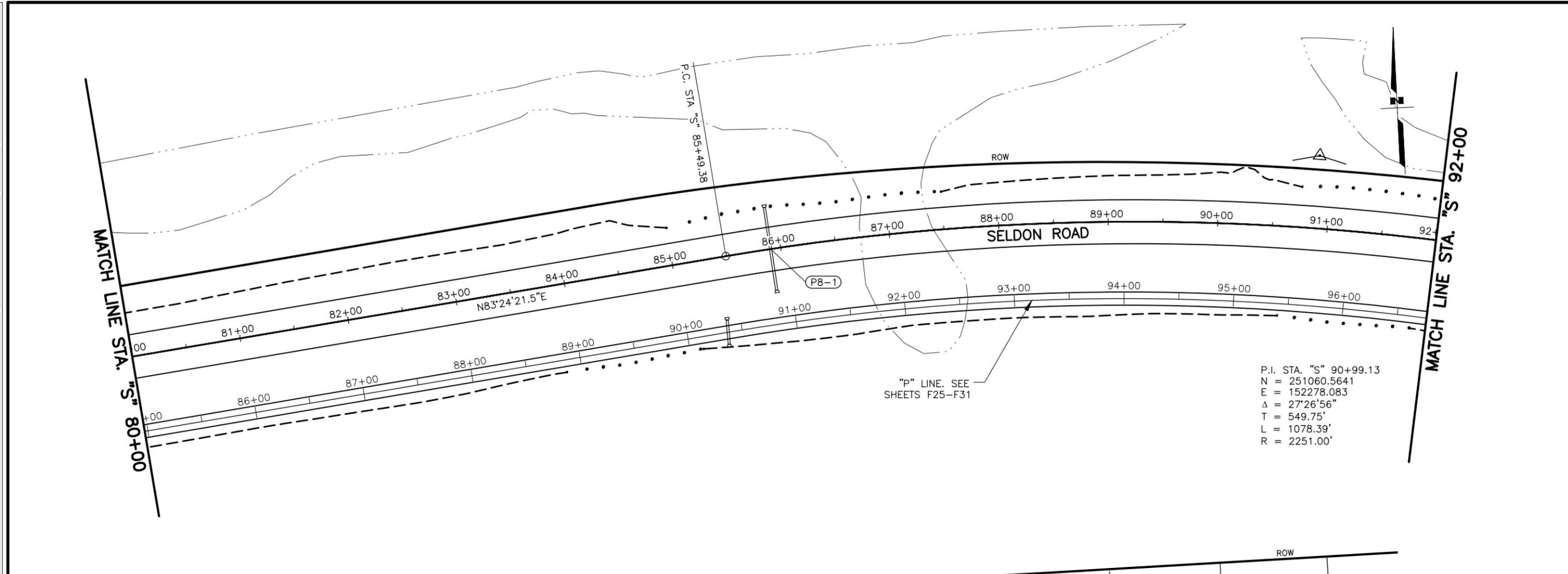
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F8	F31
STATE	YEAR
ALASKA	2025

PROJECT DESIGNATION  
**001723/  
 CFHWY00562**

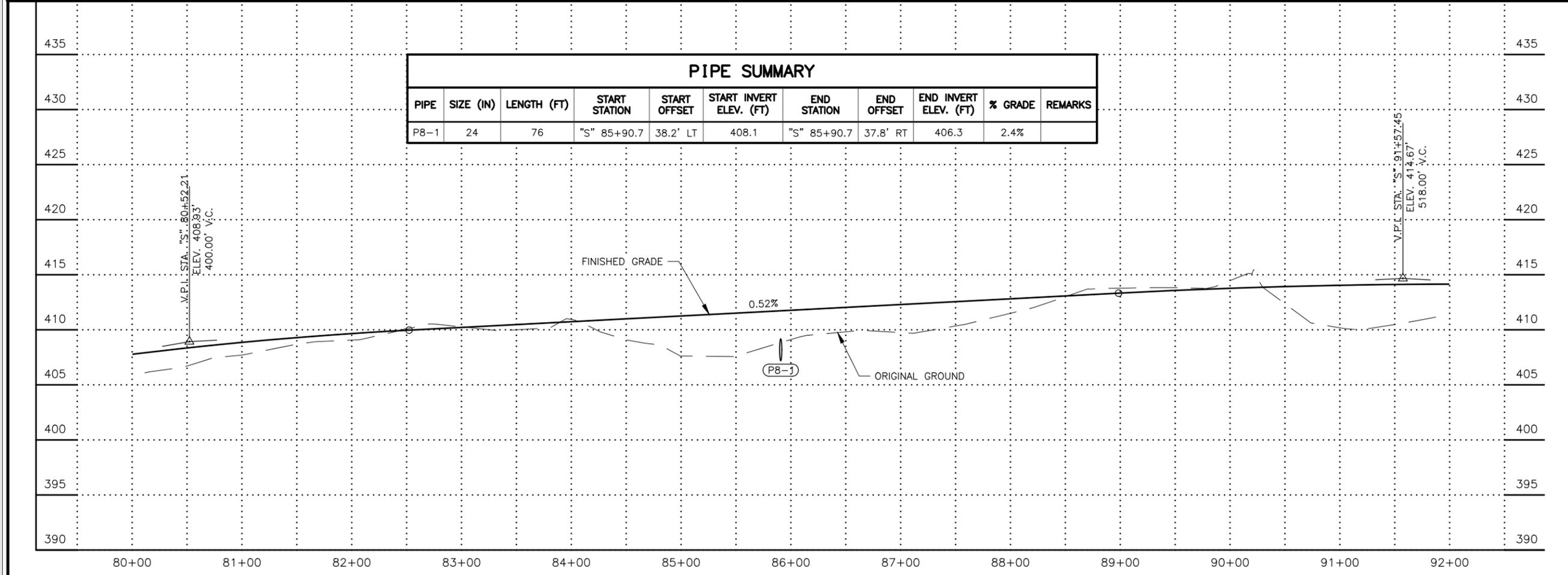
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DATE	
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DATE	
NO.	REVISION
DATE	



PLANS DEVELOPED BY:  
 STANTEC CONSULTING SERVICES INC.  
 3900 C STREET, SUITE 902  
 ANCHORAGE, AK 99503  
 907-276-4245  
 CERTIFICATE OF AUTHORIZATION #126386  
 STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 SELDON RD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)  
**SELDON RD  
 PLAN AND PROFILE  
 STA. 80+00 TO 92+00**

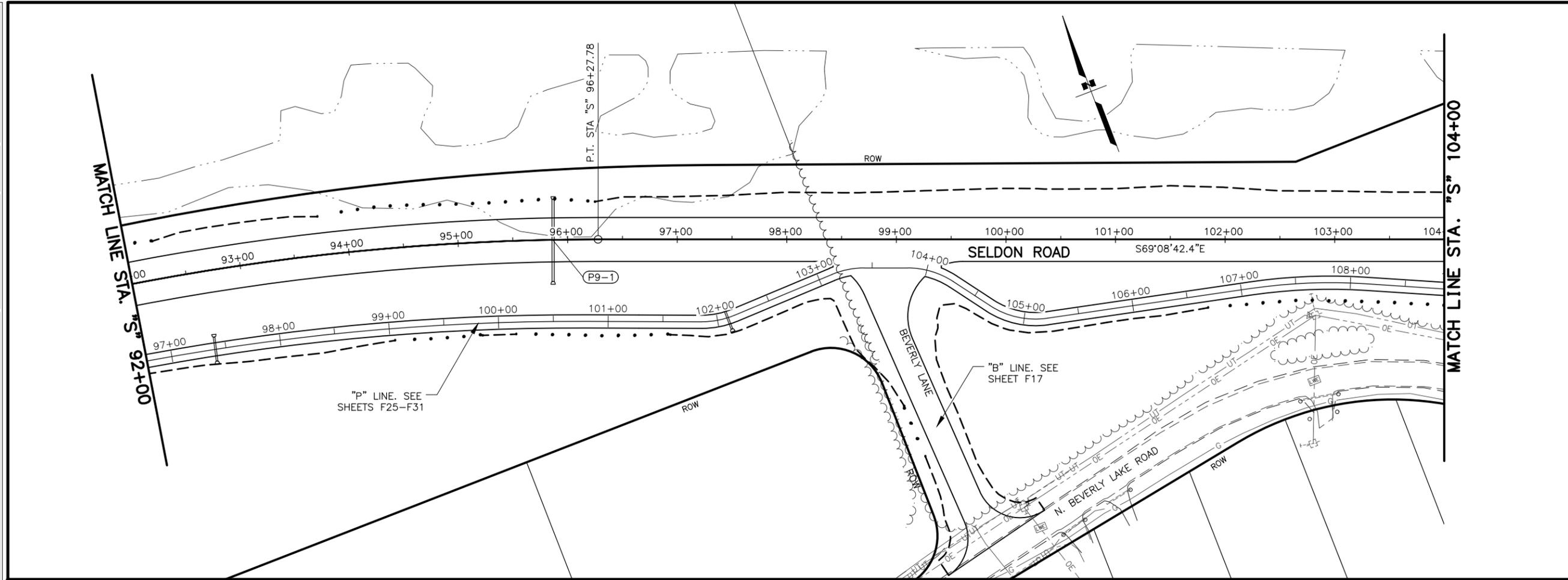


PIPE SUMMARY										
PIPE	SIZE (IN)	LENGTH (FT)	START STATION	START OFFSET	START INVERT ELEV. (FT)	END STATION	END OFFSET	END INVERT ELEV. (FT)	% GRADE	REMARKS
P8-1	24	76	"S" 85+90.7	38.2' LT	408.1	"S" 85+90.7	37.8' RT	406.3	2.4%	

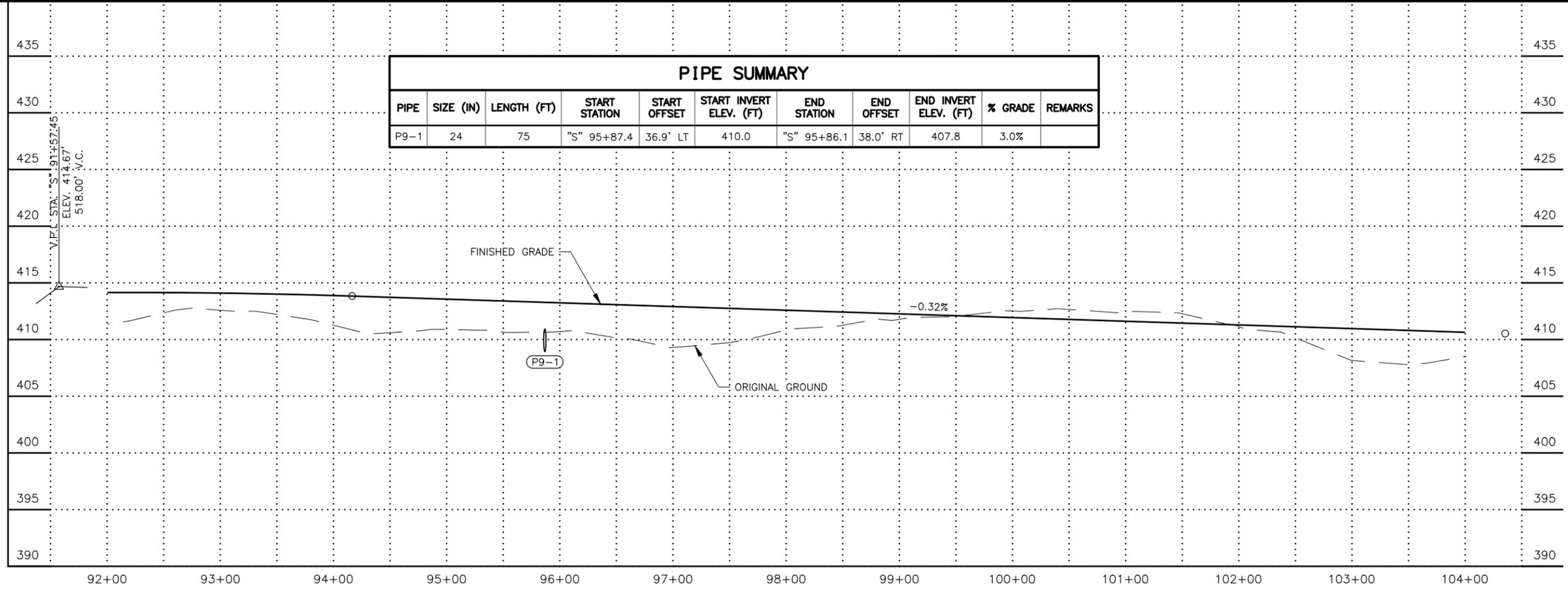


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SHEET NO.	TOTAL SHEETS
F9	F31
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
001723/ CFHWY00562	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



PIPE SUMMARY										
PIPE	SIZE (IN)	LENGTH (FT)	START STATION	START OFFSET	START INVERT ELEV. (FT)	END STATION	END OFFSET	END INVERT ELEV. (FT)	% GRADE	REMARKS
P9-1	24	75	"S" 95+87.4	36.9' LT	410.0	"S" 95+86.1	38.0' RT	407.8	3.0%	



STATE OF ALASKA  
 PRELIMINARY PLANS  
 STEVEN HARRI  
 LICENSED PROFESSIONAL ENGINEER  
 No. 9203  
 PLANS DEVELOPED BY:  
 STANTEC CONSULTING SERVICES INC.  
 3900 C STREET, SUITE 902  
 ANCHORAGE, AK 99503  
 907-276-4245  
 CERTIFICATE OF AUTHORIZATION #126386  
 STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 SELDON RD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)  
 SELDON RD  
 PLAN AND PROFILE  
 STA. 92+00 TO 104+00

MLH  
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MTH

DESIGNED BY  
CHECKED BY  
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SCALE  
1" = 50'

DATE  
6/18/2025

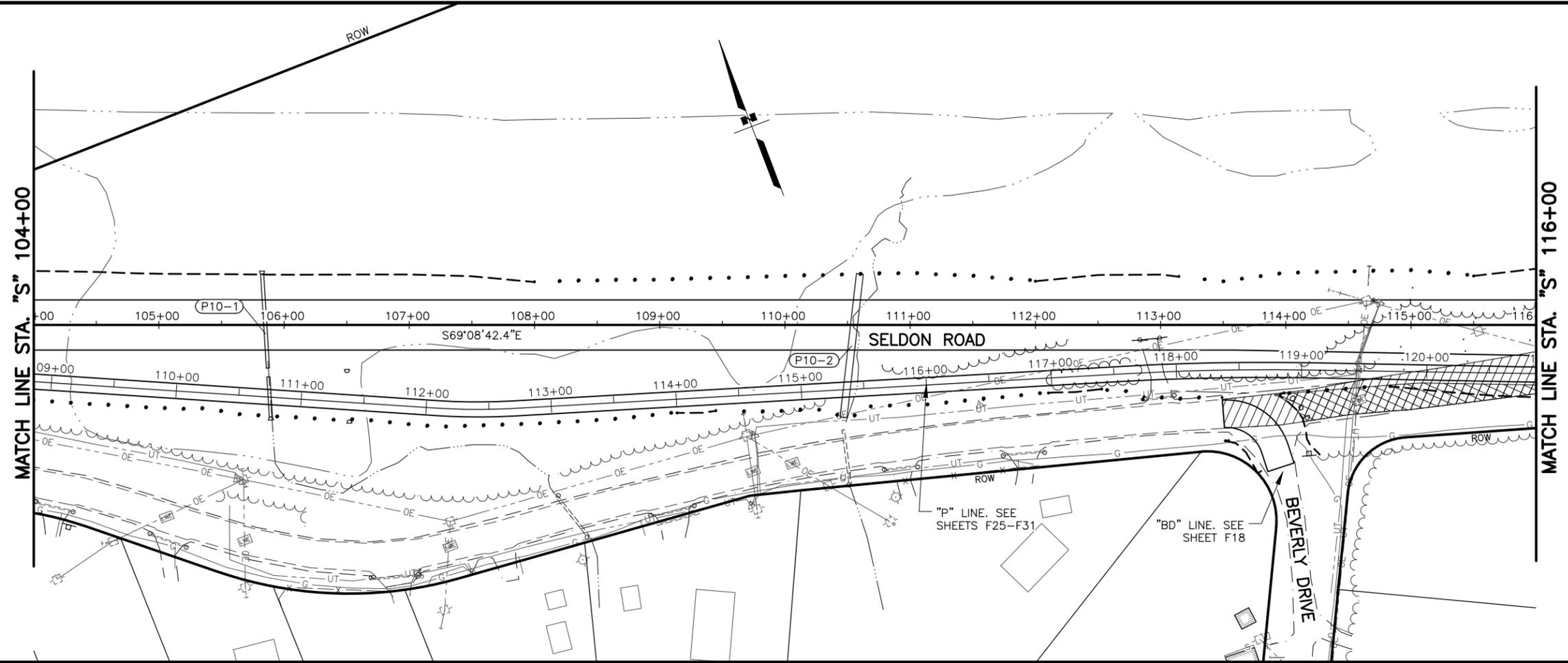
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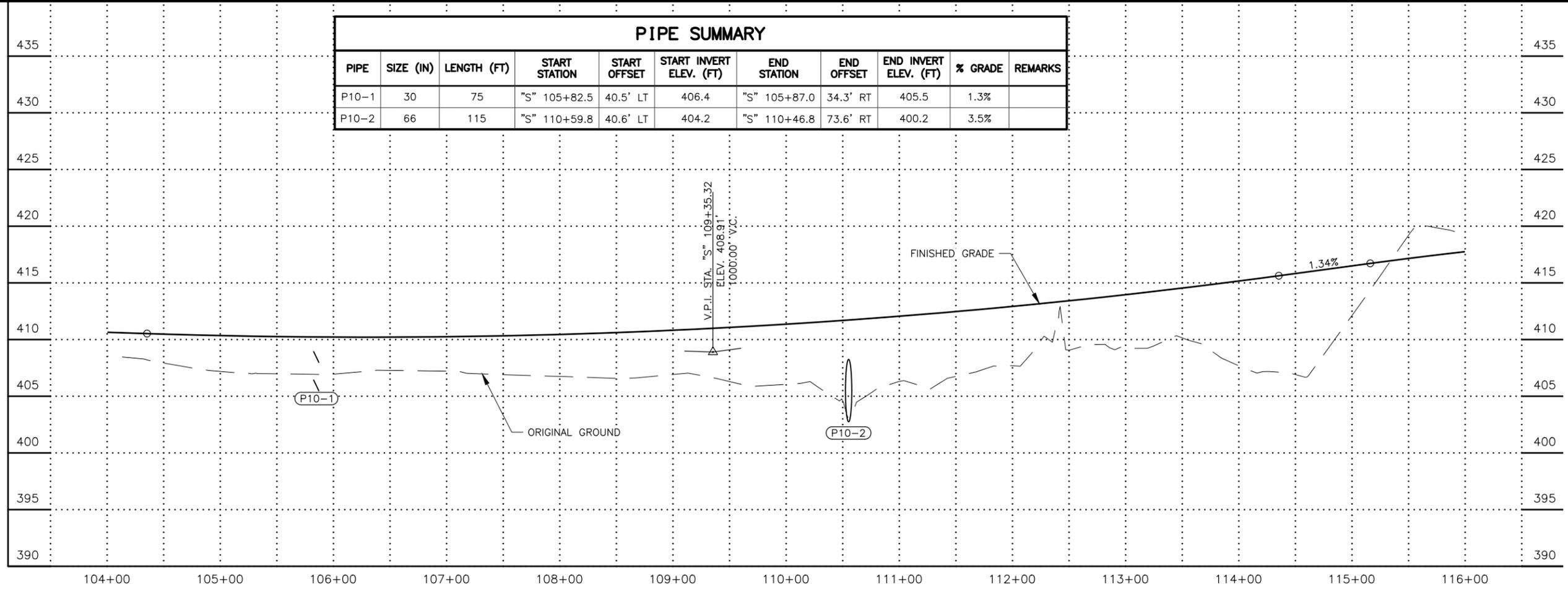
SHEET NO.	TOTAL SHEETS
F10	F31
STATE	YEAR
ALASKA	2025

PROJECT DESIGNATION  
**001723/  
CFHWY00562**

NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



PIPE SUMMARY										
PIPE	SIZE (IN)	LENGTH (FT)	START STATION	START OFFSET	START INVERT ELEV. (FT)	END STATION	END OFFSET	END INVERT ELEV. (FT)	% GRADE	REMARKS
P10-1	30	75	"S" 105+82.5	40.5' LT	406.4	"S" 105+87.0	34.3' RT	405.5	1.3%	
P10-2	66	115	"S" 110+59.8	40.6' LT	404.2	"S" 110+46.8	73.6' RT	400.2	3.5%	



**PRELIMINARY**

STATE OF ALASKA  
48  
STEVEN AARI  
REGISTERED PROFESSIONAL ENGINEER  
CE 9203

PLANS DEVELOPED BY:  
STANTEC CONSULTING SERVICES INC.  
3900 C STREET, SUITE 902  
ANCHORAGE, AK 99503  
907-276-4245  
CERTIFICATE OF AUTHORIZATION #126386

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
SELDON RD EXTENSION  
PHASE II  
WINDY BOTTOM/BEVERLY LAKES RD  
TO PITTMAN RD (MSB)

**SELDON RD  
PLAN AND PROFILE  
STA. 104+00 TO 116+00**

MLH  
SMK  
MTH

DESIGNED BY  
CHECKED BY  
DRAFTED BY

SCALE  
1" = 50'

DATE  
6/18/2025 11:31 AM

TIME

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MATCH LINE STA. "S" 116+00

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E = 155089.987  
Δ = 14°55'35.8"  
T = 139.52'  
L = 277.45'  
R = 1065.00'

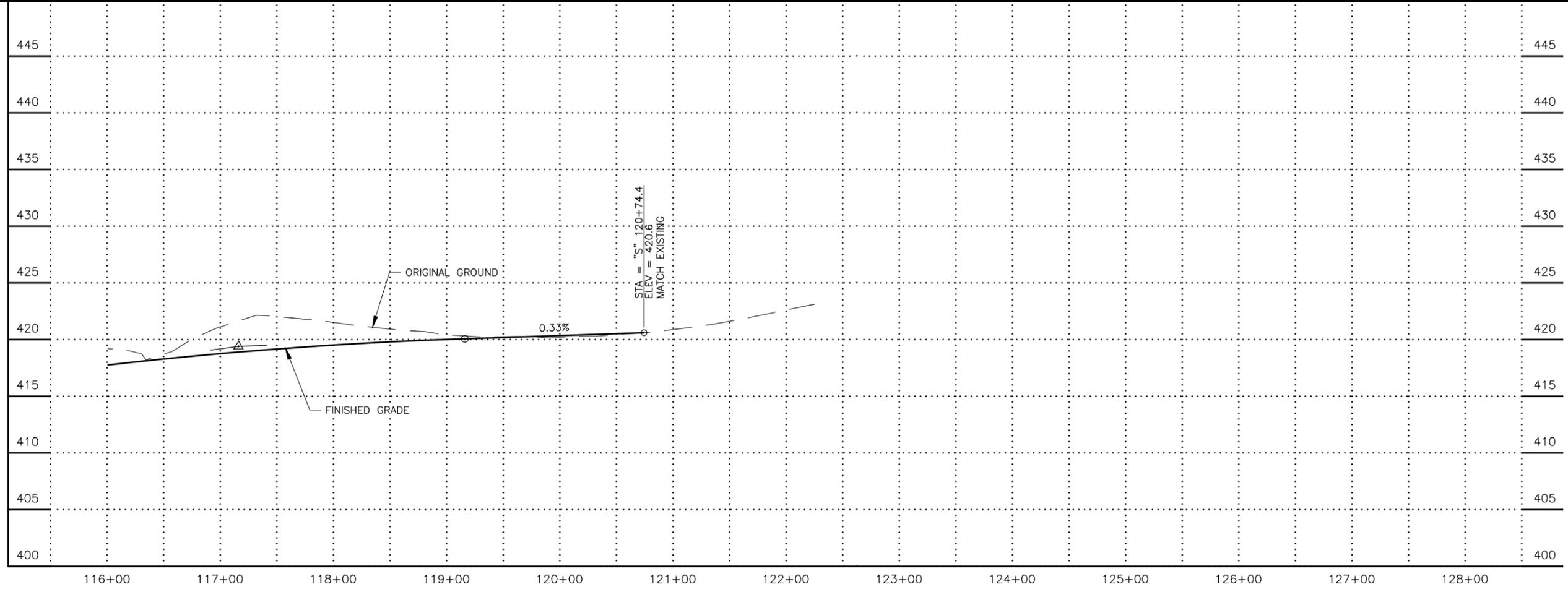
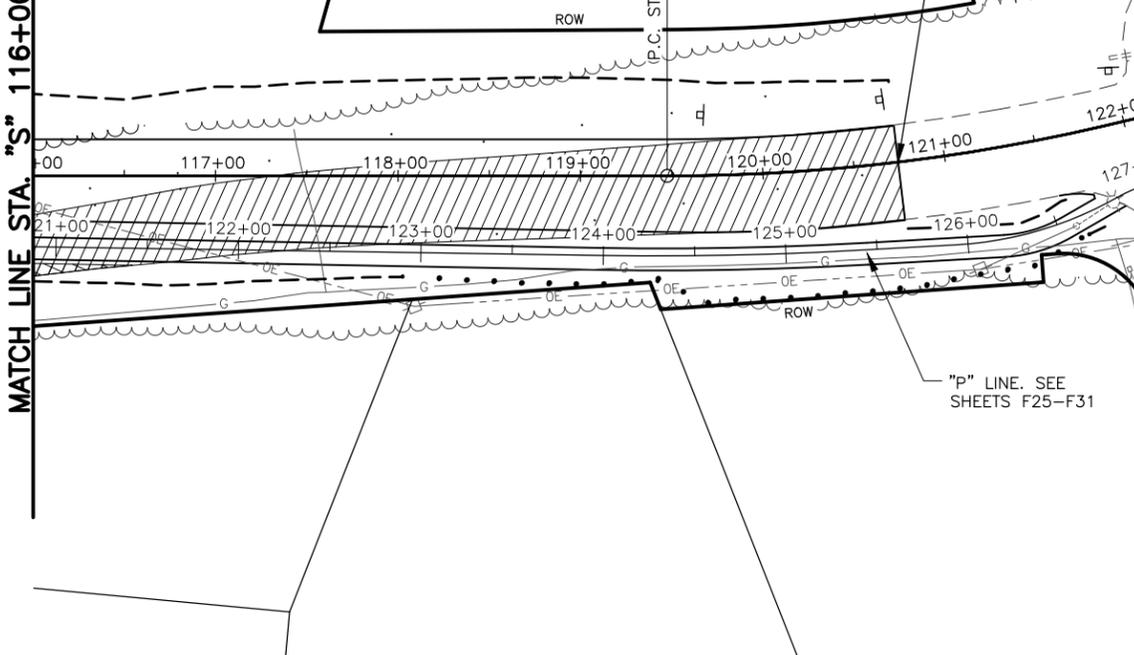
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STA "S" 120+74.42  
N 250001.00  
E 155080.58  
SAWCUT AND MATCH EXISTING PAVEMENT

SELDON ROAD

END PROJECT  
STA "S" 122+25.00  
N 249974.93  
E 155228.76

WINDY BOTTOM ROAD

"P" LINE. SEE SHEETS F25-F31



SHEET NO.	TOTAL SHEETS
F11	F31
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
001723/ CFHWY00562	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



STATE OF ALASKA  
48  
PRELIMINARY  
PLANS  
STEVEN AARI  
REGISTERED PROFESSIONAL ENGINEER  
CE 9203

PLANS DEVELOPED BY:  
STANTEC CONSULTING SERVICES INC.  
3900 C STREET, SUITE 902  
ANCHORAGE, AK 99503  
907-276-4245  
CERTIFICATE OF AUTHORIZATION #126386

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
SELDON RD EXTENSION  
PHASE II  
WINDY BOTTOM/BEVERLY LAKES RD  
TO PITTMAN RD (MSB)

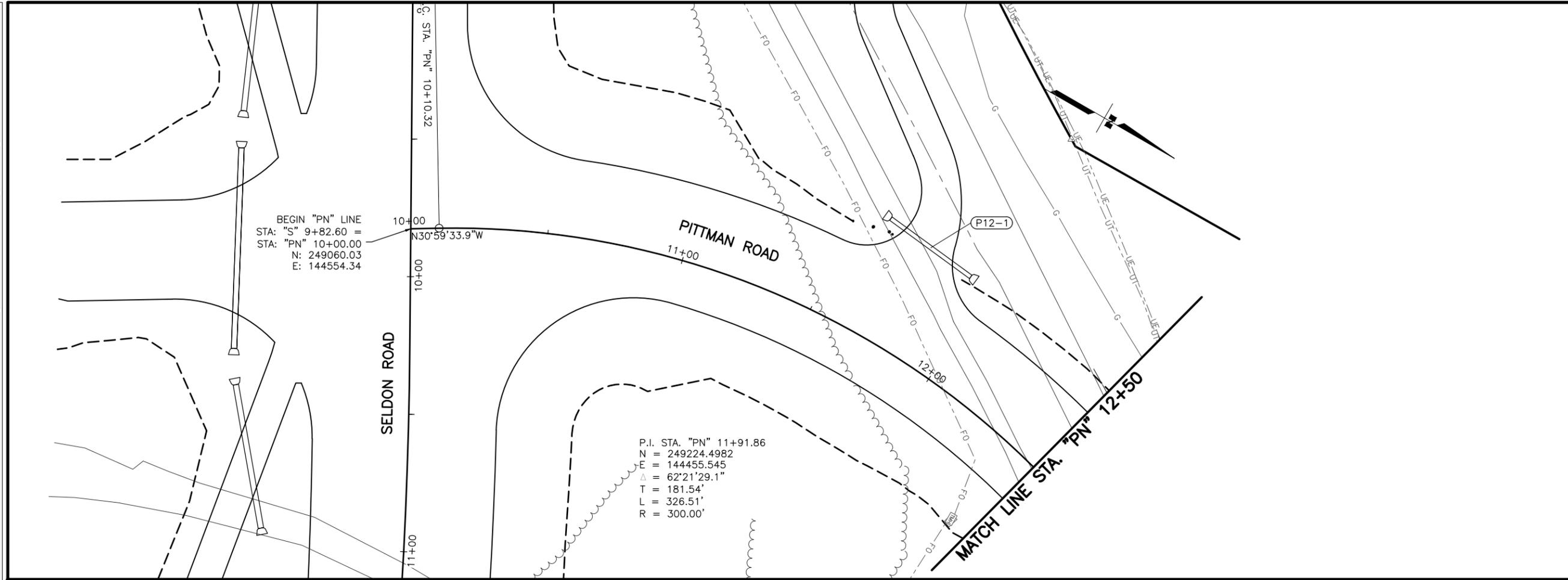
SELDON RD  
PLAN AND PROFILE  
STA. 116+00 TO E.O.P.

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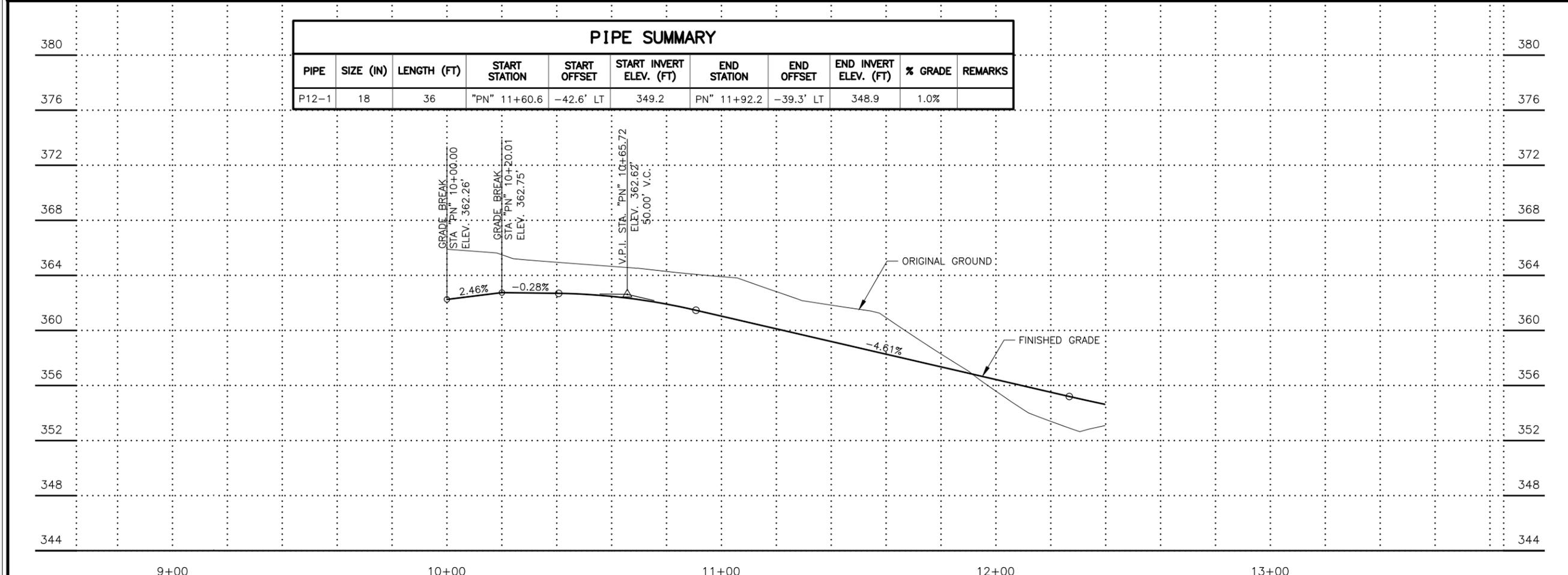
SHEET NO.	TOTAL SHEETS
F12	F31
STATE	YEAR
ALASKA	2025

PROJECT DESIGNATION  
**001723/  
 CFHWY00562**

NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



PIPE SUMMARY										
PIPE	SIZE (IN)	LENGTH (FT)	START STATION	START OFFSET	START INVERT ELEV. (FT)	END STATION	END OFFSET	END INVERT ELEV. (FT)	% GRADE	REMARKS
P12-1	18	36	"PN" 11+60.6	-42.6' LT	349.2	PN" 11+92.2	-39.3' LT	348.9	1.0%	



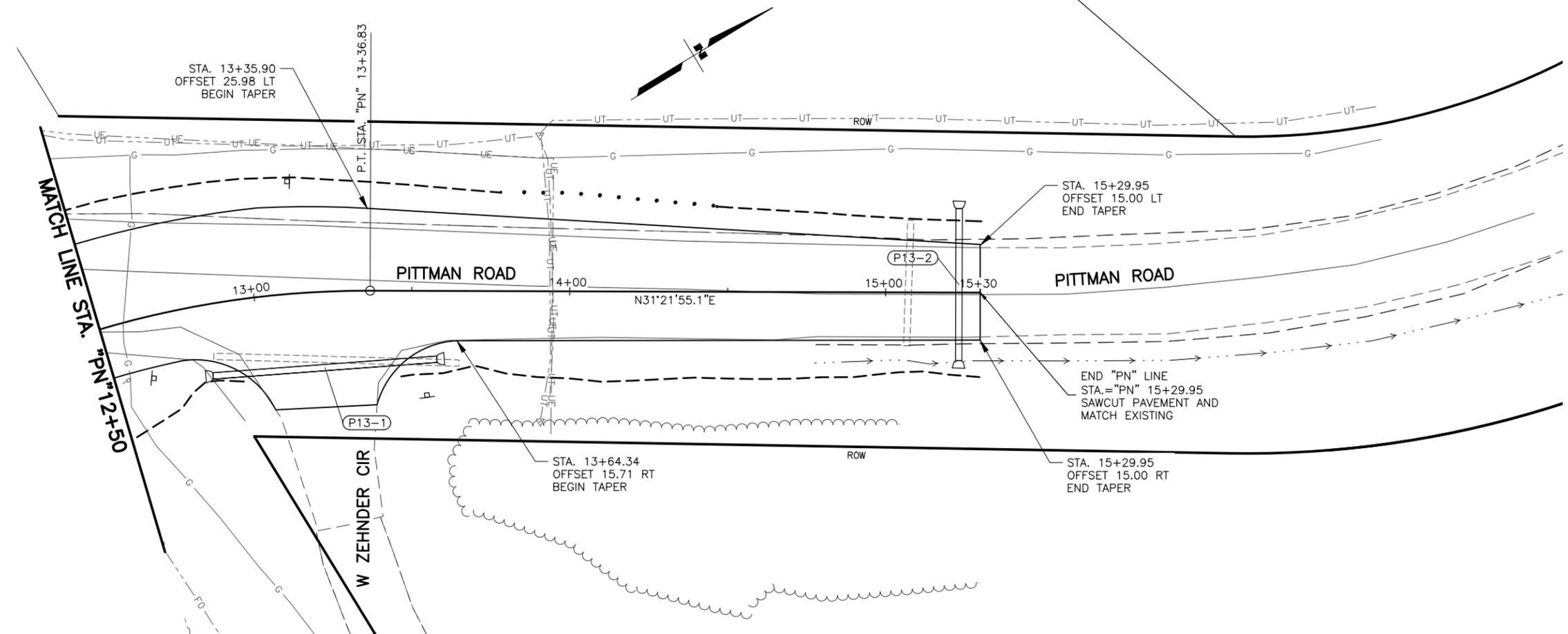
**PRELIMINARY**  
 STATE OF ALASKA  
 48  
 STEVEN AARI  
 LICENSED PROFESSIONAL ENGINEER  
 CE 9203  
 PLANS DEVELOPED BY:  
 STANTEC CONSULTING SERVICES INC.  
 3900 C STREET, SUITE 902  
 ANCHORAGE, AK 99503  
 907-276-4245  
 CERTIFICATE OF AUTHORIZATION #126386  
 STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 SELDON RD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)  
**PITTMAN ROAD  
 CONNECTION  
 PLAN AND PROFILE**

DESIGNED BY: MLH  
 CHECKED BY: SMK  
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 SCALE: 1" = 20'  
 DATE: 6/18/2025 11:32 AM  
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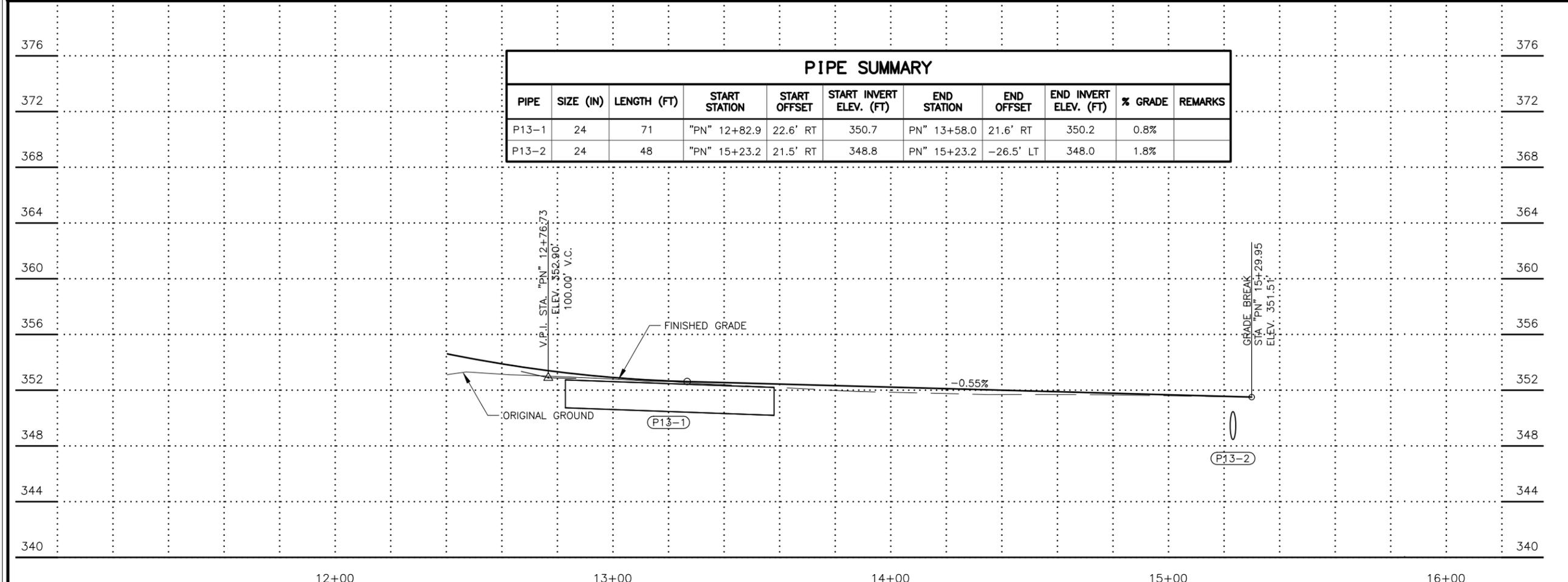
SHEET NO.	TOTAL SHEETS
F13	F31
STATE	YEAR
ALASKA	2025

PROJECT DESIGNATION  
**001723/  
 CFHWY00562**

NO.	REVISION



PIPE SUMMARY										
PIPE	SIZE (IN)	LENGTH (FT)	START STATION	START OFFSET	START INVERT ELEV. (FT)	END STATION	END OFFSET	END INVERT ELEV. (FT)	% GRADE	REMARKS
P13-1	24	71	"PN" 12+82.9	22.6' RT	350.7	"PN" 13+58.0	21.6' RT	350.2	0.8%	
P13-2	24	48	"PN" 15+23.2	21.5' RT	348.8	"PN" 15+23.2	-26.5' LT	348.0	1.8%	



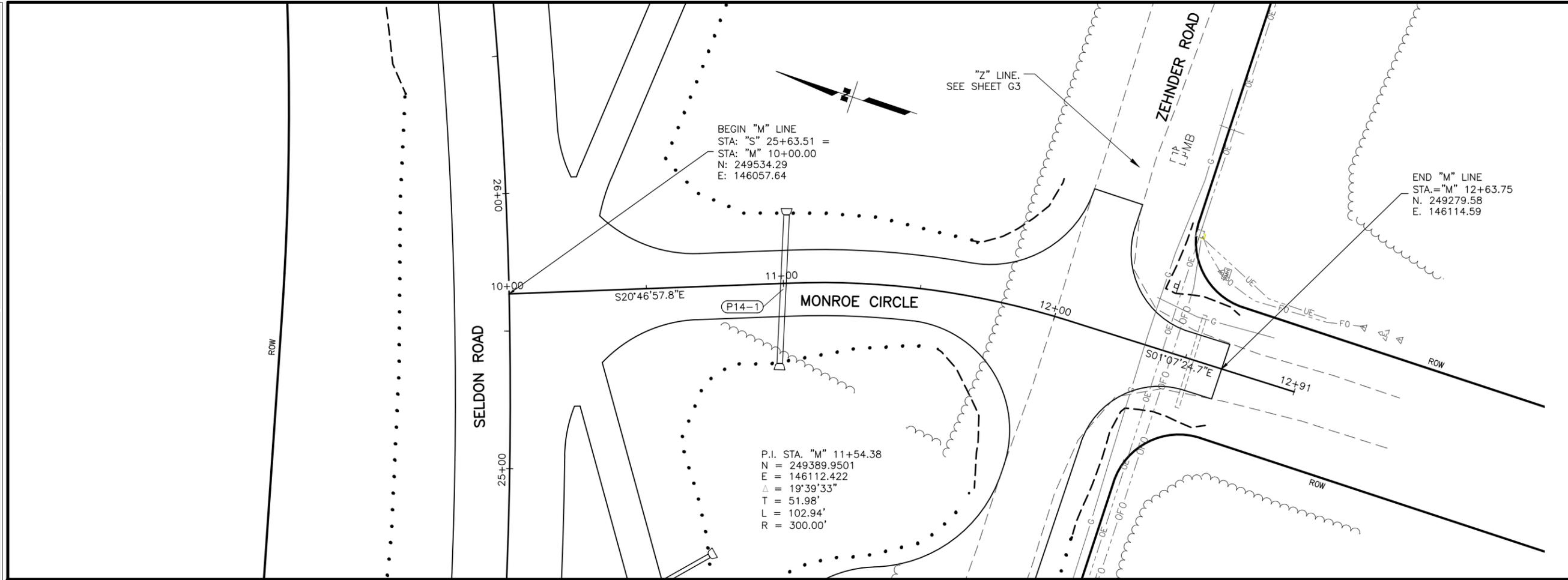
**PRELIMINARY**  
 STATE OF ALASKA  
 REGISTERED PROFESSIONAL ENGINEER  
 STEVEN J. HARRIS  
 LICENSE NO. 9203  
 PLANS DEVELOPED BY:  
 STANTEC CONSULTING SERVICES INC.  
 3900 C STREET, SUITE 902  
 ANCHORAGE, AK 99503  
 907-276-4245  
 CERTIFICATE OF AUTHORIZATION #126386  
 STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 SELDON RD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)  
**PITTMAN ROAD  
 CONNECTION  
 PLAN AND PROFILE**

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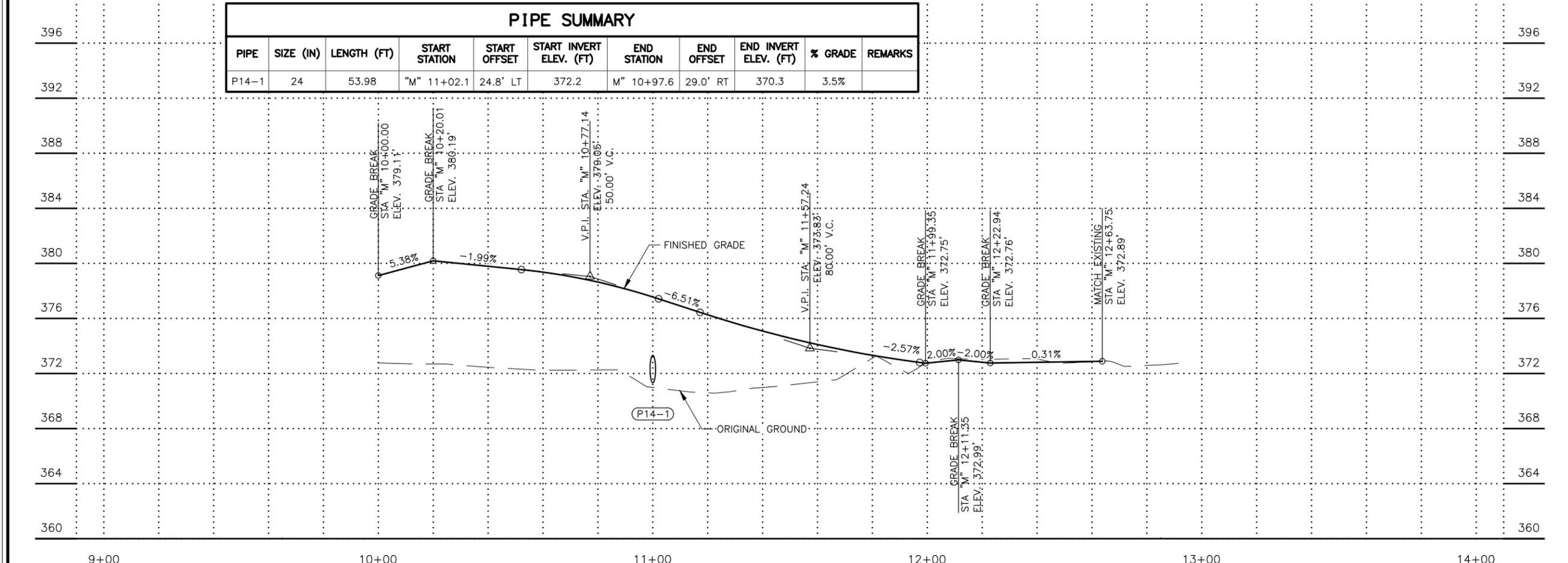
SHEET NO.	TOTAL SHEETS
F14	F31
STATE	YEAR
ALASKA	2025

PROJECT DESIGNATION  
**001723/  
 CFHWY00562**

NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



PIPE SUMMARY										
PIPE	SIZE (IN)	LENGTH (FT)	START STATION	START OFFSET	START INVERT ELEV. (FT)	END STATION	END OFFSET	END INVERT ELEV. (FT)	% GRADE	REMARKS
P14-1	24	53.98	"M" 11+02.1	24.8' LT	372.2	M" 10+97.6	29.0' RT	370.3	3.5%	



**PRELIMINARY**

STATE OF ALASKA  
 48  
 STEVEN J. HARRIS  
 LICENSED PROFESSIONAL ENGINEER  
 CE 9203

PLANS DEVELOPED BY:  
 STANTEC CONSULTING SERVICES INC.  
 3900 C STREET, SUITE 902  
 ANCHORAGE, AK 99503  
 907-276-4245  
 CERTIFICATE OF AUTHORIZATION #126386

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 SELDON RD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)

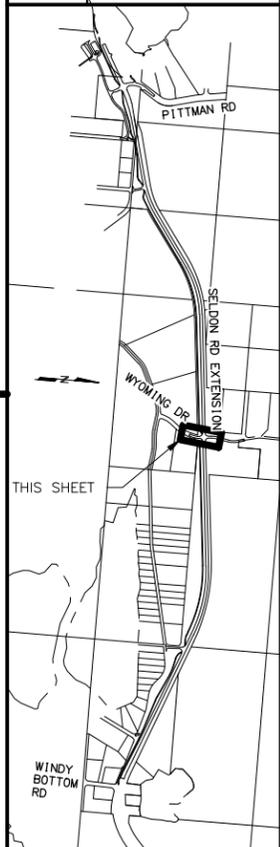
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 PLAN AND PROFILE**

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SHEET NO.	TOTAL SHEETS
F15	F31
STATE	YEAR
ALASKA	2025

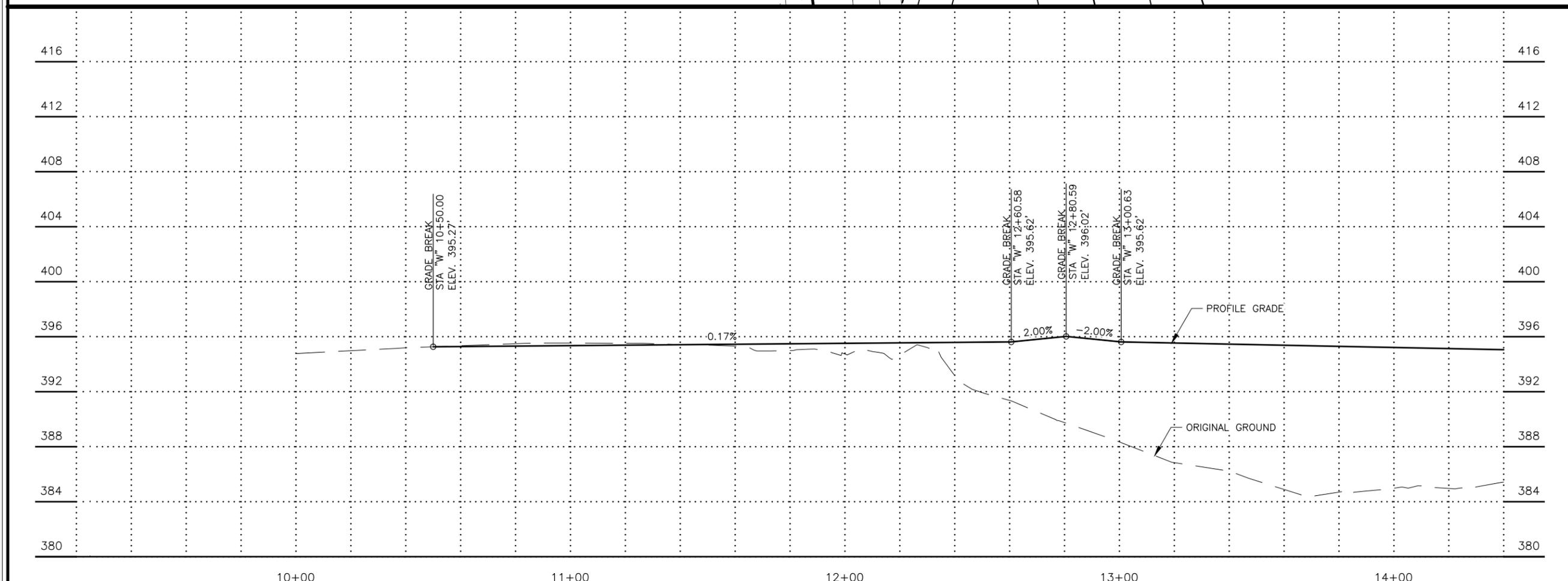
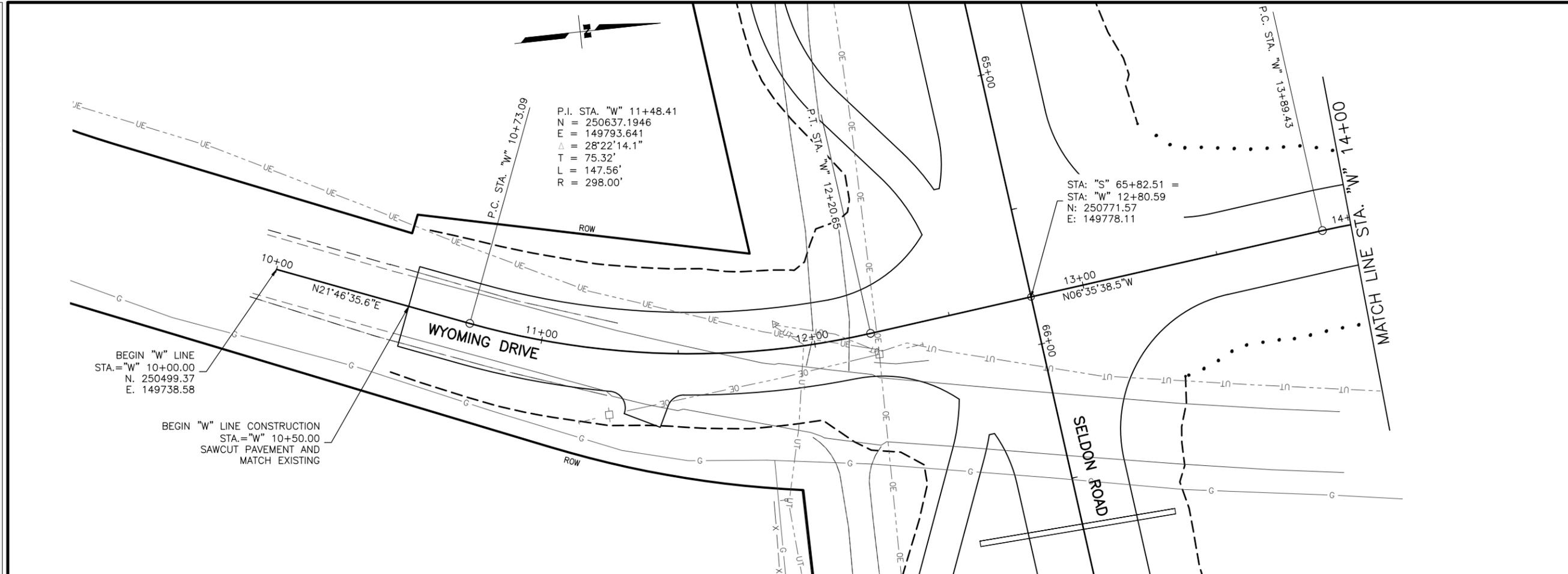
PROJECT DESIGNATION  
**001723/  
 CFHWY00562**

NO.	REVISION



PLANS DEVELOPED BY:  
 STANTEC CONSULTING SERVICES INC.  
 3900 C STREET, SUITE 902  
 ANCHORAGE, AK 99503  
 907-276-4245  
 CERTIFICATE OF AUTHORIZATION #126386  
 STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 SELDON RD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)

**WYOMING DRIVE  
 PLAN AND PROFILE**



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SMK  
MTH

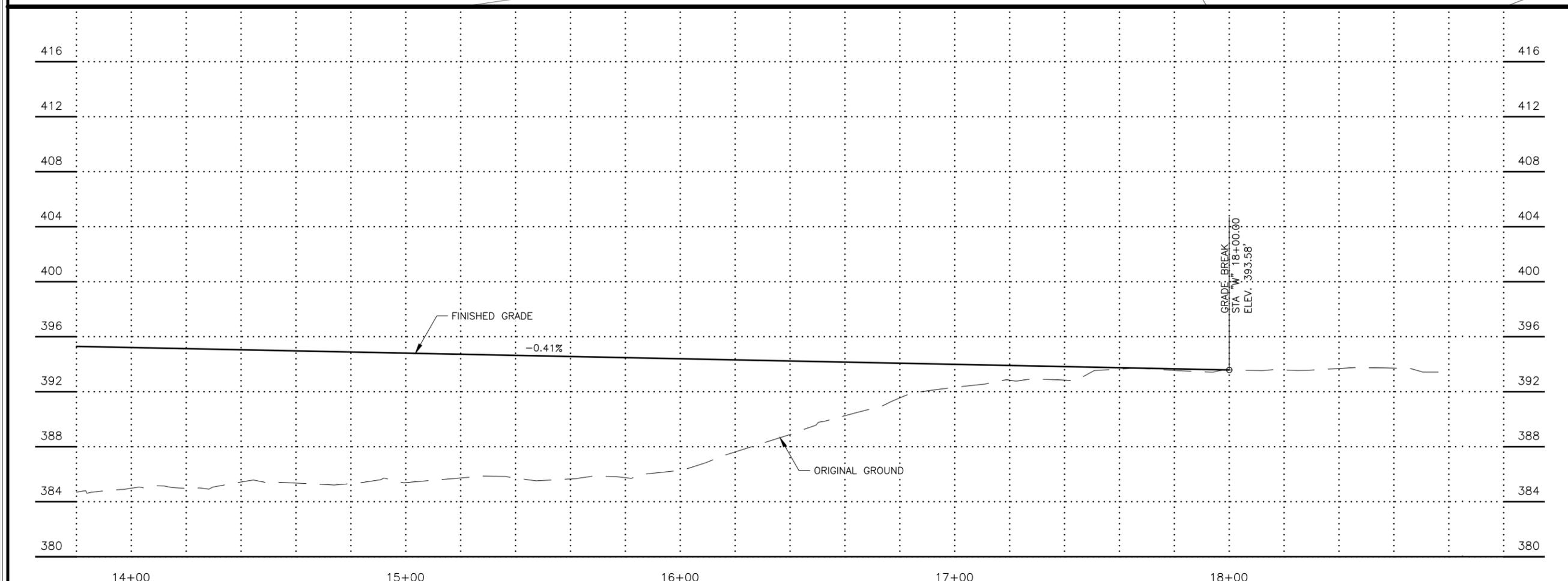
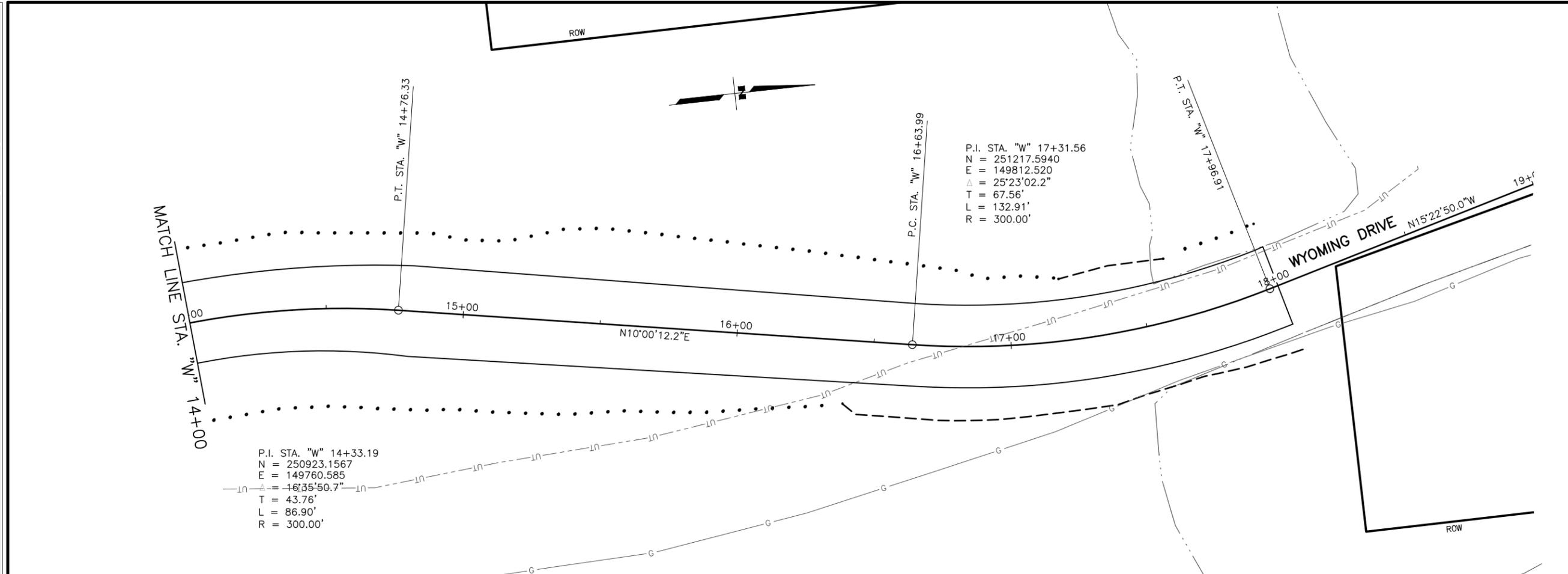
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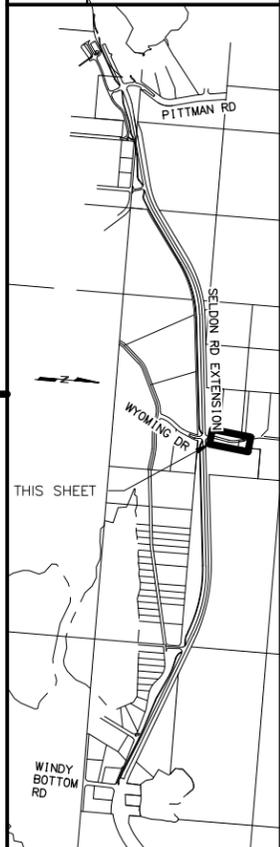
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SHEET NO.	TOTAL SHEETS
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STATE	YEAR
ALASKA	2025

PROJECT DESIGNATION  
001723/  
CFHWY00562

NO.	REVISION

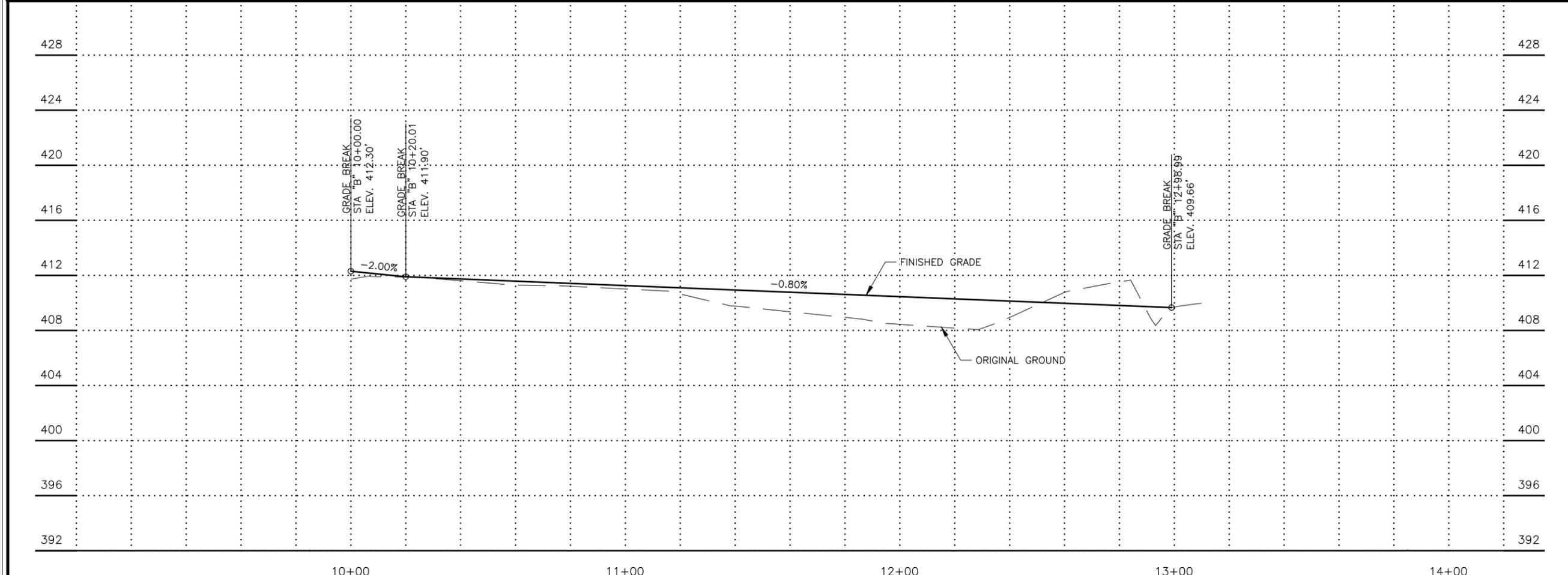
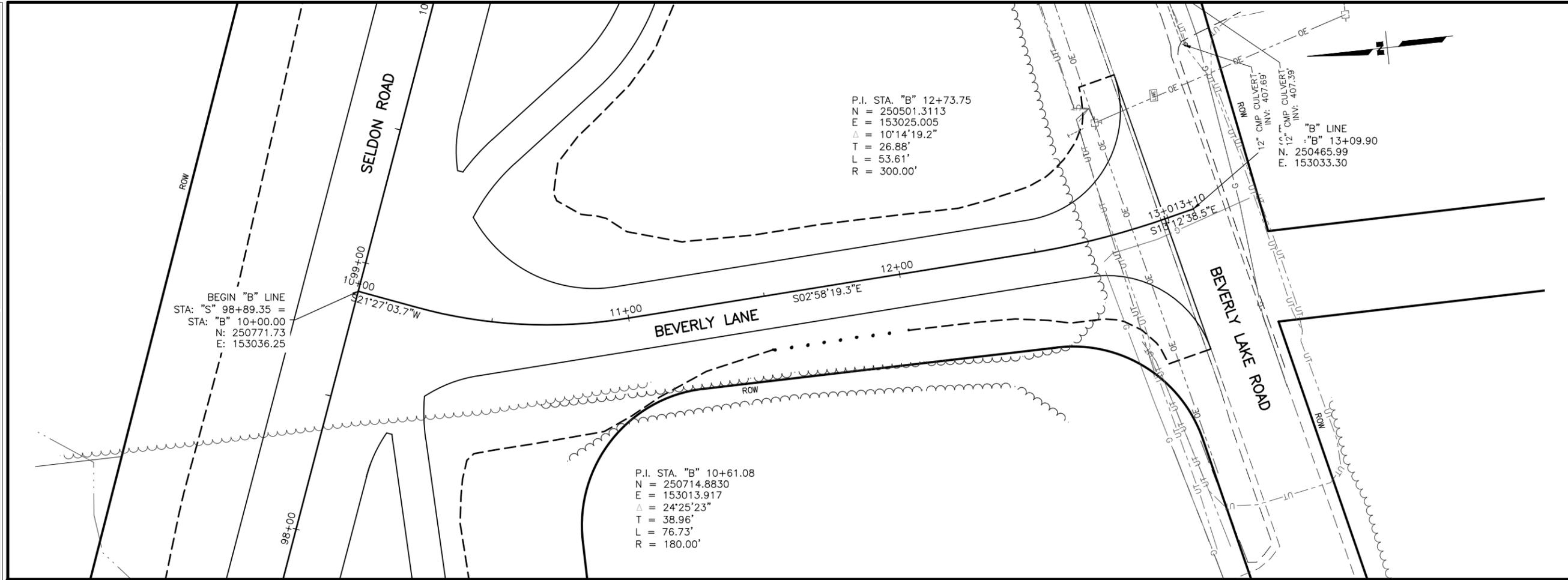


PLANS DEVELOPED BY:  
STANTEC CONSULTING SERVICES INC.  
3900 C STREET, SUITE 902  
ANCHORAGE, AK 99503  
907-276-4245  
CERTIFICATE OF AUTHORIZATION #126386

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
SELDON RD EXTENSION  
PHASE II  
WINDY BOTTOM/BEVERLY LAKES RD  
TO PITTMAN RD (MSB)

WYOMING DRIVE  
PLAN AND PROFILE

MLH  
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 DESIGNED BY  
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SHEET NO.	TOTAL SHEETS
F17	F31
STATE	YEAR
ALASKA	2025

PROJECT DESIGNATION  
**001723/  
 CFHWY00562**

NO.	REVISION



PLANS DEVELOPED BY:  
 STANTEC CONSULTING SERVICES INC.  
 3900 C STREET, SUITE 902  
 ANCHORAGE, AK 99503  
 907-276-4245  
 CERTIFICATE OF AUTHORIZATION #126386

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 SELDON RD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)

**BEVERLY LANE  
 PLAN AND PROFILE**



MLH  
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MTH

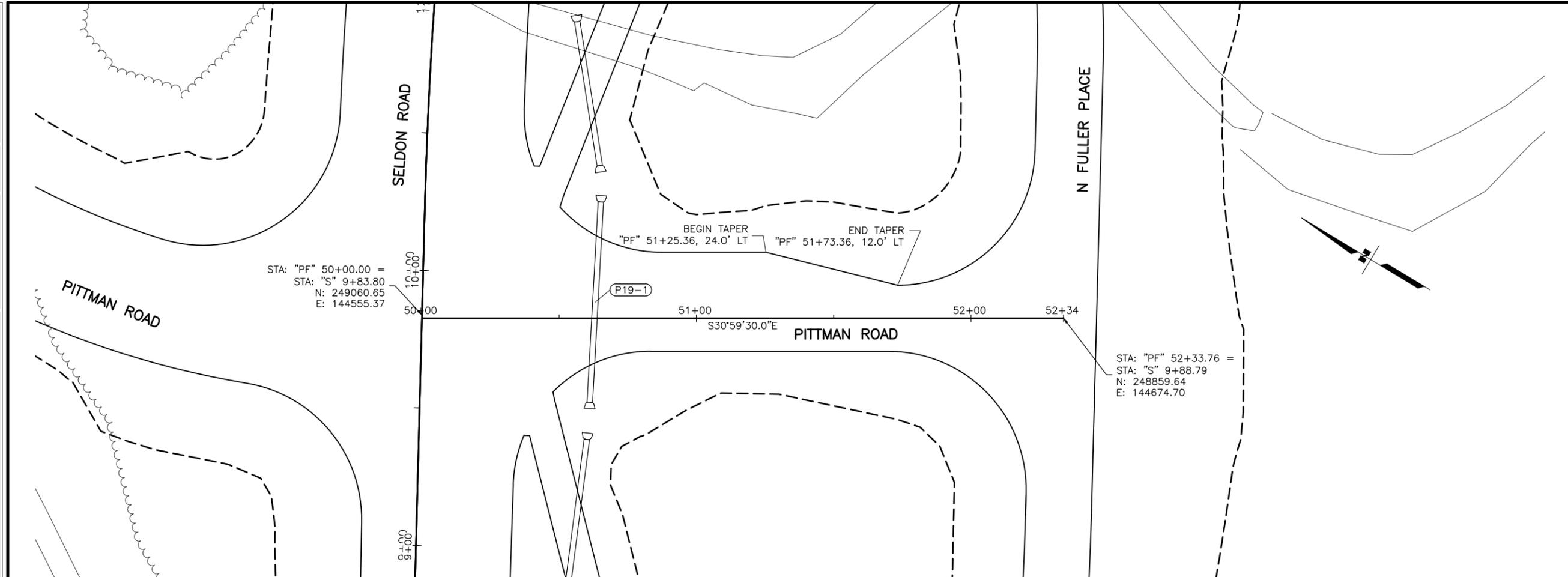
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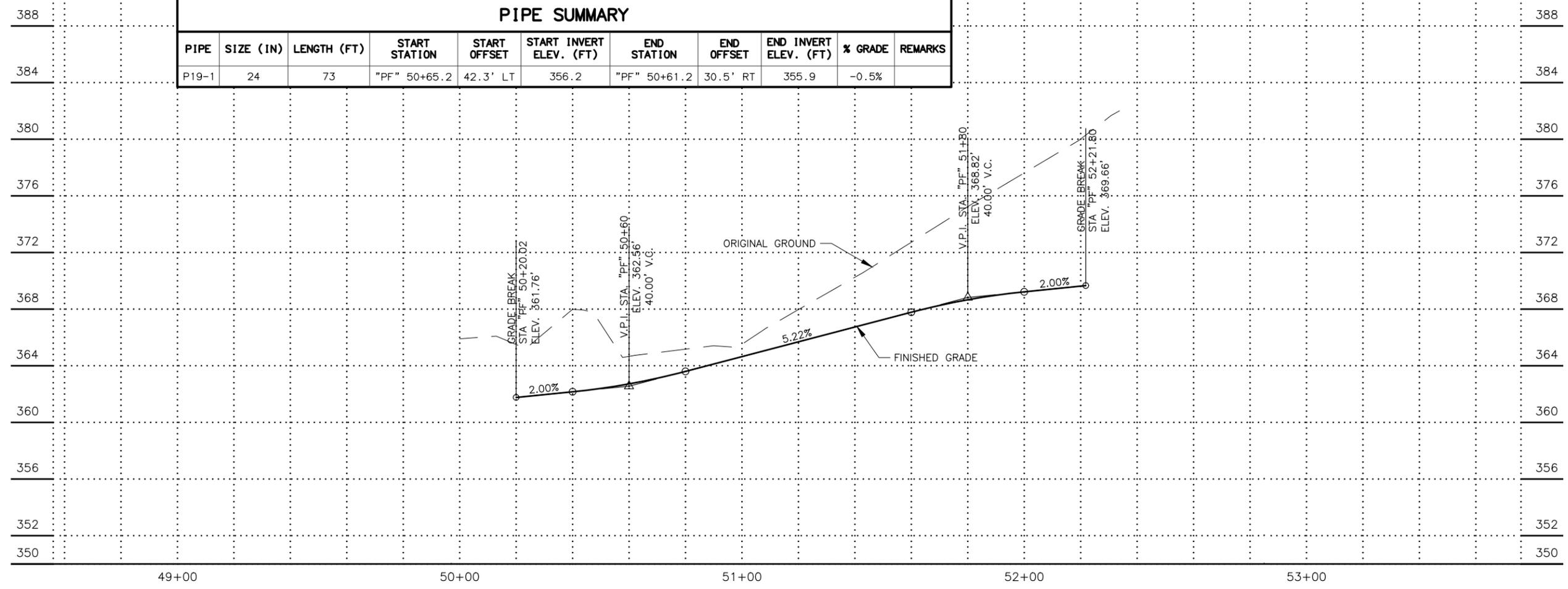
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PIPE SUMMARY

PIPE	SIZE (IN)	LENGTH (FT)	START STATION	START OFFSET	START INVERT ELEV. (FT)	END STATION	END OFFSET	END INVERT ELEV. (FT)	% GRADE	REMARKS
P19-1	24	73	"PF" 50+65.2	42.3' LT	356.2	"PF" 50+61.2	30.5' RT	355.9	-0.5%	



SHEET NO.	TOTAL SHEETS
F19	F31
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
001723/ CFHWY00562	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



**PRELIMINARY**

STATE OF ALASKA  
48

STEVEN J. PARI  
REGISTERED PROFESSIONAL ENGINEER  
CE 9203

PLANS DEVELOPED BY:  
STANTEC CONSULTING SERVICES INC.  
3900 C STREET, SUITE 902  
ANCHORAGE, AK 99503  
907-276-4245  
CERTIFICATE OF AUTHORIZATION #126386

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
SELDON RD EXTENSION  
PHASE II  
WINDY BOTTOM/BEVERLY LAKES RD  
TO PITTMAN RD (MSB)

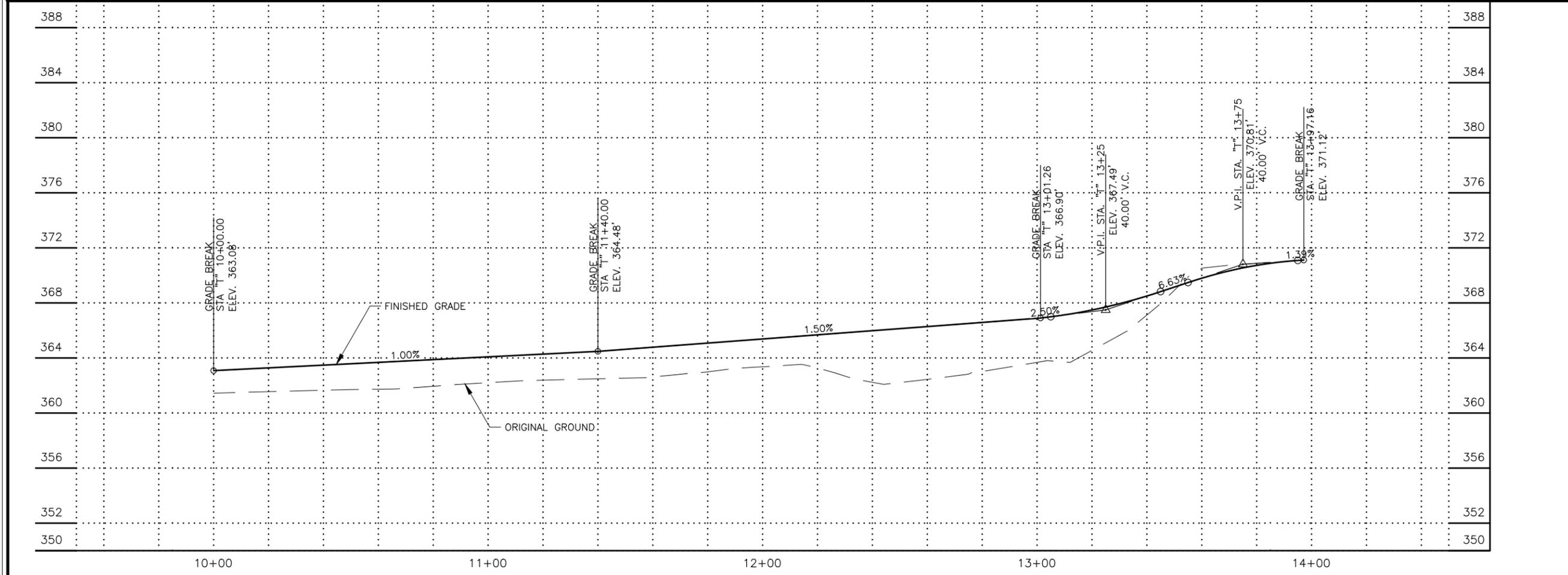
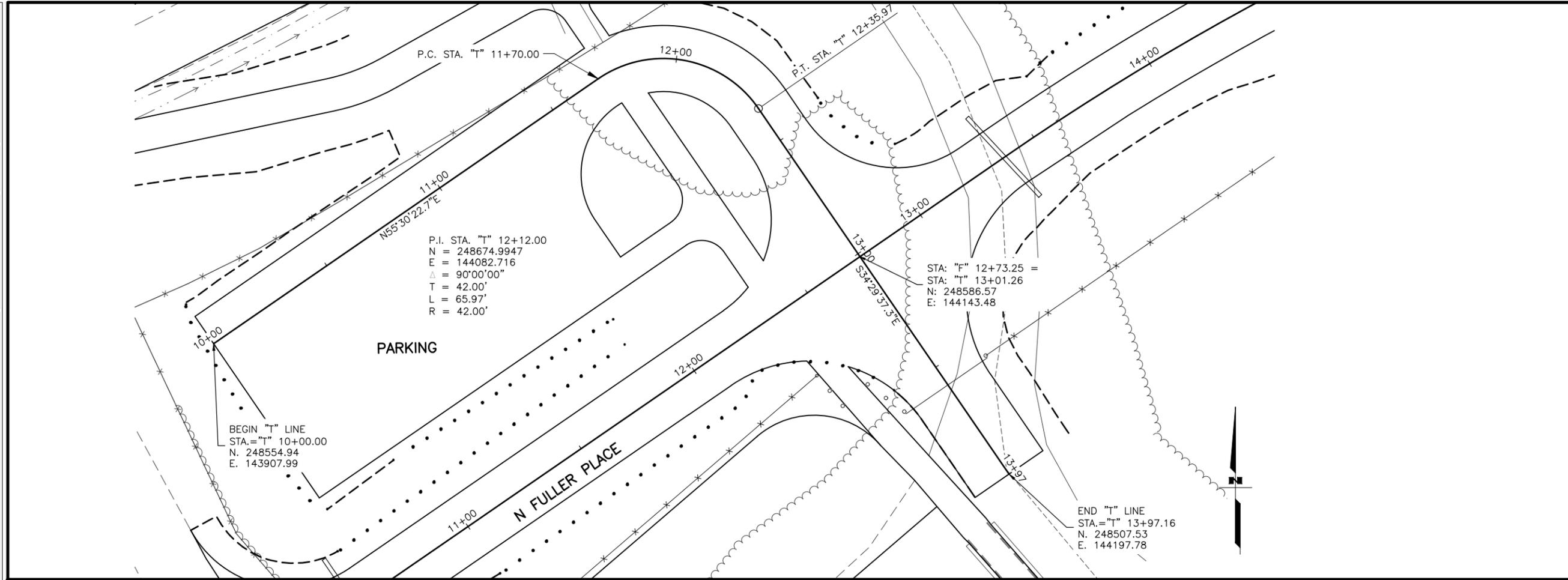
PITTMAN ROAD  
PLAN AND PROFILE

MLH  
 SMK  
 MTH  
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SHEET NO.	TOTAL SHEETS
F20	F31
STATE	YEAR
ALASKA	2025

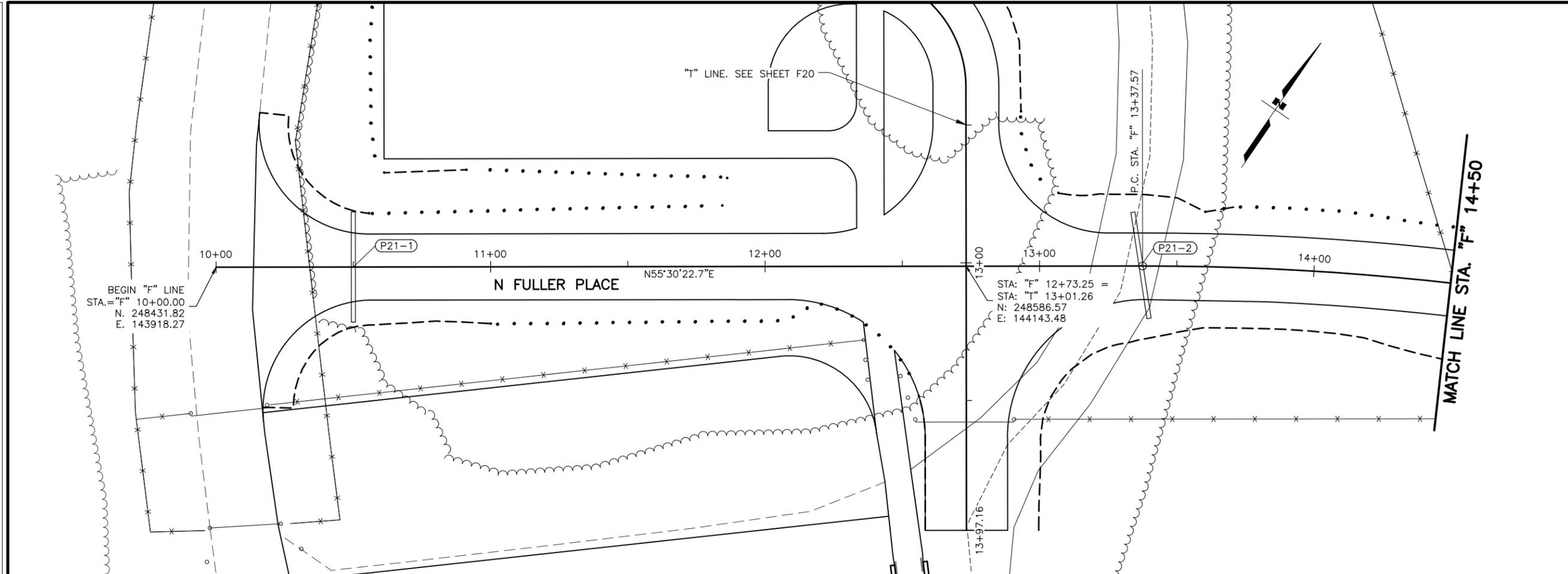
PROJECT DESIGNATION  
**001723/  
 CFHWY00562**

NO.	REVISION



**PRELIMINARY**  
 STATE OF ALASKA  
 48  
 STEVEN J. HARRIS  
 LICENSED PROFESSIONAL ENGINEER  
 CE 9203  
 PLANS DEVELOPED BY:  
 STANTEC CONSULTING SERVICES INC.  
 3900 C STREET, SUITE 902  
 ANCHORAGE, AK 99503  
 907-276-4245  
 CERTIFICATE OF AUTHORIZATION #126386  
 STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 SELDON RD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)  
**PARKING ACCESS  
 PLAN AND PROFILE**

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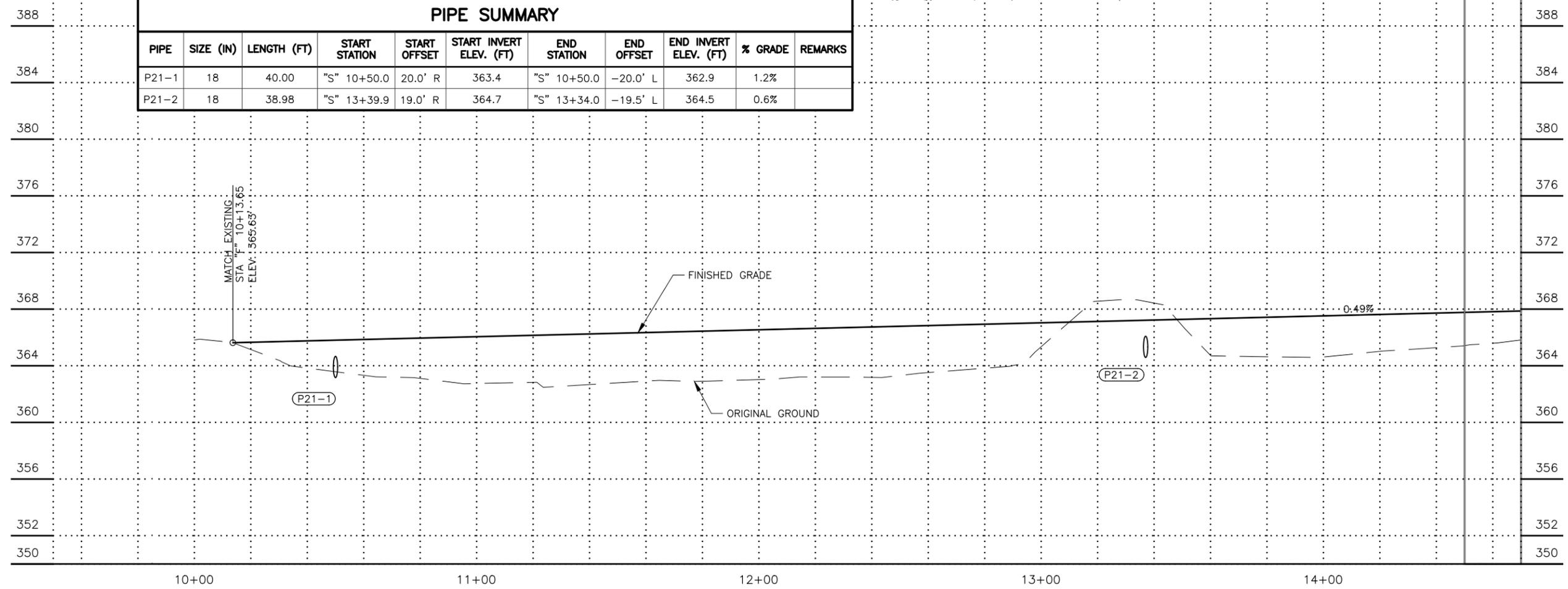


SHEET NO.	TOTAL SHEETS
F21	F31
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
001723/ CFHWY00562	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



**PIPE SUMMARY**

PIPE	SIZE (IN)	LENGTH (FT)	START STATION	START OFFSET	START INVERT ELEV. (FT)	END STATION	END OFFSET	END INVERT ELEV. (FT)	% GRADE	REMARKS
P21-1	18	40.00	"S" 10+50.0	20.0' R	363.4	"S" 10+50.0	-20.0' L	362.9	1.2%	
P21-2	18	38.98	"S" 13+39.9	19.0' R	364.7	"S" 13+34.0	-19.5' L	364.5	0.6%	



PRELIMINARY

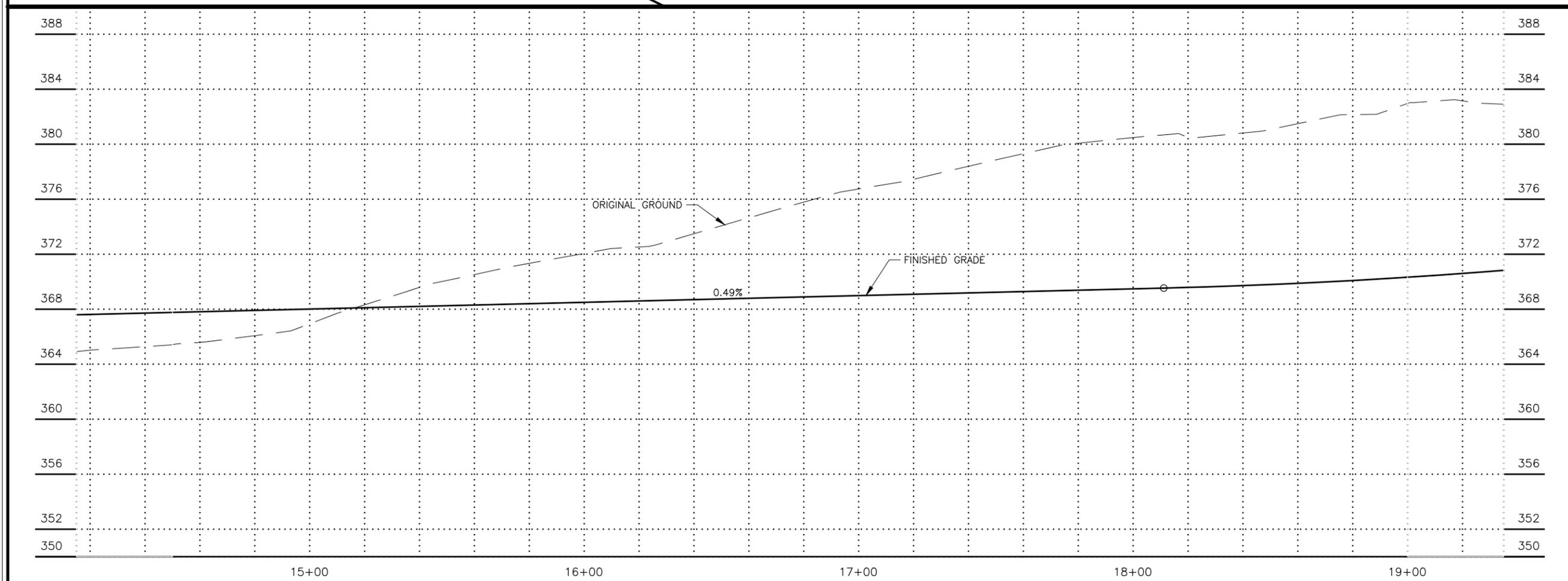
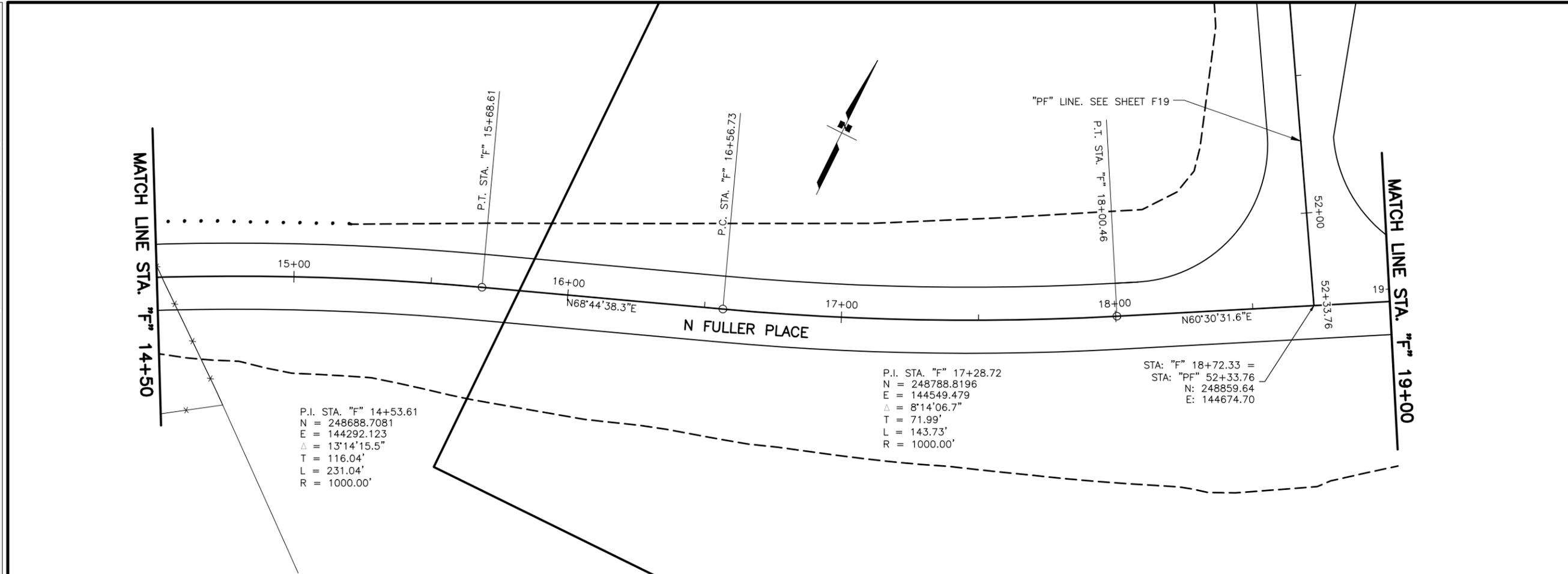
STATE OF ALASKA  
 48  
 STEVEN HARRI  
 LICENSED PROFESSIONAL ENGINEER  
 CE 9203

PLANS DEVELOPED BY:  
 STANTEC CONSULTING SERVICES INC.  
 3900 C STREET, SUITE 902  
 ANCHORAGE, AK 99503  
 907-276-4245  
 CERTIFICATE OF AUTHORIZATION #126386

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 SELDON RD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)

**N FULLER PLACE  
 PLAN AND PROFILE**

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 CHECKED BY: SMK  
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SHEET NO.	TOTAL SHEETS
F22	F31
STATE	YEAR
ALASKA	2025

PROJECT DESIGNATION  
 001723/  
 CFHWY00562

NO.	REVISION

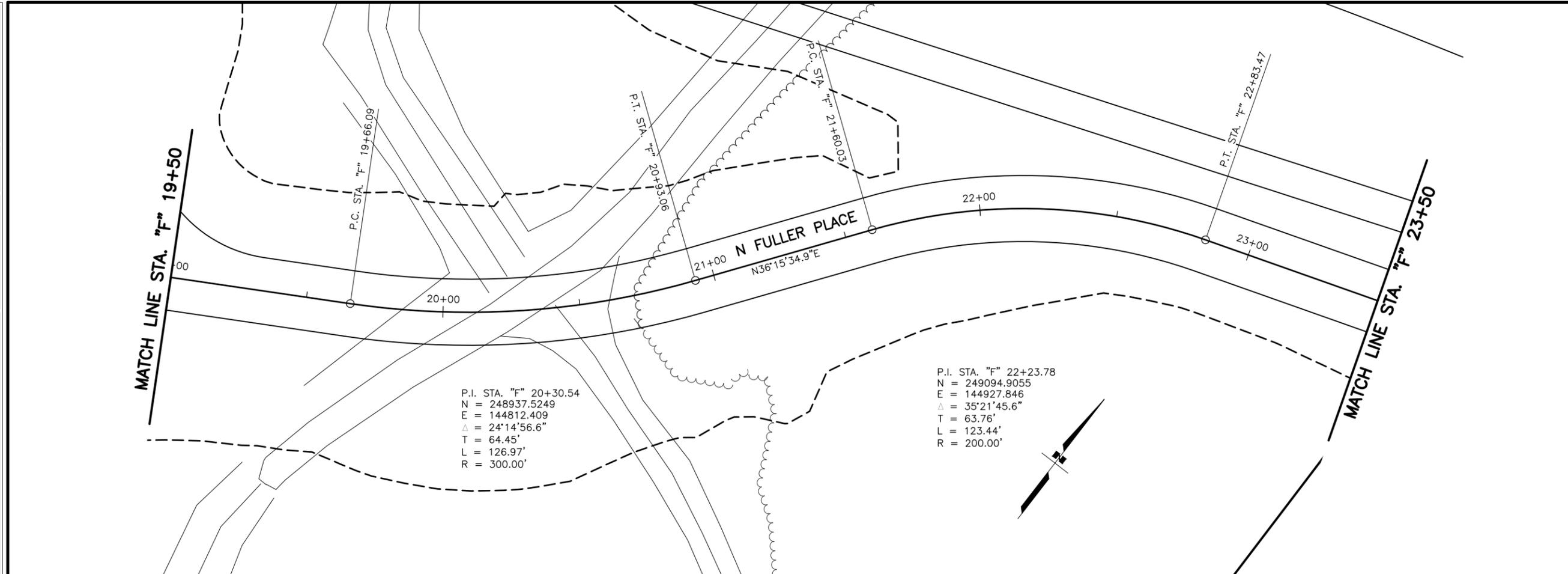


PLANS DEVELOPED BY:  
 STANTEC CONSULTING SERVICES INC.  
 3900 C STREET, SUITE 902  
 ANCHORAGE, AK 99503  
 907-276-4245  
 CERTIFICATE OF AUTHORIZATION #126386

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 SELDON RD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)

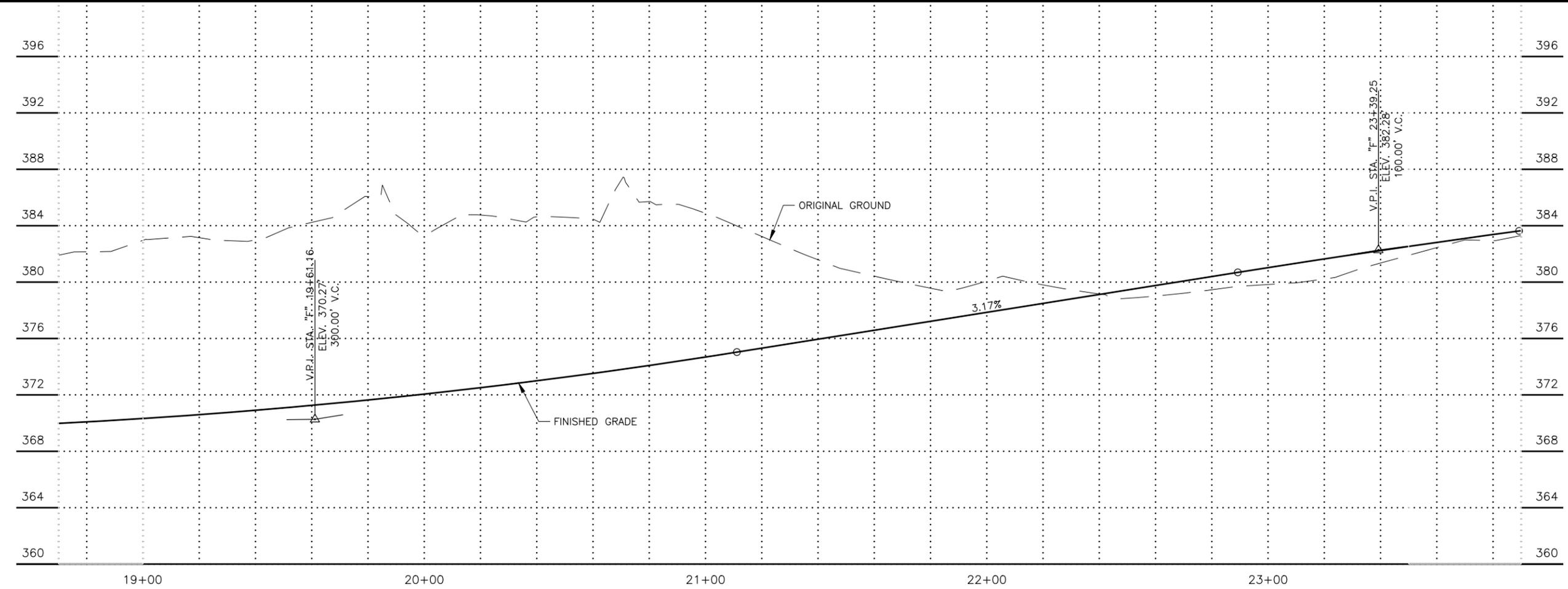
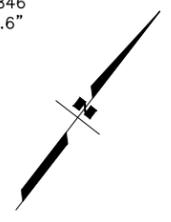
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 PLAN AND PROFILE

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 SCALE: 1" = 20'  
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 CHECKED BY: SMK  
 DRAFTED BY: MTH



P.I. STA. "F" 20+30.54  
 N = 248937.5249  
 E = 144812.409  
 $\Delta$  = 24°14'56.6"  
 T = 64.45'  
 L = 126.97'  
 R = 300.00'

P.I. STA. "F" 22+23.78  
 N = 249094.9055  
 E = 144927.846  
 $\Delta$  = 35°21'45.6"  
 T = 63.76'  
 L = 123.44'  
 R = 200.00'



SHEET NO.	TOTAL SHEETS
F23	F31
STATE	YEAR
ALASKA	2025

PROJECT DESIGNATION  
**001723/  
 CFHWY00562**

NO.	REVISION

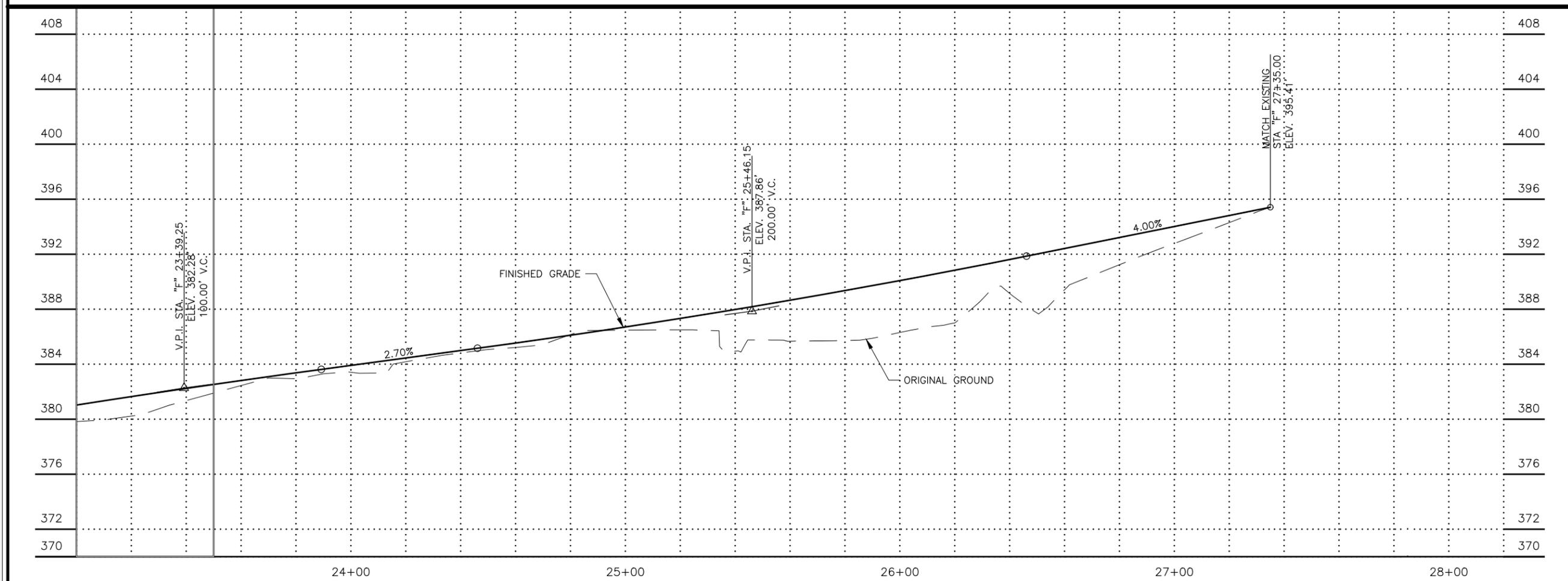
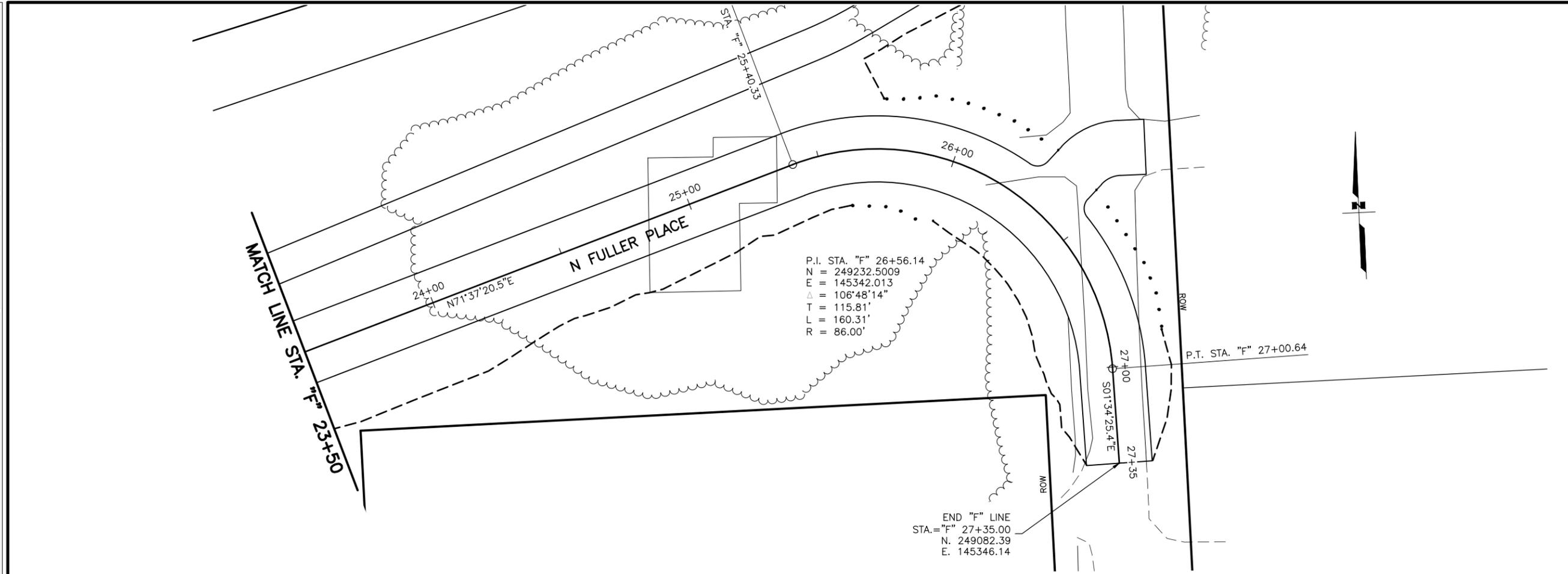


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 907-276-4245  
 CERTIFICATE OF AUTHORIZATION #126386

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 SELDON RD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)

**N FULLER PLACE  
 PLAN AND PROFILE**

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SHEET NO.	TOTAL SHEETS
F24	F31
STATE	YEAR
ALASKA	2025

PROJECT DESIGNATION  
**001723/  
 CFHWY00562**

NO.	REVISION

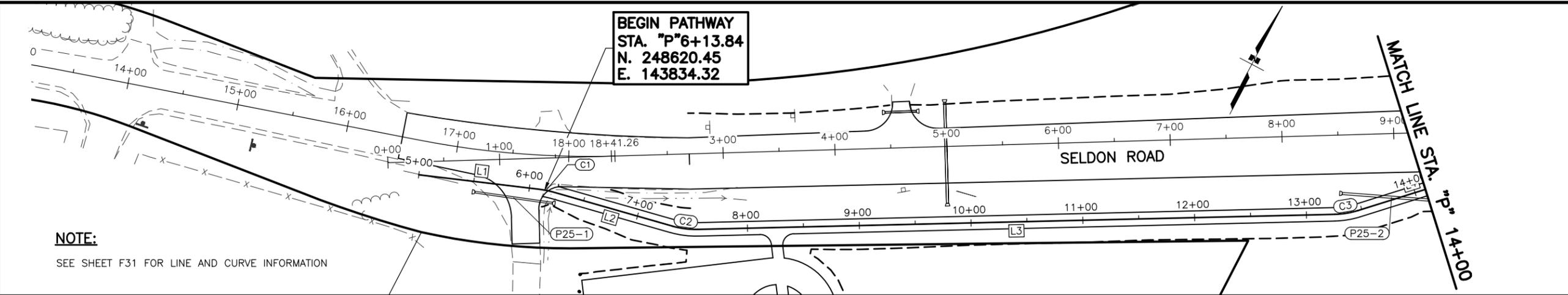


**PRELIMINARY**  
 STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES  
 SELDON RD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD TO PITTMAN RD (MSB)  
 N FULLER PLACE  
 PLAN AND PROFILE  
 PLANS DEVELOPED BY:  
 STANTEC CONSULTING SERVICES INC.  
 3900 C STREET, SUITE 902  
 ANCHORAGE, AK 99503  
 907-276-4245  
 CERTIFICATE OF AUTHORIZATION #126386  
 STEVEN J. HARRIS  
 LICENSED PROFESSIONAL ENGINEER  
 CE 9203

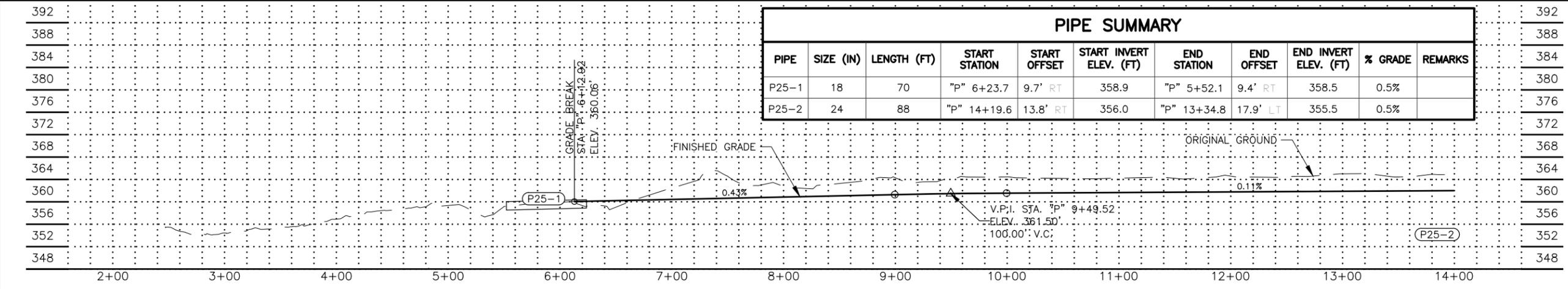
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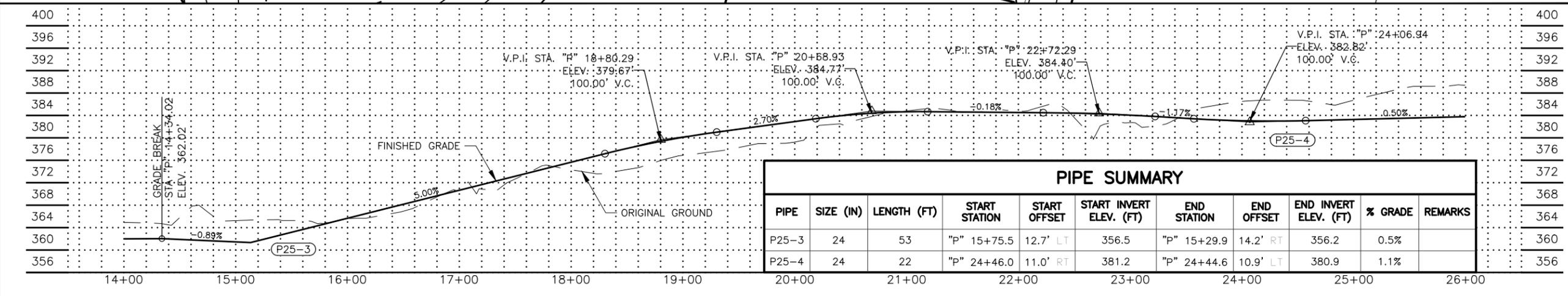
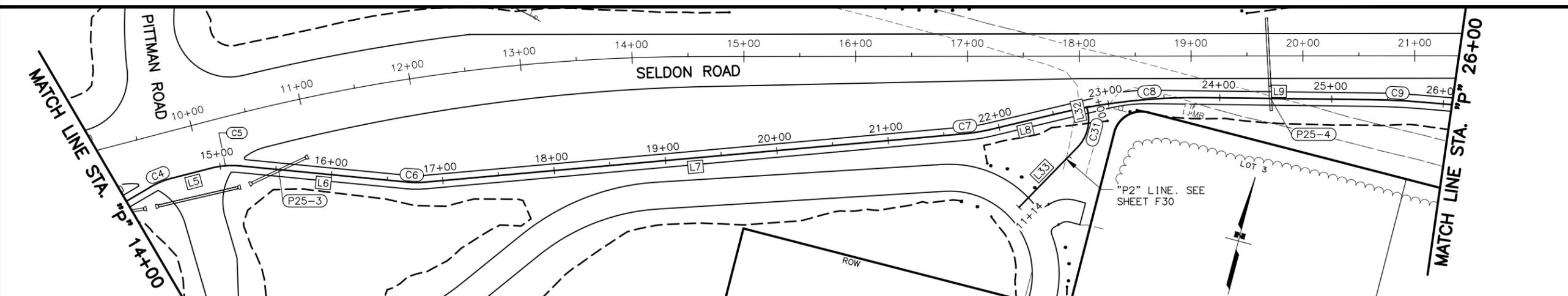
SHEET NO.	TOTAL SHEETS
F25	F31
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
001723/ CFHWY00562	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



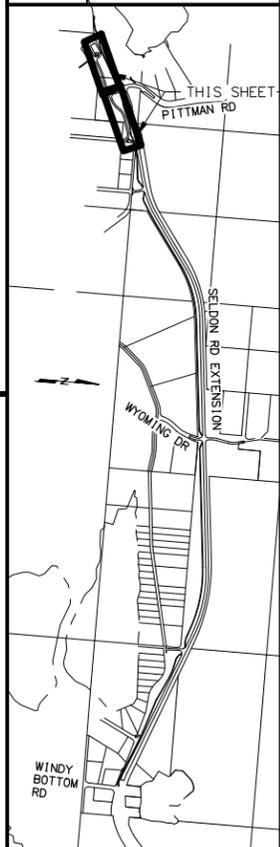
**NOTE:**  
SEE SHEET F31 FOR LINE AND CURVE INFORMATION



PIPE	SIZE (IN)	LENGTH (FT)	START STATION	START OFFSET	START INVERT ELEV. (FT)	END STATION	END OFFSET	END INVERT ELEV. (FT)	% GRADE	REMARKS
P25-1	18	70	"P" 6+23.7	9.7' RT	358.9	"P" 5+52.1	9.4' RT	358.5	0.5%	
P25-2	24	88	"P" 14+19.6	13.8' RT	356.0	"P" 13+34.8	17.9' LT	355.5	0.5%	



PIPE	SIZE (IN)	LENGTH (FT)	START STATION	START OFFSET	START INVERT ELEV. (FT)	END STATION	END OFFSET	END INVERT ELEV. (FT)	% GRADE	REMARKS
P25-3	24	53	"P" 15+75.5	12.7' LT	356.5	"P" 15+29.9	14.2' RT	356.2	0.5%	
P25-4	24	22	"P" 24+46.0	11.0' RT	381.2	"P" 24+44.6	10.9' LT	380.9	1.1%	



**PRELIMINARY**

STATE OF ALASKA  
48  
STEVEN HARRIS  
REGISTERED PROFESSIONAL ENGINEER  
CE 9203

PLANS DEVELOPED BY:  
STANTEC CONSULTING SERVICES INC.  
3900 C STREET, SUITE 902  
ANCHORAGE, AK 99503  
907-276-4245  
CERTIFICATE OF AUTHORIZATION #126386

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
SELDON RD EXTENSION  
PHASE II  
WINDY BOTTOM/BEVERLY LAKES RD  
TO PITTMAN RD (MSB)

**PATHWAY  
PLAN AND PROFILE**

MLH  
SMK  
MTH

DESIGNED BY  
CHECKED BY  
DRAFTED BY

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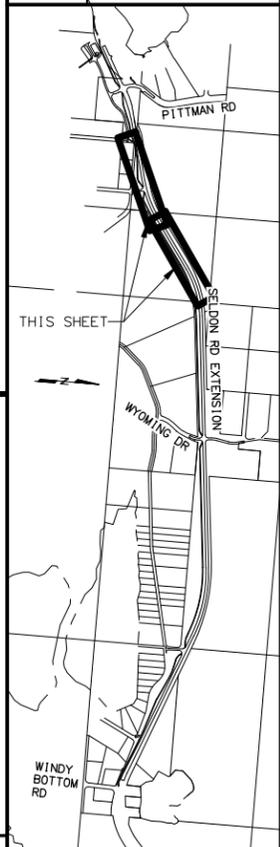
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SHEET NO.	TOTAL SHEETS
F26	F31
STATE	YEAR
ALASKA	2025

PROJECT DESIGNATION  
**001723/  
CFHWY00562**

NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



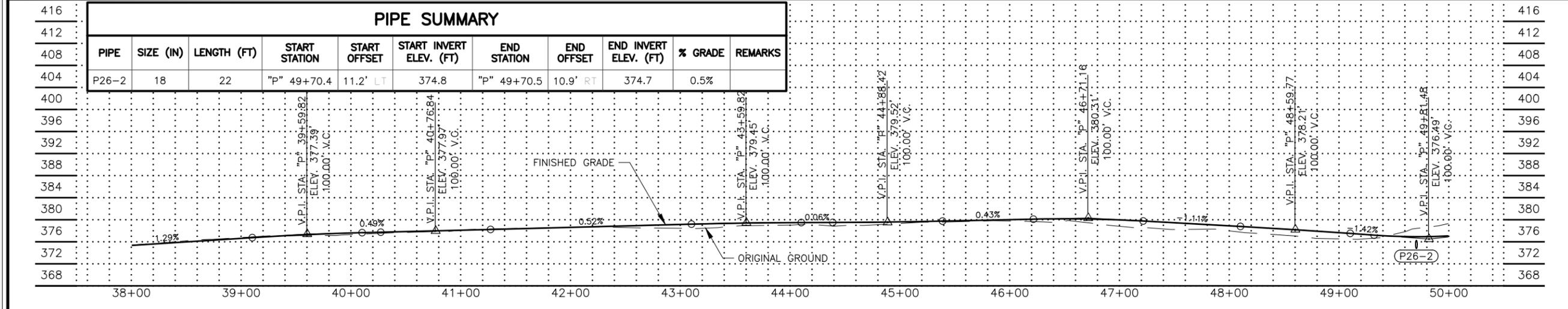
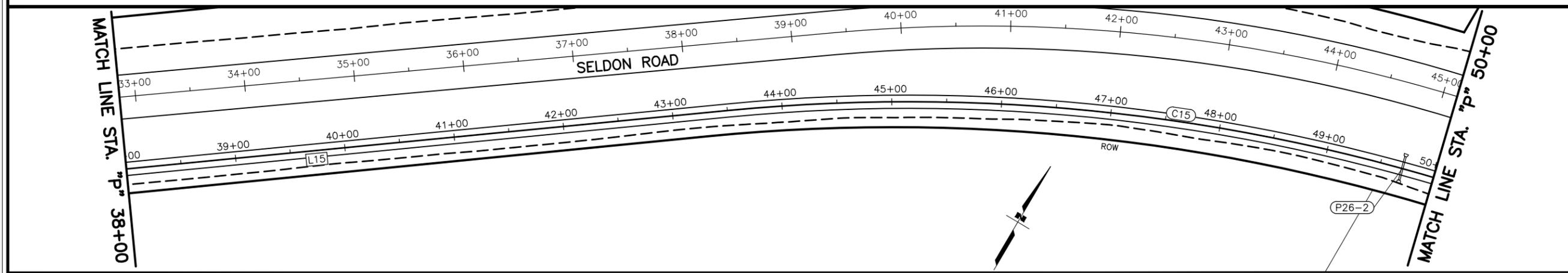
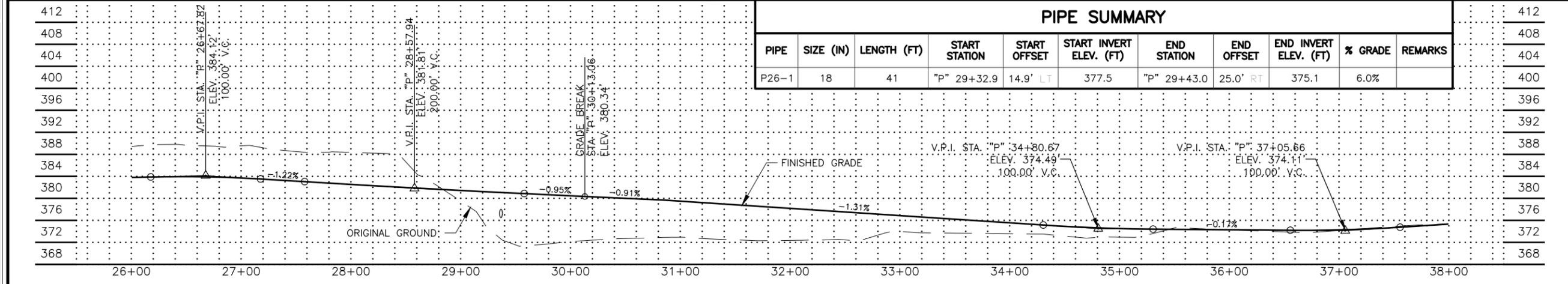
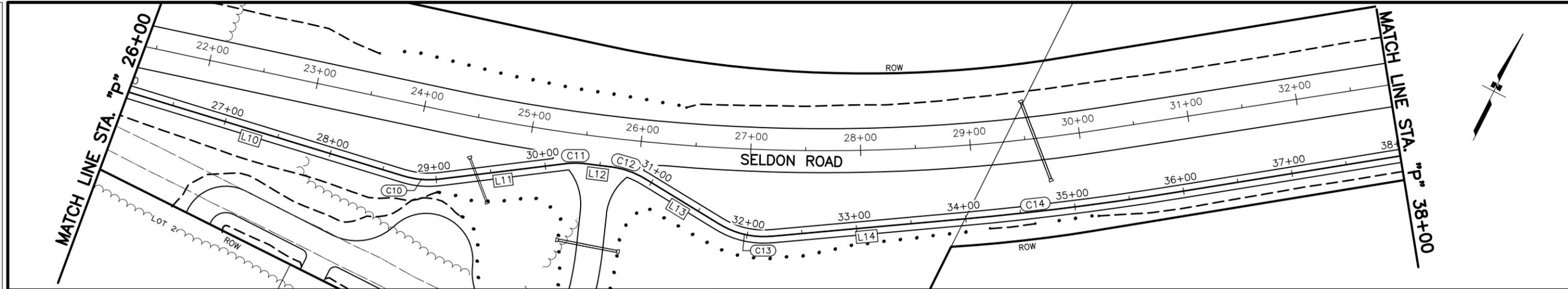
**PRELIMINARY**

STATE OF ALASKA  
REGISTERED PROFESSIONAL ENGINEER  
STEVEN J. HARRIS  
No. 9203

PLANS DEVELOPED BY:  
STANTEC CONSULTING SERVICES INC.  
3900 C STREET, SUITE 902  
ANCHORAGE, AK 99503  
907-276-4245  
CERTIFICATE OF AUTHORIZATION #126386

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
SELDON RD EXTENSION  
PHASE II  
WINDY BOTTOM/BEVERLY LAKES RD  
TO PITTMAN RD (MSB)

**PATHWAY  
PLAN AND PROFILE**



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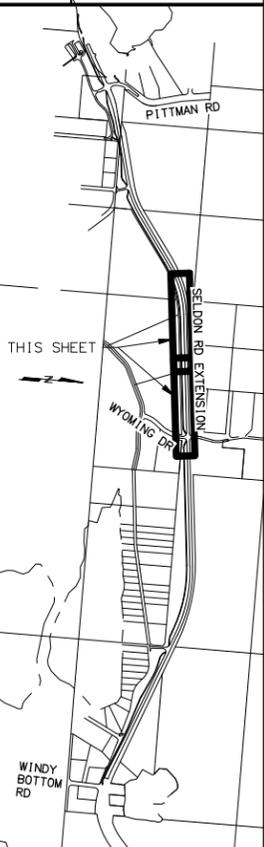
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SHEET NO.	TOTAL SHEETS
F27	F31
STATE	YEAR
ALASKA	2025

PROJECT DESIGNATION  
**001723/  
CFHWY00562**

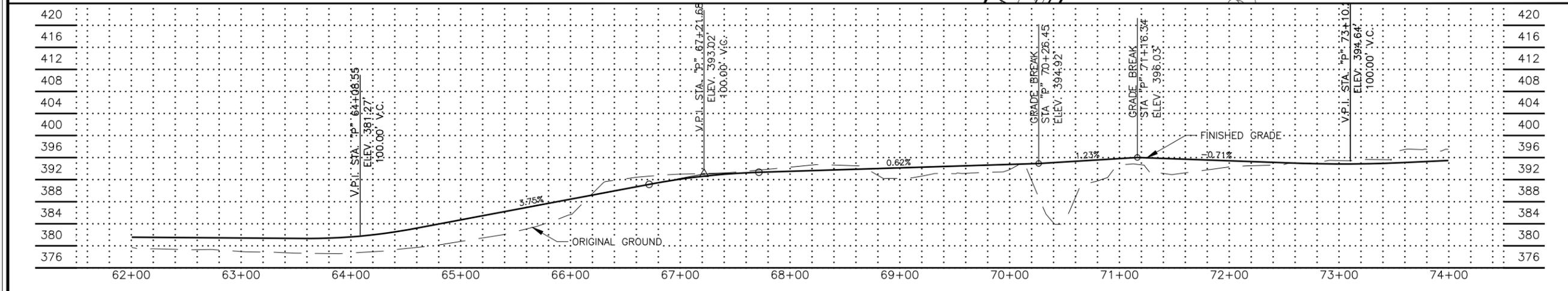
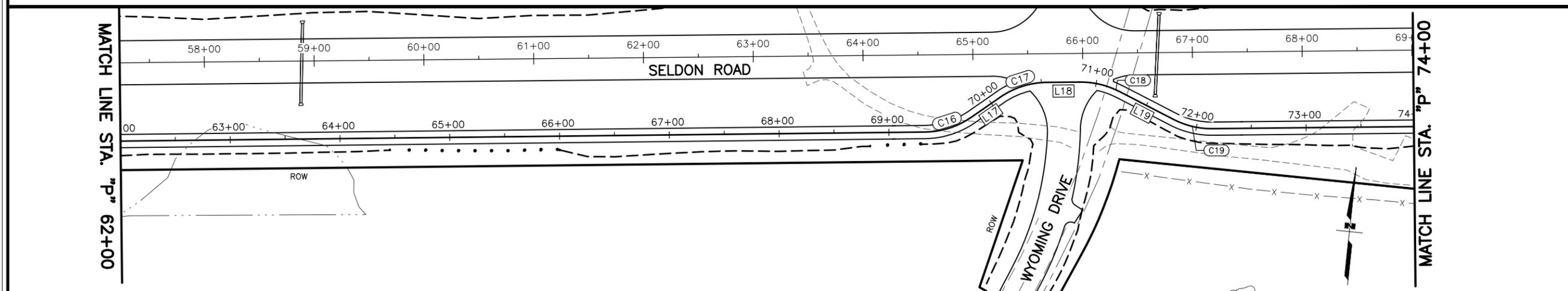
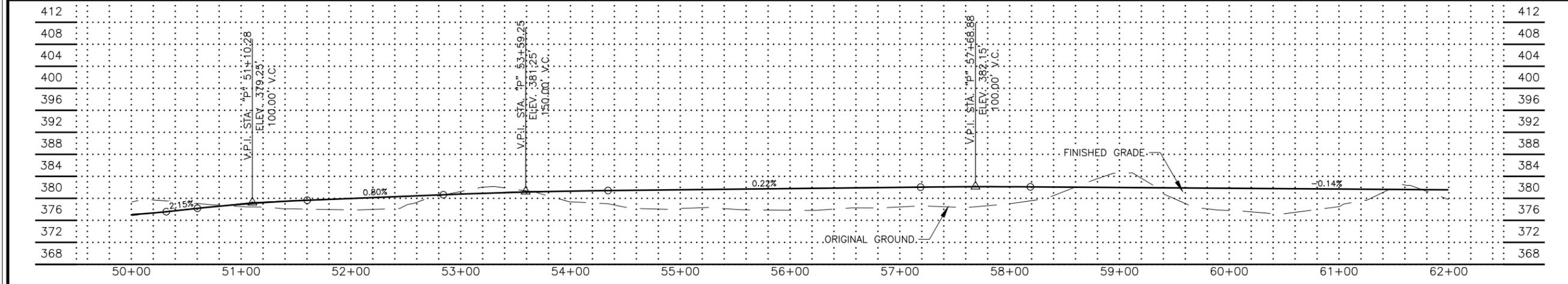
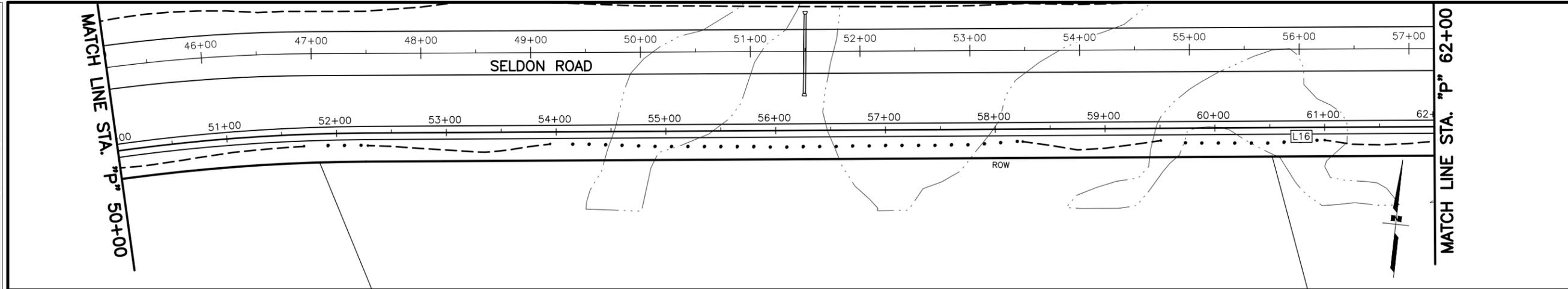
NO.	REVISION



PLANS DEVELOPED BY:  
STANTEC CONSULTING SERVICES INC.  
3900 C STREET, SUITE 902  
ANCHORAGE, AK 99503  
907-276-4245  
CERTIFICATE OF AUTHORIZATION #126386

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
SELDON RD EXTENSION  
PHASE II  
WINDY BOTTOM/BEVERLY LAKES RD  
TO PITTMAN RD (MSB)

**PATHWAY  
PLAN AND PROFILE**



MLH  
SMK  
MTH

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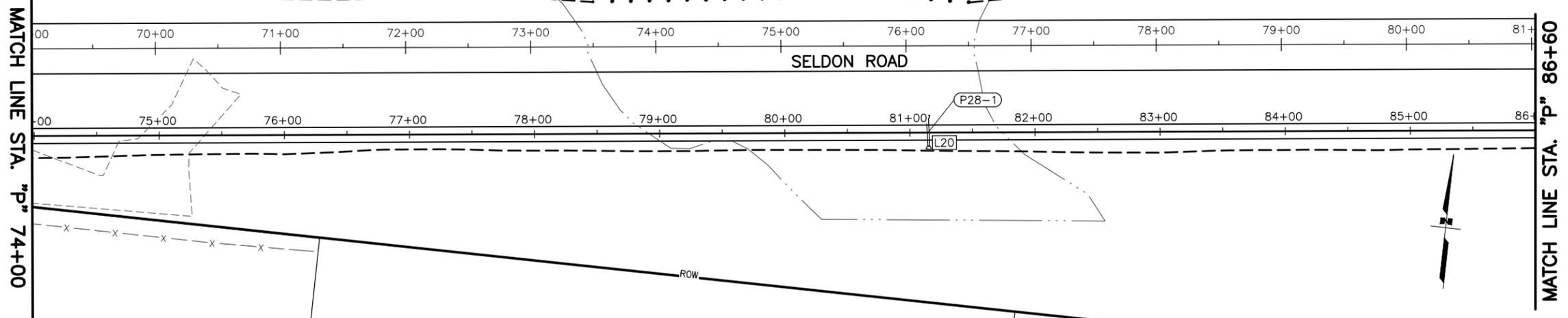
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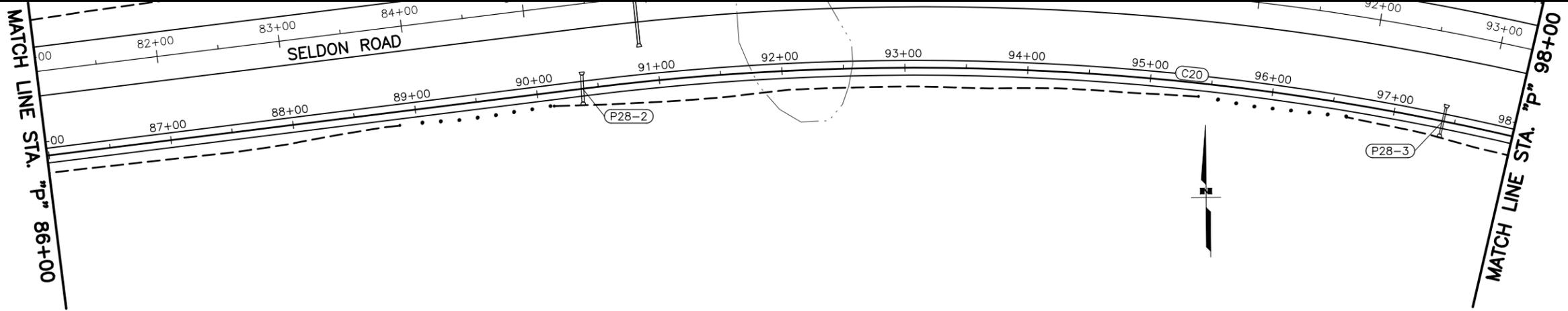
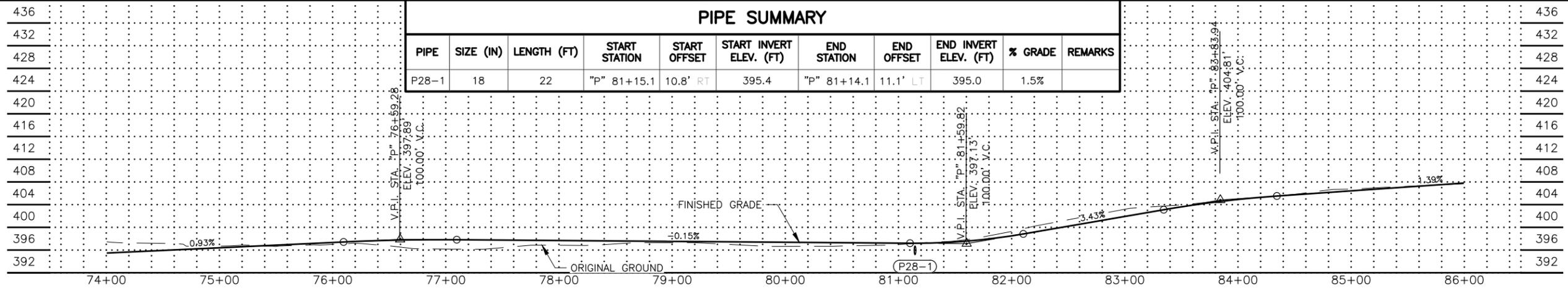
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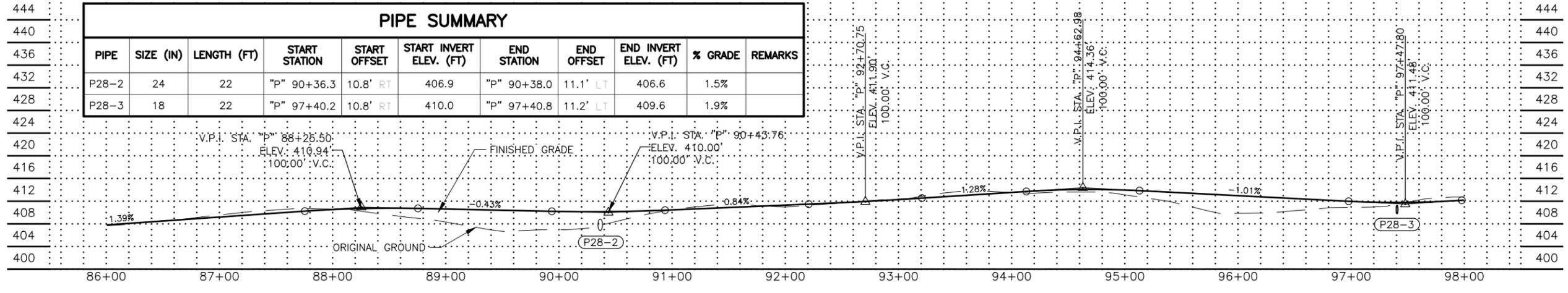
SHEET NO.	TOTAL SHEETS
F28	F31
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
001723/ CFHWY00562	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



PIPE SUMMARY										
PIPE	SIZE (IN)	LENGTH (FT)	START STATION	START OFFSET	START INVERT ELEV. (FT)	END STATION	END OFFSET	END INVERT ELEV. (FT)	% GRADE	REMARKS
P28-1	18	22	"P" 81+15.1	10.8' RT	395.4	"P" 81+14.1	11.1' LT	395.0	1.5%	



PIPE SUMMARY										
PIPE	SIZE (IN)	LENGTH (FT)	START STATION	START OFFSET	START INVERT ELEV. (FT)	END STATION	END OFFSET	END INVERT ELEV. (FT)	% GRADE	REMARKS
P28-2	24	22	"P" 90+36.3	10.8' RT	406.9	"P" 90+38.0	11.1' LT	406.6	1.5%	
P28-3	18	22	"P" 97+40.2	10.8' RT	410.0	"P" 97+40.8	11.2' LT	409.6	1.9%	



**PRELIMINARY**

STATE OF ALASKA  
48  
STEVEN HARRIS  
REGISTERED PROFESSIONAL ENGINEER  
CE 9203

PLANS DEVELOPED BY:  
STANTEC CONSULTING SERVICES INC.  
3900 C STREET, SUITE 902  
ANCHORAGE, AK 99503  
907-276-4245  
CERTIFICATE OF AUTHORIZATION #126386

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
SELDON RD EXTENSION  
PHASE II  
WINDY BOTTOM/BEVERLY LAKES RD  
TO PITTMAN RD (MSB)

PATHWAY  
PLAN AND PROFILE

MLH  
DESIGNED BY  
SMK  
CHECKED BY  
MTH  
DRAFTED BY

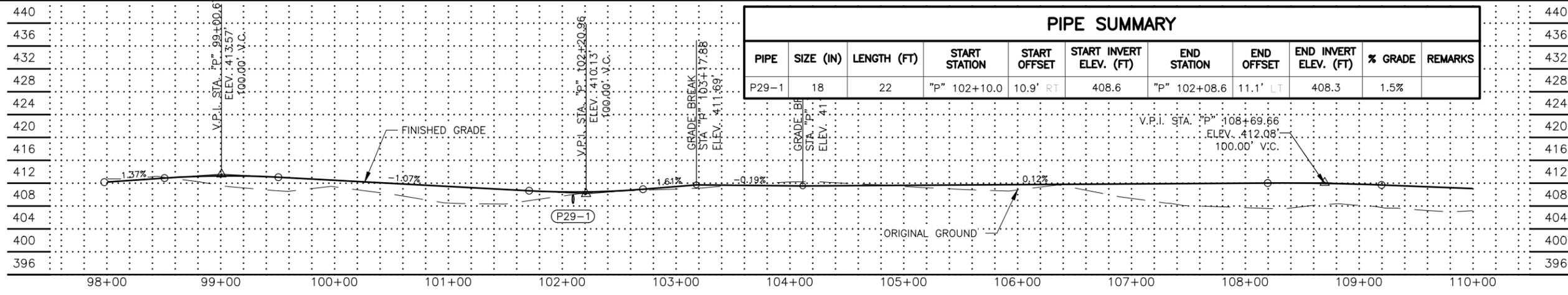
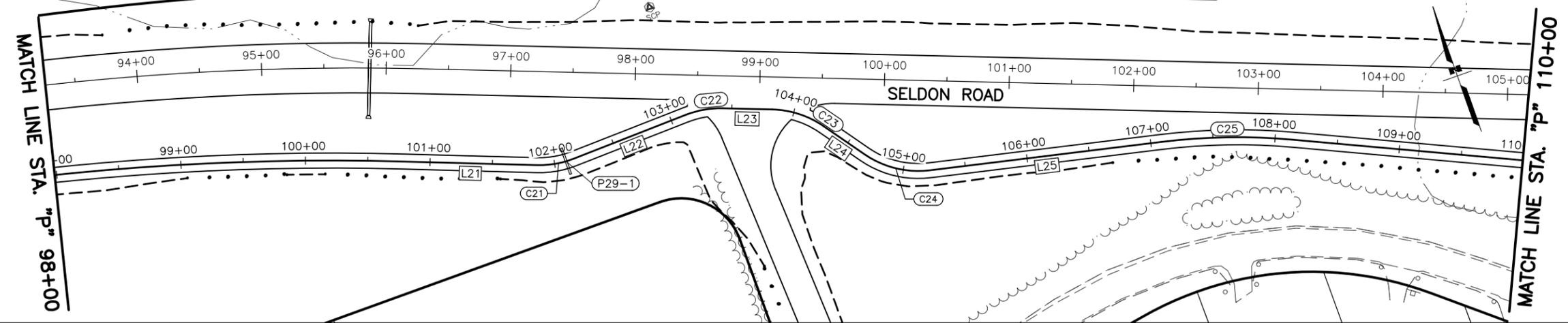
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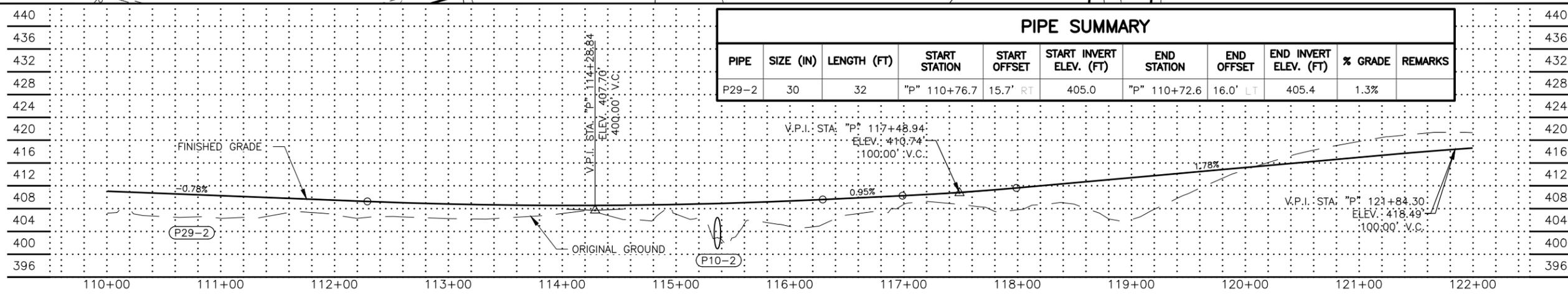
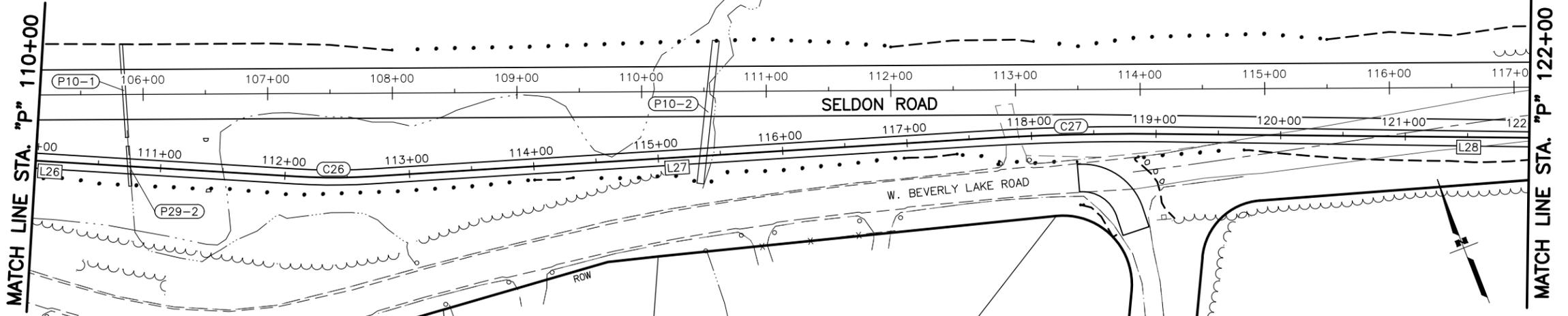
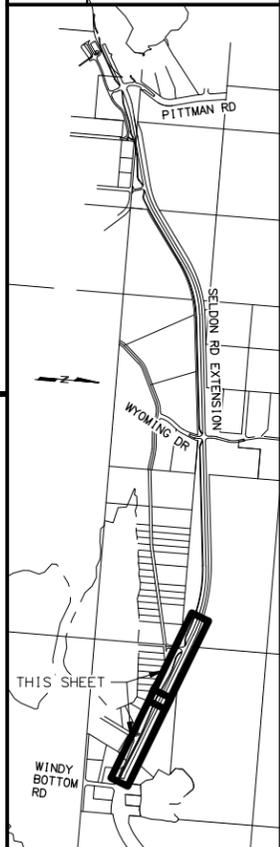
SHEET NO.	TOTAL SHEETS
F29	F31
STATE	YEAR
ALASKA	2025

PROJECT DESIGNATION  
**001723/  
CFHWY00562**

NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



PIPE	SIZE (IN)	LENGTH (FT)	START STATION	START OFFSET	START INVERT ELEV. (FT)	END STATION	END OFFSET	END INVERT ELEV. (FT)	% GRADE	REMARKS
P29-1	18	22	"P" 102+10.0	10.9' RT	408.6	"P" 102+08.6	11.1' LT	408.3	1.5%	



PIPE	SIZE (IN)	LENGTH (FT)	START STATION	START OFFSET	START INVERT ELEV. (FT)	END STATION	END OFFSET	END INVERT ELEV. (FT)	% GRADE	REMARKS
P29-2	30	32	"P" 110+76.7	15.7' RT	405.0	"P" 110+72.6	16.0' LT	405.4	1.3%	

**PRELIMINARY**

STATE OF ALASKA  
48  
STEVEN HARRI  
CE 9203  
REGISTERED PROFESSIONAL ENGINEER

PLANS DEVELOPED BY:  
STANTEC CONSULTING SERVICES INC.  
3900 C STREET, SUITE 902  
ANCHORAGE, AK 99503  
907-278-4245  
CERTIFICATE OF AUTHORIZATION #126386

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
SELDON RD EXTENSION  
PHASE II  
WINDY BOTTOM/BEVERLY LAKES RD  
TO PITTMAN RD (MSB)

**PATHWAY  
PLAN AND PROFILE**

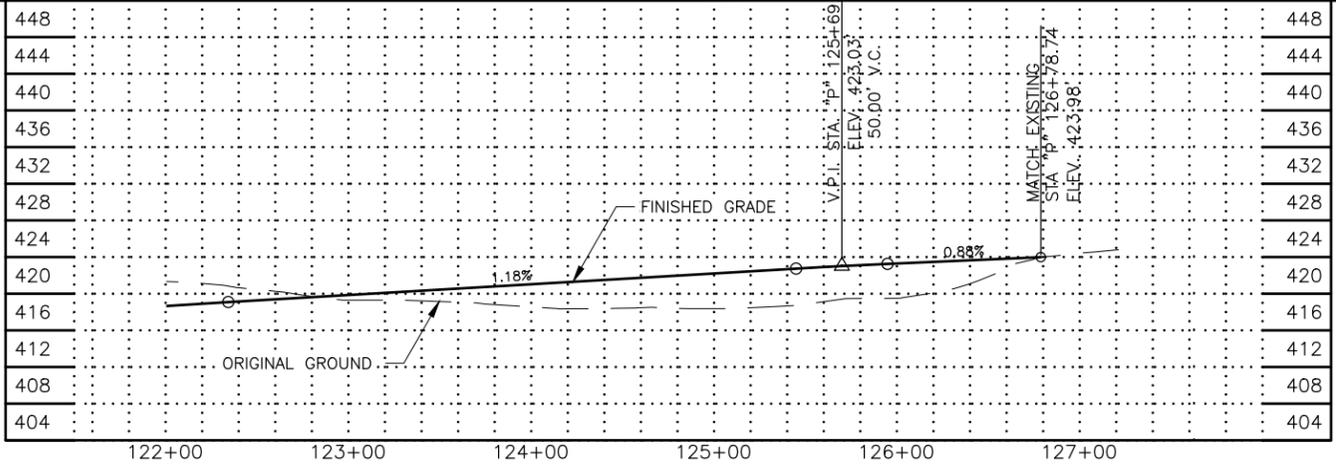
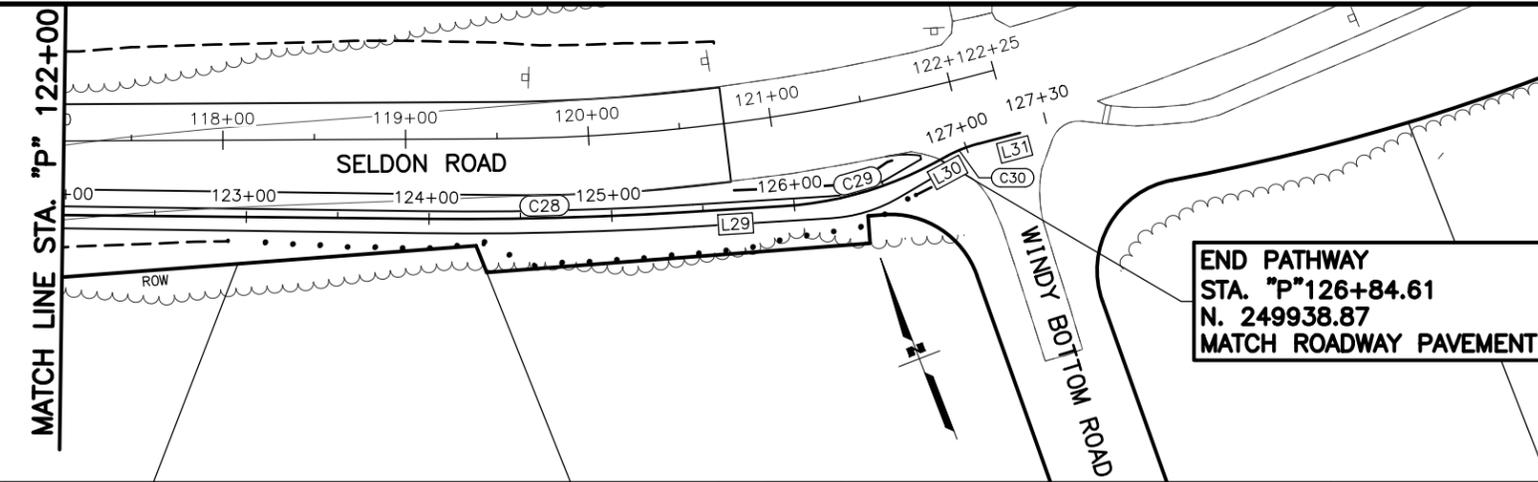
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SMK  
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DESIGNED BY  
CHECKED BY  
DRAFTED BY

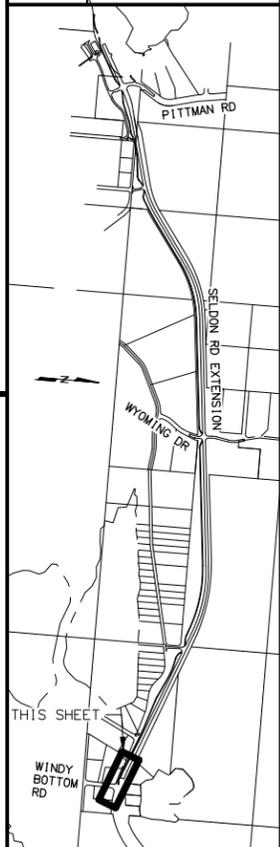
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SHEET NO.	TOTAL SHEETS
F30	F31
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
001723/ CFHWY00562	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



**PRELIMINARY**

STATE OF ALASKA  
48  
STEVEN HARRI  
REGISTERED PROFESSIONAL ENGINEER  
CE 9203

PLANS DEVELOPED BY:  
STANTEC CONSULTING SERVICES INC.  
3900 C STREET, SUITE 902  
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CERTIFICATE OF AUTHORIZATION #126386

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
SELDON RD EXTENSION  
PHASE II  
WINDY BOTTOM/BEVERLY LAKES RD  
TO PITTMAN RD (MSB)

PATHWAY  
PLAN AND PROFILE

DRAWING LOCATION U:\2047079800\DRAWING\SHEETS\01723\_F26-F32\_PATHWAY\_PNP.DWG  
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 DESIGNED BY MLH  
 CHECKED BY SMK  
 DRAFTED BY MTH

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001723/CFHWY00562	2025	F31	F31

TANGENT TABLE				
LINE #	START STATION	BEARING	LENGTH	END STATION
L1	"P"5+00.47	N68° 59' 48.06"E	108.68'	"P"6+09.15
L2	"P"6+21.20	N78° 04' 52.03"E	111.34'	"P"7+32.53
L3	"P"7+55.41	N60° 49' 55.50"E	570.00'	"P"13+25.41
L4	"P"13+46.62	N44° 50' 21.24"E	87.91'	"P"14+34.53
L5	"P"14+55.55	N60° 41' 18.80"E	35.92'	"P"14+91.47
L6	"P"15+18.01	N80° 41' 44.08"E	150.93'	"P"16+68.94
L7	"P"16+83.06	N70° 02' 58.55"E	486.25'	"P"21+69.31
L8	"P"21+90.71	N61° 52' 32.99"E	63.29'	"P"22+53.99
L9	"P"23+83.80	N75° 51' 22.53"E	151.58'	"P"25+35.38
L10	"P"25+81.77	N80° 01' 56.95"E	288.65'	"P"28+70.42
L11	"P"29+02.21	N56° 03' 56.85"E	116.02'	"P"30+18.23
L12	"P"30+36.85	N70° 06' 05.78"E	23.79'	"P"30+60.63
L13	"P"30+92.95	S85° 32' 17.13"E	80.22'	"P"31+73.17
L14	"P"32+21.60	N57° 56' 48.02"E	174.02'	"P"33+95.62
L15	"P"35+95.62	N53° 52' 01.85"E	755.84'	"P"43+51.46
L16	"P"52+24.89	N83° 19' 19.48"E	1707.92'	"P"69+32.81
L17	"P"69+77.83	N49° 23' 04.58"E	32.09'	"P"70+09.92
L18	"P"70+55.05	N83° 24' 21.54"E	30.14'	"P"70+85.19
L19	"P"71+22.03	S68° 49' 31.17"E	55.76'	"P"71+77.79
L20	"P"72+14.66	N83° 22' 46.12"E	1825.78'	"P"90+40.44
L21	"P"100+79.36	S68° 56' 02.50"E	106.25'	"P"101+85.62
L22	"P"102+15.98	N88° 10' 42.44"E	96.63'	"P"103+12.61
L23	"P"103+42.69	S69° 08' 42.42"E	39.72'	"P"103+82.41
L24	"P"104+26.29	S36° 03' 56.31"E	40.10'	"P"104+66.39
L25	"P"105+21.29	S77° 26' 58.56"E	187.89'	"P"107+09.17
L26	"P"108+14.40	S65° 23' 29.40"E	394.13'	"P"112+08.53
L27	"P"112+69.54	S72° 22' 58.29"E	490.41'	"P"117+59.95
L28	"P"119+03.94	S68° 15' 29.09"E	493.93'	"P"123+97.87
L29	"P"125+40.89	S72° 21' 19.19"E	52.94'	"P"125+93.83
L30	"P"126+80.42	N82° 50' 19.13"E	8.19'	"P"126+88.60
L31	"P"127+06.74	S83° 29' 22.16"E	23.72'	"P"127+30.46
L32	"P"10+00.00	S28° 07' 27.01"E	3.81'	"P"10+03.81
L33	"P"10+39.00	S29° 28' 44.08"W	74.95'	"P"11+13.95

CURVE TABLE					
CURVE #	START STATION	RADIUS	DELTA	LENGTH	END STATION
C1	"P"6+09.15	76.00'	9°05'03.97"	12.05'	"P"6+21.20
C2	"P"7+32.53	76.00'	17°14'56.53"	22.88'	"P"7+55.41
C3	"P"13+25.41	76.00'	15°59'34.26"	21.21'	"P"13+46.62
C4	"P"14+34.53	76.00'	15°50'57.56"	21.02'	"P"14+55.55
C5	"P"14+91.47	76.00'	20°00'25.28"	26.54'	"P"15+18.01
C6	"P"16+68.94	76.00'	10°38'45.53"	14.12'	"P"16+83.06
C7	"P"21+69.31	150.00'	8°10'25.56"	21.40'	"P"21+90.71
C8	"P"22+53.99	532.00'	13°58'49.54"	129.81'	"P"23+83.80
C9	"P"25+35.38	636.44'	4°10'34.43"	46.39'	"P"25+81.77
C10	"P"28+70.42	76.00'	23°58'00.10"	31.79'	"P"29+02.21
C11	"P"30+18.23	76.00'	14°02'08.93"	18.62'	"P"30+36.85
C12	"P"30+60.63	76.00'	24°21'37.09"	32.31'	"P"30+92.95
C13	"P"31+73.17	76.00'	36°30'54.85"	48.44'	"P"32+21.60
C14	"P"33+95.62	2808.97'	4°04'46.17"	200.00'	"P"35+95.62
C15	"P"43+51.46	1699.00'	29°27'17.62"	873.43'	"P"52+24.89
C16	"P"69+32.81	76.00'	33°56'14.90"	45.02'	"P"69+77.83
C17	"P"70+09.92	76.00'	34°01'16.96"	45.13'	"P"70+55.05
C18	"P"70+85.19	76.00'	27°46'07.29"	36.83'	"P"71+22.03
C19	"P"71+77.79	76.00'	27°47'42.71"	36.87'	"P"72+14.66
C20	"P"90+40.44	2150.00'	27°41'11.38"	1038.92'	"P"100+79.36
C21	"P"101+85.62	76.00'	22°53'15.06"	30.36'	"P"102+15.98
C22	"P"103+12.61	76.00'	22°40'35.14"	30.08'	"P"103+42.69
C23	"P"103+82.41	76.00'	33°04'46.11"	43.88'	"P"104+26.29
C24	"P"104+66.39	76.00'	41°23'02.25"	54.89'	"P"105+21.29
C25	"P"107+09.17	500.00'	12°03'29.16"	105.23'	"P"108+14.40
C26	"P"112+08.53	500.00'	6°59'28.89"	61.01'	"P"112+69.54
C27	"P"117+59.95	2000.00'	4°07'29.20"	143.98'	"P"119+03.94
C28	"P"123+97.87	2000.00'	4°05'50.10"	143.02'	"P"125+40.89
C29	"P"125+93.83	200.00'	24°48'21.68"	86.59'	"P"126+80.42
C30	"P"126+88.60	76.00'	13°40'18.71"	18.14'	"P"127+06.74
C31	"P"10+03.81	35.00'	57°36'11.09"	35.19'	"P"10+39.00



PLANS DEVELOPED BY:  
 STANTEC CONSULTING SERVICES INC.  
 3900 C STREET, SUITE 902  
 ANCHORAGE, AK 99503  
 907-276-4245  
 CERTIFICATE OF AUTHORIZATION #126386

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**SELDON ROAD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)  
 PATHWAY  
 LINE AND CURVE TABLES**

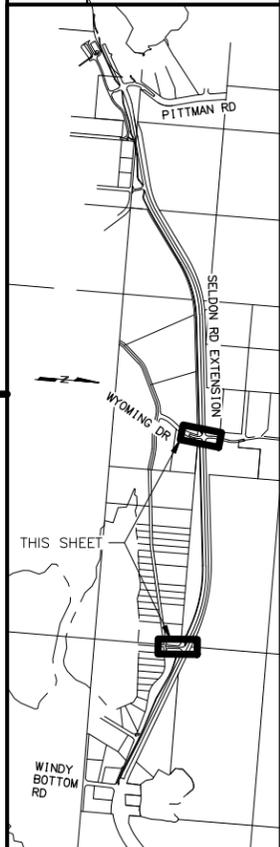


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 CHECKED BY  
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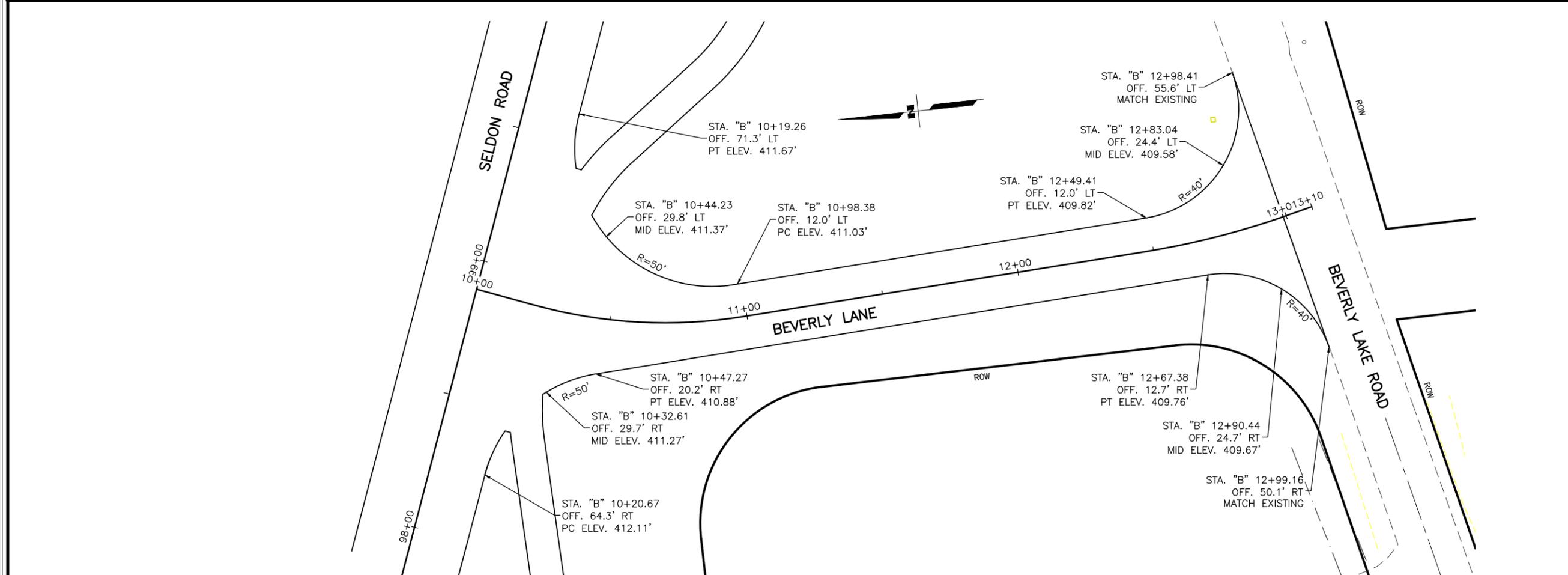
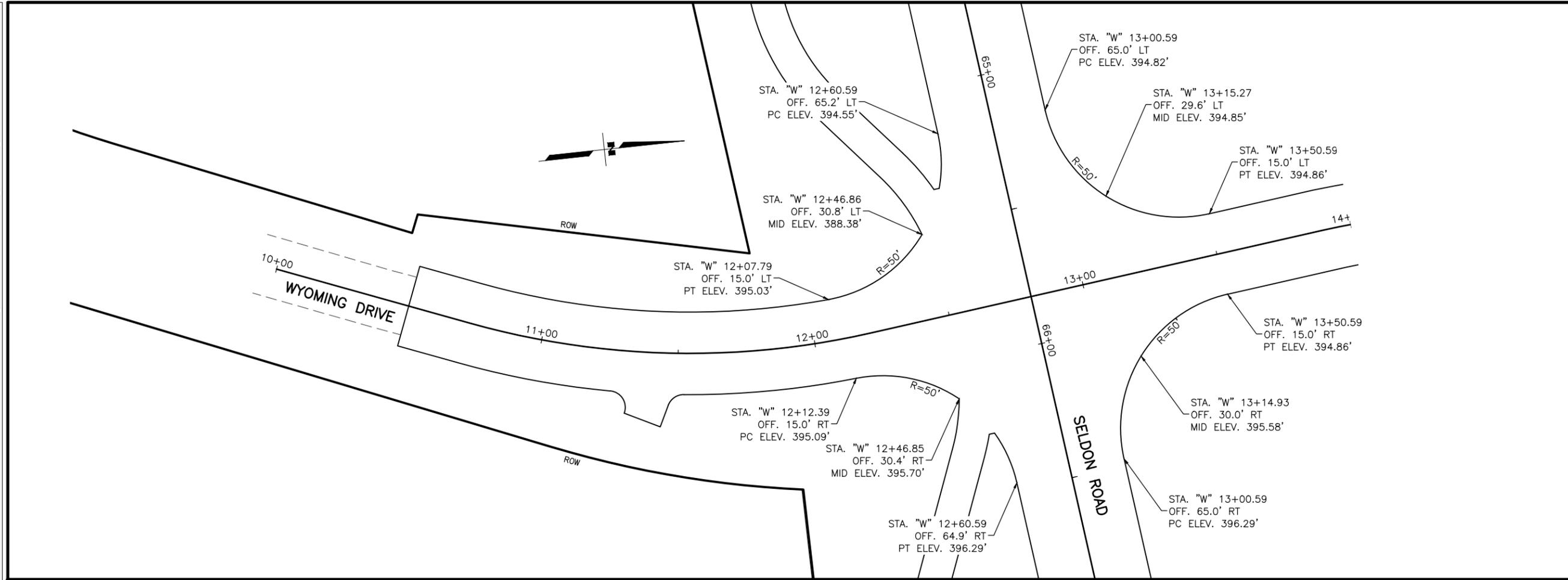
SHEET NO.	TOTAL SHEETS
G2	G3
STATE	YEAR
ALASKA	2025

PROJECT DESIGNATION  
**001723/  
 CFHWY00562**

NO.	REVISION



PLANS DEVELOPED BY:  
 STANTEC CONSULTING SERVICES INC.  
 3900 C STREET, SUITE 902  
 ANCHORAGE, AK 99503  
 907-276-4245  
 CERTIFICATE OF AUTHORIZATION #126386  
 STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 SELDON RD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)  
**WYOMING DRIVE,  
 BEVERLY LANE  
 GRADING**



MLH  
SMK  
MTH

DESIGNED BY  
CHECKED BY  
DRAFTED BY

SCALE  
1" = 20'

DATE  
6/18/2025 11:41 AM

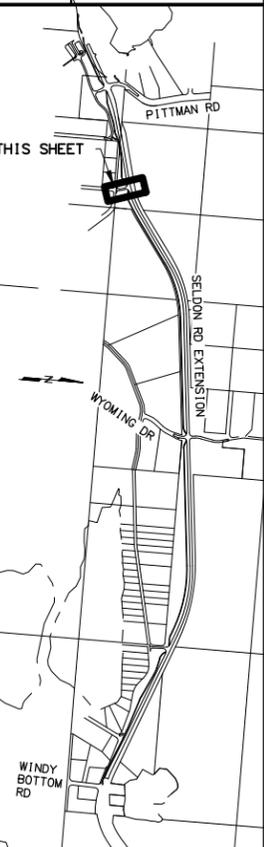
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TOTAL SHEETS G3

STATE ALASKA  
YEAR 2025

PROJECT DESIGNATION  
001723/  
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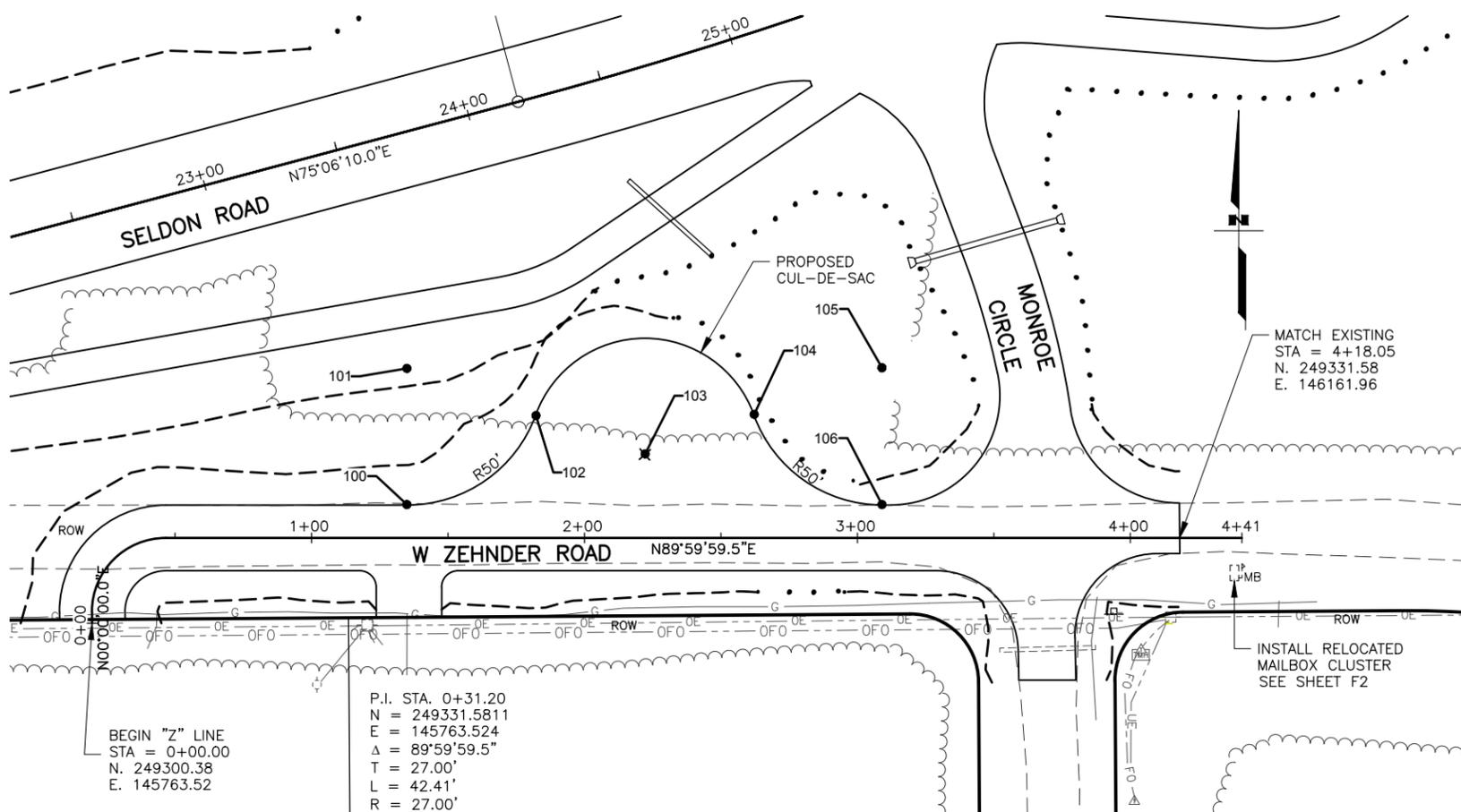
NO.	REVISION



PLANS DEVELOPED BY:  
STANTEC CONSULTING SERVICES INC.  
3900 C STREET, SUITE 902  
ANCHORAGE, AK 99503  
907-276-4245  
CERTIFICATE OF AUTHORIZATION #126386

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
SELDON RD EXTENSION  
PHASE II  
WINDY BOTTOM/BEVERLY LAKES RD  
TO PITTMAN RD (MSB)

ZEHNDER ROAD  
CUL-DE-SAC  
GRADING PLAN



BEGIN "Z" LINE  
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N. 249300.38  
E. 145763.52

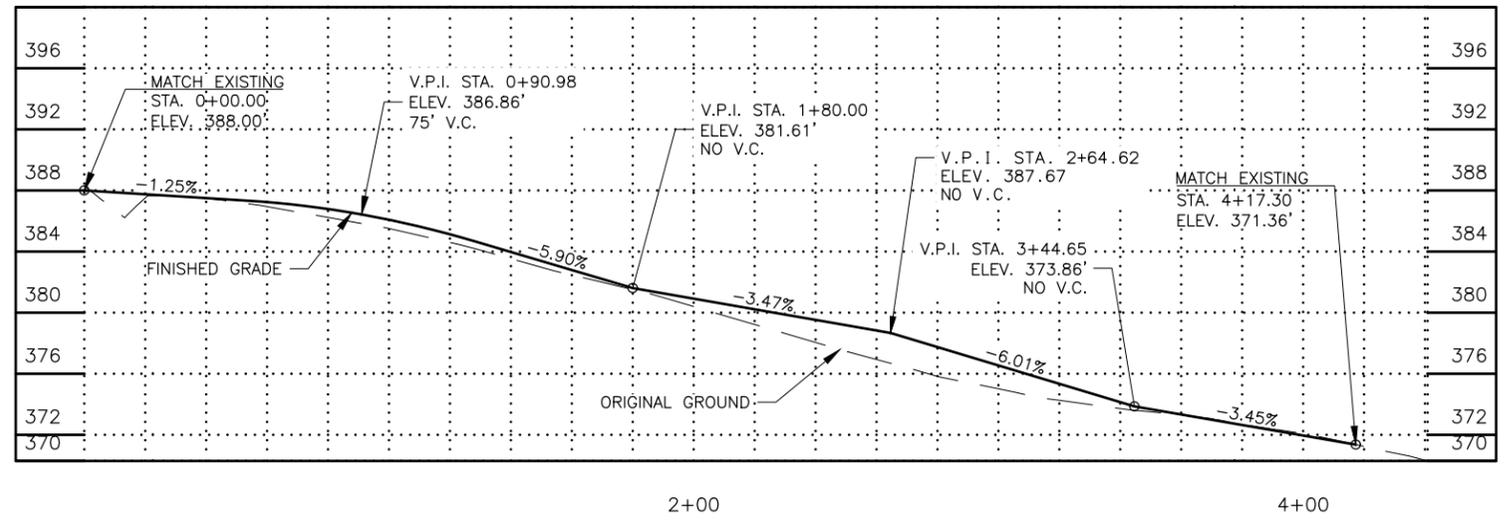
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E = 145763.524  
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T = 27.00'  
L = 42.41'  
R = 27.00'

MATCH EXISTING  
STA = 4+18.05  
N. 249331.58  
E. 146161.96

INSTALL RELOCATED  
MAILBOX CLUSTER  
SEE SHEET F2

ZEHNDER ROAD PLAN

POINT #	STATION	OFFSET (FT)	REMARKS	ELEV (FT)
100	"Z" 1+35.15	12.00L	PC	384.00
101	"Z" 1+35.15	62.00L	RP	
102	"Z" 1+82.16	44.97L	PRC	380.62
103	"Z" 2+22.12	30.50L	RP	379.53
104	"Z" 2+62.08	44.97L	PRC	377.86
105	"Z" 3+09.10	62.00L	RP	
106	"Z" 3+09.10	12.00L	PT	375.76

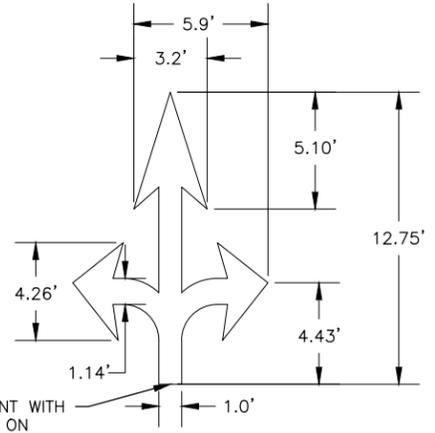


ZEHNDER ROAD PROFILE

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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001723/CFHWY00562	2025	H1	H23

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 DESIGNED BY MLH  
 CHECKED BY SMK  
 DRAFTED BY MTH  
 SCALE  
 DATE 6/18/2025  
 TIME



MATCH THIS POINT WITH STATION SHOWN ON PLANS  
**LEFT/THRU/RIGHT ARROW DETAIL**

**SIGNING & STRIPING NOTES:**

- ALL STATION LOCATIONS FOR SIGN INSTALLATION ARE APPROXIMATE. INSTALL SIGNS AT LOCATIONS AS DIRECTED BY THE ENGINEER.
- USE THE FOLLOWING DEFINITIONS TO DECIPHER THE ABBREVIATED SIGN POST TYPES IN THE SIGN SUMMARY SHEETS.
  - A. PT MEANS A PERFORATED STEEL TUBE.
  - B. T MEANS A SQUARE STEEL TUBE.
  - C. P MEANS A ROUND STEEL PIPE.
  - D. W MEANS A WIDE FLANGE BEAM.
  - E. POPL MEANS A POLE PLATE INSTALLED PER ITS ALASKA STANDARD PLAN S-23.
- FABRICATE ALL SIGNS FROM 0.125" THICK ALUMINUM SHEETING, UNLESS STATED ELSEWHERE.
- FOR SIGNS SUPPORTED BY MULTIPLE POSTS, FABRICATE THE POSTS WITH THEIR TOPS LEVEL WITH ONE ANOTHER.
- FOR PERFORATED STEEL TUBE SIGNPOSTS, INSTALL THE CONCRETE FOUNDATION OPTION SHOWN ON ALASKA STANDARD PLAN S-30. TRIM EACH PT POST TO LIMIT THE LENGTH INSERTED INTO THE FOUNDATION TO 12 INCHES.
- FABRICATE GUIDE SIGNS ACCORDING TO THE SHOP DRAWINGS INCLUDED IN THE APPENDICES OF PART 4, CONTRACT PROVISIONS AND SPECIAL PROVISIONS. TRIM THE CORNERS OF ALL SIGNS TO THE RADIUS SHOWN ON EACH SHOP DRAWING.
- ERECT NEW SIGNS BEFORE REMOVAL OF EXISTING SIGNS WITH SIMILAR MESSAGE. NOTIFY THE ENGINEER A MINIMUM OF 14 DAYS PRIOR TO BEGINNING SIGN REMOVAL AND SALVAGE OR DISPOSAL ACTIVITIES.
- FOR SIGNS SUPPORTED BY MULTIPLE TUBES OR PIPES, LOCATE THE OUTER POSTS ON MAXIMUM SIX FEET CENTERS. INSTALL ADJACENT WIDE FLANGE POSTS ON MINIMUM EIGHT FEET CENTERS.
- SELECTIVE AND HAND CLEARING SHALL BE PERFORMED AT THE DISCRETION OF THE ENGINEER, IN ACCORDANCE WITH SECTION 201, UPSTREAM OF ALL SIGN INSTALLATION LOCATIONS TO ACHIEVE MINIMUM SIGN VISIBILITY REQUIREMENTS. IF NOT INCLUDED AS A SEPARATE ITEM, THIS WORK SHALL BE SUBSIDIARY TO THE SIGN INSTALLATION ITEMS AND WORK.
- FOR ALL FINAL SELDON RD PITTMAN RD PAVEMENT MARKINGS USE METHYLMETHACRYLATE MATERIALS.
  - i. STRIPING SHALL BE SURFACE APPLIED TO YIELD A THICKNESS OF 60 MILS WITH THE EXCEPTION OF TRANSVERSE LINES, SYMBOLS, AND GORE STRIPES WHICH SHALL BE INLAID TO A DEPTH OF 250 MILS.
  - ii. ALL SIDESTREET STOP BARS SHALL BE SURFACE APPLIED TO YIELD A THICKNESS OF 60 MILS.
- ALL SIDEROADS AND STOP BARS NOT ABUTTING SELDON ROAD SHALL BE PAINTED TRAFFIC MARKINGS, 16-20 MILS THICK.
- DIMENSIONS REFER TO THE CENTER OF STRIPE AND THE EDGE OF PAVEMENT OR FACE OF CURB WHEN PRESENT.
- IF THE NEW AND EXISTING PAVEMENT MARKINGS ARE NOT ALIGNED AT MATCH LINE, TRANSITION BETWEEN THE TWO USING A 100:1 TAPER ON THE NEW PAVEMENT.
- WHERE NEW STRIPING IS TO EXTEND BEYOND PAVING LIMITS, REMOVE EXISTING STRIPING IN ACCORDANCE WITH SUBSECTION 670-3.04 TO THE EXTENT OF STRIPING LIMITS.

**ABBREVIATIONS**

AWG	AMERICAN WIRE GAUGE	LC	LOAD CENTER
CKT	CIRCUIT	LFMC	LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT
EB	EAST BOUND	LFNC	LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT
FC	FOOTCANDLE	LTG	LIGHTING
FL	FLASHER	NB	NORTH BOUND
GND	GROUND	PE	PHOTOELECTRIC CELL
HDPE	HIGH DENSITY POLYETHYLENE CONDUIT	RMC	RIGID METAL CONDUIT
INTX	INTERSECTION	SB	SOUTH BOUND
INTX L	INTERSECTION LIGHTING	TC	TRAFFIC CONTROLLER
		WB	WEST BOUND

**FOUNDATIONS NOTES:**

- STATION & C.L. REFERENCE ARE TO THE CENTER OF THE STRUCTURE.
- LOCATE J-BOXES SO THAT THEY ARE LOCATED OUT OF THE PATHWAY, SIDEWALK, CURB RAMPS, AND DRAINAGE COLLECTION AREAS.
- INSTALL LOAD CENTER FOUNDATIONS WITHIN 1-DEGREE OF PLUMB.
- INSTALL ANCHOR BOLTS IN CAST FOUNDATIONS TO BE WITHIN 1:48 OF PLUMB.

**LIGHTING SYSTEM NOTES:**

- FURNISH THE LUMINAIRE MASTARM LENGTHS AND DIMENSIONS SPECIFIED ON THE PLANS.
- INSTALL DEVICES SUCH THAT THE DIMENSIONS SHOWN TO THE BOTTOM OF THE DEVICES ON THE POLE ELEVATIONS ARE MINIMUMS.
- INSTALL MAST ARMS PERPENDICULAR TO THE ROADWAY CENTERLINE. ACCEPTABLE VARIANCE IS +/- 1-DEGREE.
- REMOVE ABANDONED OR UNUSED JUNCTION BOXES UNLESS OTHERWISE NOTED.
- EXISTING CIRCUITS LISTED ON THE LOAD CENTER SUMMARY AND PLAN SHEETS WERE OBTAINED FROM AS-BUILT INFORMATION AND MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO WORK INVOLVING THOSE CIRCUITS.
- INSTALL A BARE COPPER GROUND WIRE WITH ALL LIGHTING AND FLASHER CIRCUITS. GROUND WIRE SHALL BE #8 AWG OR THE SAME SIZE AS THE PHASE CONDUCTORS, WHICHEVER IS LARGER.

**CALL BEFORE YOU DIG!**

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

---

ALASKA DIGLINE....907-278-3121 OR 800-478-3121

CALL OR GO TO [WWW.AKONECALL.COM/STATEWIDE.HTM](http://WWW.AKONECALL.COM/STATEWIDE.HTM)  
FOR MEMBER LIST OF WHO WILL BE NOTIFIED



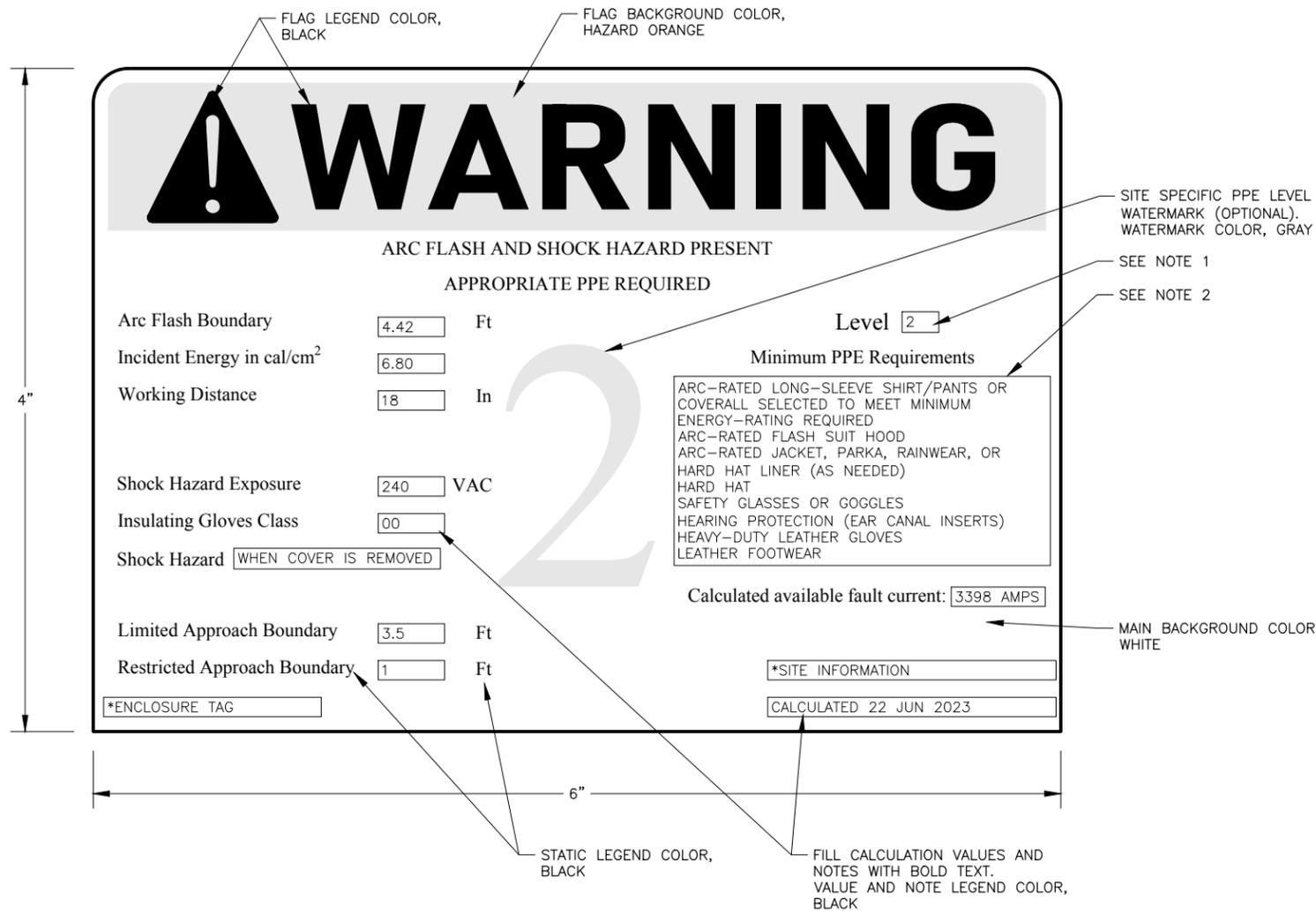
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES

**SELDON ROAD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)  
 TRAFFIC LEGEND AND  
 ABBREVIATIONS**

PLANS DEVELOPED BY:  
 STANTEC CONSULTING SERVICES INC.  
 3900 C STREET, SUITE 902  
 ANCHORAGE, AK 99503  
 907-276-4245  
 CERTIFICATE OF AUTHORIZATION #126386

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001723/CFHWY00562	2025	H2	H23

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 DESIGNED BY: MLH  
 CHECKED BY: SMK  
 DRAFTED BY: MTH  
 DATE: 6/18/2025  
 SCALE: TIME: DATE: 6/18/2025



**NOTES:**

1. APPLICABLE STATE OF ALASKA DOT&PF ELECTRICAL EQUIPMENT MUST BE LABELED WITH DOT&PF-DEFINED SITE-SPECIFIC PPE LEVELS, AS DEFINED IN NFPA 70E 130.5(H)(3)(c). THE LEVELS ARE: LEVEL 1 (0 TO 4 CAL/CM<sup>2</sup>), 2 (4.1 TO 8.0 CAL/CM<sup>2</sup>), 3 (8.1 TO 25.0 CAL/CM<sup>2</sup>), 4 (25.1 TO 39.9 CAL/CM<sup>2</sup>), OR WP (WORK PROHIBITED, FOR EQUIPMENT IN WHICH THE CALCULATED ARC FLASH INCIDENT ENERGY IS ≥ 40 CAL/CM<sup>2</sup>).
2. MINIMUM PPE REQUIREMENTS FOR EACH PPE LEVEL DESCRIBED IN NOTE 1 ARE THE SAME REQUIREMENTS AS DESCRIBED IN NFPA 70E TABLE 130.7(C)(15)(c). THESE PPE REQUIREMENTS ARE TO BE USED AS THE SITE-SPECIFIC PPE LEVELS.
3. CALCULATED VALUES ARE BASED ON THE LOAD CENTER BEING SERVED FROM A 15KVA TRANSFORMER WITH 1.7% IMPEDANCE AND 15FT OF #2 AWG ALUMINUM SERVICE CONDUCTOR. NOTIFY ENGINEER IF FIELD CONDITIONS DIFFER.
4. PROVIDE AN ARC FLASH LABEL FOR EACH LOAD CENTER. LABEL VALUES ARE TYPICAL FOR ALL LOAD CENTERS EXCEPT FOR THOSE MARKED WITH \*, WHICH ARE INDICATED IN THE SUMMARY TABLE.

LOAD CENTER	ENCLOSURE TAG	SITE INFORMATION
LCA	LOAD CENTER A	BEVERLY LANE
LCB	LOAD CENTER B	WYOMING DRIVE
LCC	LOAD CENTER C	MONROE CIRCLE
LC1	LOAD CENTER 1	PITTMAN RD



STATE OF ALASKA  
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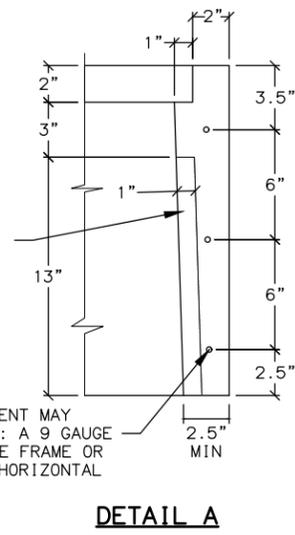
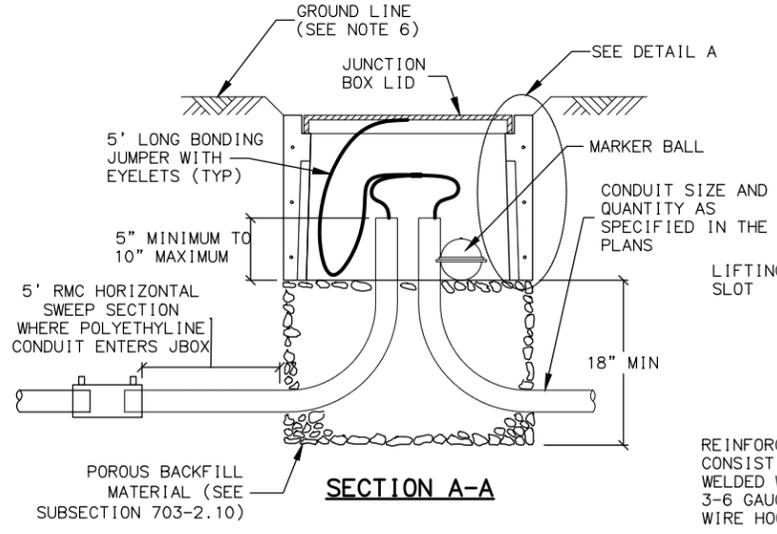
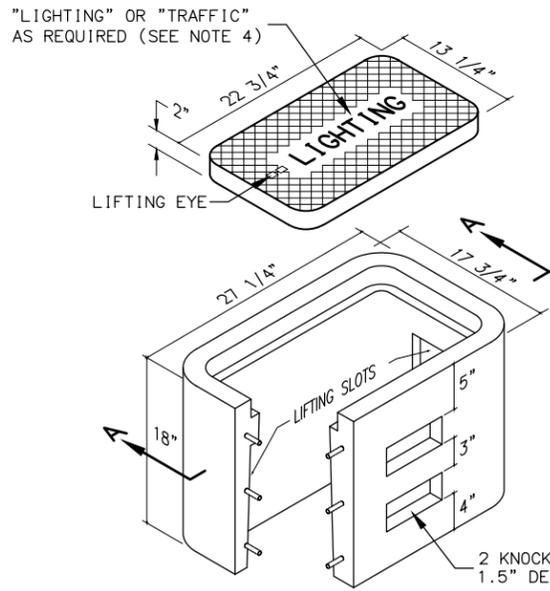
**SELDON ROAD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)  
 ARC FLASH SHOCK HAZARD  
 LABELING**

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6/18/2025

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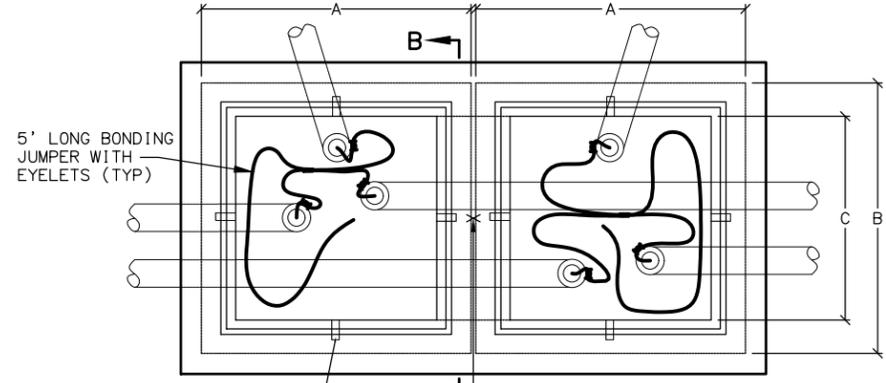
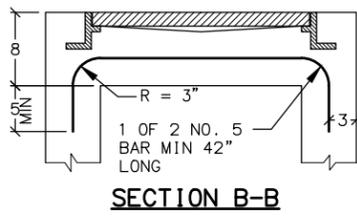
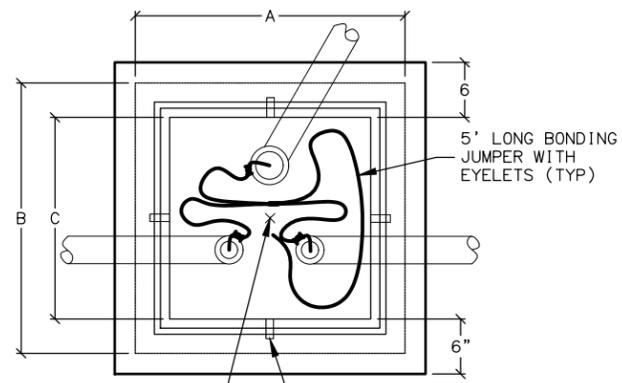
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001723/CFHWY00562	2025	H3	H23



REINFORCEMENT MAY CONSIST OF: A 9 GAUGE WELDED WIRE FRAME OR 3-6 GAUGE HORIZONTAL WIRE HOOPS

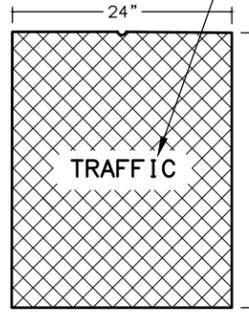
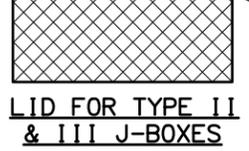
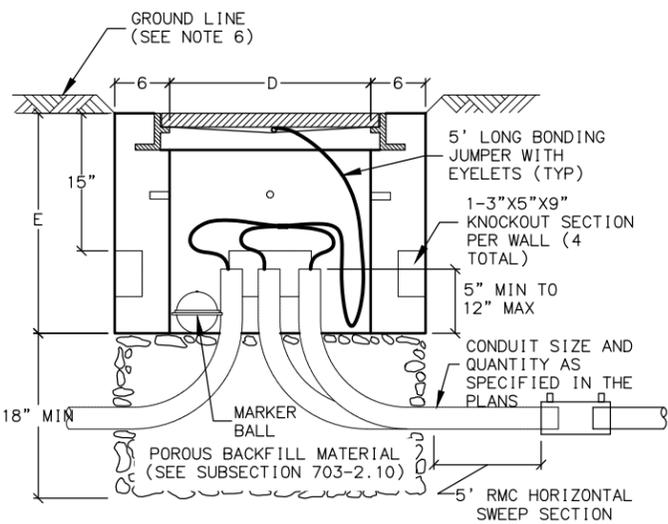
**TYPE IA JUNCTION BOX**

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

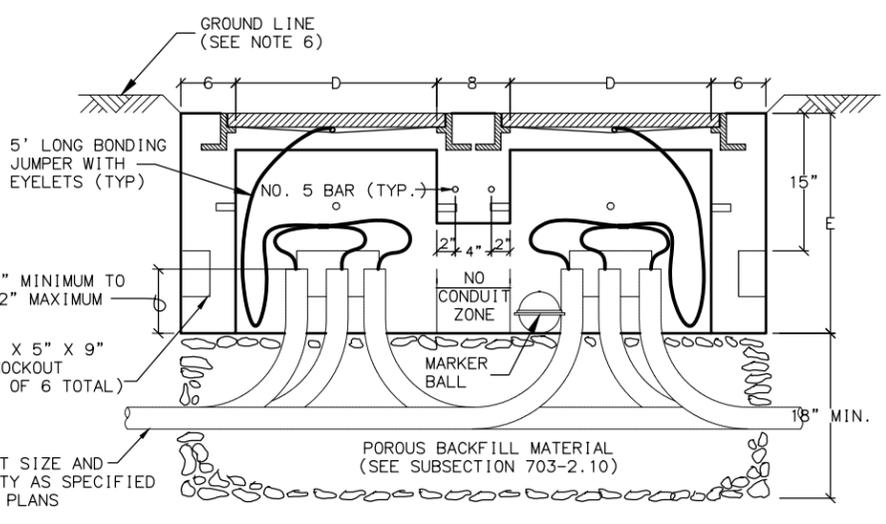


**PLAN**

**PLAN**



"LIGHTING" OR "TRAFFIC" AS REQUIRED (SEE NOTE 4)



**TYPE II JUNCTION BOX ELEVATION**

**TYPE III/IV JUNCTION BOX ELEVATION (TYPE III LAYOUT DEPICTED)**

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



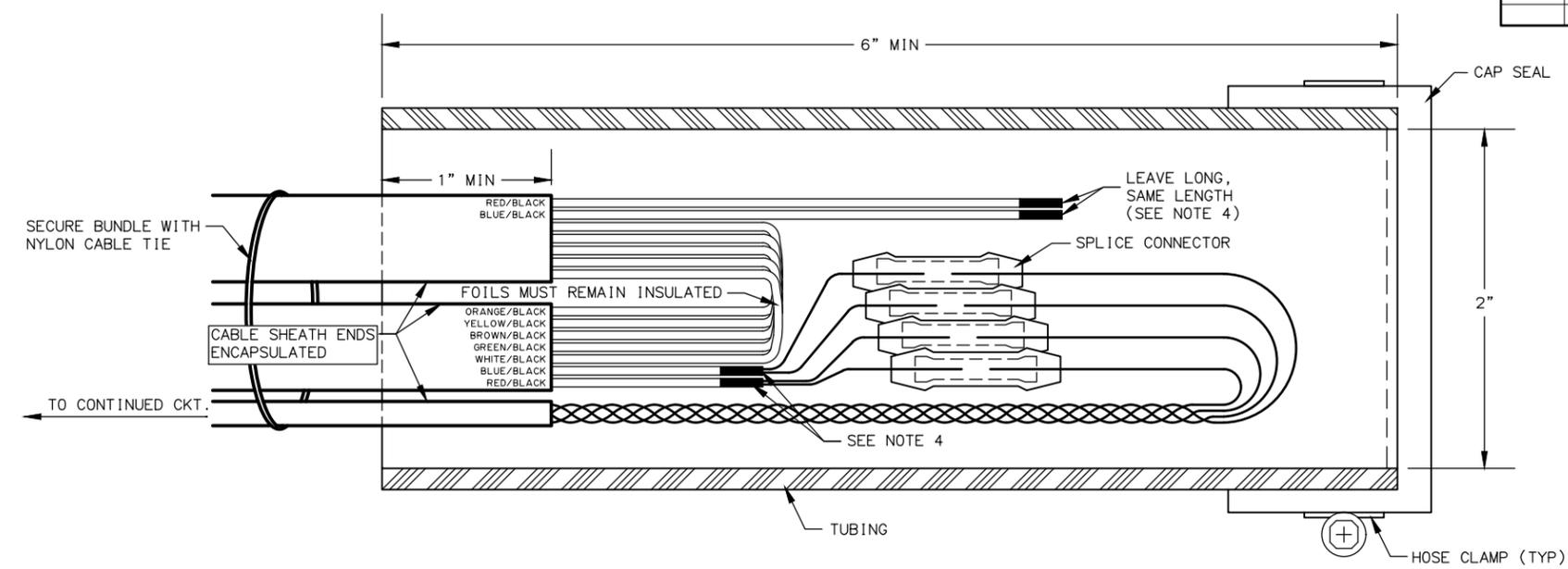
STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES

**SELDON ROAD EXTENSION  
PHASE II  
WINDY BOTTOM/BEVERLY LAKES RD  
TO PITTMAN RD (MSB)  
JUNCTION BOX**

PLANS DEVELOPED BY:  
STANTEC CONSULTING SERVICES INC.  
3900 C STREET, SUITE 902  
ANCHORAGE, AK 99503  
907-276-4245  
CERTIFICATE OF AUTHORIZATION #126386

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001723/CFHWY00562	2025	H4	H23

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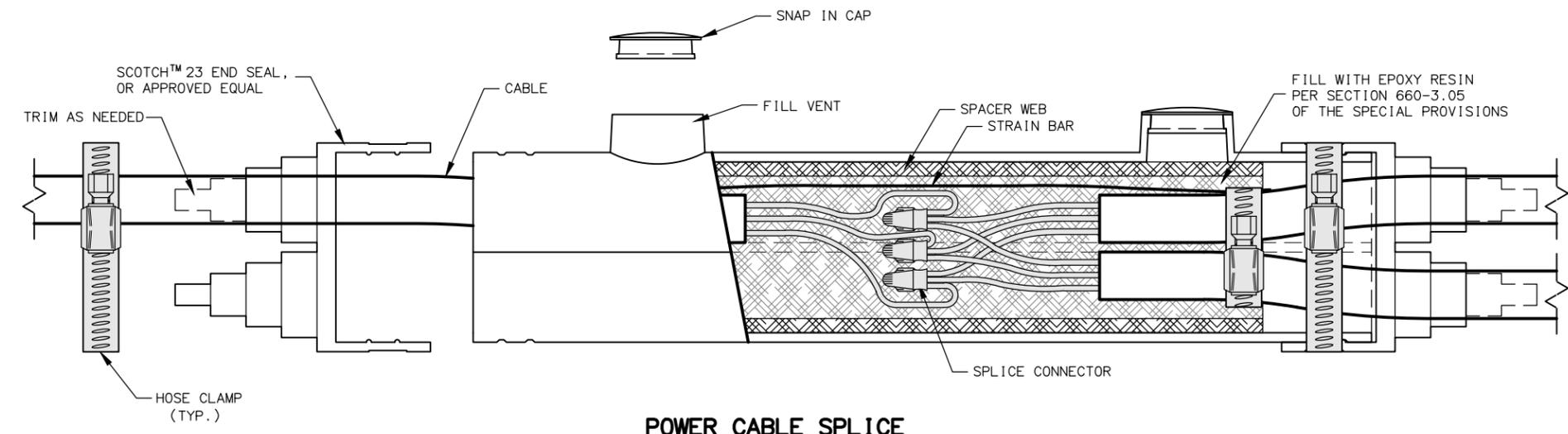
**LOOP LEAD-IN SPLICE**  
NTS

**NOTES:**

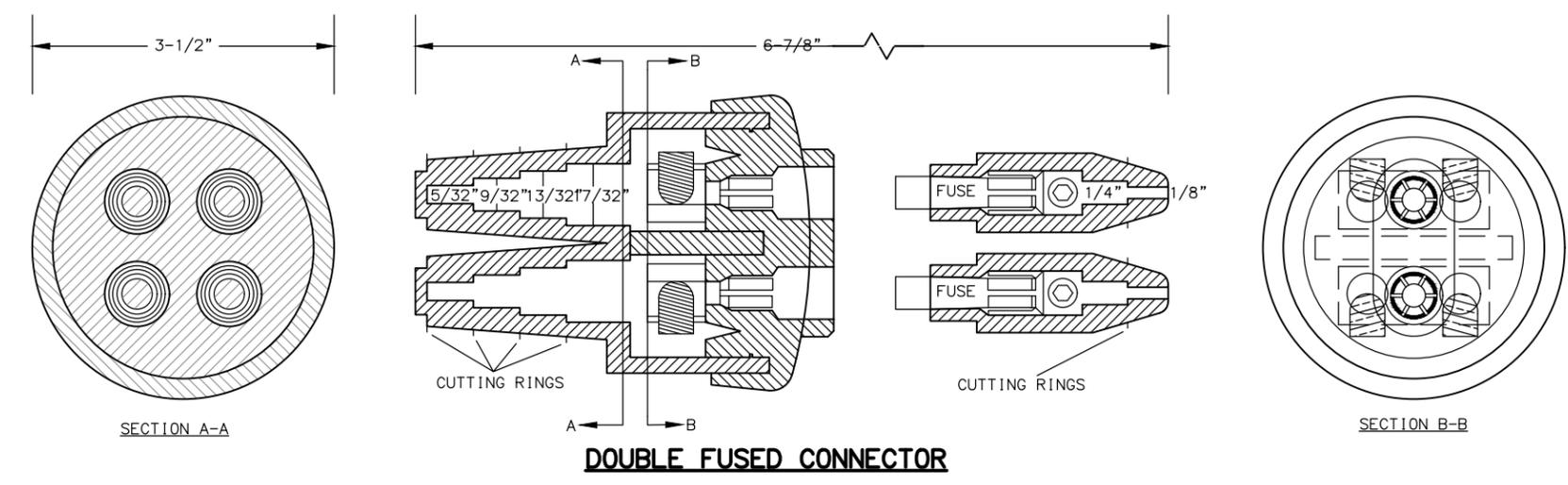
- LOOP LEAD-IN SPLICE**
1. FABRICATE LOOP LEAD-IN SPLICE IN THE FIELD AS SHOWN.
  2. CAP SEAL ONE END AND COMPLETELY FILL OPEN END WITH RE-ENTERABLE ENCAPSULATION COMPOUND TO EDGE OF TUBING.
  3. LEAVE A MINIMUM OF 1/2" CLEARANCE BETWEEN THE ENCLOSURE AND THE SPLICE AT BOTH ENDS OF THE TUBING.
  4. EXPOSE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

**MATERIAL PROPERTIES**

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



**POWER CABLE SPLICE**



**DOUBLE FUSED CONNECTOR**



STATE OF ALASKA  
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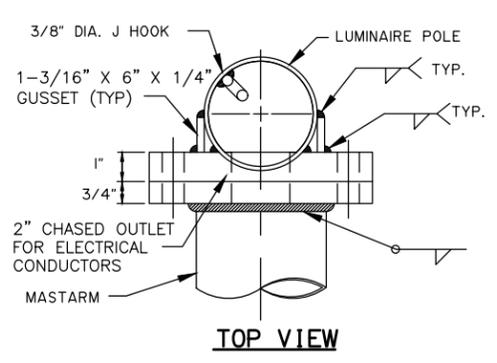
**SELDON ROAD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)**

**SPLICE**

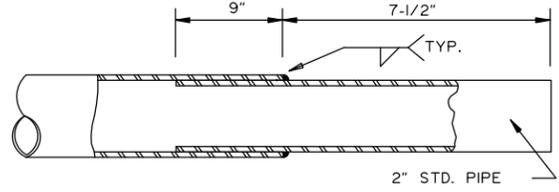
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 3900 C STREET, SUITE 902  
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 907-276-4245  
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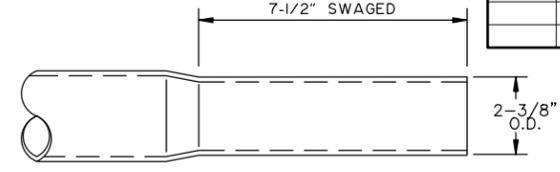
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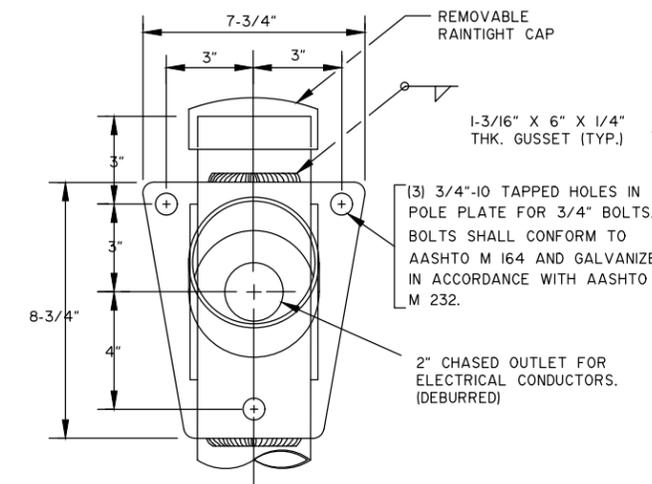


**TENON**

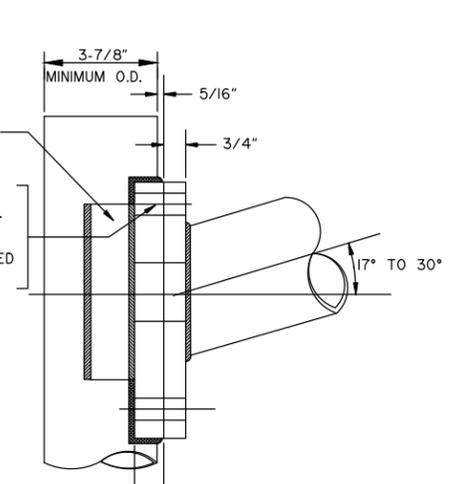


**OPTIONAL SWAGED TENON**

**END OF MASTARM DETAIL**

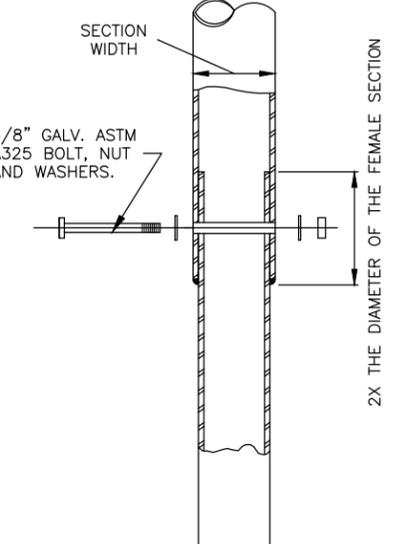


**FRONT VIEW**

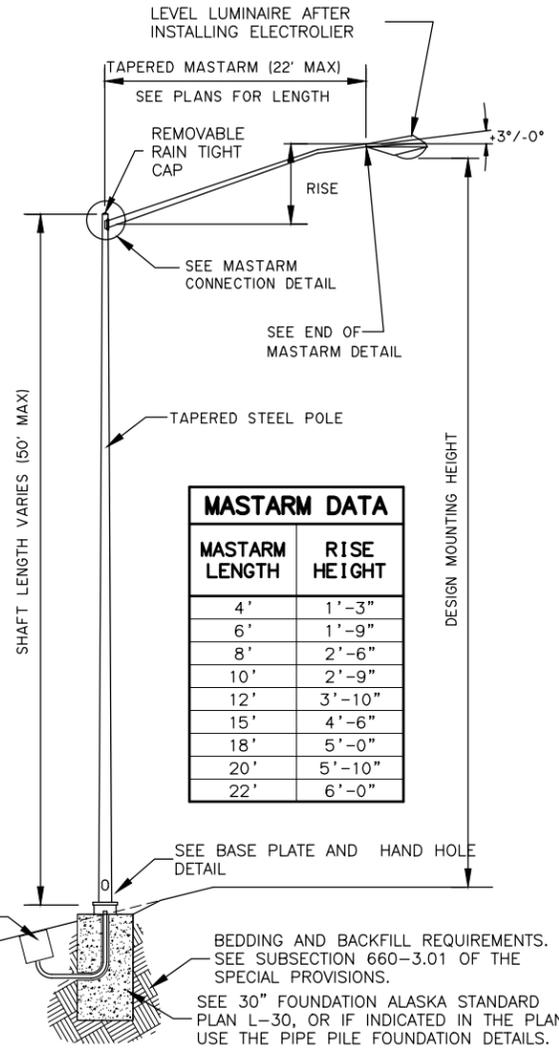


**SIDE VIEW**

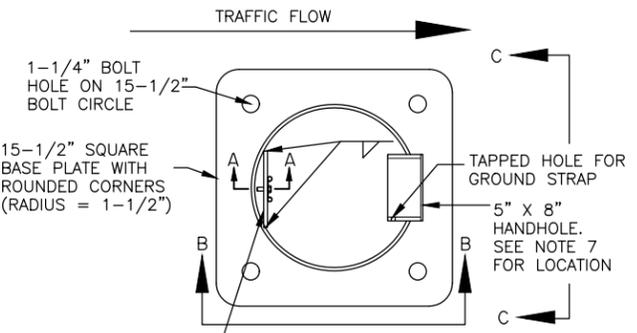
**MASTARM CONNECTION DETAIL**



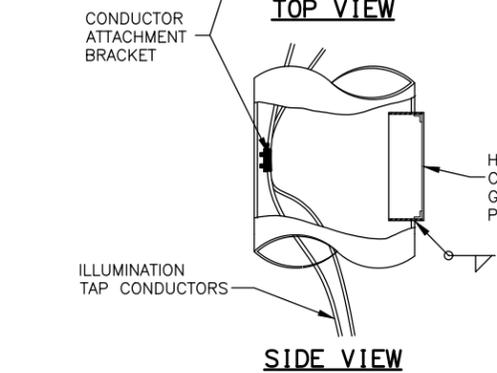
**POLE CONNECTION DETAIL**



MASTARM LENGTH	RISE HEIGHT
4'	1'-3"
6'	1'-9"
8'	2'-6"
10'	2'-9"
12'	3'-10"
15'	4'-6"
18'	5'-0"
20'	5'-10"
22'	6'-0"

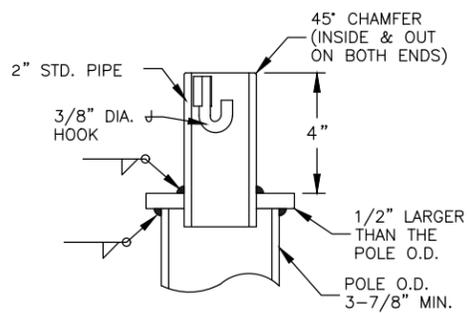


**TOP VIEW**

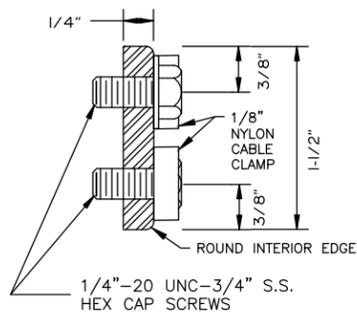


**SIDE VIEW**

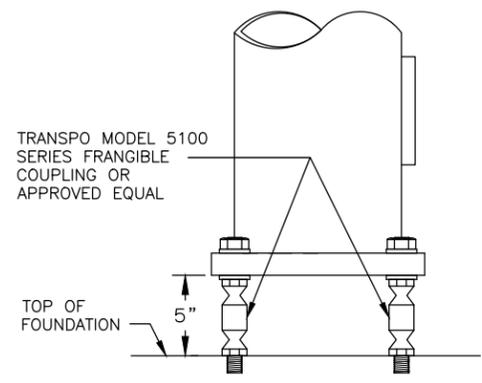
**BASE PLATE AND HAND HOLE DETAIL**



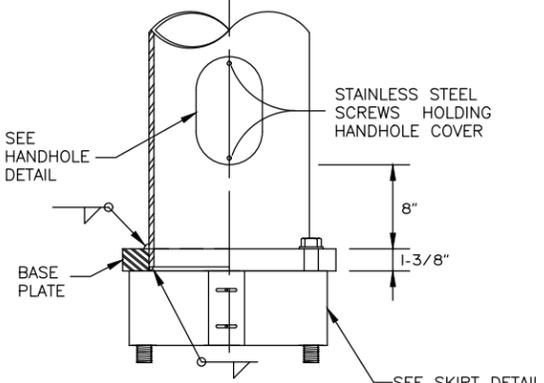
**OFFSET LIGHTING STANDARD POLE TOP DETAIL**  
(CUTAWAY FOR CLARITY)



**SECTION A-A**

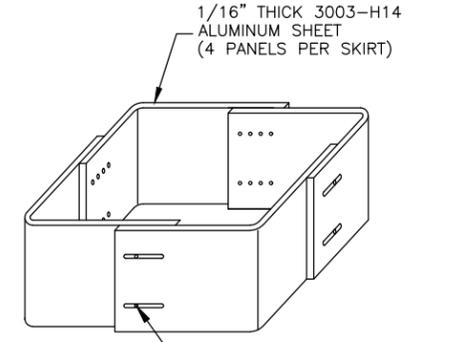


**VIEW B-B**



**VIEW C-C**

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



**SKIRT DETAIL**

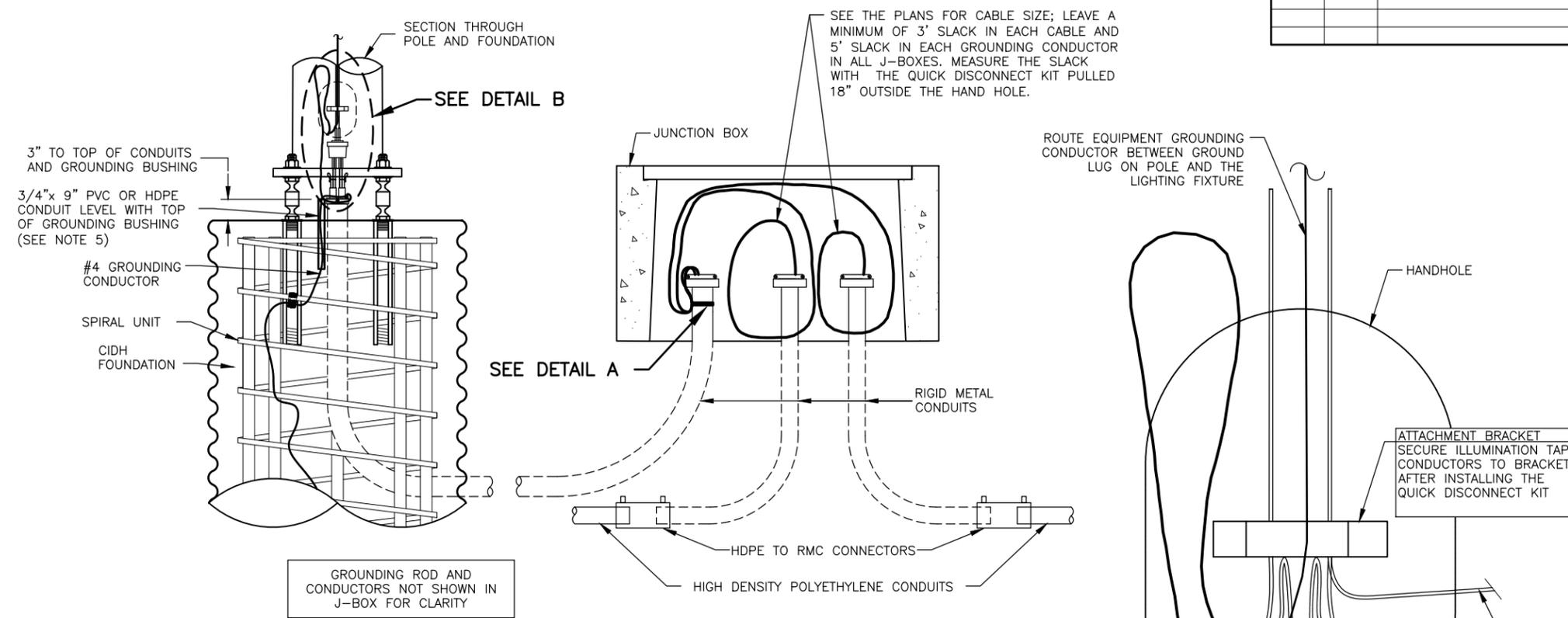


STATE OF ALASKA  
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**SELDON ROAD EXTENSION  
PHASE II  
WINDY BOTTOM/BEVERLY LAKES RD  
TO PITTMAN RD (MSB)  
LIGHTING STANDARD 1**

PLANS DEVELOPED BY:  
STANTEC CONSULTING SERVICES INC.  
3900 C STREET, SUITE 902  
ANCHORAGE, AK 99503  
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CERTIFICATE OF AUTHORIZATION #126386

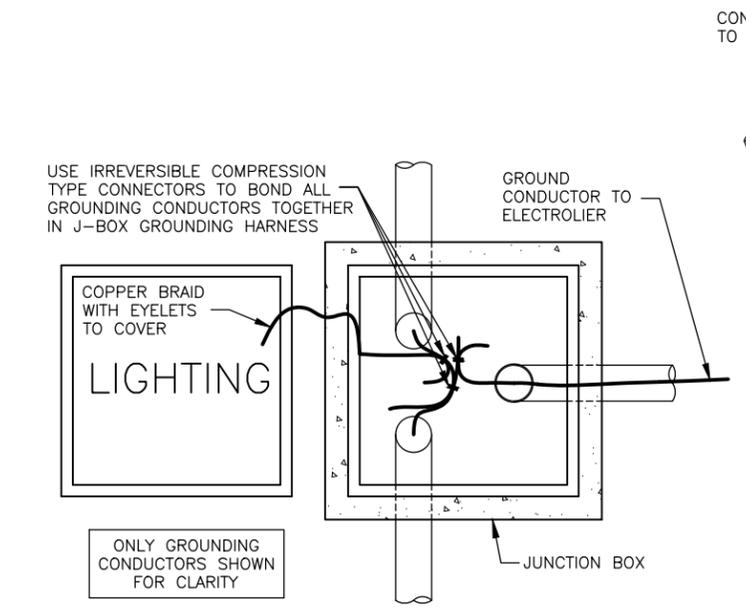
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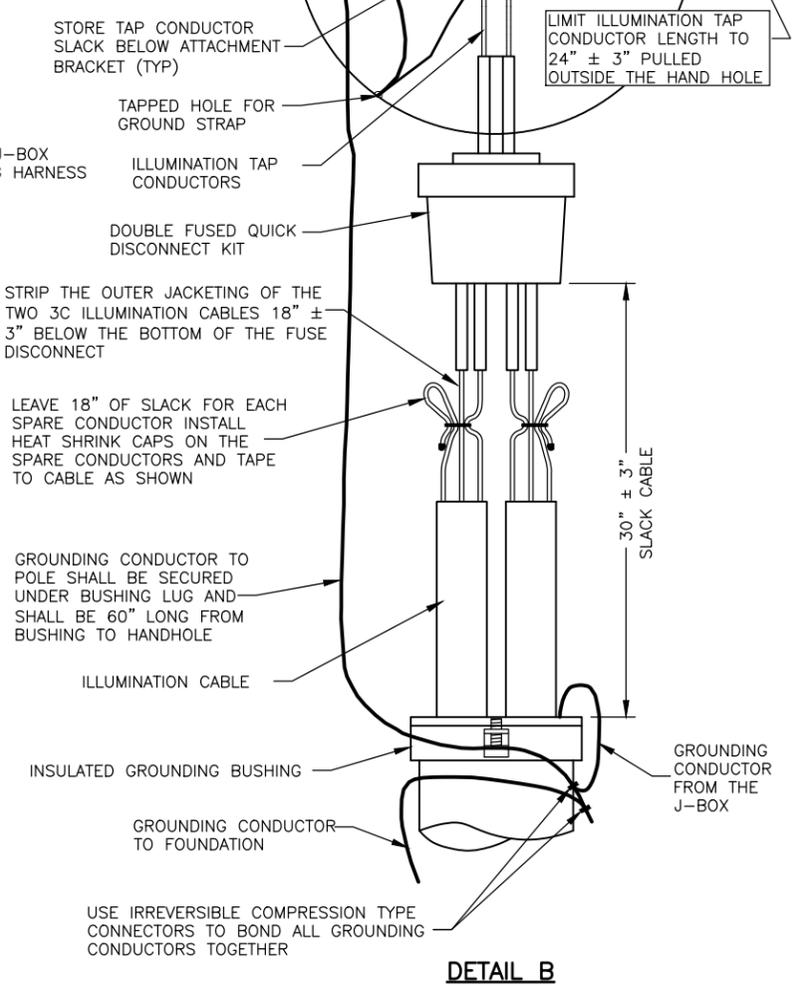
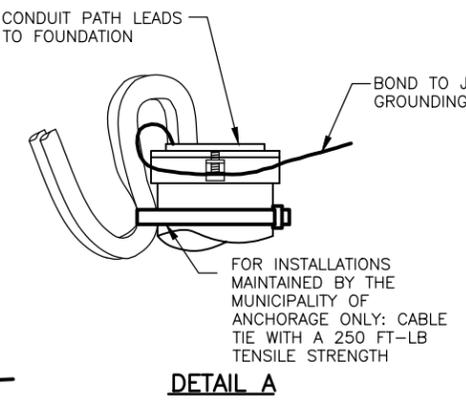


**LIGHTING SYSTEM POLE AND J-BOX WIRING DETAILS**  
NTS

- NOTES:**
- APPLICATION FOR SLIP BASE IS THE SAME EXCEPT FOR BONDING. SEE SUBSECTION 660-3.06 FOR BONDING.
  - LABEL ALL CABLES AND CONDUCTORS IN POLE BASE AND J-BOX. SEE SUBSECTION 660-3.05.
  - MAKE ALL GROUNDING AND BONDING WIRE #8 AWG, EXCEPT IN THOSE CONDUITS THAT CONTAIN CIRCUIT CONDUCTORS LARGER THAN #8 AWG. IN THIS CASE USE WIRE EQUAL IN SIZE TO THE LARGEST CONDUCTOR. THE GROUNDING ELECTRODE CONDUCTOR TO THE CONCRETE-ENCASED ELECTRODE IN THE FOUNDATION SHALL BE #4 AWG.
  - USE LISTED IRREVERSIBLE COMPRESSION TYPE CONNECTORS SIZED FOR EACH APPLICATION AND INSTALLED PER MANUFACTURERS SPECIFICATIONS.
  - PROTECT GROUND WIRE WITH 3/4" PVC OR HDPE CONDUIT TO 6" BELOW TOP OF FOUNDATION FILLED WITH SILICONE SEALANT.
  - WHEN PLANS INDICATE TWO FIXTURES ARE TO BE INSTALLED ON A SINGLE POLE, INSTALL A SECOND DOUBLE FUSED QUICK DISCONNECT KIT. USE TWO 12" (MAX.) JUMPER CABLES INSTALLED ON THE LINE SIDE OF THE FUSES AND SIZE THE JUMPER CABLES TO MATCH THE CABLES ENTERING THE FOUNDATION. EACH FIXTURE SHALL BE POWERED THROUGH A DEDICATED DOUBLE FUSED QUICK DISCONNECT KIT.



**GROUNDING CONDUCTOR BONDING CONNECTIONS**  
NTS



**DETAIL B**



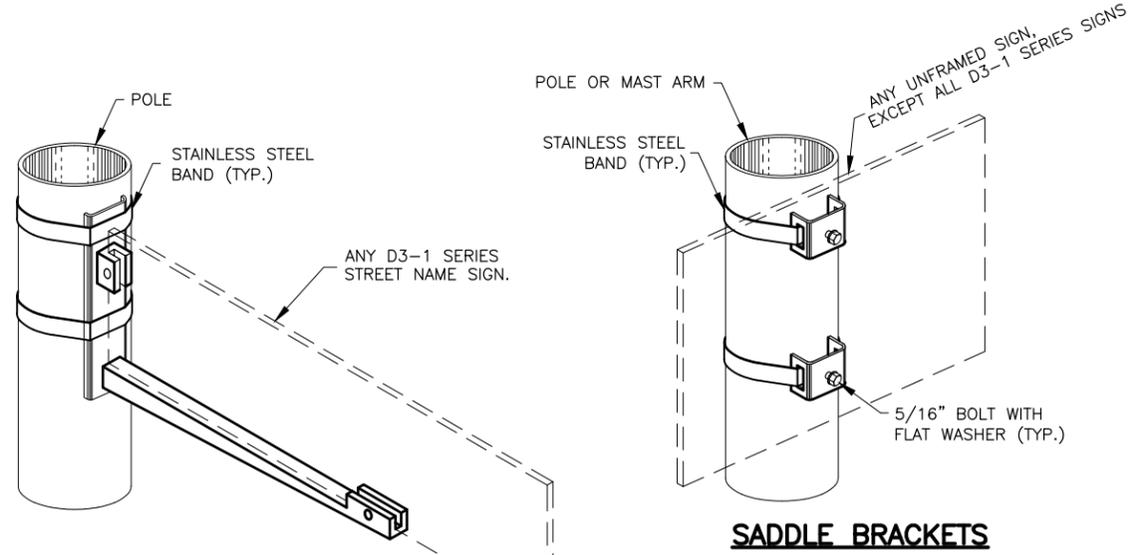
STATE OF ALASKA  
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**SELDON ROAD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)  
 CDIH WIRING AND GROUNDING**

PLANS DEVELOPED BY:  
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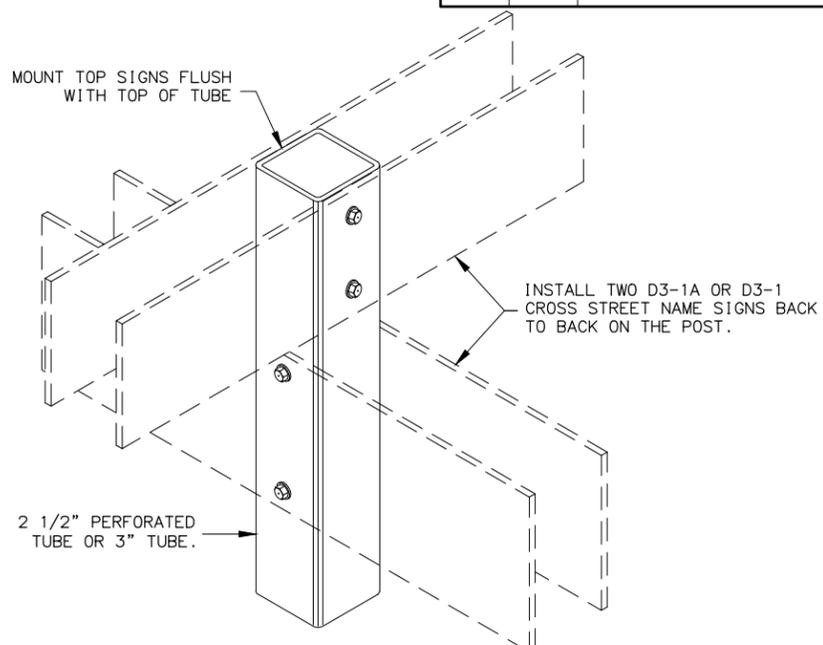
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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001723/CFHWY00562	2025	H7	H23

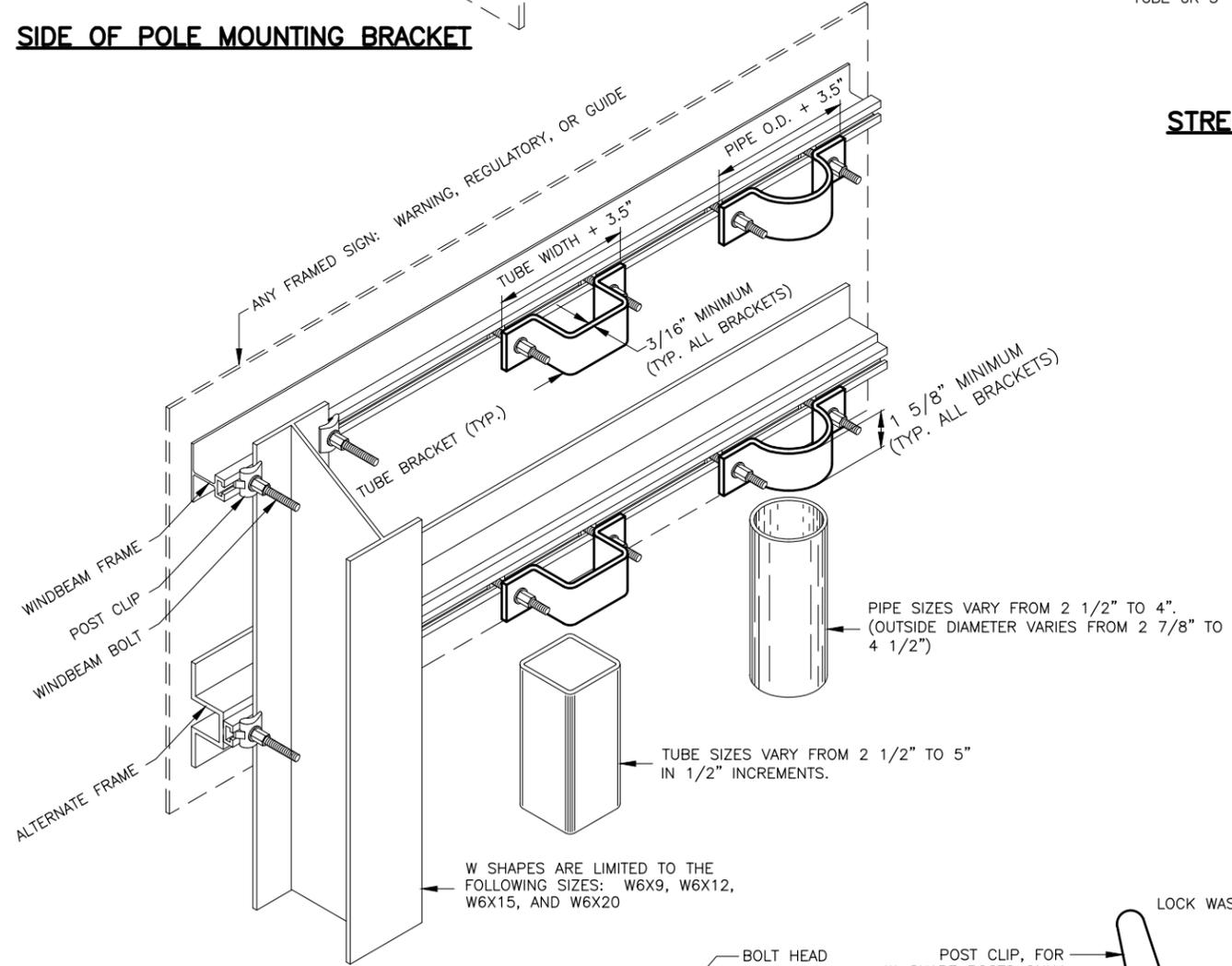


**SADDLE BRACKETS**

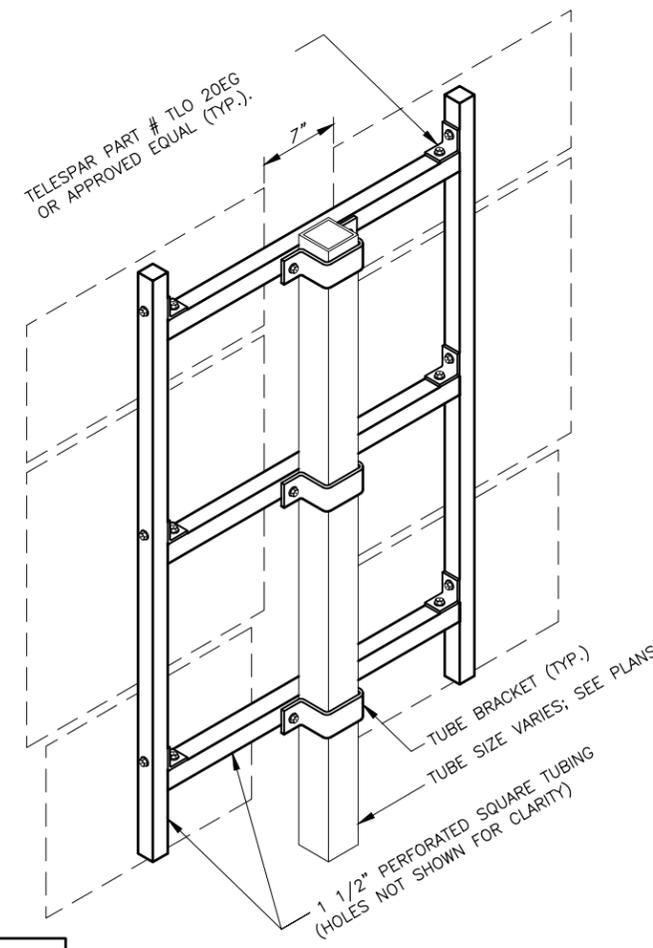
**SIDE OF POLE MOUNTING BRACKET**



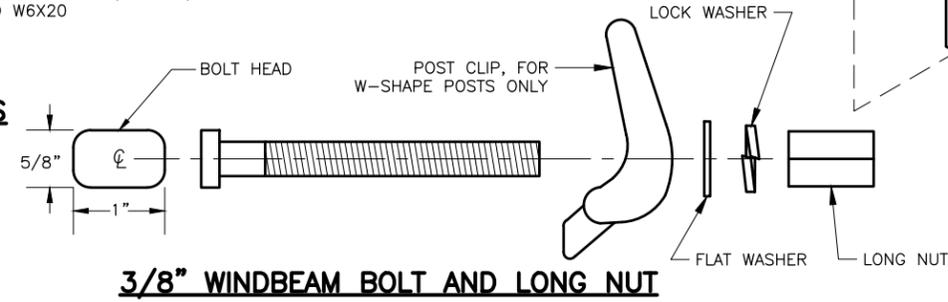
**STREET NAME SIGN INSTALLATION**



**FRAMED SIGN ATTACHMENT BRACKETS**



**ROUTE MARKER TREE**



**3/8\"/>**

- 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.

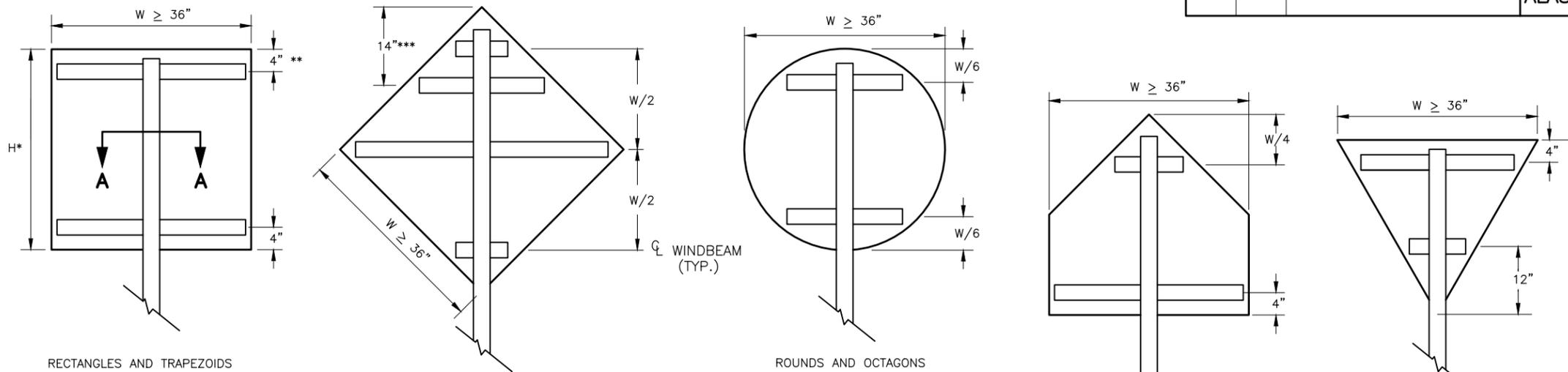
FASTENERS	ALUMINUM	STEEL	STAINLESS STEEL
BOLTS	ASTM F468 2024-T4	ASTM A307	ASTM F593
NUTS	ASTM F467 2024-T4	ASTM A563	ASTM F594
WASHERS	ANSI B18.22.1	ASTM F844	ANSI B18.22.1
POST CLIPS	ASTM B179 356-T6	N/A	N/A



STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**SELDON ROAD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)  
 SIGN ATTACHMENT DETAILS**

PLANS DEVELOPED BY:  
 STANTEC CONSULTING SERVICES INC.  
 3900 C STREET, SUITE 902  
 ANCHORAGE, AK 99503  
 907-276-4245  
 CERTIFICATE OF AUTHORIZATION #126386

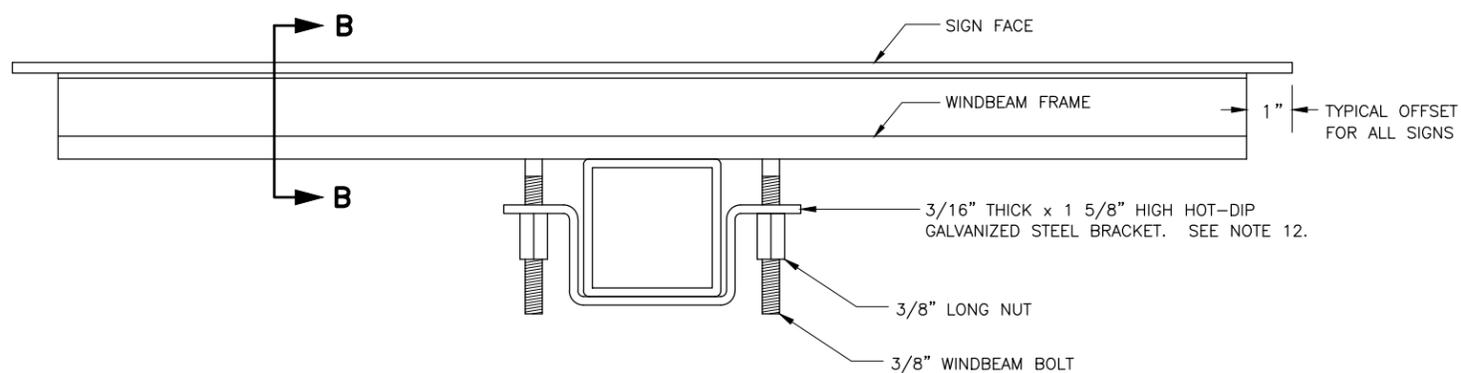
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001723/CFHWY00562	2025	H8	H23



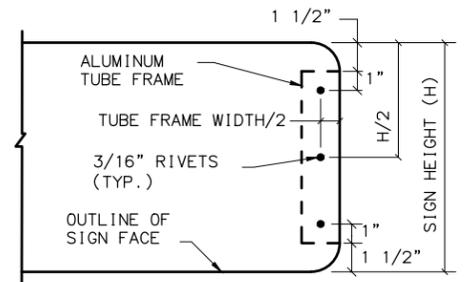
- NOTES:**
- EXCEPT FOR POLES AND MAST ARMS, ONLY USE SQUARE STEEL TUBES TO SUPPORT SIGNS MOUNTED ON SINGLE POSTS.
  - INSTALL WINDBEAM OR ZEE SHAPED FRAMING MEMBERS ON DIAMOND SHAPED SIGNS 36 INCHES AND LONGER ON A SIDE AND ON OTHER SIGNS 36 INCHES WIDE AND WIDER.
  - IN HIGH WIND AREAS, THE PLANS MAY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

**WINDBEAM LOCATIONS FOR EACH SIGN SHAPE**

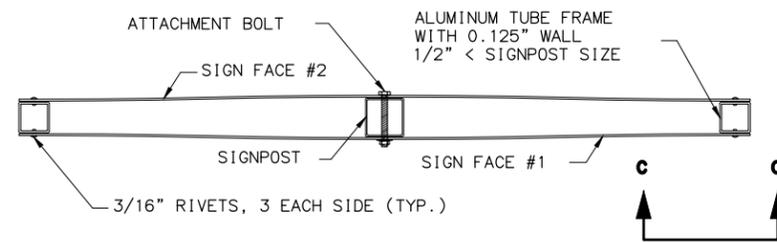
ELEVATION VIEW



**SECTION A - A TYPICAL SIGN ATTACHMENT DETAILS AT EACH WINDBEAM**

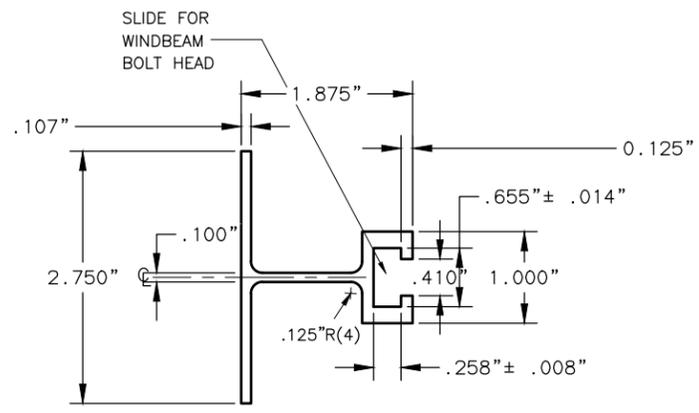


**VIEW C - C**

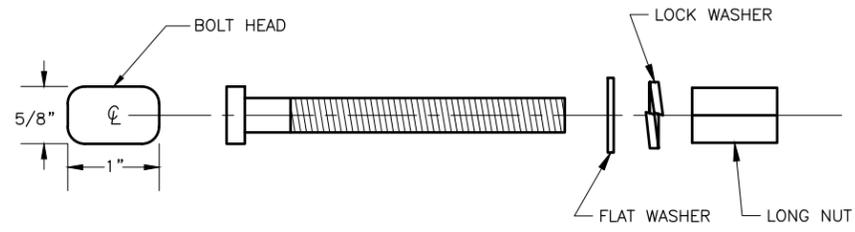


**D3-1, D3-1A, D3-1D STREET NAME SIGN FRAMING DETAIL**

PLAN VIEW



**SECTION B - B WINDBEAM CROSS SECTION**



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



STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES

**SELDON ROAD EXTENSION  
PHASE II  
WINDY BOTTOM/BEVERLY LAKES RD  
TO PITTMAN RD (MSB)  
LIGHT SIGN FRAMING**

PLANS DEVELOPED BY:  
STANTEC CONSULTING SERVICES INC.  
3900 C STREET, SUITE 902  
ANCHORAGE, AK 99503  
907-276-4245  
CERTIFICATE OF AUTHORIZATION #126386

DRAWING LOCATION: U:\2047079800\DRAWING\SHEETS\01723\_H08\_LIGHT\_SIGN\_FRAMING.DWG  
 DATE: 6/18/2025  
 TIME: SCALE  
 DESIGNED BY: MLH  
 CHECKED BY: SMK  
 DRAFTED BY: MTH

MLH  
 SMK  
 MTH  
 DESIGNED BY  
 CHECKED BY  
 DRAFTED BY  
 SCALE  
 TIME  
 DATE 6/18/2025  
 DRAWING LOCATION  
 U:\2047079800\DRAWING\SHEETS\01723\_H09\_LOAD\_CENTER\_SUMMARIES.DWG

LOAD CENTER "A"										
LOAD CENTER TYPE:		1A								
OWNED/MAINTAINED BY:		MATSU BOROUGH								
SERVING UTILITY:		MATANUSKA ELECTRIC ASSOCIATION								
SERVICE CONDUIT TYPE:		RIGID METAL CONDUIT								
LOCATION DATA										
LOAD CENTER:		STATION "S" 26+04.6, 63.5' RT								
POWER SOURCE:		TBD								
SERVICE VOLTAGE:		SINGLE PHASE, 3 WIRE, 240/120 VOLTS WITH GROUNDED NEUTRAL								
PROVIDE METER SOCKET:		YES								
MAIN BREAKER A:		240 VOLT, 2-POLE, 100 AMPS								
CONTACTOR A:		600 VOLT, 6-POLE, 30 AMPS								
AIC RATING:		10,000A								
CONTACTOR CONTROL:		PHOTO CELL								
P.E. CONTROL LOCATION:		LOAD CENTER								
LOAD PANEL A										
CKT	AMP TRIP	DESCRIPTION	POLE KVA	AØ	BØ	POLE KVA	DESCRIPTION	AMP TRIP	CKT	
1	20/2	*INTERSECTION LIGHTING	0.1	0.2		0.1	PHOTOELECTRIC CONTROL	15/2	2	
3			0.1		0.2	0.1			4	
5	20/2	*SPARE		0.0			SPARE	20/2	6	
7					0.0				8	
9				0.0					10	
11					0.0				12	
13				0.0					14	
15					0.0				16	
17				0.0					18	
* ROUTE CIRCUIT THROUGH CONTACTOR			0.2	0.2			PANEL A LOAD	KVA	AMPS	
							CONNECTED LOAD:	0.4	1.7	
							DEMAND LOAD:	0.5	2.1	

LOAD CENTER "B"										
LOAD CENTER TYPE:		1A								
OWNED/MAINTAINED BY:		MATSU BOROUGH								
SERVING UTILITY:		MATANUSKA ELECTRIC ASSOCIATION								
SERVICE CONDUIT TYPE:		RIGID METAL CONDUIT								
LOCATION DATA										
LOAD CENTER:		STATION "S" 65+45.3, 59.5' RT								
POWER SOURCE:		TBD								
SERVICE VOLTAGE:		SINGLE PHASE, 3 WIRE, 240/120 VOLTS WITH GROUNDED NEUTRAL								
PROVIDE METER SOCKET:		YES								
MAIN BREAKER A:		240 VOLT, 2-POLE, 100 AMPS								
CONTACTOR A:		600 VOLT, 6-POLE, 30 AMPS								
AIC RATING:		10,000A								
CONTACTOR CONTROL:		PHOTO CELL								
P.E. CONTROL LOCATION:		LOAD CENTER								
LOAD PANEL A										
CKT	AMP TRIP	DESCRIPTION	POLE KVA	AØ	BØ	POLE KVA	DESCRIPTION	AMP TRIP	CKT	
1	20/2	*INTERSECTION LIGHTING	0.2	0.3		0.1	PHOTOELECTRIC CONTROL	15/2	2	
3			0.2		0.3	0.1			4	
5	20/2	*SPARE		0.0			SPARE	20/2	6	
7					0.0				8	
9				0.0					10	
11					0.0				12	
13				0.0					14	
15					0.0				16	
17				0.0					18	
* ROUTE CIRCUIT THROUGH CONTACTOR			0.3	0.3			PANEL A LOAD	KVA	AMPS	
							CONNECTED LOAD:	0.6	2.5	
							DEMAND LOAD:	0.8	3.1	

LOAD CENTER "C"										
LOAD CENTER TYPE:		1A								
OWNED/MAINTAINED BY:		MATSU BOROUGH								
SERVING UTILITY:		MATANUSKA ELECTRIC ASSOCIATION								
SERVICE CONDUIT TYPE:		RIGID METAL CONDUIT								
LOCATION DATA										
LOAD CENTER:		STATION "S" 99+40.9, 634.3' RT								
POWER SOURCE:		TBD								
SERVICE VOLTAGE:		SINGLE PHASE, 3 WIRE, 240/120 VOLTS WITH GROUNDED NEUTRAL								
PROVIDE METER SOCKET:		YES								
MAIN BREAKER A:		240 VOLT, 2-POLE, 100 AMPS								
CONTACTOR A:		600 VOLT, 6-POLE, 30 AMPS								
AIC RATING:		10,000A								
CONTACTOR CONTROL:		PHOTO CELL								
P.E. CONTROL LOCATION:		LOAD CENTER								
LOAD PANEL A										
CKT	AMP TRIP	DESCRIPTION	POLE KVA	AØ	BØ	POLE KVA	DESCRIPTION	AMP TRIP	CKT	
1	20/2	*INTERSECTION LIGHTING	0.2	0.3		0.1	PHOTOELECTRIC CONTROL	15/2	2	
3			0.2		0.3	0.1			4	
5	20/2	*SPARE		0.0			SPARE	20/2	6	
7					0.0				8	
9				0.0					10	
11					0.0				12	
13				0.0					14	
15					0.0				16	
17				0.0					18	
* ROUTE CIRCUIT THROUGH CONTACTOR			0.3	0.3			PANEL A LOAD	KVA	AMPS	
							CONNECTED LOAD:	0.6	2.5	
							DEMAND LOAD:	0.8	3.1	

LOAD CENTER "1" (EXISTING)										
LOAD CENTER TYPE:		1A								
OWNED/MAINTAINED BY:		MATSU BOROUGH								
SERVING UTILITY:		MATANUSKA ELECTRIC ASSOCIATION								
SERVICE CONDUIT TYPE:		RIGID METAL CONDUIT								
LOCATION DATA										
LOAD CENTER:		STATION "S" 00+10.5, 21.7' RT								
POWER SOURCE:		EXISTING								
SERVICE VOLTAGE:		SINGLE PHASE, 3 WIRE, 240/120 VOLTS WITH GROUNDED NEUTRAL								
PROVIDE METER SOCKET:		EXISTING								
MAIN BREAKER A:		240 VOLT, 2-POLE, 100 AMPS								
CONTACTOR A:		600 VOLT, 6-POLE, 20 AMPS								
AIC RATING:		10,000A								
CONTACTOR CONTROL:		PHOTO CELL								
P.E. CONTROL LOCATION:		LOAD CENTER								
LOAD PANEL A										
CKT	AMP TRIP	DESCRIPTION	POLE KVA	AØ	BØ	POLE KVA	DESCRIPTION	AMP TRIP	CKT	
1	20/2	*STREET LIGHTING	0.5	0.5			SPARE	20/2	2	
3			0.5		0.5				4	
5	15/2	CONTROL CIRCUIT	0.1	0.1					6	
7			0.1		0.1				8	
9				0.0					10	
11					0.0				12	
13				0.0					14	
15					0.0				16	
17				0.0					18	
* ROUTE CIRCUIT THROUGH CONTACTOR			0.6	0.6			PANEL A LOAD	KVA	AMPS	
							CONNECTED LOAD:	1.2	5.0	
							DEMAND LOAD:	1.5	6.2	



STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**SELDON ROAD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)  
 LOAD CENTER SUMMARIES**

PLANS DEVELOPED BY:  
 STANTEC CONSULTING SERVICES INC.  
 3900 C STREET, SUITE 902  
 ANCHORAGE, AK 99503  
 907-276-4245  
 CERTIFICATE OF AUTHORIZATION #126386

DRAWING LOCATION: U:\2047079800\DRAWING\SHEETS\01723\_H10\_LUMINAIREPERFORMANCECRITERIA.DWG  
 DATE: 6/18/2025  
 TIME: SCALE  
 DESIGNED BY: MLH  
 CHECKED BY: SMK  
 DRAFTED BY: MTH

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001723/CFHWY00562	2025	H10	H23

PANEL "LC" (EXISTING)											
LOAD CENTER TYPE:		SQUARE D POWERLINK PANELBOARD									
OWNED/MAINTAINED BY:		MATSU BOROUGH SCHOOL DISTRICT									
SERVING UTILITY:		MATANUSKA ELECTRIC ASSOCIATION									
SERVICE CONDUIT TYPE:		-									
LOCATION DATA											
LOAD CENTER:		MEADOW LAKES ELEMENTARY SCHOOL, ELECTRICAL ROOM 127									
POWER SOURCE:		FACILITY MAIN DISTRIBUTION PANEL									
SERVICE VOLTAGE:		3 PHASE, 4 WIRE, 208/120 VOLTS									
PROVIDE METER SOCKET:		NO									
MAIN BREAKER:		MLO									
CONTACTOR:		INDIVIDUALLY CONTROLLED CIRCUIT BREAKERS									
AIC RATING:		22,000A									
CONTACTOR CONTROL:		PHOTO CELL AND TIMECLOCK VIA DDC									
P.E. CONTROL LOCATION:		EXISTING									
LOAD PANEL A											
CKT	AMP TRIP	DESCRIPTION	POLE KVA	AØ	BØ	CØ	POLE KVA	DESCRIPTION	AMP TRIP	CKT	
1	20/1	LTG-LOWER CLASS CORR	1.2	2.4			1.2	LTG-BLDG ENTRIES	20/1	2	
3	20/1	LTG-LOWER CLASS CORR	1.2		1.8		0.6	LTG-BLDG ENTRIES	20/1	4	
5	20/1	LTG-UPPER CLASS CORR	1.3			2.5	1.2	LTG-EXTERIOR POLES	20/1	6	
7	20/1	LTG-UPPER CLASS CORR	1.4	2.2			0.8	LTG-EXTERIOR POLES	20/1	8	
9	20/1	LTG-MAIN CORRIDOR	1.0		2.2		1.2	LTG-EXTERIOR POLES	20/1	10	
11	20/1	LTG-LOBBY, LIBRARY CORR	1.2			2.1	0.9	LTG-EXTERIOR POLES	20/1	12	
13	20/1	SPARE		0.9			0.9	<b>LTG-EXTERIOR POLES</b>	20/1	14	
15	20/1	SPARE			0.9		0.9	<b>LTG-EXTERIOR POLES</b>	20/1	16	
17	20/1	SPARE				1.2	1.2	LTG-EXTERIOR POLES	20/1	18	
19	20/1	SPARE		1.2			1.2	LTG-BLDG SOUTH	20/1	20	
21	20/1	SPARE			0.9		0.9	LTG-BLDG SOUTH	20/1	22	
23	20/1	SPARE				1.2	1.2	LTG-PARKING POLE	20/1	24	
25				1.2			1.2	LTG-PARKING POLE	20/1	26	
27					0.0					28	
29						0.0				30	
* ROUTE CIRCUIT THROUGH CONTACTOR				7.9	5.8	7.0		PANEL A LOAD	KVA	AMPS	
EXISTING TO REMAIN								CONNECTED LOAD:	20.7	57.5	
<b>MODIFIED CIRCUIT</b>								DEMAND LOAD:	25.9	71.9	

NOTE: NO CHANGE TO CIRCUIT OR PANEL LOADS.

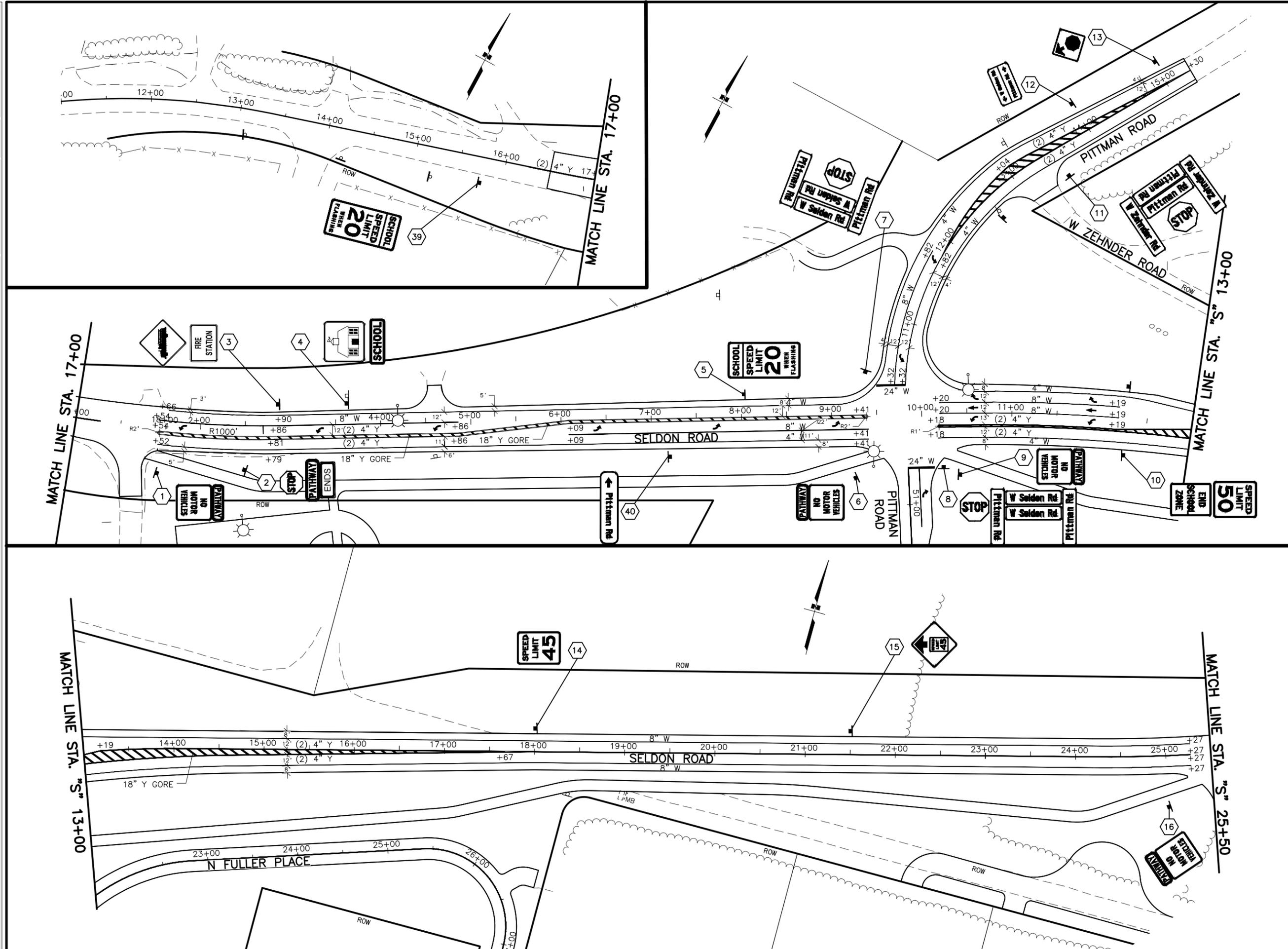
LUMINAIRE PERFORMANCE CRITERIA				
LUMINAIRE LIGHT LOSS FACTOR		0.85		
LIGHTING CALCULATION METHOD		RP-8-2014		
ISOLATED INTERSECTION ILLUMINANCE CRITERIA				
	PITTMAN	MONROE	WYOMING	BEVERLY
ROAD/PAVEMENT CLASSIFICATION	MAJOR/R3	MAJOR/R3	MAJOR/R3	MAJOR/R3
AVERAGE MAINTAINED ILLUMINATION (fc)	0.9	0.9	1.1	1.6
AVERAGE UNIFORMITY RATIO (AVG/MIN)	2.8:1	2.8:1	2.8:1	2.0:1

LUMINAIRE STANDARDS				
INTERSECTION				
	PITTMAN	MONROE	WYOMING	BEVERLY
MANUFACTURER AND MODEL (OR APPROVED EQUAL)	COOPER VERD-CA2, CURRENT ERL2, LEOTEK GCM3-60J			
INITIAL LUMENS	15,500	15,500	15,500	15,500
WATTAGE (MAXIMUM)	114	114	114	114
VOLTAGE	240	240	240	240
PE CONTROL	ANSI C136.41 7 PIN W/ SHORTING CAP			
PE SENSOR	SHORTING CAP			
MOUNTING	HORIZONTAL			
MOUNTING HEIGHT	40'	40'	40'	40'
HOUSING ENTRY TYPE	TOOLLESS			
FIXTURE COLOR	GRAY			
IES DISTRIBUTION TYPE	TYPE 4 FCO	TYPE 3 FCO	TYPE 4 FCO	TYPE 3 FCO
POWER FACTOR	≥0.90			
UL LISTED	YES			
CCT	3000K			
CRI	MINIMUM 70			



STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**SELDON ROAD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)**  
**LUMINAIRE PERFORMANCE CRITERIA  
 AND LOAD CENTER SUMMARY**

DRAWING LOCATION: U:\2047079800\DRAWING\SHEETS\01723\_H11-H16\_SIGNSTRIPES\_PLAN.DWG  
 DATE: 6/18/2025 11:48 AM  
 TIME: 11:48 AM  
 SCALE: 1" = 50'  
 DESIGNED BY: MLH  
 CHECKED BY: SMK  
 DRAFTED BY: MTH



SHEET NO.	TOTAL SHEETS
H11	H23
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
001723/ CFHWY00562	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



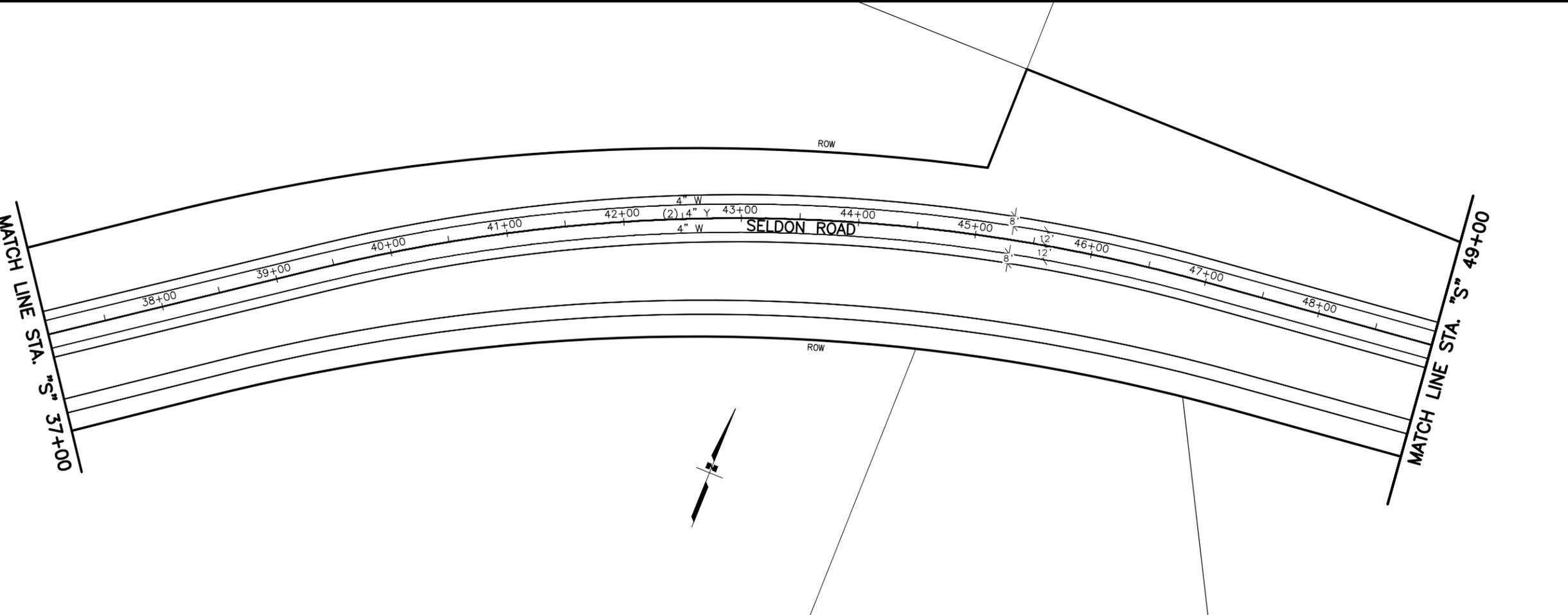
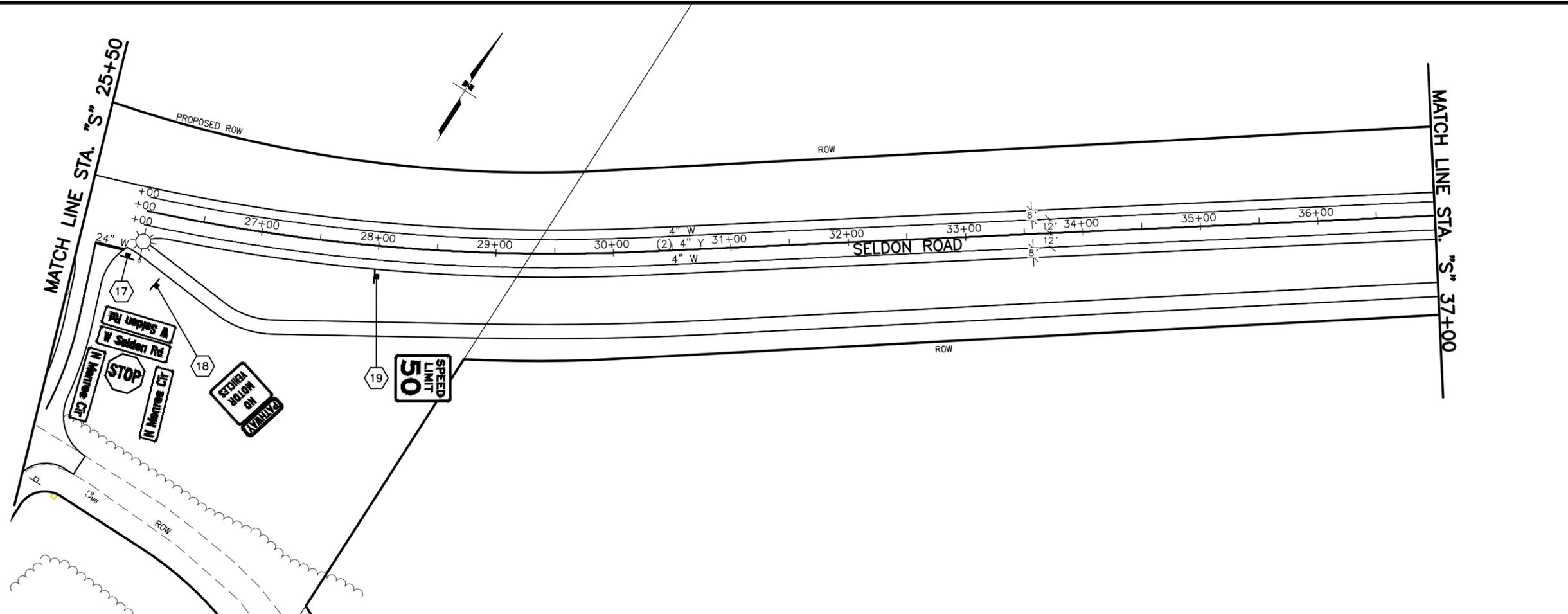
**PRELIMINARY**  
 STATE OF ALASKA  
 48  
 STEVEN AARI  
 LICENSED PROFESSIONAL ENGINEER  
 No. 9203  
 PLANS

PLANS DEVELOPED BY:  
 STANTEC CONSULTING SERVICES INC.  
 3900 C STREET, SUITE 902  
 ANCHORAGE, AK 99503  
 907-276-4245  
 CERTIFICATE OF AUTHORIZATION #126386

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 SELDON RD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)

SIGNING AND STRIPING  
 PLAN

DRAWING LOCATION: U:\2047079800\DRAWING\SHEETS\01723\_H11-H16\_SIGNSTRIPES\_PLAN.DWG  
 DATE: 6/18/2025 11:48 AM  
 TIME: 11:48 AM  
 SCALE: 1" = 50'  
 DESIGNED BY: MLH  
 CHECKED BY: SMK  
 DRAFTED BY: MTH



SHEET NO.	TOTAL SHEETS
H12	H23
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
001723/ CFHWY00562	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



**PRELIMINARY**  
 STATE OF ALASKA  
 STEVEN AARI  
 LICENSE NO. 9203  
 REGISTERED PROFESSIONAL ENGINEER  
 PLANS DEVELOPED BY:  
 STANTEC CONSULTING SERVICES INC.  
 3900 C STREET, SUITE 902  
 ANCHORAGE, AK 99503  
 907-276-4245  
 CERTIFICATE OF AUTHORIZATION #126386  
 STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 SELDON RD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)  
 SIGNING AND STRIPING  
 PLAN

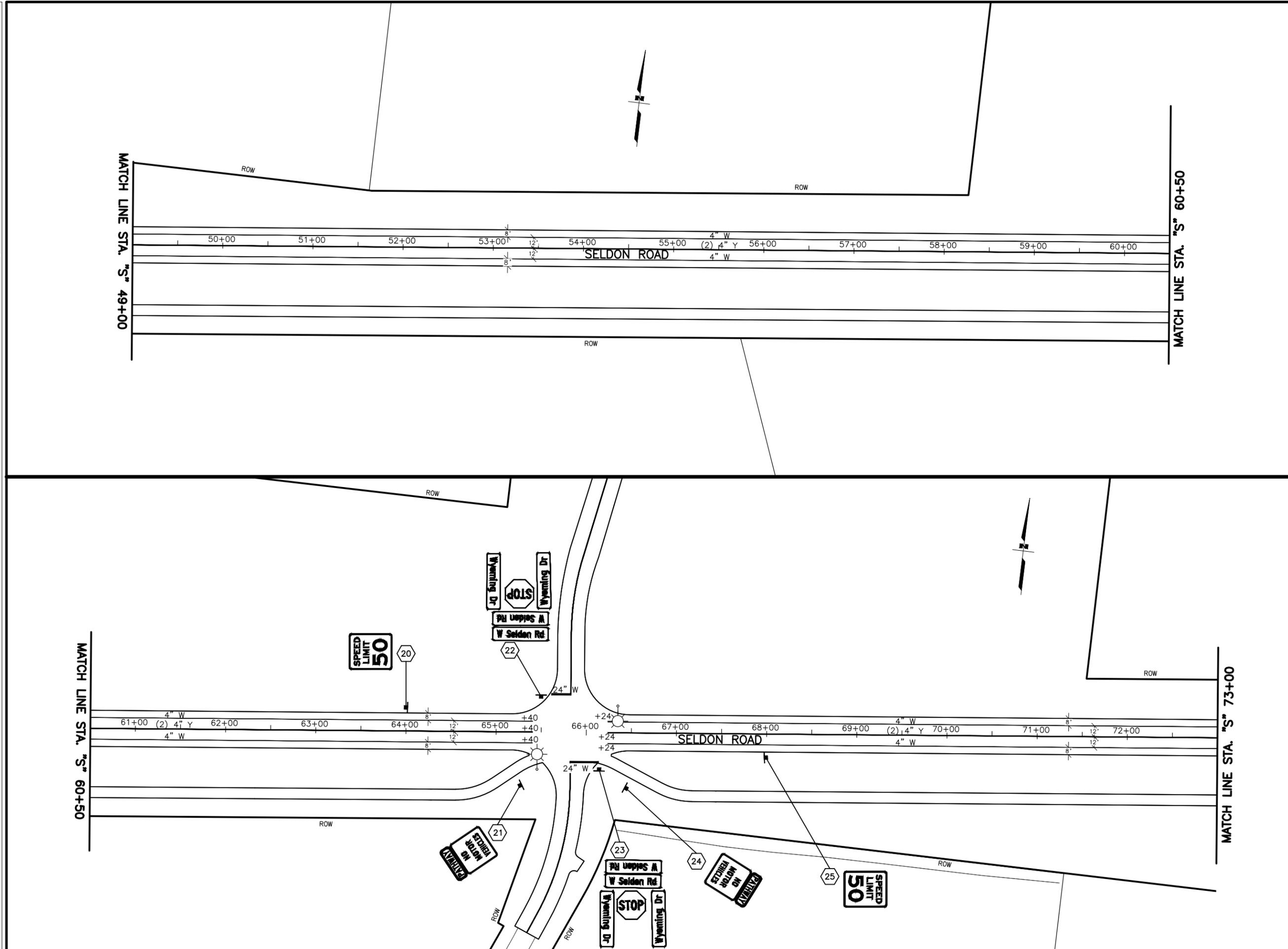
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DESIGNED BY  
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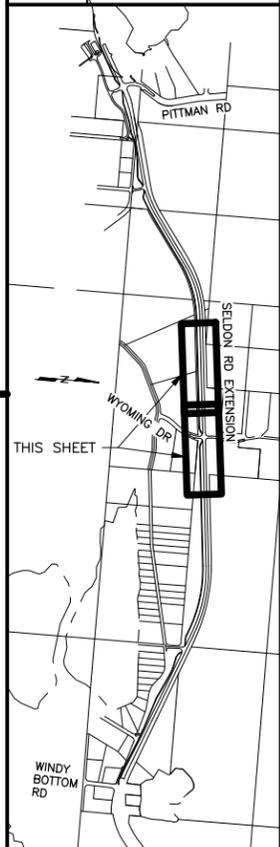
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SHEET NO.	TOTAL SHEETS
H13	H23
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
001723/ CFHWY00562	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



**PRELIMINARY**

STATE OF ALASKA  
48  
STEVEN AARI  
REGISTERED PROFESSIONAL ENGINEER  
C# 9203

PLANS DEVELOPED BY:  
STANTEC CONSULTING SERVICES INC.  
3900 C STREET, SUITE 902  
ANCHORAGE, AK 99503  
907-276-4245  
CERTIFICATE OF AUTHORIZATION #126386

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
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SELDON RD EXTENSION  
PHASE II  
WINDY BOTTOM/BEVERLY LAKES RD  
TO PITTMAN RD (MSB)

SIGNING AND STRIPING  
PLAN

MLH  
SMK  
MTH

DESIGNED BY  
CHECKED BY  
DRAFTED BY

SCALE  
1" = 50'

DATE  
6/18/2025

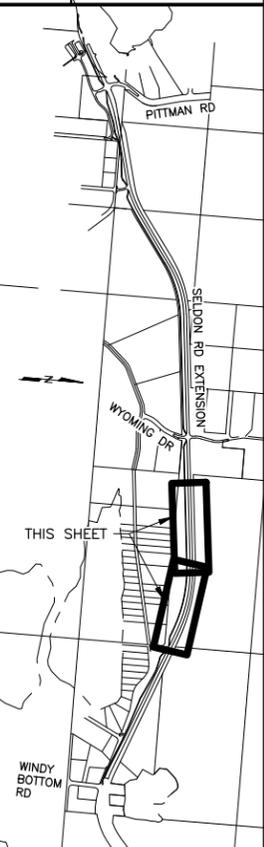
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SHEET NO.	TOTAL SHEETS
H14	H23
STATE	YEAR
ALASKA	2025

PROJECT DESIGNATION  
**001723/  
CFHWY00562**

NO.	REVISION

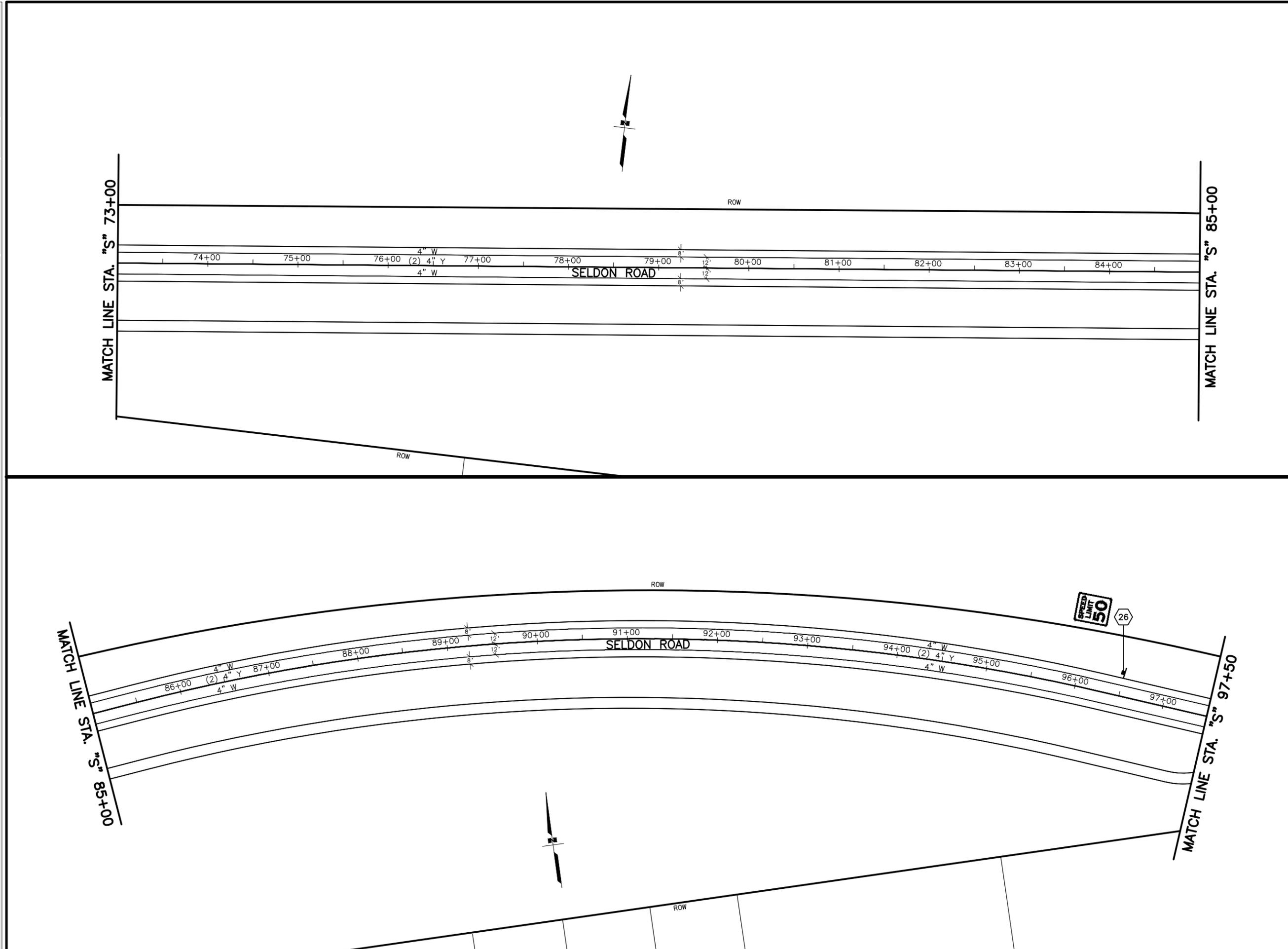


STATE OF ALASKA  
  
 STEVEN AARI  
 LICENSE NO. 9203  
 REGISTERED PROFESSIONAL ENGINEER

PLANS

PLANS DEVELOPED BY:  
 STANTEC CONSULTING SERVICES INC.  
 3900 C STREET, SUITE 902  
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STATE OF ALASKA  
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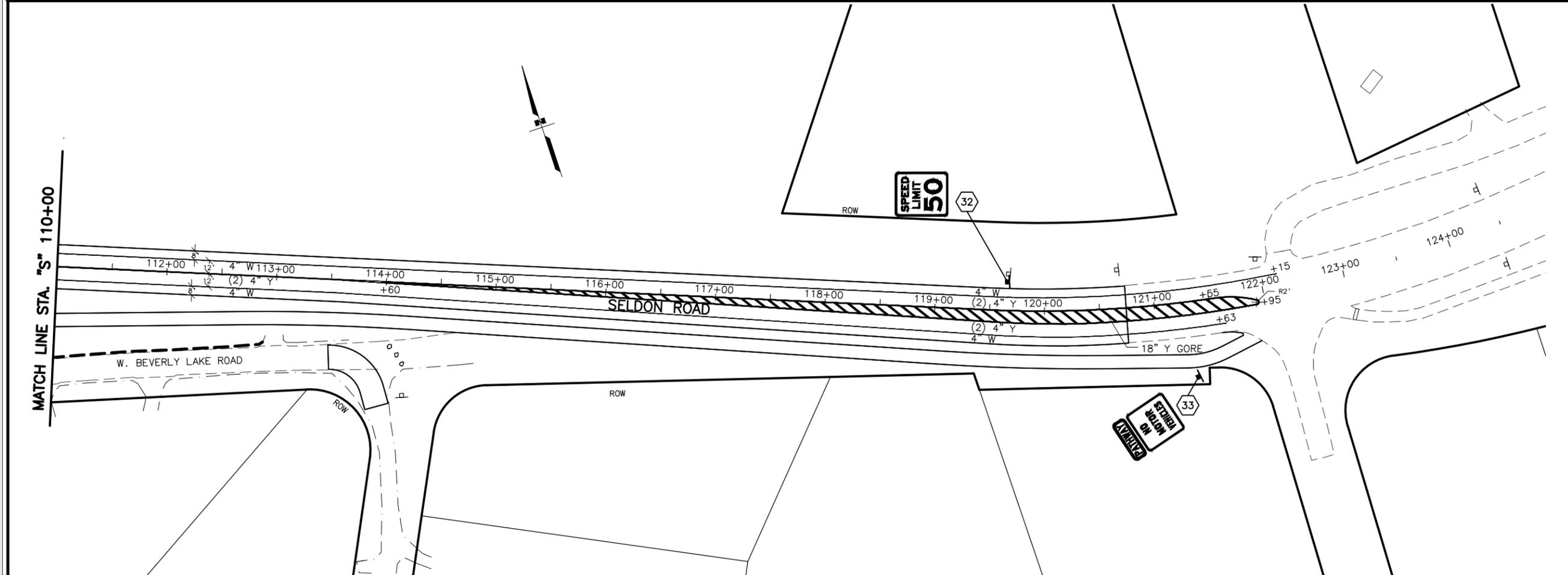
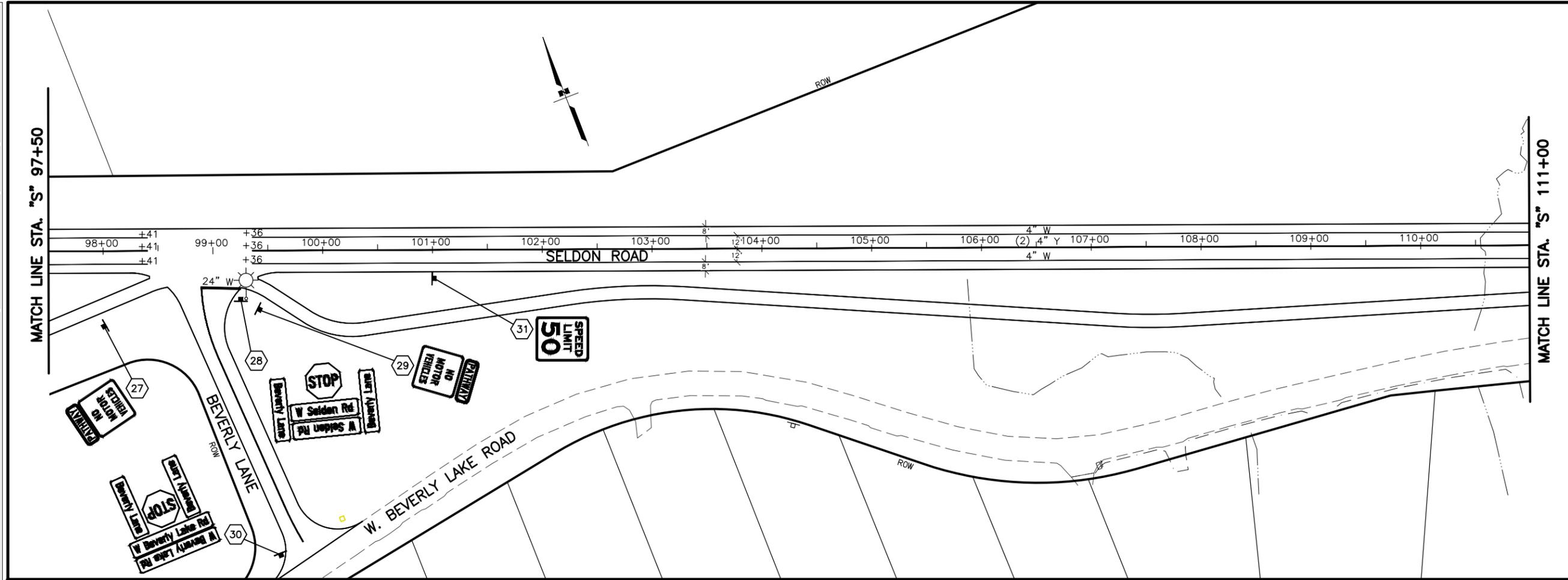
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CHECKED BY  
DRAFTED BY

SCALE  
1" = 50'

DATE  
6/18/2025 11:48 AM

TIME

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SHEET NO.	TOTAL SHEETS
H15	H23
STATE	YEAR
ALASKA	2025

PROJECT DESIGNATION  
**001723/  
CFHWY00562**

NO.	REVISION

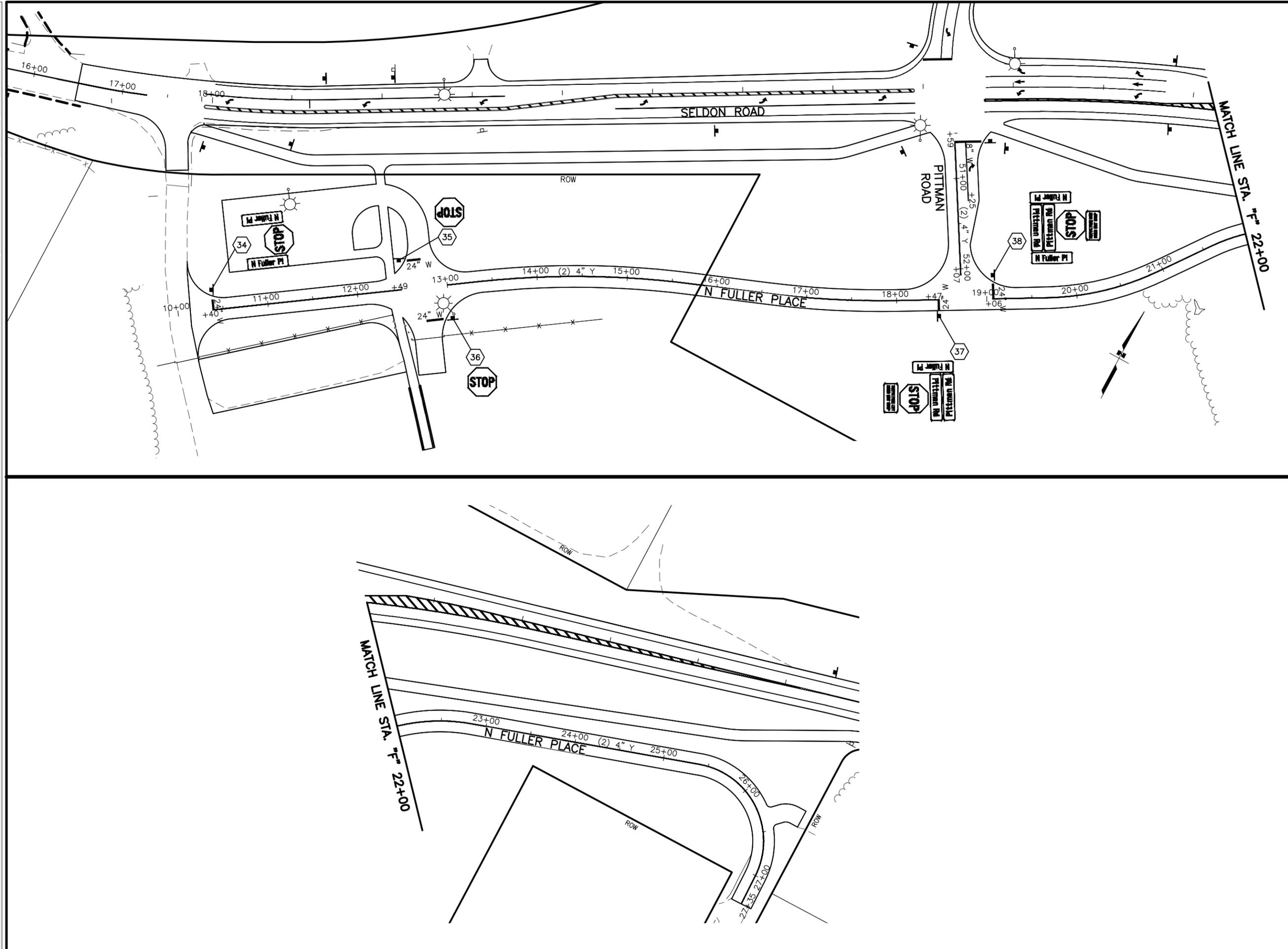


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STANTEC CONSULTING SERVICES INC.  
3900 C STREET, SUITE 902  
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907-276-4245  
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STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
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SELDON RD EXTENSION  
PHASE II  
WINDY BOTTOM/BEVERLY LAKES RD  
TO PITTMAN RD (MSB)

**SIGNING AND STRIPING  
PLAN**

MLH  
 DESIGNED BY  
 SMK  
 CHECKED BY  
 MTH  
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 DATE 6/18/2025 TIME 11:48 AM SCALE 1" = 50'  
 DRAWING LOCATION U:\2047079800\DRAWING\SHEETS\01723\_H11-H16\_SIGNSTRIPES\_PLAN.DWG



SHEET NO.	TOTAL SHEETS
H16	H23
STATE	YEAR
ALASKA	2025

PROJECT DESIGNATION  
 001723/  
 CFHWY00562

NO.	REVISION



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STATE OF ALASKA  
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 SELDON RD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)

SIGNING AND STRIPING  
 PLAN

DESIGNED BY: MLH  
 CHECKED BY: SMK  
 DRAFTED BY: MTH  
 SCALE: \_\_\_\_\_  
 DATE: 6/18/2025  
 TIME: \_\_\_\_\_  
 DRAWING LOCATION: U:\2047079800\DRAWING\SHEETS\01723\_H17-H20\_SIGNSUMMARY.DWG

SIGN SUMMARY													
SHEET NO.	POST NO.	STATION	CL REF.	TYPE	LEGEND	SIZE (in)		AREA SQ FT	SIGN FACES	POSTS NO., SIZE & TYPE	FRAMED		REMARKS
						WIDTH	HEIGHT				YES	NO	
H11	1	"S" 1+51	RT	R5-3AP		18	6	0.75	W	1-2.5" PT		X	
				R5-3A		18	24	3.00	W			X	
	2	"S" 2+47	RT	R1-1		18	18	2.25	E	1-2.5" PT		X	
				R5-3AP		18	6	0.75	E				
				R3-17bP		15	6	0.63	E				
	3	"S" 2+86	LT	W11-8		36	36	9.00	E		X		
			LT	W11-8A		24	18	3.00	E			X	
	4	"S" 3+63	LT	I-102		30	30	6.25	E	1-2.5" PT	X		
				S4-3P		24	8	1.33	E			X	
	5	"S" 8+01	LT	S1-1		36	72	18.00	E		X		MOUNT ON RELOCATED BEACON
	6	"S" 9+26	RT	R5-3AP		18	6	0.75	E	1-2.5" PT		X	
				R5-3A		18	24	3.00	E			X	
	7	"S" 9+38	LT	D3-1		36	8	4.00	N/S	1-2.5" PT	X		MOUNT TWO SIGNS BACK TO BACK
				D3-1		48	12	8.00	E/W		X		MOUNT TWO SIGNS BACK TO BACK
				R1-1		36	36	9.00	N		X		
	8	"S" 10+23	RT	D3-1		36	8	4.00	N/S	1-2.5" PT	X		MOUNT TWO SIGNS BACK TO BACK
				D3-1		48	12	8.00	E/W		X		MOUNT TWO SIGNS BACK TO BACK
				R1-1		36	36	9.00	S		X		
	9	"S" 10+42	RT	R5-3AP		18	6	0.75	W	1-2.5" PT		X	
				R5-3A		18	24	3.00	W			X	
	10	"S" 12+26	RT	R2-1		30	36	7.50	W	1-2.5" PT	X		
				S5-2		24	30	5.00	W			X	
	11	"PN" 13+55	RT	D3-1		36	8	4.00	E/W	1-2.5" PT	X		MOUNT TWO SIGNS BACK TO BACK
				D3-1		54	12	9.00	N/S		X		MOUNT TWO SIGNS BACK TO BACK
				R1-1		36	36	9.00	E		X		
	12	"PN" 13+98	LT	D3-201		42	96	28.00	N	2-2.5" PT	X		



STATE OF ALASKA  
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**SELDON ROAD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)**  
**SIGN SUMMARY**

PLANS DEVELOPED BY:  
 STANTEC CONSULTING SERVICES INC.  
 3900 C STREET, SUITE 902  
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 CERTIFICATE OF AUTHORIZATION #126386

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 CHECKED BY: SMK  
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 SCALE: \_\_\_\_\_  
 DATE: 6/18/2025  
 TIME: \_\_\_\_\_  
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SIGN SUMMARY													
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						WIDTH	HEIGHT				YES	NO	
	13	"PN" 15+00	LT	W3-1A		36	36	9.00	N	1-2.5" PT	X		
	14	"S" 18+00	LT	R2-1		30	36	7.50	E	1-2.5" PT	X		
	15	"S" 21+50	LT	W3-5		36	36	9.00	E	1-2.5" PT	X		
	16	"S" 25+02	RT	R5-3AP		18	6	0.75	E	1-2.5" PT		X	
				R5-3A		18	24	3.00	E			X	
H12	17	"S" 25+92	RT	D3-1		36	8	4.00	N/S	1-2.5" PT	X		MOUNT TWO SIGNS BACK TO BACK
				D3-1		48	12	8.00	E/W			X	MOUNT TWO SIGNS BACK TO BACK
				R1-1		36	36	9.00	S			X	
	18	"S" 26+21	RT	R5-3AP		18	6	0.75	W	1-2.5" PT		X	
				R5-3A		18	24	3.00	W			X	
	19	"S" 28+00	RT	R2-1		30	36	7.50	W	1-2.5" PT	X		
H13	20	"S" 64+00	LT	R2-1		30	36	7.50	E	1-2.5" PT	X		
	21	"S" 65+27	RT	R5-3AP		18	6	0.75	E	1-2.5" PT		X	
				R5-3A		18	24	3.00	E			X	
	22	"S" 65+50	LT	D3-1		36	8	4.00	N/S	1-2.5" PT	X		MOUNT TWO SIGNS BACK TO BACK
				D3-1		48	12	8.00	E/W			X	MOUNT TWO SIGNS BACK TO BACK
				R1-1		36	36	9.00	N			X	
	23	"S" 66+15	RT	D3-1		36	8	4.00	N/S	1-2.5" PT	X		MOUNT TWO SIGNS BACK TO BACK
				D3-1		48	12	8.00	E/W			X	MOUNT TWO SIGNS BACK TO BACK
				R1-1		36	36	9.00	S			X	
	24	"S" 66+45	RT	R5-3AP		18	6	0.75	W	1-25" PT		X	
				R5-3A		18	24	3.00	W			X	
	25	"S" 68+00	RT	R2-1		30	36	7.50	W	1-2.5" PT	X		
H14	26	"S" 96+49	LT	R2-1		30	36	7.50	E	1-2.5" PT	X		
H15	27	"S" 98+01	RT	R5-3AP		18	6	0.75	E	1-2.5" PT		X	
				R5-3A		18	24	3.00	E			X	



STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
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**SELDON ROAD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)**  
**SIGN SUMMARY**

DESIGNED BY: MLH  
 CHECKED BY: SMK  
 DRAFTED BY: MTH  
 SCALE: \_\_\_\_\_  
 DATE: 6/18/2025  
 TIME: \_\_\_\_\_  
 DRAWING LOCATION: U:\2047079800\DRAWING\SHEETS\01723\_H17-H20\_SIGNSUMMARY.DWG

SIGN SUMMARY													
SHEET NO.	POST NO.	STATION	CL REF.	TYPE	LEGEND	SIZE (in)		AREA SQ FT	SIGN FACES	POSTS NO., SIZE & TYPE	FRAMED		REMARKS
						WIDTH	HEIGHT				YES	NO	
	28	"S" 99+28	RT	D3-1		36	8	4.00	N/S	1-2.5" PT	X		MOUNT TWO SIGNS BACK TO BACK
				D3-1		48	12	8.00	E/W		X		MOUNT TWO SIGNS BACK TO BACK
				R1-1		36	36	9.00	S		X		
	29	"S" 99+42	RT	R5-3AP		18	6	0.75	W	1-2.5" PT		X	
				R5-3A		18	24	3.00	W			X	
	30	"S" 99+61	RT	D3-1		60	8	6.67	N/S	1-2.5" PT	X		MOUNT TWO SIGNS BACK TO BACK
				D3-1		48	12	8.00	E/W		X		MOUNT TWO SIGNS BACK TO BACK
				R1-1		30	30	6.25	N		X		
	31	"S" 101+01	RT	R2-1		30	36	7.50	W	1-2.5" PT	X		
	32	"S" 119+66	LT	R2-1		30	36	7.50	E	1-2.5" PT	X		
	33	"S" 121+43	RT	R5-3AP		18	6	0.75	E	1-2.5" PT		X	
				R5-3A		18	24	3.00	E			X	
H16	34	"PF" 10+39	LT	D3-1		48	12	8.00	E/W	1-2.5" PT	X		MOUNT TWO SIGNS BACK TO BACK
				R1-1		36	36	9.00	E		X		
	35	"PF" 12+49	LT	R1-1		36	36	9.00	N	1-2.5" PT	X		
	36	"PF" 13+02	RT	R1-1		36	36	9.00	S	1-2.5" PT	X		
	37	"PF" 18+47	RT	D3-1		48	12	4.00	N	1-2.5" PT	X		
				D3-1		36	8	4.00	E/W		X		MOUNT TWO SIGNS BACK TO BACK
				R1-1		36	36	9.00	W		X		
				W4-4aPL		30	15	3.13	W			X	
	38	"PF" 19+07	LT	D3-1		48	12	8.00	E/W	1-2.5" PT	X		MOUNT TWO SIGNS BACK TO BACK
				D3-1		36	8	4.00	N/S		X		MOUNT TWO SIGNS BACK TO BACK
				R1-1		36	36	9.00	E			X	
				W4-4aPR		30	15	3.13	E			X	



STATE OF ALASKA  
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 AND PUBLIC FACILITIES  
**SELDON ROAD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)**  
**SIGN SUMMARY**

DRAWING LOCATION: U:\2047079800\DRAWING\SHEETS\01723\_H17-H20\_SIGNS\SUMMARY.DWG  
 DESIGNED BY: MLH  
 CHECKED BY: SMK  
 DRAFTED BY: MTH  
 SCALE: \_\_\_\_\_  
 DATE: 6/18/2025  
 TIME: \_\_\_\_\_

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001723/CFHWY00562	2025	H20	H23

### SIGN SUMMARY

SHEET NO.	POST NO.	STATION	CL REF.	TYPE	LEGEND	SIZE (in)		AREA SQ FT	SIGN FACES	POSTS NO., SIZE, & TYPE	THICKNESS (in)		REMARKS	
						WIDTH	HEIGHT				YES	NO		
H11	39	"PNW" 15+75	RT	S5-1		36	72	18.00	W		X		MOUNT ON RELOCATED BEACON	
H11	40	"S" 7+20	RT	D3-200L		96	24	16.00	W	2-2.5" PT	X			
								TOTAL SIGN AREA:			471.88			
								PAY ITEM QUANTITY:			472			

### SALVAGE SIGN

STATION	CL REF	TYPE	REMARKS
"S" 2+87	LT	W11-8	FIRE TRUCK SYMBOL
"S" 2+87	LT	W11-8/A	FIRE STATION AND FIRE TRUCK
"S" 3+63	LT	I-102	SCHOOL SIGN
"S" 4+58	RT	R1-1	
"S" 7+77	LT	S1-1	
"S" 18+37	RT	R1-1	
"S" 119+66	LT	W5-1	
"S" 120+68	LT	R2-1	
"S" 124+16	LT	W3-5	
"PN" 12+63	RT	W1-2L	
"PN" 12+64	RT	W13-1	
"PN" 13+13	LT	R2-1	
"PN" 13+55	RT	R1-1	



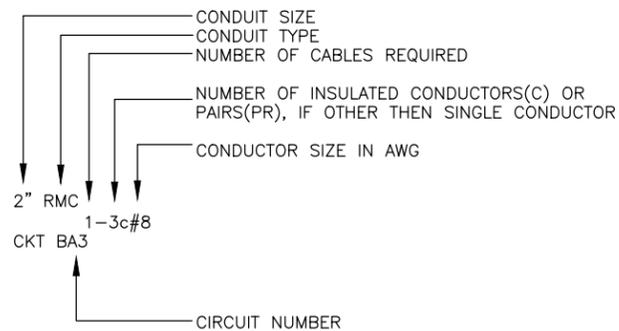
STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**SELDON ROAD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)  
 SIGN SUMMARY**

DESIGNED BY: US  
 CHECKED BY: US  
 DRAFTED BY: JA

SCALE: 1" = 50'  
 DATE: 6/18/2025 11:49 AM

DRAWING LOCATION: U:\2047079800\DRAWING\SHEETS\01723-H21-H23-ILLUM-PLAN.DWG

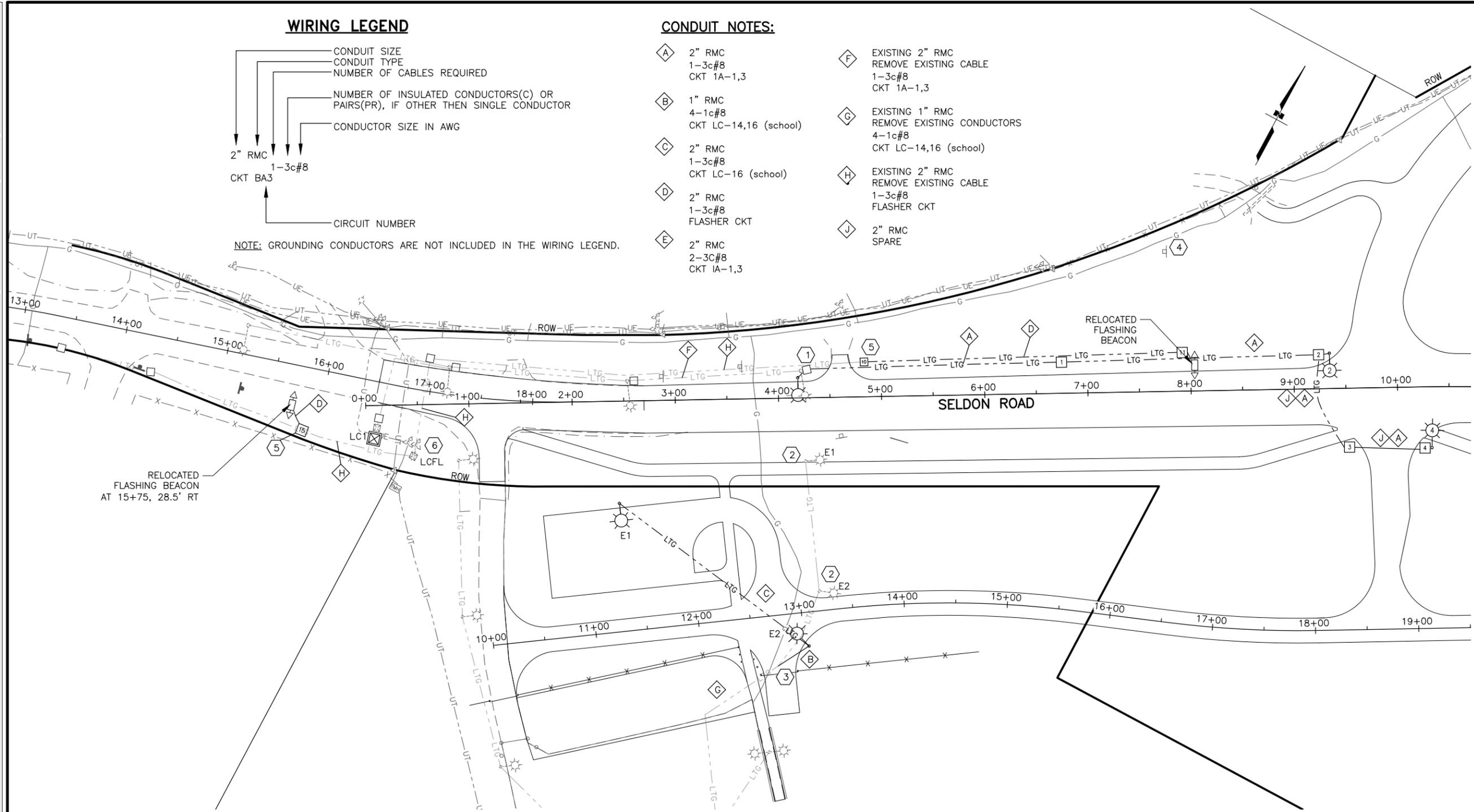
**WIRING LEGEND**



NOTE: GROUNDING CONDUCTORS ARE NOT INCLUDED IN THE WIRING LEGEND.

**CONDUIT NOTES:**

- A 2" RMC  
1-3c#8  
CKT 1A-1,3
- B 1" RMC  
4-1c#8  
CKT LC-14,16 (school)
- C 2" RMC  
1-3c#8  
CKT LC-16 (school)
- D 2" RMC  
1-3c#8  
FLASHER CKT
- E 2" RMC  
2-3c#8  
CKT 1A-1,3
- F EXISTING 2" RMC  
REMOVE EXISTING CABLE  
1-3c#8  
CKT 1A-1,3
- G EXISTING 1" RMC  
REMOVE EXISTING CONDUCTORS  
4-1c#8  
CKT LC-14,16 (school)
- H EXISTING 2" RMC  
REMOVE EXISTING CABLE  
1-3c#8  
FLASHER CKT
- J 2" RMC  
SPARE



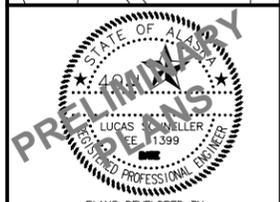
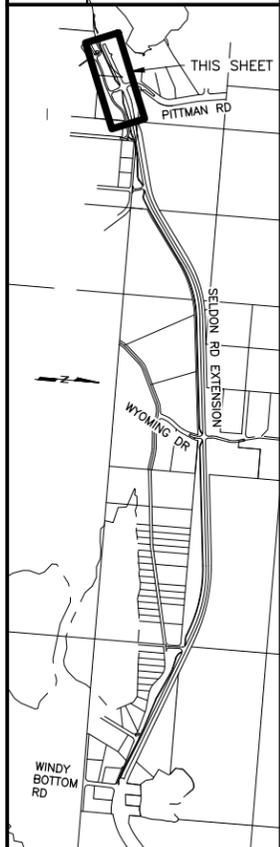
**CONSTRUCTION NOTES:**

- 1 RELOCATE EXISTING ROADWAY LIGHT TO STA 4+19.5, 19.5 LT. AND EXTEND CONDUIT FROM EXISTING TYPE 1A JUNCTION BOX. CONNECT NEW LIGHTING CONDUIT TO EXISTING JUNCTION BOX (STATE OF ALASKA SYSTEM). MAKE CONDUCTOR CONNECTION IN EXISTING POLE, NEAR STA "S" 2+54.
- 2 RELOCATE LIGHTS E1 AND E2 TO NEW LOCATIONS AS INDICATED. REMOVE FOUNDATIONS AND CONDUCTORS BACK TO EXISTING LIGHT POLE TO REMAIN. ABANDON CONDUIT IN PLACE UNLESS DISTURBED BY PROJECT WORK.
- 3 INTERCEPT EXISTING CONDUIT AND ROUTE NEW CONDUIT TO RELOCATED LIGHT E2. INSTALL NEW CONDUCTORS FROM EXISTING LIGHT POLE TO REMAIN TO RELOCATED LIGHTS E1 AND E2.
- 4 RELOCATE EXISTING FLASHING BEACON TO STA 8+03.0, 25' LT. INSTALL WITH NEW TYPE 1A JUNCTION BOX. REMOVE FOUNDATION AND EXISTING CONDUCTORS TO FLASHING BEACON AND ABANDON CONDUIT IN PLACE.
- 5 INSTALL TYPE 1A JUNCTION BOX TO CAPTURE EXISTING FLASHER CONDUIT. EXTEND NEW CONDUIT TO RELOCATED FLASHER AS SHOWN.
- 6 LOAD CENTER LCFL SERVING FLASHING BEACON CONSISTS OF A METER/MAIN WITH A 20-AMP/2-POLE MAIN BREAKER. FLASHING BEACON CONTROLLER IS CO-LOCATED WITH LOAD CENTER.

**LUMINAIRE POLE AND JUNCTION BOX SUMMARY**

POLE	JBOX	STATION	OFFSET	POLE SHAFT LENGTH	MAST ARM	REMARKS
E1		"F" 11+35.8	123.6' LT	30'		RELOCATED EXISTING POLE
E2		"F" 13+04.0	32.7' RT	30'		RELOCATED EXISTING POLE
2		9+34.5	34.1' LT	40'	15'	
4		10+32.7	58.9' RT	40'	22'	
	1	6+74.8	30.1' LT			TYPE 1A
	2	9+24.1	32.9' LT			TYPE 1A
	3	9+52.6	57.0' LT			TYPE 1A
	4	10+25.7	59.1' RT			TYPE 1A
	10	4+83.6	33.8' LT			TYPE 1A, FLASHING BEACON
	11	8+00.6	37.7' LT			TYPE 1A, FLASHING BEACON
	15	"PNW" 15+92	61.0' RT			TYPE 1A, FLASHING BEACON

SHEET NO.	TOTAL SHEETS
H21	H23
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
001723/ CFHWY00562	
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PLANS DEVELOPED BY:  
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 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 SELDON RD EXTENSION  
 PHASE II  
 WINDY BOTTOM/BEVERLY LAKES RD  
 TO PITTMAN RD (MSB)

ILLUMINATION PLAN

DESIGNED BY: US  
 CHECKED BY: US  
 DRAFTED BY: JA

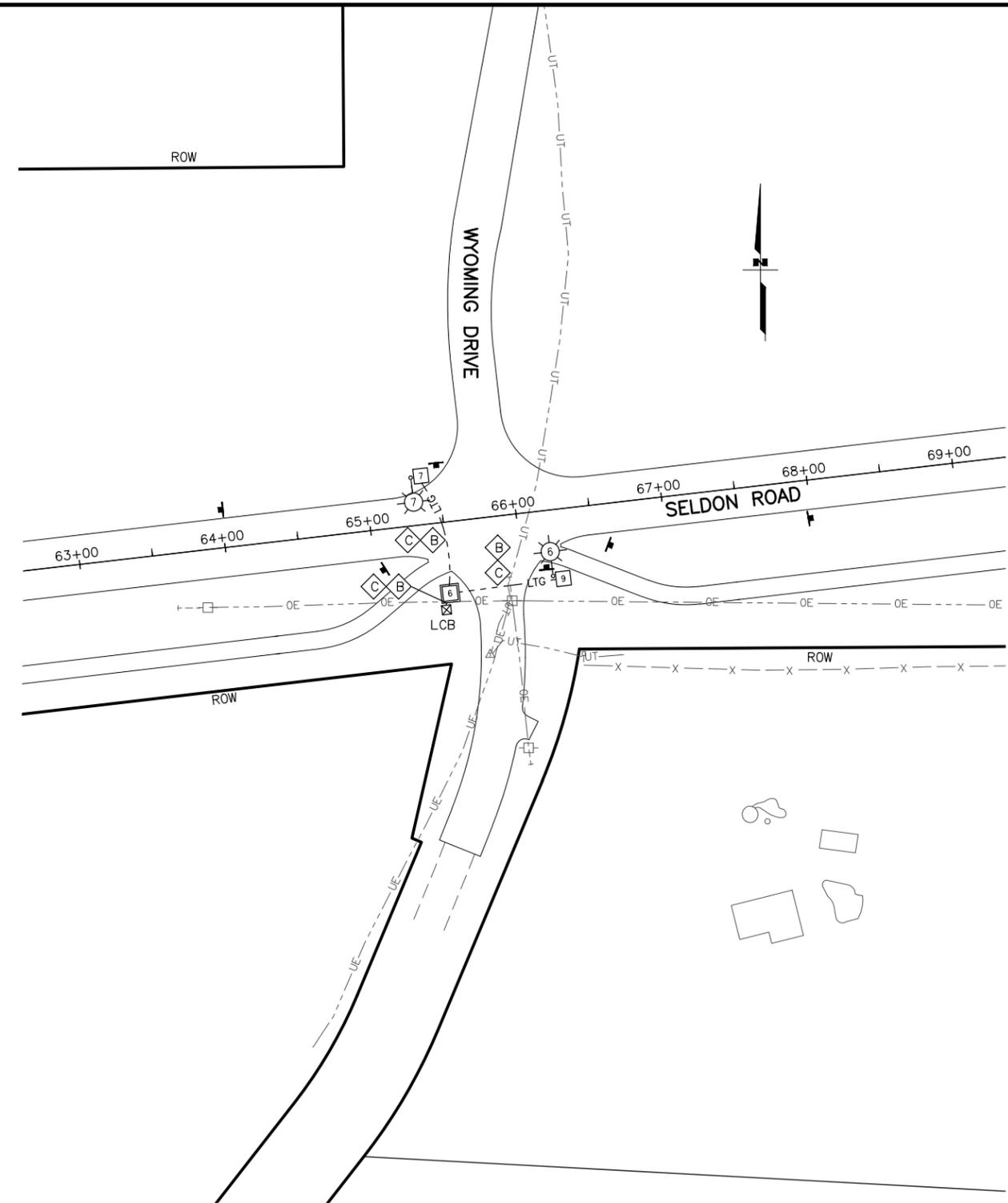
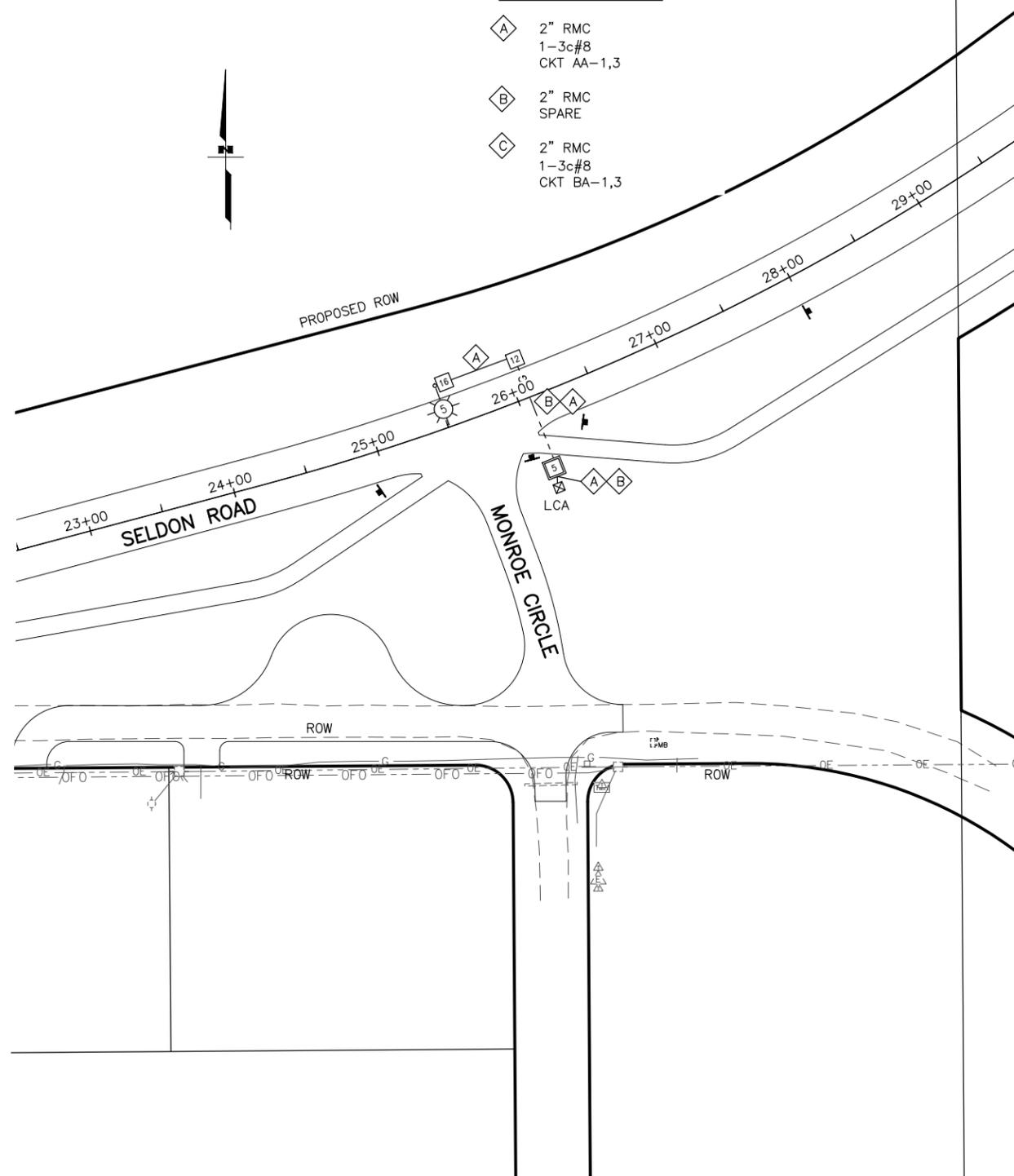
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 TIME: 11:49 AM

SCALE: 1" = 50'

DRAWING LOCATION: U:\2047079800\DRAWING\SHEETS\01723\_H21-H23\_ILLUM\_PLAN.DWG

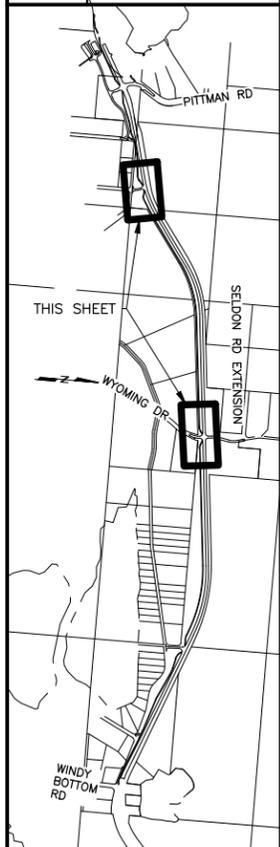
**CONDUIT NOTES:**

- A** 2" RMC  
1-3c#8  
CKT AA-1,3
- B** 2" RMC  
SPARE
- C** 2" RMC  
1-3c#8  
CKT BA-1,3



LUMINAIRE POLE AND JUNCTION BOX SUMMARY						
POLE	JBOX	STATION	OFFSET	POLE SHAFT LENGTH	MAST ARM	REMARKS
5		26+06.1	50.1' LT	40'	15'	
6		65+49.0	48.6' RT	40'	22'	
7		65+38.4	33.2' LT	40'	15'	
	5	26+06.1	50.1' RT			TYPE II
	6	65+49.1	48.6' RT			TYPE II
	7	66+27.1	33.4' LT			TYPE 1A
	9	66+27.1	47.5' RT			TYPE 1A
	12	26+08.2	27.1' LT			TYPE 1A
	16	25+57.4	27.4' LT			TYPE 1A

SHEET NO.	TOTAL SHEETS
H22	H23
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
001723/ CFHWY00562	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



**PRELIMINARY**

STATE OF ALASKA  
 LUCAS SCHILLER  
 LICENSE NO. 1399  
 REGISTERED PROFESSIONAL ENGINEER

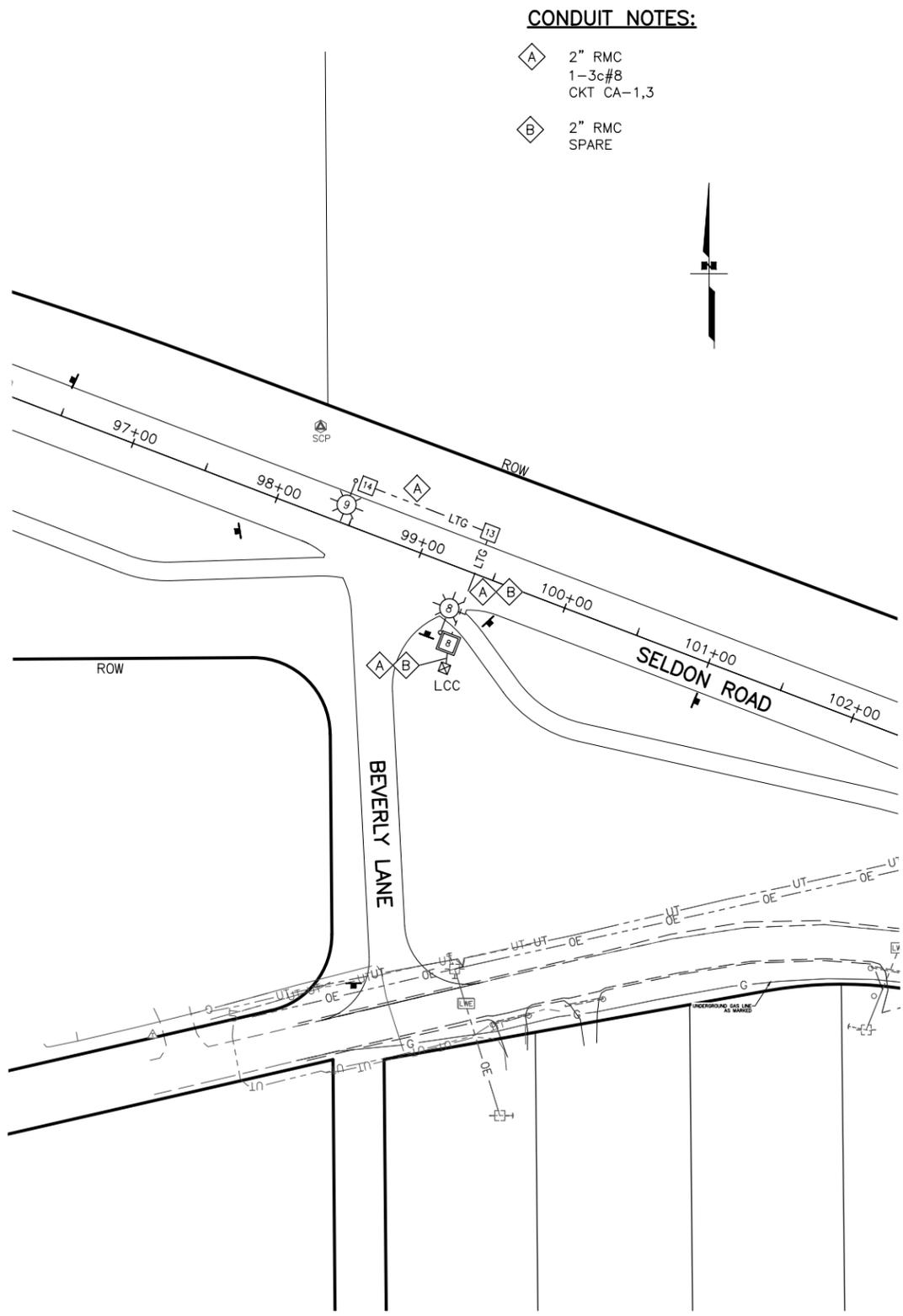
PLANS DEVELOPED BY:  
 STANTEC CONSULTING SERVICES INC.  
 3900 C STREET, SUITE 902  
 ANCHORAGE, AK 99503  
 907-276-4245

CERTIFICATE OF AUTHORIZATION #126386

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
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 SELDON RD EXTENSION  
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ILLUMINATION PLAN

DRAWING LOCATION: U:\2047079800\DRAWING\SHEETS\01723\_H21-H23\_ILLUM\_PLAN.DWG  
 DATE: 6/18/2025 11:50 AM  
 TIME: 11:50 AM  
 SCALE: 1" = 50'  
 DESIGNED BY: US  
 CHECKED BY: US  
 DRAFTED BY: JA



**CONDUIT NOTES:**

- ◇ A 2" RMC  
1-3c#8  
CKT CA-1,3
- ◇ B 2" RMC  
SPARE

LUMINAIRE POLE AND JUNCTION BOX SUMMARY						
POLE	JBOX	STATION	OFFSET	POLE SHAFT LENGTH	MAST ARM	REMARKS
8		99+30.2	43.6' RT	40'	22'	
	8	99+37.5	48.3' RT			TYPE II
	13	99+37.5	28.1' LT			TYPE 1A
	14	98+50.0	28.1' LT			TYPE 1A
9		98+42.0	28.1' LT	40'	15'	

SHEET NO.	TOTAL SHEETS
H23	H23
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
001723/ CFHWY00562	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	



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