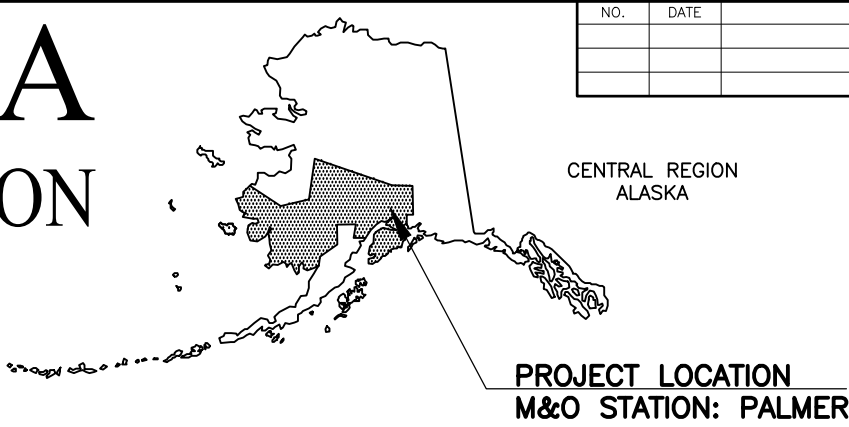


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5/20/2025 6:30 PM
TIME
DRAWING LOCATION
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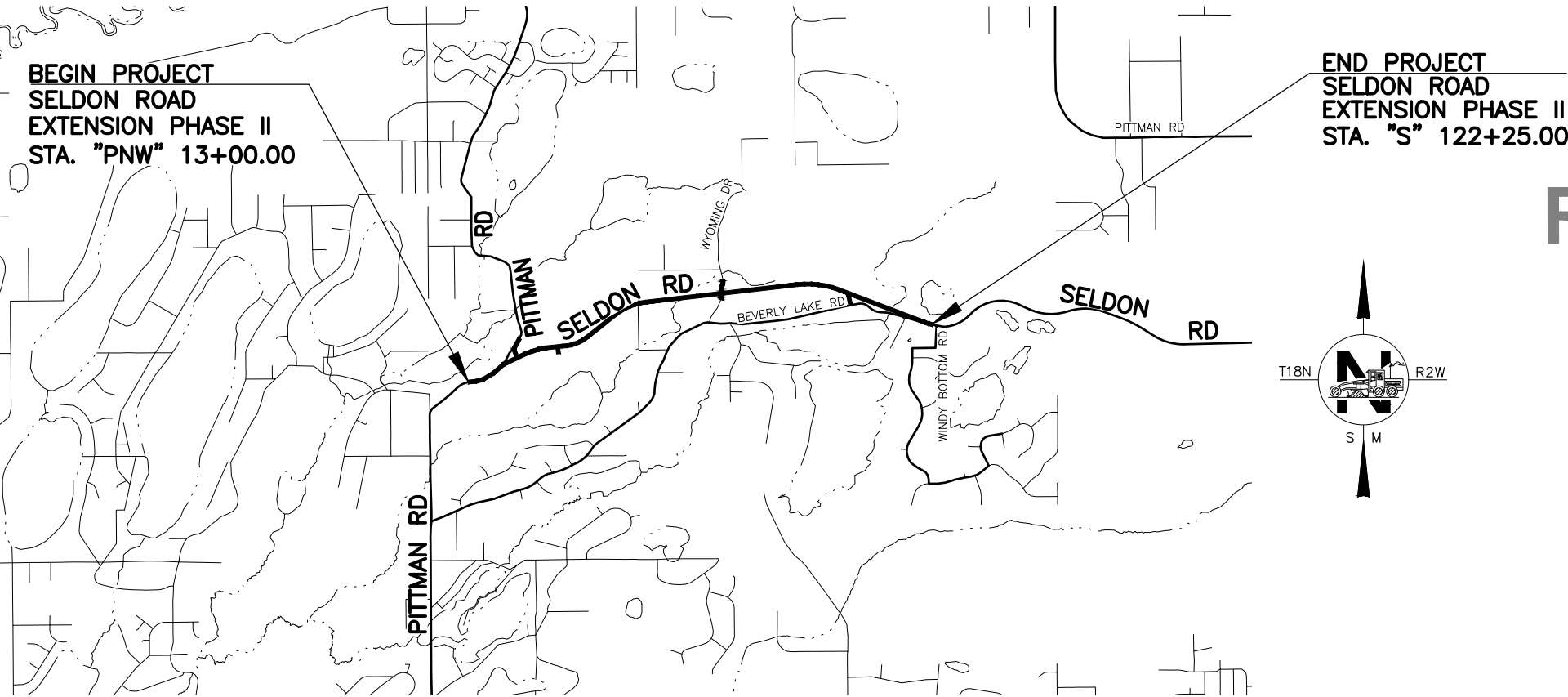
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
PROPOSED HIGHWAY PROJECT
SELDON RD EXTENSION PHASE II
WINDY BOTTOM/BEVERLY LAKES RD
TO PITTMAN RD (MSB)
PROJECT NO. 0001723/CFHWY00562
GRADING, DRAINAGE, PAVING, PATHWAYS,
ILLUMINATION, SIGNING, AND STRIPING



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				

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



REVIEW PS&E
MAY 2025

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

ABBREVIATIONS:

ATB	ASPHALT TREATED 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	HOURL	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.

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001723/CFHWY00562	2025	A2	A6

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:

D-01.02, D-04.22, D-06.10,
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

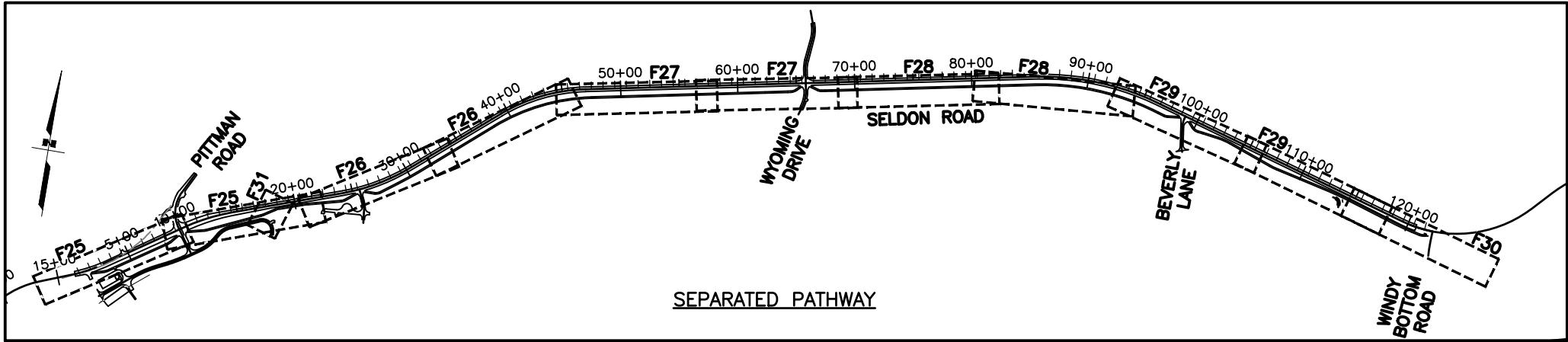
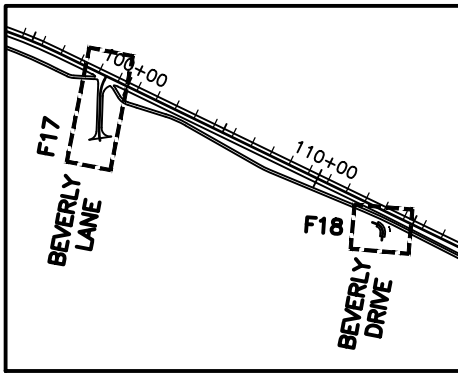
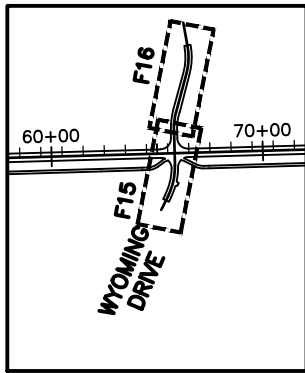
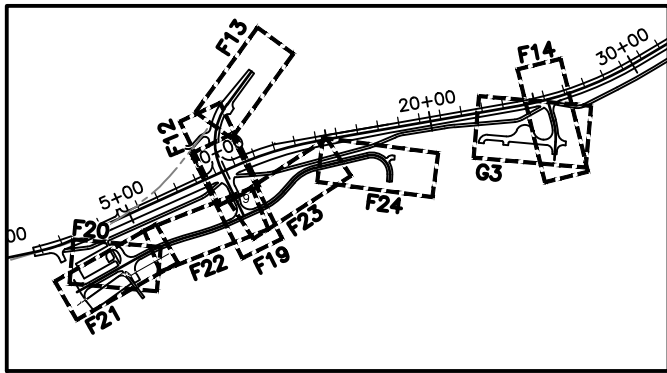
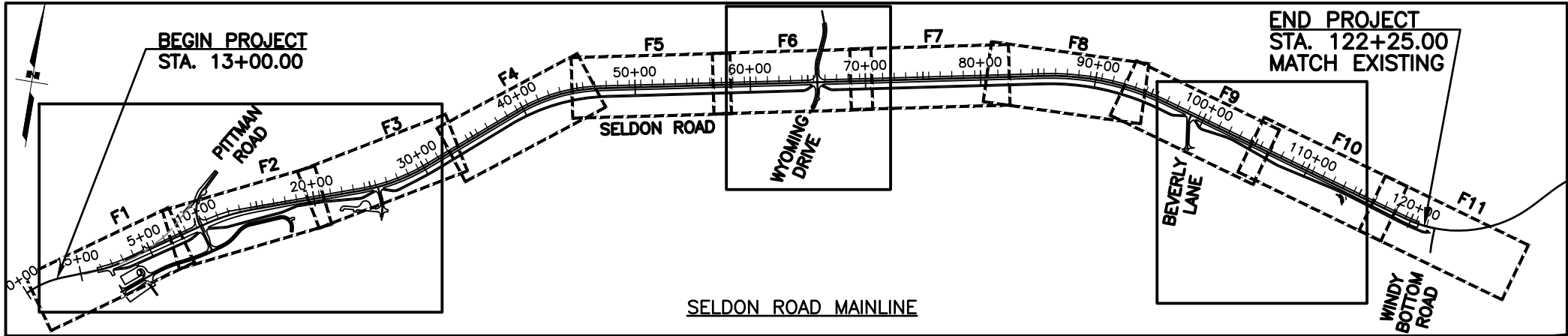
SPECIFICATION:

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.



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**

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



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		



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

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

DESIGNED BY
CHECKED BY
DRAFTED BY

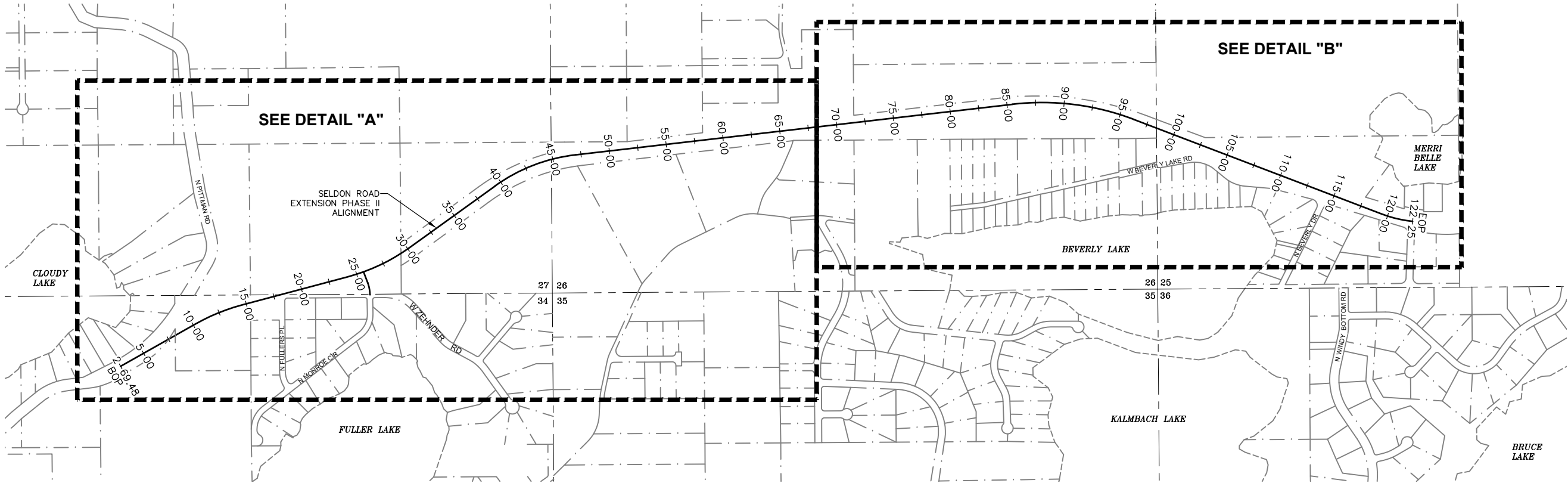
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DATE
5/21/2025

TIME

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



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

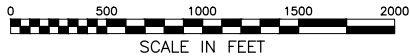
The project vertical datum is GNSS-derived NAVD88 using Geoid09AK, holding the orthometric elevation of control point 512 fixed at 411.670 U.S. Survey Feet.

PROJECT NOTES

- This survey does not constitute a subdivision as defined be AS 40.15.900(5).
- 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.
- 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.
- All elevations were established using a Trimble Dini digital bar-code autolevel.
- Recovered property corners shown on this sheet were surveyed using a combination of networked static and RTK GNSS techniques.
- 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.
- All dimensions, coordinates, and elevations shown are in U.S. Survey Feet unless otherwise noted.
- Documents referenced hereon are recorded in the Palmer Recording District, AK.

LEGEND

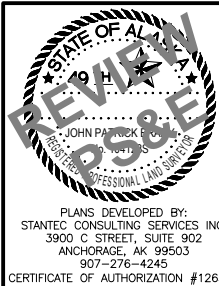
SECTION LINE
PARCEL LINE



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.

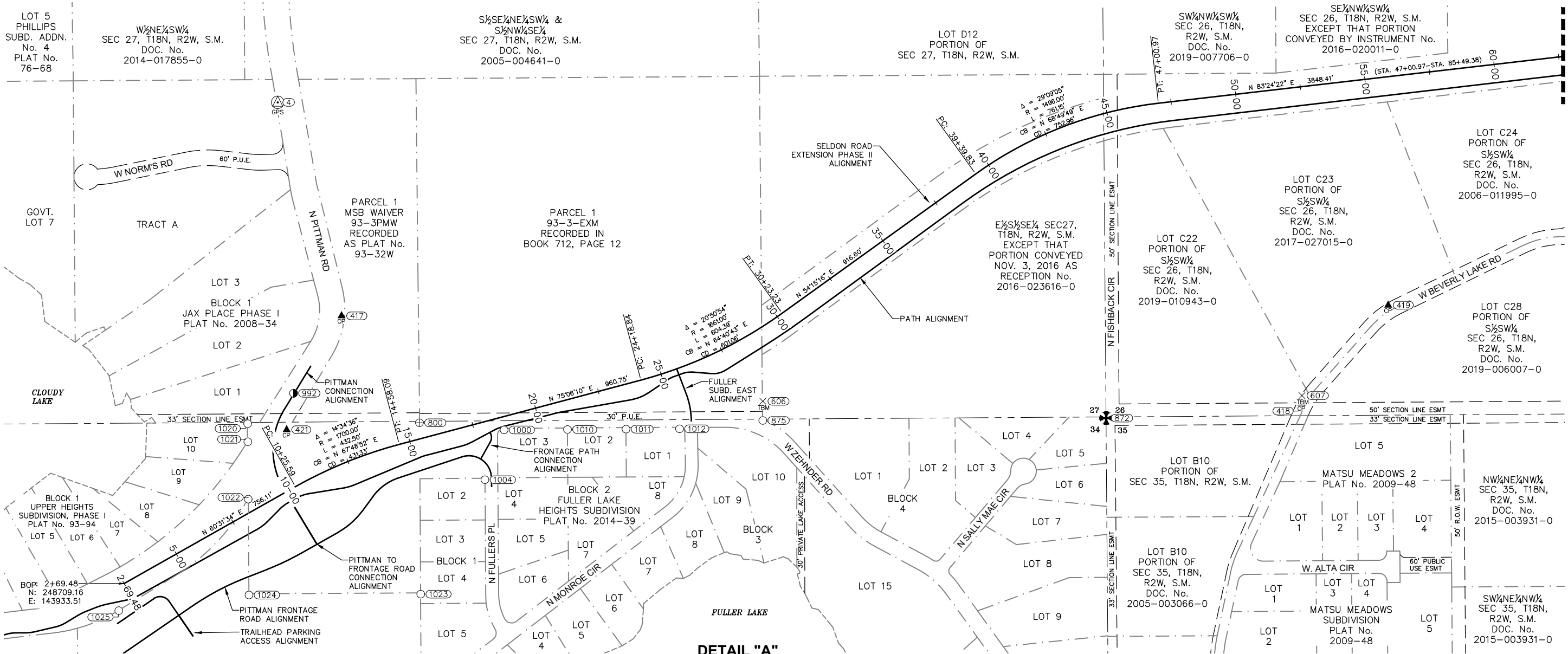
Dean Cimmiyotti LS-7613 Date



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**

DESIGNED BY
CHECKED BY
DRAFTED BY
SCALE
1" = 200'
DATE
5/21/2025
DRAWING LOCATION
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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001723/CFHWY00562	2025	A5	A6



DETAIL "A"

CONTROL SYMBOLS LEGEND

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

0 100 200 400 600 800
SCALE IN FEET

Found Monuments					
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

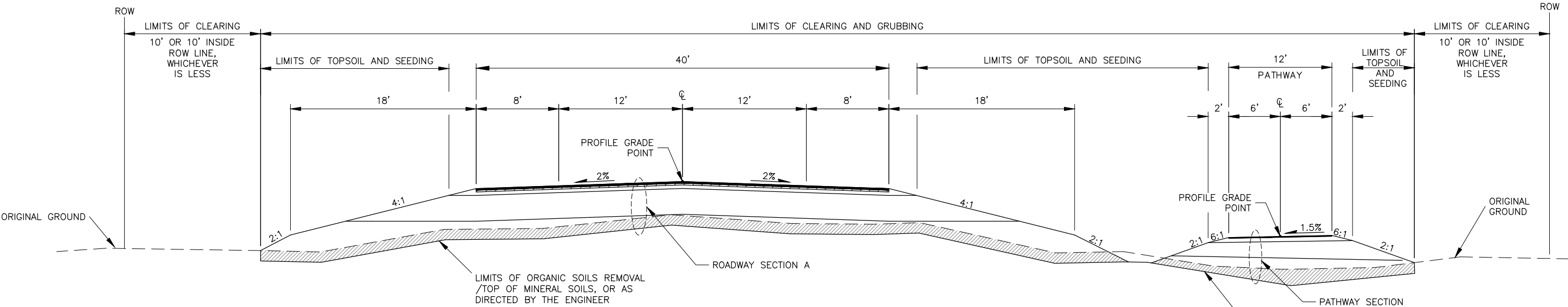
Point Station and Offset is in reference to the Seldon Road Extension Phase II Alignment.



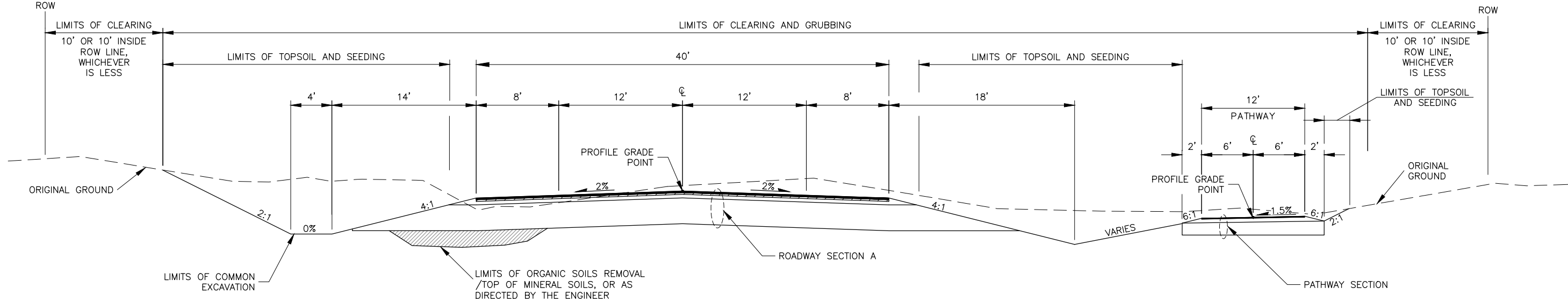
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
**SELDON ROAD EXTENSION
PHASE II
WINDY BOTTOM/BEVERLY LAKES RD
TO PITTMAN RD (MSB)
SURVEY CONTROL**

MLH
SMK
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DESIGNED BY
CHECKED BY
DRAFTED BY
SCALE
DATE
TIME
5/21/2025
DRAWING LOCATION
U:\2047079800\DRAWING\01723_B01-B03_TYP.DWG

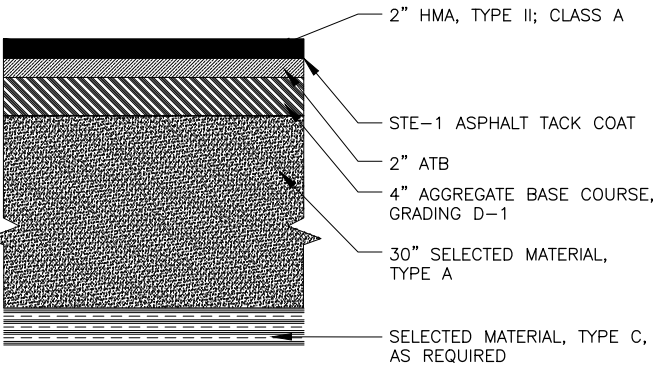
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001723/CFHWY00562	2025	B1	B2



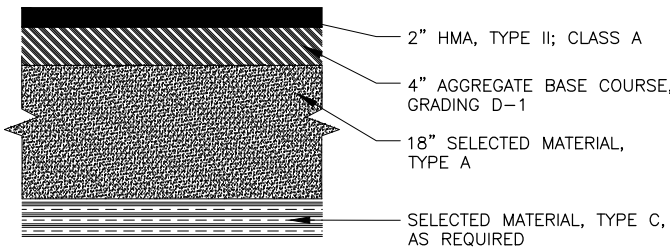
SELDON ROAD – FILL
STA. "PNW" 16+50 TO "S" 122+25



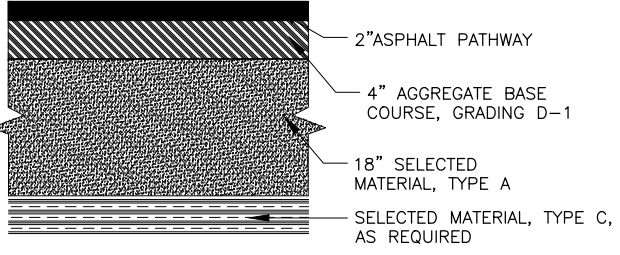
SELDON ROAD – CUT
STA. "PNW" 16+50 TO "S" 122+25



ROADWAY SECTION A



ROADWAY SECTION B



PATHWAY SECTION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SELDON ROAD EXTENSION
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

MLH
SMK
MTM

DESIGNED BY
CHECKED BY
DRAFTED BY

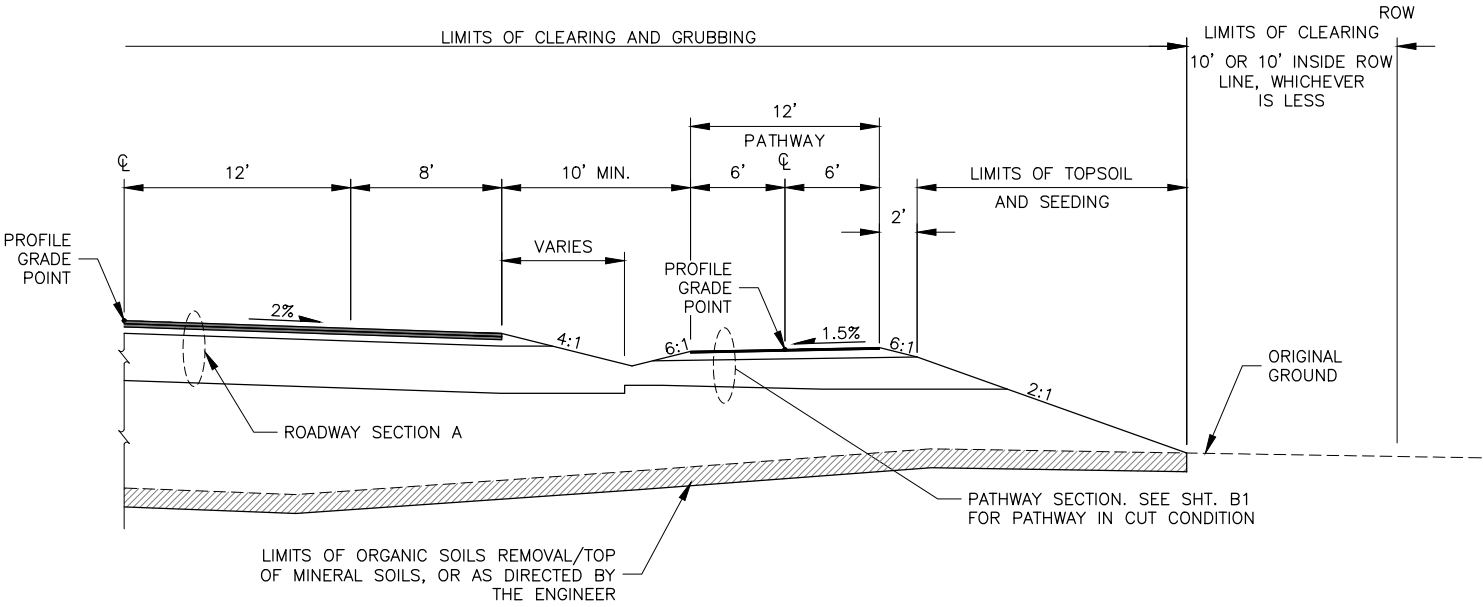
SCALE

DATE
5/21/2025

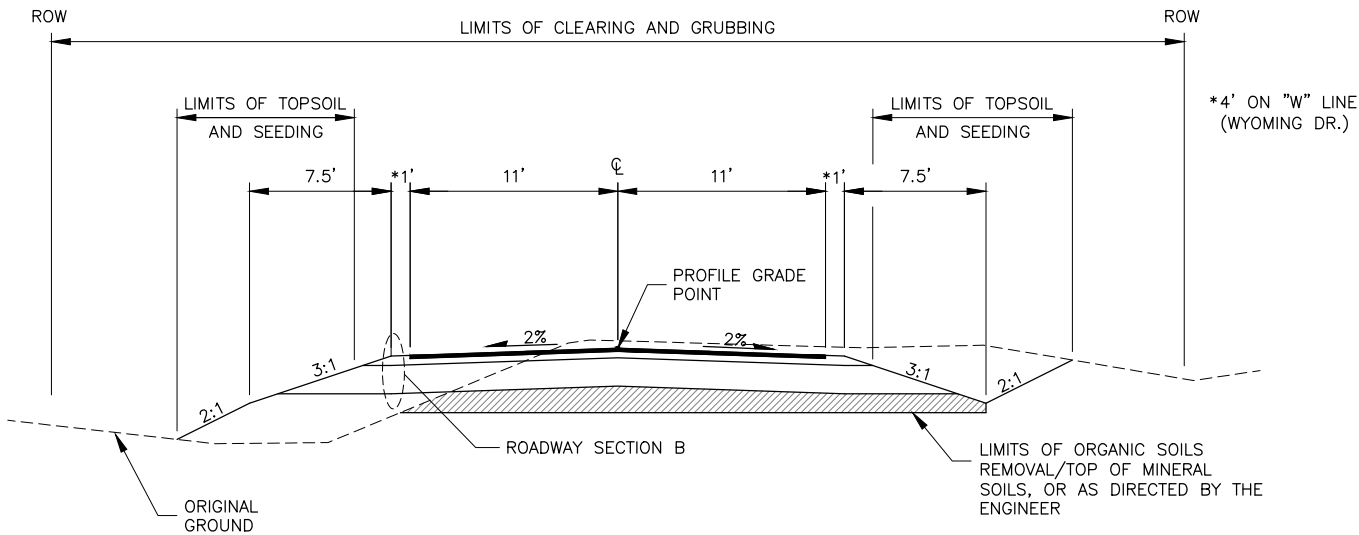
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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001723/CFHWY00562	2025	B2	B2

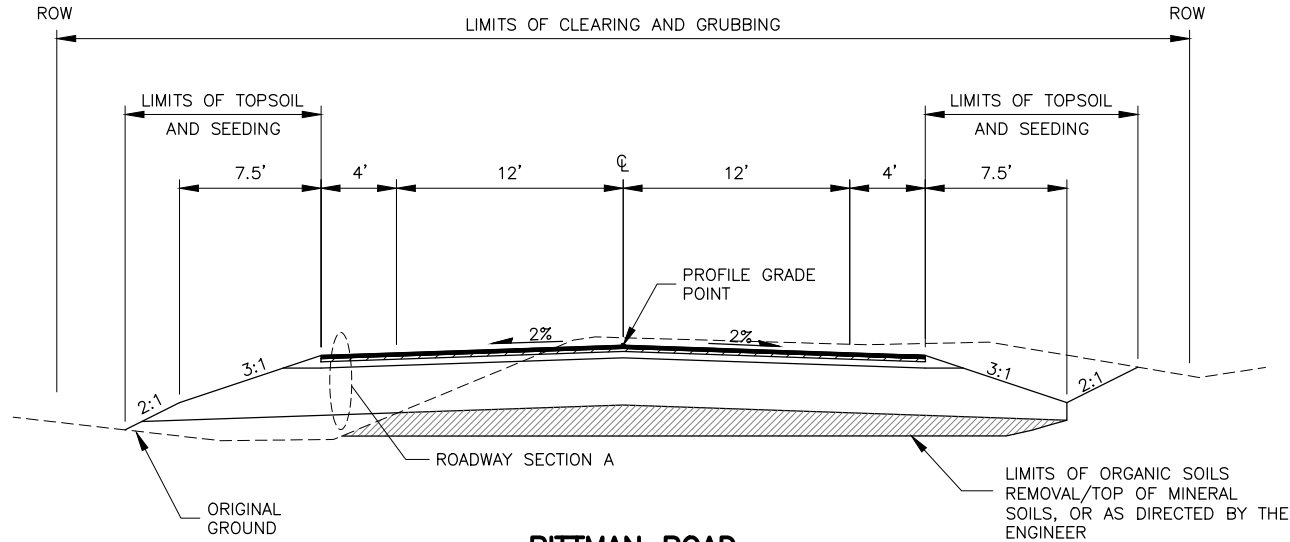


PATHWAY ADJACENT TO ROADWAY



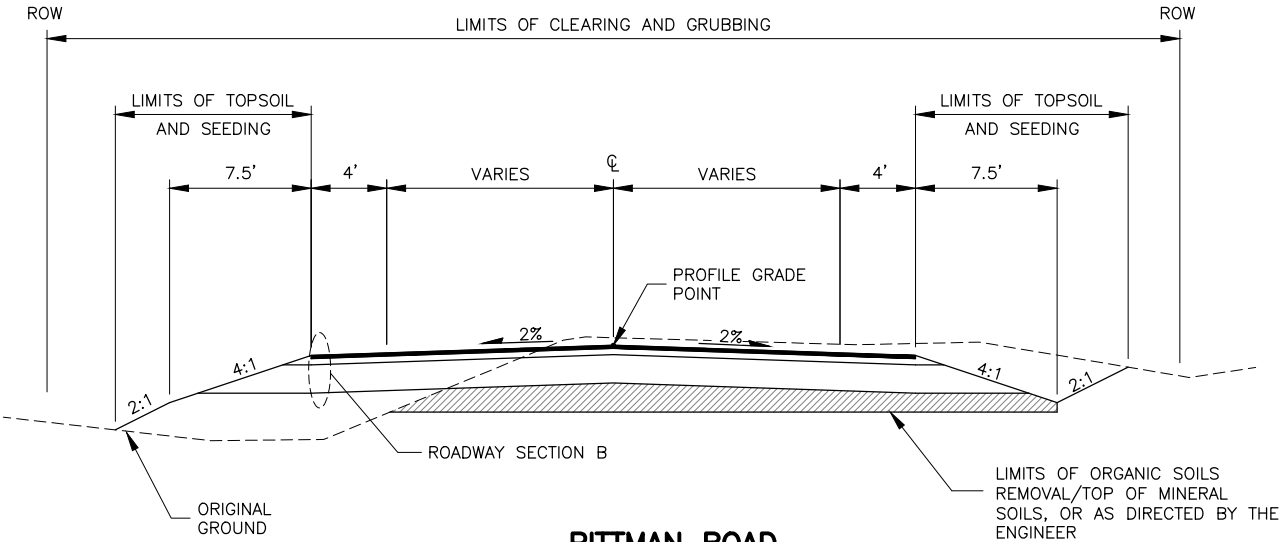
APPROACH ROADS

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		FILL	DITCH OFFSET	FORESLOPE		FORESLOPE	DITCH OFFSET	FILL	CUT	
SLOPE	FLAT BOTTOM DITCH									
1.5:1	4'	2:1	14'	4:1	"S"90+05 TO "S"90+45	4:1	18'	2:1	2:1	



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

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

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	WITHHOLDING	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 TRAINESS / 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.



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)
ESTIMATE OF QUANTITIES

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001723/CFHWY00562	2025	D0	D2

203.0003.0000 – EARTHWORK SUMMARY

LINE	STATION		EXCAVATION				EMBANKMENT
	FROM	TO	UNCLASSIFIED EXCAVATION MAINLINE (CY)	WASTE EST. @ 30% MAINLINE (CY)	UNCLASSIFIED EXCAVATION: USABLE (CY)	*SHRUNK UNCL. EX. USABLE AS BORROW, TYPE C (CY)	SELECTED MATERIAL, TYPE C (CY)
W SELDON ROAD	"S" 2+69	"S" 120+74	101678.0	30503.4	71174.6	60498.4	11538.0
FRONTAGE ROAD	"F" 10+14	"F" 27+35	21109.0	6332.7	14776.3	12559.9	841.0
PITTMAN ROAD (NORTH)	"PN" 10+00	"PN" 15+30	30740.5	9222.2	21518.4	18290.6	32.0
N MONROE CIR	"M" 10+22	"M" 11+99	0.0	0.0	0.0	0.0	612.0
BEVERLY WAY	"B" 10+21	"B" 12+99	11.0	3.3	7.7	6.5	1319.0
BEVERLY DRIVE	"BD" 10+26	"BD" 10+95	272.0	81.6	190.4	161.8	0.0
PITTMAN ROAD (SOUTH)	"PF" 150+00	"PF" 152+34	936.0	280.8	655.2	556.9	0.0
WYOMING DR	"W" 10+50	"W" 18+00	1585.0	475.5	1109.5	943.1	4887.0
PARKING LOT	"T" 10+00	"T" 13+98	260.0	78.0	182.0	154.7	535.0
EXTRA PARKING	"F" 10+17	"F" 12+45	990.0	297.0	693.0	589.1	0.0
PATHWAY	"P" 6+13	"P" 126+90	19410.0	5823.0	13587.0	11549.0	5222.0
PATHWAY FRONTAGE RD CONNECTION	"P" 22+00	"P" 77+80	0.0	0.0	0.0	0.0	195.0
TOTAL (CY):			176,991.5	53,097.5	123,894.1	105,309.9	25,181.0
TOTAL ROUNDED (CY):			177,000	54,000	124,000	106,000	26,000

NOTES:

1. WASTE = 0.30 x UNCLASSIFIED EXCAVATION
2. UNCLASSIFIED EXCAVATION (USABLE) = UNCLASSIFIED EXCAVATION – WASTE
3. ESTIMATED SHRUNK COMMON EXCAVATION (USABLE) = 0.85 x UNCLASSIFIED EXCAVATION (USABLE)
4. USABLE EXCAVATED MATERIAL IS EXPECTED TO BE ENCOUNTERED ON N. FULLER PLACE AND N. PITTMAN ROAD.



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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

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

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	

202.0002.0000 – 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	

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	

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	

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

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		

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	

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	

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	



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

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	

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	

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		



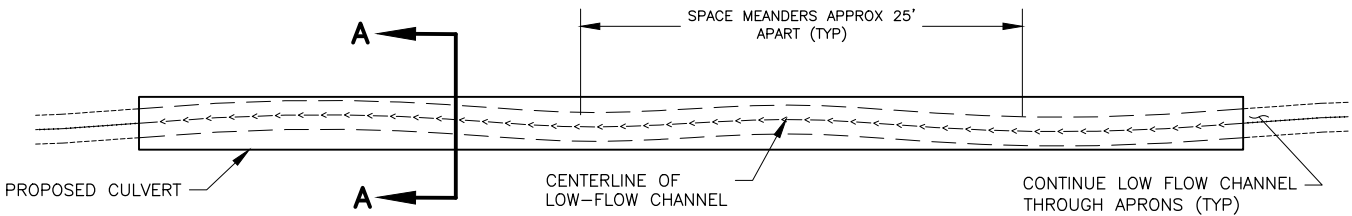
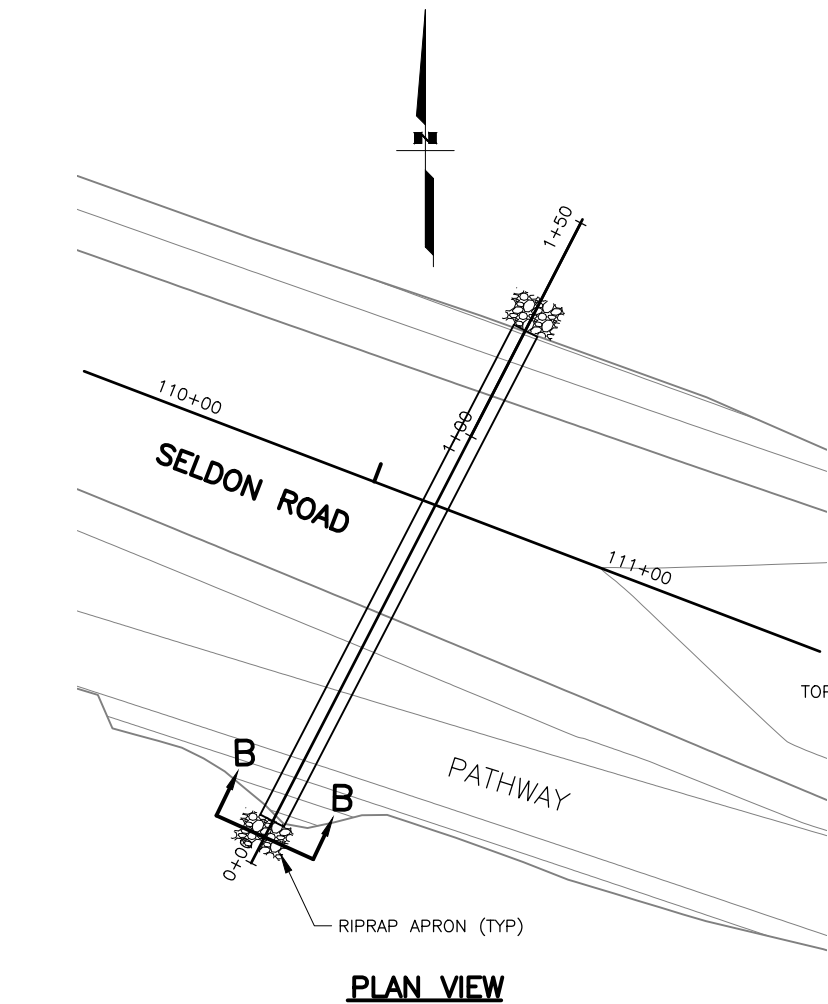
STATE OF ALASKA
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**SELDON ROAD EXTENSION
PHASE II
WINDY BOTTOM/BEVERLY LAKES RD
TO PITTMAN RD (MSB)
SUMMARY TABLES**

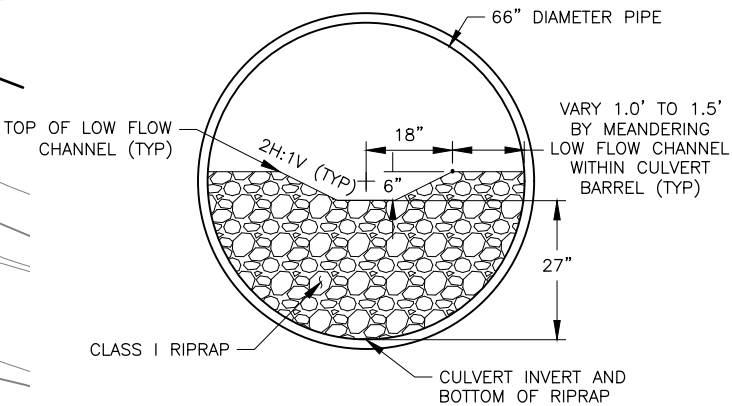
PLANS DEVELOPED BY:
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3900 C STREET, SUITE 902
ANCHORAGE, AK 99503
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CERTIFICATE OF AUTHORIZATION #126386

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DESIGNED BY
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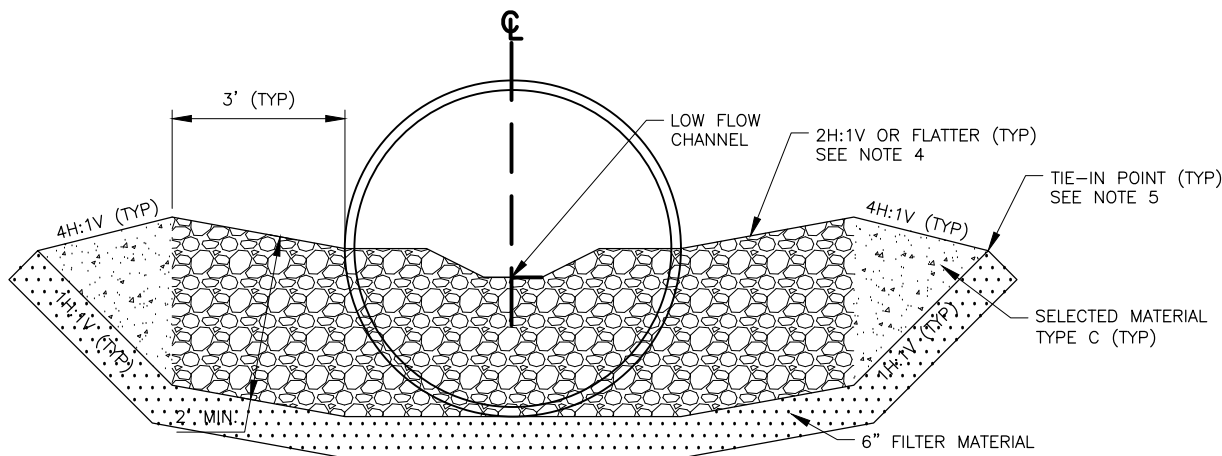
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001723/CFHWY00562	2025	E1	E5



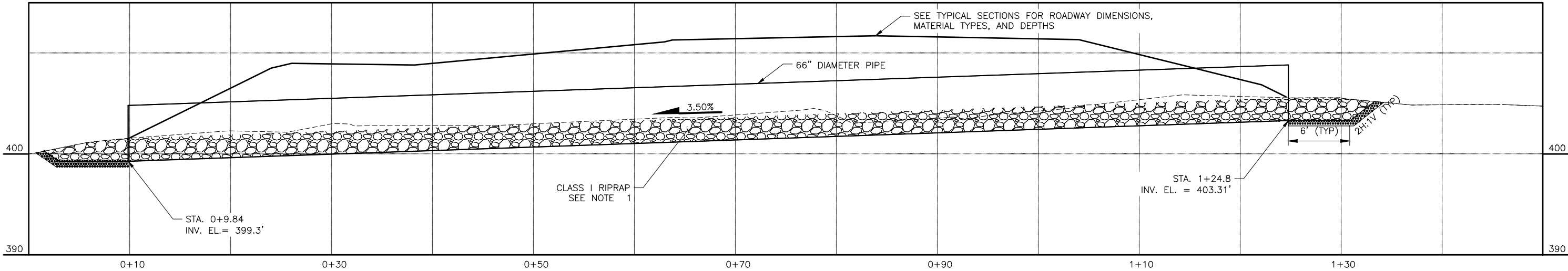
CULVERT CHANNEL LAYOUT



SECTION A-A



APRON SECTION B-B



PROFILE VIEW

NOTES:

- 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.
- PIPE SHALL BE 10 GAGE WITH 3" BY 1" CORRUGATIONS.
- RIPRAP THICKNESS IS MEASURED PERPENDICULAR TO FINISHED GROUND.
- WARP APRON SLOPE TO SHAPE CREEK BANKS TO MATCH EXISTING CREEK SIZE AND SHAPE.
- 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			



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

MLH
SMK
MTH

DESIGNED BY
CHECKED BY
DRAFTED BY

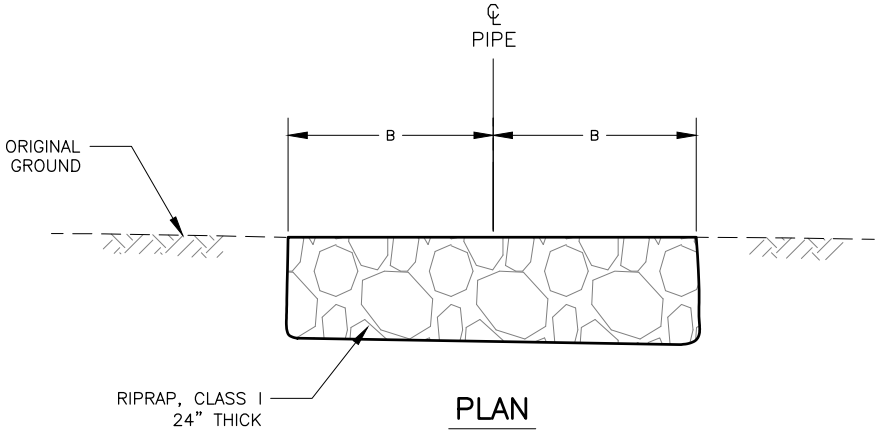
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DATE
5/21/2025

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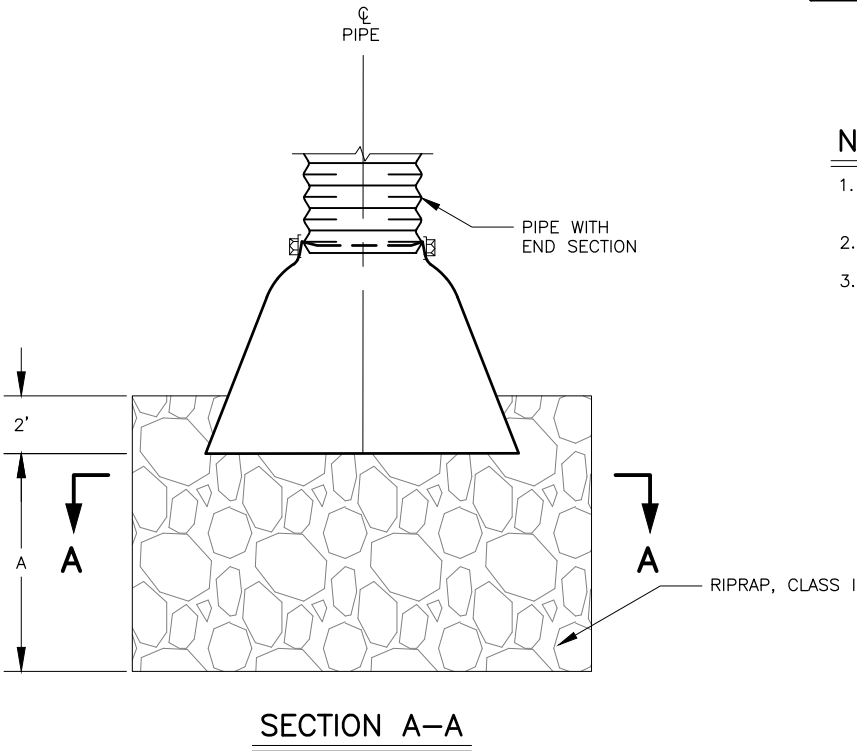
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			ALASKA	0001723/CFHWY00562	2025	E2	E5



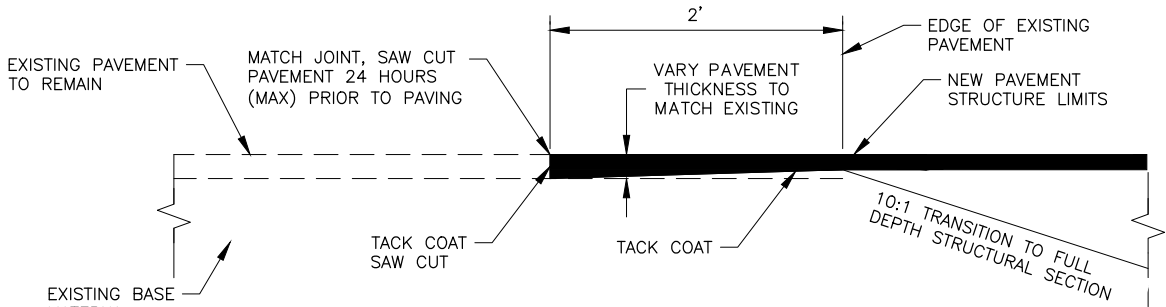
RIPRAP DIMENSIONS FOR ENERGY DISSIPATOR		
PIPE DIAMETER (INCHES)	DIMENSIONS IN INCHES	
	A	B
18 & 24	5'	4'

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.



RIPRAP ENERGY DISSIPATER



PAVEMENT MATCH JOINT DETAIL



PLANS DEVELOPED BY:
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DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
**SELDON ROAD EXTENSION
PHASE II
WINDY BOTTOM/BEVERLY LAKES RD
TO PITTMAN RD (MSB)
DETAILS**

DESIGNED BY
CHECKED BY
DRAFTED BY

MLH
SMK
MTH

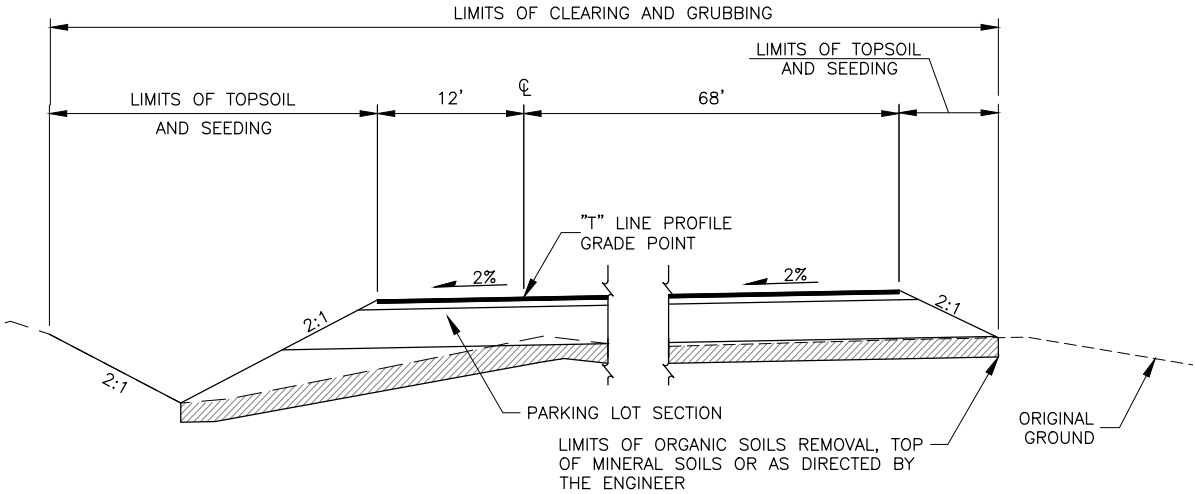
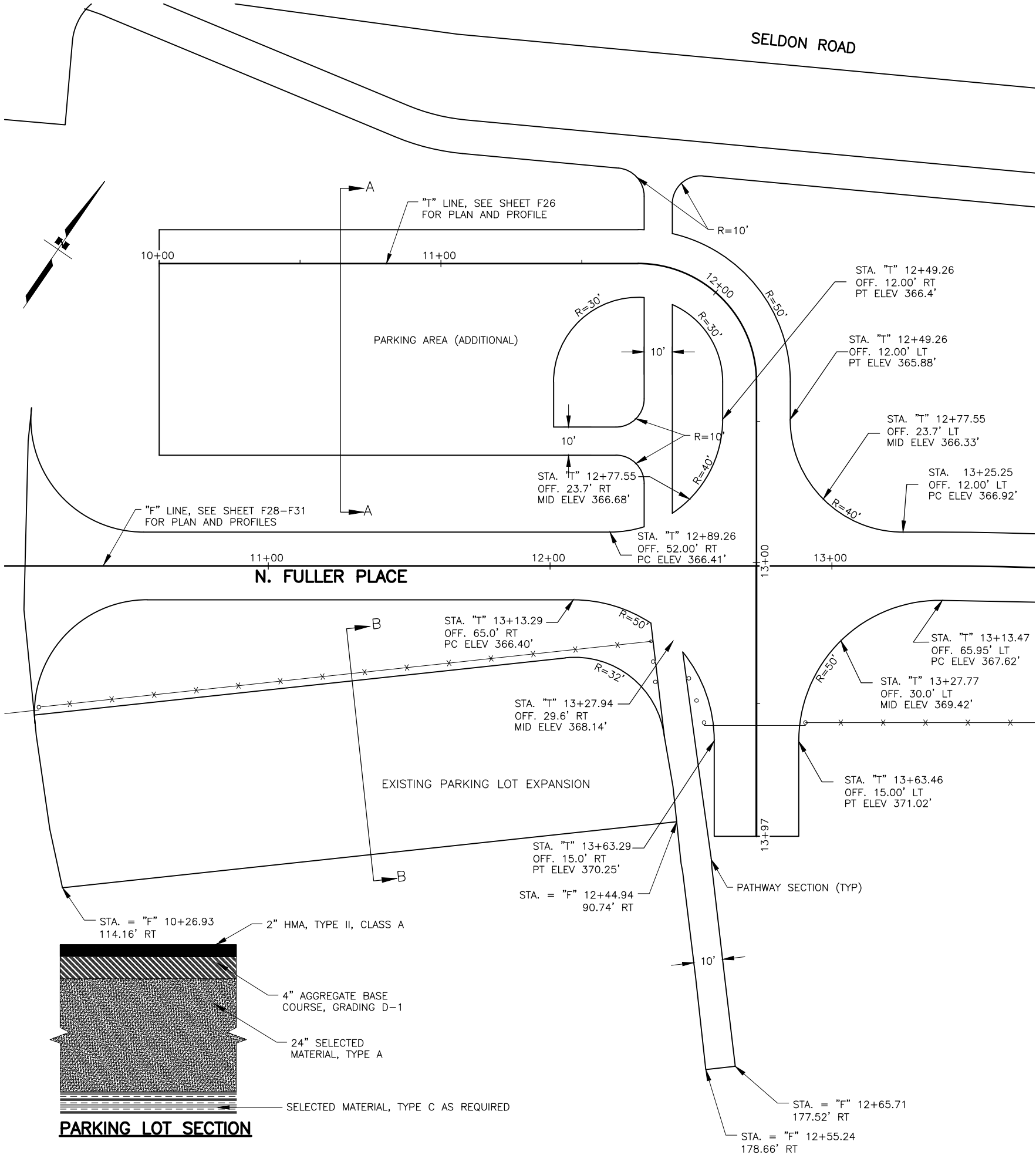
SCALE
1" = 20'

DATE
5/21/2025

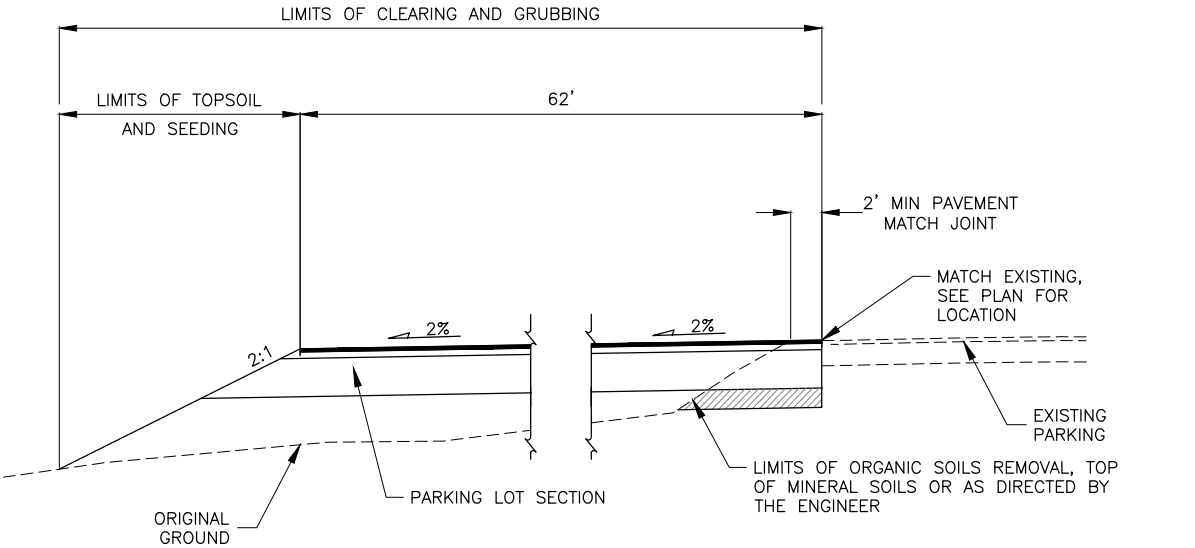
TIME

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



SECTION A-A



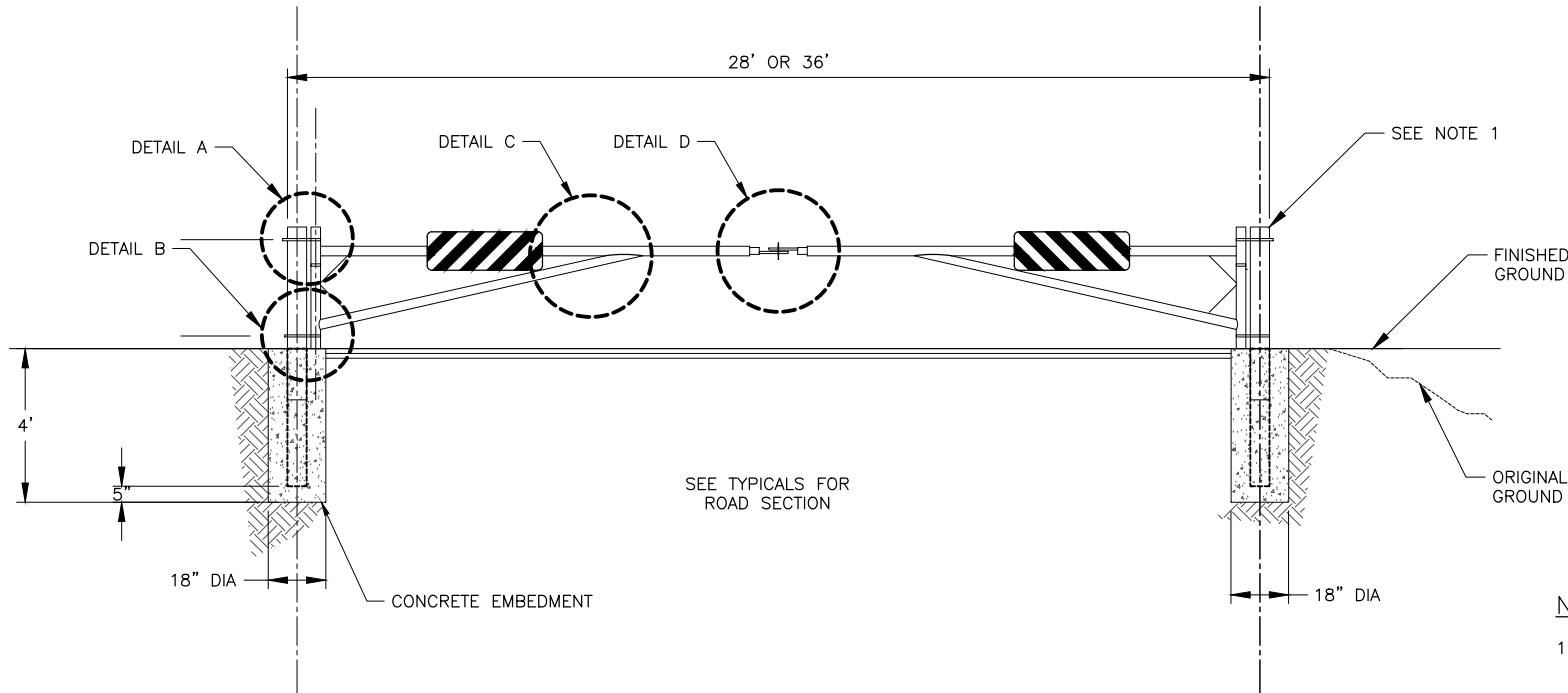
SECTION B-B



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

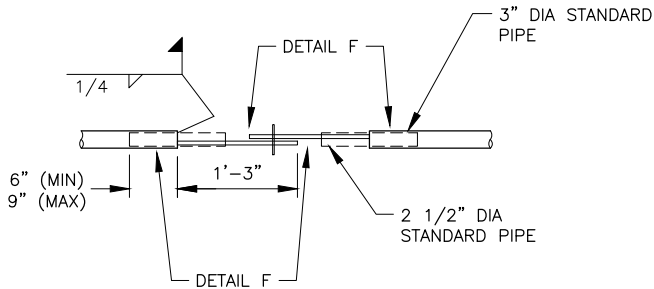
SELDON ROAD EXTENSION
PHASE II
WINDY BOTTOM/BEVERLY LAKES RD
TO PITTMAN RD (MSB)
PARKING DETAILS

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001723/CFHWY00562	2025	E4	E5

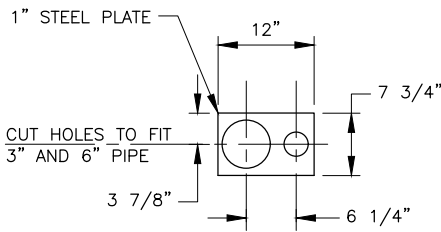


DRIVE GATE ELEVATION

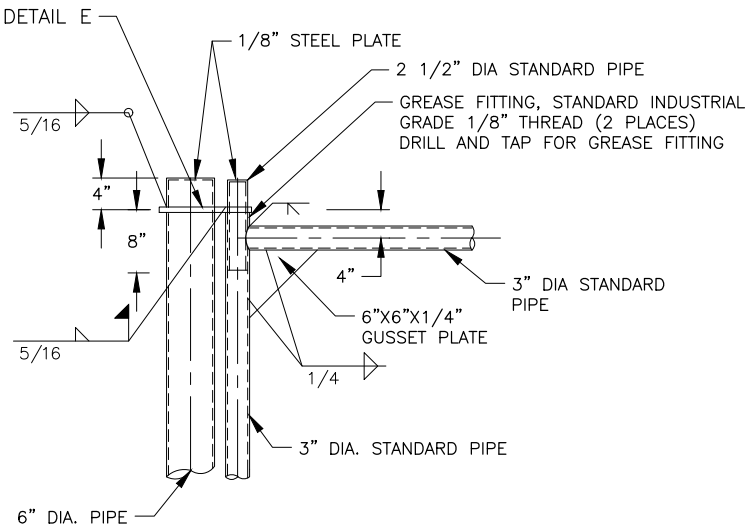
- NOTES:
- GATE SHALL BE HOT DIPPED GALVANIZED. COLD GALVANIZE FIELD WELDS.
 - CONTRACTOR TO CONFIRM GATE SWINGS FREELY.
 - PROVIDE HOLD OPEN LATCH SYSTEM FOR BOTH GATE PANELS.
 - INSTALL LOCK RECEIVER PIPE AND PLATE (2 EA) IN THE FIELD TO ENSURE PROPER FIT. COLD GALVANIZE AFTER INSTALLATION.



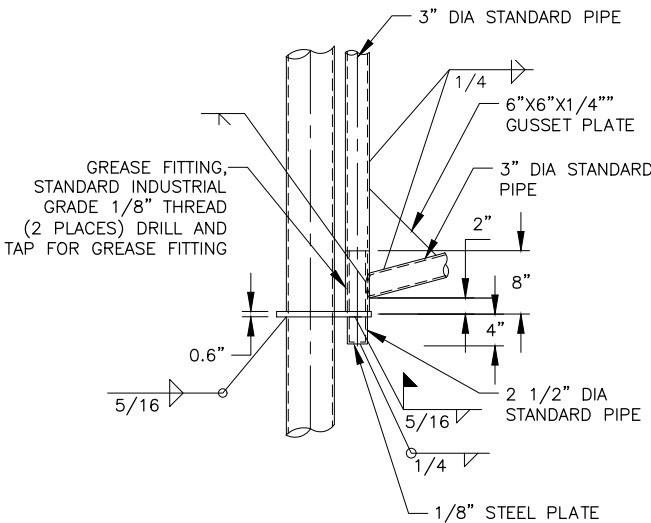
DETAIL D



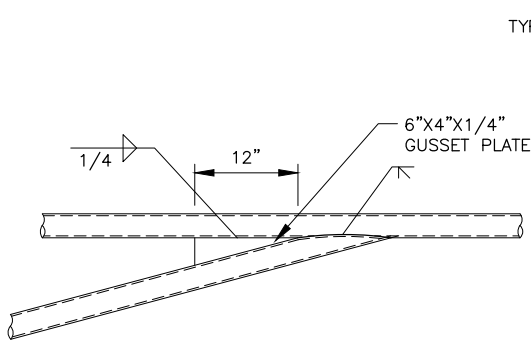
DETAIL E



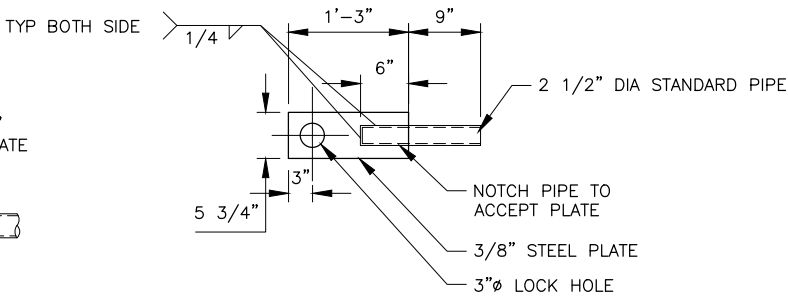
DETAIL A



DETAIL B



DETAIL C

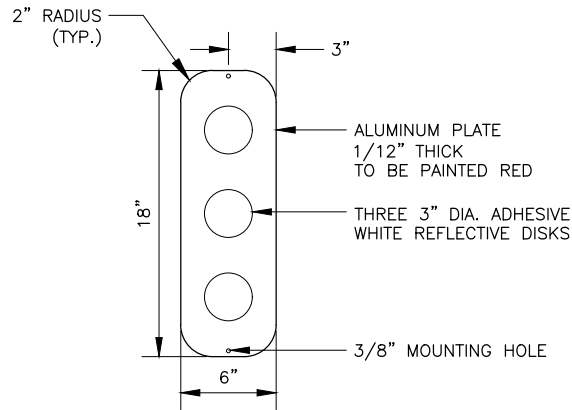


DETAIL F

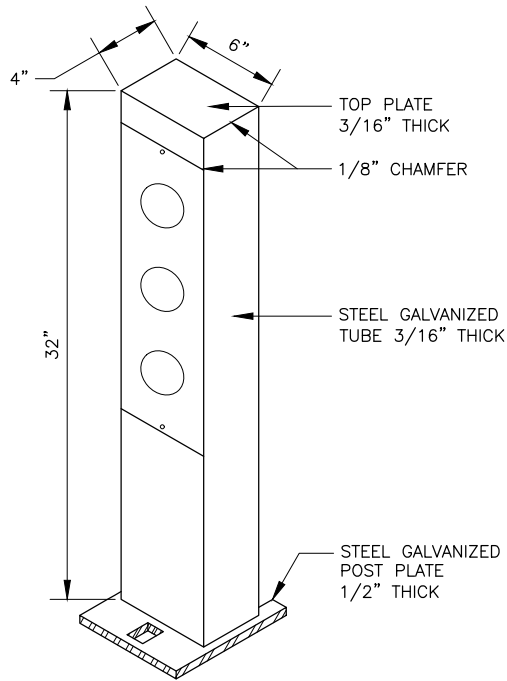


STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

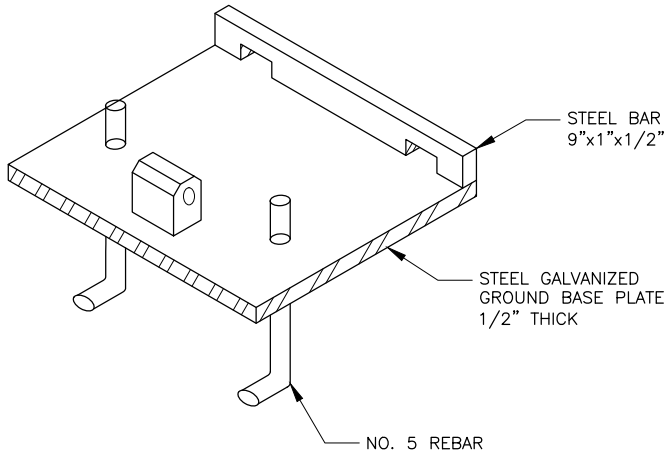
**SELDON ROAD EXTENSION
PHASE II
WINDY BOTTOM/BEVERLY LAKES RD
TO PITTMAN RD (MSB)
DRIVE GATE DETAILS**



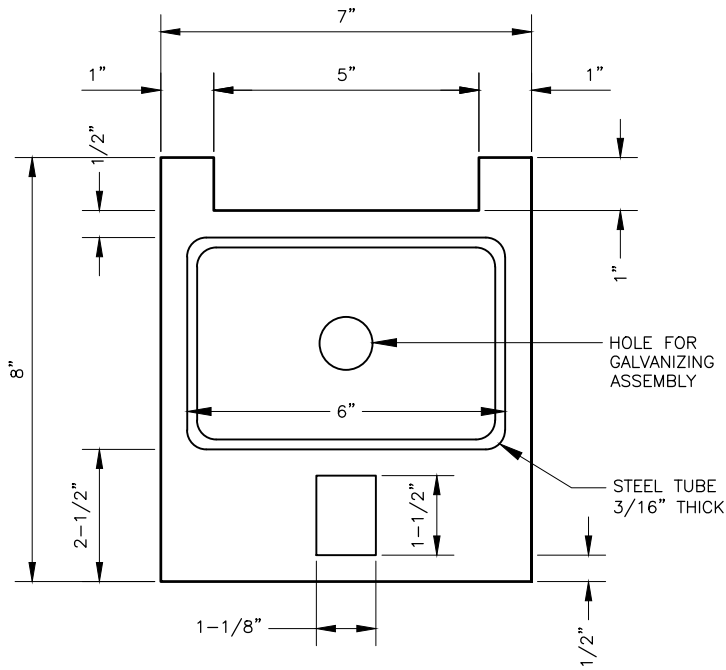
REFLECTOR PLATE



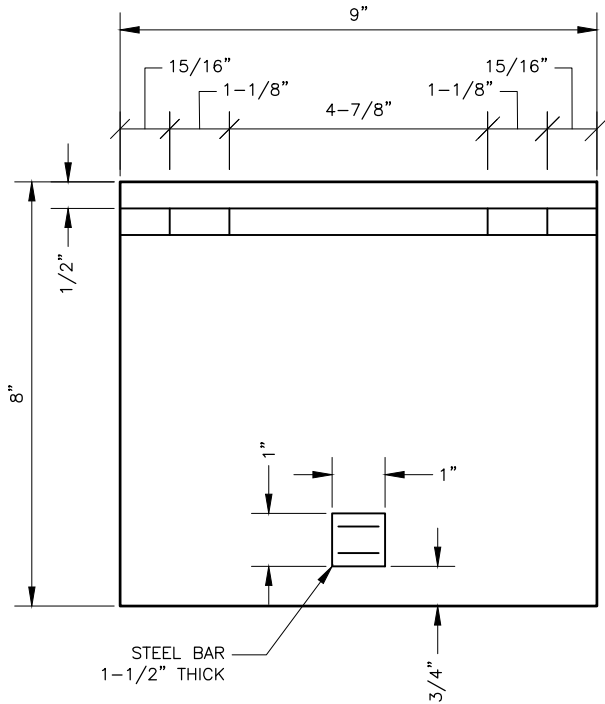
REFLECTOR PLATE AND STEEL POST



GROUND BASE PLATE (ISOMETRIC VIEW)



POST BASE PLATE

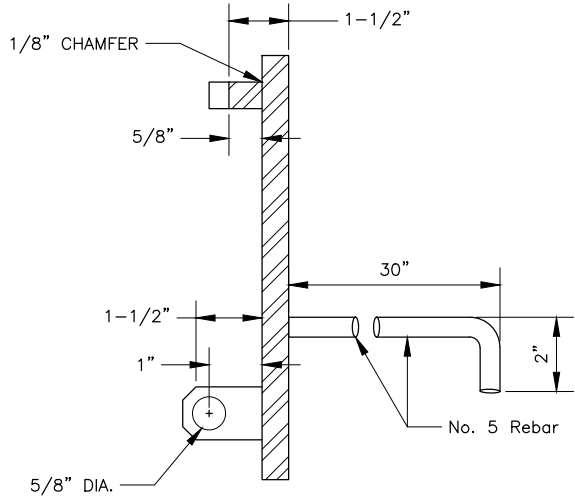


GROUND BASE PLATE

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

REMOVABLE STEEL BOLLARD NOTES:

- ALL WELDS, UNLESS OTHERWISE SHOWN, SHALL BE 3/16-INCH FILLET ON ALL SIDES.
- 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.
- ALL EXTERIOR CORNERS SHALL BE ROUNDED TO PROVIDE A PROJECTION FREE SURFACE.
- INSTALL REFLECTOR PLATES WITH ADHESIVE DISK REFLECTORS ON BOTH FRONT AND BACK OF POST.
- USE OF "OLD STYLE" STEEL SLEEVE WITH REMOVABLE WOOD BOLLARD IS PROHIBITED.



GROUND BASE PLATE (SIDE 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

P.I. STA. "PNW" 11+91.87
N = 248469.5883
E = 143258.155
Δ = 20°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
Δ = 12°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

SUPER TRANSITION DATA
MATCH EXISTING e = 4.6% AT "S" 2+69
EFS = "S" 2+69.48
EST = "S" 5+07.48

"P" LINE.
SEE SHEETS
F25-F31

N FULLER PLACE

"F" LINE.
SEE SHEETS F21-F24

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%	

STA "PW" 16+50.00
MATCH EXISTING

STA "PW" 18+41.26=
STA "S" 2+03.16
ELEV. 359.31'

ORIGINAL GROUND

0.38%

FINISHED GRADE

P1-1

P1-2

SHEET NO.
F1

TOTAL SHEETS
F31

STATE
ALASKA

YEAR
2025

PROJECT DESIGNATION
001723/
CFHWY00562

NO.

REVISION

DATE

NO.

REVISION

DATE

NO.

REVISION

DATE

THIS SHEET

PITTMAN RD

SELDON RD EXTENSION

WYOMING DR

WINDY BOTTOM RD

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

SELDON RD EXTENSION

PHASE II

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

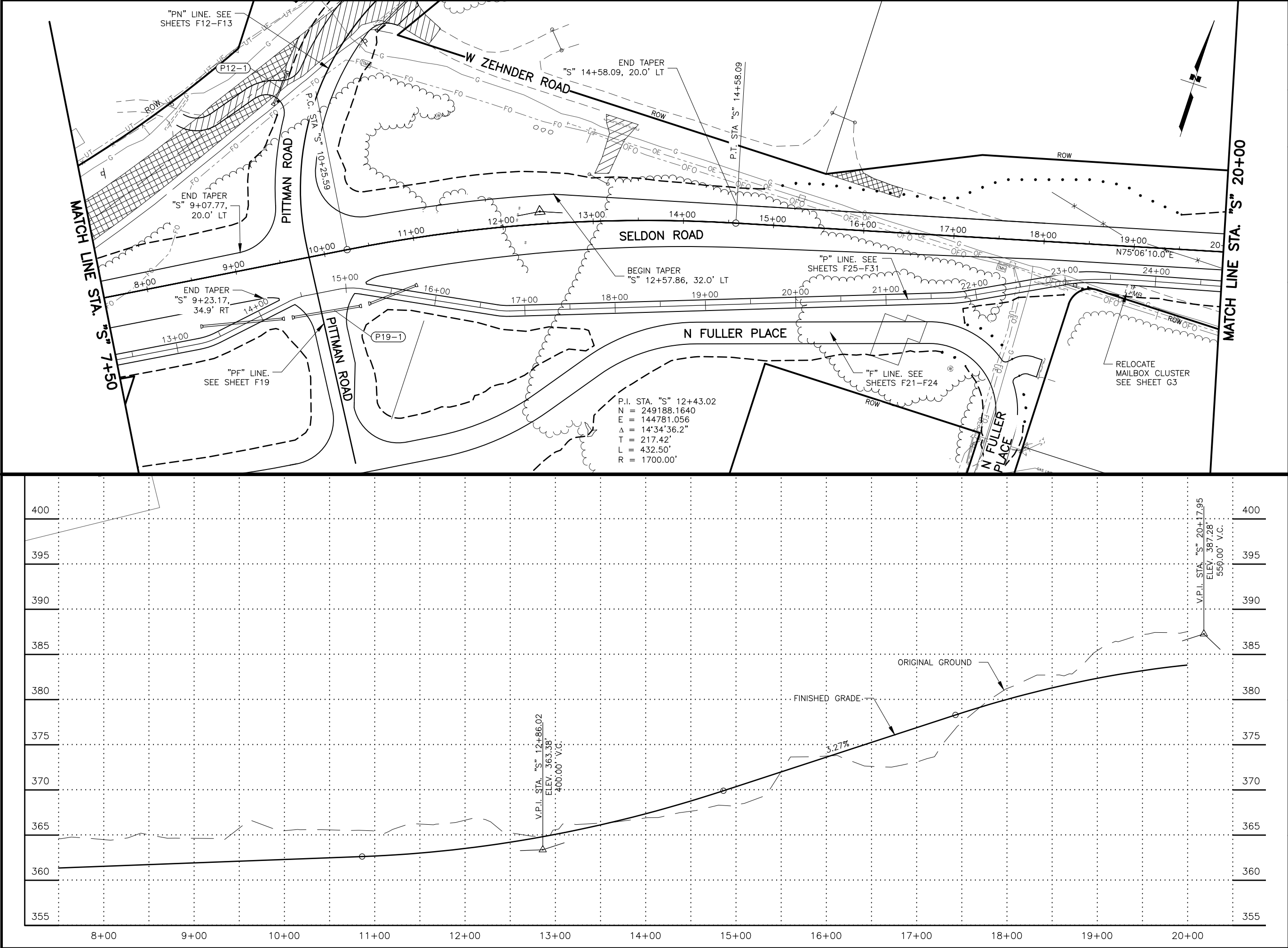
SELDON RD

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

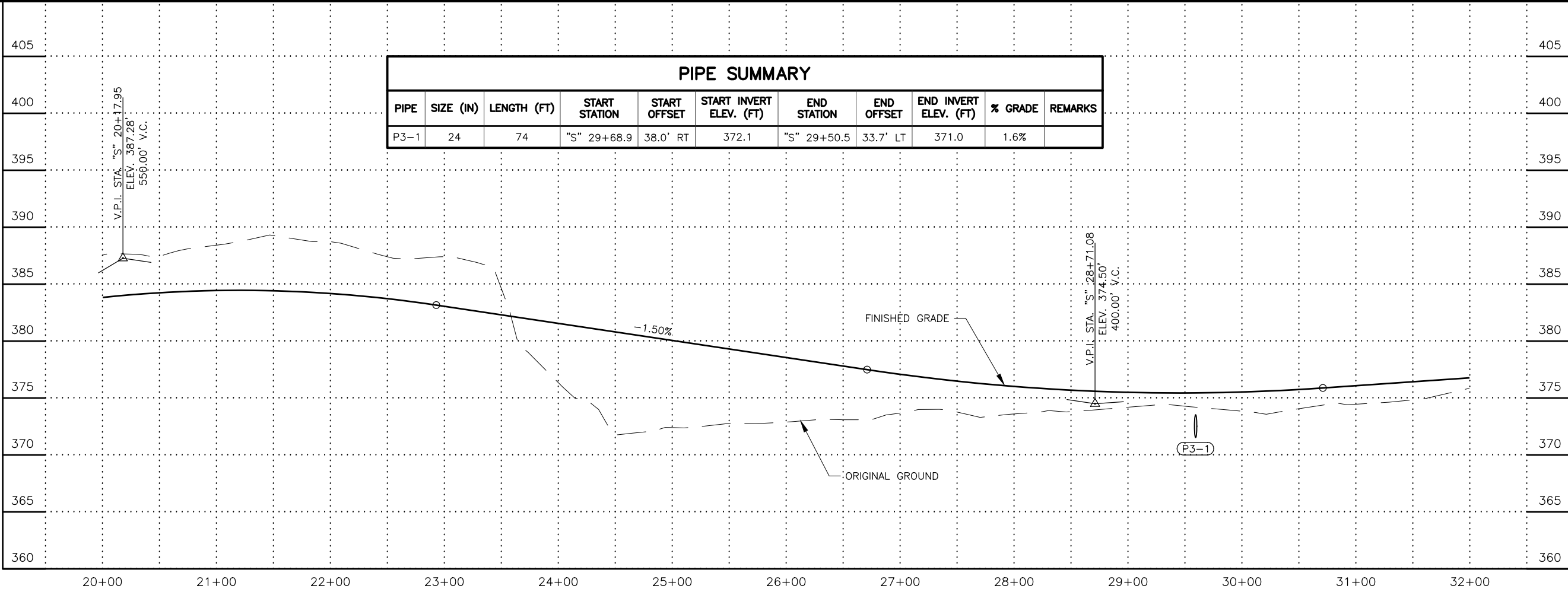
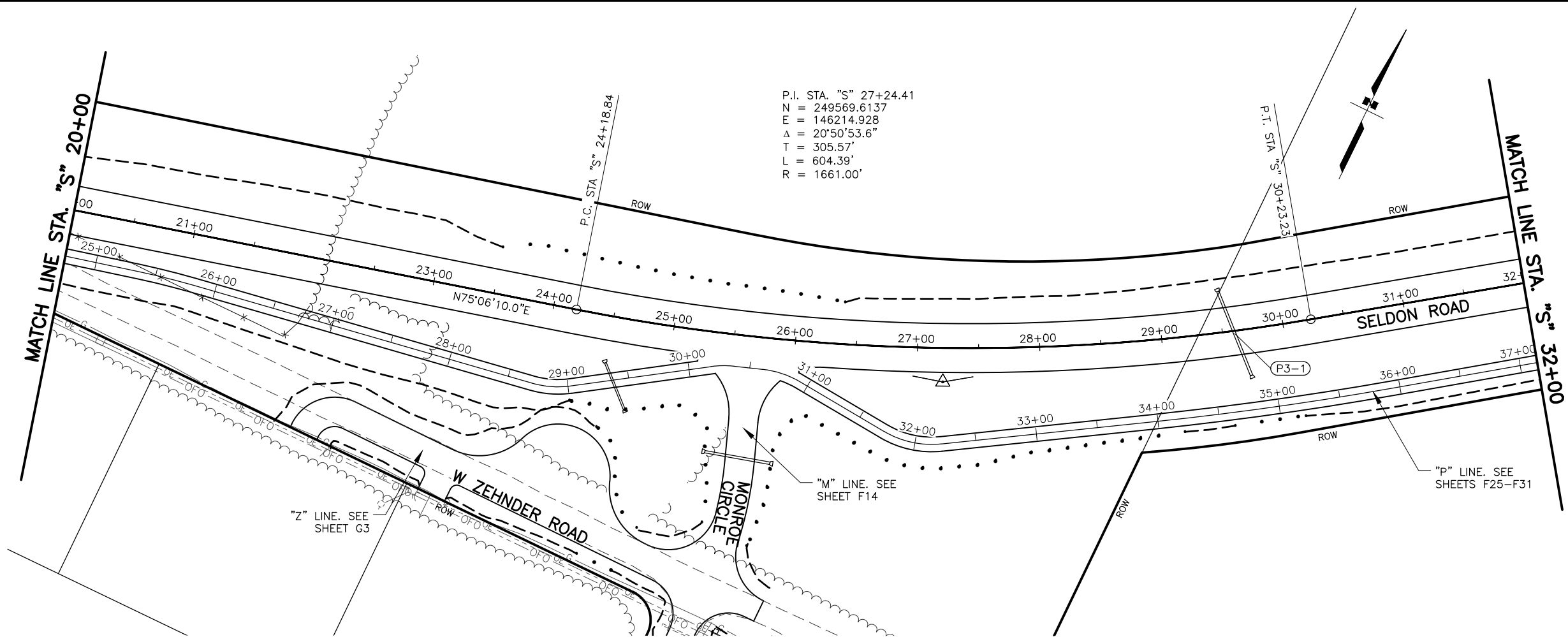


SHEET NO.	F2	TOTAL SHEETS	F31
STATE	ALASKA	YEAR	2025
PROJECT DESIGNATION			
001723/ CFHWY00562			
NO.	REVISION		
DATE			
NO.	REVISION		
DATE			
NO.	REVISION		
DATE			

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. 8+00 TO 20+00



SHEET NO.
F3

TOTAL SHEETS
F31

STATE
ALASKA

YEAR
2025

PROJECT DESIGNATION
001723/
CFHWY00562

NO.

REVISION

DATE

NO.

REVISION

DATE

NO.

REVISION

DATE

THIS SHEET

WINDY BOTTOM RD

PITTMAN RD

SELDON RD EXTENSION

WYOMING DR

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

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

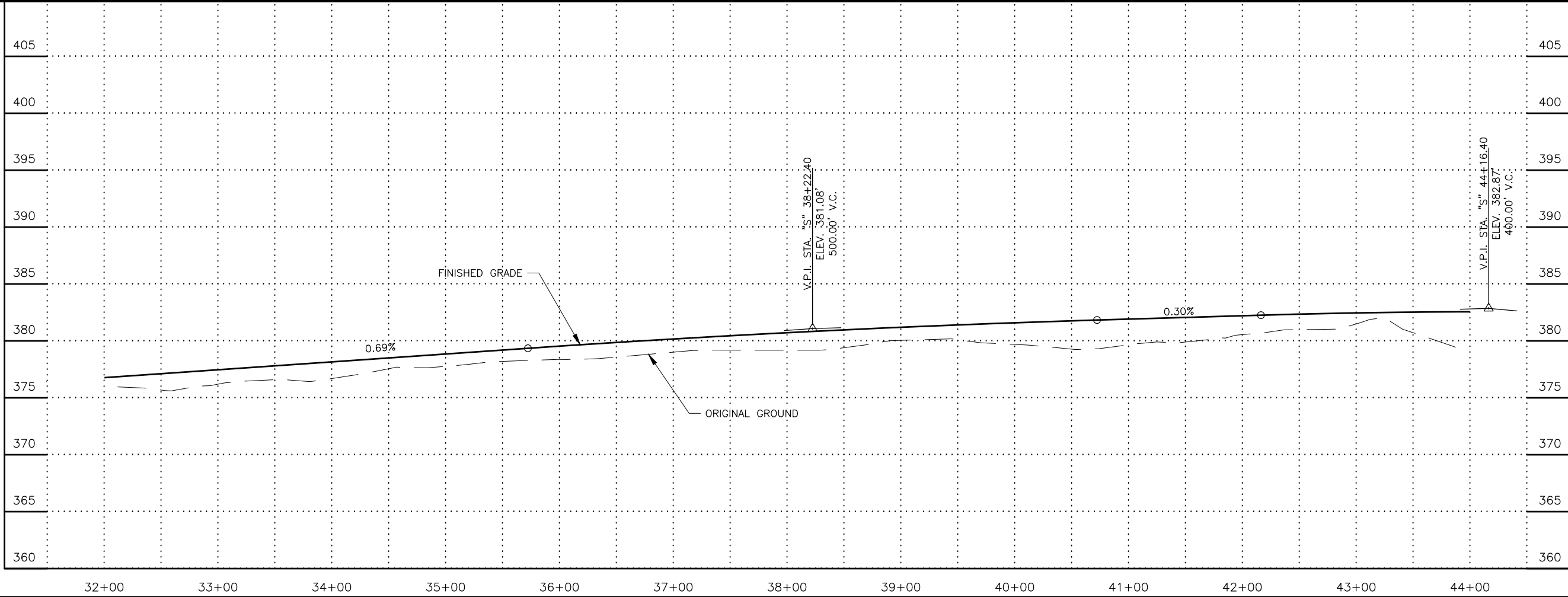
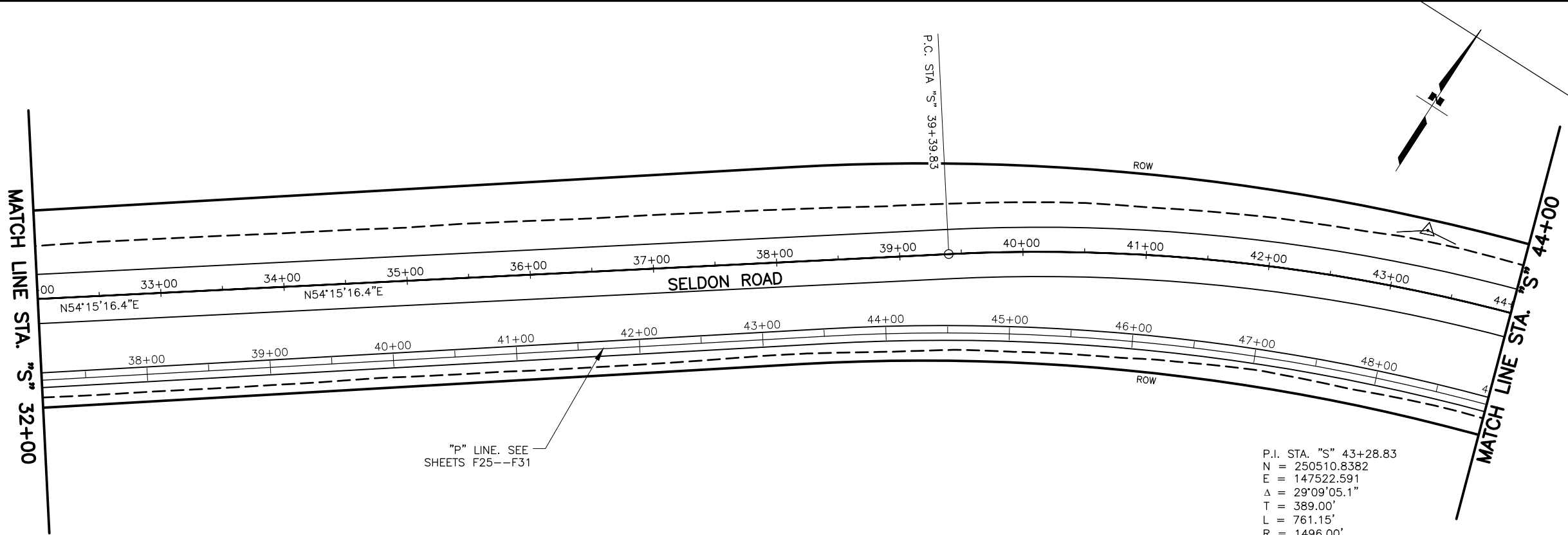
PHASE II

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

SELDON RD

PLAN AND PROFILE

STA. 20+00 TO 32+00



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

THIS SHEET

WINDY BOTTOM RD

SELDON RD EXTENSION

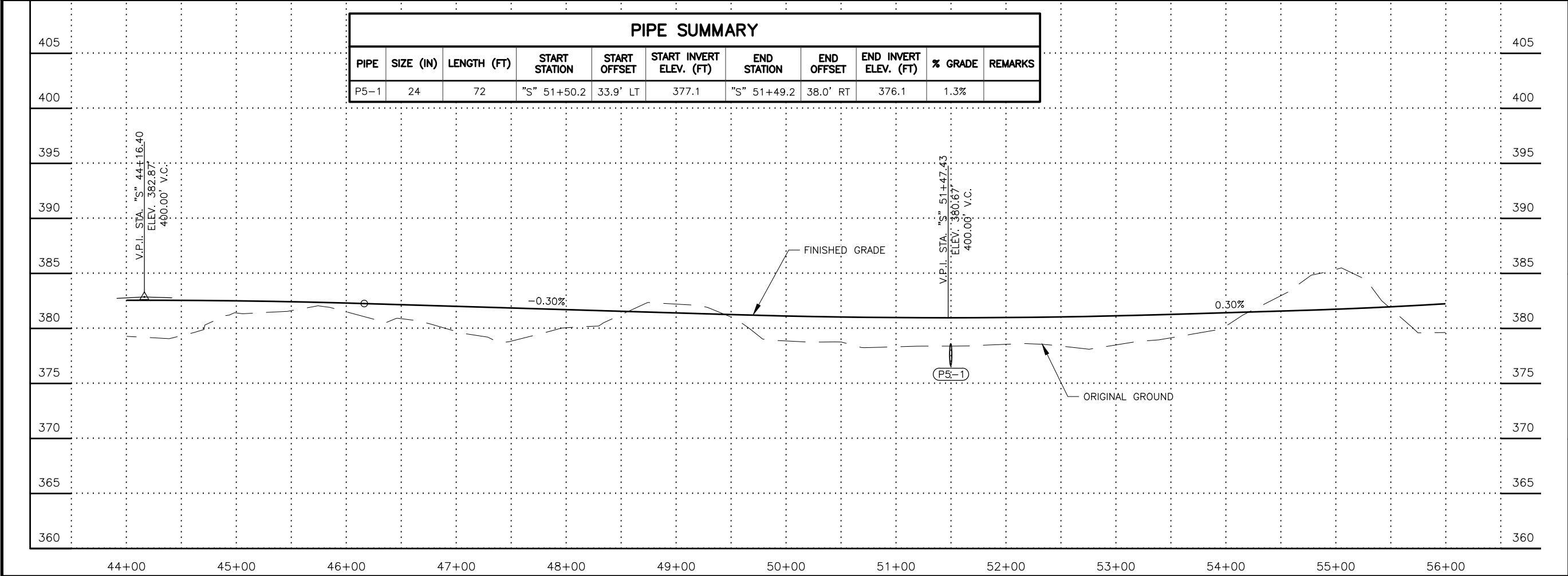
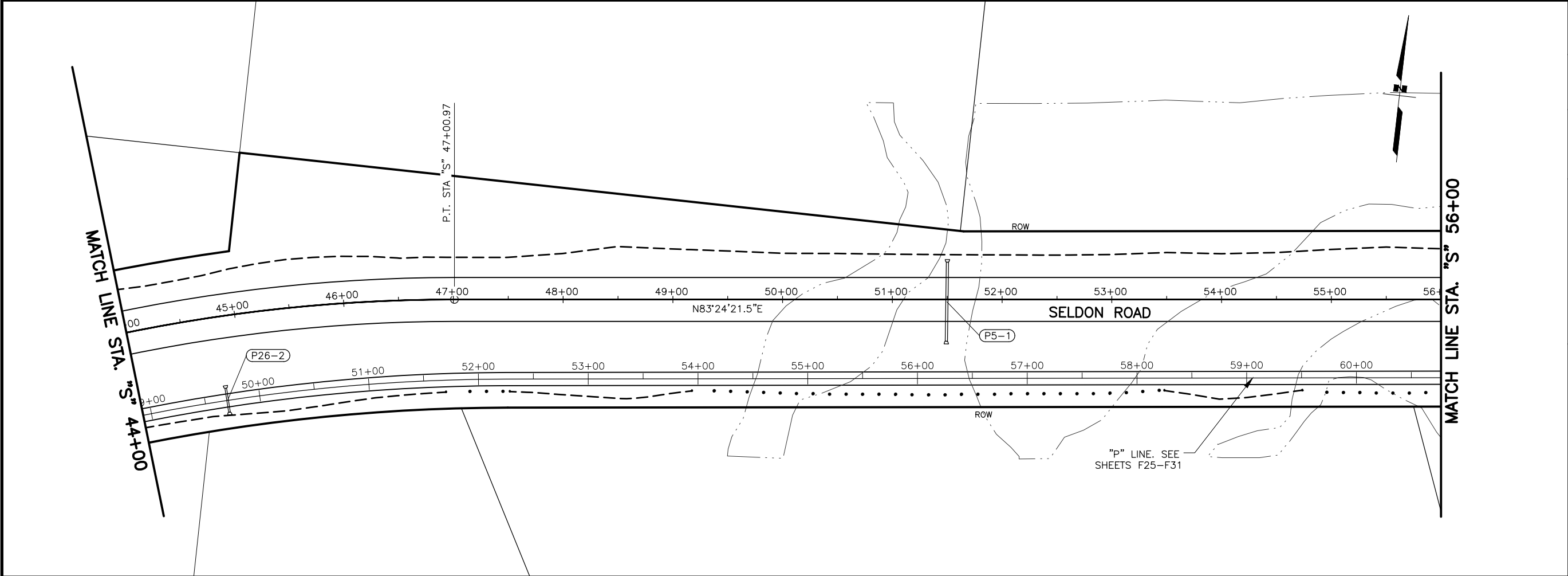
PITTMAN RD

WYOMING DR

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. 32+00 TO 44+00

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



SHEET NO.	F5	TOTAL SHEETS	F31
STATE	ALASKA	YEAR	2025
PROJECT DESIGNATION			
001723/ CFHWY00562			
NO.	REVISION		
DATE			
NO.	REVISION		
DATE			
NO.	REVISION		
DATE			

STATE OF ALASKA

REGISTERED PROFESSIONAL ENGINEER

STEVEN M. BEVERLY

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

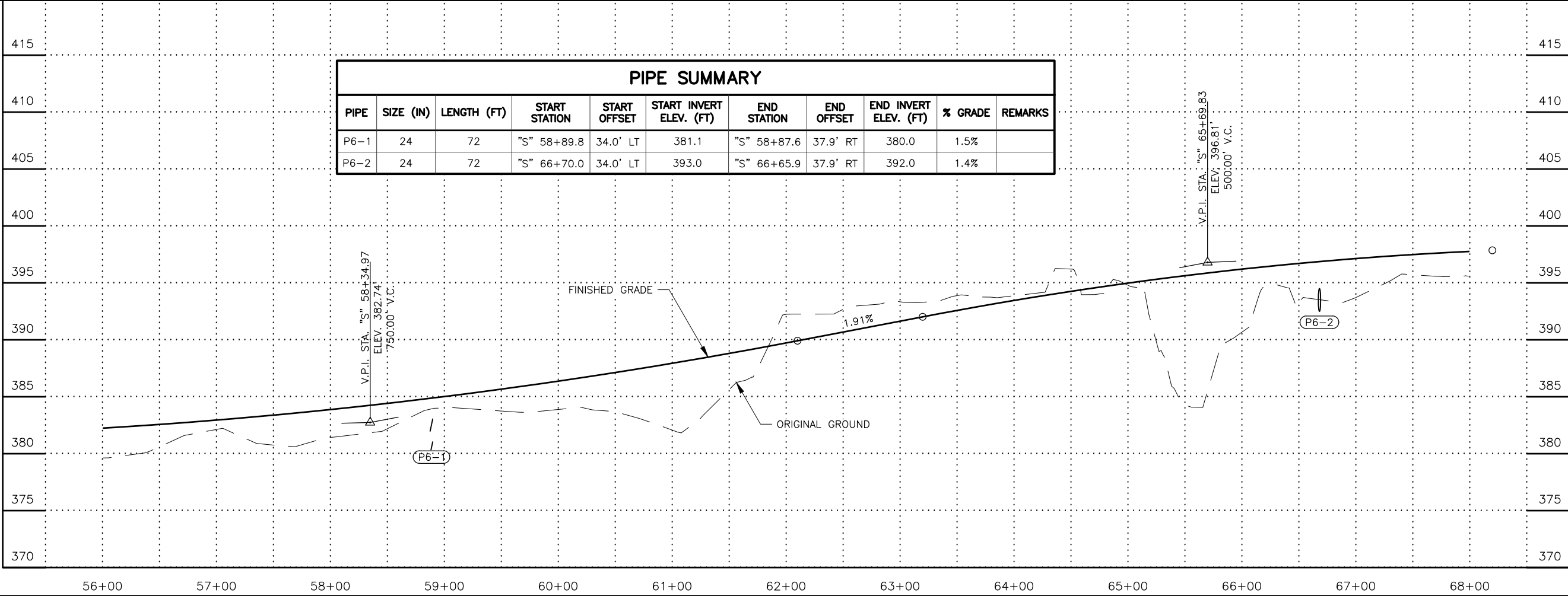
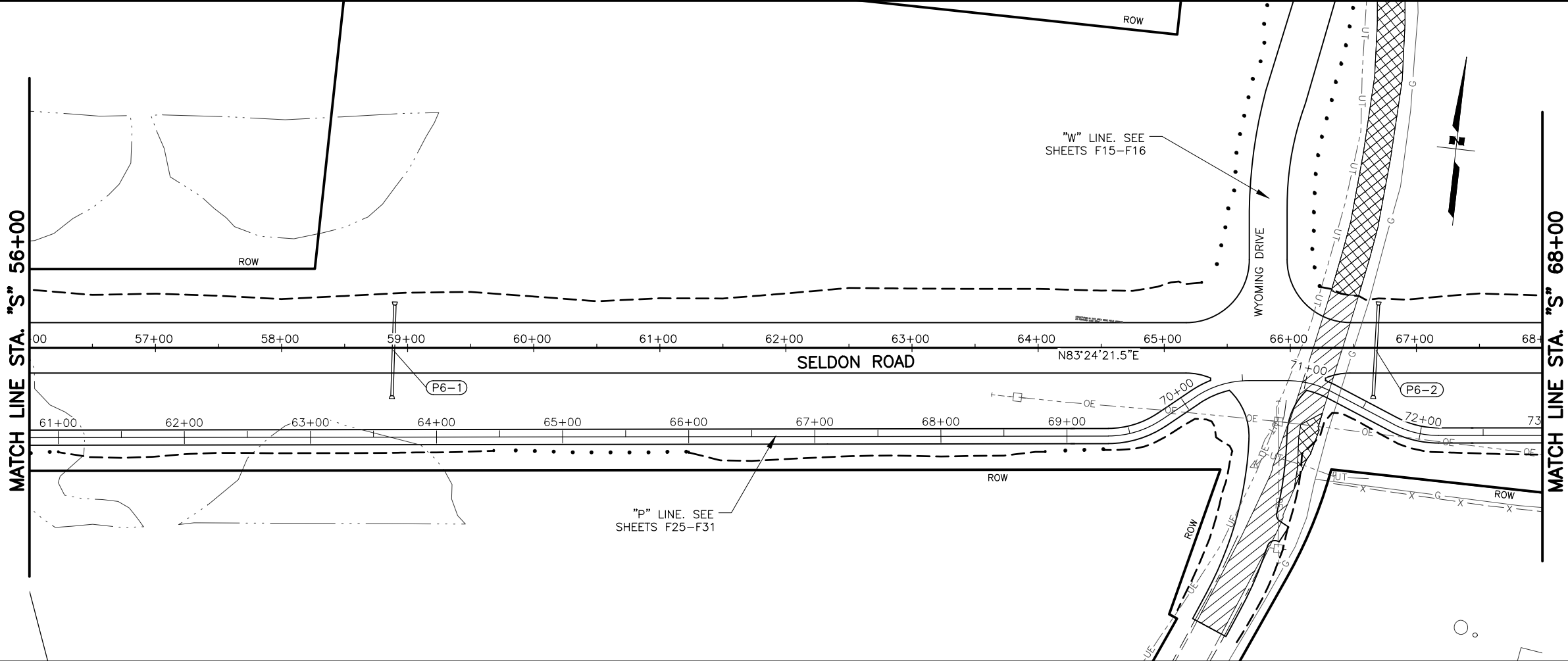
STATE OF ALASKA

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



SHEET NO.
F6

TOTAL SHEETS
F31

STATE
ALASKA

YEAR
2025

PROJECT DESIGNATION
001723/
CFHWY00562

NO.

REVISION

DATE

NO.

REVISION

DATE

NO.

REVISION

DATE

THIS SHEET

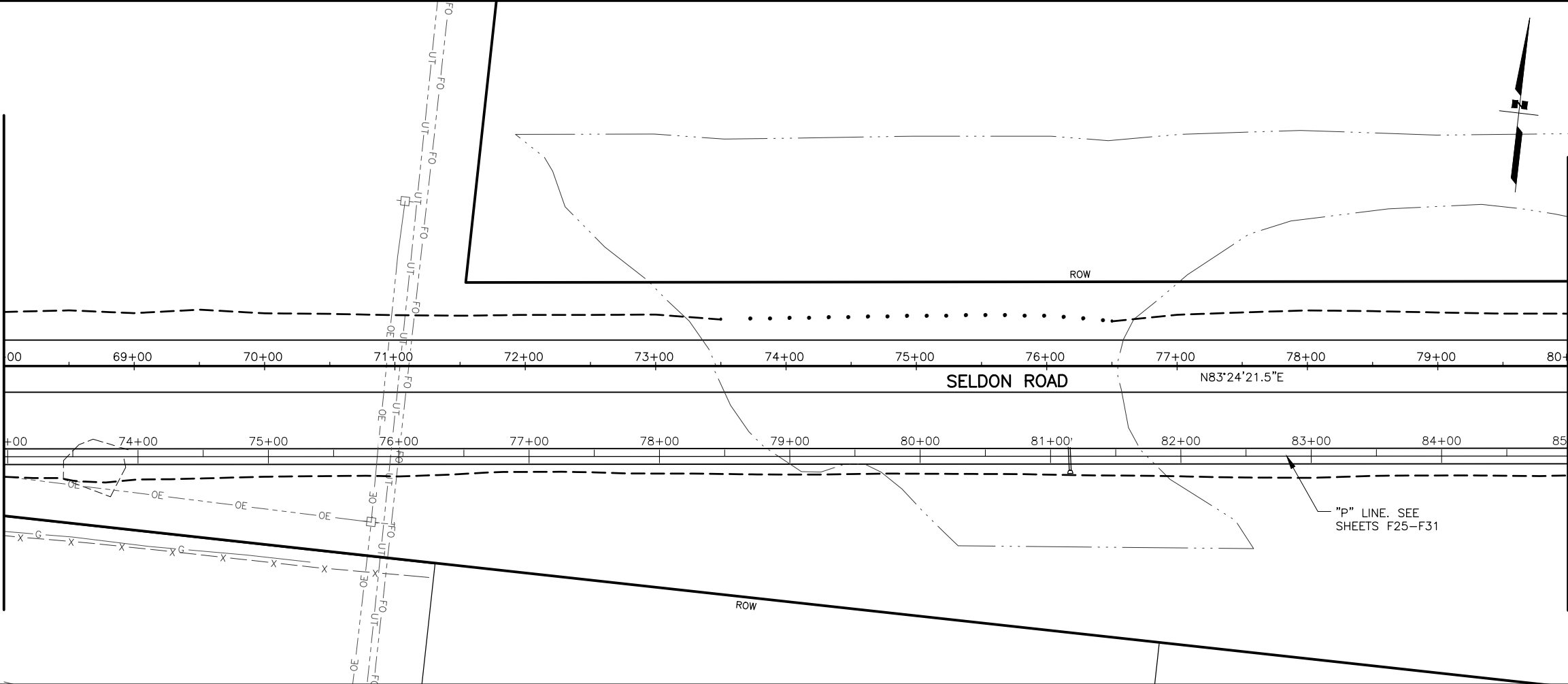
WINDY BOTTOM RD

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

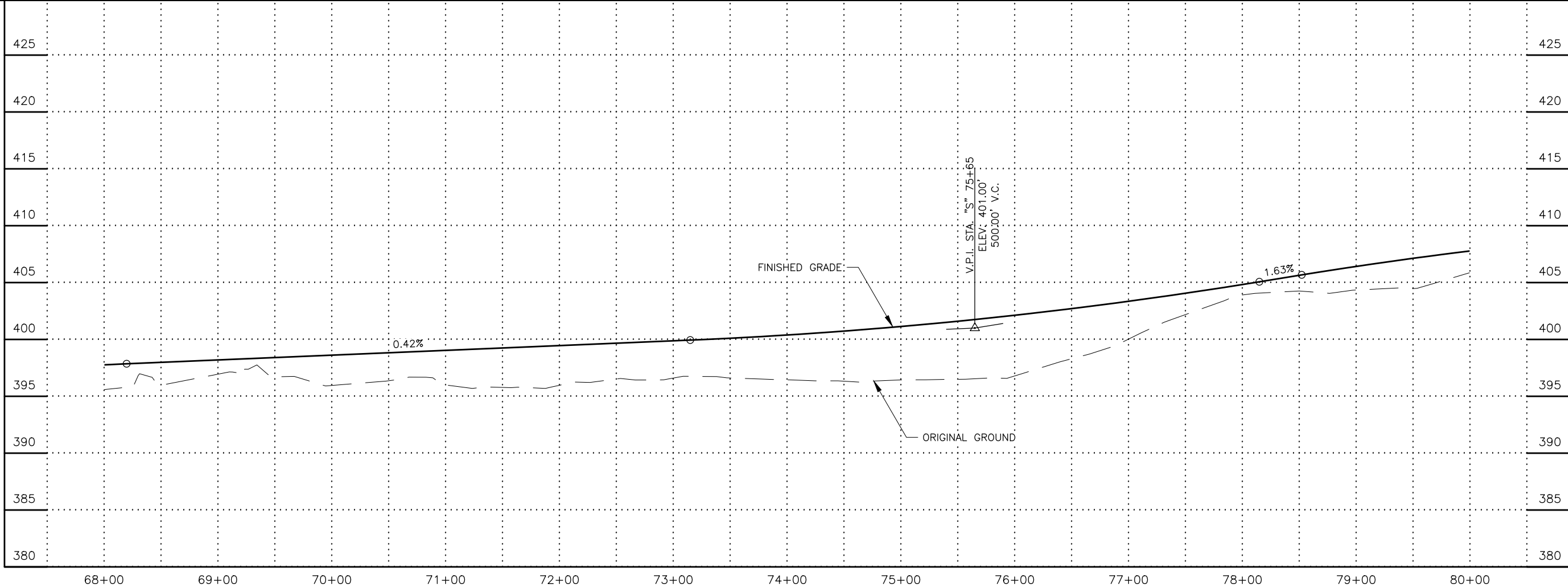
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SELDON RD EXTENSION
PHASE II
WINDY BOTTOM/BEVERLY LAKES RD
TO PITTMAN RD (MSB)

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

MATCH LINE STA. "S" 68+00



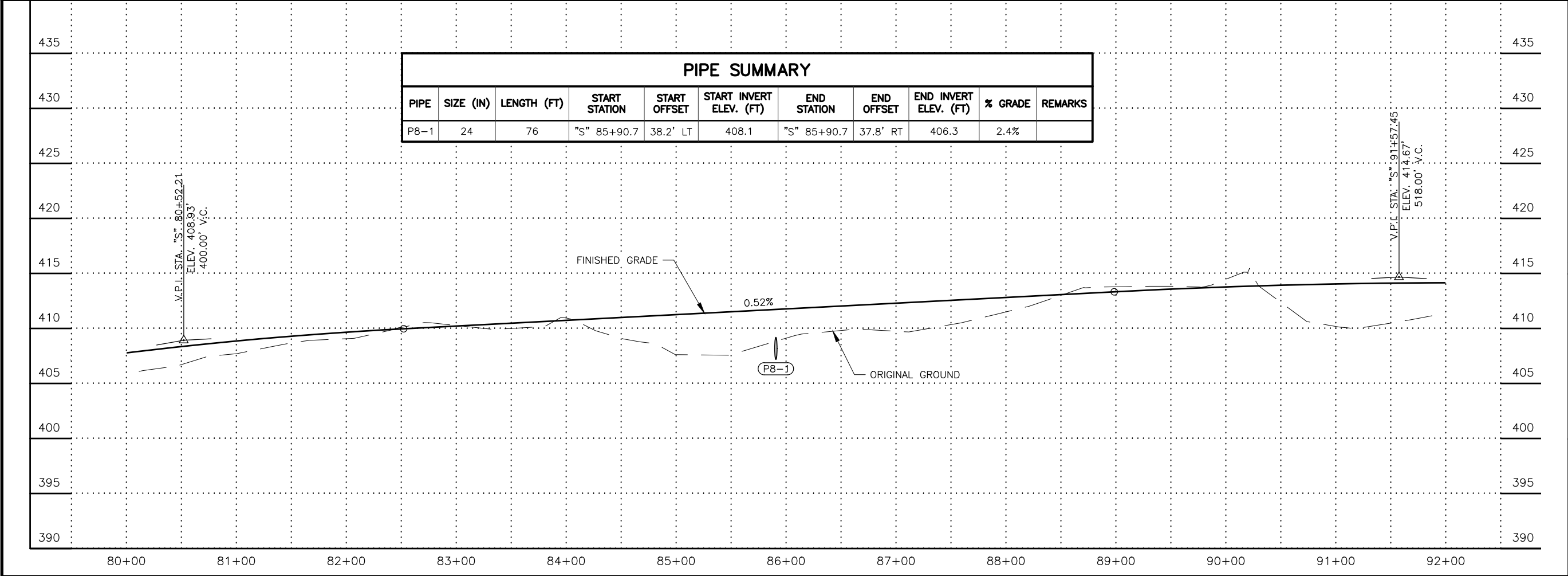
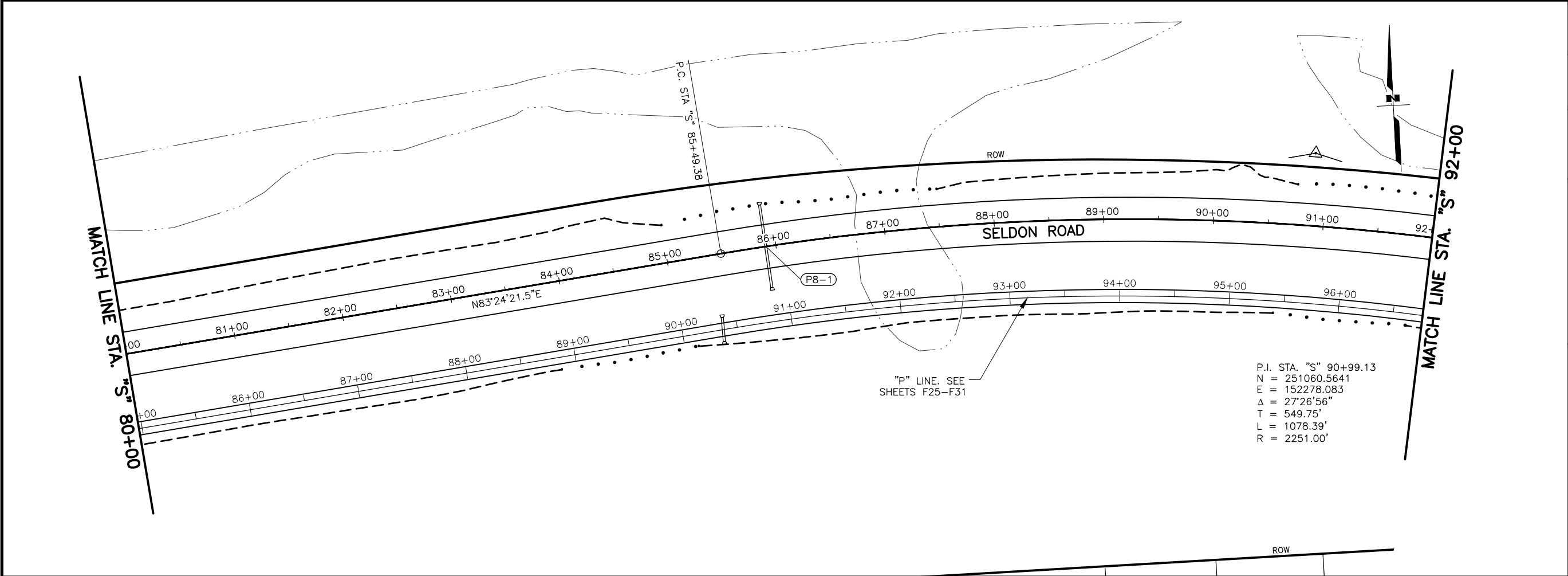
MATCH LINE STA. "S" 80+00



SHEET NO.	TOTAL SHEETS
F7	F31
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
001723/ CFHWY00562	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

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



SHEET NO.
F8

TOTAL SHEETS
F31

STATE
ALASKA

YEAR
2025

PROJECT DESIGNATION
001723/
CFHWY00562

NO.

REVISION

DATE

NO.

REVISION

DATE

NO.

REVISION

DATE

THIS SHEET

WINDY BOTTOM RD

SELDON RD EXTENSION

PITTMAN RD

STATE OF ALASKA

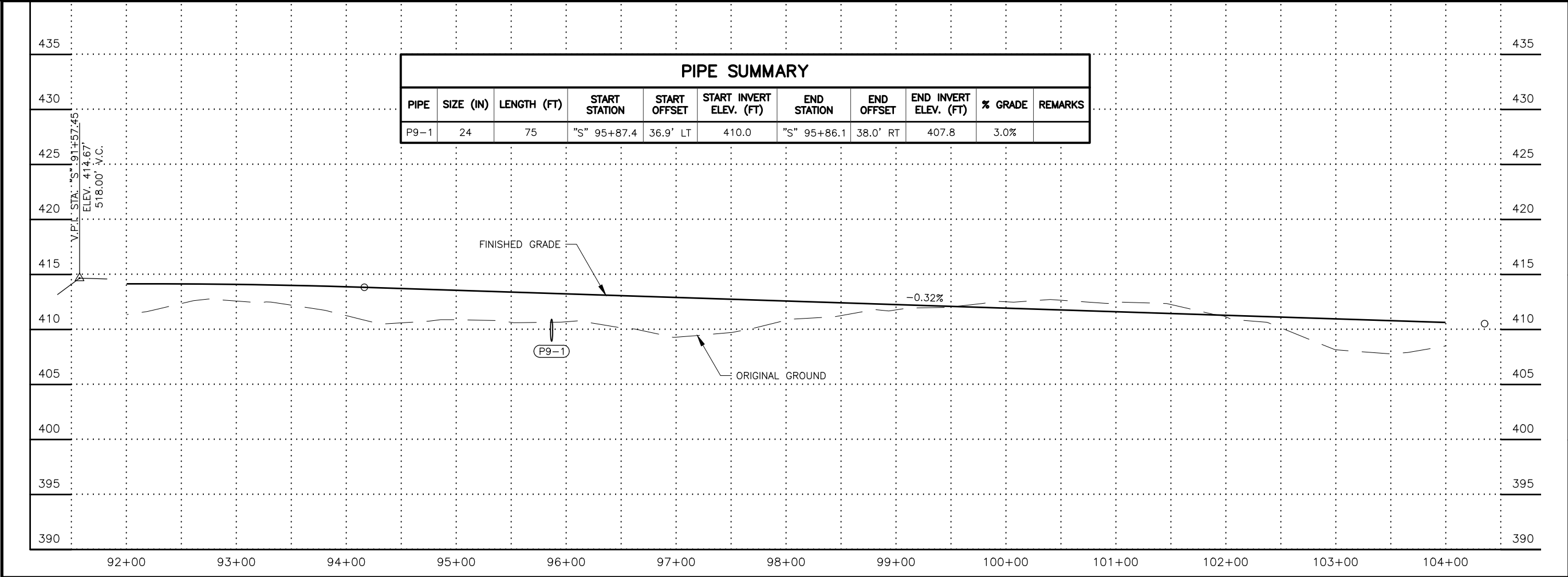
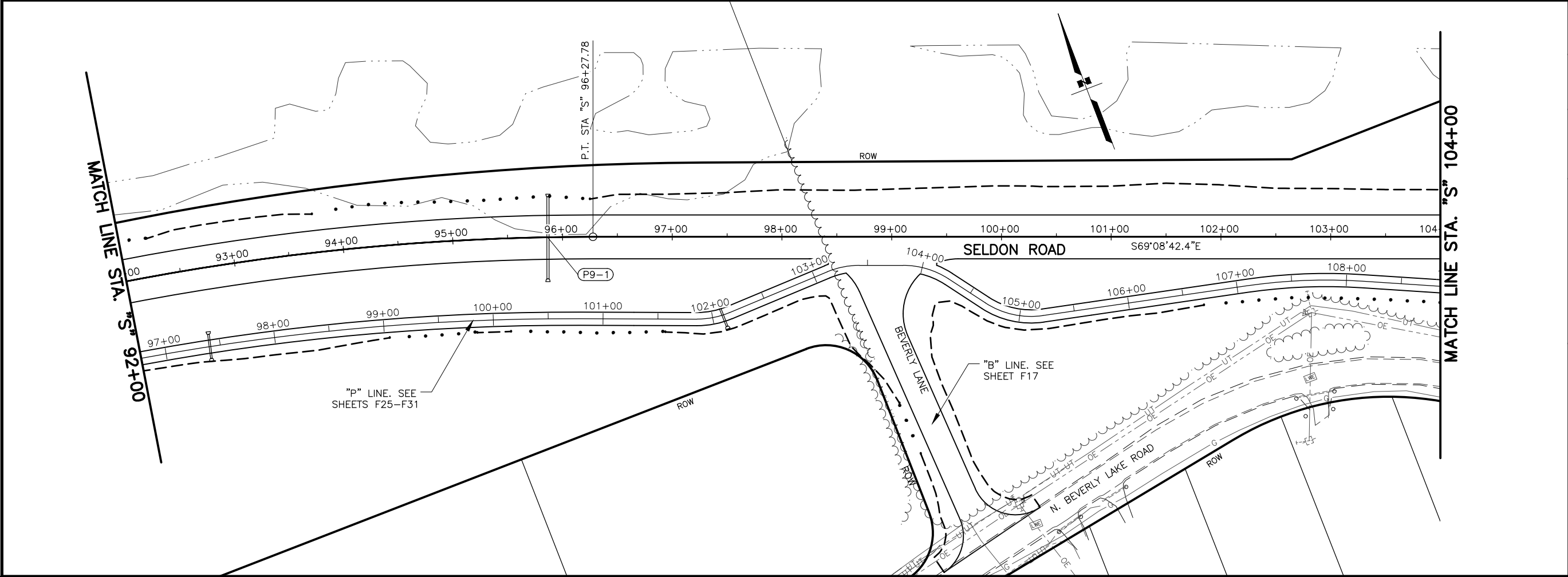
REVIEW

STEVEN M. BEVERLY

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. 80+00 TO 92+00



SHEET NO.
F9

TOTAL SHEETS
F31

STATE
ALASKA

YEAR
2025

PROJECT DESIGNATION
001723/
CFHWY00562

NO.

REVISION

DATE

NO.

REVISION

DATE

NO.

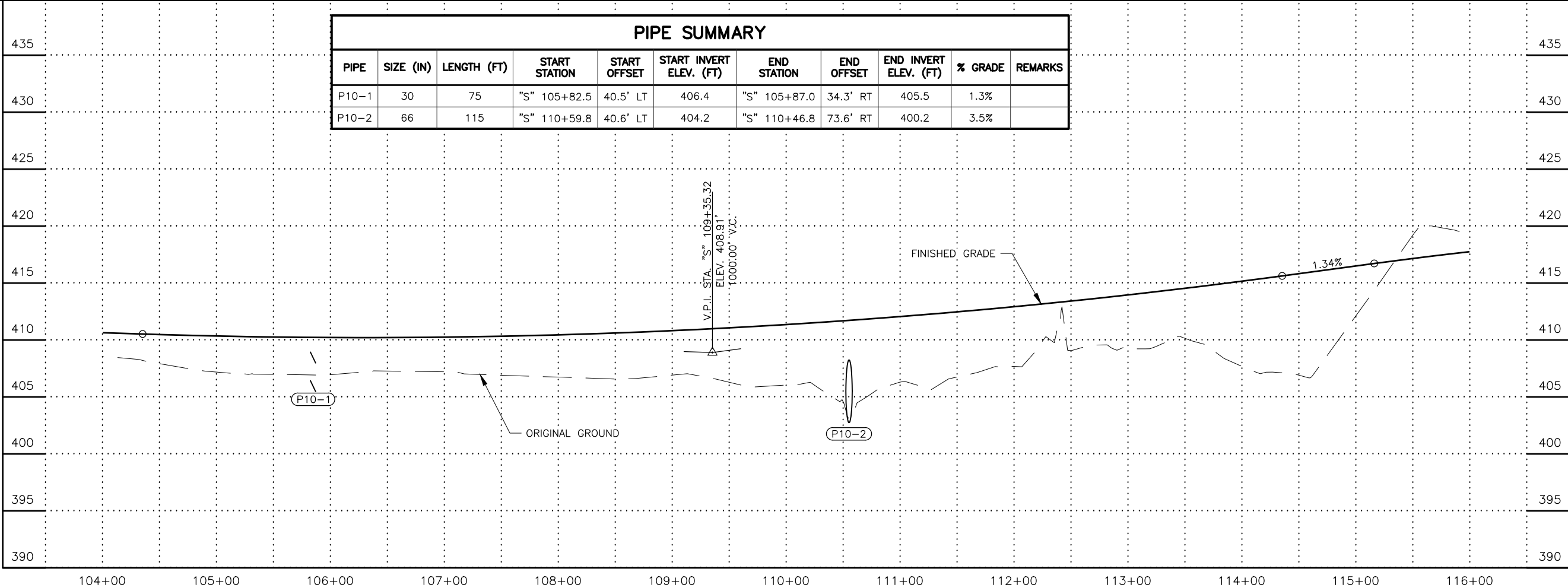
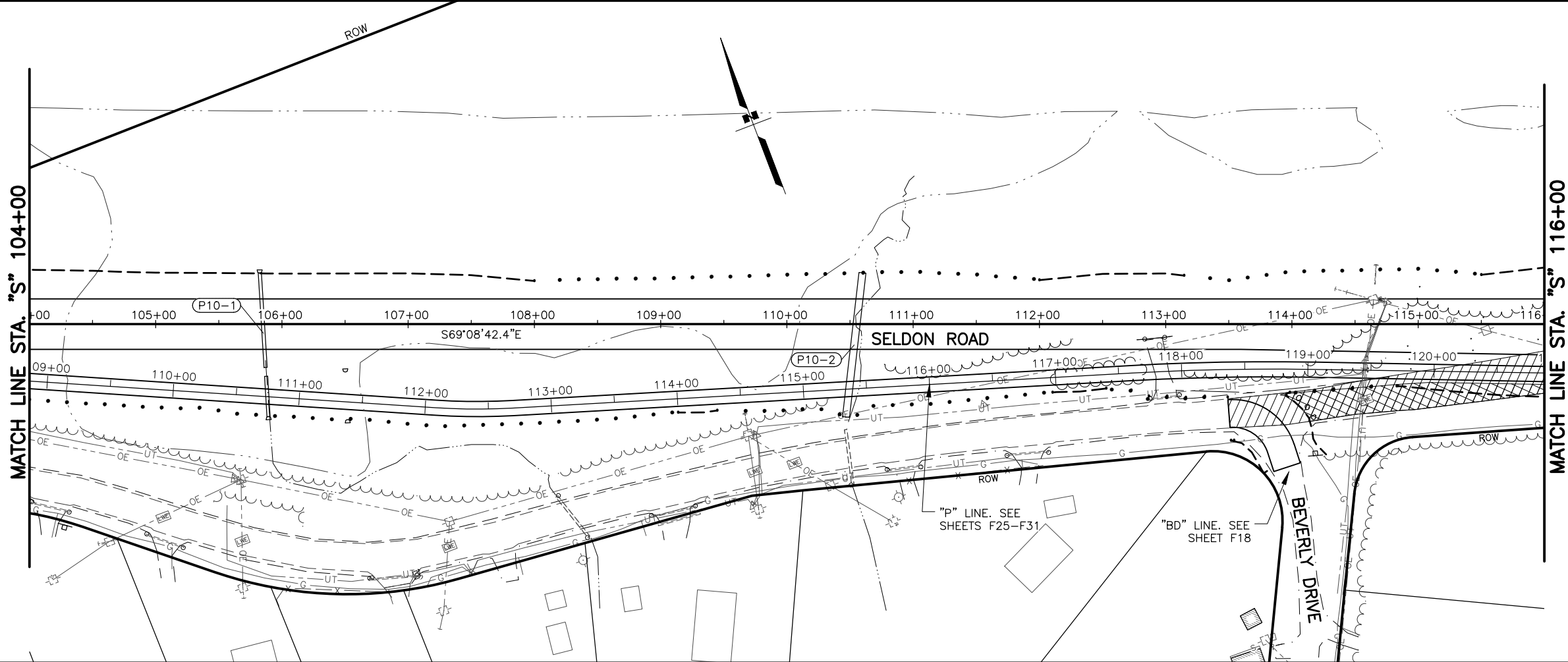
REVISION

DATE

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

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

STEVEN M
REGISTERED PROFESSIONAL ENGINEER



SHEET NO.
F10

TOTAL SHEETS
F31

STATE
ALASKA

YEAR
2025

PROJECT DESIGNATION
001723/
CFHWY00562

NO.

REVISION

DATE

NO.

REVISION

DATE

NO.

REVISION

DATE

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

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

MATCH LINE STA. "S" 116+00

P.I. STA. "S" 120+87.06
N = 249989.3387
E = 155089.987
Δ = 14°55'35.8"
T = 139.52'
L = 277.45'
R = 1065.00'

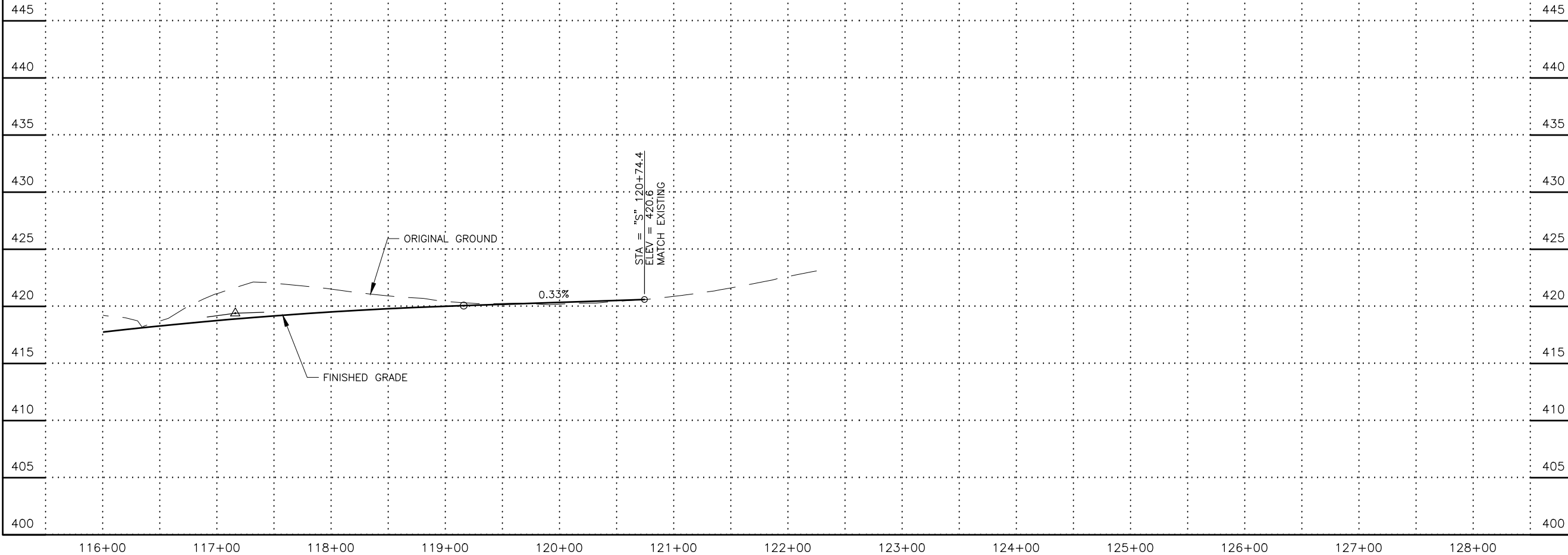
END ROADWAY CONSTRUCTION
STA "S" 120+74.42
N 250001.00
E 155080.58
SAWCUT AND MATCH EXISTING PAVEMENT

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	

WINDY BOTTOM RD
WYOMING DR
SELDON RD EXTENSION
PITTMAN RD
THIS SHEET

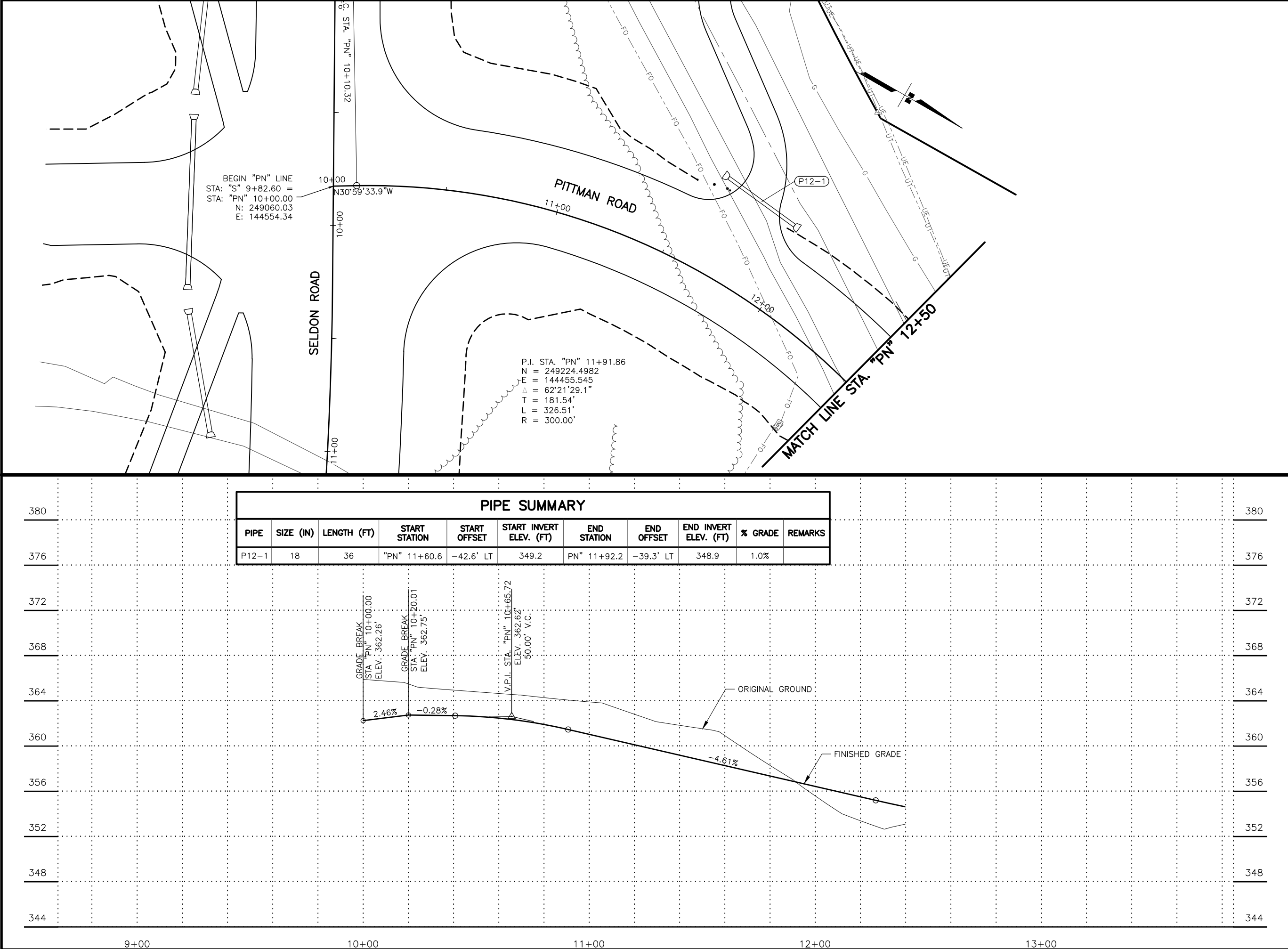
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SELDON RD EXTENSION
PHASE II
WINDY BOTTOM/BEVERLY LAKES RD
TO PITTMAN RD (MSB)

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

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.



SHEET NO.
F12

TOTAL SHEETS
F31

STATE
ALASKA

YEAR
2025

PROJECT DESIGNATION
**001723/
CFHWY00562**

NO.

REVISION

DATE

NO.

REVISION

DATE

NO.

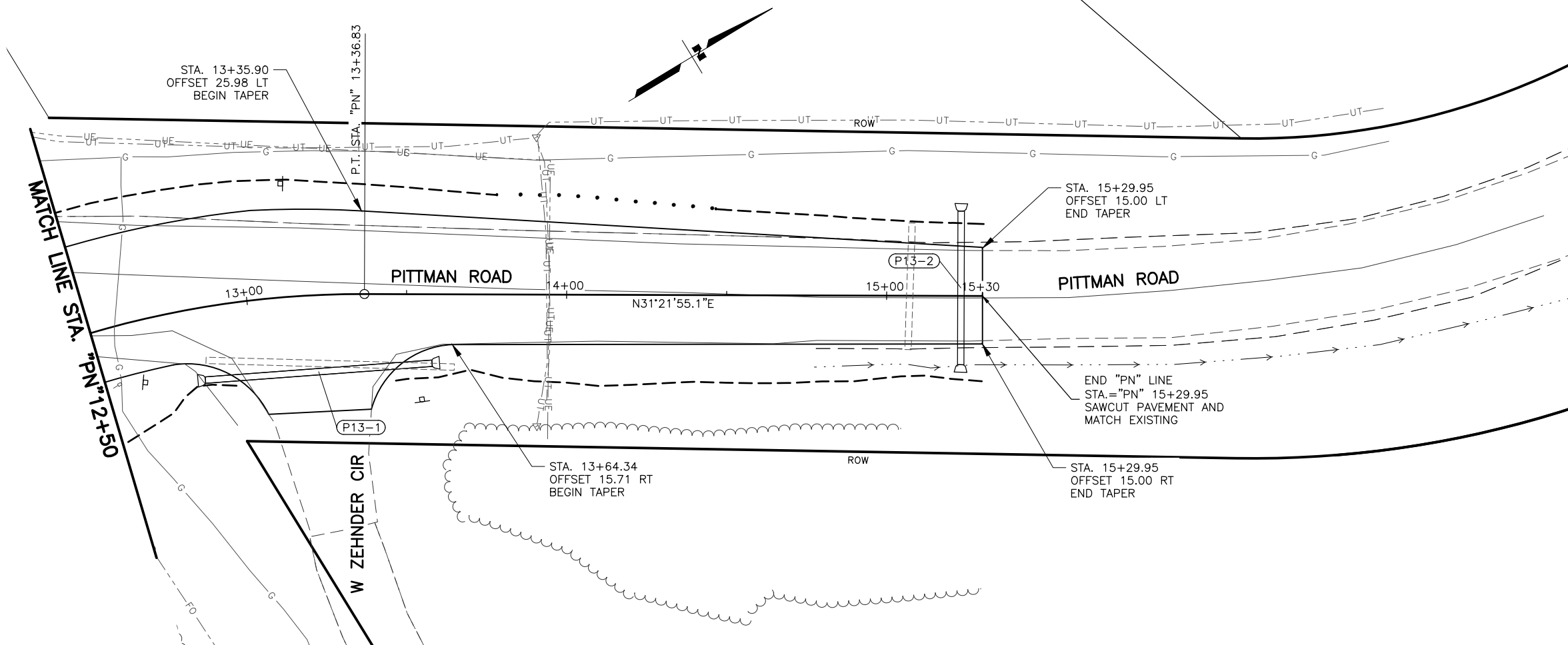
REVISION

DATE

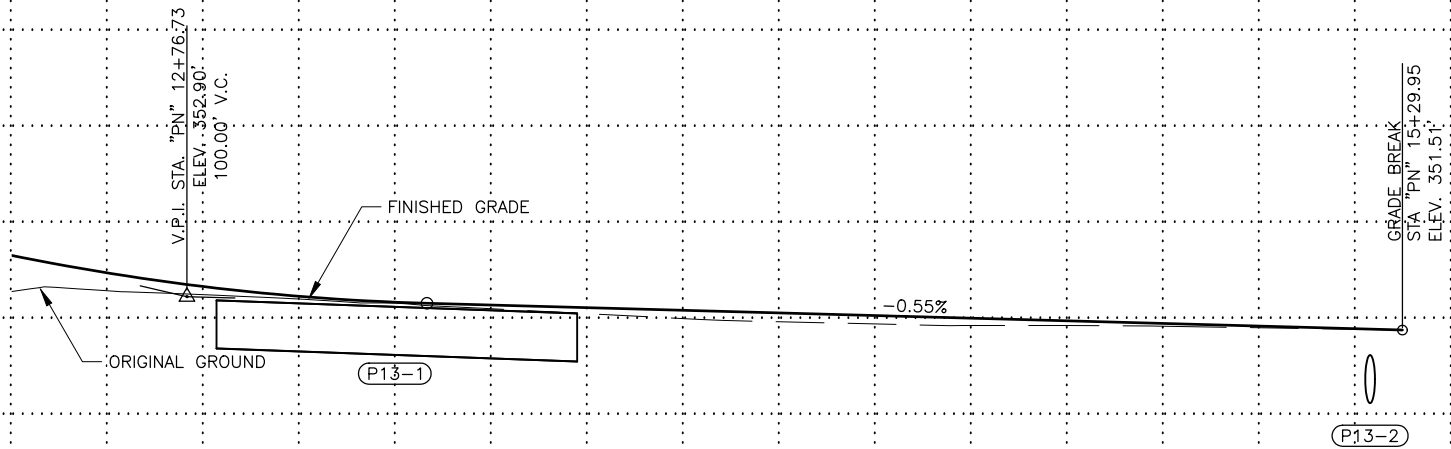
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PITTMAN RD
SELDON RD EXTENSION
WINDY BOTTOM RD

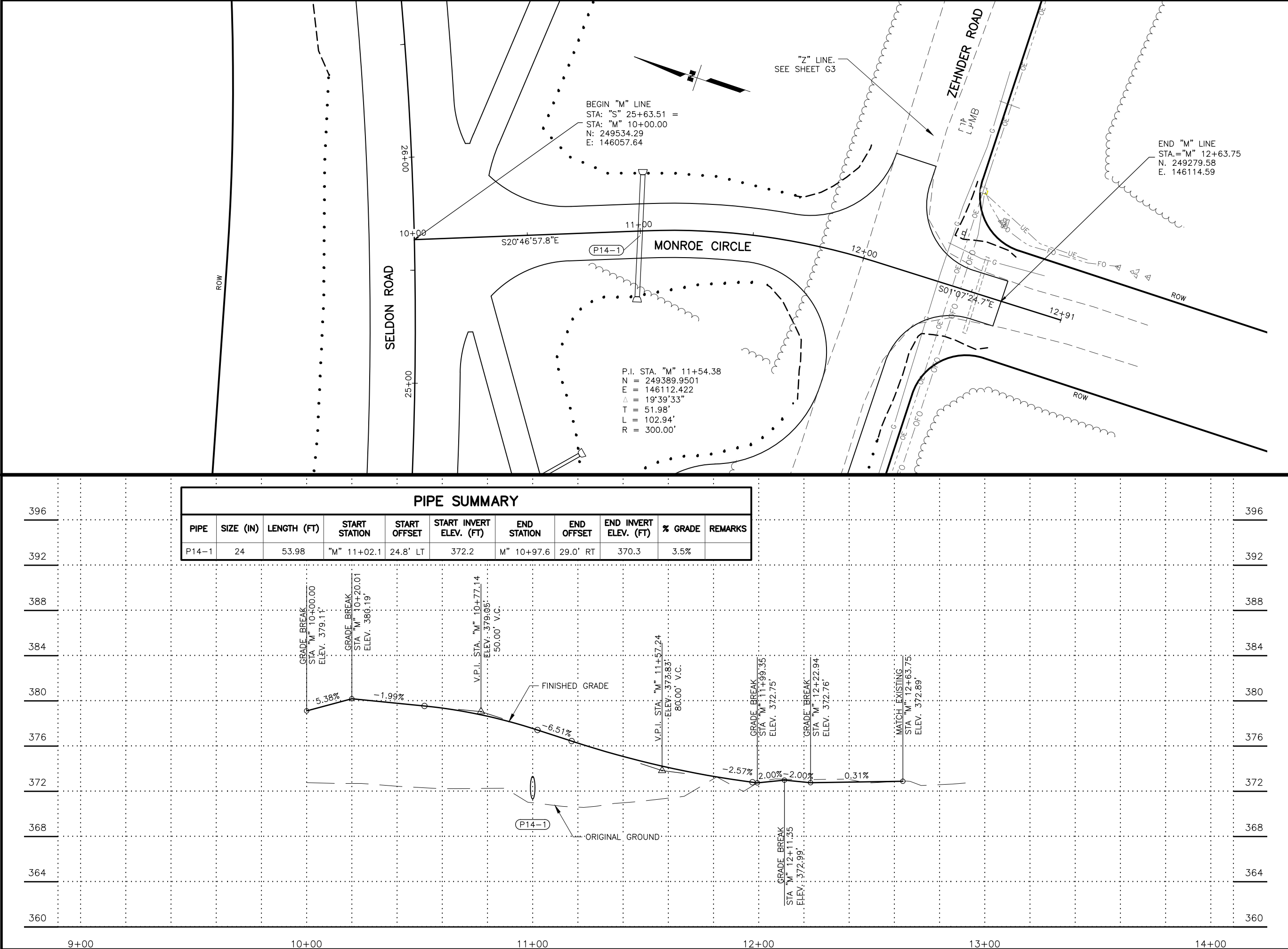
STATE OF ALASKA
REGISTERED PROFESSIONAL ENGINEER
STEVEN M. S&E
907-276-4245
CERTIFICATE OF AUTHORIZATION #126386

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



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%	





SHEET NO.
F14

TOTAL SHEETS
F31

STATE
ALASKA

YEAR
2025

PROJECT DESIGNATION
**001723/
CFHWY00562**

NO.

REVISION

DATE

NO.

REVISION

DATE

NO.

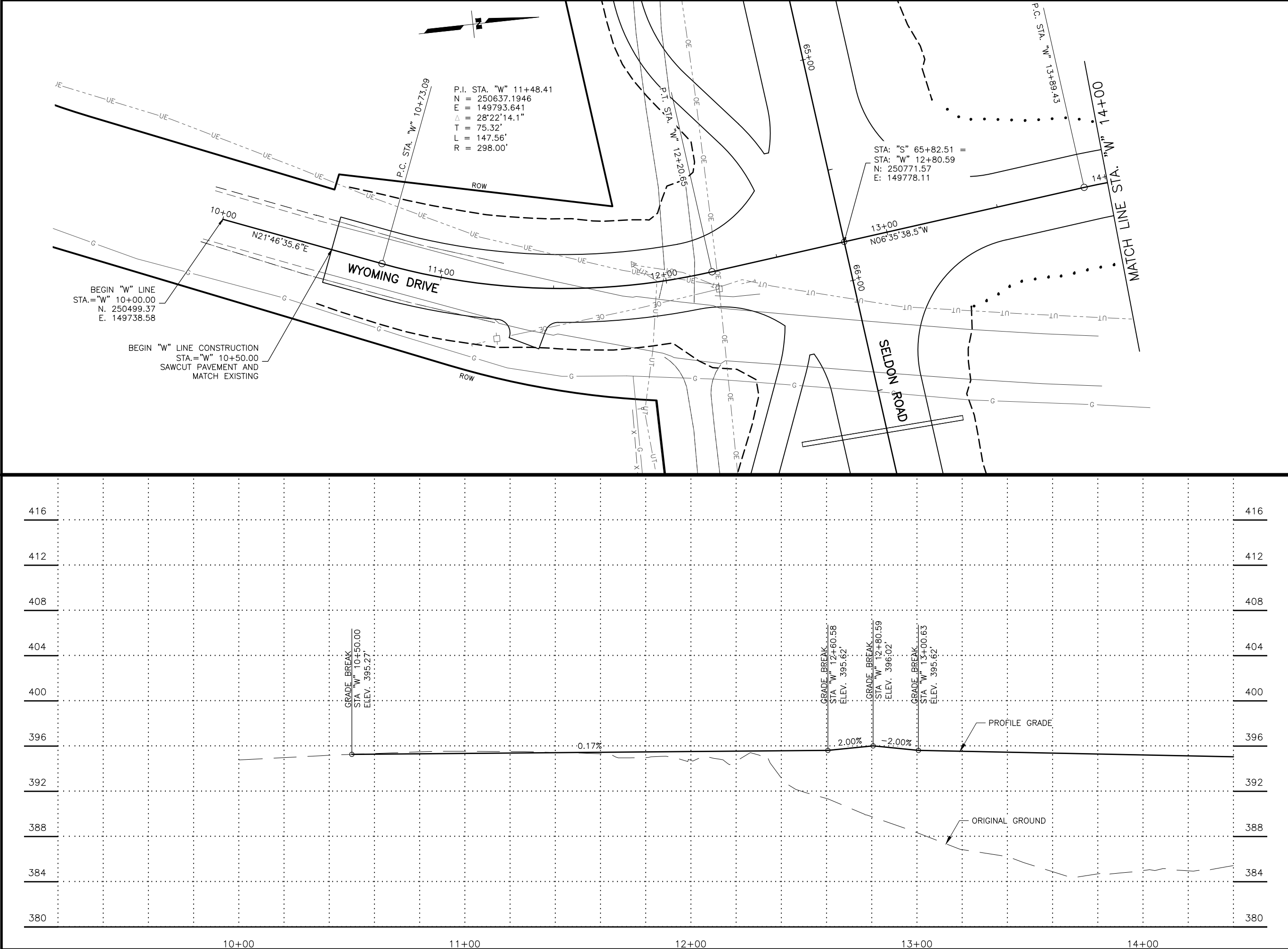
REVISION

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)

**MONROE CIRCLE
PLAN AND PROFILE**



SHEET NO.	TOTAL SHEETS
F15	F31
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
001723/ CFHWY00562	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

THIS SHEET

WINDY BOTTOM RD

WYOMING DR

SELDON RD EXTENSION

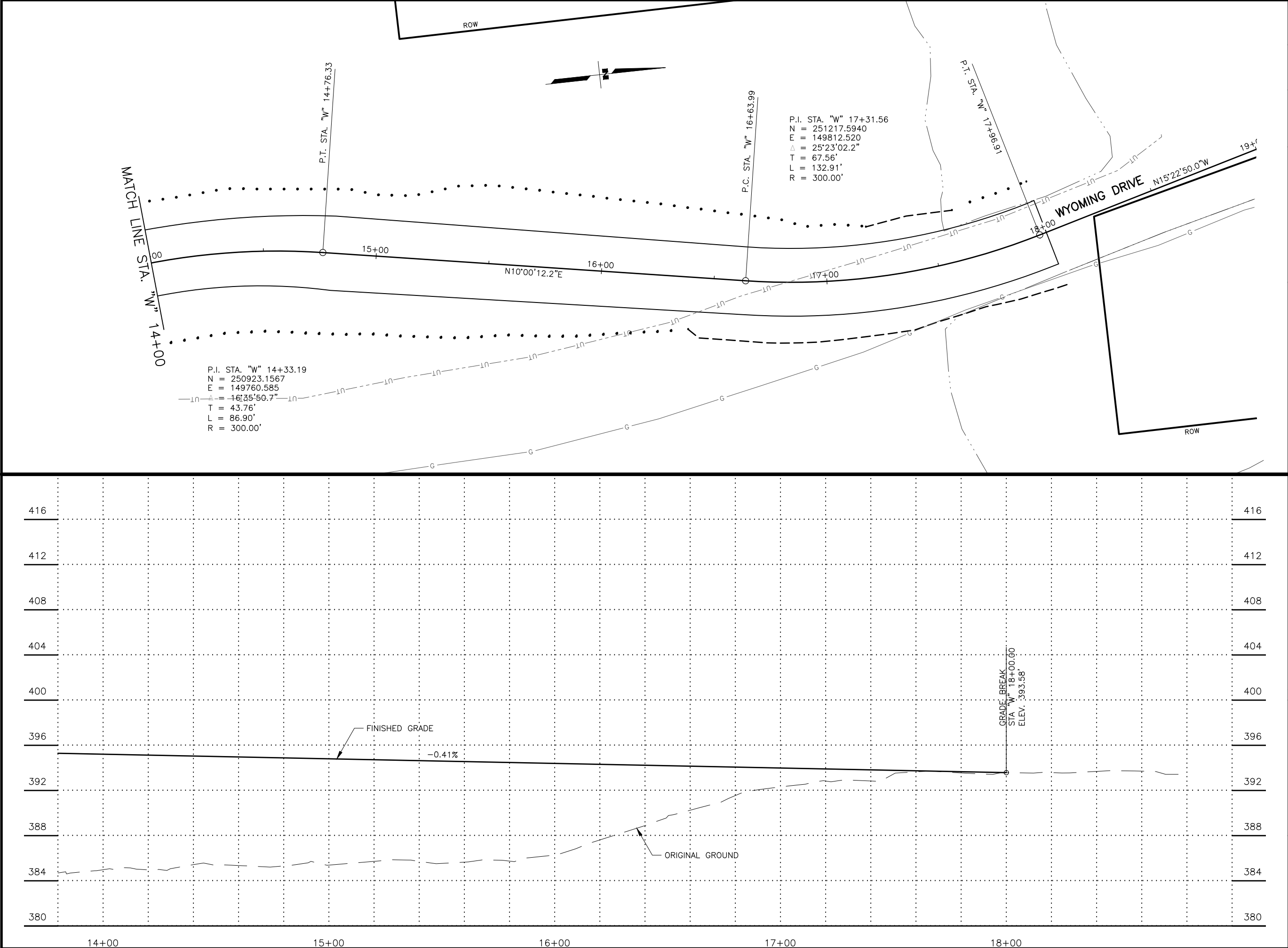
PITTMAN RD

STATE OF ALASKA
REGISTERED PROFESSIONAL ENGINEER
STEVEN M. BEVERLY
#126386

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



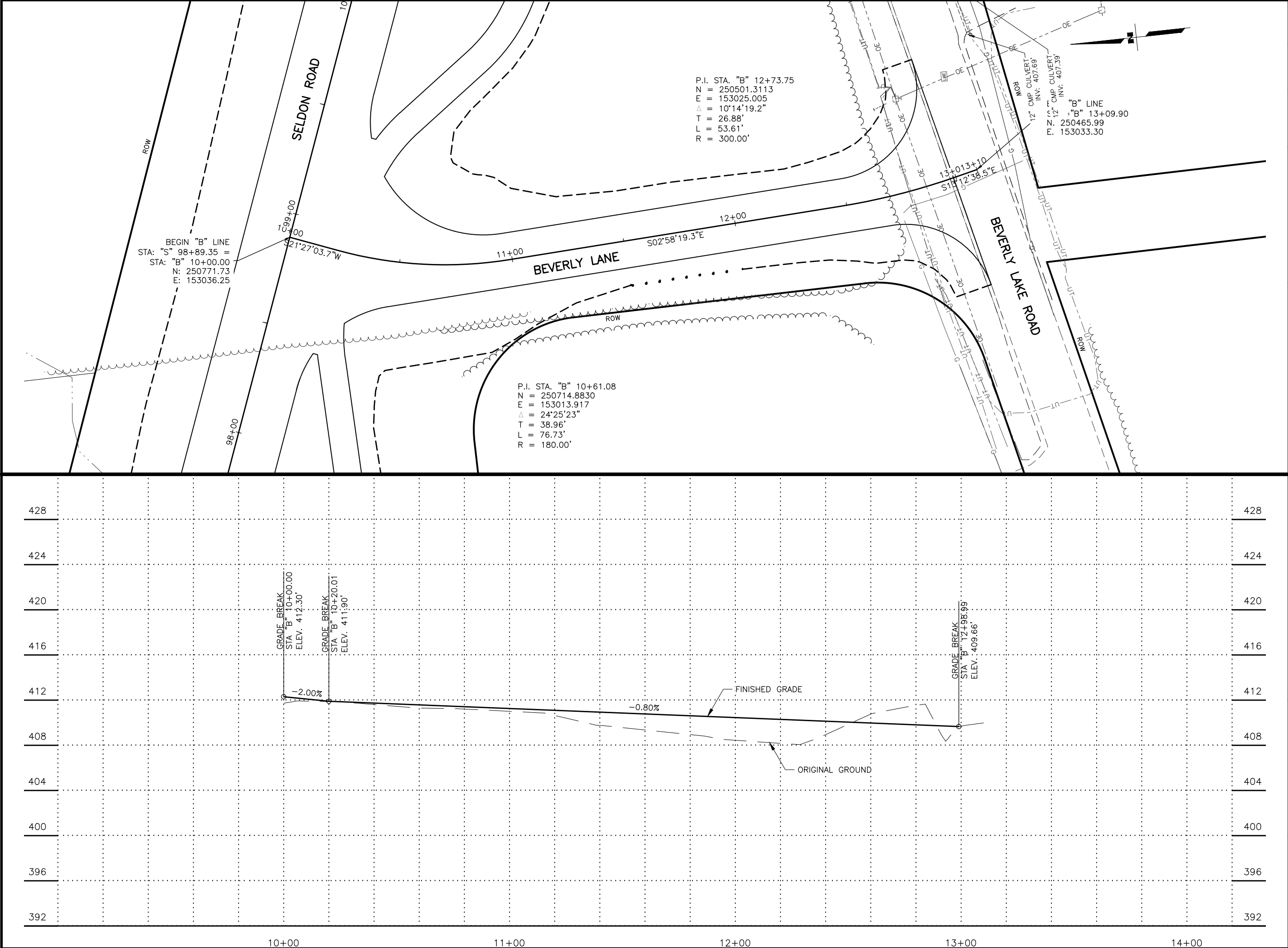
SHEET NO.	TOTAL SHEETS
F16	F31
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
001723/ CFHWY00562	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

THIS SHEET

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

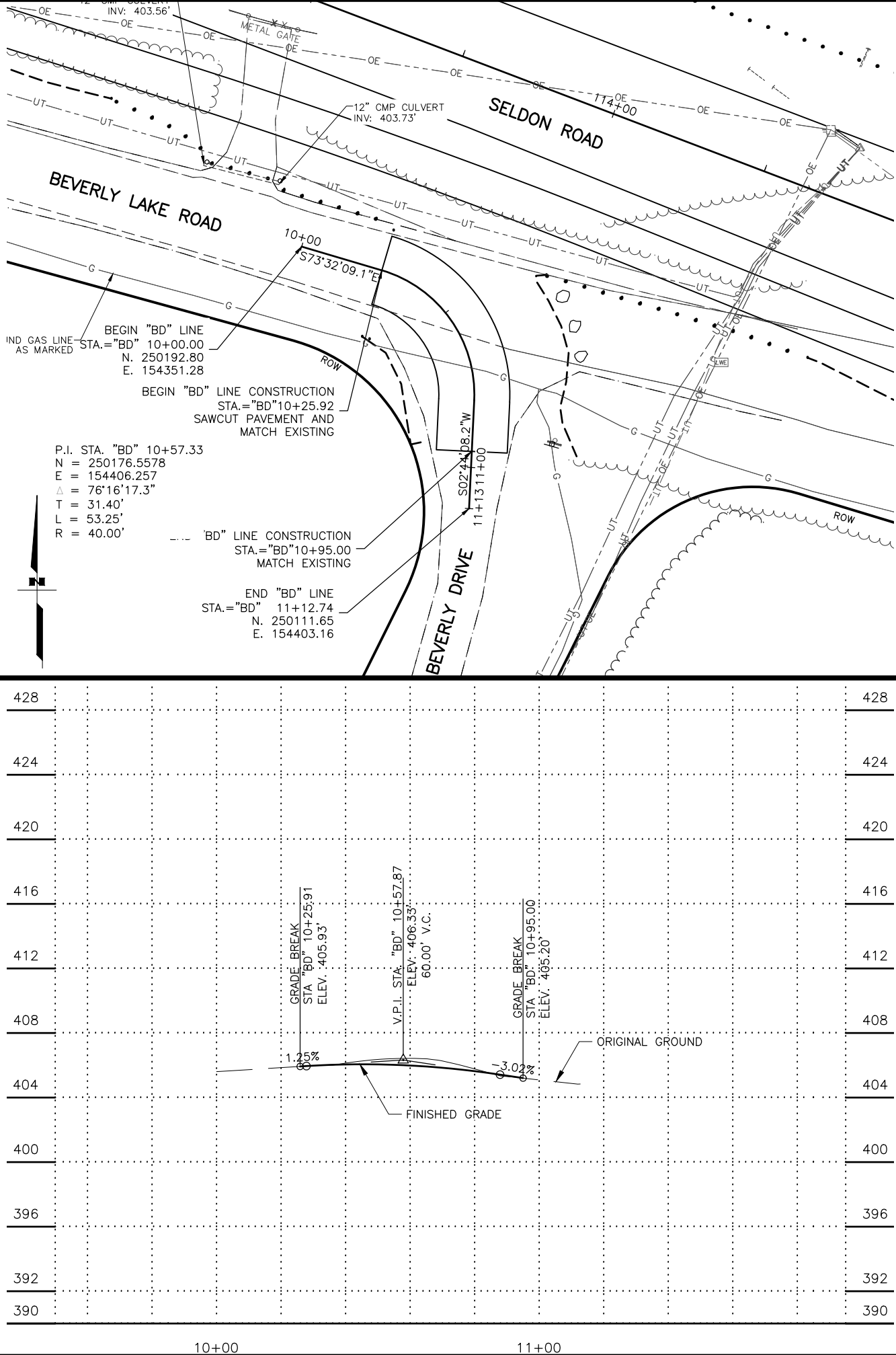
PLANS DEVELOPED BY:
STANTEC CONSULTING SERVICES INC.
3900 C STREET, SUITE 902
ANCHORAGE, AK 99503
907-276-4245
CERTIFICATE OF AUTHORIZATION #126386



SHEET NO.	TOTAL SHEETS
F17	F31
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
001723/ CFHWY00562	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

STATE OF ALASKA
REGISTERED PROFESSIONAL ENGINEER
STEVEN M. S&P
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



SHEET NO.	TOTAL SHEETS
F18	F31
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
001723/ CFHWY00562	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

WINDY BOTTOM RD

PITTMAN RD

SELDON RD EXTENSION

BEVERLY DRIVE

WINDY BOTTOM RD

STATE OF ALASKA

REGISTERED PROFESSIONAL ENGINEER

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

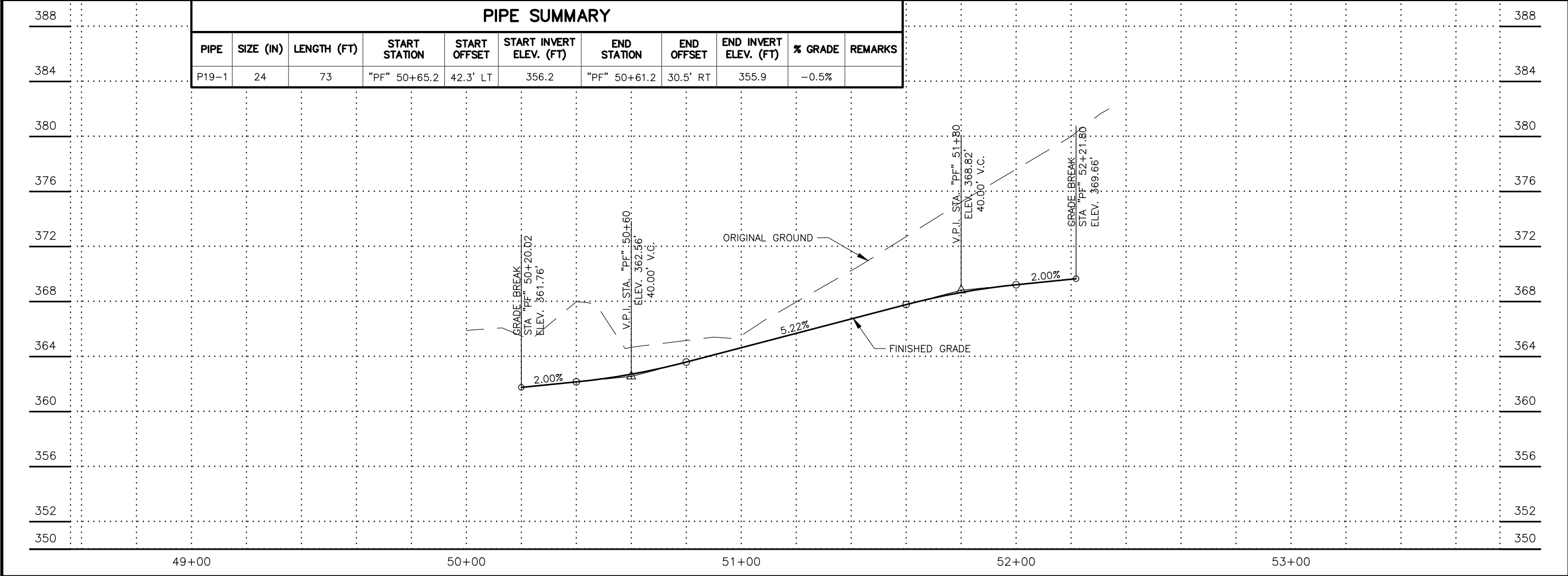
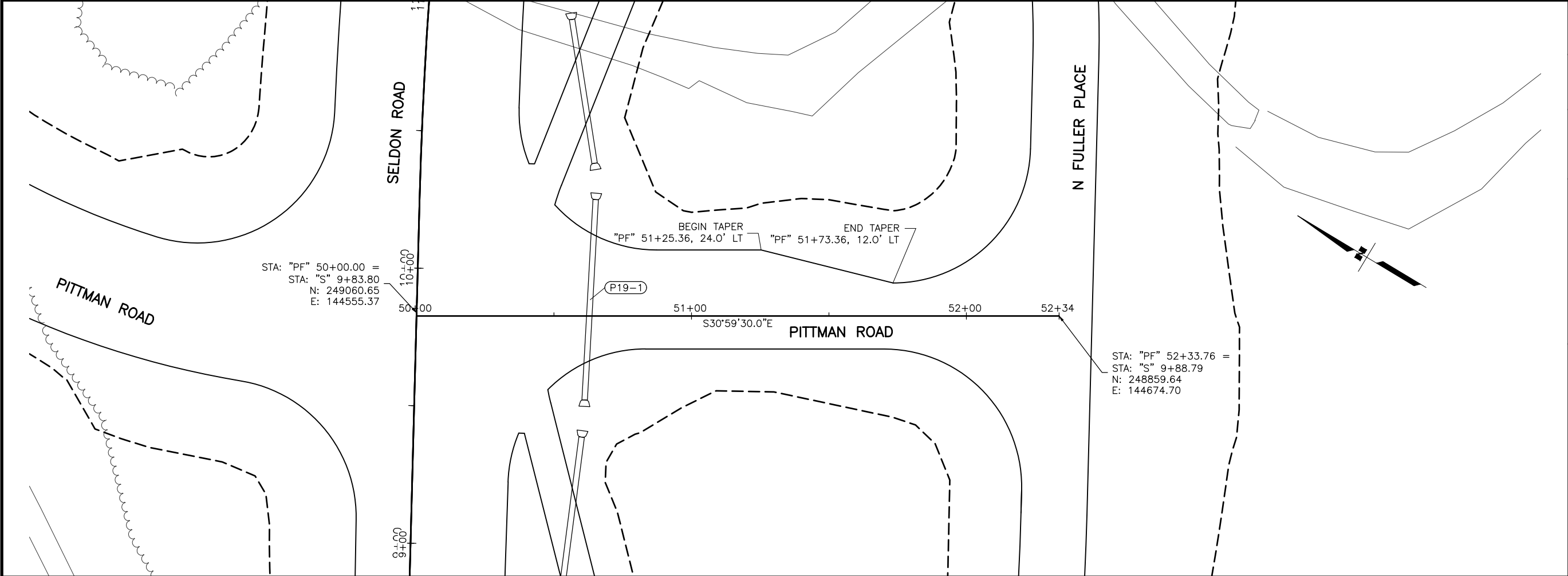
SELDON RD EXTENSION

PHASE II

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

BEVERLY DRIVE

PLAN AND PROFILE



SHEET NO.
F19

TOTAL SHEETS
F31

STATE
ALASKA

YEAR
2025

PROJECT DESIGNATION
001723/
CFHWY00562

NO.

REVISION

DATE

NO.

REVISION

DATE

NO.

REVISION

DATE

THIS SHEET

PITTMAN RD

Seldon Rd Extension

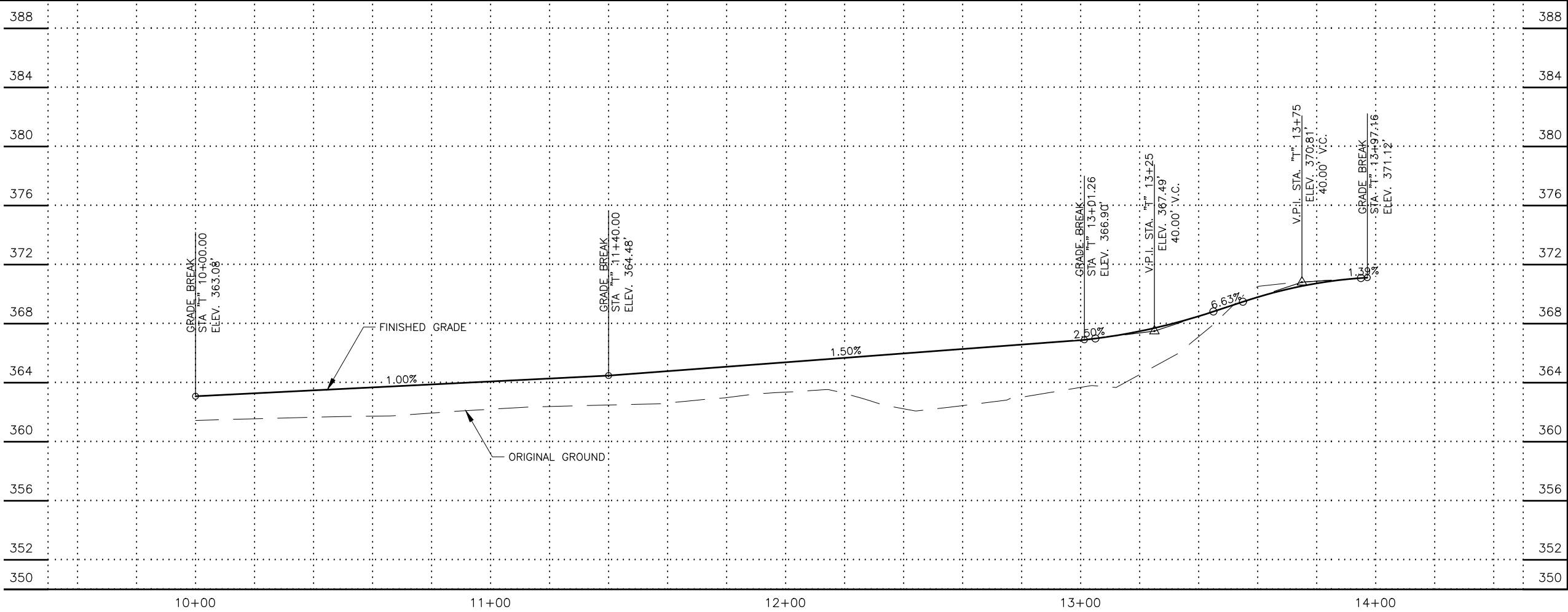
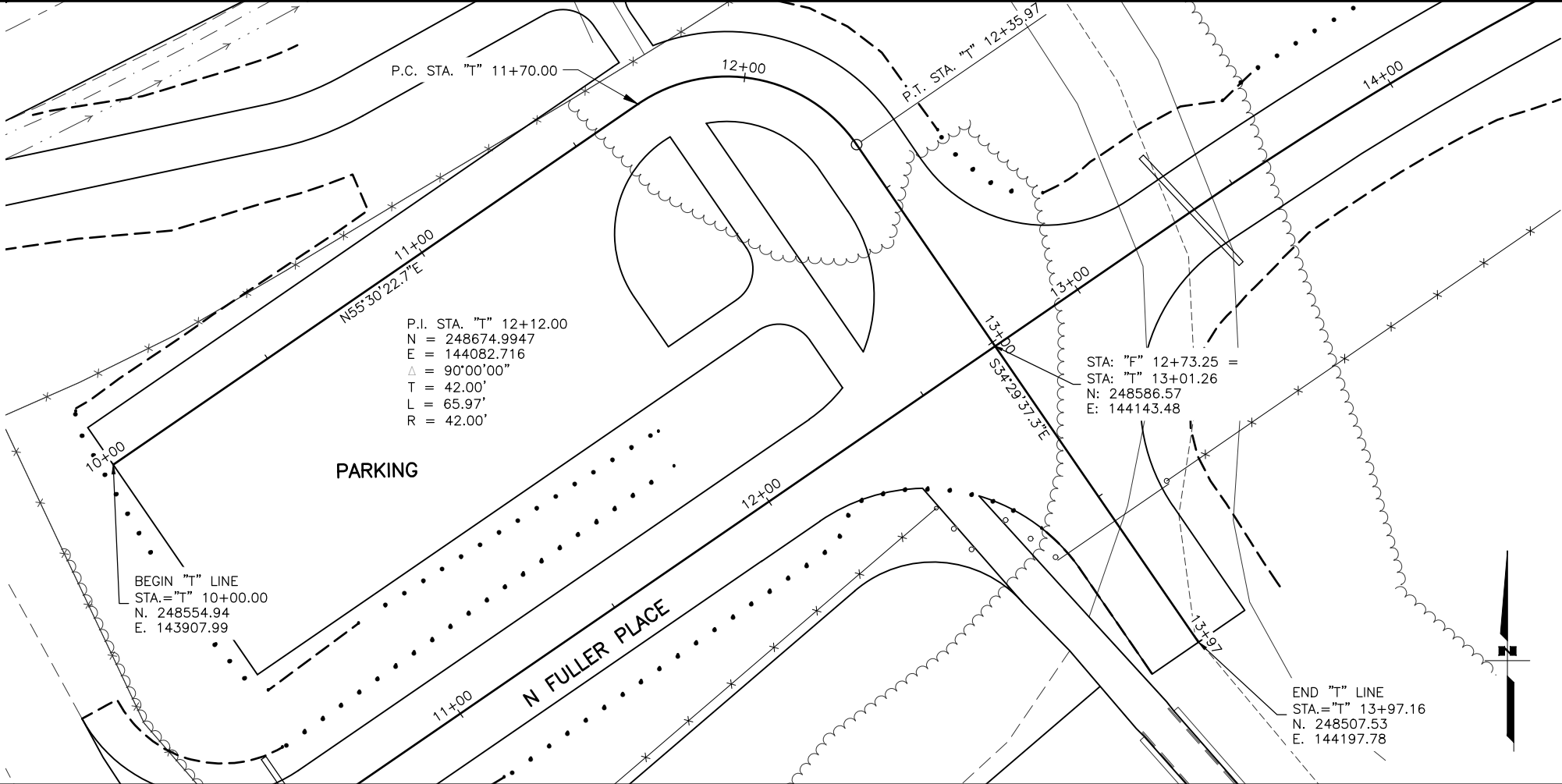
WINDY BOTTOM RD

STEVEN M. STEINHILBER
REGISTERED PROFESSIONAL ENGINEER
STATE OF ALASKA

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



SHEET NO.	TOTAL SHEETS
F20	F31
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
001723/ CFHWY00562	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

THIS SHEET

PITTMAN RD

SELDON RD EXTENSION

WYOMING DR

WINDY BOTTOM RD

STATE OF ALASKA

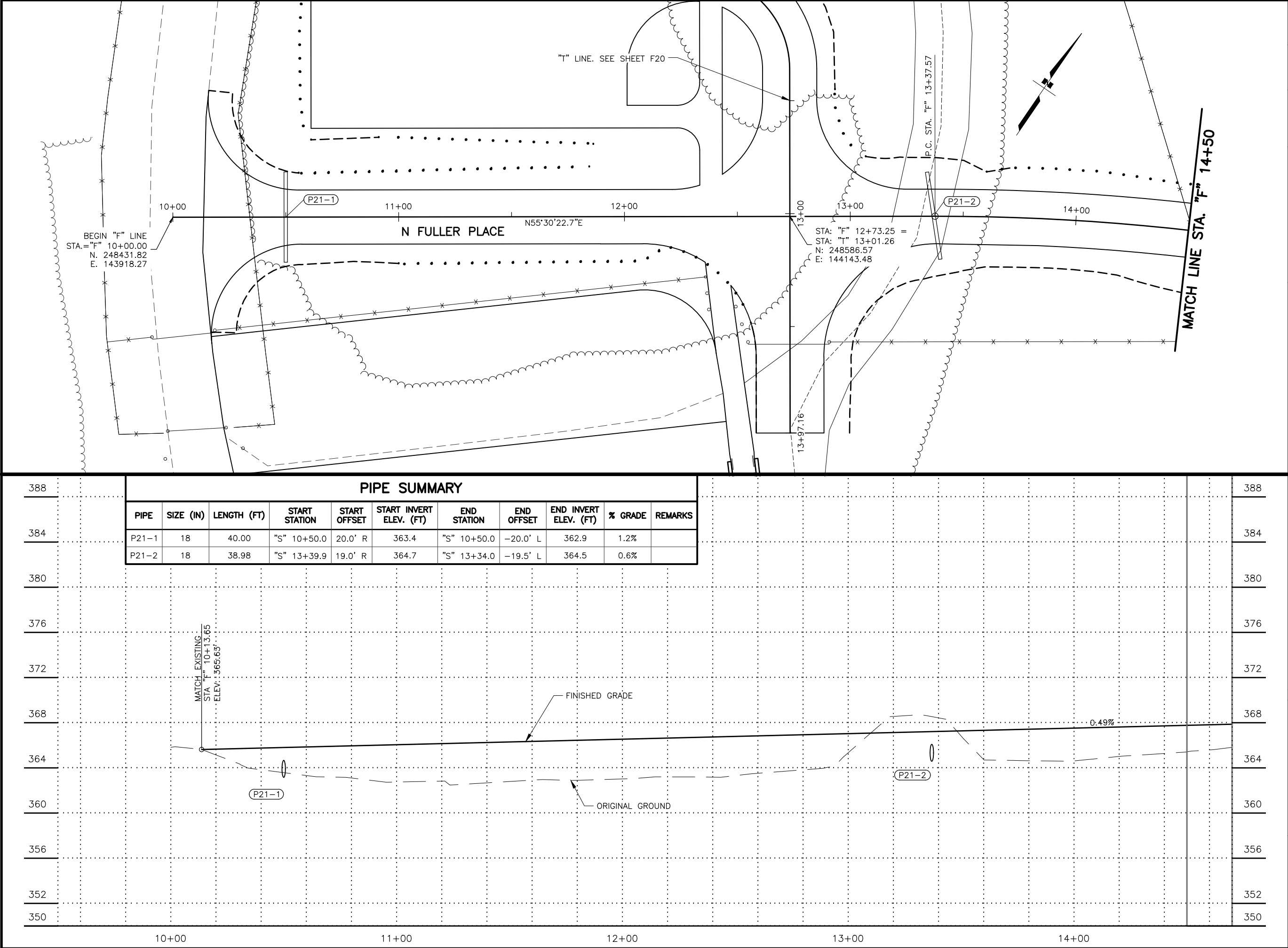
REGISTERED PROFESSIONAL ENGINEER

STEVEN M. ...

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



SHEET NO.
F21

TOTAL SHEETS
F31

STATE
ALASKA

YEAR
2025

PROJECT DESIGNATION
**001723/
CFHWY00562**

NO.

REVISION

DATE

NO.

REVISION

DATE

NO.

REVISION

DATE

THIS SHEET

PITTMAN RD

SELDON RD EXTENSION

WYOMING DR

WINDY BOTTOM RD

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

STATE OF ALASKA

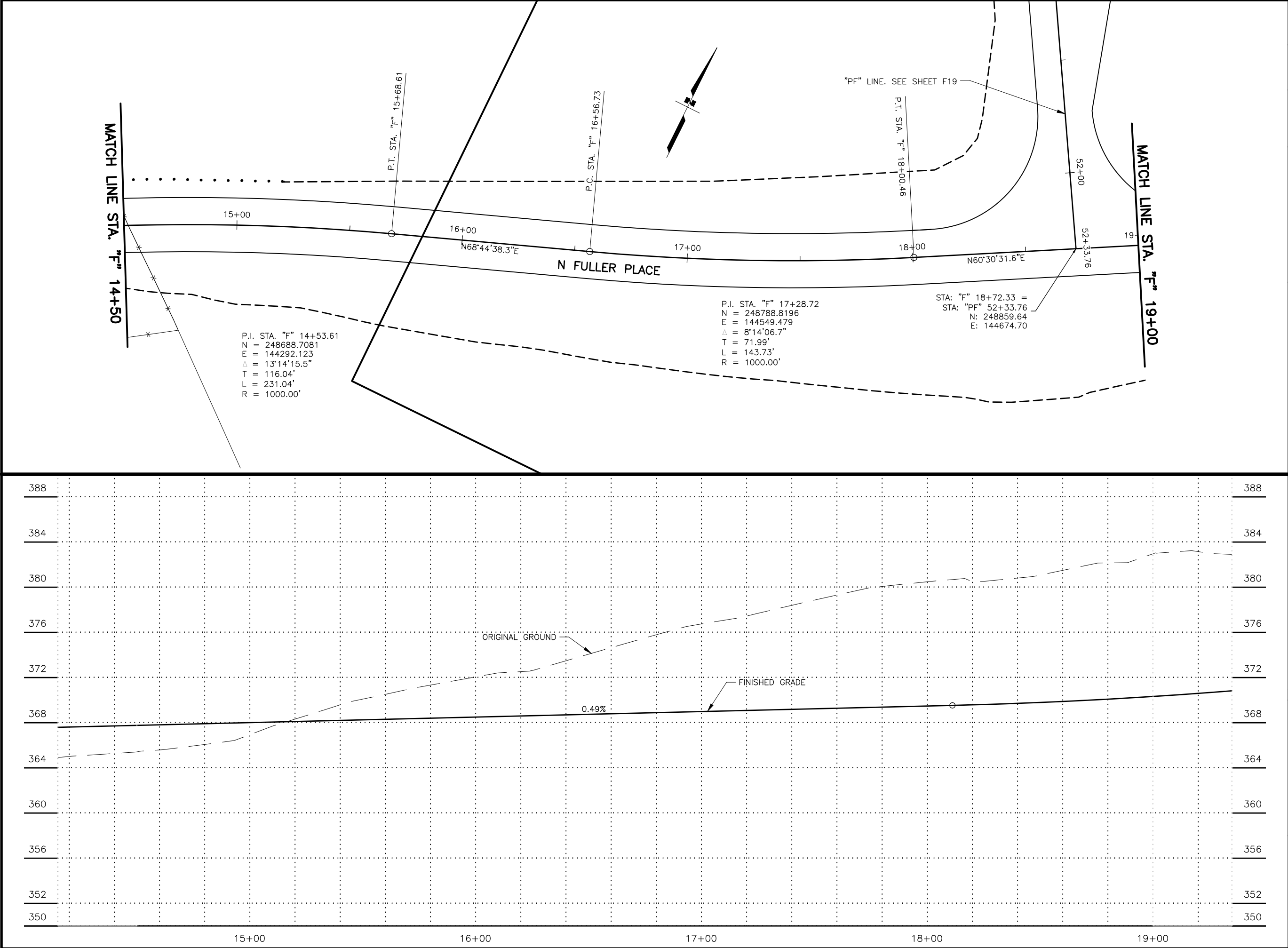
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

SELDON RD EXTENSION

PHASE II

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

**N FULLER PLACE
PLAN AND PROFILE**



SHEET NO.	TOTAL SHEETS
F22	F31
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
001723/ CFHWY00562	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

STATE OF ALASKA

REGISTERED PROFESSIONAL ENGINEER

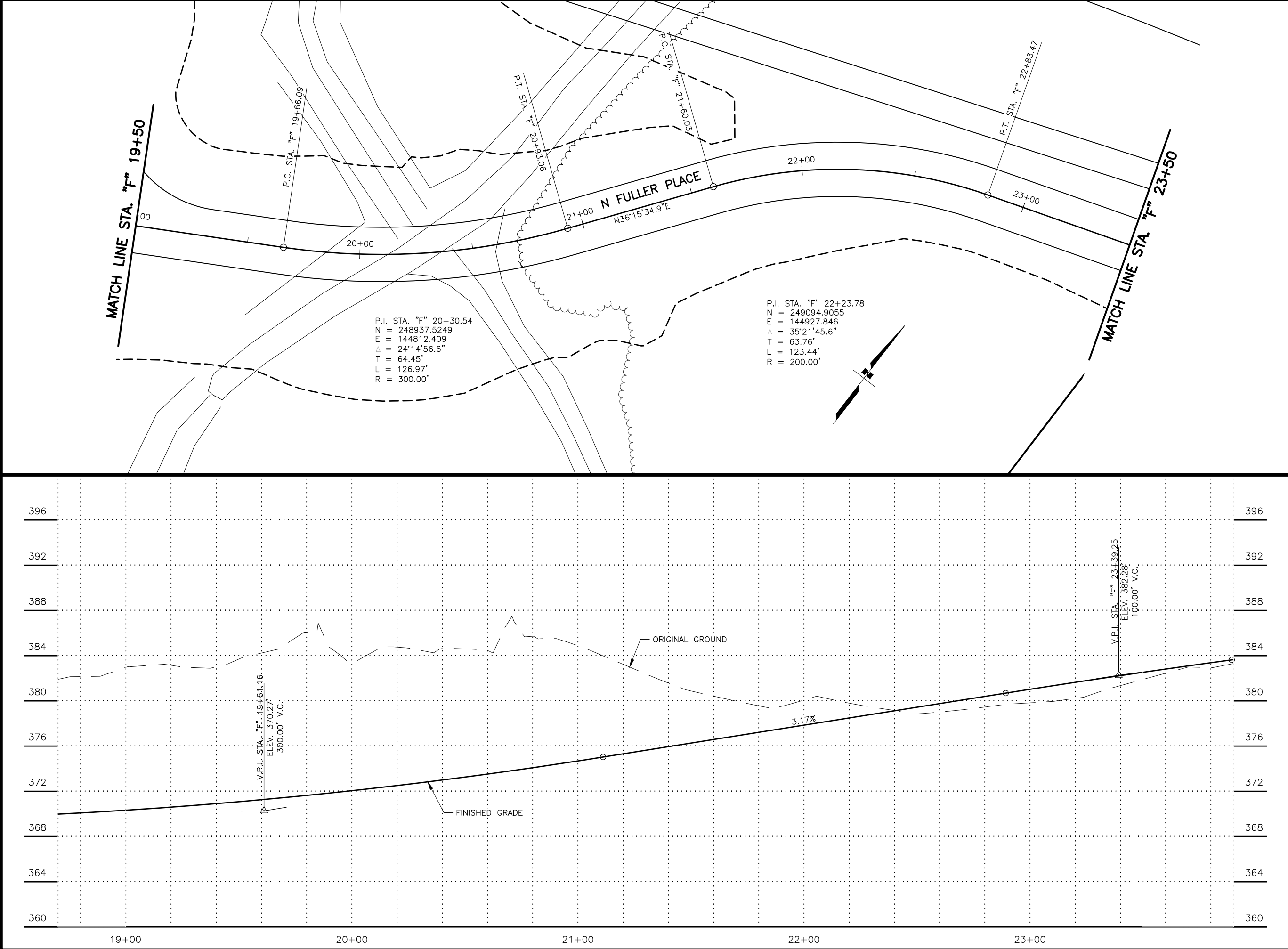
STEVEN M. SAMPSON

10000

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



SHEET NO.	TOTAL SHEETS
F23	F31
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
001723/ CFHWY00562	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

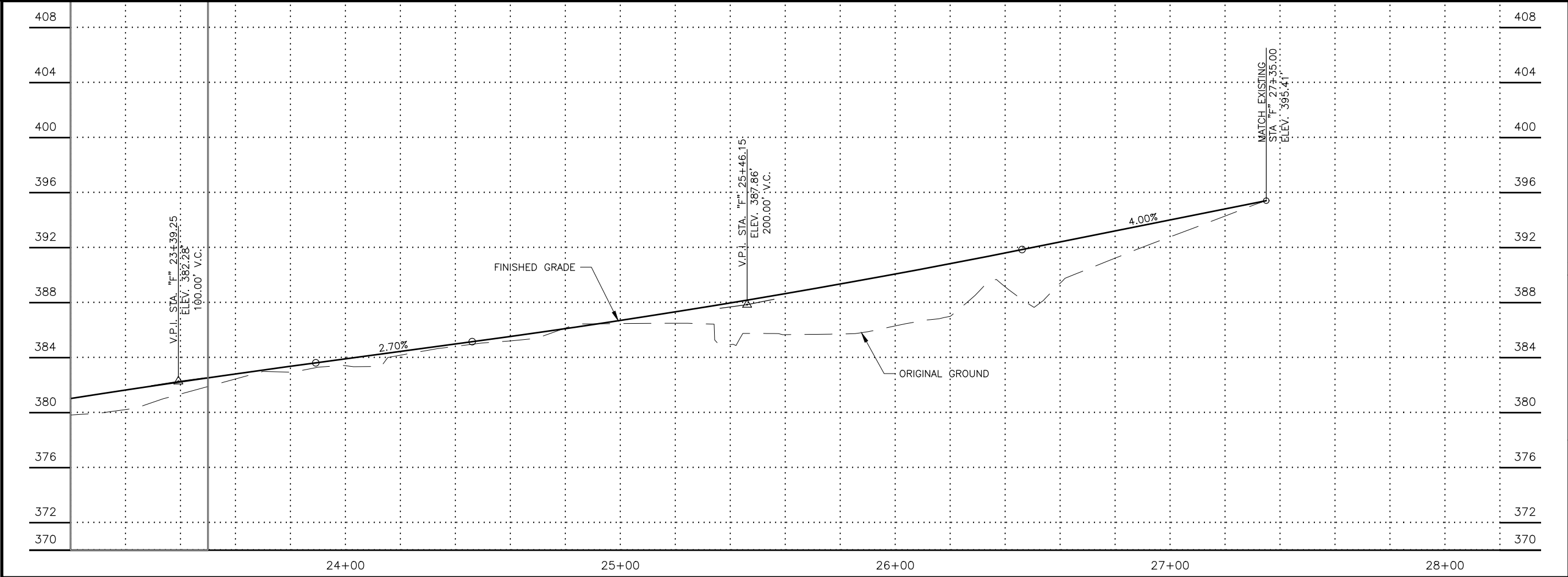
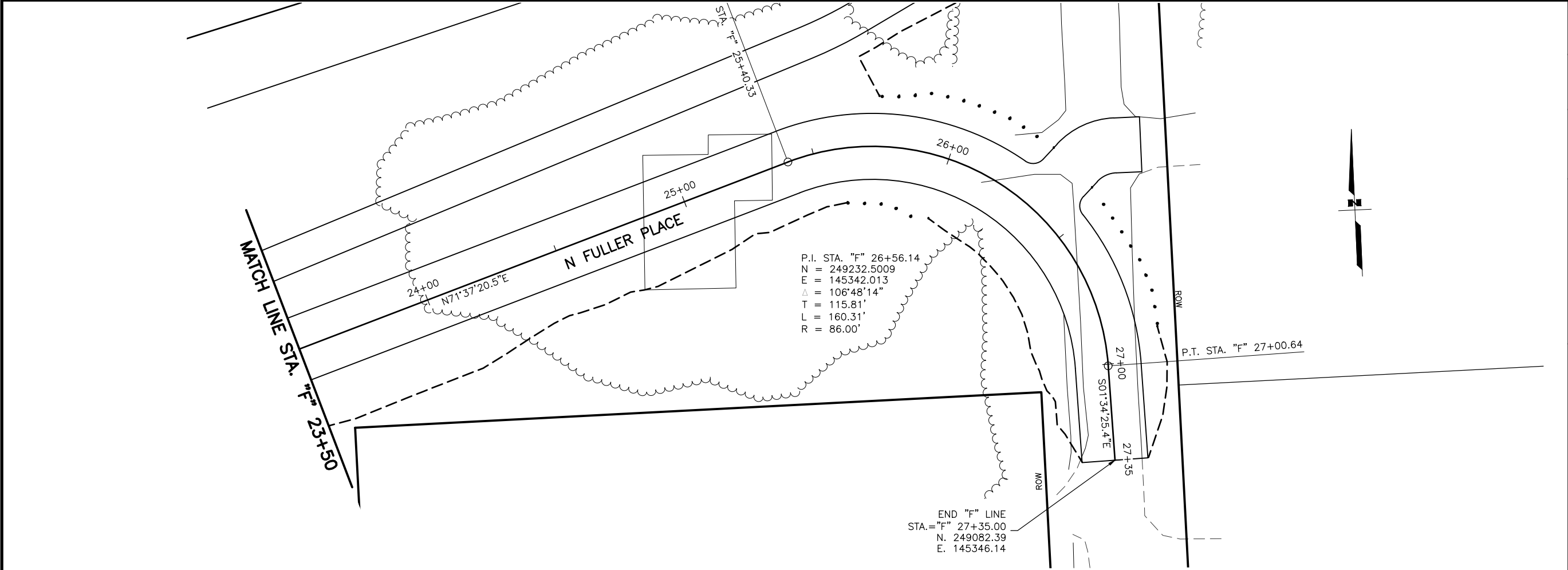
THIS SHEET
PITTMAN RD
SELDON RD EXTENSION
WINDY BOTTOM RD

STATE OF ALASKA
STEVEN M. S&P
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)

N FULLER PLACE
PLAN AND PROFILE



SHEET NO.	TOTAL SHEETS
F24	F31
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
001723/ CFHWY00562	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

PITTMAN RD
THIS SHEET
SELDON RD EXTENSION
WINDY BOTTOM RD

STEVEN M. SMITH
REGISTERED PROFESSIONAL ENGINEER
STATE OF ALASKA
#126386

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

DESIGNED BY
CHECKED BY
DRAFTED BY

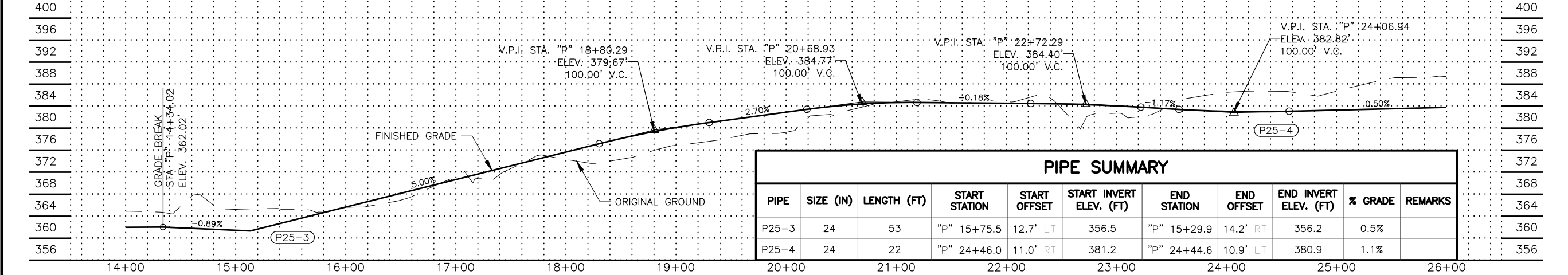
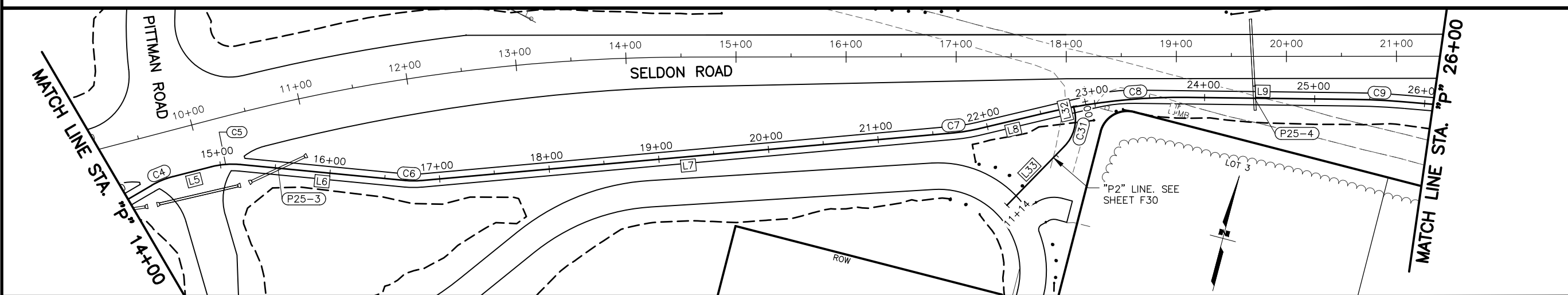
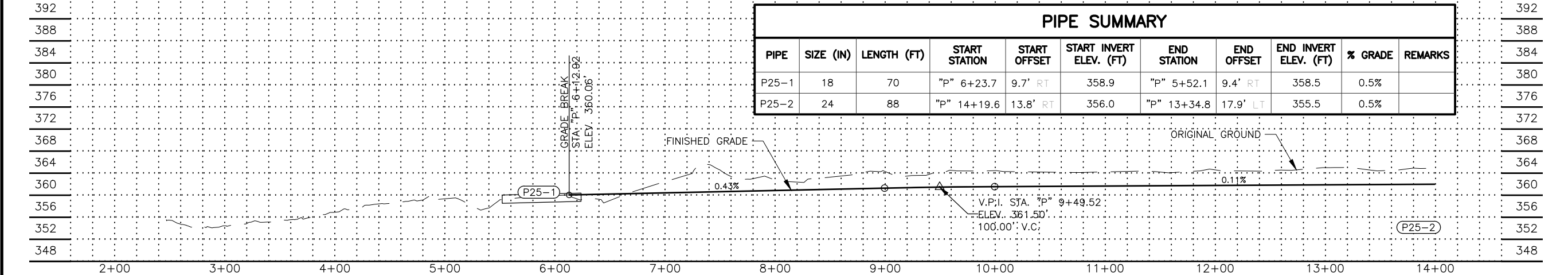
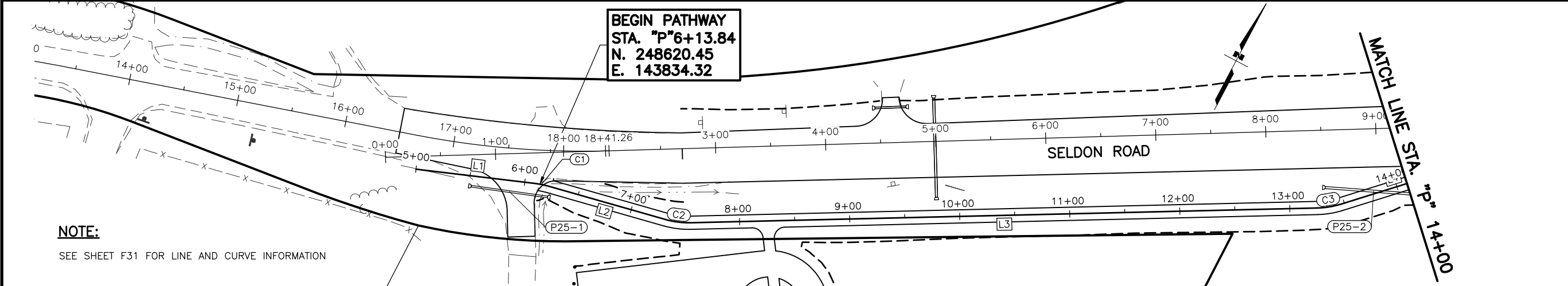
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SMK
MTH

SCALE
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DATE
5/21/2025

TIME
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DRAWING LOCATION
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SHEET NO.
F25

TOTAL SHEETS
F31

STATE
ALASKA

YEAR
2025

PROJECT DESIGNATION
**001723/
CFHWY00562**

NO.

REVISION

DATE

NO.

REVISION

DATE

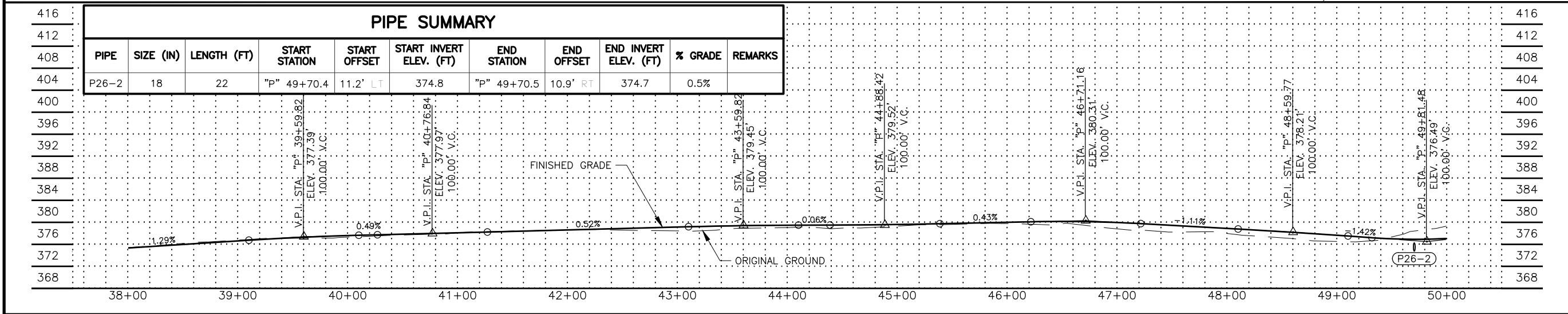
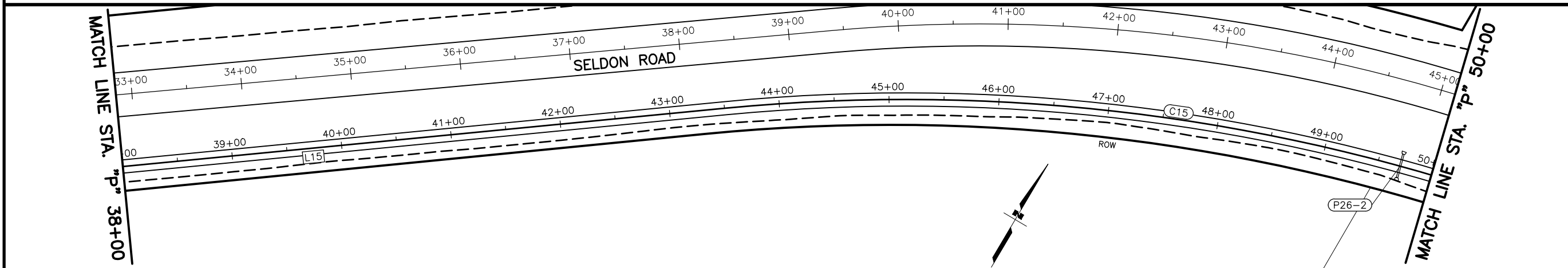
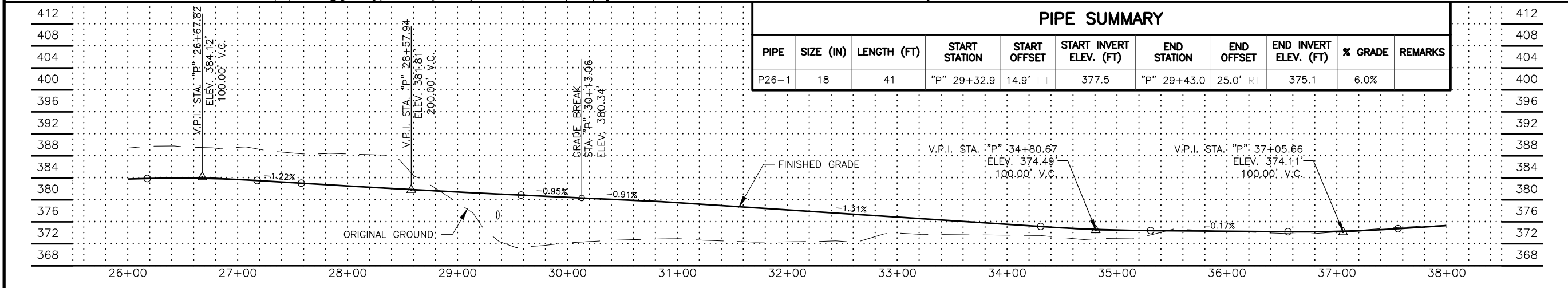
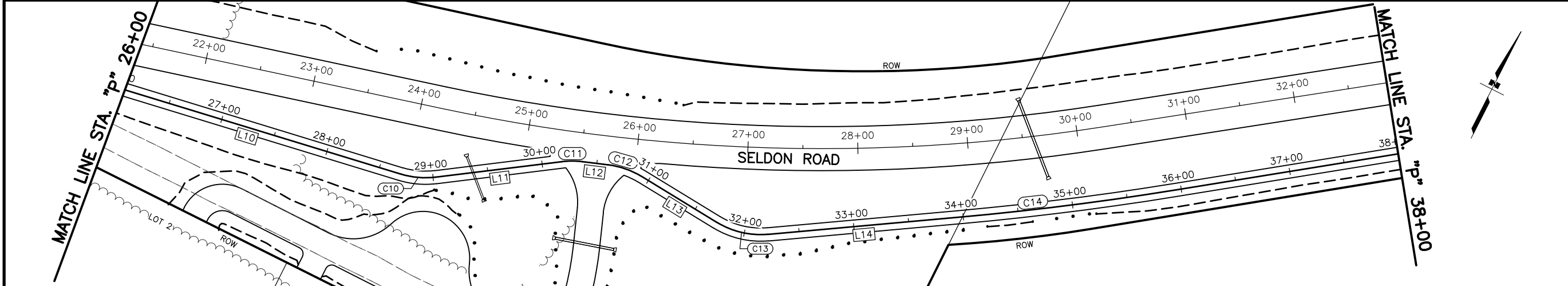
NO.

REVISION

DATE

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**



SHEET NO.
F26

TOTAL SHEETS
F31

STATE
ALASKA

YEAR
2025

PROJECT DESIGNATION
**001723/
CFHWY00562**

NO.

REVISION

DATE

NO.

REVISION

DATE

NO.

REVISION

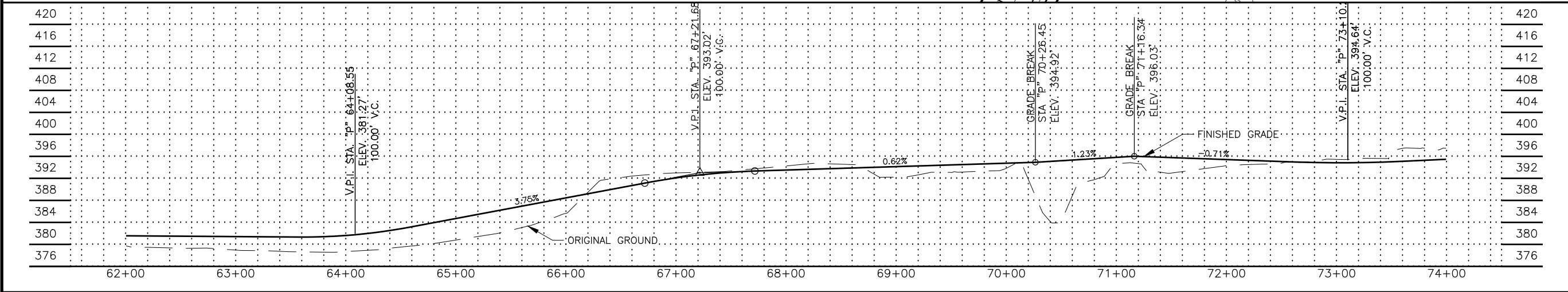
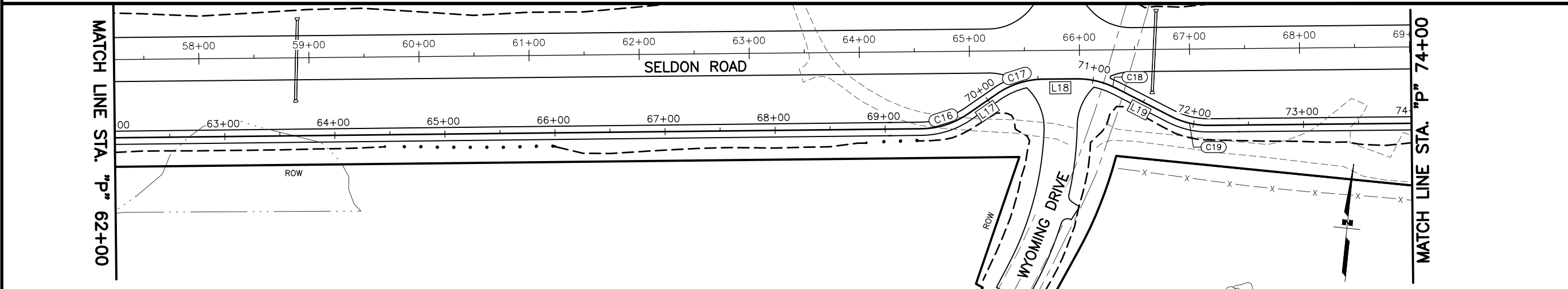
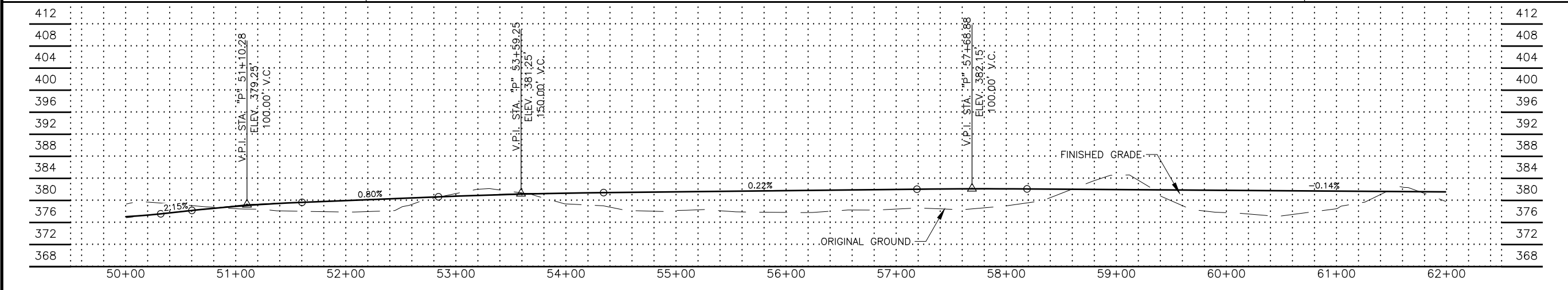
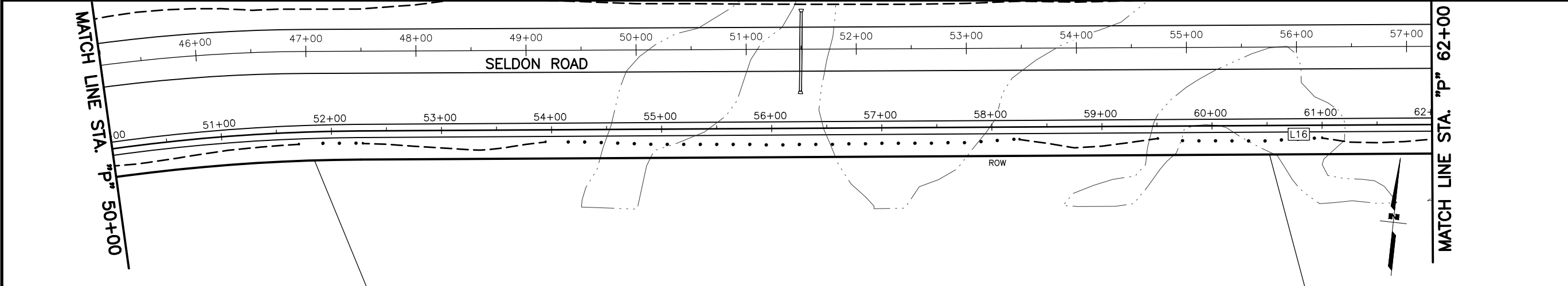
DATE

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

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

CERTIFICATE OF AUTHORIZATION #126386

PATHWAY
PLAN AND PROFILE



SHEET NO.	TOTAL SHEETS
F27	F31
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
001723/ CFHWY00562	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION

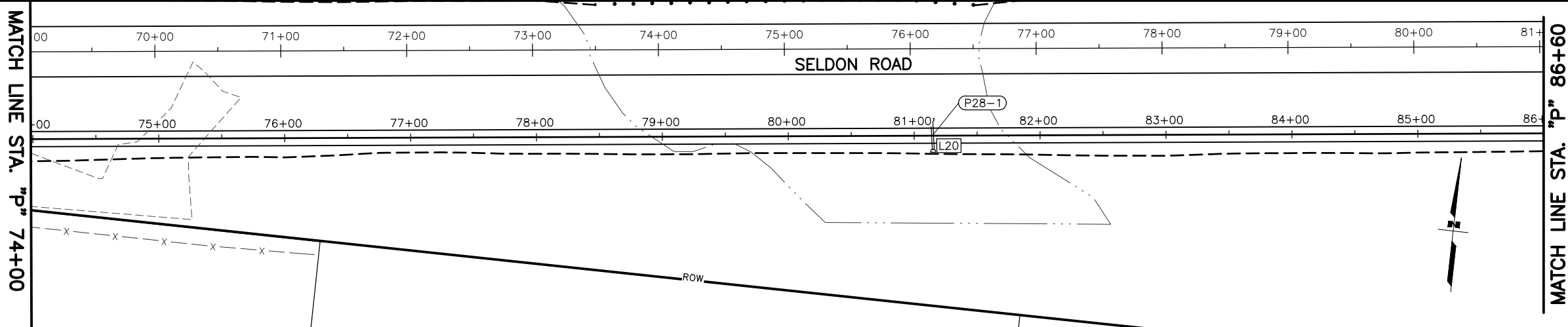
REGISTERED PROFESSIONAL ENGINEER

STEVEN M. S&P

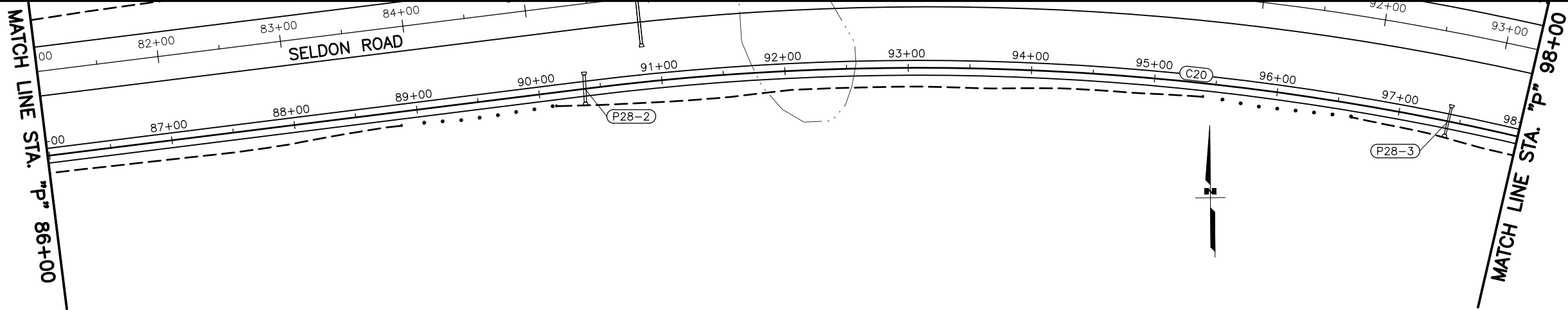
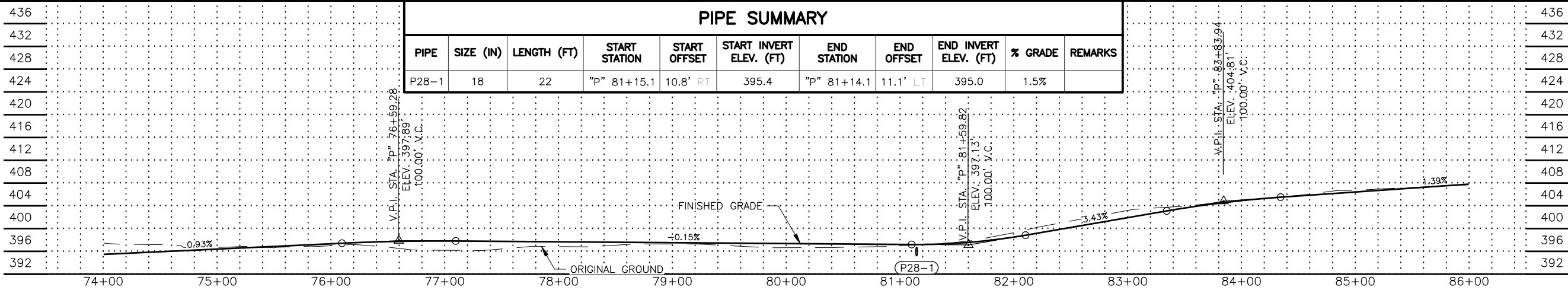
PLANS DEVELOPED BY:
STANTEC CONSULTING SERVICES INC.
3900 C STREET, SUITE 902
ANCHORAGE, AK 99503
907-276-4245
CERTIFICATE OF AUTHORIZATION #126386

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

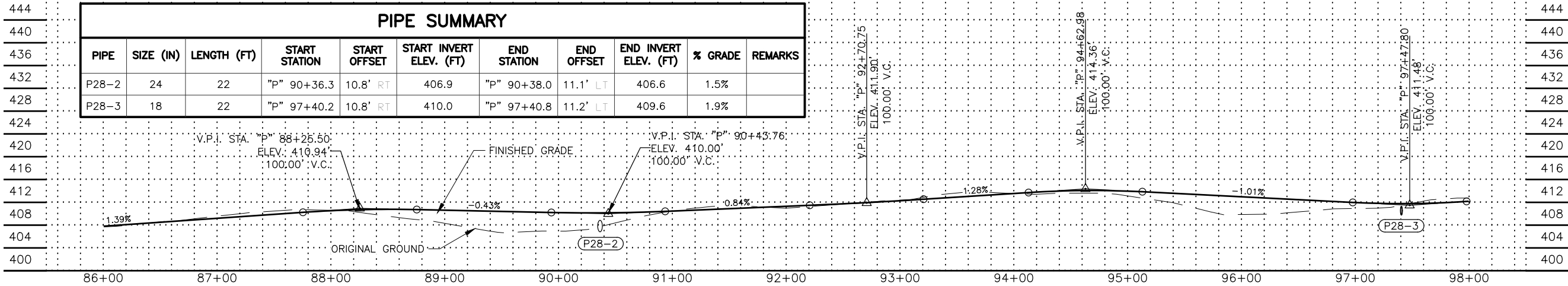
PATHWAY
PLAN AND PROFILE



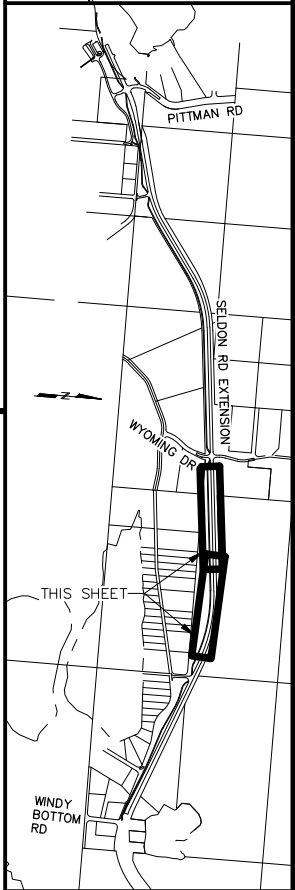
PIPE SUMMARY										
PIPE	SIZE (IN)	LENGTH (FT)	START STATION	START OFFSET	START INVERT ELEV. (FT)	END STATION	END OFFSET	END INVERT ELEV. (FT)	% GRADE	REMARKS
P28-1	18	22	"P" 81+15.1	10.8' RT	395.4	"P" 81+14.1	11.1' LT	395.0	1.5%	



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%	



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

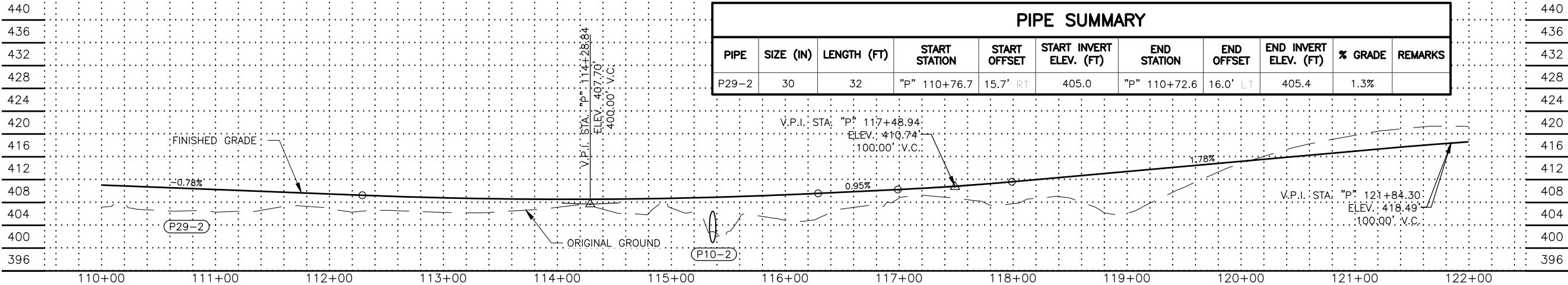
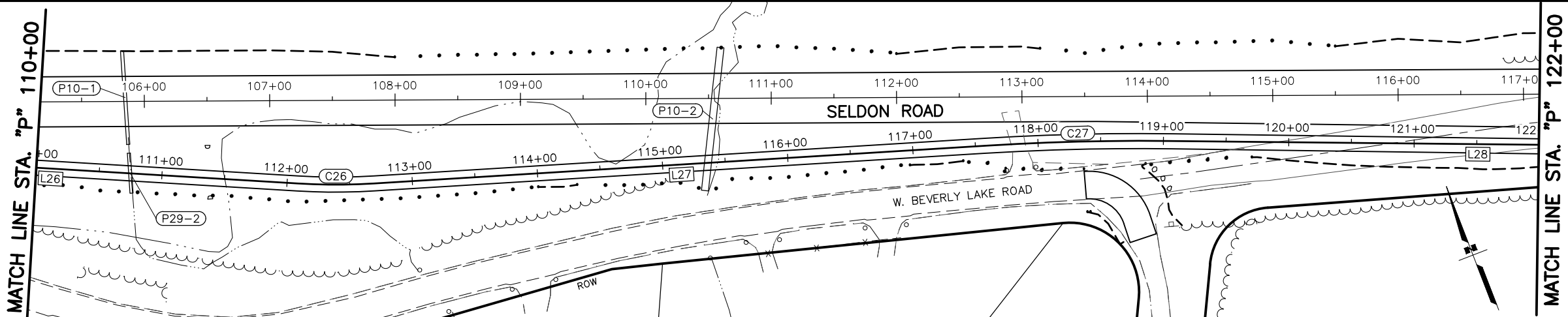
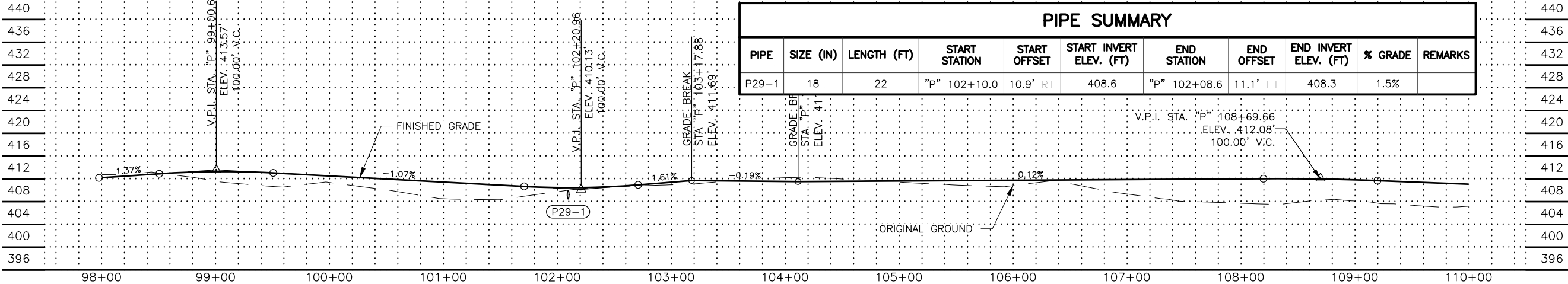
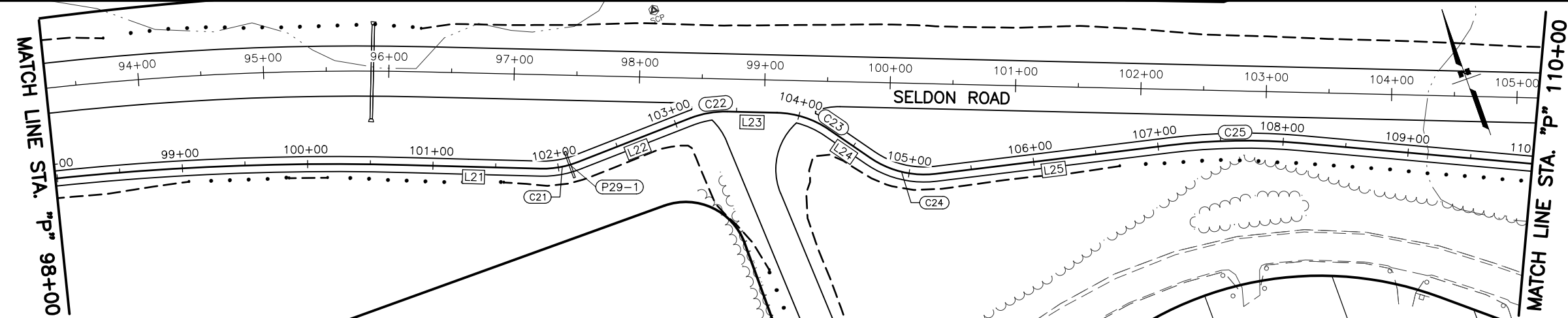


STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SELDON RD EXTENSION
PHASE II
WINDY BOTTOM/BEVERLY LAKES RD
TO PITTMAN RD (MSB)

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

STEVEN M.
REGISTERED PROFESSIONAL ENGINEER

PATHWAY
PLAN AND PROFILE



SHEET NO.
F29

TOTAL SHEETS
F31

STATE
ALASKA

YEAR
2025

PROJECT DESIGNATION
001723/
CFHWY00562

NO.

REVISION

DATE

NO.

REVISION

DATE

NO.

REVISION

DATE

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

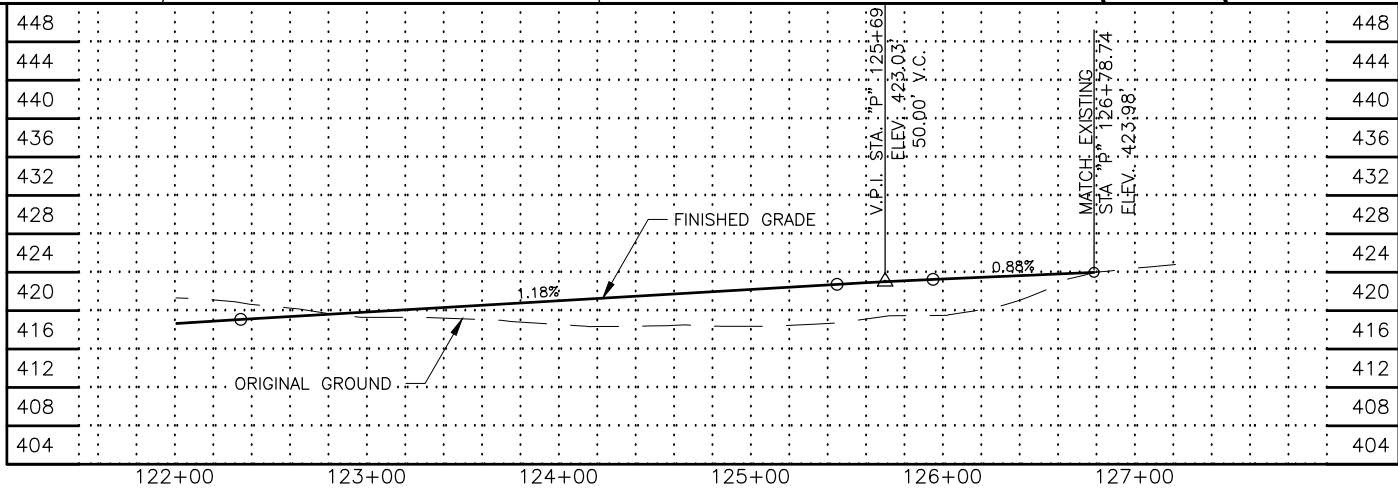
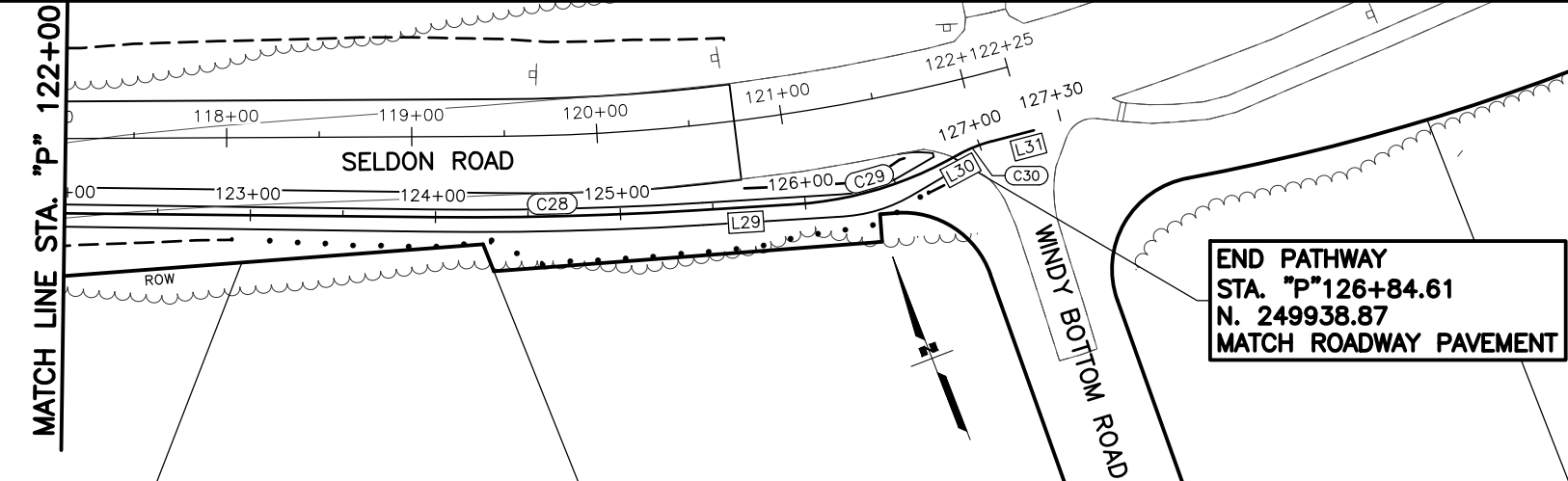
PLANS DEVELOPED BY:
STANTEC CONSULTING SERVICES INC.
3900 C STREET, SUITE 902
ANCHORAGE, AK 99503
907-276-4245
CERTIFICATE OF AUTHORIZATION #126386

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

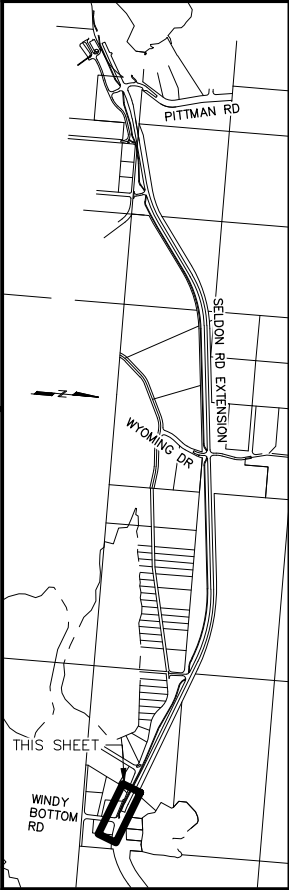
PATHWAY
PLAN AND PROFILE

MLH	DESIGNED BY	SCALE	TIME	DATE
SMK	CHECKED BY	1" = 50'	9:39 PM	5/21/2025
MTH	DRAFTED BY			

DRAWING LOCATION
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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	



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

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

STEVEN M. [Signature]
REGISTERED PROFESSIONAL ENGINEER

DRAWING LOCATION		DATE	TIME	SCALE	DESIGNED BY	MLH
U:\2047079900\DRAWING\ SHEETS\01723_F26-F32_PATHWAY_PNP.DWG		5/21/2025			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

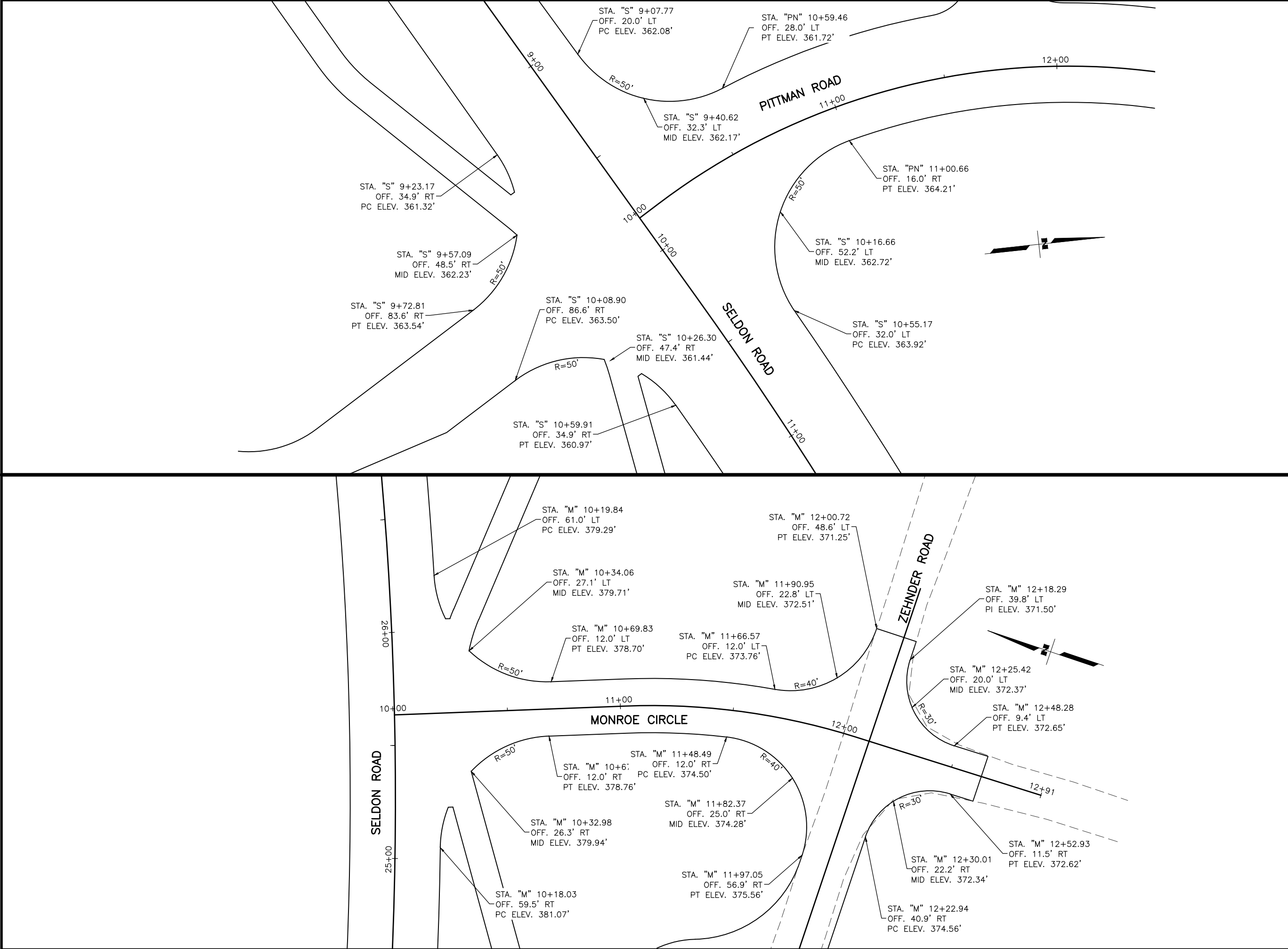
CURVE TABLE					
CURVE #	START STATION	RADIUS	DELTA	LENGTH	END STATION
C1	"P"6+09.15	76.00'	9°05'03.97"	12.05'	"P"6+21.20
C2	"P"7+32.53	76.00'	17°14'56.53"	22.88'	"P"7+55.41
C3	"P"13+25.41	76.00'	15°59'34.26"	21.21'	"P"13+46.62
C4	"P"14+34.53	76.00'	15°50'57.56"	21.02'	"P"14+55.55
C5	"P"14+91.47	76.00'	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



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



SHEET NO.	TOTAL SHEETS
G1	G3
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
001723/ CFHWY00562	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

THIS SHEET

PITTMAN RD

SELDON RD EXTENSION

WYOMING DR

WINDY BOTTOM RD

STATE OF ALASKA

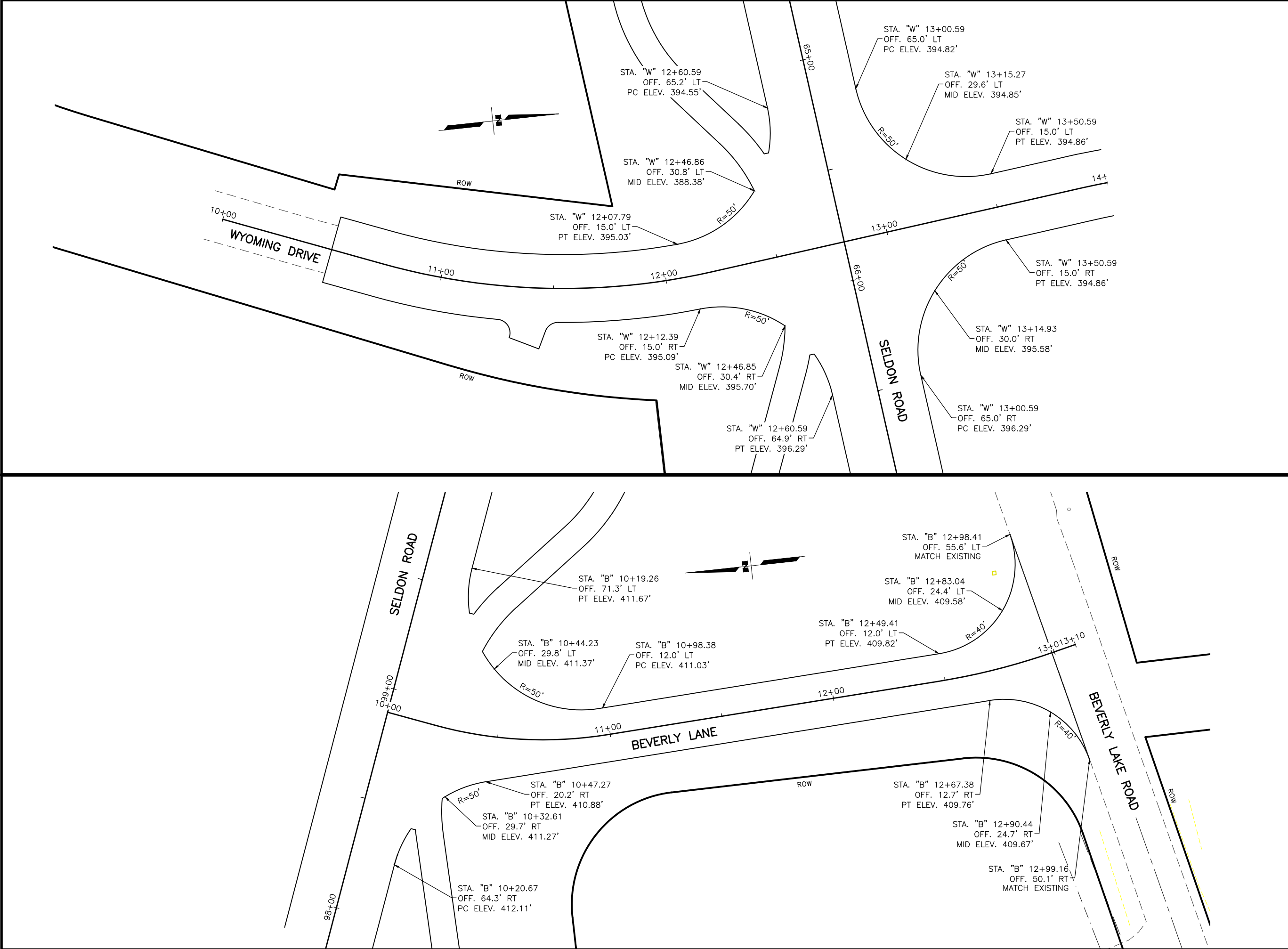
REVIEW

PS&E

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,
MONROE CIRCLE
GRADING



SHEET NO.	TOTAL SHEETS
G2	G3
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
001723/ CFHWY00562	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

THIS SHEET

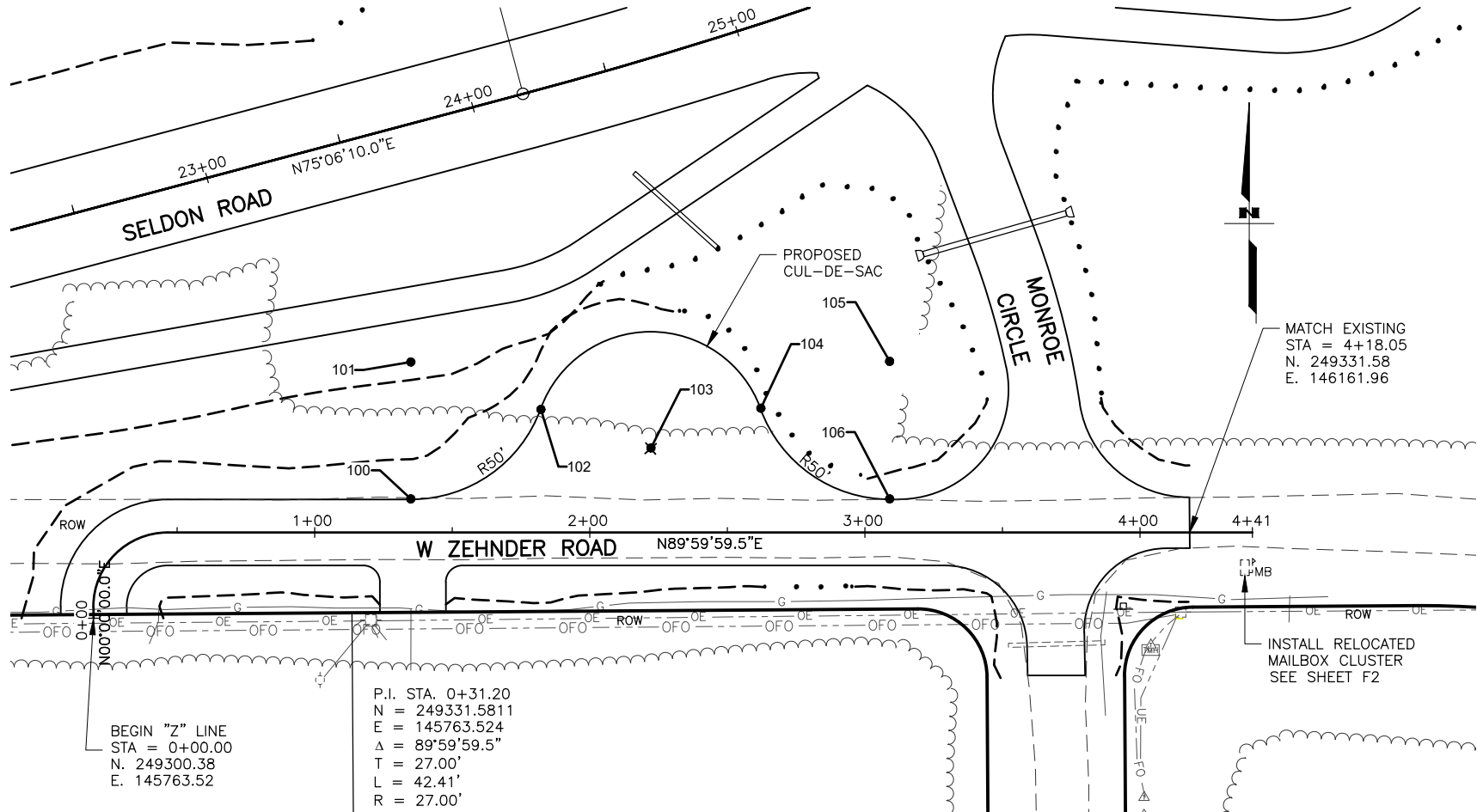
WINDY BOTTOM RD

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
REGISTERED PROFESSIONAL ENGINEER
STEVEN M. JOHNSON
907-276-4245
CERTIFICATE OF AUTHORIZATION #126386

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

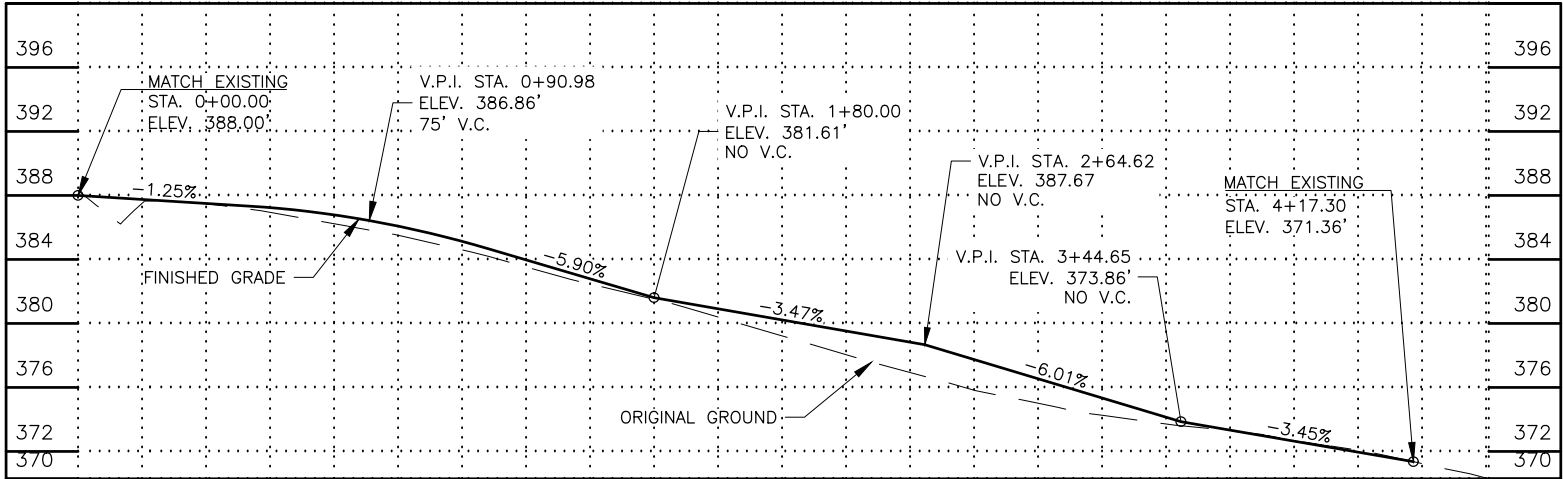
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SELDON RD EXTENSION
PHASE II
WINDY BOTTOM/BEVERLY LAKES RD
TO PITTMAN RD (MSB)

WYOMING DRIVE,
BEVERLY LANE
GRADING



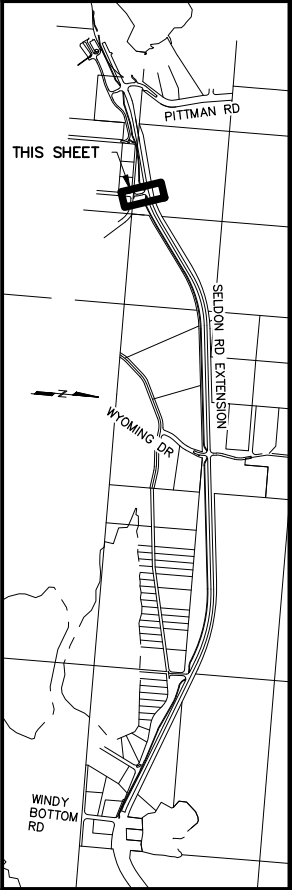
ZEHNDER ROAD PLAN

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



ZEHNDER ROAD PROFILE

SHEET NO.	TOTAL SHEETS
G3	G3
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
001723/ CFHWY00562	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

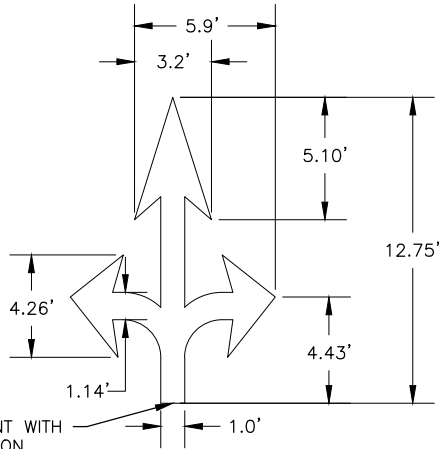


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3900 C STREET, SUITE 902
ANCHORAGE, AK 99503
907-276-4245

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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



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.
 - PT MEANS A PERFORATED STEEL TUBE.
 - T MEANS A SQUARE STEEL TUBE.
 - P MEANS A ROUND STEEL PIPE.
 - W MEANS A WIDE FLANGE BEAM.
 - 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.
 - 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.
 - 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.

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

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 DIGILINE....907-278-3121 OR 800-478-3121

CALL OR GO TO WWW.AKONECALL.COM/STATEWIDE.HTM FOR MEMBER LIST OF WHO WILL BE NOTIFIED



PLANS DEVELOPED BY:
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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

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

FLAG LEGEND COLOR, BLACK

FLAG BACKGROUND COLOR, HAZARD ORANGE

4"

!WARNING

ARC FLASH AND SHOCK HAZARD PRESENT

APPROPRIATE PPE REQUIRED

Arc Flash Boundary4.42Ft

Incident Energy in cal/cm²6.80

Working Distance18In

Shock Hazard Exposure240VAC

Insulating Gloves Class00

Shock HazardWHEN COVER IS REMOVED

Limited Approach Boundary3.5Ft

Restricted Approach Boundary1Ft

*ENCLOSURE TAG

Level2

Minimum PPE Requirements

ARC-RATED LONG-SLEEVE SHIRT/PANTS OR COVERALL SELECTED TO MEET MINIMUM ENERGY-RATING REQUIRED
ARC-RATED FLASH SUIT HOOD
ARC-RATED JACKET, PARKA, RAINWEAR, OR HARD HAT LINER (AS NEEDED)
HARD HAT
SAFETY GLASSES OR GOGGLES
HEARING PROTECTION (EAR CANAL INSERTS)
HEAVY-DUTY LEATHER GLOVES
LEATHER FOOTWEAR

Calculated available fault current: 3398 AMPS

*SITE INFORMATION

CALCULATED 22 JUN 2023

6"

STATIC LEGEND COLOR, BLACK

FILL CALCULATION VALUES AND NOTES WITH BOLD TEXT. VALUE AND NOTE LEGEND COLOR, BLACK

SITE SPECIFIC PPE LEVEL WATERMARK (OPTIONAL). WATERMARK COLOR, GRAY

SEE NOTE 1

SEE NOTE 2

MAIN BACKGROUND COLOR, WHITE

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/CM²), 2 (4.1 TO 8.0 CAL/CM²), 3 (8.1 TO 25.0 CAL/CM²), 4 (25.1 TO 39.9 CAL/CM²), OR WP (WORK PROHIBITED, FOR EQUIPMENT IN WHICH THE CALCULATED ARC FLASH INCIDENT ENERGY IS ≥ 40 CAL/CM²).
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.

*ARC FLASH LABEL SUMMARY		
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
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

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

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

NOTES:

LOOP LEAD-IN SPLICE

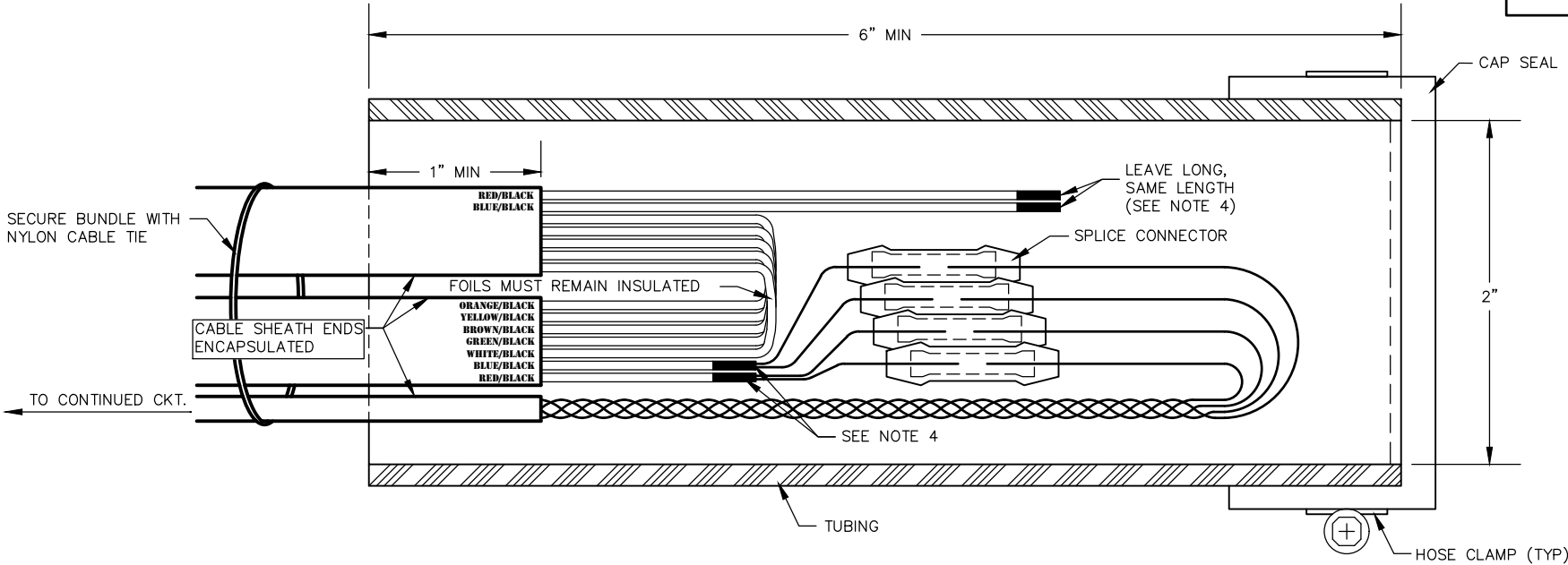
- FABRICATE LOOP LEAD-IN SPLICE IN THE FIELD AS SHOWN.
- CAP SEAL ONE END AND COMPLETELY FILL OPEN END WITH RE-ENTERABLE ENCAPSULATION COMPOUND TO EDGE OF TUBING.
- LEAVE A MINIMUM OF 1/2" CLEARANCE BETWEEN THE ENCLOSURE AND THE SPLICE AT BOTH ENDS OF THE TUBING.
- EXPOSE FOIL AND DRAIN WIRES, SEAL WITH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

POWER CABLE SPLICE

- SECURE CABLE/CONNECTOR BUNDLE WITH HOSE CLAMPS AS SHOWN.

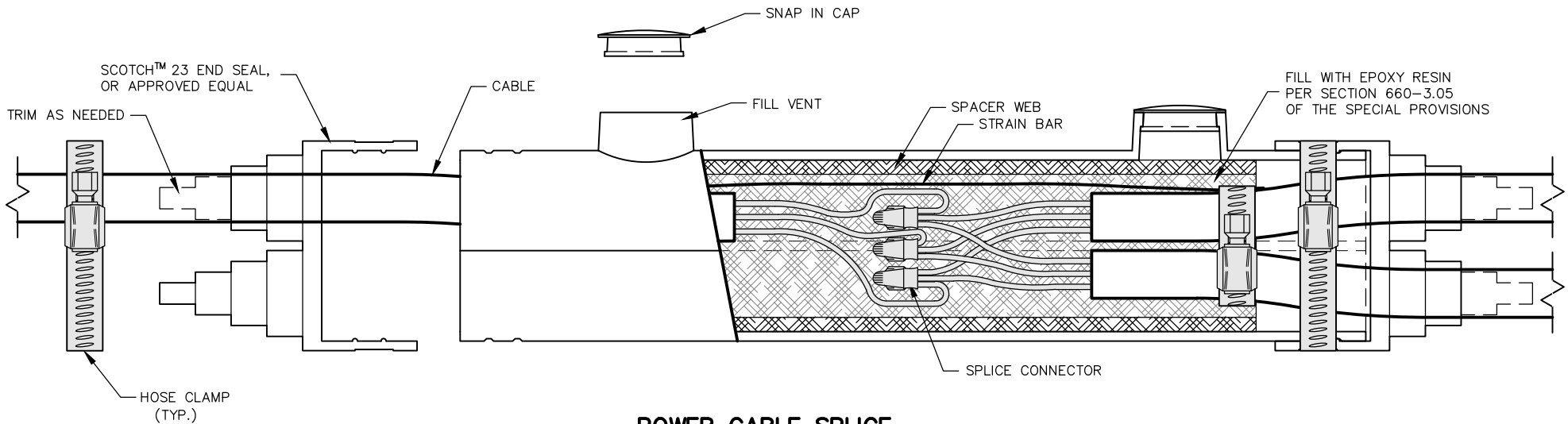
MATERIAL PROPERTIES

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

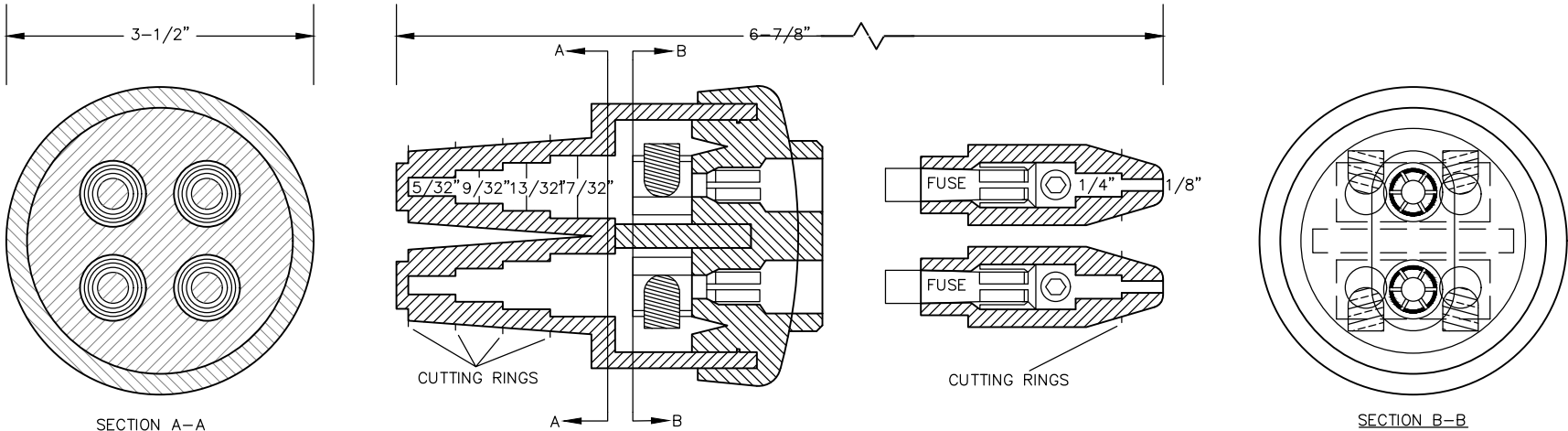


LOOP LEAD-IN SPLICE

NTS



POWER CABLE SPLICE



DOUBLE FUSED CONNECTOR



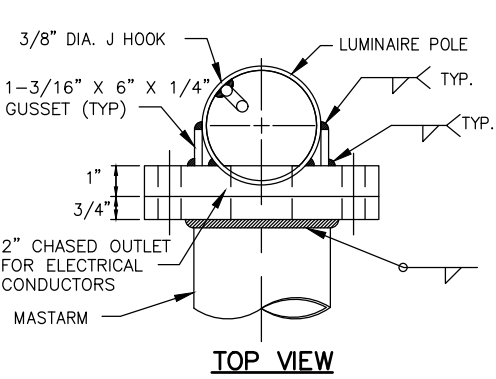
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

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

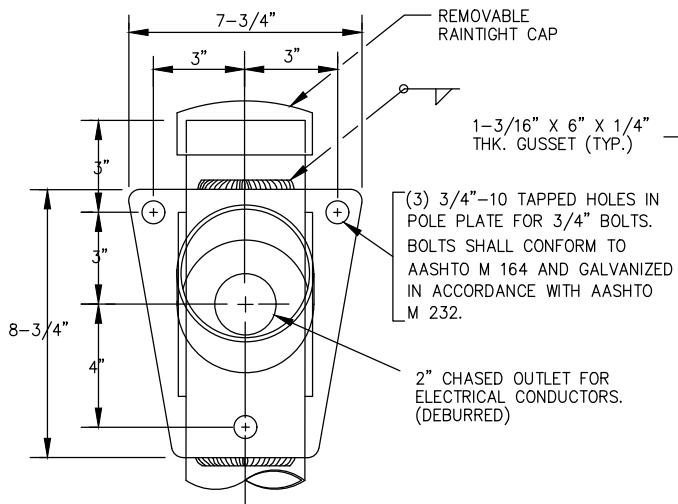
SPLICE

NOTES:

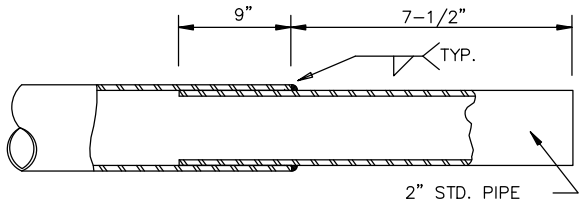
- DESIGN AND FABRICATE ALL SHAFTS TO SUPPORT A MASTARM 22 FEET LONG WITH LUMINAIRE. ASSUME EACH LUMINAIRE WEIGHS 55 POUNDS AND HAS AN EFFECTIVE PROJECTED AREA OF 1.2 SQUARE FEET. WITH THIS DEAD LOAD, LIMIT THE ANGULAR ROTATION TO THE POLE TOP 1'40"0" MAXIMUM.
- WELD SIZE TO BE DETERMINED BY THE MANUFACTURER.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



TOP VIEW

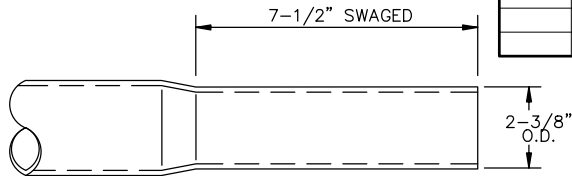


FRONT VIEW

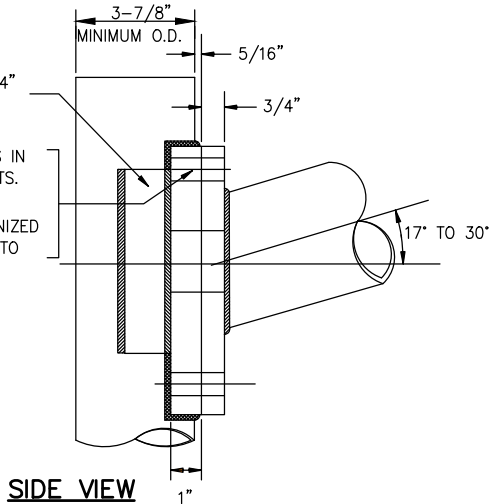


TENON

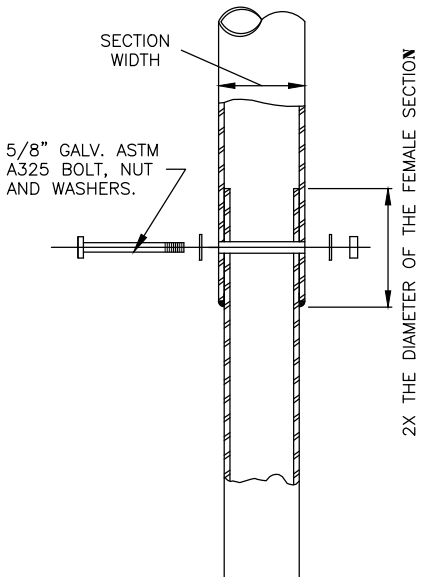
END OF MASTARM DETAIL



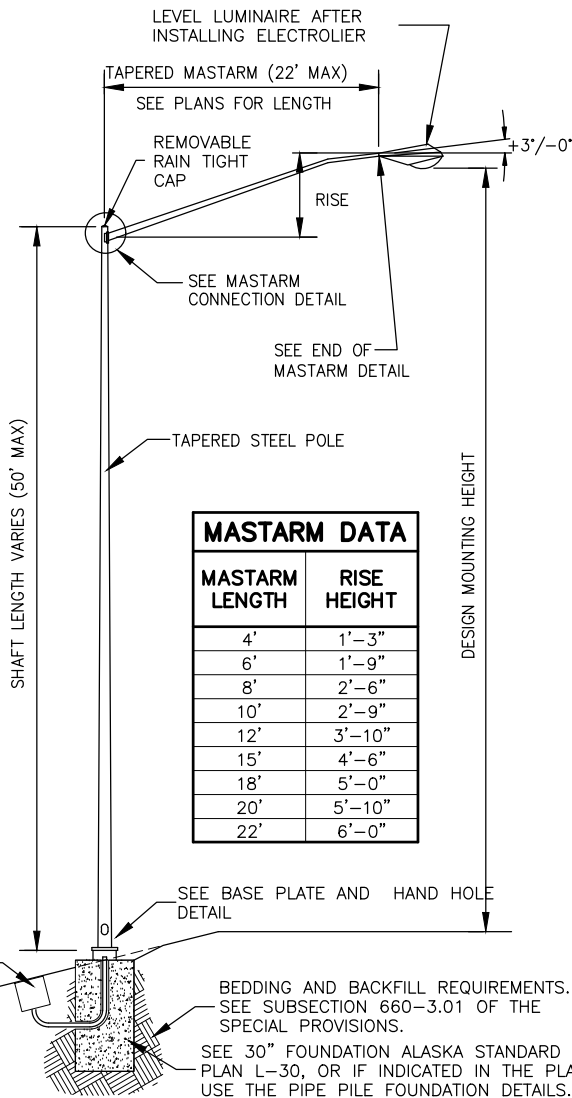
OPTIONAL SWAGED TENON



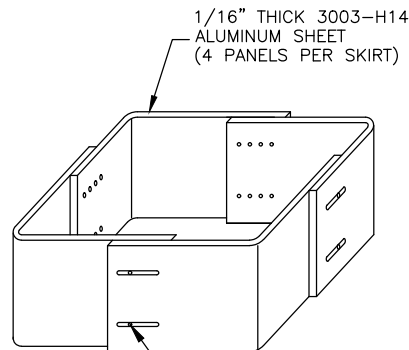
SIDE VIEW



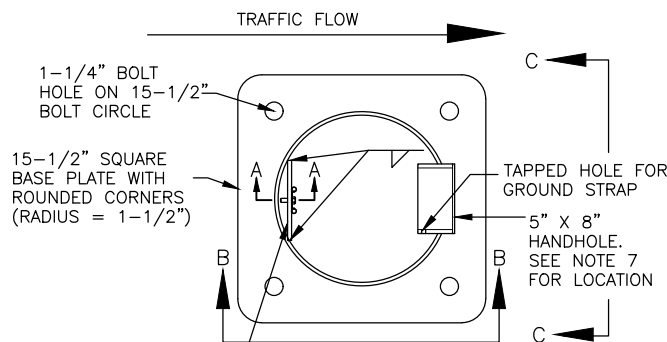
POLE CONNECTION DETAIL



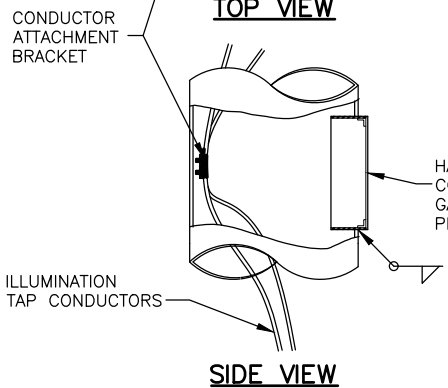
ELECTROLIER ELEVATION



SKIRT DETAIL

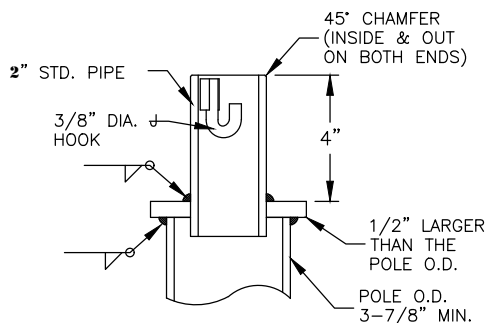


TOP VIEW

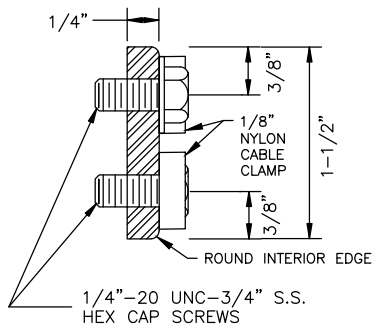


SIDE VIEW

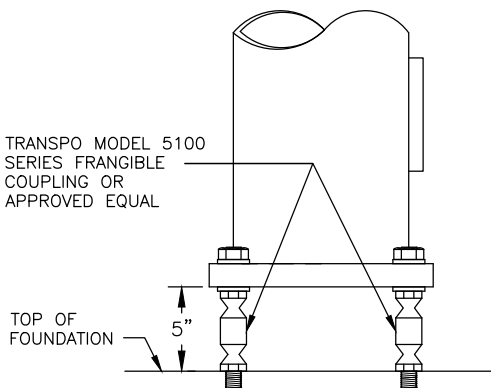
BASE PLATE AND HAND HOLE DETAIL



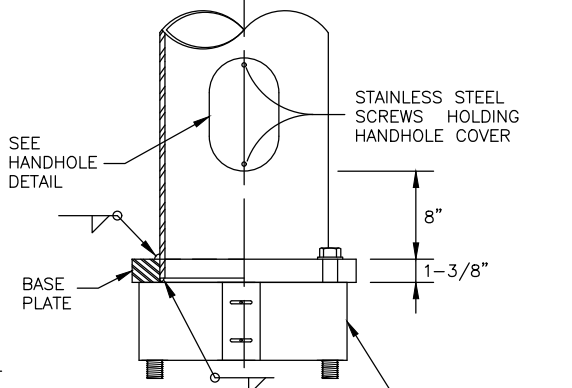
OFFSET LIGHTING
STANDARD POLE TOP DETAIL
(CUTAWAY FOR CLARITY)



SECTION A-A



VIEW B-B



VIEW C-C



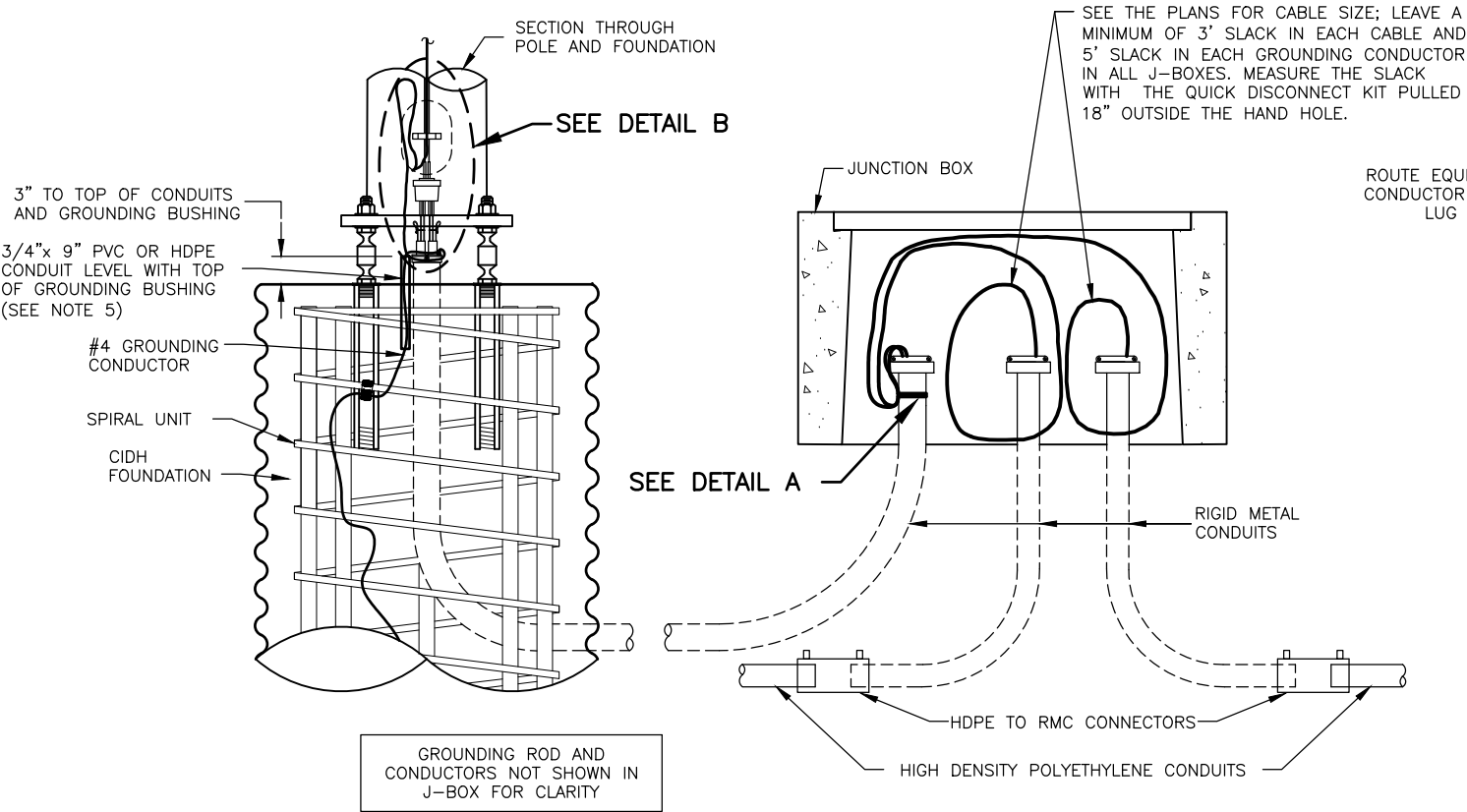
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
**SELDON ROAD EXTENSION
PHASE II
WINDY BOTTOM/BEVERLY LAKES RD
TO PITTMAN RD (MSB)
LIGHTING STANDARD 1**

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

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0001723/CFHWY00562	2025	H6	H23

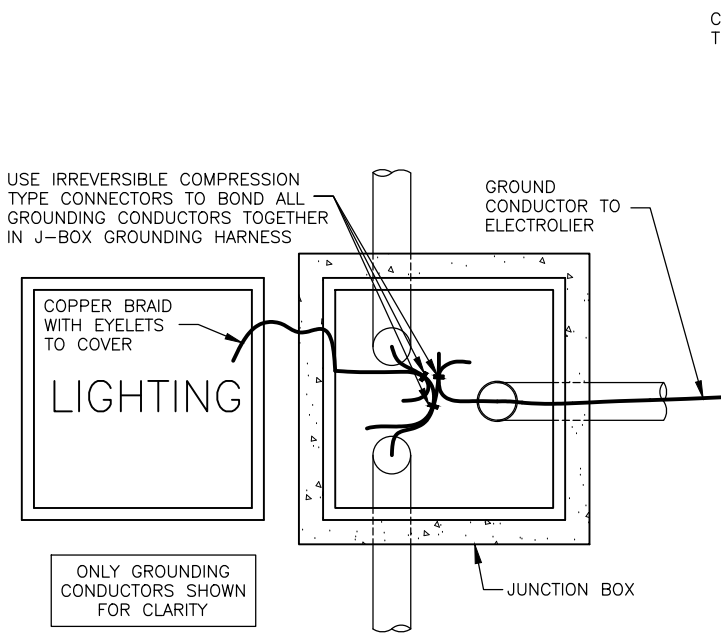
NOTES:

- 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.



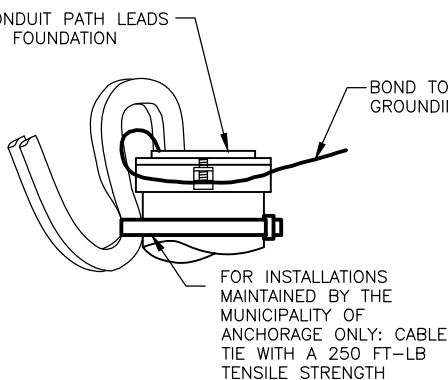
LIGHTING SYSTEM POLE AND J-BOX WIRING DETAILS

NTS

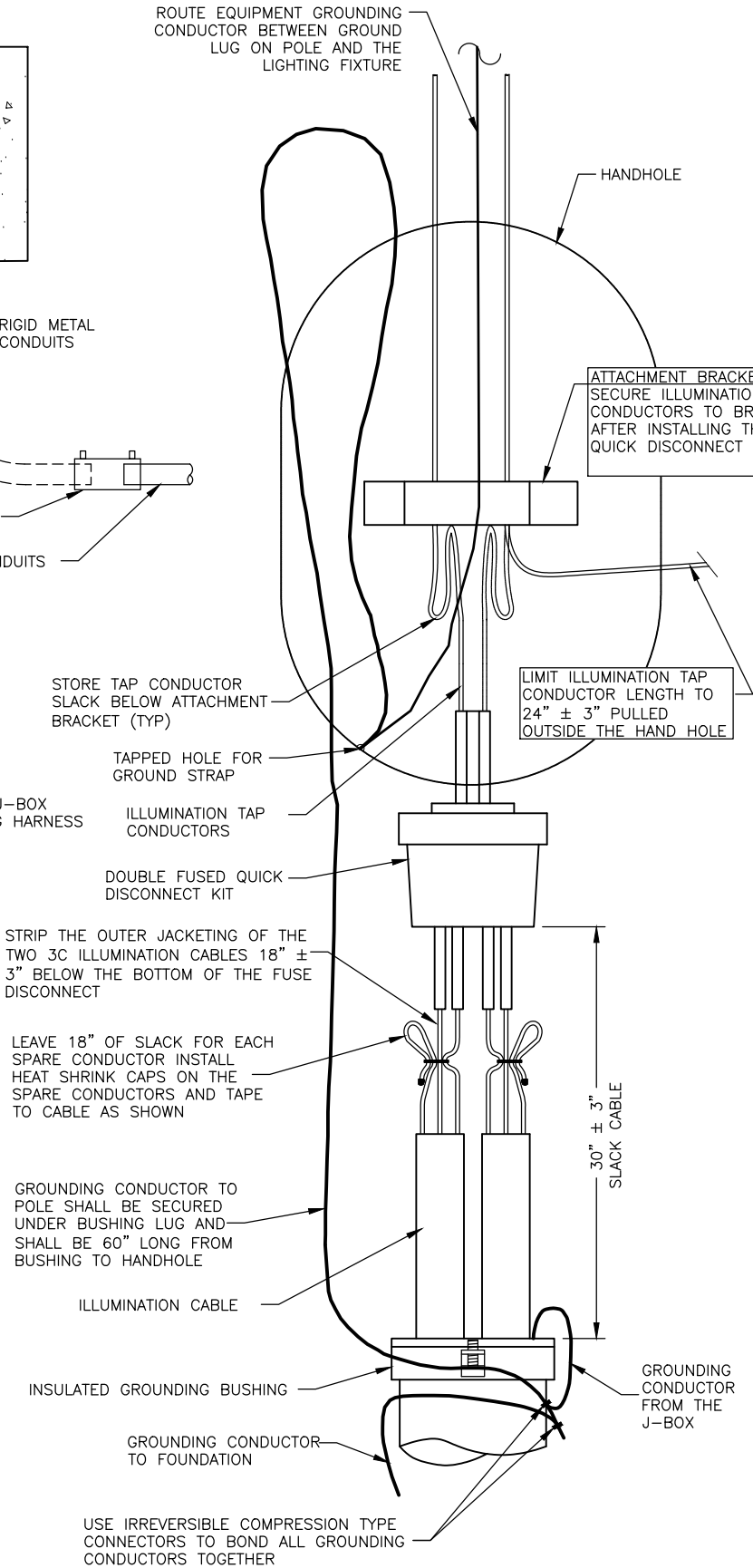


GROUNDING CONDUCTOR BONDING CONNECTIONS

NTS



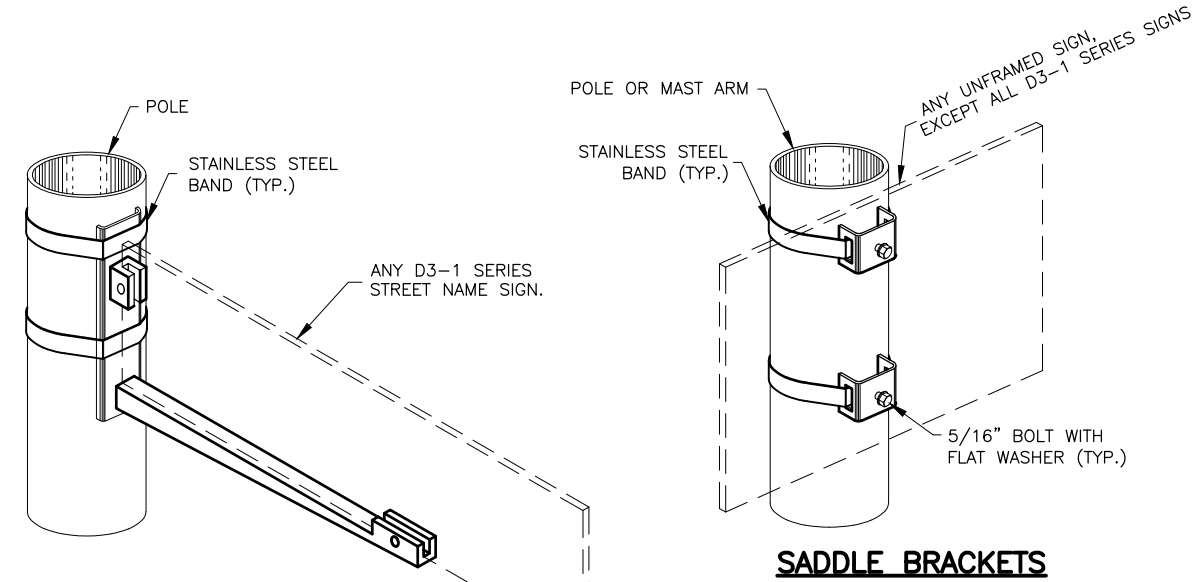
DETAIL A



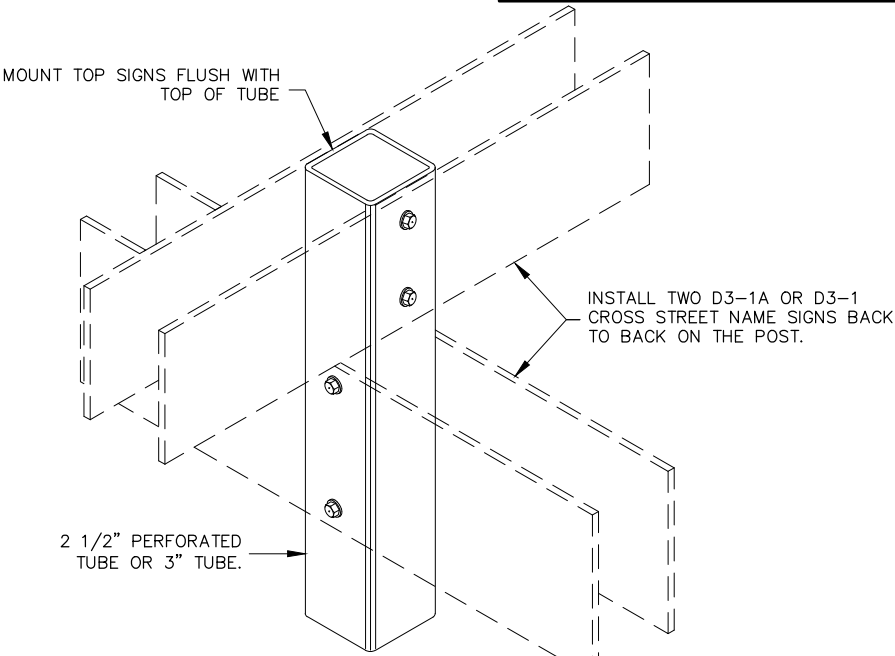
DETAIL B



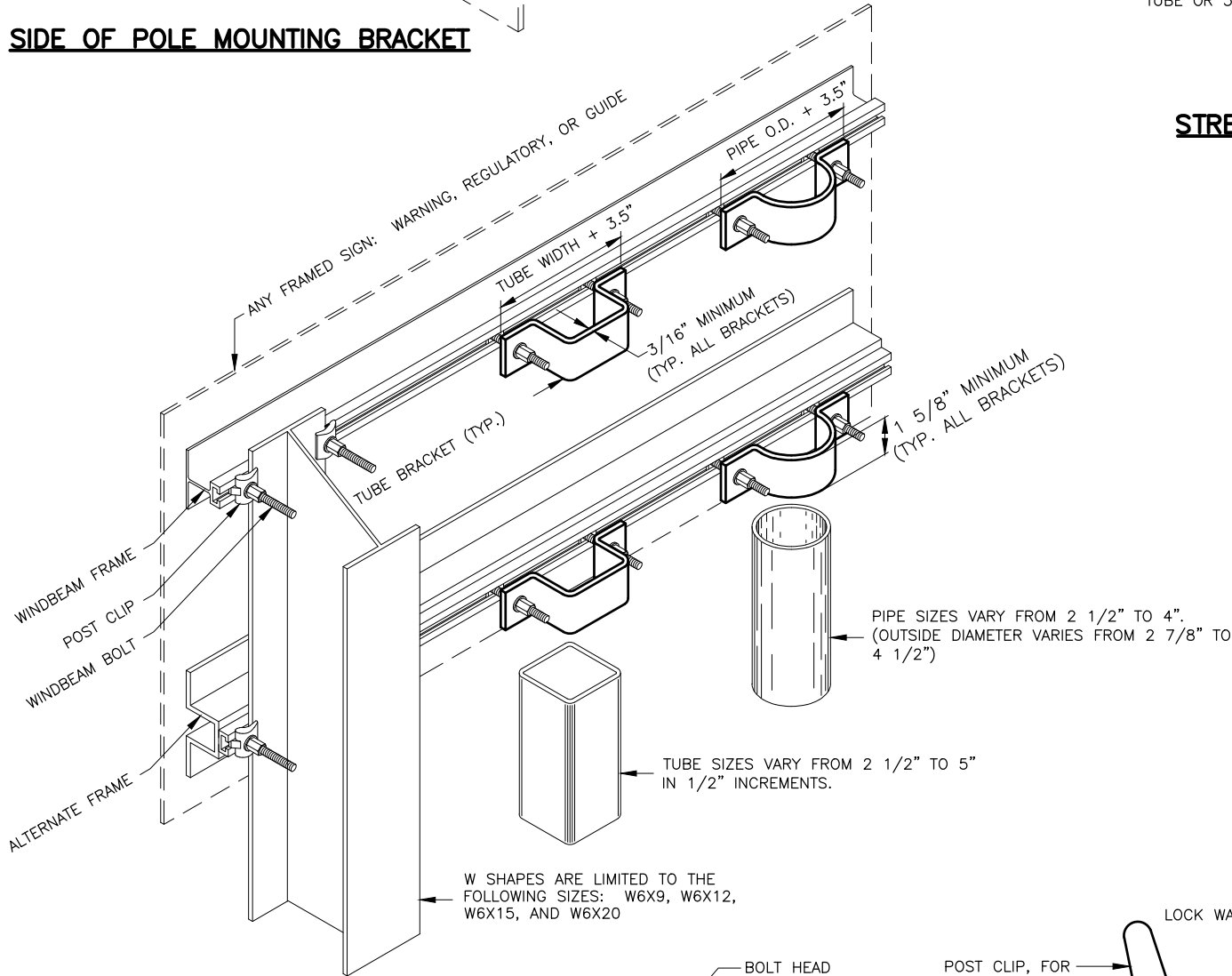
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
**SELDON ROAD EXTENSION
PHASE II
WINDY BOTTOM/BEVERLY LAKES RD
TO PITTMAN RD (MSB)
CDIH WIRING AND GROUNDING**



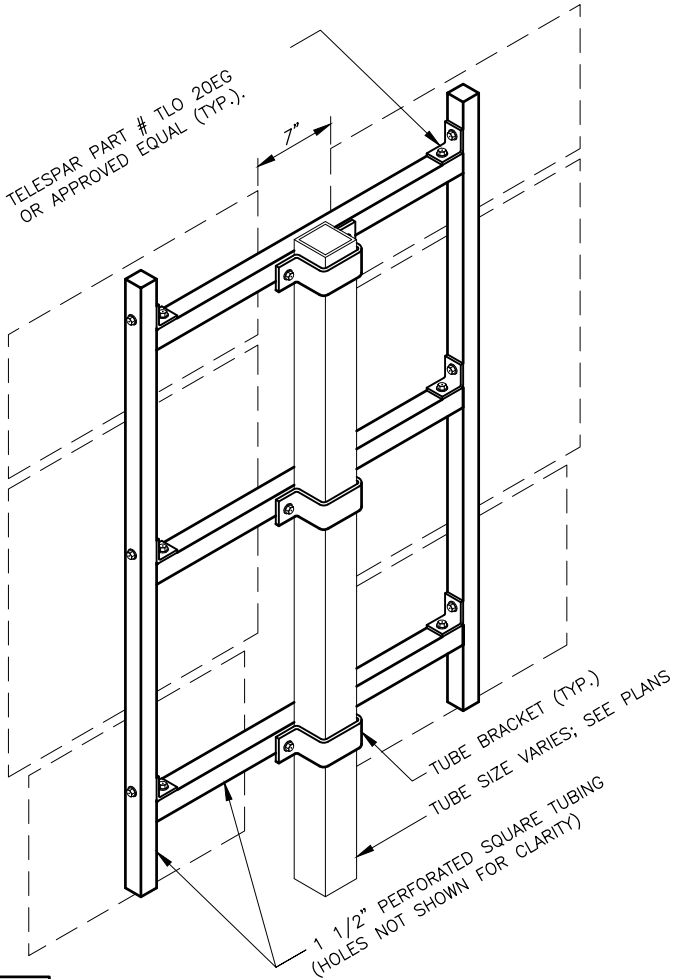
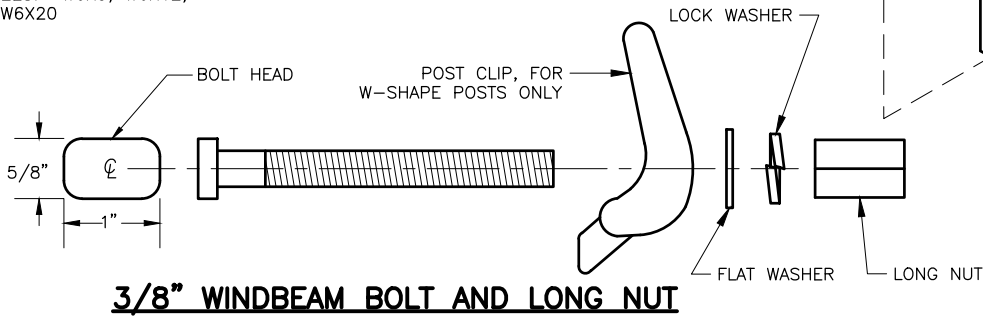
SIDE OF POLE MOUNTING BRACKET



STREET NAME SIGN INSTALLATION



FRAMED SIGN ATTACHMENT BRACKETS



ROUTE MARKER TREE

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

FASTENER SPECIFICATION TABLE

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



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

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

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	LTG-EXTERIOR POLES	20/1	14	
15	20/1	SPARE			0.9		0.9	LTG-EXTERIOR POLES	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-PLAYGROUND POLE	20/1	24	
25				1.2			1.2	LTG-PLAYGROUND POLE	20/1	26	
27					0.0					28	
29						0.0				30	
* ROUTE CIRCUIT THROUGH CONTACTOR EXISTING TO REMAIN MODIFIED CIRCUIT				7.9	5.8	7.0		PANEL A LOAD	KVA	AMPS	
								CONNECTED LOAD:	20.7	57.5	
								DEMAND LOAD:	25.9	71.9	
NOTE: NO CHANGE TO CIRCUIT OR PANEL LOADS.											

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

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 CLASSIFICAITON	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

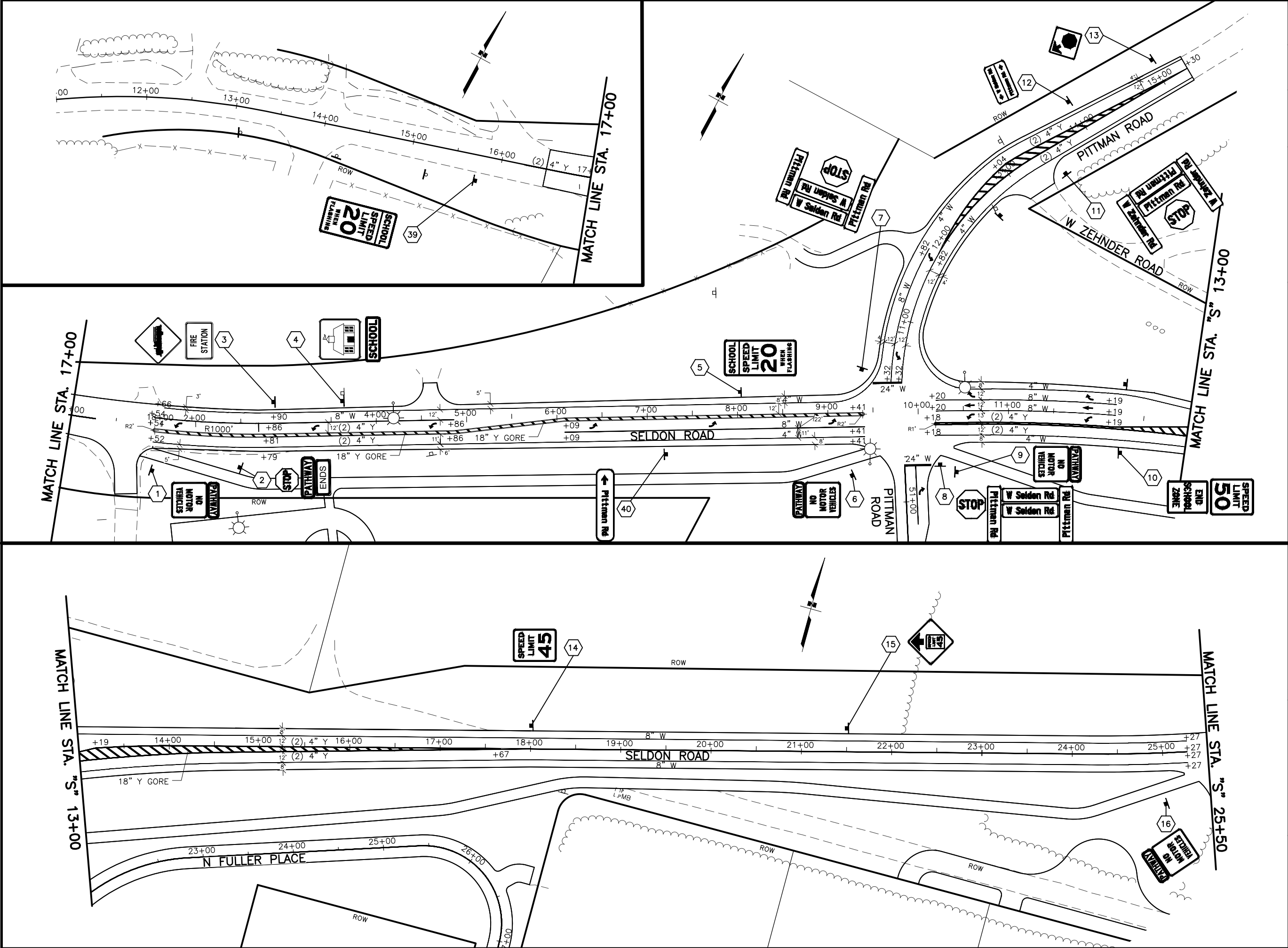
LUMINAIRE STANDARDS				
INTERSECTION				
	PITTMAN	MONROE	WYOMING	BEVERLY
MANUFACTURER AND MODEL (OR APPROVED EQUAL)	COOPER VERD-CA2, CURRENT ERL2, LEOTEK GCM3-60J			
INITIAL LUMENS	15,500	15,500	15,500	15,500
WATTAGE (MAXIMUM)	114	114	114	114
VOLTAGE	240	240	240	240
PE CONTROL	ANSI C136.41 7 PIN W/ SHORTING 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



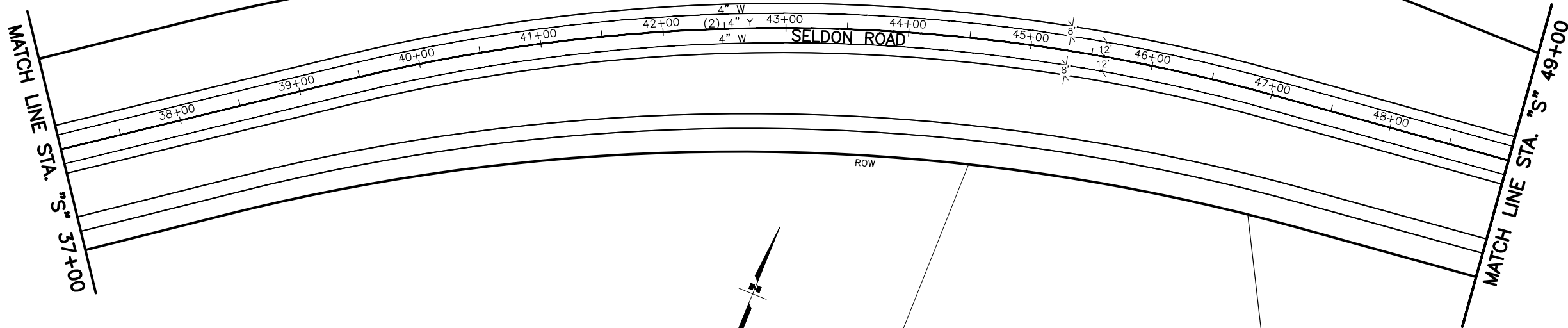
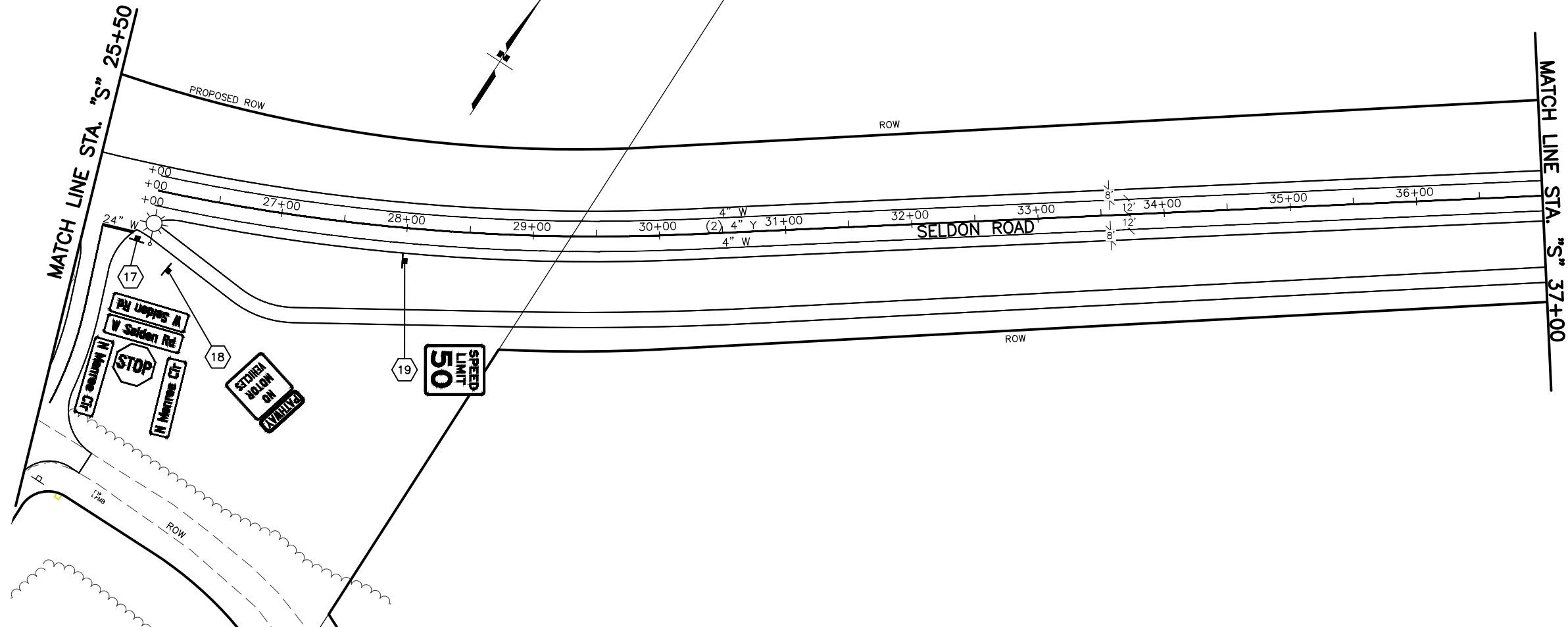
SHEET NO.	TOTAL SHEETS
H11	H23
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
001723/ CFHWY00562	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

THIS SHEET

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



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

THIS SHEET

PITTMAN RD

SELDON RD EXTENSION

WINDY BOTTOM RD

WYOMING DR

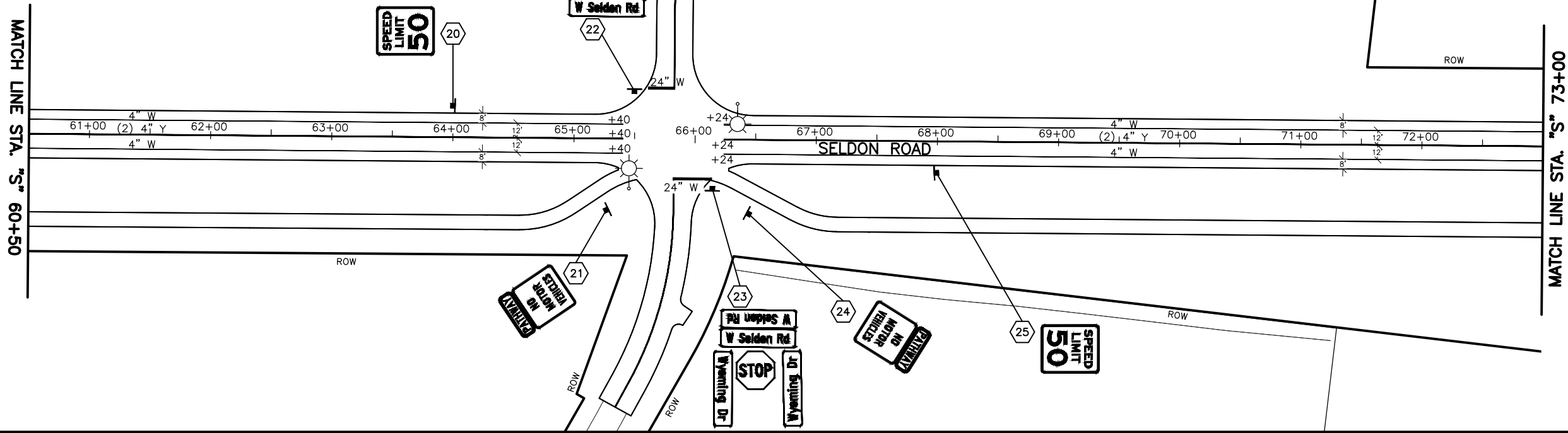
STEVEN M. STEINHIHLBER
REGISTERED PROFESSIONAL ENGINEER
STATE OF ALASKA
LICENSE NO. 10476

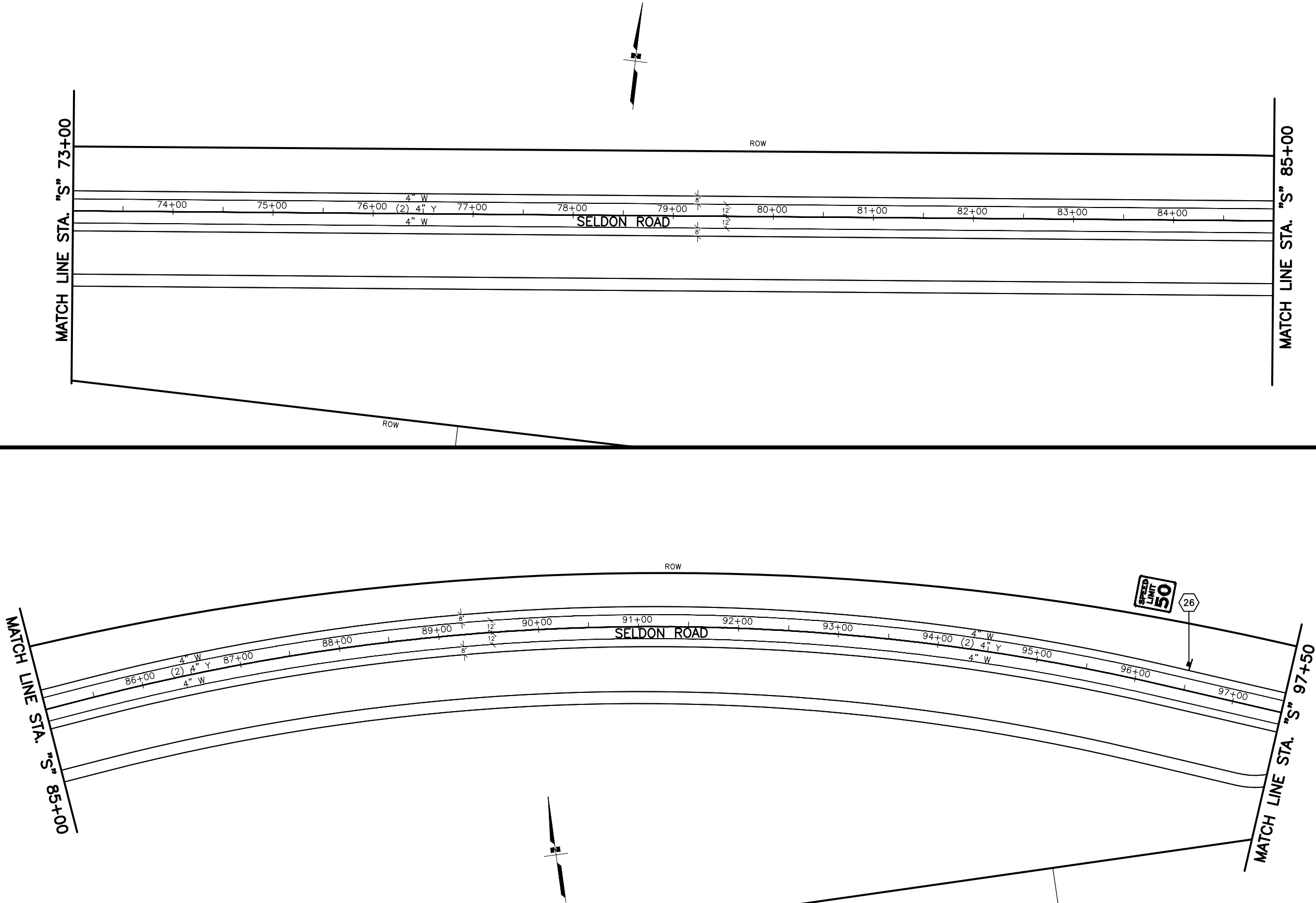
PLANS DEVELOPED BY:
STANTEC CONSULTING SERVICES INC.
3900 C STREET, SUITE 902
ANCHORAGE, AK 99503
907-276-4245
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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SELDON RD EXTENSION
PHASE II
WINDY BOTTOM/BEVERLY LAKES RD
TO PITTMAN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

**SIGNING AND STRIPING
PLAN**

DRAWING LOCATION
U:\2047079800\DRAWING\SHEETS\01723_H11-H16_SIGNSTRIPE_PLAN.DWG



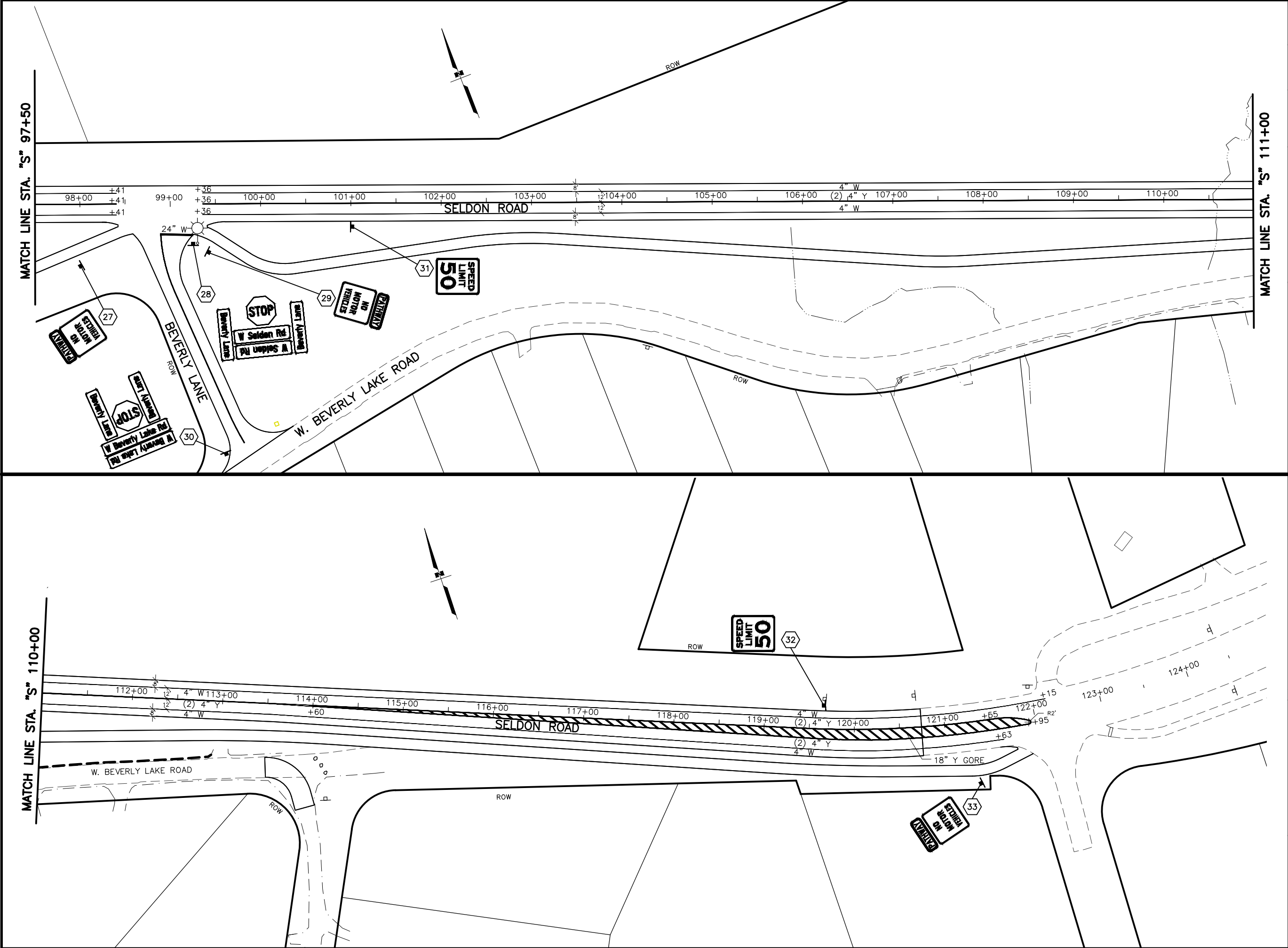


SHEET NO.	TOTAL SHEETS
H14	H23
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
001723/ CFHWY00562	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

PLANS DEVELOPED BY:
STANTEC CONSULTING SERVICES INC.
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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



SHEET NO.	TOTAL SHEETS
H15	H23
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
001723/ CFHWY00562	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

THIS SHEET

WINDY BOTTOM RD

SELDON RD EXTENSION

PITTMAN RD

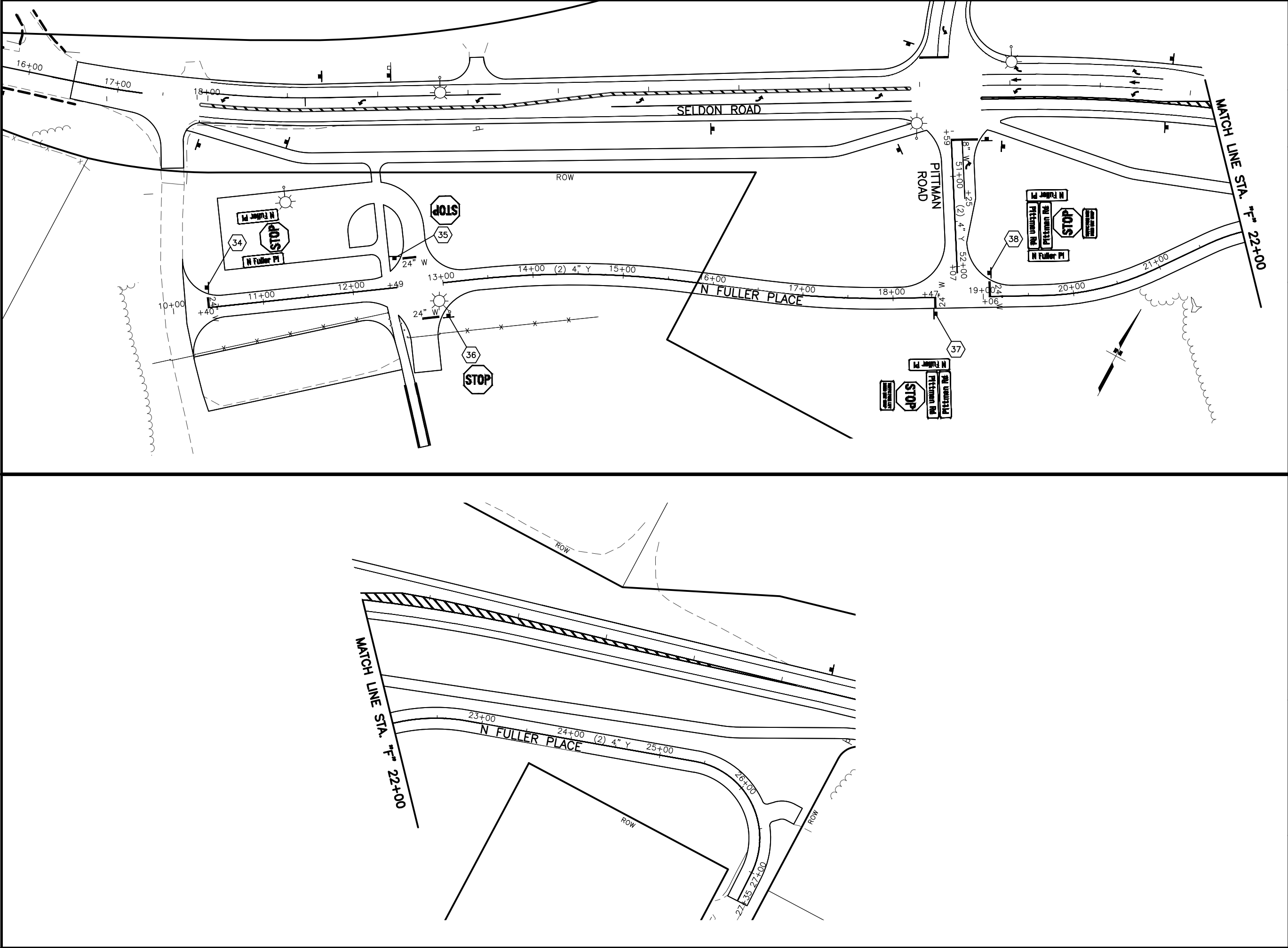
WYOMING DR

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

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
REGISTERED PROFESSIONAL ENGINEER
STEVEN M. STEVENSON
#126386

SIGNING AND STRIPING PLAN



SHEET NO.	TOTAL SHEETS
H16	H23
STATE	YEAR
ALASKA	2025
PROJECT DESIGNATION	
001723/ CFHWY00562	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

THIS SHEET
PITTMAN RD
SELDON RD EXTENSION
WYOMING DR
WINDY BOTTOM RD

STEVEN M. SMITH
REGISTERED PROFESSIONAL ENGINEER
STATE OF ALASKA
LICENSE NO. 126386

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

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
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

**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
ANCHORAGE, AK 99503
907-276-4245
CERTIFICATE OF AUTHORIZATION #126386

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	
	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
AND PUBLIC FACILITIES

**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
ANCHORAGE, AK 99503
907-276-4245
CERTIFICATE OF AUTHORIZATION #126386

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	



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)

SIGN SUMMARY

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		

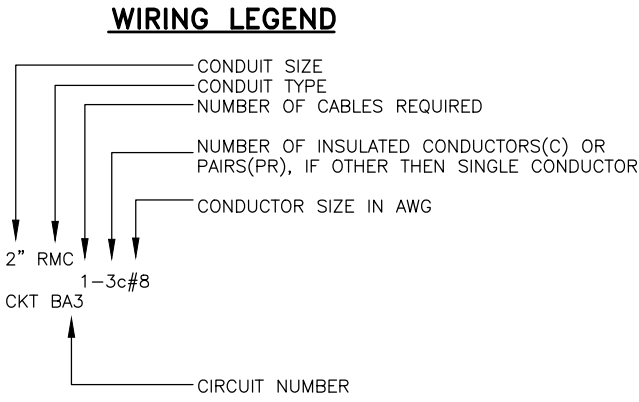
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

STEVEN M. JOHNSON
Professional Engineer
No. 126386

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

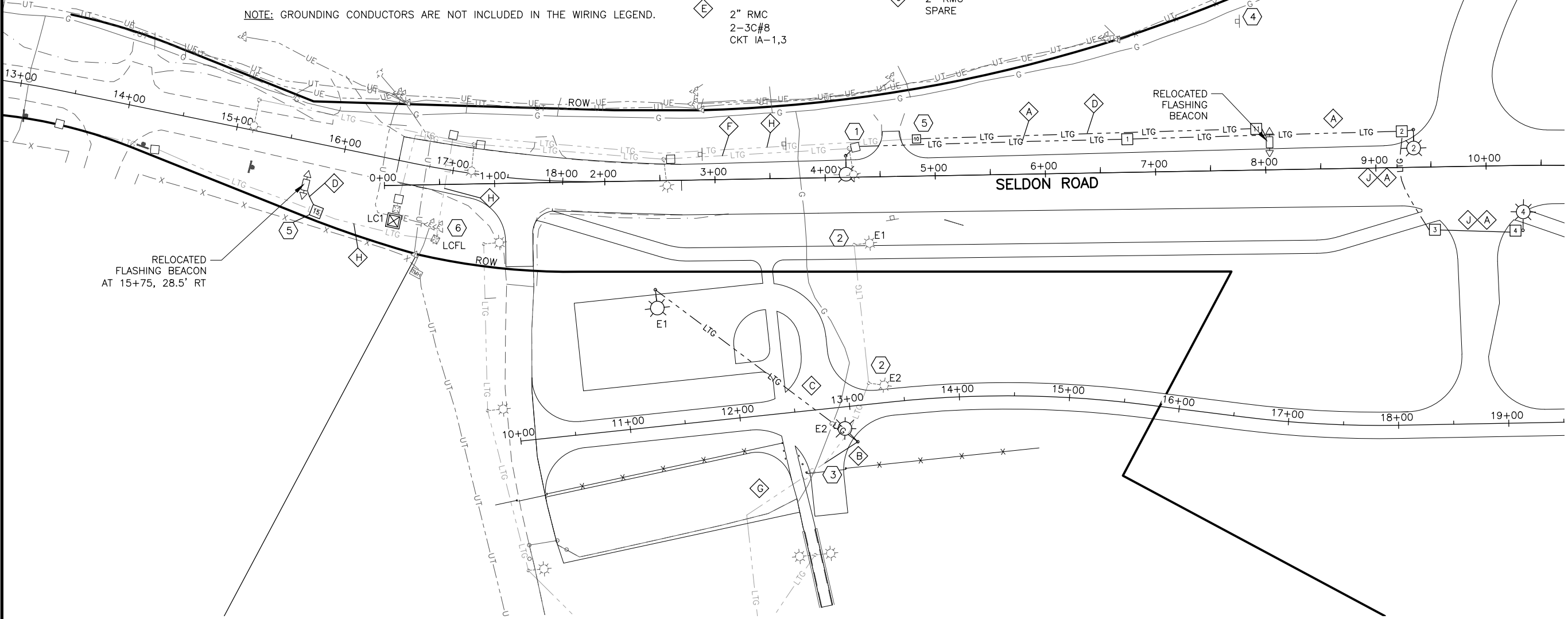
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

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



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:**
- 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.
 - 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.
 - 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.
 - 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.
 - INSTALL TYPE 1A JUNCTION BOX TO CAPTURE EXISTING FLASHER CONDUIT. EXTEND NEW CONDUIT TO RELOCATED FLASHER AS SHOWN.
 - 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.
H21

TOTAL SHEETS
H23

STATE
ALASKA

YEAR
2025

PROJECT DESIGNATION
001723/
CFHWY00562

NO.

REVISION

DATE

NO.

REVISION

DATE

NO.

REVISION

DATE

THIS SHEET

PITTMAN RD

Seldon Rd Extension

WYOMING DR

WINDY BOTTOM RD

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

SELDON RD EXTENSION

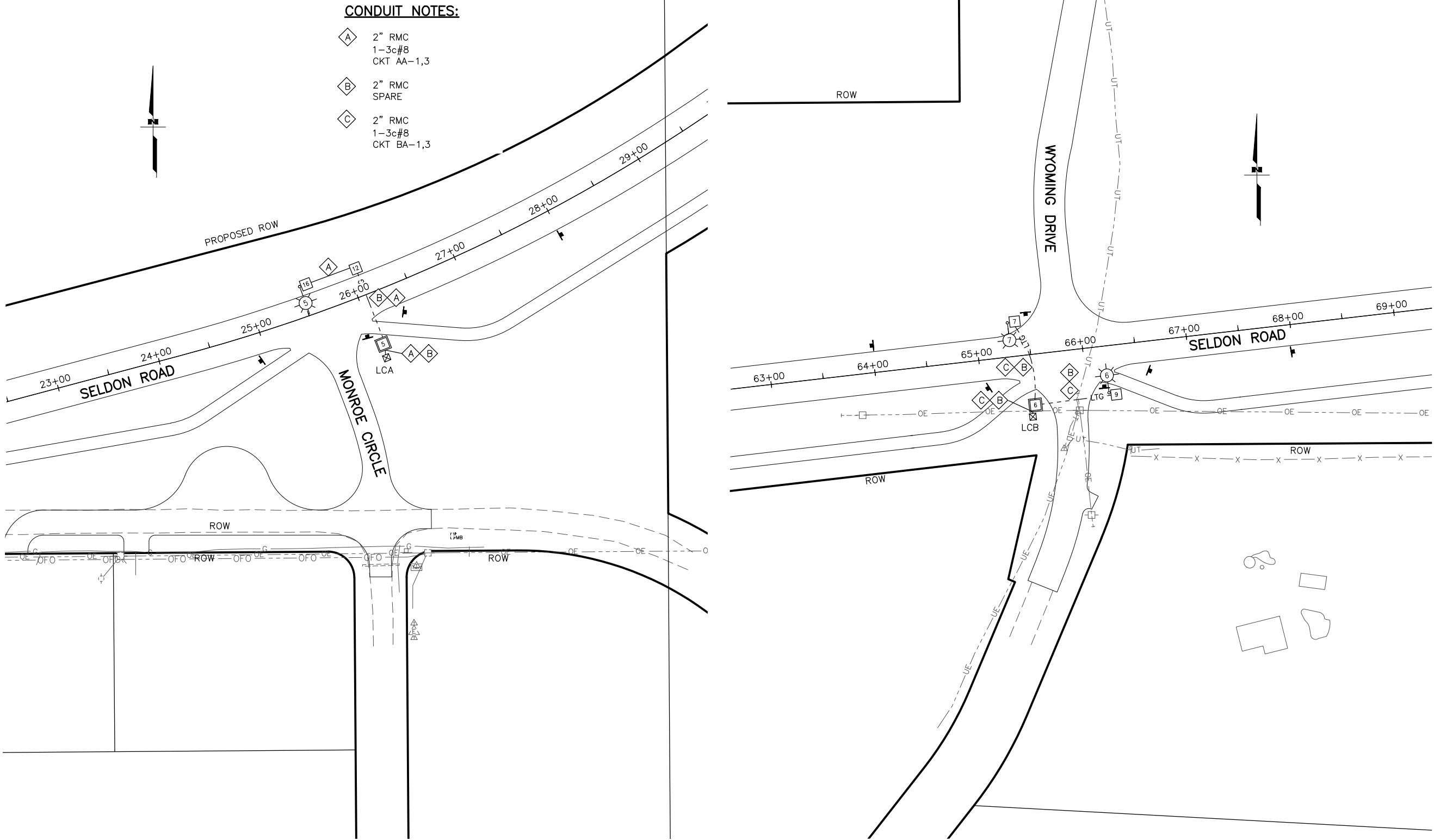
PHASE II

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

ILLUMINATION PLAN

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

CERTIFICATE OF AUTHORIZATION #126386



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.
H22

TOTAL SHEETS
H23

STATE
ALASKA

YEAR
2025

PROJECT DESIGNATION
001723/
CFHWY00562

NO.

REVISION

DATE

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REVISION

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REVISION

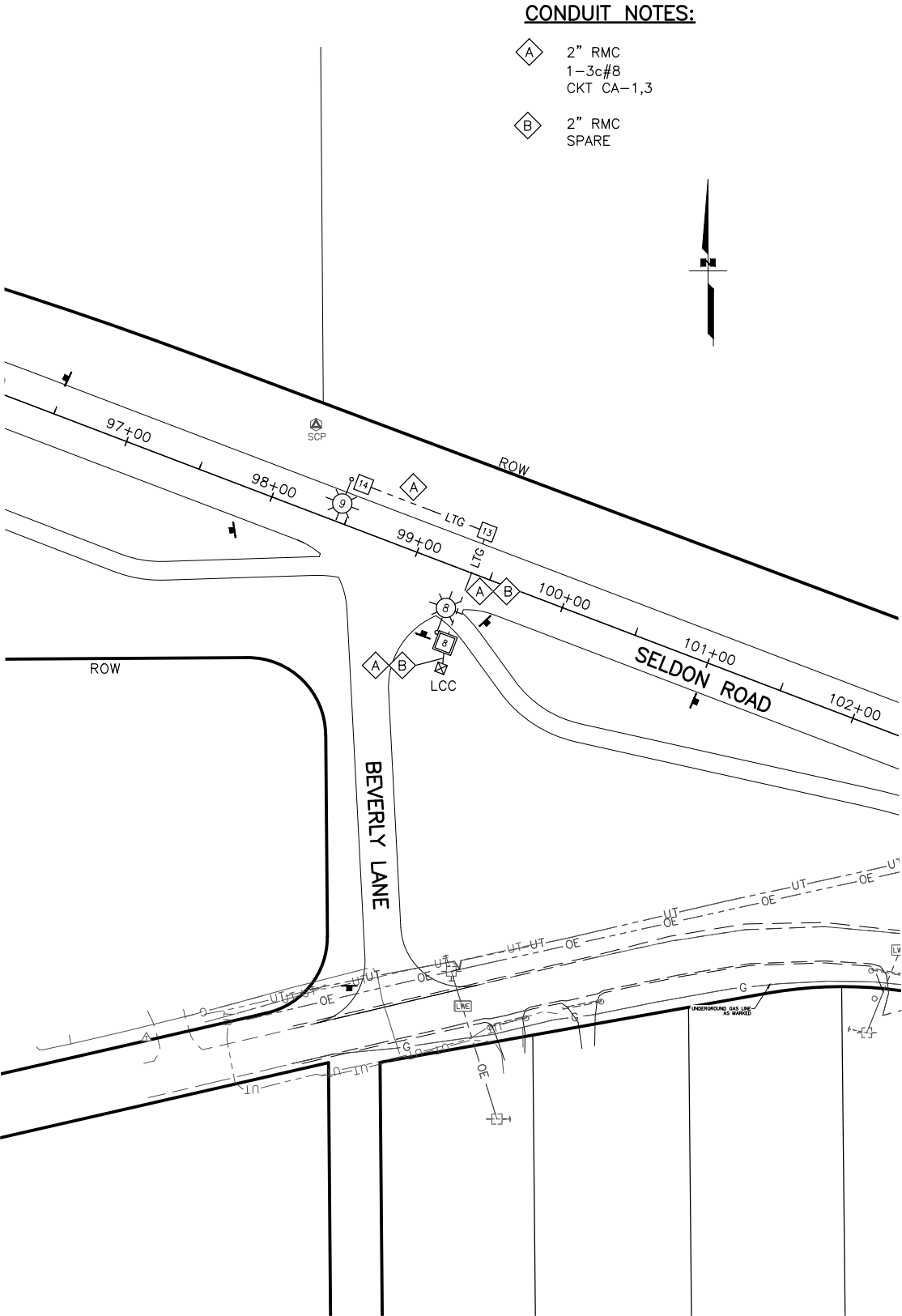
DATE

STATE OF ALASKA
ENGINEER
LUCAS SCHNEIDER
ELECTRICAL
PROFESSIONAL ENGINEER

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

ILLUMINATION PLAN



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.
H23

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

ILLUMINATION PLAN