

FILE [Z:\PROJECT\2860.01 DOT_C SEWARD HWY AND ALYESKA HWY\CIVIL\ACAD\54619-A-COVER.DWG] DATE/TIME 9/26/2022 1:47 PM LAYOUT A1 DESIGNED BDR_DESIGN CHECKED BDR_CHECK DRAFTED BDR_DRAFT

STATE OF ALASKA

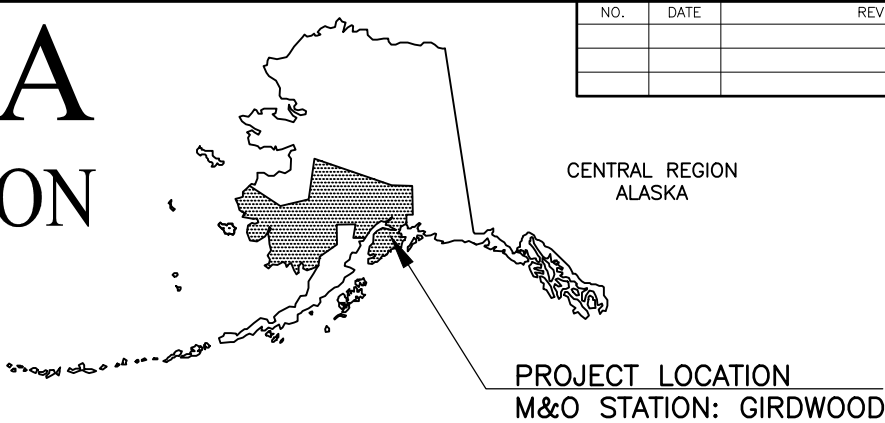
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

PROPOSED HIGHWAY PROJECT

SEWARD HWY & ALYESKA HWY INTERSECTION IMPROVEMENTS

PROJECT NO. TBD/Z546190000

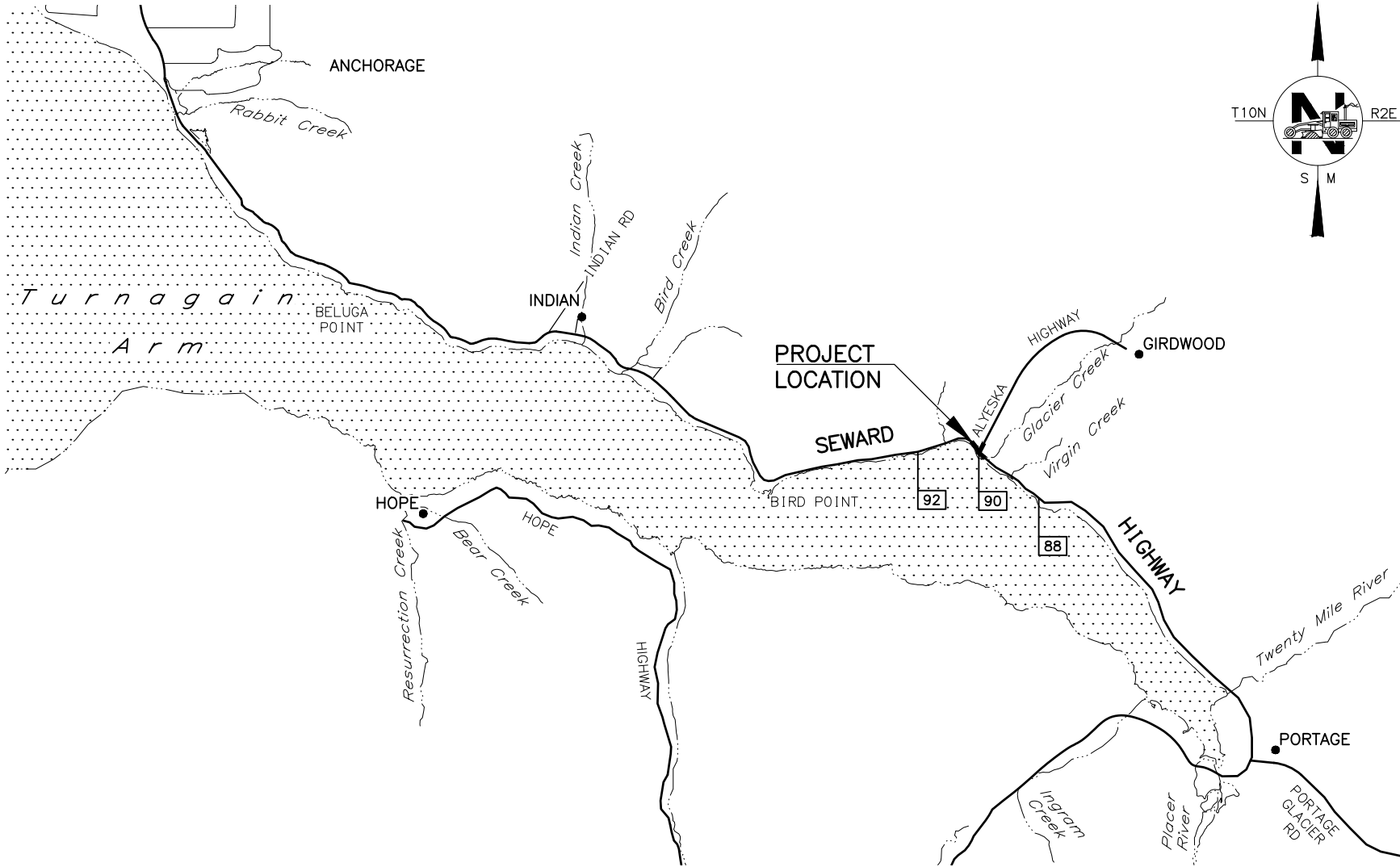
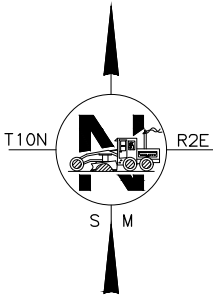
GRADING, DRAINAGE, PAVING, BRIDGES, PATHWAYS, RETAINING WALLS, SIGNING, AND STRIPING



NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	TBD/Z546190000	2021	A1	29
ROUTE ID		1020000 & 2241003		MILEPOINT	X.XXX - X.XXX		
LATITUDE		60.940790		LONGITUDE	-149.172531		

PROJECT SUMMARY		
ROADWAY	WIDTH	LENGTH
SEWARD HWY	X FT	X.X MILES
ALYESKA HWY	X FT	X.X MILES

DESIGN DESIGNATIONS		
	SEWARD HIGHWAY	ALYESKA HIGHWAY
FUNCTIONAL CLASS	INTERSTATE	MINOR ARTERIAL
AADT (20XX)	X,XXX	X,XXX
AADT (20XX)	X,XXX	X,XXX
DESIGN SPEED (V) (MPH)	XX	XX
DHV (20XX)	XX%	XX%
DHV (20XX)	XX%	XX%
T-PERCENT COMMERCIAL TRUCKS (%)	X%	X%
D-DIRECTIONAL DISTRIBUTION (%)	XX/XX	XX/XX
ESALs	X,XXX,XXX	X,XXX,XXX



CONCEPT DESIGN
SEPTEMBER 2022

PLANS DEVELOPED BY: R&M CONSULTANTS, INC.

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

APPROVED:

REGIONAL PRE-CONSTRUCTION ENGINEER DATE

CONCUR:

REGIONAL CONSTRUCTION ENGINEER DATE

FILE [Z:\PROJECT\2860.01 DOT_C SEWARD HWY AND ALYESKA HWY\CIVIL\ACAD\54619-A-NOTES-INDEX-KEY MAP.DWG] 9/26/2022 1:47 PM [LAYOUT] A2 [DESIGNED] [CHECKED] [DRAFTED]

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	TBD/Z546190000	2022	A2	A3

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE CONTAINED WITHIN THE RIGHT-OF-WAY, TEMPORARY CONSTRUCTION EASEMENTS, AND TEMPORARY CONSTRUCTION PERMITS. NO EXCESS MATERIAL SHALL BE DISPOSED OF WITHIN THE RIGHT-OF-WAY, UNLESS SPECIFICALLY CALLED FOR IN THE PLANS OR DIRECTED BY THE ENGINEER.
- NO EXISTING PAVEMENT SHALL BE REMOVED WITHOUT PRIOR APPROVAL BY THE ENGINEER.
- THE CONTRACTOR SHALL PROVIDE FOR SURFACE AND SUBSURFACE DRAINAGE UNTIL COMPLETION OF THE PERMANENT DRAINAGE INSTALLATION.
- ALL PAVEMENT CUTS SHALL BE MADE WITH A SAW OR ALTERNATE METHOD APPROVED BY THE ENGINEER.
- CLEARING LIMITS SHALL BE 10 FEET BEYOND SLOPE CATCH POINTS OR 1 FOOT INSIDE THE RIGHT-OF-WAY LINE, OR AS DIRECTED BY THE ENGINEER, WHICHEVER IS LESS. GRUBBING LIMITS ARE TO SLOPE CATCH POINTS.
- LONGITUDINAL TRANSITIONS FOR SLOPE CHANGES SHALL BE 50 FEET IN LENGTH OR AS DIRECTED BY THE ENGINEER.
- PLACE 4" TOPSOIL AND SEED ON 2:1 OR FLATTER CUT AND FILL SLOPES AND AREAS DISTURBED BY CONSTRUCTION AS DIRECTED BY THE ENGINEER.
- THE EXISTING INFORMATION SHOWN IN THE PLANS IS FROM A COMBINED FIELD AND AERIAL SURVEY. FIELD CONDITIONS MAY NOT BE ACCURATELY REPRESENTED AND/OR MAY HAVE CHANGED. ADJUST INSTALLATIONS AS DIRECTED BY THE ENGINEER.
- FOR PARALLEL GUARDRAIL TERMINALS, USE AN END OFFSET OF 2 FEET.

ABBREVIATIONS:

Δ	DELTA ANGLE	NIC	NOT IN CONTRACT
ASP	ALASKA STANDARD PLAN	NO	NUMBER
BOP	BEGINNING OF PROJECT	NOM	NOMINAL
CFS	CUBIC FEET PER SECOND	NTS	NOT TO SCALE
CL	CENTERLINE	OC	ON CENTER
CS	CONTINGENT SUM	PC	POINT OF CURVATURE
CY	CUBIC YARD	PCC	POINT OF COMPOUND CURVATURE
D	DEGREE OF CURVATURE, DIAMETER	PCF	POUNDS PER CUBIC FOOT
DWG	DRAWING	PRC	POINT OF REVERSE CURVATURE
E	EAST, EASTING	PG	PROFILE GRADE
EA	EACH	PGP	PROFILE GRADE POINT
EB	EASTBOUND	PI	POINT OF INTERSECTION
EL, ELEV	ELEVATION	POR	POINT OF ROTATION
EOP	END OF PROJECT, EDGE OF PAVEMENT	POT	POINT ON CURVE
EOS	EDGE OF SHOULDER	POT	POINT ON TANGENT
FG	FINISHED GRADE	PT	POINT OF TANGENCY
FL, FL	FLOW LINE, DITCH FLOW LINE	ROW	RIGHT-OF-WAY
FT	FEET, FOOT	R	RADIUS
HDPE	HIGH DENSITY POLYETHYLENE	RP	RADIUS POINT
HMA	HOT MIX ASPHALT	RT	RIGHT
HW	HEADWATER	S	SUPERELEVATION
IN	INCH	SF	SQUARE FEET
HPTRM	HIGH PERFORMANCE TURF REINFORCEMENT MAT	SHLD	SHOULDER
L	LENGTH	SPP	STRUCTURAL PLATE PIPE
LB	POUND	SQ MI	SQUARE MILE
LF	LINEAR FEET	STA	STATION
LS	LUMP SUM	SY	SQUARE YARD
LT	LEFT	T	TANGENT
MAX	MAXIMUM	TYP	TYPICAL
ME	MATCH EXISTING	VC	VERTICAL CURVE
MI	MILE	VPC	VERTICAL POINT OF CURVATURE
MIN	MINIMUM	VPI	VERTICAL POINT OF INTERSECTION
MP	MILEPOST	VPT	VERTICAL POINT OF TANGENCY
MSE	MECHANICALLY STABILIZED EARTH	W	WEST
N	NORTH, NORTHING	WB	WESTBOUND
		WWBF	WATERWAY BEDFILL

ALIGNMENT DESIGNATIONS	
NAME	DESIGNATION
SEWARD HIGHWAY NORTHBOUND	"SNB"
SEWARD HIGHWAY SOUTHBOUND	"SSB"
PATHWAY BIRD TO GIRD	"PBG"
SEWARD HIGHWAY	"S"
ALYESKA HIGHWAY	"A"
PATHWAY	"P"
FRONTAGE ROAD	"F"
TOADSTOOL DRIVE	"T"
GOLD AVENUE	"G"
SEWARD HIGHWAY NORTHBOUND OFF-RAMP	"R1"
SEWARD HIGHWAY NORTHBOUND ON-RAMP	"R2"
SEWARD HIGHWAY SOUTHBOUND OFF-RAMP	"R3"
SEWARD HIGHWAY SOUTHBOUND ON-RAMP	"R4"
OVER-HEIGHT VEHICLE BYPASS RAMP	"R5"

INDEX	
SHEET NO.	DESCRIPTION
A1	TITLE SHEET
A2	SHEET LAYOUT, INDEX, AND GENERAL NOTES
A3	LEGEND
A4	SURVEY CONTROL SHEET (TO BE COMPLETED)
B1-BX	TYPICAL SECTIONS
C1	ESTIMATE OF QUANTITIES
D1-DX	SUMMARY TABLES
E1-EX	DETAIL SHEETS
F1-FX	PLAN AND PROFILE SHEETS - MAINLINE
FX-FX	PLAN AND PROFILE SHEETS - PATHWAY
FX-FX	PLAN AND PROFILE SHEETS - APPROACHES
G1-GX	GRADING PLANS
H1-HX	SIGNING AND STRIPING
N1-NX	BRIDGE SHEETS

THE FOLLOWING CENTRAL REGION STANDARD DETAILS APPLY TO THIS PROJECT:

CR-T-01.20

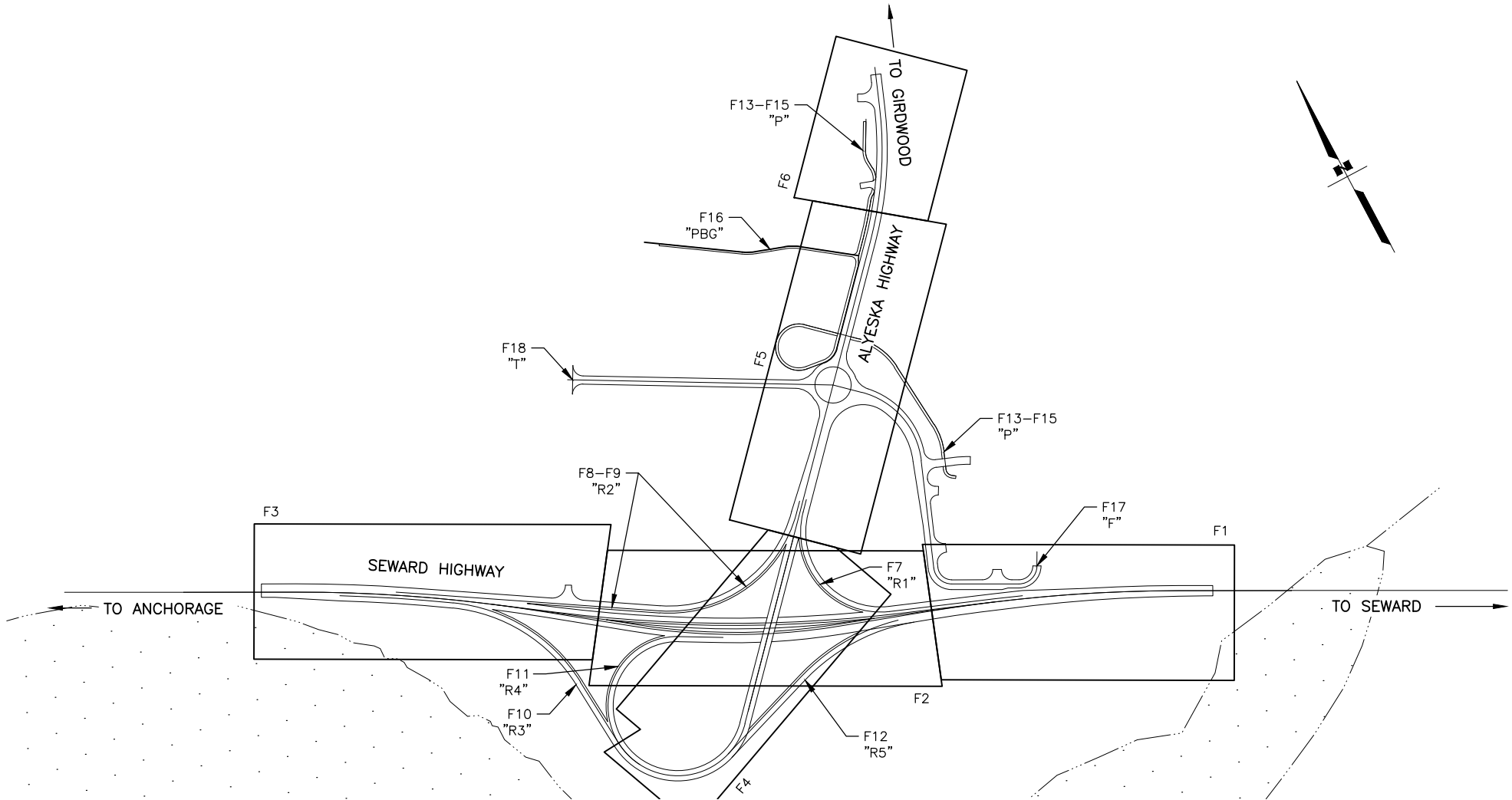
IN THE EVENT OF CONFLICT, CENTRAL REGION STANDARD DETAILS SUPERSEDE ALASKA STANDARD PLANS, STANDARD MODIFICATIONS, AND STANDARD SPECIFICATIONS. PLANS AND SPECIAL PROVISIONS SUPERSEDE CENTRAL REGION STANDARD DETAILS.

THE FOLLOWING ALASKA STANDARD PLANS APPLY TO THIS PROJECT:

C-04.12, C-05.20
D-04.22, D-06.10, D-07.00, D-11.01, D-26.04, D-30.11, D-31.01, F-01.04, F-03.02, F-04.02, F-05.12
G-05.11S, G-05.11W, G-10.20, G-14.01, G-20.12, G-26.00, G-47.00
S-05.02, S-30.05, S-31.02, S-32.02
T-21.04, T-22.04, T-25.10

SPECIFICATION:

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



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
**SEWARD HWY & ALYESKA HWY
INTERSECTION IMPROVEMENTS**

**SHEET LAYOUT, INDEX,
AND GENERAL NOTES**

FILE [Z:\PROJECT\2860.01 DOT_C SEWARD HWY AND ALYESKA HWY\CIVIL\ACAD\54619-A-LEGEND.DWG] DATE/TIME 9/26/2022 1:47 PM LAYOUT A3

ROADWAY			UTILITIES			TRAFFIC			NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS	
												ALASKA	TBD/Z546190000	2022	A3	A3	

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LAYOUT

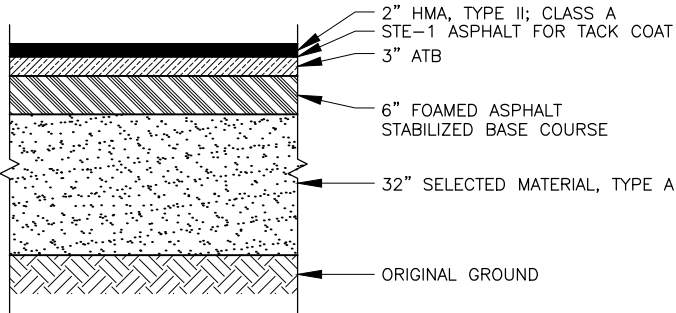
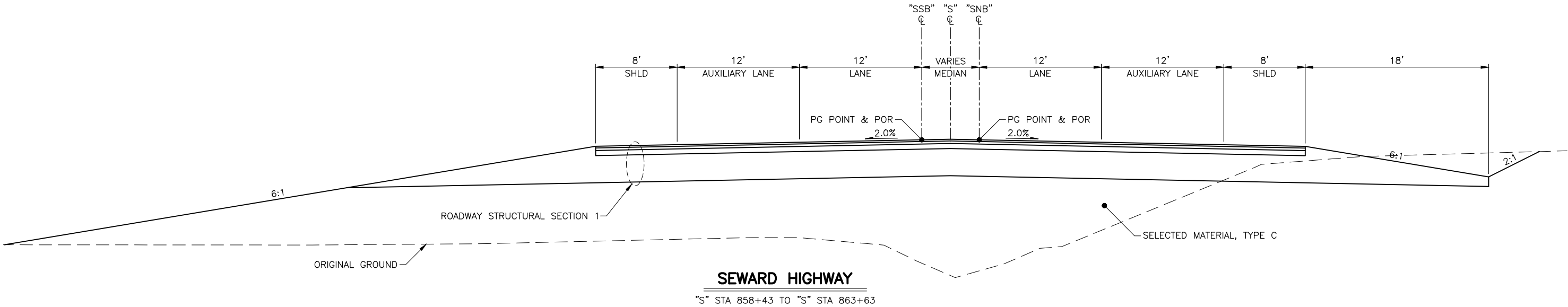
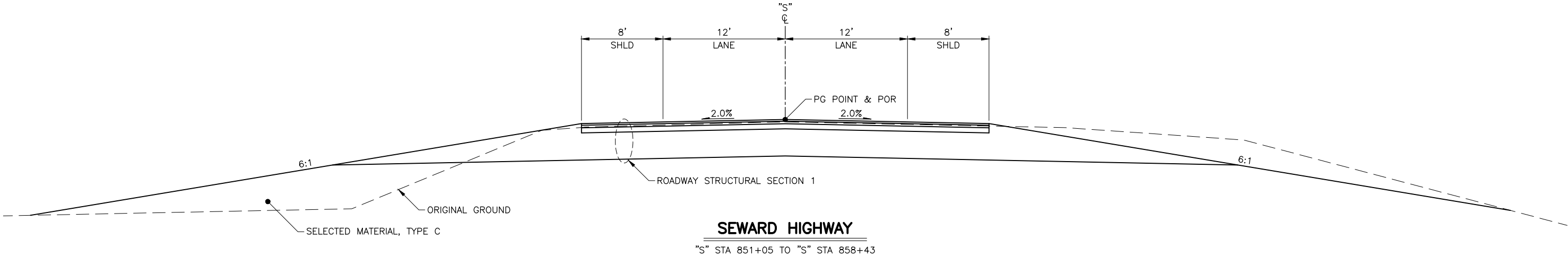
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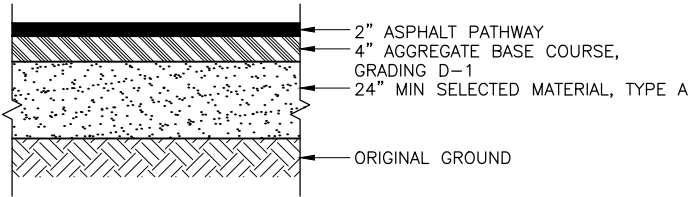
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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	TBD/Z546190000	2022	B1	B8



ROADWAY STRUCTURAL SECTION 1



PATHWAY STRUCTURAL SECTION 1



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

**SEWARD HWY & ALYESKA HWY
INTERSECTION IMPROVEMENTS**

TYPICAL SECTION

FILE Z:\PROJECT\2860.01 DOT_C SEWARD HWY AND ALYESKA HWY\CIVIL\ACAD\54619-B-TYPICAL SECTIONS.DWG

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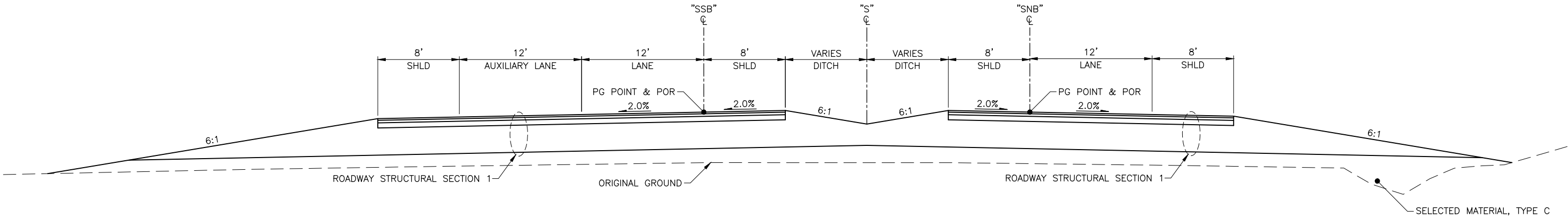
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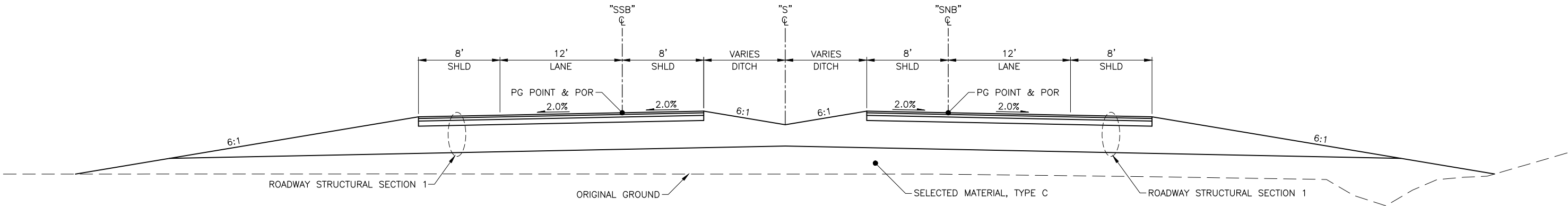
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			ALASKA	TBD/Z546190000	2022	B2	B8



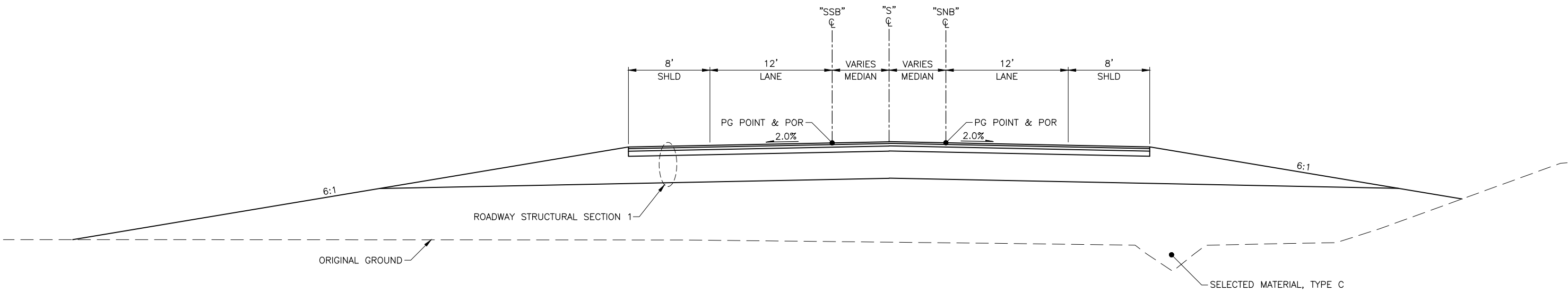
SEWARD HIGHWAY

"S" STA 863+63 TO "S" STA 870+12



SEWARD HIGHWAY

"S" STA 870+12 TO "S" STA 873+95



SEWARD HIGHWAY

"S" STA 873+95 TO "S" STA 880+66



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
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**SEWARD HWY & ALYESKA HWY
INTERSECTION IMPROVEMENTS**

TYPICAL SECTION

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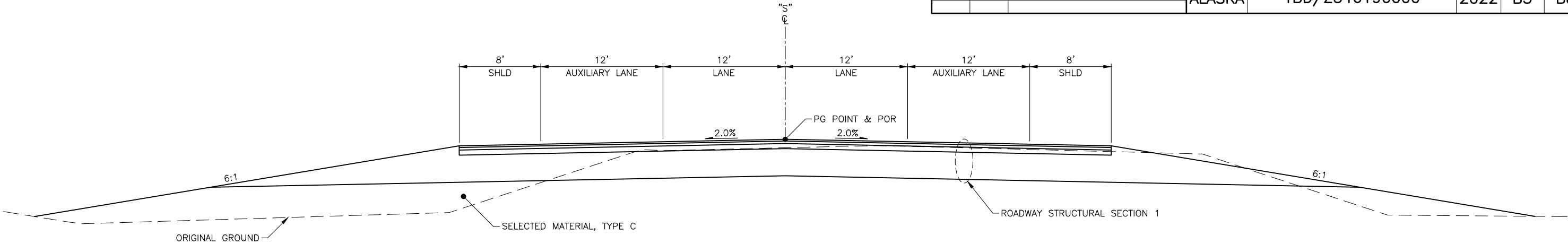
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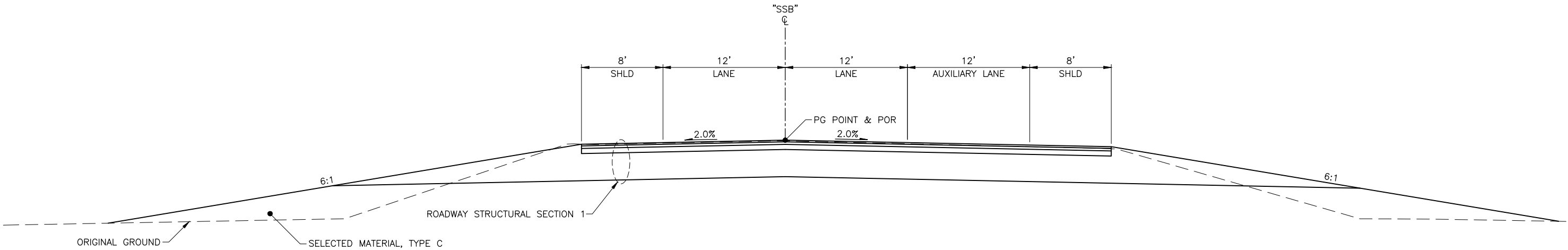
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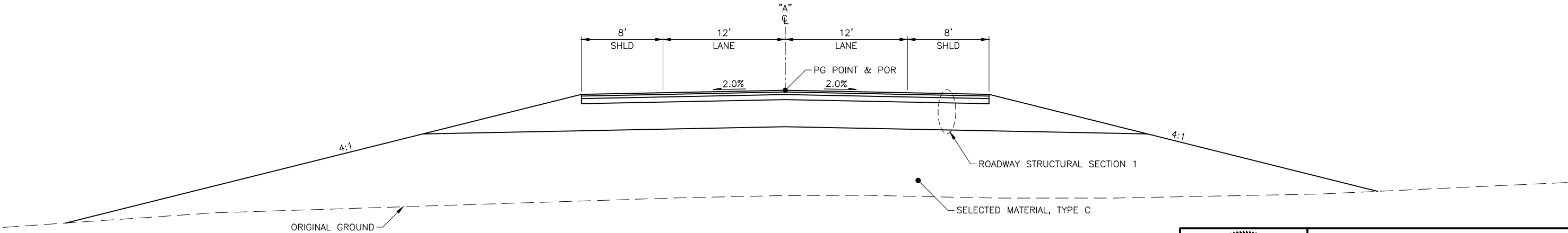
SEWARD HIGHWAY

"S" STA 880+66 TO "S" STA 885+08



SEWARD HIGHWAY

"S" STA 885+08 TO "S" STA 888+12



ALYESKA HIGHWAY

"A" STA 93+21 TO "A" STA 98+50



R&M CONSULTANTS, INC.
9101 VANGUARD DRIVE
ANCHORAGE, AK 99507
(907) 522-1707
CERT. OF AUTH. NO. AECC111

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
**SEWARD HWY & ALYESKA HWY
INTERSECTION IMPROVEMENTS**

TYPICAL SECTION

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LAYOUT

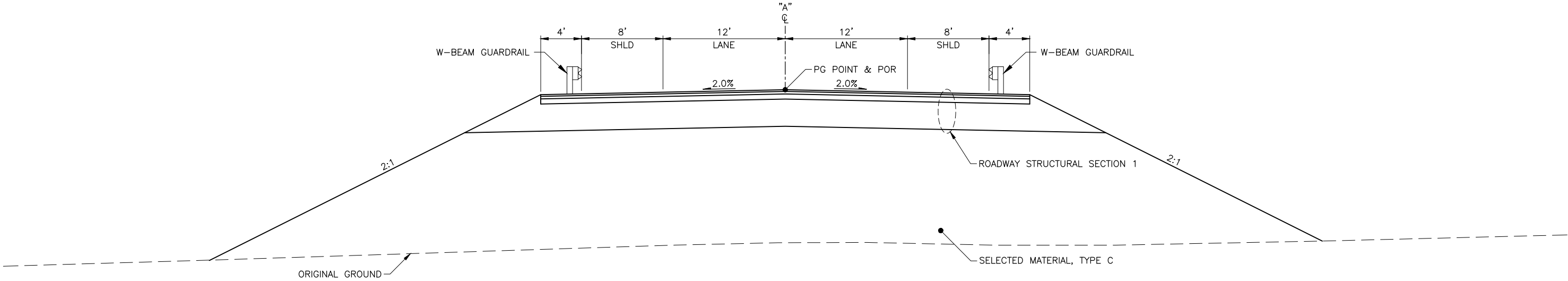
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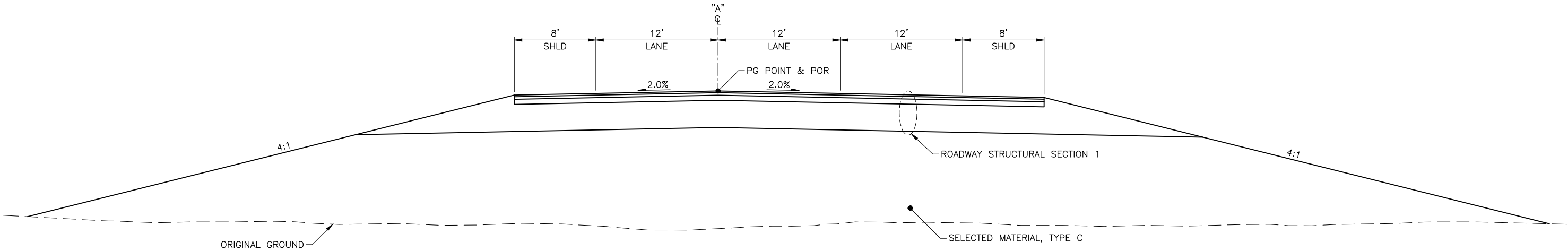
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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	TBD/Z546190000	2022	B4	B8



ALYESKA HIGHWAY

"A" STA 98+50 TO "A" STA 102+03
"A" STA 104+63 TO "A" STA 108+21



ALYESKA HIGHWAY

"A" STA 108+21 TO "A" STA 111+34



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
**SEWARD HWY & ALYESKA HWY
INTERSECTION IMPROVEMENTS**

TYPICAL SECTION

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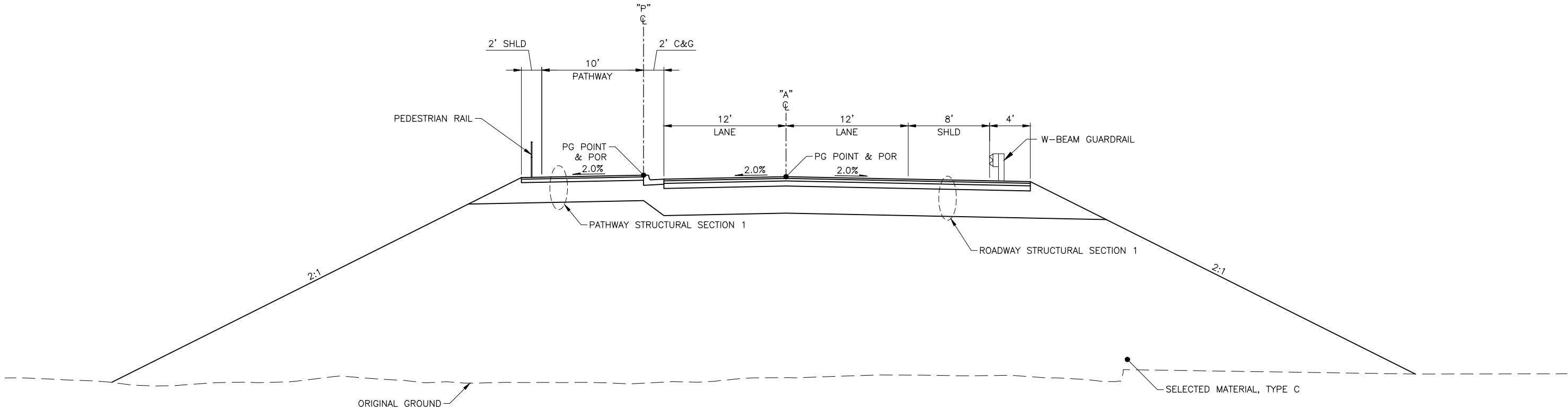
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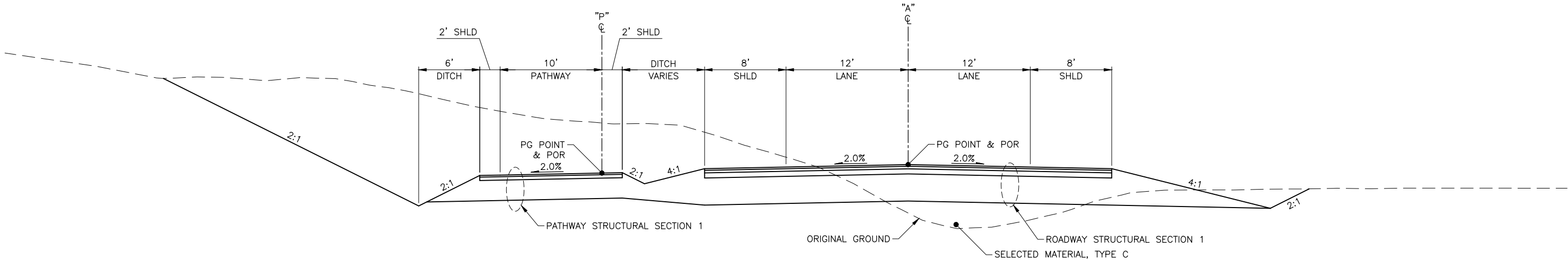
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			ALASKA	TBD/Z546190000	2022	B5	B8



ALYESKA HIGHWAY AND PATHWAY
"A" STA 114+48 TO "A" STA 116+11



ALYESKA HIGHWAY AND PATHWAY
"A" STA 117+61 TO "A" STA 125+35



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
**SEWARD HWY & ALYESKA HWY
INTERSECTION IMPROVEMENTS**

TYPICAL SECTION

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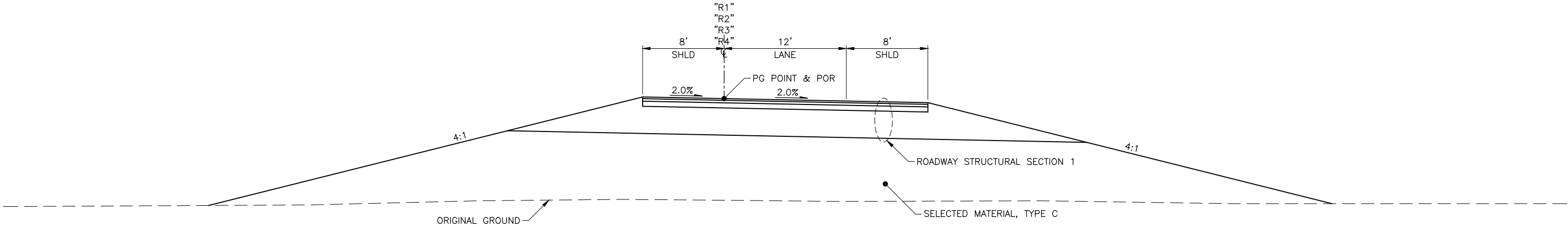
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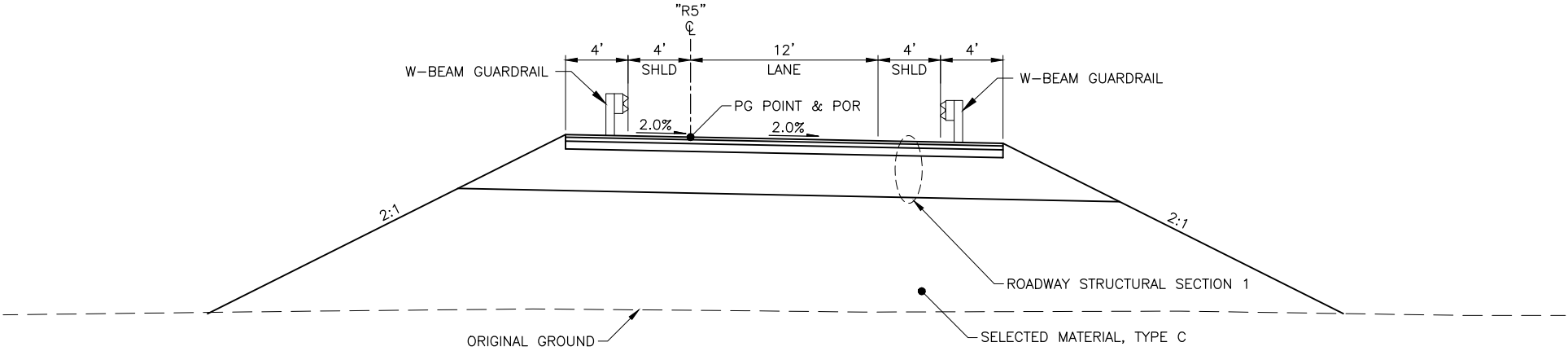
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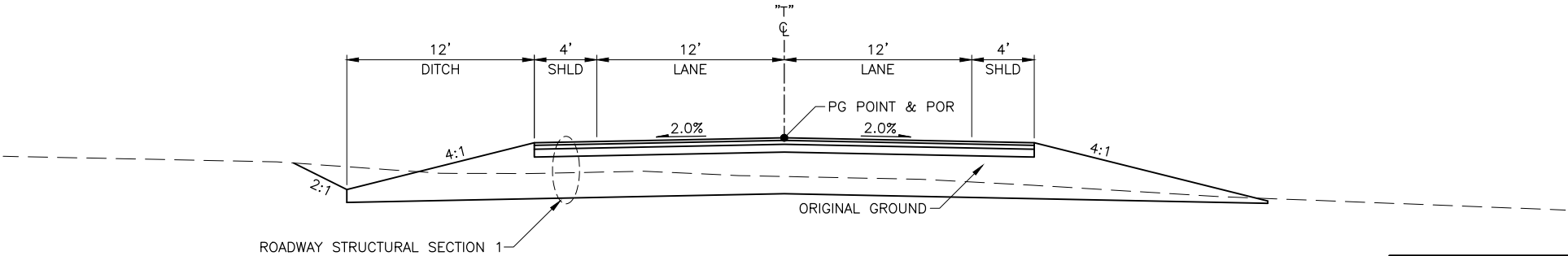
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"R1" STA 15+20 TO "R1" STA 21+20
"R2" STA 10+47 TO "R2" STA 27+31
"R3" STA 14+41 TO "R3" STA 23+22
"R4" STA 10+00 TO "R4" STA 18+54



RAMP

"R5" STA 10+00 TO "R5" STA 18+54



TOADSTOOL RD

"T" STA 301+44 TO "T" STA 310+10



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
**SEWARD HWY & ALYESKA HWY
INTERSECTION IMPROVEMENTS**

TYPICAL SECTION

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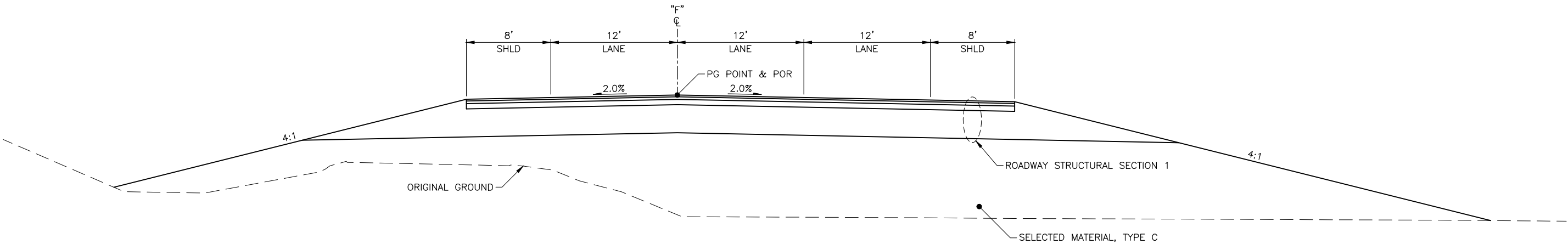
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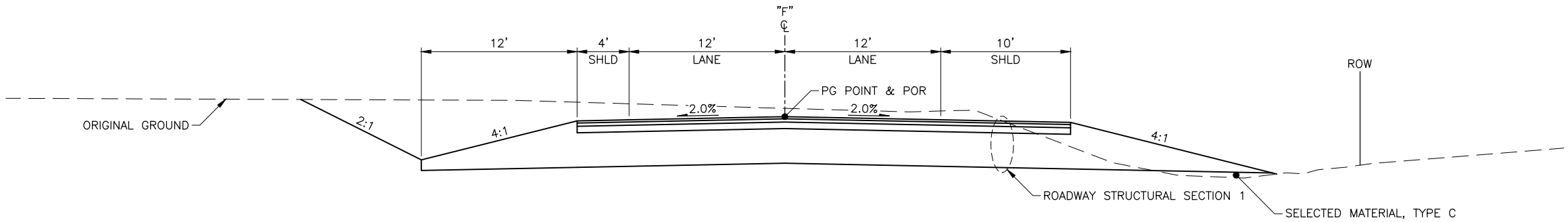
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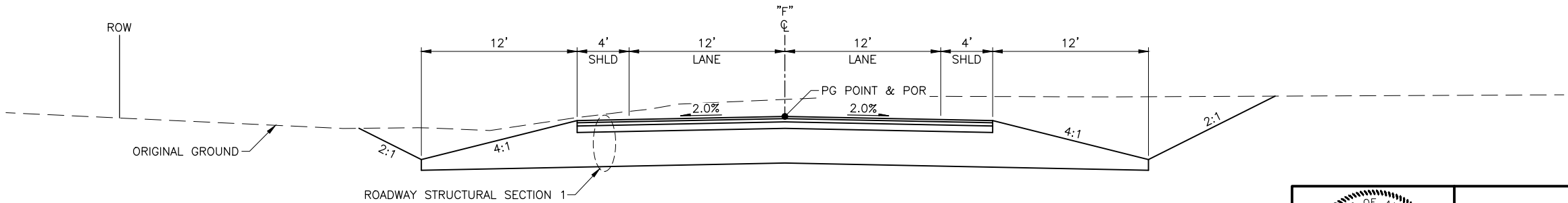
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			ALASKA	TBD/Z546190000	2022	B7	B8



FRONTAGE ROAD
"F" STA 202+23 TO "F" STA 205+00



FRONTAGE ROAD
"F" STA 205+00 TO "F" STA 212+00



FRONTAGE ROAD
"F" STA 212+00 TO "F" STA 213+80



STATE OF ALASKA
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**SEWARD HWY & ALYESKA HWY
INTERSECTION IMPROVEMENTS**

TYPICAL SECTION

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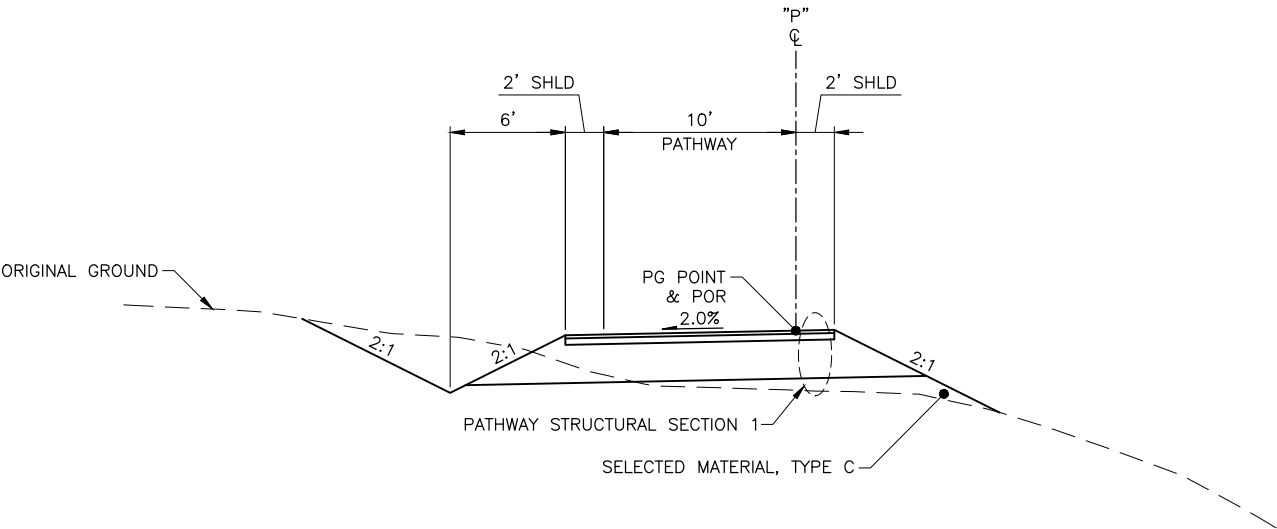
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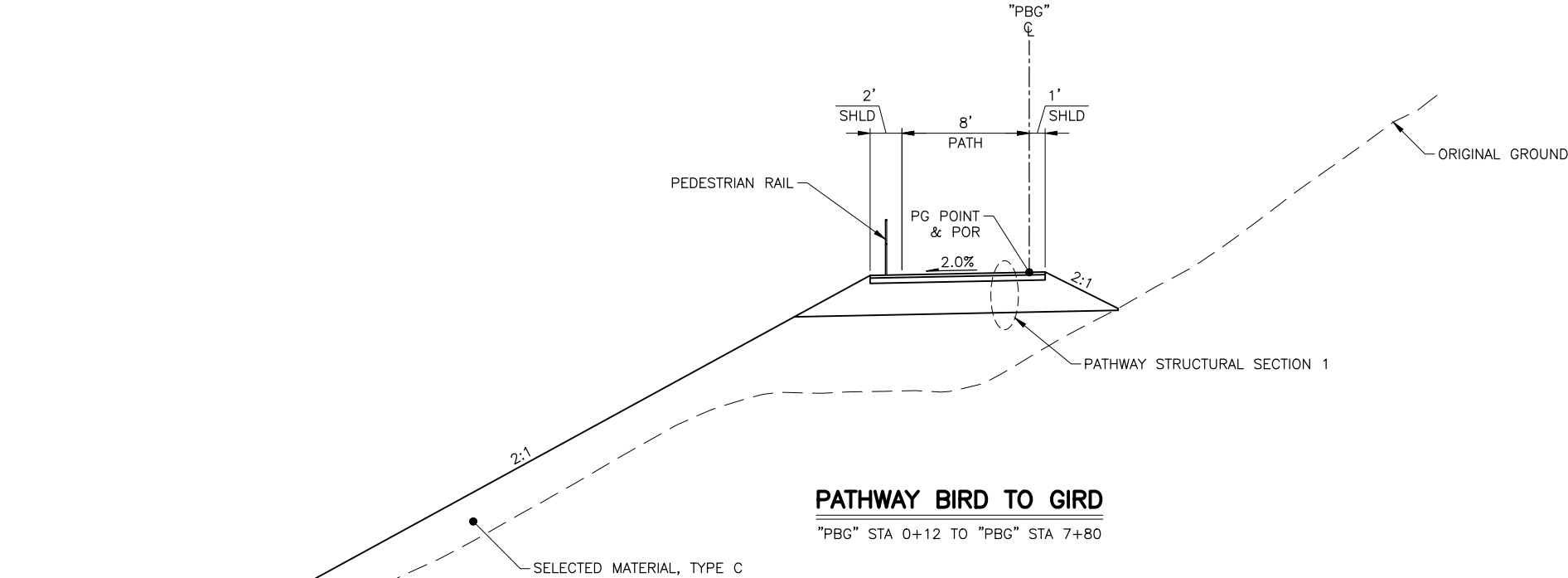
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NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	TBD/Z546190000	2022	B8	B8



PATHWAY
"P" STA 400+00 TO "P" STA 413+15



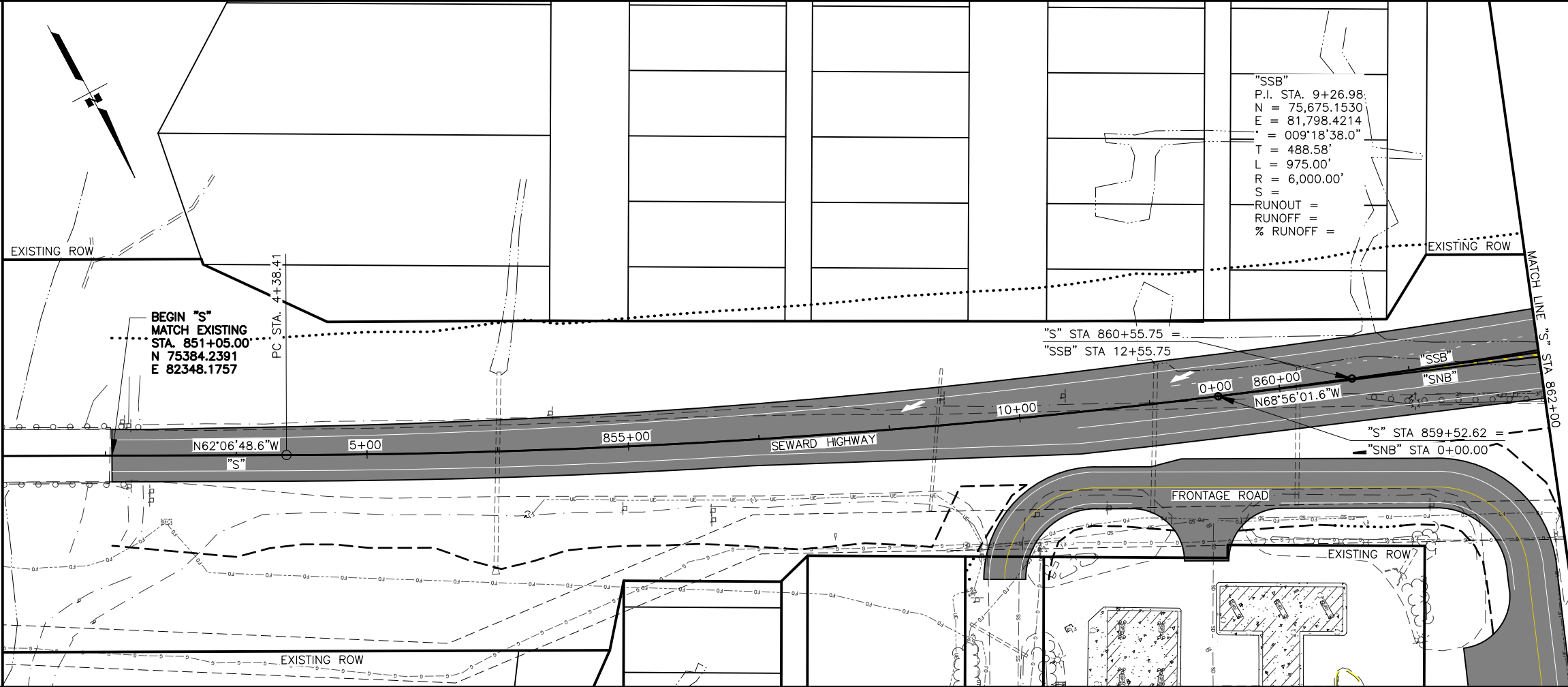
PATHWAY BIRD TO GIRD
"PBG" STA 0+12 TO "PBG" STA 7+80



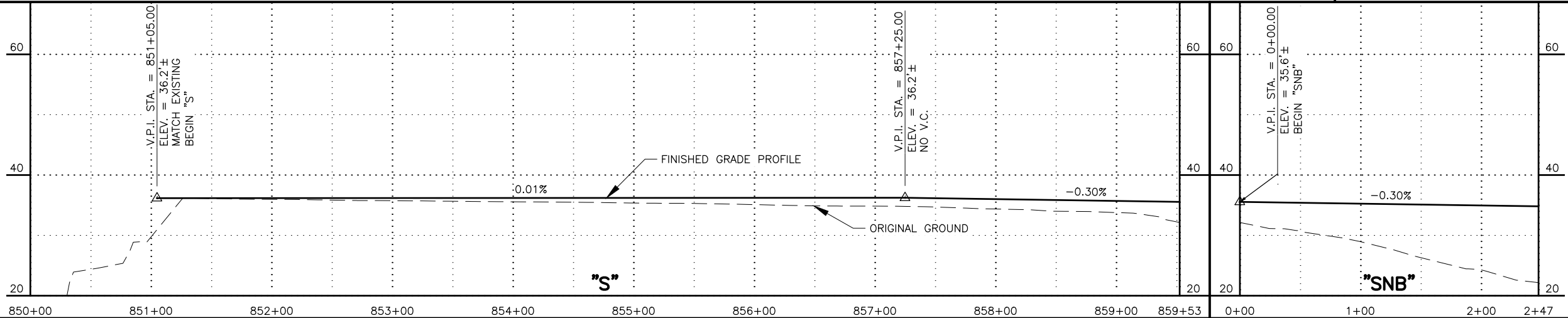
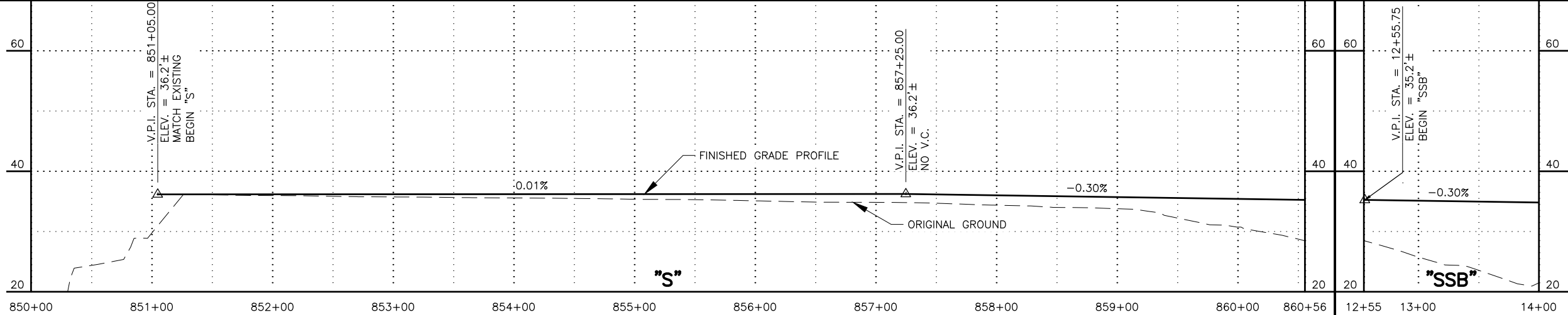
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
**SEWARD HWY & ALYESKA HWY
INTERSECTION IMPROVEMENTS**

TYPICAL SECTION

FILE Z:\PROJECT\2860.01 DOT_C SEWARD HWY AND ALYESKA HWY\CIVIL\ACAD\54619-F-SEWARD HWY.DWG DATE/TIME 9/26/2022 1:48 PM LAYOUT F1 DESIGNED CHECKED DRAFTED



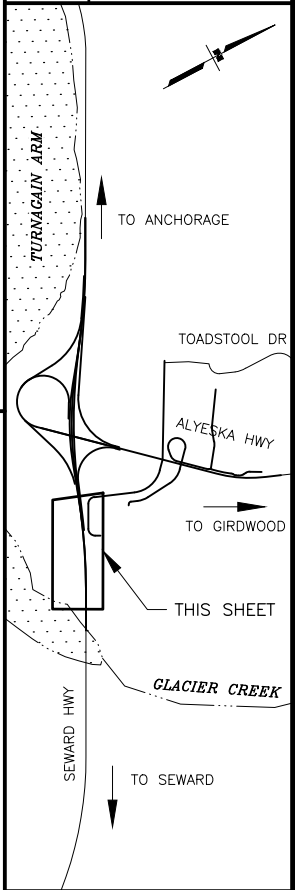
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L = 975.00'
R = 6,000.00'
S =
RUNOUT =
RUNOFF =
% RUNOFF =



SHEET NO.	TOTAL SHEETS
F1	F18
STATE	YEAR
ALASKA	2022

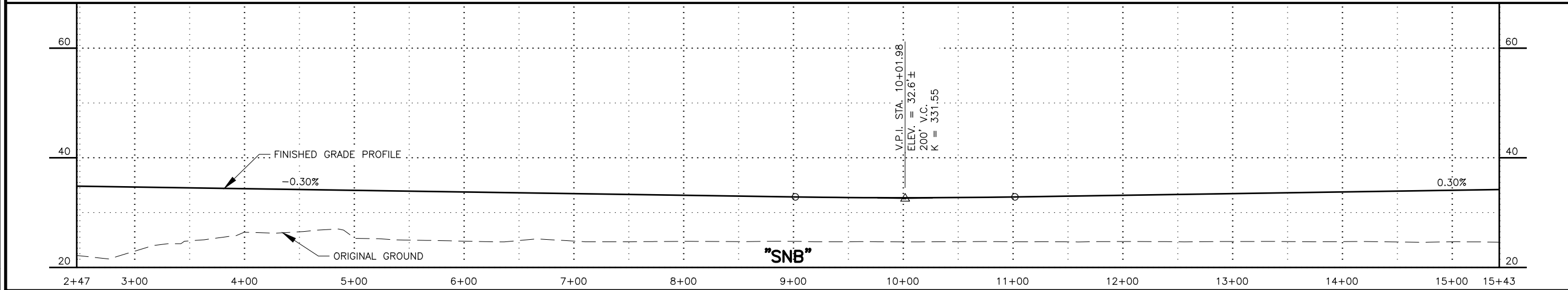
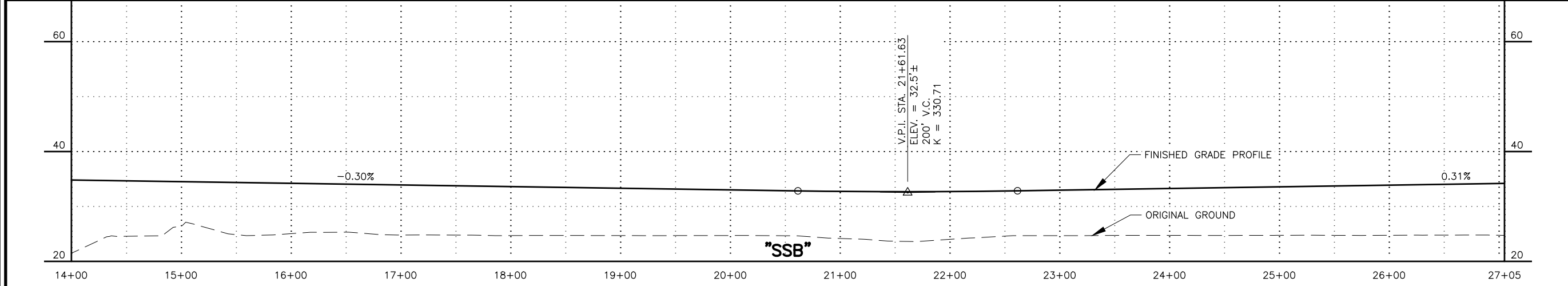
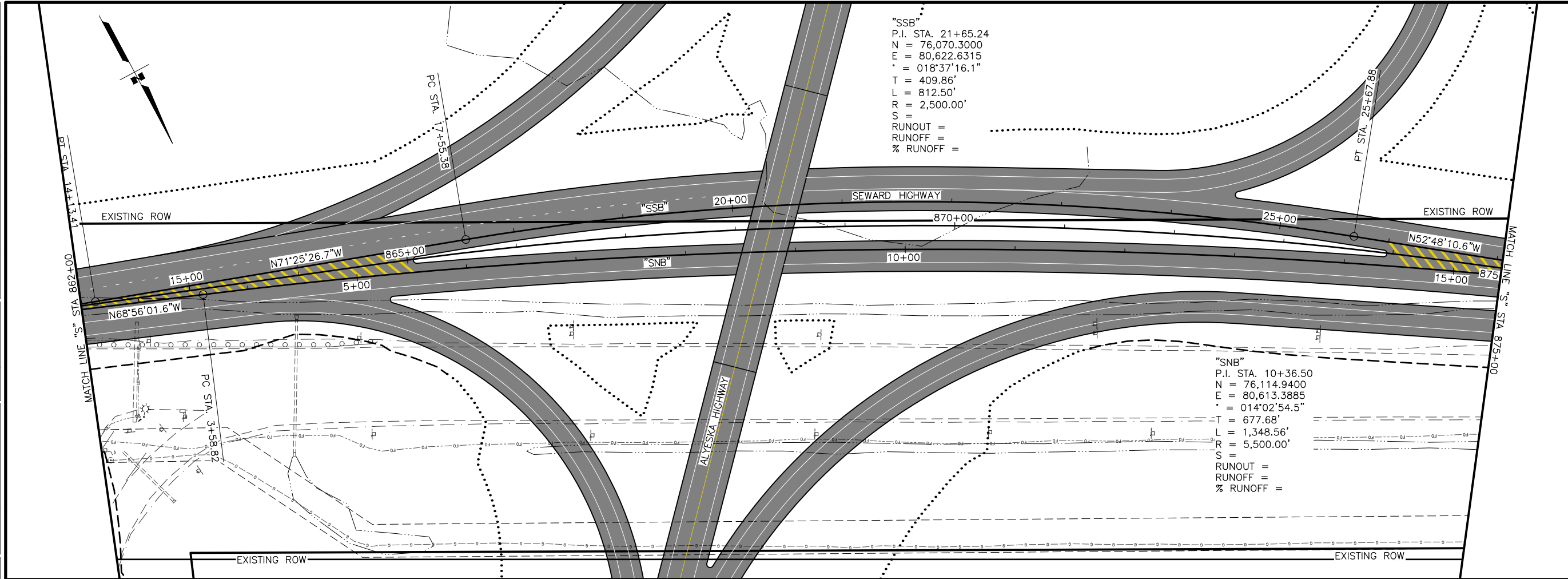
PROJECT DESIGNATION
TBD/
Z546190000

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DATE	

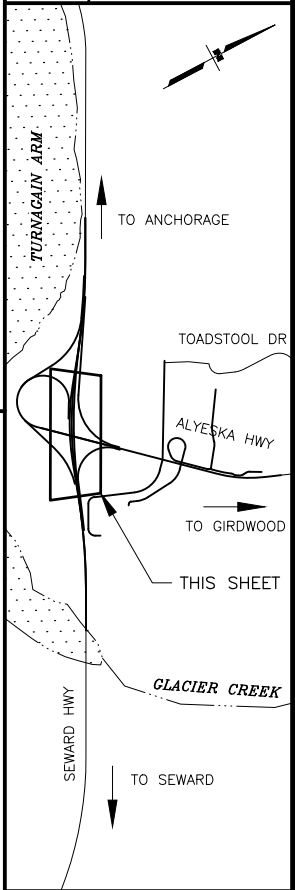


STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SEWARD HWY & ALYESKA HWY
INTERSECTION IMPROVEMENTS

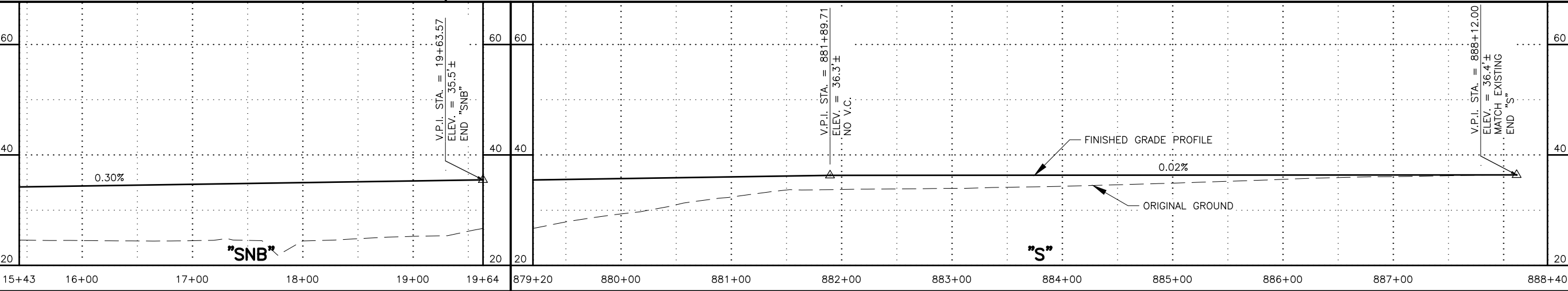
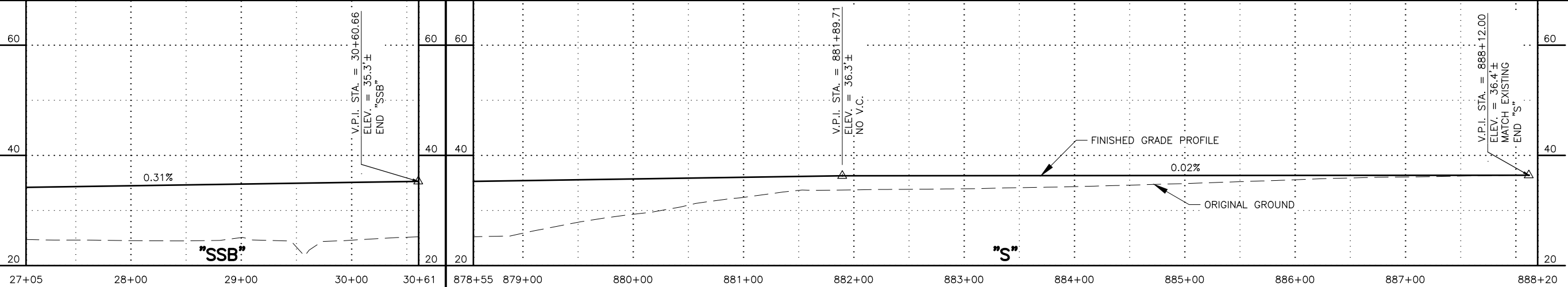
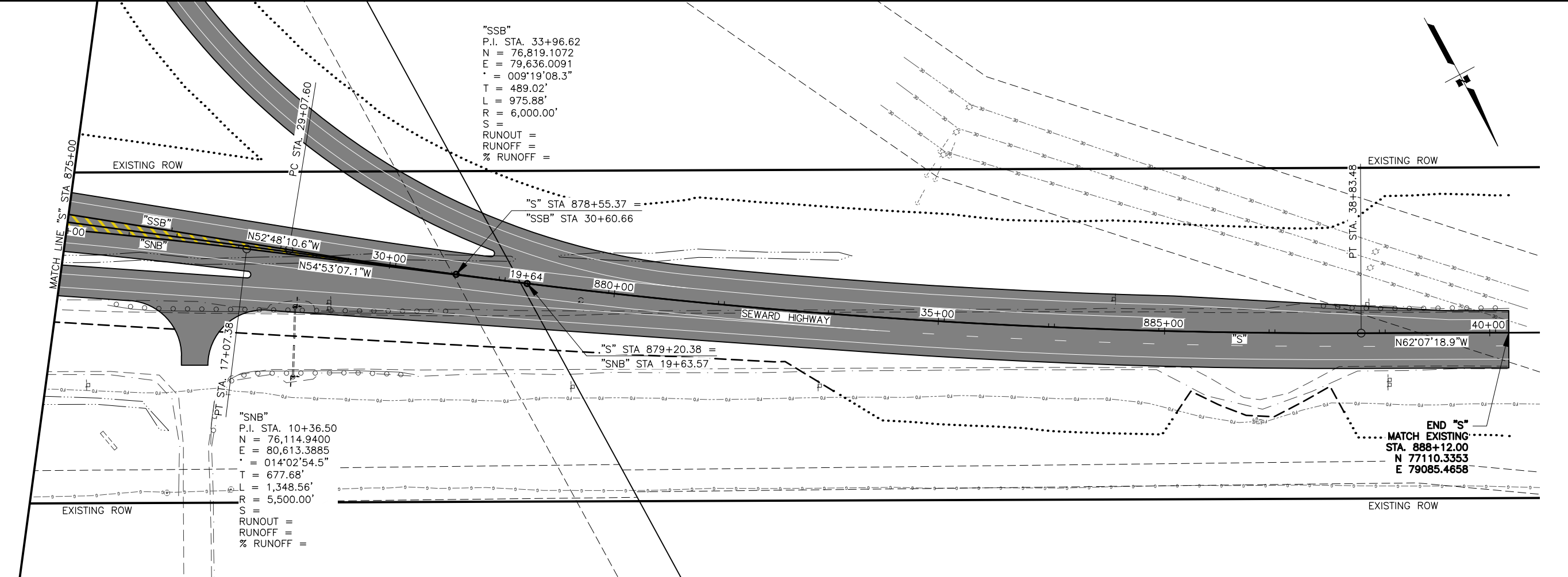
PLAN & PROFILE
"S" STA 851+05 TO
"S" STA 862+00



SHEET NO.		TOTAL SHEETS			
F2		F18			
STATE		YEAR			
ALASKA		2022			
PROJECT DESIGNATION					
TBD/ Z546190000					
NO.	REVISION				
DATE					
NO.				REVISION	
DATE					
NO.	REVISION				
DATE					
NO.			REVISION		
DATE					



FILE Z:\PROJECT\2860.01 DOT_C SEWARD HWY AND ALYESKA HWY\CIVIL\ACAD\54619-F-SEWARD HWY.DWG DATE/TIME 9/26/2022 1:48 PM LAYOUT F3 DESIGNED CHECKED DRAFTED



SHEET NO.	TOTAL SHEETS
F3	F18
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
TBD/ Z546190000	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

TO ANCHORAGE

THIS SHEET

TOADSTOOL DR

ALYESKA HWY

TO GIRDWOOD

GLACIER CREEK

SEWARD HWY

TO SEWARD

STATE OF ALASKA

CONCEPT DESIGN

SEPTEMBER 2022

REGISTERED PROFESSIONAL ENGINEER

R&M CONSULTANTS, INC.

9101 VANGUARD DRIVE

ANCHORAGE, AK 99507

(907) 522-1707

CERT. OF AUTH. NO. AECC111

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

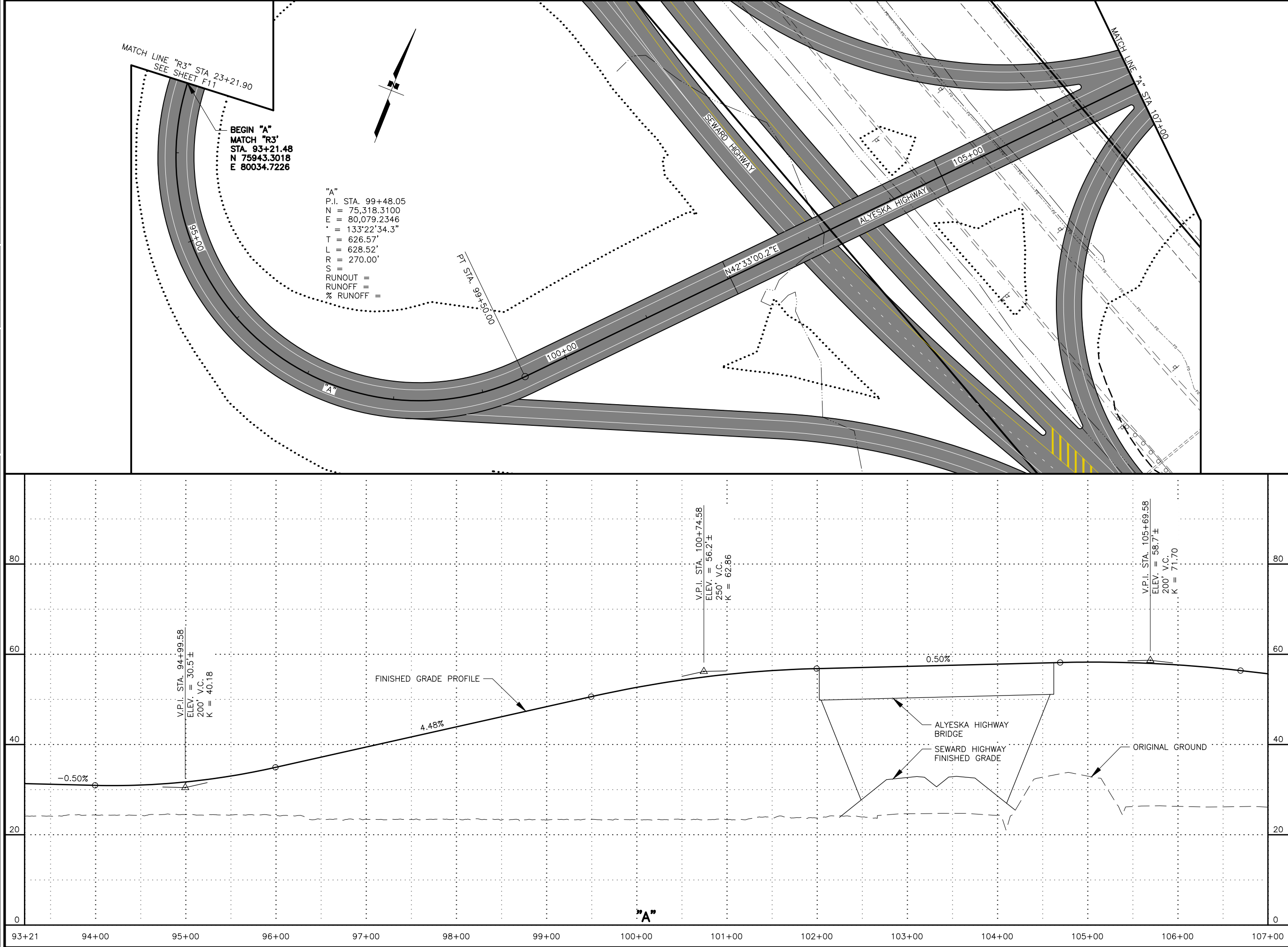
SEWARD HWY & ALYESKA HWY INTERSECTION IMPROVEMENTS

PLAN & PROFILE

"S" STA 875+00 TO

"S" STA 888+12

FILE Z:\PROJECT\2860.01 DOT_C SEWARD HWY AND ALYESKA HWY\CIVIL\ACAD\54619-F-ALYESKA HWY.DWG 9/26/2022 1:48 PM F4



SHEET NO.	TOTAL SHEETS
F4	F18
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
TBD/ Z546190000	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

TO ANCHORAGE

TO GIRDWOOD

TO SEWARD

THIS SHEET

STATE OF ALASKA

CONCEPT DESIGN

SEPTEMBER 2022

REGISTERED PROFESSIONAL ENGINEER

R&M CONSULTANTS, INC.

9101 VANGUARD DRIVE

ANCHORAGE, AK 99507

(907) 522-1707

CERT. OF AUTH. NO. AECC111

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

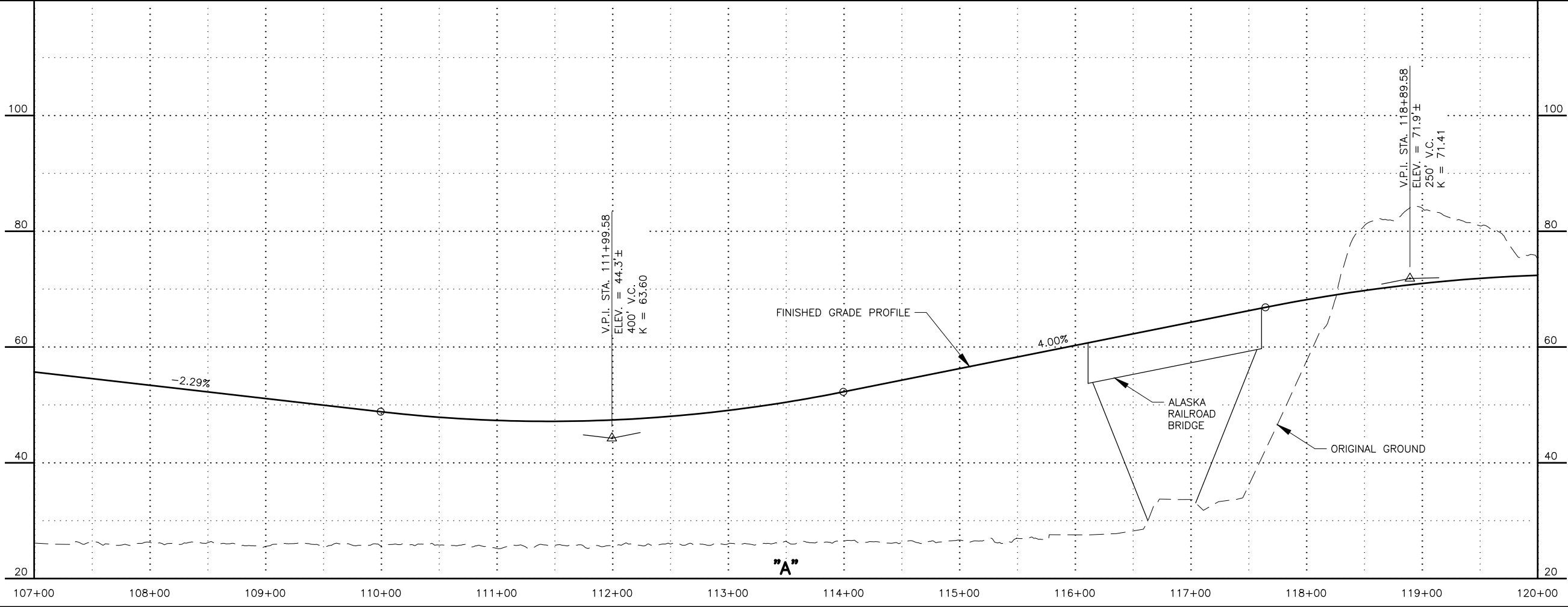
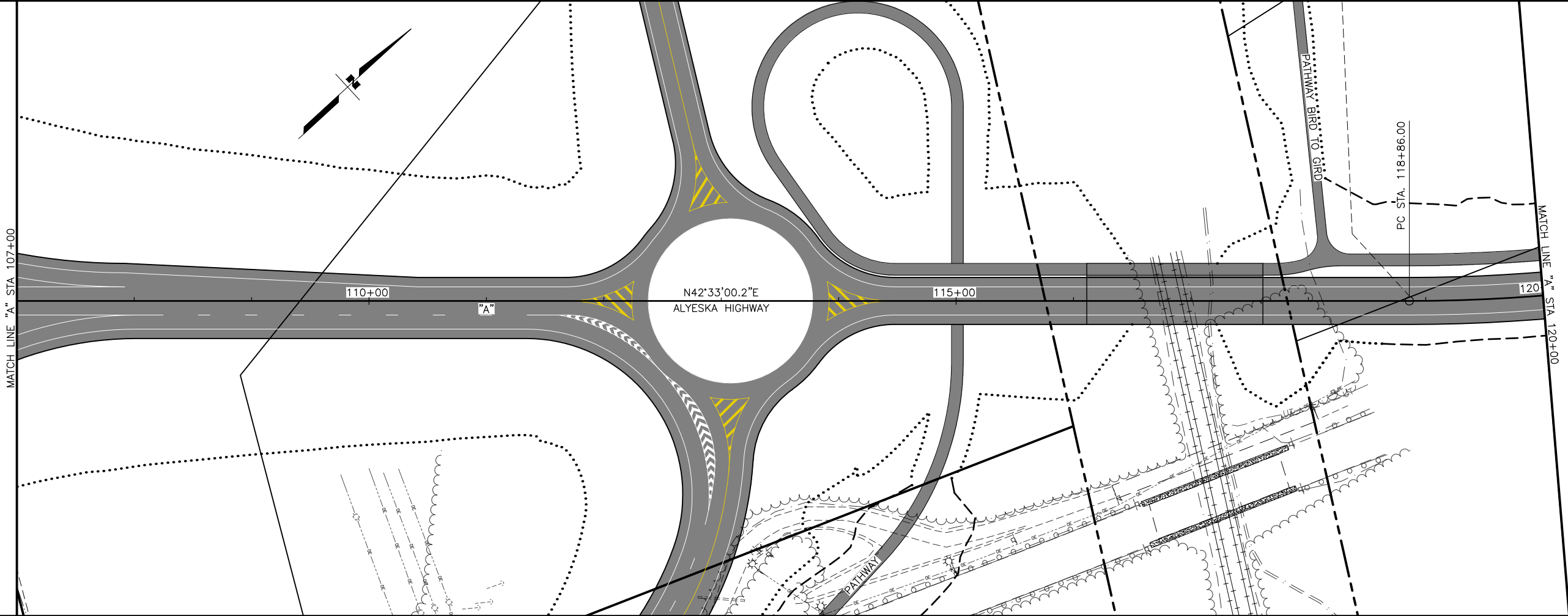
SEWARD HWY & ALYESKA HWY INTERSECTION IMPROVEMENTS

PLAN & PROFILE

"A" STA 93+21 TO

"A" STA 107+00

FILE Z:\PROJECT\2860.01 DOT_C SEWARD HWY AND ALYESKA HWY\CIVIL\ACAD\54619-F-ALYESKA HWY.DWG 9/26/2022 1:48 PM [LAYOUT] F5 [DESIGNED] [CHECKED] [DRAFTED]



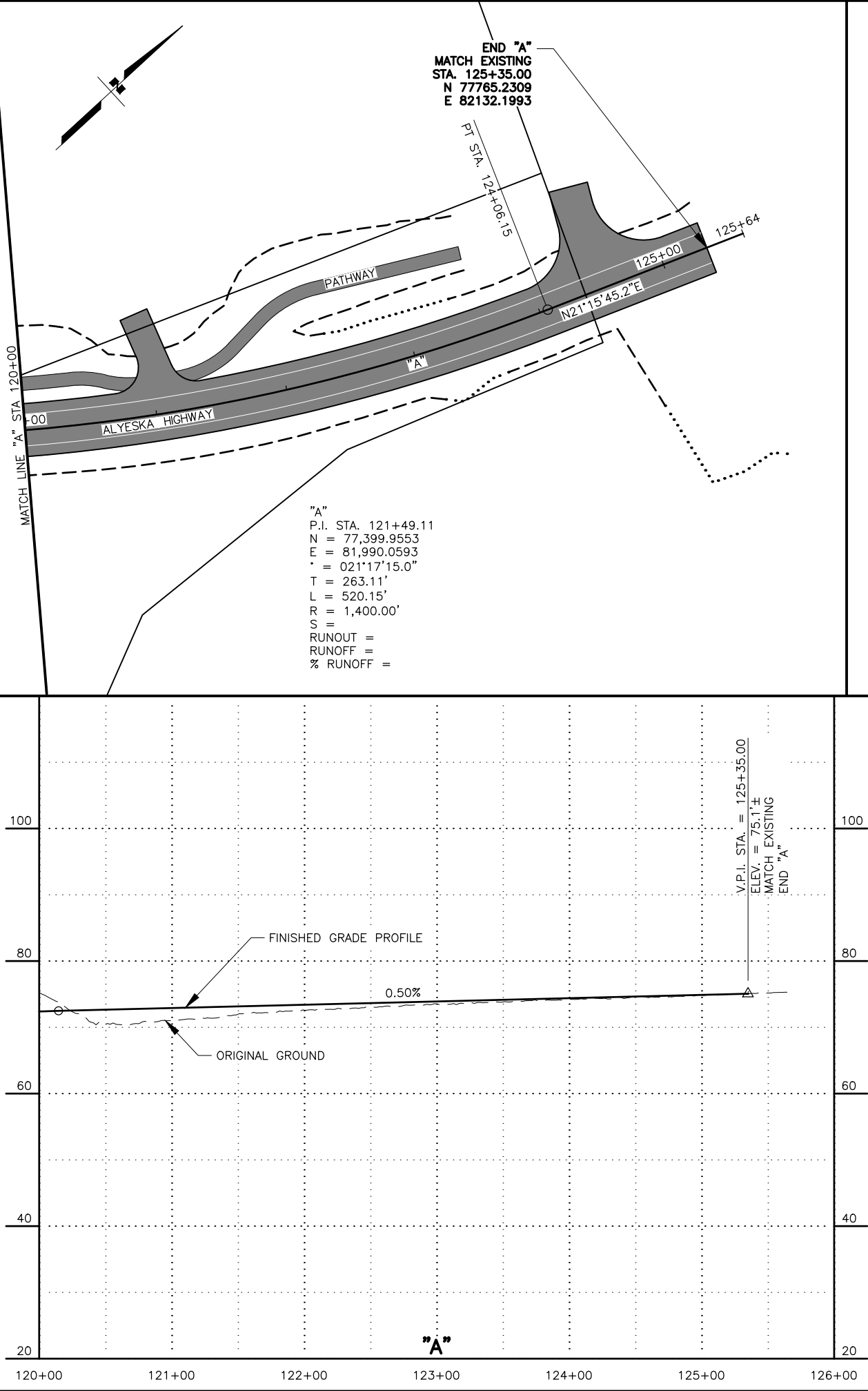
SHEET NO.	TOTAL SHEETS
F5	F18
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
TBD/ Z546190000	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

STATE OF ALASKA
CONCEPT DESIGN
SEPTEMBER 2022
0000
REGISTERED PROFESSIONAL ENGINEER

R&M CONSULTANTS, INC.
9101 VANGUARD DRIVE
ANCHORAGE, AK 99507
(907) 522-1707
CERT. OF AUTH. NO. AECC111

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SEWARD HWY & ALYESKA HWY
INTERSECTION IMPROVEMENTS

PLAN & PROFILE
"A" STA 107+00 TO
"A" STA 120+00



SHEET NO.	TOTAL SHEETS
F6	F18
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
TBD/ Z546190000	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

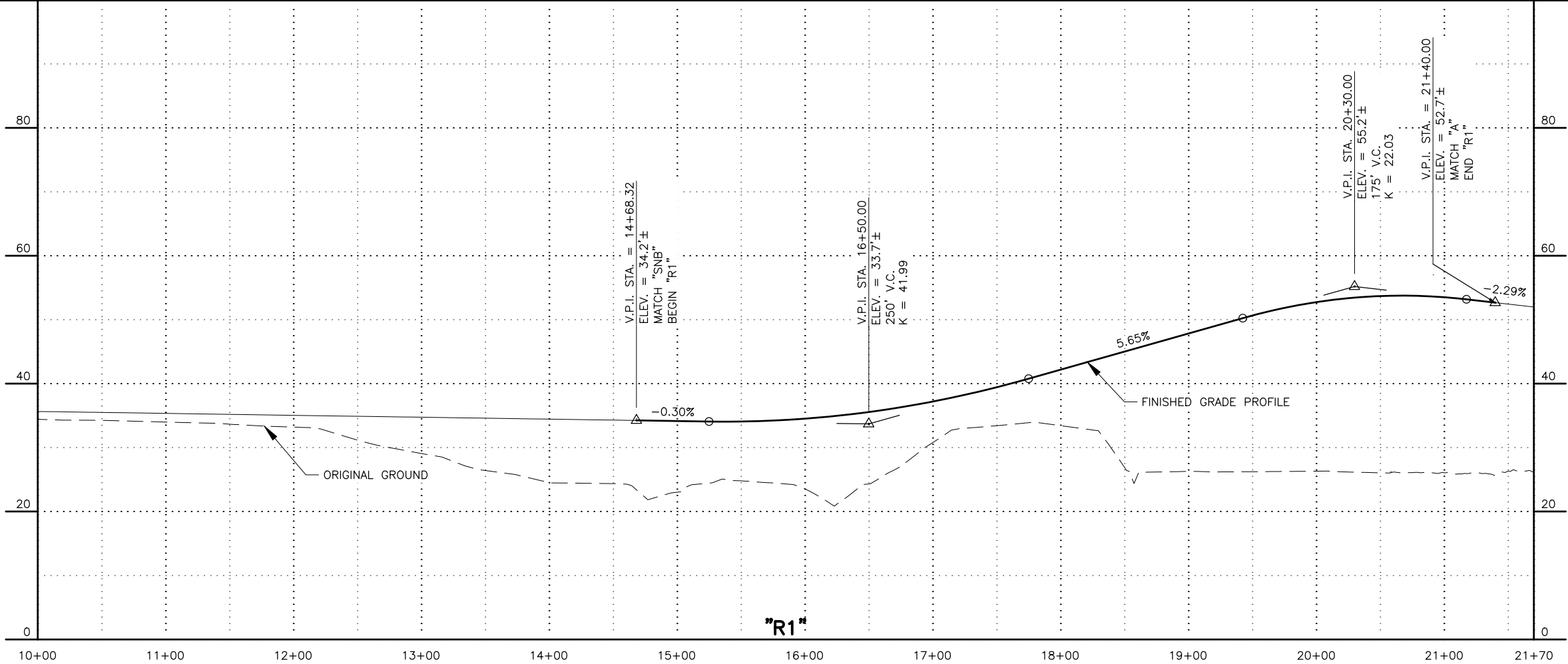
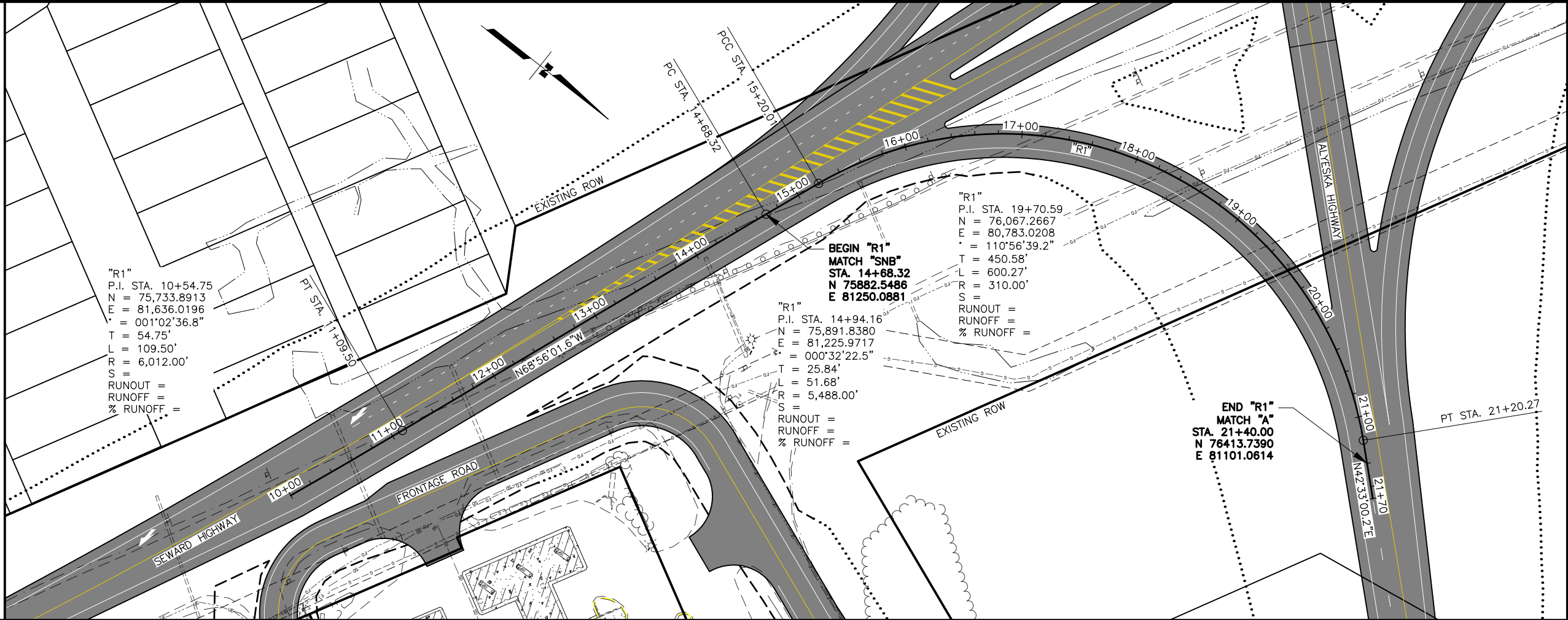
STATE OF ALASKA
CONCEPT DESIGN
SEPTEMBER 2022
0000
REGISTERED PROFESSIONAL ENGINEER

R&M CONSULTANTS, INC.
9101 VANGUARD DRIVE
ANCHORAGE, AK 99507
(907) 522-1707
CERT. OF AUTH. NO. AECC111

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SEWARD HWY & ALYESKA HWY
INTERSECTION IMPROVEMENTS

PLAN & PROFILE
"A" STA 120+00 TO
"A" STA 125+37

FILE Z:\PROJECT\2860.01 DOT_C SEWARD HWY AND ALYESKA HWY CIVIL\ACAD\54619-F-RAMPS.DWG DATE/TIME 9/26/2022 1:48 PM LAYOUT F7 DESIGNED CHECKED DRAFTED



SHEET NO.	TOTAL SHEETS
F7	F18
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
TBD/ Z546190000	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

Location map of the project area. The map shows the intersection of Seward Highway and Alyeska Highway, and the intersection of Seward Highway and Turvagay Arm. The map also shows the location of various structures, including a bridge over Frontage Road and a bridge over Turvagay Arm. The map includes a north arrow and a scale bar.

TO ANCHORAGE

TO GIRDWOOD

THIS SHEET

GLACIER CREEK

SEWARD HWY

TO SEWARD

TOADSTOOL DR

ALYESKA HWY

TURVAGAY ARM

STATE OF ALASKA

CONCEPT DESIGN

SEPTEMBER 2022

REGISTERED PROFESSIONAL ENGINEER

R&M CONSULTANTS, INC.

9101 VANGUARD DRIVE

ANCHORAGE, AK 99507

(907) 522-1707

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STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION

AND PUBLIC FACILITIES

SEWARD HWY & ALYESKA HWY

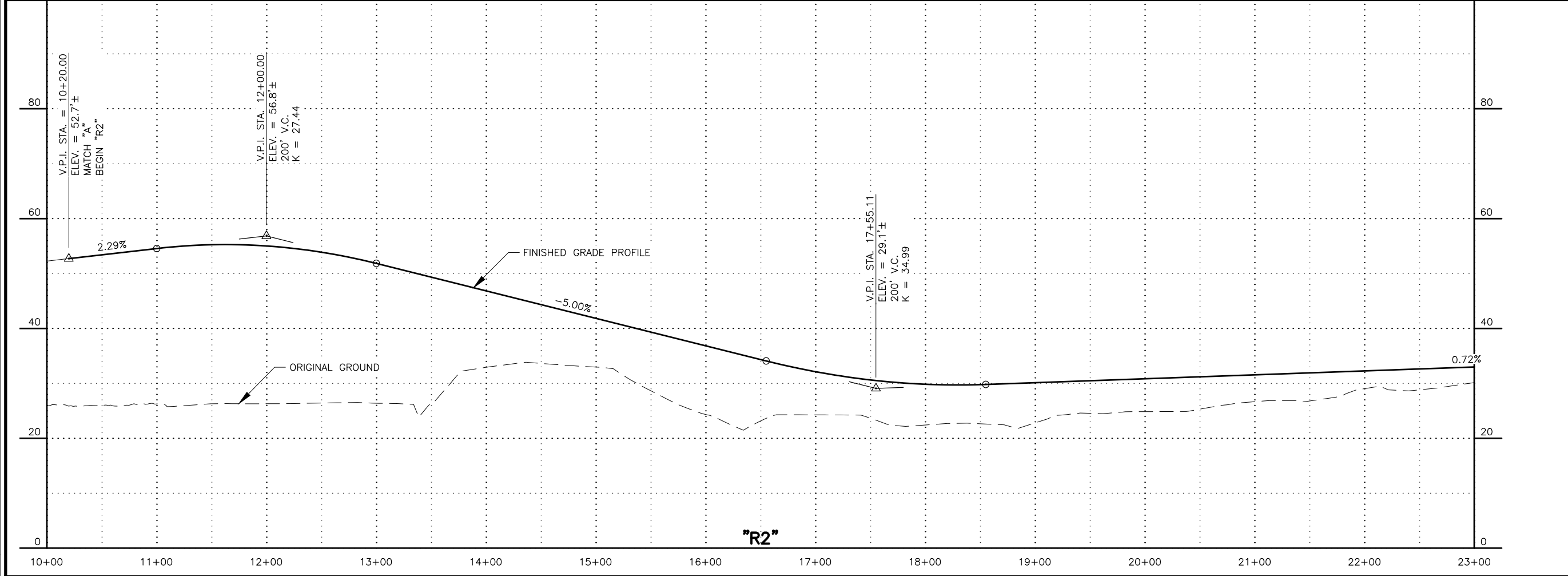
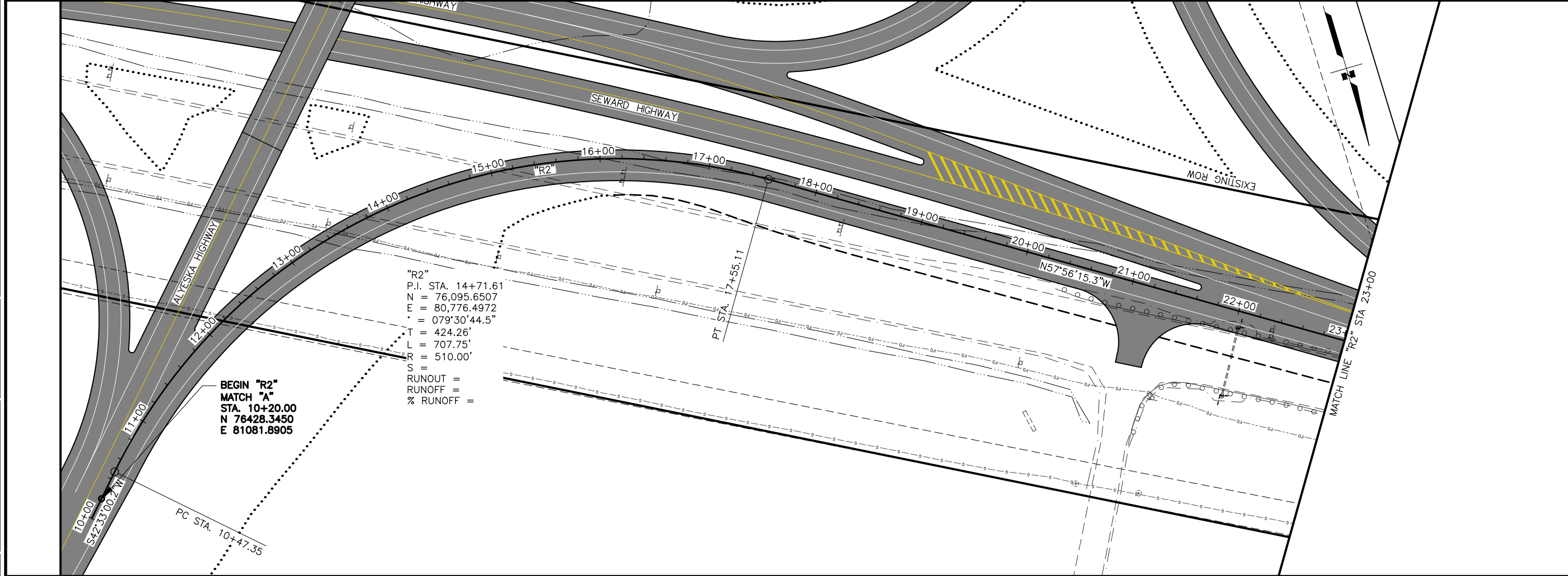
INTERSECTION IMPROVEMENTS

PLAN & PROFILE

"R1" STA 10+00 TO

"R1" STA 21+70

FILE Z:\PROJECT\2860.01 DOT_C SEWARD HWY AND ALYESKA HWY\ACAD\54619-F-RAMPS.DWG 9/26/2022 1:49 PM F8 LAYOUT



SHEET NO.	TOTAL SHEETS
F8	F18
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
TBD/ Z546190000	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

TO ANCHORAGE

THIS SHEET

TOADSTOOL DR

ALYESKA HWY

TO GIRDWOOD

GLACIER CREEK

SEWARD HWY

TO SEWARD

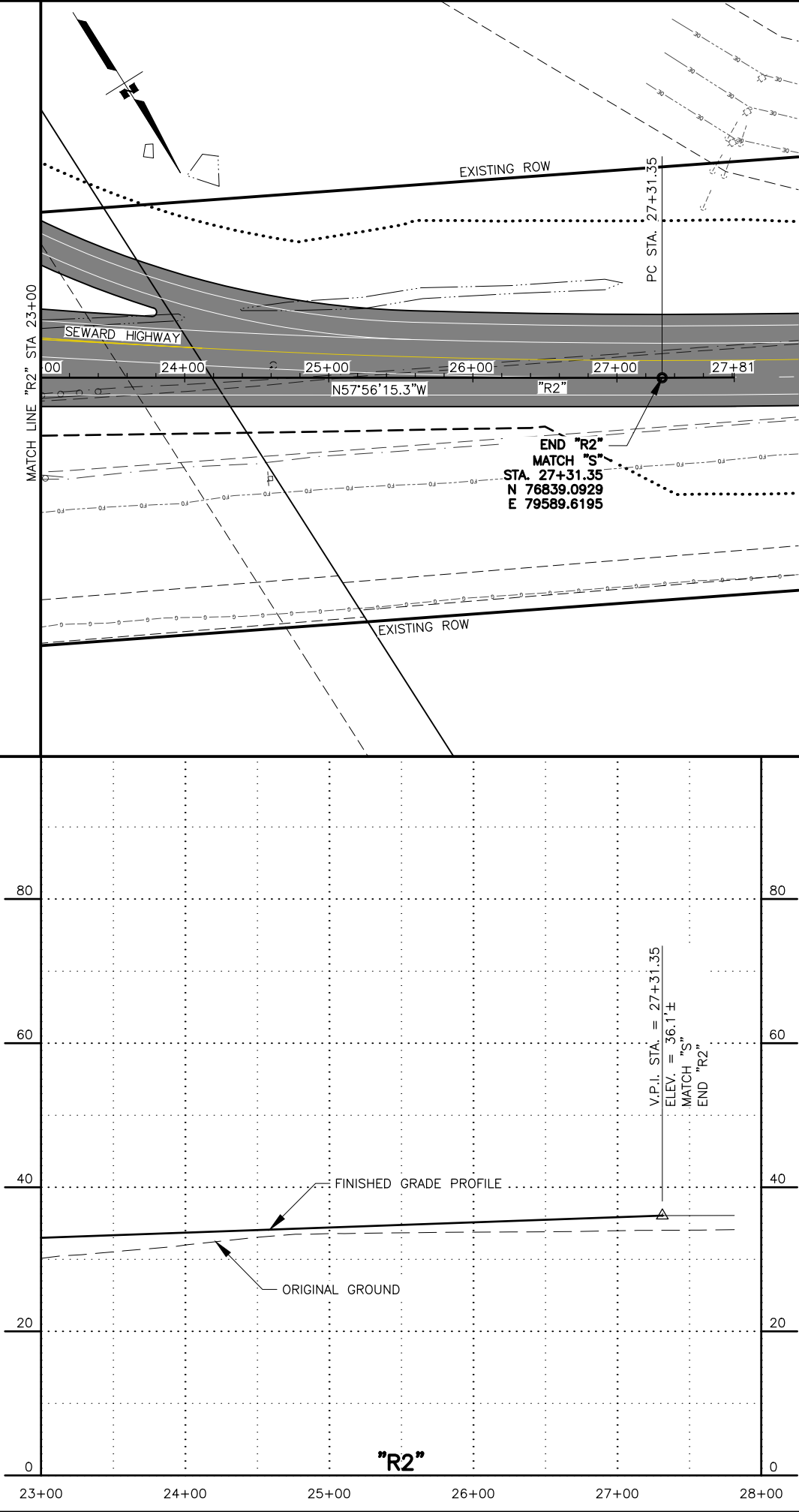
STATE OF ALASKA
CONCEPT DESIGN
SEPTEMBER 2022
0000
REGISTERED PROFESSIONAL ENGINEER

R&M CONSULTANTS, INC.
9101 VANGUARD DRIVE
ANCHORAGE, AK 99507
(907) 522-1707
CERT. OF AUTH. NO. AECC111

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

SEWARD HWY & ALYESKA HWY
INTERSECTION IMPROVEMENTS

PLAN & PROFILE
"R2" STA 10+00 TO
"R2" STA 23+00



SHEET NO.	TOTAL SHEETS
F9	F18
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
TBD/ Z546190000	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

TO ANCHORAGE
THIS SHEET
TOADSTOOL DR
ALYESKA HWY
TO GIRDWOOD
GLACIER CREEK
SEWARD HWY
TO SEWARD

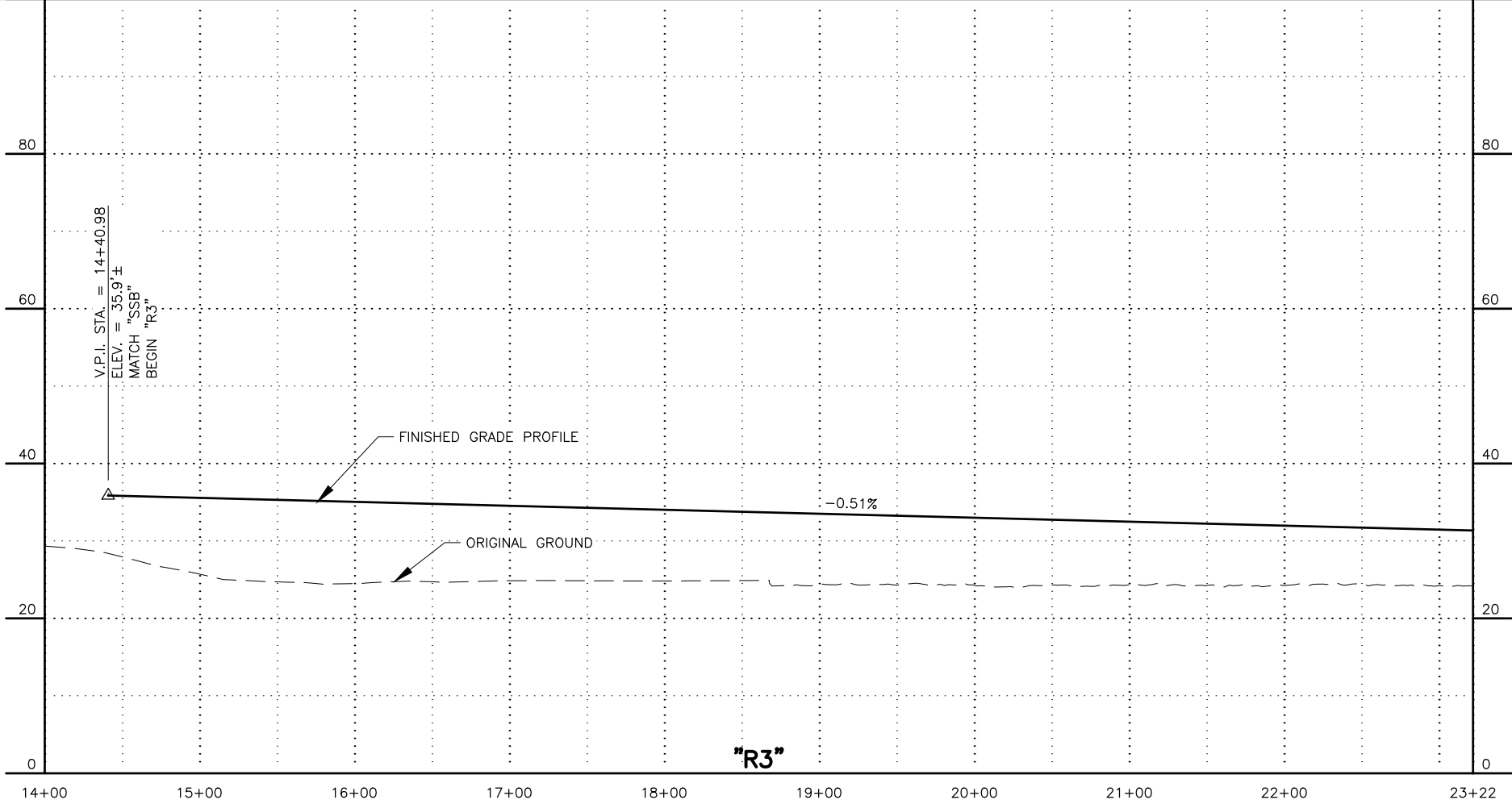
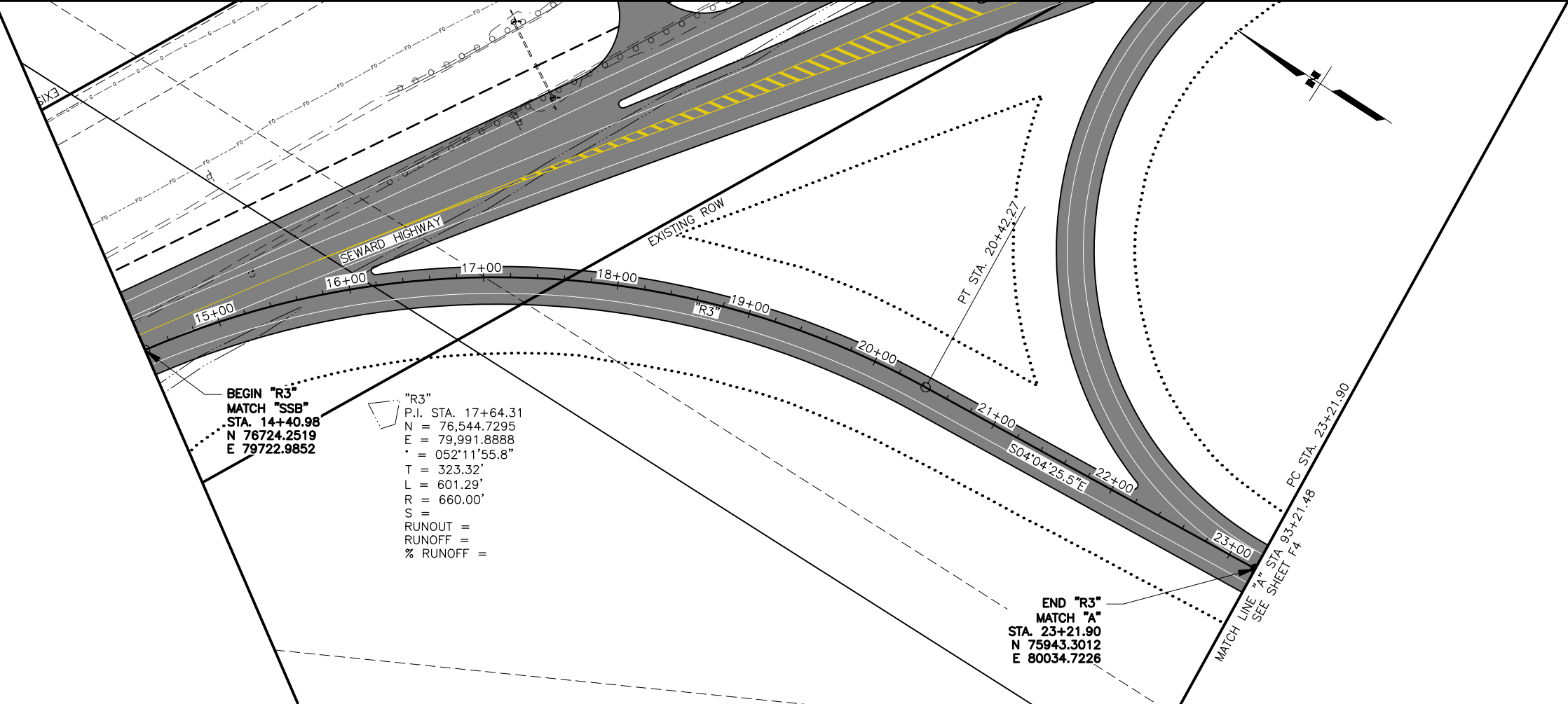
STATE OF ALASKA
CONCEPT DESIGN
SEPTEMBER 2022
0000
REGISTERED PROFESSIONAL ENGINEER

R&M CONSULTANTS, INC.
9101 VANGUARD DRIVE
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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SEWARD HWY & ALYESKA HWY
INTERSECTION IMPROVEMENTS

PLAN & PROFILE
"R2" STA 23+00 TO
"R2" STA 27+31

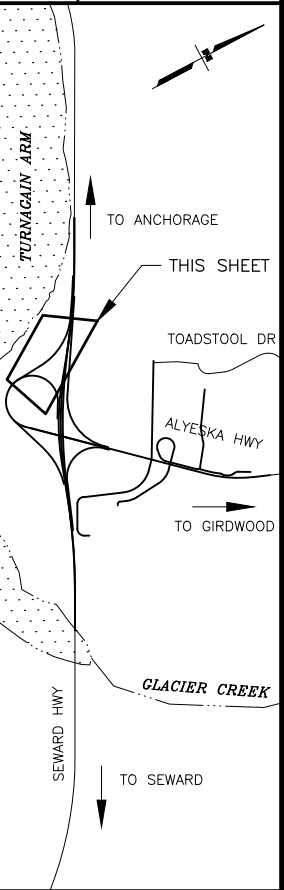
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SHEET NO.	TOTAL SHEETS
F10	F18
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
TBD/
Z546190000

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

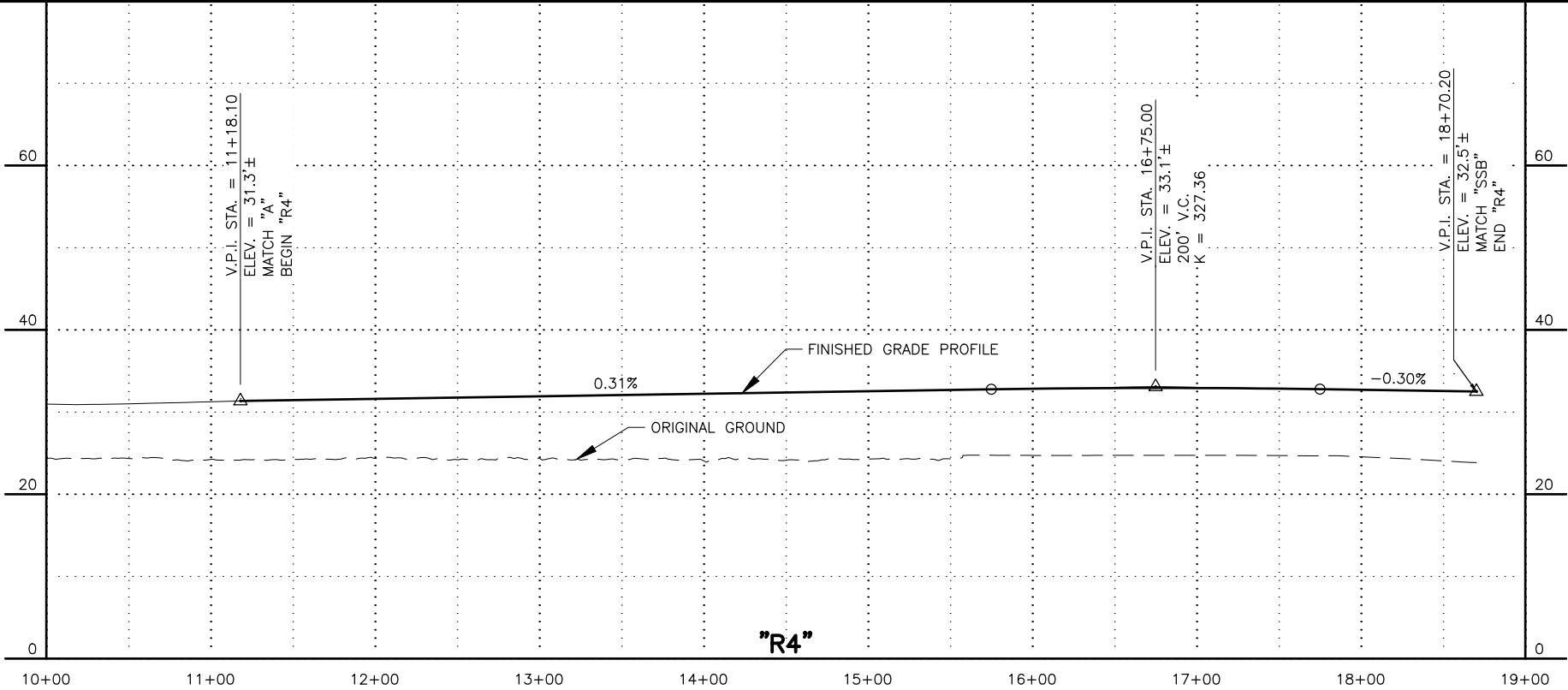
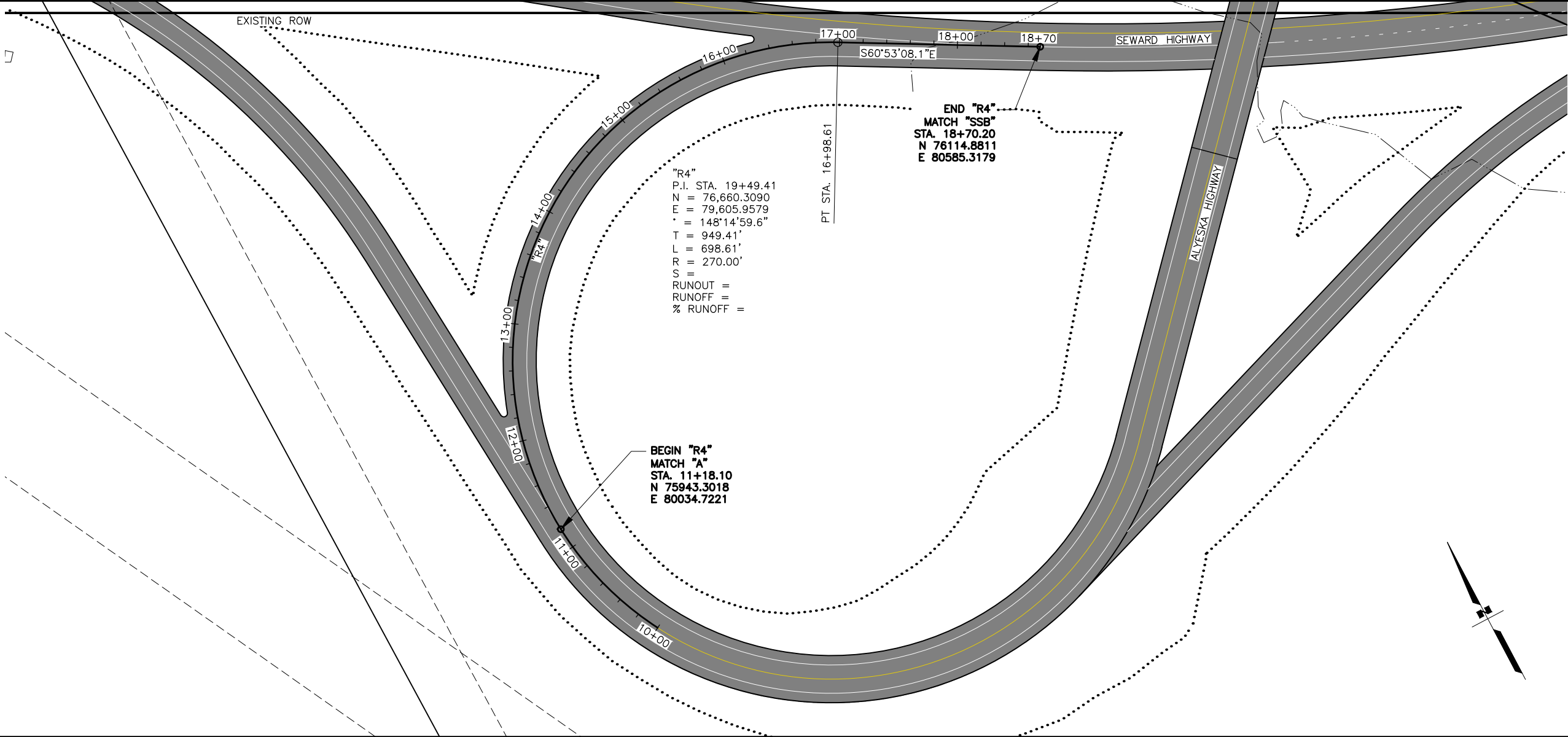


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9101 VANGUARD DRIVE
ANCHORAGE, AK 99507
(907) 522-1707
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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SEWARD HWY & ALYESKA HWY
INTERSECTION IMPROVEMENTS

PLAN & PROFILE
"R3" STA 14+40 TO
"R3" STA 24+00

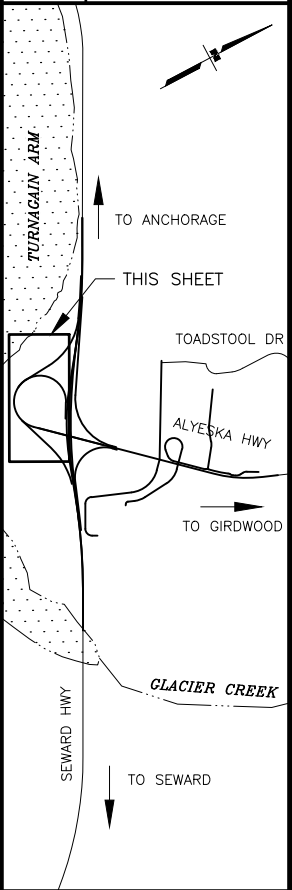
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SHEET NO.	TOTAL SHEETS
F11	F18
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
TBD/
Z546190000

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

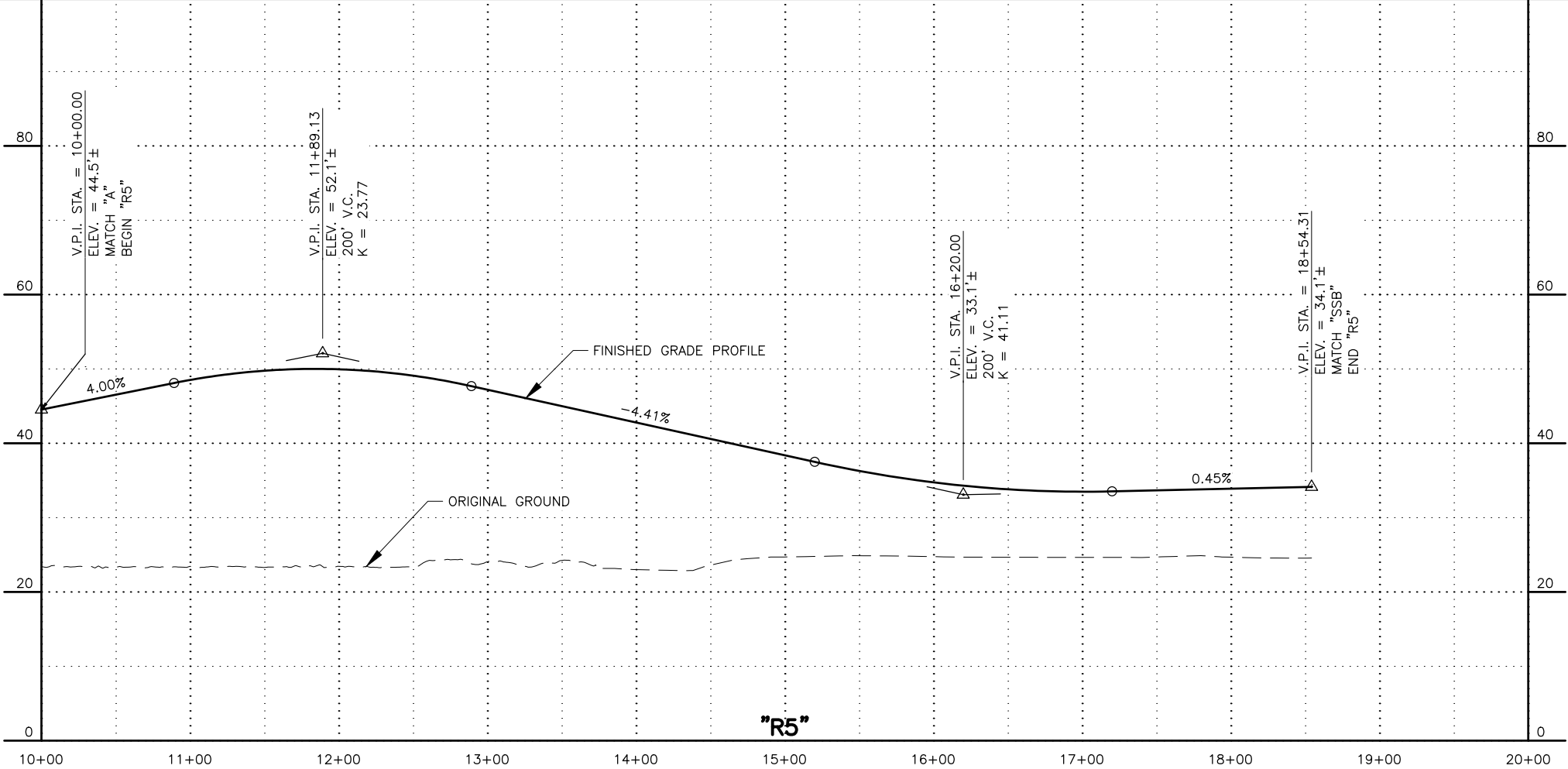
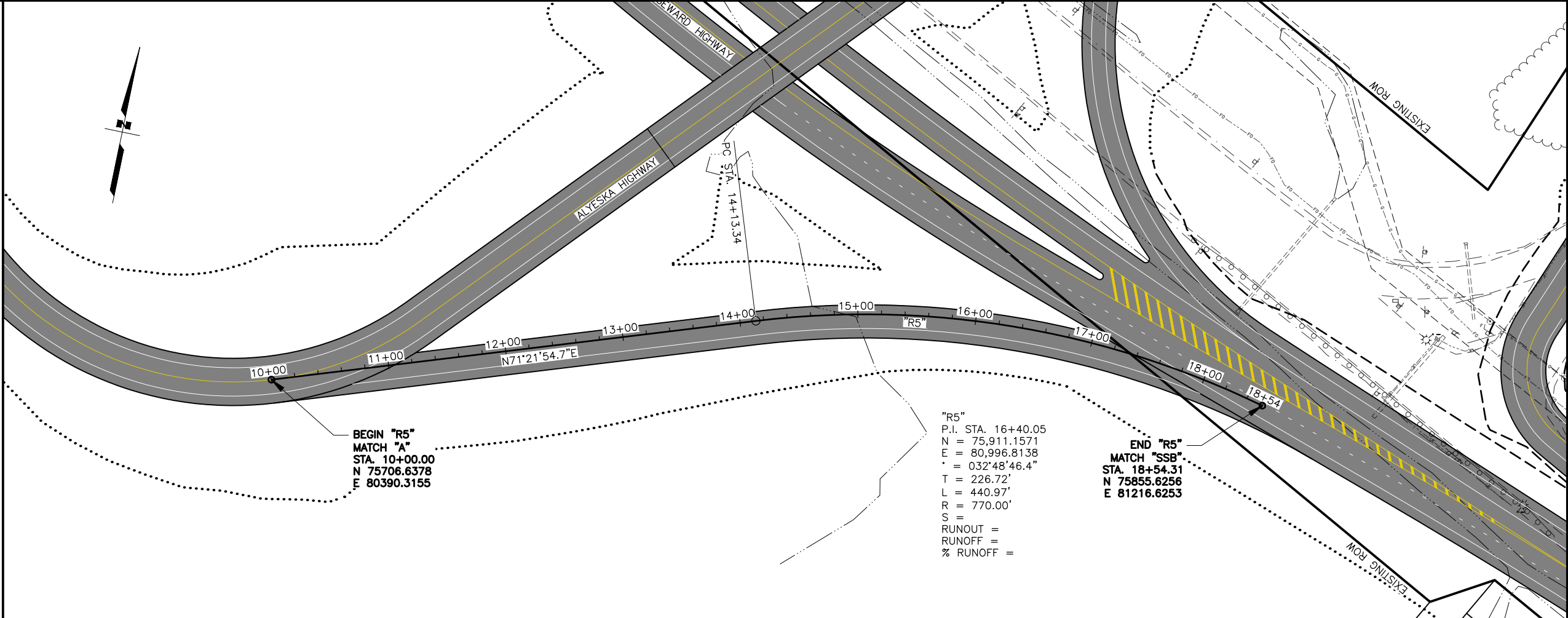


R&M CONSULTANTS, INC.
9101 VANGUARD DRIVE
ANCHORAGE, AK 99507
(907) 522-1707
CERT. OF AUTH. NO. AECC111

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SEWARD HWY & ALYESKA HWY
INTERSECTION IMPROVEMENTS

PLAN & PROFILE
"R4" STA 11+00 TO
"R4" STA 18+70

FILE Z:\PROJECT\2860.01 DOT_C SEWARD HWY AND ALYESKA HWY CIVIL\ACAD\54619-F-RAMPS.DWG DATE/TIME 9/26/2022 1:49 PM LAYOUT F12 DESIGNED CHECKED DRAFTED



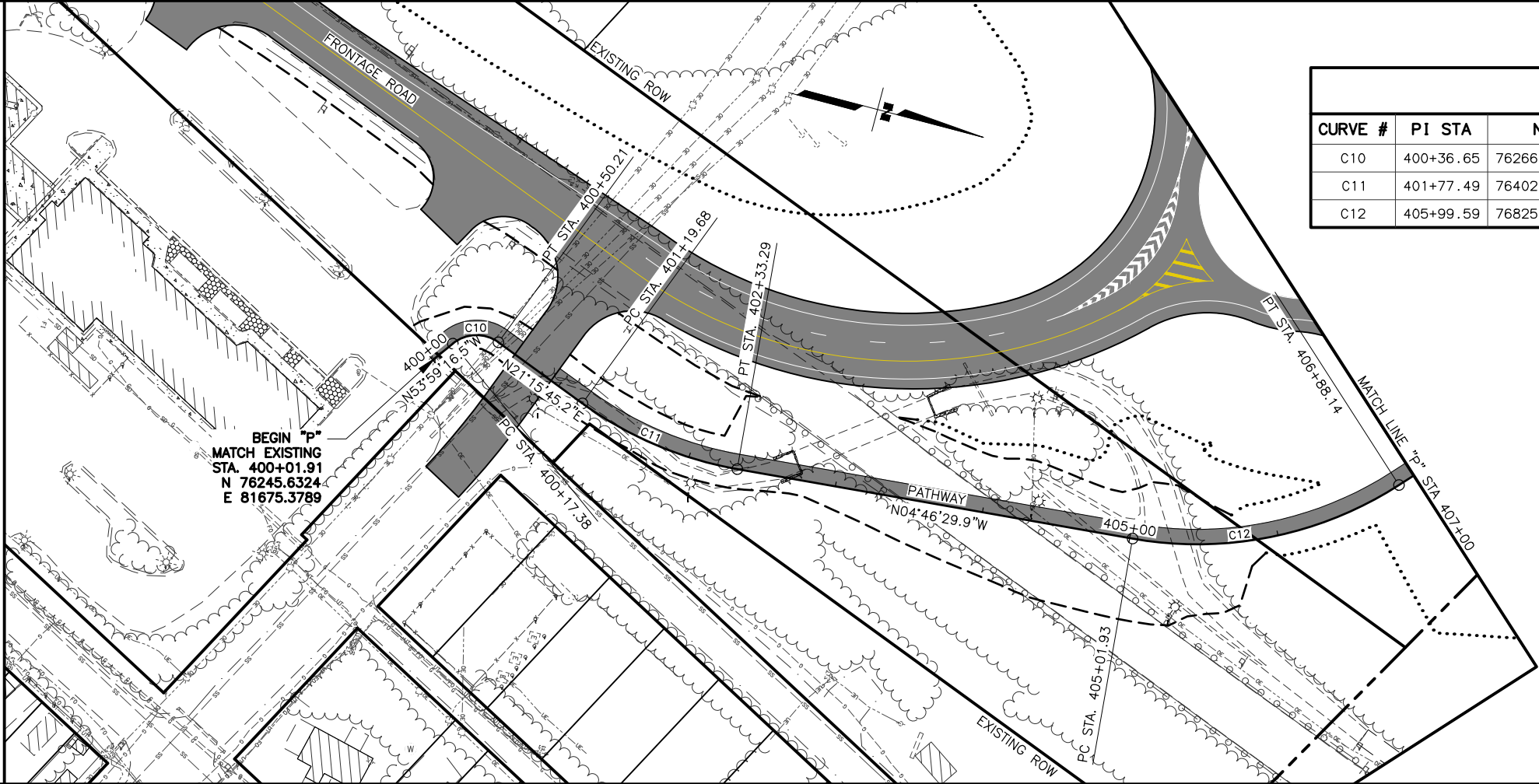
SHEET NO.	TOTAL SHEETS
F12	F18
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
TBD/ Z546190000	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

R&M CONSULTANTS, INC.
9101 VANGUARD DRIVE
ANCHORAGE, AK 99507
(907) 522-1707
CERT. OF AUTH. NO. AECC111

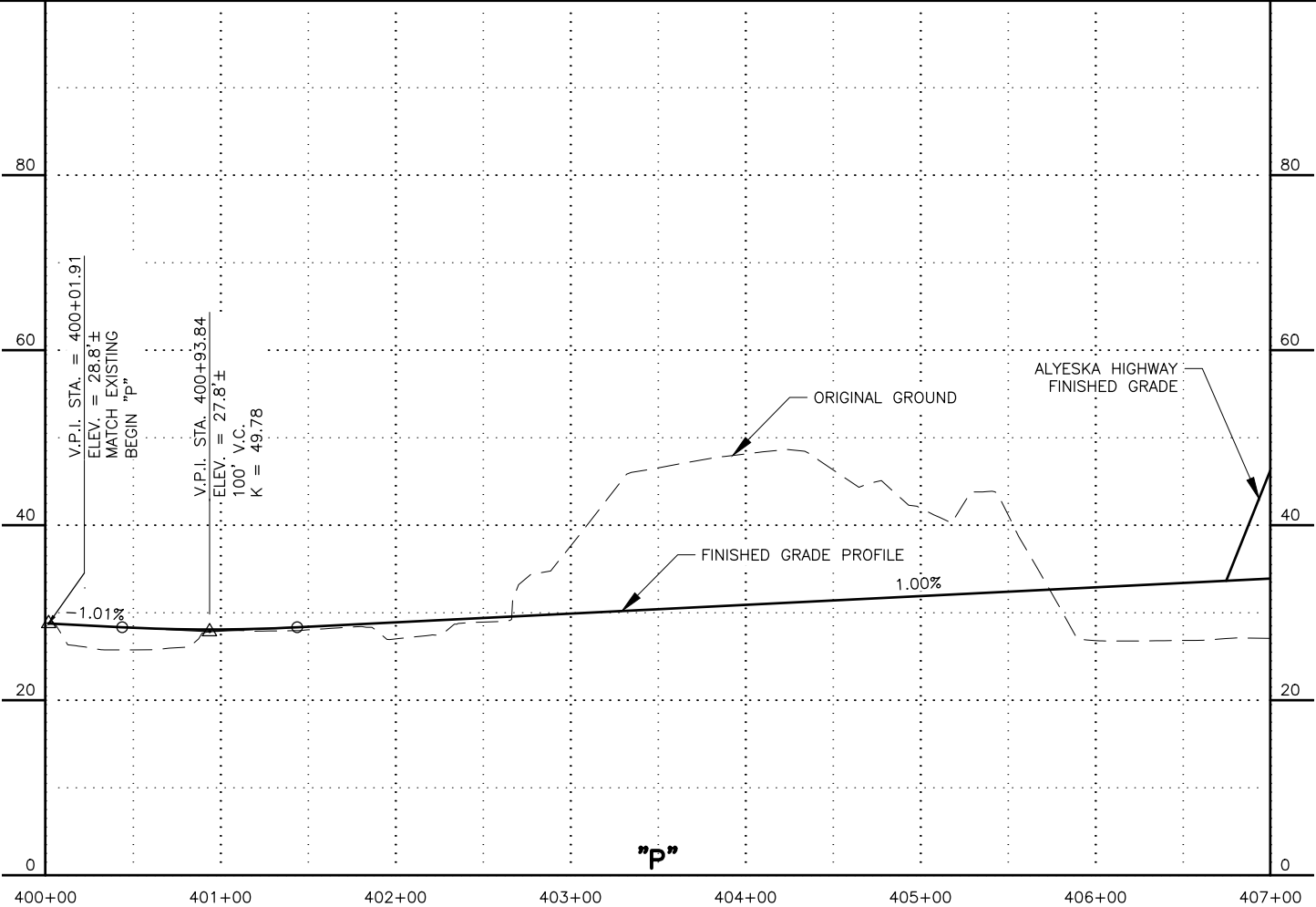
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SEWARD HWY & ALYESKA HWY
INTERSECTION IMPROVEMENTS

PLAN & PROFILE
"R5" STA 10+00 TO
"R5" STA 18+55

FILE | Z:\PROJECT\2860.01 DOT_C SEWARD HWY AND ALYESKA HWY\CIVIL\ACAD\54619-F-PATHWAY.DWG | DATE/TIME 9/26/2022 1:49 PM | LAYOUT | F13 | DESIGNED | CHECKED | DRAFTED



"P" CURVE TABLE							
CURVE #	PI STA	N	E	Δ	T	L	R
C10	400+36.65	76266.0555	81647.2813	75°15'01.6"	19.27'	32.83'	25.00'
C11	401+77.49	76402.6268	81700.4254	26°02'15.1"	57.80'	113.61'	250.00'
C12	405+99.59	76825.2569	81665.1220	42°40'29.9"	97.66'	186.20'	250.00'



SHEET NO.
F13

STATE
ALASKA

PROJECT DESIGNATION
**TBD/
Z546190000**

TOTAL SHEETS
F18

YEAR
2022

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

TO ANCHORAGE

TOADSTOOL DR

ALYESKA HWY

ALYESKA HIGHWAY

TO GIRDWOOD

THIS SHEET

GLACIER CREEK

SEWARD HWY

TO SEWARD

CONCEPT DESIGN
SEPTEMBER 2022
0000

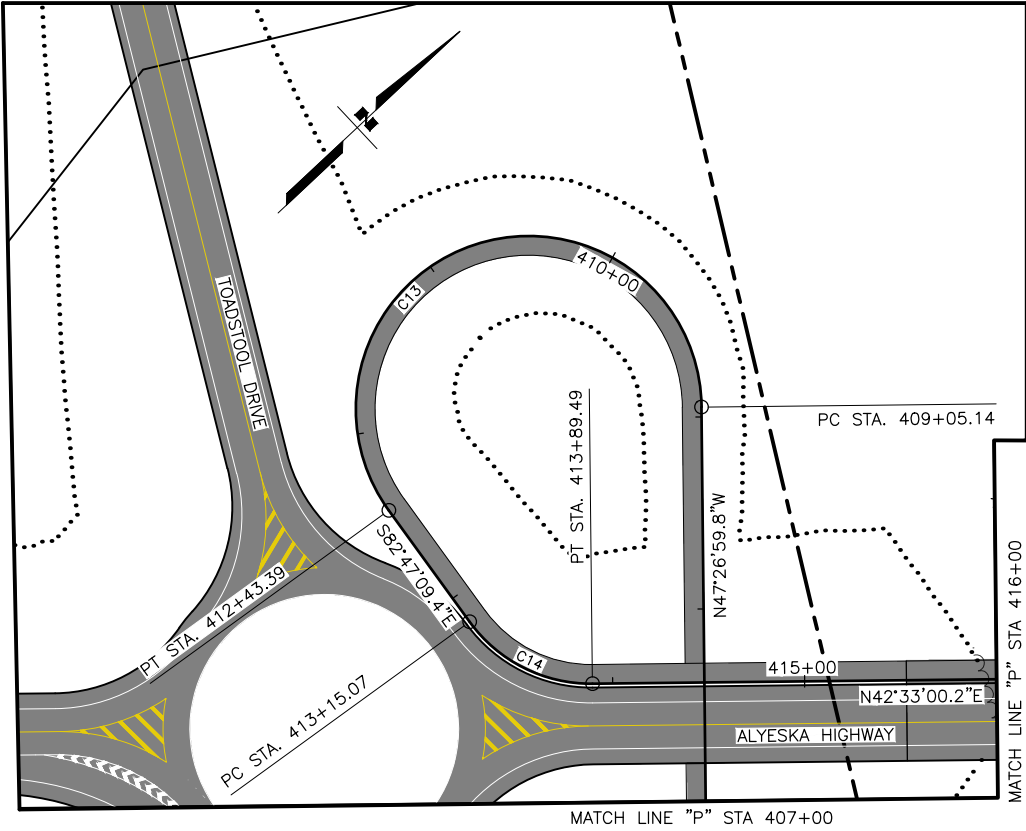
REGISTERED PROFESSIONAL ENGINEER

R&M CONSULTANTS, INC.
9101 VANGUARD DRIVE
ANCHORAGE, AK 99507
(907) 522-1707
CERT. OF AUTH. NO. AECC111

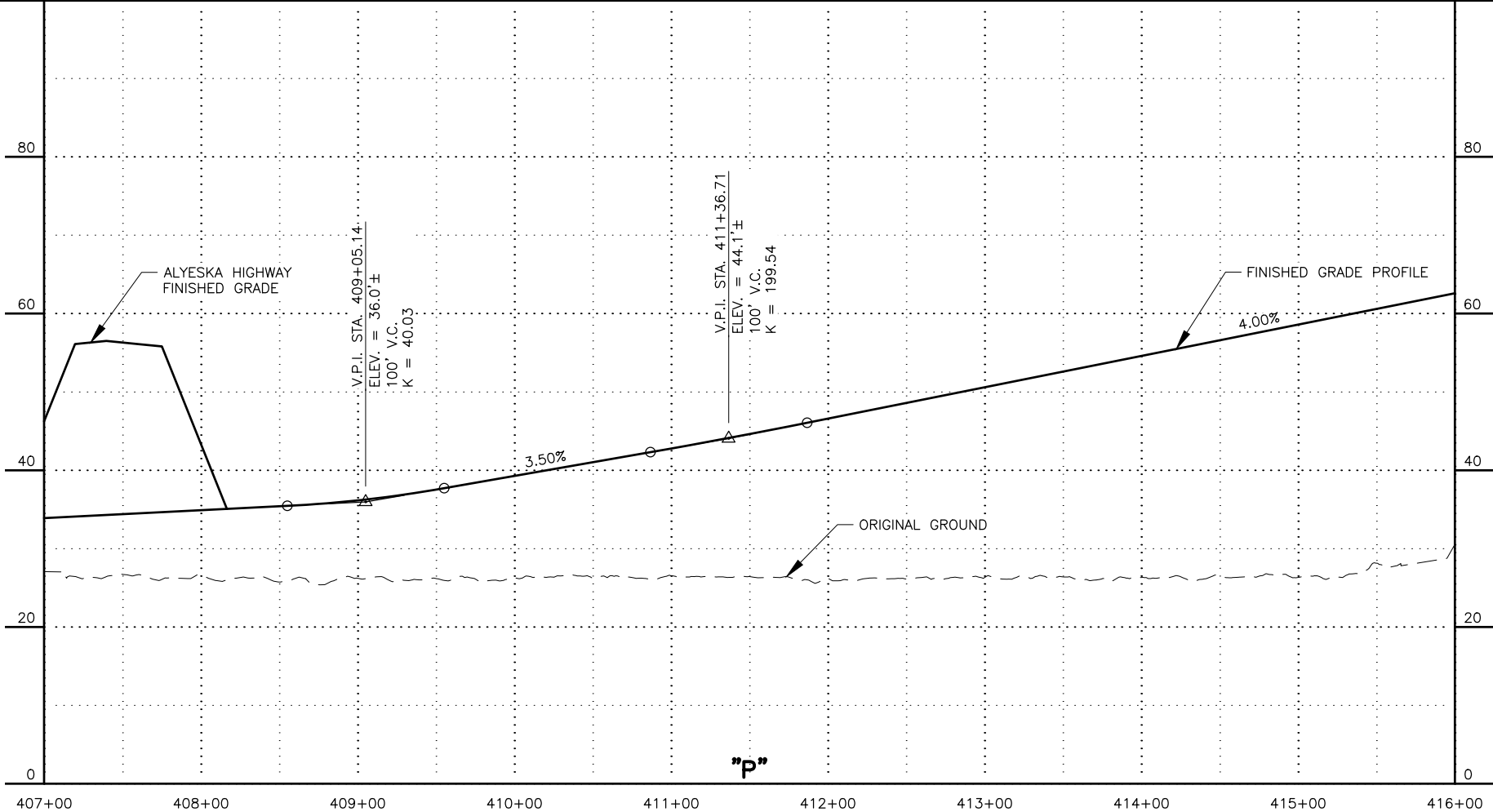
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

SEWARD HWY & ALYESKA HWY
INTERSECTION IMPROVEMENTS

PLAN & PROFILE
"P" STA 400+01 TO
"P" STA 407+00



"P" CURVE TABLE							
CURVE #	PI STA	N	E	Δ	T	L	R
C13	406+22.59	76846.9738	81641.4637	215°20'09.6"	282.55'	338.25'	90.00'
C14	413+55.39	76868.3921	81472.2535	54°39'52.3"	40.31'	74.42'	78.00'



SHEET NO.

F14

TOTAL SHEETS

F18

STATE

ALASKA

YEAR

2022

PROJECT DESIGNATION

TBD/
Z546190000

NO.

REVISION

DATE

NO.

REVISION

DATE

NO.

REVISION

DATE

TO ANCHORAGE

TO GIRDWOOD

TO SEWARD

STATE OF ALASKA

CONCEPT DESIGN

SEPTEMBER 2022

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REGISTERED PROFESSIONAL ENGINEER

R&M CONSULTANTS, INC.

9101 VANGUARD DRIVE

ANCHORAGE, AK 99507

(907) 522-1707

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STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION

AND PUBLIC FACILITIES

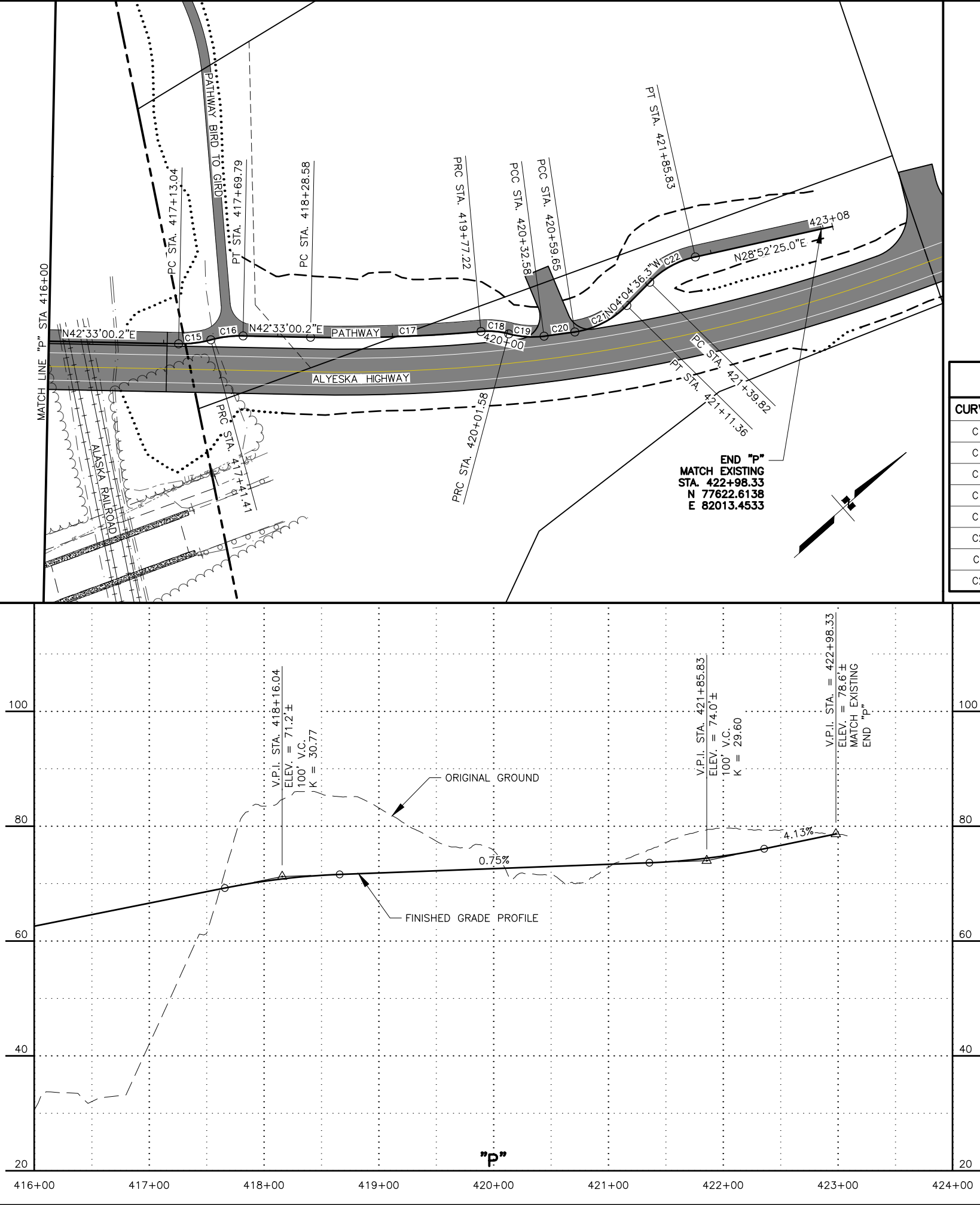
SEWARD HWY & ALYESKA HWY

INTERSECTION IMPROVEMENTS

PLAN & PROFILE

"P" STA 407+00 TO

"P" STA 416+00



"P" CURVE TABLE							
CURVE #	PI STA	N	E	Δ	T	L	R
C15	417+27.32	77146.9682	81727.9690	16°15'36.7"	14.29'	28.38'	100.00'
C16	417+55.70	77172.5845	81740.6237	16°15'37.4"	14.29'	28.38'	100.00'
C17	419+02.97	77281.2195	81840.3441	6°12'59.9"	74.40'	148.65'	1370.00'
C18	419+89.53	77351.0647	81891.7133	19°56'26.4"	12.31'	24.36'	70.00'
C19	420+17.28	77366.6097	81914.9993	22°11'45.3"	15.69'	30.99'	80.00'
C20	420+46.11	77390.8203	81931.3776	1°07'26.8"	13.54'	27.07'	1380.00'
C21	420+86.44	77424.6608	81953.3153	37°01'50.9"	26.79'	51.70'	80.00'
C22	421+63.48	77503.3808	81947.7047	32°57'01.3"	23.66'	46.01'	80.00'

SHEET NO. F15

TOTAL SHEETS F18

STATE ALASKA

YEAR 2022

PROJECT DESIGNATION TBD/
Z546190000

NO.

REVISION

DATE

NO.

REVISION

DATE

NO.

REVISION

DATE

TO ANCHORAGE

TOASTOOL DR

ALYESKA HWY

ALYESKA HIGHWAY

TO GIRDWOOD

GLACIER CREEK

SEWARD HWY

TO SEWARD

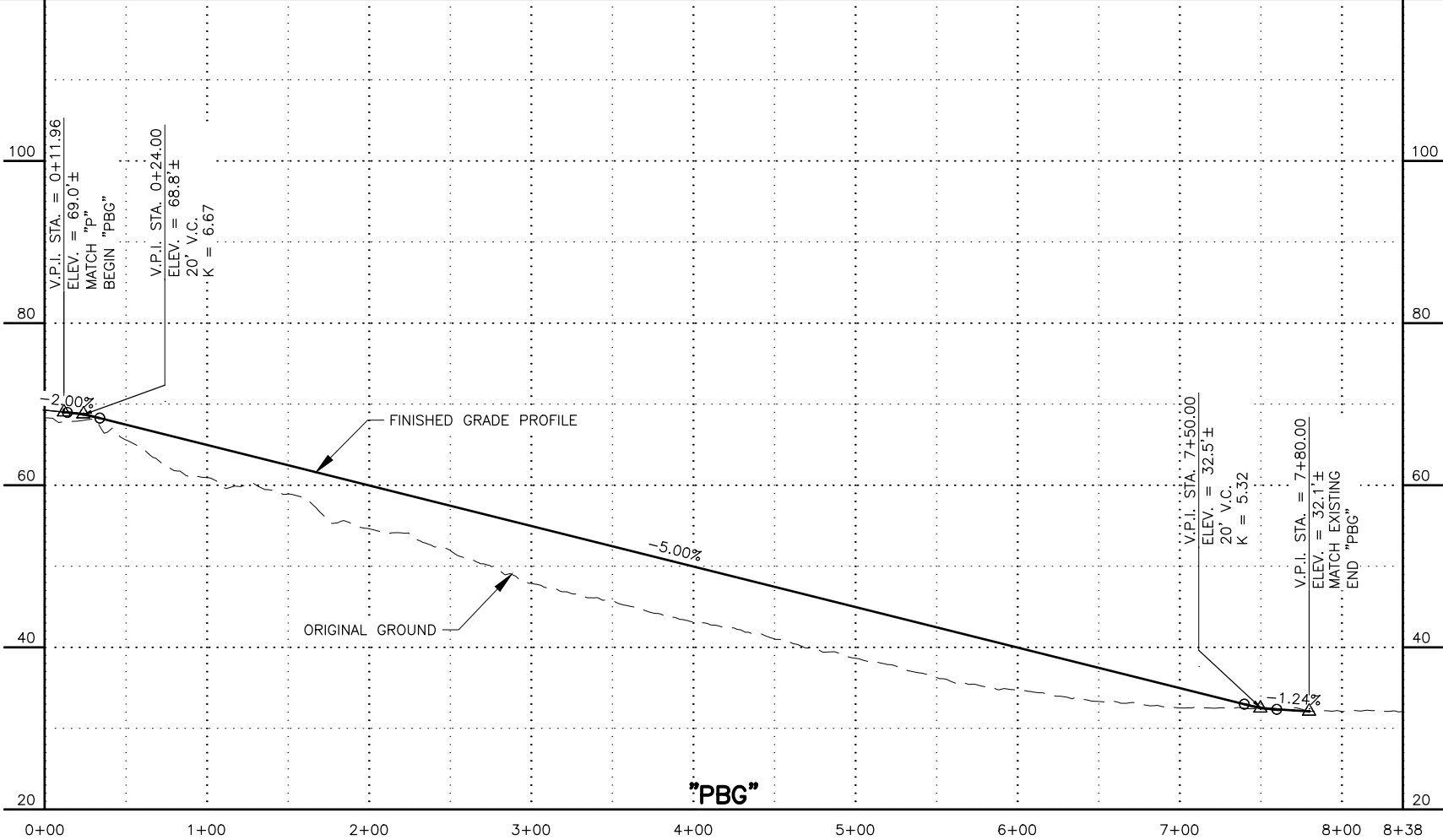
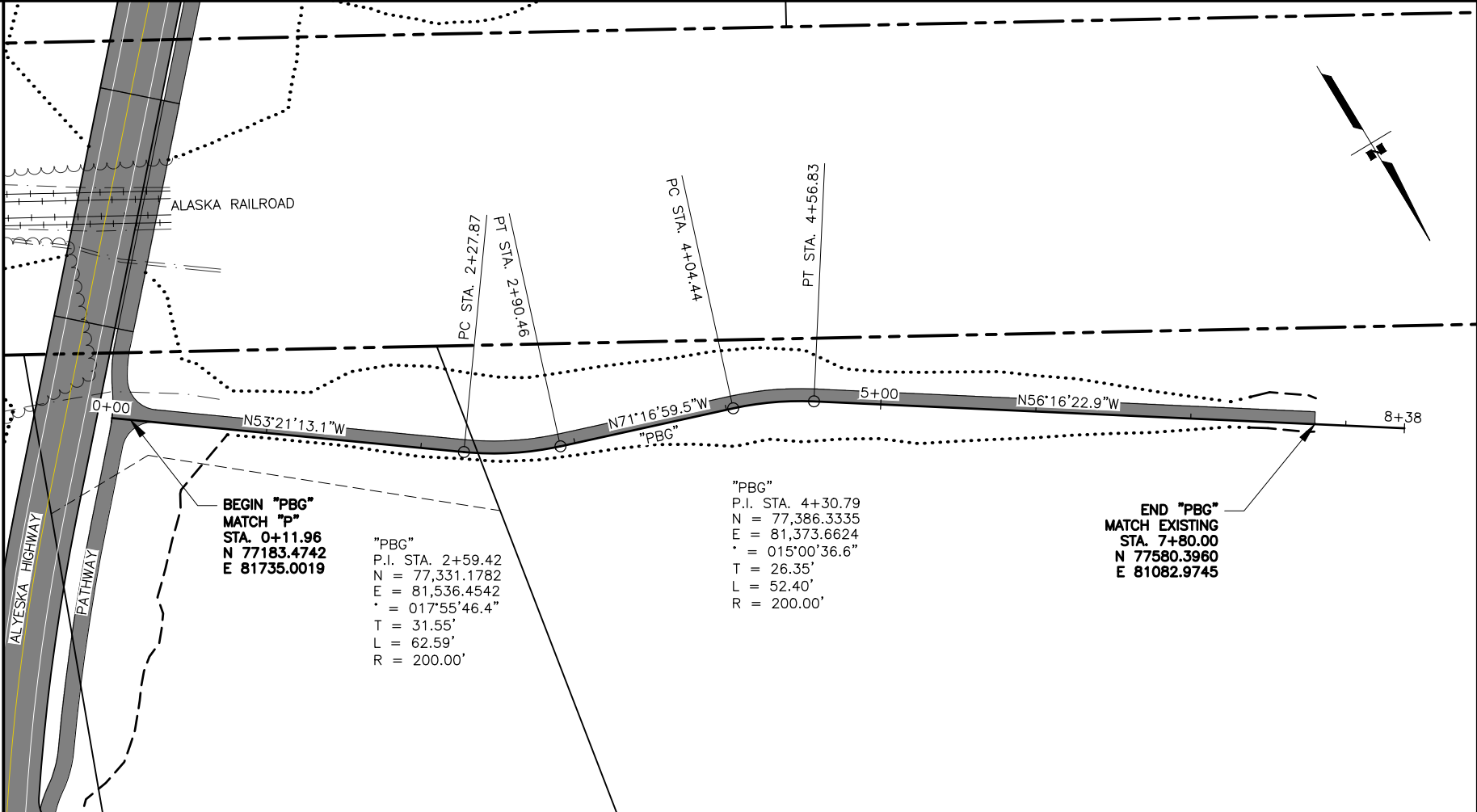
THIS SHEET

R&M CONSULTANTS, INC.
9101 VANGUARD DRIVE
ANCHORAGE, AK 99507
(907) 522-1707
CERT. OF AUTH. NO. AECC111

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

SEWARD HWY & ALYESKA HWY
INTERSECTION IMPROVEMENTS

PLAN & PROFILE
"P" STA 416+00 TO
"P" STA 423+00

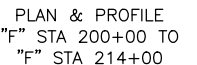
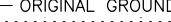
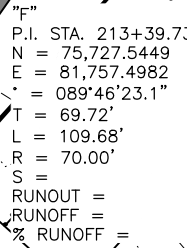


SHEET NO.	TOTAL SHEETS
F16	F18
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
TBD/ Z546190000	
NO.	REVISION
DATE	
NO.	REVISION
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NO.	REVISION
DATE	

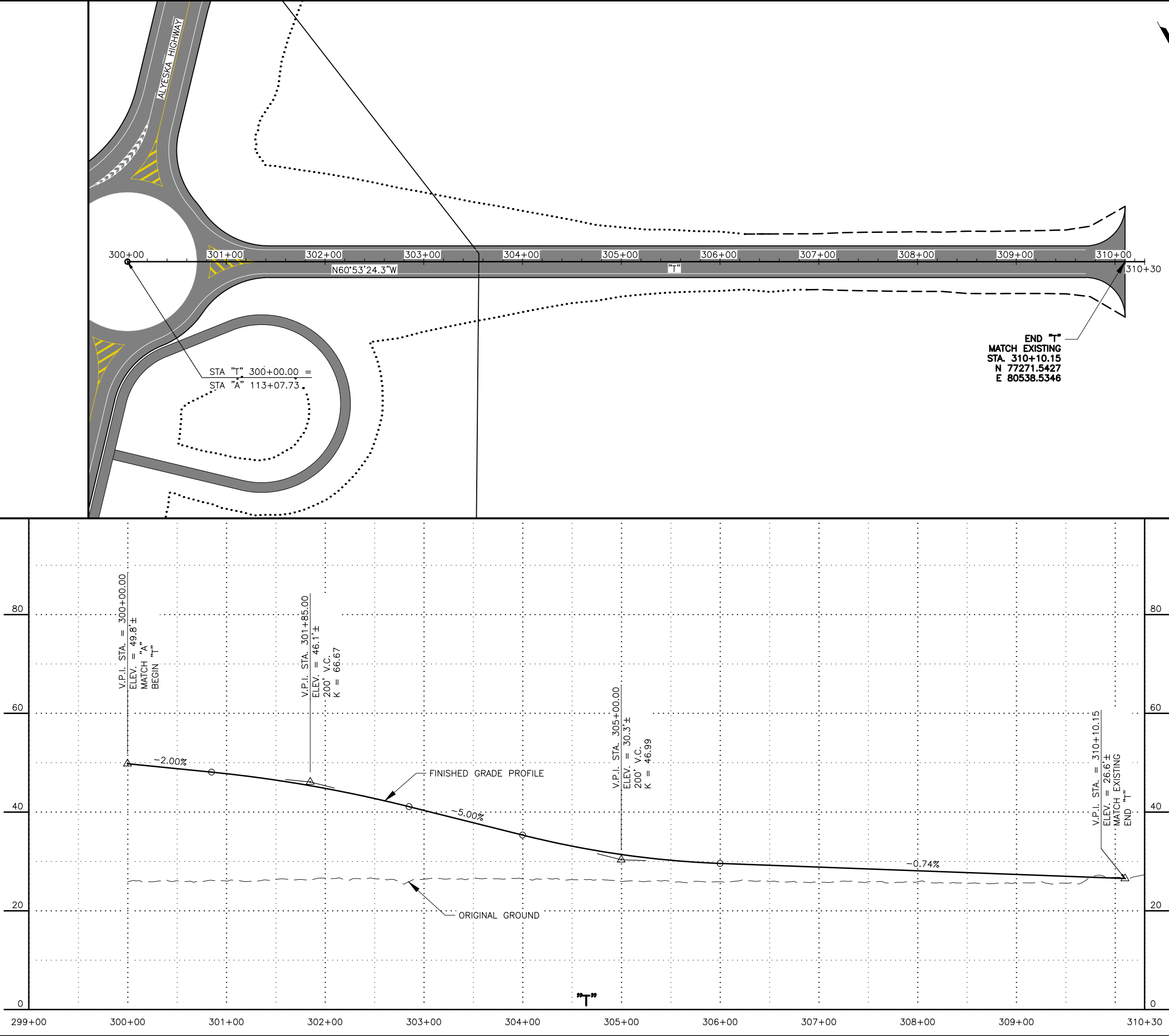
R&M CONSULTANTS, INC.
9101 VANGUARD DRIVE
ANCHORAGE, AK 99507
(907) 522-1707
CERT. OF AUTH. NO. AECC111

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SEWARD HWY & ALYESKA HWY
INTERSECTION IMPROVEMENTS

PLAN & PROFILE
"PBG" STA 0+00 TO
"PBG" STA 7+80



FILE Z:\PROJECT\2860.01 DOT_C SEWARD HWY AND ALYESKA HWY\CIVIL\ACAD\54619-F-FRONTAGE ROADS.DWG DATE/TIME 9/26/2022 1:50 PM LAYOUT F18 DESIGNED CHECKED DRAFTED



SHEET NO.	TOTAL SHEETS
F18	F18
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
TBD/ Z546190000	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

TO ANCHORAGE
THIS SHEET
TOADSTOOL DR
ALYESKA HWY
TO GIRDWOOD
GLACIER CREEK
SEWARD HWY
TO SEWARD

STATE OF ALASKA
CONCEPT DESIGN
SEPTEMBER 2022
0000
REGISTERED PROFESSIONAL ENGINEER

R&M CONSULTANTS, INC.
9101 VANGUARD DRIVE
ANCHORAGE, AK 99507
(907) 522-1707
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STATE OF ALASKA
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AND PUBLIC FACILITIES
SEWARD HWY & ALYESKA HWY
INTERSECTION IMPROVEMENTS

PLAN & PROFILE
"T" STA 300+00 TO
"T" STA 311+00