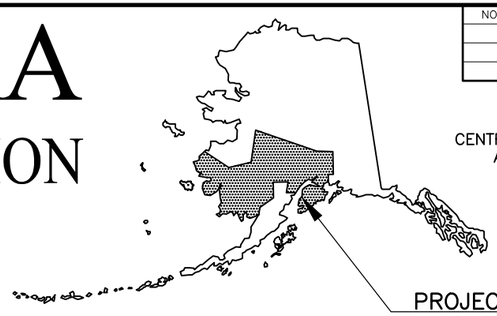
DESIGNED BY	A.L.H.
CHECKED BY	A.L.H.
DRAFTED BY	D.L.P.
SCALE	N/A
DATE	4/7/2022
TIME	11:00 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_A1&A2.DWG

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES



NO.	DATE	REVISION

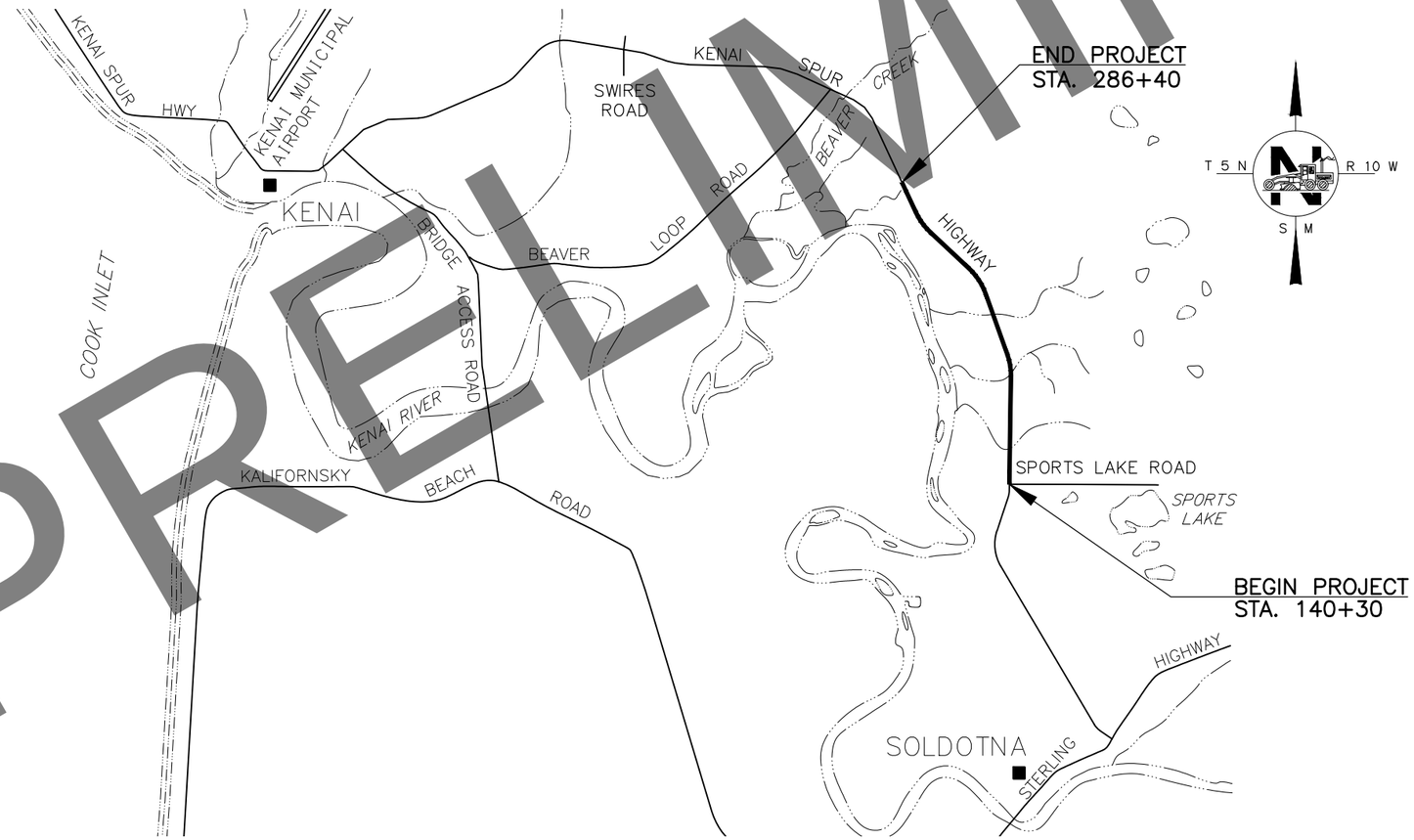
STATE	PROJECT DESIGNATION		YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253		2022	A1	A4
CDS ROUTE	117600	MILEPOINT	2.4 – 5.1		
LATITUDE	30.051100	LONGITUDE	–151.103161		

PROPOSED HIGHWAY PROJECT

KENAI SPUR HIGHWAY REHABILITATION: SPORTS LAKE ROAD TO SWIRES ROAD - PHASE II

PROJECT NO. 0221(019)/CFHWY00253

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



PRELIMINARY

PROJECT SUMMARY		
ROADWAY	WIDTH	LENGTH
KENAI SPUR HIGHWAY	78 FT	2.7 MILES

DESIGN DESIGNATIONS	
	KENAI SPUR HIGHWAY
FUNCTIONAL CLASS	RURAL PRINCIPAL ARTERIAL
AADT (2017)	11,009
AADT (2037)	13,620
DESIGN SPEED (V) (MPH)	60
DHV (2017)	11.4
DHV (2037)	11.4
T-PERCENT COMMERCIAL TRUCKS (%)	9.52
D-DIRECTIONAL DISTRIBUTION (%)	50/50

CERTIFICATION
APRIL 2022

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

APPROVED:

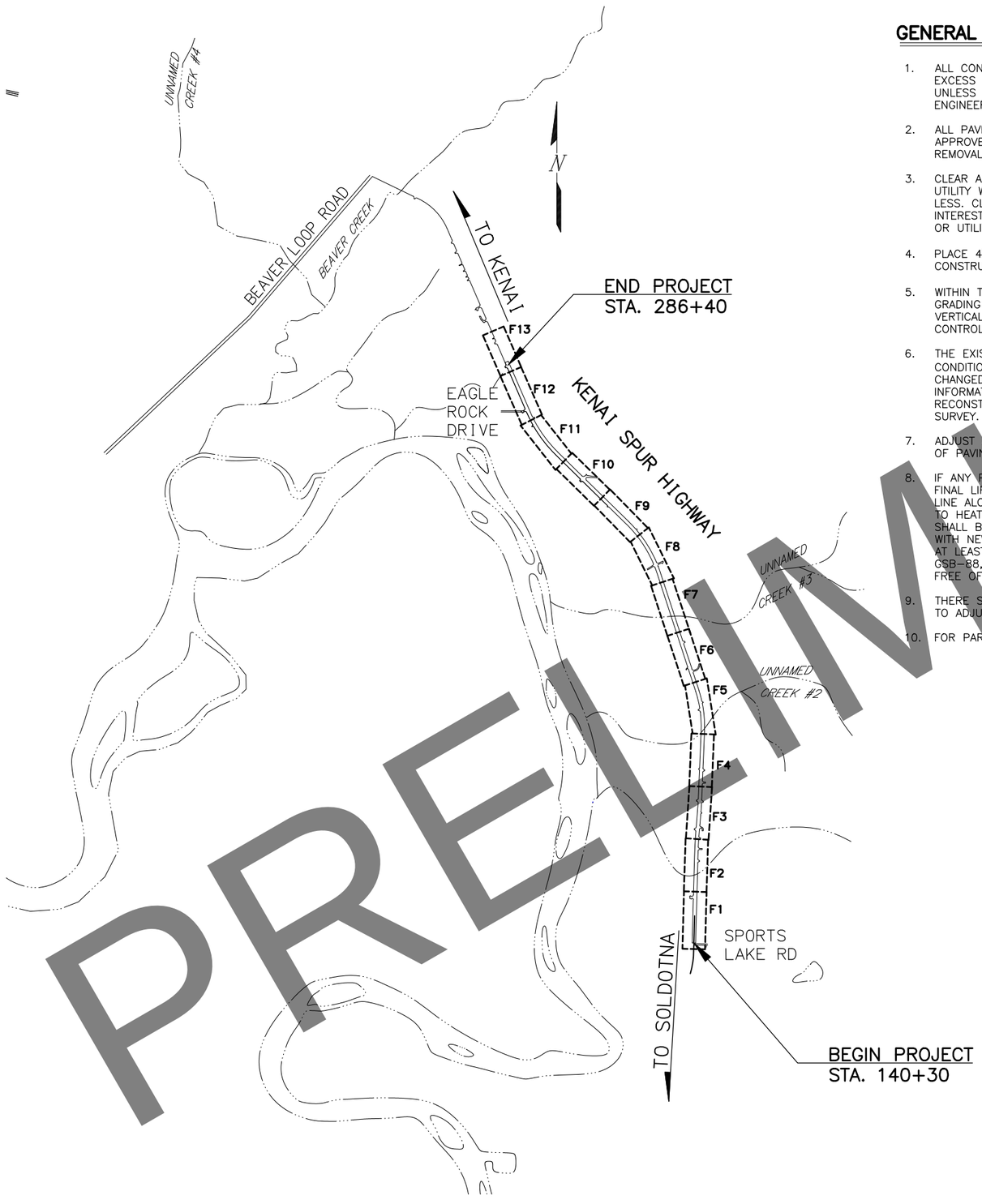
REGIONAL PRECONSTRUCTION ENGINEER DATE

CONCUR:

REGIONAL CONSTRUCTION ENGINEER DATE

NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	A2	A4



GENERAL NOTES:

1. 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.
2. ALL PAVEMENT CUTS SHALL BE MADE WITH A SAW OR ALTERNATE METHOD APPROVED BY THE ENGINEER. PAVEMENT CUTS ARE SUBSIDIARY TO THE REMOVAL OF PAVEMENT ITEM.
3. CLEAR AND GRUB 10 FEET BEYOND SLOPE CATCH POINTS, LIMITS OF UTILITY WORK, OR TO THE EDGE OF RIGHT-OF-WAY LINE, WHICHEVER IS LESS. CLEAR AND GRUB 5 FEET BEYOND SLOPE LIMITS WITHIN TEMPORARY INTEREST AREAS. DO NOT DISTURB BEYOND CLEARING & GRUBBING LIMITS OR UTILITY WORK LIMITS.
4. PLACE 4" TOPSOIL AND SEED ON ANY AREAS DISTURBED BY CONSTRUCTION AND AS DIRECTED BY THE ENGINEER.
5. WITHIN TWO (2) DAYS AFTER PAVING, PLACE AGGREGATE BASE COURSE, GRADING D-1 AGAINST PAVEMENT EDGE TO ENSURE THERE IS NO VERTICAL DROP AT THE EDGE OF PAVEMENT. USE APPROVED TRAFFIC CONTROL DEVICES IN THE INTERIM.
6. THE EXISTING INFORMATION SHOWN IN THE PLANS IS FROM SURVEY. FIELD CONDITIONS MAY NOT BE ACCURATELY REPRESENTED AND/OR MAY HAVE CHANGED. ADJUST INSTALLATIONS AS DIRECTED BY THE ENGINEER. EXISTING INFORMATION FROM STATION 275+00 TO 296+00 IS FROM KENAI SPUR RECONSTRUCTION – PHASE I PROPOSED DESIGN, NOT AS-BUILT OR SURVEY.
7. ADJUST ALL PAVEMENT PENETRATIONS TO FINAL GRADE PRIOR TO TOP LIFT OF PAVING.
8. IF ANY PAVEMENT PENETRATION REQUIRES GRADE ADJUSTMENT AFTER FINAL LIFT PAVING, AS DETERMINED BY THE ENGINEER, SAW CUT A NEAT LINE ALONG THE PAVEMENT TO BE REMOVED. USE AN INFRARED HEATER TO HEAT THE EXISTING PAVEMENT; EQUIPMENT AND MAXIMUM TEMPERATURE SHALL BE APPROVED BY THE ENGINEER. REPLACE THE REMOVED ASPHALT WITH NEW HOT MIX ASPHALT AND THOROUGHLY COMPACT. SEAL JOINTS, AT LEAST 12 INCHES WIDE CENTERED ON JOINT, USING ASPHALT SYSTEMS GSB-88, OR APPROVED EQUAL, WHILE THE HOT MIX ASPHALT IS CLEAN, FREE OF MOISTURE AND PRIOR TO STRIPING.
9. THERE SHALL BE NO PAYMENT FOR ADDITIONAL WORK CAUSED BY FAILURE TO ADJUST PAVEMENT PENETRATIONS TO FINAL GRADE.
10. FOR PARALLEL GUARDRAIL TERMINALS, USE AN END OFFSET OF 2 FEET.

INDEX

SHEET NO.	DESCRIPTION
A1	TITLE SHEET
A2	SHEET LAYOUT, INDEX, AND GENERAL NOTES
A3	LEGEND
A4	SURVEY CONTROL SHEETS
B1-B6	TYPICAL SECTIONS
C1-C2	ESTIMATE OF QUANTITIES
D1-D8	SUMMARY TABLES
E1-E9	DETAIL SHEETS
F1-F27	PLAN AND PROFILE SHEETS
H1-H21	SIGNING, AND STRIPING
R1-R15	RIGHT-OF-WAY MAPS

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, D-07.00, D-30.11, D-31.01,
G-00.05, G-05.11S, G-05.11W, G-10.20, G-20.12,
M-20.15,
S-00.12, S-05.02, S-30.05, S-31.02, S-32.02,
T-21.04, T-22.04, T-25.10

ABBREVIATIONS:

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 DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

SHEET LAYOUT, INDEX, AND GENERAL NOTES

PRELIMINARY

DESIGNED BY ALH
CHECKED BY ALH
DRAFTED BY DLP

SCALE N/A

DATE TIME
4/26/2022 10:16 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_A1&A2.DWG

DESIGNED BY	CHECKED BY	DRAFTED BY
ALH	ALH	DLP

SCALE
N/A

DATE	TIME
4/26/2022	10:16 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_A03_LGND.DWG

NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	A3	A4

ROADWAY

	EXISTING	PROPOSED
EDGE OF PAVEMENT		
LIMIT OF CUT SLOPE & FILL SLOPE		CUT / FILL
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		
GUARDRAIL BURIED-IN-BACKSLOPE END		
ROADWAY OBLITERATION		
FENCE	X X	X X
STONE FENCE		
NOISE BARRIER	====X====X	====X====X
RETAINING WALL		
HEADWALL & WINGWALL		
BOTTOM OF DITCH		
SPECIAL DITCH		
FLAT BOTTOM DITCH		
BERM		
RIPRAP		
BOULDER OR BOULDERS		
PRIVATE SIGN, MAILBOX	MB	MB
POST, BOLLARD		
AGGREGATE SURFACE COURSE		
DITCH LINING		
TURF REINFORCEMENT MAT		

UTILITIES

	EXISTING	PROPOSED
STORM DRAIN	SD	
STORM DRAIN MANHOLE, CLEANOUT	SD CO	SD CO
CURB INLET CATCH BASIN FIELD INLET CATCH BASIN	FI	FI
PIPE CULVERT WITH END SECTION		
SANITARY SEWER	SS	SS
SANITARY SEWER MANHOLE, CLEANOUT	SS CO	SS CO
SEPTIC VENT, SEWER SERVICE CONNECTION	S	
WATER	W	W
FIRE HYDRANT, VALVE OR RISER		
WELL, WATER SERVICE CONNECTION	W	
NATURAL GAS	G G	
OIL OR GASOLINE PIPELINE	O O	
TANKS (ABOVE GROUND, UNDERGROUND)	U	
ELECTRIC	OE (OVERHEAD) UE (UNDERGROUND) OE&OT (OVERHEAD)	
UTILITY POLE, POLE WITH LUMINAIRE		
GUY POLE, GUY WIRE ANCHOR	GP	
TRANSMISSION TOWER (WOOD, STEEL)		
ELECTRIC PEDESTAL, TRANSFORMER	E	
ELECTRIC MANHOLE, METER	E	
ELECTRIC OUTLET, LANDSCAPE LIGHT		
TELEPHONE	OT (OVERHEAD) UT (UNDERGROUND) UT&TV (UNDERGROUND)	
TELEPHONE MANHOLE, PEDESTAL	T	
FIBER OPTIC	FO	
FIBER OPTIC MANHOLE	FO	
CABLE TV	OTV (OVERHEAD) UTV (UNDERGROUND)	
CABLE TV PEDESTAL, SATELLITE DISH		
UNDERGROUND DUCT, UTILIDOR (ELECTRIC, TELEPHONE, FIBER OPTIC)		
VENT		

TOPOGRAPHY

	EXISTING	EXISTING	PROPOSED
LAKE OR POND, WETLANDS	LAKE/POND	CONTOUR, MAJOR OR MINOR	520
TREE (CONIFER/DECIDUOUS) TREELINE (EDGE OF VEGETATION)		DRAINAGE FLOW	
PLANTER	P	CREEK (CENTERLINE)	
BUILDING OR FOUNDATION		RIVER (EDGE OF WATER)	

TRAFFIC

	EXISTING	PROPOSED
LOAD CENTER		
STATE TRAFFIC, MOA TRAFFIC, & BEACON CONTROLLER ARROW INDICATES DOOR LOCATION		
TYPE 1A, II, III, IV JUNCTION BOX	15 26 37 48	60 ## ## ##
FIBER OPTIC VAULT	F/O 59	F/O #
ELECTROLIER	12 99	78 13
HIGHTOWER	HT#	HT#
SIGNAL POLE WITH MASTARM	49	14
PEDESTRIAN PUSH BUTTON & SIGNAL	68 12	12
VEHICULAR SIGNAL	44	
VEHICULAR SIGNAL LEFT & RIGHT	65 24	12
OPTICAL, CAMERA, RADAR, AND GPS DETECTOR	CAM RAD GPS	CAM RAD GPS
LOOP DETECTOR	555	735
COMMUNICATION ANTENNA		
MASTARM BEACON		
RURAL & SCHOOL ZONE BEACON	75 77 72 55 76 65 72 45	
LOOP DETECTOR CONDUIT		
SIGNAL CONDUIT	TR	TR
LIGHTING CONDUIT	LTG	LTG
SIGNAL & LIGHTING CONDUIT	T/L	T/L
CONDUIT BORING		
CONDUIT SIZE IN INCHES	2"-3C4	2" 1-3C4 CKT BA12 CKT BA13
INTERCONNECT	I/C	I/C
SIGN POST		22

PAVEMENT MARKINGS

	PROPOSED
TRAFFIC PROJECT CENTERLINE	
8" & 4" WHITE SOLID STRIPE	8"W 4"W
4" WHITE SKIP STRIPE 10' STRIPES AND 30' SPACES	4"W SKIP
8" WHITE LANE GUIDE SKIP LANE CONTINUATION OR TURN SKIP 1' STRIPES AND 3' SPACES	8"W GUIDE SKIP
8" & 4" YELLOW SOLID STRIPE	8"Y 4"Y
4" YELLOW SKIP STRIPE 10' STRIPES AND 30' SPACES	4"Y SKIP
STRIPING CHANGE STATION INTERVAL	+20
2' CROSSWALK OR STOPBAR	24"W (TYP)
LADDER CROSSWALK LAYOUT 2' WIDE RUNGS WITH 2' SPACES ALIGNED TO AVOID TIRE PATHS	10'
TYPICAL PAINTED MEDIAN	12' (2)-4"Y 3" APART VARIES 18"Y @ 45°

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	RCM	
PRIMARY GPS CONTROL POINT	GPS	
HORIZONTAL CONTROL POINT	CP	
SECONDARY CONTROL POINT	SCP	
VERTICAL BENCHMARK	BM	
TEMPORARY BENCHMARK	TBM	

TOWNSHIP AND RANGE LINES	T13N T12N R2W R3W
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	

PRELIMINARY

STATE OF ALASKA
AARON HUNTING
CE 106601
REGISTERED PROFESSIONAL ENGINEER
49TH

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

LEGEND DETAIL

NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	A4	A4

DESIGNED BY ALH
CHECKED BY ALH
DRAFTED BY DLP

SCALE N/A

DATE 4/26/2022 TIME 10:16 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_A03_LGND.DWG

RESERVED FOR SURVEY CONTROL SHEET

PRELIMINARY

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

SURVEY CONTROL PLACEHOLDER

NO.	DATE	REVISION

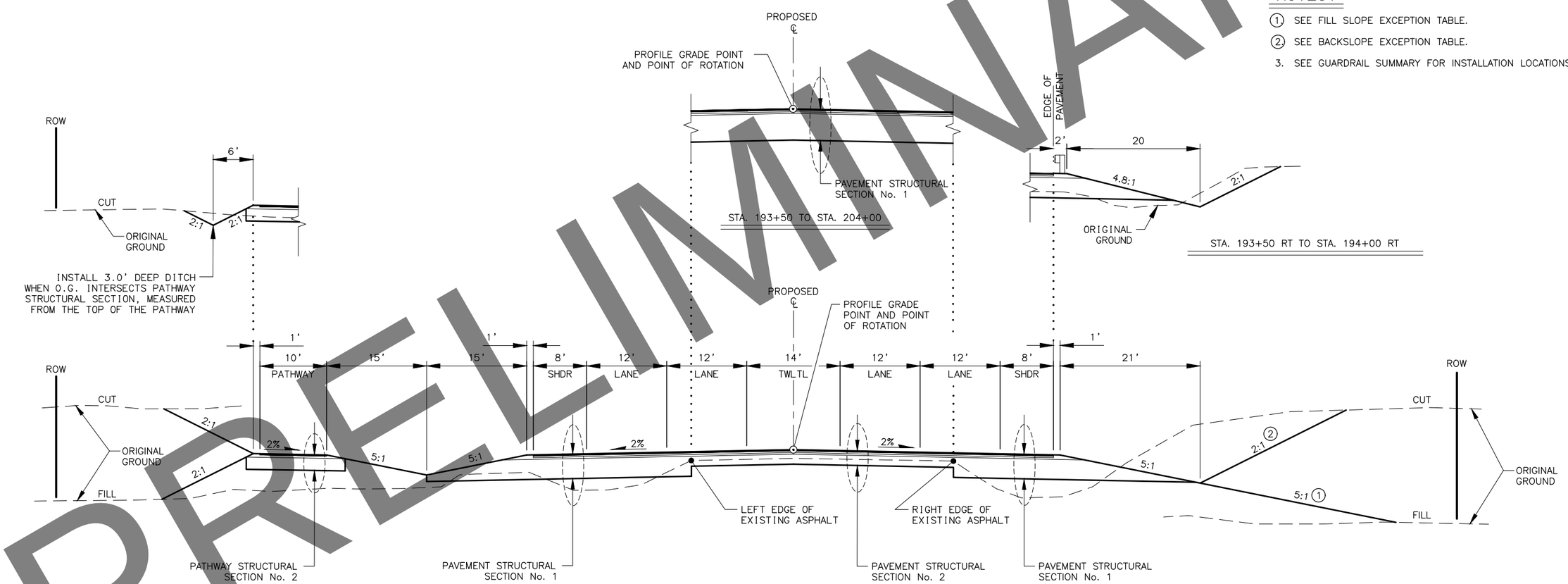
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	B1	B6

GENERAL B SHEET NOTES:

1. SEE PAVEMENT STRUCTURAL SECTIONS & SLOPE EXCEPTIONS SHEET FOR STRUCTURAL SECTION MATERIALS AND THICKNESSES.
2. TRANSITION LONGITUDINALLY AT 10:1 BETWEEN PAVEMENT STRUCTURAL SECTION 1 AND 2.
3. PLACE GEOGRID REINFORCEMENT BELOW THE ROADWAY STRUCTURAL SECTION SELECTED MATERIAL, TYPE A, IN LOCATIONS SHOWN ON THE SUMMARY TABLES.
4. ROTATE THE PATHWAY ABOUT ITS RIGHT HINGE OVER A 20-FOOT MIN. LONGITUDINAL DISTANCE WHEN ALTERNATING BETWEEN TYPICAL SECTIONS WITH OPPOSITE CROSS-SLOPE DIRECTIONS.
5. INSTALL TURF REINFORCEMENT MAT ON 1.5:1 SLOPES. SEE SUMMARY TABLES FOR LOCATIONS.
6. BENCH EMBANKMENT SLOPE ACCORDING TO SECTION 203-3.03.
7. FINISH GRADE SHOWN IS TOP OF TOPSOIL ON UNPAVED AND GRAVEL SURFACES.

NOTES:

1. SEE FILL SLOPE EXCEPTION TABLE.
2. SEE BACKSLOPE EXCEPTION TABLE.
3. SEE GUARDRAIL SUMMARY FOR INSTALLATION LOCATIONS.



KENAI SPUR HIGHWAY

STA. 193+50 TO STA. 204+00
STA. 224+00 TO STA. 228+00
STA. 232+50 TO STA. 241+00
STA. 254+00 TO STA. 262+00

STATE OF ALASKA 49TH CERT AARON J. HUNTING CE 106601 REGISTERED PROFESSIONAL ENGINEER

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

TYPICAL SECTIONS

DESIGNED BY ALH
CHECKED BY ALH
DRAFTED BY DLP
SCALE N/A
DATE 4/26/2022 TIME 10:16 AM
DRAWING LOCATION W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_B1-B6_TYP.DWG

PRELIMINARY

NO.	DATE	REVISION

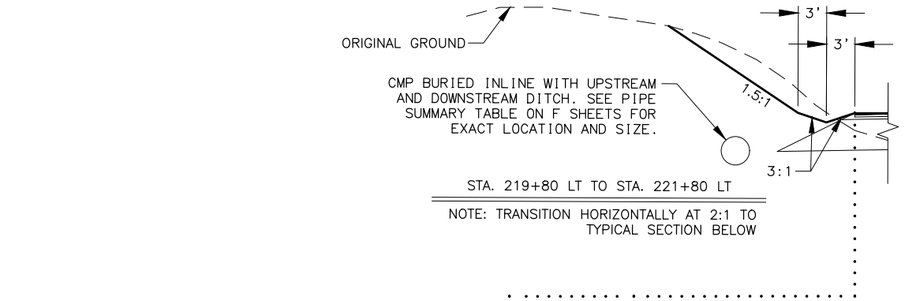
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	B2	B6

DESIGNED BY A.L.H.
CHECKED BY A.L.H.
DRAFTED BY D.L.P.

SCALE N/A

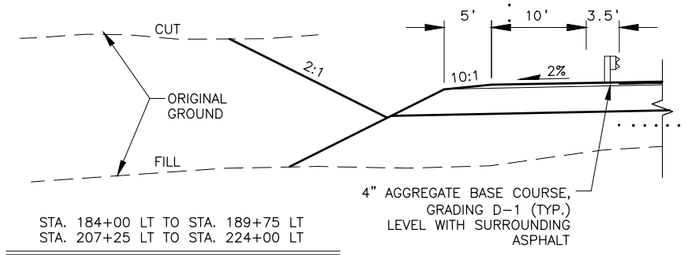
DATE TIME 4/26/2022 10:16 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_B1-B6_TYP.DWG

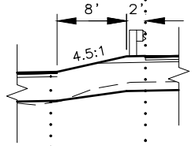


STA. 219+80 LT TO STA. 221+80 LT

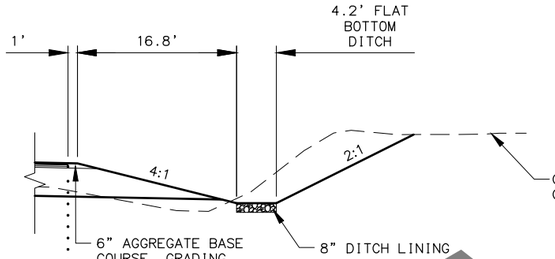
NOTE: TRANSITION HORIZONTALLY AT 2:1 TO TYPICAL SECTION BELOW



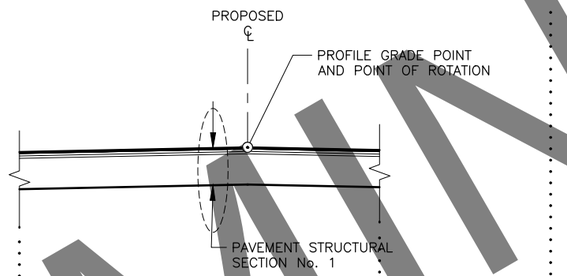
STA. 184+00 LT TO STA. 189+75 LT
STA. 207+25 LT TO STA. 224+00 LT



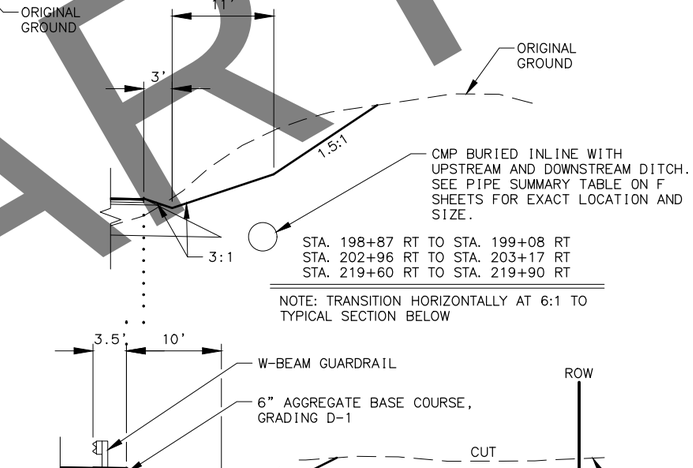
STA. 189+75 LT TO STA. 192+88 LT
STA. 206+75 LT TO STA. 207+25 LT



STA. 180+00 RT TO STA. 183+63 RT



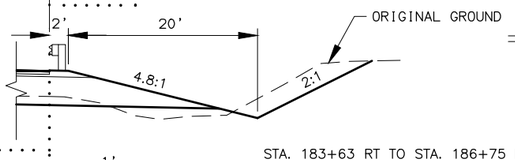
STA. 174+00 TO STA. 193+50
STA. 204+00 TO STA. 224+00



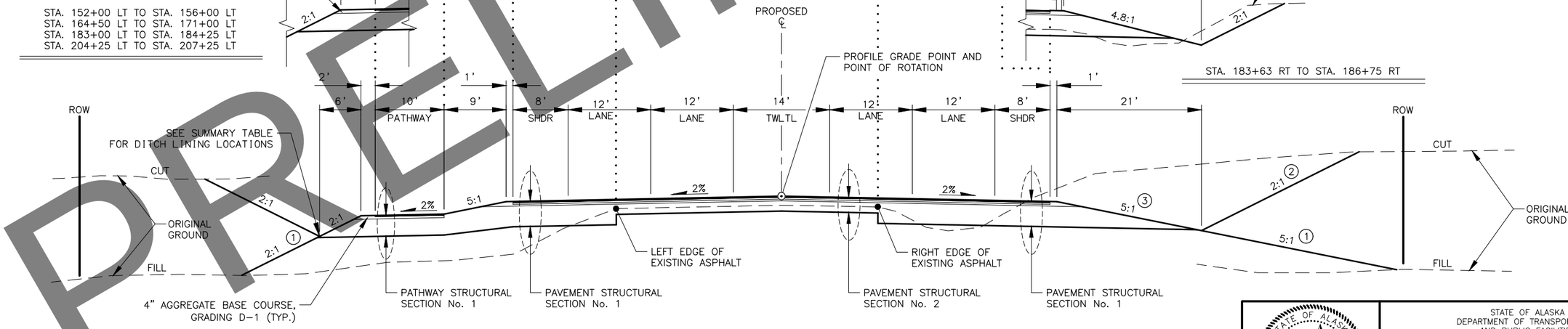
STA. 198+87 RT TO STA. 199+08 RT
STA. 202+96 RT TO STA. 203+17 RT
STA. 219+60 RT TO STA. 219+90 RT

NOTE: TRANSITION HORIZONTALLY AT 6:1 TO TYPICAL SECTION BELOW

STA. 186+75 RT TO STA. 193+50 RT
STA. 215+50 RT TO STA. 222+00 RT



STA. 183+63 RT TO STA. 186+75 RT



KENAI SPUR HIGHWAY

STA. 151+00 TO STA. 193+50
STA. 204+00 TO STA. 224+00
STA. 228+00 TO STA. 232+50
STA. 241+00 TO STA. 254+00
STA. 262+00 TO STA. 275+00

NOTES:

1. SEE FILL SLOPE EXCEPTION TABLE.
2. SEE BACKSLOPE EXCEPTION TABLE.
3. SEE FORESLOPE EXCEPTION TABLE.
4. SEE GUARDRAIL SUMMARY FOR INSTALLATION LOCATIONS.
5. SEE PIPE HAND RAIL SUMMARY TABLE FOR INSTALLATION LOCATIONS.

PRELIMINARY

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

TYPICAL SECTIONS

NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	B3	B6

DESIGNED BY ALH
CHECKED BY ALH
DRAFTED BY DLP

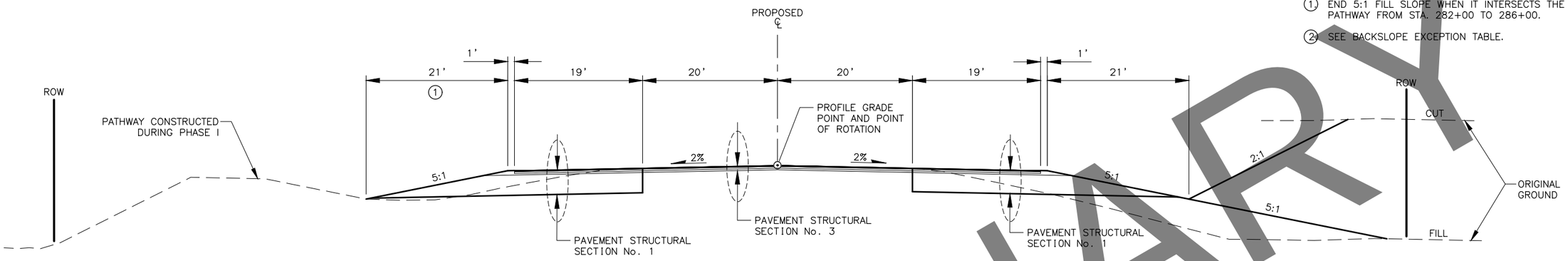
SCALE N/A

DATE 4/26/2022 TIME 10:16 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_B1-B6_TYP.DWG

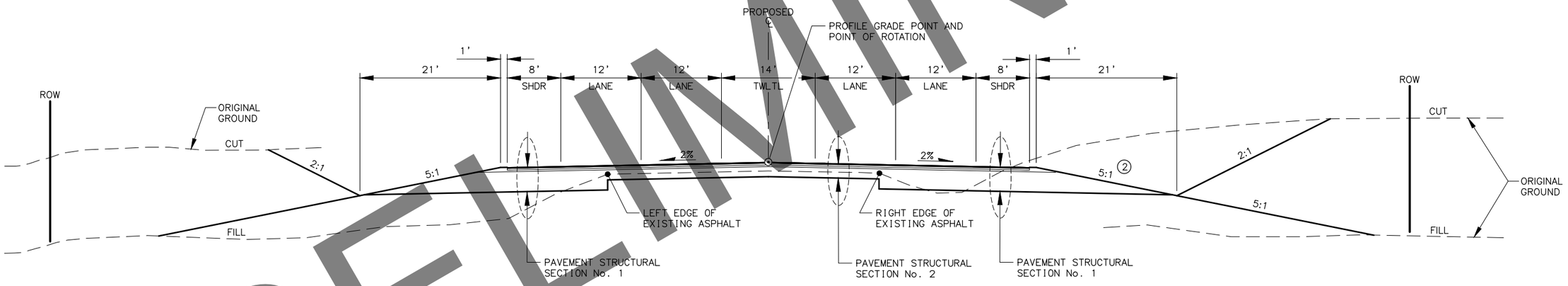
NOTES:

1. END 5:1 FILL SLOPE WHEN IT INTERSECTS THE PATHWAY FROM STA. 282+00 TO 286+00.
2. SEE BACKSLOPE EXCEPTION TABLE.



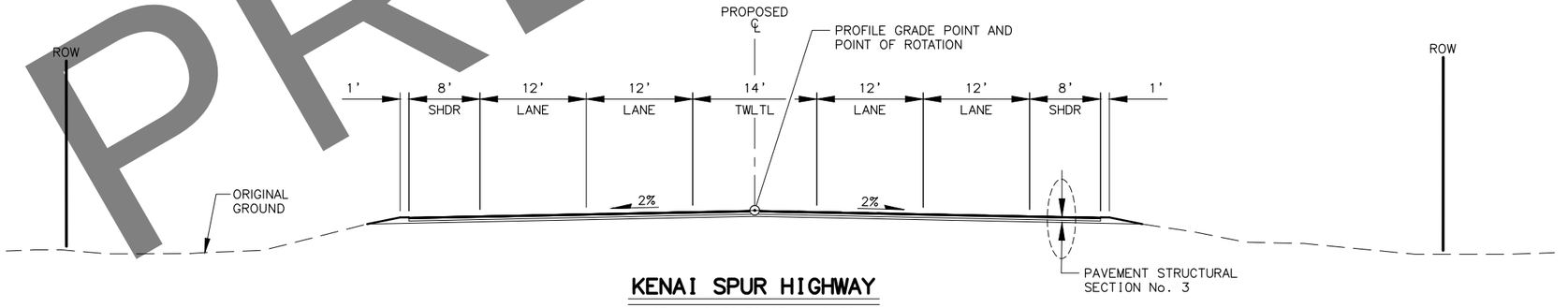
KENAI SPUR HIGHWAY

STA. 275+00 TO STA. 286+40, KENAI SPUR HWY PHASE I TAPER REMOVAL



KENAI SPUR HIGHWAY

STA. 146+50 TO STA. 151+00



KENAI SPUR HIGHWAY

STA. 140+30 TO STA. 146+50

PRELIMINARY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

TYPICAL SECTIONS

STATE OF ALASKA
49TH
AARON HUNTING
PE 106601
REGISTERED PROFESSIONAL ENGINEER
EXPIRES

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	B4	B6

DESIGNED BY	A.L.H.
CHECKED BY	A.L.H.
DRAFTED BY	D.L.P.

SCALE: N/A

DATE TIME: 4/26/2022 10:16 AM

DRAWING LOCATION: W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_B1-B6_TYP.DWG

FILL SLOPE EXCEPTION TABLE

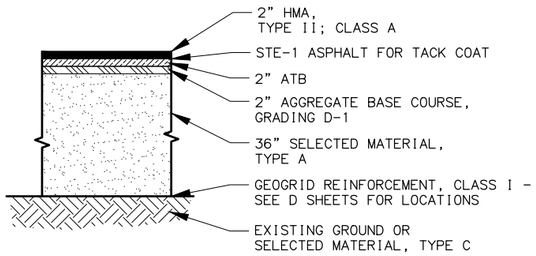
STATION TO STATION		OFFSET	SLOPE
FROM	TO		
151+00	155+00	RT	2:1
252+50	253+50	RT	2:1
263+00	265+50	LT	3:1
240+50	243+50	RT	3:1

BACKSLOPE EXCEPTION TABLE

STATION TO STATION		OFFSET	SLOPE
FROM	TO		
180+00	181+50	RT	1.5:1
191+00	193+50	LT	1.5:1
198+50	199+50	RT	1.5:1
219+00	220+00	LT	1.5:1

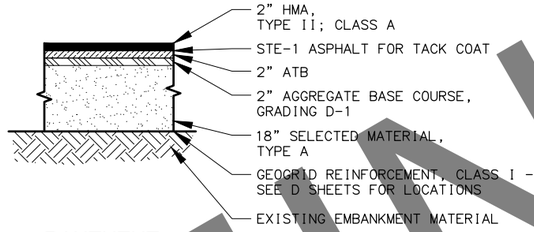
FORESLOPE EXCEPTION TABLE

STATION TO STATION		OFFSET	SLOPE
FROM	TO		
150+50	155+50	RT	7:1



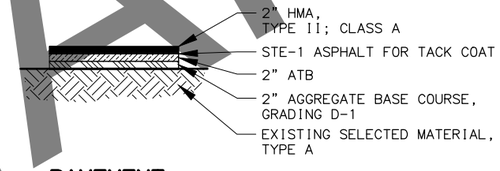
PAVEMENT STRUCTURAL SECTION No. 1

N.T.S.



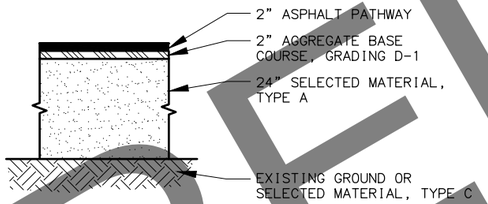
PAVEMENT STRUCTURAL SECTION No. 2

N.T.S.



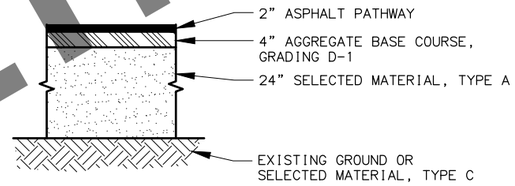
PAVEMENT STRUCTURAL SECTION No. 3

N.T.S.



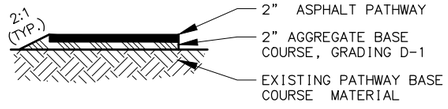
PATHWAY STRUCTURAL SECTION No. 1

N.T.S.



PATHWAY STRUCTURAL SECTION No. 2

N.T.S.



PATHWAY STRUCTURAL SECTION No. 3

N.T.S.

PRELIMINARY

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

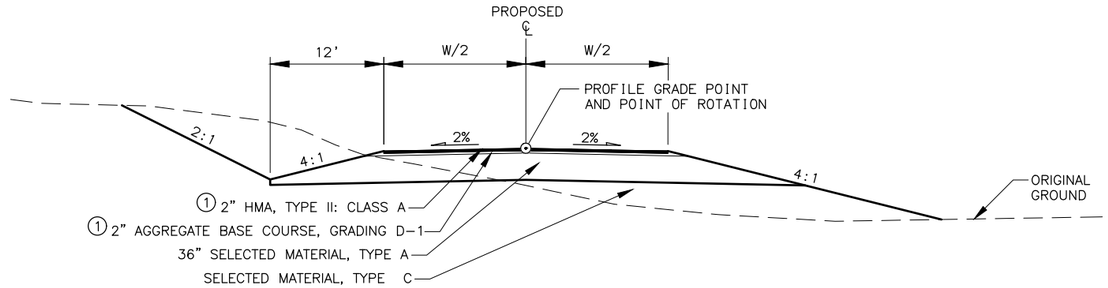
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

TYPICAL SECTIONS

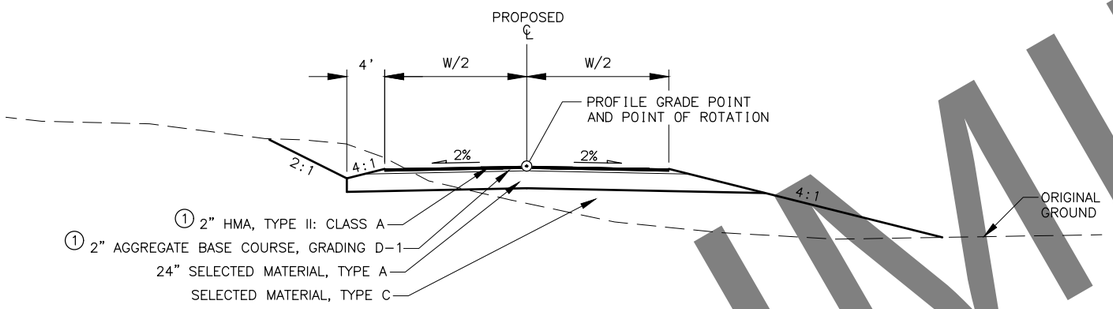
NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	B5	B6



PUBLIC APPROACH

SEE APPROACH EXCEPTION NOTES



RESIDENTIAL OR COMMERCIAL APPROACH

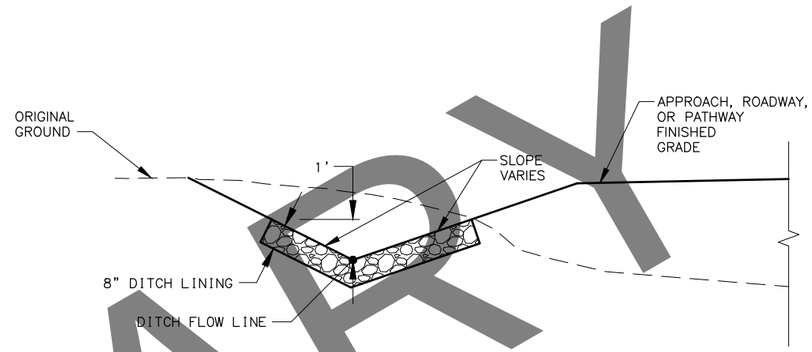
SEE APPROACH EXCEPTION NOTES

APPROACH NOTES:

1. SEE APPROACH SUMMARY TABLE FOR APPROACH WIDTHS (W).
2. SEE SHEET E1 FOR SLOPE EXCEPTIONS WITH THE RADIUS RETURN.

APPROACH EXCEPTION NOTES:

①. FOR UNPAVED APPROACHES (RESIDENTIAL, COMMERCIAL, OR PUBLIC) REPLACE 2" HMA AND 2" D-1 WITH 4" E-1 SURFACE COURSE.



DITCH LINING TYPICAL SECTION

NOTES:

1. MATCH SLOPES ON TYPICAL SECTIONS.
2. SEE DITCH LINING SUMMARY FOR LOCATIONS.

PRELIMINARY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

TYPICAL SECTIONS

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
49TH
AARON HUNTING
CE 106601
REGISTERED PROFESSIONAL ENGINEER
CERT

DESIGNED BY ALH
CHECKED BY ALH
DRAFTED BY DLP

SCALE N/A

DATE TIME
4/26/2022 10:16 AM

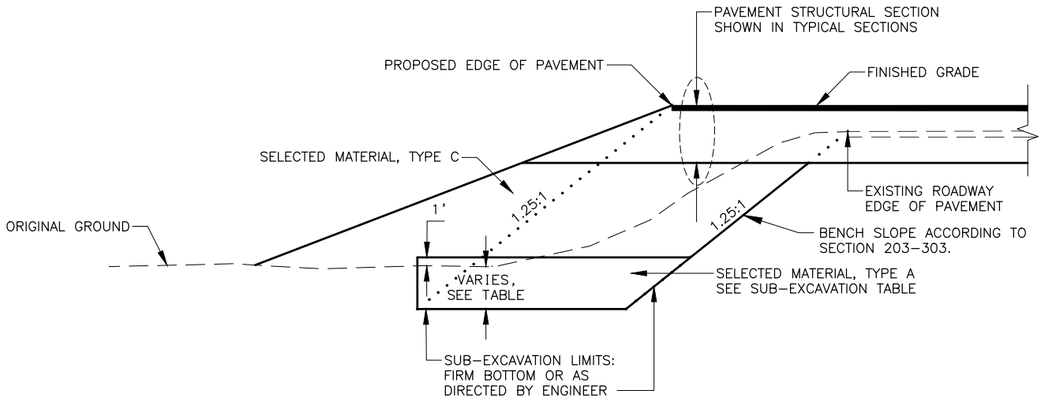
DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_B1-B6_TYP.DWG

NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	B6	B6

NOTES:

1. USE A LONGITUDINAL 10:1 SLOPE TO TRANSITION INTO, OUT OF, AND BETWEEN SUB-EXCAVATION ZONES.
2. SEE F SHEETS FOR PROFILE VIEWS OF SUB-EXCAVATION BOTTOM.



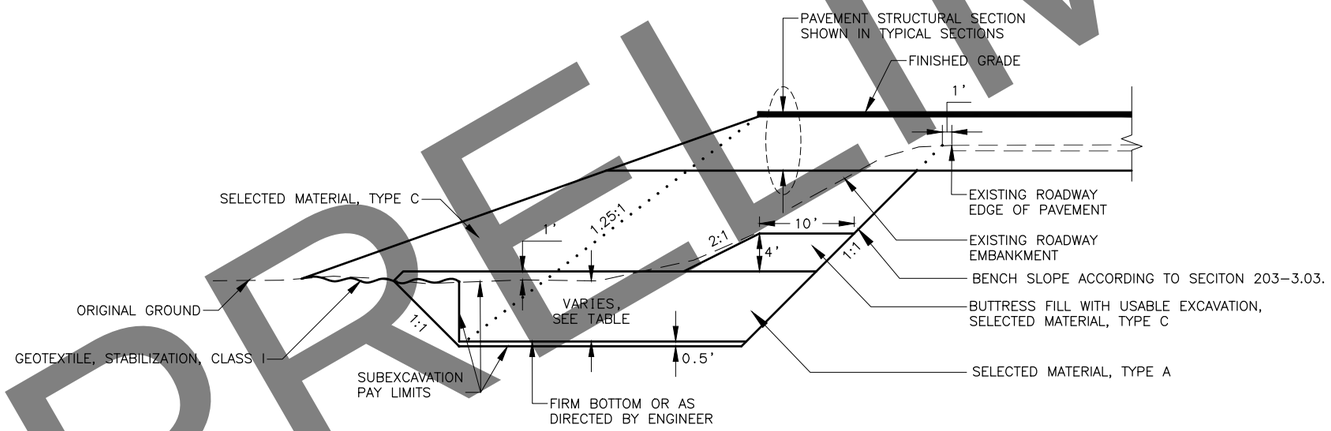
SUB-EXCAVATION DETAIL A

N.T.S.

SUB-EXCAVATION TABLE

SHEET NO.	STATION FROM	STATION TO	OFFSET	SUB-EX DETAIL	SUB-EXCAVATION DEPTH FROM O.G.	REMOVE BENEATH WIDENING SOFT ORGANIC SILT	REMOVE BENEATH WIDENING PEAT
F1,F2	151+50	153+50	RT	B	5.0'	X	
F2	152+50	155+50	LT	B	*5.0'	X	
F3,F4	172+80	176+50	RT	A	2.5'	X	
F3,F4	174+00	177+50	LT	A	6.5'		X
F4,F5	183+50	189+50	LT	B	*5.0'	X	
F4,F5	186+50	192+50	RT	B	5.0'	X	
F6	204+50	206+50	LT	A	5.0'	X	
F6	204+50	208+50	RT	A	6.0'	X	
F6,F7	206+50	217+50	LT	B	VARIES 5.0' TO 15.0'	X	
F8	226+50	235+00	RT	A	2.5'	X	

*ESTIMATED DEPTH – REMOVE AS DIRECTED BY THE ENGINEER



SUB-EXCAVATION DETAIL B

N.T.S.

PRELIMINARY

STATE OF ALASKA 49TH CERT AARON HUNTING CE 106601 REGISTERED PROFESSIONAL ENGINEER

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

SUBEXCAVATION DETAILS

DESIGNED BY ALH
CHECKED BY ALH
DRAFTED BY DLP
SCALE N/A
DATE 4/26/2022 TIME 10:16 AM
DRAWING LOCATION W:\PROJECTS\CFHWY00253 KENAI SPUR HWY – PH.2 – SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_B1-B6_TYP.DWG

NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	C1	C2

DESIGNED BY ALH
CHECKED BY ALH
DRAFTED BY DLP

SCALE N/A

DATE 4/26/2022 TIME 10:16 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_C1-C2_EST.DWG

ESTIMATE OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION	PAY UNIT	TOTAL QUANTITY
201.0002.0000	GRUBBING	ACRE	39
201.0003.0000	CLEARING AND GRUBBING	ACRE	4
202.0001.0000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.S.	ALL REQ'D
202.0002.0000	REMOVAL OF PAVEMENT	S.Y.	81,000
202.0004.0000	REMOVAL OF CULVERT PIPE	L.F.	3,202
202.0006.0000	REMOVAL OF MANHOLE	EACH	1
202.0008.0000	REMOVAL OF INLET	EACH	6
202.2027.0000	CLUSTER MAIL BOX UNIT	EACH	2
203.0003.0000	UNCLASSIFIED EXCAVATION	C.Y.	397,000
203.0006.0000	BORROW	TON	367,000
203.0009.0000	OBLITERATION OF ROADWAY	S.Y.	1,200
206.0002.0000	FILTER BLANKET	TON	83
301.0001.00D1	AGGREGATE BASE COURSE, GRADING D-1	TON	23,600
301.0003.00E1	AGGREGATE BASE COURSE, GRADING E-1	TON	720
306.0001.0000	ATB	TON	14,900
306.0002.5240	ASPHALT BINDER, GRADE PG 52-40V	TON	790
401.0001.002A	HMA, TYPE II; CLASS A	TON	15,300
401.0004.5240	ASPHALT BINDER, GRADE PG 52-40V	TON	810
401.2022.0000	COMBINED PRICE ADJUSTMENT	C.S.	ALL REQ'D
406.0002.0000	RUMBLE STRIPS	STATION	266
501.0001.0000	CLASS A CONCRETE	L.S.	ALL REQ'D
601.0001.0000	METAL FLUME DOWNDRAIN	L.F.	124
603.0001.0072	CSP 72 INCH	L.F.	373
603.0001.0108	CSP 108 INCH	L.F.	289
603.0017.0018	PIPE 18 INCH	L.F.	66
603.0017.0024	PIPE 24 INCH	L.F.	1,200
603.0017.0036	PIPE 36 INCH	L.F.	720
603.0020.0018	END SECTION FOR PIPE 18 INCH	EACH	4
603.0020.0024	END SECTION FOR PIPE 24 INCH	EACH	46
603.0020.0036	END SECTION FOR PIPE 36 INCH	EACH	8
606.0001.0000	W-BEAM GUARDRAIL	L.F.	4,650
606.0006.0000	REMOVING AND DISPOSING OF GUARDRAIL	L.F.	3,600

ESTIMATE OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION	PAY UNIT	TOTAL QUANTITY
606.0013.0000	PARALLEL GUARDRAIL TERMINAL	EACH	8
606.2005.0000	ESSENTIAL REPLACEMENT PARTS	L.S.	1
606.2006.0000	ESSENTIAL REPLACEMENT PARTS - INSTALLATIONS	C.S.	1
607.2008.0000	RELOCATE GATE	EACH	1
608.2002.0000	ASPHALT PATHWAY	TON	1,600
610.0002.0000	DITCH LINING	TON	200
611.0002.0002	RIPRAP, CLASS II	TON	850
611.0002.0003	RIPRAP, CLASS III	TON	340
615.0001.0000	STANDARD SIGN	S.F.	743
615.0002.0000	REMOVE AND RELOCATE SIGN	EACH	6
615.0006.0000	SALVAGE SIGN	EACH	92
618.0002.0000	SEEDING	POUND	2,650
618.0003.0000	WATER FOR SEEDING	MGAL	1,800
619.2002.0000	TURF REINFORCEMENT MAT	S.Y.	3,140
620.0001.0000	TOPSOIL	S.Y.	195,000
630.0002.0001	GEOTEXTILE, STABILIZATION, CLASS 1	S.Y.	7,050
634.0002.0000	GEOGRID, REINFORCEMENT, CLASS I	S.Y.	32,300
639.2000.0000	APPROACH	EACH	31
640.0001.0000	MOBILIZATION AND DEMOBILIZATION	L.S.	ALL REQ'D
640.0004.0000	WORKER MEALS AND LODGING, OR PER DIEM	L.S.	ALL REQ'D
641.0001.0000	EROSION, SEDIMENT AND POLLUTION CONTROL ADMINISTRATION	L.S.	ALL REQ'D
641.0005.0000	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL, BY DIRECTIVE	C.S.	ALL REQ'D
641.0006.0000	WITHHOLDING	C.S.	ALL REQ'D
641.0007.0000	SWPPP MANAGER	L.S.	ALL REQ'D
642.0001.0000	CONSTRUCTION SURVEYING	L.S.	ALL REQ'D
642.0003.0000	THREE PERSON SURVEY PARTY	HOUR	100
642.2006.0000	CONTRACTOR-FURNISHED ENGINEERING TOOLS	C.S.	ALL REQ'D
643.0002.0000	TRAFFIC MAINTENANCE	L.S.	ALL REQ'D
643.0003.0000	PERMANENT CONSTRUCTION SIGNS	L.S.	ALL REQ'D
643.0023.0000	TRAFFIC PRICE ADJUSTMENT	C.S.	ALL REQ'D

PRELIMINARY

STATE OF ALASKA - 49TH - AARON HUNTING - CE 106601 - REGISTERED PROFESSIONAL ENGINEER - JEET

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

ESTIMATE OF QUANTITIES

NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	C2	C2

DESIGNED BY ALH
CHECKED BY ALH
DRAFTED BY DLP

SCALE N/A

DATE TIME 4/26/2022 10:16 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_C1-C2_EST.DWG

ESTIMATE OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION	PAY UNIT	TOTAL QUANTITY
643.0025.0000	TRAFFIC CONTROL	C.S.	ALL REQ'D
643.0032.0000	FLAGGING	C.S.	ALL REQ'D
644.0001.0000	FIELD OFFICE	L.S.	ALL REQ'D
644.0002.0000	FIELD LABORATORY	L.S.	ALL REQ'D
644.0015.0000	NUCLEAR TESTING EQUIPMENT STORAGE SHED	EACH	1
644.0016.0000	STORAGE CONTAINER	EACH	1
644.2004.0000	ENGINEERING COMMUNICATIONS	C.S.	ALL REQ'D
644.2007.0000	VEHICLE (LT/SUV)	EACH	2
645.0001.0000	TRAINING PROGRAM, 1 TRAINEES / APPRENTICES	LABOR HOUR	1,000
646.0001.0000	CPM SCHEDULING	L.S.	ALL REQ'D
646.2000.0000	SCHEDULE PRICE ADJUSTMENT	C.S.	ALL REQ'D
647.2002.0000	BACKHOE, 4WD, 1 CY BUCKET, 75 HP MIN, 15 FT DEPTH	C.S.	ALL REQ'D
660.2001.0000	SIGNAL AND LIGHTING SALVAGE LIGHTING	L.S.	ALL REQ'D
661.2002.0000	REMOVE EXISTING LOAD CENTER	EACH	1
670.0013.0000	PAINTED TRAFFIC MARKING	L.F.	800
670.2006.0000	MMA PAVEMENT MARKINGS, LONGITUDINAL INLAID	L.F.	76,000
670.2007.0000	MMA PAVEMENT MARKINGS, SYMBOLS AND ARROW(S) INLAID	EACH	61
682.2000.0000	VAC-TRUCK POTHOLE	C.S.	ALL REQ'D
688.2001.0000	UTILITY SUPPORT	C.S.	ALL REQ'D
690.2007.0000	WATERWAY - LIVE WILLOW STAKING	S.Y.	308

TABLE OF ESTIMATING FACTORS

ITEM NO.	ITEM DESCRIPTION	UNIT
203.0006.0000	BORROW	144 LB./FT.^{3}
206.0002.0000	FILTER BLANKET	144 LB./FT.^{3}
301.0001.00D1	AGGREGATE BASE COURSE, GRADING D-1	144 LB./FT.^{3}
306.0001.0000	ATB	151 LB./FT.^{3}
306.0002.5240	ASPHALT BINDER, GRADE PG 52-40V	5.3% OF TOTAL WEIGHT OF 306.0001.0000
401.0001.002A	HMA, TYPE II; CLASS A	151 LB./FT.^{3}
401.0004.5240	ASPHALT BINDER, GRADE PG 52-40V	5.3% OF TOTAL WEIGHT OF 401.0001.002A
610.0002.0000	DITCH LINING	110 LB./FT.^{3}
611.0002.0002	RIPRAP, CLASS II	108 LB./FT.^{3}
611.0002.0003	RIPRAP, CLASS III	108 LB./FT.^{3}
618.0002.0000	SEEDING	1.5 LB./1000 S.F. (SEE SPECIAL PROVISIONS)
618.0003.0000	WATER FOR SEEDING	1 GAL./S.F.

PRELIMINARY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

ESTIMATE OF QUANTITIES

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	D1	D8

202.0001.0000 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS

SHEET	STATION FROM	STATION TO	OFFSET	REMARKS
F3	170+34	-	52 RT	PRIVATE SIGN
F4	179+24	-	42 RT	ROCK
F4	180+10	-	121 RT	ROCK
F4-F5	184+42	189+05	32 LT	HANDRAIL
F4-F5	186+84	188+59	77-59 LT	GABION WALL
F6	206+44	217+97	32 LT	HANDRAIL
F7	217+00	-	144 RT	PARTIAL CULVERT

202.0002.0000 - REMOVAL OF PAVEMENT

SHEET	STATION FROM	STATION TO	OFFSET	REMOVAL OF PAVEMENT (SY)	REMARKS
F1	140+30	152+00	CL	10,075	ASPHALT
F2	152+00	164+00	CL	6,496	
F3	164+00	176+00	CL	7,165	
F4	176+00	188+00	CL	5,628	
F5	188+00	200+00	CL	5,534	
F6	200+00	212+00	CL	5,731	
F7	212+00	224+00	CL	5,202	
F8	224+00	236+00	CL	6,506	
F9	236+00	248+00	CL	5,757	
F10	248+00	260+00	CL	6,984	
F11	260+00	272+00	CL	5,491	
F12	272+00	284+00	CL	7,908	
F13	284+00	296+00	CL	2,351	
			TOTAL:	80,826	
			PAY ITEM QUANTITY:	81,000	

201.0002.0000, 201.0003.0000 - CLEARING AND GRUBBING SUMMARY

SHEET	STATION FROM	STATION TO	OFFSET	201.0002.0000 GRUBBING (ACRES)	201.0003.0000 CLEARING & GRUBBING (ACRES)	REMARKS
F1		146+50	LT	-	0.009	
F1	146+50	152+00	LT	0.550	0.020	
F1	146+50	152+00	RT	0.280	-	
F2	152+00	164+00	LT	1.566	0.465	
F2	152+00	164+00	RT	1.194	-	
F3	164+00	176+00	LT	1.672	0.248	
F3	164+00	176+00	RT	1.036	0.012	
F4	176+00	188+00	LT	2.341	0.448	
F4	176+00	188+00	RT	1.637	0.096	
F5	188+00	200+00	LT	2.542	0.358	
F5	188+00	200+00	RT	2.082	0.146	
F6	200+00	212+00	LT	2.635	0.592	
F6	200+00	212+00	RT	1.680	0.015	
F7	212+00	224+00	LT	2.575	0.321	
F7	212+00	224+00	RT	1.735	0.038	
F8	224+00	236+00	LT	1.672	0.213	
F8	224+00	236+00	RT	1.526	0.005	
F9	236+00	248+00	LT	1.677	0.250	
F9	236+00	248+00	RT	1.609	0.008	
F10	248+00	260+00	LT	1.716	0.259	
F10	248+00	260+00	RT	1.701	0.024	
F11	260+00	272+00	LT	1.461	0.215	
F11	260+00	272+00	RT	1.658	-	
F12	272+00	275+00	LT	1.214	0.051	
F12	272+00	275+00	RT	0.937	-	
			TOTAL:	38.688	3.785	
			PAY ITEM QUANTITY:	39	4	

PRELIMINARY

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD - PHASE II

SUMMARY TABLES

DESIGNED BY ALH
CHECKED BY ALH
DRAFTED BY DLP
SCALE N/A
DATE TIME 4/26/2022 10:17 AM
DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_D1-D8_SUM.DWG

DESIGNED BY	A.L.H.
CHECKED BY	A.L.H.
DRAFTED BY	D.L.P.
SCALE	N/A
DATE	4/26/2022
TIME	10:17 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_D1-D8_SUM.DWG

NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	D2	D8

202.0004.0000 - REMOVAL OF CULVERT PIPE

SHEET	STATION	OFFSET	LENGTH (LF)	REMARKS
F1	150+48	96.4 LT	61	
F1	150+90	119.3 LT	48	
F2	152+88	CL	152	
F2	156+67	45.4 LT	25	
F2	158+41	32.6 LT	56	
F2	159+00	36.8 RT	40	
F2	162+01	43.2 RT	58	
F2	163+45	60.2 LT	22	
F3	164+16	54.5 RT	48	
F3	165+54	58.9 RT	46	
F3	166+62	59.3 RT	67	
F3	167+74	47.1 LT	22	
F3	170+19	42.4 RT	39.5	
F3	174+25	66.2 LT	39	
F3	174+90	56.7 LT	74.5	
F3	175+46	78.5 LT	58	
F4	176+89	33.7 RT	61	
F4	179+56	33.2 RT	60.5	
F4	179+78	291.0 RT	33	
F4	179+89	30.4 LT	32	
F4	182+69	43.3 LT	38	
F4	184+42	44.8 LT	33	
F4	187+84	56.4 LT	31	
F4	187+97	31.5 LT	33	
F5	188+11	21.5 LT	3	
F5	188+13	19.1 LT	5	
F5	188+14	46.7 LT	50.5	
F5	188+20	16.5 LT	15.5	
F5	188+73	CL	171	
F5	193+79	37.7 LT	58	
F5	194+22	55.2 LT	60	
F5	194+56	28.5 LT	95	
F5	195+27	27.2 RT	41	
F6	203+37	41.2 LT	19	
F6	203+61	62.1 LT	34	
F6	204+11	28.6 RT	53	
F6	209+38	34.6 RT	61	
F6	209+27	94.8 RT	9	
F6	209+62	208.6 RT	23	
F7	216+38	65.6 LT	59	
F7	216+43	29.8 LT	17	
F7	216+49	23.0 LT	2	
F7	216+51	20.6 LT	4	
F7	216+51	53.7 LT	62	
F7	217+34	CL	180	

202.0004.0000 - REMOVAL OF CULVERT PIPE

SHEET	STATION	OFFSET	LENGTH (LF)	REMARKS
F8	224+15	49.3 LT	31	
F8	225+75	72.0 LT	9	
F8	228+02	54.2 LT	50	
F8	228+32	267.9 LT	41	
F8	229+82	54.5 LT	21	
F9	237+59	44.5 RT	38	
F9	243+33	62.9 LT	21	
F9	247+52	34.0 RT	41	
F10	251+43	33.6 RT	42	
F10	251+51	61.7 LT	31.5	
F10	251+82	304.7 RT	15	
F10	252+04	284.1 RT	31	
F10	253+00	160.2 RT	44	
F10	253+44	34.0 RT	83	
F10	253+65	28.2 LT	60	
F10	253+84	109.3 RT	45.5	
F10	254+22	49.6 LT	66	
F11	267+48	81.3 LT	22	
F11	270+63	38.6 LT	39	
F11	271+18	291.4 RT	25	
F12	272+40	52.0 RT	42	
F12	274+30	38.4 LT	73	
F12	274+38	124.1 LT	34	
F12	274+66	90.4 LT	25	
F12	274+73	200.0 LT	31	
F12	275+01	264.2 LT	27	
F12	275+37	246.7 LT	15	
		TOTAL:	3,202	
		PAY ITEM QUANTITY:	3,202	

PRELIMINARY

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

SUMMARY TABLES

NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	D3	D8

DESIGNED BY: ALH
CHECKED BY: ALH
DRAFTED BY: DLP

SCALE: N/A

DATE TIME: 4/26/2022 10:17 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_D1-D8_SUM.DWG

202.0006.0000 - REMOVAL OF MANHOLE

SHEET	STATION	OFFSET	REMARKS
F5	194+07	LT	STORM DRAIN
PAY ITEM QUANTITY:	1		

202.0008.0000 - REMOVAL OF INLET

SHEET	STATION	OFFSET	REMARKS
F5	188+13	LT	
F5	188+13	LT	
F5	188+28	LT	
F6	203+35	LT	
F7	216+49	LT	
F7	216+49	LT	
TOTAL:	6		
PAY ITEM QUANTITY:	6		

202.2027.0000 - CLUSTER MAIL BOX UNIT

SHEET	STATION	OFFSET	QUANTITY (EA)	REMARKS
F4 / F17	179+72	200 RT	1	ALEX DRIVE
F11	270+92	248 RT	1	ROSS STREET
		TOTAL:	2	
		PAY ITEM QUANTITY:	2	

203.0009.0000 - OBLITERATION OF ROADWAY

SHEET	FROM		TO		AREA (SY)	REMARKS
	STATION	OFFSET	STATION	OFFSET		
F2	161+98	67.0 RT	162+13	67.6 RT	84	
F3	165+40	69.8 RT	165+65	69.2 RT	30	
F3	174+25	72.6 LT	176+00	76.7 LT	162	
F4	176+00	76.7 LT	177+38	82.0 LT	34	
F8	234+91	64.9 RT	235+04	65.2 RT	38	
F10	253+25	115.2 RT	253+52	80.2 RT	47	
F11	261+98	82.1 LT	270+47	72.9 LT	763	
F12	281+12	67.6 RT	281+26	67.7 RT	27	
				TOTAL:	1,186	
				PAY ITEM QUANTITY:	1,200	

PRELIMINARY

STATE OF ALASKA
49TH
AARON HUNTING
CE 106601
REGISTERED PROFESSIONAL ENGINEER
EXPIRES

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

SUMMARY TABLES

NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	D4	D8

406.0002.0000 - RUMBLE STRIPS

SHEET	STATION FROM	STATION TO	QUANTITY (STA)	REMARKS
F1	140+30	152+00	23	SHOULDERS
F2	152+00	164+00	24	SHOULDERS
F3	164+00	176+00	24	SHOULDERS
F4	176+00	188+00	24	SHOULDERS
F5	188+00	200+00	24	SHOULDERS
F6	200+00	216+00	32	SHOULDERS
F7	214+00	224+00	20	SHOULDERS
F8	224+00	236+00	24	SHOULDERS
F9	236+00	248+00	24	SHOULDERS
F10	248+00	260+00	24	SHOULDERS
F11	260+00	272+00	24	SHOULDERS
F12	272+00	284+00	24	SHOULDERS
F13	284+00	286+00	5	SHOULDERS
		TOTAL:	266	
		PAY ITEM QUANTITY:	266	

206.0002.0000 - FILTER BLANKET

SHEET	STATION	OFFSET	QUANTITY (TON)	REMARKS
F4	188+18	LT	19	UNNAMED STREAM #2 OUTLET
F5	188+18	RT	14	UNNAMED STREAM #2 INLET
F7	217+06	LT	33	UNNAMED STREAM #3 OUTLET
F7	217+06	RT	17	UNNAMED STREAM #3 INLET
		TOTAL:	83	
		PAY ITEM QUANTITY:	83	

VERTICAL CLEARING SUMMARY

SHEET	STATION FROM	STATION TO	OFFSET
F1	148+60	150+00	LT
F1	151+60	151+90	LT
F2	155+90	156+70	LT
F2	157+30	157+90	LT
F2	159+90	160+30	LT
F4	178+70	184+30	LT
F4-F5	184+30	193+00	RT
F5-F7	196+40	219+30	LT
F8	229+00	235+30	LT
F9-F10	237+20	249+90	LT
F10	252+60	235+90	LT
F10	254+70	256+80	LT
F10	258+90	259+70	LT

501.0001.0000 - CLASS A CONCRETE

SHEET	STATION	OFFSET	VOLUME (CY)	REMARKS
F4	179+79	RT	0.67	MAILBOX FOUNDATION
F5	188+18	CL	3.06	UNNAMED STREAM NO. 2 INLET HEADWALL
F5	188+18	CL	3.06	UNNAMED STREAM NO. 2 OUTLET HEADWALL
F7	217+06	CL	5.81	UNNAMED STREAM NO. 3 INLET HEADWALL
F7	217+06	CL	5.81	UNNAMED STREAM NO. 3 OUTLET HEADWALL
F11	271+60	RT	0.67	MAILBOX FOUNDATION
		TOTAL:	20	

PRELIMINARY

DESIGNED BY: ALH
CHECKED BY: ALH
DRAFTED BY: DLP

SCALE: N/A

DATE TIME: 4/26/2022 10:17 AM

DRAWING LOCATION: W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_D1-D8_SUM.DWG

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

SUMMARY TABLES

NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	D5	D8

606.0001.0000, 606.0006.0000, 606.0013.0000 - GUARDRAIL SUMMARY

SHEET	STATION FROM	STATION TO	OFFSET	606.0001.0000 W-BEAM GUARDRAIL (FT)	606.0006.0000 REMOVING & DISPOSING OF GUARDRAIL (FT)	606.0013.0000 PARALLEL GUARDRAIL TERMINAL (EACH)	REMARKS
F1-F2	183+33.5	193+89.7	LT		1,052.0		
F1-F2	184+50.0	192+37.5	LT	787.5			
F1-F2	184+00.0	184+50.0	LT			1	
F2	192+37.5	192+87.5	LT			1	
F1-F2	185+46.5	191+97.1	RT		653.0		
F1-F2	184+12.5	193+50.0	RT	937.5			
F1	183+62.5	184+12.5	RT			1	
F2	193+50.0	194+00.0	RT			1	
F6-F7	205+41.1	221+04.9	LT		1,164.0		
F6-F8	207+25.0	226+37.5	LT	1,912.5			
F6	206+75.0	207+25.0	LT			1	
F8	226+37.5	226+87.5	LT			1	
F7	213+22.8	220+50.8	RT		728.0		
F7	212+37.5	222+00.0	RT	962.5			
F7	212+87.5	213+37.5	RT			1	
F7	222+00.0	222+50.0	RT			1	
			TOTAL:	4,650.0	3,597.0	8	
			PAY ITEM QUANTITY:	4,650.0	3,600.0	8	

607.2008.0000 - RELOCATE GATE

SHEET	STATION	OFFSET	QUANTITY (EACH)	REMARKS
F2/F14	162+00	RT	1	MOVE GATE, DRIVEWAY GATE, ADJOINING POSTS AND LARGE ROCKS TO PROPOSED DRIVEWAY
		TOTAL:	1	
		PAY ITEM QUANTITY:	1	

619.2002.0000 - TURF REINFORCEMENT MAT

SHEET	STATION FROM	STATION TO	OFFSET	QUANTITY (SY)	REMARKS
F5-F6	198+50	199+50	RT	310	
F6	202+80	203+50	RT	335	
F7	219+25	220+25	RT	229	
F7	218+35	223+75	LT	2266	
			TOTAL:	3139	
			PAY ITEM QUANTITY:	3140	

PRELIMINARY

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

SUMMARY TABLES

DESIGNED BY ALH
CHECKED BY ALH
DRAFTED BY DLP
SCALE N/A
DATE TIME 4/26/2022 10:17 AM
DRAWING LOCATION W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_D1-D8_SUM.DWG

NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	D6	D8

610.0002.0000, 611.0002.0002, 611.0002.0003 – DITCH LINING AND RIPRAP SUMMARY

SHEET	ALIGNMENT	STATION		OFFSET	LENGTH (FT)	610.0002.0000	611.0002.0002	611.0002.0003	REMARKS
		FROM	TO			DITCH LINING (TON)	RIPRAP, CLASS II (TON)	RIPRAP, CLASS III (TON)	
F1	KENAI SPUR	159+00	–	RT	10	10			
F3	KENAI SPUR	164+18	–	RT	10	10			
F3	KENAI SPUR	166+68	–	RT	10	10			GARZON WAY
F3	KENAI SPUR	172+59	–	RT	10	10			
F4	KENAI SPUR	176+94	–	RT	10				
F4	KENAI SPUR	179+73	–	RT	10				ALEX DRIVE
F4/F17	ALEX DR	20+59	21+25	LT		1			V-DITCH
F4	KENAI SPUR	179+87	184+11	RT		7			FLAT-BOTTOM DITCH
F4		180+03		RT			7		P4-3 OUTLET
F4		180+09	–	RT			7		P4-2 OUTLET
F4	KENAI SPUR	180+17	185+50	LT		15			V-DITCH
F4		180+19	–	LT			7		P4-4 OUTLET
F4	KENAI SPUR	184+11	184+50	RT		1			V-DITCH
F4–F5	KENAI SPUR	187+00	190+20	LT		20			V-DITCH
F4	KENAI SPUR	187+01	–	LT		4	157	62	UNNAMED STREAM NO. 2 OUTLET
F5	KENAI SPUR	188+15	188+15	LT			28		FD5-7 OUTLET
F5	KENAI SPUR	189+33	–	RT		3	107	54	UNNAMED STREAM NO. 2 INLET
F5/F18	CHURCHILL AVE	16+10	19+40	LT / RT		18			V-DITCH
F5	KENAI SPUR	193+75	–	LT			7		P5-3 OUTLET
F6	KENAI SPUR	203+58	206+50	RT		8			V-DITCH
F6	KENAI SPUR	209+46	–	RT	10	10			
F6	KENAI SPUR	209+80	211+00	RT		3			V-DITCH
F7	KENAI SPUR	217+06	–	CL				26	RIPRAP IN PIPE (UNNAMED STREAM NO. 3)
F7	KENAI SPUR	217+06	–	RT		5	135	57	UNNAMED STREAM NO. 3 INLET
F7	KENAI SPUR	217+06	–	LT		2	48	134	UNNAMED STREAM NO. 3 OUTLET
F7	KENAI SPUR	217+50	–	LT		7			V-DITCH
F8	KENAI SPUR	228+20	–	RT	10	10			SILVER SALMON DRIVE
F10	KENAI SPUR	254+17	–	RT	10	32			STRAWBERRY ROAD
F12	KENAI SPUR	272+10	–	RT	10	10			ROSS STREET
				TOTAL:		192	847	333	
				PAY ITEM QUANTITY:		200	850	340	

PRELIMINARY

DESIGNED BY ALH
CHECKED BY ALH
DRAFTED BY DLP

SCALE N/A

DATE TIME 4/26/2022 10:17 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY – PH.2 – SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_D1-D8_SUM.DWG

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

SUMMARY TABLES

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	D7	D8

630.0002.0001 - GEOTEXTILE, SEPARATION, CLASS 1

SHEET	STATION FROM	STATION TO	OFFSET	AREA (SY)	REMARKS
F1	150+50	152+00	RT	33.3	
F2	152+00	153+50	RT	16.7	
F2	152+50	153+50	LT	33.3	
F3	153+50	154+50	LT	66.7	
F3	154+50	155+50	LT	22.2	
F4	186+50	187+50	RT	88.9	
F4	183+50	184+50	LT	200.0	
F4	184+50	185+50	LT	322.2	
F4	186+50	186+50	LT	566.7	
F4		187+50	LT	333.3	
F4-F5	187+50	188+50	RT	122.2	
F4-F5	187+50	188+50	LT	155.6	
F5	188+50	189+50	LT	122.2	
F5	188+50	189+50	RT	188.9	
F5	189+50	190+50	RT	288.9	
F5	190+50	191+50	RT	133.3	
F5	191+50	192+50	RT	111.1	
F6	206+50	207+50	LT	88.9	
F6	207+50	208+50	LT	600.0	
F6	208+50	209+50	LT	888.9	
F6	209+50	210+50	LT	522.2	
F6	210+50	211+50	LT	411.1	
F6-F7	211+50	212+50	LT	255.6	DEPTH 15'
F7	212+50	213+50	LT	244.4	DEPTH 15'
F7	213+50	214+50	LT	222.2	DEPTH 15'
F7	214+50	215+50	LT	244.4	DEPTH 15'
F7	215+50	216+50	LT	400.0	
F7	216+50	217+50	LT	344.4	
			TOTAL:	7,028	
			PAY ITEM TOTAL:	7,050	

634.0002.0000 - GEOGRID, REINFORCEMENT, CLASS I

SHEET	STATION FROM	STATION TO	OFFSET	AREA (SY)	REMARKS
F4	183+50	188+00	CL	4,983	SEE B SHEETS FOR LOCATIONS
F5	188+00	192+50	CL	4,792	
F6	204+50	212+00	CL	8,778	
F7	212+00	218+50	CL	7,294	
F9	240+00	247+00	LT	3,626	
F9	247+00	248+00	LT	378	
F10	248+00	252+50	LT	2,400	
			TOTAL:	32,251	
			PAY ITEM TOTAL:	32,300	

PRELIMINARY

DESIGNED BY ALH
CHECKED BY ALH
DRAFTED BY DLP

SCALE N/A

DATE TIME
4/26/2022 10:17 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_D1-D8_SUM.DWG

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

SUMMARY TABLES

NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	D8	D8

639.2001.0000 – APPROACH SUMMARY

SHEET	STATION	OFFSET	SKEW ANGLE (90°TYP.)	APPROACH TYPICAL SECTION	TYPE			RADIUS (FT)	WIDTH (FT)	LENGTH (FT)	REMARKS
					PUB.	RES.	COM.				
F1	150+38.0	LT	66		X			22 / 40	24	132	LANCANSHIRE DR
F1	150+76.9	LT	85			X		25 / 20	40	42	NICHOLAS VIEW LN
F2	159+00.0	RT					X	40	24	79	
F2	161+77.0	RT					X	40	26	79	
F3	164+18.0	RT					X	40	28	79	
F3	165+53.0	RT					X	40	24	82	
F3	166+20.0	LT			X			40	24	167	MOORING DR
F3	170+01.0	RT				X		40	14	128	
F3	172+59.0	RT			X			40	24	79	SAGERSER WAY
F3	172+76.0	LT			X				25	115	TREVOR AVE
F4	176+94.0	RT					X	40	24		
F4	179+73.0	RT			X			40	24		ALEX DR
F4	179+83.0	RT				X					
F4	179+97.0	LT				X			14		BROTHERS AVE
F5	193+54.0	LT			X			40	24	305	CHURCHILL AVE
F5	193+54.0	LT					X	20	14	200	
F5	193+30.0	RT				X		20	14	129	
F6	202+55.0	RT					X	40	24	275	
F6	203+53.0	LT				X		20	14	100	
F6	209+46.0	RT			X			40	22	155	SWALLOW ST
F8	228+20.01	LT			X			40	24	223	SILVER SALMON DR
F8	228+20.1	RT			X			40	24	185	SILVER SALMON DR
F9	237+32.2	RT				X		20	14	120	
F9	245+63.0	LT				X		20	14	120	
F10	254+17.0	RT	80		X			40	26	350	STRAWBERRY RD
F10	254+21.2	LT			X			40	28	178	STRAWBERRY RD
F10	253+84.6	RT				X		20	14	58	
F11	270+64.0	LT				X		20	14	25	
F12	272+09.9	RT			X			40	26	135	ROSS ST
F12	274+50.0	LT			X			40	28	140	EAGLE ROCK DR
F12	274+57.5	LT				X		20	14	34	
				TOTAL:	13	11	7				
				PAY ITEM QUANTITY:		31					

PRELIMINARY

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

SUMMARY TABLES

DESIGNED BY ALH
CHECKED BY ALH
DRAFTED BY DLP

SCALE N/A

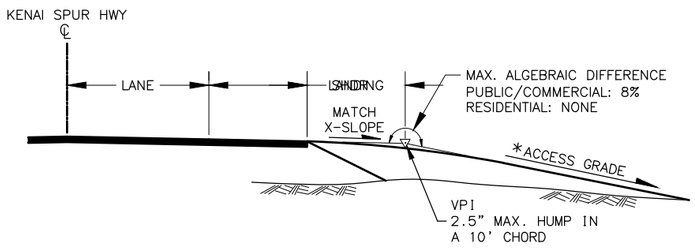
DATE TIME 4/26/2022 10:17 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_D1-D8_SUM.DWG

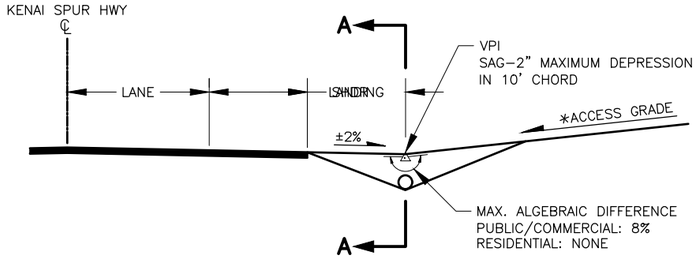
NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	E1	E9

DESIGNED BY ALH
CHECKED BY ALH
DRAFTED BY DLP
SCALE N/A
DATE TIME 4/26/2022 10:17 AM
DRAWING LOCATION W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_E1-E2.DWG



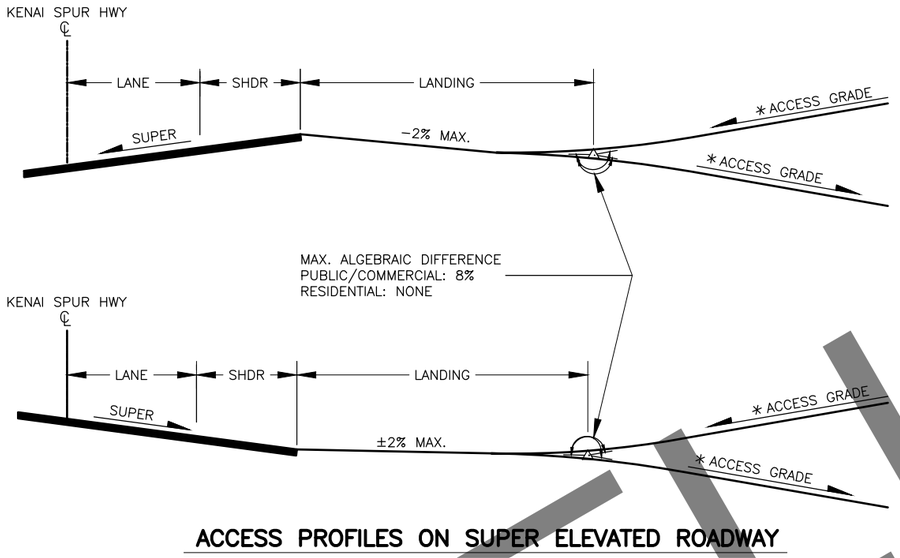
FILL



CUT

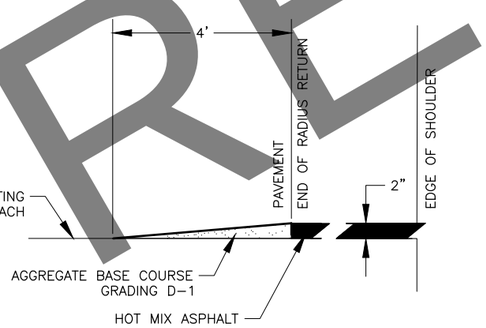
ACCESS PROFILES

*15% MAXIMUM ACCESS GRADE FOR RESIDENTIAL



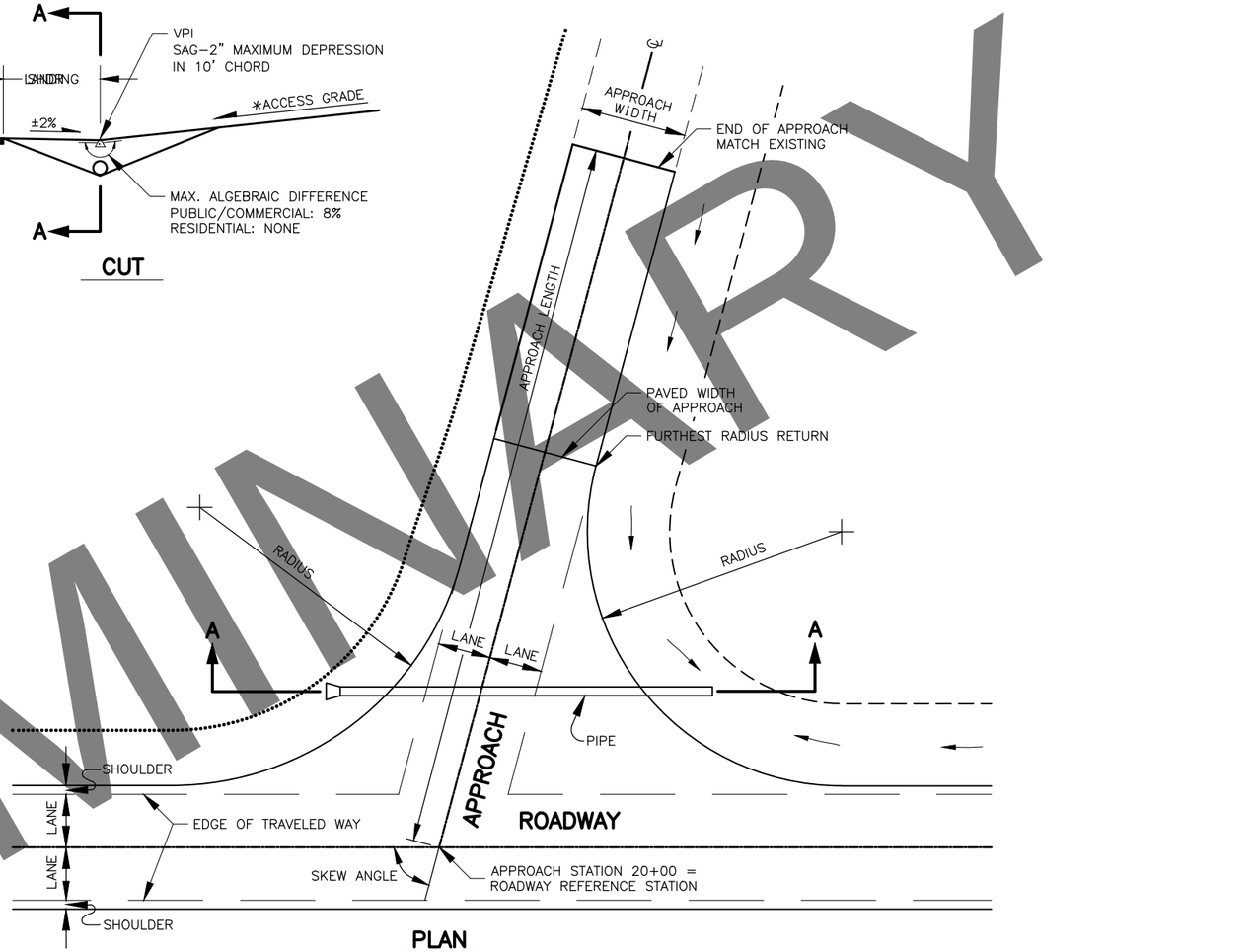
ACCESS PROFILES ON SUPER ELEVATED ROADWAY

*15% MAXIMUM ACCESS GRADE FOR RESIDENTIAL

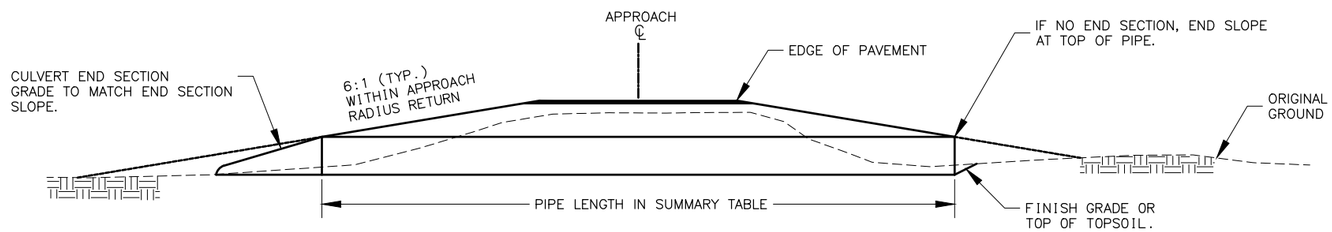


UNPAVED TRANSITION

N.T.S.



PLAN



PIPE TYPICAL, SECTION A-A

LANDING TABLE	
TYPE	LENGTH
RESIDENTIAL	10'
PUBLIC/COMMERCIAL	30'

PRELIMINARY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

APPROACH DETAILS

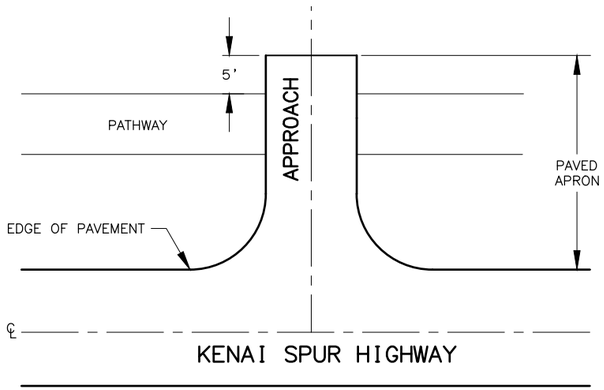
STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	E2	E9

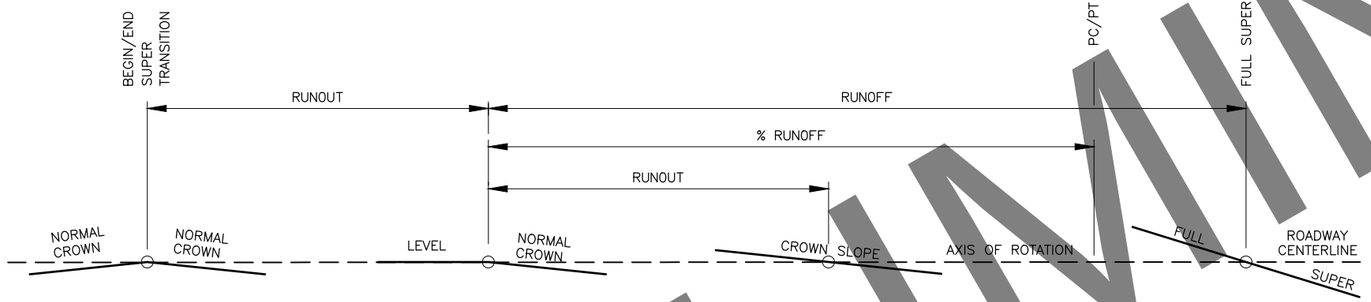
DESIGNED BY	A.L.H.
CHECKED BY	A.L.H.
DRAFTED BY	D.L.P.
SCALE	N/A
DATE	4/26/2022
TIME	10:18 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_E1-E2.DWG

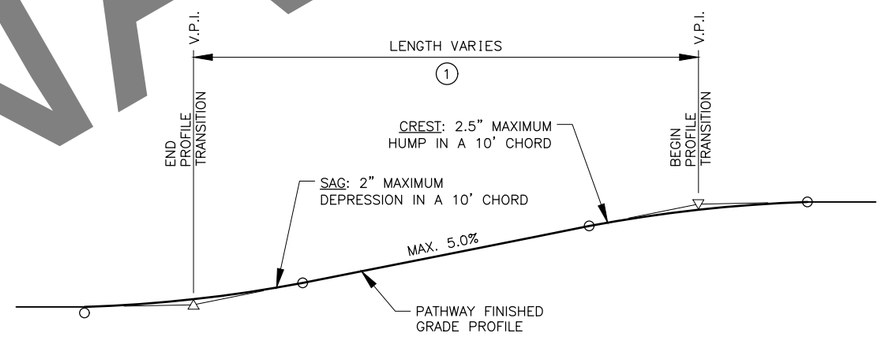


RESIDENTIAL AND COMMERCIAL APPROACH APRON

PLAN VIEW



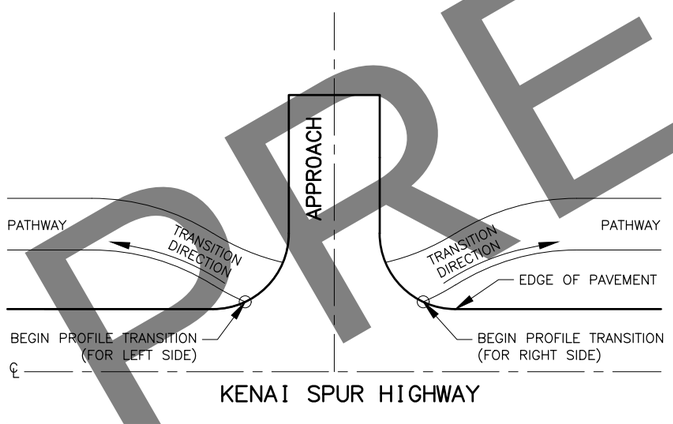
ROADWAY SUPERELEVATION TRANSITION



TYPICAL PATHWAY PROFILE TRANSITION

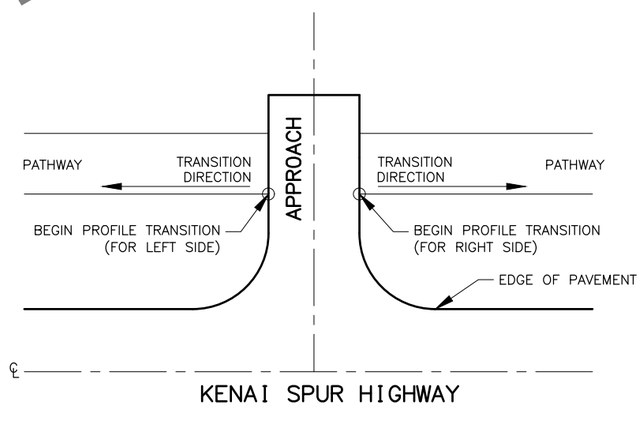
NOTES:

1. (1.) SEE PATHWAY CURVE TABLE ON PLAN & PROFILE SHEETS FOR PROFILE TRANSITION LENGTHS.
2. MIRROR DETAIL FOR OPPOSITE SIDE OF APPROACH.



PATHWAY PROFILE TRANSITION FOR NAMED APPROACHES

PLAN VIEW



PATHWAY PROFILE TRANSITION FOR RESIDENTIAL APPROACHES

PLAN VIEW

PRELIMINARY

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

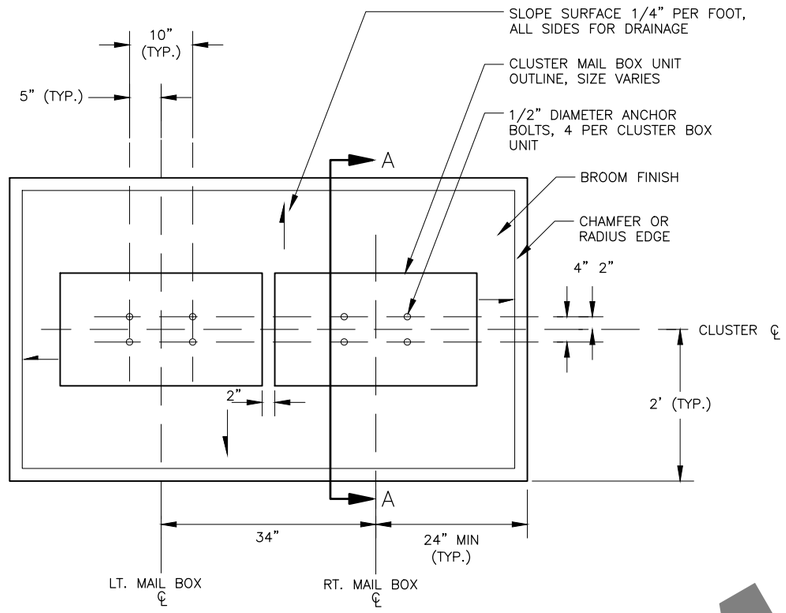
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

PATHWAY, SUPERELEVATION & PIPE SETBACK DETAILS

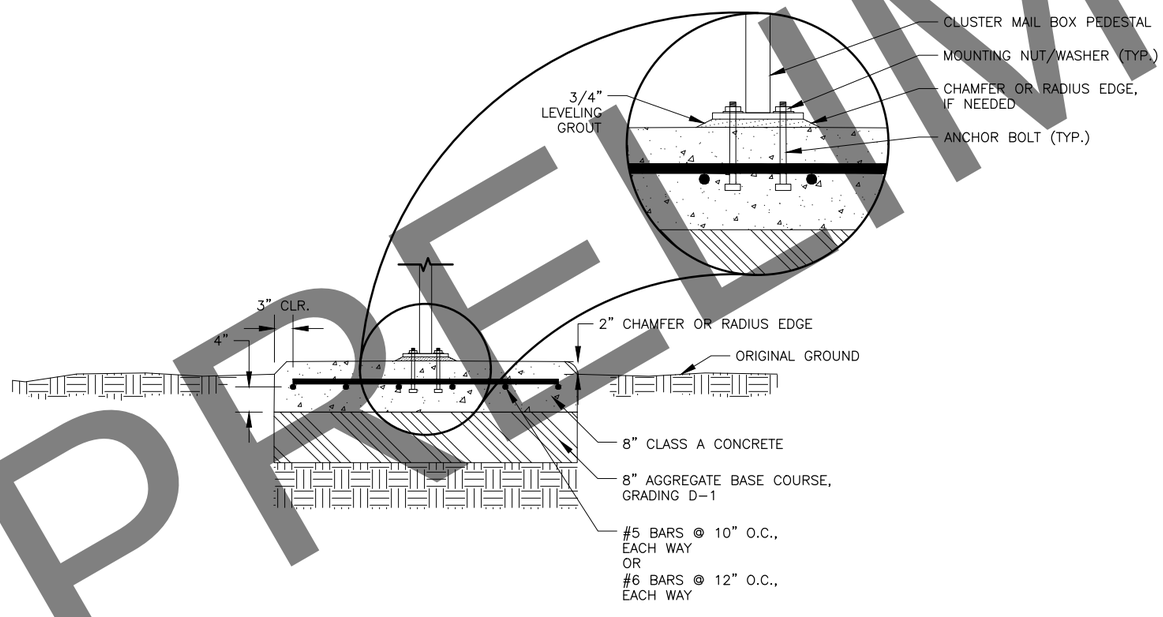
NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	E3	E9



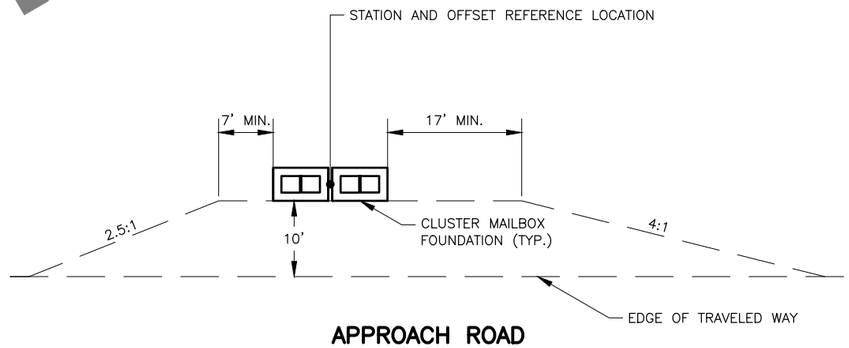
MAILBOX FOUNDATION

PLAN VIEW



CLUSTER MAIL BOX FOUNDATION

SECTION A–A



APPROACH ROAD

MAILBOX PULLOUT

MATCH ROSS STREET STRUCTURAL SECTION.

PRELIMINARY

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269–0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

MAILBOX FOUNDATION AND PULLOUT DETAILS

DESIGNED BY A.H
CHECKED BY A.H
DRAFTED BY AWOI

SCALE N/A

DATE TIME
4/26/2022 10:18 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY – PH.2 – SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_E3 MAILBOX.DWG

NO.	DATE	REVISION

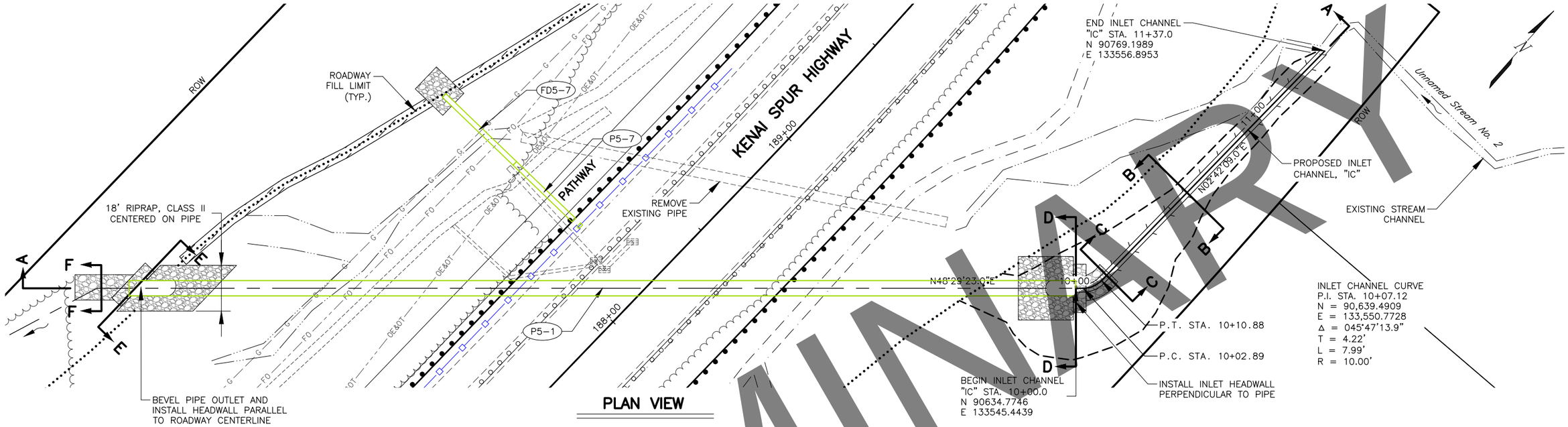
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	E4	E9

DESIGNED BY PAJ
CHECKED BY PAJ
DRAFTED BY ALH

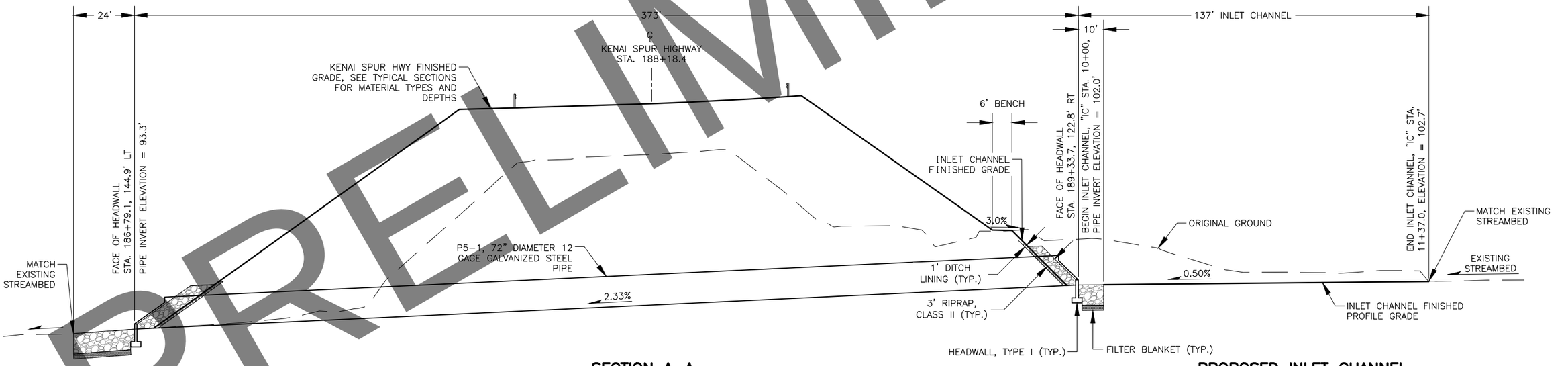
SCALE N/A

DATE 4/26/2022 TIME 10:18 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_E4-E7_PIPES.DWG



PLAN VIEW



SECTION A-A

2X VERT. EXAGGERATION

PROPOSED INLET CHANNEL

PROFILE VIEW

PRELIMINARY

NOTES:

1. FILL THE EXISTING STREAM CHANNEL WITH PROPOSED CHANNEL EXCAVATION MATERIAL BETWEEN THE ROADWAY FILL SLOPE AND THE END OF THE INLET CHANNEL ONCE P5-1 AND THE INLET CHANNEL ARE OPERATIONAL.
2. FILL RIPRAP VOIDS BETWEEN THE ROADWAY FILL SLOPE AND THE INLET CHANNEL CUT SLOPE WITH SELECTED MATERIAL, TYPE A.
3. SEE UNNAMED STREAM NO. 2 AND NO. 3 PIPE DETAILS SHEET FOR SECTION VIEWS.
4. RIPRAP SHALL BE INSTALLED NO STEEPER THAN 2:1.
5. INSTALL DITCH LINING 1' IN ALL DIRECTIONS BEHIND RIPRAP, CLASS II ON SLOPE.

HYDROLOGIC AND HYDRAULIC SUMMARY

DRAINAGE AREA = 0.7 SQUARE MILES			
EXCEEDANCE PROBABILITY	2%	1%	REGULATORY FLOOD
RETURN PERIOD	50-YEAR (Q50)	100-YEAR (Q100)	N/A
DESIGN DISCHARGE	63 CFS	77 CFS	N/A
DESIGN HIGH WATER ELEVATION	104.9 FEET	105.2 FEET	N/A
ANTICIPATED ADDITIONAL BACKWATER AT Q100 = 0.0 FEET			

STATE OF ALASKA
STATE OF ALASKA 49TH CERT
PAUL J. JANKE
CE 3947
REGISTERED PROFESSIONAL ENGINEER

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

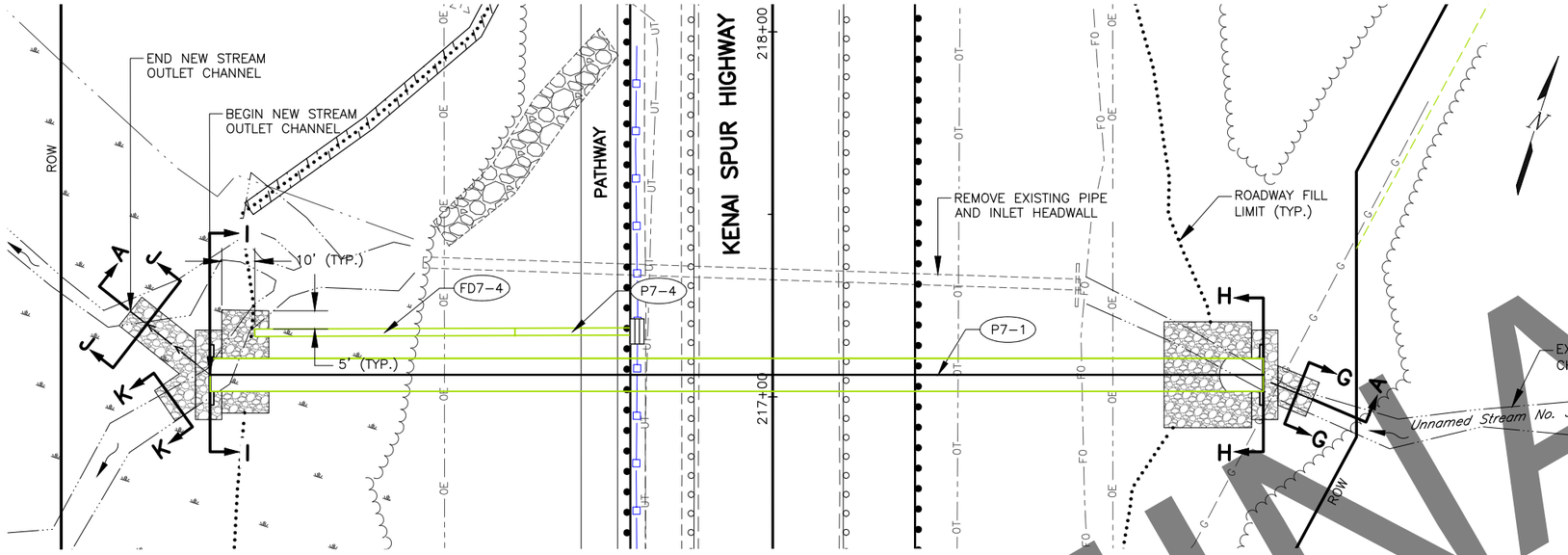
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD - PHASE II

UNNAMED STREAM NO. 2 PIPE DETAILS

NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	E5	E9



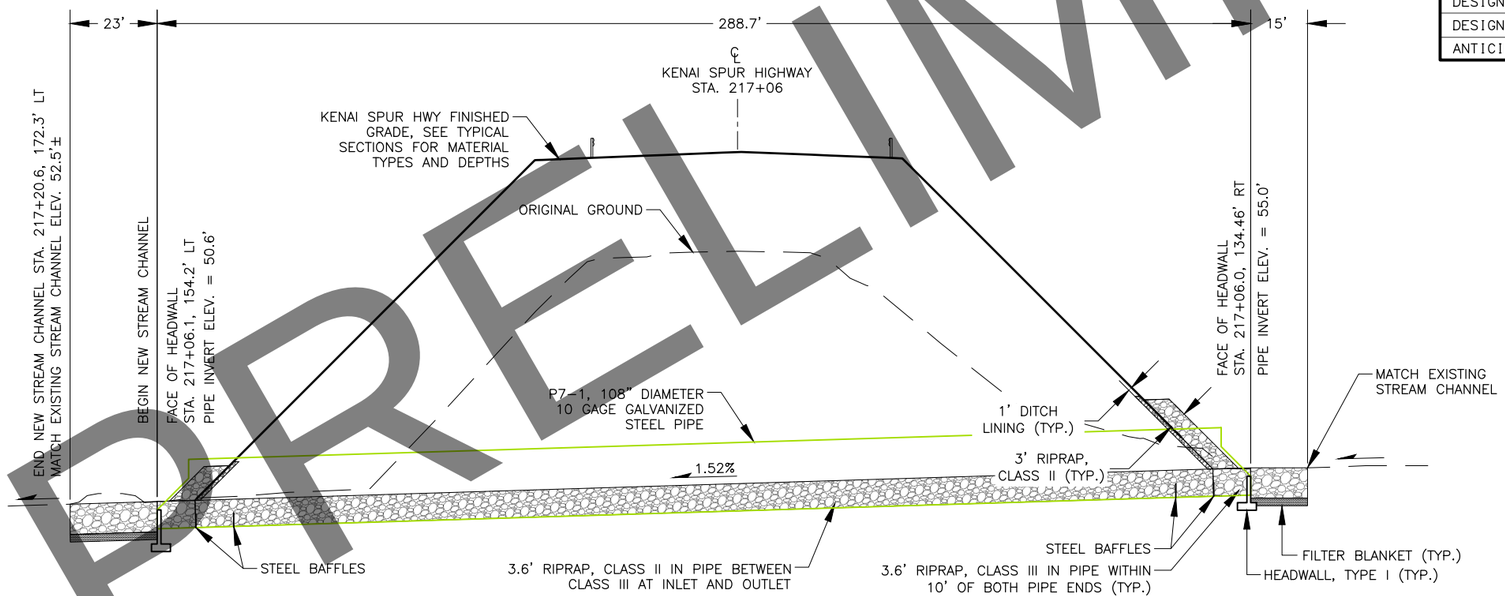
PLAN VIEW

NOTES:

1. FILL RIPRAP VOIDS IN THE CULVERT AND IN THE STREAM CHANNEL WITH SAND, GRAVEL, AND COBBLES.
2. SEE BAFFLE DETAILS SHEET FOR BAFFLE LOCATIONS AND DETAILS.
3. SEE UNNAMED STREAM NO. 2 AND NO. 3 PIPE DETAILS SHEET FOR REMAINING SECTION VIEWS.
4. RIPRAP ON SLOPE SHALL BE INSTALLED NO STEEPER THAN 2:1.
5. INSTALL DITCH LINING 1' IN ALL DIRECTIONS BEHIND RIPRAP, CLASS II ON SLOPE.

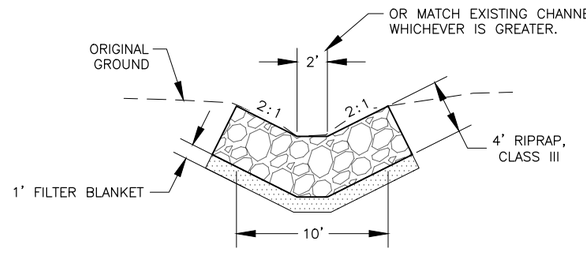
HYDROLOGIC AND HYDRAULIC SUMMARY

DRAINAGE AREA = 2.6 SQUARE MILES			
EXCEEDANCE PROBABILITY	2%	1%	REGULATORY FLOOD
RETURN PERIOD	50-YEAR (Q50)	100-YEAR (Q100)	N/A
DESIGN DISCHARGE	166 CFS	200 CFS	N/A
DESIGN HIGH WATER ELEVATION	62.5 FEET	63.0 FEET	N/A
ANTICIPATED ADDITIONAL BACKWATER AT Q100 = 0.0 FEET			



SECTION A–A

2X VERT. EXAGGERATION



UNNAMED STREAM NO. 3 SOUTH OUTLET, SECTION K–K

H&H NOTES:

1. UNNAMED STREAM NO. 3 IS A CATALOGED ANADROMOUS STREAM.

PRELIMINARY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

UNNAMED STREAM NO. 3 PIPE DETAILS

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
49TH
PAUL JANKE
CE 3947
REGISTERED PROFESSIONAL ENGINEER
CERT

DESIGNED BY	PAJ
CHECKED BY	PAJ
DRAFTED BY	ALH
SCALE	N/A
DATE	4/26/2022
TIME	10:18 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY – PH.2 – SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_E4-E7_PIPES.DWG

NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	E6	E9

DESIGNED BY PAJ
CHECKED BY PAJ
DRAFTED BY ALH

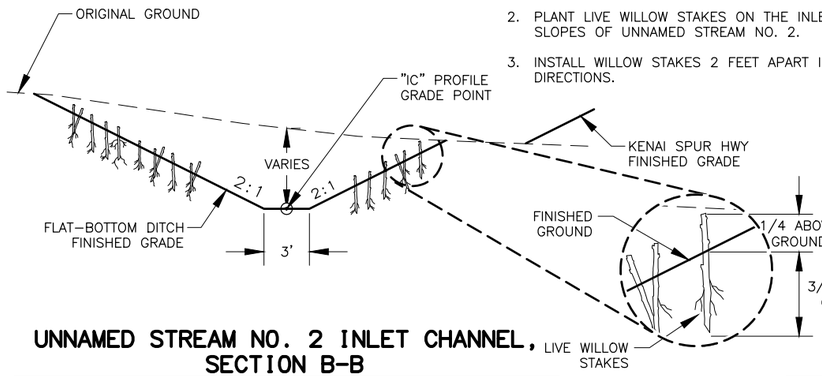
SCALE N/A

DATE 4/26/2022 TIME 10:19 AM

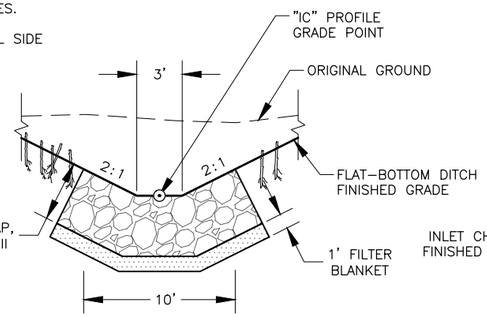
DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_E4-E7_PIPES.DWG

NOTES:

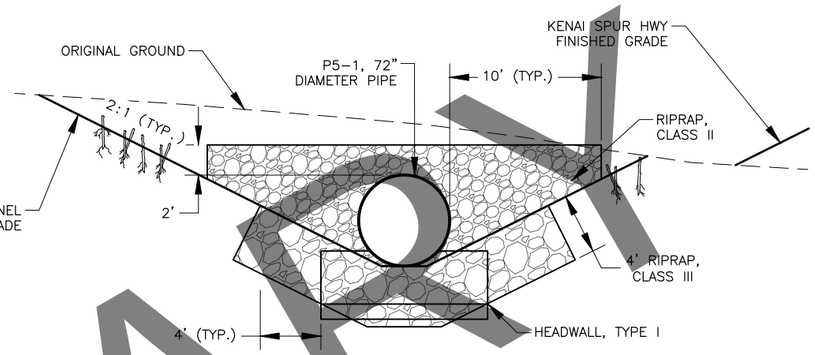
1. FILL RIPRAP VOIDS IN UNNAMED STREAM NO. 3 PIPE AND STREAM CHANNEL WITH SAND, GRAVEL, AND COBBLES.
2. PLANT LIVE WILLOW STAKES ON THE INLET CHANNEL SIDE SLOPES OF UNNAMED STREAM NO. 2.
3. INSTALL WILLOW STAKES 2 FEET APART IN ALL DIRECTIONS.



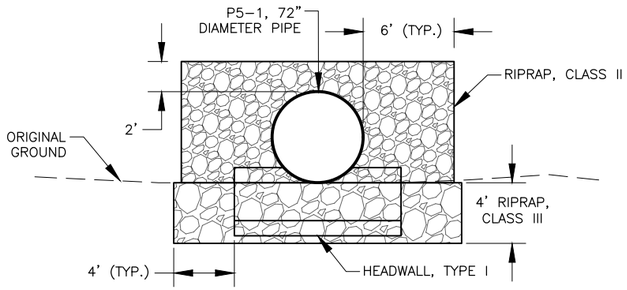
UNNAMED STREAM NO. 2 INLET CHANNEL, SECTION B-B



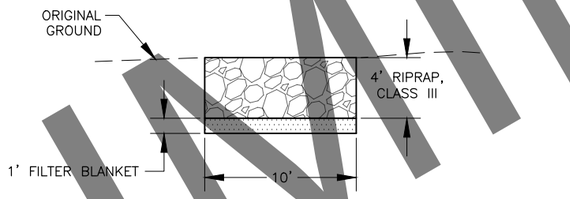
UNNAMED STREAM NO. 2 INLET SECTION C-C



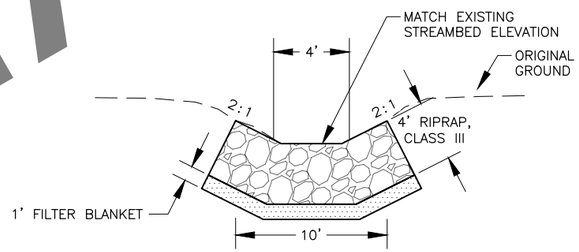
UNNAMED STREAM NO. 2 INLET SECTION D-D



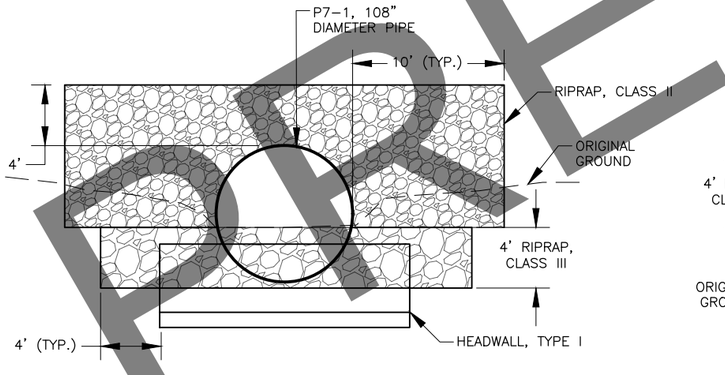
UNNAMED STREAM NO. 2 OUTLET SECTION E-E



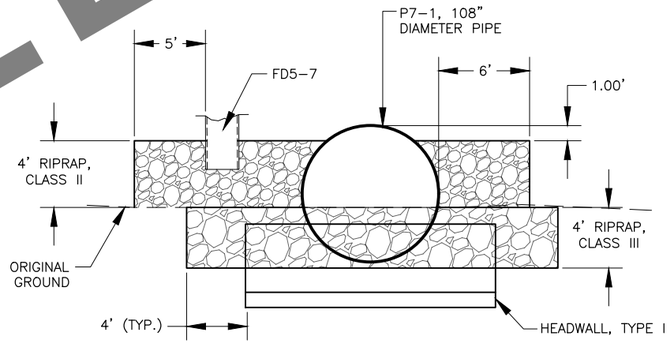
UNNAMED STREAM NO. 2 OUTLET SECTION F-F



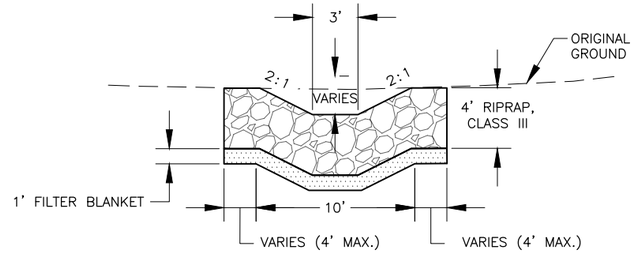
UNNAMED STREAM NO. 3 INLET CHANNEL SECTION G-G



UNNAMED STREAM NO. 3 INLET SECTION H-H



UNNAMED STREAM NO. 3 OUTLET SECTION I-I



UNNAMED STREAM NO. 3 NORTH OUTLET CHANNEL, SECTION J-J

PRELIMINARY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

UNNAMED STREAM NO. 2 & NO. 3 PIPE DETAILS

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

NO.	DATE	REVISION

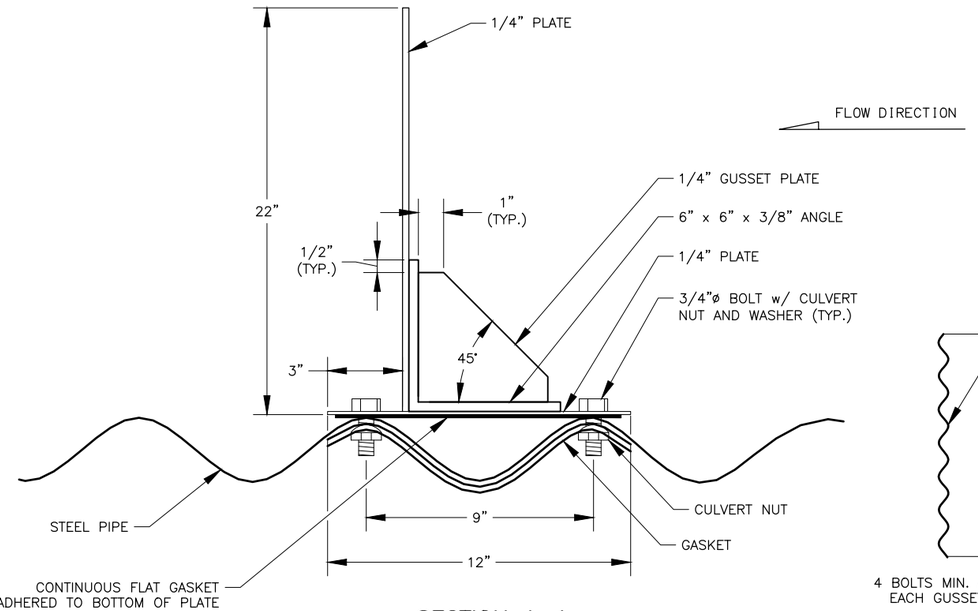
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	E7	E9

DESIGNED BY PAJ
CHECKED BY PAJ
DRAFTED BY ALH

SCALE N/A

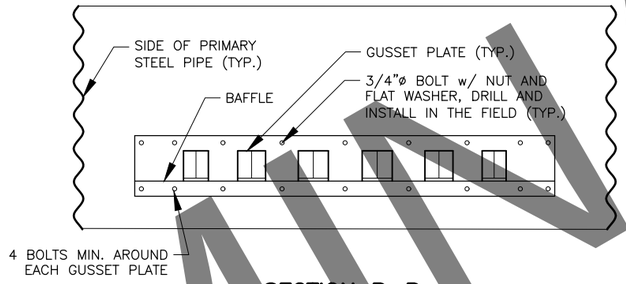
DATE TIME 4/26/2022 10:19 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_E4-E7_PIPES.DWG



SECTION A–A

N.T.S.

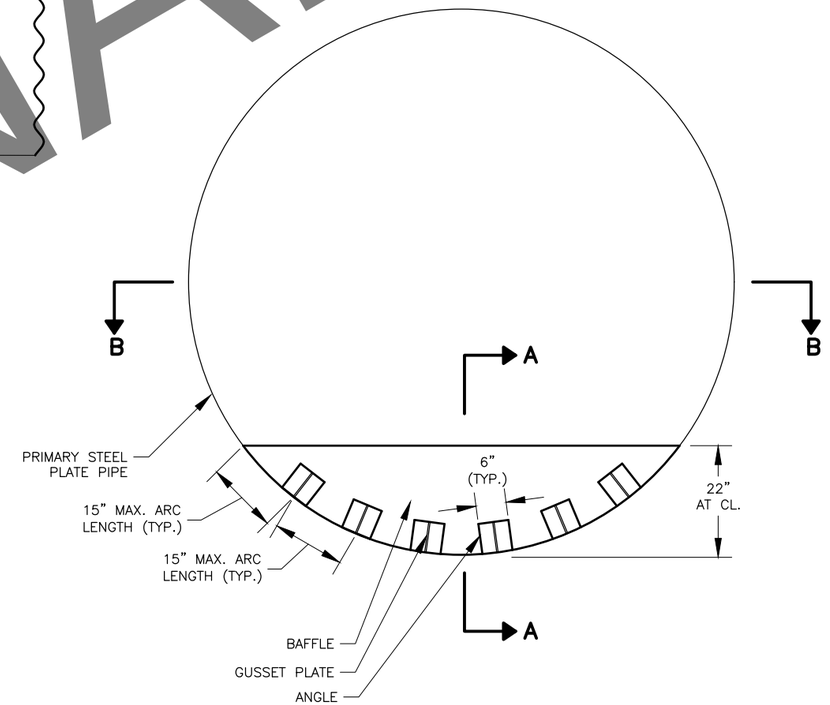


SECTION B–B

N.T.S.

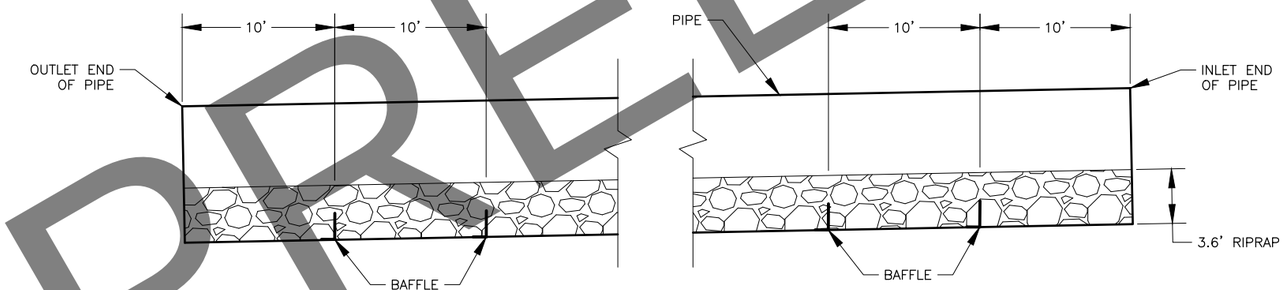
NOTES:

1. MAKE ALL WELDS PER AWS.
2. BOLT PRE-CONSTRUCTED BAFFLE UNITS TO PIPE USING HARDWARE CONFORMING TO SECTION 707-2.01. FOLLOW BOLT PATTERN IN "SECTION B-B".
3. BAFFLE-PIPE INTERFACE SHALL BE WATER-TIGHT TO THE EXTENT PRACTICABLE. USE MASTIC/SEALANT TO ADHERE GASKET TO PLATE THAT IS NON-CORROSIVE TO STEEL PIPE.
4. CONTINUOUS FLAT GASKET SHALL CONFORM TO ASTM D 1056, GRADE NO. 2B3. GASKET TO BE 1/8" MIN. THICKNESS.
5. ALL BAFFLE COMPONENTS SHALL BE STRUCTURAL STEEL MEETING ASTM A709, GRADE 36.
6. ALL STEEL SHALL BE HOT DIP GALVANIZED.
7. GUSSETS AND BOLT LOCATIONS MAY BE ADJUSTED TO AVOID CONFLICT WITH STRUCTURE BOLT PATTERN. USE 6 SUPPORTS PER BAFFLE.
8. ALL DIMENSIONS ON THIS SHEET ARE NOMINAL - BAFFLES SHALL BE MANUFACTURED TO FIT PARTICULAR PIPE.
9. SUBMIT BAFFLE UNIT SHOP DRAWINGS FOR ENGINEER'S APPROVAL PRIOR TO FABRICATION.
10. FIELD GALVANIZE DRILLED HOLES ACCORDING TO AASHTO M36 WITH ZINC RICH PAINT.



22 INCH BAFFLE & SUPPORT BRACKETS

N.T.S.



BAFFLE LOCATIONS

PRELIMINARY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

UNNAMED STREAM NO. 3 BAFFLE DETAILS

STATE OF ALASKA 49TH CERT PAUL JANKE CE 3947 REGISTERED PROFESSIONAL ENGINEER

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

NO.	DATE	REVISION

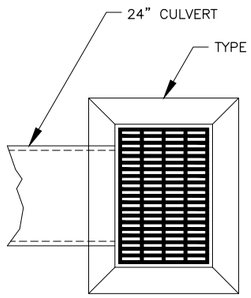
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	E8	E9

DESIGNED BY RVF
CHECKED BY ALH
DRAFTED BY RVF

SCALE N/A

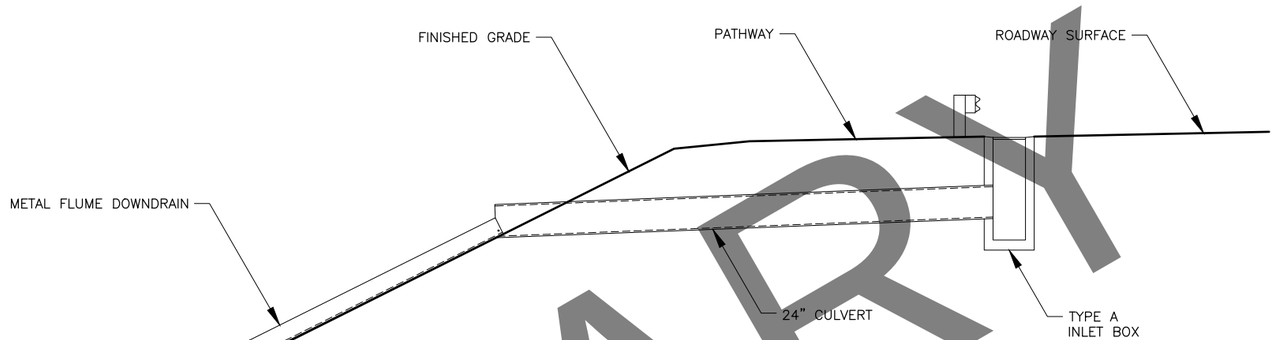
DATE TIME 4/26/2022 10:19 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_E8_INLETS.DWG



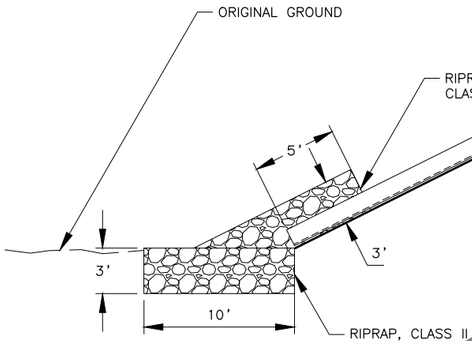
UNNAMED STREAM 3

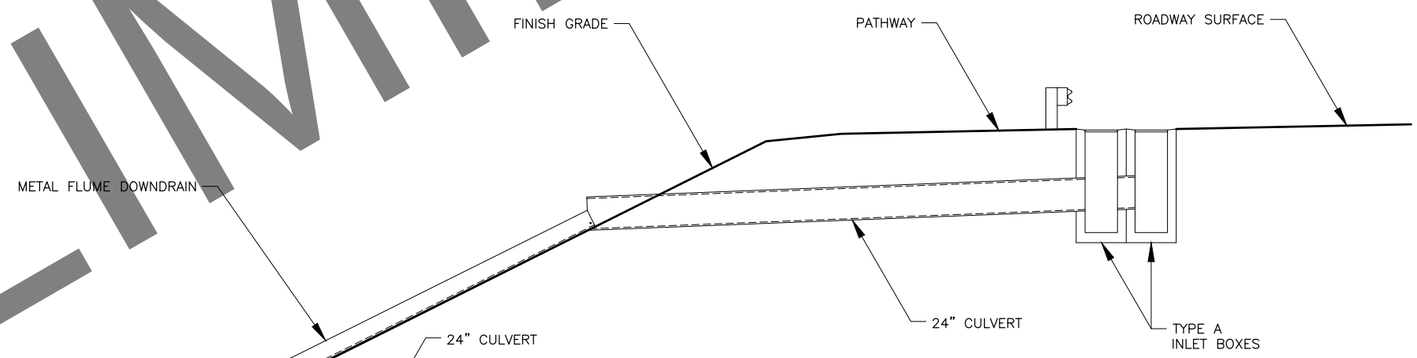
SINGLE INLET BOX DETAIL



UNAMED STREAM 3 INLET, PIPE, & FLUME

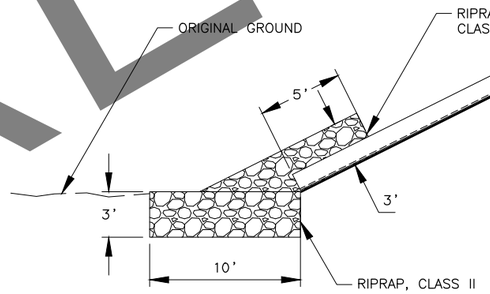
X-SECTION VIEW

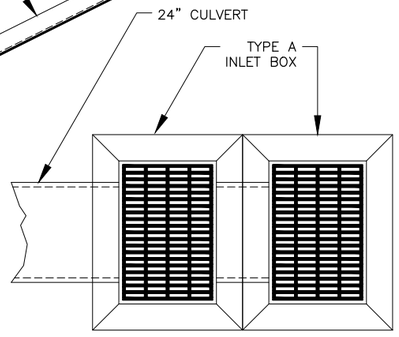




UNNAMED STREAM 2 INLET, PIPE, & FLUME

X-SECTION VIEW





UNNAMED STREAM 2

DOUBLE INLET BOX DETAIL

NOTES:

1. SEE ASP D-26.04 FOR INLET DIMENSIONS.
2. ANCHOR FLUME TO SLOPE PER MANUFACTURER'S RECOMMENDATION.
3. CONSTRUCT ALL INLET BOXES WITH 18" SUMPS.

PRELIMINARY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

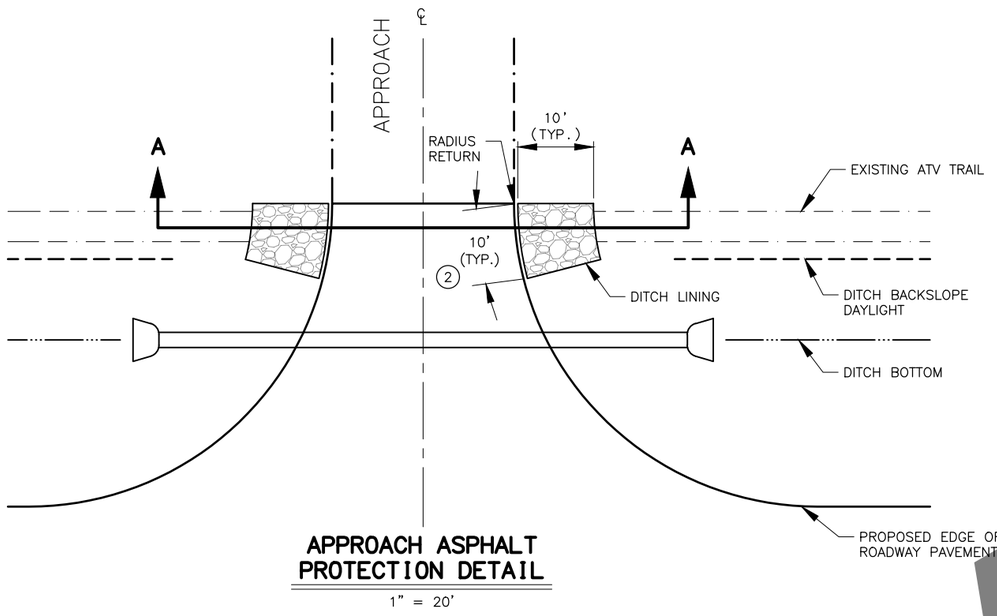
KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

UNNAMED STREAM 2 & 3 INLET & FLUME DETAILS

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

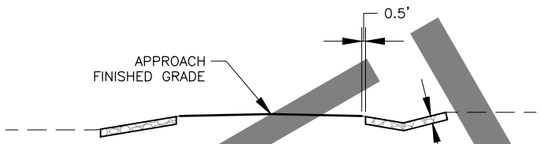
NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	E9	E9



APPROACH ASPHALT PROTECTION DETAIL

1" = 20'

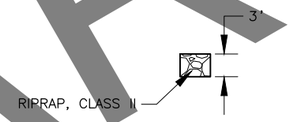


SECTION A-A

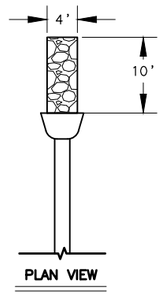
1" = 20"

NOTES:

1. SEE PAVEMENT STRUCTURAL SECTIONS & SLOPE EXCEPTIONS SHEET FOR STRUCTURAL SECTION MATERIALS AND THICKNESSES.
2. SEE F SHEETS FOR WIDTH VARIATIONS.



SECTION VIEW



PLAN VIEW

CULVERT OUTLET RIPRAP DETAIL

APPROACH PROTECTION LOCATION TABLE

APPROACH STATION	RIGHT	LEFT
159+00 RT	X	X
164+18 RT	X	X
166+68 RT (GARZON WAY)	X	X
172+59 RT	X	X
176+94 RT	X	X
179+73 RT (ALEX DRIVE)	X	
209+46 RT	X	X
228+20 RT (SILVER SALMON DRIVE)	X	X
254+17 RT (STRAWBERRY ROAD)	X	X
272+10 RT (ROSS STREET)	X	X

PRELIMINARY

STATE OF ALASKA
AARON HUNTING
CE 106601
REGISTERED PROFESSIONAL ENGINEER
CERT

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

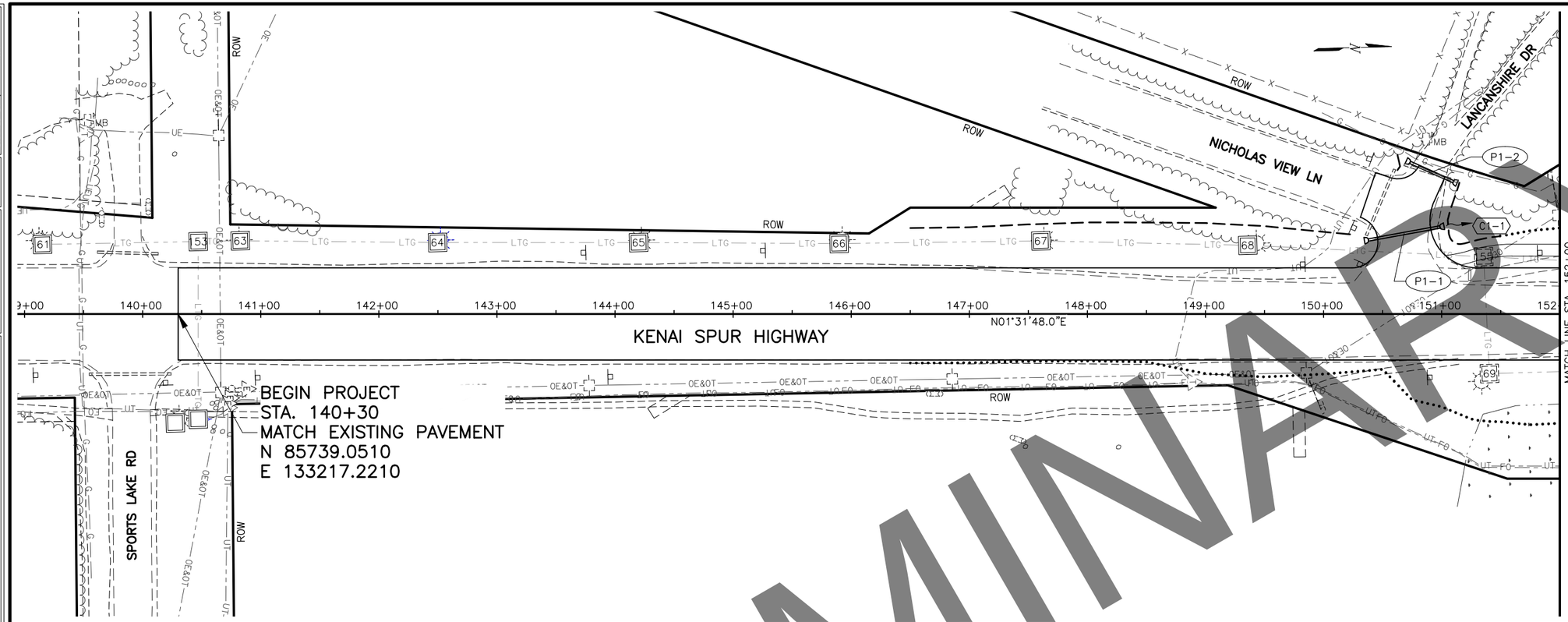
SLOPE AND APPROACH PROTECTION DETAILS

DESIGNED BY ALH
CHECKED BY ALH
DRAFTED BY DLP

SCALE N/A

DATE TIME 4/26/2022 10:19 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_E9_RR DTLS.DWG



PATHWAY CURVE TABLE

CURVE #	RADIUS (FT)	PC	OFFSET	PRC	OFFSET	RADIUS (FT)	PT	OFFSET	PROFILE TRANSITION LENGTH (FT)
C1-1	115	150+92.6	39.0 LT	151+26.1	44.0 LT	115	151+59.7	49.0 LT	50

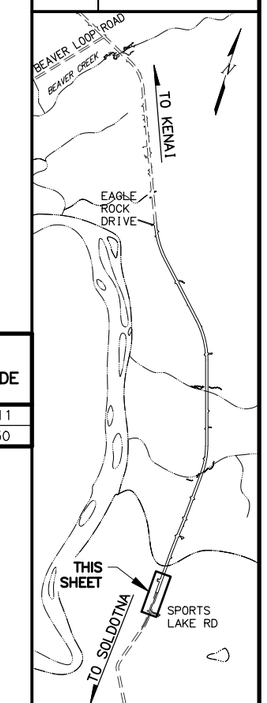
PIPE	SIZE (IN)	LENGTH (FT)	INLET				OUTLET				% GRADE
			STATION	OFFSET	ELEV. (FT)	END SECTION	STATION	OFFSET	ELEV. (FT)	END SECTION	
P1-1	24	61.6	150+37.9	62.6 LT	158.2	1	150+98.6	73.6 LT	156.9	1	2.11
P1-2	24	40.1	150+73.0	125.0 LT	155.6	1	151+09.8	113.8 LT	155.0	1	1.50

SHEET NO.	TOTAL SHEETS
F1	F27
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION

0221(019)/
CFHWY00253

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



STATE OF ALASKA
49TH
AARON M. HUNTING
CE 106601
REGISTERED PROFESSIONAL ENGINEER

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HWY REHAB:
SPORTS LAKE ROAD TO
SWIRES ROAD – PHASE II

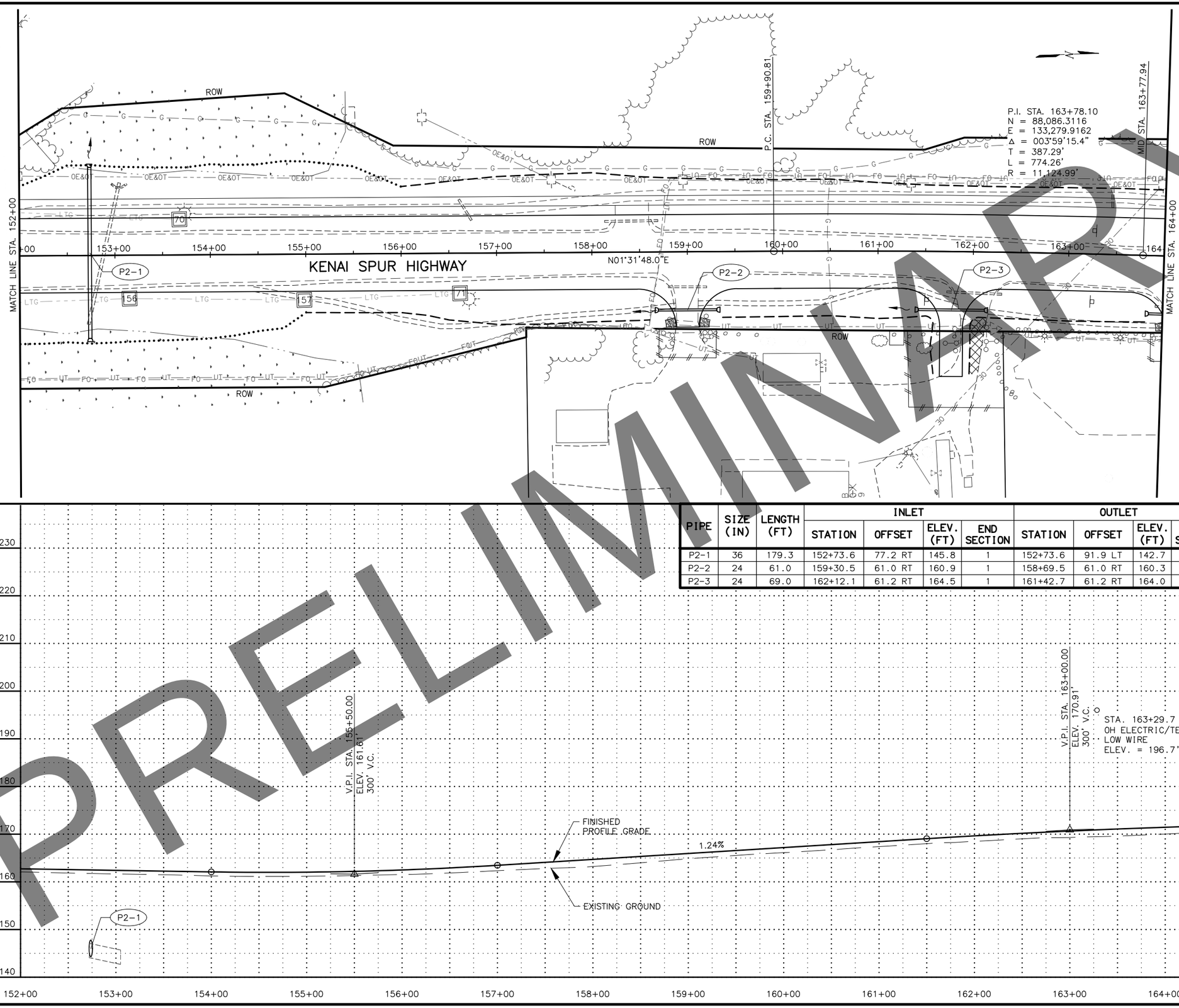
PLAN SHEET
STA. 140+30 TO
STA. 152+00

DESIGNED BY ALH
CHECKED BY ALH
DRAFTED BY DLP
SCALE 1" = 50'
DATE 4/26/2022 TIME 10:20 AM
DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY – PH.2 – SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_F1-F13 P&P.DWG

PRELIMINARY

DESIGNED BY: ALH
CHECKED BY: ALH
DRAFTED BY: DLP
SCALE: 1" = 50'
DATE: 4/26/2022 TIME: 10:20 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_F1-F13 P&P.DWG



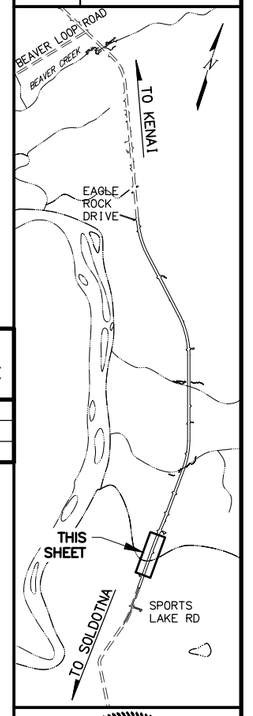
PIPE	SIZE (IN)	LENGTH (FT)	INLET				OUTLET				% GRADE
			STATION	OFFSET	ELEV. (FT)	END SECTION	STATION	OFFSET	ELEV. (FT)	END SECTION	
P2-1	36	179.3	152+73.6	77.2 RT	145.8	1	152+73.6	91.9 LT	142.7	1	1.70
P2-2	24	61.0	159+30.5	61.0 RT	160.9	1	158+69.5	61.0 RT	160.3	1	0.98
P2-3	24	69.0	162+12.1	61.2 RT	164.5	1	161+42.7	61.2 RT	164.0	1	0.72

PRELIMINARY

SHEET NO.	TOTAL SHEETS
F2	F27
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
0221(019)/
CFHWY00253

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

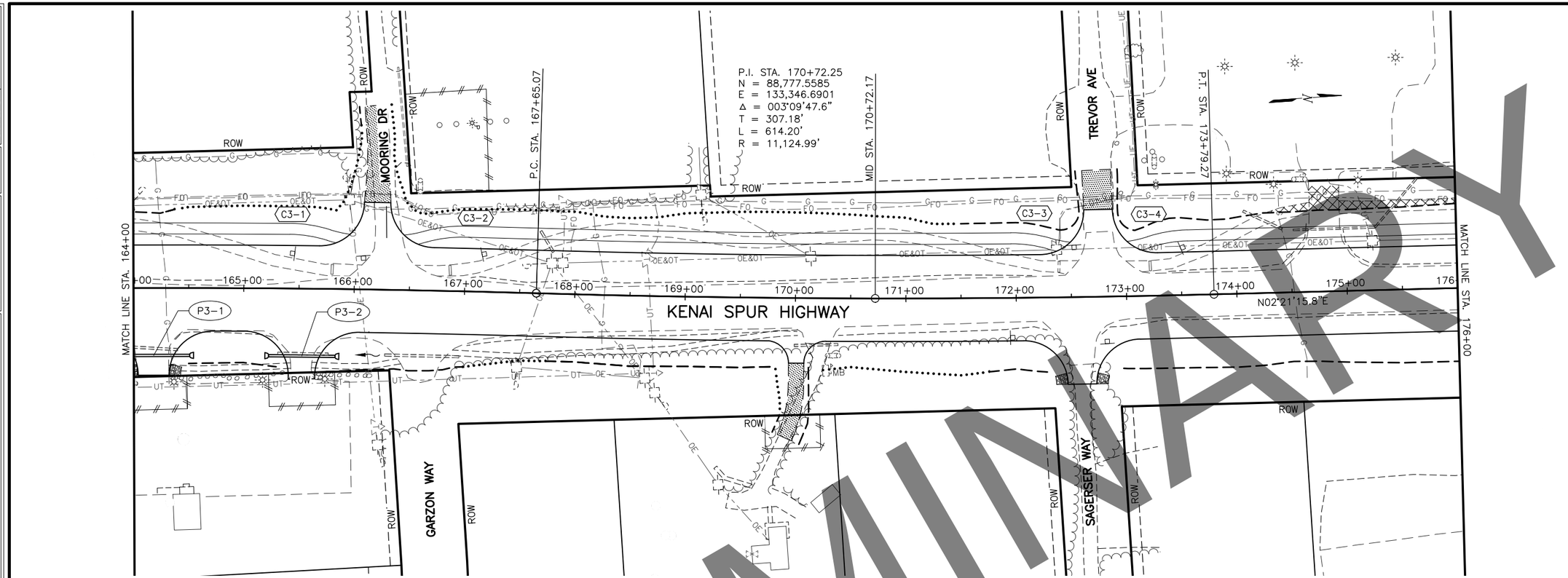


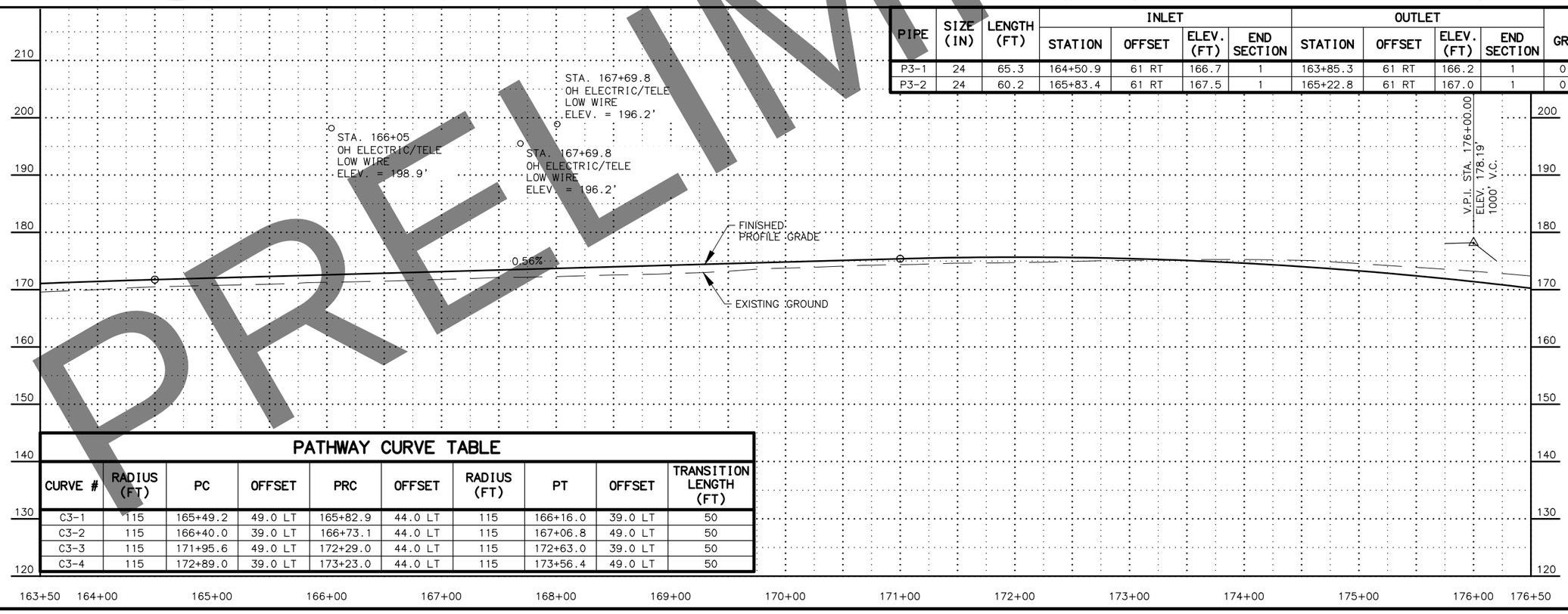
STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HWY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

PLAN SHEET
STA. 152+00 TO
STA. 164+00





PIPE	SIZE (IN)	LENGTH (FT)	INLET STATION	INLET OFFSET	INLET ELEV. (FT)	INLET END SECTION	OUTLET STATION	OUTLET OFFSET	OUTLET ELEV. (FT)	OUTLET END SECTION	% GRADE
P3-1	24	65.3	164+50.9	61 RT	166.7	1	163+85.3	61 RT	166.2	1	0.77
P3-2	24	60.2	165+83.4	61 RT	167.5	1	165+22.8	61 RT	167.0	1	0.83

PATHWAY CURVE TABLE

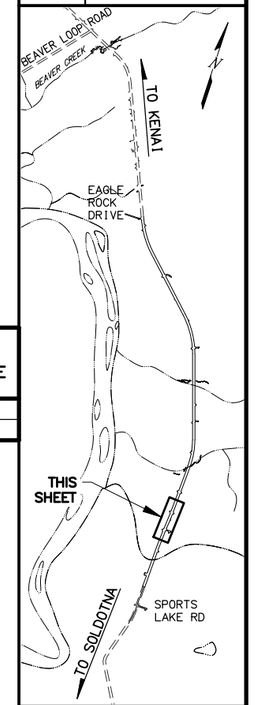
CURVE #	RADIUS (FT)	PC	OFFSET	PRC	OFFSET	RADIUS (FT)	PT	OFFSET	TRANSITION LENGTH (FT)
C3-1	115	165+49.2	49.0 LT	165+82.9	44.0 LT	115	166+16.0	39.0 LT	50
C3-2	115	166+40.0	39.0 LT	166+73.1	44.0 LT	115	167+06.8	49.0 LT	50
C3-3	115	171+95.6	49.0 LT	172+29.0	44.0 LT	115	172+63.0	39.0 LT	50
C3-4	115	172+89.0	39.0 LT	173+23.0	44.0 LT	115	173+56.4	49.0 LT	50

PRELIMINARY

SHEET NO.	TOTAL SHEETS
F3	F27
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
0221(019)/
CFHWY00253

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



STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HWY REHAB:
SPORTS LAKE ROAD TO
SWIRES ROAD – PHASE II

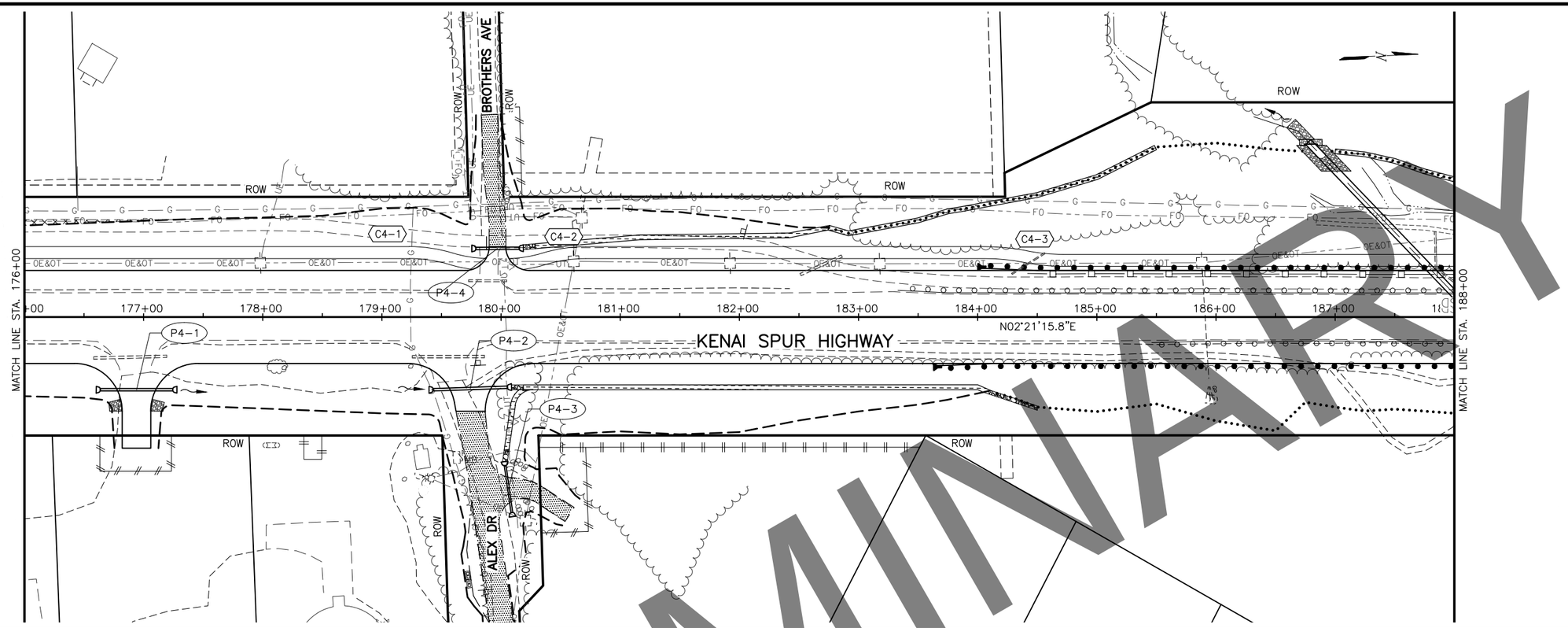
PLAN SHEET
STA. 164+00 TO
STA. 176+00

DESIGNED BY
CHECKED BY
DRAFTED BY

SCALE 1" = 50'

DATE TIME
4/26/2022 10:20 AM

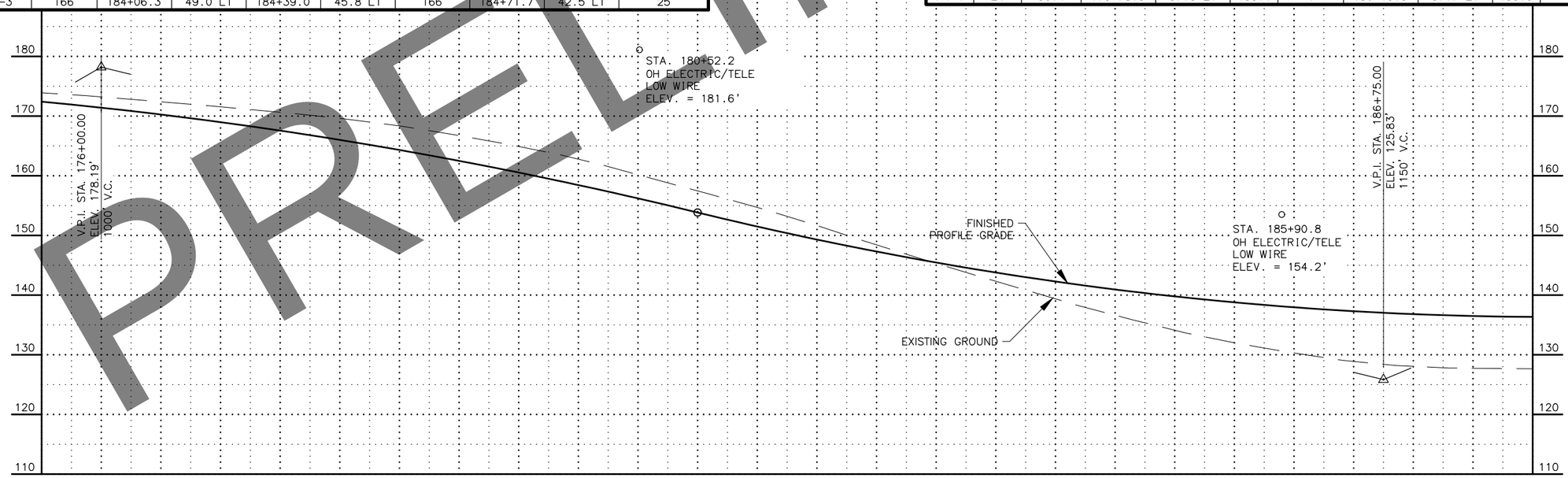
DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY – PH.2 – SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_F1-F13 P&P.DWG



PATHWAY CURVE TABLE

CURVE #	RADIUS (FT)	PC	OFFSET	PRC	OFFSET	RADIUS (FT)	PT	OFFSET	TRANSITION LENGTH (FT)
C4-1	115	179+22.9	49.0 LT	179+56.5	44.0 LT	115	179+90.0	39.0 LT	25
C4-2	115	180+04.0	39.0 LT	180+37.5	44.0 LT	115	180+71.1	49.0 LT	25
C4-3	166	184+06.3	49.0 LT	184+39.0	45.8 LT	166	184+71.7	42.5 LT	25

PIPE	SIZE (IN)	LENGTH (FT)	INLET				OUTLET				% GRADE
			STATION	OFFSET	ELEV. (FT)	END SECTION	STATION	OFFSET	ELEV. (FT)	END SECTION	
P4-1	24	60.9	176+63.7	61.0 RT	164.9	1	177+24.5	61.0 RT	163.3	1	2.63
P4-2	24	62.4	179+43.0	61.0 RT	156.1	1	180+05.3	58.9 RT	153.3	1	4.49
P4-3	18	39.9	180+09.1	164.0 RT	163.1	1	180+03.4	124.6 RT	160.0	1	7.80
P4-4	24	36.4	179+78.9	57.5 LT	155.1	1	180+15.3	57.7 LT	153.6	*1	4.12

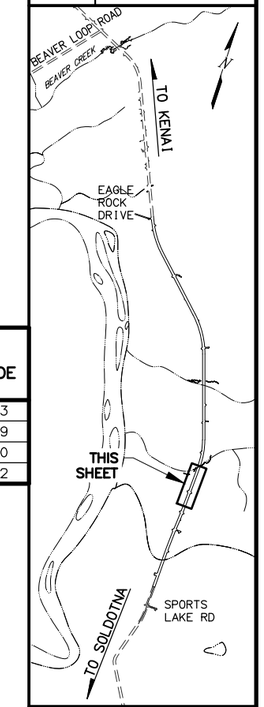


PRELIMINARY

SHEET NO.	TOTAL SHEETS
F4	F27
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
0221(019)/
CFHWY00253

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



STATE OF ALASKA
49TH
AARON C. HUNTING
CE 106601
REGISTERED PROFESSIONAL ENGINEER

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HWY REHAB:
SPORTS LAKE ROAD TO
SWIRES ROAD – PHASE II

PLAN SHEET
STA. 176+00 TO
STA. 188+00

DESIGNED BY
CHECKED BY
DRAFTED BY

SCALE 1" = 50'

DATE TIME
4/26/2022 10:20 AM

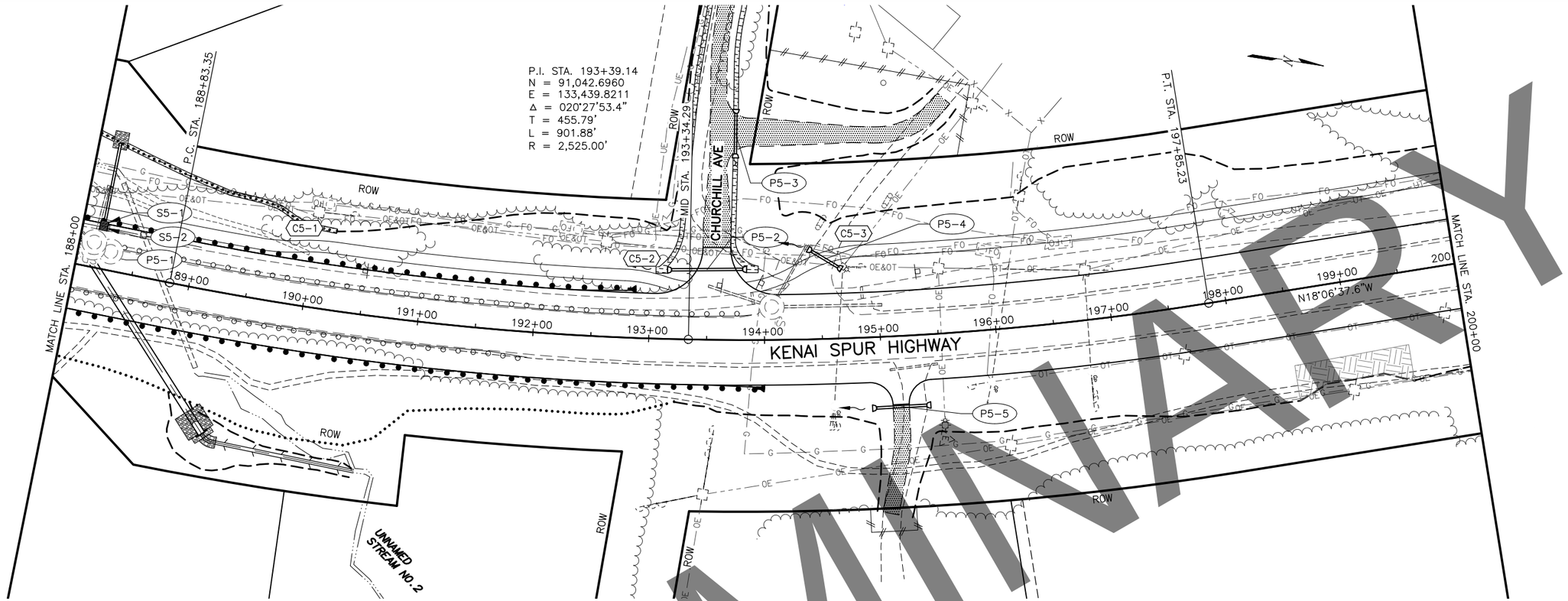
DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY – PH.2 – SPORTS LAKE TO EAGLE ROCK\CIV3019\PLANSET\00253_F1-F13 P&P.DWG

DESIGNED BY	ALH
CHECKED BY	ALH
DRAFTED BY	ALH

SCALE: 1" = 50'

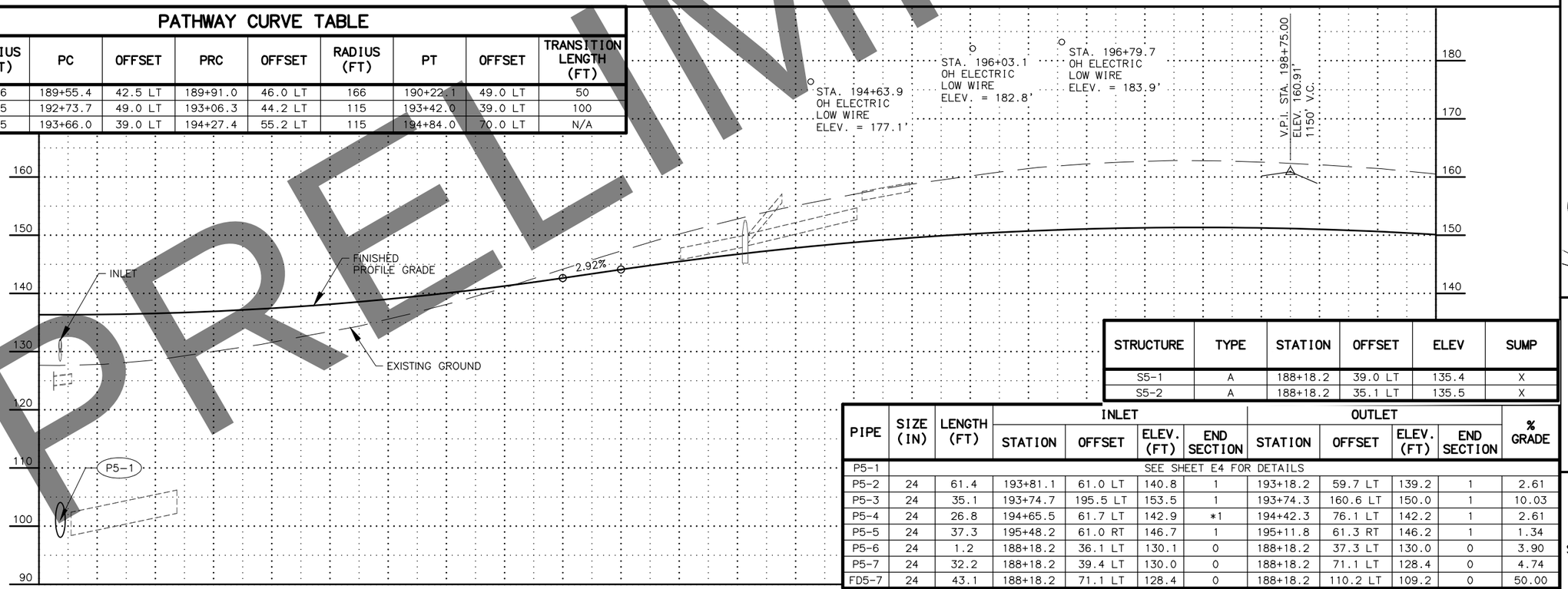
DATE TIME: 4/26/2022 10:21 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY – PH.2 – SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_F1-F13 P&P.DWG



PATHWAY CURVE TABLE

CURVE #	RADIUS (FT)	PC	OFFSET	PRC	OFFSET	RADIUS (FT)	PT	OFFSET	TRANSITION LENGTH (FT)
C5-1	166	189+55.4	42.5 LT	189+91.0	46.0 LT	166	190+22.1	49.0 LT	50
C5-2	115	192+73.7	49.0 LT	193+06.3	44.2 LT	115	193+42.0	39.0 LT	100
C5-3	115	193+66.0	39.0 LT	194+27.4	55.2 LT	115	194+84.0	70.0 LT	N/A



STRUCTURE	TYPE	STATION	OFFSET	ELEV	SUMP
S5-1	A	188+18.2	39.0 LT	135.4	X
S5-2	A	188+18.2	35.1 LT	135.5	X

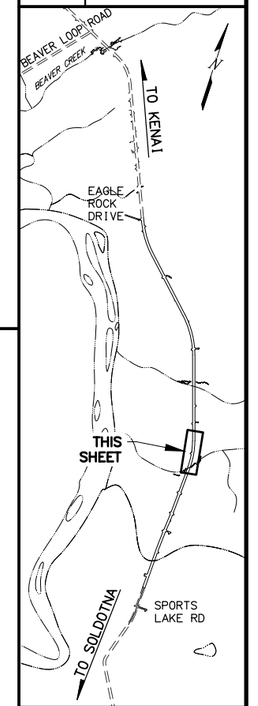
PIPE	SIZE (IN)	LENGTH (FT)	INLET STATION	INLET OFFSET	INLET ELEV. (FT)	INLET END SECTION	OUTLET STATION	OUTLET OFFSET	OUTLET ELEV. (FT)	OUTLET END SECTION	% GRADE
P5-1	SEE SHEET E4 FOR DETAILS										
P5-2	24	61.4	193+81.1	61.0 LT	140.8	1	193+18.2	59.7 LT	139.2	1	2.61
P5-3	24	35.1	193+74.7	195.5 LT	153.5	1	193+74.3	160.6 LT	150.0	1	10.03
P5-4	24	26.8	194+65.5	61.7 LT	142.9	*1	194+42.3	76.1 LT	142.2	1	2.61
P5-5	24	37.3	195+48.2	61.0 RT	146.7	1	195+11.8	61.3 RT	146.2	1	1.34
P5-6	24	1.2	188+18.2	36.1 LT	130.1	0	188+18.2	37.3 LT	130.0	0	3.90
P5-7	24	32.2	188+18.2	39.4 LT	130.0	0	188+18.2	71.1 LT	128.4	0	4.74
FD5-7	24	43.1	188+18.2	71.1 LT	128.4	0	188+18.2	110.2 LT	109.2	0	50.00

PRELIMINARY

SHEET NO.	TOTAL SHEETS
F5	F27
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
0221(019)/
CFHWY00253

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

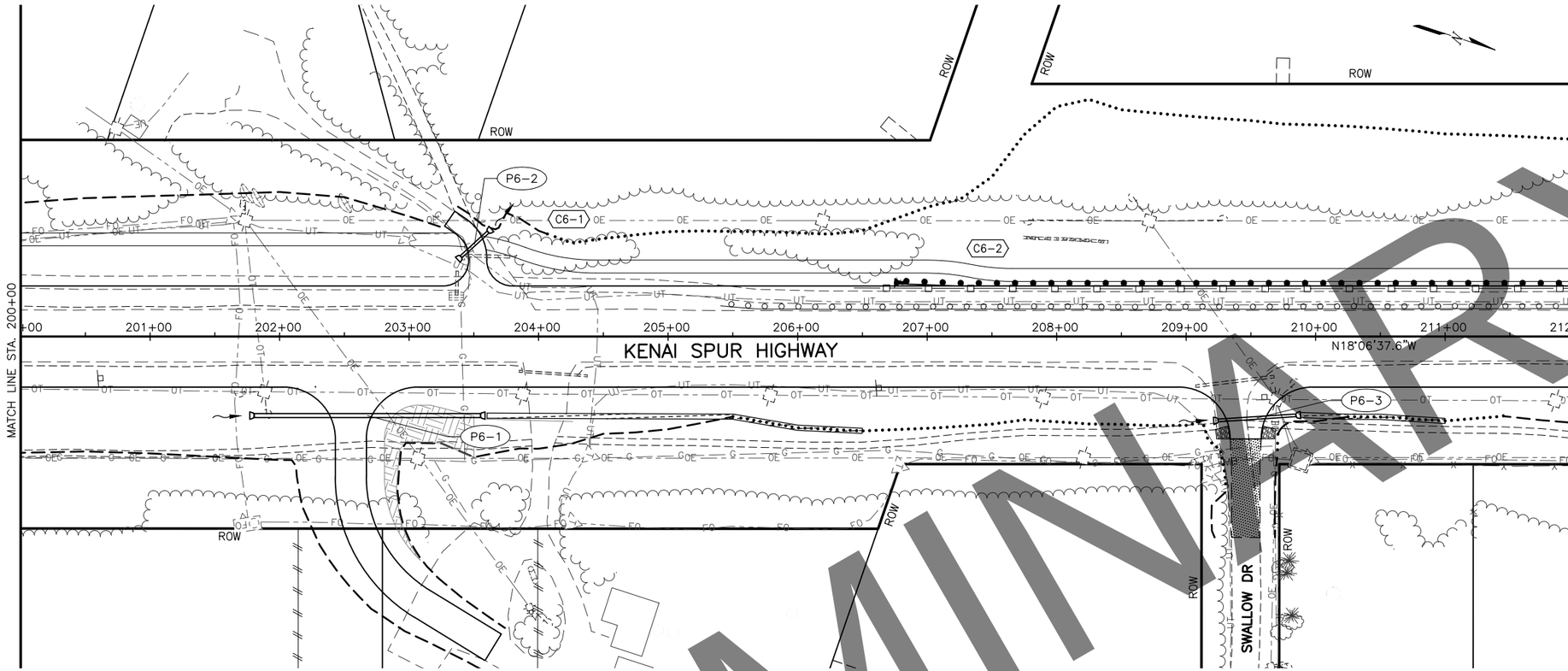


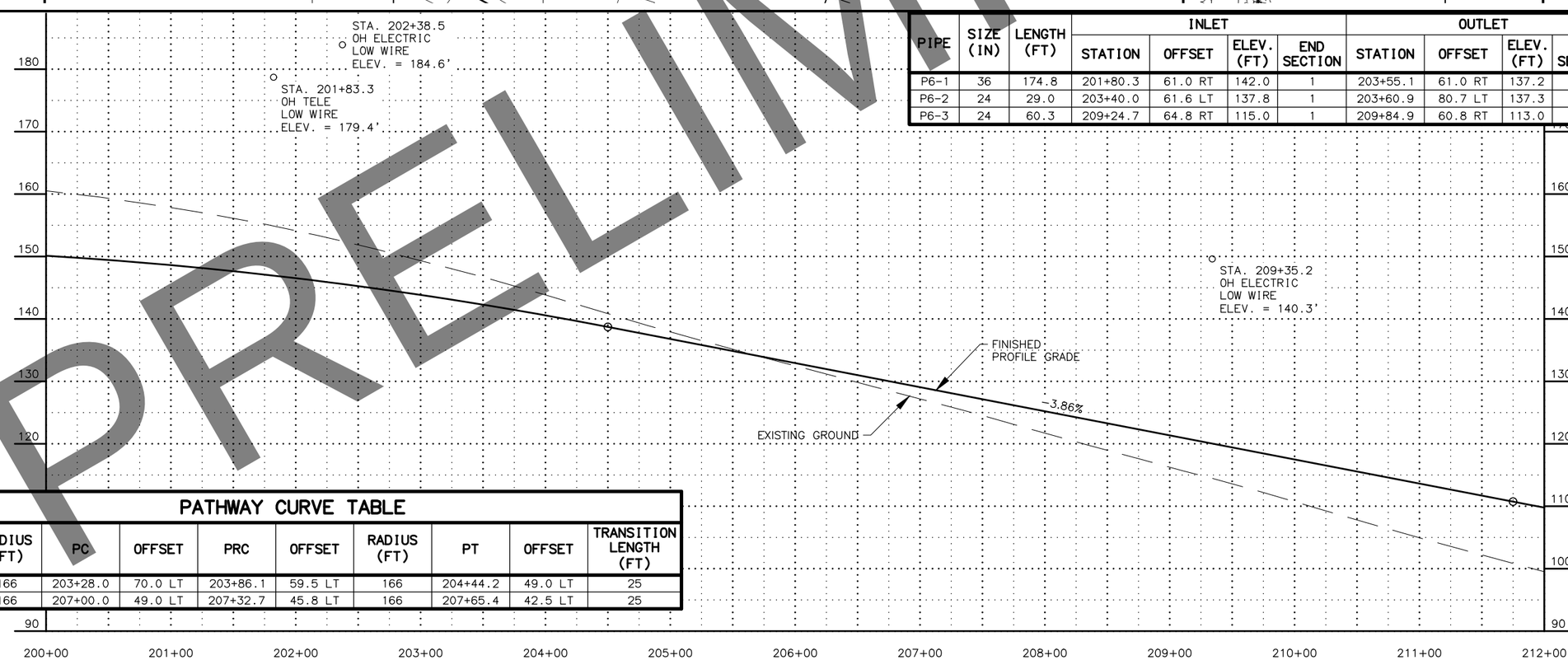
STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HWY REHAB:
SPORTS LAKE ROAD TO
SWIRES ROAD – PHASE II

PLAN SHEET
STA. 188+00 TO
STA. 200+00





PIPE	SIZE (IN)	LENGTH (FT)	INLET				OUTLET				% GRADE
			STATION	OFFSET	ELEV. (FT)	END SECTION	STATION	OFFSET	ELEV. (FT)	END SECTION	
P6-1	36	174.8	201+80.3	61.0 RT	142.0	1	203+55.1	61.0 RT	137.2	1	2.76
P6-2	24	29.0	203+40.0	61.6 LT	137.8	1	203+60.9	80.7 LT	137.3	1	1.73
P6-3	24	60.3	209+24.7	64.8 RT	115.0	1	209+84.9	60.8 RT	113.0	1	3.47

PATHWAY CURVE TABLE

CURVE #	RADIUS (FT)	PC	OFFSET	PRC	OFFSET	RADIUS (FT)	PT	OFFSET	TRANSITION LENGTH (FT)
C6-1	166	203+28.0	70.0 LT	203+86.1	59.5 LT	166	204+44.2	49.0 LT	25
C6-2	166	207+00.0	49.0 LT	207+32.7	45.8 LT	166	207+65.4	42.5 LT	25

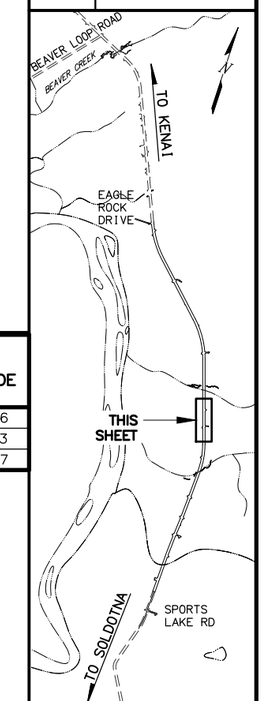
PRELIMINARY

SHEET NO.	TOTAL SHEETS
F6	F27
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION

0221(019)/
CFHWY00253

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



STATE OF ALASKA
49TH
AARON A. HUNTING
CE 106601
REGISTERED PROFESSIONAL ENGINEER

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

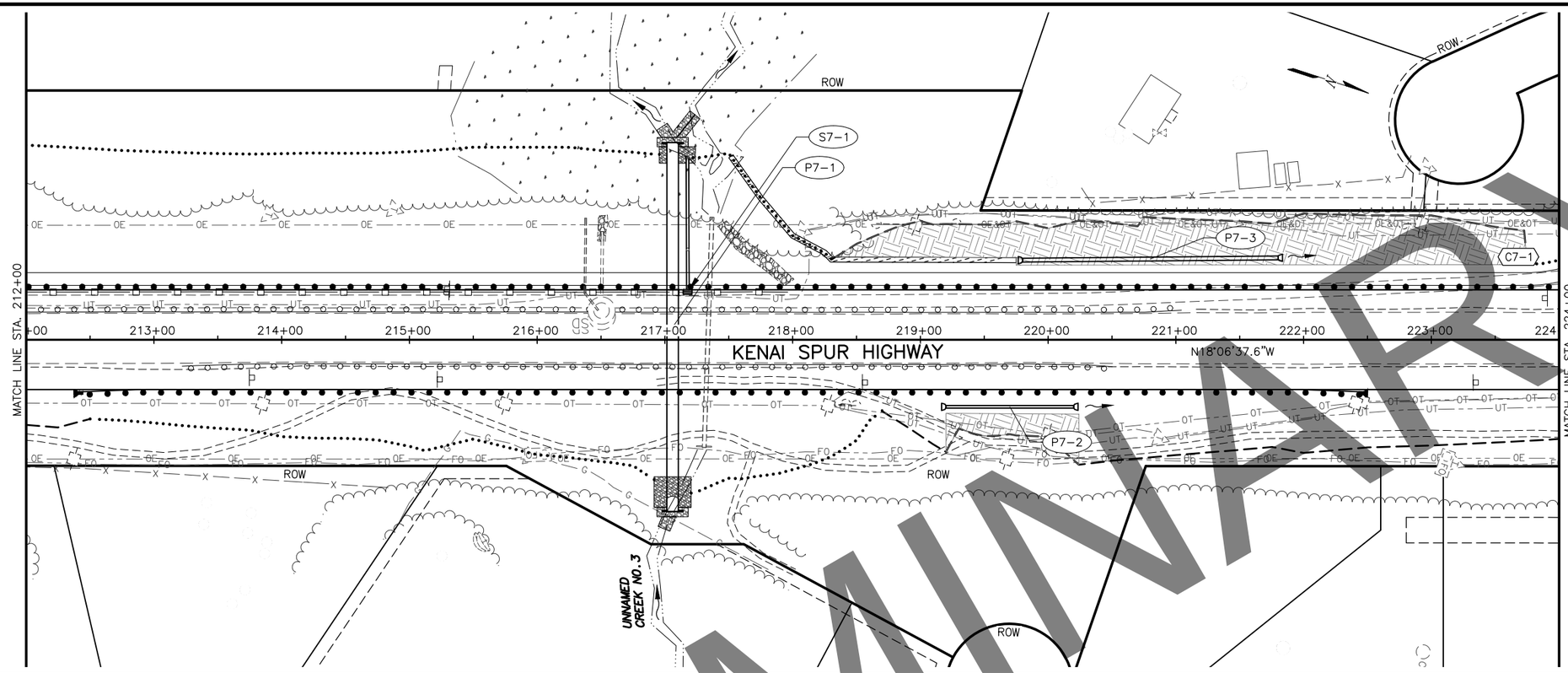
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HWY REHAB:
SPORTS LAKE ROAD TO
SWIRES ROAD – PHASE II

PLAN SHEET
STA. 200+00 TO
STA. 212+00

DESIGNED BY ALH
CHECKED BY ALH
DRAFTED BY ALH
SCALE 1" = 50'
DATE 4/26/2022 TIME 10:21 AM

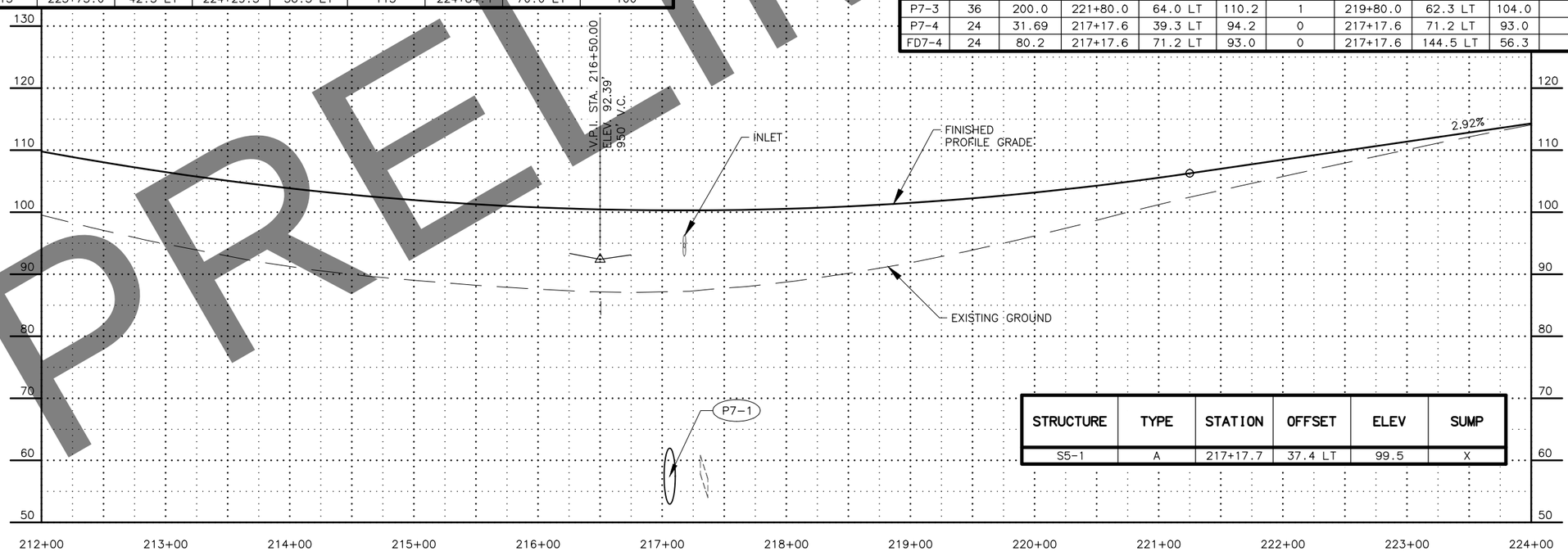
DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY – PH.2 – SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_F1-F13 P&P.DWG



PATHWAY CURVE TABLE

CURVE #	RADIUS (FT)	PC	OFFSET	PRC	OFFSET	RADIUS (FT)	PT	OFFSET	TRANSITION LENGTH (FT)
C7-1	115	223+75.0	42.5 LT	224+29.5	56.3 LT	115	224+84.1	70.0 LT	100

PIPE	SIZE (IN)	LENGTH (FT)	INLET STATION	INLET OFFSET	INLET ELEV. (FT)	INLET END SECTION	OUTLET STATION	OUTLET OFFSET	OUTLET ELEV. (FT)	OUTLET END SECTION	% GRADE
P7-1	SEE SHEET E5										
P7-2	24	100.0	220+20.0	52.5 RT	97.8	1	219+20.0	52.5 RT	96.0	1	1.79
P7-3	36	200.0	221+80.0	64.0 LT	110.2	1	219+80.0	62.3 LT	104.0	1	3.13
P7-4	24	31.69	217+17.6	39.3 LT	94.2	0	217+17.6	71.2 LT	93.0	0	4.22
FD7-4	24	80.2	217+17.6	71.2 LT	93.0	0	217+17.6	144.5 LT	56.3	0	50.00



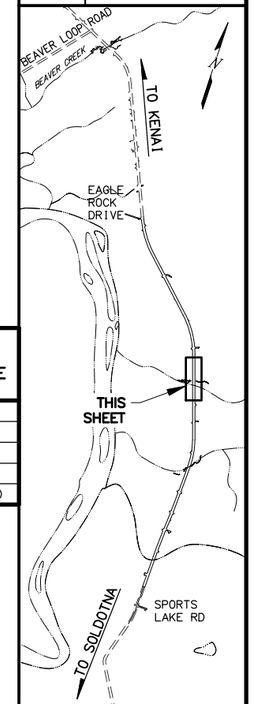
STRUCTURE	TYPE	STATION	OFFSET	ELEV	SUMP
S5-1	A	217+17.7	37.4 LT	99.5	X

PRELIMINARY

SHEET NO.	TOTAL SHEETS
F7	F27
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
0221(019)/
CFHWY00253

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



STATE OF ALASKA
49TH
AARON C. HUNTING
CE 106601
REGISTERED PROFESSIONAL ENGINEER

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HWY REHAB:
SPORTS LAKE ROAD TO
SWIRES ROAD – PHASE II

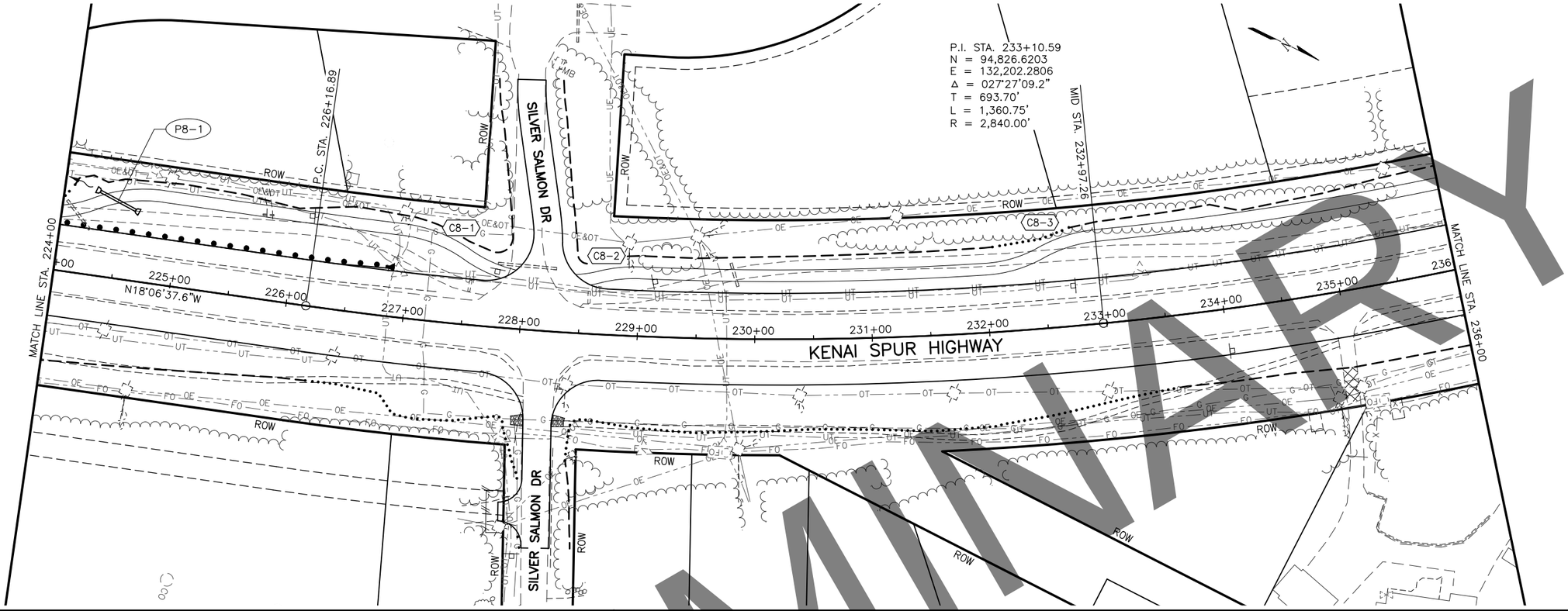
PLAN SHEET
STA. 212+00 TO
STA. 224+00

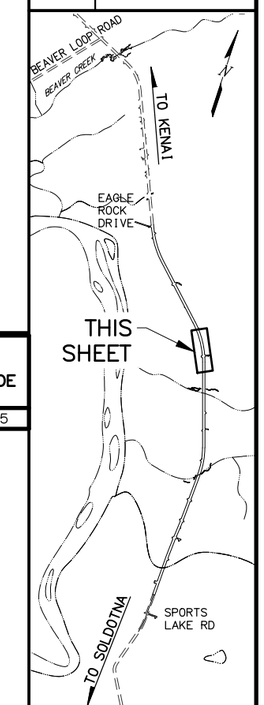
DESIGNED BY ALH
CHECKED BY ALH
DRAFTED BY ALH

SCALE 1" = 50'

DATE TIME
4/26/2022 10:21 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY – PH.2 – SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_F1-F13 P&P.DWG

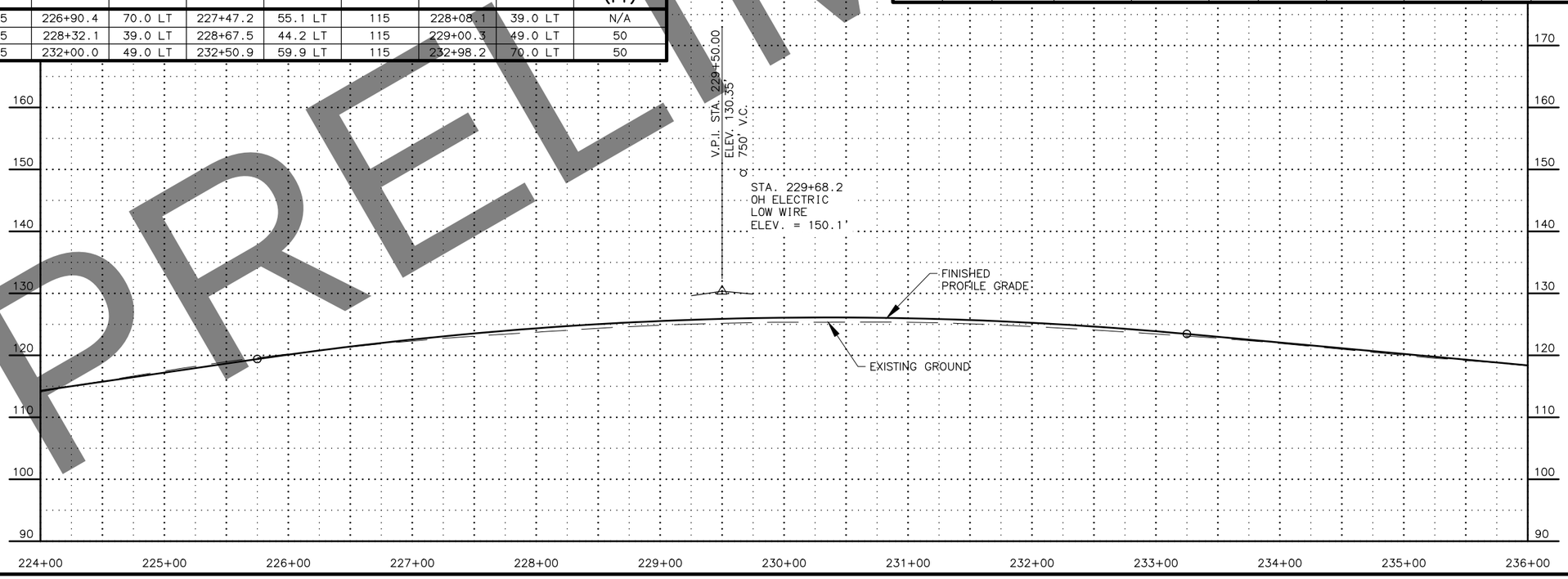




PATHWAY CURVE TABLE

CURVE #	RADIUS (FT)	PC	OFFSET	PRC	OFFSET	RADIUS (FT)	PT	OFFSET	TRANSITION LENGTH (FT)
C8-1	115	226+90.4	70.0 LT	227+47.2	55.1 LT	115	228+08.1	39.0 LT	N/A
C8-2	115	228+32.1	39.0 LT	228+67.5	44.2 LT	115	229+00.3	49.0 LT	50
C8-3	115	232+00.0	49.0 LT	232+50.9	59.9 LT	115	232+98.2	70.0 LT	50

PIPE	SIZE (IN)	LENGTH (FT)	INLET				OUTLET				% GRADE
			STATION	OFFSET	ELEV. (FT)	END SECTION	STATION	OFFSET	ELEV. (FT)	END SECTION	
P8-1	24	34.0	224+62.3	59.9 LT	112.8	*1	224+30.4	71.7 LT	111.9	1	2.65



PRELIMINARY

SHEET NO.	TOTAL SHEETS
F8	F27
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION

0221(019)/ CFHWY00253

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

STATE OF ALASKA 49TH AARON M. HUNTING CE 106601 REGISTERED PROFESSIONAL ENGINEER

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

KENAI SPUR HWY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

PLAN SHEET
STA. 224+00 TO STA. 236+00

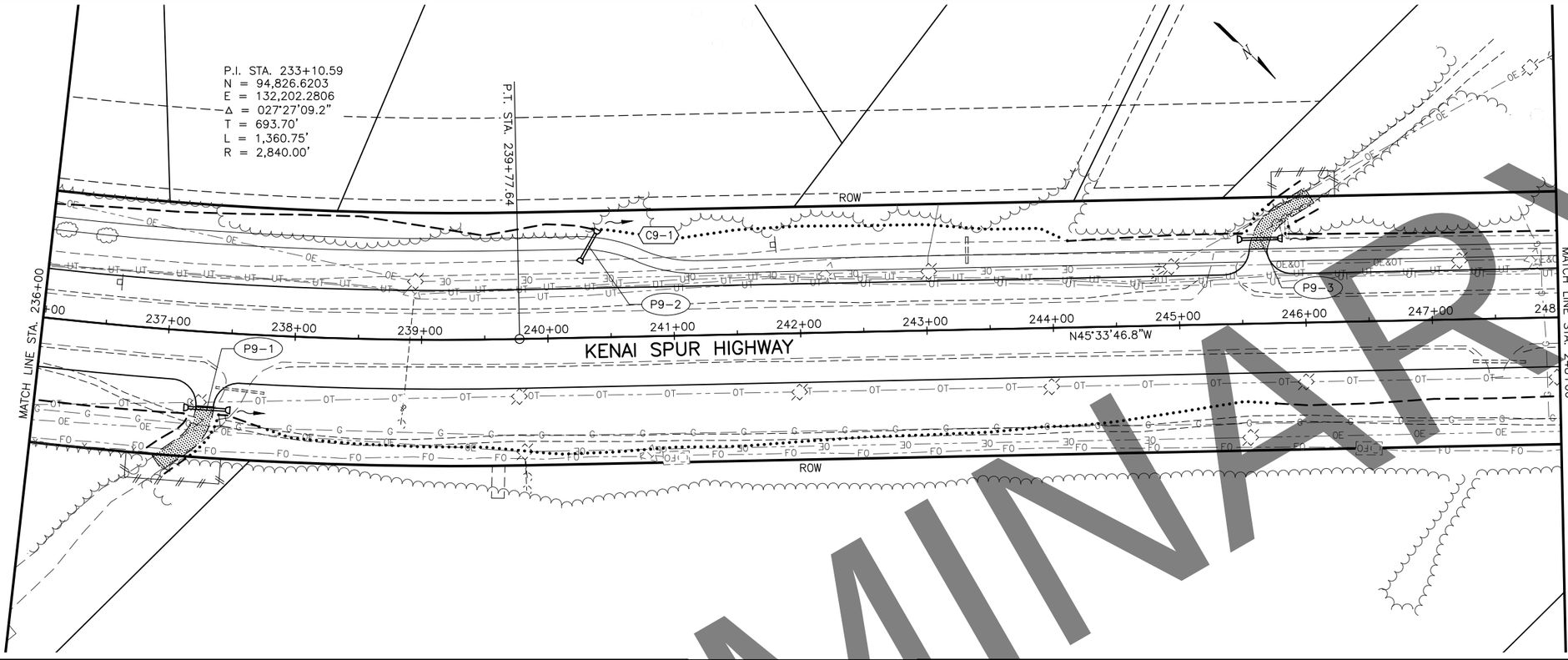
DESIGNED BY ALH
CHECKED BY ALH
DRAFTED BY DLP
SCALE 1" = 50'
DATE 4/26/2022 TIME 10:21 AM
DRAWING LOCATION W:\PROJECTS\CFHWY00253 KENAI SPUR HWY – PH.2 – SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_F1-F13 P&P.DWG

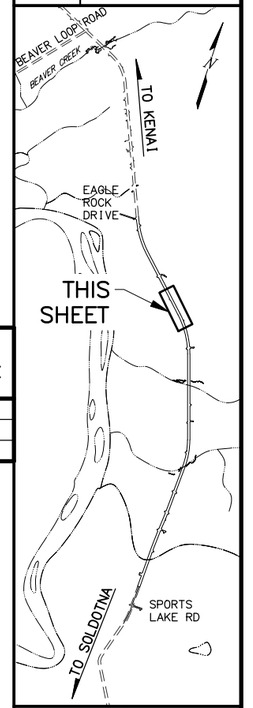
DESIGNED BY	A.H.
CHECKED BY	A.H.
DRAFTED BY	D.L.P.

SCALE
1" = 50'

DATE	TIME
4/26/2022	10:22 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY – PH.2 – SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_F1-F13 P&P.DWG





SHEET NO.	TOTAL SHEETS
F9	F27
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION

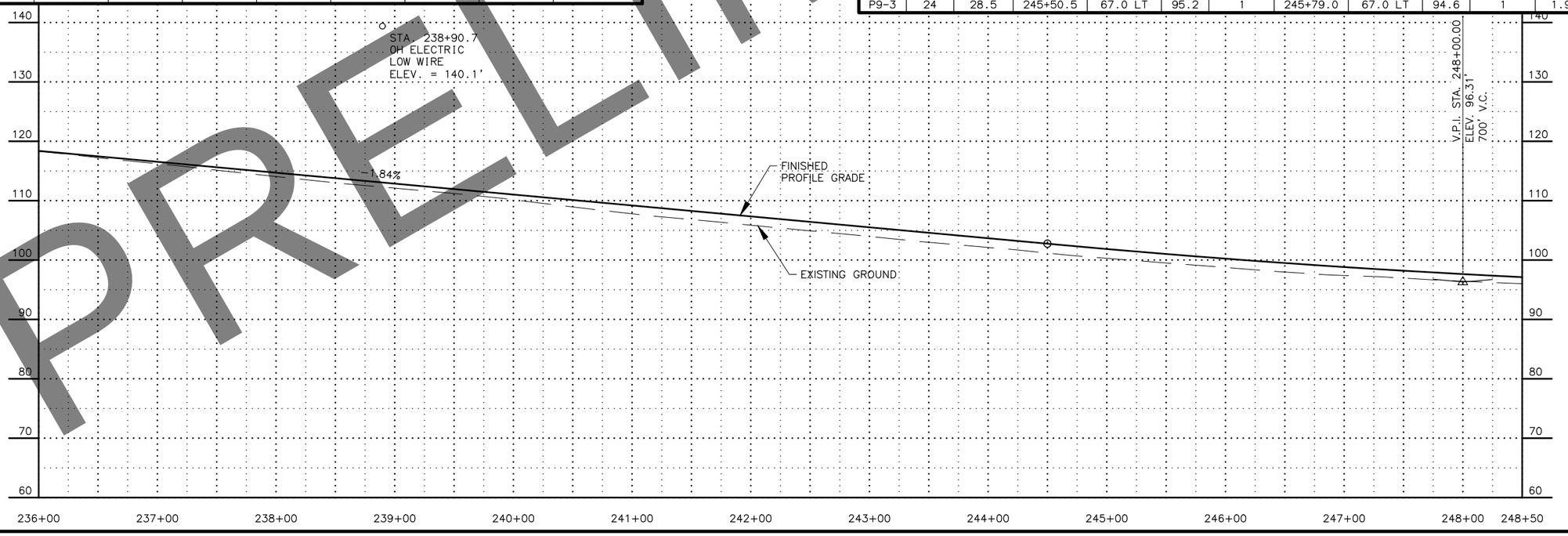
0221(019)/
CFHWY00253

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

PATHWAY CURVE TABLE

CURVE #	RADIUS (FT)	PC	OFFSET	PRC	OFFSET	RADIUS (FT)	PT	OFFSET	TRANSITION LENGTH (FT)
C9-1	115	240+23.5	70.0 LT	240+71.5	59.5 LT	115	241+19.5	49.0 LT	50

PIPE	SIZE (IN)	LENGTH (FT)	INLET				OUTLET				% GRADE
			STATION	OFFSET	ELEV. (FT)	END SECTION	STATION	OFFSET	ELEV. (FT)	END SECTION	
P9-1	24	29.6	237+19.4	60.7 RT	113.9	1	237+48.5	60.7 RT	113.3	1	2.03
P9-2	24	22.7	240+28.0	62.7 LT	106.5	1	240+39.5	82.2 LT	106.2	1	1.32
P9-3	24	28.5	245+50.5	67.0 LT	95.2	1	245+79.0	67.0 LT	94.6	1	1.98



PRELIMINARY

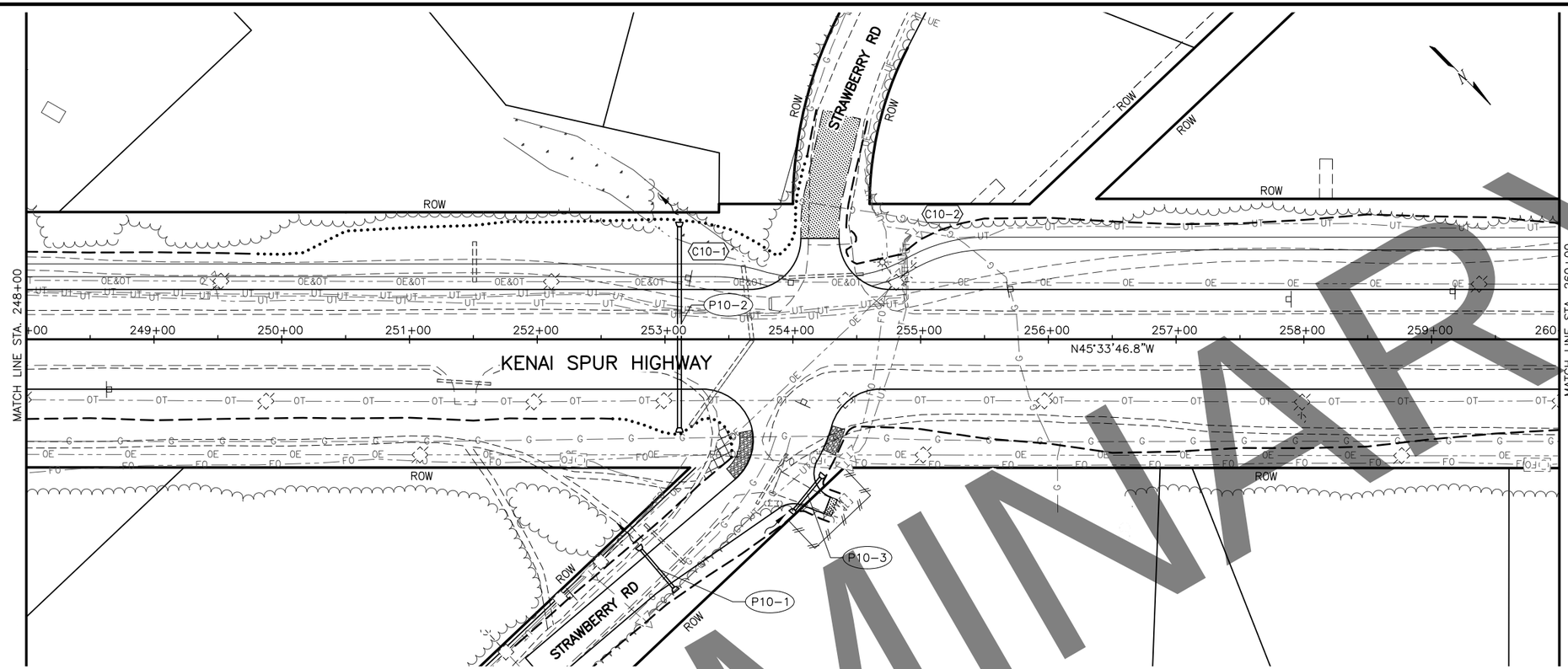
STATE OF ALASKA
49TH
AARON C. HUNTING
CE 106601
REGISTERED PROFESSIONAL ENGINEER

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HWY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

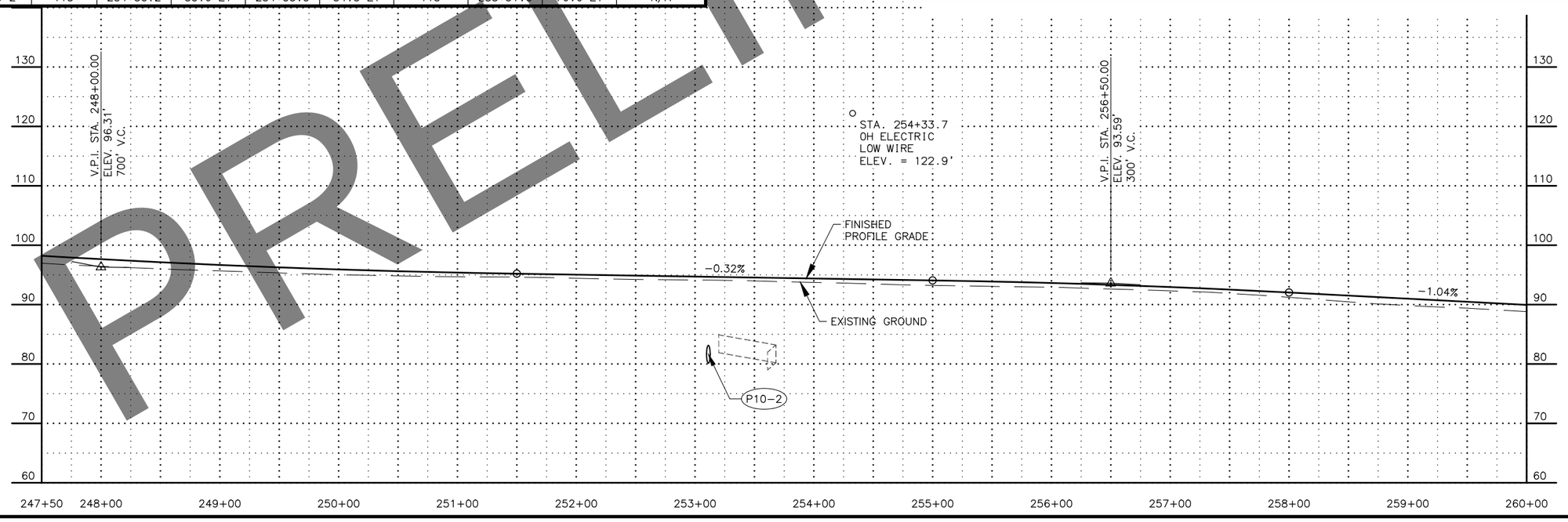
PLAN SHEET
STA. 236+00 TO
STA. 248+00



PATHWAY CURVE TABLE

CURVE #	RADIUS (FT)	PC	OFFSET	PRC	OFFSET	RADIUS (FT)	PT	OFFSET	TRANSITION LENGTH (FT)
C10-1	115	253+39.2	49.0 LT	253+72.7	44.0 LT	115	254+06.3	39.0 LT	50
C10-2	115	254+36.2	39.0 LT	254+93.9	54.5 LT	115	255+51.6	70.0 LT	N/A

PIPE	SIZE (IN)	LENGTH (FT)	INLET				OUTLET				% GRADE
			STATION	OFFSET	ELEV. (FT)	END SECTION	STATION	OFFSET	ELEV. (FT)	END SECTION	
P10-1	24	39.0	253+06.6	194.5 RT	89.2	1	252+81.4	164.8 RT	89.0	1	0.51
P10-2	36	157.7	253+11.2	69.3 RT	82.8	1	253+11.2	88.3 LT	76.7	1	3.85
P10-3	24	32.2	254+21.6	108.5 RT	89.7	1	254+01.3	133.4 RT	89.5	1	0.62

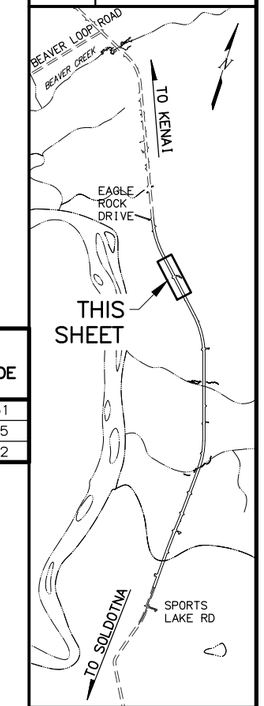


PRELIMINARY

SHEET NO.	TOTAL SHEETS
F10	F27
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
0221(019)/
CFHWY00253

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



STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HWY REHAB:
SPORTS LAKE ROAD TO
SWIRES ROAD – PHASE II

PLAN SHEET
STA. 248+00 TO
STA. 260+00

DESIGNED BY ALH
CHECKED BY ALH
DRAFTED BY DLP

SCALE 1" = 50'

DATE TIME
4/26/2022 10:22 AM

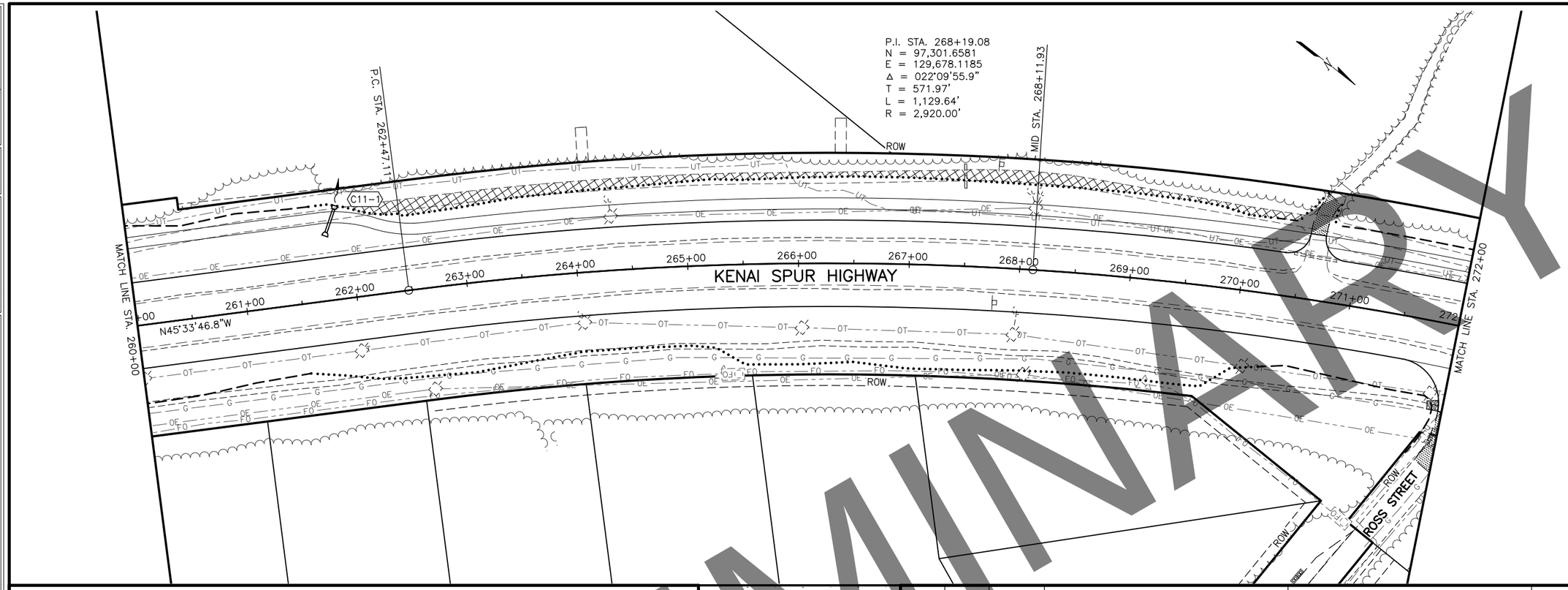
DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY – PH.2 – SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_F1-F13 P&P.DWG

DESIGNED BY	A.L.H
CHECKED BY	A.L.H
DRAFTED BY	D.L.P

SCALE
1" = 50'

DATE	TIME
4/26/2022	10:22 AM

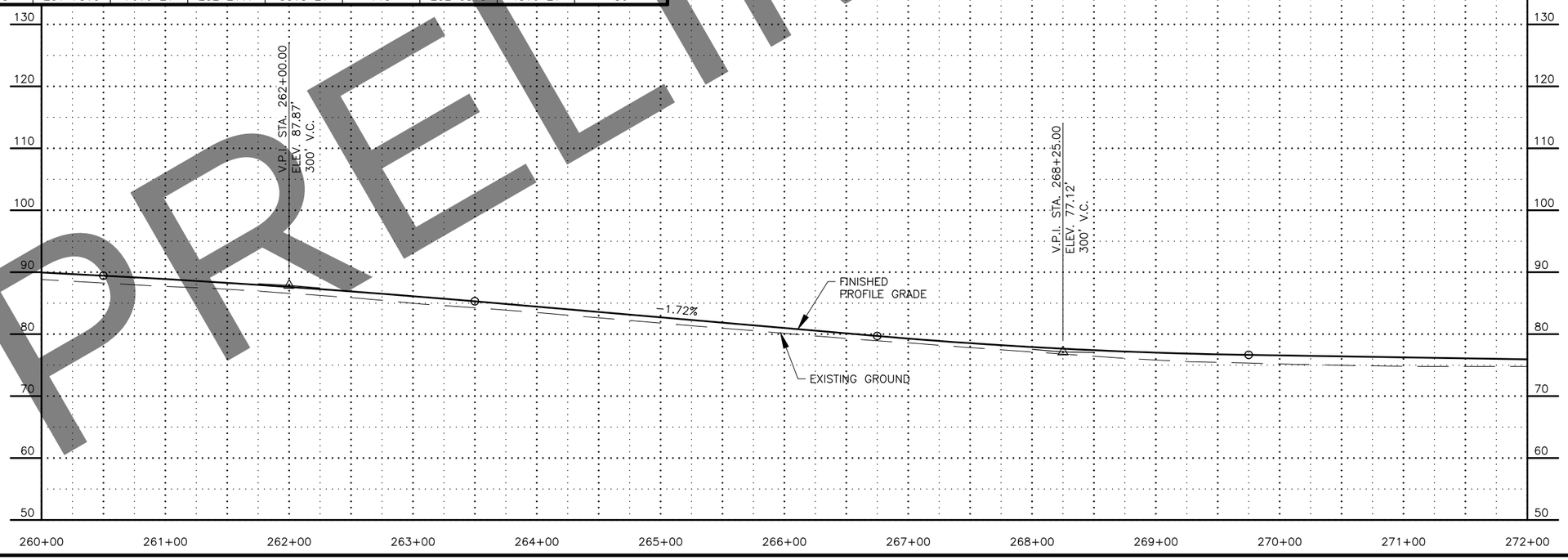
DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_F1-F13 P&P.DWG



PATHWAY CURVE TABLE

CURVE #	RADIUS (FT)	PC	OFFSET	PRC	OFFSET	RADIUS (FT)	PT	OFFSET	TRANSITION LENGTH (FT)
C11-1	115	261+73.6	70.0 LT	262+21.7	59.5 LT	115	262+68.5	49.0 LT	50

PIPE	SIZE (IN)	LENGTH (FT)	INLET				OUTLET				% GRADE
			STATION	OFFSET	ELEV. (FT)	END SECTION	STATION	OFFSET	ELEV. (FT)	END SECTION	
P11-1	24	21.9	261+79.6	61.6 LT	85.6	1	261+89.2	81.2 LT	85.1	1	2.28

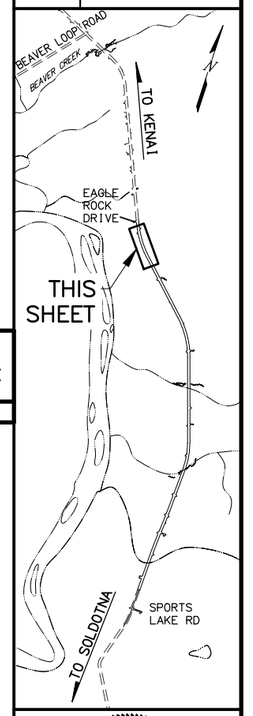


PRELIMINARY

SHEET NO.	TOTAL SHEETS
F11	F27
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
0221(019)/
CFHWY00253

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



STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HWY REHAB:
SPORTS LAKE ROAD TO
SWIRES ROAD – PHASE II

PLAN SHEET
STA. 260+00 TO
STA. 272+00

DESIGNED BY	ALH
CHECKED BY	ALH
DRAFTED BY	DLP

SCALE: 1" = 50'

DATE TIME: 4/26/2022 10:22 AM

DRAWING LOCATION: W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_F1-F13 P&P.DWG

P.I. STA. 268+19.08
N = 97,301.6581
E = 129,678.1185
Δ = 022°09'55.9"
T = 571.97'
L = 1,129.64'
R = 2,920.00'

P.T. STA. 273+76.75

EAGLE ROCK DRIVE

P12-1

C12-1

C12-2

ROW

MATCH LINE STA. 272+00

MATCH LINE STA. 284+00

KENAI SPUR HIGHWAY

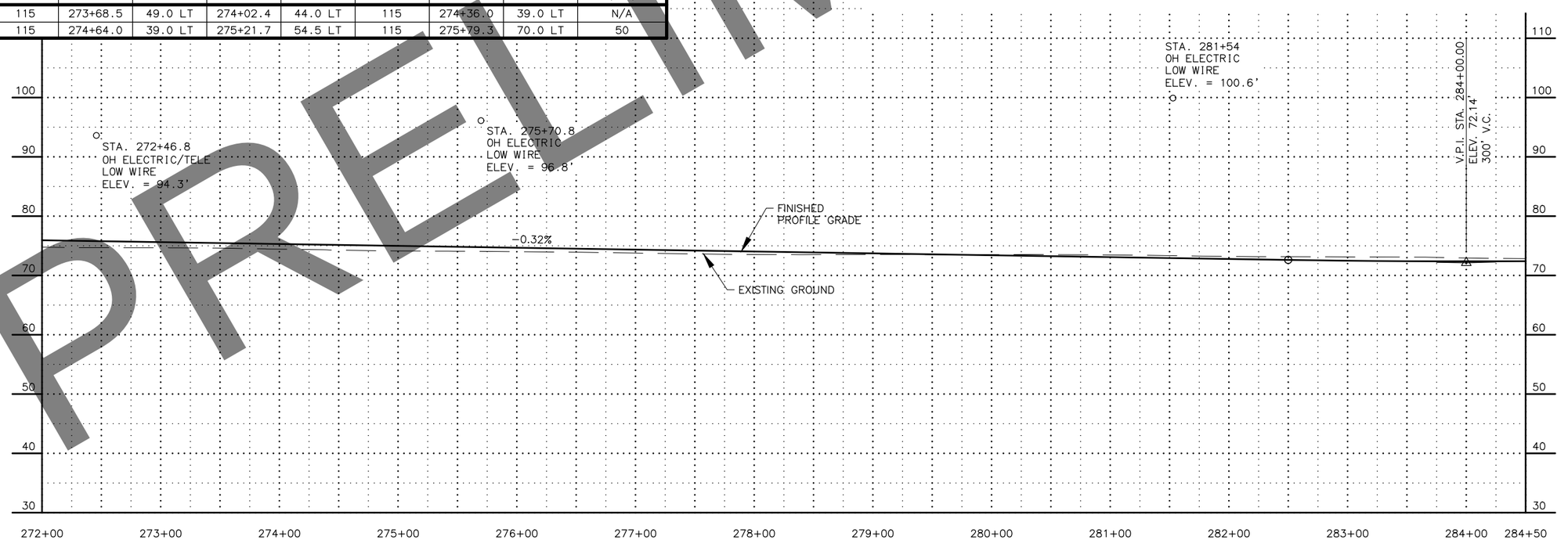
N23°23'50.9"W

273+00 274+00 275+00 276+00 277+00 278+00 279+00 280+00 281+00 282+00 283+00 284+00

PATHWAY CURVE TABLE

CURVE #	RADIUS (FT)	PC	OFFSET	PRC	OFFSET	RADIUS (FT)	PT	OFFSET	TRANSITION LENGTH (FT)
C12-1	115	273+68.5	49.0 LT	274+02.4	44.0 LT	115	274+36.0	39.0 LT	N/A
C12-2	115	274+64.0	39.0 LT	275+21.7	54.5 LT	115	275+79.3	70.0 LT	50

PIPE	SIZE (IN)	LENGTH (FT)	INLET				OUTLET				% GRADE
			STATION	OFFSET	ELEV. (FT)	END SECTION	STATION	OFFSET	ELEV. (FT)	END SECTION	
P12-1	18	26.3	274+37.1	137.0 LT	70.0	1	274+29.3	111.9 LT	69.9	1	0.38

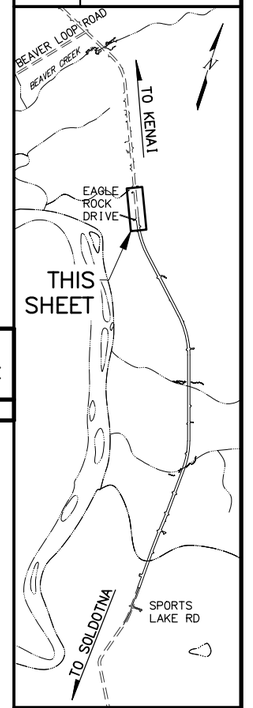


PRELIMINARY

SHEET NO.	TOTAL SHEETS
F12	F27
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
0221(019)/
CFHWY00253

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



STATE OF ALASKA
49TH
AARON HUNTING
CE 106601
REGISTERED PROFESSIONAL ENGINEER

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HWY REHAB:
SPORTS LAKE ROAD TO
SWIRES ROAD – PHASE II

PLAN SHEET
STA. 272+00 TO
STA. 284+00

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_F1-F13 P&P.DWG

DATE	TIME
4/26/2022	10:23 AM

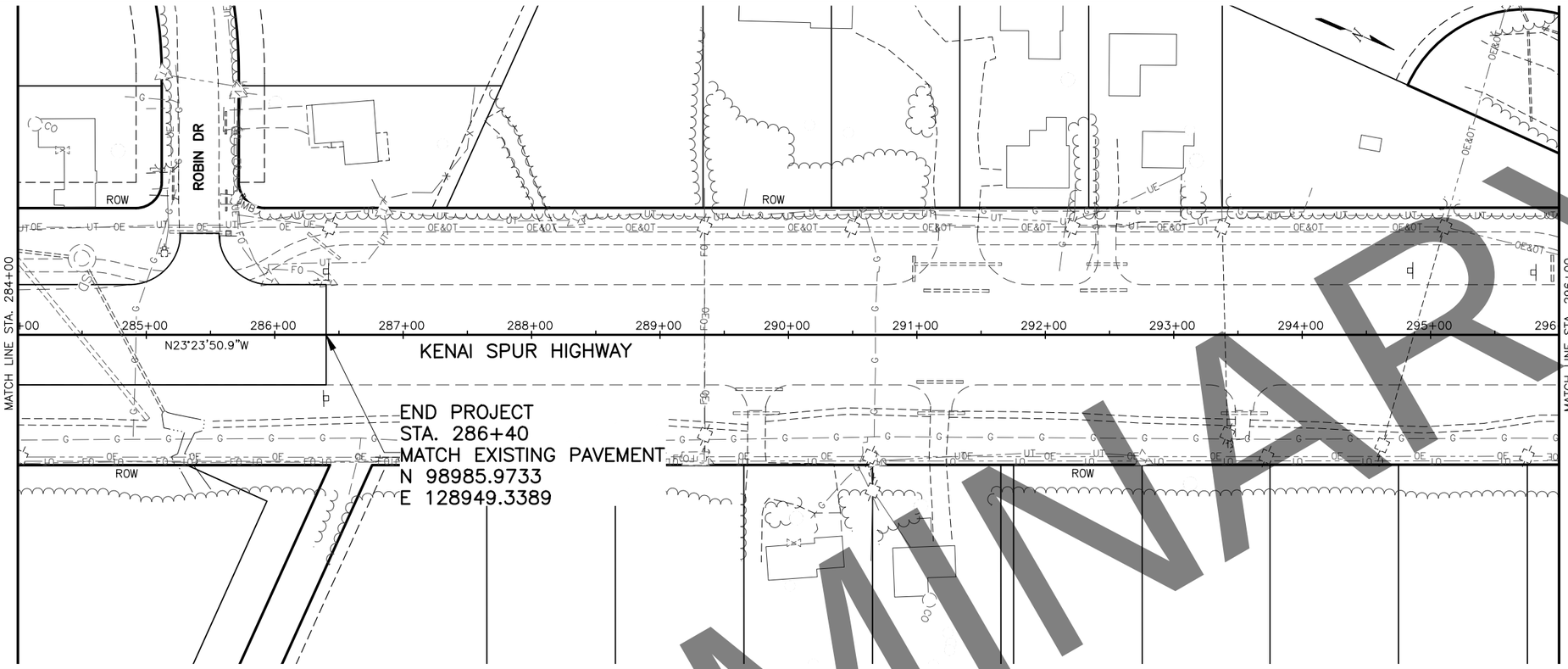
SCALE
1" = 50'

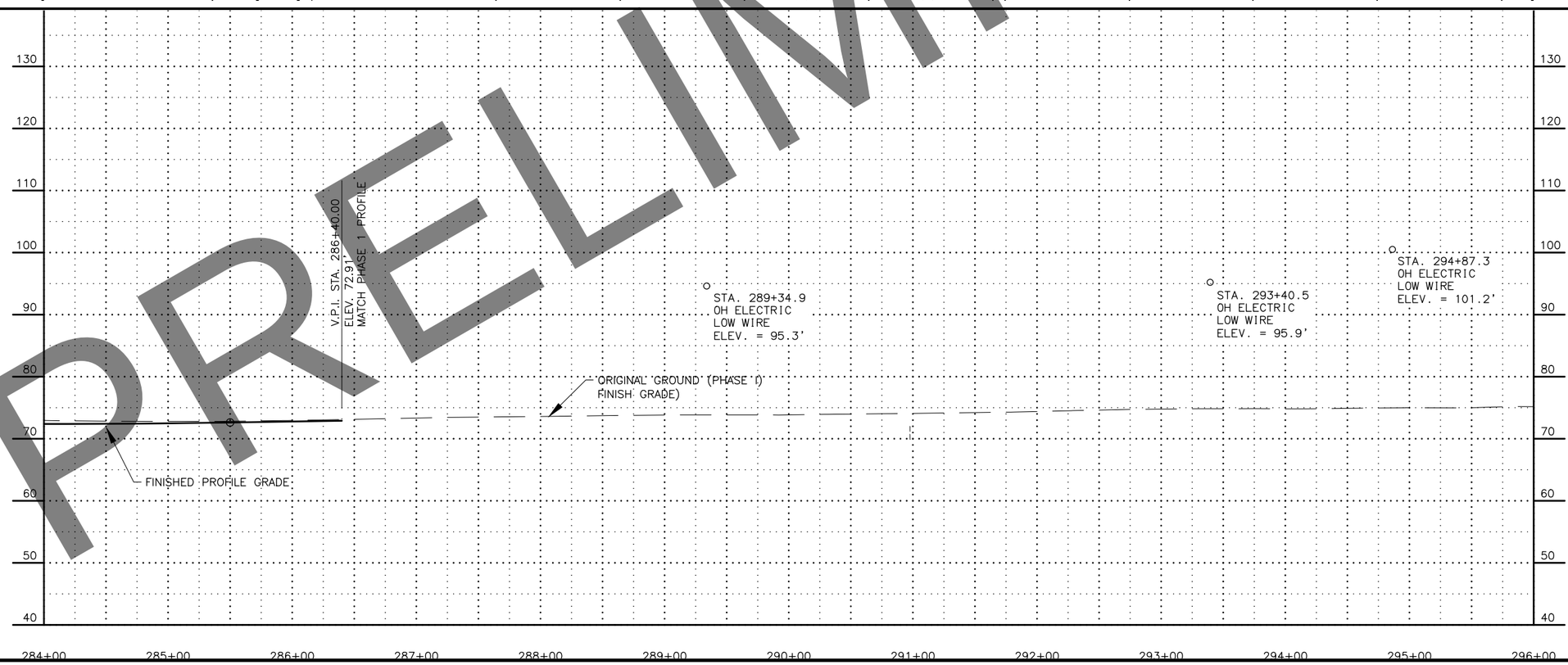
DESIGNED BY	ALH
CHECKED BY	ALH
DRAFTED BY	DLP

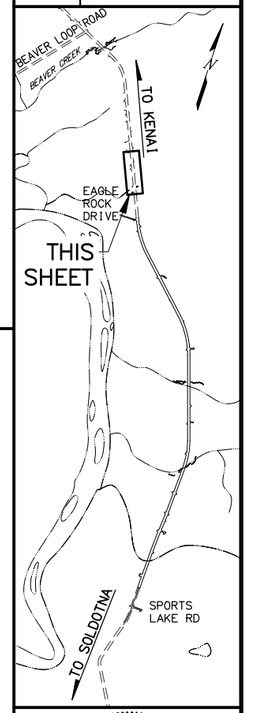
SHEET NO.	TOTAL SHEETS
F13	F27
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
0221(019)/
CFHWY00253

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







STATE OF ALASKA
★ 49TH ★
AARON HUNTING
CE 106601
REGISTERED PROFESSIONAL ENGINEER

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HWY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

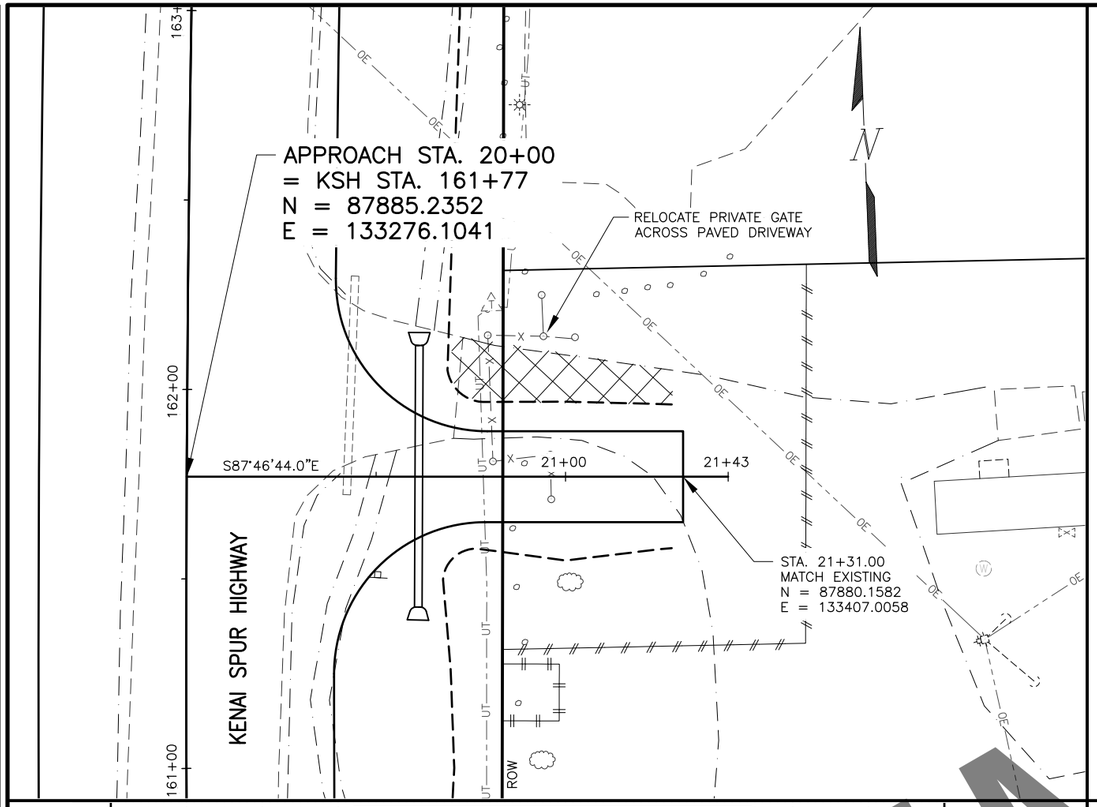
PLAN SHEET
STA. 284+00 TO
STA. 296+00

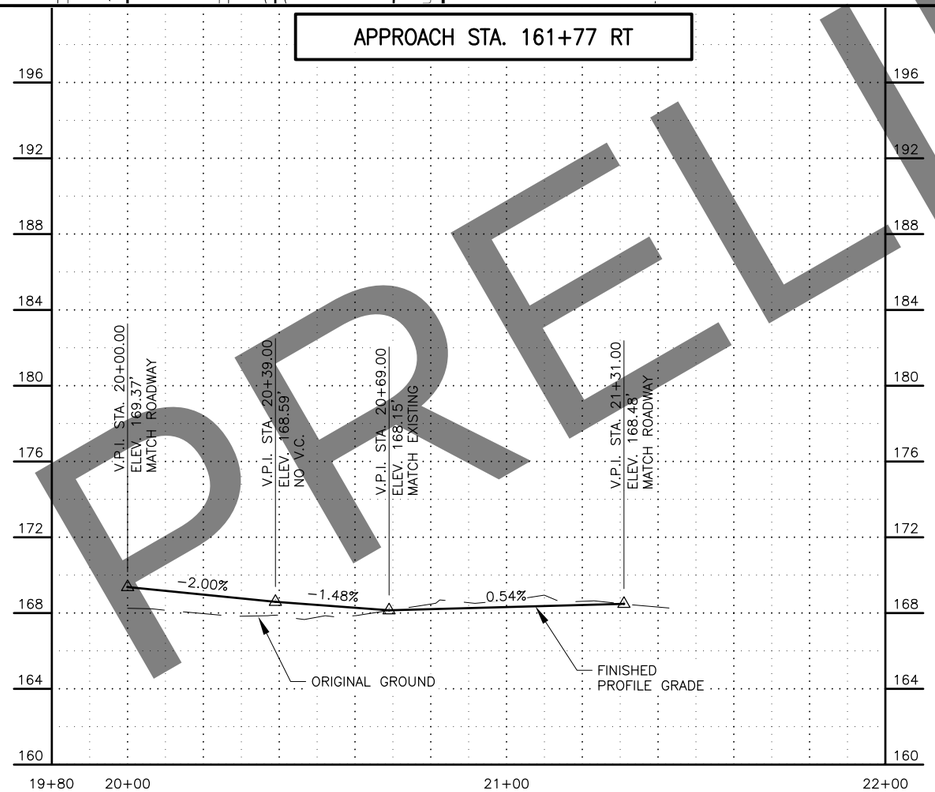
PRELIMINARY

PRELIMINARY

DESIGNED BY	A.L.H.
CHECKED BY	A.L.H.
DRAFTED BY	D.L.P.
SCALE	1" = 20'
DATE	4/26/2022
TIME	1:46 PM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY – PH.2 – SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_F14-F22_DW.DWG

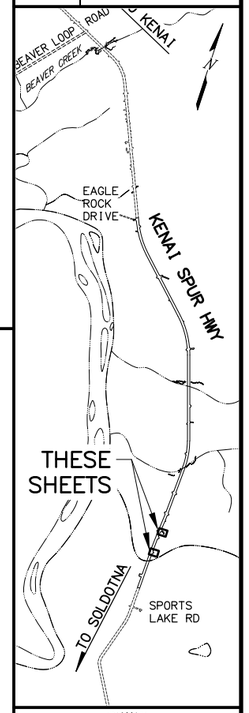




SHEET NO.	TOTAL SHEETS
F14	F27
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
0221(019)/
CFHWY00253

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



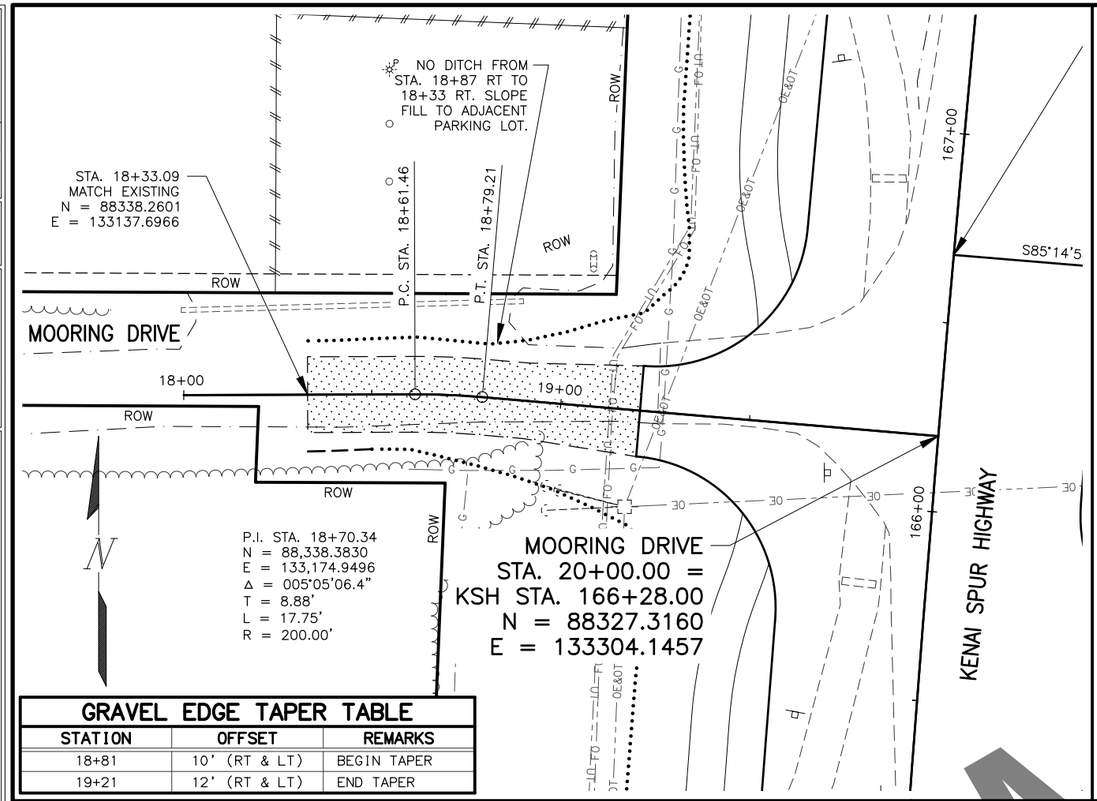
STATE OF ALASKA
49TH
CERT
AARON HUNTING
PE 106601
REGISTERED PROFESSIONAL ENGINEER

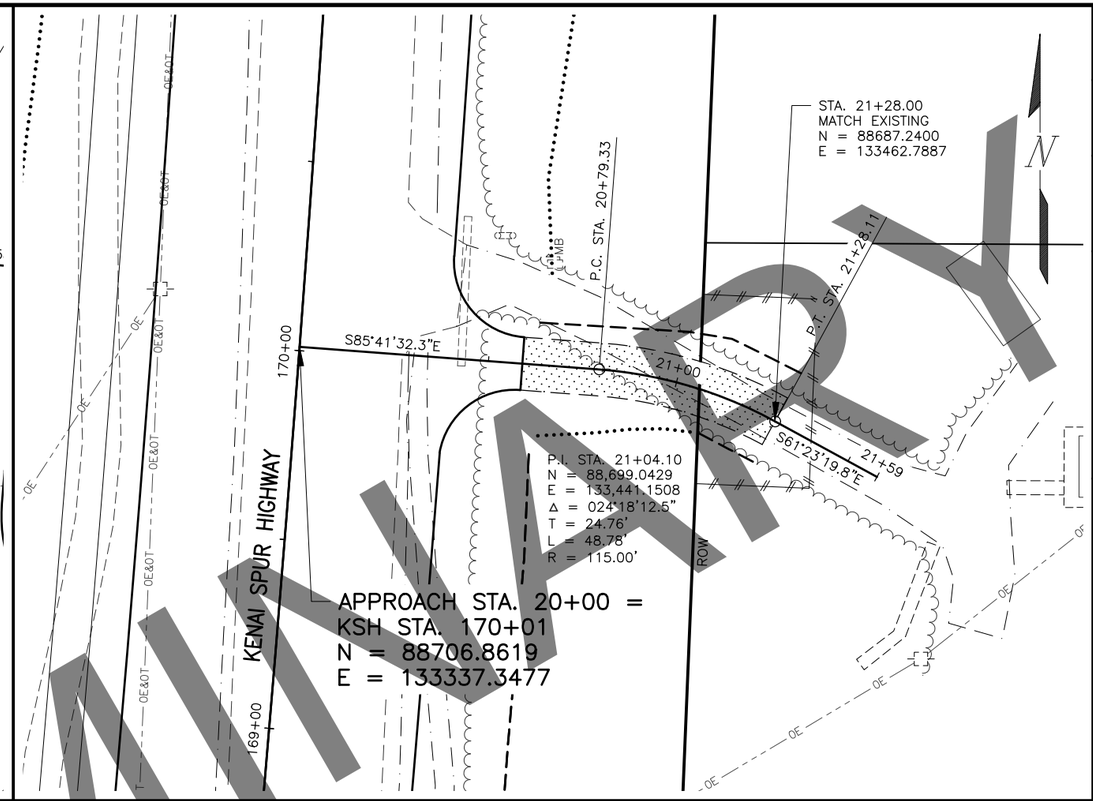
STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HWY REHAB:
SPORTS LAKE ROAD TO
SWIRES ROAD – PHASE II

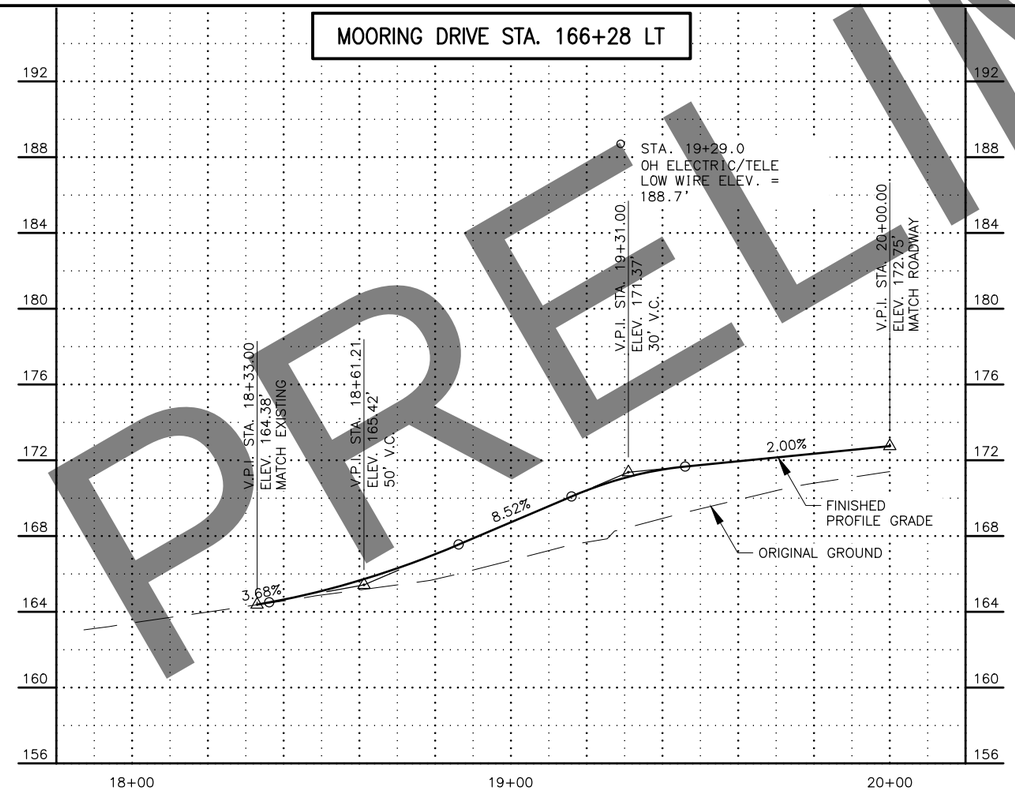
APPROACH
PLAN AND PROFILES

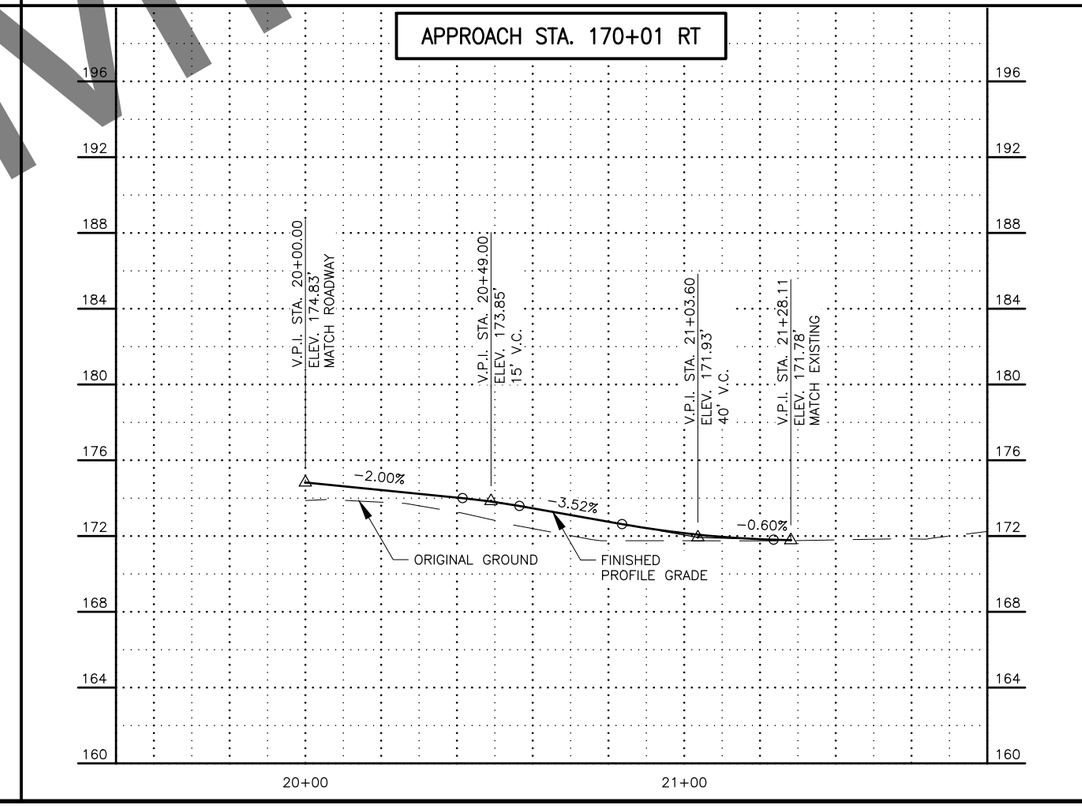


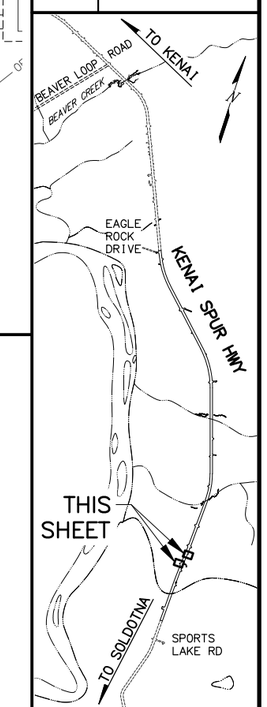


GRAVEL EDGE TAPER TABLE

STATION	OFFSET	REMARKS
18+81	10' (RT & LT)	BEGIN TAPER
19+21	12' (RT & LT)	END TAPER







SHEET NO.	TOTAL SHEETS
F15	F27
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
0221(019)/
CFHWY00253

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

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HWY REHAB:
SPORTS LAKE ROAD TO
SWIRES ROAD – PHASE II

APPROACH
PLAN AND PROFILES

DESIGNED BY ALH
CHECKED BY ALH
DRAFTED BY DLP
SCALE 1" = 20'
DATE 4/26/2022 TIME 10:24 AM
DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY – PH.2 – SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_F14-F22_DW.DWG

PRELIMINARY

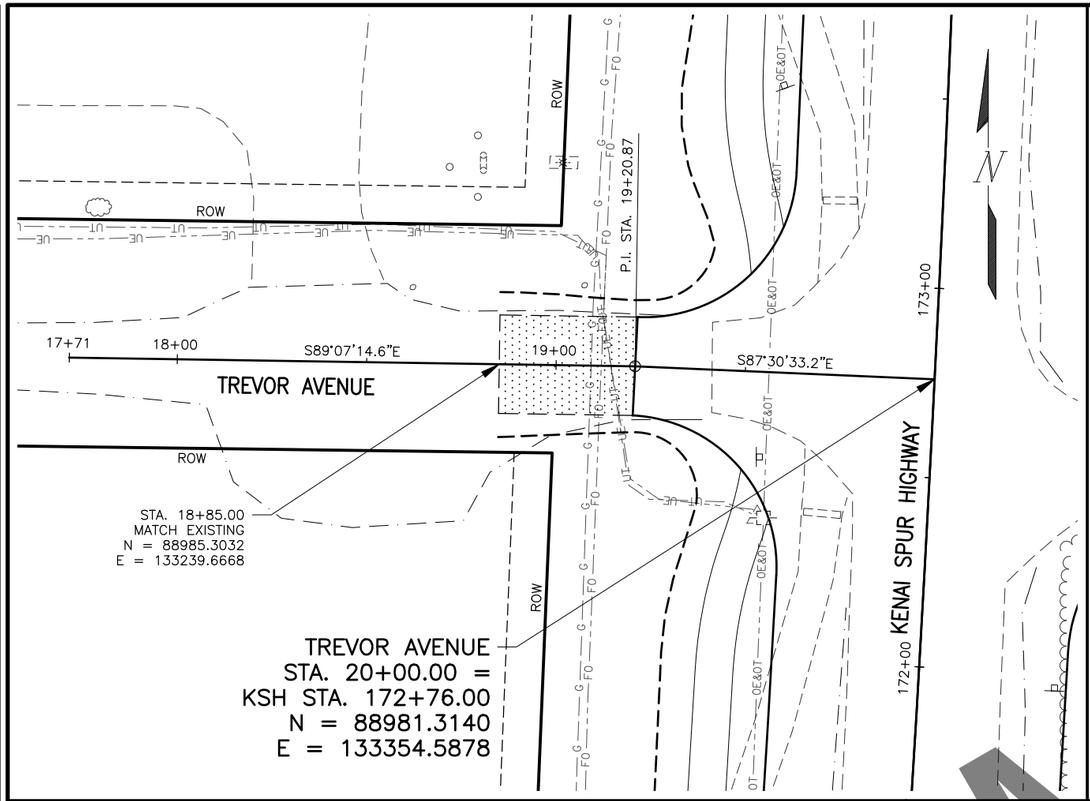
PRELIMINARY

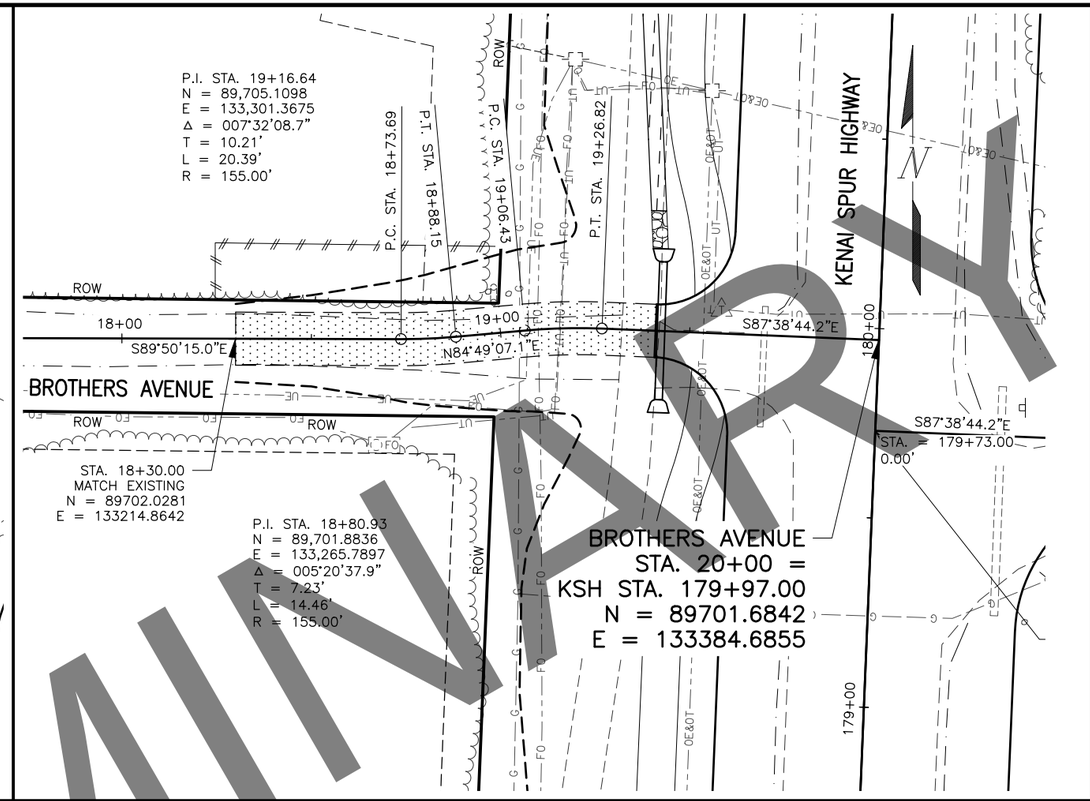
DESIGNED BY	ALH
CHECKED BY	ALH
DRAFTED BY	DLP

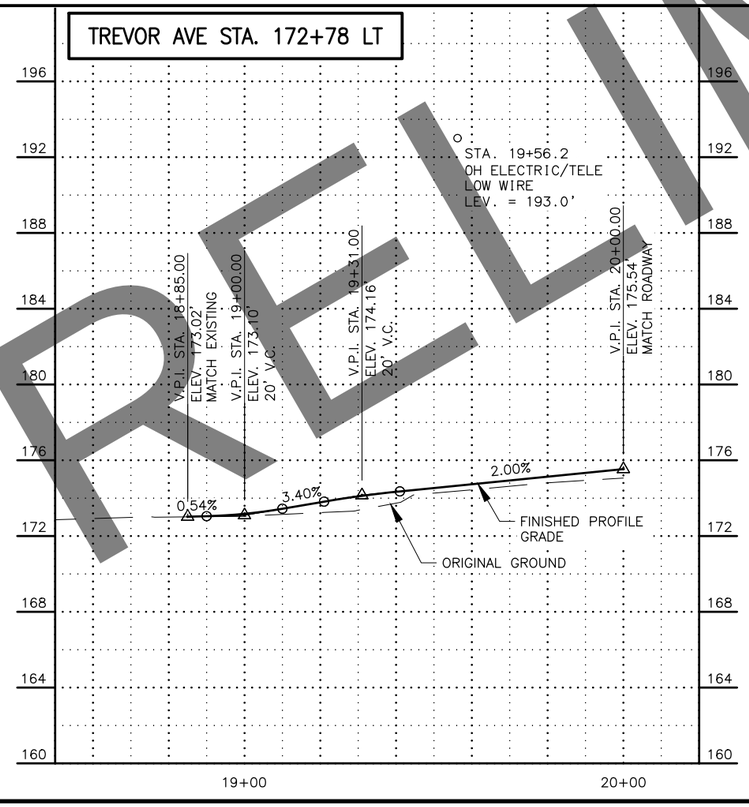
SCALE: 1" = 20'

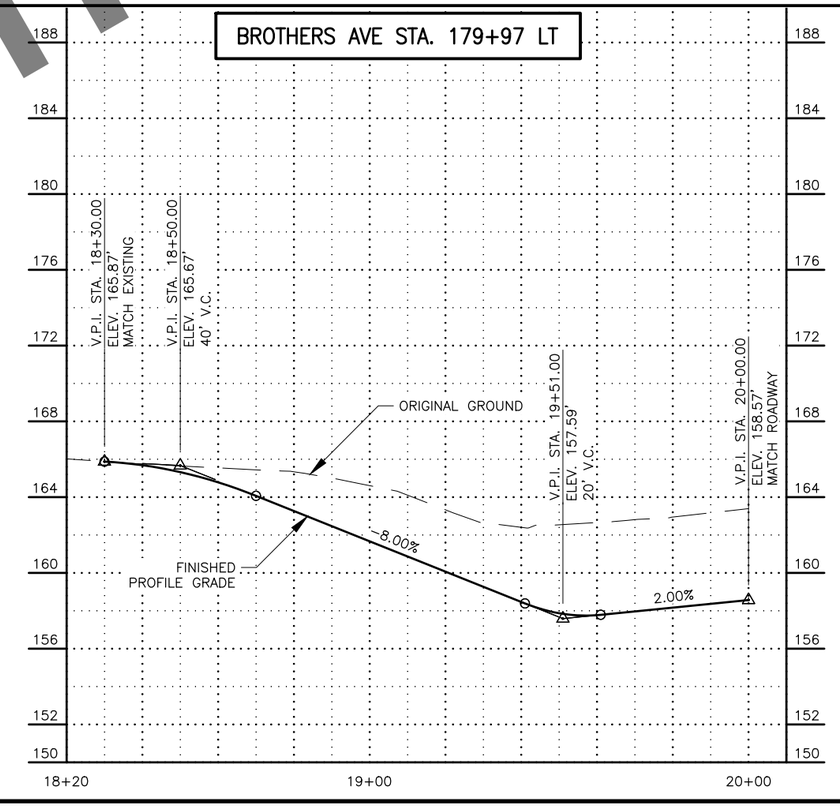
DATE TIME: 4/26/2022 10:24 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_F14-F22_DW.DWG





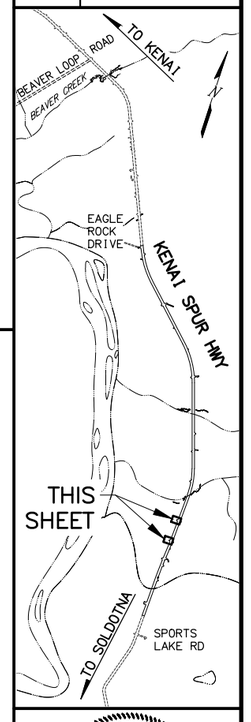




SHEET NO.	TOTAL SHEETS
F16	F27
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
0221(019)/
CFHWY00253

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



STATE OF ALASKA
AARON HUNTING
CE 106601
REGISTERED PROFESSIONAL ENGINEER

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

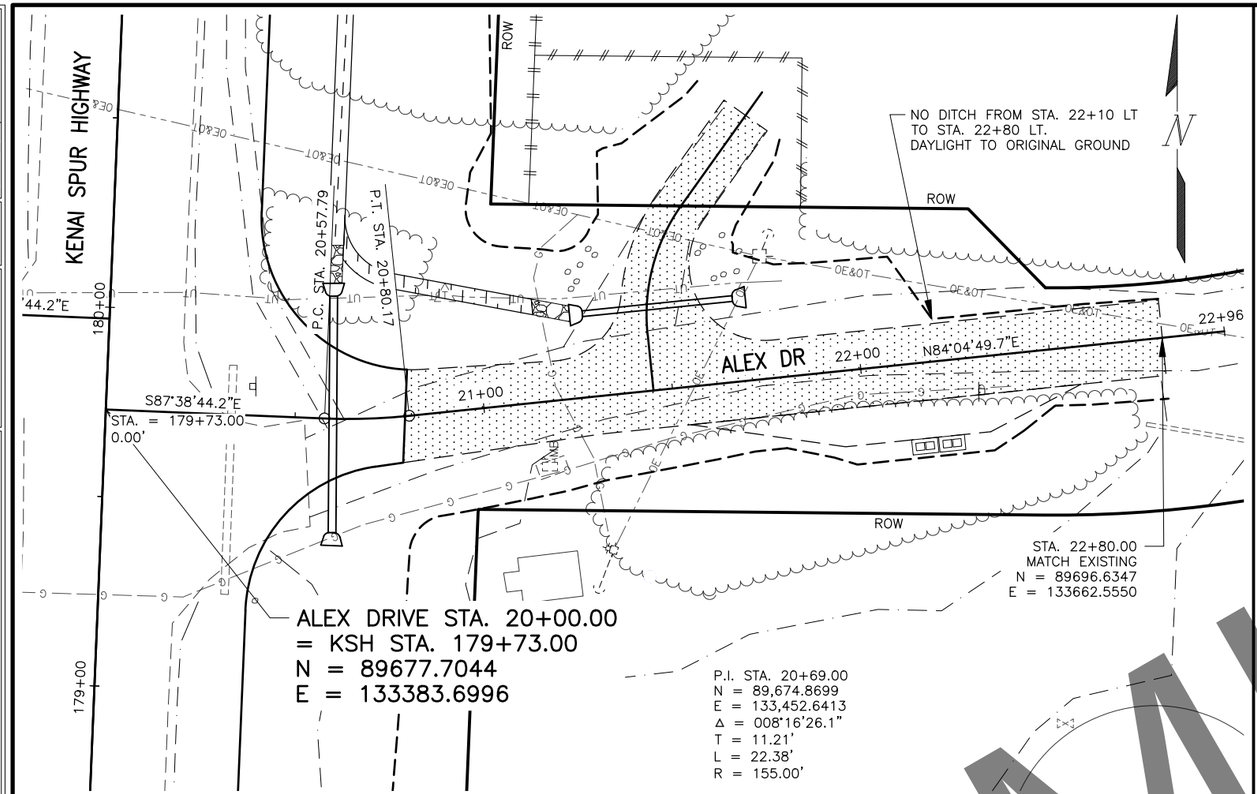
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

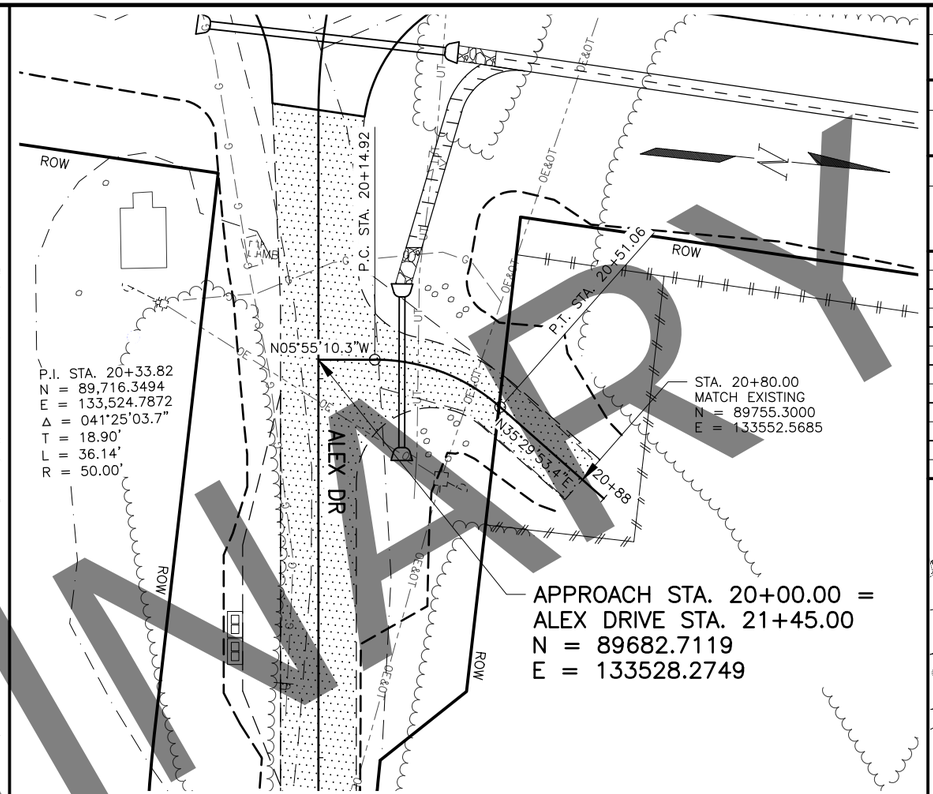
KENAI SPUR HWY REHAB:
SPORTS LAKE ROAD TO
SWIRES ROAD – PHASE II

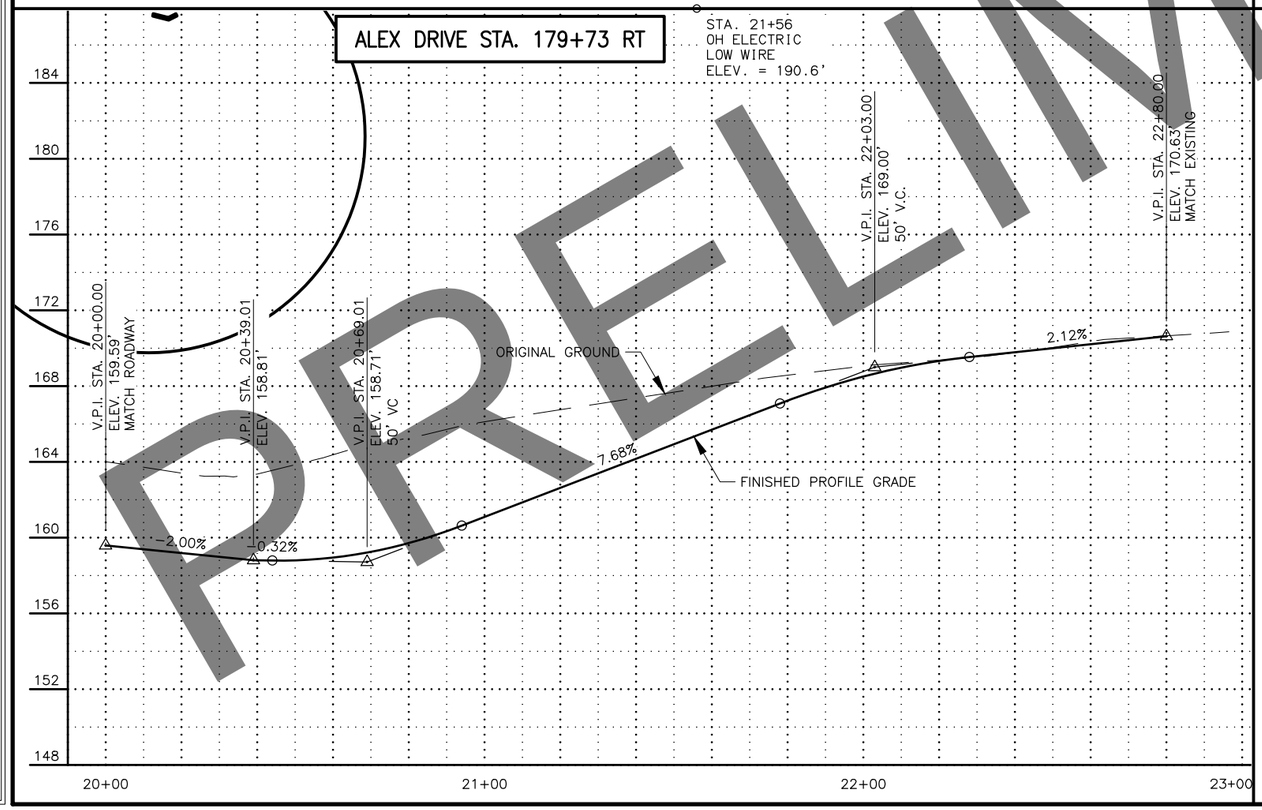
APPROACH
PLAN AND PROFILES

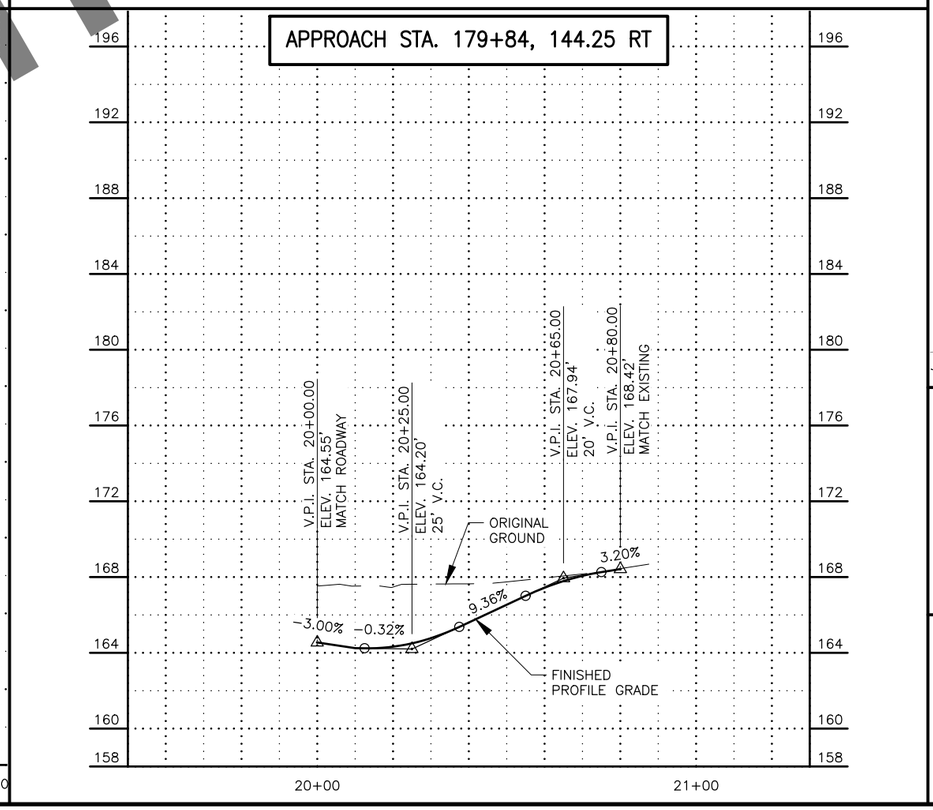
DESIGNED BY	A.L.H.
CHECKED BY	A.L.H.
DRAFTED BY	D.L.P.
SCALE	1" = 20'
DATE	4/26/2022
TIME	10:25 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY – PH.2 – SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_F14–F22_DW.DWG







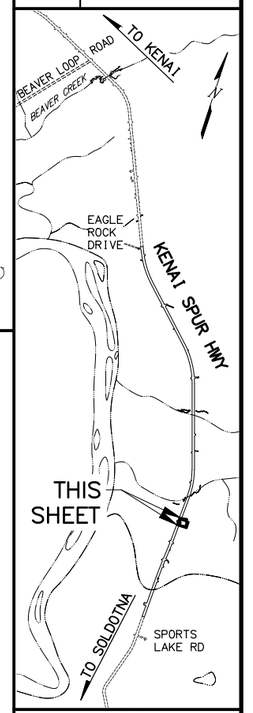


PRELIMINARY

SHEET NO.	TOTAL SHEETS
F17	F27
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
0221(019)/
CFHWY00253

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



STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HWY REHAB:
SPORTS LAKE ROAD TO
SWIRES ROAD – PHASE II

APPROACH
PLAN AND PROFILES

DESIGNED BY	A.L.H.
CHECKED BY	A.L.H.
DRAFTED BY	D.L.P.

SCALE: 1" = 20'

DATE TIME: 4/26/2022 10:25 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_F14-F22_DW.DWG

APPROACH STA. 20+00.00 =
KSH STA. 193+54.00, 120 LT
N = 91034.5212
E = 133217.9834

STA. 15+95.00
MATCH EXISTING
N = 91022.9886
E = 132993.6268

P.I. STA. 17+51.09
N = 91,024.5309
E = 133,149.7069
Δ = 007°45'30.3"
T = 13.56'
L = 27.08'
R = 200.00'

N89°26'01.9"E

N81°40'31.6"E

CHURCHILL AVE

KENAI SPUR HIGHWAY

CHURCHILL AVE
STA. 20+00.00 =
KSH STA. 193+58.00
N = 91060.5744
E = 133396.0376

ROW

GRAVEL EDGE TAPER TABLE		
STATION	OFFSET	REMARKS
18+45.45	7' (RT & LT)	BEGIN TAPER
19+00.45	12' (RT & LT)	END TAPER

CHURCHILL AVE STA. 193+58 LT

STA. 19+24.8
OH ELECTRIC/TELE
LOW WIRE
ELEV. = 178.1'

ORIGINAL GROUND

FINISHED
PROFILE GRADE

-7.00%

1.00%

4.80%

V.P.I. STA. 15+95.00
ELEV. 166.30'
NO V.C.

V.P.I. STA. 16+10.00
ELEV. 166.00'
30' V.C.

V.P.I. STA. 19+31.00
ELEV. 143.53'
30' V.C.

V.P.I. STA. 19+61.00
ELEV. 143.83'

V.P.I. STA. 20+00.00
ELEV. 145.70'
MATCH ROADWAY

176 / 172 / 168 / 164 / 160 / 156 / 152 / 148 / 144 / 140

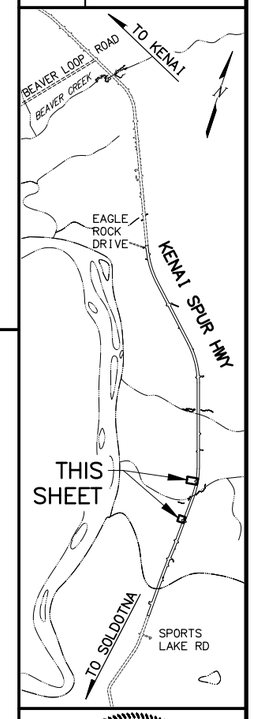
16+00 / 17+00 / 18+00 / 19+00 / 20+00

PRELIMINARY

SHEET NO.	TOTAL SHEETS
F18	F27
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
0221(019)/
CFHWY00253

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



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

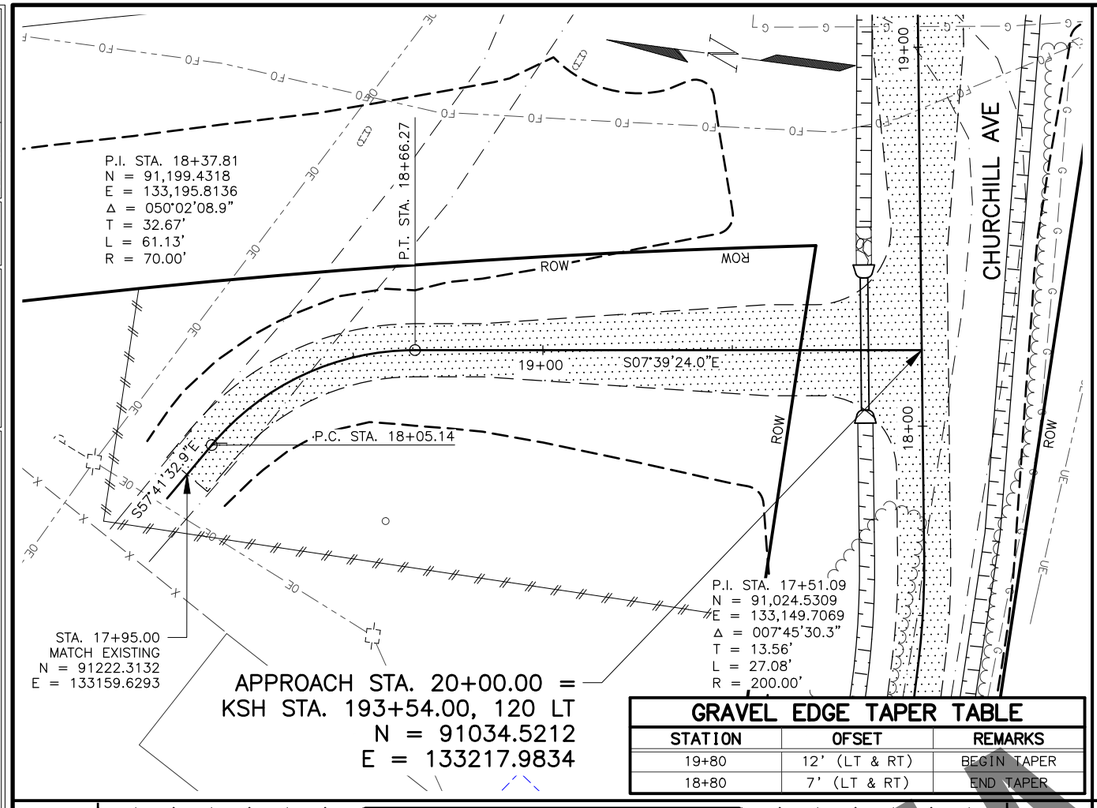
KENAI SPUR HWY REHAB:
SPORTS LAKE ROAD TO
SWIRES ROAD – PHASE II

APPROACH
PLAN AND PROFILES

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

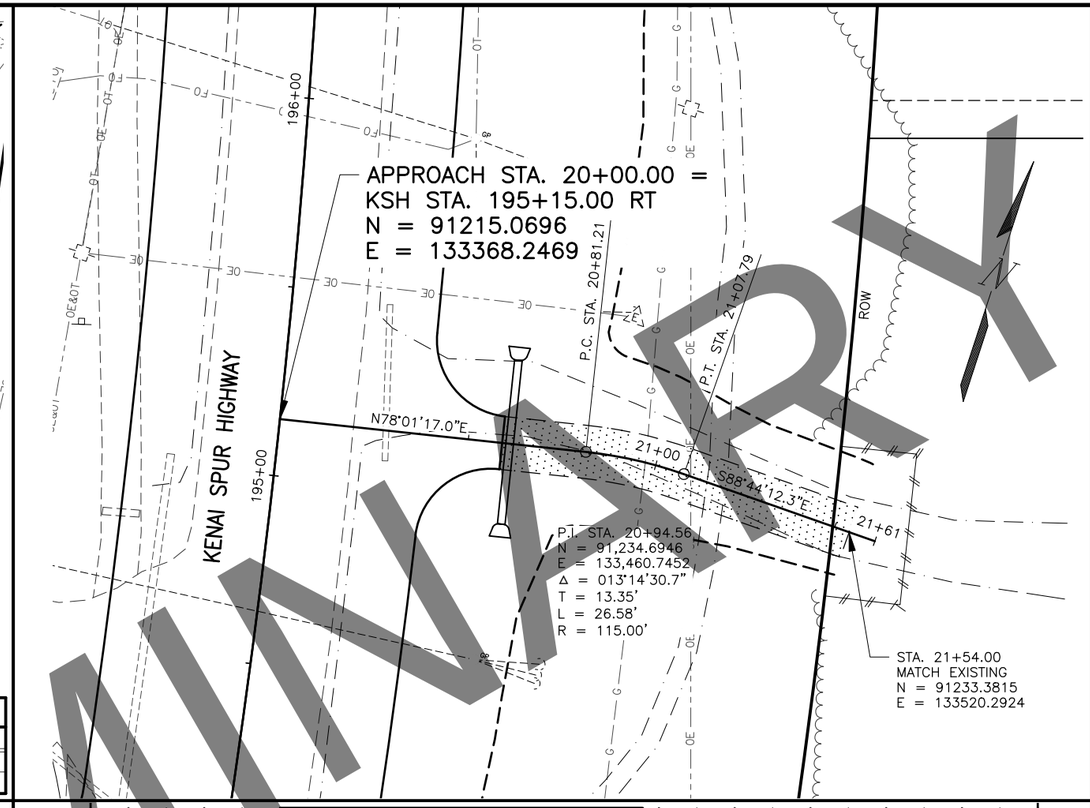
DESIGNED BY	A.L.H.
CHECKED BY	A.L.H.
DRAFTED BY	D.L.P.
SCALE	1" = 20'
DATE	4/26/2022
TIME	10:25 AM

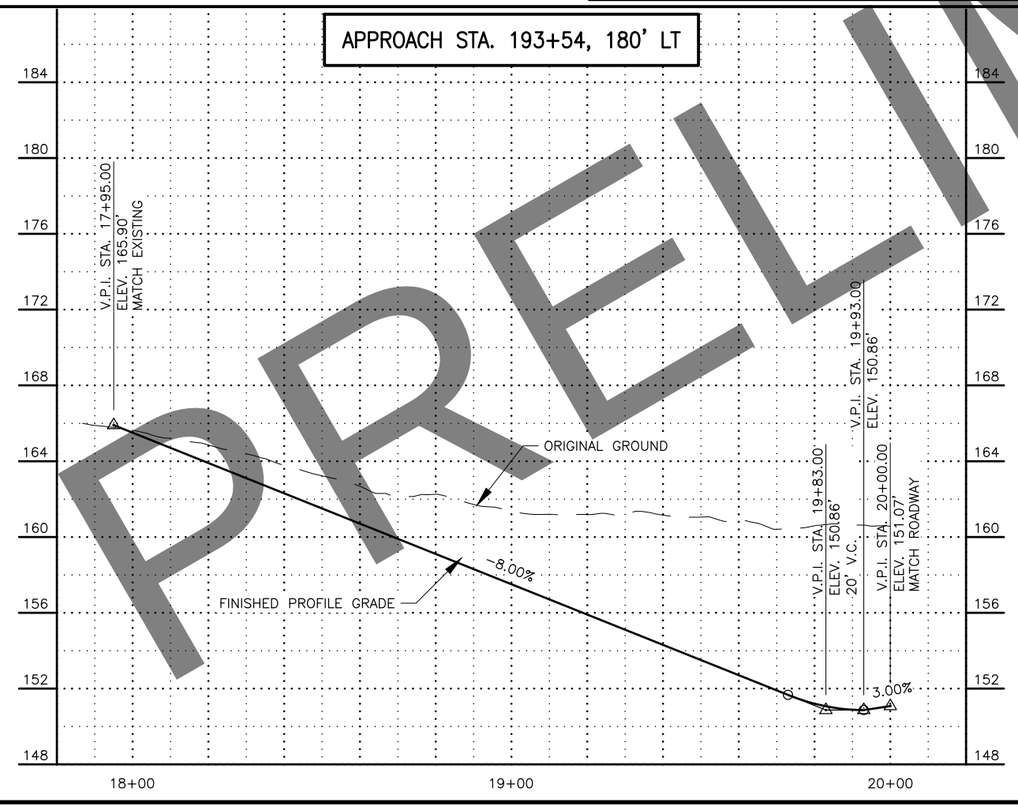
DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_F14-F22_DW.DWG

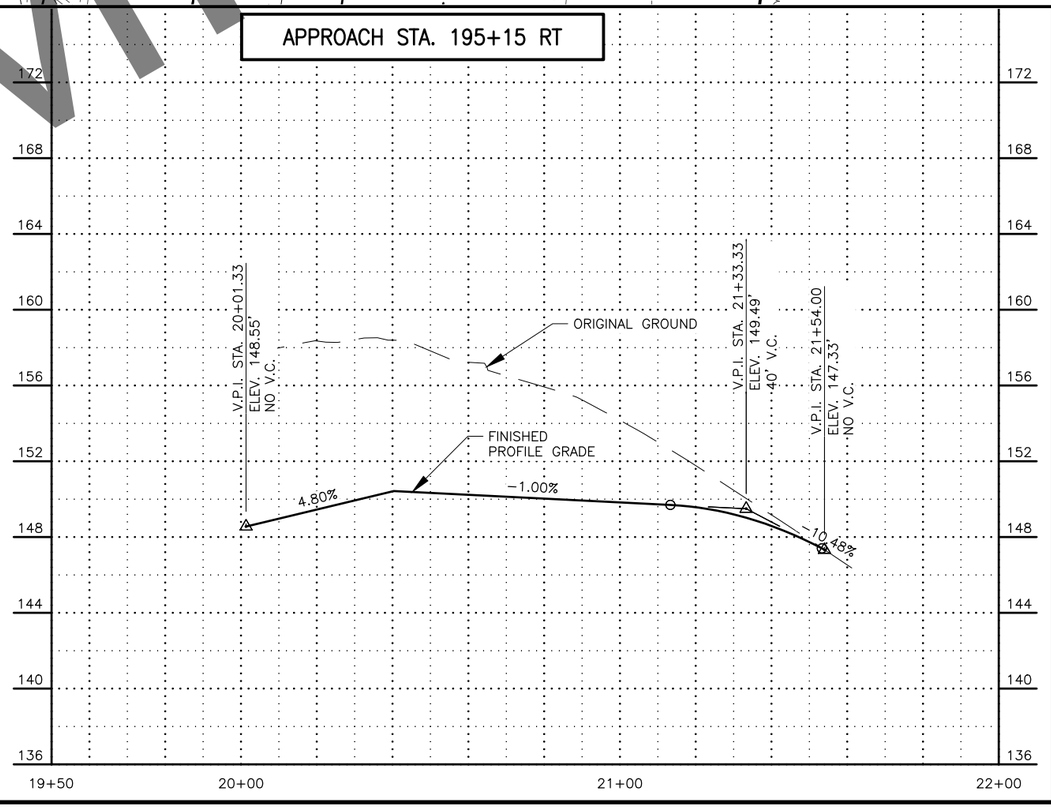


GRAVEL EDGE TAPER TABLE

STATION	OFSET	REMARKS
19+80	12' (LT & RT)	BEGIN TAPER
18+80	7' (LT & RT)	END TAPER





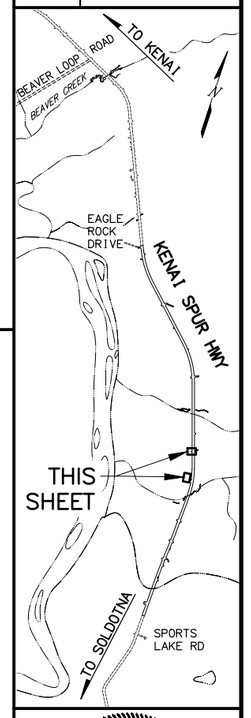


PRELIMINARY

SHEET NO.	TOTAL SHEETS
F19	F27
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
0221(019)/
CFHWY00253

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

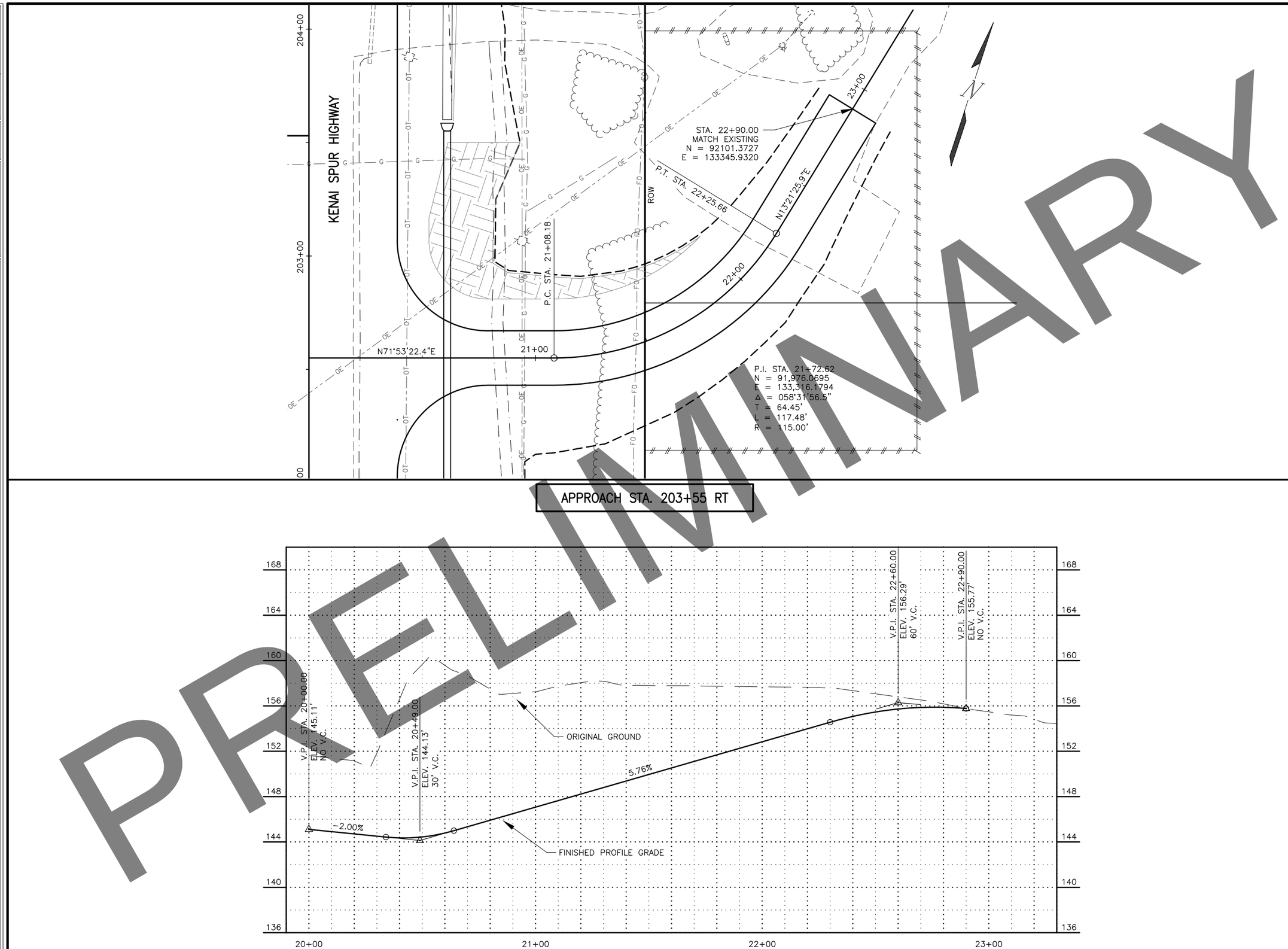


STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HWY REHAB:
SPORTS LAKE ROAD TO
SWIRES ROAD – PHASE II

APPROACH
PLAN AND PROFILES



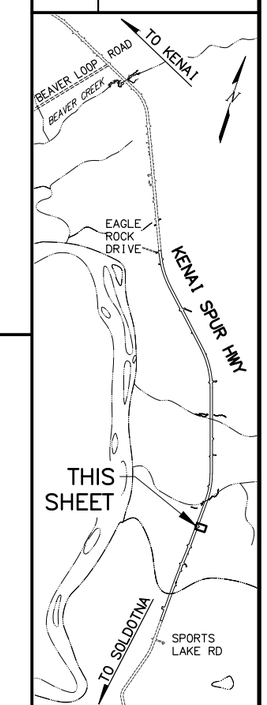
PRELIMINARY

SHEET NO.	TOTAL SHEETS
F20	F27
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION

0221(019)/
CFHWY00253

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



STATE OF ALASKA
49TH
CERT
AARON A. HUNTING
ICE 106601
REGISTERED PROFESSIONAL ENGINEER

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HWY REHAB:
SPORTS LAKE ROAD TO
SWIRES ROAD – PHASE II

APPROACH
PLAN AND PROFILES

DESIGNED BY ALH
CHECKED BY ALH
DRAFTED BY DLP

SCALE 1" = 20'

DATE 4/26/2022 TIME 10:26 AM

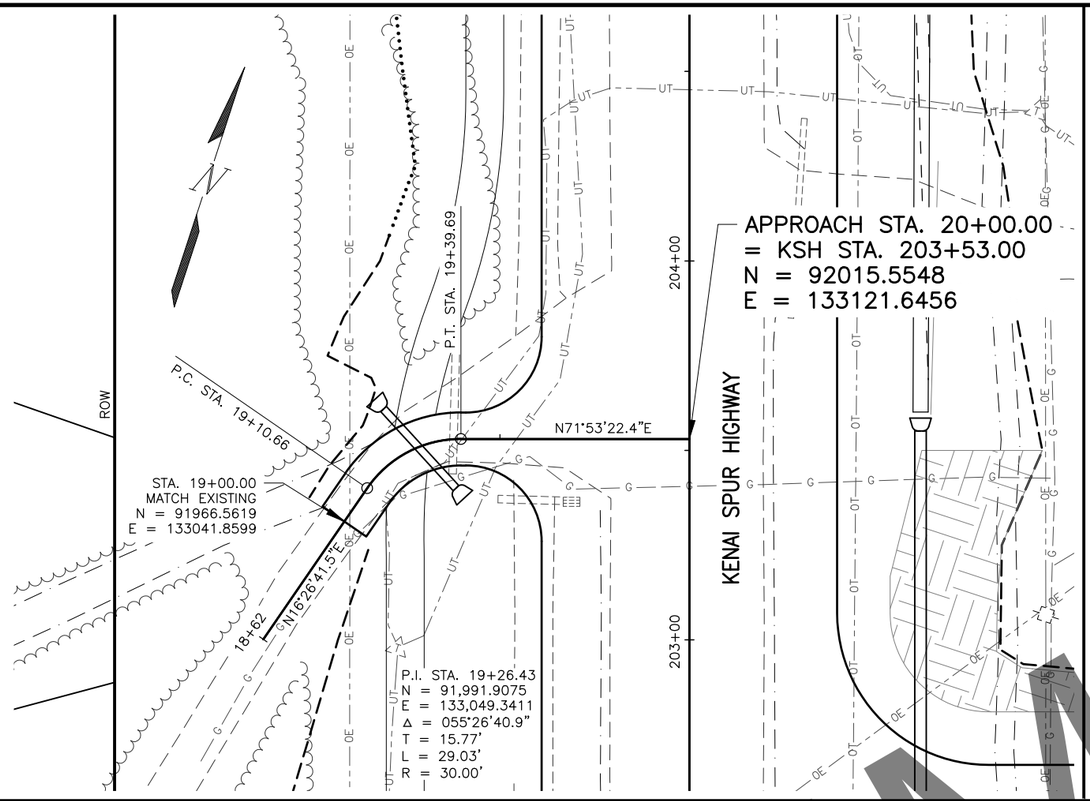
DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY – PH.2 – SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_F14-F22_DW.DWG

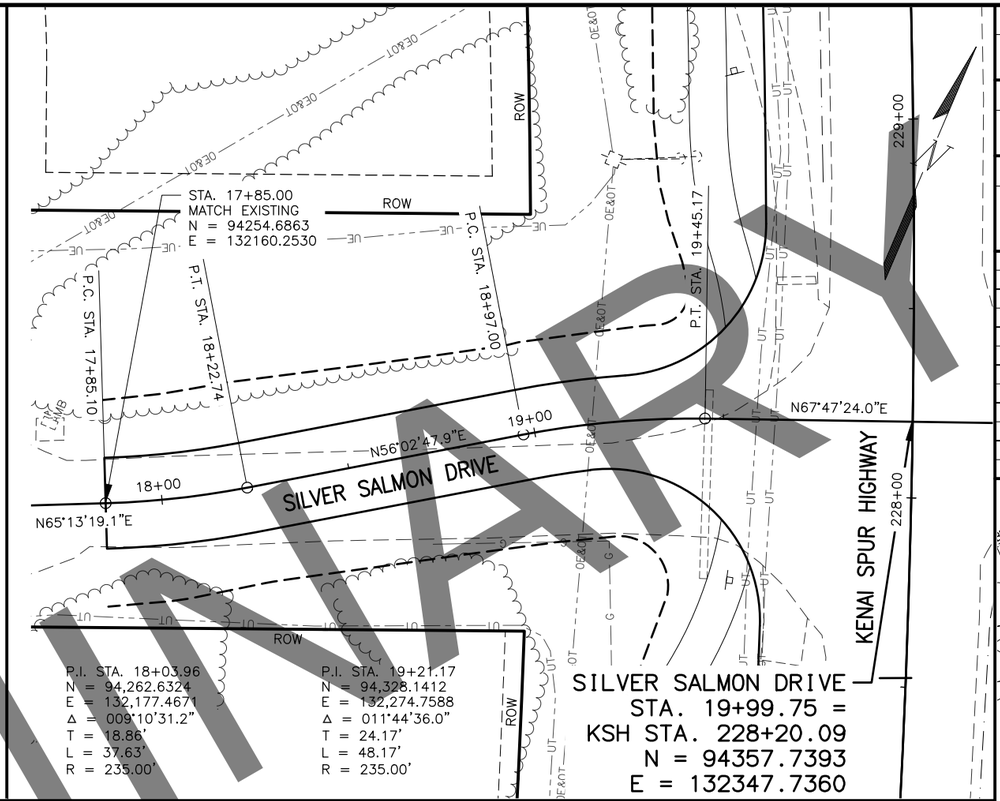
DATE	TIME
4/26/2022	10:26 AM

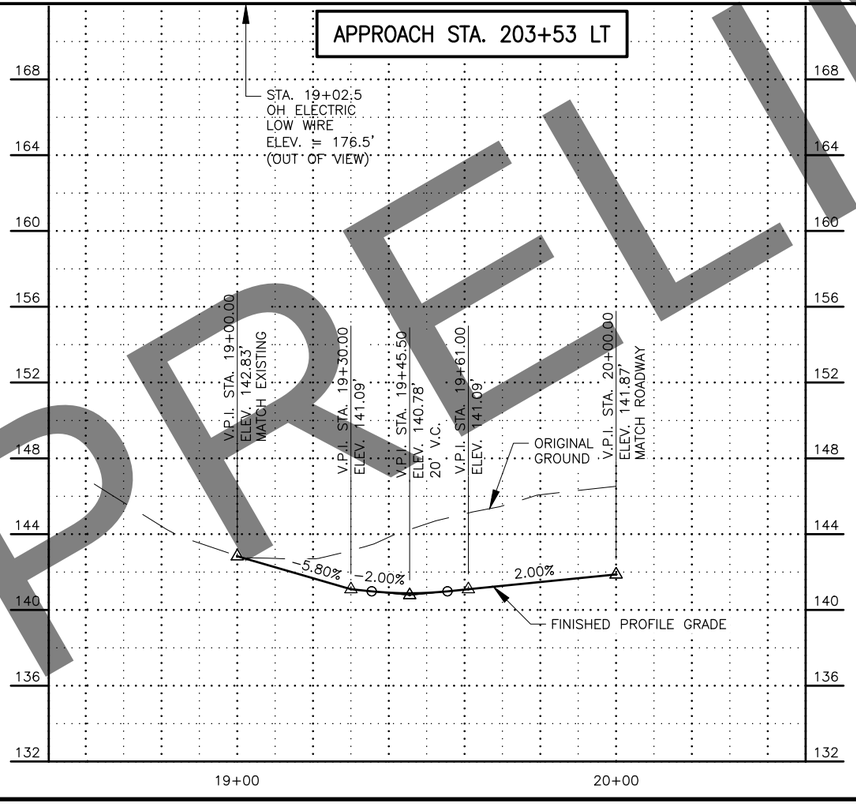
SCALE
1" = 50'

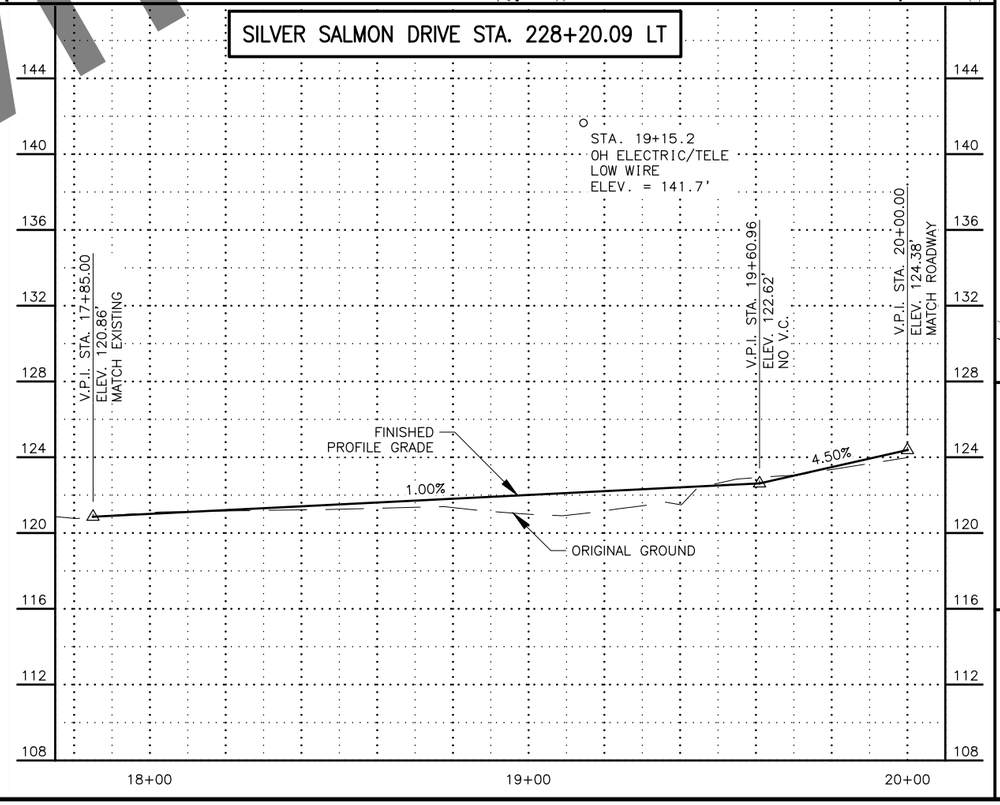
DESIGNED BY	ALH
CHECKED BY	ALH
DRAFTED BY	DLP

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_F14-F22_DW.DWG









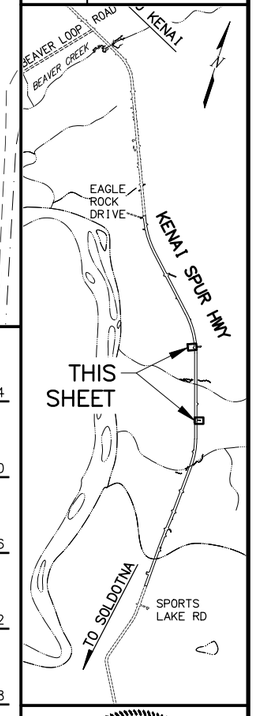
PRELIMINARY

SHEET NO.	TOTAL SHEETS
F21	F27

STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
0221(019)/
CFHWY00253

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



STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HWY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

APPROACH PLAN AND PROFILES

DESIGNED BY	ALH
CHECKED BY	ALH
DRAFTED BY	DLP

SCALE: 1" = 20'

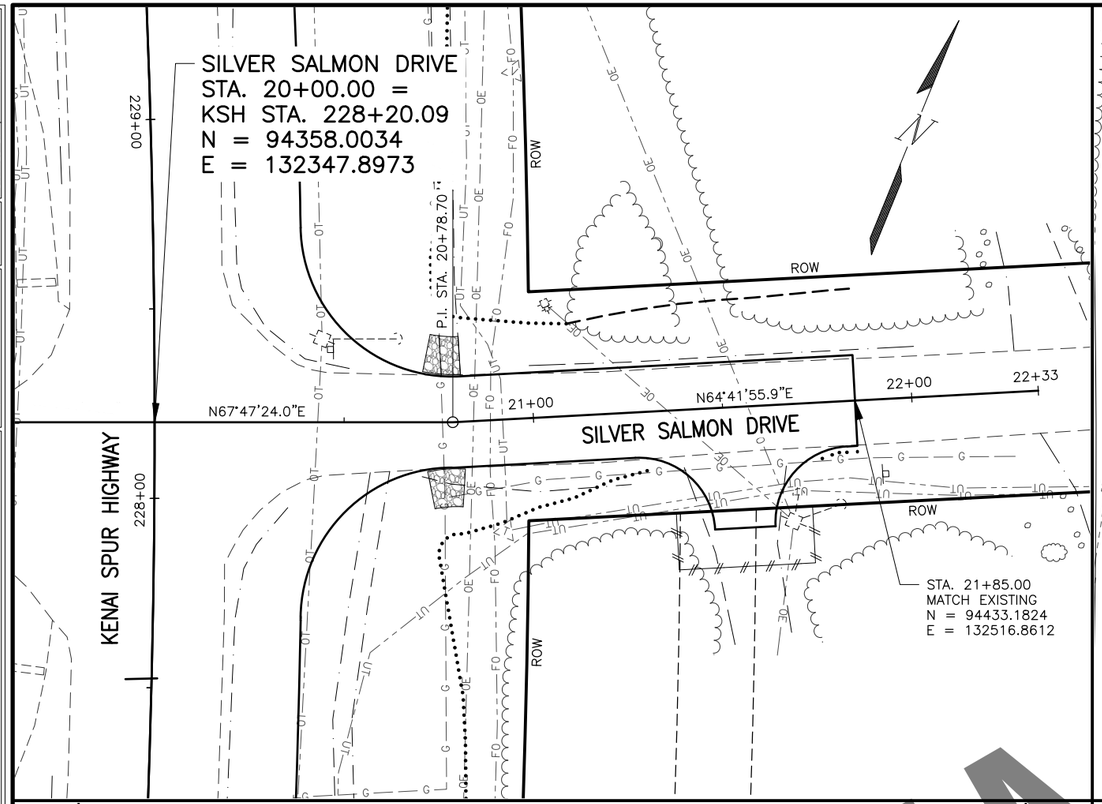
DATE: 4/26/2022 TIME: 10:26 AM

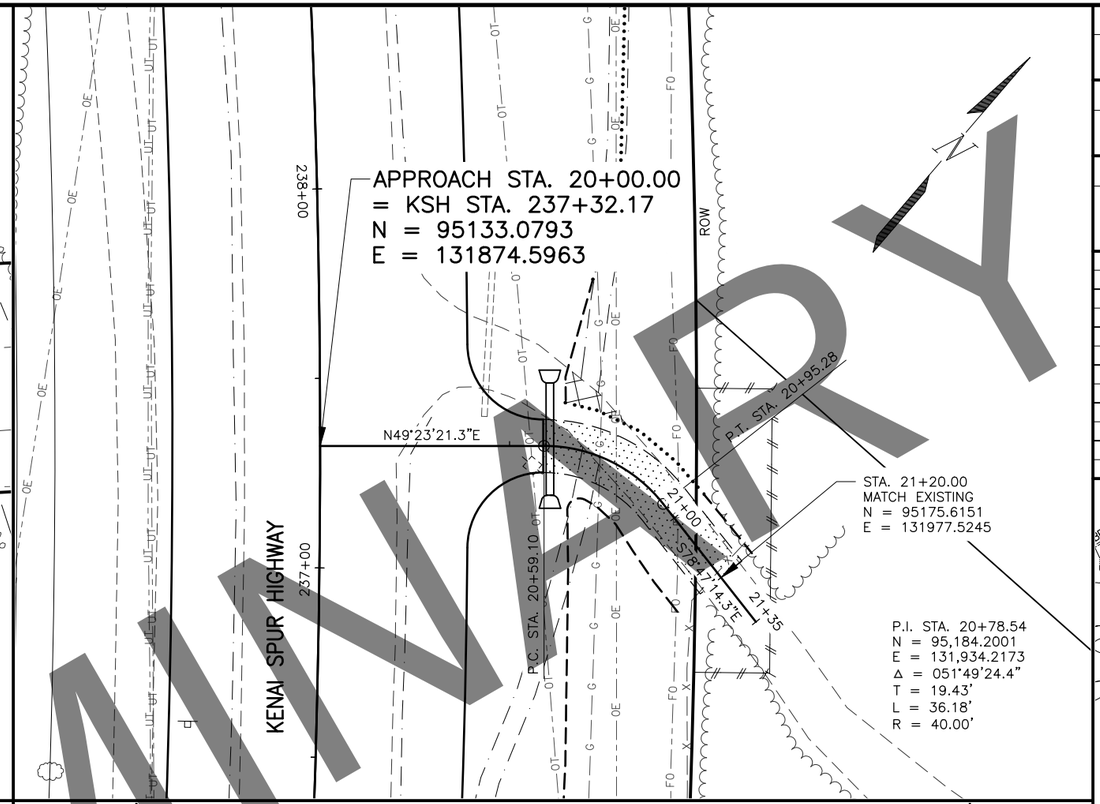
DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_F14-F22_DW.DWG

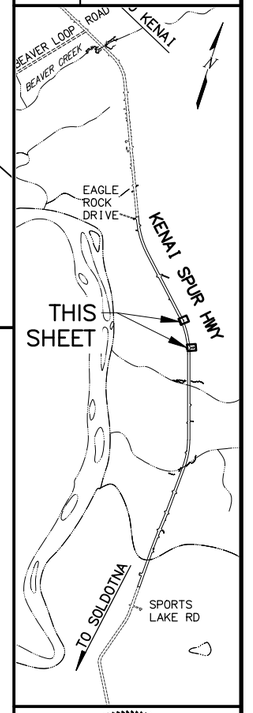
SHEET NO.	TOTAL SHEETS
F22	F27
STATE	YEAR
ALASKA	2022

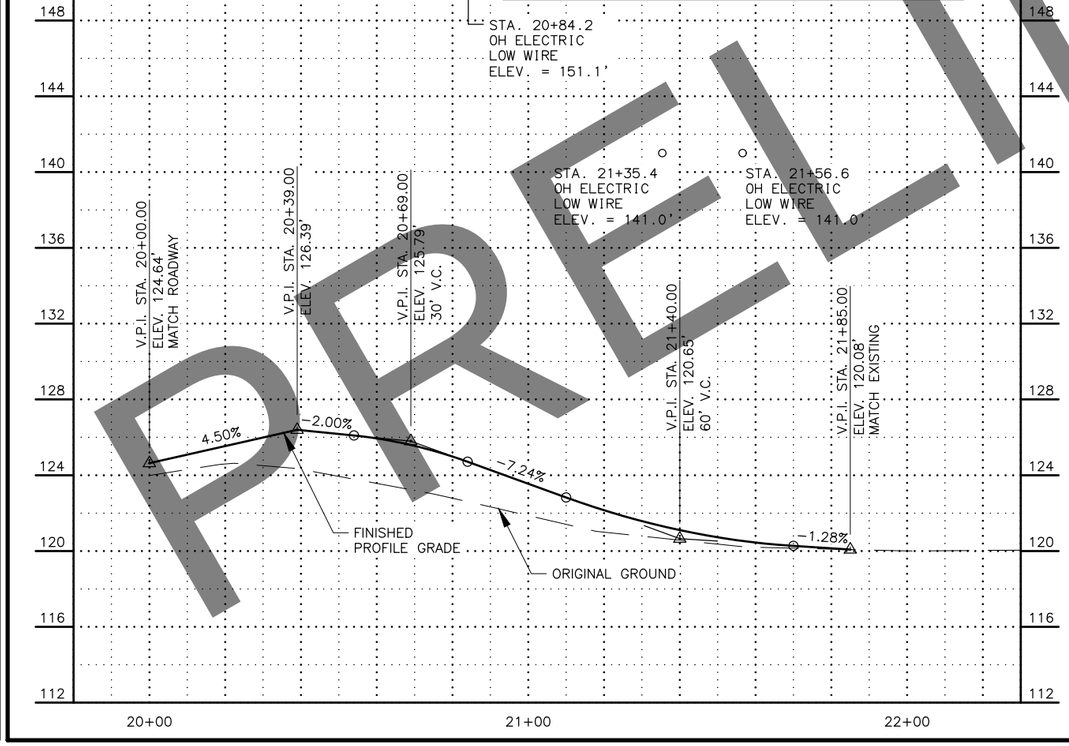
PROJECT DESIGNATION
0221(019)/
CFHWY00253

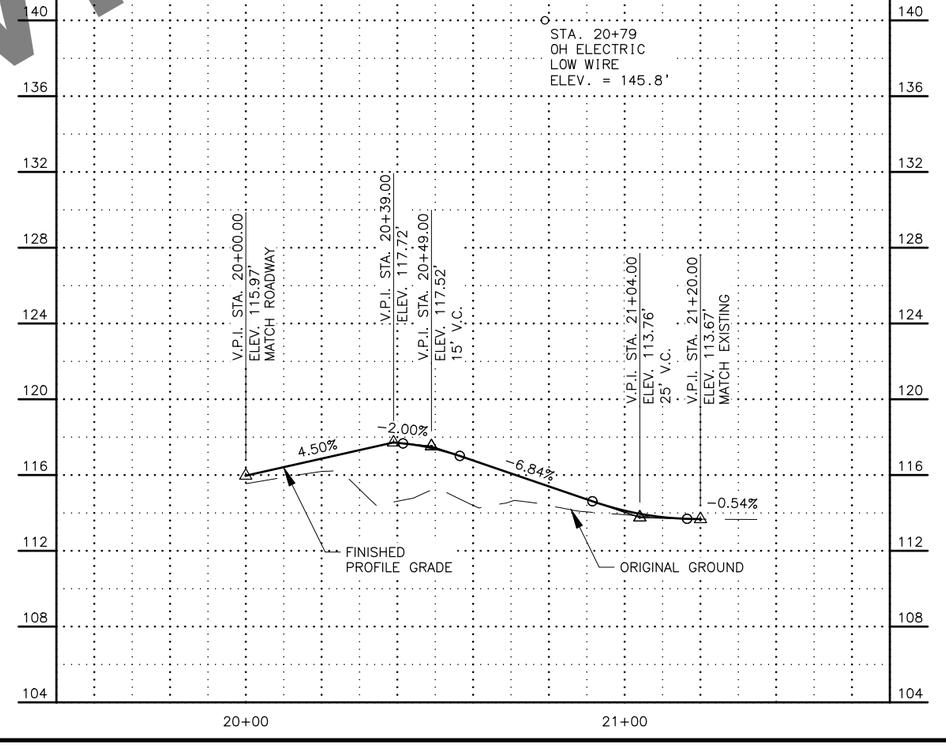
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	











PRELIMINARY

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HWY REHAB:
SPORTS LAKE ROAD TO
SWIRES ROAD – PHASE II

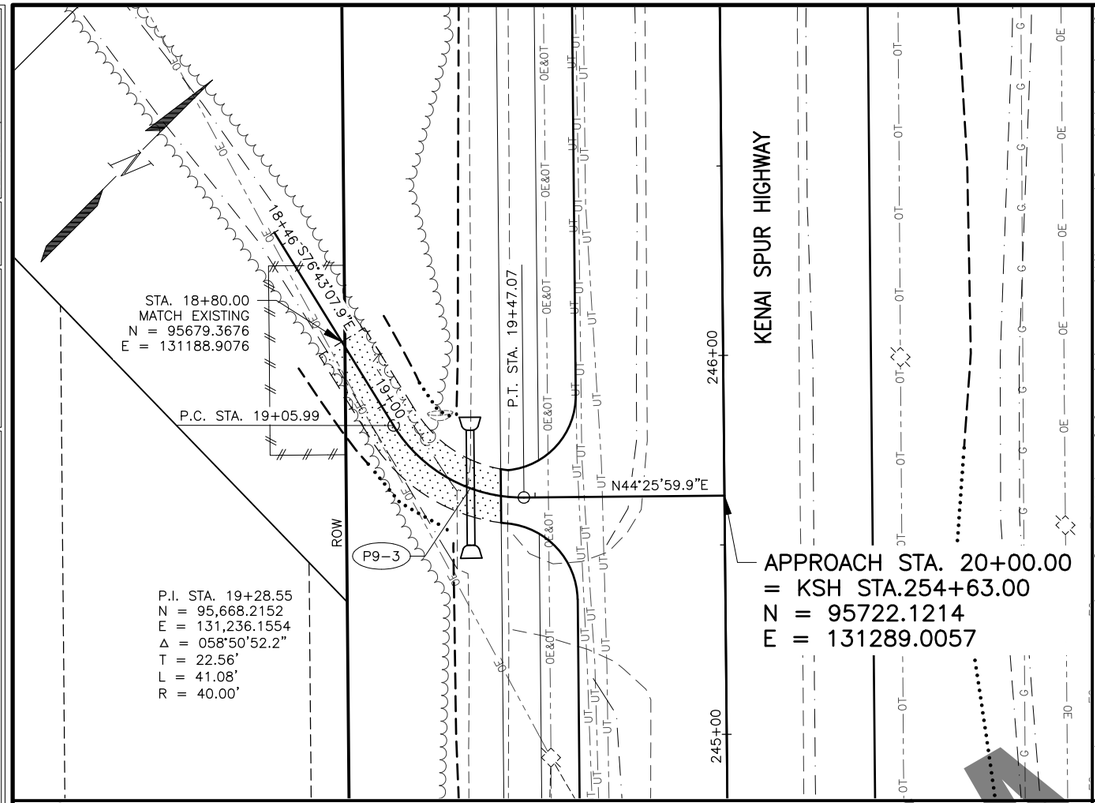
APPROACH
PLAN AND PROFILES

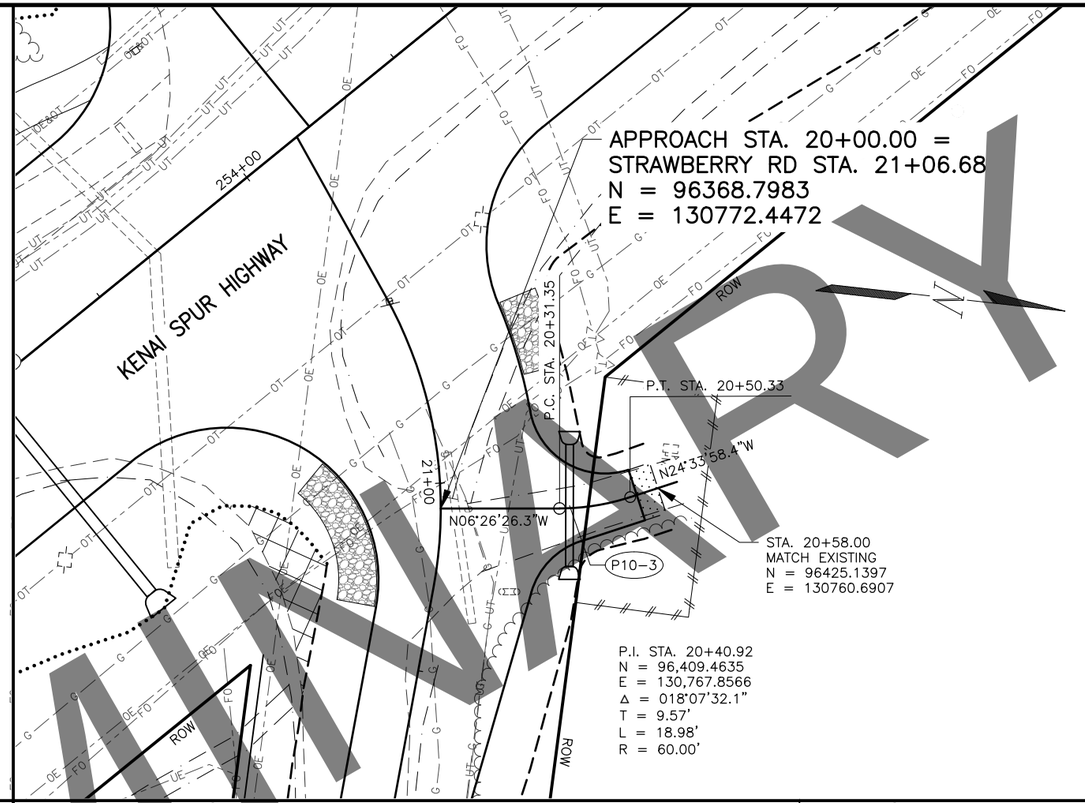
DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_F23-F25_DW.DWG

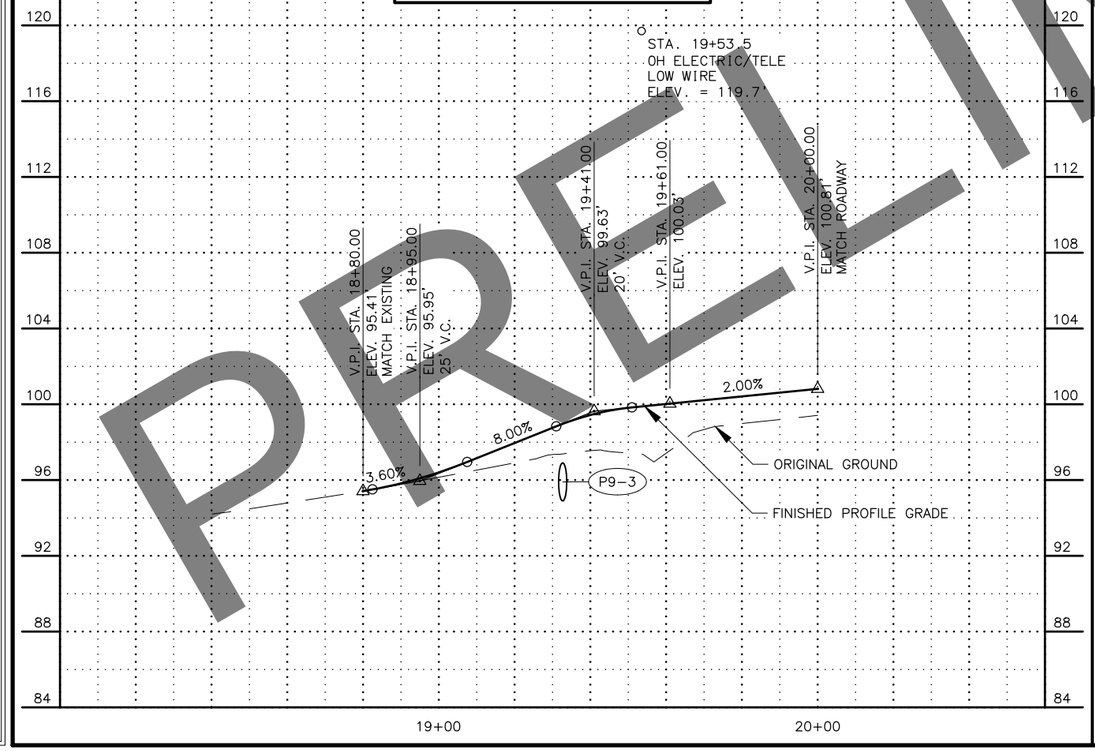
DESIGNED BY	ALH
CHECKED BY	ALH
DRAFTED BY	DLP

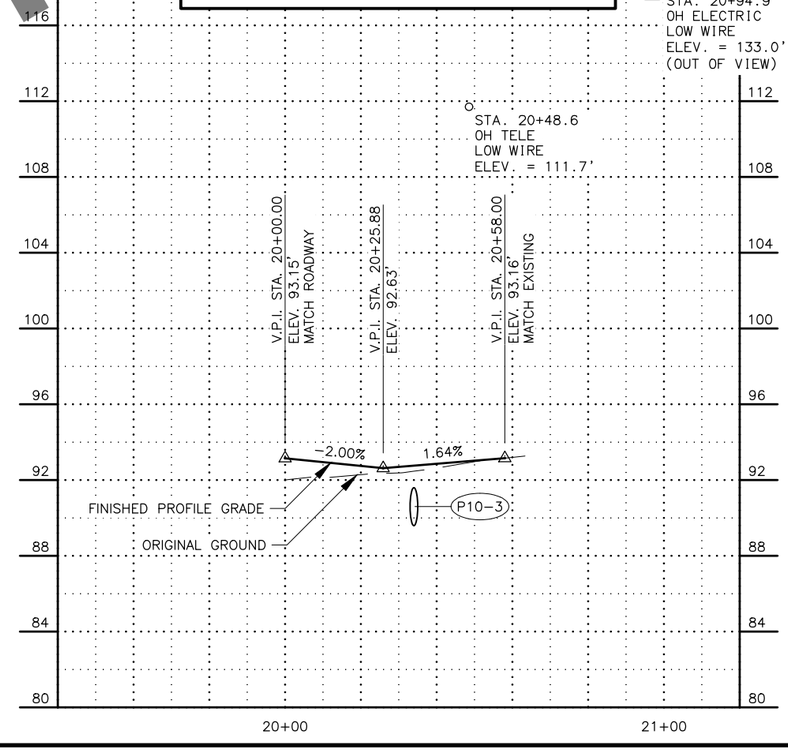
SCALE 1" = 20'

DATE TIME
4/26/2022 10:28 AM







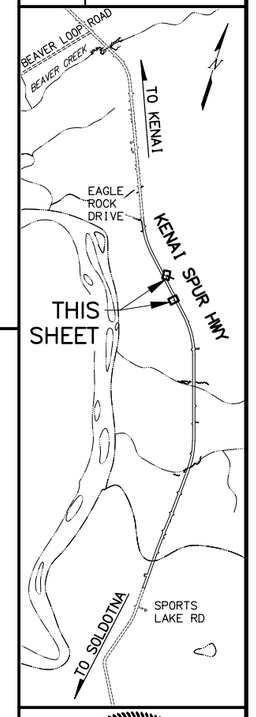


PRELIMINARY

SHEET NO.	TOTAL SHEETS
F23	F27
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
0221(019)/
CFHWY00253

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



STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HWY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

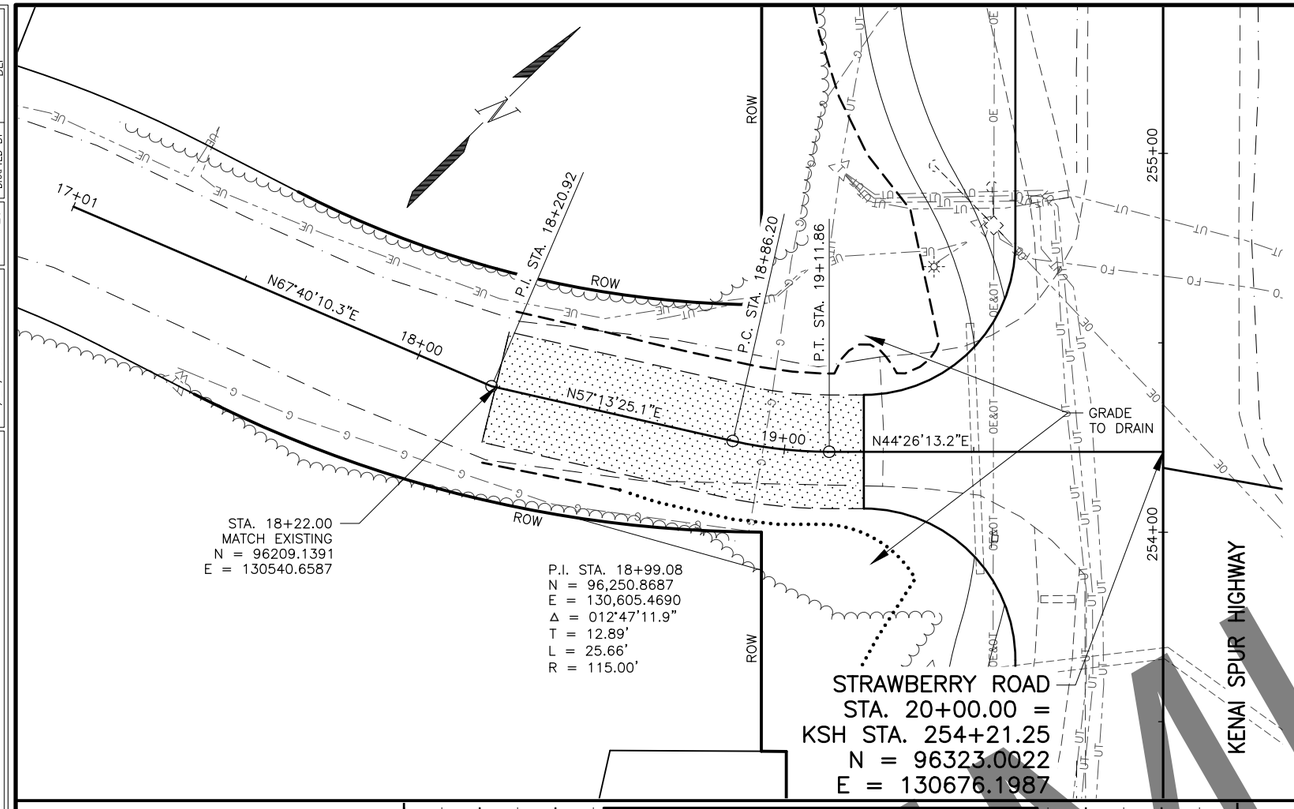
APPROACH PLAN AND PROFILES

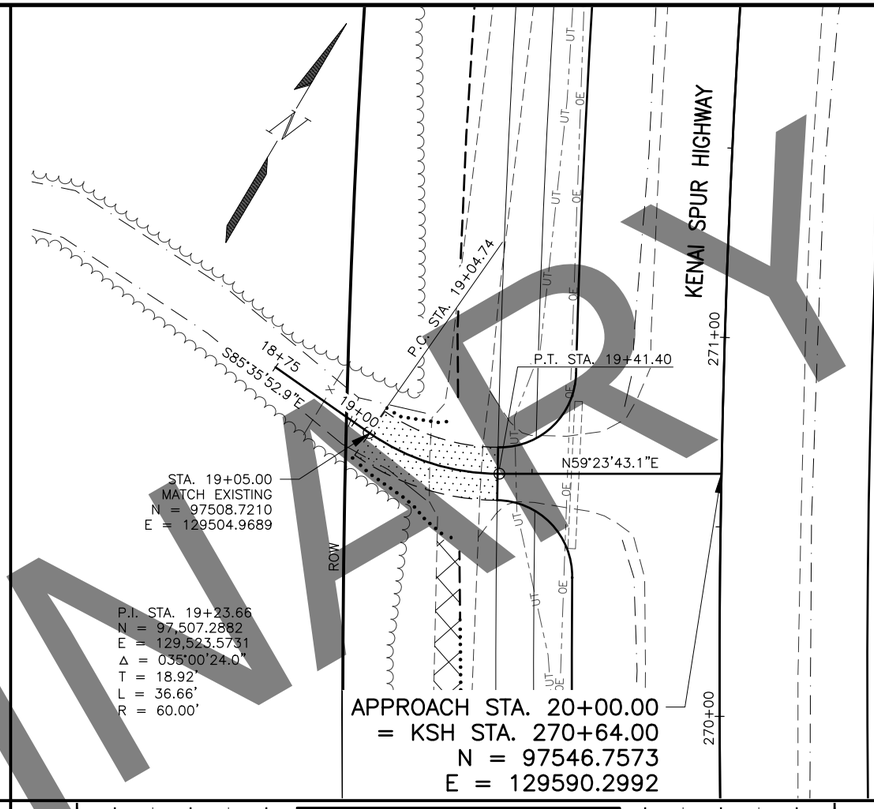
DESIGNED BY	A.L.H.
CHECKED BY	A.L.H.
DRAFTED BY	D.L.P.

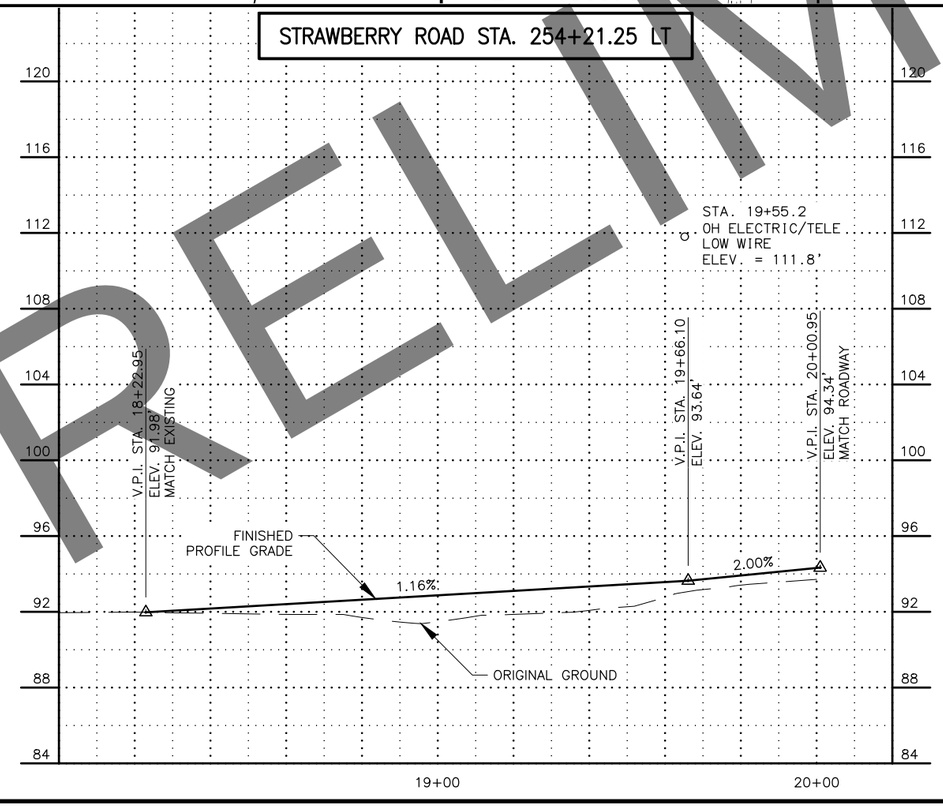
SCALE 1" = 20'

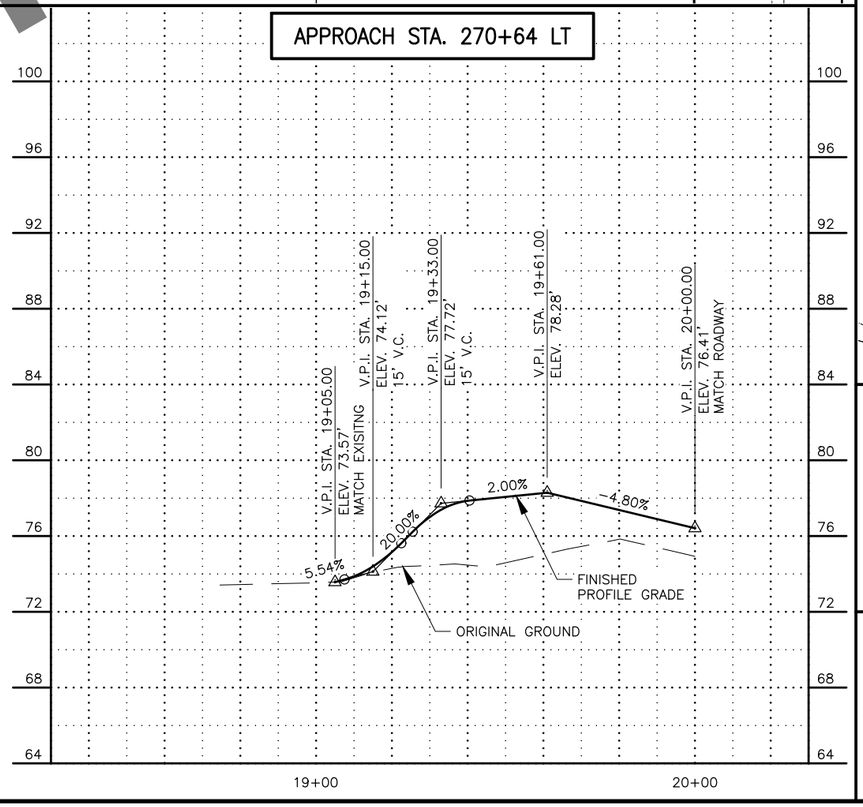
DATE 4/26/2022 TIME 10:28 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY – PH.2 – SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_F23–F25_DW.DWG





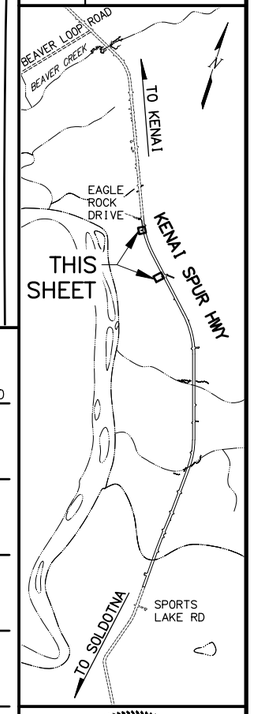




SHEET NO.	TOTAL SHEETS
F24	F27
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
0221(019)/
CFHWY00253

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



STATE OF ALASKA
AARON C. HUNTING
CE 106601
REGISTERED PROFESSIONAL ENGINEER

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HWY REHAB:
SPORTS LAKE ROAD TO
SWIRES ROAD – PHASE II

APPROACH
PLAN AND PROFILES

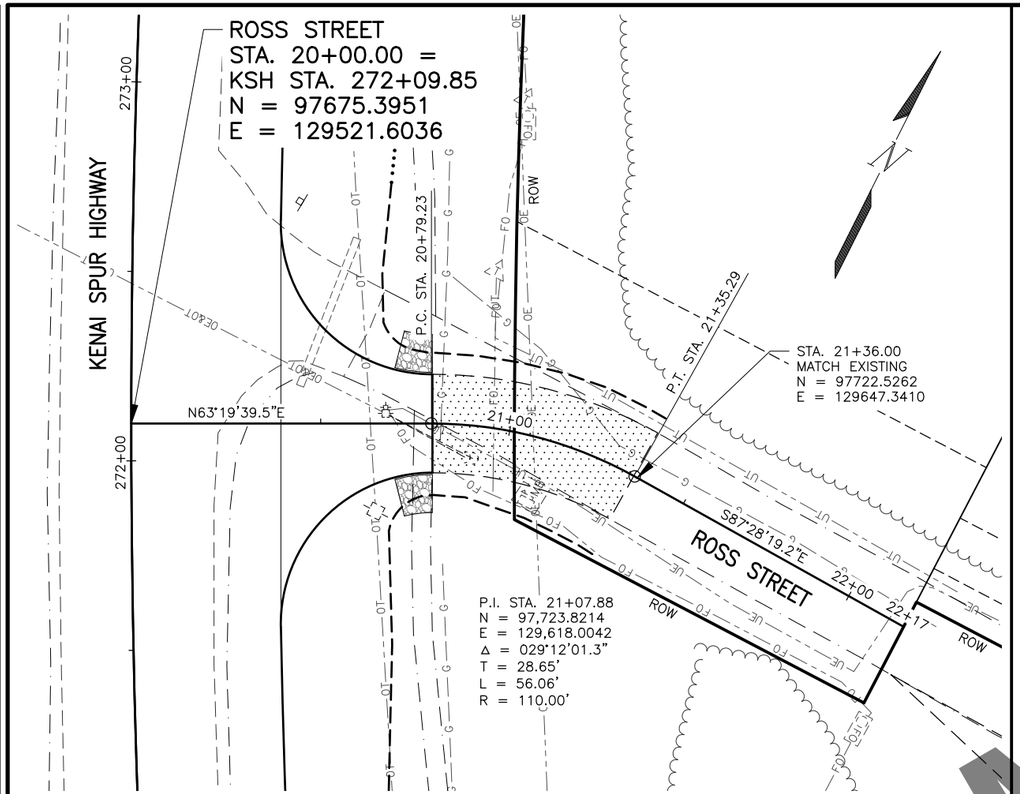
PRELIMINARY

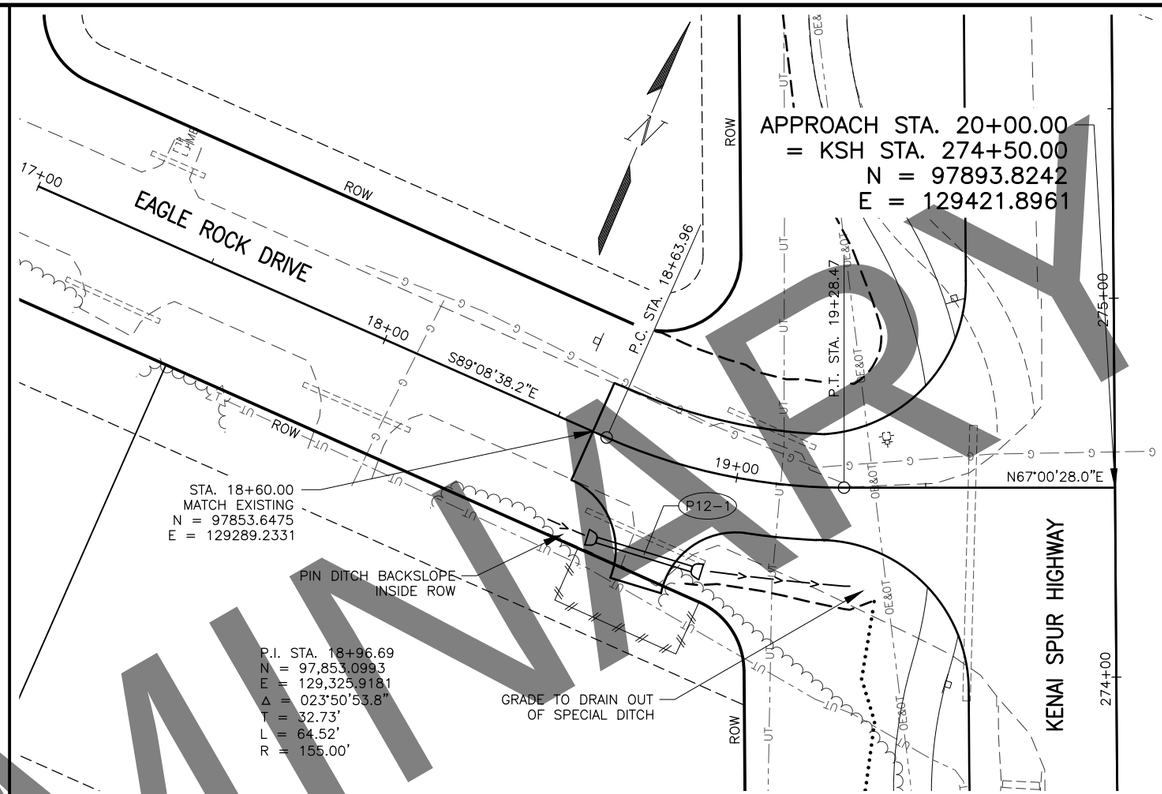
DESIGNED BY	A.L.H.
CHECKED BY	A.L.H.
DRAFTED BY	D.L.P.

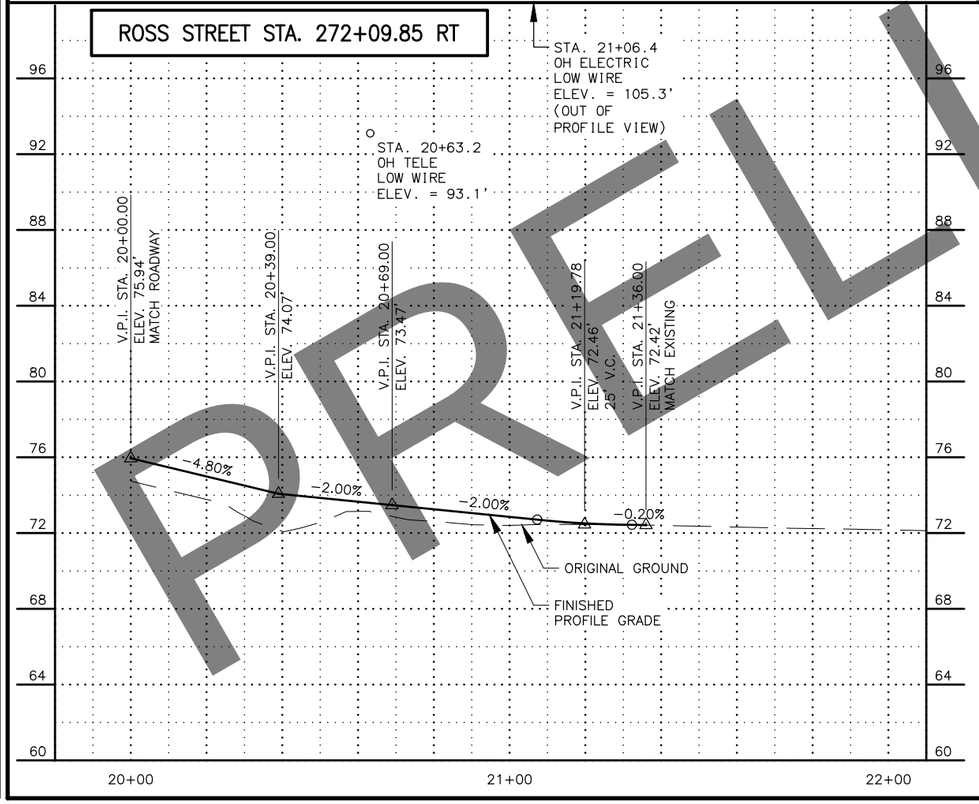
SCALE
1" = 20'

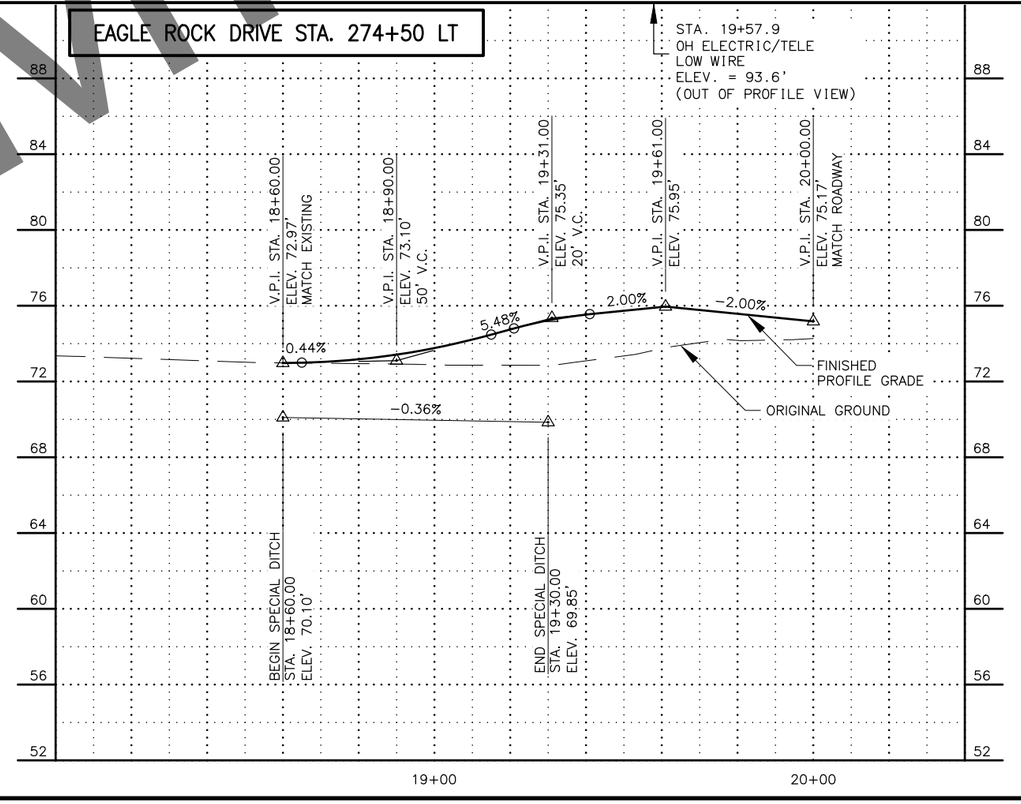
DATE	TIME
4/26/2022	10:28 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_F23-F25_DW.DWG









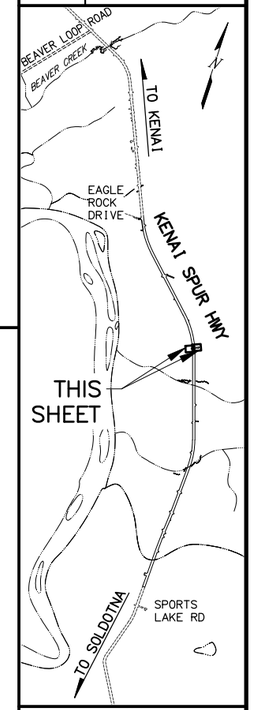
PRELIMINARY

SHEET NO.	TOTAL SHEETS
F25	F27

STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
0221(019)/
CFHWY00253

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

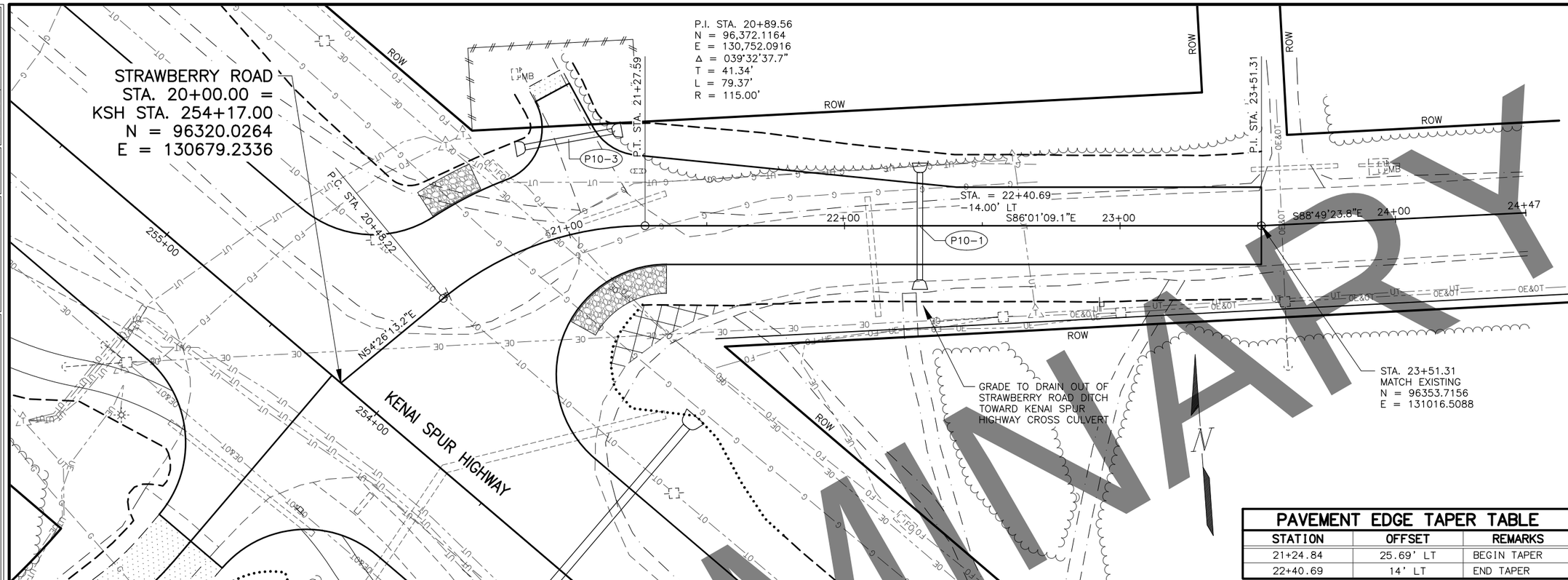


STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

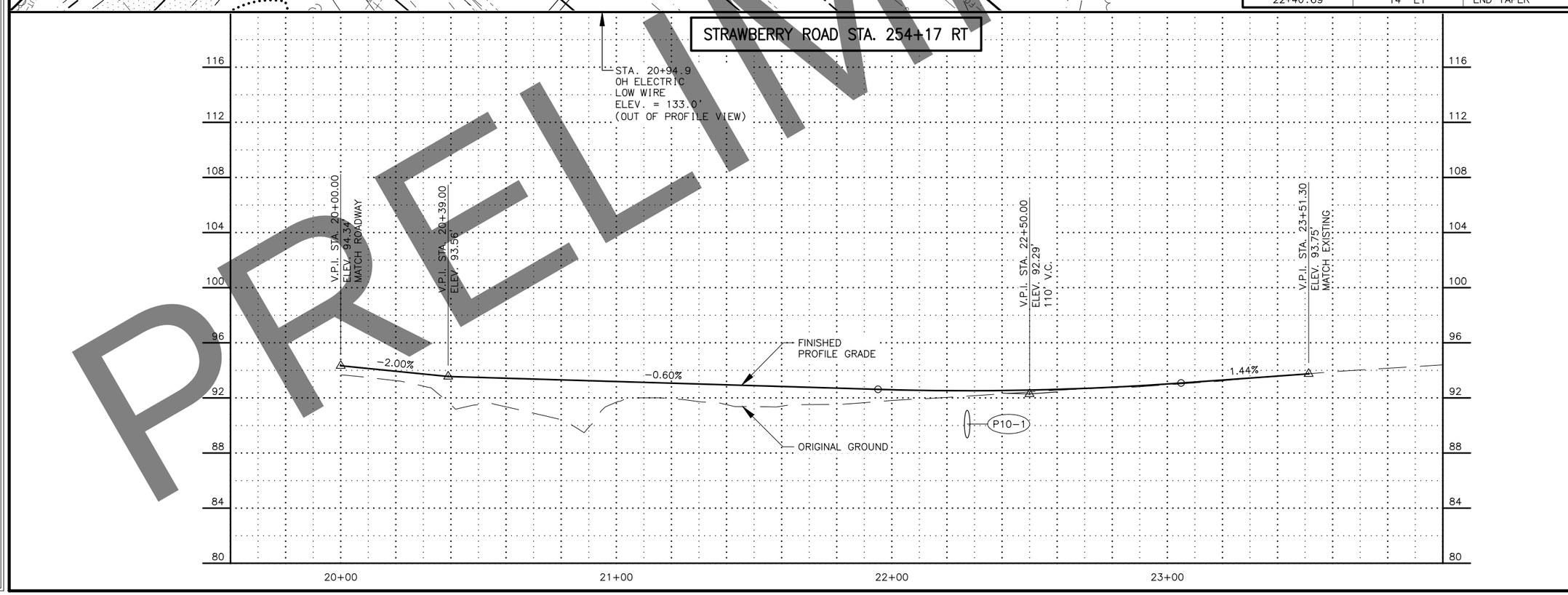
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HWY REHAB:
SPORTS LAKE ROAD TO
SWIRES ROAD – PHASE II

APPROACH
PLAN AND PROFILES



PAVEMENT EDGE TAPER TABLE		
STATION	OFFSET	REMARKS
21+24.84	25.69' LT	BEGIN TAPER
22+40.69	14' LT	END TAPER

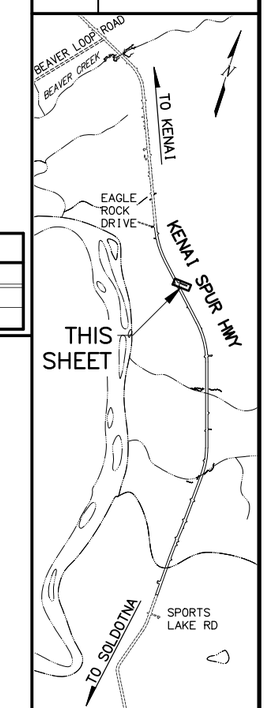


PRELIMINARY

SHEET NO.	TOTAL SHEETS
F26	F27
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
0221(019)/
CFHWY00253

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



STATE OF ALASKA
49TH
AARON L. HUNTING
CE 106601
REGISTERED PROFESSIONAL ENGINEER
CERT

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HWY REHAB:
SPORTS LAKE ROAD TO
SWIRES ROAD – PHASE II

APPROACH
PLAN AND PROFILES

DESIGNED BY ALH
CHECKED BY ALH
DRAFTED BY DLP
SCALE 1" = 20'
DATE 4/26/2022 TIME 10:29 AM
DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY – PH.2 – SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_F26-F27_DW.DWG

PRELIMINARY

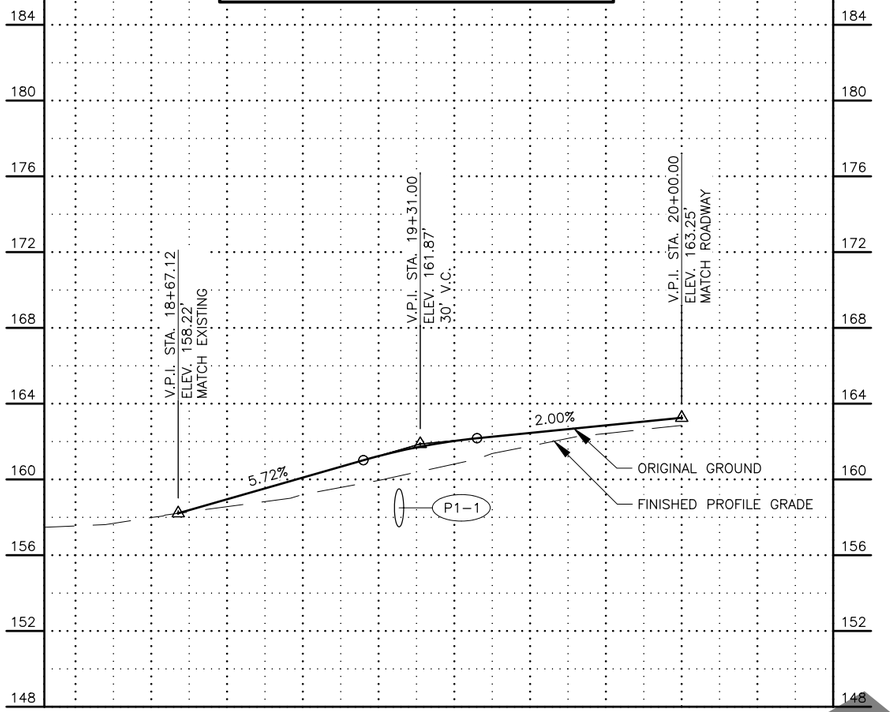
DATE	TIME
4/26/2022	10:30 AM

SCALE
1" = 20'

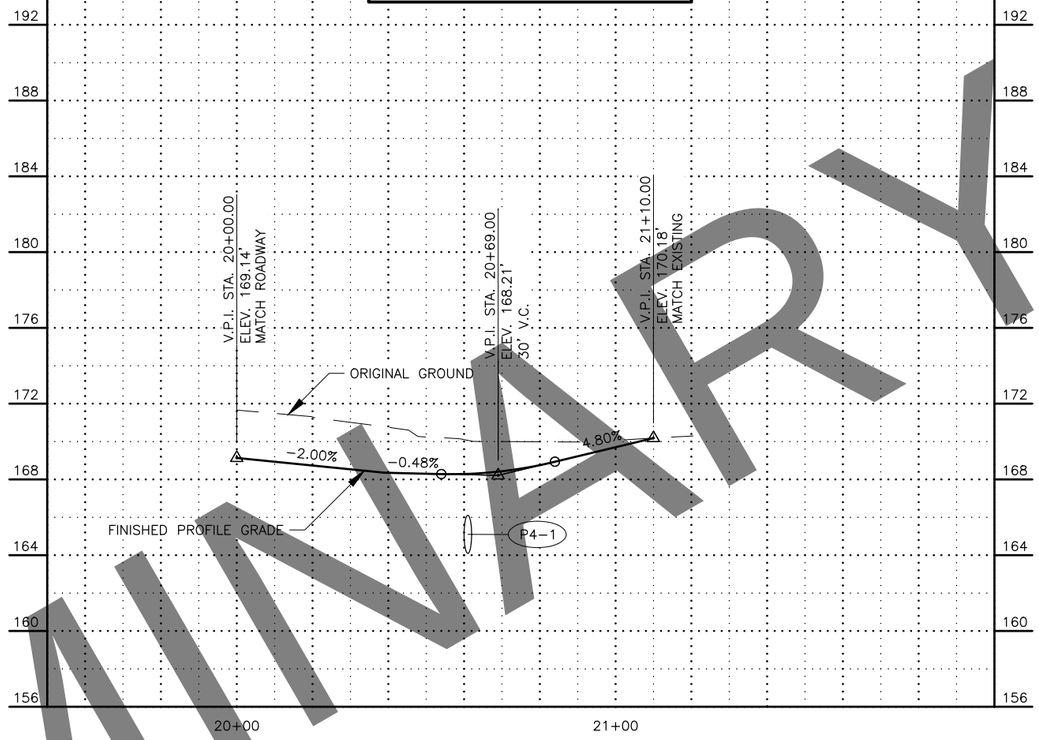
DESIGNED BY	A.H.
CHECKED BY	A.H.
DRAFTED BY	D.L.P.

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_F26-F27_DW.DWG

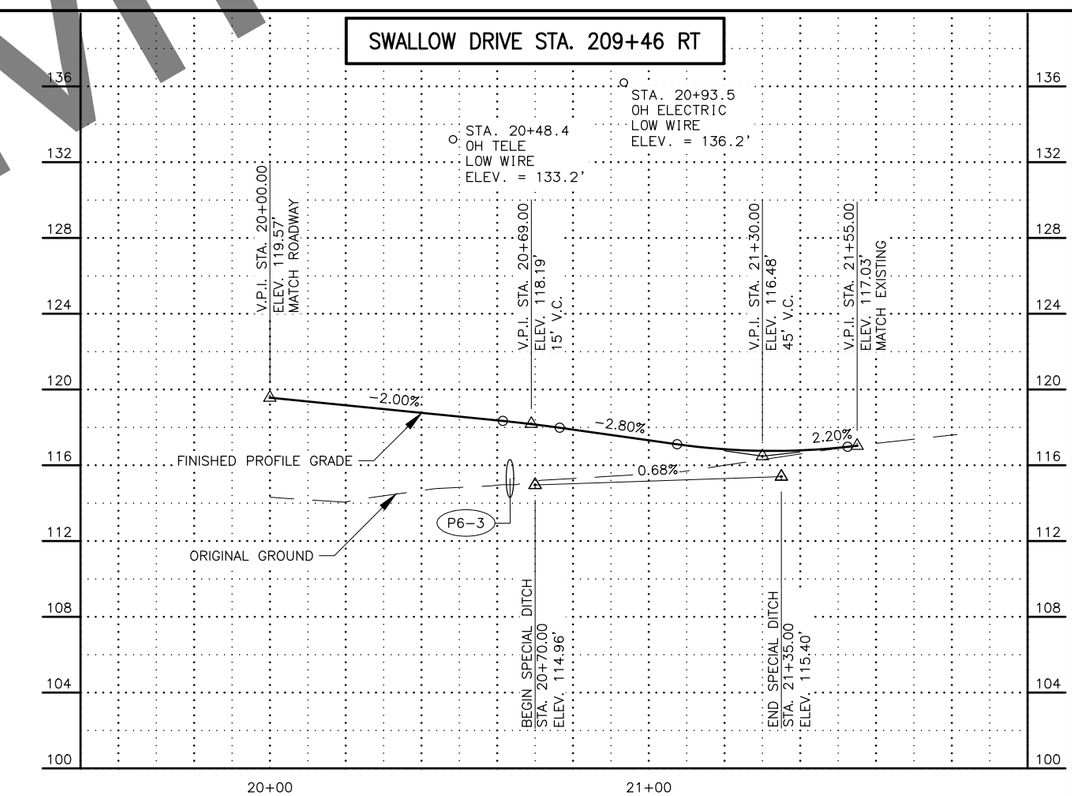
LANCASHIRE DRIVE STA. 150+38 LT



APPROACH STA. 176+94 RT



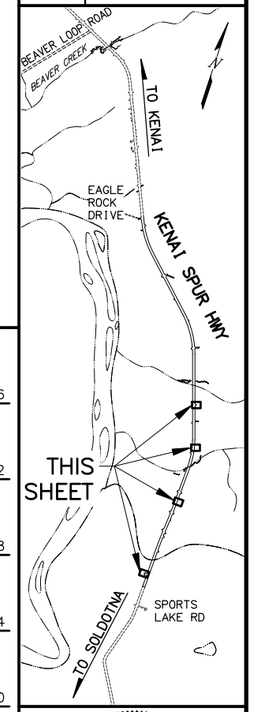
SWALLOW DRIVE STA. 209+46 RT



SHEET NO.	TOTAL SHEETS
F27	F27
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
0221(019)/
CFHWY00253

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



STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HWY REHAB:
SPORTS LAKE ROAD TO
SWIRES ROAD – PHASE II

APPROACH
PLAN AND PROFILES

NO.	DATE	REVISION

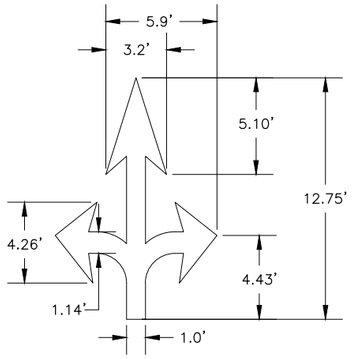
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	H1	H21

DESIGNED BY A.L.H
CHECKED BY A.L.H
DRAFTED BY D.L.P

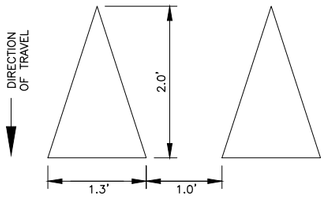
SCALE N/A

DATE TIME 4/26/2022 10:30 AM

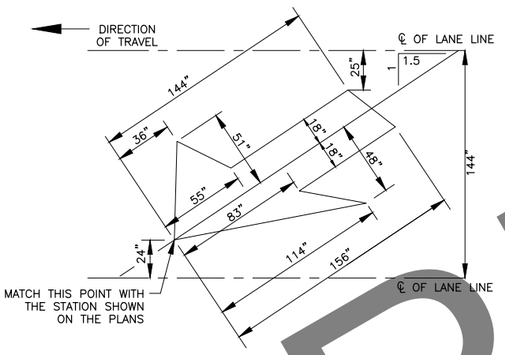
DRAWING LOCATION H:\PROJECTS\CFHWY00253 KENAI SPUR HWY – PH.2 – SPORTS LAKE TO EAGLE ROCK\DIV3D19\PLANSET\00253_H1-H2_TRAFFIC LEGEND & NOTES.DWG



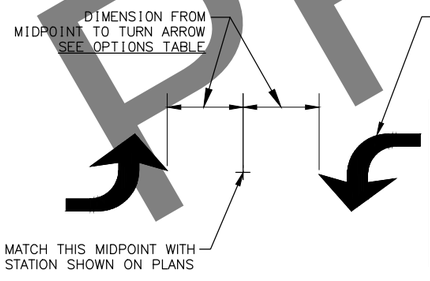
LEFT/THRU/RIGHT ARROW DETAIL



YIELD PAVEMENT MARKINGS DETAIL



LANE DROP ARROW DETAIL

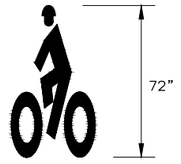


TWO WAY LEFT TURN ARROW DETAIL

OPTIONS	
POSTED SPEED	DIMENSION
35 MPH AND LESS	8 FEET
40 MPH-45 MPH	12 FEET
50 MPH AND GREATER	16 FEET

SIGNING & STRIPING NOTES:

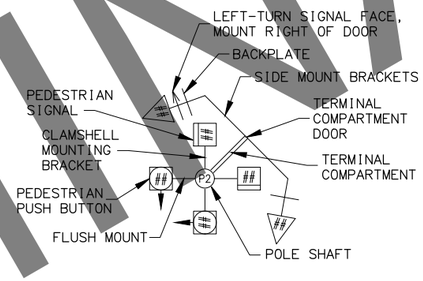
1. ALL STATION LOCATIONS FOR SIGN INSTALLATION ARE APPROXIMATE. INSTALL SIGNS AT LOCATIONS AS DIRECTED BY THE ENGINEER.
2. USE THE FOLLOWING DEFINITIONS TO DECIPHER THE ABBREVIATED SIGN POST TYPES IN THE SIGN SUMMARY SHEETS.
   A. PT MEANS A PERFORATED STEEL TUBE.
   B. T MEANS A SQUARE STEEL TUBE.
   C. P MEANS A ROUND STEEL PIPE.
   D. W MEANS A WIDE FLANGE BEAM.
   E. POPL MEANS A POLE PLATE INSTALLED PER ITS ALASKA STANDARD PLAN S-23.
3. FABRICATE ALL SIGNS FROM 0.125" THICK ALUMINUM SHEETING, UNLESS STATED ELSEWHERE.
4. FOR SIGNS SUPPORTED BY MULTIPLE POSTS, FABRICATE THE POSTS WITH THEIR TOPS LEVEL WITH ONE ANOTHER.
5. FOR PERFORATED STEEL TUBE SIGNPOSTS, INSTALL THE CONCRETE FOUNDATION OPTION SHOWN ON STANDARD PLAN S-30. TRIM EACH PT POST TO LIMIT THE LENGTH INSERTED INTO THE FOUNDATION TO 12 INCHES.
6. 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.
7. 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.
8. 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.
9. 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.
10. FOR ALL FINAL PAVEMENT MARKINGS USE METHYLMETHACRYLATE MATERIALS. LONGITUDINAL, TRANSVERSE AND SYMBOL MARKINGS SHALL BE INLAID AND GORE STRIPES SHALL BE SURFACE APPLIED AS SPECIFIED IN SECTION 670 OF THE SPECIFICATIONS.
11. DIMENSIONS REFER TO THE CENTER OF STRIPE AND THE EDGE OF PAVEMENT OR FACE OF CURB WHEN PRESENT.
12. 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.
13. 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.



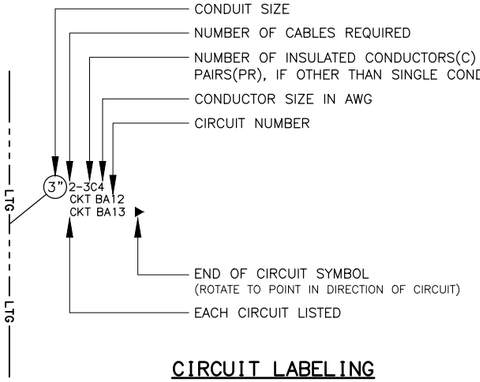
HELMETED MUTCD BIKE SYMBOL
(EXCLUDE ARROW UNLESS SHOWN IN PLANS)

ABBREVIATIONS

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



POLE SHAFT LEGEND



CIRCUIT LABELING LEGEND

FOUNDATIONS NOTES:

1. STATION & C.L. REFERENCE ARE TO THE CENTER OF THE STRUCTURE, EXCEPT ON LOOPS WHICH ARE TO THE CENTER OF THE TRAILING EDGE OF THE LOOP (EDGE NEAREST INTERSECTION).
2. JUNCTION BOX LOCATIONS APPROXIMATE. LOCATE J-BOXES SO THAT THEY ARE LOCATED OUT OF THE PATHWAY, SIDEWALK, CURB RAMPS, AND DRAINAGE COLLECTION AREAS.
3. INSTALL LOAD CENTER AND TRAFFIC CONTROLLER FOUNDATIONS WITHIN 1-DEGREE OF PLUMB.
4. INSTALL ANCHOR BOLTS IN CAST FOUNDATIONS TO BE WITHIN 1:48 OF PLUMB.
5. TOPSOIL AND SEED ANY DISTURBED AREAS.

SIGNAL SYSTEM NOTES:

1. FURNISH THE SIGNAL AND LUMINAIRE MASTARM LENGTHS AND DIMENSIONS SPECIFIED ON THE POLE ELEVATIONS.
2. INSTALL DEVICES SUCH THAT THE DIMENSIONS SHOWN TO THE BOTTOM OF THE DEVICES ON THE POLE ELEVATIONS ARE MINIMUMS. VERTICAL DIMENSIONS TO SIGNAL HEADS ARE TO BOTTOM OF THE BACK PLATE.
3. INSTALL MAST ARMS PERPENDICULAR TO THE ROADWAY CENTERLINE. ACCEPTABLE VARIANCE IS +/- 1-DEGREE.
4. SALVAGE SIGNAL POLE ASSEMBLIES, SIGNS, SIGNAL FACES, AND LUMINAIRES AND DELIVER TO MAINTENANCE AND OPERATIONS WITHIN 48-HOURS OF DECOMMISSIONING. COMPONENTS DAMAGED WHILE IN THE CONTRACTOR'S CUSTODY MUST BE REPLACED AT THE CONTRACTOR'S EXPENSE. REMOVE AND DISPOSE OF FOUNDATIONS.
5. SALVAGE EXISTING CONTROLLER CABINET AFTER NEW CONTROLLER CABINET IS IN SERVICE AND DELIVER TO MAINTENANCE AND OPERATIONS WITHIN 48-HOURS OF DECOMMISSIONING.
6. REMOVE ABANDONED OR UNUSED TRAFFIC JUNCTION BOXES UNLESS OTHERWISE NOTED.
7. NEW SIGNAL HEADS THAT ARE MOUNTED BUT NOT IN OPERATION SHALL BE COVERED WITH A COMMERCIALLY AVAILABLE SIGNAL-SHIRT. EACH SIGNAL SHIRT SHALL FEATURE ELASTICIZED OPENINGS THAT FIT OVER THE VISORS AND AT LEAST TWO STRAPS TO SECURE IT TO THE SIGNAL. PROVIDE SHIRTS WITH A LEGEND THAT READS "OUT OF SERVICE" AND A CENTER SECTION THAT ALLOWS AN OPERATOR TO SEE THE INDICATIONS DURING SYSTEM TESTS.
8. SIGNAL HEADS ARE TO BE LOCATED PER FIGURE 4D-100, TYPICAL SIGNAL HEAD LOCATIONS, PER THE ALASKA TRAFFIC MANUAL. ACCEPTABLE VARIANCE IS +/- 1-FOOT.
9. AIM SIGNALS PER TABLE 660-2, THROUGH-SIGNAL AIMING POINT, OF THE SPECIAL PROVISIONS. SIGNALS SHALL ALSO BE AIMED SO AS NOT TO BE VISIBLE FROM SIDE STREET TRAFFIC. ACCEPTABLE VARIANCE IS +/- 5 DEGREES.
10. 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.

CALL BEFORE YOU DIG!

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

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

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

PRELIMINARY

STATE OF ALASKA - DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES - CERTIFIED - AARON HUNTING - CE 106601 - REGISTERED PROFESSIONAL ENGINEER

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

TRAFFIC LEGEND AND NOTES

NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	H2	H21

DESIGNED BY	A.L.H.
CHECKED BY	A.L.H.
DRAFTED BY	D.L.P.

SCALE
N/A

DATE	TIME
4/26/2022	10:30 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_H1-H2_TRAFFIC LEGEND & NOTES.DWG

PRELIMINARY

SALVAGE ELECTROLIER SCHEDULE

POLE NO.	STATION	OFFSET	POLE TYPE	BASE TYPE	SHAFT LENGTH	MASTARM LENGTH	REMARKS
61	139+12	56' LT	STANDARD 2 OFFSET TYPE	CONCRETE	41.0'	0	
62	140+27	88' RT	STANDARD 2 OFFSET TYPE	CONCRETE	36.5'	18'	
63	140+82	56' LT	STANDARD 2 OFFSET TYPE	CONCRETE	42.5'	0	
64	142+53	56' LT	STANDARD 2 OFFSET TYPE	CONCRETE	44.0'	0	
65	144+23	56' LT	STANDARD 2 OFFSET TYPE	CONCRETE	41.0'	0	
66	145+92	57' LT	STANDARD 2 OFFSET TYPE	CONCRETE	40.5'	0	
67	147+63	56' LT	STANDARD 2 OFFSET TYPE	CONCRETE	38.0'	0	
68	149+43	54' LT	STANDARD 2 OFFSET TYPE	CONCRETE	37.0'	0	
69	151+34	51' RT	STANDARD 2 OFFSET TYPE	CONCRETE	45.0'	0	
70	153+73	37' LT	STANDARD 2 OFFSET TYPE	CONCRETE	44.5'	0	
71	156+71	42' RT	STANDARD 2 OFFSET TYPE	CONCRETE	40.5'	0	

LOAD CENTER REMOVAL SUMMARY

SHEET	STATION	OFFSET	TYPE
F1	140+54	89' RT	2

SALVAGE JUNCTION BOX SCHEDULE

J-BOX	STATION	OFFSET	TYPE
61	139+15	59' LT	1A
153	140+47	61' LT	II
63	140+83	62' LT	1A
64	142+50	60' LT	1A
65	144+20	60' LT	1A
66	145+90	60' LT	1A
67	147+61	62' LT	1A
68	149+36	58' LT	1A
155	151+35	48' LT	1A
69	151+40	50' RT	1A
156	153+15	45' RT	1A
70	153+67	37' LT	1A
157	154+98	48' RT	1A
71	156+61	42' RT	1A

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

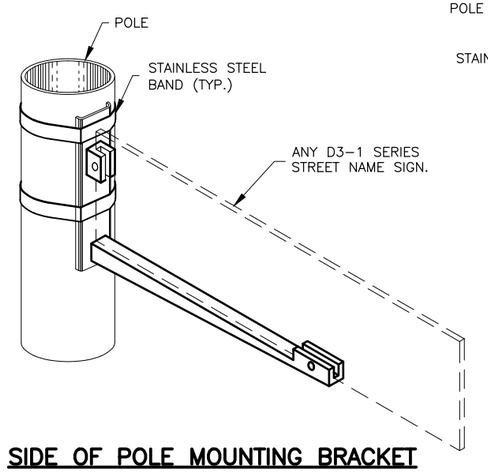
KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

LOAD CENTER & ELECTROLIER SUMMARY

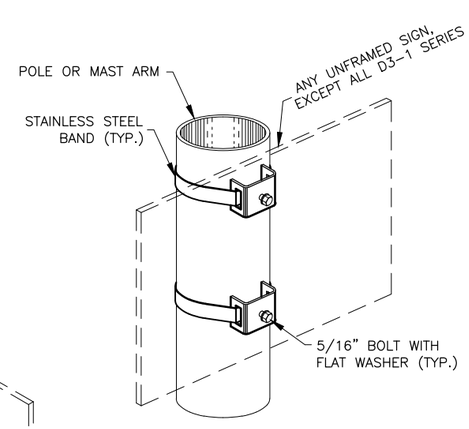
STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

NO.	DATE	REVISION

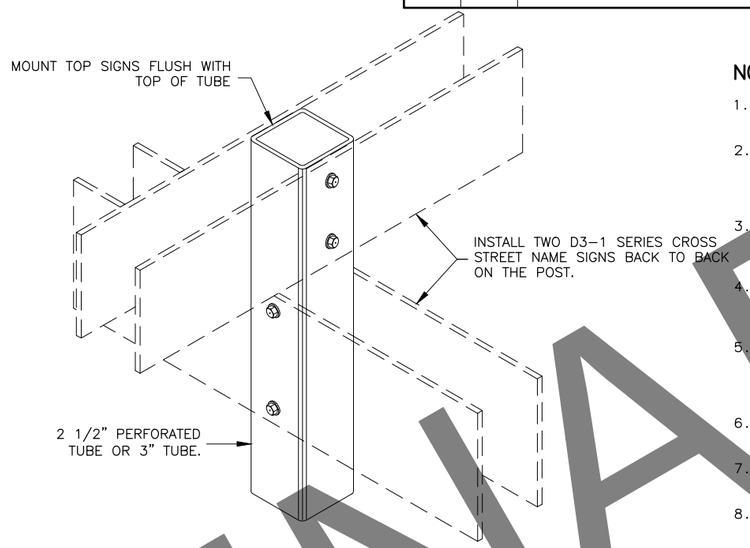
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	H3	H21



SIDE OF POLE MOUNTING BRACKET



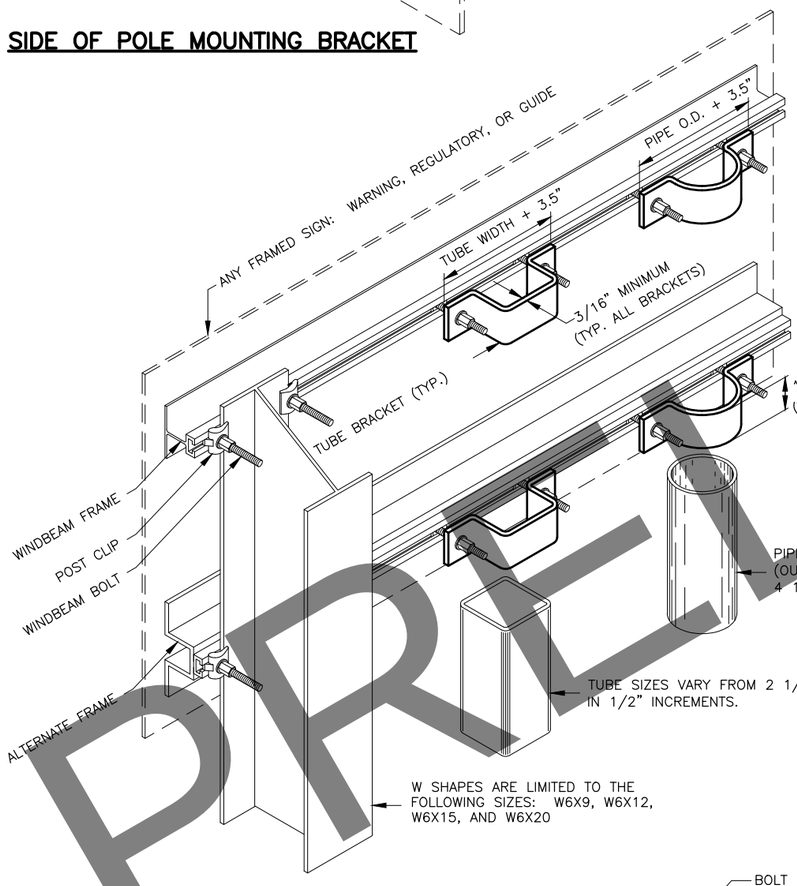
SADDLE BRACKETS



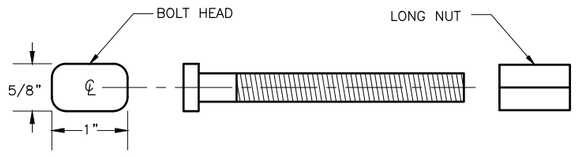
STREET NAME SIGN INSTALLATION

NOTES:

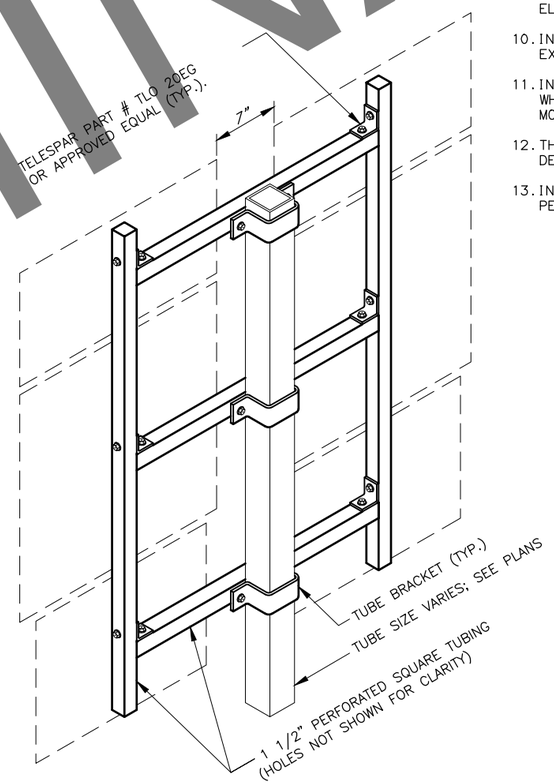
1. EXCEPT FOR POLES AND MAST ARMS, ONLY USE TUBES TO SUPPORT SIGNS MOUNTED ON ONE POST.
2. ATTACH SIGNS, FRAMED AND UNFRAMED TO THEIR SUPPORTS WITH ZINC PLATED 3/8" BOLTS, EXCEPT ATTACH UNFRAMED SIGNS TO PERFORATED TUBES WITH ACCESSORY DRIVE RIVETS AND TO SADDLES WITH 5/16" BOLTS.
3. BOLT UNFRAMED SIGNS DIRECTLY TO TUBES IN TWO LOCATIONS, NEAR TOP AND NEAR BOTTOM OF MATING SURFACE. ATTACH THEM TO POLES AND MAST ARMS WITH TWO SADDLES.
4. 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.
5. 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.
6. THE TUBE BRACKETS USED ON EVEN INCH SIZE TUBES MAY ALSO BE USED ON TUBES 1/2" SMALLER IN SIZE.
7. ONLY USE THE SPECIAL WINDBEAM BOLTS TO ATTACH SIGNS FRAMED WITH THE WINDBEAM FRAMING MATERIAL.
8. ATTACH FRAMED SIGNS TO POLES AND MAST ARMS USING POLE PLATES INSTALLED ACCORDING TO ALASKA STANDARD PLAN S-23.
9. FOR ROUTE MARKER TREES, CUT PERFORATED TUBES TO ENSURE TIGHT FITTING JOINTS. ASSEMBLE THE PIECES WITH ACCESSORY ELL-SHAPED ANGLE BRACKETS.
10. INSTALL THE TOP EDGE OF SIGNS 1" ABOVE THE TOPS OF POSTS, EXCEPT FOR THE D3-1 STREET NAME SIGNS.
11. INSTALL THE TOP EDGE OF SIGNS 3" BELOW THE TOP OF POST, WHENEVER THEY ARE MOUNTED BELOW SIGNS SECURED BY POST TOP MOUNTING BRACKETS.
12. THE BRACKET DETAILS SHOWN INDICATE GENERAL DESIGNS ONLY. DESIGNS MAY VARY BY MANUFACTURER.
13. INSTALL WEATHER TIGHT CAPS ON ALL PIPE AND TUBE POSTS, EXCEPT PERFORATED TUBING.



FRAMED SIGN ATTACHMENT BRACKETS



3/8" WINDBEAM BOLT AND LONG NUT



ROUTE MARKER TREE

FASTENER SPECIFICATION TABLE			
FASTENERS		STEEL	STAINLESS STEEL
BOLTS		ASTM A 307	ASTM F 593
NUTS	REGULAR	ASTM A 563	ASTM F 594
	LOCK		
WASHERS		ASTM A 36	ASTM A 480
POST CLIPS			

PRELIMINARY

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

SIGN ATTACHMENT DETAILS

DESIGNED BY	ALH
CHECKED BY	ALH
DRAFTED BY	DLP
SCALE	N/A
DATE TIME	4/26/2022 10:30 AM

DRAWING LOCATION
~~C:\PROJECTS\0221\0253 KENAI SPUR HWY - PH 2 - SPORTS LAKE TO EAGLE ROCK\CIV\301\PLANSET\00253_H3_SIGN_ATTACHMENT.DWG~~

NO.	DATE	REVISION

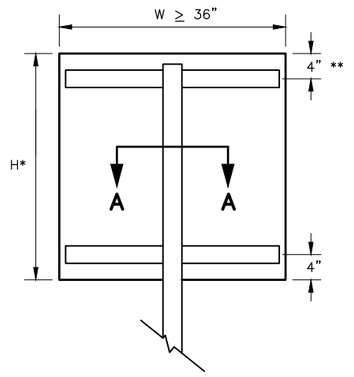
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	H4	H21

DESIGNED BY ALH
CHECKED BY ALH
DRAFTED BY DLP

SCALE N/A

DATE TIME 4/26/2022 10:30 AM

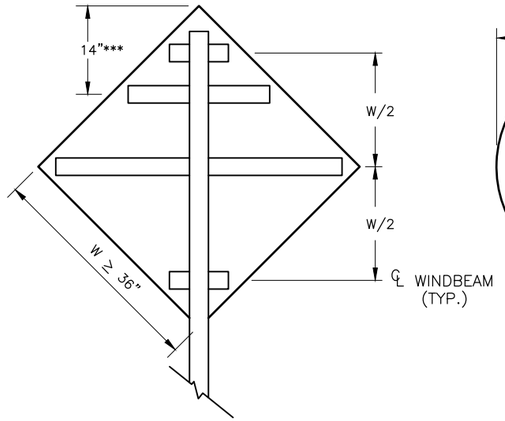
DRAWING LOCATION
C:\Users\dhunting\Desktop\0221(019)\CFHWY00253_KENAI_SPUR_HWY_-_PH2_-_SPORTS_LAKE_TO_EAGLE_ROCK\CIV\3019\PLANSET\00253_H4_LIGHT_SIGN.DWG



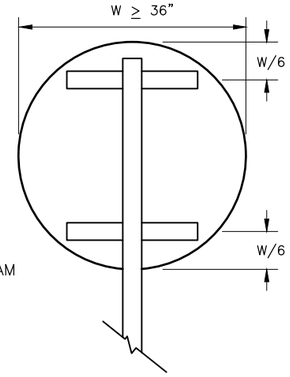
RECTANGLES AND TRAPEZOIDS

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

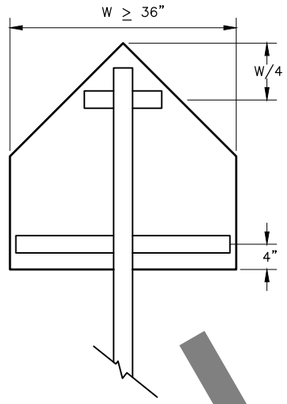
** FOR S5-1 SIGNS MOUNTED ON FLASHING BEACON POSTS, USE A 10" OFFSET. OTHERWISE, USE 4".

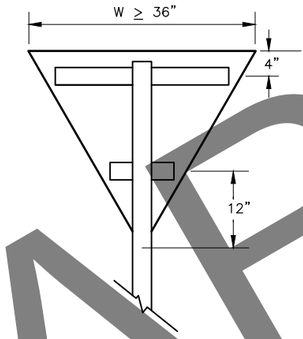


*** FOR WARNING SIGNS MOUNTED ON FLASHING BEACON POSTS, USE THE 14" OFFSET. OTHERWISE, USE W/2.



ROUNDS AND OCTAGONS



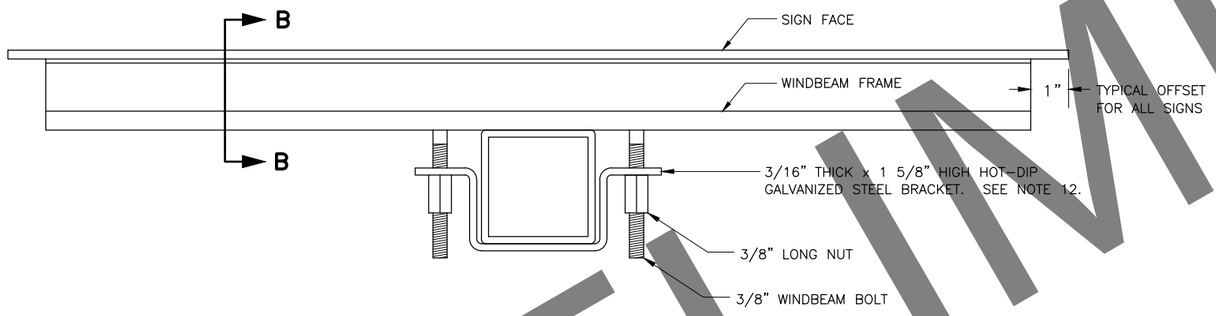


NOTES:

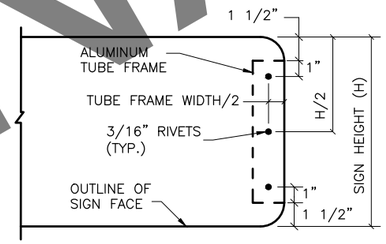
1. EXCEPT FOR POLES AND MAST ARMS, ONLY USE SQUARE STEEL TUBES TO SUPPORT SIGNS MOUNTED ON SINGLE POSTS.
2. INSTALL WINDBEAM OR ZEE SHAPED FRAMING MEMBERS ON DIAMOND SHAPED SIGNS 36 INCHES AND LONGER ON A SIDE AND ON OTHER SIGNS 36 INCHES WIDE AND WIDER.
3. IN HIGH WIND AREAS, THE PLANS MAY REQUIRE SIGNS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

WINDBEAM LOCATIONS FOR EACH SIGN SHAPE

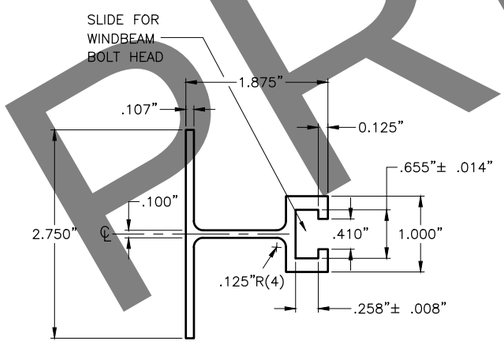
ELEVATION VIEW



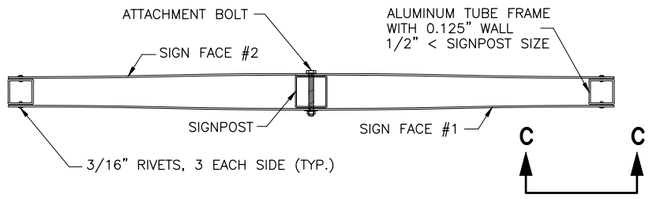
SECTION A - A TYPICAL SIGN ATTACHMENT DETAILS AT EACH WINDBEAM



VIEW C - C

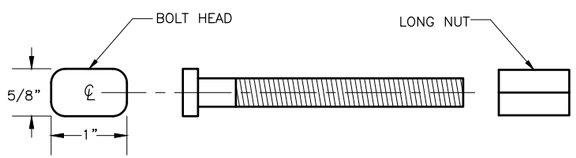


SECTION B - B WINDBEAM CROSS SECTION



D3-1 STREET NAME SIGN FRAMING DETAIL

PLAN VIEW



3/8" WINDBEAM BOLT AND LONG NUT

PRELIMINARY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

LIGHT SIGN ATTACHMENT DETAILS

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

DESIGNED BY	ALH
CHECKED BY	ALH
DRAFTED BY	DLP

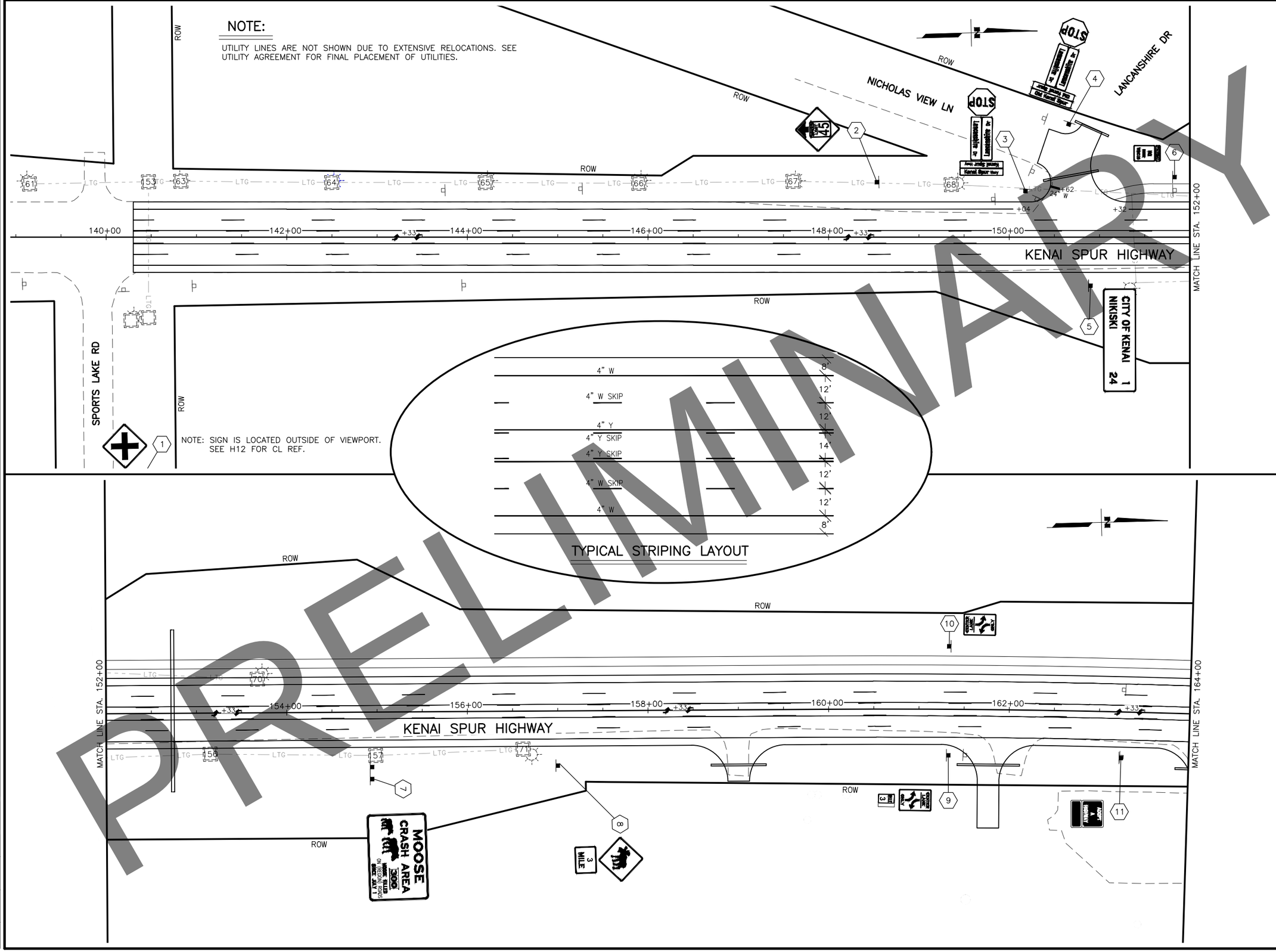
SCALE
1" = 50'

DATE	TIME
4/26/2022	10:31 AM

DRAWING LOCATION
H:\Projects\0221(019)\CFHWY00253_KENAI_SPUR_HWY_-_PH_2_-_SPORTS_LAKE_TO_EAGLE_ROCK\CIV\3D\19\PLANSET\00253_H5_H11_SIGN&STRIPE.DWG

NOTE:

UTILITY LINES ARE NOT SHOWN DUE TO EXTENSIVE RELOCATIONS. SEE UTILITY AGREEMENT FOR FINAL PLACEMENT OF UTILITIES.

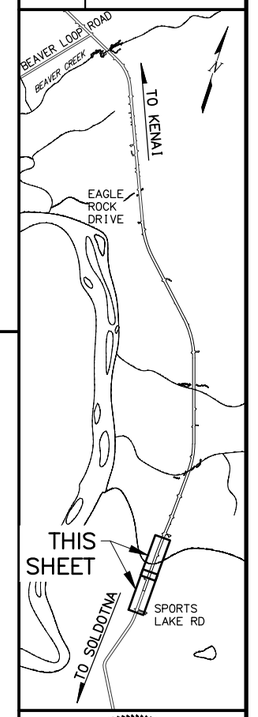


PRELIMINARY

SHEET NO.	TOTAL SHEETS
H5	H21
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
0221(019)/
CFHWY00253

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

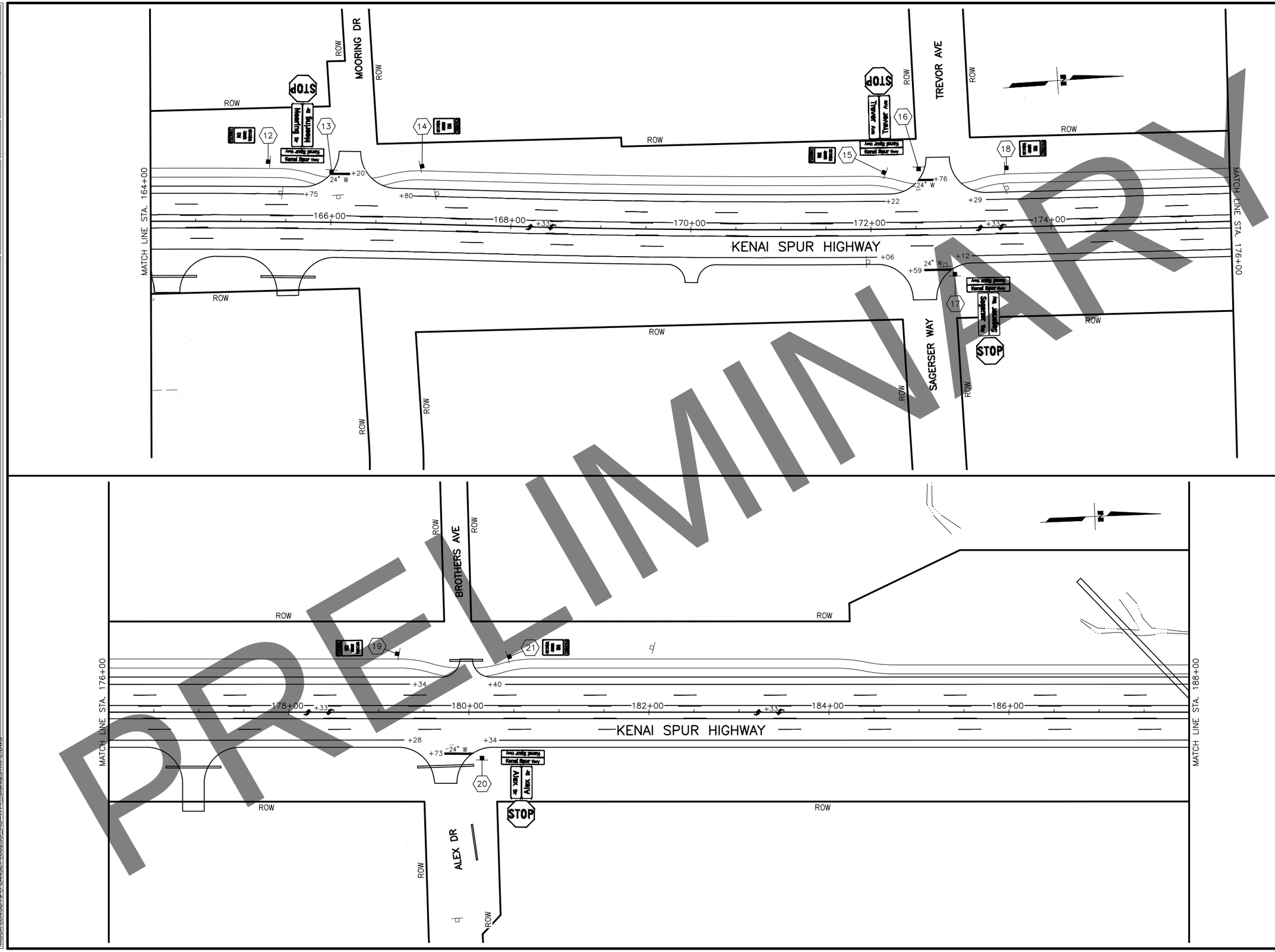


STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HWY REHAB:
SPORTS LAKE ROAD TO
SWIRES ROAD – PHASE II

SIGNING AND STRIPING
STA. 140+00 TO
STA. 164+00



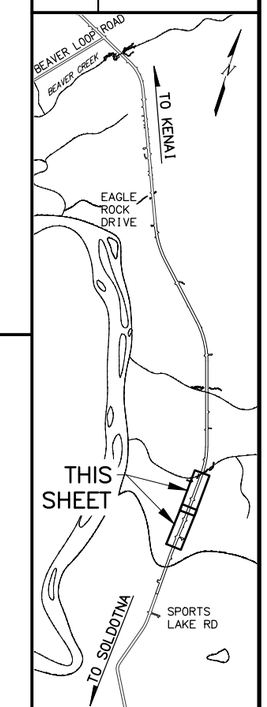
PRELIMINARY

SHEET NO.	TOTAL SHEETS
H6	H21
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION

0221(019)/ CFHWY00253

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



STATE OF ALASKA 49TH AARON L. HUNTING CE 106601 REGISTERED PROFESSIONAL ENGINEER

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

KENAI SPUR HWY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

SIGNING AND STRIPING STA.164+00 TO STA. 188+00

DESIGNED BY ALH
CHECKED BY ALH
DRAFTED BY DLP

SCALE 1" = 50'

DATE 4/26/2022 TIME 10:31 AM

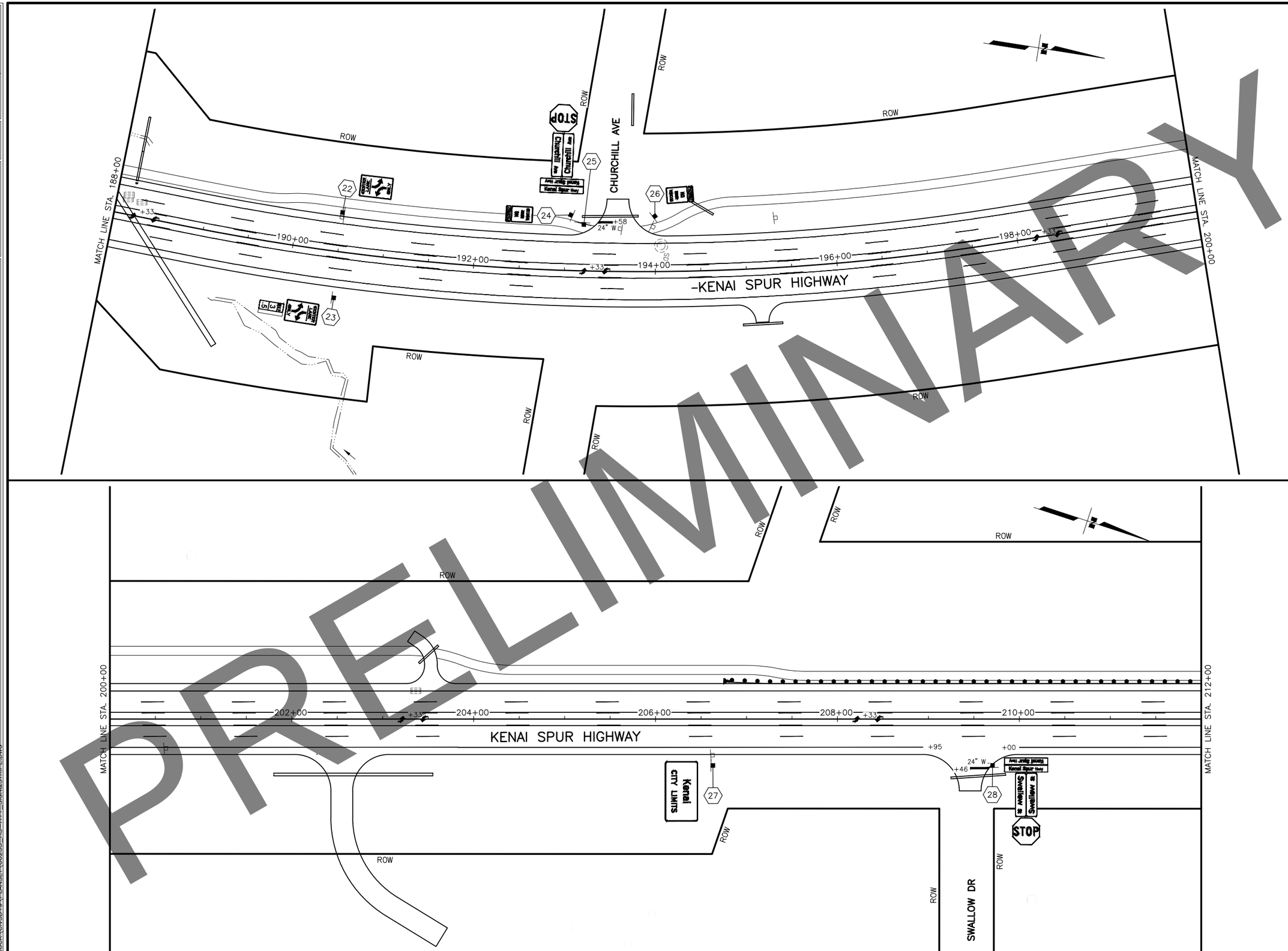
DRAWING LOCATION
W:\PROJECTS\CFHWY00253_KENAI_SPUR_HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_H5-H11_SIGN&STRIPE.DWG

DESIGNED BY A.L.H.
CHECKED BY A.L.H.
DRAFTED BY D.L.P.

SCALE 1" = 50'

DATE TIME
4/26/2022 10:31 AM

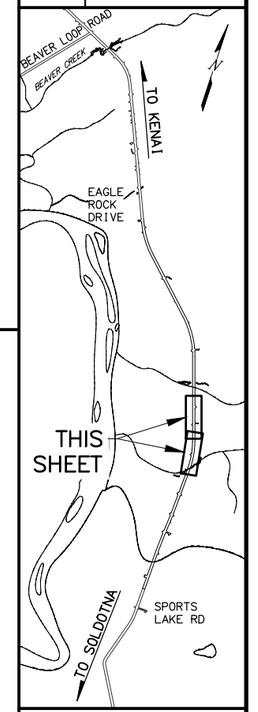
DRAWING LOCATION
H:\PROJECTS\0221(019)_CFHWY00253_KENAI_SPUR_HWY_-_PH_2_-_SPORTS_LAKE_TO_EAGLE_ROCK\CIV\3D\19_PLANSET\00253_H5_H11_SIGN&STRIPE.DWG



SHEET NO.	TOTAL SHEETS
H7	H21
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
0221(019)/
CFHWY00253

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



STATE OF ALASKA
40TH
AARON A. HUNTING
CE 106601
REGISTERED PROFESSIONAL ENGINEER

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HWY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

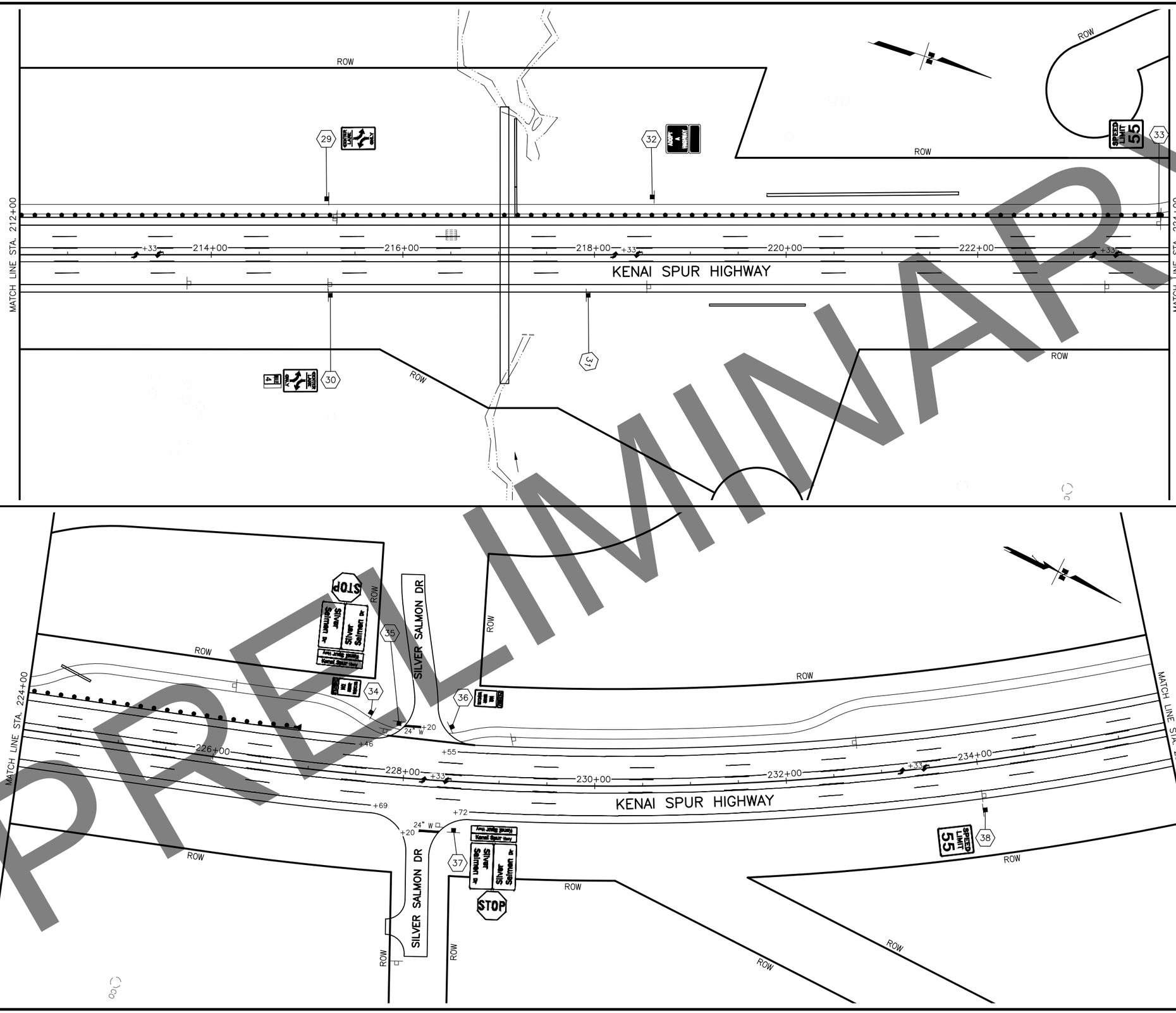
SIGNING AND STRIPING
STA. 188+00 TO
STA. 212+00

DESIGNED BY	ALH
CHECKED BY	ALH
DRAFTED BY	DLP

SCALE
1" = 50'

DATE	TIME
4/26/2022	10:31 AM

DRAWING LOCATION
K:\Active\0221019\Engineering\0221019_H5_H11_SIGN&STRIPE.DWG
K:\Active\0221019\PLANSET\00253_H5-H11_SIGN&STRIPE.DWG

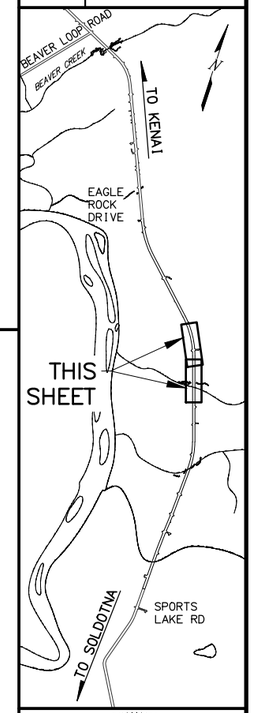


PRELIMINARY

SHEET NO.	TOTAL SHEETS
H8	H21
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
0221(019)/
CFHWY00253

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



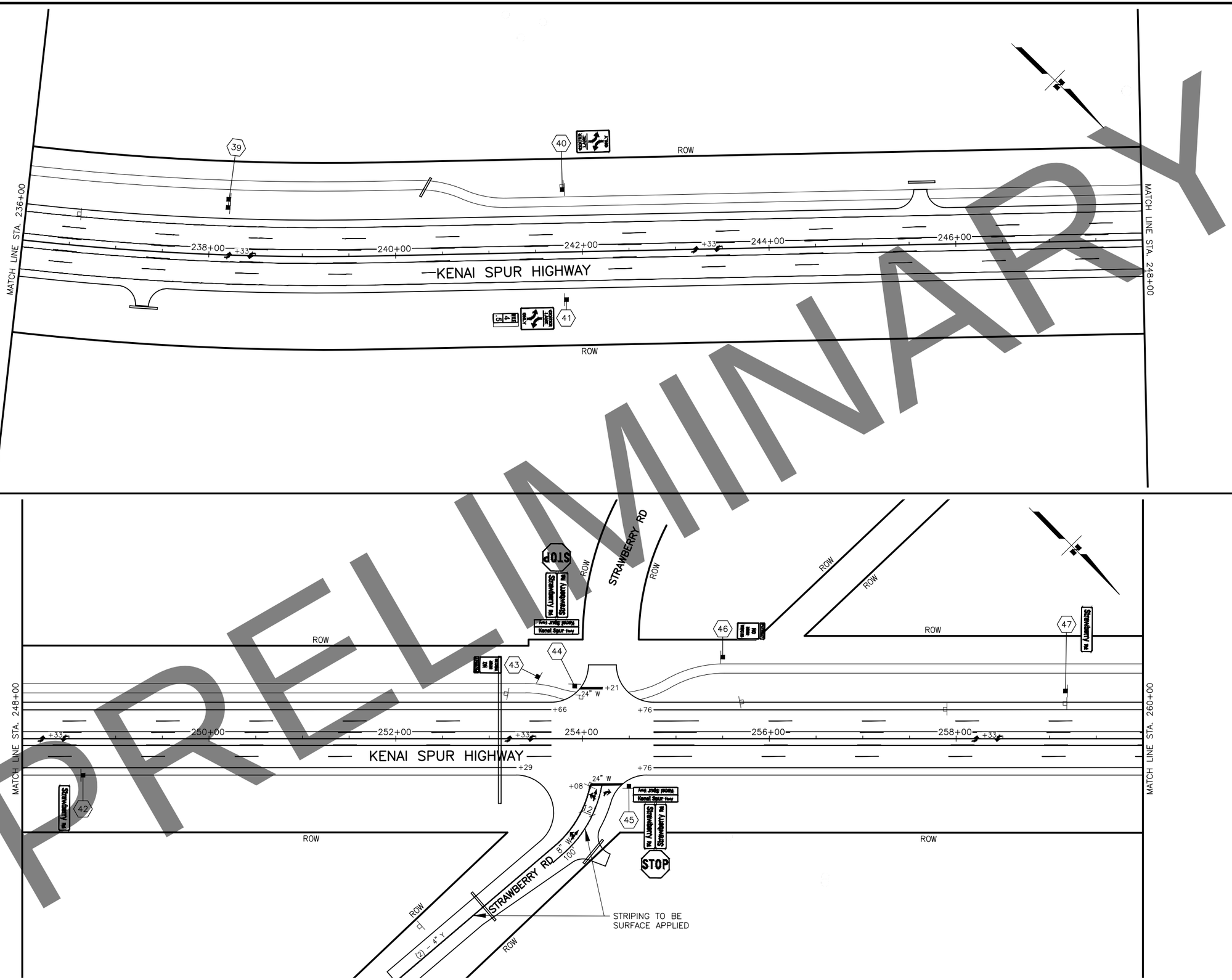
STATE OF ALASKA
49TH
AARON C. HUNTING
CE 106601
REGISTERED PROFESSIONAL ENGINEER
CERT

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HWY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

SIGNING AND STRIPING
STA. 212+00 TO
STA. 236+00



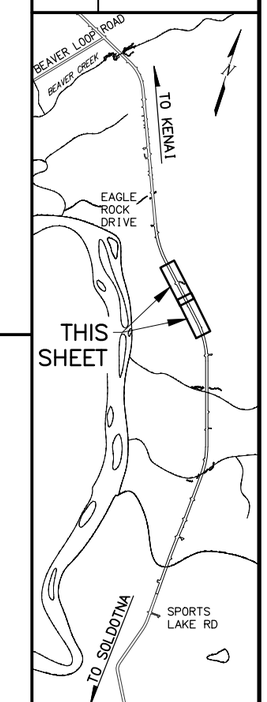
PRELIMINARY

SHEET NO.	TOTAL SHEETS
H9	H21
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION

0221(019)/ CFHWY00253

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



STATE OF ALASKA
49TH
AARON L. HUNTING
ICE 106601
REGISTERED PROFESSIONAL ENGINEER

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

KENAI SPUR HWY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

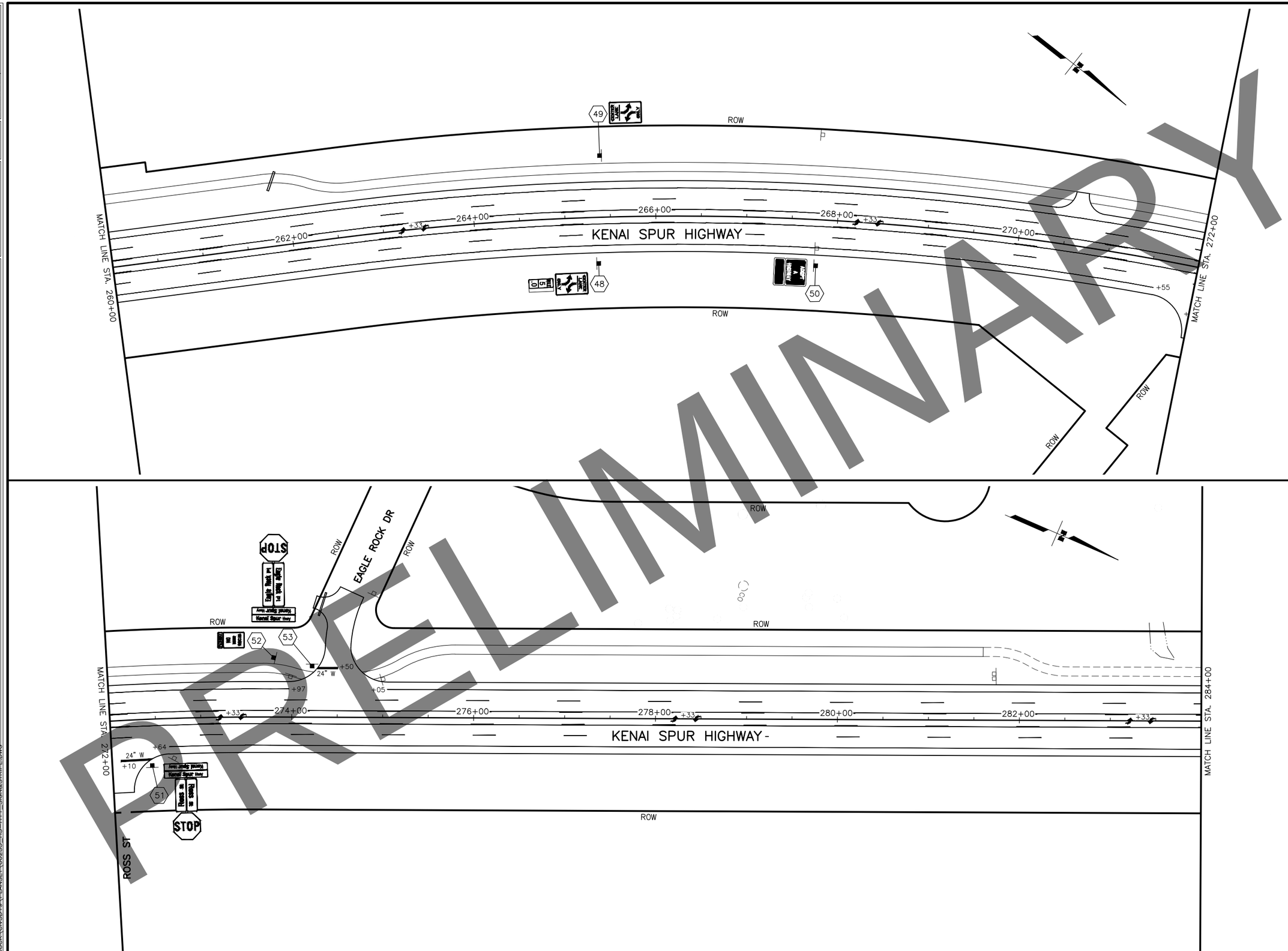
SIGNING AND STRIPING STA. 236+00 TO STA. 260+00

DESIGNED BY ALH
CHECKED BY ALH
DRAFTED BY DLP

SCALE 1" = 50'

DATE 4/26/2022 TIME 10:32 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253_KENAI_SPUR_HWY_-_PH.2_-_SPORTS_LAKE_TO_EAGLE_ROCK\CIV3D19\PLANSET\00253_H5_H11_SIGN&STRIPE.DWG



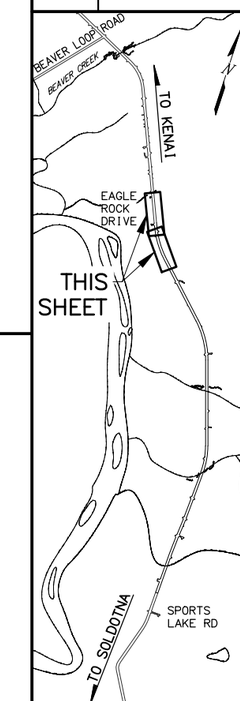
PRELIMINARY

SHEET NO.	TOTAL SHEETS
H10	H21
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION

0221(019)/
CFHWY00253

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



STATE OF ALASKA
49TH
AARON L. HUNTING
CE 106601
REGISTERED PROFESSIONAL ENGINEER

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HWY REHAB:
SPORTS LAKE ROAD TO
SWIRES ROAD – PHASE II

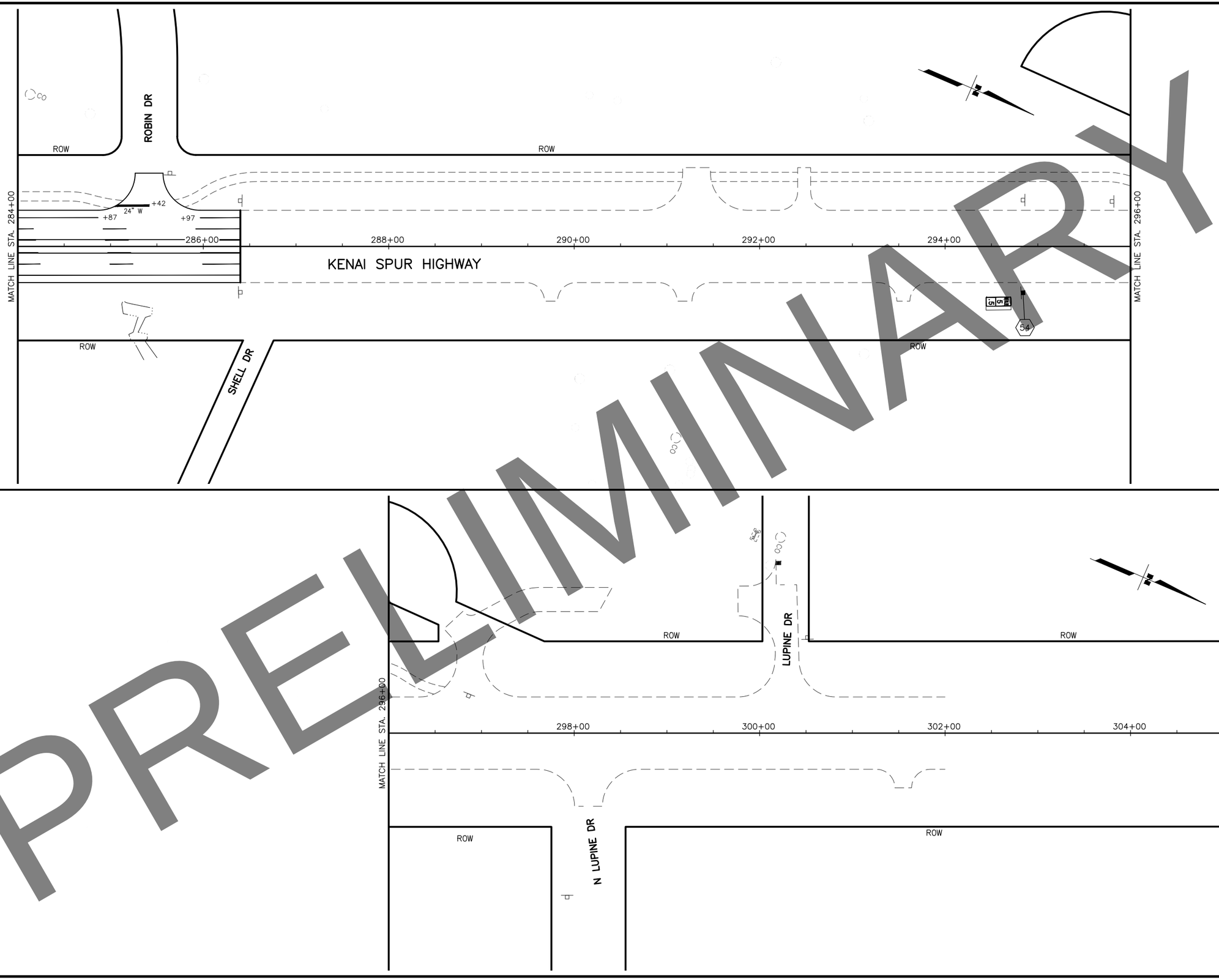
SIGNING AND STRIPING
STA. 260+00 TO
STA. 284+00

DESIGNED BY ALH
CHECKED BY ALH
DRAFTED BY DLP

SCALE 1" = 50'

DATE 4/26/2022 TIME 10:32 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253_KENAI_SPUR_HWY_-_PH.2_-_SPORTS_LAKE_TO_EAGLE_ROCK\CIV3D19\PLANSET\00253_H5-H11_SIGN&STRIPE.DWG



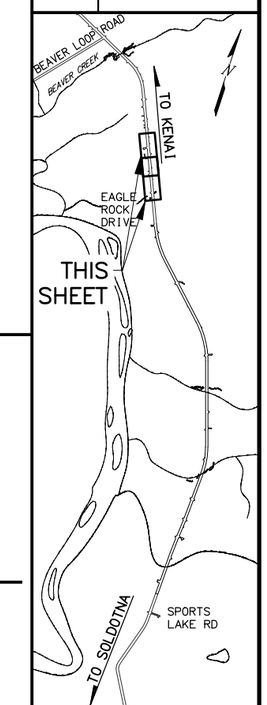
PRELIMINARY

SHEET NO.	TOTAL SHEETS
H11	H21
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION

0221(019)/
CFHWY00253

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



STATE OF ALASKA
49TH
AARON L. HUNTING
CE 106601
REGISTERED PROFESSIONAL ENGINEER
CERT

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HWY REHAB:
SPORTS LAKE ROAD TO
SWIRES ROAD – PHASE II

SIGNING AND STRIPING
STA. 284+00 TO
STA. 304+00

DESIGNED BY ALH
CHECKED BY ALH
DRAFTED BY DLP

SCALE 1" = 50'

DATE 4/26/2022 TIME 10:32 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH 2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_H5-H11_SIGN&STRIPE.DWG

NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	H12	H21

615.0001.0000 - SIGN SUMMARY

SHEET	SIGN NO.	ALIGNMENT STATION	CL REF	TYPE	LEGEND	SIZE (IN) WIDTH	SIZE (IN) HEIGHT	AREA (SQ.FT)	SIGN FACES	POSTS NO., SIZE, & TYPE	FRAMED YES	FRAMED NO	REMARKS
H5	1	140+14	350' RT	W2-1		30	30	6.25	E	1-3" T		X	SIGN IS ON SPORTS LAKE RD
H5	2	148+56	LT	W3-5	45	30	30	6.25	W	1-3" T		X	
H5	3	150+18	LT	D3-1	Kenai Spur Hwy	48	8	2.67	E	1-3" T	X		INSTALL BACK TO BACK
				D3-1	Kenai Spur Hwy	48	8	2.67	W		X		
				D3-1	Lancanshire Dr	48	12	4.00	N		X		INSTALL BACK TO BACK
				D3-1	Lancanshire Dr	48	12	4.00	S		X		
				R1-1	STOP	36	36	9.00	W		X		
H5	4	150+66	LT	D3-1	Lancanshire Dr	48	12	4.00	E	1-3" T	X		INSTALL BACK TO BACK
				D3-1	Lancanshire Dr	48	12	4.00	W		X		
				D3-1	Old Kenai Spur	48	8	2.67	N		X		INSTALL BACK TO BACK
				D3-1	Old Kenai Spur	48	8	2.67	S		X		
				R1-1	STOP	36	36	9.00	S		X		
H5	5	150+90	LT	D2-2	CITY OF KENAI 1 NIKISKI 24	114	36	28.50	S	1-3" T	X		
H5	6	151+83	LT	R5-103P	PATHWAY	12	6	0.50	S	1-2.5" PT		X	FABRICATE AS ONE PANEL
				R5-103	NO MOTOR VEHICLES	12	18	1.50				X	
H5	7	155+00	RT	W16-115	MOOSE CRASH AREA	96	66	44.00	N	1-3" T	X		
H5	8	157+00	RT	W11-21		30	30	6.25	N	1-3" T		X	
				W16-3P	3 MILE	30	24	5.00	N			X	

PRELIMINARY

STATE OF ALASKA 49TH CERT AARON HUNTING CE 106601 REGISTERED PROFESSIONAL ENGINEER

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB:
SPORTS LAKE ROAD TO
SWIRES ROAD – PHASE II

SIGN SUMMARY

DESIGNED BY DLP
CHECKED BY ALH
DRAFTED BY DLP
SCALE N/A
DATE 4/26/2022 TIME 10:32 AM
DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_H12-H19_SIGN SUM.DWG

NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	H13	H21

DESIGNED BY: DLP
CHECKED BY: ALH
DRAFTED BY: DLP

SCALE: N/A

DATE TIME: 4/26/2022 10:32 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIVIL3D19\PLANSET\00253_H12-H19_SIGN SUMMARY.DWG

615.0001.0000 - SIGN SUMMARY

SHEET	SIGN NO.	ALIGNMENT STATION	CL REF	TYPE	LEGEND	SIZE (IN) WIDTH	SIZE (IN) HEIGHT	AREA (SQ.FT)	SIGN FACES	POSTS NO., SIZE, & TYPE	FRAMED YES	FRAMED NO	REMARKS
H5	9	161+53	RT	R3-9B	TURNING LANE ONLY	24	36	6.00	N	1-3" T		X	
				D10-201	MILE 3	14	18	1.75	N/S			X	
H5	10	161+53	LT	R3-9B	TURNING LANE ONLY	24	36	6.00	S	1-3" T		X	
H5	11	163+24	RT	D14-100	ADOPT A HIGHWAY	30	24	5.00	S	1-3" T		X	BUILD AS ONE PANEL
						30	12	2.50				X	
H6	12	165+30	LT	R5-103P	PATHWAY	12	6	0.50	N	1-2.5" PT		X	FABRICATE AS ONE PANEL
				R5-103	NO MOTOR VEHICLES	12	18	1.50				X	
H6	13	166+00	LT	D3-1	Kenai Spur Hwy	48	8	2.67	E	1-3" T	X		INSTALL BACK TO BACK
				D3-1	Kenai Spur Hwy	48	8	2.67	W		X		
				D3-1	Mooring Dr	48	12	4.00	N		X		INSTALL BACK TO BACK
				D3-1	Mooring Dr	48	12	4.00	S		X		
				R1-1	STOP	36	36	9.00	W		X		
H6	14	166+99	LT	R5-103P	PATHWAY	12	6	0.50	S	1-2.5" PT		X	FABRICATE AS ONE PANEL
				R5-103	NO MOTOR VEHICLES	12	18	1.50				X	
H6	15	172+15	LT	R5-103P	PATHWAY	12	6	0.50	N	1-2.5" PT		X	FABRICATE AS ONE PANEL
				R5-103	NO MOTOR VEHICLES	12	18	1.50				X	

PRELIMINARY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

SIGN SUMMARY

NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	H14	H21

615.0001.0000 - SIGN SUMMARY

SHEET	SIGN NO.	ALIGNMENT STATION	CL REF	TYPE	LEGEND	SIZE (IN) WIDTH	SIZE (IN) HEIGHT	AREA (SQ.FT)	SIGN FACES	POSTS NO., SIZE, & TYPE	FRAMED YES	FRAMED NO	REMARKS
H6	16	172+54	LT	D3-1	Kenai Spur Hwy	48	8	2.67	E	1-3" T	X		INSTALL BACK TO BACK
				D3-1	Kenai Spur Hwy	48	8	2.67	W		X		
				D3-1	Trevor Ave	48	12	4.00	N		X		INSTALL BACK TO BACK
				D3-1	Trevor Ave	48	12	4.00	S		X		
				R1-1	STOP	36	36	9.00	W		X		
H6	17	172+93	RT	D3-1	Kenai Spur Hwy	48	8	2.67	E		X		INSTALL BACK TO BACK
				D3-1	Kenai Spur Hwy	48	8	2.67	W		X		
				D3-1	Sagerser Way	48	12	4.00	N	1-3" T	X		
				D3-1	Sagerser Way	48	12	4.00	S		X		
				R1-1	STOP	36	36	9.00	E		X		
H6	18	173+52	LT	R5-103P	PATHWAY	12	6	0.50	S	1-2.5" PT		X	FABRICATE AS ONE PANEL
				R5-103	NO MOTOR VEHICLES	12	18	1.50				X	
H6	19	179+20	LT	R5-103P	PATHWAY	12	6	0.50	N	1-2.5" PT		X	FABRICATE AS ONE PANEL
				R5-103	NO MOTOR VEHICLES	12	18	1.50				X	
H6	20	180+15	RT	D3-1	Kenai Spur Hwy	48	8	2.67	E	1-3" T	X		INSTALL BACK TO BACK
				D3-1	Kenai Spur Hwy	48	8	2.67	W		X		
				D3-1	Alex Dr	36	12	3.00	N		X		INSTALL BACK TO BACK
				D3-1	Alex Dr	36	12	3.00	S		X		
				R1-1	STOP	36	36	9.00	E		X		

PRELIMINARY

DESIGNED BY: DLP
CHECKED BY: ALH
DRAFTED BY: DLP
SCALE: N/A
DATE TIME: 4/26/2022 10:32 AM
DRAWING LOCATION: W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH:2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_H12-H19_SIGN SUMMARY.DWG

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

SIGN SUMMARY

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	H15	H21

615.0001.0000 - SIGN SUMMARY

SHEET	SIGN NO.	ALIGNMENT STATION	CL REF	TYPE	LEGEND	SIZE (IN) WIDTH	SIZE (IN) HEIGHT	AREA (SQ.FT)	SIGN FACES	POSTS NO., SIZE, & TYPE	FRAMED YES	FRAMED NO	REMARKS
H6	21	180+45	LT	R5-103P	PATHWAY	12	6	0.50	S	1-2.5" PT		X	FABRICATE AS ONE PANEL
				R5-103	NO MOTOR VEHICLES	12	18	1.50				X	
H7	22	190+49	LT	R3-9B	REVERSIBLE LANE USE CONTROL SIGNAL ONLY	24	36	6.00	N	1-3" T		X	
H7	23	190+52	RT	R3-9B	REVERSIBLE LANE USE CONTROL SIGNAL ONLY	24	36	6.00	S	1-3" T		X	
				D10-201A	MILE 3 .5	14	27	2.63	N/S			X	
H7	24	193+05	LT	R5-103P	PATHWAY	12	6	0.50	N	1-2.5" PT		X	FABRICATE AS ONE PANEL
				R5-103	NO MOTOR VEHICLES	12	18	1.50				X	
H7	25	193+20	LT	D3-1	Kenai Spur Hwy	48	8	2.67	E	1-3" T	X		INSTALL BACK TO BACK
				D3-1	Kenai Spur Hwy	48	8	2.67	W		X		
				D3-1	Churchill Ave	48	12	4.00	N		X		INSTALL BACK TO BACK
				D3-1	Churchill Ave	48	12	4.00	S		X		
				R1-1	STOP	36	36	9.00	W		X		
H7	26	194+00	LT	R5-103P	PATHWAY	12	6	0.50	S	1-2.5" PT		X	FABRICATE AS ONE PANEL
				R5-103	NO MOTOR VEHICLES	12	18	1.50				X	
H7	27	206+63	RT	I-220	Kenai CITY LIMITS	66	36	16.50	S	1-3" T	X		

PRELIMINARY

DESIGNED BY DLP
CHECKED BY ALH
DRAFTED BY DLP

SCALE N/A

DATE TIME 4/26/2022 10:32 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV\3D19\PLANSET\00253_H12-H19_SIGN SUMMARY.DWG

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB:
SPORTS LAKE ROAD TO
SWIRES ROAD – PHASE II

SIGN SUMMARY

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	H16	H21

DESIGNED BY: DLP
CHECKED BY: ALH
DRAFTED BY: DLP
SCALE: N/A
DATE TIME: 4/26/2022 10:33 AM
DRAWING LOCATION: H:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV3D19\PLANSET\00253_H12-H19_SIGN SUMMARY.DWG

615.0001.0000 - SIGN SUMMARY

SHEET	SIGN NO.	ALIGNMENT STATION	CL REF	TYPE	LEGEND	SIZE (IN) WIDTH	SIZE (IN) HEIGHT	AREA (SQ.FT)	SIGN FACES	POSTS NO., SIZE, & TYPE	FRAMED YES	FRAMED NO	REMARKS
H7	28	209+71	RT	D3-1	Kenai Spur Hwy	48	8	2.67	E	1-3" T	X		INSTALL BACK TO BACK
				D3-1	Kenai Spur Hwy	48	8	2.67	W		X		
				D3-1	Swallow St	48	12	4.00	N		X		INSTALL BACK TO BACK
				D3-1	Swallow St	48	12	4.00	S		X		
				R1-1	STOP	36	36	9.00	E		X		
H8	29	215+20	LT	R3-9B	CHANGE LANE ONLY	24	36	6.00	N	1-3" T		X	
H8	30	215+24	RT	R3-9B	CHANGE LANE ONLY	24	36	6.00	S	1-3" T		X	
				D10-201	MILE 4	14	18	1.75	N/S			X	
H8	31	217+93	RT	D7-102	PILLARS BOAT LAUNCH	138	36	34.50	S	2 6"X9" W	X		
				D7-102P	PARKING & LAUNCH SYMBOL	96	24	16.00	S		X		
H8	32	218+60	LT	D14-100	ADOPT A HIGHWAY	30	24	5.00	N	1-3" T		X	BUILD AS ONE PANEL
				D10-201		30	12	2.50					
H8	33	223+89	LT	R2-1	SPEED LIMIT 55	30	36	7.50	N	1-3" T		X	
H8	34	227+60	LT	R5-103P	PATHWAY	12	6	0.50	N	1-2.5" PT		X	FABRICATE AS ONE PANEL
				R5-103	NO WHR RIDER	12	18	1.50				X	
H8	35	227+91	LT	D3-1	Kenai Spur Hwy	48	8	2.67	E	1-3" T	X		INSTALL BACK TO BACK
				D3-1	Kenai Spur Hwy	48	8	2.67	W		X		
				D3-1	Silver Salmon Dr	48	24	8.00	N		X		INSTALL BACK TO BACK
				D3-1	Silver Salmon Dr	48	24	8.00	S		X		
				R1-1	STOP	36	36	9.00	W		X		

PRELIMINARY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

SIGN SUMMARY

STATE OF ALASKA
49TH
AARON HUNTING
CE 106601
REGISTERED PROFESSIONAL ENGINEER
CERT

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	H17	H21

DESIGNED BY: DLP
CHECKED BY: ALH
DRAFTED BY: DLP

SCALE: N/A

DATE TIME: 4/26/2022 10:33 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV\3D19\PLANSET\00253_H12-H19_SIGN SUMMARY.DWG

615.0001.0000 - SIGN SUMMARY

SHEET	SIGN NO.	ALIGNMENT STATION	CL REF	TYPE	LEGEND	SIZE (IN) WIDTH	SIZE (IN) HEIGHT	AREA (SQ.FT)	SIGN FACES	POSTS NO., SIZE, & TYPE	FRAMED YES	FRAMED NO	REMARKS
H8	36	228+48	LT	R5-103P	PATHWAY	12	6	0.50	S	1-2.5" PT		X	FABRICATE AS ONE PANEL
				R5-103	NO MOTOR VEHICLES	12	18	1.50				X	
H8	37	228+55	RT	D3-1	Kenai Spur Hwy	48	8	2.67	E	1-3" T	X		INSTALL BACK TO BACK
				D3-1	Kenai Spur Hwy	48	8	2.67	W		X		
				D3-1	Silver Salmon Dr	48	24	8.00	N		X		INSTALL BACK TO BACK
				D3-1	Silver Salmon Dr	48	24	8.00	S		X		
				R1-1	STOP	36	36	9.00	E		X		
H8	38	234+02	RT	R2-1	SPEED LIMIT 55	30	36	7.50	S	1-3" T		X	
H9	39	238+19	LT	D7-102	PILLARS BOAT LAUNCH	138	36	34.50	N	2-6"X8" W	X		
				D7-102P	PARKING & LAUNCH SYMBOL	96	24	16.00	N		X		
H9	40	241+80	LT	R3-9B	TURNING LANE ONLY	24	36	6.00	S	1-3" T		X	
H9	41	241+82	RT	R3-9B	TURNING LANE ONLY	24	36	6.00	N	1-3" T		X	
				D10-201A	MILE 4.5	14	27	2.63	N/S			X	
H9	42	248+65	RT	D3-2	Strawberry Rd	48	12	4.00	S	1-3" T	X		
H9	43	253+52	LT	R5-103P	PATHWAY	12	6	0.50	S	1-2.5" PT		X	FABRICATE AS ONE PANEL
				R5-3	NO MOTOR VEHICLES	12	18	1.50				X	

PRELIMINARY

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

SIGN SUMMARY

DESIGNED BY	DLP
CHECKED BY	ALH
DRAFTED BY	DLP

SCALE	N/A

DATE	TIME
4/26/2022	10:33 AM

DRAWING LOCATION
M:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\DIV3D19\PLANSET\00253_H12-H19_SIGN SUMMARY

NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	H18	H21

615.0001.0000 - SIGN SUMMARY

SHEET	SIGN NO.	ALIGNMENT STATION	CL REF	TYPE	LEGEND	SIZE (IN) WIDTH	SIZE (IN) HEIGHT	AREA (SQ.FT)	SIGN FACES	POSTS NO., SIZE, & TYPE	FRAMED YES	FRAMED NO	REMARKS
H9	44	253+92	LT	D3-1	Kenai Spur Hwy	48	8	2.67	E	1-3" T	X		INSTALL BACK TO BACK
				D3-1	Kenai Spur Hwy	48	8	2.67	W		X		
				D3-1	Strawberry Rd	48	24	8.00	N		X		INSTALL BACK TO BACK
				D3-1	Strawberry Rd	48	24	8.00	S		X		
				R1-1	STOP	36	36	9.00	W		X		
H9	45	254+50	RT	D3-1	Kenai Spur Hwy	48	8	2.67	E	1-3" T	X		INSTALL BACK TO BACK
				D3-1	Kenai Spur Hwy	48	8	2.67	W		X		
				D3-1	Strawberry Rd	48	24	8.00	N		X		
				D3-1	Strawberry Rd	48	24	8.00	S		X		
				R1-1	STOP	36	36	9.00	E		X		
H9	46	255+50	LT	R5-103P	PATHWAY	12	6	0.50	S	1-2.5" PT		X	FABRICATE AS ONE PANEL
				R5-3	NO MOTOR VEHICLES	12	18	1.50				X	
H9	47	259+17	LT	D3-2	Strawberry Rd	48	12	4.00	N		X		
H10	48	265+36	RT	R3-9B	SPORTS LAKE ONLY	24	30	5.00	S	1-3" T		X	
				D10-201A	MILE 5 0	14	27	2.63				X	
H10	49	265+40	LT	R3-9B	SPORTS LAKE ONLY	24	30	5.00	N	1-3" T		X	
H10	50	267+78	RT	D14-100	ADOPT A HIGHWAY	30	24	5.00	N	1-3" T		X	
						30	12	2.50				X	

PRELIMINARY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

SIGN SUMMARY

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
49TH
AARON HUNTING
CE 106601
REGISTERED PROFESSIONAL ENGINEER
CERT

NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	H19	H21

DESIGNED BY: DLP
CHECKED BY: ALH
DRAFTED BY: DLP

SCALE: N/A

DATE TIME: 4/26/2022 10:33 AM

DRAWING LOCATION
W:\PROJECTS\CFHWY00253 KENAI SPUR HWY - PH.2 - SPORTS LAKE TO EAGLE ROCK\CIV\3D19\PLANSET\00253_H12-H19_SIGN SUMMARY

615.0001.0000 - SIGN SUMMARY

SHEET	SIGN NO.	ALIGNMENT STATION	CL REF	TYPE	LEGEND	SIZE (IN) WIDTH	SIZE (IN) HEIGHT	AREA (SQ.FT)	SIGN FACES	POSTS NO., SIZE, & TYPE	FRAMED YES	FRAMED NO	REMARKS
H10	51	272+45	RT	D3-1	Kenai Spur Hwy	48	8	2.67	E	1-3" T	X		INSTALL BACK TO BACK
				D3-1	Kenai Spur Hwy	48	8	2.67	W		X		
				D3-1	Ross St	48	12	4.00	N		X		INSTALL BACK TO BACK
				D3-1	Ross St	48	12	4.00	S		X		
				R1-1	STOP	36	36	9.00	E		X		
H10	52	273+80	LT	R5-103P	PATHWAY	12	6	0.50	N	1-2.5" PT		X	FABRICATE AS ONE PANEL
				R5-3	NO MOTOR VEHICLES	12	18	1.50				X	
H10	53	274+25	LT	D3-1	Kenai Spur Hwy	48	8	2.67	E	1-3" T	X		INSTALL BACK TO BACK
				D3-1	Kenai Spur Hwy	48	8	2.67	W		X		
				D3-1	Eagle Rock Pl	48	12	4.00	N		X		INSTALL BACK TO BACK
				D3-1	Eagle Rock Pl	48	12	4.00	S		X		
				R1-1	STOP	36	36	9.00	W		X		
H11	54	294+84	RT	D10-201A	MILE 5 .5	14	27	2.63	N/S	1-3" T		X	
-	N/A	411+17	LT	W16-115	MOOSE CRASH AREA	96	66	44.00	W	USE EXISTING	X		THIS SIGN IS LOCATED SOUTH OF SWIRES ROAD AND NOT SHOWN ON THE PLANS.

PRELIMINARY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

SIGN SUMMARY

STATE OF ALASKA
49TH
AARON HUNTING
CE 106601
REGISTERED PROFESSIONAL ENGINEER

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	H20	H21

DESIGNED BY: DLP
CHECKED BY: ALH
DRAFTED BY: DLP

SCALE: N/A

DATE TIME: 4/26/2022 10:33 AM

DRAWING LOCATION:
H:\Projects\0221019\CFHWY00253_KENAI_SPUR_HWY_-_PH2_-_SPORTS_LAKE_TO_EAGLE ROCK\CIV\019\PLANSET\00253_H20-H21_SALVAGE.DWG

615.0002.0000 - REMOVE AND RELOCATE SIGN

SHEET	ALIGNMENT STATION	OFFSET	LEGEND	POSTS NO., SIZE, & TYPE	REMARKS
H10	274+97	LT	PATHWAY	1-2.5" PT	RELOCATE EXISTING SIGN ADJACENT TO PROPOSED PATHWAY
			NO MOTOR VEHICLES		RELOCATE EXISTING SIGN ADJACENT TO PROPOSED PATHWAY
H10	281+72	LT	EAGLE ROCK BOAT LAUNCH	2-6"X9" W	RELOCATE ADJACENT TO PROPOSED ROADWAY
			BOAT LAUNCH SYMBOLS		RELOCATE ADJACENT TO PROPOSED ROQDWAY
H11	294+84	LT	TWLT CENTER LANE ONLY	1-3" T	
H11	294+84	RT	TWLT CENTER LANE ONLY	1-3" T	

615.0006.0000 - SALVAGE SIGN SUMMARY

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD - PHASE II

SHEET	ALIGNMENT STATION	OFFSET	TPE	LEGEND	REMARKS
				CENTERLINE SIGN	SOUTH OF SPORTS LAKE RD
				BEGIN CENTER LANE ARROWS	FROM SPORTS LAKE
H5	139+05	RT		END	REMOVE "END". ADJUST EXISTING SIGN ON POST.
H5	139+06	RT		CENTER TURN LANE	
H5	145+25	LT	D7-RW	FISHING	
			D9-302	ARROW	
			SPECIAL	STOCKED BY	
H5	145+25	RT	W4-2R	LANE DROP	
H5	149+82	LT	R2-5C	SPEED ZONE	
H5	150+31	LT	R1-1	STOP	
H5	150+25	LT	D3-1	LANCASHIRE	
			D3-1	OLD KENAI SPUR	
			R1-1	STOP	
H5	150+39	LT	W14-101	ROAD ENDS 1000 FT	
H5	150+90	RT	D2-2	KENAI, NIKISKI	
H5	151+83	LT	R5-3A	NO MOTOR VEHICLES	
H5	161+53	RT	D10-1	MILE 3	
H5	163+24	RT	I-150	ADOPT A HIGHWAY	
H6	165+43	LT	R5-3A	NO MOTOR VEHICLES	
H6	166+08	LT	D3-1	MOORING DR	
			R1-1	STOP	
H6	166+88	RT	D3-1	OLD KENAI SPUR	
			D3-1	KENAI SPUR	
			R1-1	STOP	
H6	167+18	LT	R5-3A	NO MOTOR VEHICLES	
H6	171+96	RT	S3-1	SCHOOL BUS STOP	
H6	172+54	LT	D3-1	KENAI SPUR	
			D3-1	TREVOR	
			R1-1	STOP	
H6	172+82	RT	D3-1	SAGERSER WAY	
			R1-1	STOP	
H6	173+52	LT	R5-3A	NO MOTOR VEHICLES	
H6	179+81	RT	D3-1	ALEX DRIVE	
			R1-1	STOP	
H6	182+03	LT	R5-3A	NO MOTOR VEHICLES	TWO SIGNS MOUNTED BACK TO BACK
			R5-3A	NO MOTOR VEHICLES	
H7	190+49	LT	D10-1	MILE 3.5	BIKE PATH SIGN
H7	193+60	LT	R5-3A	NO MOTOR VEHICLES	

PRELIMINARY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

SIGN SUMMARY

STATE OF ALASKA
STATE OF ALASKA
49TH
AARON HUNTING
PE 106601
REGISTERED PROFESSIONAL ENGINEER
PRELIMINARY

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

NO.	DATE	REVISION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0221(019)/CFHWY00253	2022	H21	H21

DESIGNED BY	DLP
CHECKED BY	ALH
DRAFTED BY	DLP

SCALE: N/A

DATE TIME: 4/26/2022 10:33 AM

DRAWING LOCATION:
D:\PROJECTS\0221(019)\CFHWY00253 KENAI SPUR HWY - PH 2 - SPORTS LAKE TO EAGLE ROCK\CIVIL\0221(019)_PLANSET\00253_H20-H21_SALVAGE.DWG

615.0006.0000 - SALVAGE SIGN SUMMARY

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD - PHASE II

SHEET	ALIGNMENT STATION	OFFSET	TYPE	LEGEND	REMARKS
H7	193+98	LT	D3-1	CHURCHILL AVE	
			R1-1	STOP	
H7	195+35	LT	R5-3A	NO MOTOR VEHICLES	
H7	200+62	RT	S3-1	SCHOOL BUS STOP	
H7	206+63	RT	I-2A	KENAI CITY LIMITS	
H7	209+61	RT	D3-1	SWALLOW ST	
			R1-1	STOP	
H8	213+77	RT	D7-RW-70	BOAT RAMP	
			D9-304	1000 FT	
H8	215+24	RT	D10-1	MILE 4	
H8	215+29	LT	D10-1	MILE 4	BIKE PATH SIGN
H8	215+30	LT	I-150	ADOPT A HIGHWAY	
				STEWART TITLE	
H8	218+57	RT	W2-1	FOUR-WAY INTERSECTION	
H8	223+35	RT	SPECIAL	BOAT LAUNCH/PARK	
			SPECIAL	STATE PARK	
H8	223+89	LT	R2-1	55 MPH	
H8	226+12	LT	R5-3A	NO MOTOR VEHICLES	
H8	227+77	LT	D3-1	KENAI SPUR	
			D3-1	SILVER SALMON	
			R1-1	STOP	
H8	228+39	RT	D3-1	KENAI SPUR	
			D3-1	SILVER SALMON	
			R1-1	STOP	
H8	229+14	LT	R5-3A	NO MOTOR VEHICLES	
H8	232+75	LT	SPECIAL	BOAT LAUNCH/PARK	
			SPECIAL	STATE PARK	
H8	234+02	RT	R2-1	55 MPH	
H9	236+58	LT	W2-1	FOUR-WAY INTERSECTION	
H9	241+80	LT	D10-1	MILE 4.5	
H9	248+65	RT	D3-1	STRAWBERRY RD	
H9	253+18	LT	R5-3A	NO MOTOR VEHICLES	
H9	253+99	LT	D3-1	STRAWBERRY RD	
			R1-1	STOP	
H9	254+09	RT	D3-1	KENAI SPUR	
			D3-1	STRAWBERRY RD	
			R1-1	STOP	
H9	255+70	LT	R5-3A	NO MOTOR VEHICLES	
H9	257+88	LT	W2-1	FOUR-WAY INTERSECTION	
H9	259+17	LT	D3-1	STRAWBERRY RD	

615.0006.0000 - SALVAGE SIGN SUMMARY

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD - PHASE II

SHEET	ALIGNMENT STATION	OFFSET	TYPE	LEGEND	REMARKS
H10	267+79	RT	I-150	ADOPT A HIGHWAY	
			D10-1	MILE 5	
H10	270+25	RT	D9-205	EAGLE ROCK RAMP	
H10	272+70	RT	D3-1	KENAI SPUR	
			D3-1	ROSS ST	
			R1-1	STOP	
H10	273+71	LT	R5-3A	NO MOTOR VEHICLES	
H10	273+99	LT	D3-1	EAGLE ROCK ST	
			R1-1	STOP	
H11	286+40	RT	R3-9CP	BEGIN	PLAQUE
			R3-9B	TWO WAY LEFT TURN ONLY	
H11	286+40	LT	R3-9DP	END	PLAQUE
			R3-9B	TWO WAY LEFT TURN ONLY	
H11	295+80	LT	W4-2R	RIGHT LANE ENDS	SYMBOL

PRELIMINARY

STATE OF ALASKA
AARON J. HUNTING
CE 106601
REGISTERED PROFESSIONAL ENGINEER
CERT

STATE OF ALASKA DOT&PF
4111 AVIATION AVENUE
ANCHORAGE, AK 99502
(907) 269-0590

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KENAI SPUR HIGHWAY REHAB: SPORTS LAKE ROAD TO SWIRES ROAD – PHASE II

SIGN SUMMARY