

STATE OF ALASKA

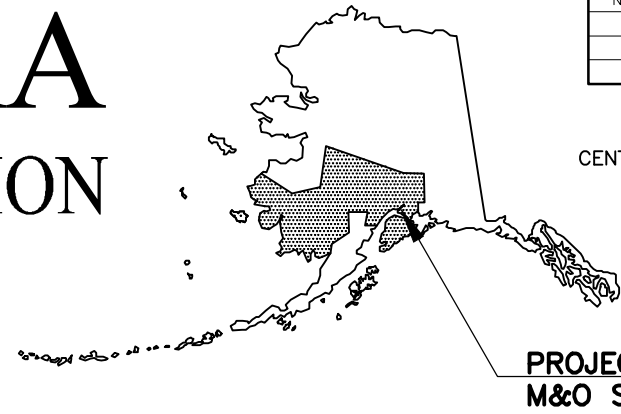
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

PROPOSED HIGHWAY PROJECT

HSIP: CR GUARDRAIL INVENTORY AND UPGRADE (SOUTH)

PROJECT NO. TBD/CFHWY00938

CLEARING, GRUBBING, GRADING & ROADSIDE HARDWARE

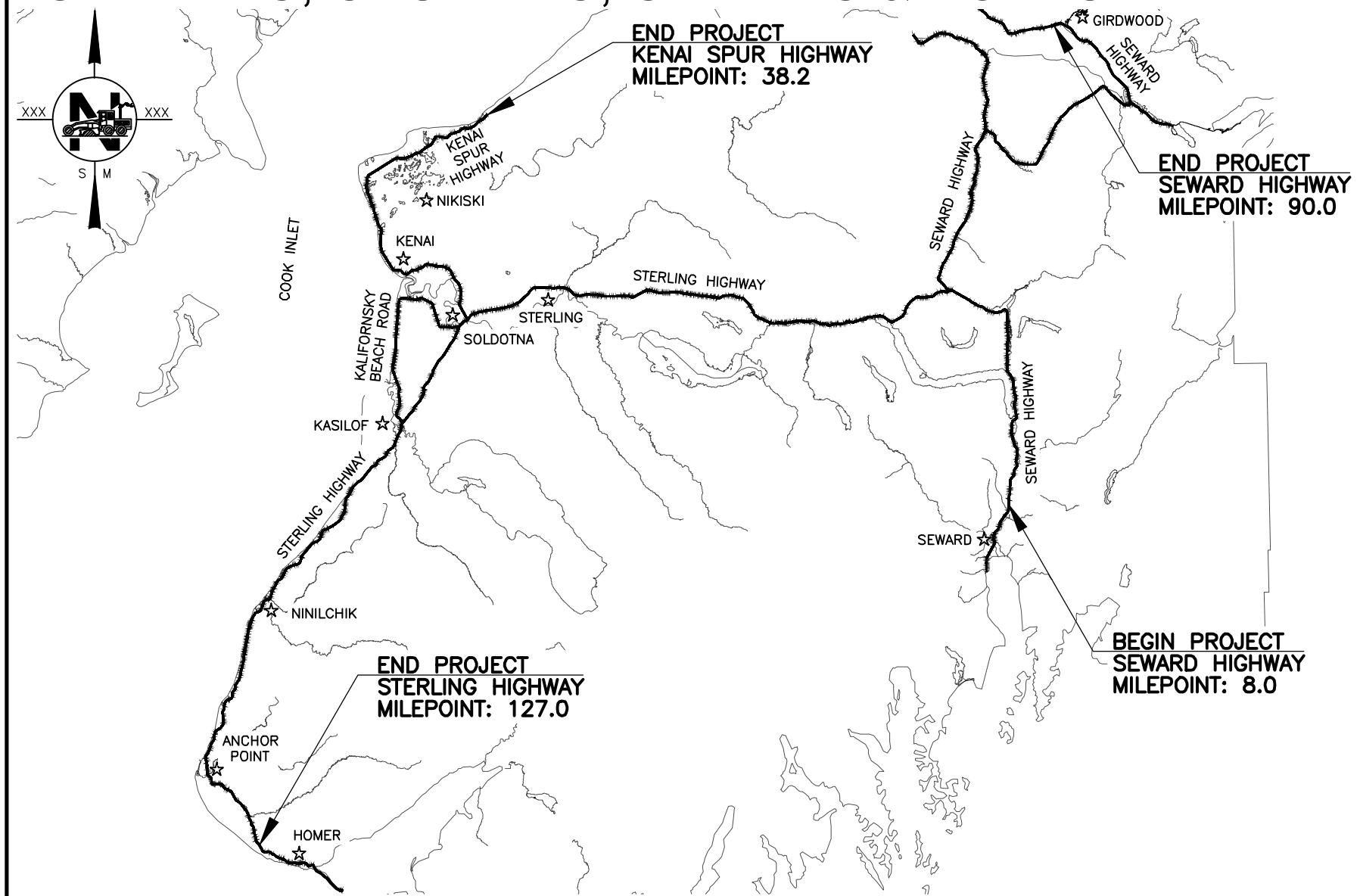


NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	TBD/CFHWY00938	2022	A1	A3

ROUTE ID	2141069X000	MILEPOINT	0.990 - 3.290
LATITUDE	60.527028	LONGITUDE	-151.209108
ROUTE ID	2181049X000	MILEPOINT	0.000 - 8.350
LATITUDE	60.703357	LONGITUDE	-151.233941
ROUTE ID	222106X000	MILEPOINT	0.000 - 15.160
LATITUDE	60.8903714	LONGITUDE	-149.426980
ROUTE ID	2141074X000	MILEPOINT	0.000 - 18.420
LATITUDE	60.456935	LONGITUDE	-151.281249
ROUTE ID	2141077X000	MILEPOINT	21.800- 38.200
LATITUDE	60.744602	LONGITUDE	-151.212540
ROUTE ID	2121017X000	MILEPOINT	0.000 - 2.400
LATITUDE	60.136155	LONGITUDE	-149.383730
ROUTE ID	1020000X000	MILEPOINT	8.00 - 72.600
LATITUDE	60.564151	LONGITUDE	-149.677653
ROUTE ID	1000000X00	MILEPOINT	0.000 - 127.830
LATITUDE	60.404119	LONGITUDE	-151.164746

DESIGNED BY: [Blank]
CHECKED BY: [Blank]
SCALE: N/A
TIME: 2:31 PM
DATE: 3/3/2022

DRAWING LOCATION: D:\PWISEFILE\DM504399\PL-20-001 A1 COVER SOUTH.DWG



PROJECT SUMMARY	
ROADWAY NAME	LENGTH
BRIDGE ACCESS ROAD	2.30 MILES
HOLT LAMPLIGHT ROAD	8.35 MILES
HOPE ROAD	15.16 MILES
KALIFORNKY BEACH ROAD	18.42 MILES
KENAI SPUR HIGHWAY	16.40 MILES
NASH ROAD	2.40 MILES
SEWARD HIGHWAY	64.5 MILES
STERLING HIGHWAY	126.9 MILES

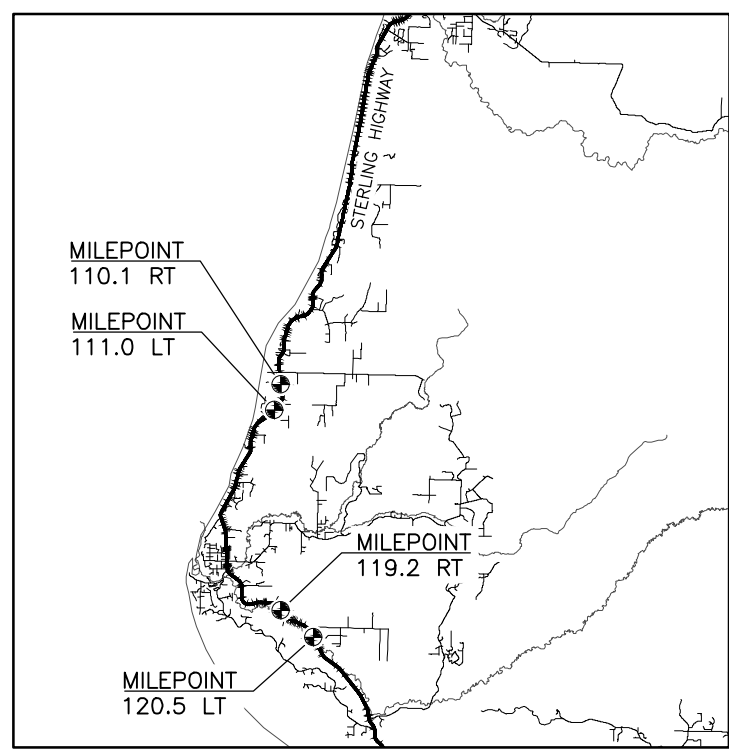
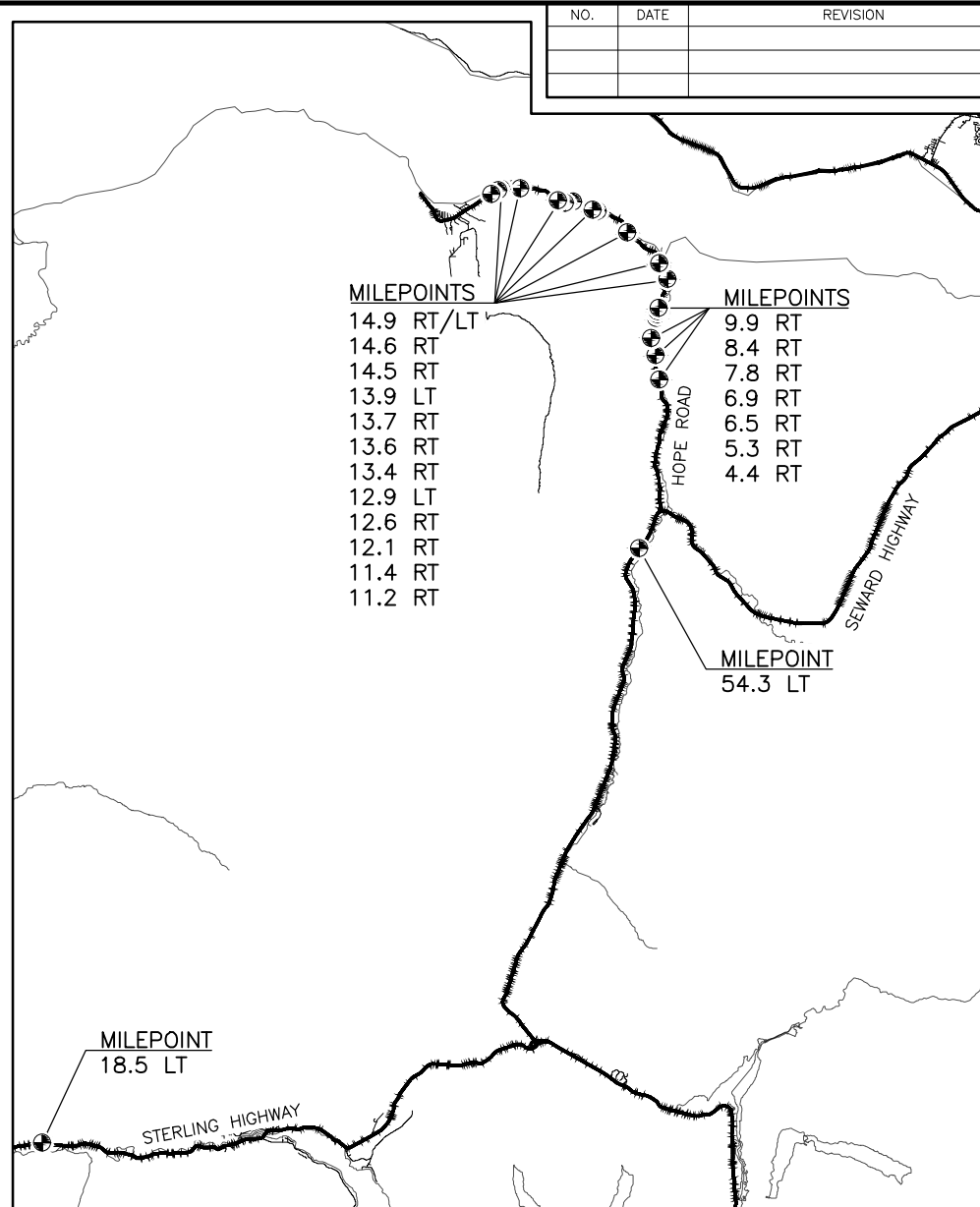
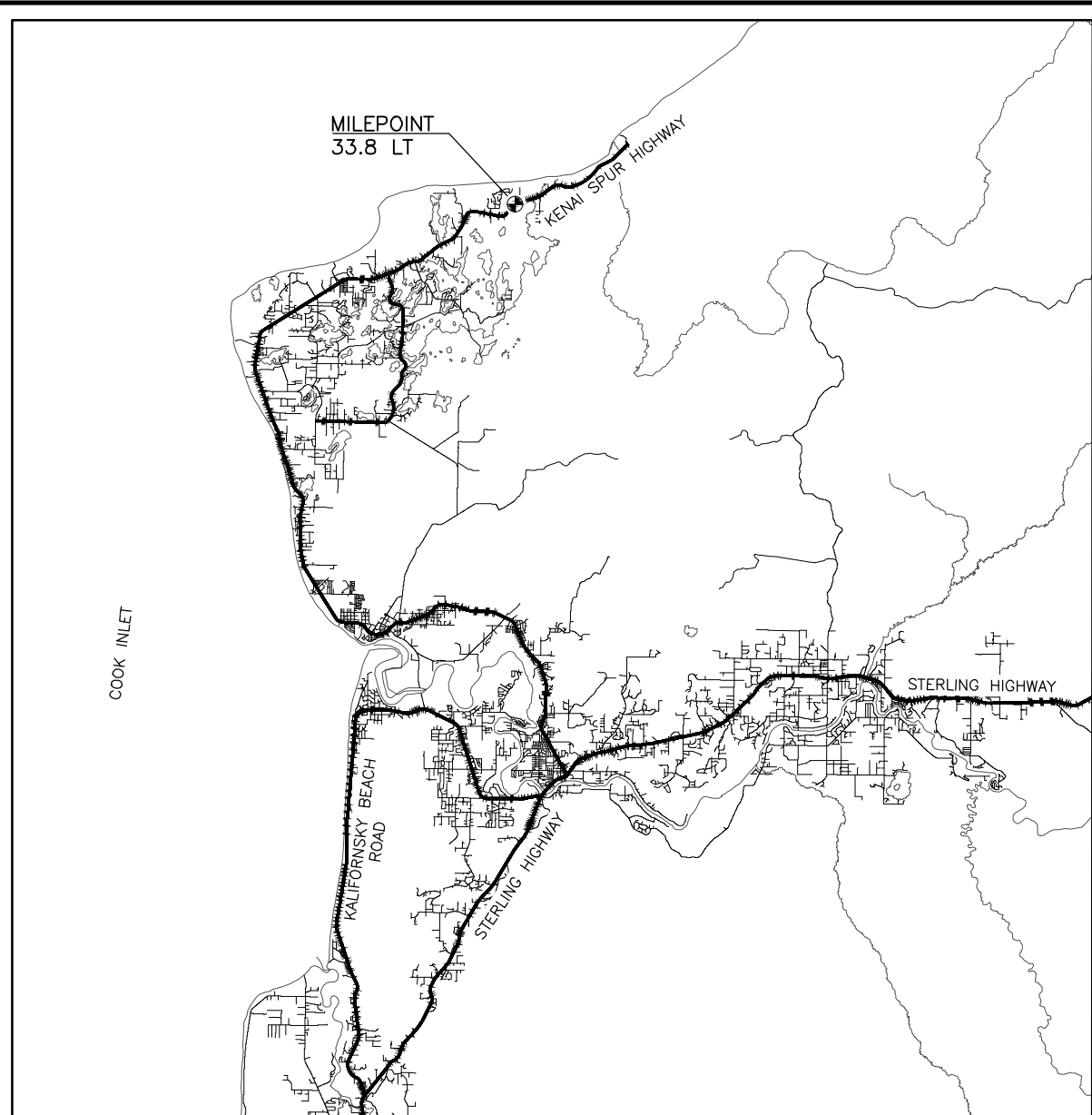
DESIGN DESIGNATIONS	
ROADWAY NAME	DESIGN SPEED
BRIDGE ACCESS ROAD	55 MPH
HOLT LAMPLIGHT ROAD	55 MPH
HOPE ROAD	50 MPH
KALIFORNKY BEACH ROAD	55 MPH
KENAI SPUR HIGHWAY	55 MPH
NASH ROAD	55 MPH
SEWARD HIGHWAY	55 MPH
STERLING HIGHWAY	45-55 MPH

PLANS DEVELOPED BY: LOUNSBURY & ASSOCIATES

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	TBD/CFHWY00938	2022	A2	A3



GENERAL NOTES:

- ALL CONSTRUCTION SHALL BE CONTAINED WITHIN THE RIGHT-OF-WAY. NO EXCESS MATERIAL SHALL BE DISPOSED OF WITHIN THE RIGHT-OF-WAY, UNLESS SPECIFICALLY CALLED FOR IN THE PLANS OR DIRECTED BY THE ENGINEER.
- THE ROW LINES SHOWN ARE FROM RECORD MAPPING FROM DOT&PF AND HAVE BEEN INSERTED INTO THE PLANS BY SCANNED PDF AND ARE APPROXIMATE.
- ALL PAVEMENT CUTS SHALL BE MADE WITH A SAW OR ALTERNATE METHOD APPROVED BY THE ENGINEER.
- CLEARING LIMITS SHALL BE 10 FEET BEYOND SLOPE CATCH POINTS OR 10 FEET INSIDE THE RIGHT-OF-WAY LINE, WHICHEVER IS LESS.
- PLACE 4" TOPSOIL AND SEED ANY AREAS DISTURBED BY CONSTRUCTION AND AS DIRECTED BY THE ENGINEER.
- THE EXISTING INFORMATION SHOWN IN THE PLANS IS FROM AS-BUILTS AND HAS BEEN PARTIALLY FIELD VERIFIED. FIELD CONDITIONS MAY NOT BE ACCURATELY REPRESENTED AND/OR MAY HAVE CHANGED. ADJUST INSTALLATIONS AS DIRECTED BY THE ENGINEER.
- FOR PARALLEL GUARDRAIL TERMINALS, USE AN END OFFSET OF 2 FEET.
- UTILITIES MAY BE PRESENT IN THE PROJECT CORRIDOR BUT ARE NOT SHOWN ON THE PLANS. LOCATE AND PROTECT FROM CONSTRUCTION DAMAGE ALL EXISTING UTILITIES WITHIN THE PROJECT LIMITS PRIOR TO ANY GROUND DISTURBING ACTIVITY. CONTACT THE DIGLINE (1-800-478-3121) OR THE UTILITY COMPANIES FOR LOCATES.
- CONTRACTOR MUST HAVE MATERIALS ON HAND TO COMPLETE THE LOCATION INSTALLATION BEFORE REMOVING GUARDRAIL.
- THIS SHEET DEPICTS ONLY THOSE SITES THAT REQUIRE GRADING OR SITE WORK BEYOND WHAT IS CONVEYED IN THE STANDARD DETAILS. ADDITIONAL SITES REQUIRING WORK ARE DESCRIBED IN THE "D-SERIES" PROJECT SUMMARY TABLES.

THE FOLLOWING ALASKA STANDARD PLANS APPLY TO THIS PROJECT:

G-00.05, G-05.11S, G-05.11W, G-10.20, G-11.01
 G-16.00, G-20.12, G-26.00, G-29.00, G-32.02
 S-05.02, S-30.05

SHEET INDEX

SHEET NO.	DESCRIPTION
A1	TITLE SHEET
A2	SHEET LAYOUT, INDEX, AND GENERAL NOTES
A3	LEGEND
B1	TYPICAL SECTIONS
C1	ESTIMATE OF QUANTITIES
D1-D10	SUMMARY TABLES
G1-G11	GRADING PLANS

SITE INDEX

ROADWAY NAME	MILE POINT	SHEET NO.
HOPE ROAD	4.4 RT	G1
	5.3 RT	
	6.5 RT	G2
	6.9 RT	
	7.8 RT	G3
	8.4 RT	
	9.9 RT	G1
	11.2 RT	G4
	11.4 RT	
	12.1 RT	G5
12.6 RT		
12.9 LT	G6	
13.4 RT		
13.6 RT	G7	
13.7 RT		
13.9 LT	G8	
14.5 RT		
14.9 LT	G9	
14.9 RT		
KENAI SPUR HIGHWAY	33.8 LT	G9
SEWARD HIGHWAY	54.3 LT	G9
STERLING HIGHWAY	18.5 LT	G10
	110.1 RT	
	111.0 LT	
	119.2 RT	
	120.5 LT	

ABBREVIATIONS:

ASP ALASKA STANDARD PLAN	LS LUMP SUM
BIB BURIED IN BACKSLOPE	ML MAINLINE
CR CENTRAL REGION	MP MILEPOST
CS CONTINGENT SUM	MPT MILEPOINT
CY CUBIC YARD	NO NUMBER, NUMBERING
FT FOOT OR FEET	R# RAMP QUADRANT
HR HOUR	Q# BRIDGE QUADRANT
LB POUND(S)	ROW RIGHT-OF-WAY
LF LINEAR FEET	SRG SHORT RADIUS GUARDRAIL
	SY SQUARE YARD
	TYP TYPICAL

SPECIFICATION:

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

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES

**HSIP: CR GUARDRAIL INVENTORY
 AND UPGRADE (SOUTH)**

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

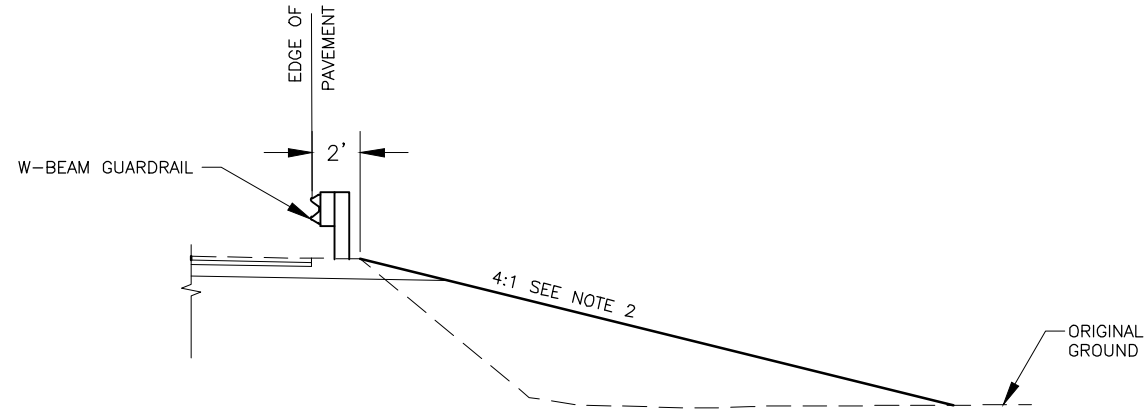
DRAFT
 MARCH, 4 2022

PLANS DEVELOPED BY:
 LOUNSBURY & ASSOCIATES INC.

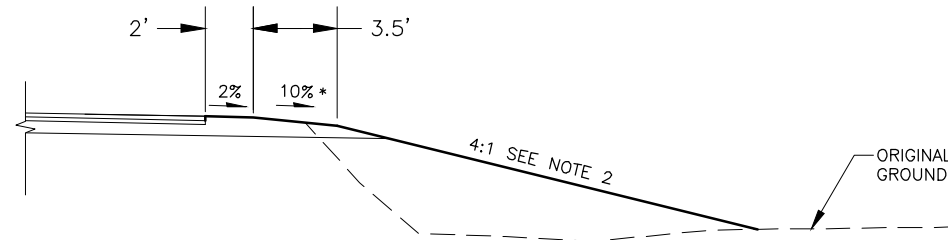
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	TBD/CFHWY00938	2022	B1	B1

PLANS DEVELOPED BY: LOUNSBURY & ASSOCIATES ADDRESS: 3230 C ST., SUITE 201, ANCHORAGE AK 99503 PHONE: (907) 272-5451 DATE/TIME: 3/4/2022 1:48 PM CERTIFICATE OF AUTHORIZATION NUMBER: AECC391 FILE ID: P:\WEBFILE\DWG\04399\PL-20-001 B SHEETS SOUTH.DWG

DU DRAFTED JT CHECKED SA DESIGNED LAYOUT



GUARDRAIL EMBANKMENT SLOPE



END TERMINAL FLARE WIDENING

USE ALTERNATE WIDENING AS SHOWN IN ASPG 20.12

NOTE:

1. 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.
2. SLOPES SHALL BE 4:1 UNLESS SHOWN ON G SHEET.

* SLOPE EXCEPTION TABLE		
ROUTE	MPT	WIDENING SLOPE EXCEPTION (%)
HOPE	8.0L N	8
SEWARD HIGHWAY	8.1R S	2
	8.6R S	3
	9.2R	8
	9.3L	9
	12.2	9
	14.8	8
	15.2R	2
	16.0R	9
	25.8	2
	30.4	9
	52.5	6
	54.3	3
	55.8R	7
	69.5	7
	72.4	7
STERLING HIGHWAY	0.8	2
	2.8L W	9
	3.2R E	4
	6.2	3
	120.5R S	2

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

**HSIP: CR GUARDRAIL INVENTORY
AND UPGRADE (SOUTH)**

TYPICAL SECTIONS

DRAFT
MARCH, 4 2022

PLANS DEVELOPED BY:
LOUNSBURY & ASSOCIATES INC.

PLANS DEVELOPED BY: LOUNSBURY & ASSOCIATES ADDRESS: 3230 C ST., SUITE 201, ANCHORAGE AK 99503 PHONE: (907) 272-5451 DATE/TIME: 3/4/2022 1:48 PM
 FILE ID: \P\W\SE\FILE\DWG\04\399\PL-20-001 C SHEETS SOUTH.DWG
 CERTIFICATE OF AUTHORIZATION NUMBER: AECC391
 DRAFTED: JT CHECKED: SA DESIGNED: --- LAYOUT: ---

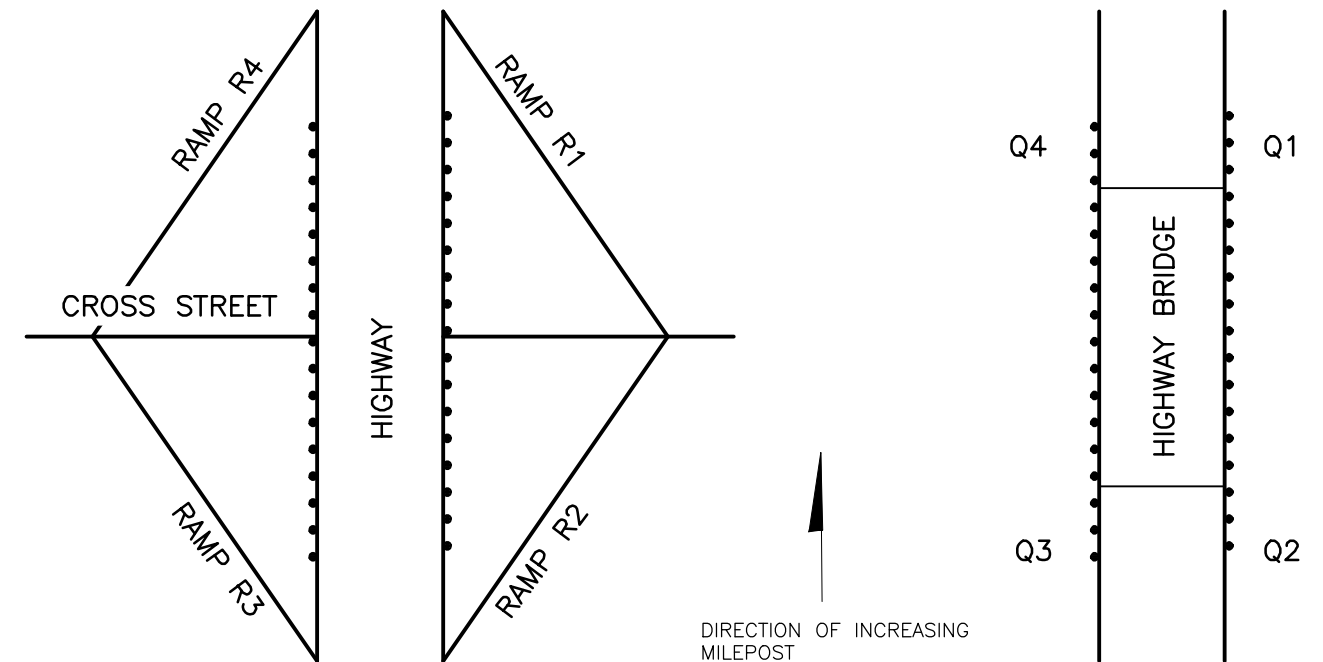
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	TBD/CFHWY00938	2022	C1	C1

ESTIMATE OF QUANTITIES			
ITEM NO.	ITEM DESCRIPTION	PAY UNIT	QUANTITY
201.0009.0000	CLEARING AND GRUBBING	LS	ALL REQ'D
202.0002.0000	REMOVAL OF PAVEMENT	SY	471
203.0003.0000	UNCLASSIFIED EXCAVATION	CY	176
203.0006.000A	BORROW, TYPE A	TON	720
301.0001.00D1	AGGREGATE BASE COURSE, GRADING D-1	TON	290
401.0001.002A	HMA, TYPE II; CLASS A	TON	160
401.0004.5228	ASPHALT BINDER, GRADE PG 52-28	TON	9
606.0001.0000	W-BEAM GUARDRAIL	LF	206,388
606.0004.0000	CABLE GUARDRAIL	LF	525
606.0006.0000	REMOVING AND DISPOSING OF GUARDRAIL	LF	199,350
606.0009.0000	SHORT RADIUS GUARDRAIL	EACH	6
606.0013.0000	PARALLEL GUARDRAIL TERMINAL	EACH	346
606.0014.0000	BURIED IN BACKSLOPE GUARDRAIL TERMINAL	EACH	4
606.0016.0000	TRANSITION RAIL	EACH	29
606.2007.000C	CRASH CUSHION, PERMANENT LOW MAINTENANCE AND SELF-RESTORING	EACH	1
618.0002.0000	SEEDING	LB	60
640.0001.0000	MOBILIZATION AND DEMOBILIZATION	LS	ALL REQ'D
641.0001.0000	EROSION, SEDIMENT, AND POLLUTION CONTROL ADMINISTRATION	LS	ALL REQ'D
641.0003.0000	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL	LS	ALL REQ'D
641.0006.0000	WITHHOLDING	CS	ALL REQ'D
641.0007.0000	SWPPP MANAGER	LS	ALL REQ'D
642.0001.0000	CONSTRUCTION SURVEYING	LS	ALL REQ'D
642.0003.0000	THREE PERSON SURVEY PARTY	HR	10
643.0002.0000	TRAFFIC MAINTENANCE	LS	ALL REQ'D
643.0023.0000	TRAFFIC PRICE ADJUSTMENT	CS	ALL REQ'D
643.0025.0000	TRAFFIC CONTROL	CS	ALL REQ'D
643.0032.0000	FLAGGING	CS	ALL REQ'D
644.0001.0000	FIELD OFFICE	LS	ALL REQ'D
644.2004.0000	ENGINEERING COMMUNICATIONS	CS	ALL REQ'D
644.2007.0000	VEHICLE (LT/SUV)	EA	2
645.0001.0000	TRAINING PROGRAM, _ TRAINEE/APPRENTICE	LH	500
646.0001.0000	CPM SCHEDULING	LS	ALL REQ'D
682.2000.0000	VAC-TRUCK POTHOLE	CS	ALL REQ'D

TABLE OF ESTIMATING FACTORS		
ITEM NO.	DESCRIPTION	ESTIMATING FACTOR
203.0006.000A	BORROW, TYPE A	144 LB/CF
301.0001.00D1	AGGREGATE BASE COURSE, GRADING D-1	144 LB/CF
401.0001.002A	HMA, TYPE II; CLASS A	151 LB/CF
401.0004.5228	ASPHALT BINDER, GRADE PG 52-28	5.3% WEIGHT OF 401.0001.002A HMA, TYPE II; CLASS A
618.0003.0000	WATER FOR SEEDING	1 MGAL/MSF

GENERAL GUARDRAIL NOTES:

- BEGIN AND END STATIONS GIVEN INCLUDE END TREATMENTS.
- PAY ITEM TOTALS AND LINEAR FEET FOR ITEMS 606.0001.0000 AND 606.0006.0000 W-BEAM GUARDRAIL RUNS DO NOT INCLUDE END TERMINAL LENGTHS. EXISTING END TERMINAL REMOVAL WILL NOT BE MEASURED AND IS SUBSIDIARY TO 606.0006.0000.
- FOR PARALLEL GUARDRAIL TERMINALS, CONSTRUCT THE GUARDRAIL TERMINAL WIDENING IN ACCORDANCE WITH THE "ALTERNATE DETAIL" ON STANDARD DRAWING G-20.12 THE END OFFSET (X) SHALL BE 2 FEET.
- IN ADDITION TO THE GUARDRAIL REFLECTORS, INSTALL GUARDRAIL FLEXIBLE DELINEATORS AS SHOWN ON STANDARD DRAWING G-00.05, SHEET 5.
- THE 'EXTEND GUARDRAIL PAST EXISTING TERMINAL' COLUMN IN THE 'GUARDRAIL SUMMARY' TABLES GIVES THE MEASUREMENT IN LINEAR FEET FROM EXISTING TERMINAL TO PROPOSED TERMINAL. THESE GUARDRAIL EXTENSION LENGTHS ARE ACCOUNTED FOR IN PAY ITEM W-BEAM GUARDRAIL 606.0001.0000.
- COORDINATE GUARDRAIL POST INSTALLATIONS WITH EXISTING CULVERT LOCATIONS. ADJUST LOCATIONS AS NEEDED TO ENSURE POSTS DO NOT PIERCE CULVERT.
- STAKE EXISTING END TERMINAL LOCATIONS AND BATTER BOARD LIMITS BEFORE REMOVING GUARDRAIL.
- GUARDRAIL OFFSET SHALL BE STAKED IN THE FIELD AND APPROVED BY THE ENGINEER.
- STATIONING MAY BE ADJUSTED BY THE ENGINEER.
- UPON REMOVAL OF THE OLD POSTS, OLD HOLES CREATED BY THE POST REMOVAL SHALL BE FILLED AND COMPACTED.
- VOIDS CREATED AROUND NEW POSTS DURING INSTALLATION SHALL BE FILLED AND COMPACTED. THIS WORK IS SUBSIDIARY TO PAY ITEM W-BEAM GUARDRAIL 606.0001.0000.



RAMP AND BRIDGE LOCATION INDICATOR

SEE D SHEET SUMMARY TABLES

<p>DRAFT MARCH, 4 2022</p>	<p>STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES</p> <p>HSIP: CR GUARDRAIL INVENTORY AND UPGRADE (SOUTH)</p> <p>ESTIMATE OF QUANTITIES</p>
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PLANS DEVELOPED BY:
LOUNSBURY & ASSOCIATES INC.

PLANS DEVELOPED BY: LOUNSBURY & ASSOCIATES ADDRESS: 3230 C ST., SUITE 201, ANCHORAGE AK 99503 PHONE: (907) 272-5451 DATE/TIME: 3/4/2022 1:49 PM CERTIFICATE OF AUTHORIZATION NUMBER: AECC391

FILE ID: \P\W\B\FILE\DWG\04399\PL-20-001 D SHEETS SOUTH.DWG

DU DRAFTED JT CHECKED SA DESIGNED LAYOUT

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	TBD/CFHWY00938	2022	D1	D10

ROAD	APPROX. BEGIN MPT	APPROX. END MPT	LOCATION	OFFSET SIDE	606.0006.0000	606.0001.0000	606.0009.0000	606.0013.0000	606.0014.0000	606.0016.0000	606.2007.0000	EXTEND GUARDRAIL PAST EXISTING END TERMINAL		CASE	REMARKS
					REMOVE GUARDRAIL (FT)	GUARDRAIL (FT)	SHORT RADIUS GUARDRAIL (EACH)	PARALLEL GUARDRAIL TERMINAL (EACH)	BURIED IN BACKSLOPE GUARDRAIL TERMINAL (EACH)	TRANSITION RAIL (EACH)	CRASH CUSHION (EACH)	DIRECTION	LENGTH (FT)		
BRIDGE ACCESS RD.	2.5	2.5		LT	51	50.0				1				3	
BRIDGE ACCESS RD.	2.5	2.5		RT	325	325.0		1						3	
BRIDGE ACCESS RD.	2.7	2.8		LT	335	337.5		1		1				3	
BRIDGE ACCESS RD.	2.7	2.7		RT	60	62.5		1		1				3	
HOLT LAMPLIGHT RD.	0.9	1.0		LT	528	525.0		1						3	REPLACE OPPOSING TERMINAL
HOLT LAMPLIGHT RD.	0.9	1.0		RT	410	412.5								3	
HOLT LAMPLIGHT RD.	1.4	1.5		RT	248	250.0		2						3	
HOLT LAMPLIGHT RD.	1.6	1.8		LT	1056	1050.0								3	
HOLT LAMPLIGHT RD.	2.0	2.1		LT	528	600.0		1				APPROACHING	75	3	
HOLT LAMPLIGHT RD.	2.0	2.1		RT	528	525.0		1						3	REPLACE APPROACHING TERMINAL
HOLT LAMPLIGHT RD.	3.6	3.7		LT				1							REPLACE OPPOSING TERMINAL
HOLT LAMPLIGHT RD.	3.6	3.7		RT	528	525.0								3	
HOLT LAMPLIGHT RD.	3.8	4.0		RT	675	675.0		1						3	REPLACE APPROACHING TERMINAL
HOPE RD.	0.8	0.9		RT	315	312.5		2						5	
HOPE RD.	1.2	1.3		RT	500	500.0		2						5	
HOPE RD.	1.9	2.3		RT	1960	1962.5		2						5	
HOPE RD.	3.0	3.4		RT	2200	2262.5		2				APPROACHING	62.5	4	
HOPE RD.	3.5	3.7		RT	1102	1212.5		2				APPROACHING	112.5	4	EXTEND TERMINAL TO BACK OF PARKING AREA
HOPE RD.	3.8	4.2		RT	2106	2100.0		2						5	
HOPE RD.	4.4	4.5		RT	250	300.0		2				APPROACHING	50	5	
HOPE RD.	5.3	5.4		RT	380	475.0		2				APPROACHING	100	5	
HOPE RD.	5.8	5.9		RT	200	237.5		2				APPROACHING	37.5	5	
HOPE RD.	5.9	6.0		RT	450	537.5		2				APPROACHING	87.5	5	EXTEND TERMINAL TO BACK OF PARKING AREA
HOPE RD.	6.5	6.6		RT	200	337.5		2				APPROACHING	137.5	5	
HOPE RD.	6.9	7.1		RT	875	950.0		2				APPROACHING	75	4	
HOPE RD.	7.8	7.9		RT	200	300.0		2				APPROACHING	100	4	
HOPE RD.	8.0	8.1		RT	900	1025.0		2				APPROACHING	125	4	
HOPE RD.	8.0	8.0		LT		62.5		2				APPROACHING	62.5	3	
HOPE RD.	8.4	8.4		RT	65	137.5		2				APPROACHING	75	3	
HOPE RD.	8.5	8.7		RT	1135	1200.0		2				APPROACHING	62.5	3	

DRAFT
MARCH, 4 2022

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

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AND UPGRADE (SOUTH)**

SUMMARY TABLES

PLANS DEVELOPED BY:
LOUNSBURY & ASSOCIATES INC.

PLANS DEVELOPED BY: LOUNSBURY & ASSOCIATES ADDRESS: 3230 C ST., SUITE 201, ANCHORAGE AK 99503 PHONE: (907) 272-5451 CERTIFICATE OF AUTHORIZATION NUMBER: AECC391

FILE ID: \P\W\B\FILE\DWG\04\399\PL-20-001 D SHEETS SOUTH.DWG

DATE/TIME: 3/4/2022 1:49 PM

LAYOUT: ---

DESIGNED: SA CHECKED: JT DRAFTED: DU

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	TBD/CFHWY00938	2022	D2	D10

ROAD	APPROX. BEGIN MPT	APPROX. END MPT	LOCATION	OFFSET SIDE	606.0006.0000	606.0001.0000	606.0009.0000	606.0013.0000	606.0014.0000	606.0016.0000	606.2007.0000	EXTEND GUARDRAIL PAST EXISTING END TERMINAL		CASE	REMARKS
					REMOVE GUARDRAIL (FT)	GUARDRAIL (FT)	SHORT RADIUS GUARDRAIL (EACH)	PARALLEL GUARDRAIL TERMINAL (EACH)	BURIED IN BACKSLOPE GUARDRAIL TERMINAL (EACH)	TRANSITION RAIL (EACH)	CRASH CUSHION (EACH)	DIRECTION	LENGTH (FT)		
HOPE RD.	9.3	9.5		RT	850	850.0		2						5	
HOPE RD.	9.9	10.0		RT	415	450.0		2				APPROACHING	37.5	5	
HOPE RD.	10.2	10.4		RT	1056	1050.0		2						3	
HOPE RD.	11.0	11.1		RT	500	500.0		2						5	
HOPE RD.	11.2	11.3		RT	475	562.5		2				APPROACHING	87.5	3	
HOPE RD.	11.4	11.4		RT	215	262.5		2				APPROACHING	50	5	
HOPE RD.	11.8	12.0		RT	975	975.0		2						4	
HOPE RD.	12.1	12.2		RT	415	512.5		2				APPROACHING	100	5	
HOPE RD.	12.3	12.4		RT	300	387.5		1	1			APPROACHING	87.5	4	
HOPE RD.	12.3	12.4		LT	250	250.0		2						4	
HOPE RD.	12.6	12.9		RT	1650	1725.0		2				APPROACHING	75	5	
HOPE RD.	12.8	12.9		LT	200	262.5		2				APPROACHING	62.5	3	
HOPE RD.	13.0	13.0		LT	130	175.0		1	1					5	APPROACHING TERMINAL BIB ATTACHED TO ROCK FACE
HOPE RD.	13.0	13.1		RT	364	500.0		1	1			APPROACHING	137.5	3	APPROACHING TERMINAL BIB ATTACHED TO ROCK FACE
HOPE RD.	13.3	13.4		RT	450	587.5		1	1			OPPOSING	87.5	4	APPROACHING TERMINAL BIB ATTACHED TO ROCK FACE
HOPE RD.	13.6	13.7		RT	450	537.5		2				APPROACHING	87.5	5	
HOPE RD.	13.7	13.9		RT	715	800.0		2				APPROACHING	87.5	5	
HOPE RD.	13.8	13.9		LT	275	437.5		2				APPROACHING	162.5	4	
HOPE RD.	14.1	14.3		RT	1415	1412.5		2						4	
HOPE RD.	14.5	14.6		RT	425	562.5		2				APPROACHING	87.5	4	
HOPE RD.	14.9	14.9		RT	140	237.5		2				OPPOSING	50	4	
HOPE RD.	14.9	14.9		LT	100	212.5		2				APPROACHING	100	3	
HOPE RD.	14.9	14.9		LT	100	212.5		2				APPROACHING	112.5	4	
KALIFORNSKY BEACH RD.	2.5	2.6		LT	300	300.0								3	
KALIFORNSKY BEACH RD.	2.5	2.5		RT	400	475.0		1				APPROACHING	125	3	
KALIFORNSKY BEACH RD.	14.1	14.2		RT	528	525.0		1						3	REPLACE OPPOSING TERMINAL
KENAI SPUR HWY	21.8	22.0		RT	1056	1050.0		1						3	REPLACE OPPOSING TERMINAL
KENAI SPUR HWY	21.9	22.0		LT	528	525.0		1						3	REPLACE APPROACHING TERMINAL
KENAI SPUR HWY	23.1	23.2		RT	528	525.0	1	1						3	
KENAI SPUR HWY	28.7	28.8		LT	528	525.0		1						3	REPLACE APPROACHING TERMINAL
KENAI SPUR HWY	29.5	29.6		RT	300	300.0		2						3	
KENAI SPUR HWY	29.6	29.6		RT	50	50.0		2						3	

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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

**HSIP: CR GUARDRAIL INVENTORY
AND UPGRADE (SOUTH)**

SUMMARY TABLES

PLANS DEVELOPED BY:
LOUNSBURY & ASSOCIATES, INC.

PLANS DEVELOPED BY: LOUNSBURY & ASSOCIATES ADDRESS: 3230 C ST., SUITE 201, ANCHORAGE AK 99503 PHONE: (907) 272-5451 CERTIFICATE OF AUTHORIZATION NUMBER: AECC391

FILE ID: \P\W\B\FILE\DWG\04\399\PL-20-001 D SHEETS SOUTH.DWG DATE/TIME: 3/4/2022 1:49 PM LAYOUT: ---

DESIGNED SA CHECKED JT DRAFTED DU

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	TBD/CFHWY00938	2022	D3	D10

ROAD	APPROX. BEGIN MPT	APPROX. END MPT	LOCATION	OFFSET SIDE	606.0006.0000	606.0001.0000	606.0009.0000	606.0013.0000	606.0014.0000	606.0016.0000	606.2007.000C	EXTEND GUARDRAIL PAST EXISTING END TERMINAL		CASE	REMARKS
					REMOVE GUARDRAIL (FT)	GUARDRAIL (FT)	SHORT RADIUS GUARDRAIL (EACH)	PARALLEL GUARDRAIL TERMINAL (EACH)	BURIED IN BACKSLOPE GUARDRAIL TERMINAL (EACH)	TRANSITION RAIL (EACH)	CRASH CUSHION (EACH)	DIRECTION	LENGTH (FT)		
KENAI SPUR HWY	31.5	31.5		LT	150	150.0		2						4	
KENAI SPUR HWY	31.8	31.9		RT	525	525.0		2						3	
KENAI SPUR HWY	32.0	32.0		LT				2							
KENAI SPUR HWY	32.0	32.0		RT	125	225.0		2				APPROACHING	100	3	
KENAI SPUR HWY	32.2	32.2		LT	90	87.5		2						4	
KENAI SPUR HWY	32.2	32.2		RT	100	100.0		2						4	
KENAI SPUR HWY	32.5	32.5		RT	100	100.0		2						3	
KENAI SPUR HWY	33.3	33.3		RT	200	200.0		2						3	
KENAI SPUR HWY	33.3	33.7		RT	1535	1537.5		2						4	
KENAI SPUR HWY	33.6	33.8		LT	964	1062.5		2				APPROACHING	100	3	
KENAI SPUR HWY	35.4	35.4		LT	265	287.5	1	1				APPROACHING	50	5	SRT AT APPROACHING END
KENAI SPUR HWY	37.6	37.7		RT	425	425.0		2						3	
KENAI SPUR HWY	38.1	38.1		LT	60	62.5		1		1				3	
KENAI SPUR HWY	38.1	38.1		RT	60	100.0		1		1		APPROACHING	37.5	3	
KENAI SPUR HWY	38.2	38.2		LT	264	262.5		1		1				3	
KENAI SPUR HWY	38.2	38.2		RT	264	262.5		1		1				3	
NASH RD.	0.5	0.5	Q3	LT		37.5		1				OPPOSING	37.5	3	
NASH RD.	0.5	0.6	Q4	LT				1		1					
NASH RD.	0.5	0.5	Q1	RT		12.5		1				OPPOSING	12.5	3	
NASH RD.	0.5	0.5	Q2	RT				1		1					
NASH RD.	1.8	1.8		LT				1							
NASH RD.	1.8	1.8		RT	10	12.5		1		1				3	
NASH RD.	1.9	1.9		LT				1							
NASH RD.	1.9	2.0		LT	225	225.0		1						3	
NASH RD.	1.9	2.0		RT	528	525.0		1						3	
NASH RD.	2.0	2.1		LT	115	112.5		1						3	
NASH RD.	2.0	2.1		RT	125	125.0		1		1				3	
SEWARD HWY	8.1	8.1		RT	350	437.5		2				APPROACHING	87.5	3	
SEWARD HWY	8.1	8.2		LT	528	525.0		1						3	REPLACE OPPOSING TERMINAL
SEWARD HWY	8.5	8.5		RT	327	500.0		2				APPROACHING	175	3	
SEWARD HWY	8.6	8.6	Q3	LT	264	262.5				1				3	
SEWARD HWY	8.6	9.2	Q4	LT	3168	3200.0		1		1		APPROACHING	37.5	3	EXTEND TERMINAL TO BACK OF PARKING AREA
SEWARD HWY	8.6	8.6	Q2	RT		112.5		1				APPROACHING	112.5	3	
SEWARD HWY	8.6	8.6	Q1	RT				1							

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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

**HSIP: CR GUARDRAIL INVENTORY
AND UPGRADE (SOUTH)**

SUMMARY TABLES

PLANS DEVELOPED BY:
LOUNSBURY & ASSOCIATES INC.

PLANS DEVELOPED BY: LOUNSBURY & ASSOCIATES ADDRESS: 3230 C ST., SUITE 201, ANCHORAGE AK 99503 PHONE: (907) 272-5451 DATE/TIME: 3/4/2022 1:49 PM CERTIFICATE OF AUTHORIZATION NUMBER: AECC391 FILE ID: \P\W\SE\FILE\DWG\04\399\PL-20-001 D SHEETS SOUTH.DWG

SA [DESIGNED] JT [CHECKED] DU [DRAFTED]

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	TBD/CFHWY00938	2022	D4	D10

ROAD	APPROX. BEGIN MPT	APPROX. END MPT	LOCATION	OFFSET SIDE	606.0006.0000	606.0001.0000	606.0009.0000	606.0013.0000	606.0014.0000	606.0016.0000	606.2007.000C	EXTEND GUARDRAIL PAST EXISTING END TERMINAL		CASE	REMARKS
					REMOVE GUARDRAIL (FT)	GUARDRAIL (FT)	SHORT RADIUS GUARDRAIL (EACH)	PARALLEL GUARDRAIL TERMINAL (EACH)	BURIED IN BACKSLOPE GUARDRAIL TERMINAL (EACH)	TRANSITION RAIL (EACH)	CRASH CUSHION (EACH)	DIRECTION	LENGTH (FT)		
SEWARD HWY	9.2	9.3		RT	405	450.0		2				APPROACHING	50		
SEWARD HWY	9.2	9.3		LT	649	725.0		2				APPROACHING	75	3	
SEWARD HWY	9.6	10.3		LT	3946	3950.0		1						3	REPLACE APPROACHING TERMINAL
SEWARD HWY	10.6	10.7		LT	352	475.0		2				APPROACHING	125	3	
SEWARD HWY	10.7	10.9		RT	690	800.0		2				APPROACHING	112.5	3	
SEWARD HWY	11.0	11.4		RT	2300	2300.0		2						3	
SEWARD HWY	11.8	12.0		RT	1056	1050.0		1						5	REPLACE APPROACHING TERMINAL
SEWARD HWY	12.0	12.2		LT	900	975.0		2				APPROACHING	75	3	
SEWARD HWY	12.3	12.4		RT	528	525.0		1						3	REPLACE OPPOSING TERMINAL
SEWARD HWY	12.5	12.5		RT	264	162.5		1						3	REPLACE OPPOSING TERMINAL
SEWARD HWY	12.7	12.8		RT	150	250.0		2				APPROACHING	100	3	
SEWARD HWY	13.0	13.0		LT	177	175.0		2						3	
SEWARD HWY	13.2	13.4		RT	1056	1050.0								5	
SEWARD HWY	13.2	13.4		LT	1056	1050.0		1						3	REPLACE OPPOSING TERMINAL
SEWARD HWY	13.6	14.1		RT	2640	2637.5								3	
SEWARD HWY	13.8	13.9		LT	75	225.0		2				APPROACHING	150	3	
SEWARD HWY	13.9	14.4		LT	2363	2437.5		2				APPROACHING	75	3	
SEWARD HWY	14.7	14.8		LT	245	275.0		2				APPROACHING	25	5	
SEWARD HWY	14.9	15.2		RT	1584	1587.5		1						5	REPLACE APPROACHING TERMINAL
SEWARD HWY	15.2	15.4		LT	850	850.0	1	1						3	
SEWARD HWY	15.2	15.3		RT		75.0		2				APPROACHING	75	3	
SEWARD HWY	15.3	15.4		RT	528	600.0		1				APPROACHING	75	3	
SEWARD HWY	15.5	15.7		RT	1056	1050.0		1						3	REPLACE APPROACHING TERMINAL
SEWARD HWY	15.7	15.8		LT	315	412.5		2				APPROACHING	100	3	
SEWARD HWY	15.9	16.0		RT	115	225.0		1				APPROACHING	75	3	
SEWARD HWY	15.9	16.0		LT	77	75.0		2				OPPOSING	37.5	3	
SEWARD HWY	16.3	16.3		RT	264	262.5								3	
SEWARD HWY	16.4	17.0		RT	3168	3162.5		1						3	REPLACE APPROACHING TERMINAL
SEWARD HWY	22.6	22.7		LT	437	437.5		1						5	MPT 22.6 MID-RUN OF GUARDRAIL
SEWARD HWY	22.8	22.9		LT	528	525.0		1						5	REPLACE APPROACHING TERMINAL
SEWARD HWY	22.9	22.9		RT	264	262.5		1		1				3	
SEWARD HWY	22.9	22.9		LT	264	262.5				1				5	

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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

**HSIP: CR GUARDRAIL INVENTORY
AND UPGRADE (SOUTH)**

SUMMARY TABLES

PLANS DEVELOPED BY:
LOUNSBURY & ASSOCIATES INC.

PLANS DEVELOPED BY: LOUNSBURY & ASSOCIATES ADDRESS: 3230 C ST., SUITE 201, ANCHORAGE AK 99503 PHONE: (907) 272-5451 DATE/TIME: 3/4/2022 1:49 PM FILE ID: \P\W\SE\FILE\DWG\04\399\PL-20-001 D SHEETS SOUTH.DWG

CERTIFICATE OF AUTHORIZATION NUMBER: AECC391

SA [CHECKED] JT [DRAFTED] DU

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	TBD/CFHWY00938	2022	D5	D10

ROAD	APPROX. BEGIN MPT	APPROX. END MPT	LOCATION	OFFSET SIDE	606.0006.0000	606.0001.0000	606.0009.0000	606.0013.0000	606.0014.0000	606.0016.0000	606.2007.000C	EXTEND GUARDRAIL PAST EXISTING END TERMINAL		CASE	REMARKS
					REMOVE GUARDRAIL (FT)	GUARDRAIL (FT)	SHORT RADIUS GUARDRAIL (EACH)	PARALLEL GUARDRAIL TERMINAL (EACH)	BURIED IN BACKSLOPE GUARDRAIL TERMINAL (EACH)	TRANSITION RAIL (EACH)	CRASH CUSHION (EACH)	DIRECTION	LENGTH (FT)		
SEWARD HWY	23.3	23.3		LT							1				
SEWARD HWY	24.7	24.8		LT	528	525.0								3	
SEWARD HWY	24.8	25.0		RT	1056	1050.0								5	
SEWARD HWY	24.8	24.8		LT				1							SOUTH OF DRIVEWAY REPLACE APPROACHING TERMINAL NORTH OF DRIVEWAY
SEWARD HWY	24.8	24.8		LT				1							
SEWARD HWY	24.8	25.1		LT	1584	1587.5				1				3	REPLACE NORTH BRIDGE CONNECTION
SEWARD HWY	25.0	25.1		RT	528	525.0				1				3	
SEWARD HWY	25.2	25.3		LT	528	525.0								3	
SEWARD HWY	25.2	25.8		RT	3168	3225.0		1		1		OPPOSING	62.5	5	
SEWARD HWY	26.0	26.2		RT	865	1025.0		2				APPROACHING	100	5	
SEWARD HWY	26.3	26.4		RT	528	525.0		1				OPPOSING	62.5	5	REPLACE OPPOSING TERMINAL
SEWARD HWY	26.9	27.2		RT	1490	1500.0		1				APPROACHING	12.5	4	EXTEND APPROACHING TERMINAL TO BACK OF PARKING AREA
SEWARD HWY	29.5	29.8		RT	1568	1712.5		2				APPROACHING	150	3	
SEWARD HWY	29.9	30.2		RT	1250	1362.5		2				APPROACHING	112.5	3	
SEWARD HWY	30.4	30.9		RT	2600	2637.5		2				APPROACHING	37.5	3	
SEWARD HWY	31.1	31.2		RT	528	525.0		1						3	REPLACE OPPOSING TERMINAL
SEWARD HWY	35.9	36.0		RT	155	150.0		2						3	
SEWARD HWY	35.9	36.0		LT	155	150.0		2						3	
SEWARD HWY	49.8	50.2		RT	2112	2112.5		1						3	REPLACE OPPOSING TERMINAL
SEWARD HWY	50.8	50.8		RT	264	262.5								3	
SEWARD HWY	51.0	51.1		RT	528	525.0		1						3	REPLACE OPPOSING TERMINAL
SEWARD HWY	51.7	51.8		RT	528	525.0								3	
SEWARD HWY	51.7	51.8		LT	350	350.0		2						3	
SEWARD HWY	52.5	52.6		RT	528	625.0		1				APPROACHING	100	3	
SEWARD HWY	53.2	53.4		RT	825	825.0		2						3	
SEWARD HWY	53.3	53.4		LT	105	100.0		2						3	
SEWARD HWY	53.7	53.7		LT	264	262.5								4	

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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

**HSIP: CR GUARDRAIL INVENTORY
AND UPGRADE (SOUTH)**

SUMMARY TABLES

PLANS DEVELOPED BY:
LOUNSBURY & ASSOCIATES, INC.

PLANS DEVELOPED BY: LOUNSBURY & ASSOCIATES ADDRESS: 3230 C ST., SUITE 201, ANCHORAGE AK 99503 PHONE: (907) 272-5451 CERTIFICATE OF AUTHORIZATION NUMBER: AECC391

FILE ID: \P\W\B\FILE\DWG\04-399\PL-20-001 D SHEETS SOUTH.DWG DATE/TIME: 3/4/2022 1:49 PM

DU DRAFTED JT SA [CHECKED] [DESIGNED] [LAYOUT] [---]

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	TBD/CFHWY00938	2022	D6	D10

ROAD	APPROX. BEGIN MPT	APPROX. END MPT	LOCATION	OFFSET SIDE	606.0006.0000	606.0001.0000	606.0009.0000	606.0013.0000	606.0014.0000	606.0016.0000	606.2007.000C	EXTEND GUARDRAIL PAST EXISTING END TERMINAL		CASE	REMARKS
					REMOVE GUARDRAIL (FT)	GUARDRAIL (FT)	SHORT RADIUS GUARDRAIL (EACH)	PARALLEL GUARDRAIL TERMINAL (EACH)	BURIED IN BACKSLOPE GUARDRAIL TERMINAL (EACH)	TRANSITION RAIL (EACH)	CRASH CUSHION (EACH)	DIRECTION	LENGTH (FT)		
SEWARD HWY	54.0	54.1		LT	528	525.0		1						3	REPLACE APPROACHING TERMINAL
SEWARD HWY	54.2	54.4		RT	1056	1050.0		1						3	REPLACE OPPOSING TERMINAL
SEWARD HWY	54.2	54.3		LT	150	200.0		2				APPROACHING	50	3	
SEWARD HWY	54.4	54.7		RT	1584	1587.5								5	
SEWARD HWY	54.7	55.2		RT	1584	2637.5		2						3	
SEWARD HWY	55.8	55.8		LT				1							
SEWARD HWY	55.8	55.8		RT		100.0		1				APPROACHING	100	3	
SEWARD HWY	56.0	56.0		LT	264	262.5								3	
SEWARD HWY	56.0	56.0		RT	264	262.5				1				3	
SEWARD HWY	56.3	56.5		LT	1056	1050.0		1						5	REPLACE APPROACHING TERMINAL
SEWARD HWY	57.8	58.1		LT	1584	1587.5		1						5	REPLACE APPROACHING TERMINAL
SEWARD HWY	58.5	58.9		LT	2250	2250.0		2						5	
SEWARD HWY	59.7	59.7		RT	264	325.0		1				APPROACHING	62.5	3	
SEWARD HWY	59.7	59.8		LT	420	125.0		2						5	
SEWARD HWY	60.5	60.6		LT	528	525.0		1		1				3	
SEWARD HWY	60.5	60.6		RT	528	525.0		1						3	
SEWARD HWY	60.6	60.7		LT	528	525.0				1				3	
SEWARD HWY	60.6	60.7		RT						1					
SEWARD HWY	62.1	62.4		RT	1584	1587.5		1		1				5	
SEWARD HWY	62.4	62.4		LT	264	262.5		1						3	
SEWARD HWY	62.5	62.5		RT	264	262.5				1				5	
SEWARD HWY	62.5	62.5		LT	264	262.5								5	
SEWARD HWY	64.6	64.7		RT	480	475.0		2						5	
SEWARD HWY	64.6	64.7		LT	440	437.5		2						3	
SEWARD HWY	64.8	65.8		LT	5280	5275.0		1						5	REPLACE OPPOSING TERMINAL
SEWARD HWY	65.1	65.2		RT	528	575.0		1				APPROACHING	50	5	REMOVE TERMINAL AND EXTEND TO BACK OF PARKING AREA
SEWARD HWY	66.3	66.3		LT	190	300.0		2				APPROACHING	112.5	5	
SEWARD HWY	66.3	66.3		RT	264	262.5								5	
SEWARD HWY	66.6	66.9		RT	1235	1237.5		2						4	
SEWARD HWY	66.7	66.9		LT	1056	1050.0		1						5	REPLACE APPROACHING TERMINAL
SEWARD HWY	67.6	67.9		RT	1555	1550.0		2						5	
SEWARD HWY	67.6	67.7		LT	715	712.5		2						4	

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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

**HSIP: CR GUARDRAIL INVENTORY
AND UPGRADE (SOUTH)**

SUMMARY TABLES

PLANS DEVELOPED BY:
LOUNSBURY & ASSOCIATES INC.

PLANS DEVELOPED BY: LOUNSBURY & ASSOCIATES ADDRESS: 3230 C ST., SUITE 201, ANCHORAGE AK 99503 PHONE: (907) 272-5451 DATE/TIME: 3/4/2022 1:49 PM CERTIFICATE OF AUTHORIZATION NUMBER: AECC391 FILE ID: \P\W\SE\FILE\DWG\04\399\PL-20-001 D SHEETS SOUTH.DWG

SA [DESIGNED] JT [CHECKED] DU [DRAFTED]

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	TBD/CFHWY00938	2022	D7	D10

ROAD	APPROX. BEGIN MPT	APPROX. END MPT	LOCATION	OFFSET SIDE	606.0006.0000	606.0001.0000	606.0009.0000	606.0013.0000	606.0014.0000	606.0016.0000	606.2007.000C	EXTEND GUARDRAIL PAST EXISTING END TERMINAL		CASE	REMARKS
					REMOVE GUARDRAIL (FT)	GUARDRAIL (FT)	SHORT RADIUS GUARDRAIL (EACH)	PARALLEL GUARDRAIL TERMINAL (EACH)	BURIED IN BACKSLOPE GUARDRAIL TERMINAL (EACH)	TRANSITION RAIL (EACH)	CRASH CUSHION (EACH)	DIRECTION	LENGTH (FT)		
SEWARD HWY	68.1	68.3		RT	940	937.5		2						3	
SEWARD HWY	68.5	68.5		LT		112.5		2				APPROACHING	112.5	3	
SEWARD HWY	68.6	68.7		LT	680	675.0		2						4	
SEWARD HWY	68.9	69.3		RT	2100	2100.0		2						3	
SEWARD HWY	69.3	69.4		RT	355	350.0		2						3	
SEWARD HWY	69.5	69.9		RT	1937	1962.5		2				APPROACHING	25	3	
SEWARD HWY	70.1	70.2		RT	403	462.5		2				APPROACHING	62.5	3	
SEWARD HWY	70.2	70.2		LT	50	50.0		1						3	REPLACE OPPOSING TERMINAL
SEWARD HWY	70.3	70.3		LT				1						3	REPLACE OPPOSING TERMINAL
SEWARD HWY	70.6	71.5		RT	4752	4750.0		1						3	REPLACE OPPOSING TERMINAL
SEWARD HWY	71.5	72.1		RT	3168	3162.5		1						3	REPLACE APPROACHING TERMINAL
SEWARD HWY	72.0	72.1		LT	255	250.0		2						4	
SEWARD HWY	72.4	74.0		RT	8448	8550.0		1				APPROACHING	100	3	MPT 74.0 MID-RUN OF GUARDRAIL
SEWARD HWY	72.5	72.6		LT	528	525.0		1						3	REPLACE APPROACHING TERMINAL
STERLING HWY	0.0	0.5		RT	2640	2637.5		2						3	RAMP FROM SEWARD HWY
STERLING HWY	0.5	0.8		LT	1302	1387.5		2				OPPOSING	87.5	3	
STERLING HWY	1.6	1.6		LT	265	262.5		1						3	REPLACE OPPOSING TERMINAL
STERLING HWY	2.1	2.4		LT	1584	1587.5		1						3	REPLACE APPROACHING TERMINAL
STERLING HWY	2.5	2.6		RT	380	375.0		2						3	
STERLING HWY	2.5	2.6		LT	379	375.0								3	
STERLING HWY	2.8	2.8	Q3	LT				1		1				3	
STERLING HWY	2.8	2.8	Q4	LT	60	100.0		1				APPROACHING	37.5	3	
STERLING HWY	2.8	2.8	Q2	RT				1						3	
STERLING HWY	2.8	2.8	Q1	RT	60	62.5								3	
STERLING HWY	3.0	3.1		LT	330	275.0		1						3	
STERLING HWY	3.2	3.2		LT	150	175.0		2				APPROACHING	25	3	
STERLING HWY	3.2	3.2		RT	175	200.0		2				APPROACHING	25	3	
STERLING HWY	3.9	3.9		LT	264	262.5		1						5	
STERLING HWY	3.9	3.9		RT	264	337.5		1		1		APPROACHING	75	3	
STERLING HWY	4.0	4.1		LT	528	625.0		1		1		APPROACHING	100	3	
STERLING HWY	4.0	4.1		RT	528	525.0								3	
STERLING HWY	5.6	5.8		LT	950	1200.0		1				APPROACHING	250	3	
STERLING HWY	5.8	5.8		RT	305	300.0		2						3	
STERLING HWY	5.9	6.0		LT	327	325.0		1						3	REPLACE OPPOSING TERMINAL

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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

**HSIP: CR GUARDRAIL INVENTORY
AND UPGRADE (SOUTH)**

SUMMARY TABLES

PLANS DEVELOPED BY:
LOUNSBURY & ASSOCIATES INC.

PLANS DEVELOPED BY: LOUNSBURY & ASSOCIATES ADDRESS: 3230 C ST., SUITE 201, ANCHORAGE AK 99503 PHONE: (907) 272-5451 DATE/TIME: 3/4/2022 1:49 PM CERTIFICATE OF AUTHORIZATION NUMBER: AECC391 FILE ID: \P\W\SE\FILE\DWG\04-399\PL-20-001 D SHEETS SOUTH.DWG

DU DRAFTED JT SA [CHECKED] [DESIGNED] [LAYOUT]

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	TBD/CFHWY00938	2022	D8	D10

ROAD	APPROX. BEGIN MPT	APPROX. END MPT	LOCATION	OFFSET SIDE	606.0006.0000	606.0001.0000	606.0009.0000	606.0013.0000	606.0014.0000	606.0016.0000	606.2007.000C	EXTEND GUARDRAIL PAST EXISTING END TERMINAL		CASE	REMARKS
					REMOVE GUARDRAIL (FT)	GUARDRAIL (FT)	SHORT RADIUS GUARDRAIL (EACH)	PARALLEL GUARDRAIL TERMINAL (EACH)	BURIED IN BACKSLOPE GUARDRAIL TERMINAL (EACH)	TRANSITION RAIL (EACH)	CRASH CUSHION (EACH)	DIRECTION	LENGTH (FT)		
STERLING HWY	6.1	6.2		LT	466	512.5		1						3	
STERLING HWY	6.9	7.2		LT	1584	1587.5		1				APPROACHING	50	3	REPLACE OPPOSING TERMINAL
STERLING HWY	14.0	14.3		RT	1584	1587.5		1						3	REPLACE APPROACHING TERMINAL
STERLING HWY	15.2	15.5		RT	1614	1612.5		2						5	
STERLING HWY	16.0	16.1		LT	528	525.0								5	
STERLING HWY	16.1	16.1		LT			1							3	
STERLING HWY	17.5	17.9		LT	2105	2100.0		2						3	
STERLING HWY	18.1	18.5		LT	2195	2400.0		2				APPROACHING	200	5	
STERLING HWY	81.1	81.2		LT	528	525.0		1						5	REPLACE APPROACHING TERMINAL
STERLING HWY	81.7	81.9		RT				1							REPLACE APPROACHING TERMINAL
STERLING HWY	82.0	82.1		RT	528	525.0		1						5	REPLACE OPPOSING TERMINAL
STERLING HWY	82.0	82.1		LT	528	525.0								5	
STERLING HWY	82.5	82.6		RT	528	525.0		1						3	REPLACE OPPOSING TERMINAL
STERLING HWY	83.5	83.7		RT	1056	1050.0		1						5	REPLACE APPROACHING TERMINAL
STERLING HWY	83.8	83.9		LT	528	525.0		1						3	REPLACE OPPOSING TERMINAL
STERLING HWY	85.9	86.0		RT	528	525.0								3	
STERLING HWY	86.3	86.4		RT				2							
STERLING HWY	86.5	86.6		RT	528	525.0								3	
STERLING HWY	86.9	87.3		RT	2112	2112.5		1						3	REPLACE APPROACHING TERMINAL
STERLING HWY	87.2	87.2		LT	264	262.5		1						3	REPLACE APPROACHING TERMINAL
STERLING HWY	87.3	87.4		RT	528	525.0								3	
STERLING HWY	88.1	88.3		RT	1056	1050.0		1						3	REPLACE APPROACHING TERMINAL
STERLING HWY	88.1	88.3		LT		25.0		1				APPROACHING	25	3	
STERLING HWY	88.6	88.7		LT	528	525.0		1						3	REPLACE APPROACHING TERMINAL
STERLING HWY	88.7	88.7		RT	264	262.5								3	
STERLING HWY	89.3	89.5		RT	1056	1050.0		1						3	REPLACE APPROACHING TERMINAL
STERLING HWY	89.3	89.4		LT	474	475.0		1						5	REPLACE OPPOSING TERMINAL
STERLING HWY	90.0	90.1		LT	528	525.0		1						3	REPLACE OPPOSING TERMINAL
STERLING HWY	90.7	90.7		LT	264	262.5		1						3	REPLACE APPROACHING TERMINAL
STERLING HWY	90.7	90.8		RT	528	525.0								3	

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

**HSIP: CR GUARDRAIL INVENTORY
AND UPGRADE (SOUTH)**

SUMMARY TABLES

DRAFT
MARCH, 4 2022

PLANS DEVELOPED BY:
LOUNSBURY & ASSOCIATES INC.

PLANS DEVELOPED BY: LOUNSBURY & ASSOCIATES ADDRESS: 3230 C ST., SUITE 201, ANCHORAGE AK 99503 PHONE: (907) 272-5451 DATE/TIME: 3/4/2022 1:49 PM CERTIFICATE OF AUTHORIZATION NUMBER: AECC391 FILE ID: \P\W\SE\FILE\DWG\04-399\PL-20-001 D SHEETS SOUTH.DWG

DRAFTED
 JT
 CHECKED
 SA
 DESIGNED

 LAYOUT

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	TBD/CFHWY00938	2022	D9	D10

ROAD	APPROX. BEGIN MPT	APPROX. END MPT	LOCATION	OFFSET SIDE	606.0006.0000	606.0001.0000	606.0009.0000	606.0013.0000	606.0014.0000	606.0016.0000	606.2007.000C	EXTEND GUARDRAIL PAST EXISTING END TERMINAL		CASE	REMARKS
					REMOVE GUARDRAIL (FT)	GUARDRAIL (FT)	SHORT RADIUS GUARDRAIL (EACH)	PARALLEL GUARDRAIL TERMINAL (EACH)	BURIED IN BACKSLOPE GUARDRAIL TERMINAL (EACH)	TRANSITION RAIL (EACH)	CRASH CUSHION (EACH)	DIRECTION	LENGTH (FT)		
STERLING HWY	91.0	91.1		LT	528	525.0								5	
STERLING HWY	91.6	91.8		LT	1056	1050.0		1						3	REPLACE OPPOSING TERMINAL
STERLING HWY	92.9	93.0		LT	467	462.5		2						3	
STERLING HWY	92.9	93.0		RT	528	525.0		1						3	REPLACE APPROACHING TERMINAL
STERLING HWY	94.1	94.3		LT				1							REPLACE OPPOSING TERMINAL
STERLING HWY	98.2	98.5		LT				1							REPLACE OPPOSING TERMINAL
STERLING HWY	99.1	99.6		LT	2640	2637.5								5	
STERLING HWY	99.1	99.4		RT	1584	1587.5								3	
STERLING HWY	101.2	101.3		RT	528	525.0								3	
STERLING HWY	101.3	101.4		RT	528	525.0								5	
STERLING HWY	103.2	103.4		LT	1056	1050.0		1						3	REPLACE APPROACHING TERMINAL
STERLING HWY	103.3	103.4		RT	528	550.0		1				APPROACHING	25	3	
STERLING HWY	103.6	103.8		RT	1056	1050.0		1						3	REPLACE APPROACHING TERMINAL
STERLING HWY	103.7	103.8		LT	600	600.0								3	
STERLING HWY	104.1	104.3		RT				1							REPLACE APPROACHING TERMINAL
STERLING HWY	104.1	104.3		LT	1056	1050.0		1						3	REPLACE APPROACHING TERMINAL
STERLING HWY	107.5	107.7		RT	1056	1050.0								3	
STERLING HWY	107.5	107.7		LT	1056	1050.0								3	
STERLING HWY	107.9	108.0		RT				1							REPLACE OPPOSING TERMINAL
STERLING HWY	108.1	108.1		RT				2							
STERLING HWY	108.3	108.4		RT	528	525.0								3	
STERLING HWY	110.1	110.1		LT	264	387.5		2				APPROACHING	125	3	
STERLING HWY	110.1	110.1		RT	264	375.0	1	1				APPROACHING	112.5	3	
STERLING HWY	110.1	110.2		RT	291	287.5	1	1						3	
STERLING HWY	110.4	110.5		RT	63	175.0		2				APPROACHING	112.5	5	
STERLING HWY	110.7	110.8		LT	528	525.0		1		1				3	
STERLING HWY	110.8	111.0		LT	1056	1125.0		1				APPROACHING	75	3	
STERLING HWY	110.8	110.8		RT	264	262.5		1						3	
STERLING HWY	110.8	110.9		RT	528	525.0		1						3	
STERLING HWY	111.1	111.3		RT	800	800.0		2						4	
STERLING HWY	111.1	111.2		LT	600	737.5		2				APPROACHING	137.5	4	

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MARCH, 4 2022

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

**HSIP: CR GUARDRAIL INVENTORY
AND UPGRADE (SOUTH)**

SUMMARY TABLES

PLANS DEVELOPED BY:
LOUNSBURY & ASSOCIATES INC.

PLANS DEVELOPED BY: LOUNSBURY & ASSOCIATES ADDRESS: 3230 C ST., SUITE 201, ANCHORAGE AK 99503 PHONE: (907) 272-5451 DATE/TIME: 3/4/2022 1:49 PM
 FILE ID: \\PWISEFILE\DWG\04399\PL-20-001 D SHEETS SOUTH.DWG
 CERTIFICATE OF AUTHORIZATION NUMBER: AECC391
 SA [DESIGNED] JT [DRAFTED] DU

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	TBD/CFHWY00938	2022	D10	D10

ROAD	APPROX. BEGIN MPT	APPROX. END MPT	LOCATION	OFFSET SIDE	606.0006.0000	606.0001.0000	606.0009.0000	606.0013.0000	606.0014.0000	606.0016.0000	606.2007.000C	EXTEND GUARDRAIL PAST EXISTING END TERMINAL		CASE	REMARKS
					REMOVE GUARDRAIL (FT)	GUARDRAIL (FT)	SHORT RADIUS GUARDRAIL (EACH)	PARALLEL GUARDRAIL TERMINAL (EACH)	BURIED IN BACKSLOPE GUARDRAIL TERMINAL (EACH)	TRANSITION RAIL (EACH)	CRASH CUSHION (EACH)	DIRECTION	LENGTH (FT)		
STERLING HWY	113.1	113.2		RT	528	525.0									GIS CABLE GUARDRAIL
STERLING HWY	119.2	119.4		RT	1056	1187.5		2				APPROACHING	137.5		
STERLING HWY	119.2	119.3		LT	528	525.0		1			1				WRAP APPROACHING TERMINAL AROUND CORNER
STERLING HWY	120.5	120.5		LT	15	12.5	1			1					NORTHWEST SIDE OF BRIDGE
STERLING HWY	120.5	120.5		LT	10	137.5		1		1		APPROACHING	125		SOUTHEAST SIDE OF BRIDGE
STERLING HWY	120.5	120.5		RT	10	50.0		1		1		OPPOSING	37.5		SOUTHEAST SIDE OF BRIDGE
STERLING HWY	120.5	120.5		RT	75	75.0	1			1					NORTHWEST SIDE OF BRIDGE
STERLING HWY	121.6	121.7		LT	528	525.0		2							
STERLING HWY	126.6	126.9		RT	1515	1575.0		1				APPROACHING	65		EXTEND TERMINAL TO BACK OF PARKING AREA
STERLING HWY	126.8	126.9		LT	528	1025.0		1				APPROACHING	500		
TOTAL:					199,350.0	206,387.5	6	346	4	29	1				

DRAFT
MARCH, 4 2022

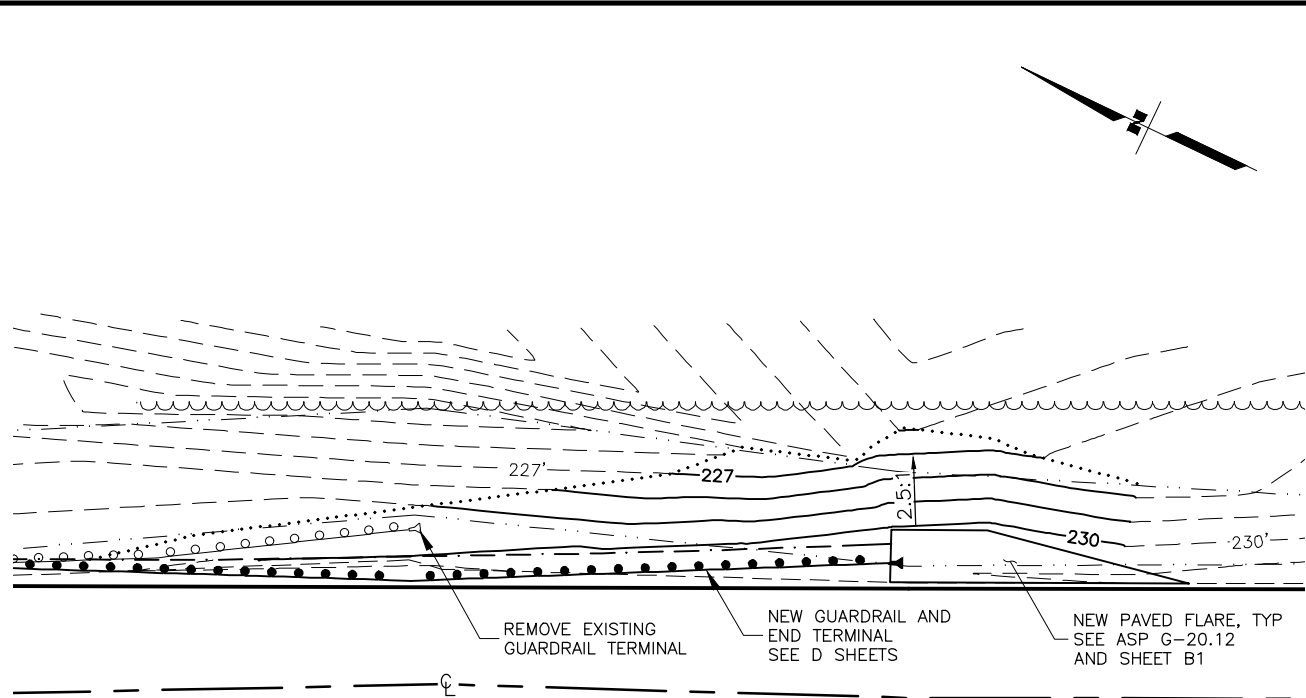
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

**HSIP: CR GUARDRAIL INVENTORY
AND UPGRADE (SOUTH)**

SUMMARY TABLES

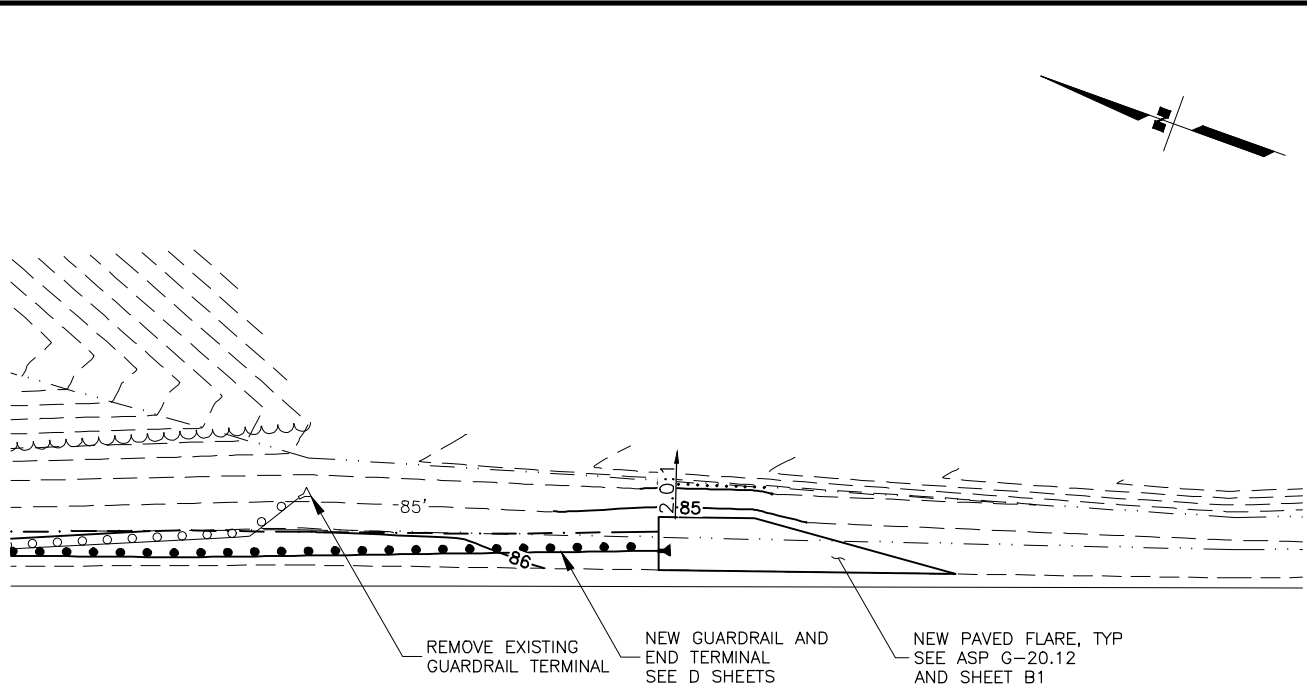
PLANS DEVELOPED BY:
LOUNSBURY & ASSOCIATES INC.

PLANS DEVELOPED BY: LOUNSBURY & ASSOCIATES ADDRESS: 3230 C ST., SUITE 201, ANCHORAGE AK 99503 PHONE: (907) 272-5451 CERTIFICATE OF AUTHORIZATION NUMBER: AECC391
 FILE ID: \\PWISEFILE\DWG\04399\PL-20-001 G SHEETS.DWG DATE/TIME: 3/4/2022 1:49 PM



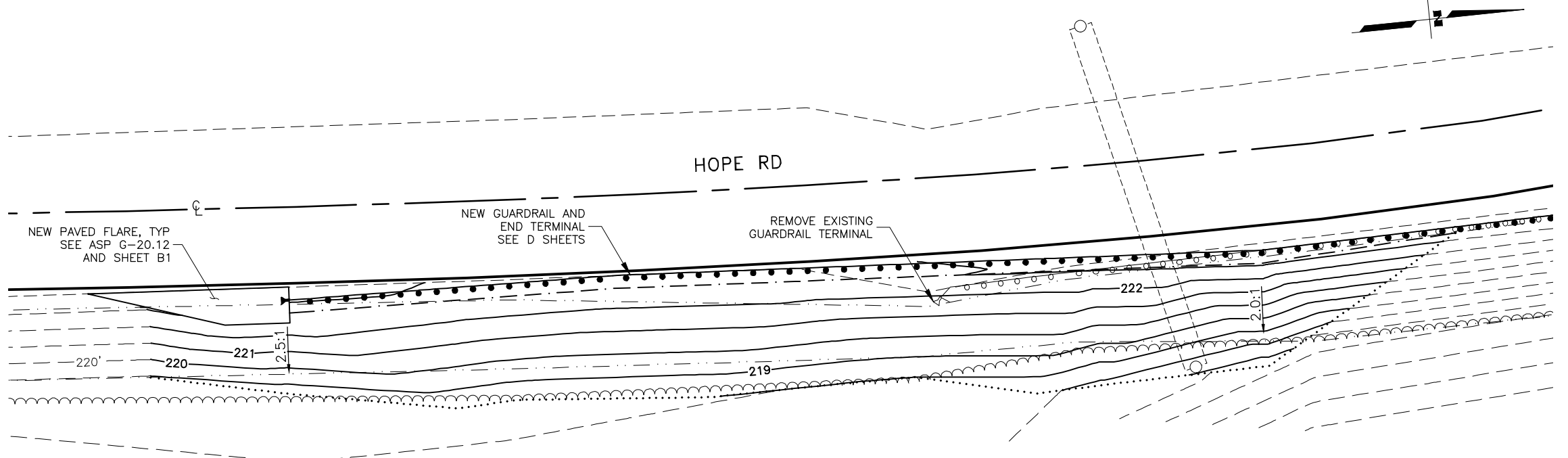
HOPE RD

HOPE ROAD
MPT 4.4 RT



HOPE RD

HOPE ROAD
MPT 9.9 RT



HOPE RD

HOPE ROAD
MPT 5.3 RT

SHEET NO.	TOTAL SHEETS
G1	G11
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION

TBD/CFHWY00938

NO.	REVISION

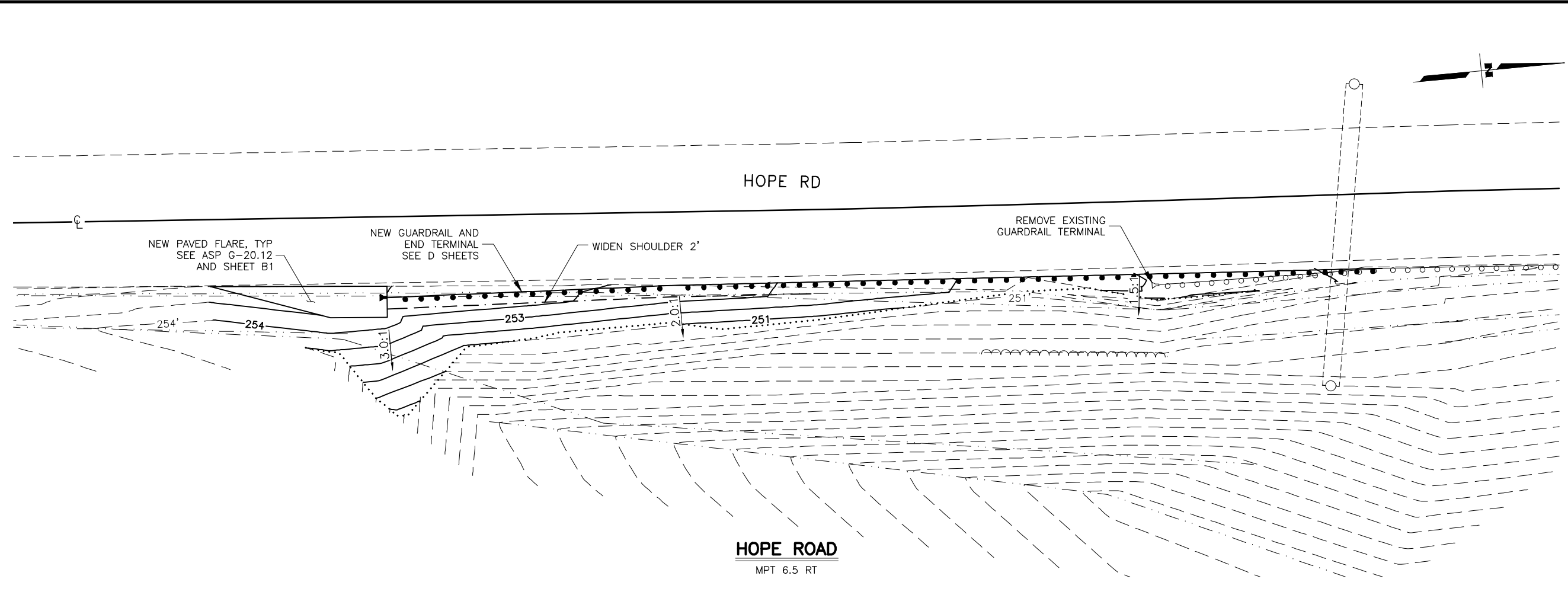
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MARCH, 4 2022

PLANS DEVELOPED BY:
LOUNSBURY & ASSOCIATES INC.

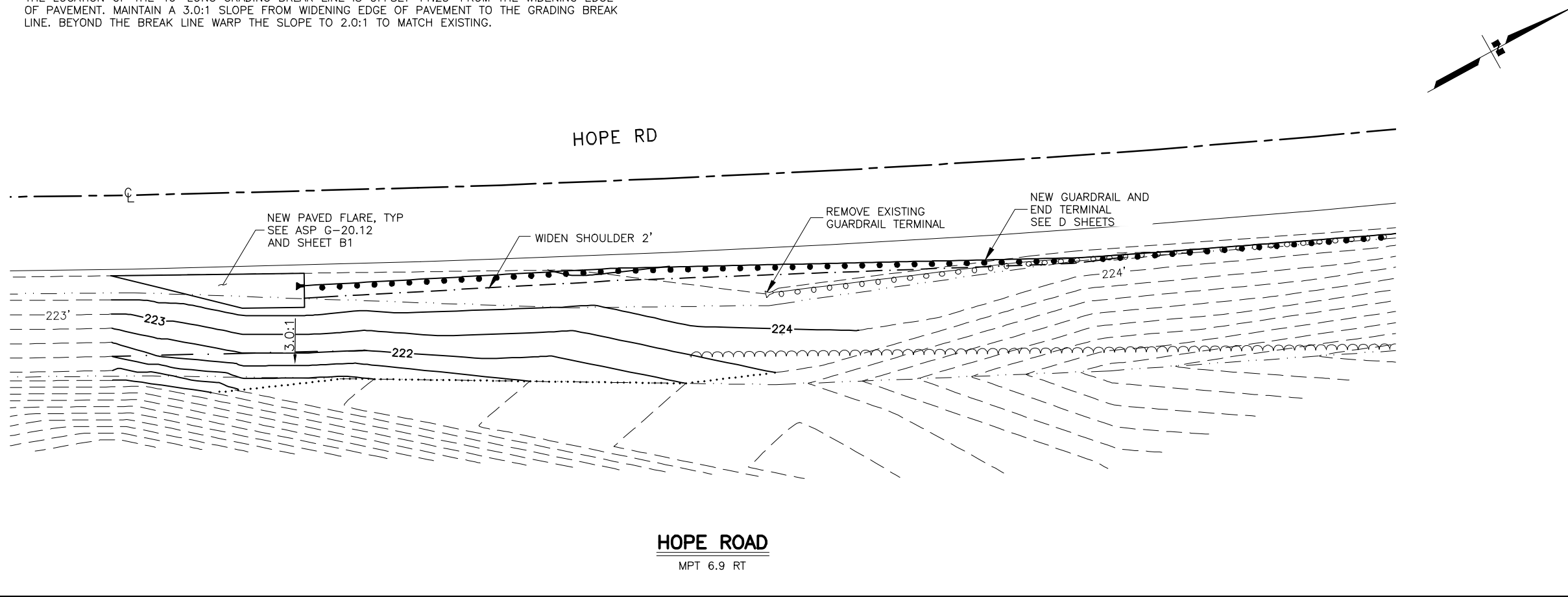
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
HSIP: CR GUARDRAIL
INVENTORY AND UPGRADE
(SOUTH)

HOPE ROAD
MPT 4.4 RT TO 9.9 RT

PLANS DEVELOPED BY: LOUNSBURY & ASSOCIATES ADDRESS: 3230 C ST., SUITE 201, ANCHORAGE AK 99503 PHONE: (907) 272-5451 DATE/TIME: 3/4/2022 1:49 PM CERTIFICATE OF AUTHORIZATION NUMBER: AECC391 FILE ID: \\PWS\FILE\DWG\04399\PL-20-001 G SHEETS.DWG DESIGNED: SM CHECKED: JC DRAFTED: DU



NOTE:
 THE LOCATION OF THE 40' LONG GRADING BREAK LINE IS OFFSET 11.25' FROM THE WIDENING EDGE OF PAVEMENT. MAINTAIN A 3.0:1 SLOPE FROM WIDENING EDGE OF PAVEMENT TO THE GRADING BREAK LINE. BEYOND THE BREAK LINE WARP THE SLOPE TO 2.0:1 TO MATCH EXISTING.



SHEET NO.	TOTAL SHEETS
G2	G11
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
TBD/CFHWY00938

NO.	REVISION

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MARCH, 4 2022

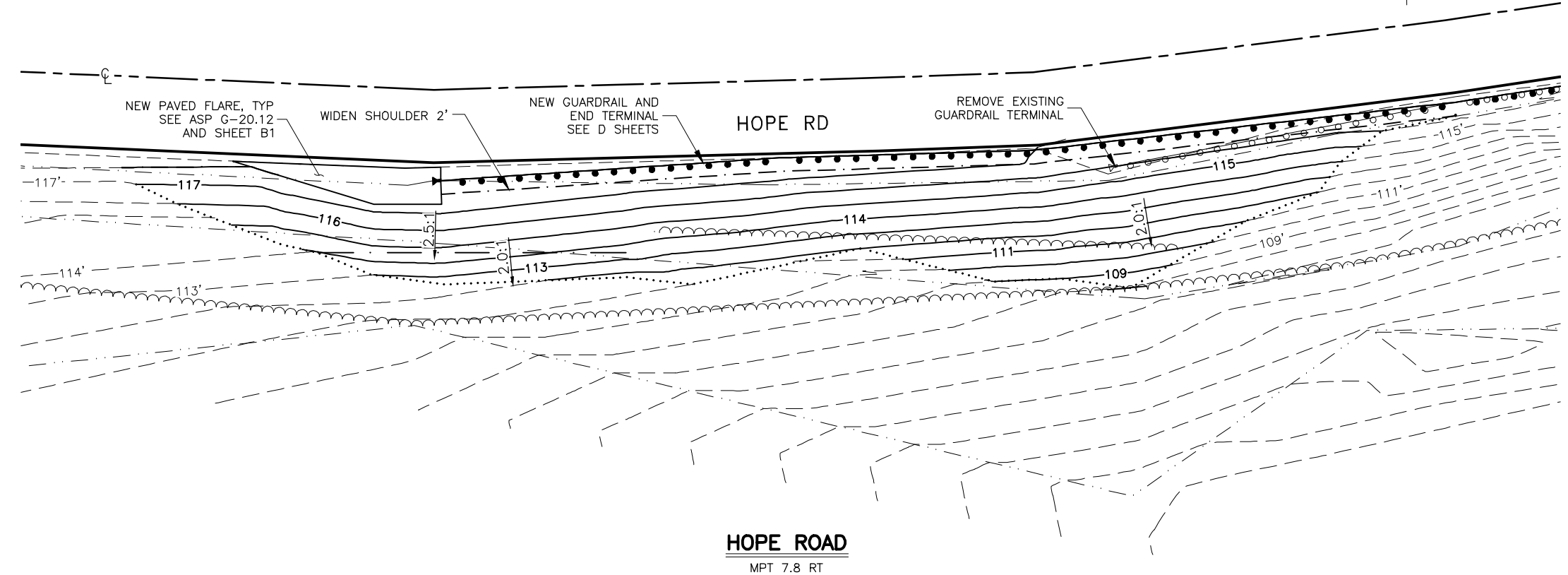
PLANS DEVELOPED BY:
 LOUNSBURY & ASSOCIATES INC.

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 HSIP: CR GUARDRAIL
 INVENTORY AND UPGRADE
 (SOUTH)

HOPE ROAD
 MPT 6.5 RT & 6.9 RT

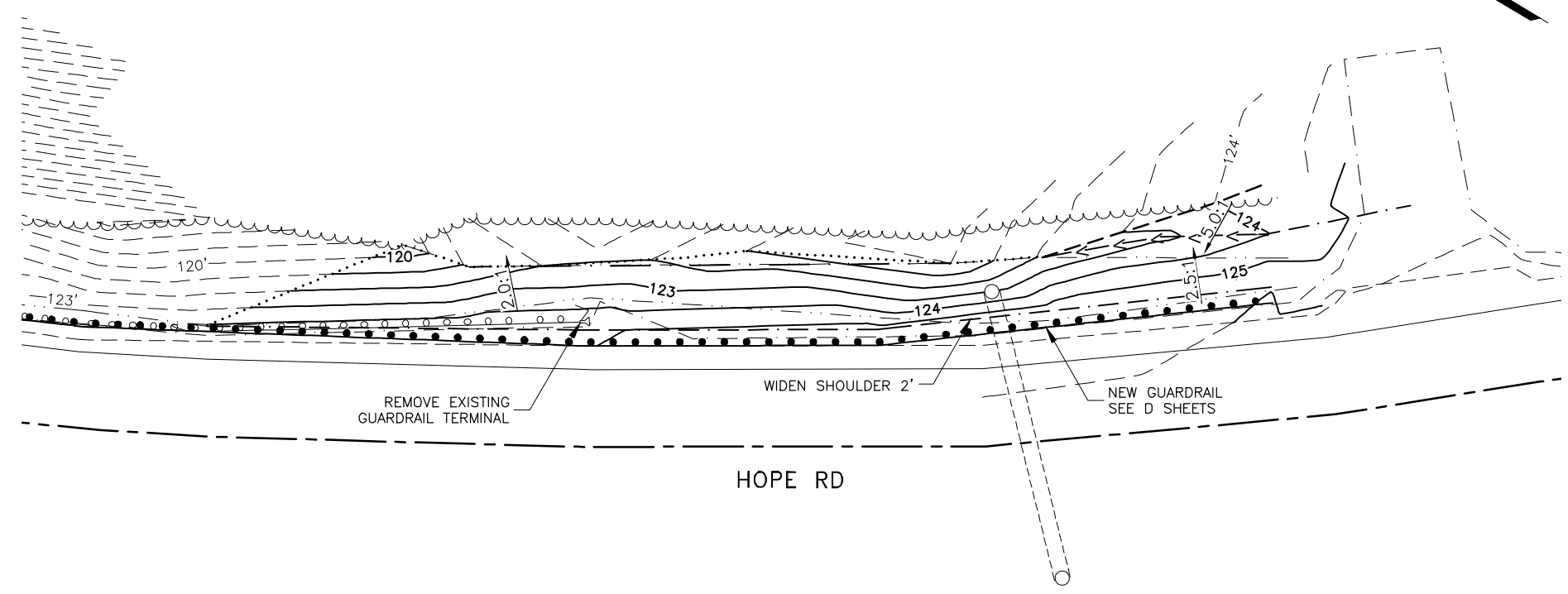
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 FILE ID: \\PWS\FILE\DWG\04399\PL-20-001 G SHEETS.DWG
 DRAFTED JC DESIGNED SM CHECKED JC LAYOUT

NOTE:
 THE LOCATION OF THE 60' LONG GRADING BREAK LINE IS OFFSET 7.25' FROM THE WIDENING EDGE OF PAVEMENT. MAINTAIN A 2.5:1 SLOPE FROM WIDENING EDGE OF PAVEMENT AND SHOULDER HINGE TO THE GRADING BREAK LINE. BEYOND THE BREAK LINE WARP THE SLOPE TO 2.0:1 TO MATCH EXISTING.



HOPE ROAD
MPT 7.8 RT

NOTE:
 TERMINAL WIDENING NOT NEEDED DUE TO DRIVEWAY. THE LOCATION OF THE 28' LONG DITCH LINE RE-GRADING STARTS AT AN OFFSET OF 8.5' FROM THE PROPOSED TERMINAL. MAINTAIN A 2:1 FORESLOPE AND 5:1 BACKSLOPE FROM SHOULDER HINGE TO PROPOSED DITCH. GRADE TO DRAIN INTO EXISTING DITCH.



HOPE ROAD
MPT 8.4 RT

SHEET NO.	TOTAL SHEETS
G3	G11
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
TBD/CFHWY00938

NO.	REVISION

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MARCH, 4 2022

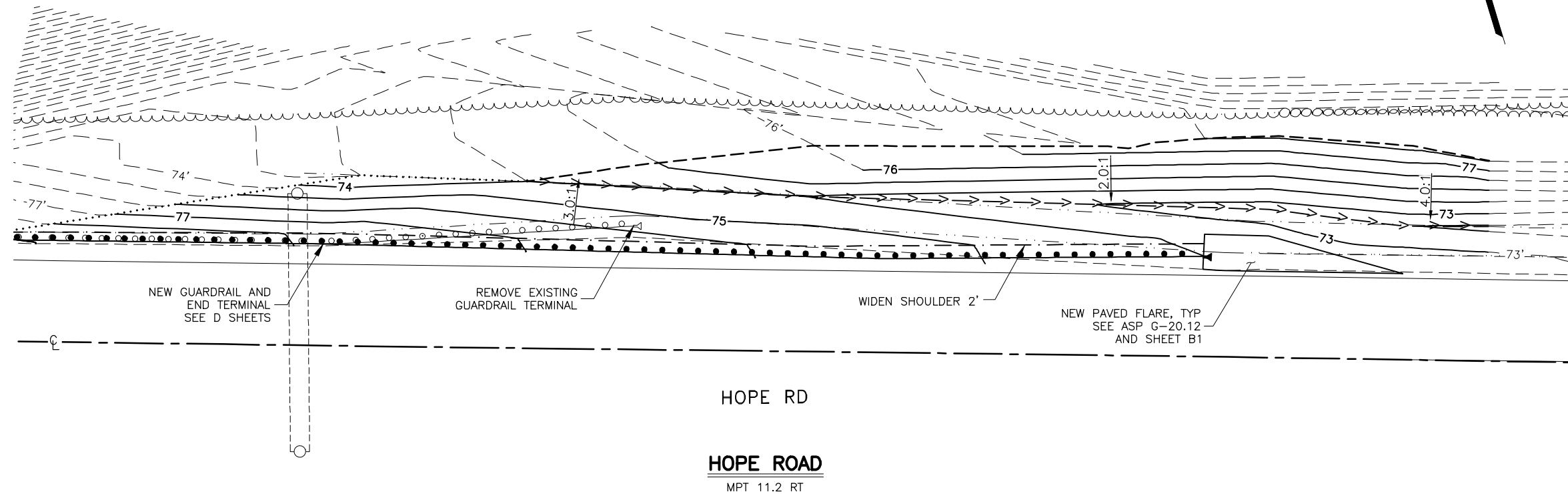
PLANS DEVELOPED BY:
 LOUNSBURY & ASSOCIATES INC.

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 HSIP: CR GUARDRAIL
 INVENTORY AND UPGRADE
 (SOUTH)

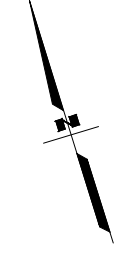
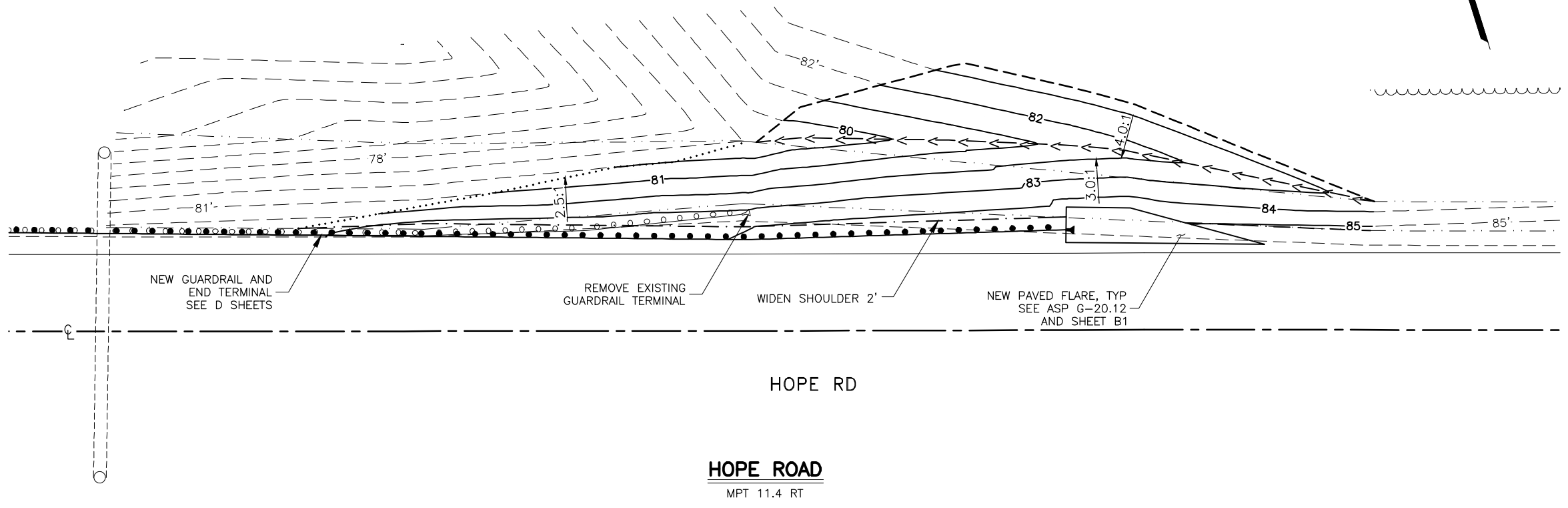
HOPE ROAD
 MPT 7.8 RT & 8.4 RT

PLANS DEVELOPED BY: LOUNSBURY & ASSOCIATES ADDRESS: 3230 C ST., SUITE 201, ANCHORAGE AK 99503 PHONE: (907) 272-5451 DATE/TIME: 3/4/2022 1:49 PM CERTIFICATE OF AUTHORIZATION NUMBER: AECC391 FILE ID: \\PWISEFILE\DWG\04399\PL-20-001 G SHEETS.DWG

NOTE:
 THE LOCATION OF THE 150' LONG DITCH LINE RE-GRADING STARTS AT THE EXISTING DITCH LINE 16.5' DOWNSTREAM OF THE EXISTING TERMINAL. MAINTAIN A 4:1 FORESLOPE AND 2:1 BACKSLOPE FROM WIDENING EDGE OF PAVEMENT AND SHOULDER HINGE TO PROPOSED DITCH. GRADE TO DRAIN INTO EXISTING DITCH.



NOTE:
 THE LOCATION OF THE 157' LONG DITCH LINE RE-GRADING STARTS AT THE EXISTING DITCH LINE 109' DOWNSTREAM OF THE EXISTING TERMINAL. MAINTAIN A 2.5:1 FORESLOPE AND 4:1 BACKSLOPE FROM WIDENING EDGE OF PAVEMENT AND SHOULDER HINGE TO PROPOSED DITCH. GRADE TO DRAIN INTO EXISTING DITCH.



SHEET NO.	TOTAL SHEETS
G4	G11
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
TBD/CFHWY00938

NO.	REVISION

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MARCH, 4 2022

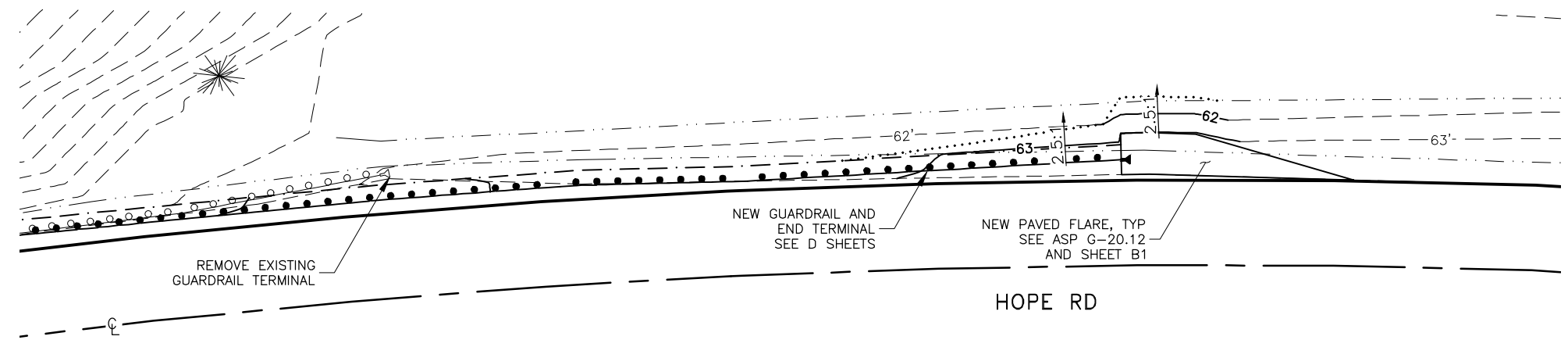
PLANS DEVELOPED BY:
 LOUNSBURY & ASSOCIATES INC.
 STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 HSIP: CR GUARDRAIL
 INVENTORY AND UPGRADE
 (SOUTH)
HOPE ROAD
 MPT 11.2 RT & 11.4 RT

PLANS DEVELOPED BY: LOUNSBURY & ASSOCIATES ADDRESS: 3230 C ST., SUITE 201, ANCHORAGE AK 99503 PHONE: (907) 272-5451 CERTIFICATE OF AUTHORIZATION NUMBER: AECC391
 FILE ID: \\PWS\FILE\DWG\04-399\PL-20-001 G SHEETS.DWG DATE/TIME: 3/4/2022 1:49 PM LAYOUT: --- DESIGNED: SM CHECKED: JC DRAFTED: DU

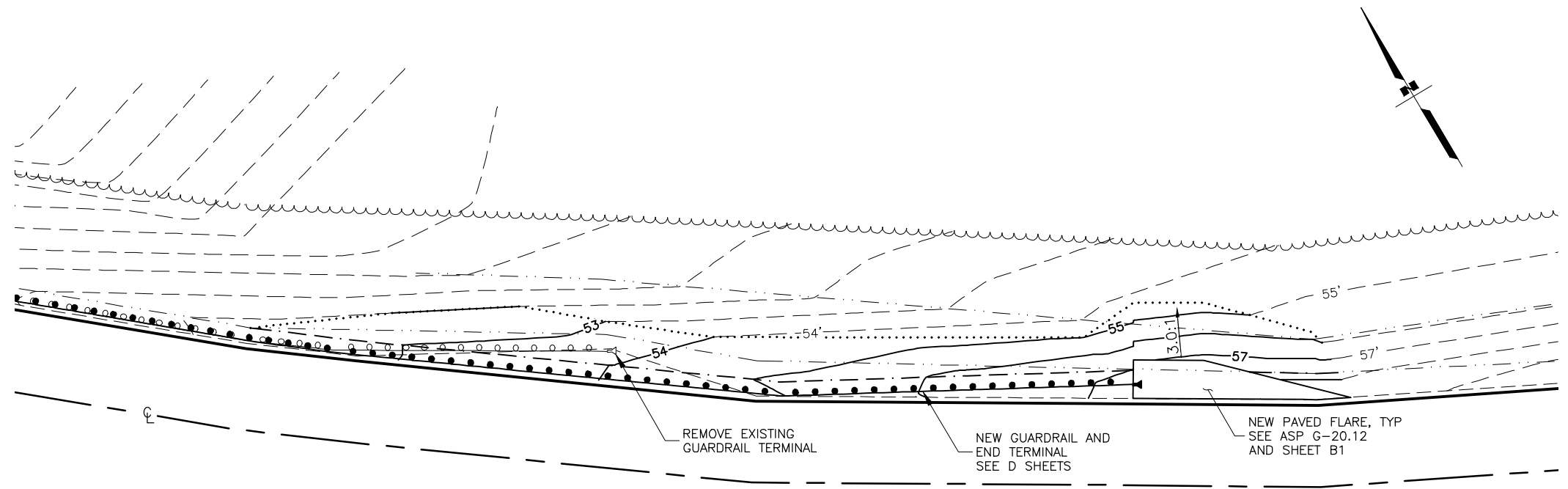
SHEET NO.	TOTAL SHEETS
G5	G11
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
TBD/CFHWY00938

NO.	REVISION



HOPE ROAD
 MPT 12.1 RT



HOPE ROAD
 MPT 12.6 RT

DRAFT
MARCH, 4 2022

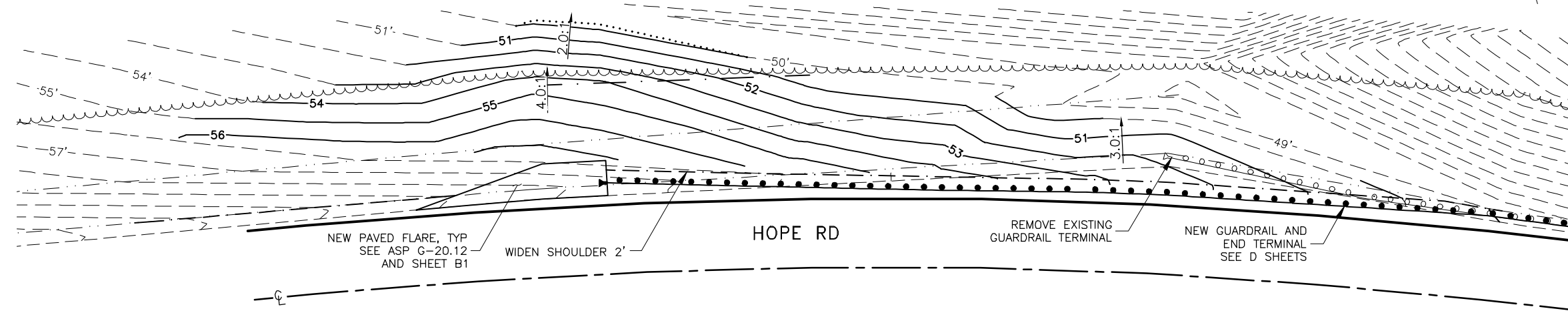
PLANS DEVELOPED BY:
 LOUNSBURY & ASSOCIATES INC.

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 HSIP: CR GUARDRAIL
 INVENTORY AND UPGRADE
 (SOUTH)

HOPE ROAD
 MPT 12.1 RT TO 12.6 RT

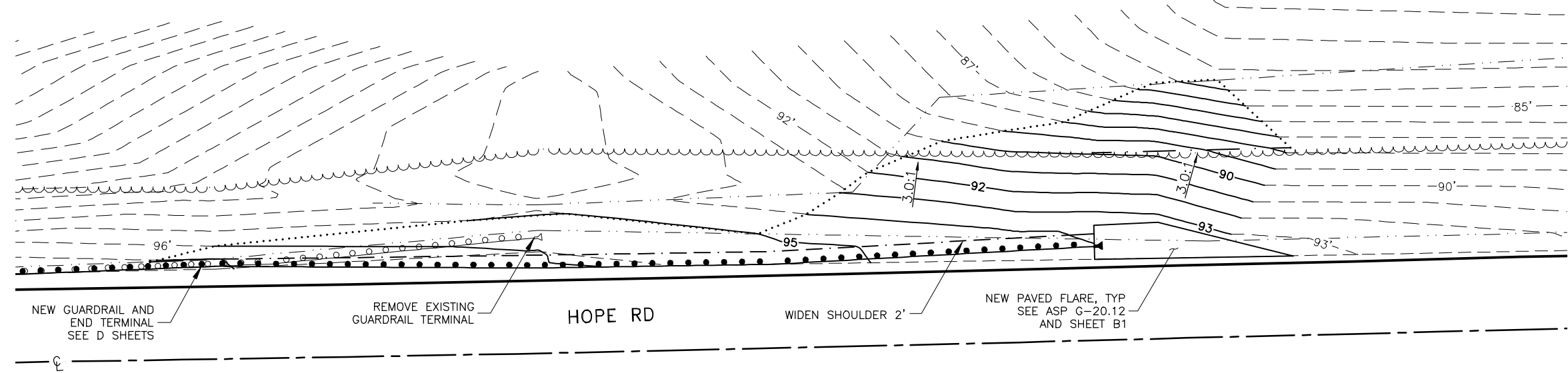
PLANS DEVELOPED BY: LOUNSBURY & ASSOCIATES ADDRESS: 3230 C ST., SUITE 201, ANCHORAGE AK 99503 PHONE: (907) 272-5451 DATE/TIME: 3/4/2022 1:49 PM
 FILE ID: \\PWS\FILE\DWG\04399\PL-20-001 G SHEETS.DWG CERTIFICATE OF AUTHORIZATION NUMBER: AECC391 DESIGNED: SM CHECKED: JC DRAFTED: DU

NOTE:
 THE LOCATION OF THE 4.3' LONG GRADING BREAK LINE IS OFFSET 12' FROM THE WIDENING EDGE OF PAVEMENT. MAINTAIN A 4:1 SLOPE FROM WIDENING EDGE OF PAVEMENT AND SHOULDER HINGE TO THE GRADING BREAK LINE. BEYOND THE BREAK LINE WARP THE SLOPE TO 2:1 TO MATCH EXISTING.

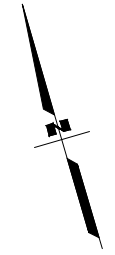


HOPE ROAD
MPT 13.4 RT

NOTE:
 THE LOCATION OF THE 30' LONG GRADING BREAK LINE IS OFFSET 11' FROM THE WIDENING EDGE OF PAVEMENT. MAINTAIN A 3:1 SLOPE FROM WIDENING EDGE OF PAVEMENT TO THE GRADING BREAK LINE. BEYOND THE BREAK LINE WARP THE SLOPE TO 2:1 TO MATCH EXISTING.



HOPE ROAD
MPT 13.6 RT



SHEET NO.	TOTAL SHEETS
G6	G11
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
TBD/CFHWY00938

NO.	REVISION

DRAFT
MARCH, 4 2022

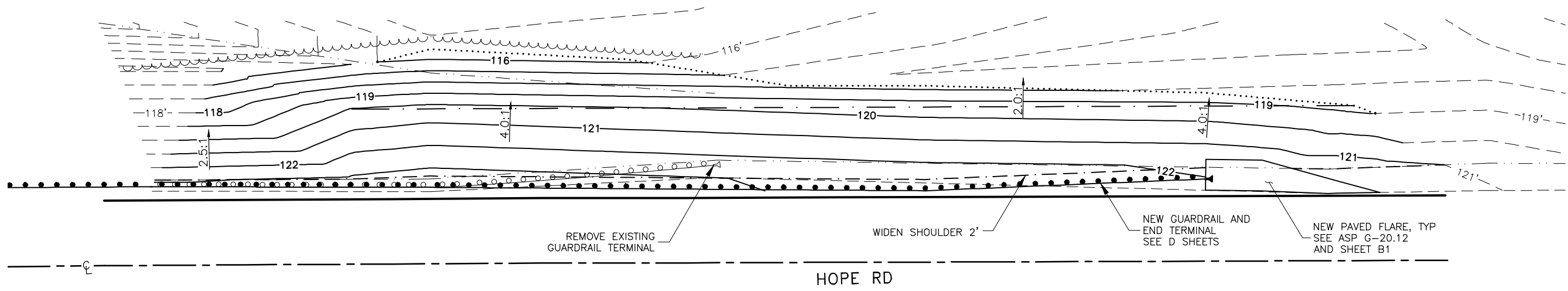
PLANS DEVELOPED BY:
 LOUNSBURY & ASSOCIATES INC.

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 HSIP: CR GUARDRAIL
 INVENTORY AND UPGRADE
 (SOUTH)

HOPE ROAD
 MPT 13.4 RT & 13.6 RT

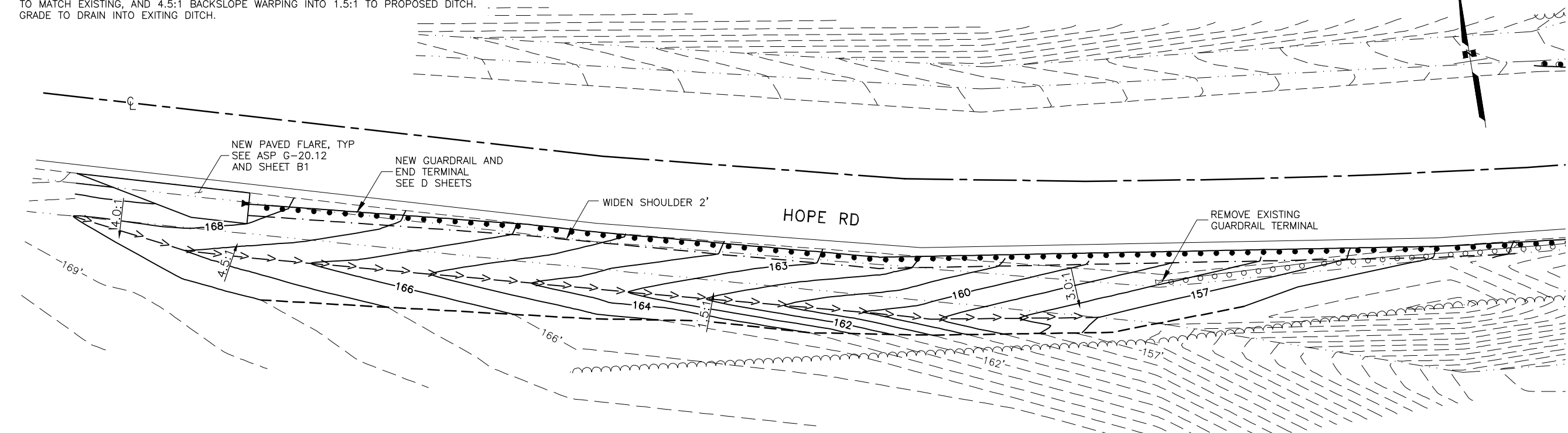
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NOTE:
 THE LOCATION OF THE 178' LONG GRADING BREAK LINE IS OFFSET 9.5' FROM THE WIDENING EDGE OF PAVEMENT. MAINTAIN A 4:1 SLOPE FROM WIDENING EDGE OF PAVEMENT AND SHOULDER HINGE TO THE GRADING BREAK LINE. BEYOND THE BREAK LINE WARP THE SLOPE TO 2:1 MATCH EXISTING.



HOPE ROAD
 MPT 13.7 RT

NOTE:
 THE LOCATION OF THE 182' LONG DITCH LINE RE-GRADING STARTS AT THE EXISTING DITCH LINE 31' DOWNSTREAM OF THE PROPOSED TERMINAL. MAINTAIN A 4:1 FORESLOPE BEHIND THE WIDENING EDGE OF PAVEMENT AND SHOULDER HINGE WARPING INTO 3:1 TO MATCH EXISTING, AND 4.5:1 BACKSLOPE WARPING INTO 1.5:1 TO PROPOSED DITCH. GRADE TO DRAIN INTO EXISTING DITCH.



HOPE ROAD
 MPT 13.9 LT

SHEET NO.	TOTAL SHEETS
G7	G11
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
TBD/CFHWY00938

NO.	REVISION

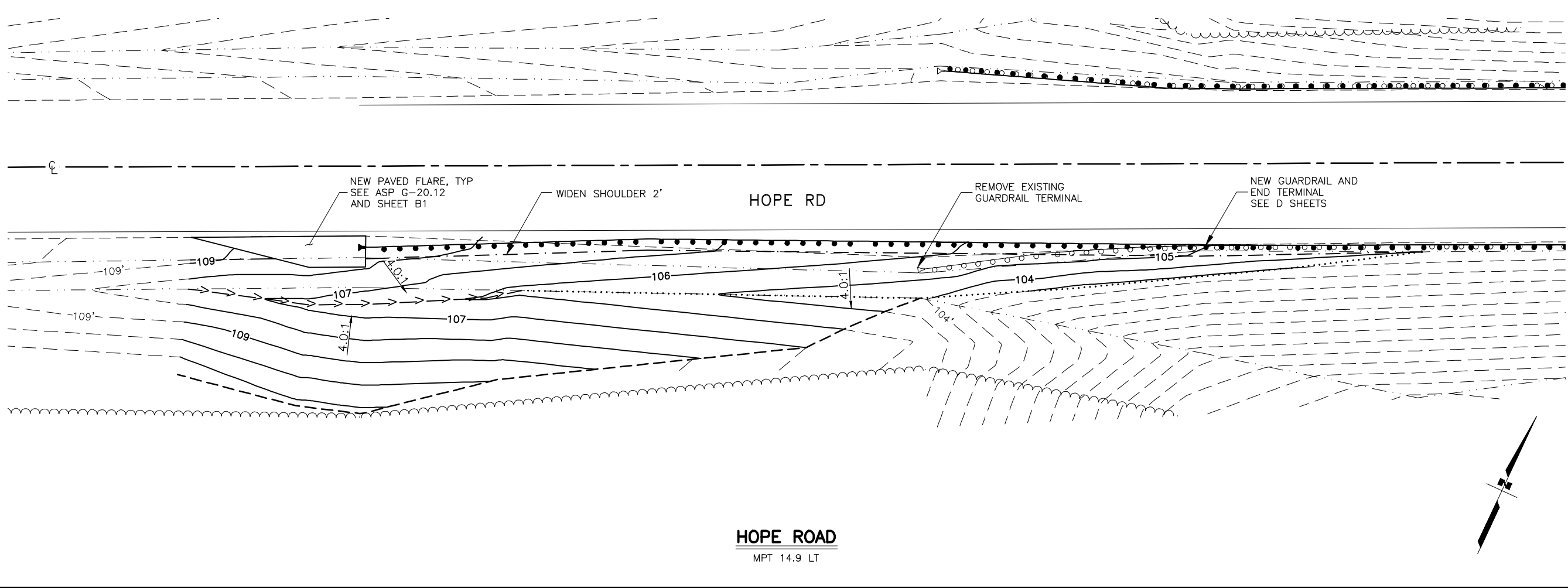
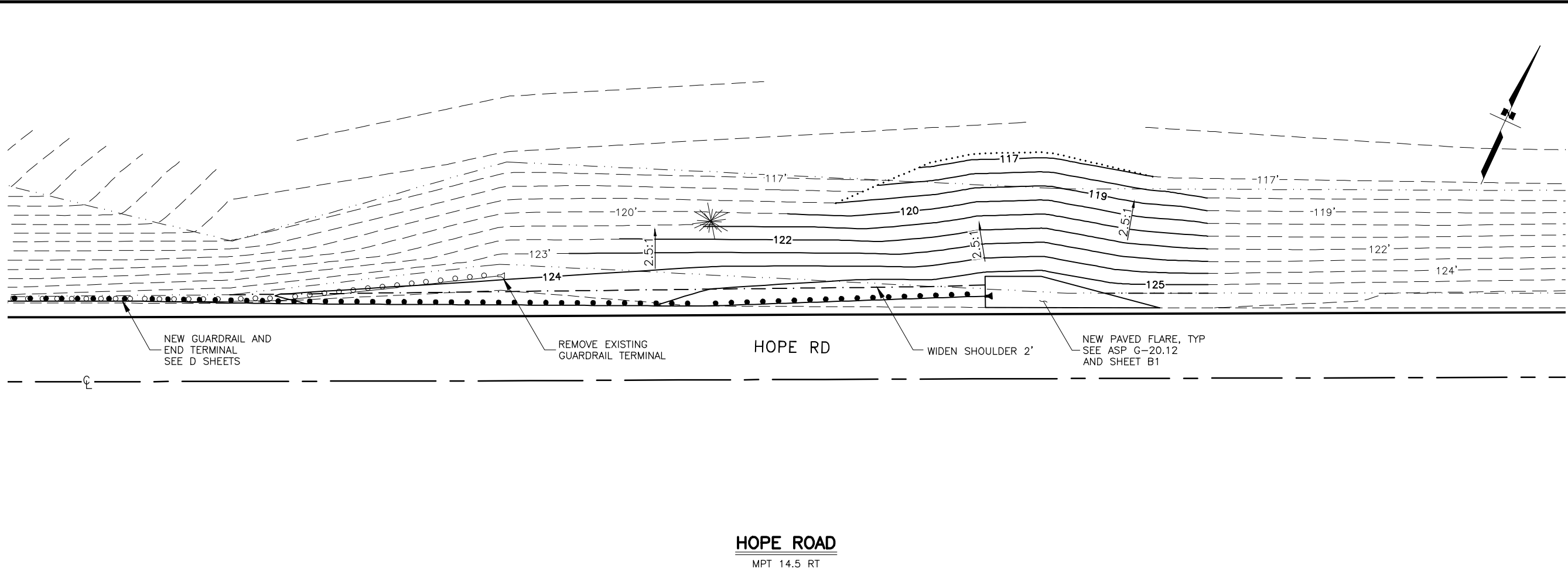
DRAFT
MARCH, 4 2022

PLANS DEVELOPED BY:
 LOUNSBURY & ASSOCIATES INC.

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 HSIP: CR GUARDRAIL
 INVENTORY AND UPGRADE
 (SOUTH)

HOPE ROAD
 MPT 13.7 RT & 13.9 LT

PLANS DEVELOPED BY: LOUNSBURY & ASSOCIATES ADDRESS: 3230 C ST., SUITE 201, ANCHORAGE AK 99503 PHONE: (907) 272-5451 DATE/TIME: 3/4/2022 1:49 PM
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 CERTIFICATE OF AUTHORIZATION NUMBER: AECC391
 DESIGNED: SM CHECKED: JC DRAFTED: DU



SHEET NO.	TOTAL SHEETS
G8	G11
STATE	YEAR
ALASKA	2022

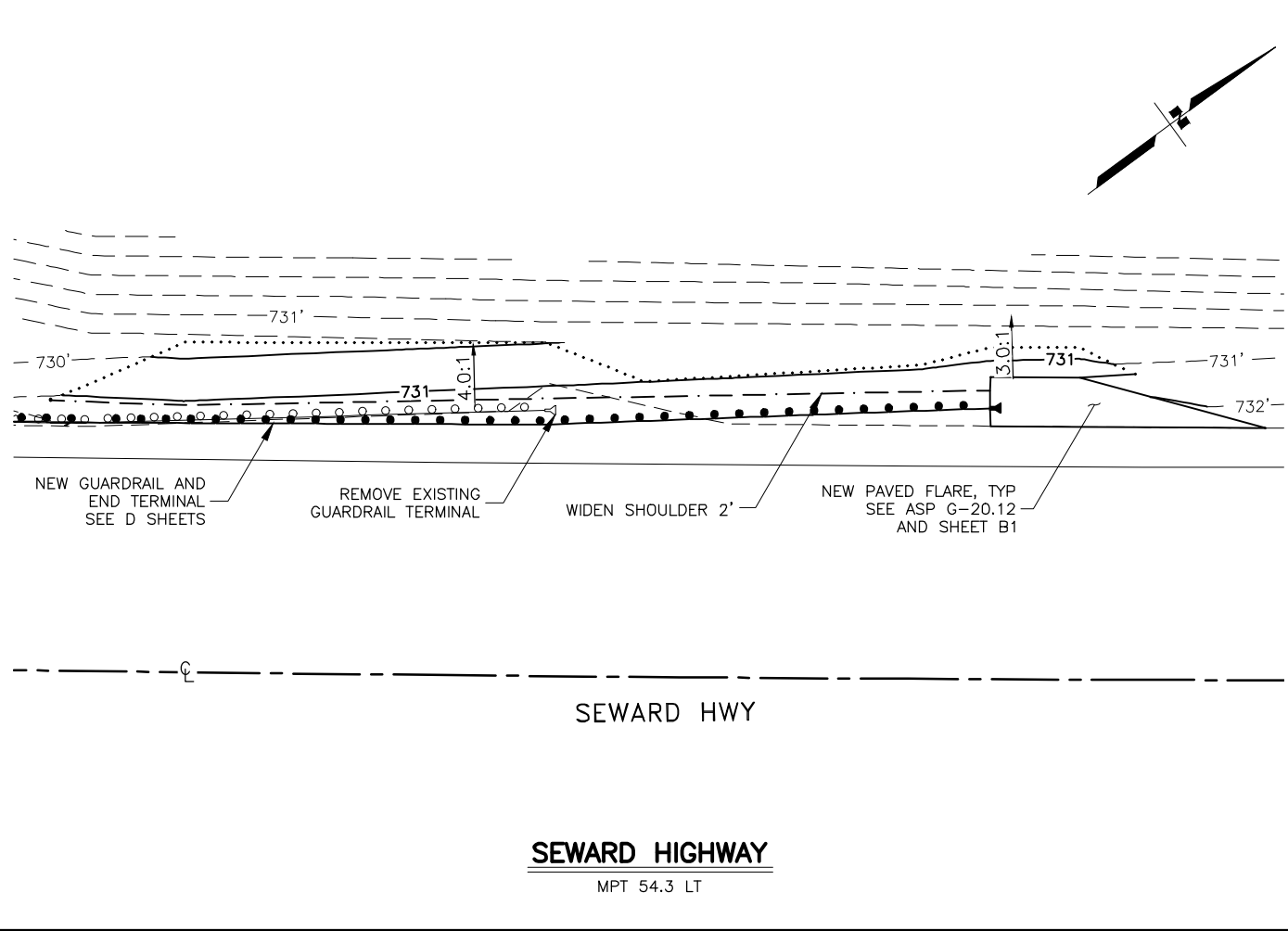
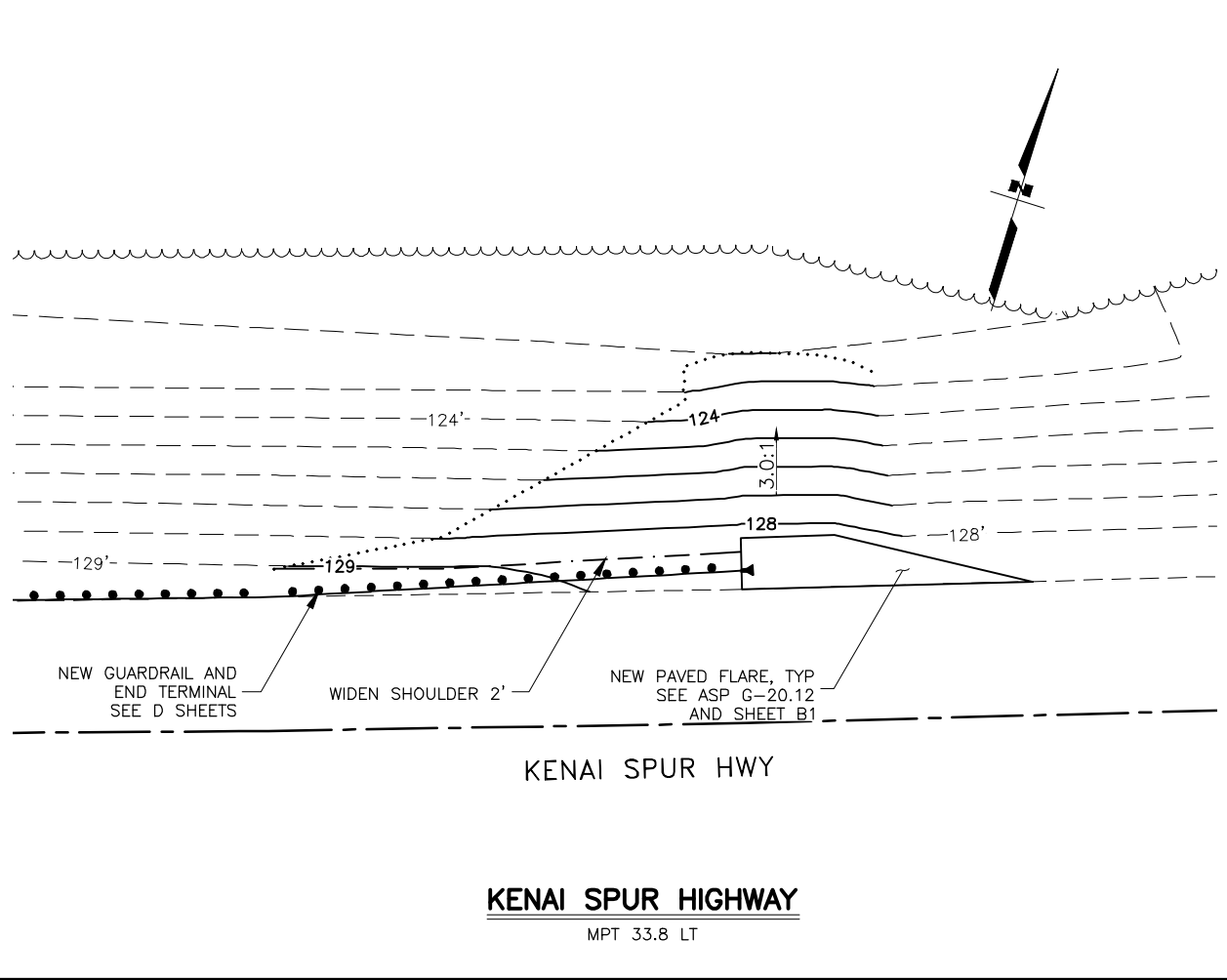
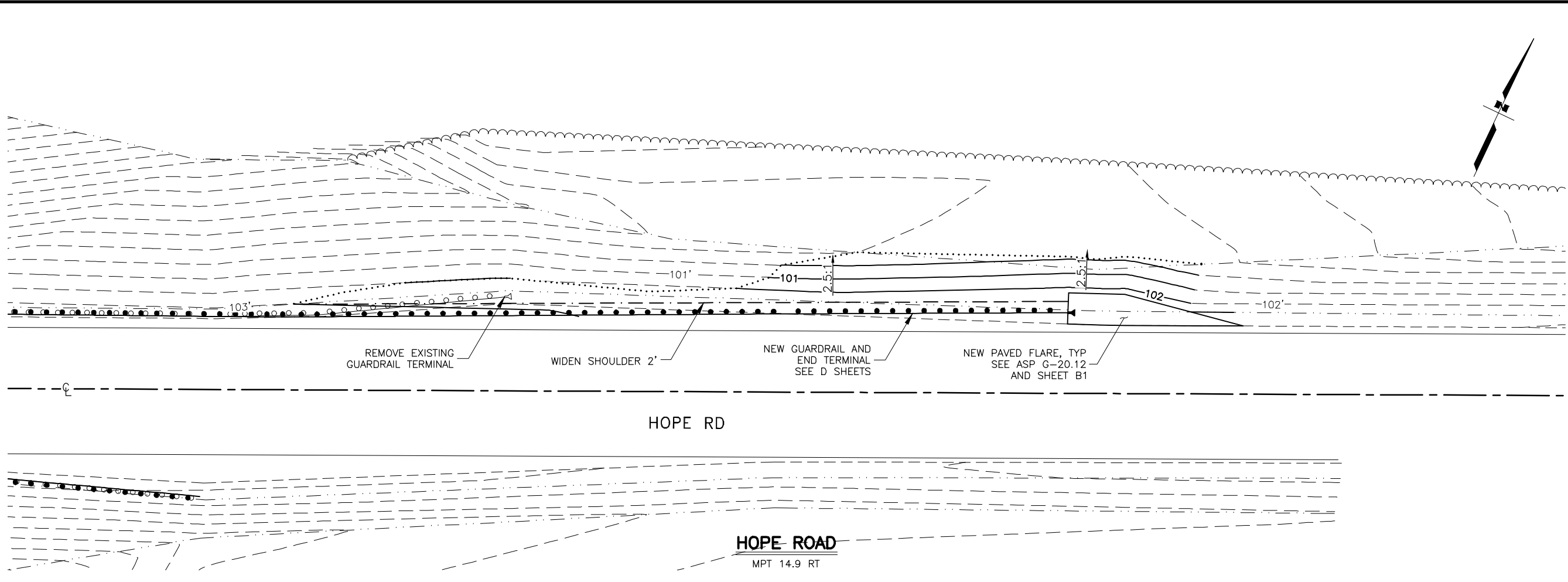
PROJECT DESIGNATION
TBD/CFHWY00938

NO.	REVISION

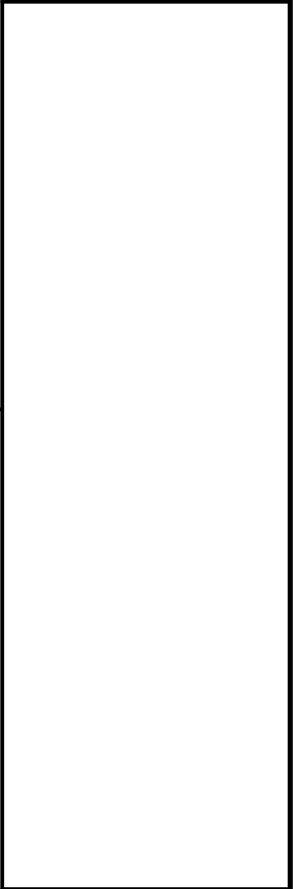
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MARCH, 4 2022

PLANS DEVELOPED BY:
 LOUNSBURY & ASSOCIATES INC.
 STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 HSIP: CR GUARDRAIL
 INVENTORY AND UPGRADE
 (SOUTH)
 HOPE ROAD
 MPT 14.5 RT & 14.9 LT

PLANS DEVELOPED BY: LOUNSBURY & ASSOCIATES ADDRESS: 3230 C ST., SUITE 201, ANCHORAGE AK 99503 PHONE: (907) 272-5451 CERTIFICATE OF AUTHORIZATION NUMBER: AECC391
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SHEET NO.	TOTAL SHEETS
G9	G11
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
TBD/CFHWY00938	
NO.	REVISION
NO.	REVISION
NO.	REVISION

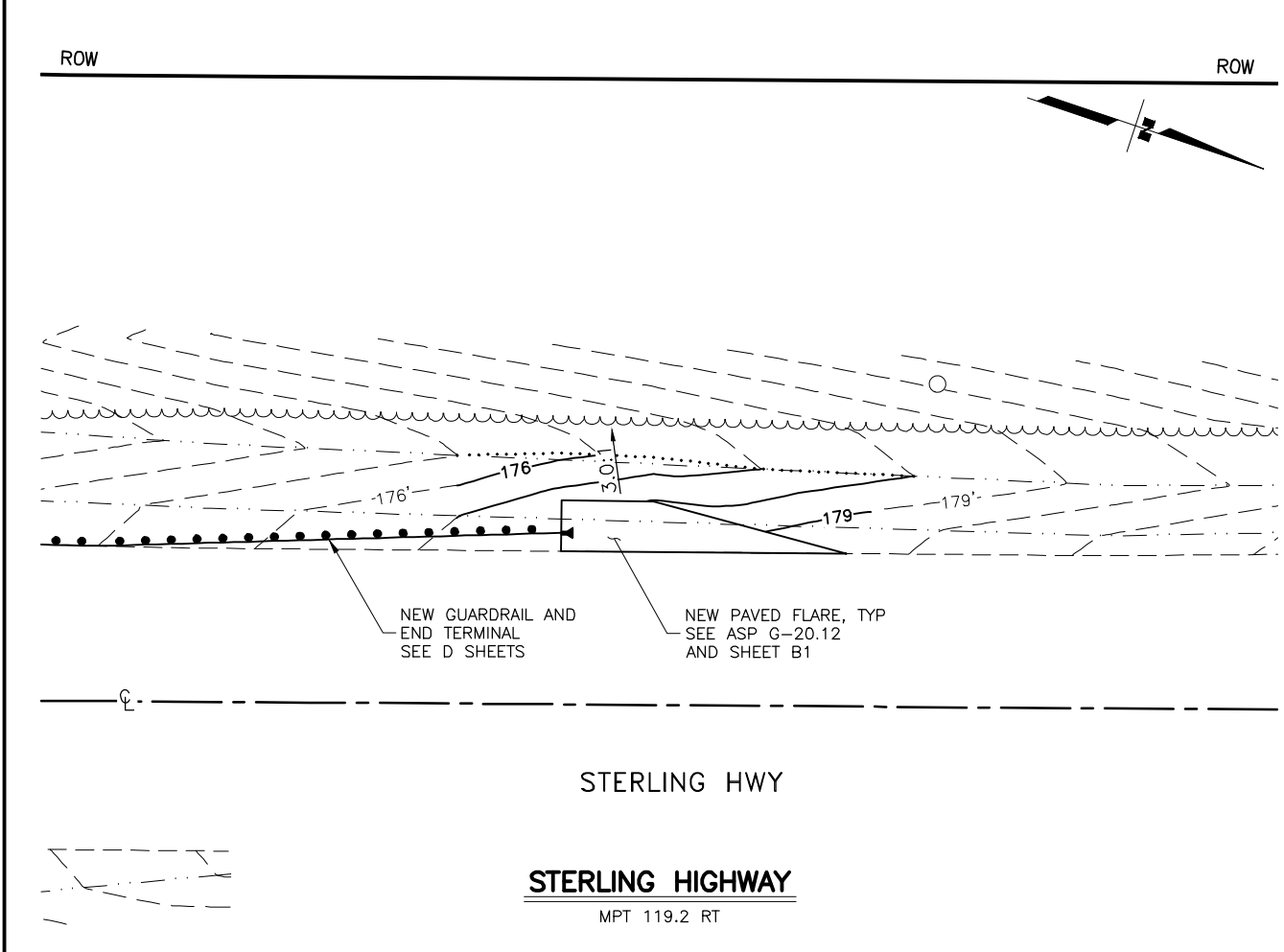
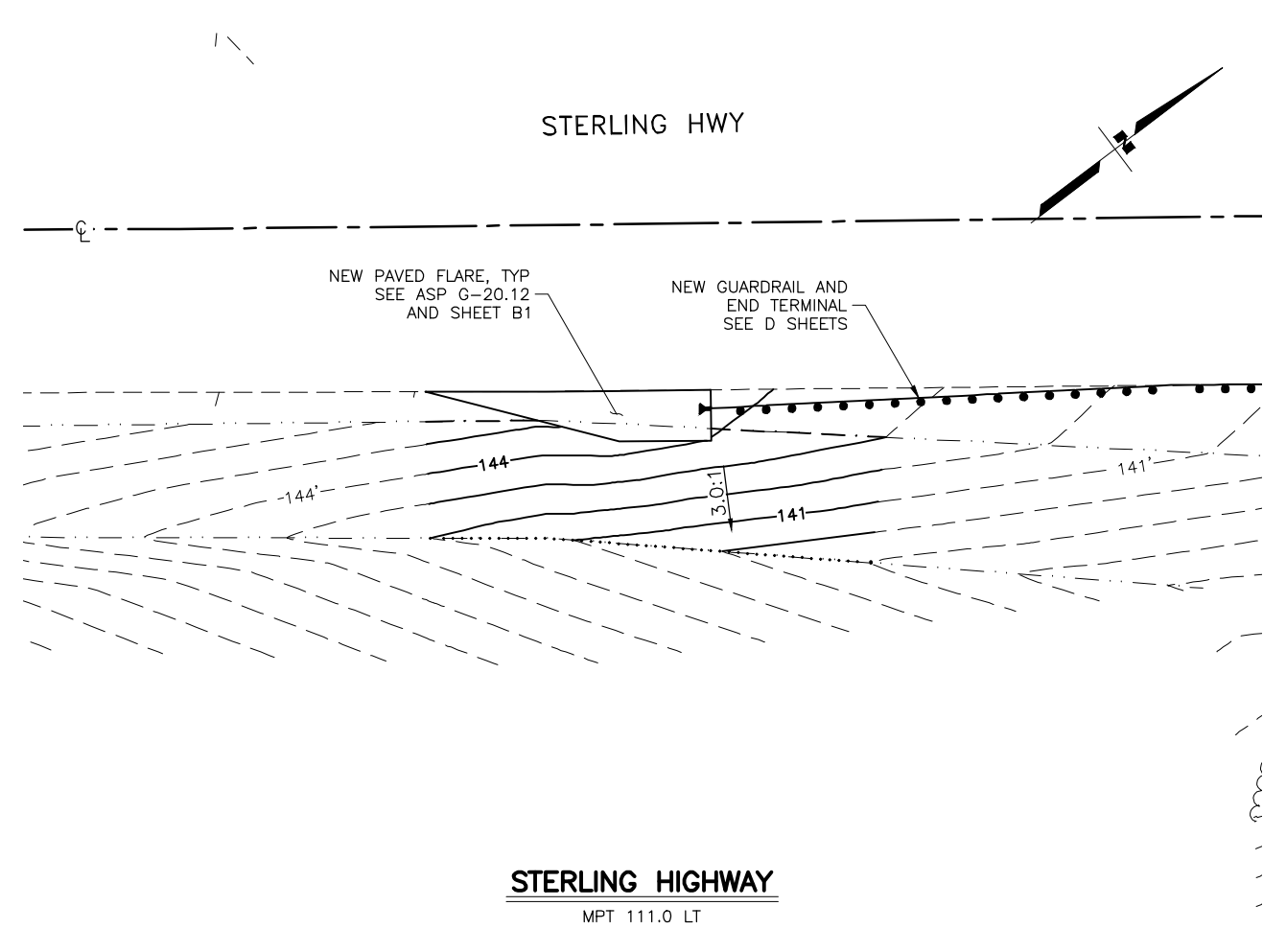
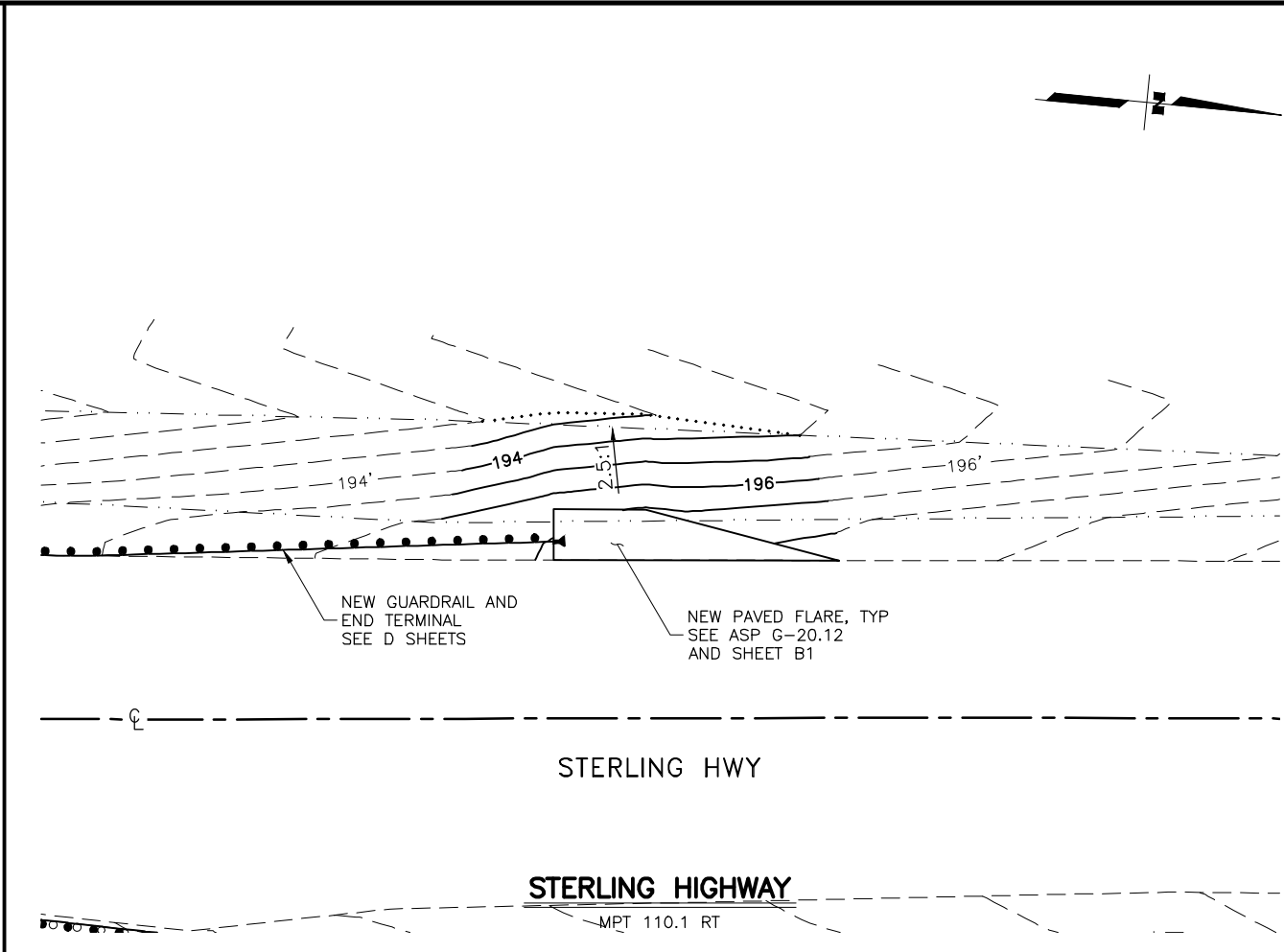
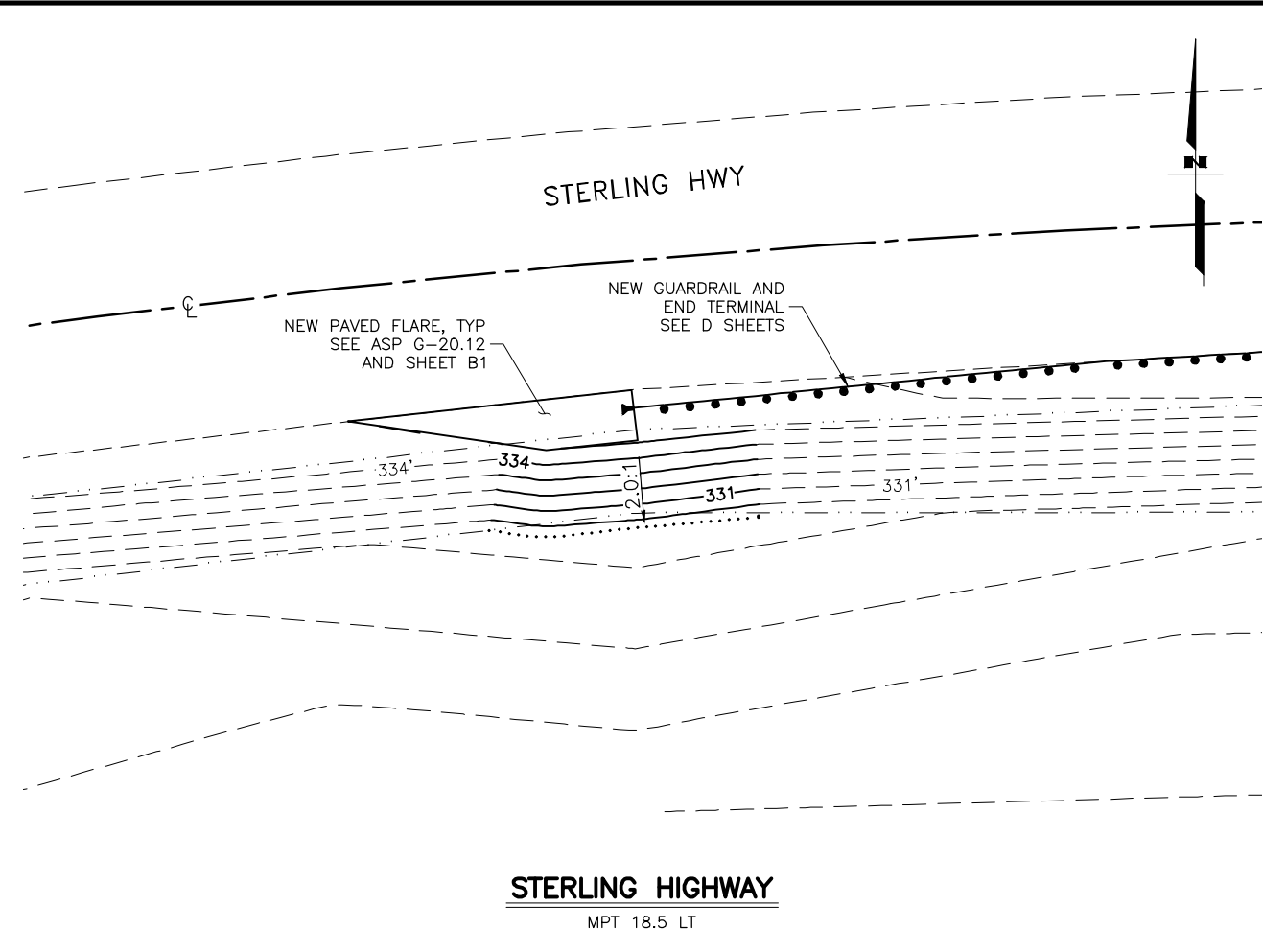


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MARCH, 4 2022

PLANS DEVELOPED BY:
LOUNSBURY & ASSOCIATES INC.

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
HSIP: CR GUARDRAIL
INVENTORY AND UPGRADE
(SOUTH)
HOPE ROAD MPT. 14.9 RT
KENAI SPUR HIGHWAY
MPT. 33.8 LT
SEWARD HIGHWAY
MPT. 54.3 LT

PLANS DEVELOPED BY: LOUNSBURY & ASSOCIATES ADDRESS: 3230 C ST., SUITE 201, ANCHORAGE AK 99503 PHONE: (907) 272-5451 CERTIFICATE OF AUTHORIZATION NUMBER: AECC391
 FILE ID: \\PWS\FILE\DWG\04399\PL-20-001 G SHEETS STERLING.DWG DATE/TIME: 3/4/2022 1:50 PM [LAYOUT] [DESIGNED] [SM] [CHECKED] [JC] [DRAFTED] [DU]



SHEET NO.	TOTAL SHEETS
G10	G11
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
TBD/CFHWY00938	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

STERLING HIGHWAY
MPT 18.5 LT TO 119.2 RT

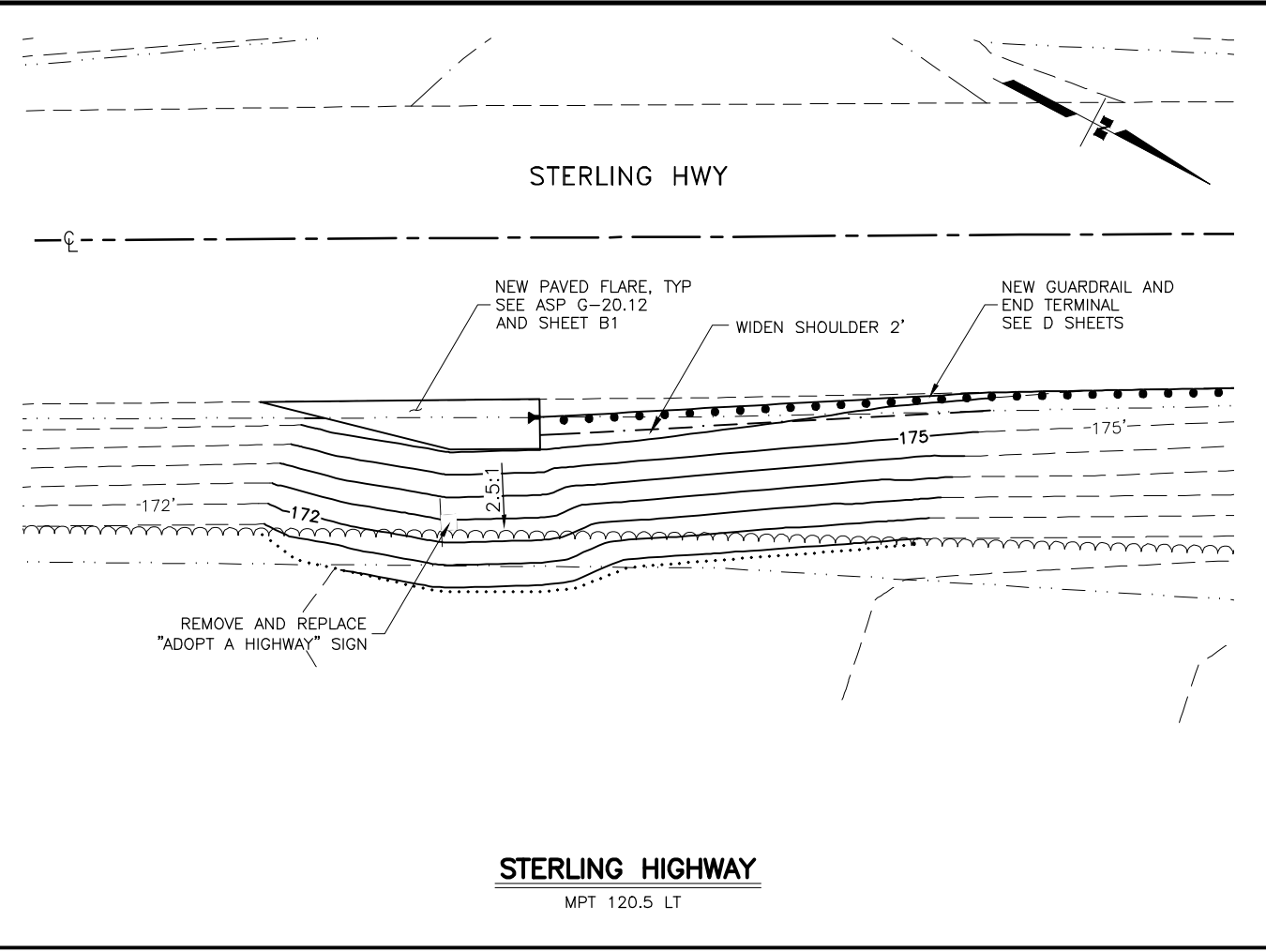
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MARCH, 4 2022

PLANS DEVELOPED BY:
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DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
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INVENTORY AND UPGRADE
(SOUTH)

STERLING HIGHWAY
MPT 18.5 LT TO 119.2 RT

PLANS DEVELOPED BY: LOUNSBURY & ASSOCIATES ADDRESS: 3230 C ST., SUITE 201, ANCHORAGE AK 99503 PHONE: (907) 272-5451 DATE/TIME: 3/4/2022 1:50 PM
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 DRAFTED JC DESIGNED SM CHECKED JC LAYOUT



SHEET NO.	TOTAL SHEETS
G11	G11
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
TBD/CFHWY00938

NO.	REVISION

DRAFT
MARCH, 4 2022

PLANS DEVELOPED BY:
 LOUNSBURY & ASSOCIATES INC.

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
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 (SOUTH)

STERLING HIGHWAY
MPT 120.5 LT