

STATE OF ALASKA

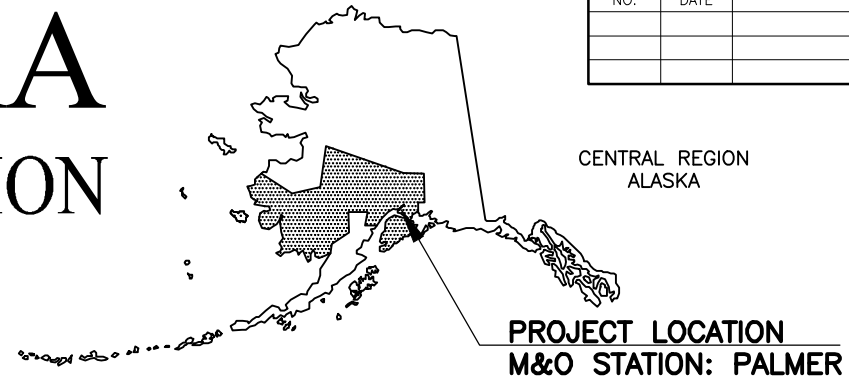
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

PROPOSED HIGHWAY PROJECT

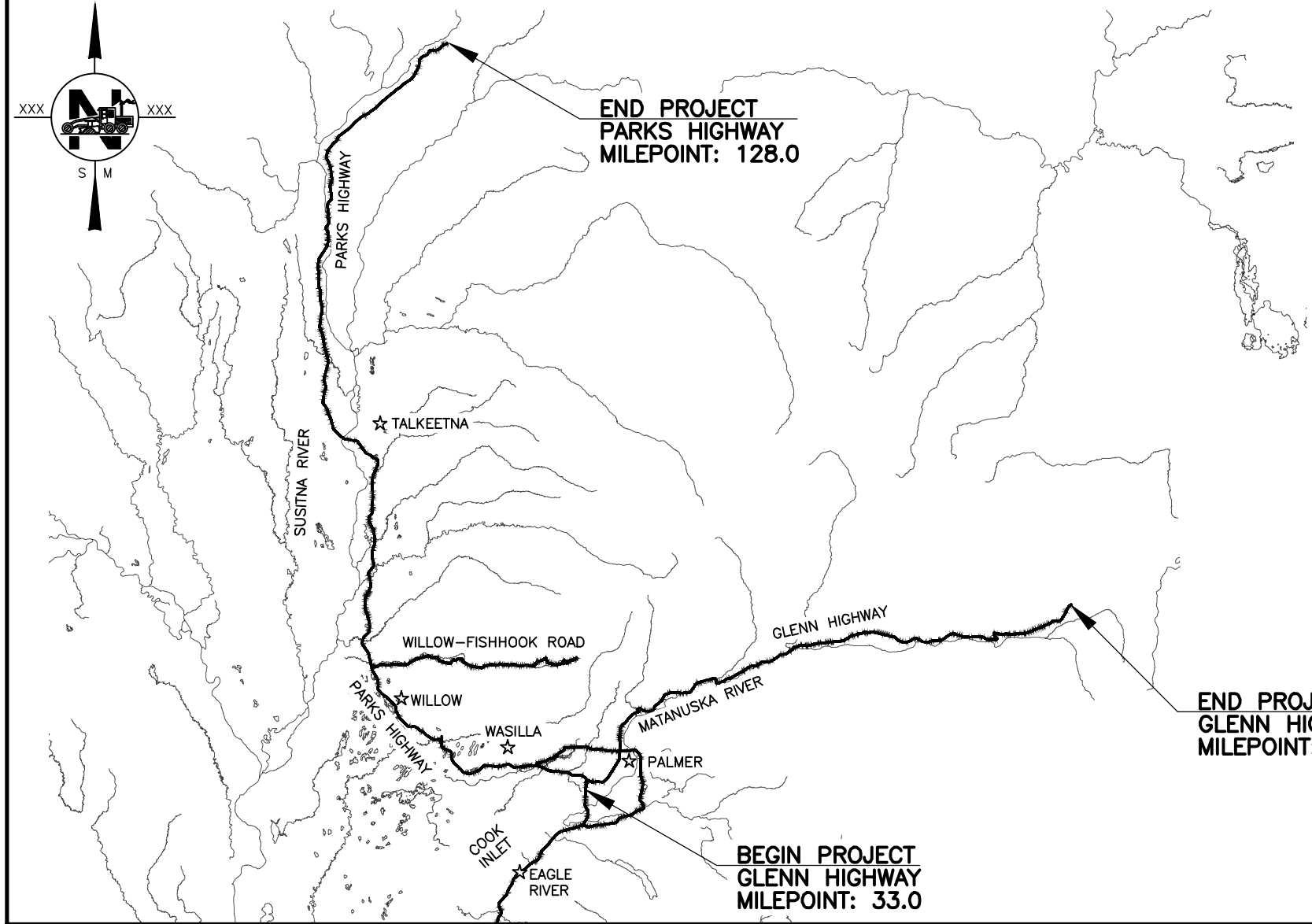
HSIP: CR GUARDRAIL INVENTORY AND UPGRADE (NORTH)

PROJECT NO. TBD/CFHWY00939

CLEARING, GRUBBING, GRADING & ROADSIDE HARDWARE



NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	TBD/CFHWY00939	2022	A1	A3
ROUTE ID	2381095X000	MILEPOINT	3.880 - 10.700				
LATITUDE	61.608938	LONGITUDE	-149.333355				
ROUTE ID	2381026X000	MILEPOINT	0.000 - 10.940				
LATITUDE	61.535416	LONGITUDE	-149.482017				
ROUTE ID	10600001000	MILEPOINT	32.000 - 118.000				
LATITUDE	61.791219	LONGITUDE	-148.429015				
ROUTE ID	2381037X000	MILEPOINT	8.000 - 20.000				
LATITUDE	61.451929	LONGITUDE	-149.747928				
ROUTE ID	2361053X000	MILEPOINT	9.400 - 17.470				
LATITUDE	61.563051	LONGITUDE	-149.043160				
ROUTE ID	2381089X000	MILEPOINT	0.000 - 8.660				
LATITUDE	61.669805	LONGITUDE	-149.219985				
ROUTE ID	11400001000	MILEPOINT	0.000 - 127.93				
LATITUDE	62.147653	LONGITUDE	-150.081153				
ROUTE ID	2381073X000	MILEPOINT	3.830 - 6.000				
LATITUDE	61.614526	LONGITUDE	-149.362010				
ROUTE ID	2421008X000	MILEPOINT	0.000 - 12.320				
LATITUDE	62.202203	LONGITUDE	-150.067128				
ROUTE ID	2361071X000	MILEPOINT	0.450 - 6.080				
LATITUDE	61.571983	LONGITUDE	-149.258943				
ROUTE ID	2401007X000	MILEPOINT	0.000 - 31.480				
LATITUDE	61.779535	LONGITUDE	-149.862157				



PROJECT SUMMARY	
ROADWAY NAME	LENGTH
BOGARD ROAD	6.82 MILES
FAIRVIEW LOOP ROAD	10.94 MILES
GLENN HIGHWAY	75.00 MILES
KNIK GOOSE BAY ROAD	12.00 MILES
OLD GLENN HIGHWAY	8.07 MILES
PALMER-FISHHOOK ROAD	8.66 MILES
PARKS HIGHWAY	120.06 MILES
EAST SELDON EXTENSION	2.17 MILES
TALKEETNA SPUR ROAD	12.32 MILES
TRUNK ROAD	5.63 MILES
WILLOW FISHHOOK ROAD	31.48 MILES

DESIGN DESIGNATIONS	
ROADWAY NAME	DESIGN SPEED
BOGARD ROAD	50 MPH
FAIRVIEW LOOP ROAD	40-50 MPH
GLENN HIGHWAY	45-65 MPH
KNIK GOOSE BAY ROAD	55 MPH
OLD GLENN HIGHWAY	25-55 MPH
PALMER-FISHHOOK ROAD	55 MPH
PARKS HIGHWAY	25-55 MPH
EAST SELDON EXTENSION	50 MPH
TALKEETNA SPUR ROAD	55 MPH
TRUNK ROAD	55 MPH
WILLOW FISHHOOK ROAD	55 MPH

PLANS DEVELOPED BY: LOUNSBURY & ASSOCIATES

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

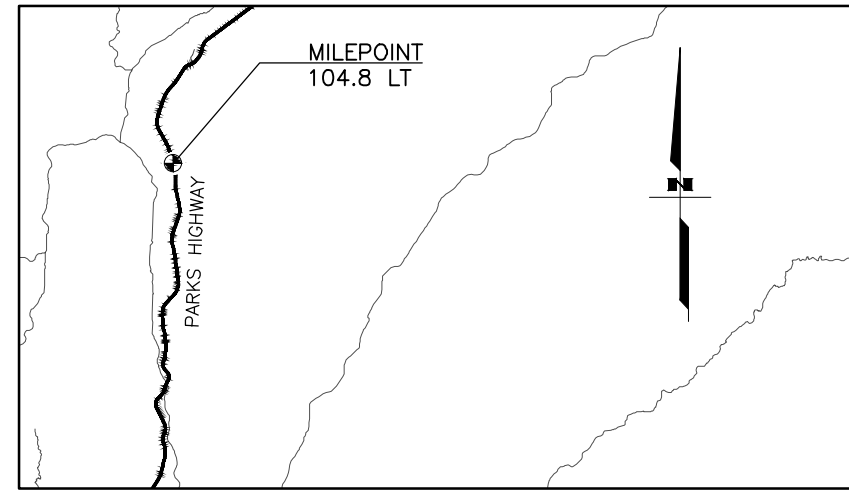
APPROVED:

REGIONAL PRECONSTRUCTION ENGINEER	DATE
CONCUR:	
REGIONAL CONSTRUCTION ENGINEER	DATE

DRAWING LOCATION: D:\PW\SEFILE\DM504398\PL-20-001 A1 COVER NORTH.DWG
 DESIGNED BY: [blank]
 CHECKED BY: [blank]
 DRAFTED BY: [blank]
 SCALE: N/A
 TIME: 12:57 PM
 DATE: 3/4/2022

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\SE\FILE\DWG\04\398\PL-20-001 A2 INDEX NORTH.DWG DATE/TIME: 3/4/2022 1:22 PM [LAYOUT] [DESIGNED] [SA] [CHECKED] [JT] [DRAFTED] [DU]

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	TBD/CFHWY00939	2022	A2	A3

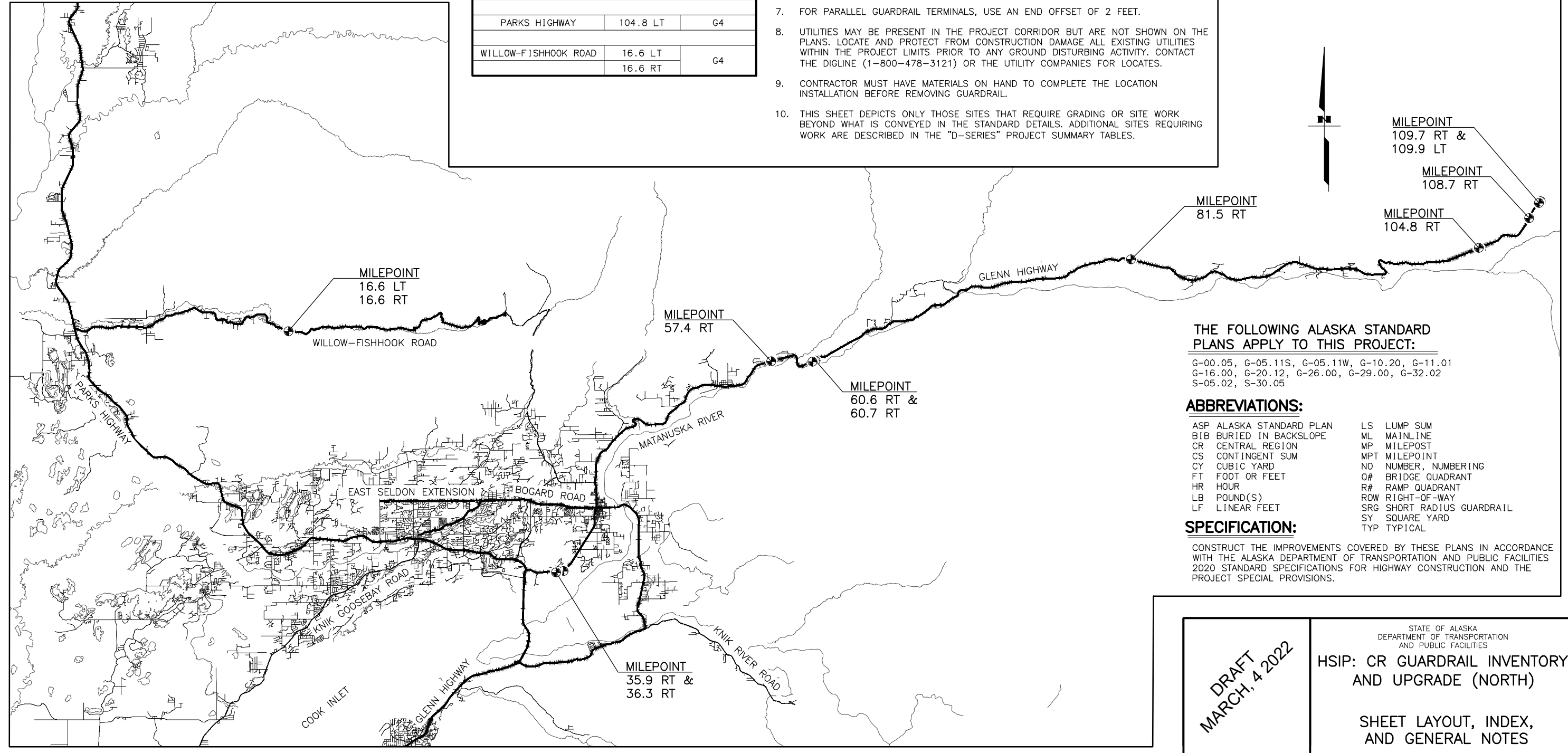


SITE INDEX		
ROADWAY NAME	MILE POINT	SHEET NO.
GLENN HIGHWAY	35.9 RT	G1
	36.3 RT	
	57.4 RT	G2
	60.6 RT	
	60.7 RT	
	81.5 RT	
PARKS HIGHWAY	104.8 RT	G3
	108.7 RT	
	109.7 RT	
WILLOW-FISHHOOK ROAD	109.9 LT	G4
	16.6 LT	
	16.6 RT	

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.

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-G4	GRADING PLANS



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

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	Q# BRIDGE QUADRANT
HR HOUR	R# RAMP QUADRANT
LB POUND(S)	ROW RIGHT-OF-WAY
LF LINEAR FEET	SRG SHORT RADIUS GUARDRAIL
	SY SQUARE YARD
	TYP TYPICAL

SPECIFICATION:

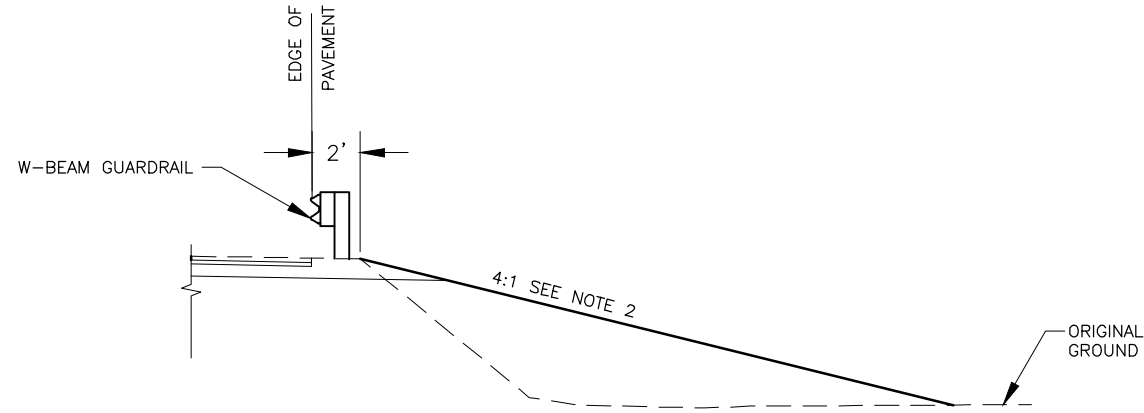
CONSTRUCT THE IMPROVEMENTS COVERED BY THESE PLANS IN ACCORDANCE WITH THE ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES 2020 STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AND THE PROJECT SPECIAL PROVISIONS.

**DRAFT
MARCH, 4 2022**

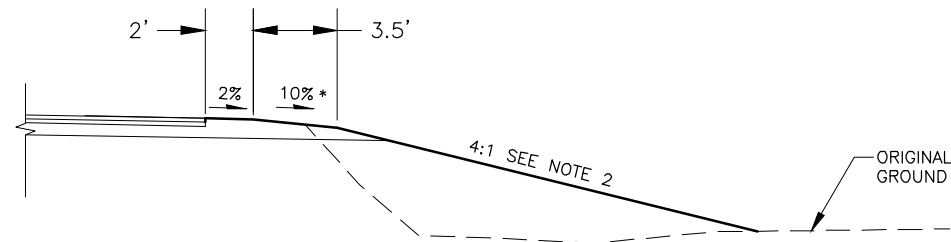
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**HSIP: CR GUARDRAIL INVENTORY
 AND UPGRADE (NORTH)**
 SHEET LAYOUT, INDEX,
 AND GENERAL NOTES

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	TBD/CFHWY00939	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 1:22 PM CERTIFICATE OF AUTHORIZATION NUMBER: AECC391 FILE ID: \P\W\SE\FILE\DWG\04-398\PL-20-001 B SHEETS NORTH.DWG



GUARDRAIL EMBANKMENT SLOPE



END TERMINAL FLARE WIDENING

USE ALTERNATE WIDENING AS SHOWN
IN ASP G-20.12

* SLOPE EXCEPTION TABLE		
ROUTE	MPT	WIDENING SLOPE EXCEPTION (%)
BOGARD ROAD	5.7R	8
GLENN HIGHWAY	59.2L	2
GLENN HIGHWAY	71	5
GLENN HIGHWAY	77.3	4
PALMER-FISHHOOK ROAD	8.3R	2
PALMER-FISHHOOK ROAD	8.4	4
PARKS HIGHWAY	3	5
PARKS HIGHWAY	29.3	2
PARKS HIGHWAY	126.0R	6

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 OTHERWISE SHOWN. SEE GRADING SHEETS.

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

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

TYPICAL SECTIONS

DRAFT
MARCH, 4 2022

PLANS DEVELOPED BY:
LOUNSBURY & ASSOCIATES INC.

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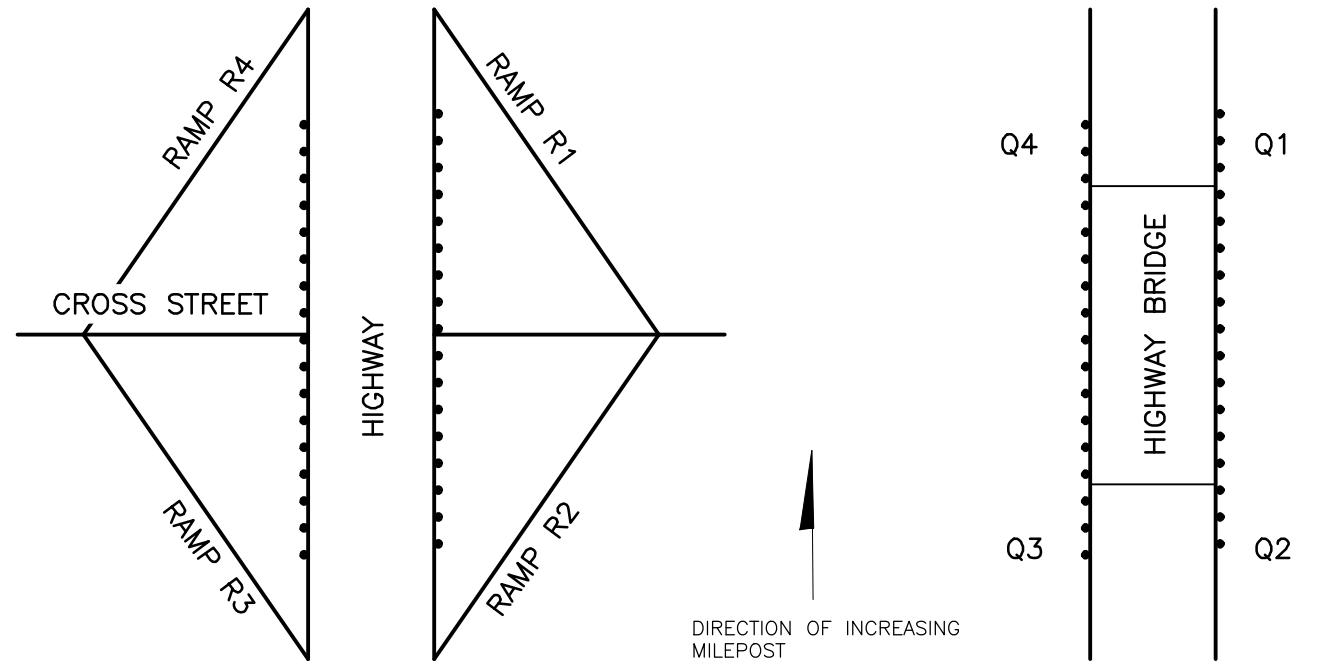
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	TBD/CFHWY00939	2022	C1	C1

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	154
203.0003.0000	UNCLASSIFIED EXCAVATION	CY	2
203.0006.000A	BORROW, TYPE A	TON	530
301.0001.00D1	AGGREGATE BASE COURSE, GRADING D-1	TON	170
401.0001.002A	HMA, TYPE II; CLASS A	TON	100
401.0004.5228	ASPHALT BINDER, GRADE PG 52-28	TON	6
606.0001.0000	W-BEAM GUARDRAIL	LF	145,462
606.0006.0000	REMOVING AND DISPOSING OF GUARDRAIL	LF	140,700
606.0009.0000	SHORT RADIUS GUARDRAIL	EACH	58
606.0013.0000	PARALLEL GUARDRAIL TERMINAL	EACH	294
606.0014.0000	BURIED IN BACKSLOPE GUARDRAIL TERMINAL	EACH	2
606.0016.0000	TRANSITION RAIL	EACH	66
606.2007.000C	CRASH CUSHION, PERMANENT LOW MAINTENANCE AND SELF-RESTORING	EACH	2
618.0002.0000	SEEDING	LB	32
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

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

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

ESTIMATE OF QUANTITIES

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 1:22 PM CERTIFICATE OF AUTHORIZATION NUMBER: AECC391 FILE ID: \P\W\B\FILE\DWG\04\398\PL-20-001 D SHEETS NORTH.DWG

SA [DESIGNED] JT [DRAFTED] DU

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	TBD/CFHWY00939	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	606.2007.0000C	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)		
BOGARD RD.	4.1	4.2		LT	528	525.0	2							3	
BOGARD RD.	4.1	4.2		RT	528	525.0	1							3	REPLACE OPPOSING TERMINAL
BOGARD RD.	4.7	4.8		LT	696	700.0		2						3	
BOGARD RD.	4.9	5.1		LT	871	875.0		2						5	
BOGARD RD.	4.9	5.0		RT	340	412.5			1			APPROACHING	75	3	
BOGARD RD.	5.7	5.8		LT	66	162.5		2				APPROACHING	100	4	
BOGARD RD.	5.7	5.8		RT		100.0		2				APPROACHING	100	3	
BOGARD RD.	7.3	7.4		LT				2							
BOGARD RD.	7.4	7.6		LT	1056	1050.0		1				APPROACHING	37.5		
BOGARD RD.	8.6	8.7		RT	528	525.0	1	1						3	
BOGARD RD.	9.3	9.4		LT	528	625.0		2				APPROACHING	100	3	
BOGARD RD.	10.6	10.7		LT				2							
BOGARD RD.	10.7	10.8		LT				2							
FAIRVIEW LOOP	0.0	0.0		RT	75	75.0	1								REPLACE RAIL FROM TERMINAL AROUND CURVE
FAIRVIEW LOOP	1.3	1.3		LT	264	262.5		2						3	
FAIRVIEW LOOP	5.3	5.4		LT	528	525.0		1						5	REPLACE APPROACHING TERMINAL
GLENN HWY	32.7	32.8		RT		100.0		1				APPROACHING	100	3	
GLENN HWY	32.8	32.8		MEDIAN	264	262.5		1			1			3	
GLENN HWY	32.8	32.9		LT	528	525.0		1						3	REPLACE APPROACHING TERMINAL
GLENN HWY	33.0	33.1		RT	528	525.0								3	
GLENN HWY	33.0	33.1		MEDIAN	528	525.0		1						3	REPLACE NORTH TERMINAL
GLENN HWY	33.6	33.6		LT				1		1					
GLENN HWY	33.6	33.6		RT				1		1					
GLENN HWY	33.6	33.7		LT	528	525.0				2				3	NORTHBOUND
GLENN HWY	33.6	33.7	ML-SB	LT	528	525.0								3	
GLENN HWY	33.6	33.7	R3	RT	528	525.0								5	NORTHBOUND
GLENN HWY	33.6	33.7	ML-NB	MEDIAN				1							
GLENN HWY	33.7	33.7	ML-SB	MEDIAN	264	262.5								3	
GLENN HWY	33.8	33.9	ML-NB	RT	528	525.0								5	
GLENN HWY	33.8	33.9	ML-NB	MEDIAN						1					
GLENN HWY	33.8	33.9	ML-SB	MEDIAN	528	525.0				2				5	
GLENN HWY	33.8	34.1	R4	RT	1584	1587.5								5	
GLENN HWY	33.8	34.0	R4	LT	1056	1050.0								3	STOP AT CRT AT CONNECTION TO PARKS HWY
GLENN HWY	33.8	33.8	R5	MEDIAN				1							
GLENN HWY	33.8	33.9	ML-SB	LT	528	525.0				2				5	

DRAFT
MARCH, 4 2022

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

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

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 1:22 PM CERTIFICATE OF AUTHORIZATION NUMBER: AECC391 FILE ID: \P\W\SE\FILE\DWG\04\398\PL-20-001 D SHEETS NORTH.DWG

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

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	TBD/CFHWY00939	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	606.2007.0000C	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)		
GLENN HWY	50.0	50.5		RT				1							REPLACE APPROACHING TERMINAL
GLENN HWY	50.5	50.8		RT			1								
GLENN HWY	52.4	52.6		RT	1056	1050.0		2						5	
GLENN HWY	57.4	57.5		RT	140	225.0		2				APPROACHING	87.5	3	
GLENN HWY	57.4	57.5		LT	139	187.5		2				APPROACHING	50	3	
GLENN HWY	58.3	58.4		RT	787	787.5		2						3	
GLENN HWY	58.5	58.6		RT	261	262.5		2						3	
GLENN HWY	59.1	59.1		LT	30	25.0		1		1				3	
GLENN HWY	59.1	59.1		RT	30	212.5		1		1		APPROACHING	187.5	3	
GLENN HWY	59.2	59.2		LT	31	112.5		1		1		APPROACHING	87.5	3	
GLENN HWY	59.2	59.2		RT	32	37.5		1		1				3	
GLENN HWY	59.4	59.5		RT	528	525.0		2						5	
GLENN HWY	60.5	60.6		RT	235	562.5		2				APPROACHING	100	5	
GLENN HWY	60.7	60.8		RT	528	700.0		1				OPPOSING	225		
GLENN HWY	60.9	61.0		RT	528	525.0		1				APPROACHING	175	5	
														3	REPLACE APPROACHING TERMINAL
GLENN HWY	61.2	61.3		RT	353	350.0		2						5	
GLENN HWY	61.3	61.4		RT	241	237.5		2						3	
GLENN HWY	61.7	61.8		RT	528	525.0		1						5	REPLACE APPROACHING TERMINAL
GLENN HWY	68.0	68.7		RT	3877	3875.0		2						5	
GLENN HWY	69.4	69.6		RT	1016	1012.5		2						3	
GLENN HWY	69.9	70.5		RT	3168	3162.5		1						5	
GLENN HWY	70.6	70.6		RT	264	262.5								3	
GLENN HWY	71.0	71.3		RT	1560	1637.5		2				APPROACHING	75	5	
GLENN HWY	77.3	77.9		RT	3140	3325.0		2				APPROACHING	187.5	5	
GLENN HWY	81.5	81.5	Q4	LT				1							
GLENN HWY	81.5	81.5	Q3	LT		25.0		1		1		OPPOSING	25	4	
GLENN HWY	81.5	81.5	Q2	RT		125.0		1		1		APPROACHING	125	3	
GLENN HWY	81.5	81.5	Q1	RT		50.0			1	1		OPPOSING	50	5	

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

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

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 CERTIFICATE OF AUTHORIZATION NUMBER: AECC391
 FILE ID: \P\W\SE\FILE\DWG\04\398\PL-20-001 D SHEETS NORTH.DWG DATE/TIME: 3/4/2022 1:22 PM LAYOUT: --- DESIGNED: SA CHECKED: JT DRAFTED: DU

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	TBD/CFHWY00939	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)		
GLENN HWY	50.0	50.5		RT				1							REPLACE APPROACHING TERMINAL
GLENN HWY	50.5	50.8		RT			1								
GLENN HWY	52.4	52.6		RT	1056	1050.0		2						5	
GLENN HWY	57.4	57.5		RT	140	225.0		2				APPROACHING	87.5	3	
GLENN HWY	57.4	57.5		LT	139	187.5		2				APPROACHING	50	3	
GLENN HWY	58.3	58.4		RT	787	787.5		2						3	
GLENN HWY	58.5	58.6		RT	261	262.5		2						3	
GLENN HWY	59.1	59.1		LT	30	25.0		1		1				3	
GLENN HWY	59.1	59.1		RT	30	212.5		1		1		APPROACHING	187.5	3	
GLENN HWY	59.2	59.2		LT	31	112.5		1		1		APPROACHING	87.5	3	
GLENN HWY	59.2	59.2		RT	32	37.5		1		1				3	
GLENN HWY	59.4	59.5		RT	528	525.0		2						5	
GLENN HWY	60.5	60.6		RT	235	562.5		2				APPROACHING	100	5	
GLENN HWY	60.7	60.8		RT	528	700.0		1				OPPOSING	225	5	
GLENN HWY	60.9	61.0		RT	528	525.0		1				APPROACHING	175	3	REPLACE APPROACHING TERMINAL
GLENN HWY	61.2	61.3		RT	353	350.0		2						5	
GLENN HWY	61.3	61.4		RT	241	237.5		2						3	
GLENN HWY	61.7	61.8		RT	528	525.0		1						5	REPLACE APPROACHING TERMINAL
GLENN HWY	68.0	68.7		RT	3877	3875.0		2						5	
GLENN HWY	69.4	69.6		RT	1016	1012.5		2						3	
GLENN HWY	69.9	70.5		RT	3168	3162.5		1						5	
GLENN HWY	70.6	70.6		RT	264	262.5								3	
GLENN HWY	71.0	71.3		RT	1560	1637.5		2				APPROACHING	75	5	
GLENN HWY	77.3	77.9		RT	3140	3325.0		2				APPROACHING	187.5	5	
GLENN HWY	81.5	81.5	Q4	LT				1							
GLENN HWY	81.5	81.5	Q3	LT		25.0		1		1		OPPOSING	25	4	
GLENN HWY	81.5	81.5	Q2	RT		125.0		1		1		APPROACHING	125	3	
GLENN HWY	81.5	81.5	Q1	RT		50.0			1	1		OPPOSING	50	5	

DRAFT
MARCH, 4 2022

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

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

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 1:22 PM CERTIFICATE OF AUTHORIZATION NUMBER: AECC391 FILE ID: \P\W\B\FILE\DWG\04\398\PL-20-001 D SHEETS NORTH.DWG

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 JT
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 LAYOUT

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	TBD/CFHWY00939	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)		
GLENN HWY	81.5	81.5	Q4	LT				1							
GLENN HWY	81.5	81.5	Q3	LT		25.0		1		1		OPPOSING	25	4	
GLENN HWY	81.5	81.5	Q2	RT		125.0		1		1		APPROACHING	125	3	
GLENN HWY	81.5	81.5	Q1	RT		50.0			1	1		OPPOSING	50	5	
GLENN HWY	92.7	92.8		RT	690	750.0		2				APPROACHING	62.5	3	
GLENN HWY	92.9	93.6		RT	3502	3587.5		2				APPROACHING	87.5	3	
GLENN HWY	93.6	93.7		RT			1								REPLACE APPROACHING TERMINAL
GLENN HWY	94.4	94.5		RT		75.0		1				APPROACHING	75	3	
GLENN HWY	94.5	94.8		RT	1584	1587.5								3	
GLENN HWY	95.0	95.3		RT	1584	1587.5	1							3	REPLACE OPPOSING TERMINAL
GLENN HWY	95.3	95.5		RT				1							REPLACE OPPOSING TERMINAL
GLENN HWY	95.6	95.8		RT		162.5						APPROACHING	162.5		
GLENN HWY	96.3	96.8		RT	2518	2512.5	1	1							
GLENN HWY	96.8	97.1		RT	1748	1750.0		2						3	
GLENN HWY	97.6	97.7		RT	528	525.0	2							3	
GLENN HWY	98.4	98.5		LT	528	525.0								3	
GLENN HWY	98.6	98.7		LT				1							
GLENN HWY	98.6	98.7		RT	528	525.0				1				5	
GLENN HWY	98.7	98.7		RT	264	162.5		2						3	
GLENN HWY	99.1	99.2		RT	34	37.5		1		1				3	
GLENN HWY	99.8	100.2		RT	2303	2350.0		2				APPROACHING	50	3	
GLENN HWY	100.6	100.7		RT				1							REPLACE APPROACHING TERMINAL
GLENN HWY	101.5	101.6		LT	528	525.0		2						5	
GLENN HWY	101.6	101.7		LT	515	512.5	1	1						5	
GLENN HWY	101.6	101.6		RT	279	375.0		2				OPPOSING	100	3	
GLENN HWY	102.6	102.7		RT	564	562.5		2						3	
GLENN HWY	103.6	103.7		LT				2							
GLENN HWY	103.6	103.7		RT	528	525.0		2						3	

DRAFT
MARCH, 4 2022

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

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

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 1:22 PM CERTIFICATE OF AUTHORIZATION NUMBER: AECC391 FILE ID: \P\W\SE\FILE\DWG\04\398\PL-20-001 D SHEETS NORTH.DWG

SA [DESIGNED] JT [DRAFTED] DU

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	TBD/CFHWY00939	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)		
GLENN HWY	104.2	104.3		RT				1							REPLACE OPPOSING TERMINAL
GLENN HWY	104.8	104.9		RT	104	137.5		2				APPROACHING	37.5	3	
GLENN HWY	104.9	104.9		LT				2							
GLENN HWY	106.0	106.0		LT	115	150.0		2				APPROACHING	37.5	3	
GLENN HWY	106.0	106.0		RT		62.5		2				APPROACHING	62.5	3	
GLENN HWY	106.3	106.4		RT	503	650.0		2				APPROACHING	150	3	
GLENN HWY	107.2	107.2		RT		75.0		2				APPROACHING	75	5	
GLENN HWY	107.4	107.5		LT	591	762.5		2				APPROACHING	175	3	
GLENN HWY	108.7	108.7		LT	213	337.5		2				APPROACHING	125	3	
GLENN HWY	108.7	108.7		RT		75.0		1				APPROACHING	75	5	
GLENN HWY	109.7	110.0		RT	1584	1612.5		1				APPROACHING	25	5	
GLENN HWY	109.8	109.9		LT	528	650.0		1				APPROACHING	125	3	
KNIK GOOSE BAY RD.	12.2	12.5		RT	1584	1487.5		2						3	
KNIK GOOSE BAY RD.	12.3	12.5		LT	1056	1050.0		2						3	
KNIK GOOSE BAY RD.	13.1	13.3		LT	1238	1237.5		2						3	
KNIK GOOSE BAY RD.	13.4	13.4		LT	264	275.0	1	1				APPROACHING	87.5	3	
KNIK GOOSE BAY RD.	13.7	13.8		RT				2						3	
KNIK GOOSE BAY RD.	13.7	13.9		LT	684	687.5		2						3	
KNIK GOOSE BAY RD.	16.0	16.1		LT			1	1							
OLD GLENN HWY	13.0	13.2		RT	1056	1137.5		1				APPROACHING	87.5	3	
OLD GLENN HWY	13.2	13.4		RT	1056	1050.0	2							3	
OLD GLENN HWY	13.4	13.6		RT	1056	1050.0	1							3	REPLACE APPROACHING TERMINAL
OLD GLENN HWY	13.6	13.8		RT	1056	1050.0	2							3	
OLD GLENN HWY	13.8	14.0		RT	1056	1050.0								3	
OLD GLENN HWY	15.0	15.4		LT	2112	2112.5		2						3	
OLD GLENN HWY	15.9	15.9		RT	264	262.5	1	1						3	
OLD GLENN HWY	16.8	16.8		LT				1							
OLD GLENN HWY	16.8	16.8		RT	264	262.5		1						3	
OLD GLENN HWY	16.9	17.1		LT	1056	1125.0		1		1		APPROACHING	75	3	
OLD GLENN HWY	16.9	17.0		RT				1		1					
OLD GLENN HWY	17.3	17.4		RT	528	525.0		1						3	

DRAFT
MARCH, 4 2022

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

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

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\SE\FILE\DWG\04\398\PL-20-001 D SHEETS NORTH.DWG DATE/TIME: 3/4/2022 1:22 PM LAYOUT: --- DESIGNED: SA CHECKED: JT DRAFTED: DU

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	TBD/CFHWY00939	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)		
PALMER-FISHHOOK RD.	2.6	2.7		LT				2							
PALMER-FISHHOOK RD.	3.1	3.2		LT			1	1							
PALMER-FISHHOOK RD.	3.1	3.2		RT	390	387.5	1	1						3	
PALMER-FISHHOOK RD.	8.3	8.4		LT				1							
PALMER-FISHHOOK RD.	8.3	8.4		RT		37.5		1				APPROACHING	37.5	3	
PALMER-FISHHOOK RD.	8.4	8.4		LT		62.5		1				APPROACHING	62.5	3	
PALMER-FISHHOOK RD.	8.4	8.4		RT				1		1					
PARKS HWY	0.0	0.0	ML-NB	MEDIAN						1					
PARKS HWY	0.0	0.2	ML-NB	RT	1056	1050.0		1						3	
PARKS HWY	0.0	0.1	ML-SB	MEDIAN	528	525.0				1				3	
PARKS HWY	0.0	0.3	ML-SB	LT	1584	1587.5		1		1				3	
PARKS HWY	0.0	0.0		LT											
PARKS HWY	0.1	0.2	R1	RT	2225	2225.0		1						3	SOME ELEMENTS OF THE GUARDRAIL SEGMENT ARE ON GLENN HWY
PARKS HWY	0.9	1	ML-NB	MEDIAN	250	375.0		1				APPROACHING	125	3	
PARKS HWY	0.9	1	ML-SB	MEDIAN		100.0		2				APPROACHING	100	3	
PARKS HWY	1.1	1.1	R4	RT				1							
PARKS HWY	2.2	2.4	ML-SB	LT				2							CONTINUES ONTO R3
PARKS HWY	2.4	2.4	R3	RT	264	262.5								3	
PARKS HWY	2.4	2.6	ML-SB	LT	1056	1050.0		1		1				3	
PARKS HWY	2.5	2.6	ML-SB	MEDIAN						1					
PARKS HWY	2.6	2.9	ML-SB	LT	1584	1587.5				1				3	
PARKS HWY	2.6	2.6	ML-NB	MEDIAN						1					
PARKS HWY	2.6	2.6	ML-SB	MEDIAN				1		1					
PARKS HWY	2.6	2.6	R1	RT				1							
PARKS HWY	2.7	2.7	R1	LT				1							
PARKS HWY	3.9	4.1	ML-NB	MEDIAN						1					
PARKS HWY	3.9	4.4	ML-SB	MEDIAN						1					
PARKS HWY	4.0	4.1	ML-NB	RT	528	525.0				1				3	
PARKS HWY	4.1	4.1	ML-SB	LT						1					
PARKS HWY	4.2	4.3	ML-NB	RT	528	525.0		1		1				3	
PARKS HWY	4.2	4.4	ML-SB	LT	1056	1050.0		1						3	
PARKS HWY	4.2	4.5	R4	LT				1							REPLACE OPPOSING TERMINAL
PARKS HWY	4.5	4.5		MEDIAN							1				
PARKS HWY	23.0	23.0		LT	264	262.5		1						3	REPLACE OPPOSING TERMINAL

DRAFT
MARCH, 4 2022

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

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

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 1:22 PM CERTIFICATE OF AUTHORIZATION NUMBER: AECC391

FILE ID: \P\W\SE\FILE\DWG\04\398\PL-20-001 D SHEETS NORTH.DWG

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

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	TBD/CFHWY00939	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)		
PARKS HWY	24.7	24.9		LT	852	850.0		2						3	
PARKS HWY	26.4	26.6		LT	1015	1112.5	1	1				APPROACHING	100	3	
PARKS HWY	27.0	27.0		LT				2							
PARKS HWY	29.3	29.4		RT		25.0		2				APPROACHING	25	3	
PARKS HWY	29.3	29.4		LT	528	525.0		2						3	
PARKS HWY	30.0	30.0		LT	300	300.0		2						3	
PARKS HWY	30.9	31.0		RT	665	662.5		1						5	
PARKS HWY	30.9	31.0		LT	630	625.0								3	
PARKS HWY	31.1	31.2		RT	790	787.5		1						3	
PARKS HWY	31.1	31.3		LT	1056	1050.0								3	
PARKS HWY	32.7	32.8		RT	567	562.5		1						3	REPLACE APPROACHING TERMINAL
PARKS HWY	33.0	33.2		RT	1056	1050.0	1	1						3	
PARKS HWY	36.0	36.1		RT	280	275.0	1							3	
PARKS HWY	36.1	36.1		LT				1		1					
PARKS HWY	36.2	36.2		RT				1		1					
PARKS HWY	36.2	36.2		LT	264	262.5		1						3	
PARKS HWY	39.3	39.3		RT				1		1					
PARKS HWY	39.3	39.4		RT				1		1					
PARKS HWY	39.3	39.3		LT	190	187.5		1		1				3	
PARKS HWY	39.3	39.4		LT	210	212.5	1			1				3	
PARKS HWY	45.6	46.0		RT	2112	2112.5		2						3	
PARKS HWY	45.7	45.8		LT	528	525.0	2							3	
PARKS HWY	45.8	45.9		LT	528	525.0	1	1						3	
PARKS HWY	47.7	47.8		RT	255	250.0		1		1				3	
PARKS HWY	47.7	47.8		LT				1		1					
PARKS HWY	47.8	47.9		RT						1					
PARKS HWY	47.8	47.8		LT			1			1					
PARKS HWY	49.6	49.8		LT	1056	1050.0	1	1						3	
PARKS HWY	49.6	49.8		RT			1	1							
PARKS HWY	50.1	50.2		LT	528	525.0	2							3	
PARKS HWY	50.1	50.2		RT	528	525.0	2							3	

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

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

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 CERTIFICATE OF AUTHORIZATION NUMBER: AECC391
 FILE ID: \P\W\B\FILE\DWG\04\398\PL-20-001 D SHEETS NORTH.DWG DATE/TIME: 3/4/2022 1:22 PM LAYOUT: --- DESIGNED: SA CHECKED: JT DRAFTED: DU

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	TBD/CFHWY00939	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)		
PARKS HWY	64.7	64.9		RT	860	862.5		1		1				3	
PARKS HWY	64.7	64.8		LT						1					
PARKS HWY	64.9	65.0		RT	528	525.0				1				3	
PARKS HWY	64.9	65.0		LT	528	525.0		1						3	
PARKS HWY	68.6	68.6		RT	270	275.0		1		1				3	
PARKS HWY	68.6	68.6		LT	305	300.0		1		1				3	
PARKS HWY	68.8	69.0		RT	1030	1025.0		1		1				3	
PARKS HWY	68.8	69.0		LT	1100	1100.0		1		1				3	
PARKS HWY	70.1	70.4		RT	1015	1012.5		2						5	
PARKS HWY	70.2	70.4		LT	1079	1075.0		2						5	
PARKS HWY	74.2	74.3		LT	528	525.0		1						3	REPLACE OPPOSING TERMINAL
PARKS HWY	74.2	74.3		RT				2							
PARKS HWY	77.2	77.3		LT	516	512.5		2						3	
PARKS HWY	80.1	80.4		LT				2							
PARKS HWY	80.1	80.3		RT	1056	1050.0	1							5	REPLACE APPROACHING TERMINAL
PARKS HWY	82.1	82.2		RT	618	525.0		2						3	
PARKS HWY	82.1	82.2		LT				2							
PARKS HWY	83.9	84.1		RT	1056	1050.0		1						3	REPLACE APPROACHING TERMINAL
PARKS HWY	84.0	84.1		LT	466	462.5		2						3	
PARKS HWY	85.6	85.7		RT	696	700.0		2						3	
PARKS HWY	85.7	85.8		LT				2							
PARKS HWY	88.6	88.7		RT				1							REPLACE OPPOSING TERMINAL
PARKS HWY	89.2	89.3		RT				1							REPLACE OPPOSING TERMINAL
PARKS HWY	90.4	90.5		LT				1							REPLACE OPPOSING TERMINAL
PARKS HWY	90.6	90.8		RT	896	1050.0	1	1						5	
PARKS HWY	90.7	90.8		LT				1							REPLACE APPROACHING TERMINAL
PARKS HWY	91.6	91.8		RT	817	812.5		2						3	
PARKS HWY	91.7	91.8		LT	528	525.0								3	
PARKS HWY	93.1	93.3		RT				1							REPLACE OPPOSING TERMINAL
PARKS HWY	93.2	93.4		LT	1056	1050.0		2						5	

DRAFT
MARCH, 4 2022

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

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

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 1:22 PM CERTIFICATE OF AUTHORIZATION NUMBER: AECC391 FILE ID: \P\W\SE\FILE\DWG\04\398\PL-20-001 D SHEETS NORTH.DWG

SA [CHECKED] JT DRAFTED DU

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	TBD/CFHWY00939	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	606.2007.0000	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)		
PARKS HWY	96.6	96.9		RT	1584	1587.5		2						5	
PARKS HWY	96.7	96.9		LT	1056	1050.0	1	1						3	
PARKS HWY	97.1	97.3		RT			2								
PARKS HWY	97.4	97.5		RT	528	525.0		1		1				3	
PARKS HWY	97.4	97.5		LT				1		1					
PARKS HWY	97.6	97.6		RT			1			1					
PARKS HWY	97.6	97.7		LT						1					
PARKS HWY	97.7	97.8		LT			1	1							
PARKS HWY	97.8	97.8		RT	176	175.0	1	1						3	
PARKS HWY	97.9	98.3		LT				1							REPLACE OPPOSING TERMINAL
PARKS HWY	98.4	99.0		LT			1								REPLACE APPROACHING TERMINAL
PARKS HWY	99.0	99.1		LT	528	525.0	1							3	REPLACE APPROACHING TERMINAL
PARKS HWY	99.2	99.2		LT	264	262.5	2							3	
PARKS HWY	99.6	99.8		LT	1056	1050.0		1						5	REPLACE OPPOSING TERMINAL
PARKS HWY	100.4	100.6		RT				2							
PARKS HWY	100.5	100.7		LT	1056	1050.0								5	
PARKS HWY	100.7	100.8		LT	528	525.0	1							5	REPLACE APPROACHING TERMINAL
PARKS HWY	100.7	100.8		RT				1							REPLACE APPROACHING TERMINAL
PARKS HWY	102.0	102.1		RT	600	600.0		1		1				3	
PARKS HWY	102.0	102.1		LT						1					
PARKS HWY	102.1	102.2		RT				1		1					
PARKS HWY	102.1	102.2		LT	528	525.0		1		1				3	
PARKS HWY	104.6	104.8		LT	866	1175.0	1	1				APPROACHING	125	5	
PARKS HWY	104.6	104.8		RT				1							REPLACE OPPOSING TERMINAL
PARKS HWY	108.6	108.6		LT				1							
PARKS HWY	108.7	108.7		RT	245	250.0	1							3	
PARKS HWY	108.7	108.7		LT			1			1					
PARKS HWY	124.6	124.6		LT				2							
PARKS HWY	124.6	124.6		RT	265	262.5	1	1						3	
PARKS HWY	125.7	125.9		LT	1056	1050.0		1						3	REPLACE OPPOSING TERMINAL
PARKS HWY	126.0	126.2		RT	1056	1100.0		2				APPROACHING	50	3	
PARKS HWY	126.0	126.2		LT	1056	1050.0		2						5	

DRAFT
MARCH, 4 2022

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

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

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\398\PL-20-001 D SHEETS NORTH.DWG

DATE/TIME 3/4/2022 1:22 PM

DESIGNED SA

CHECKED JT DRAFTED DU

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	TBD/CFHWY00939	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)		
PARKS HWY	127.0	127.1		LT	528	525.0	1	1						3	
PARKS HWY	127.9	128.0		RT	1305	1300.0		1		1				3	
PARKS HWY	127.9	128.0		LT	165	162.5		1		1				3	
PARKS HWY	128.0	128.1		RT	455	450.0		1		1				3	
PARKS HWY	128.0	128.1		LT	390	387.5		1		1				3	
E SELDON EXTENSION	4.9	5.0		RT				1							REPLACE OPPOSING TERMINAL
TALKEETNA SPUR RD.	5.1	5.5		LT				2							
TRUNK RD.	0.8	0.9		LT	528	525.0								3	
TRUNK RD.	0.8	0.9		RT	520	525.0		2						3	
WILLOW-FISHHOOK RD.	16.6	16.6	Q3	LT				1							
WILLOW-FISHHOOK RD.	16.6	16.6	Q4	LT	25	150.0		1				APPROACHING	125	4	
WILLOW-FISHHOOK RD.	16.6	16.6	Q2	RT				1		1					
WILLOW-FISHHOOK RD.	16.6	16.6	Q1	RT		75.0		1				OPPOSING	75	4	
WILLOW-FISHHOOK RD.	21.7	21.8		LT				2							
WILLOW-FISHHOOK RD.	26.2	26.3		RT	528	525.0		1						3	REPLACE OPPOSING TERMINAL
WILLOW-FISHHOOK RD.	30.3	30.3		LT				1							
WILLOW-FISHHOOK RD.	30.3	30.3		LT				1		1					
WILLOW-FISHHOOK RD.	30.7	30.7		RT			1	1							
WILLOW-FISHHOOK RD.	30.7	30.8		LT	92	87.5	1	1						4	
WILLOW-FISHHOOK RD.	31.0	31.2		RT				2							
TOTAL:					140,700.0	145,462.5	58	294	2	66	2				

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MARCH, 4 2022

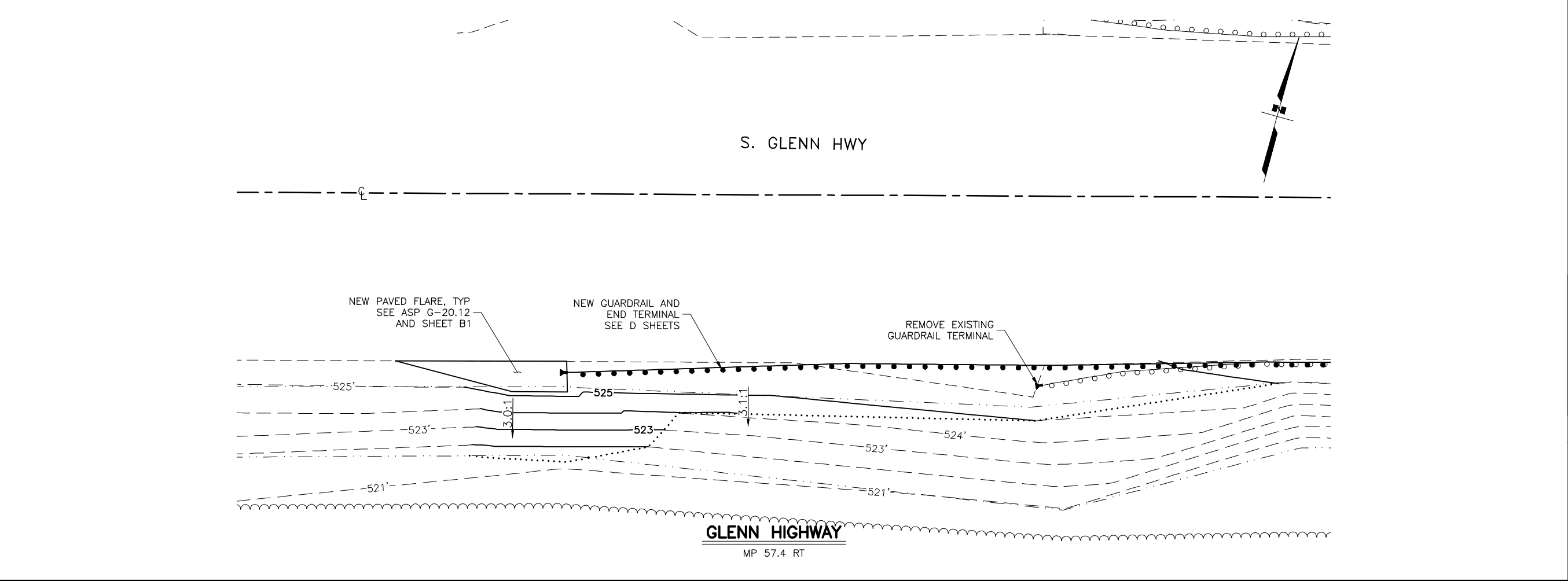
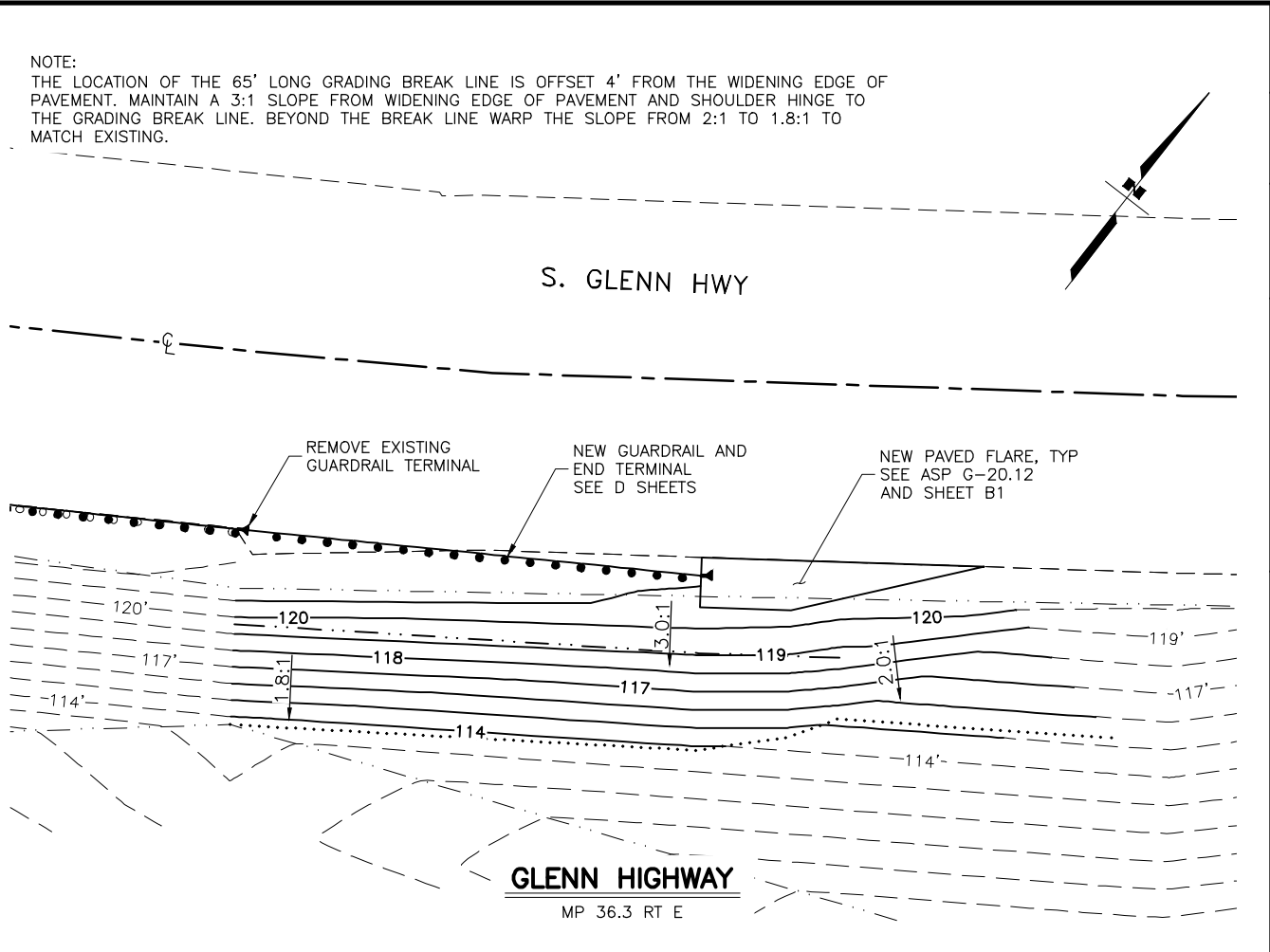
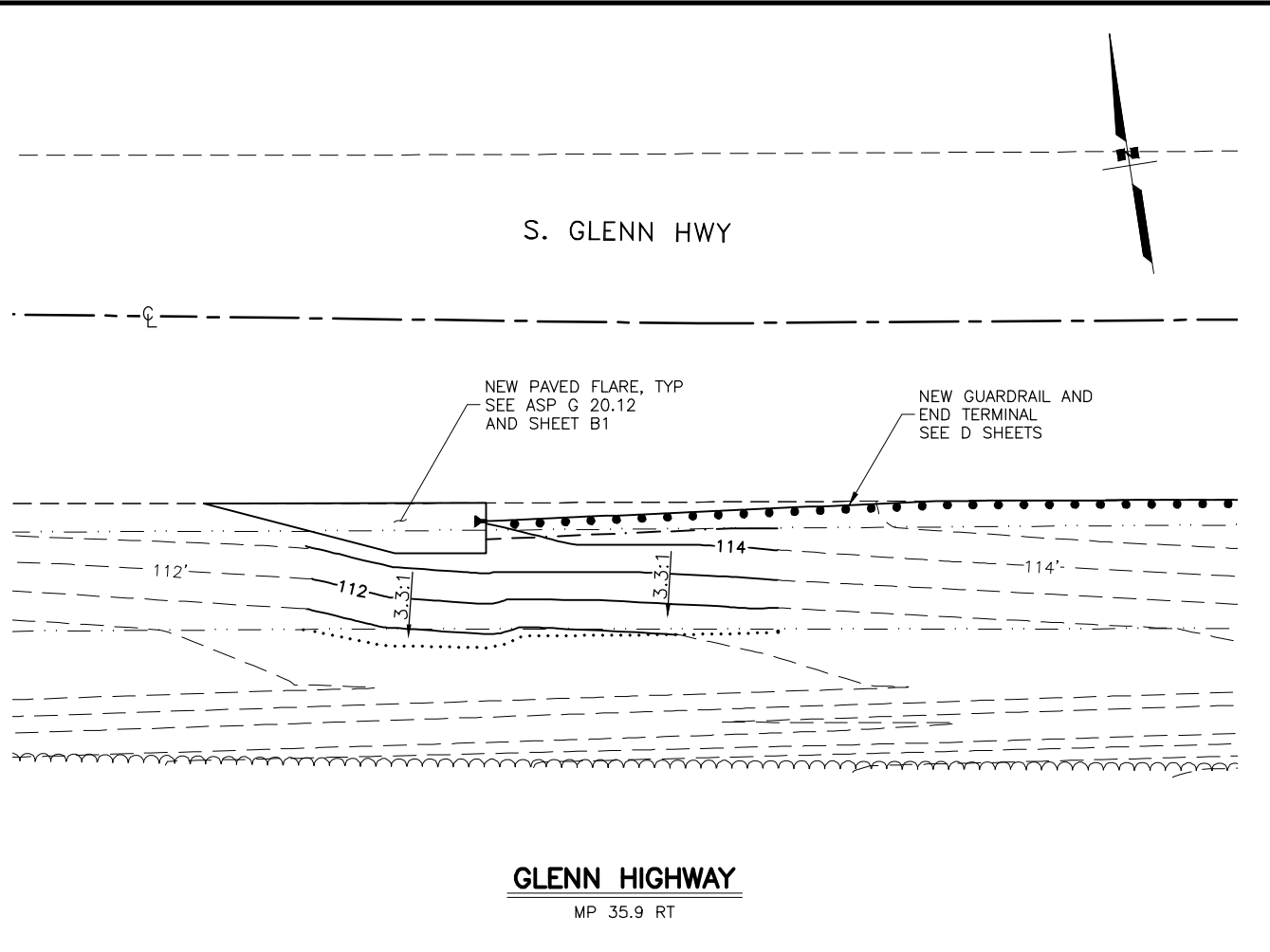
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

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

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\04398\PL-20-001 G SHEETS\GLENN.DWG DATE/TIME: 3/4/2022 1:23 PM LAYOUT: 1:10 DESIGNED: SM CHECKED: JC DRAFTED: DU



SHEET NO.	TOTAL SHEETS
G1	G4
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
TBD/CFHWY00939	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

GLENN HIGHWAY
 MP 35.9 RT

GLENN HIGHWAY
 MP 36.3 RT E

GLENN HIGHWAY
 MP 57.4 RT

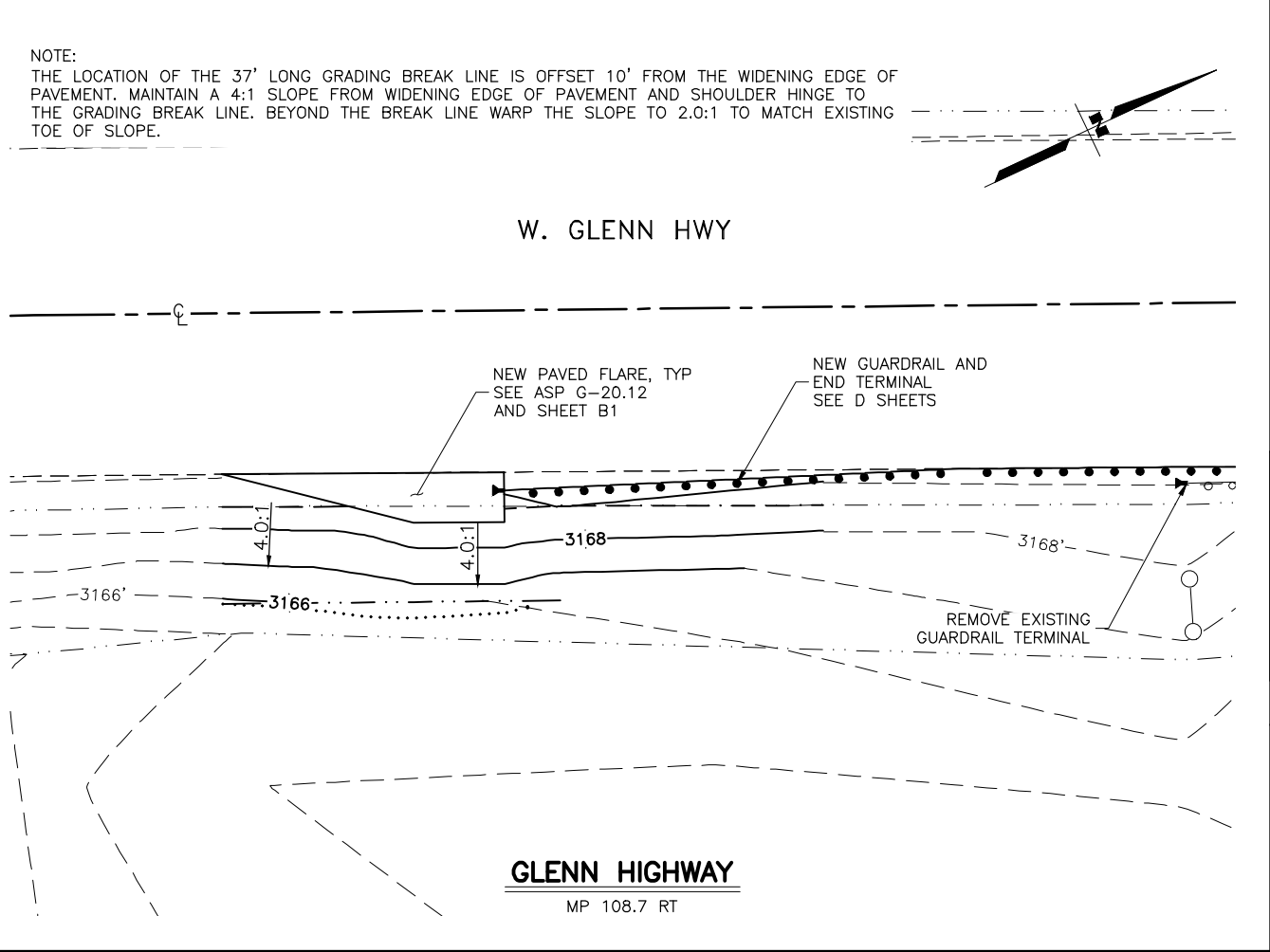
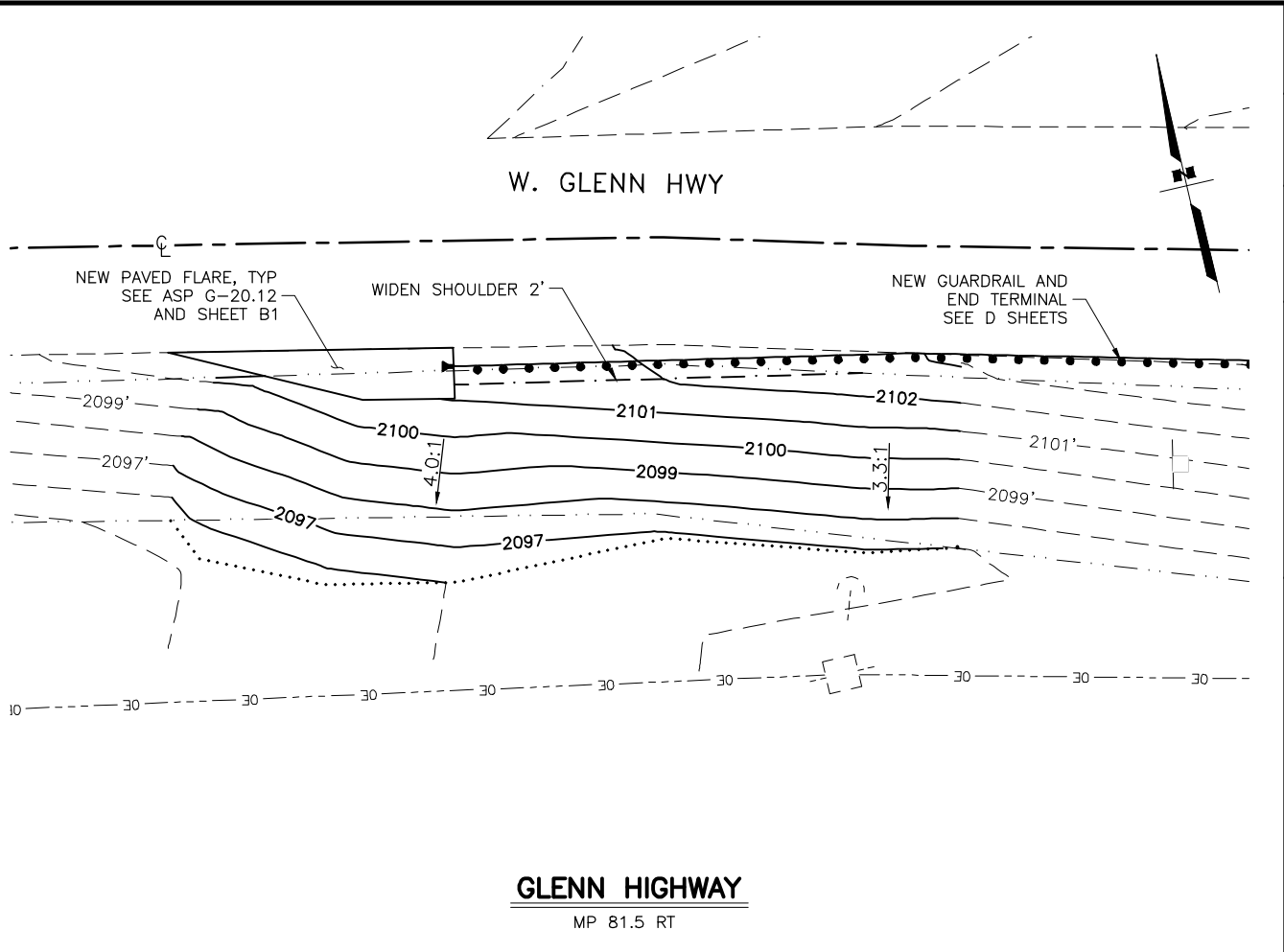
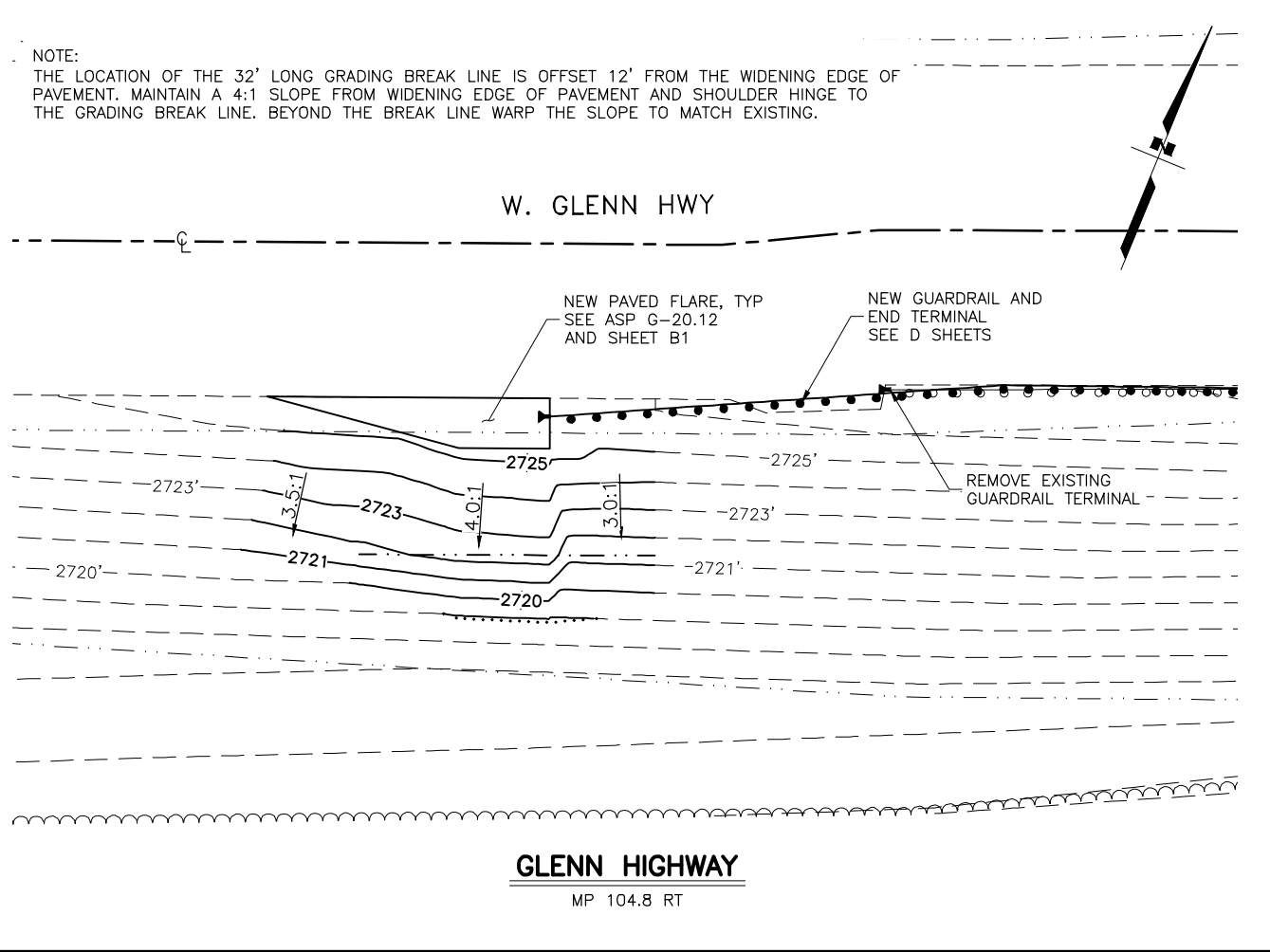
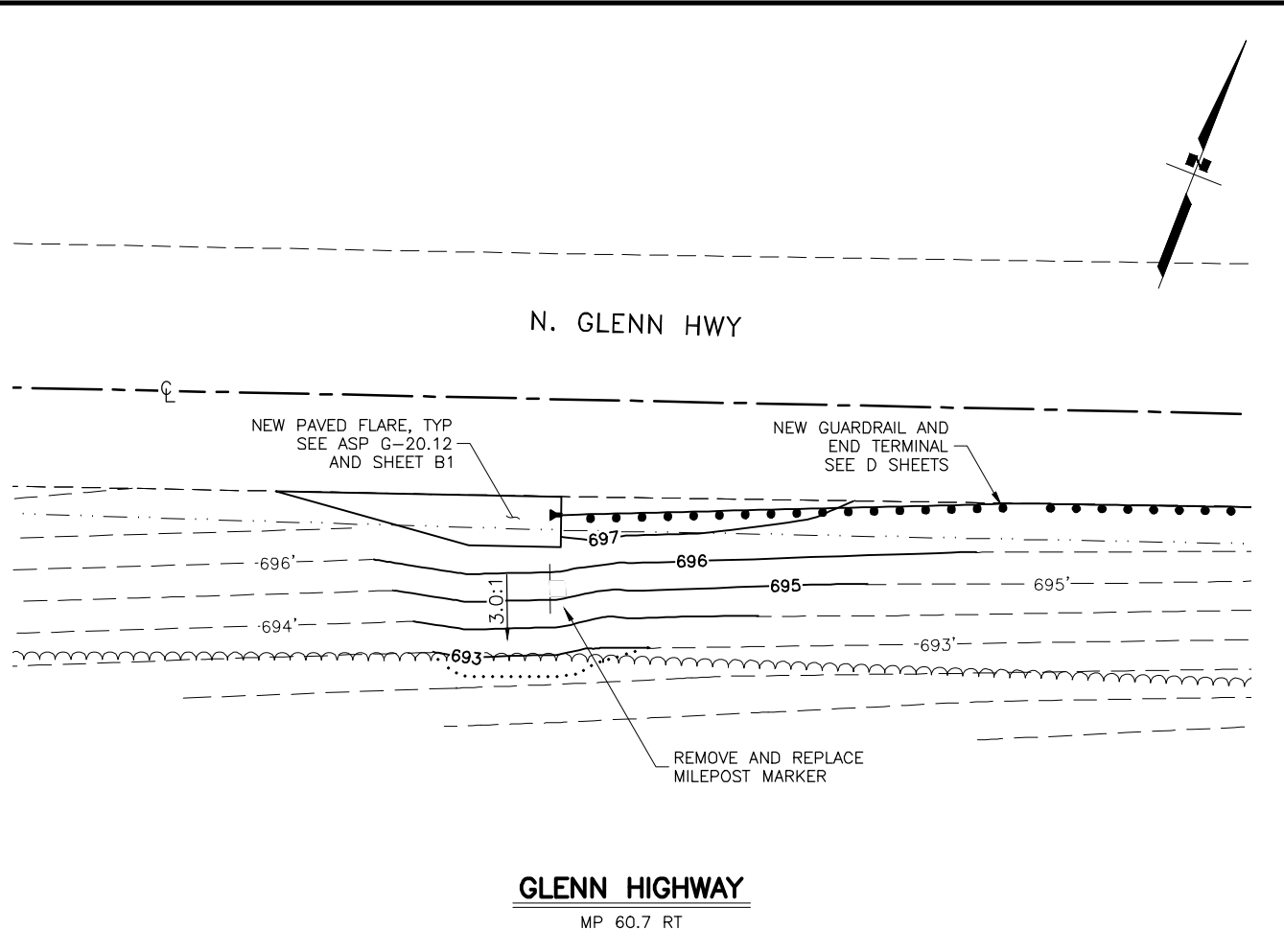
GLENN HIGHWAY
 MP 35.9 RT TO 60.6 RT

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
 (NORTH)

PLANS DEVELOPED BY: LOUNSBURY & ASSOCIATES ADDRESS: 3230 C ST., SUITE 201, ANCHORAGE AK 99503
 FILE ID: \P\W\SE\FILE\DWG\04\398\PL-20-001 G SHEETS\GLENN.DWG
 PHONE: (907) 272-5451
 DATE/TIME: 3/4/2022 1:23 PM
 CERTIFICATE OF AUTHORIZATION NUMBER: AECC391
 DESIGNED: SM CHECKED: JC DRAFTED: DU



SHEET NO.	TOTAL SHEETS
G2	G4
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
TBD/CFHWY00939

NO.	REVISION

DRAFT
 MARCH, 4 2022

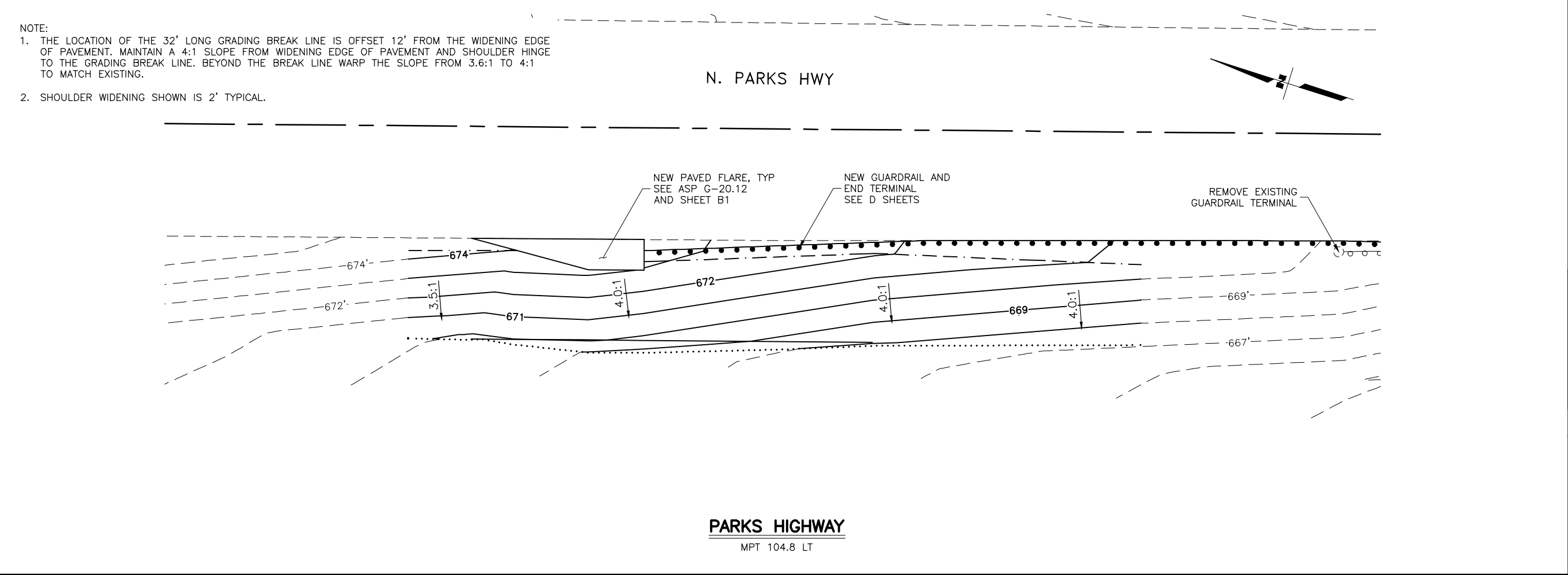
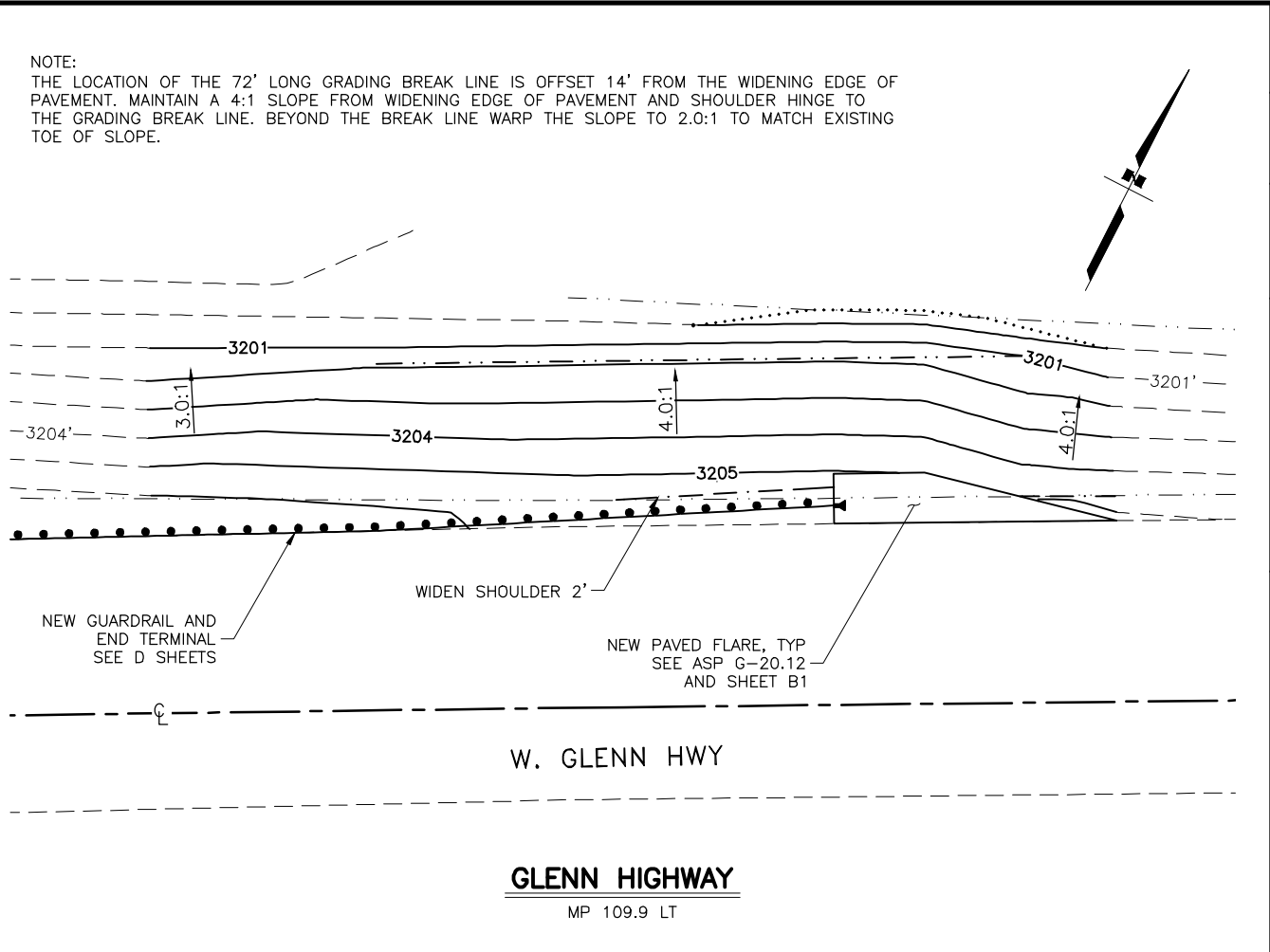
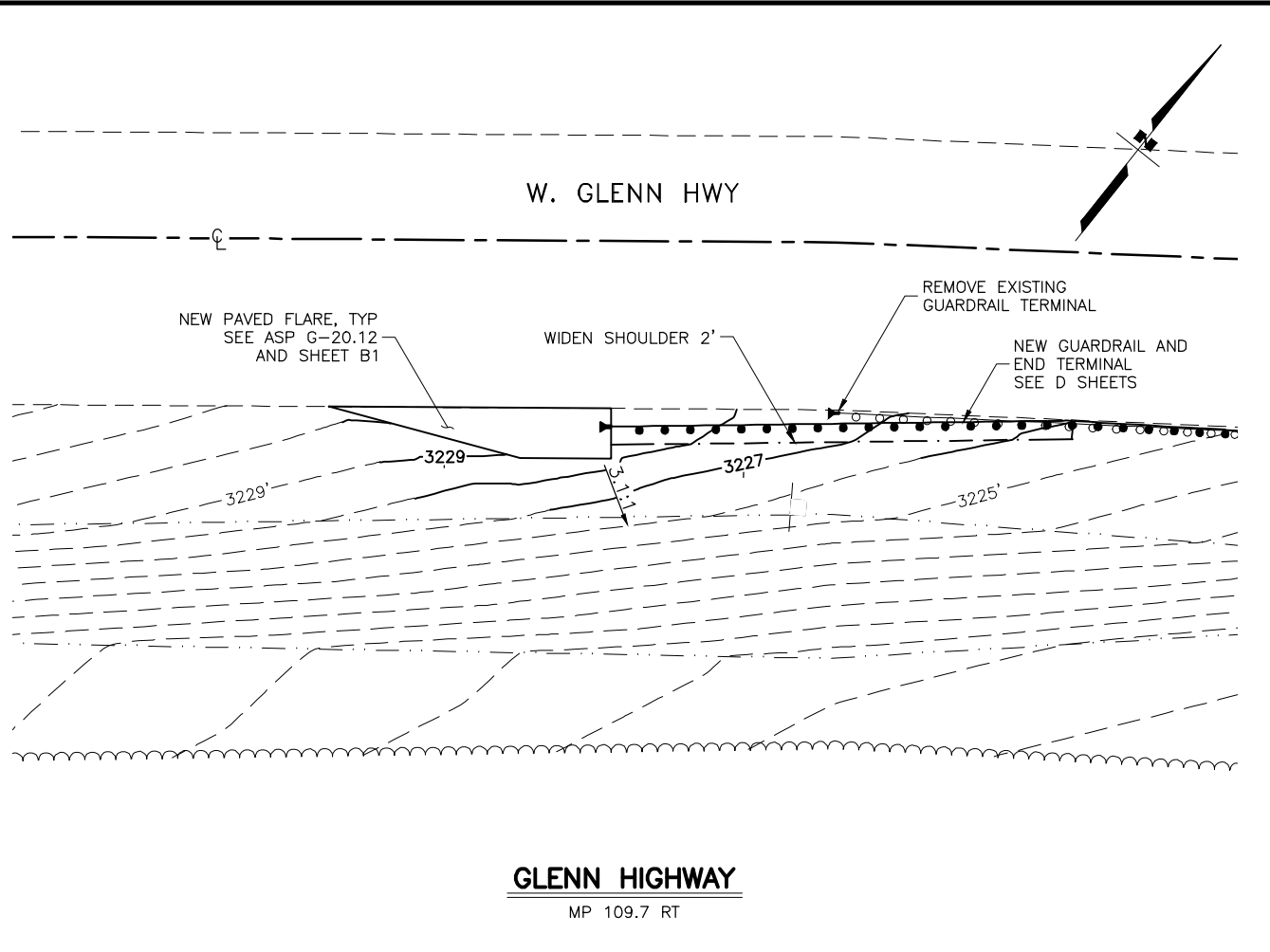
PLANS DEVELOPED BY:
 LOUNSBURY & ASSOCIATES INC.

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES

HSIP: CR GUARDRAIL
 INVENTORY AND UPGRADE
 (NORTH)

GLENN HIGHWAY
 MP. 60.7 RT TO 108.7 RT

PLANS DEVELOPED BY: LOUNSBURY & ASSOCIATES ADDRESS: 3230 C ST., SUITE 201, ANCHORAGE AK 99503
 FILE ID: \\PWS\FILE\DWG\04\398\PL-20-001 G SHEETS GLENN.DWG
 PHONE: (907) 272-5451 DATE/TIME: 3/4/2022 1:23 PM
 CERTIFICATE OF AUTHORIZATION NUMBER: AECC391
 DESIGNED: SM CHECKED: JC DRAFTED: DU



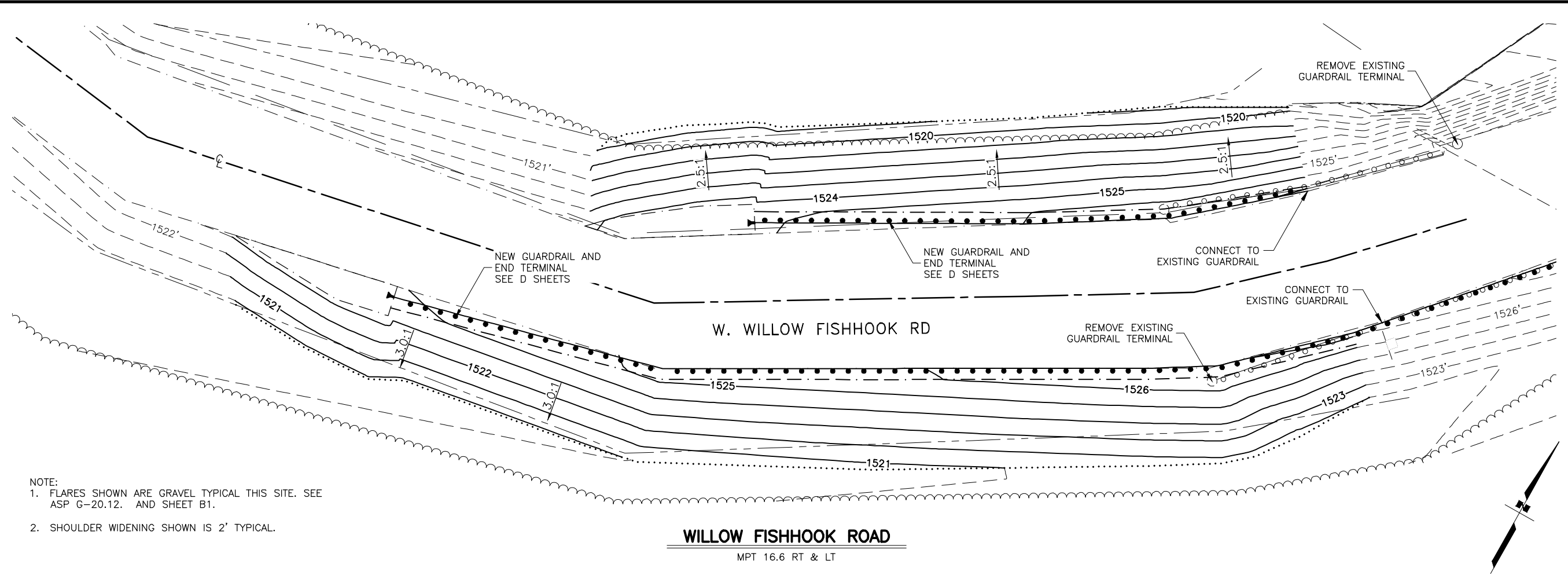
SHEET NO.	TOTAL SHEETS
G3	G4
STATE	YEAR
ALASKA	2022
PROJECT DESIGNATION	
TBD/CFHWY00939	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

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
 (NORTH)
 GLENN HIGHWAY &
 PARKS HIGHWAY
 MP. 109.7 RT & 109.9 LT
 & 104.8 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\04398\PL-20-001 G SHEETS PARKS.DWG DATE/TIME: 3/4/2022 1:23 PM LAYOUT: 1:10 DESIGNED: SM CHECKED: JC DRAFTED: DU



NOTE:
 1. FLARES SHOWN ARE GRAVEL TYPICAL THIS SITE. SEE ASP G-20.12. AND SHEET B1.
 2. SHOULDER WIDENING SHOWN IS 2' TYPICAL.

SHEET NO.	TOTAL SHEETS
G4	G4
STATE	YEAR
ALASKA	2022

PROJECT DESIGNATION
TBD/CFHWY00939

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
 (NORTH)
**WILLOW FISHHOOK ROAD
 & PARKS HIGHWAY
 MP. 16.6 LT &
 16.6 RT**