




**PLANNING COMMISSION STAFF REPORT
STATE PROJECT REVIEW CSP2024 0002
HEARING DATE: SEPTEMBER 24, 2024**

(907) 586-0715

CDD_Admin@juneau.gov

www.juneau.org/community-development

155 Heritage Way • Juneau, AK 99801

DATE: September 12, 2024
TO: Mandy Cole, Chair, Planning Commission
BY: Jay Larson, Planner II 
THROUGH: Jill Lawhorne, Director, AICP

PROPOSAL: Applicant requests a State Project Review to replace the Mendenhall Loop Road-Valley Boulevard-Mendenhall Boulevard signalized intersection with a single lane roundabout.

STAFF RECOMMENDATION: Approval

KEY CONSIDERATIONS FOR REVIEW:

- The purpose of this project improves safety for vehicles and pedestrians passing through the Mendenhall Loop Road intersection at Mendenhall Boulevard and Valley Boulevard.
- The project is compliant with the CBJ Comprehensive Plan and Title 49.15.580(b)

GENERAL INFORMATION	
Property Owner	State of Alaska DOT
Applicant	State of Alaska DOT
Property Address	Mendenhall Loop Road-Valley Boulevard-Mendenhall Boulevard
Legal Description	USGS QUAD Juneau B-2 NW Section T40S R66E Copper River Meridian
Parcel Number	0 (N/A)
Zoning	D5
Land Use Designation	DOT ROW
Lot Size	N/A
Water/Sewer	N/A
Access	Mendenhall Loop Rd
Existing Land Use	ROW
Associated Applications	DPA

ALTERNATIVE ACTIONS:

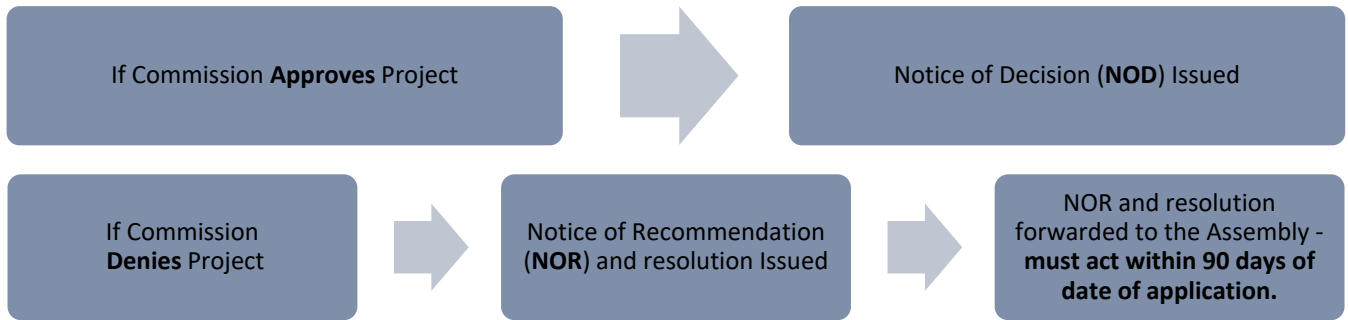
1. **Amend:** amend the recommendation and approve with conditions and modifications. Issue Notice of Decision (NOD)
2. **Deny:** recommend denial of the proposed project. Notice of Recommendation (NOR) and draft resolution shall be forwarded to the assembly for further action.
3. **Continue:** continue the hearing to a later date if determined that additional information or analysis is needed to decide, or if additional testimony is warranted.

ASSEMBLY ACTION REQUIRED:

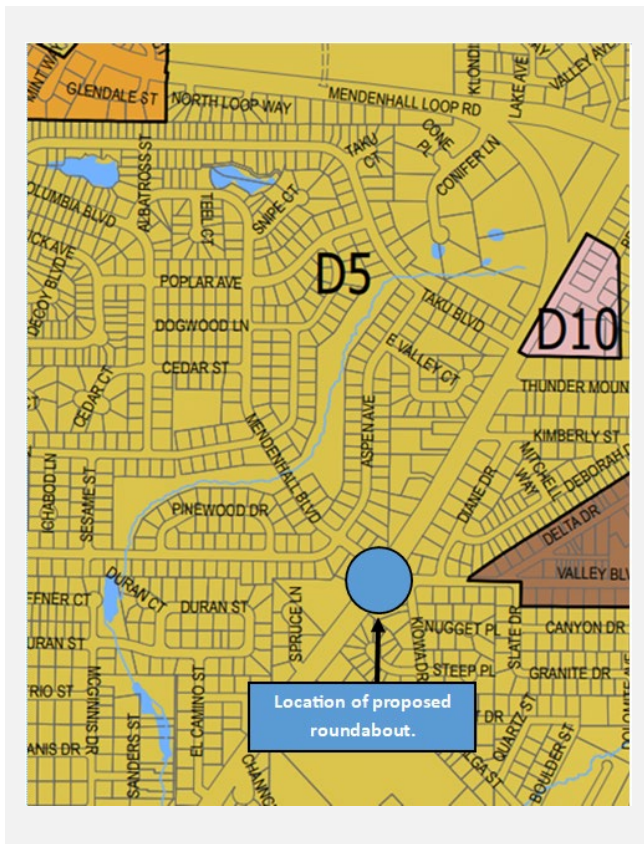
Notice of Recommendation and draft resolution will be forwarded to the Assembly.

STANDARD OF REVIEW:

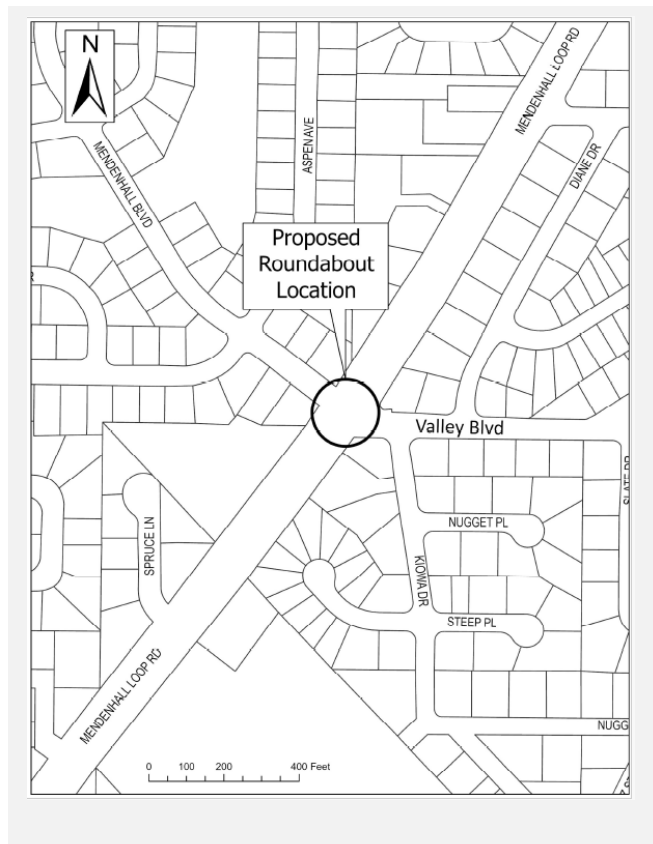
- Quasi-judicial decision
- Requires five (5) affirmative votes for approval
- Code Provisions:
 - CBJ 49.15.580(b)
 - CBJ 49.80



CURRENT ZONING MAP



PROPOSED LOCATION



The Commission shall hear and decide the case per CBJ 49.15.580(b) - State Project Review: *The commission shall review proposed Alaska State capital improvement projects for consistency with this title pursuant to AS 35.30.010 and may impose conditions on and modifications to such projects. If the commission approves or approves with conditions or modifications, a notice of decision shall be issued. A notice of decision becomes final 90 days from the date the project was submitted unless modified or disapproved by the assembly. If the commission disapproves, a notice of recommendation and draft resolution shall be forwarded to the assembly for further action.*

SURROUNDING LAND USES AND ZONING

Direction	Zoning District	Land Use
North	D5	Residential
South	D5	Residential
East	D18	Residential
West	D5	Residential

BACKGROUND INFORMATION

Project Description – The applicant applied (**Attachment A**) for review of a project which would replace the currently signalized intersection with a single-lane roundabout as a method to improve DOT & PF purposes. This will serve to improve safety conditions for motorized, non-motorized and pedestrian traffic in a previously signalized intersection as recommended in the CBJ Area Wide Transportation Plan.

This is an \$8.5 million dollar project that will include these details (from their application):

- Expand the ROW of the intersection in all directions, particularly in the northern direction.
- Widen road approaching roundabout and adding splitter islands on the approach into the roundabout.
- Adjust underlying hydraulic systems/storm drains to fit the new footprint.
- Potentially reposition or bury electrical poles and lines along part of the Loop Road.
- Install new lights around the roundabout footprint.

Background – This intersection was signalized in 2004. Since then, there have been a series of accidents resulting in minor injuries. The purpose of this project is to improve safety for vehicles and pedestrians passing through the Mendenhall Loop Road intersection.

The table below summarizes relevant history for the subject parcel and proposed development.

Item	Summary
Department of Transportation and Public Facilities	Project narrative describing how the project adheres to CBJ Municipal Code (Attachment A, page 4)
Location Map	Figure 1 – Location of project (Attachment A, page 6)
Project Vicinity Map	Figure 2 – Project Vicinity Map (Attachment A, page 6)
Fastest Path Analysis	Appendix B (Attachment A, page 34)
Truck Turning Analysis	Appendix C (Attachment A, page 36)
Sight Distance Analysis	Appendix D (Attachment A, page 43)

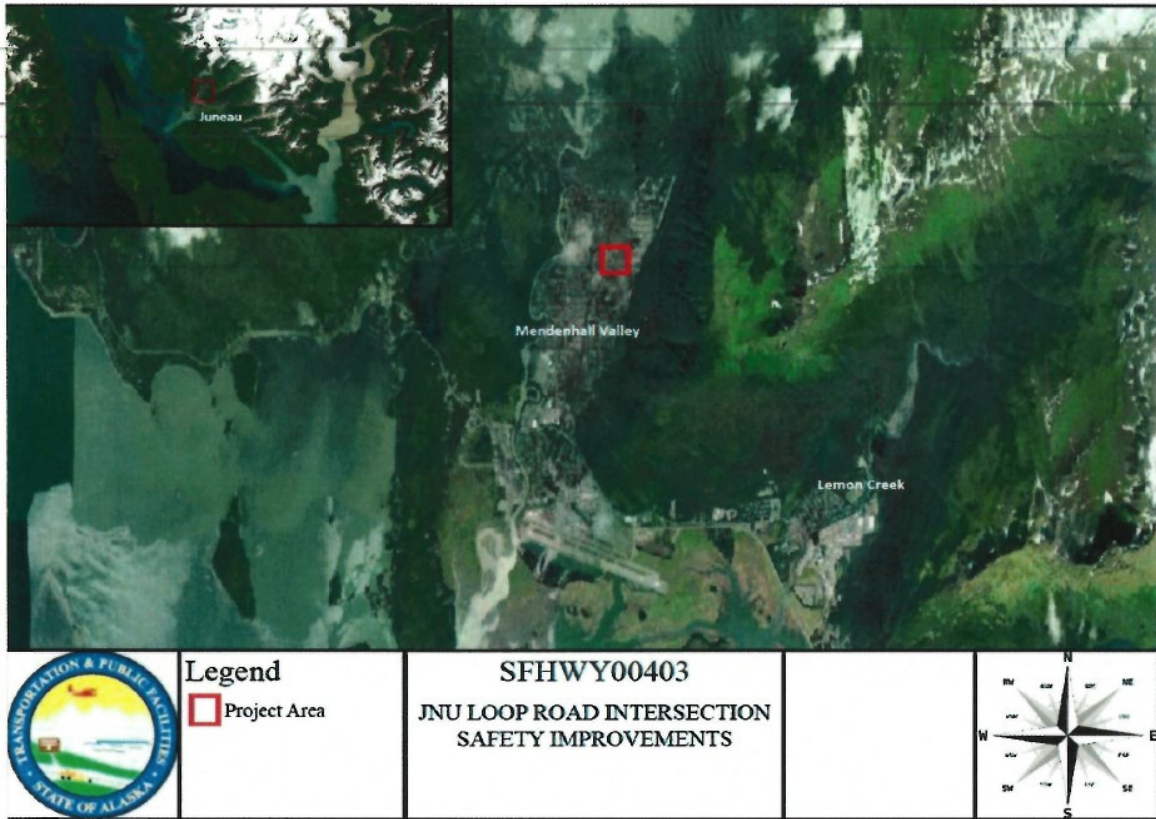


Figure 1 - Location Map



Figure 2 - Project Vicinity Map

Current Conditions – This intersection is currently under the control of signalized devices. The project removes the signals and constructs a single lane roundabout. It would continue to be used as a roadway and intersection with all associated pedestrian crossing facilities with an altered configuration.

ZONING ANALYSIS

CBJ 49.05.100 - Purpose and intent. The purpose and Intent of Title 49 Land Use Code is:

(1) To achieve the goals and objectives, and implement the policies, of the Juneau comprehensive plan, and coastal management program;

(2) To ensure that future growth and development in the City and Borough is in accord with the values of its residents;

(3) To identify and secure, for present and future residents, the beneficial impacts of growth while minimizing the negative impacts;

(4) To ensure that future growth is of the appropriate type, design and location, and is served by a proper range of public services and facilities such as water, sewage, and electrical distribution systems, transportation, schools, parks and other public requirements, and in general to promote public health, safety and general welfare;

(5) To provide adequate open space for light and air; and

(6) To recognize the economic value of land and encourage its proper and beneficial use.

Roadway Construction Standard Waivers – CBJ 49.35 Table 240 standards have been met.

Roadway Classification Maps – Minor Arterial

Hazard Areas – Regulatory Floodway. Floodplain Development Permit not required.

COMMUNITY SERVICES

Service	Summary
Urban Service Boundary	Within the Urban Service Boundary
Water/Sewer	CBJ/CBJ
Fire Service Area	CBJ
Schools	Valley Baptist Academy Floyd Dryden Middle School
Recreation	Mendenhaven Park

ENVIRONMENTAL, CONSERVATION, HISTORIC, AND ARCHEOLOGICAL RESOURCES

The below table summarizes Conservation, Historic, and Archeological Resources which may be affected by the single-lane roundabout.

Resource	Summary
Anadromous	No Anadromous stream is located near the intersection in question.
Historic	No historic designation
Archeological	No known archeological findings

CONFORMITY WITH ADOPTED PLANS

2013 COMPREHENSIVE PLAN VISION: *The City and Borough of Juneau is a vibrant State Capital that values the diversity and quality of its natural and built environments, creates a safe and satisfying quality of life for its diverse population, provides quality education and employment for its workers, encourages resident participation in community decisions and provides an environment to foster state-wide leadership.*

2013 COMPREHENSIVE PLAN - The proposed text amendment is in compliance with the 2013 Comprehensive Plan.

Chapter	Page No.	Item	Summary
8	119	Policy 8.8 The Mendenhall Valley	<p>The proposed project proposes improvements needed on Mendenhall Loop Rd by creating better traffic flow and improves safety for vehicles and pedestrians.</p> <p>8.8 - IA10 Work with ADOT&PF to undertake roadway capacity, vehicular turning movement, bus pullouts and pedestrian and bicycle safety improvements within the Urban Service Area where an existing intersection Level of Service on the state route is compromised (LOS D or worse); priority improvements should be given to intersections that would serve new high-density housing developments.</p>

AGENCY REVIEW

CDD conducted an agency review comment period between August 5, 2024, and September 9, 2024. The following agency review comments were received.

Name	Summary
Teri Rehfeldt, CBJ Sr. Planner, CFI	I have reviewed these plans with ADOT thoroughly in the past and have confirmed that the project does not impact a Special Flood Hazard Area and does not need a Floodplain Development Permit.
Building Department	No comments received
Engineering Department	No comments received
Fire Department	No comments received

PUBLIC COMMENTS

Abutters were sent to the surrounding area and published online, stating the Alaska Department of Transportation is proposing to replace the signalized intersection of Mendenhall Blvd and Valley Blvd with a single-lane roundabout. CDD conducted a public comment period between August 05, 2024 – September 09, 2024. Public notice was mailed to property owners within 500 feet of the subject parcel. A public notice sign was also posted on-site at least two weeks prior to the scheduled hearing. Several comments were received both in favor and against the project (**Attachment E**).

FINDINGS

In accordance with CBJ 49.15.580 staff finds the proposed roundabout complies with Title 49 Land Use Code and is in general conformity with adopted plans, specifically the 2013 Comprehensive Plan.

RECOMMENDATION

Staff recommends the Planning Commission adopt the DIRECTOR’s analysis and findings and APPROVE the State Project to replace the Mendenhall Loop Road-Valley Boulevard-Mendenhall Boulevard signalized intersection with a single lane roundabout.

STAFF REPORT ATTACHMENTS

Item	Description
Attachment A	Application Packet
	Figure 1: Fastest Path Analysis
	Figure 2: Truck Turning Analysis
	Appendix A: Sight Distance Analysis
	Appendix B: Abutters Notice and Public Notice Sign Photo
	Appendix C: Public Comments
Attachment B	Abutters Notice and Public Notice Sign Photo
Attachment C	Agency Comments
Attachment D	Public Notice sign photo near intersection
Attachment E	Public Comments

City/State Project and Land Action Review Information

City and State project review is outlined in CBJ 49.15.580

Each application for a City/State Project is reviewed by the Planning Commission at a public hearing. The permit procedure is intended to provide the Commission the flexibility necessary to make recommendations tailored to individual applications.

Application: An application for a City/State Project Review will not be accepted by the Community Development Department until it is determined to be complete. The items needed for a complete application are:

1. **Forms:** Completed City/State Project Review Application and Development Permit Application forms.
2. **Fees:** No application fee required for projects that cost less than \$2.5 million. For projects costing more than this amount, the fee is \$1,600.00. All City/State Project and Land Action Applications must pay public notice sign fees. All fees are subject to change.
3. **Project Narrative:** A detailed narrative describing the project.
4. **Plans:** All plans are to be drawn to scale and clearly show the items listed below:
 - a. Plat, site plan, floor plan and elevation views of existing and proposed structures and land;
 - b. Existing and proposed parking areas, including dimensions of the spaces, aisle width and driveway entrances;
 - c. Proposed traffic circulation within the site including access/egress points and traffic control devices;
 - d. Existing and proposed lighting (including cut sheets for each type of lighting);
 - e. Existing and proposed vegetation with location, area, height and type of plantings; and,
 - f. Existing physical features of the site (i.e. drainage, eagle trees, hazard areas, salmon streams, wetlands, etc.)

Document Format: All materials submitted as part of an application shall be submitted in either of the following formats:

1. Electronic copies in the following formats: .doc, .txt, .xls, .bmp, .pdf, .jpg, .gif, .xlm, .rtf (other formats may be preapproved by the Community Development Department).
2. Paper copies 11" X 17" or smaller (larger paper size may be preapproved by the Community Development Department).

Application Review & Hearing Procedure: Once the application is determined to be complete, the Community Development Department will initiate the review and scheduling of the application. This process includes:

Review: As part of the review process the Community Development Department will evaluate the application for consistency with all applicable City & Borough of Juneau codes and adopted plans. Depending on unique characteristics of the permit request the application may be required to be reviewed by other municipal boards and committees. Review comments may require the applicant to provide additional information, clarification, or submit modifications/alterations for the proposed project.

Hearing: All City/State Project Review Permit Applications must be reviewed by the Planning Commission. Once an application has been deemed complete and has been reviewed by all applicable parties the Community Development Department will schedule the requested permit for the next appropriate meeting. The Planning Commission will make a recommendation based on staff's analysis and forward it to the Assembly for final approval/denial.

INCOMPLETE APPLICATIONS WILL NOT BE ACCEPTED



THE STATE
of **ALASKA**
GOVERNOR MIKE DUNLEAVY

Department of Transportation and
Public Facilities

SOUTHCOST REGION
PRECONSTRUCTION

6860 Glacier Highway
P.O. Box 112506
Juneau, Alaska 99801
Main: 907.465.4443
Fax: 907.465.4414
connor.brown@alaska.gov

April 08, 2024

JNU Loop Road - Valley Boulevard Intersection Safety Improvements HSIP
Federal ID: 0966030
State ID: SFHWY00403

Project Narrative Describing how the JNU Loop Road – Valley Boulevard Intersection Safety Improvements HSIP Project Adheres to Municipal Code

The Alaska Department of Transportation and Public Facilities (DOT&PF) is proposing to replace the signalized intersection of the Mendenhall Loop Road-Valley Boulevard-Mendenhall Boulevard with a single lane roundabout. The purpose of this letter is to provide you with a description of the project and describe how it adheres to municipal code.

The purpose of this project improve safety for cars passing through the Mendenhall Loop Road-Valley Boulevard-Mendenhall Boulevard. The intersection in question has been signalized since 2004 and has been the site of a series of crashes, most resulting in minor injuries.

As a method to improve purpose DOT&PF proposes to replace the currently existing signalized intersection with a single lane roundabout.

During this project DOT&PF would propose to:

- Expand the ROW of the intersection in all directions, particularly in the northern direction.
- Widen road approaching roundabout and adding splitter islands on the approach into the roundabout.
- Adjust underlying hydraulic systems/storm drains to fit the new footprint.
- Potentially reposition or bury electrical poles and lines along part of the Loop Road.
- Install new lights around the roundabout footprint.

Land Use

Most of the land which would be used in this project is already in use for an existing roadway intersection between Mendenhall Loop Road, Mendenhall Boulevard, and Valley Boulevard. It would continue to be used as a road way and intersection with all associated pedestrian crossing facilities with an altered configuration and removed traffic signals.

“Keep Alaska Moving through service and infrastructure.”

We would anticipate the project to involve permanent easements on several parcels adjacent to the Mendenhall Loop Road-Valley Boulevard-Mendenhall Boulevard intersection, including parcels ID 5B2401120040, 5B2401140160, 5B401600010, and 5B2401010011. We would not anticipate any relocations because of the project.

Of the affected parcels currently 5B2401120040 and 5B2401010011 are in use as private residential properties, the specific slivers which are anticipated as requisitioned easements would be in use for roadside utilities and potentially the edge of a private yard in parcel 5B2401120040. Parcel 5B2401140160 was previously acquired by DOT and is currently an empty lot which would have be subject to significant easement acquisition, and parcel 5B2401600010 is in use as the base of a cell and radio tower station and cannot be subject to acquisitions to the point of removing the station, though easements would be acquired up to the point of the fence to accommodate repositioned non-motorized path and expanded road.

Compliance

This project is in compliance with the Comprehensive Plan of the City and Borough. It takes place entirely within developed urban area, making no expansions to sprawl and is shaped to make minimal expansion of the roadway footprint, and will not block access to or use of buildable land from latest study shown in the Comprehensive Plan. The project is within FAA 7460 Contours but will neither involve nor result in a structure over 200 feet.

The project will serve to improve safety conditions for motorized, non-motorized, and pedestrian traffic in a previously signaled intersection as recommended in the City and Borough of Juneau Area Wide Transportation Plan. As a part of the intersection's reconstruction walking/non-motorized vehicle paths will be rearranged and refurbished in a manner befitting the Juneau Safe Routes to School Plan.

The proposed project is in compliance with the Land Use Code (Title 49). Public notice has been carried out properly including published notices in public spaces, publicly open meetings where the proposed project was presented and comments were taken, and letters sent to various stakeholders and jurisdictional agencies including the City and Borough of Juneau. Corner sight distance, street width, and turn length all in accordance with CBJ 49.35. Signage, Striping, and Grading Plans were all planned in compliance with both the NCHRP Report 1043 Manual on Uniform Traffic Control Devices (2009), and the Alaska Traffic Manual (2016).

Sincerely,

Connor M
Brown

Digitally signed by Connor
M Brown
Date: 2024.04.08
15:17:31 -08'00'

Connor Brown
Environmental Impact Analyst 1
Alaska Department of Transportation and Public Facilities – Southcoast Region
PO Box 112506, Juneau, Alaska 99811-2500
connor.brown@alaska.gov

Enclosures:
City/State Project and Land Action Review applications

Project Plan Sheets

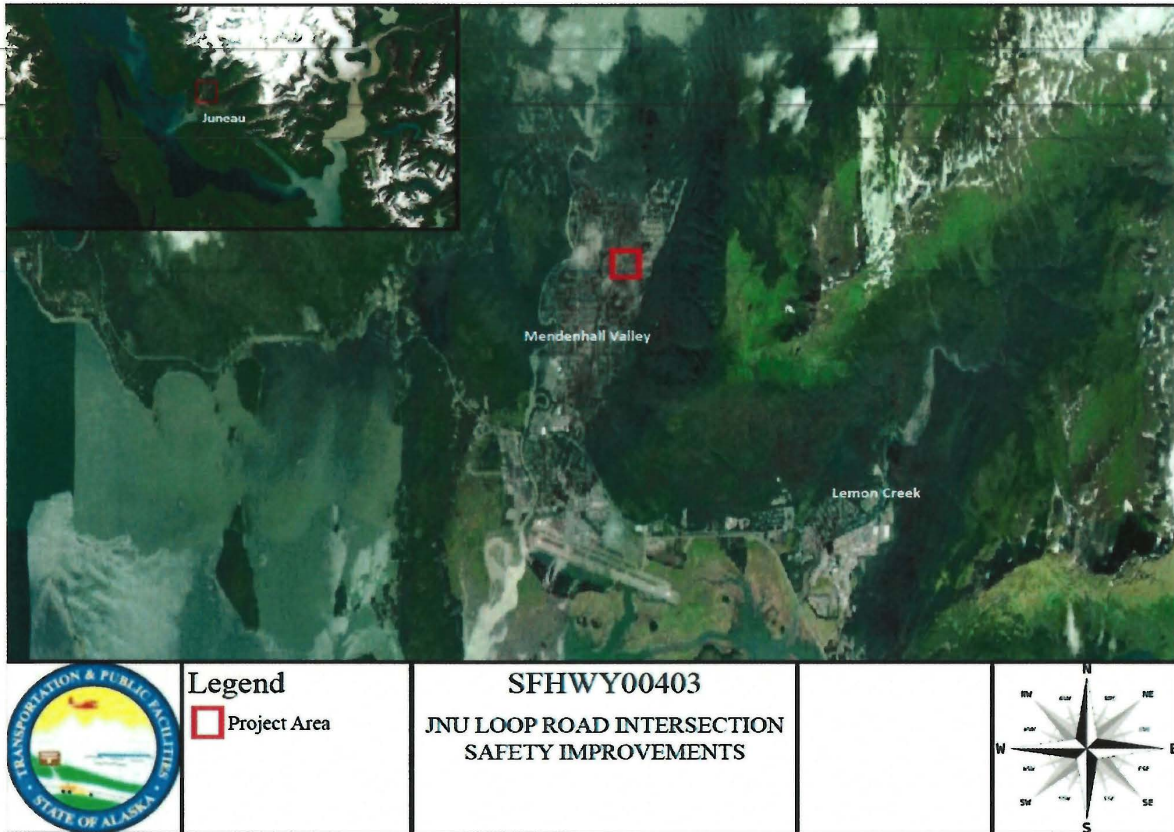
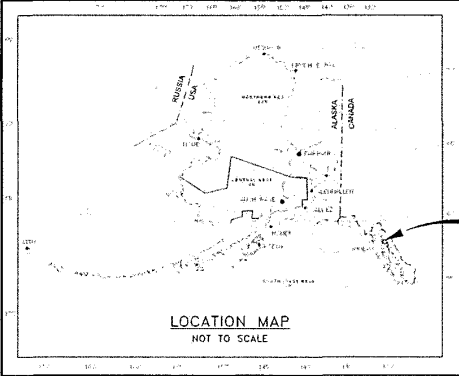


Figure 1 - Location Map



Figure 2 - Project Vicinity Map



PROJECT LOCATION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

PROPOSED HIGHWAY PROJECT

SFHWHY00403/0966030

JNU LOOP ROAD – VALLEY BLVD
INTERSECTION IMPROVEMENTS – HSIP

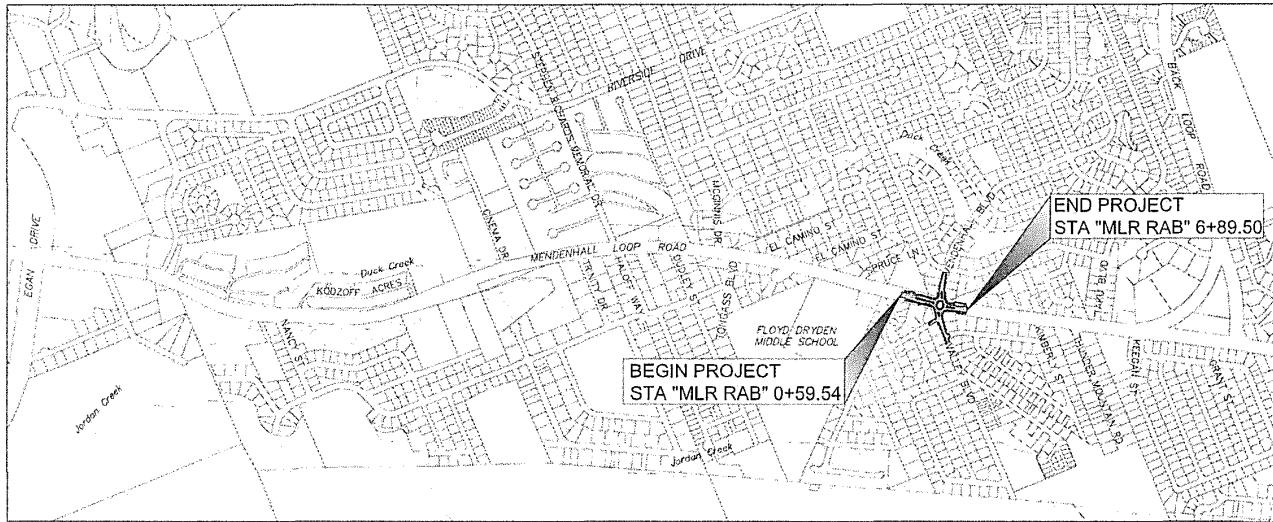
GRADING, DRAINAGE, PAVING, & ILLUMINATION

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET #	TOTAL SHEETS
			AL- P-2	SFHWHY00403/0966030	2024	A1	A3

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
A1	TITLE SHEET
A2-A3	SHEET LAYOUT, GENERAL NOTES, LEGEND, & ABBREVIATIONS
B1-B4	TYPICAL SECTIONS
F1-F9	PLAN & PROFILE
S1-S5	CONSTRUCTION PHASING PLANS
T1-T5	TRAFFIC CONTROL PLANS (AND/OR DEVICES)

THE FOLLOWING DOT&PF STANDARD PLANS APPLY TO THIS PROJECT:
C-04.12, C-05.20, C-06.00, D-01.02, D-04.22, D-07.00, D-09.00, D-22.01,
D-23.01, D-24.00, D-26.04, F-01.04, F-03.02, I-20.20, I-21.12, I-22.11,
L-03.11, L-23.03, L-30.11, M-13.01, M-16.01, M-20.15, M-23.13, S-00.12,
S-01.02, S-05.02, S-20.11, S-30.05, S-31.02, T-20.04, T-21.04, T-22.04

THE FOLLOWING CITY & BOROUGH OF JUNEAU (CBJ) STANDARD
DETAILS APPLY TO THIS PROJECT:
203, 205, 206A, 209, 218, 407, 412



VICINITY MAP

DESIGN DESIGNATIONS	
FUNCTIONAL CLASS	MINOR ARTERIAL
ADT (2016)	16,230
ADT (2030)	16,800
ADT (2040)	17,230
DHV EXISTING YEAR	1,970
DHV MID-LIFE YEAR (2030)	2,020
DHV DESIGN YEAR (2040)	2,070
PERCENT TRUCKS (T)	6.35%
DIRECTIONAL SPLIT (D)	55/45
DESIGN SPEED (V)	45 MPH
DESIGN ESAL'S (30 YEARS)	5,450,000

PROJECT SUMMARY	
MENDENHALL LOOP ROAD MP 0.39 TO MP 0.51	
WIDTH OF PAVEMENT	44-58 FEET
LENGTH OF GRADING	0.12 MILES
LENGTH OF PAVING	0.12 MILES
LENGTH OF PROJECT	0.12 MILES

STEVEN K. NOBLE, P.E., PROJECT MANAGER
RYAN A. STEPHENS, P.E., DESIGN ENGINEER
PLANS DEVELOPED BY: DOWL

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES	
DATE: 07/22/2024	BY: [Signature]
SCALE: AS SHOWN	BY: [Signature]
PROJECT NO: SFHWHY00403/0966030	BY: [Signature]
DESIGNER: RYAN A. STEPHENS, P.E.	BY: [Signature]
CHECKER: STEVEN K. NOBLE, P.E.	BY: [Signature]

PLANS FOR REVIEW
NOT FOR
CONSTRUCTION

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFH-WY00403/0966030	2024	A3	A3

	RECOVERED	SET	EXISTING	PROPOSED	EXISTING	PROPOSED	EXISTING	PROPOSED
BLM MONUMENT					ROADWAY/PAVEMENT EDGE			
GLO MONUMENT					ROADWAY/PAVEMENT HATCH		JUNCTION BOX, TYPE IA	
USC&GS MONUMENT					ISLAND AND PATHWAY/PAVEMENT HATCH		JUNCTION BOX, TYPE II	
PRIMARY MONUMENT					PATTERNED CONCRETE HATCH		JUNCTION BOX, TYPE III	
CENTERLINE MONUMENT IN CASING					CURB CUT		RECTANGULAR RAPID FLASHING BEACON	
PRIMARY R.O.W. MONUMENT					CONCRETE HATCH		LUMINAIRE	
BEARING OBJECT					GRAVEL HATCH			
MISCELLANEOUS MONUMENT					FENCE			
LINE OF SIGHT MONUMENT					CURB AND GUTTER			
CONCRETE R.O.W. MONUMENT					DETECTABLE WARNINGS			
BENCHMARK					CULVERT PIPE			
REBAR AND CAP					COMMUNICATION LINE			
REBAR					POWER POLE LINE			
IRON PIPE					JOINT USE POWER & TELEPHONE			
PK NAIL					TELEPHONE POLE LINE			
SPIKE					POLE ANCHOR			
HUB AND TACK					STUB POLE (POWER OR TELEPHONE)			
CONSTRUCTION CENTERLINE					TELEPHONE DUCT			
STATION EQUATION					TELEPHONE PEDESTAL			
RIGHT-OF-WAY ACQUISITION					BURIED CABLE MARKER			
EXISTING RIGHT-OF-WAY LINE					PIPELINE MARKER OR VALVE			
EXISTING PROPERTY LINE					CATCH BASIN OR DROP INLET			
EXISTING EASEMENT LINE					MANHOLE			
PROPOSED EASEMENT LINE					SANITARY SEWER CLEAN OUT			
PROPOSED CUT SLOPE LIMIT					DITCH CENTERLINE			
PROPOSED FILL SLOPE LIMIT					TREE LINE			
PROPOSED TCE					FLOW DIRECTION			

ABBREVIATIONS:	
AT	AND
ADT	AVERAGE DAILY TRAFFIC
AFB	ACTIVATED FLASHING BEACON
APPROX	APPROXIMATE
BM	BENCH MARK
BP	BEGINNING OF PROJECT
BVCE	BEGIN VERTICAL CURVE ELEVATION
BVCS	BEGIN VERTICAL CURVE STATION
CBJ	CITY & BOROUGH OF JUNEAU
CC	CENTER TO CENTER
C&G	CURB AND GUTTER
C	CENTERLINE
CMP	CORRUGATED METAL PIPE
CONC	CONCRETE
CONT	CONTINUOUS, CONTINUATION
CPP	CORRUGATED POLYETHYLENE PIPE, TYPE S
CON	CONNECT TO EXISTING
CY	CUBIC YARD
DET	DETAIL
DHV	DESIGN HOURLY VOLUME
DI	DUCTILE IRON
DIA	DIAMETER
DOT&PF	DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
DT	DETECTABLE WARNING TILE
E	EAST, EASTING
EG	EXISTING GRADE
EL	ELEVATION
EP	END OF PROJECT
EOP	EDGE OF PAVEMENT
EOTW	EDGE OF TRAVELED WAY
ESCP	EROSION SEDIMENT CONTROL PLAN
FG	FINAL GRADE
FL	FLOW LINE (ELEV)
FT.	FOOT, FEET
FTG	FOOTING
GAL	GALLONS
GB	GRADE BREAK
HMA	HOT MIX ASPHALT
H	HORIZONTAL
HDPPE	HIGH-DENSITY POLYETHYLENE
IN.	INCH, INCHES
INV	INVERT
J, JB	JUNCTION BOX
JT	JOINT
LB	POUNDS
LF	LINEAR FEET

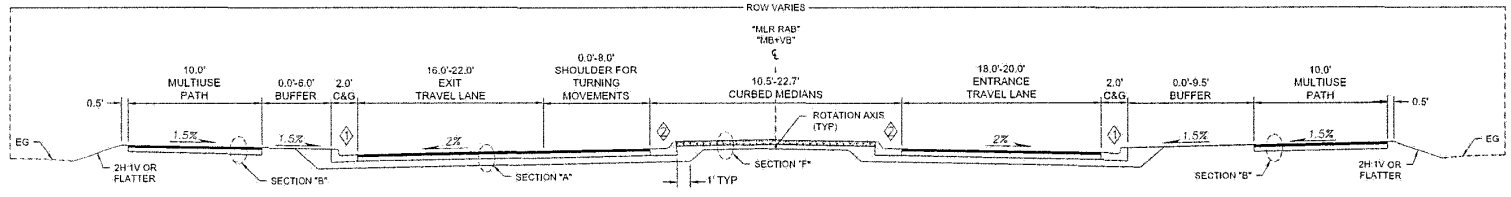
ABBREVIATIONS:	
LT	LEFT
LVC	LENGTH OF VERTICAL CURVE
MAX	MAXIMUM
MB	MAILBOX
MN	MINIMUM
MISC	MISCELLANEOUS
MLR	MENDENHILL LOOP ROAD
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
N	NORTH, NORTHING
NO., #	NUMBER
NTS	NOT TO SCALE
O.C./OC	ON CENTER
OD	OUTSIDE DIAMETER
PE	PEDESTRIAN
PI	POINT OF INTERSECTION
PC, POC	POINT OF CURVATURE
PT, POT	POINT OF TANGENCY
PRC	POINT OF REVERSE CURVE
PVI	POINT OF VERTICAL INTERSECTION
PVMT	PAVEMENT
R, RAD	RADIUS
RD	ROAD
REQD	REQUIRED
ROW, R/W	RIGHT-OF-WAY
RT	RIGHT
S	SOUTH
SH	SHEET
SHLD	SHOULDER
SPECS	SPECIFICATIONS
STA	STATION
STD	STANDARD
TBC	TOP BACK OF CURB
TCE	TEMPORARY CONSTRUCTION EASEMENT
ICP	TEMPORARY CONSTRUCTION PERMIT
TW	TOP OF WALL
TYP	TYPICAL
VB	VALVE BOX
VBS	VEGETATED BUFFER STRIP
VC	VERTICAL CURVE
VG	VALLEY GUTTER
VPI	VERTICAL POINT OF INTERSECTION
W	WEST

PLANS DEVELOPED BY: EGAL BUREAU, JUNEAU, AK 99801 (907)261-3533
 C:\Users\lp\OneDrive\Documents\2024-07-10-14-5552-24_Plan_0966030.dwg 04/16/24

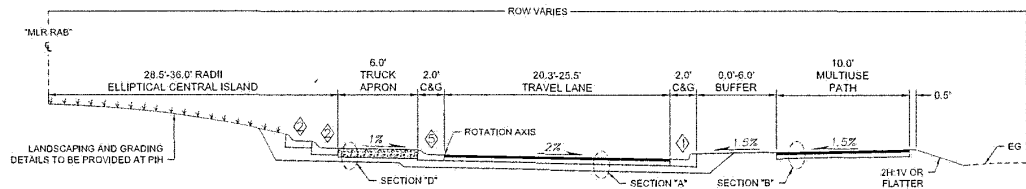


LEGEND & ABBREVIATIONS

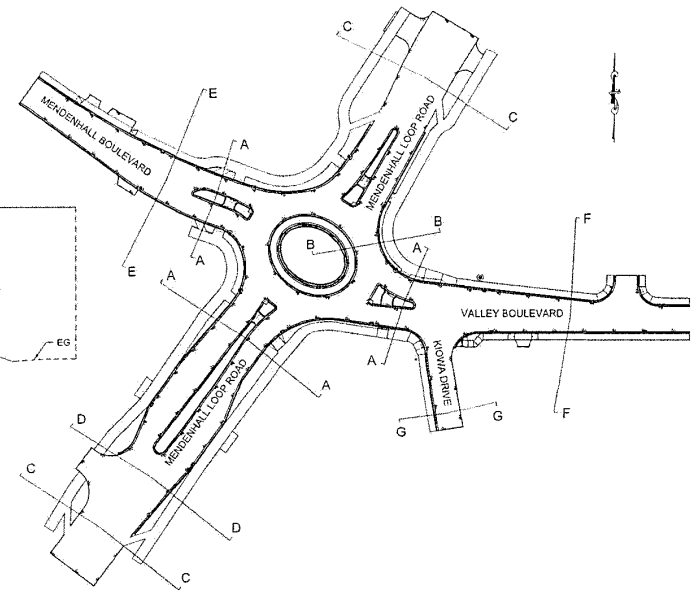
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SPHWY00403/0966030	2024	B1	B4



ROUNDABOUT SECTION A-A
 STA "MLR RAB" 1+05 TO STA "MLR RAB" 5+77
 STA "MB+VB" 23+28 TO STA "MB+VB" 23+88
 STA "MB+VB" 25+22 TO STA "MB+VB" 25+06
 NTS



ROUNDABOUT SECTION B-B
 CENTER CIRCLE
 NTS



MENDENHALL BOULEVARD / VALLEY BOULEVARD ROUNDABOUT
 NTS
 STA "MLR RAB" 0+00 TO STA "MLR RAB" 7+02
 STA "MB+VB" 21+47 TO STA "MB+VB" 28+24

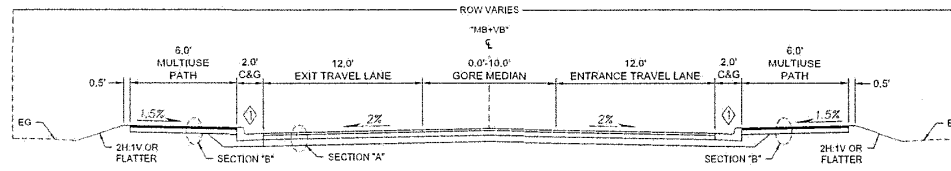
- CURB LEGEND**
- ◇ STANDARD CURB & GUTTER
 - ◇ MOUNTABLE CURB & GUTTER
 - ◇ VALLEY GUTTER
 - ◇ 4-INCH MOUNTABLE CURB & GUTTER
 - ◇ TRUCK APRON CURB & GUTTER

TYPICAL SECTIONS

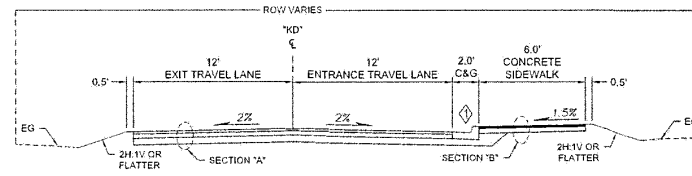


PLANS DEVELOPED BY: LOCAL SWS CONSULTING, ANCHORAGE, AK. SHEET: 0907300-1053
 C:\Users\jsw\OneDrive\Documents\0907300-1053\1053.dwg, Date: 08/20/2024, 09:44:57am

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFHWW09403/0966030	2024	B3	64



VALLEY BOULEVARD SECTION F-F
 STA "MB+VB" 25+66 TO STA "MB+VB" 28+22
 NTS



KIOWA DRIVE SECTION G-G
 STA "KD" 1+18 TO STA "KD" 2+13
 NTS

CURB LEGEND

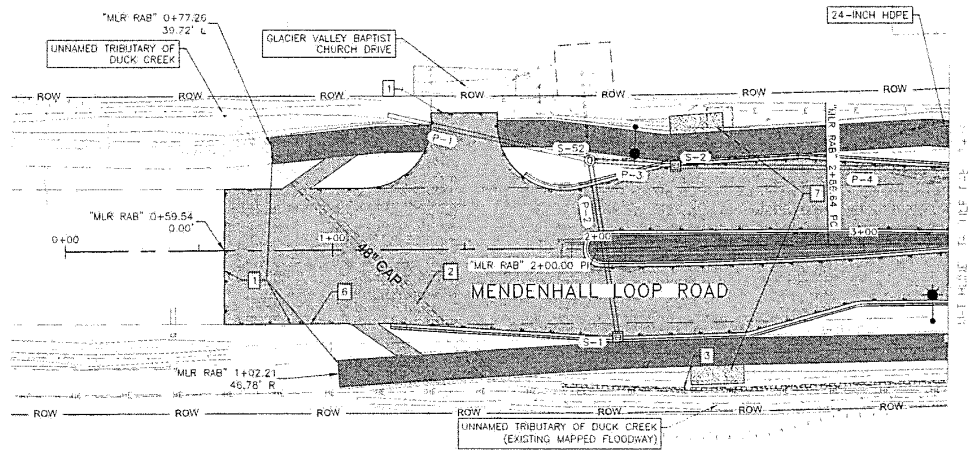
- ◇ STANDARD CURB & GUTTER
- ◇ MOUNTABLE CURB & GUTTER
- ◇ VALLEY GUTTER
- ◇ 4-INCH MOUNTABLE CURB & GUTTER
- ◇ TRUCK APRON CURB & GUTTER

TYPICAL SECTIONS

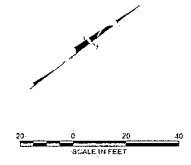


PLANS DEVELOPED BY: DEVAL REESE, QUADRA HIGHWAY, JUNEAU, AK 99801, (907) 285-3523
 C:\Users\pva\appdata\local\temp\15022-01-10-10-03551-1031.Fin_2024.10.24.Dwg.dgn

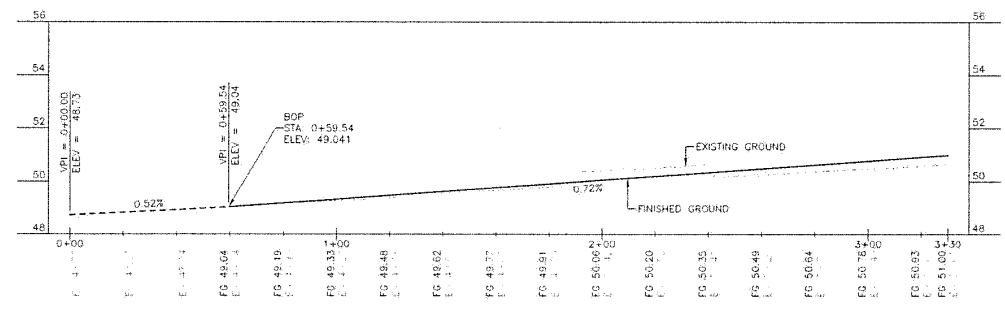
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SHHWY 02403/0966030	2024	F1	F9



- CONSTRUCTION NOTES:**
1. MATCH TO EXISTING
 2. PRESERVE & PROTECT EXISTING 48" CAP
 3. PRESERVE & PROTECT EXISTING CONCRETE BLOCK RETAINING WALL
 4. ADJUST TO FINISHED GRADE ALL VALVE BOXES, MANHOLES, AND OTHER UTILITIES WITH THE PROJECT LIMITS UNLESS OTHERWISE NOTED
 5. EXISTING UTILITIES IN CONFLICT WITH IMPROVEMENTS TO BE RELOCATED BY OTHERS UNLESS OTHERWISE SHOWN
 6. DEMOLISH EXISTING ACCESS BETWEEN EDGE OF ROADWAY AND EDGE OF PATHWAY
 7. CONSTRUCT CONCRETE BUS STOP PAD, SHELTER STRUCTURE TO BE FURNISHED AND INSTALLED BY CEJ.



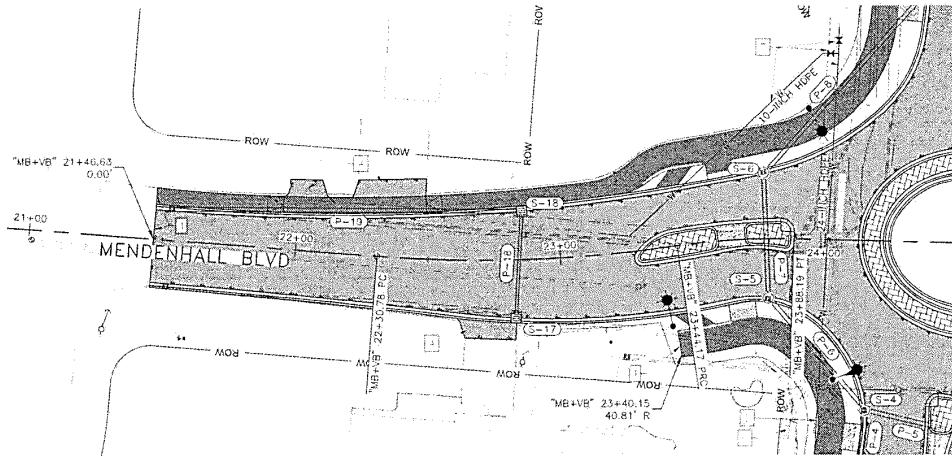
- NOTES TO REVIEWER:**
1. DETAILED GRADING LAYOUT SHEETS WILL BE PROVIDED AT THE PIH SUBMITTAL
 2. NEW SIGN LOCATIONS AND SIGN DETAILS WILL BE SHOWN AT THE PIH SUBMITTAL
 3. ALIGNMENT GEOMETRY NOT SHOWN IN PLAN VIEW TO REDUCE CLUTTER THIS INFORMATION WILL BE PROVIDED AT THE PIH SUBMITTAL



MENDENHALL LOOP ROAD

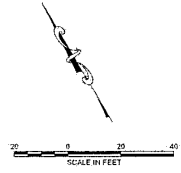
PLANS DEVELOPED BY: DONALD P. GARDNER, INC., ANCHORAGE, AK 99503 (907)780-3532
 C:\Users\paw\Documents\2024\024-001\024-001.dwg, 1/19/24, 04:44:00

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFWY 0340.1/0966030	2024	F3	F9



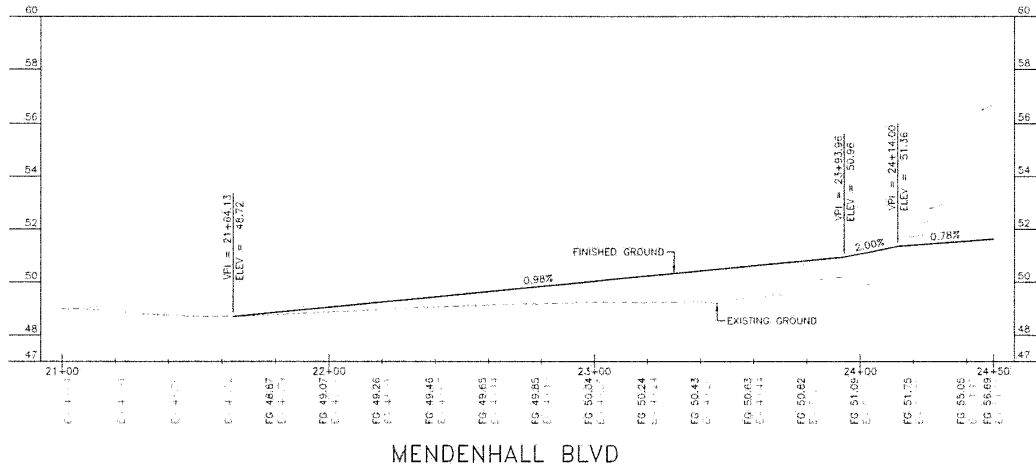
CONSTRUCTION NOTES:

1. MATCH TO EXISTING
2. ADJUST TO FINISHED GRADE ALL VALVE BOXES, MANHOLES, AND OTHER UTILITIES WITHIN THE PROJECT LIMITS, UNLESS OTHERWISE SHOWN
3. EXISTING UTILITIES IN CONFLICT WITH IMPROVEMENTS TO BE RELOCATED BY OTHERS, UNLESS OTHERWISE SHOWN
4. RECONSTRUCT DRIVEWAY
5. REMOVE AND DISPOSE OF EXISTING TRAFFIC SIGNAL INFRASTRUCTURE. COORDINATE WITH DOT&PF ON WHAT EQUIPMENT IS TO BE SALVAGED
6. PRESERVE & PROTECT EXISTING ELECTRICAL TRANSFORMER AND OTHER UTILITY BOXES.
7. INSTALL NEW WATERMAIN AND VALVES



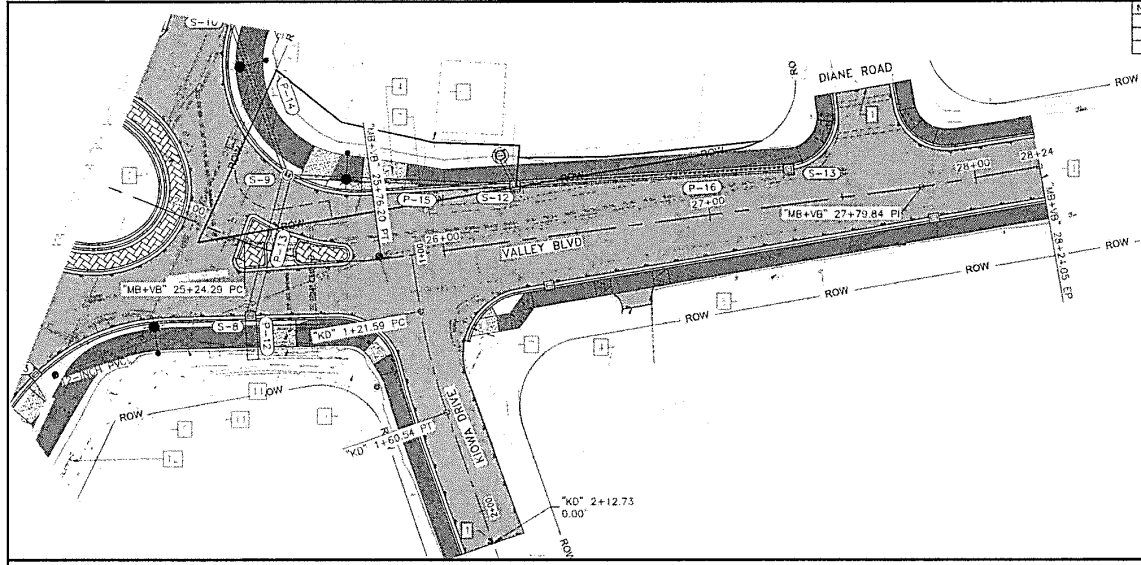
NOTES TO REVIEWER:

1. LANDSCAPED CENTER ISLAND. DETAILS TO BE PROVIDED IN PIH SUBMITTAL
2. NEW SIGN LOCATIONS AND SIGN DETAILS WILL BE SHOWN AT THE PIH SUBMITTAL

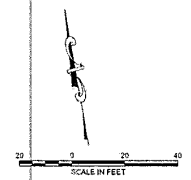


PLANS DEVELOPED BY DONALD GUNZ, CLACKER HIGHWAY, ANCHORAGE, ALASKA 99503 (907) 766-5133
 C:\Users\lucan\Documents\15222-CT&P-0305\F3\FW_09019724_04.dwg

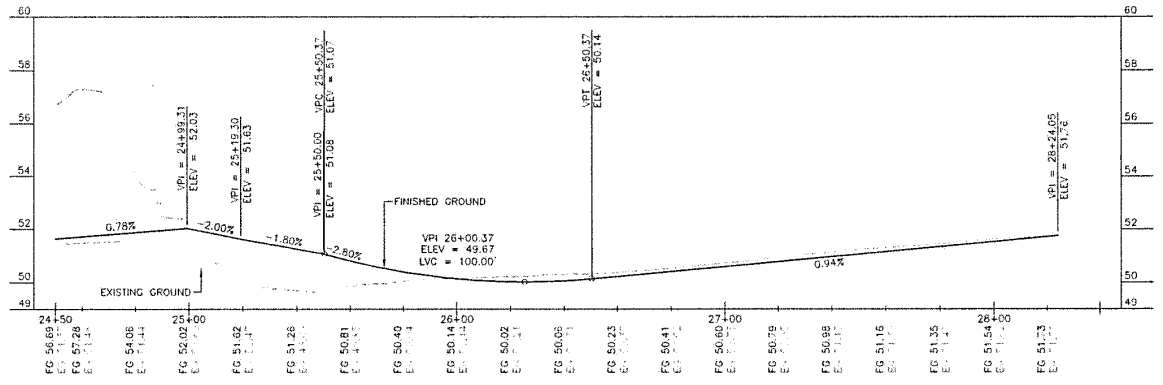
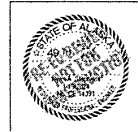
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFWHY 09403/0966030	2024	F4	F9



- CONSTRUCTION NOTES:**
1. MATCH TO EXISTING
 2. ADJUST TO FINISHED GRADE ALL VALVE BOXES, MANHOLES, AND OTHER UTILITIES WITH THE PROJECT LIMITS, UNLESS OTHERWISE SHOWN.
 3. EXISTING UTILITIES IN CONFLICT WITH IMPROVEMENTS TO BE RELOCATED BY OTHERS, UNLESS OTHERWISE SHOWN.
 4. RECONSTRUCT DRIVEWAY
 5. REMOVE AND DISPOSE OF EXISTING TRAFFIC SIGNAL INFRASTRUCTURE. COORDINATE WITH DOT&PF ON WHAT EQUIPMENT IS TO BE SALVAGED
 6. REMOVE & RELOCATE EXISTING CHAIN-LINK FENCE AND DOUBLE GATE
 7. UTILITY POLE TO BE RELOCATED BY OTHERS
 8. PRESERVE AND PROTECT EXISTING UTILITY POLE, CONDUIT, AND GUY ANCHORS
 9. PRESERVE AND PROTECT EXISTING STORM PIPE OUTFALL
 10. REMOVE AND DISPOSE OF EXISTING CONCRETE BLOCK RETAINING WALL
 11. CONSTRUCT RETAINING WALL
 12. PRESERVE AND PROTECT EXISTING BLOCK RETAINING WALL



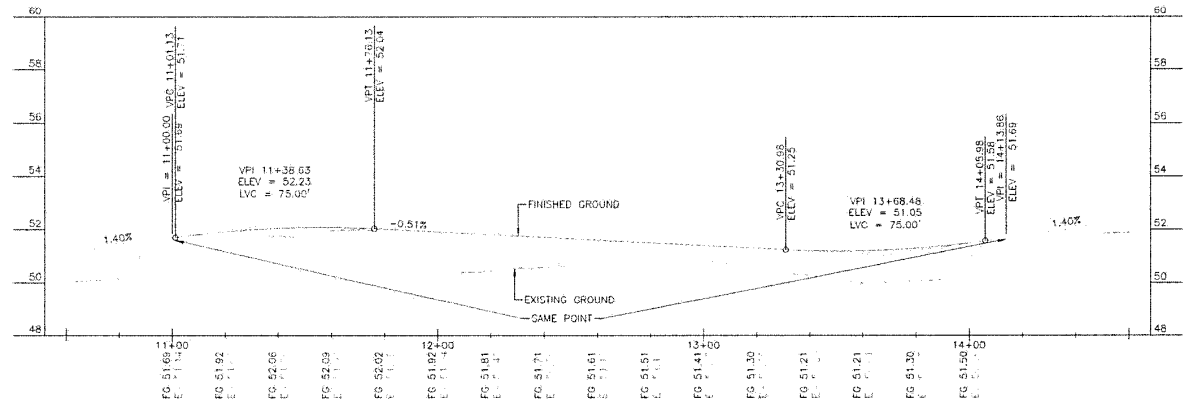
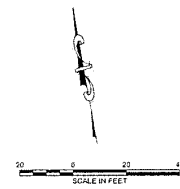
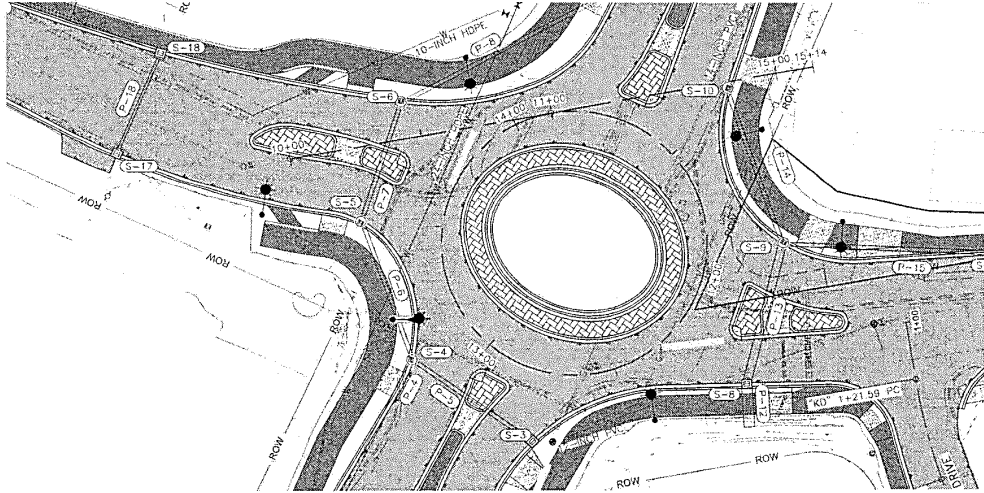
- NOTES FOR REVIEWER:**
1. LANDSCAPED CENTER ISLAND. DETAILS TO BE PROVIDED IN P11 SUBMITTAL



VALLEY BLVD

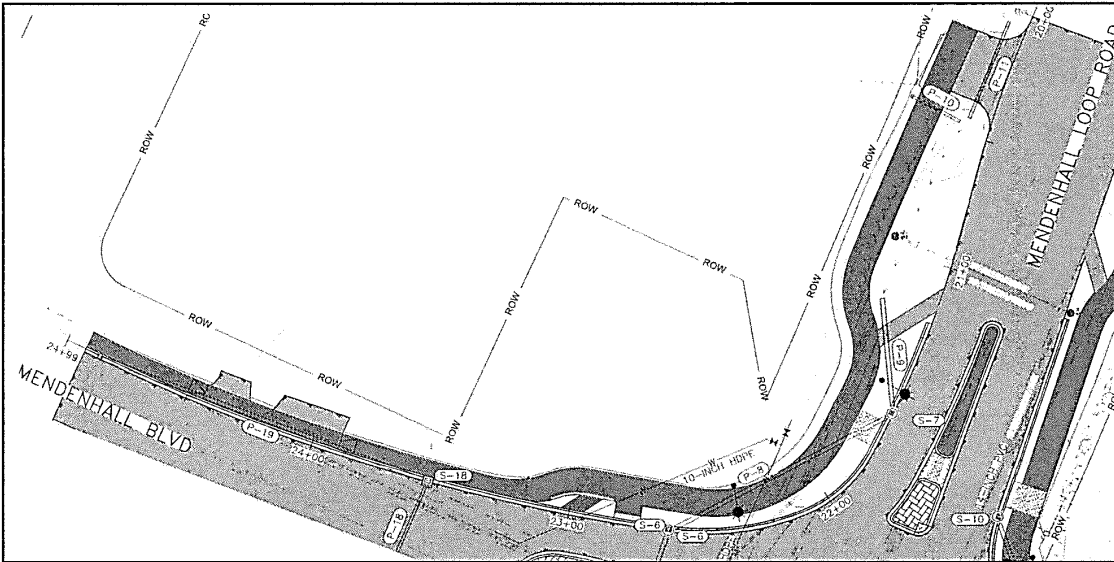
PLANS DEVELOPED BY: LOCAL 0085, CLAUDE HIGHWAY, JUNEAU, AK 99801 (907)780-3532
 C:\Users\jg02881\OneDrive\Documents\09403-0966030-0966030-F4.dwg, 10/19/24, 04:45pm

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFHWHY 09403/0966030	2024	F5	F9

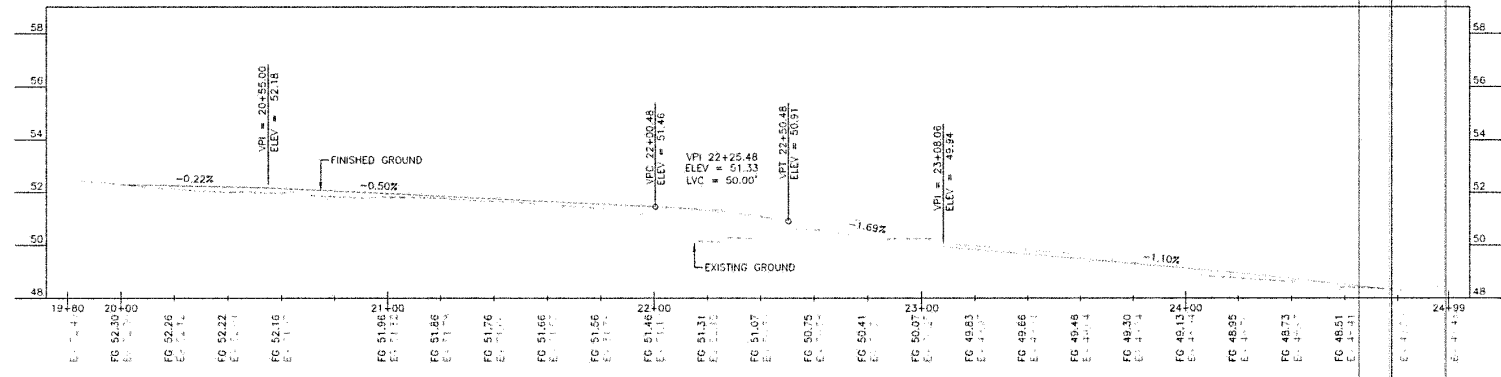
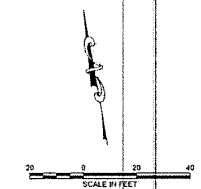


ROUNDBOUT CIRCULATORY PROFILE

PLANS DEVELOPED BY: DONALD R. GARDNER, JR., P.E., 9485 GLADIER HIGHWAY, JUNEAU, AK 99801, (907)780-3332
 C:\Users\jag\OneDrive\Documents\Projects\09403\0966030\F5_0966030.dwg



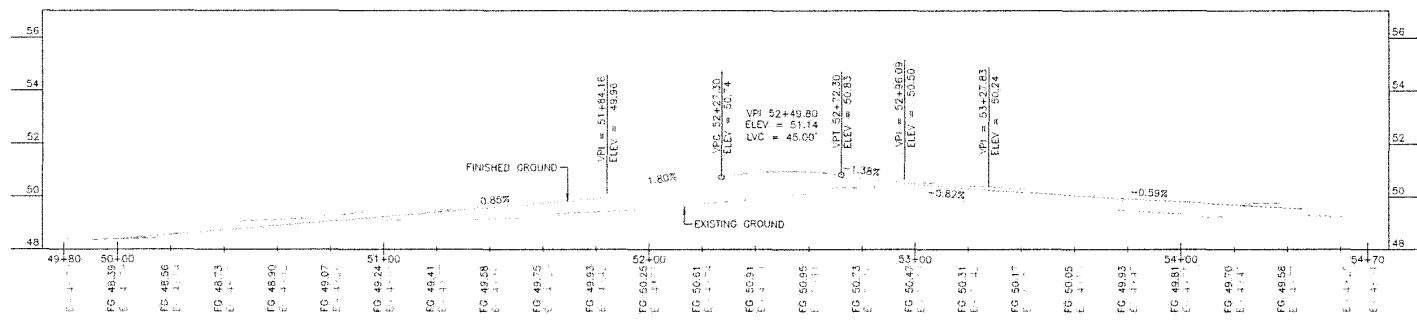
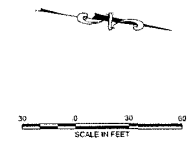
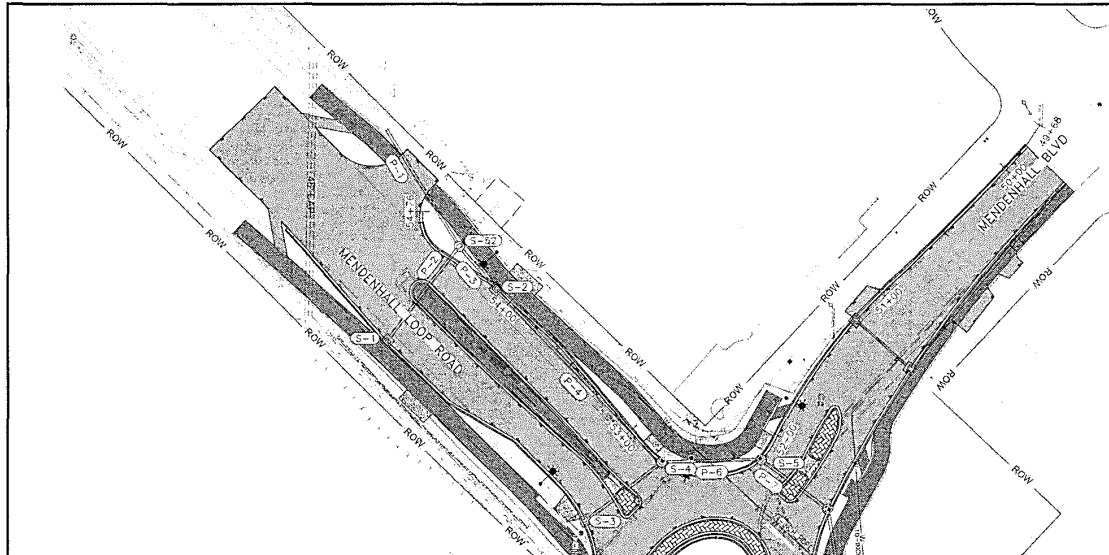
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFPHY 00403/0966030	2024	F6	F9



NORTHWEST CURB RETURN

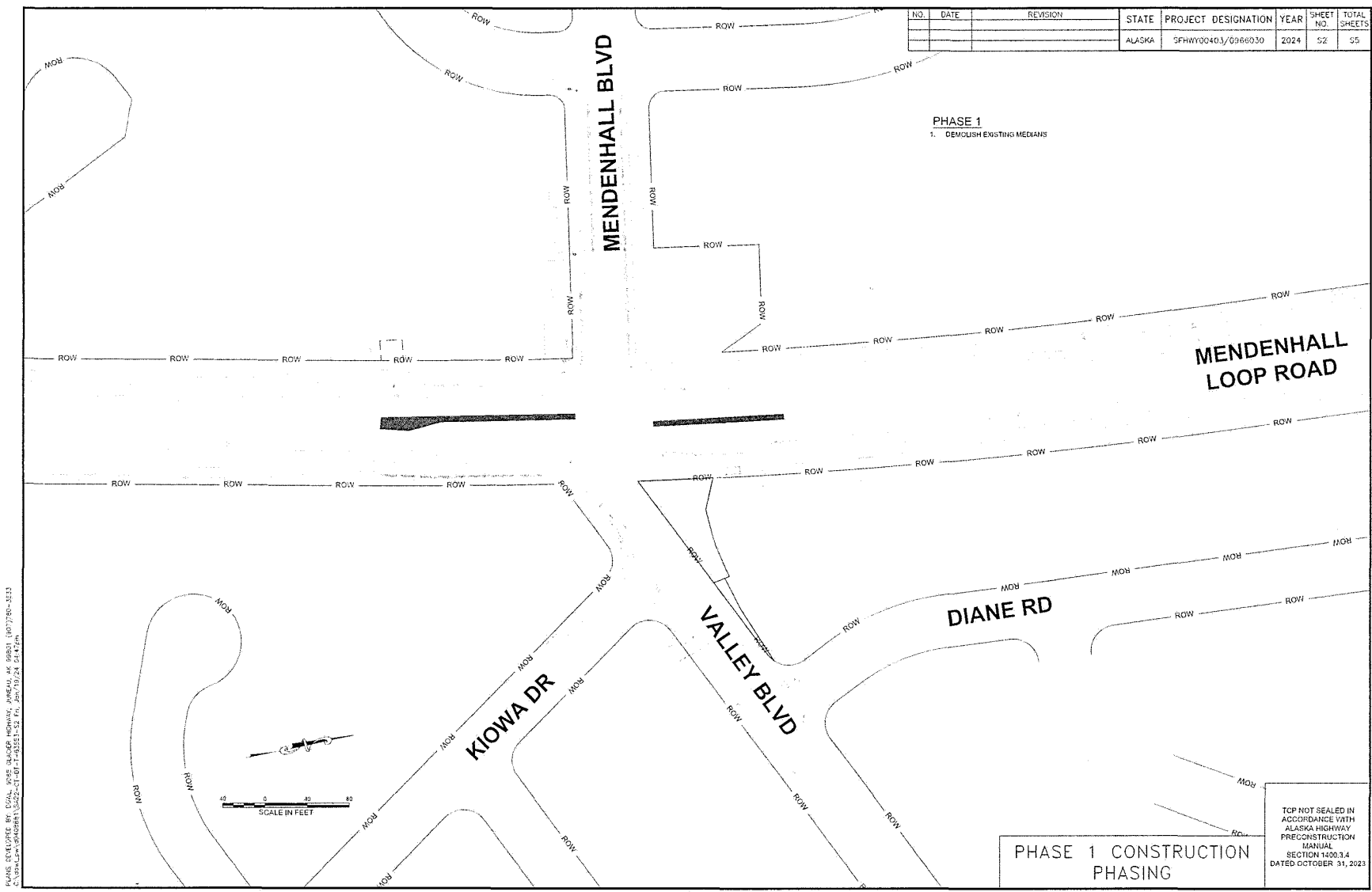
PLANS DEVELOPED BY: EOWAL, 9085 GLADIER HIGHWAY, JUNEAU, AK 99901 (907)780-3233
 C:\Users\j\OneDrive\Documents\2022-07-06-0553-18 Pln_24-11-24.dwg

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFHwy 00403/0966030	2024	F9	F9



SOUTHWEST CURB RETURN

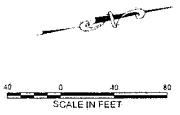
PLANS DEVELOPED BY: DEAN 955 QUADOP NOMEKX, ANCHORAGE, AK 99503 (907)780-3522
 C:\p\4\p\48888\10022-1-F9-1003-F9-F9_1001/1/24_04.ktm



NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFH00040.3/0366030	2024	52	55

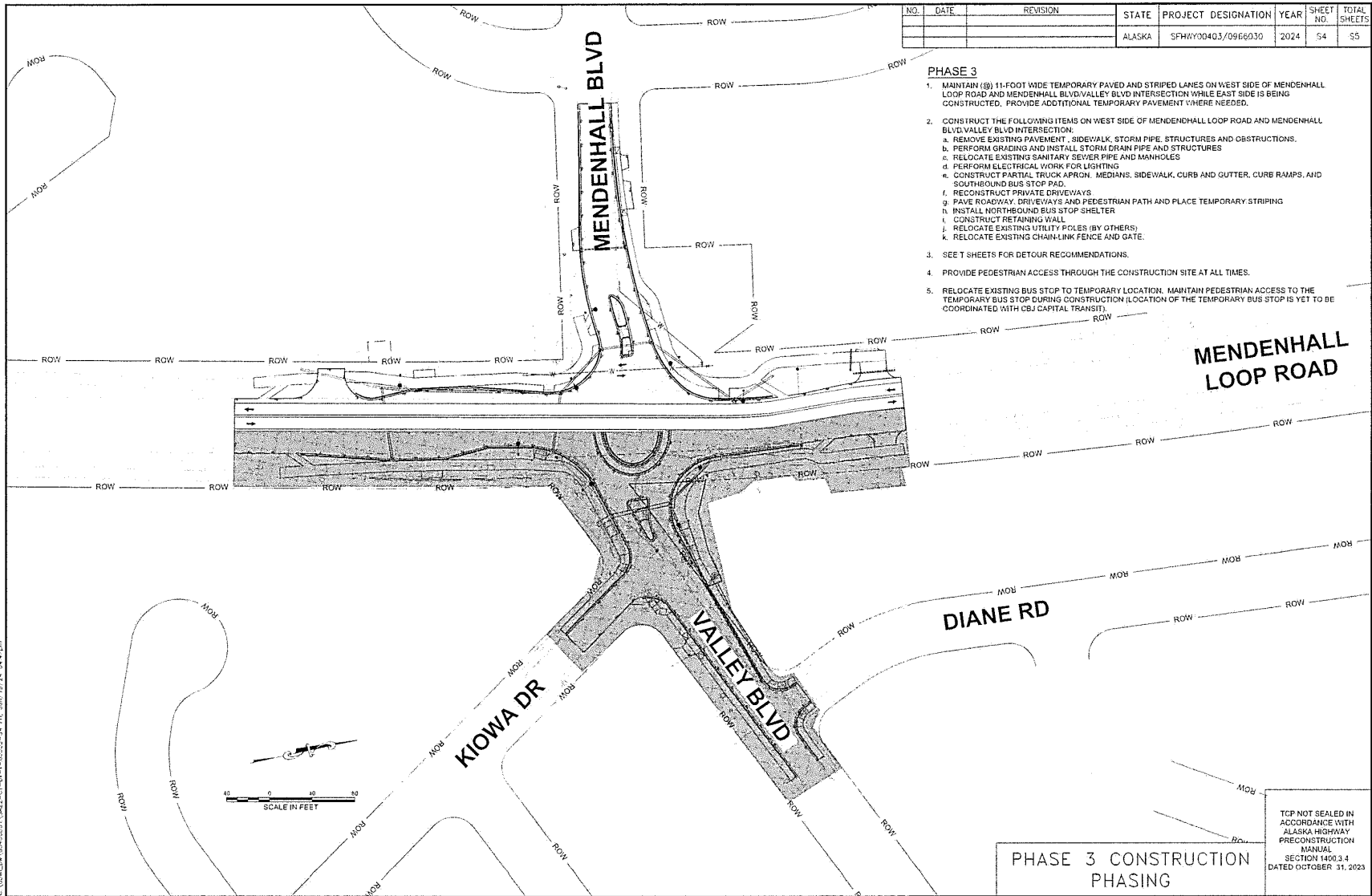
PHASE 1
1. DEMOLISH EXISTING MEDIANS

PLANS DEVELOPED BY: DUAL WAYS DESIGN, HEWLETT, ALASKA, 44 98801 (907)780-1111
 C:\Users\james@dualsd.com\Documents\2022-01-01-10-15-15-52_Fr_Apr_19_24_0-147.dwg

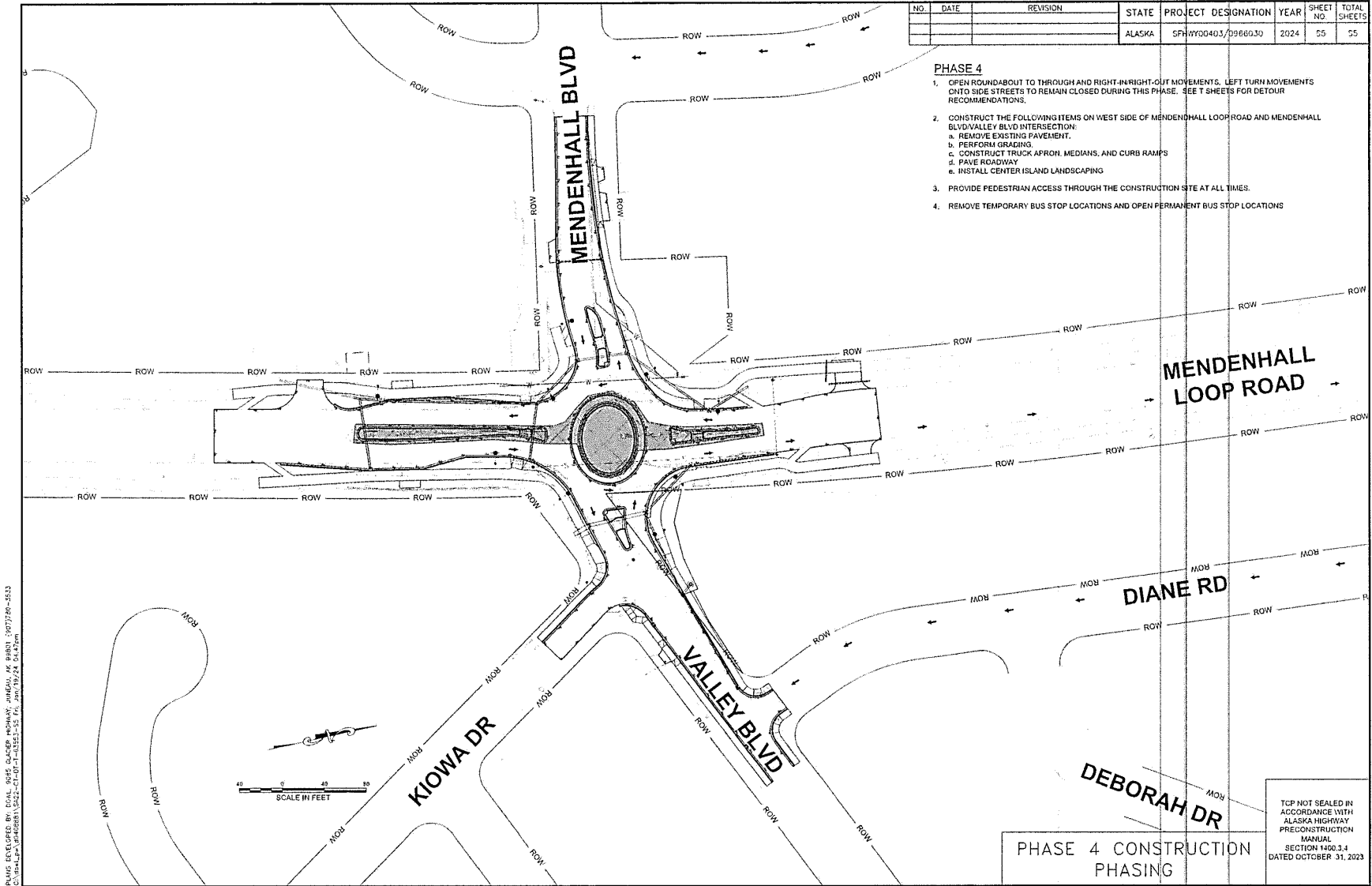


PHASE 1 CONSTRUCTION PHASING

TOP NOT SEALED IN ACCORDANCE WITH ALASKA HIGHWAY PRECONSTRUCTION MANUAL SECTION 1400.3.4 DATED OCTOBER 31, 2023



Attachment A - Application Packet



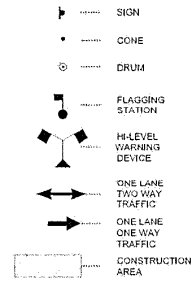
Attachment A - Application Packet

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFH00403/0966030	2024	11	15

TRAFFIC CONTROL NOTES

- IT IS THE INTENT OF THIS TRAFFIC CONTROL PLAN (TCP) TO INCLUDE ALL ITEMS REQUIRED TO DIRECT TRAFFIC THROUGH OR AROUND THE TRAFFIC CONTROL ZONE. ALL FINAL TRAFFIC CONTROL PLANS SHALL BE DEVELOPED BY THE CONTRACTOR AND SUBMITTED TO THE PROJECT ENGINEER PRIOR TO THE PROJECTS PRE-CONSTRUCTION MEETING.
- CONTRACTOR SHALL COORDINATE WITH PROPERTY OWNERS ON PROVIDING ACCESS TO PRIVATE PROPERTIES, FOR AN ACCEPTABLE TIME TO RECONSTRUCT DRIVEWAYS AND ACCESS FOR SERVICE VEHICLES, SUCH AS MAIL, WASTE COLLECTION, FUEL TRUCKS, ETC. TO PRIVATE PROPERTIES.
- MAINTAIN EXISTING OR TEMPORARY BUS STOPS, AND ACCESS TO THEM THROUGHOUT THE PROJECT. COORDINATE WITH THE CBI PRIOR TO TEMPORARY RELOCATION OR REMOVAL OF A BUS STOP.
- CONTRACTOR SHALL PROVIDE ACCESS TO PEDESTRIANS, INCLUDING THOSE WITH DISABILITIES, AND BICYCLE USERS THROUGH USE OF TEMPORARY SHUTTLE AND ALTERNATE PEDESTRIAN ROUTES. ALL TEMPORARY ROUTES AND SIDEWALKS SHALL BE ADEQUATELY SURFACED (SEC. 643.2.01).
- COORDINATE WITH ALASKA STATE TROOPERS, AMBULANCE SERVICES, LOCAL POLICE DEPARTMENT AND FIRE DEPARTMENT. PROVIDE IMMEDIATE ACCESS TO EMERGENCY VEHICLES THROUGHOUT THE PROJECT. DURING NON-WORKING HOURS, PROVIDE AND MARK LOCATIONS FOR EMERGENCY VEHICLES ACCESS (SEC. 643.3.03).
- CONTRACTOR SHALL COORDINATE WITH SCHOOL DISTRICT AND DOT/AFV PRIOR TO STARTING ANY CONSTRUCTION ACTIVITIES THAT IMPACT ACCESS TO THE GLACIER VALLEY ELEMENTARY SCHOOL AND FLOYD BRITTON HARBOR SCHOOL. (SEC. 643.3.03, 643.3.08)
- COORDINATE WITH IMPACTED BUSINESS OWNERS, INCLUDING DUCK CREEK MARKET AND ABERGAS PROPANE, AND ORGANIZATIONS PRIOR TO AND DURING CONSTRUCTION MAINTAIN EXISTING ACCESS AT ALL TIMES (SEC. 643.3.03)

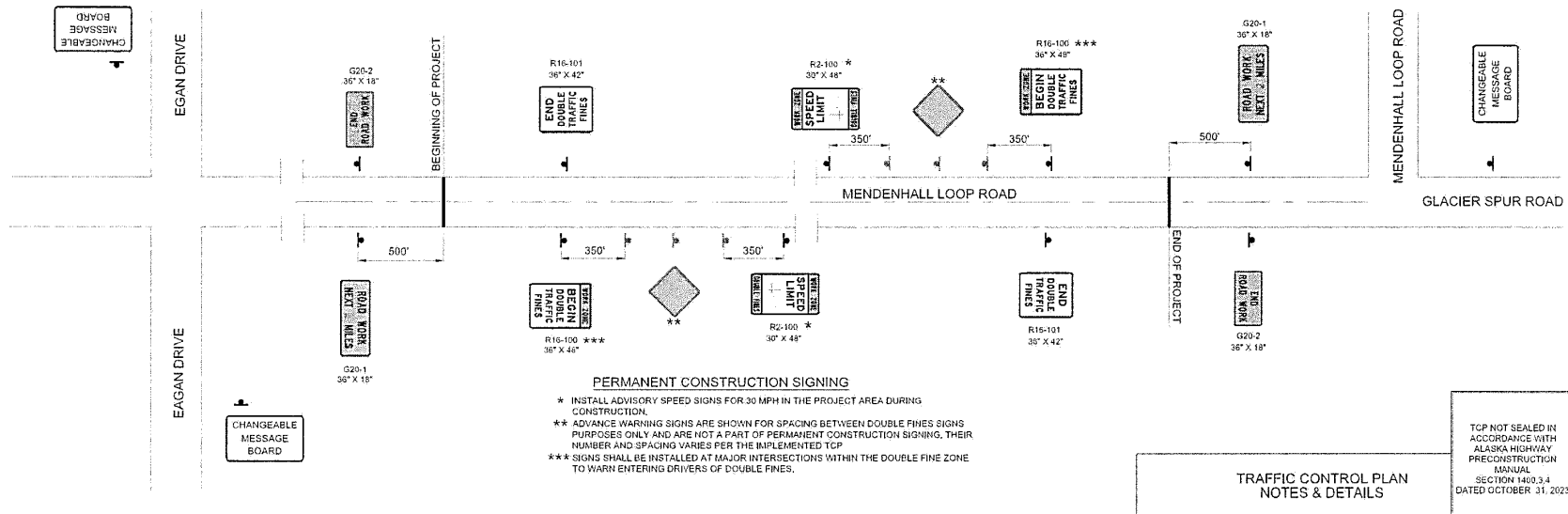
TCP LEGEND



TCP SETUP TABLE

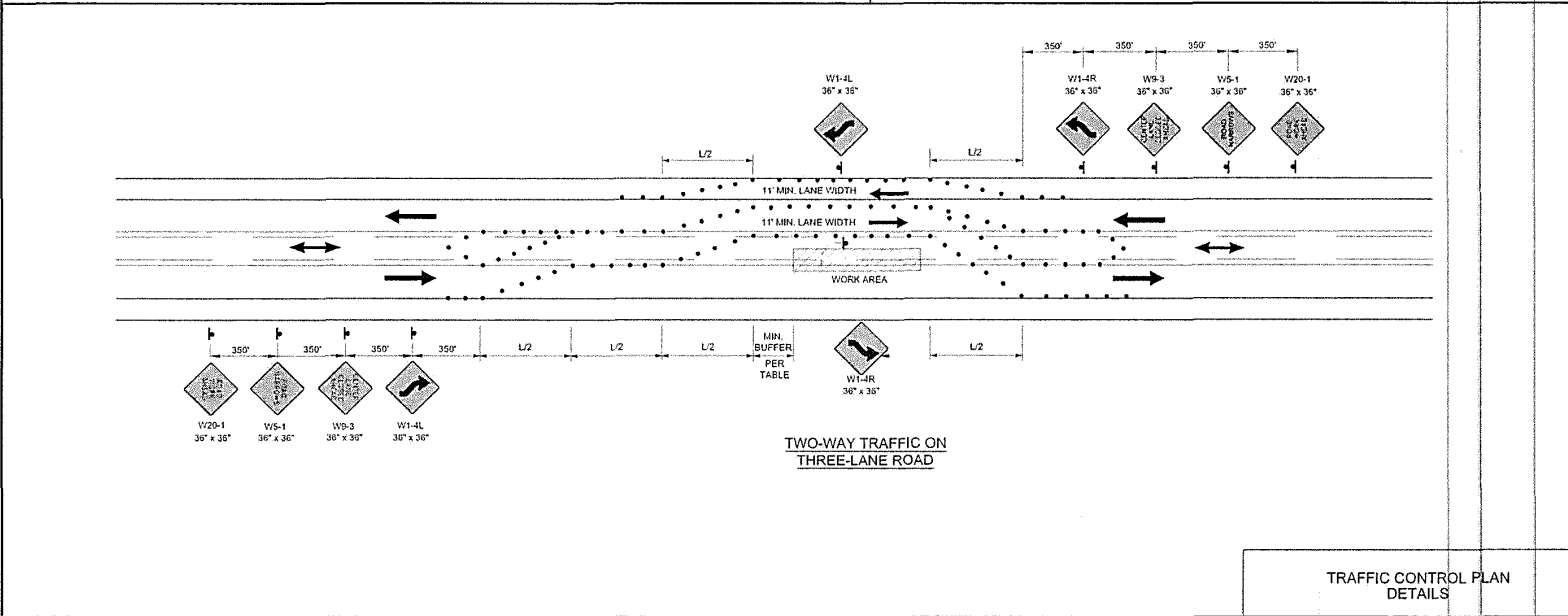
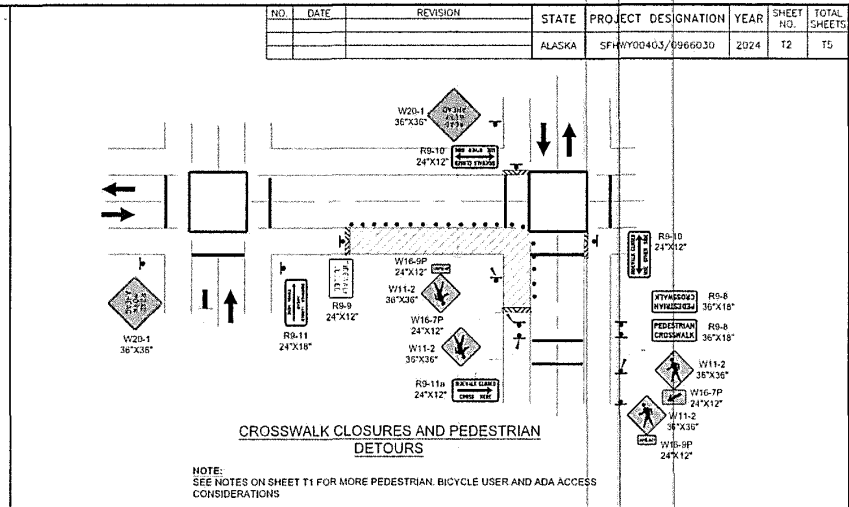
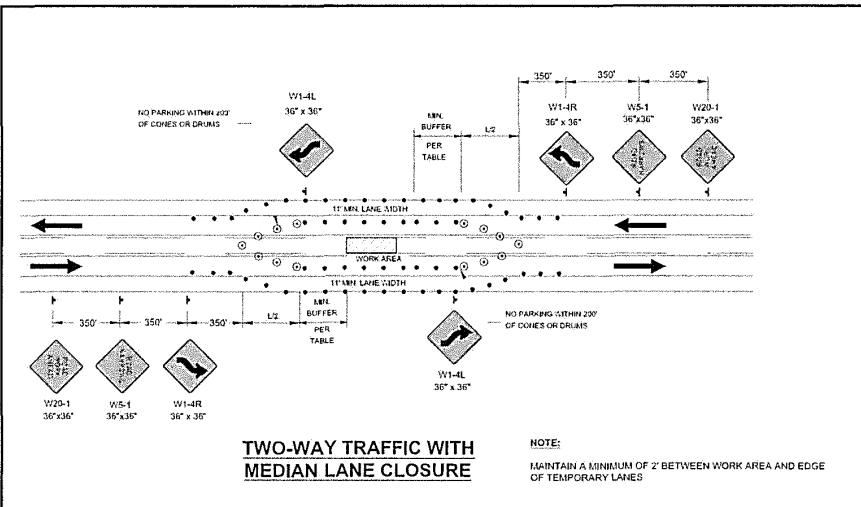
SPEED* (MPH)	MIN MERGING TAPER LENGTH (L) IN FEET			MIN NUMBER OF DEVICES WIDTH OF OFFSET (W) IN FEET			MAX DEVICE SPACING IN FEET		BUFFER SPACE IN FEET **
	10'	11'	12'	10'	11'	12'	ALONG TAPER	ALONG TANGENT	
25 OR BELOW	105	115	125	6	6	6	25	50	155
30	150	165	180	6	7	7	30	60	200
35	205	225	245	7	8	8	35	70	250
40	270	295	320	8	9	9	40	80	305
45	450	495	540	11	12	13	45	90	350
50	500	550	600	11	12	13	45	90	425
55	550	605	660	11	12	13	45	90	455
60	600	660	720	11	12	13	45	90	570

* POSTED SPEED LIMIT, OR OFF-PEAK 85TH PERCENTILE SPEED PRIOR TO WORK STARTING, OR THE ANTICIPATED OPERATING SPEED IN MPH
 ** LONGITUDINAL BUFFER SPACE IS SHOWN IN THE TABLE. LATERAL BUFFER SPACE TO BE DETERMINED AND WILL VARY DEPENDING ON PHASE



PLANS DEVELOPED BY: LEVAL, PINS, JONDER, HOHMAN, AIRBAUM, AK 09801, 99727-20-0033
 C:\Users\leval\Documents\2024\0101-1485823-11_Traffic\1/24_0448.rvt

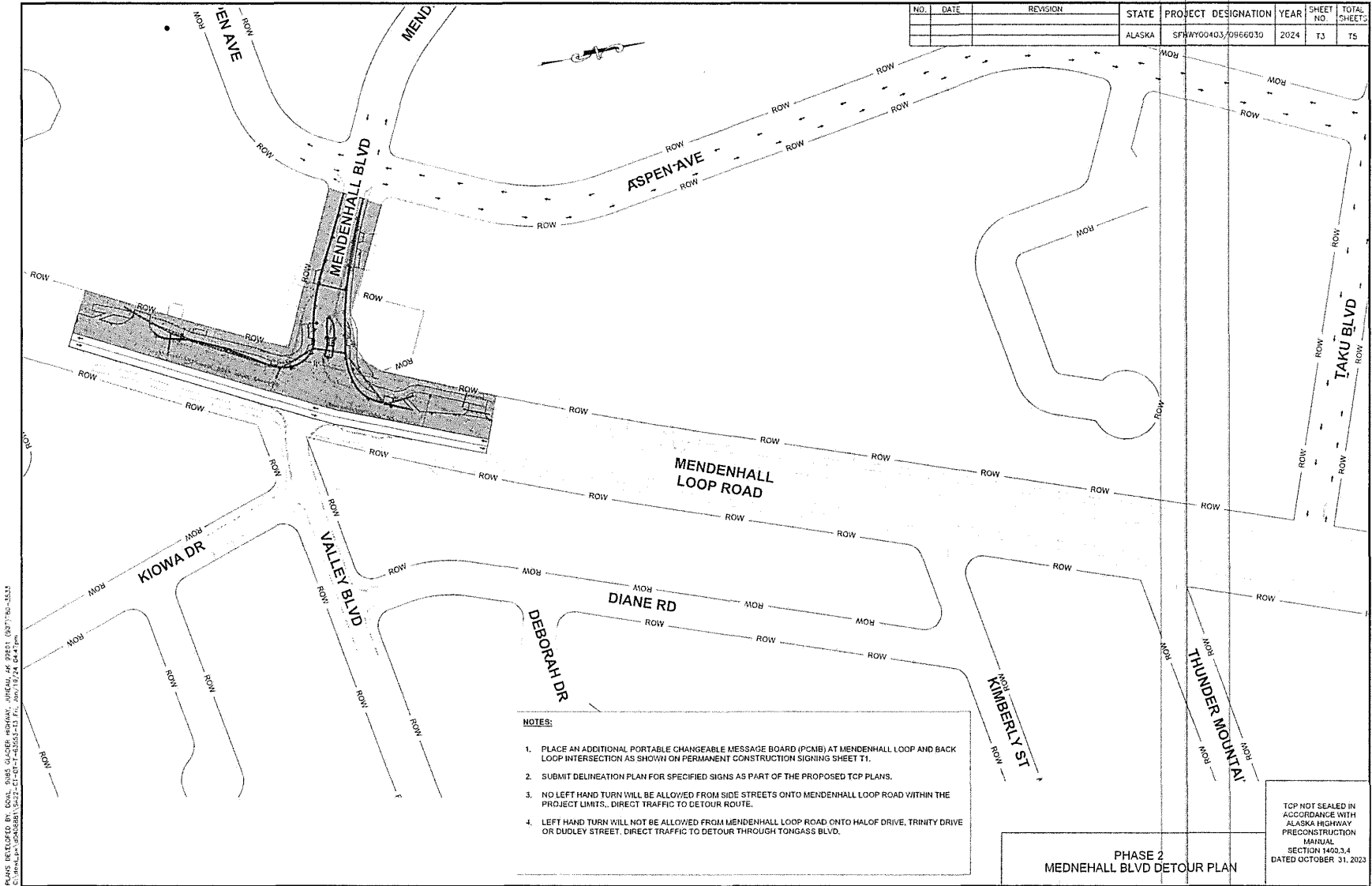
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFH-WY00403/0966030	2024	T2	T5



TOP NOT SEALED IN ACCORDANCE WITH ALASKA HIGHWAY RECONSTRUCTION MANUAL SECTION 1400.3.4 DATED OCTOBER 31, 2023

PLANS DEVELOPED BY: DONALD SIMS, GLACIER HIGHWAY, JUNEAU, AK 99801 (907)750-2533
 C:\sims\paw\6428881\6428-CP-01-14-2523-12 PL_000119-24-DK-47.mxd

TRAFFIC CONTROL PLAN DETAILS



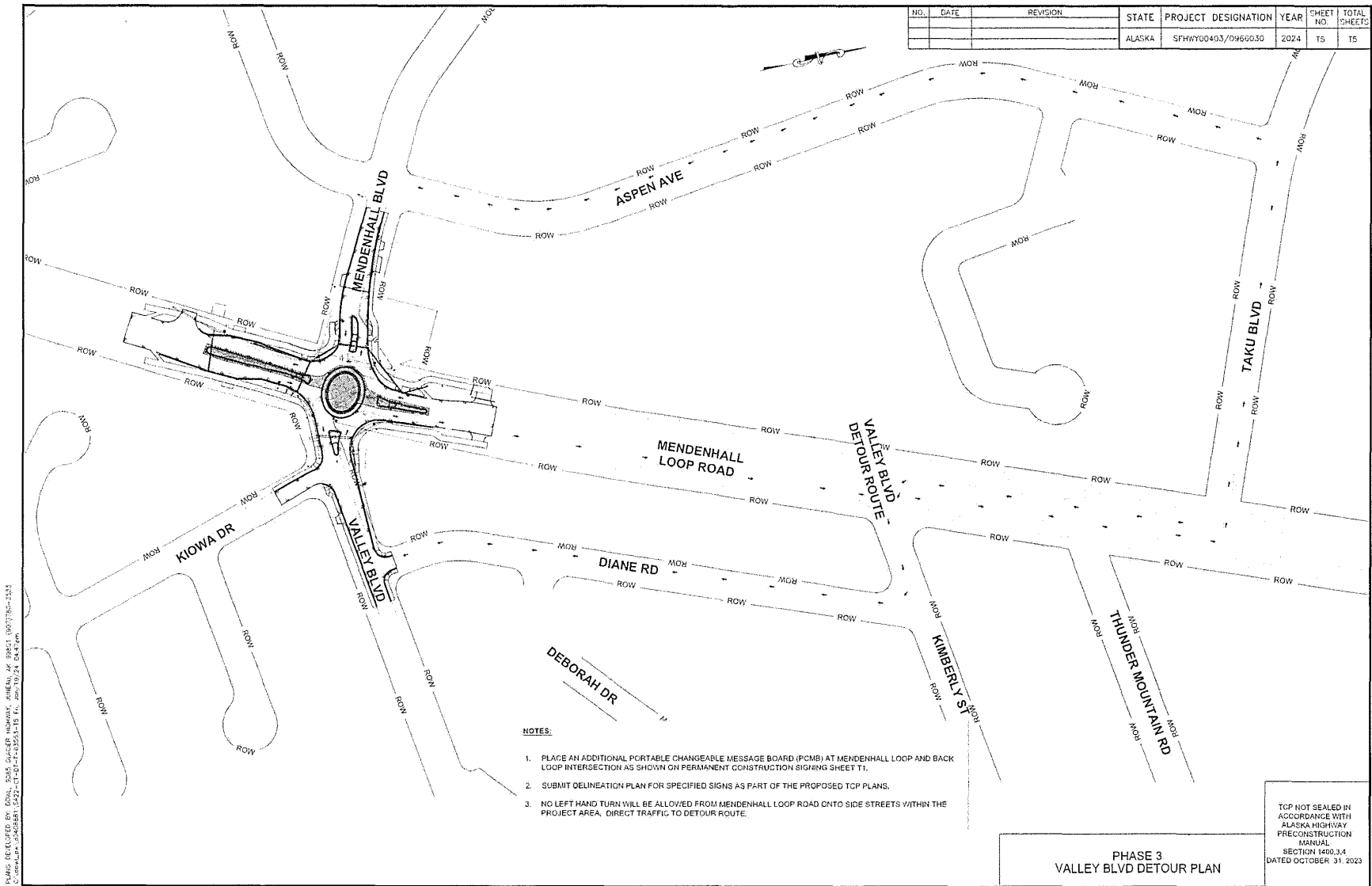
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFWY00403/0966030	2024	TJ	T5

- NOTES:**
1. PLACE AN ADDITIONAL PORTABLE CHANGEABLE MESSAGE BOARD (PCMB) AT MENDENHALL LOOP AND BACK LOOP INTERSECTION AS SHOWN ON PERMANENT CONSTRUCTION SIGNING SHEET T1.
 2. SUBMIT DELINEATION PLAN FOR SPECIFIED SIGNS AS PART OF THE PROPOSED TCP PLANS.
 3. NO LEFT HAND TURN WILL BE ALLOWED FROM SIDE STREETS ONTO MENDENHALL LOOP ROAD WITHIN THE PROJECT LIMITS. DIRECT TRAFFIC TO DETOUR ROUTE.
 4. LEFT HAND TURN WILL NOT BE ALLOWED FROM MENDENHALL LOOP ROAD ONTO HALOF DRIVE, TRINITY DRIVE OR DUDLEY STREET. DIRECT TRAFFIC TO DETOUR THROUGH TONGASS BLVD.

PHASE 2
MENDENHALL BLVD DETOUR PLAN

TCP NOT SEALED IN ACCORDANCE WITH ALASKA HIGHWAY PRECONSTRUCTION MANUAL SECTION 1400.3.4 DATED OCTOBER 31, 2023

PLANS DEVELOPED BY: ROWAN BIRSE, CLARKE HEDRICK, JPH/CAJ, AK 97801, (907) 750-1533
 C:\Users\jph\OneDrive\Documents\1822-01-01-143503-13 Fr. 2024\10/24/24/0447.rvt



NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFHYY00403/0966030	2024	T5	T5

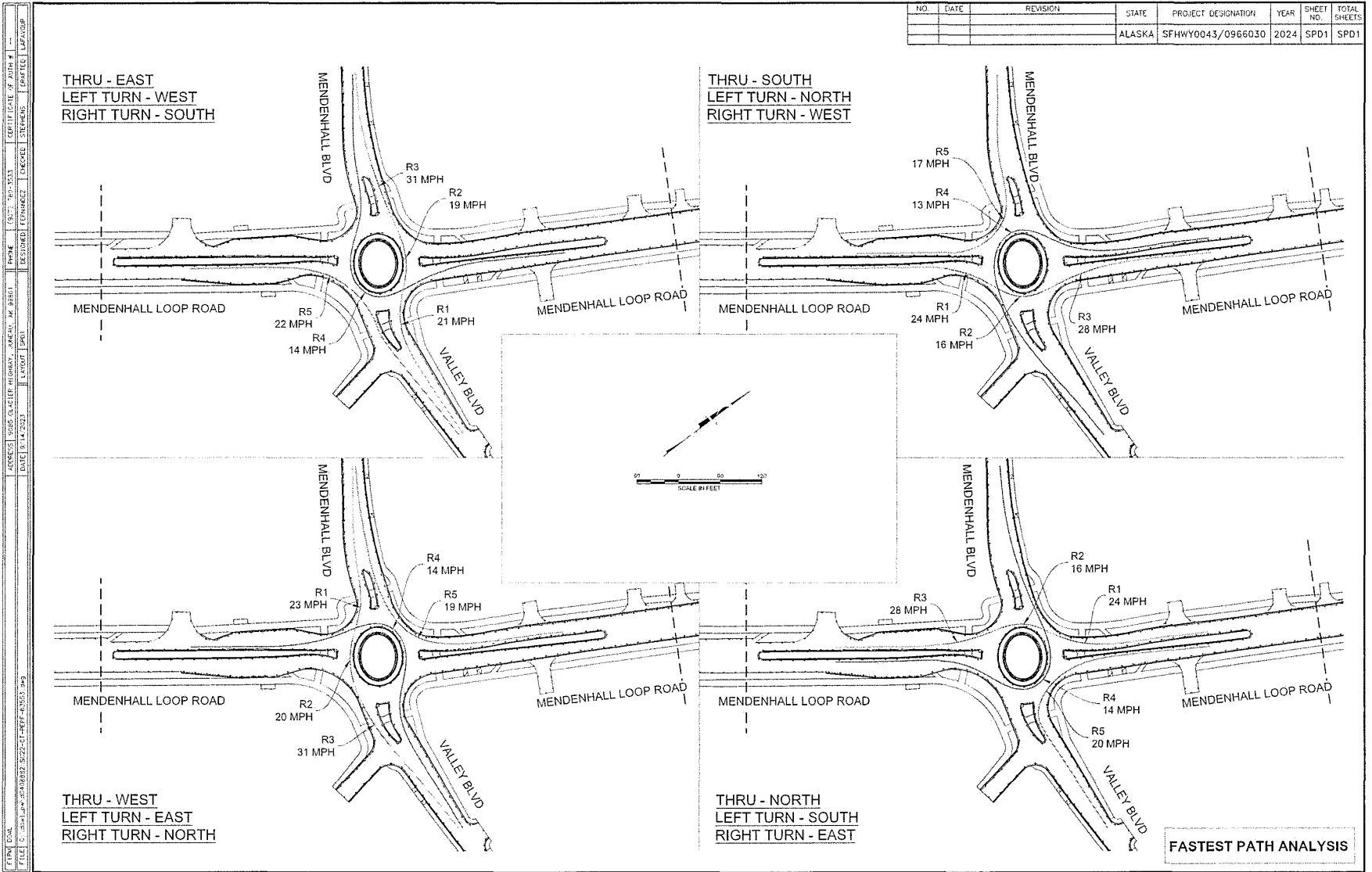
PLANS PREPARED BY: DOW, 2045 SUTCLIFF HIGHWAY, ANCHORAGE, AK 99501, 907.736.2523
 C:\work\p\15489881\5421-01-01-15051-15 E.dwg, 10/24/24, 04:47pm

- NOTES:**
1. PLACE AN ADDITIONAL PORTABLE CHANGEABLE MESSAGE BOARD (PCMB) AT MENDENHALL LOOP AND BACK LOOP INTERSECTION AS SHOWN ON PERMANENT CONSTRUCTION SIGNING SHEET T1.
 2. SUBMIT DELINEATION PLAN FOR SPECIFIED SIGNS AS PART OF THE PROPOSED TCP PLANS.
 3. NO LEFT HAND TURN WILL BE ALLOWED FROM MENDENHALL LOOP ROAD ONTO SIDE STREETS WITHIN THE PROJECT AREA. DIRECT TRAFFIC TO DETOUR ROUTE.

PHASE 3
VALLEY BLVD DETOUR PLAN

TCP NOT SEALED IN ACCORDANCE WITH ALASKA HIGHWAY PRECONSTRUCTION MANUAL
 SECTION 1400.3.4
 DATED OCTOBER 31, 2023

Appendix B
Fastest Path Analysis

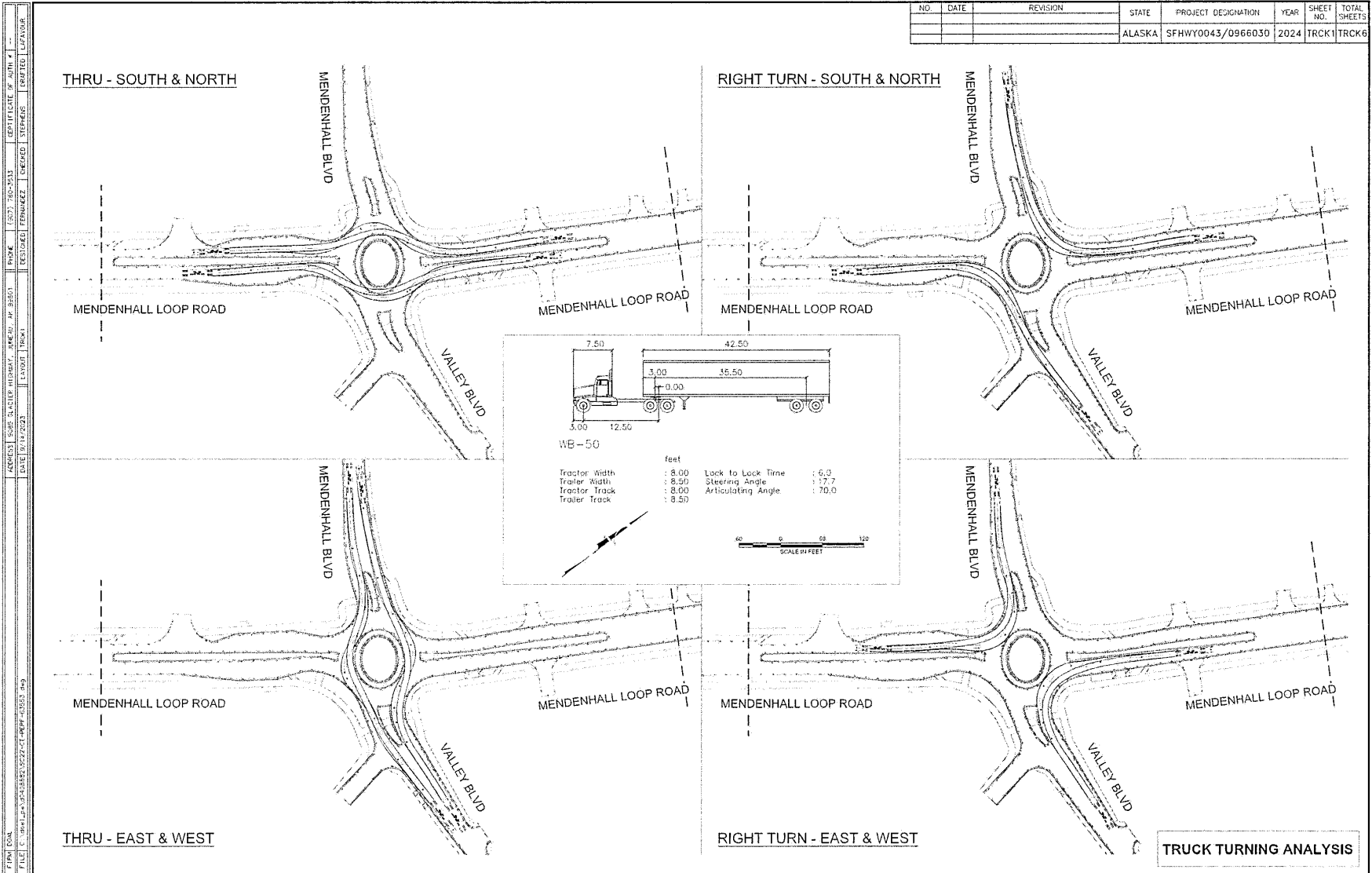


FIRM: G&L
 FILE: C:\Users\laura\OneDrive\Documents\2024\09\22-CT-FREF-43553-043
 ADDRESS: 5805 GLACIER HIGHWAY, ANCHORAGE, AK 99501
 PHONE: (907) 553-5533
 DATE: 9/14/2023
 LAYOUT: SPD1
 CHECKED: STEPHENS
 DESIGNED: LAFAYETTE

Attachment A - Application Packet

Appendix C
Truck Turning Analysis

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFWHY0043/0966030	2024	TRCK1	TRCK6



F:\WORK\ALASKA\PROJECTS\2024\TRUCK TURNING ANALYSIS\TRUCK TURNING ANALYSIS.dwg
 DATE: 9/20/2024
 USER: JLD
 PROJECT: TRUCK TURNING ANALYSIS
 SHEET: TRCK2
 TOTAL SHEETS: TRCK6
 STATE: ALASKA
 PROJECT DESIGNATION: SFHWY0043/0966030
 YEAR: 2024
 SHEET NO.: TRCK2
 TOTAL SHEETS: TRCK6

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFHWY0043/0966030	2024	TRCK2	TRCK6

LEFT TURN - SOUTH

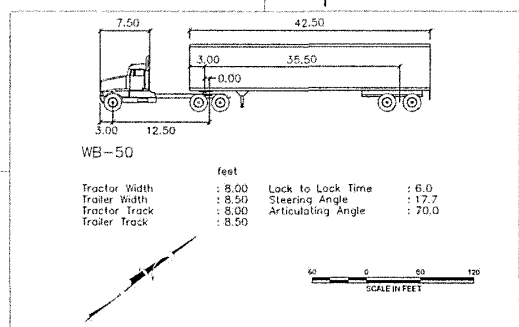
LEFT TURN - WEST

MENDENHALL LOOP ROAD

MENDENHALL LOOP ROAD

MENDENHALL LOOP ROAD

MENDENHALL LOOP ROAD

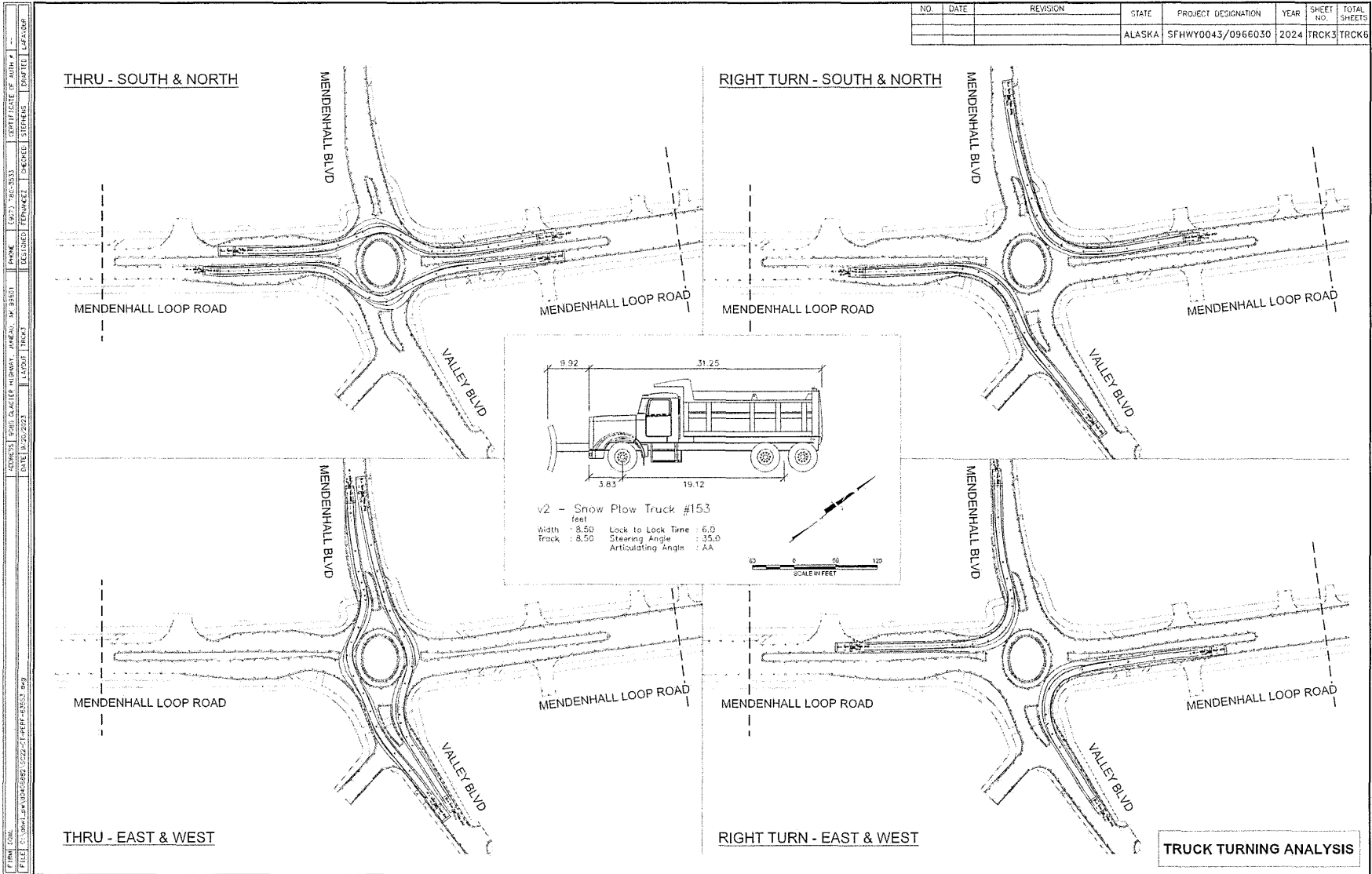


LEFT TURN - NORTH

LEFT TURN - EAST

TRUCK TURNING ANALYSIS

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFHWHY0043/0966030	2024	TRCK3	TRCK6



F:\WORK\2024\09\0966030\0966030_0222\01\TRCK4\10553.dwg
 FILE: C:\Users\jw\OneDrive\Documents\10553.dwg
 DATE: 9/26/2024
 TIME: 10:53:53 AM
 USER: JACOB W. JACOB
 PROJECT: 0966030
 SHEET: TRCK4
 LAYOUT: TRCK4
 CERTIFICATE OF AUTHORITY
 REGISTERED PROFESSIONAL ENGINEER
 CHECKED: STEPHENUS
 PARALLEL: LAYDOWN

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFWHY0043/0966030	2024	TRCK4	TRCK6

LEFT TURN - SOUTH

LEFT TURN - WEST

MENDENHALL LOOP ROAD

MENDENHALL LOOP ROAD

MENDENHALL LOOP ROAD

MENDENHALL LOOP ROAD

MENDENHALL BLVD

MENDENHALL BLVD

VALLEY BLVD

VALLEY BLVD

MENDENHALL BLVD

MENDENHALL BLVD

MENDENHALL LOOP ROAD

MENDENHALL LOOP ROAD

MENDENHALL LOOP ROAD

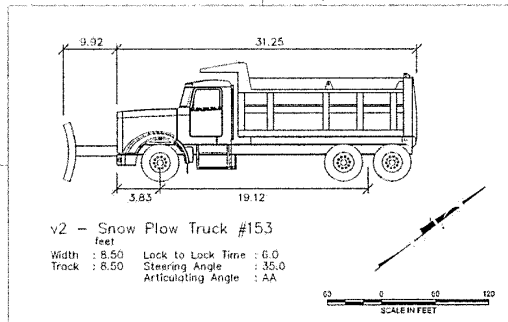
MENDENHALL LOOP ROAD

VALLEY BLVD

VALLEY BLVD

LEFT TURN - NORTH

LEFT TURN - EAST

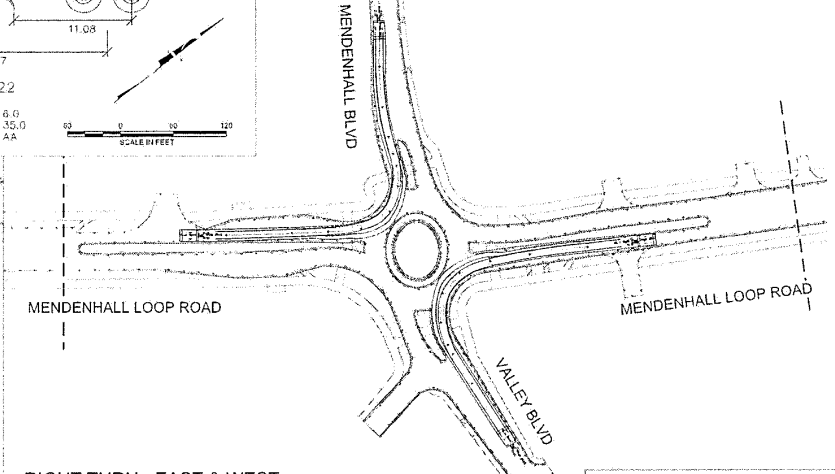
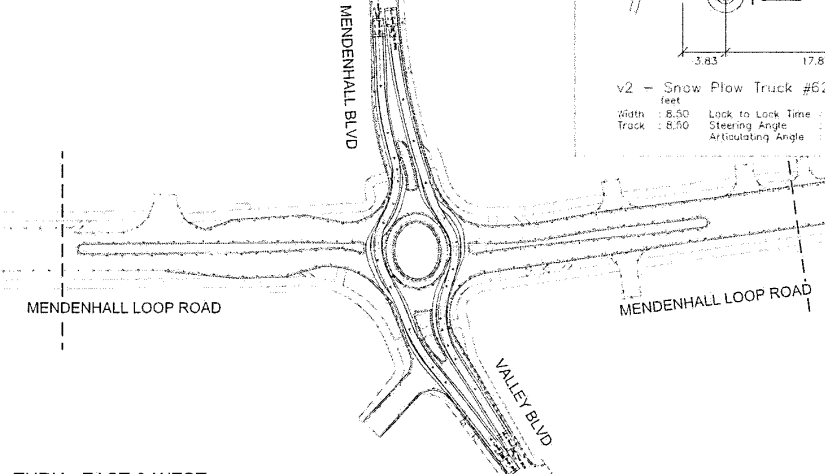
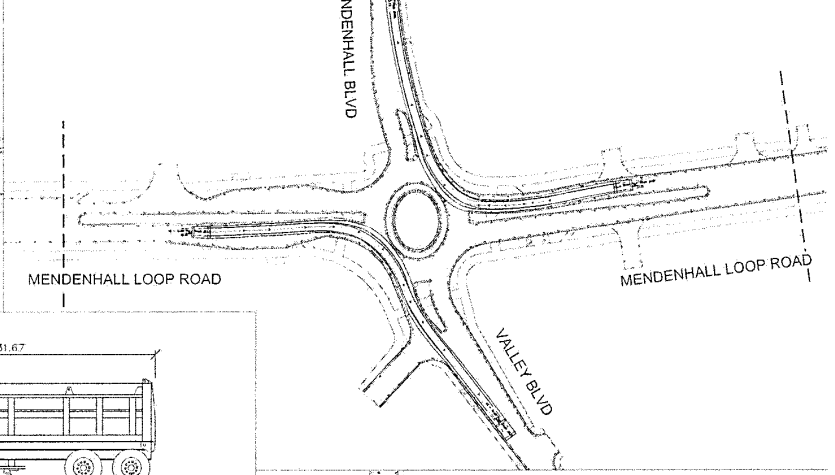
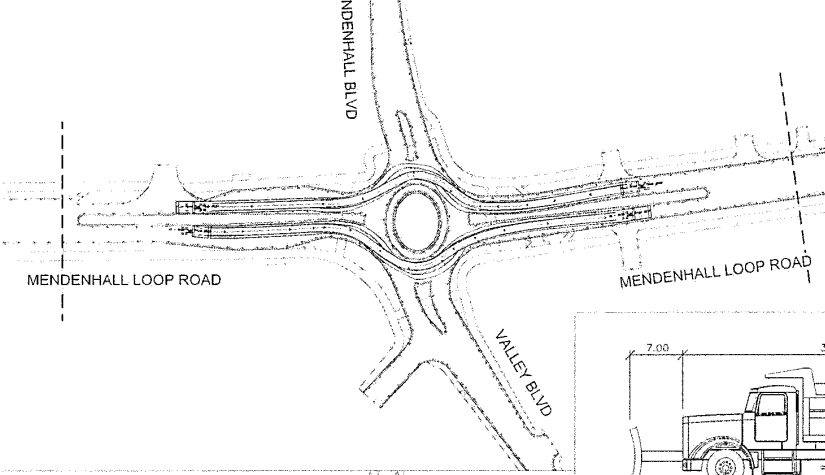


TRUCK TURNING ANALYSIS

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFWY0043/0966030	2024	TRCK5	TRCK6

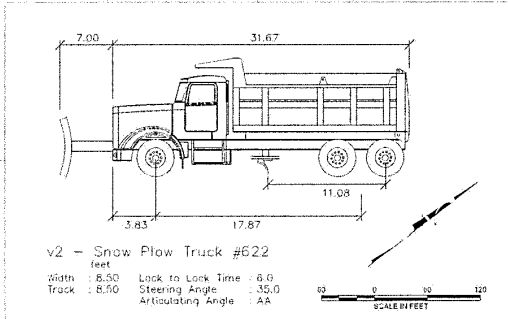
THRU - SOUTH & NORTH

RIGHT TURN - SOUTH & NORTH



THRU - EAST & WEST

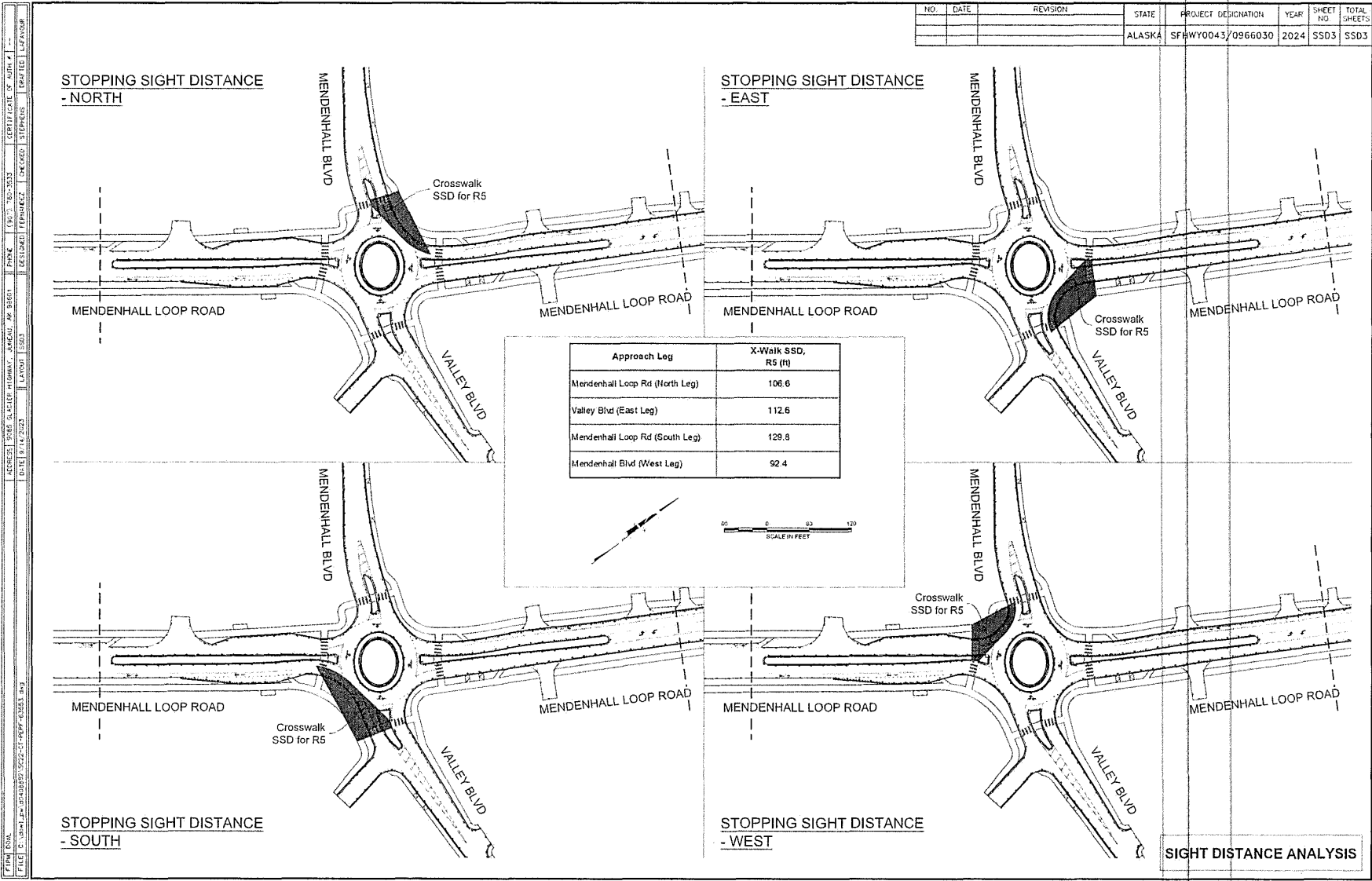
RIGHT TURN - EAST & WEST



TRUCK TURNING ANALYSIS

PROJECT NO. 2024-0001 SHEET NO. TRCK5 TOTAL SHEETS 6
 DATE: 10/20/2023 DRAWN: JLD CHECKED: JLD IN CHARGE: JLD
 PROJECT: 2024-0001 - ALASKA STATE HIGHWAY IMPROVEMENT PROJECT - WY 2024
 ADDRESS: 1805 S. VALLEY BLVD, ANCHORAGE, AK 99503
 PHONE: (907) 263-5133 FAX: (907) 263-5133
 DESIGNER: ENGINEERING CONTRACTOR:

Appendix D
Sight Distance Analysis



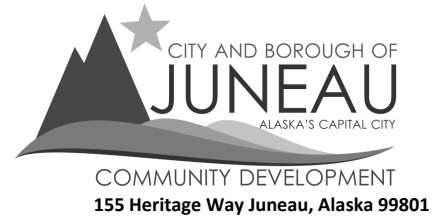
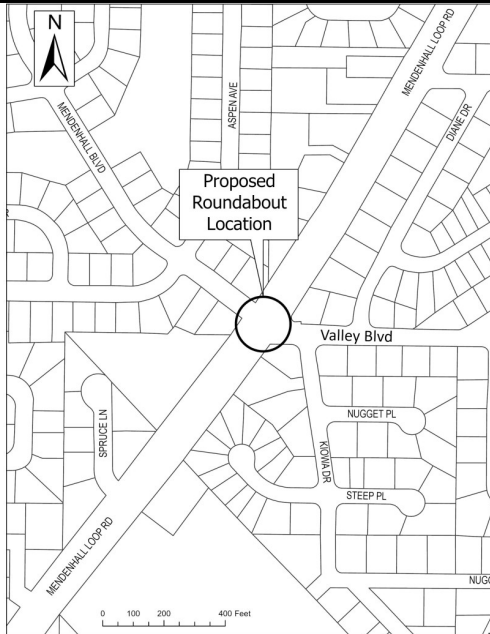
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SFRHWY0043/0966030	2024	SSD3	SSD3

PROJECT NO. 2024-01-001
 PROJECT NAME: R5 CROSSWALK STOPPING SIGHT DISTANCE ANALYSIS
 DATE: 12/14/2023
 DRAWN BY: J. SMITH
 CHECKED BY: M. JOHNSON
 DESIGNED BY: M. JOHNSON
 PROJECT MANAGER: J. SMITH
 CLIENT: ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC SAFETY
 SHEET NO. 3 OF 3
 TOTAL SHEETS 3

Invitation to Comment

On a proposal to be heard by the CBJ Planning Commission

Your Community, Your Voice



TO

State Project Review has been submitted for consideration and public hearing by the Planning Commission to **replace the intersection with a single lane roundabout at Mendenhall Loop Road-Valley Boulevard-Mendenhall Boulevard** in a D5 zone.

PROJECT INFORMATION:

Project Information can be found at:
<https://juneau.org/community-development/short-term-projects>

PLANNING COMMISSION DOCUMENTS:

Staff Report expected to be posted **September 3, 2024** at
<https://juneau.org/community-development/planning-commission>
 Find hearing results, meeting minutes, and more here, as well.

Now through August 19	August 20 - noon, September 6	HEARING DATE & TIME: 7:00 pm, September 10, 2024	September 11
Comments received during this period will be sent to the Planner, Jason Larson , to be included as an attachment in the staff report.	Comments received during this period will be sent to Commissioners to read in preparation for the hearing.	This meeting will be held remotely, NOT in person. Please join the Webinar by visiting https://juneau.zoom.us/j/85470844745 and use the Webinar ID: 854 7084 4745 OR join by telephone, calling: 1-253-215-8782 and enter the Webinar ID (above).	The results of the hearing will be posted online.

FOR DETAILS OR QUESTIONS,

Phone: (907)586-0753 ext. 4139
 Email: pc_comments@juneau.gov or jason.larson@juneau.gov
 Mail: Community Development, 155 Heritage Way, Juneau AK 99801

Case No.: CSP2024 0002
Parcel No.: N/A
CBJ Parcel Viewer: <http://epv.juneau.org>



(907) 586-0715
CDD_Admin@juneau.org
www.juneau.org/community-development
155 S. Seward Street • Juneau, AK 99801

COMMUNITY DEVELOPMENT DEPARTMENT - REQUEST FOR AGENCY COMMENT

DEPARTMENT: CDD
STAFF PERSON/TITLE: Jay Larson, Planner II
DATE: August 5, 2024
APPLICANT: Nathan Purvue
TYPE OF APPLICATION: State Project Review

PROJECT DESCRIPTION:

Applicant requests a State Project Review to replace the signalized intersection of the Mendenhall Loop Road-Valley Boulevard-Mendenhall Boulevard with a single lane roundabout.

LEGAL DESCRIPTION: USGS QUAD B-2 NW Section T40S R66E Copper River Meridian
PARCEL NUMBER(S): 0
PHYSICAL ADDRESS: intersection of the Mendenhall Loop Road-Valley Boulevard-Mendenhall Boulevard

SPECIFIC QUESTIONS FROM PLANNER:

AGENCY COMMENTS:

I have reviewed these plans with ADOT thoroughly in the past, and have confirmed that the project does not impact a Special Flood Hazard Area and does not need a Floodplain Development Permit. - Teri Rehfeldt, Sr. Planner, CFI, Flood Specialist

AGENCY COMMENTS (CONTINUED):



Attachment D - Public Notice sign photo near intersection

From: Barry Nydam <thewho20006@yahoo.com>
Sent: Wednesday, September 4, 2024 9:09 AM
To: PC_Comments
Subject: Valley Blvd roundabout.

EXTERNAL E-MAIL: BE CAUTIOUS WHEN OPENING FILES OR FOLLOWING LINKS

The traffic light works fine. I'd rather see a round about and improved intersection at glacier spur and backloop. The bus stop is in a poor spot and that cross walk is a Hazzard. Folks turning on to backloop always fly through. I've been close to being hit several times crossing. The cars will stop for you at the stop sign at the crosswalk, but cars coming from loop road do not. Need to slow traffic there

[Yahoo Mail: Search, Organize, Conquer](#)

From: Sean Strauss <strauss.sean@gmail.com>
Sent: Wednesday, September 4, 2024 9:48 AM
To: PC_Comments
Subject: Supporting proposed roundabout for Loop Rd & Valley Blvd

EXTERNAL E-MAIL: BE CAUTIOUS WHEN OPENING FILES OR FOLLOWING LINKS

Hello,

For the record, I support the proposed roundabout for the intersection of Loop Rd & Valley Blvd.

Thank you,

Sean

--

Sean Strauss
strauss.sean@gmail.com
[1-907-419-7966](tel:1-907-419-7966)

"Creativity takes courage"
— Henri Matisse

From: fred3@laplantes.org
Sent: Wednesday, September 4, 2024 9:56 AM
To: PC_Comments
Subject: Roundabout @ Mendenhall Loop and Valley Blvd.

EXTERNAL E-MAIL: BE CAUTIOUS WHEN OPENING FILES OR FOLLOWING LINKS

Dear Planning committee,

I understand the ease of use of the roundabout and like them, but I think we also need traffic lights at this location to ease the flow of traffic in the summertime. I have in places around the country where it is one traffic circle after another and it seems that the traffic can get congested after the second traffic circle.

Fred La Plante III

A Man after God's heart

Strengths: Learner | Input | Activator | Connectedness | Arranger

WG: Wonder | Enabler

From: Lacey Derr <lebartlett@yahoo.com>
Sent: Wednesday, September 4, 2024 10:00 AM
To: PC_Comments
Subject: Proposed Roundabout Public Comment - Mendenhall Blvd & Valley Blvd

EXTERNAL E-MAIL: BE CAUTIOUS WHEN OPENING FILES OR FOLLOWING LINKS

Good Morning,

My name is Lacey Derr and I live in the Mendenhaven Subdivision, off of Mendenhall Blvd. I am submitting this public comment on my own accord and not as a member of the Planning Commission.

I traverse this intersection several times daily due to the location of my home and have lived in the Mendenhaven neighborhood since 1991.

I am submitting my public testimony in strong opposition to the proposed roundabout.

First and foremost, the construction of the other 2 roundabouts at Floyd Dryden School and Stephen Richards Drive are INCREDIBLY dangerous for pedestrians. The dead grass/dirt mounds which fill the center of the roundabouts are so high (and unkempt), drivers cannot see pedestrians on either side. I have personally watched people dive out of the crosswalk because drivers were not going to stop, drivers nearly miss running over children within the crosswalk, and people stuck on the center island because traffic only stopped one way. This problem is substantially exacerbated in the winter with the lack of snow removal. Children, Elders, and even healthy citizens struggle to climb over the 3-6' walls of snow created by plowing the roundabout and non-maintenance of pedestrian right of ways.

This intersection is the LAST traffic signal in the area to STOP traffic for pedestrian travel. It is a very successful and safe intersection to vehicular traffic and pedestrians. Having lived in this neighborhood for 33 years I can attest to the safety and practically nonexistent accident history of the area. Three roundabouts in succession do not make any sense, increase traffic congestion, risk pedestrian lives, and it serves no purpose in this area. It was also very shocking to see the house torn down on the corner of Mendenhall Blvd several years ago to accommodate this potential roundabout when we have a housing crisis. It seems counterproductive to put pedestrians in harms way, increasing traffic congestion, all while removing housing to build a roundabout in an area that has a very successful traffic signal.

I sincerely request the commission deny the proposed roundabout and focus these \$8.5 Million dollars in funding to projects with greater services to Juneau. If the project will be submitted forward for approval, I implore the commission to set strict conditions on the height of the center fill, widen the roadway area within the roundabout as much as possible, double the lighting, require HAWK pedestrian signals for all 4 intersections of the roundabout, and enforce adequate snow removal as part of the maintenance requirement. Should the project not move forward, I recommend the city look into selling the parcel back for its intended use as housing in a highly desirable neighborhood.

I greatly appreciate your time and consideration in reviewing this comment.

Respectfully,
Lacey Derr
(907) 723-8837

From: Tim <chiefs907@yahoo.com>
Sent: Wednesday, September 4, 2024 10:06 AM
To: PC_Comments
Subject: Roundabout at Loop and Valley

EXTERNAL E-MAIL: BE CAUTIOUS WHEN OPENING FILES OR FOLLOWING LINKS

9/4/24

Dear Planning Commission members,

I am writing you to voice a concern about the mound height of the roundabouts that are being built. While I understand the theory that reduced visibility will produce slower speeds, the actual practice of it does not work.

It is not worth the reduced visibility of being able to see young children, other vehicles, or pedestrians. While it hasn't contributed to any accidents at this point, there are numerous close calls and it's only a matter of time.

Please use common sense and reduce the mound heights to allow visibility.

The roundabouts without mounds are much safer, especially in areas frequented by young children.

Thank you for considering this matter.

Sincerely,

-Tim Shockley
(907)321-3970

From: Karl Ashenbrenner <kjashen@gmail.com>
Sent: Wednesday, September 4, 2024 10:47 AM
To: PC_Comments
Subject: Mend. Blvd Roundabout

EXTERNAL E-MAIL: BE CAUTIOUS WHEN OPENING FILES OR FOLLOWING LINKS

how about taking the money for that and putting it toward fixing the mess that is the left turn s/b to Fred Meyer? Make the McDonalds intersection a 4 way light with a road extension to Old Glacier Hwy and have that as your s/b access to Fred Meyer. Does Mendenhall Blvd and Valley Blvd really need another undersized roundabout?

From: Karl Ashenbrenner <kjashen@gmail.com>
Sent: Wednesday, September 4, 2024 10:54 AM
To: PC_Comments
Subject: Mendenhall Blvd roundabout

EXTERNAL E-MAIL: BE CAUTIOUS WHEN OPENING FILES OR FOLLOWING LINKS

If you must build a roundabout there, even with one lane make the lane wider and do not have a veritable hill in the middle that you cannot see over and see oncoming traffic until it is through the curve.

From: B Rivest <rivestb@gmail.com>
Sent: Wednesday, September 4, 2024 10:54 AM
To: PC_Comments
Subject: Roundabout Men/Valley intersection

EXTERNAL E-MAIL: BE CAUTIOUS WHEN OPENING FILES OR FOLLOWING LINKS

To Planning Commission Members,

While I like the roundabout use, I feel the housing situation is unaffordable for young adults (and many others).

These funds, whether matched, whatever city funds should be allocated to affordable housing.

Thank you for your time.

Beth Rivest

4306 Manor Ave, Juneau, AK 99801

From: Micah Sommers <micah.sommers@gmail.com>
Sent: Wednesday, September 4, 2024 11:05 AM
To: PC_Comments
Subject: Roundabouts

EXTERNAL E-MAIL: BE CAUTIOUS WHEN OPENING FILES OR FOLLOWING LINKS

Hey Gang, my comments may be in the minority, but please for the love of god keep working on roundabouts. The money they must save has got to be astronomical, electrical engineers and lights maintenance can't be cheap. The traffic flow is far better, I only wish people would slow down.

Also, keep following the studies and put mounds in, but could we make them pretty? People don't need to see the other side when entering the circle. Absolutely ridiculous.

Thanks for all you do.

Cheers

From: Allen Butner <butner2272@gmail.com>
Sent: Wednesday, September 4, 2024 11:22 AM
To: PC_Comments
Subject: Roundabout mendenhall/valley

EXTERNAL E-MAIL: BE CAUTIOUS WHEN OPENING FILES OR FOLLOWING LINKS

Strongly protest. Dumb idea. So many better things to throw money at. Like extend fred Meyer spur to connect and make mc nugget a 4 way

From: Heidi Stears <h.stears99801@gmail.com>
Sent: Wednesday, September 4, 2024 12:04 PM
To: PC_Comments
Subject: CSP 2024 0002

EXTERNAL E-MAIL: BE CAUTIOUS WHEN OPENING FILES OR FOLLOWING LINKS

I would like to write in support of the roundabout at the Mendenhall Blvd/Valley Blvd location. And when possible (and funding approved), one at Mendenhall Loop/Back Loop would significantly improve traffic flow, reduce accidents and cost. My adult family of four support roundabouts.

Thank you
Heidi Stears

From: Jeff Hoover <juneaufour@yahoo.com>
Sent: Wednesday, September 4, 2024 12:05 PM
To: PC_Comments
Subject: Roundabout comment

EXTERNAL E-MAIL: BE CAUTIOUS WHEN OPENING FILES OR FOLLOWING LINKS

To CBJ

I support the new proposed roundabout in the valley to eliminate the stop light at valley Blvd. I don't think it's the highest priority road issue in Juneau but roundabouts are better than stop lights. I think a higher priority roundabout would be where the back loop intersects the Mendenhall glacier road. Making a left hand turn there is very difficult. If you build roundabouts then do NOT have a high mound in the center of the roundabout because it cuts down the visibility when entering roundabout.

Thank you for the opportunity to comment.

Jeff Hoover
Juneau resident

Sent from my iPhone

From: Melissa Hartman <melissa_susan_h@hotmail.com>
Sent: Wednesday, September 4, 2024 12:12 PM
To: PC_Comments
Subject: Roundabout

EXTERNAL E-MAIL: BE CAUTIOUS WHEN OPENING FILES OR FOLLOWING LINKS

Hello,

I really don't think another roundabout on Mendenhall Loop road is necessary, especially with the closing of Floyd Dryden.

The flow of traffic is much smoother now in that area, and no longer backs up like it used too.

I feel like there are other areas that the money could be used for.

Melissa Hartman

From: Jill Lewis (AK) <jill.lewis.ak@gmail.com>
Sent: Wednesday, September 4, 2024 12:29 PM
To: PC_Comments
Cc: jill.lewis.ak@gmail.com
Subject: Mendenhall Loop roundabout CSP 2024 0002

EXTERNAL E-MAIL: BE CAUTIOUS WHEN OPENING FILES OR FOLLOWING LINKS

I am writing to oppose the new proposed roundabout at the intersection of Mendenhall Loop Rd and Valley Blvd. The new roundabout is within sight of the two existing roundabouts on Loop Rd and is simply too close to be practical. I would support a roundabout at the intersection of Mendenhall Loop Rd and Back Loop Rd as an alternative.

Jill Lewis
4315 Taku Blvd

From: Sandi <srshaw@gci.net>
Sent: Wednesday, September 4, 2024 1:37 PM
To: PC_Comments
Subject: CSP 2024 0002

EXTERNAL E-MAIL: BE CAUTIOUS WHEN OPENING FILES OR FOLLOWING LINKS

Hi, I'm writing about the new roundabout being proposed in the valley. Please leave the stop light in and use the funding for other City projects needed more, such as flood mitigation measures for Suicide Basin and the valley homes affected. This is a complete waste of money when there's other issues that need priority. Thank you, Sandra Shaw

From: Monica <lynn_moni@yahoo.com>
Sent: Wednesday, September 4, 2024 5:06 PM
To: PC_Comments
Subject: Proposed roundabout

EXTERNAL E-MAIL: BE CAUTIOUS WHEN OPENING FILES OR FOLLOWING LINKS

I do not support another roundabout at the Valley blvd intersection. The ones we have are a safety hazard for both drivers and pedestrians. You cannot see the crosswalks from the other side. They should not have been placed where they are. Many pedestrians do not press the lights button. You have no idea they are there until you almost hit them. You cannot see past the roundabout from the other side. This is a safety hazard for all. The two lanes at the duck creek intersection- the otter lanes should be turn lanes ONLY!
In winter, with snow and ice, it causes vehicles to slide out.

Save the money to use elsewhere!!

No more roundabouts!

Monica Whitehead

☒

Nicolette Chappell

From: Brierley Ostrander <bko.alaska@gmail.com>
Sent: Friday, September 6, 2024 8:34 PM
To: PC_Comments
Subject: CSP 2024 0002 Valley Blvd roundabout

EXTERNAL E-MAIL: BE CAUTIOUS WHEN OPENING FILES OR FOLLOWING LINKS

Hi,

I saw the kerfuffle about this on Facebook. Yes, please build the roundabout. I live on Back Loop and commute through this intersection daily. I got stuck at the light this morning, waiting for only one car to turn off of Valley Blvd. The roundabouts already installed on Mendenhall Loop are great, and I wouldn't say no to more. Please do the Back Loop turn next after Valley.

The only constructive criticism I have is that the circles can be a little slippery in the snow. Is there any data on good roundabout pavement types for snowy climates?

--Brierley Ostrander