


MEMORANDUM

CITY/BOROUGH OF JUNEAU
155 South Seward Street, Juneau, Alaska 99801

DATE: January 16, 2014

TO: Planning Commission

FROM: Sarah Bronstein, Planner 
Community Development Department

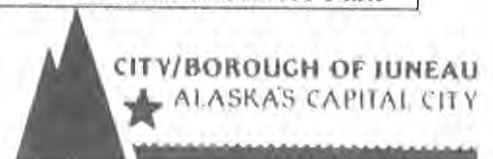
FILE NO.: CSP2013 0031

PROPOSAL: Mendenhall Valley paving and roadway reconstruction for dust control. Roadways to be paved include: Blueberry Lane, Powers Street, Gene Street, Goat Hill Road, Lee Street, Lee Court, Spring Way, Wilma Avenue, Barrett Avenue, Bentwood Place, Sasha Avenue, Tongass Boulevard and Rivertrail Way.

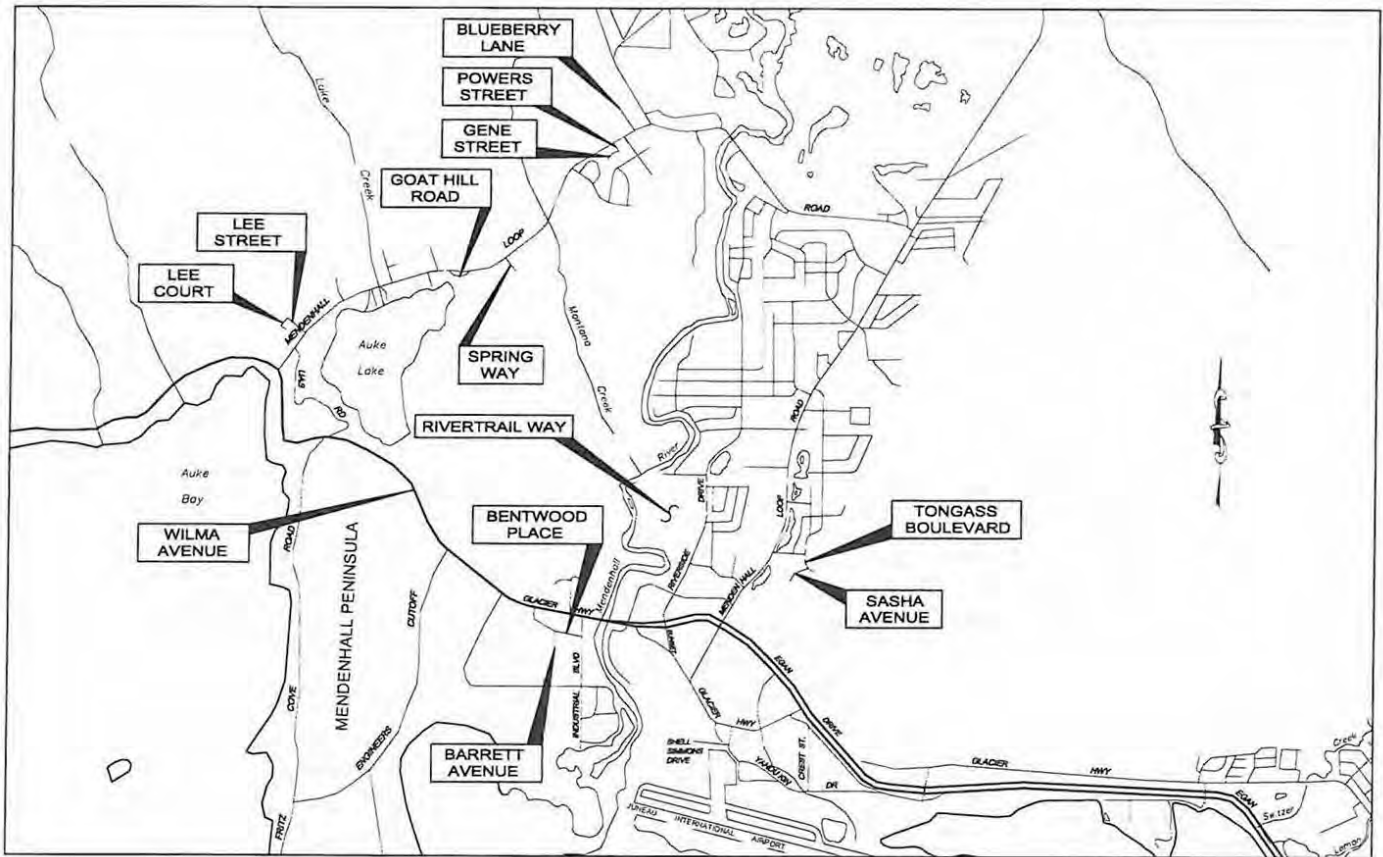
GENERAL INFORMATION

Applicant: State of Alaska DOT & PF
Property Owner: City and Borough of Juneau
Parcel Code No.: 0 Parcel
Site Size: Total length of paving project: 1.2 miles
Width of paving project: 20 – 24 feet
Street Classification: Roadway other than a Collector or Arterial

Street Name	Zoning	Surrounding Land Uses	Comprehensive Plan Land Use
Wilma Avenue	D10	Single Family Residential	Medium Density Residential
Bentwood Place	I	Auto body, welding, Sandbar, etc.	Heavy Industrial, Light Industrial
Barrett Avenue	I	Industrial	Heavy Industrial
Blueberry Lane	D3	Single Family Residential	Urban Low Density Residential
Tongass Boulevard	D5	Single Family Residential	Urban Low Density Residential
Sasha Avenue	D5	Single Family Residential	Urban Low Density Residential
Spring Way	D3	Single Family Residential	Urban Low Density Residential
Powers Street	D3	Single Family Residential	Urban Low Density Residential
Gene Street	D3	Single Family Residential	Urban Low Density Residential
Lee Street	D5/D15	Multi-Family Residential	Medium Density Residential
Lee Court	D15	Multi-Family Residential	Medium Density Residential
Goat Hill Road	D3	Single Family Residential	Urban Low Density Residential
Rivertrail Way	D5	High school, Field House	CBJ Recreational Service Park



VICINITY MAP



ATTACHMENTS

- Attachment A – Project Application
- Attachment B – Abutter’s Notice
- Attachment C – Non-attainment area map
- Attachment D – Memorandum of Understanding between DOT&PF and CBJ

CBJ 49.15.580 - 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.*

PROJECT DESCRIPTION

The State of Alaska Department of Transportation and Public Facilities (DOT&PF) has applied for local consistency review pursuant to CBJ 49.15.580 and AS 35.30.010 for a proposed project described as follows on the 2013-2015 Statewide Transportation Improvement Program (STIP) website:

Pave select streets in the PM10 maintenance area. Paving may include various streets, including Blueberry Lane, Gene St, Goat Hill Road, Powers St, Spring Way, Sasha Avenue and Tongass Avenue. Additional valley streets will be included as funding permits. (Need ID 24776, Project Number 69549)

The project as proposed would pave the following streets: River Trail Way; Sasha Avenue; Tongass Boulevard; Spring Way; Blueberry Lane; Powers Street; Gene Street; Goat Hill Road; Lee Street; Lee Court; Wilma Avenue; Bentwood Place; and Barrett Avenue. All of these are public rights of way owned and maintained by the CBJ, with the exception of Rivertrail Way, which lies on CBJ Parks and Recreation land and is maintained jointly by CBJ and the Wells Fargo Dimond Park Field House.



Figure 1: Bentwood Place, a through-street serving industrial land west of the Mendenhall River.



Figure 2: Rivertrail way, leading to the Dimond Park Field House.

ANALYSIS

The purpose of the paving project is to reduce air pollution caused by dust from roadways, also called fugitive dust. Road dust is a large-sized particle (PM10) air pollutant regulated by the Clean Air Act. Air quality in the Mendenhall Valley was identified in the 1980's by the Alaska Department of Environmental Conservation (ADEC) as below federal standards (Attachment C). In 1993 DEC adopted an EPA approved Attainment Plan identifying strategies to meet National Ambient Air Quality Standards (NAAQS), including paving unpaved streets to control for dust. More recently, a Limited Maintenance Plan for PM10 in the Mendenhall Valley was adopted by ADEC in 2009, charging DOT&PF with paving streets in the Valley to control for fugitive dust.

The DOT&PF has entered into a memorandum of understanding (Attachment D) with the CBJ in order to pave the streets listed above. According to that memorandum of understanding, prior to the construction of each roadway, the CBJ will conduct all necessary utility improvements to the right of way. Once these streets are paved, the CBJ will take responsibility for future maintenance of the streets.

CONFORMITY WITH ADOPTED PLANS

The 2013 Comprehensive Plan Update clearly supports efforts to improve air quality in the Mendenhall Valley through ongoing paving on residential streets:

“The Mendenhall and Lemon Creek Valleys are the areas most seriously affected by breathable air pollution, due to air inversions during the winter months. The CBJ has adopted air quality control regulations that prohibit wood-stove burning during periods of poor air quality, provide for emission standards for new wood-stoves, prohibit open burning during the winter, and require construction of energy- efficient single-family homes. The CBJ has also enacted laws to regulate open burning. Another significant effort being made to assure compliance with air quality regulations is through the program to pave residential streets to control dust. As a result of these efforts, the CBJ's air quality is relatively good most of the time.” P. 87

That policy direction is formalized in Policy 7.9:

POLICY 7.9. TO CONTINUE EDUCATIONAL PROGRAMS, CAPITAL IMPROVEMENT PROJECTS, AND REGULATORY MEASURES TO PROTECT AND IMPROVE OVERALL AIR QUALITY.

HABITAT

Based on the information provided in the project application, there will be no known impacts to wildlife habitat protected by Title 49. The project will only pave along existing roadbeds where land has already been disturbed, meaning that no new wetlands or habitat will be impacted. Additionally, there are no bald eagle nests within a 330 foot radius of the identified roads, and no anadromous streams within 50 feet.

FINDINGS

Community Development Staff finds this proposed project consistent with adopted local plans, specifically Policy 7.9. As proposed, the street paving complies with local land use code Title 49, and will not impose a negative impact to surrounding properties.

RECOMMENDATION

Staff recommends that the Planning Commission adopt the findings in this staff report and recommend to the Assembly that CSP2013 0031 is consistent with locally adopted plans and policies, as required by CBJ 49.15.540 and AS 35.30.010.



THE STATE
of **ALASKA**
GOVERNOR SEAN PARNELL

Department of Transportation
and Public Facilities

SOUTHEAST REGION
DESIGN & ENGINEERING SERVICES
Preconstruction

6860 Glacier Highway
PO Box 112506
Juneau, Alaska 99811-2506
Main: 907.465.4444
Toll free: 800.575-4540
Fax: 907.465.4414

November 4, 2013

Mr. Hal Hart, Community Development Director
City and Borough of Juneau
155 South Seward Street
Juneau, Alaska 99801

RE: Federal Project No. CMG-000S(751) - State Project No. 69549
Mendenhall Valley Dust Control - Paving

Dear Mr. Hart:

We are submitting the enclosed plans for your review and comment. In addition to a general review, please specifically review for compliance in accordance with AS 35.30.020.

Under AS 35.30.020, the Department must comply with local planning and zoning ordinances and other regulations in the same manner and to the same extent as other landowners. If you believe that the Department's construction of this project would result in a violation of planning, zoning, or other regulations generally applicable to landowners, please identify the portions of the project that would be in violation, and the specific planning, zoning, or other regulations that you believe would be violated.

If we have not received comments regarding the project's compliance with planning and zoning ordinances within 90 days after submittal of these plans, the Department will proceed with the project as planned. If you have any questions, I can be reached by phone at: (907) 465-4443, or by e-mail at: chad.howard@alaska.gov.

Sincerely,

A handwritten signature in black ink, appearing to be "CHAD HOWARD".

Chad Howard, P.E.
DOT&PF Project Manager

Attachment A

Mendenhall Valley Dust Control – Paving
Project No. CMG-000S(751)/69549

Enclosure: Preliminary Project Plans

Cc:

Kim Kiefer, CBJ City Manager

Rob Steedle, CBJ Deputy City Manager

DEVELOPMENT PERMIT APPLICATION

Project Number	CITY and BOROUGH of JUNEAU	Date Received:
Project Name: (City Staff to Assign Name)		

PROJECT / APPLICANT INFORMATION	Project Description The DOT&PF project would pave CBJ roads in the Mendenhall Valley to reduce sources of fugitive dust. Roads to be paved are shown on Sheet A1. Up to a foot of the existing roadway would be excavated and the subgrade rebuilt. Drainage improvements could consist of excavating drainage ditches, installing cross culverts and driveway culverts, and/or installing inlets and storm drains. Project may include utility adjustments, sign		
	PROPERTY LOCATION		
	Street Address see Sheet A1	City/Zip 99801	
	Legal Description(s) of Parcel(s) (Subdivision, Survey, Block, Tract, Lot) multiple		
	Assessor's Parcel Number(s) N/A		
	LANDOWNER/LESSEE:		
	Property Owner's Name CBJ	Contact Person: John Bohan	Work Phone: 907-586-0876
	Mailing Address 155 S. Seward St. Juneau 99801	Home Phone:	Fax Number:
	E-mail Address john.bohan@ci.juneau.ak.us	Other Contact Phone Number(s): Chad Howard, DOT&PF, 907-465-4443	
	LANDOWNER/LESSEE CONSENT ***Required for Planning Permits, not needed on Building/Engineering Permits***		
I am (we are) the owner(s) or lessee(s) of the property subject to this application and I (we) consent as follows: A. This application for a land use or activity review for development on my (our) property is made with my complete understanding and permission. B. I (we) grant permission for officials and employees of the City and Borough of Juneau to inspect my property as needed for purposes of this application.			
X		11/4/13	
	Landowner/Lessee Signature	Date	
X			
	Landowner/Lessee Signature	Date	
NOTICE: The City and Borough of Juneau staff may need access to the subject property during regular business hours and will attempt to contact the landowner in addition to the formal consent given above. Further, members of the Planning Commission may visit the property before the scheduled public hearing date.			
APPLICANT If the same as OWNER, write "SAME" and sign and date as X below			
Applicant's Name DOT&PF	Contact Person: Chad Howard	Work Phone: 465-4443	
Mailing Address PO Box 112506 Juneau, AK 99811-2506	Home Phone:	Fax Number:	
E-mail Address chad.howard@alaska.gov	Other Contact Phone Number(s):		
X		11/4/13	
	Applicant's Signature	Date of Application	

OFFICE USE ONLY BELOW THIS LINE

STAFF APPROVALS	<input checked="" type="checkbox"/>	Permit Type	**SIGN	Date Received	Application Number(s)
		Building/Grading Permit			
		City/State Project Review and City Land Action			
		Inquiry Case (Fee in Lieu, Letter of ZC, Use Not Listed)			
		Mining Case (Small, Large, Rural, Extraction, Exploration)			
		Sign Approval (If more than one, fill in all applicable permit #'s)			
		Subdivision (Minor, Major, PUD, St. Vacation, St. Name Change)			
		Use Approval (Allowable, Conditional, Cottage Housing, Mobile Home Parks, Accessory Apartment)			
		Variance Case (De Minimis and all other Variance case types)			
		Wetlands Permits			
	Zone Change Application				
	Other (Describe)				
***Public Notice Sign Form filled out and in the file.					
Comments:				Permit Intake Initials	

CITY/STATE PROJECT AND LAND ACTION REVIEW APPLICATION

Project Number	Project Name (15 characters)	Case Number CSP	Date Received
----------------	------------------------------	--------------------	---------------

TYPE OF PROJECT REVIEW:

City Project Review
 City Land Acquisition /Disposal
 State Project Review

DESCRIPTION OF PROJECT

The project would pave CBJ roads in the Mendenhall Valley to reduce sources of fugitive dust. Roads to be paved are shown on Sheet A1. Up to a foot of the existing roadway would be excavated and the subgrade rebuilt. Drainage improvements could consist of excavating drainage ditches, installing cross culverts and driveway culverts, and/or installing inlets and storm drains. Project may include utility adjustments, sign replace/install, pavement striping, etc.

Please attach a cover letter to fully explain the project if there is not adequate space on this form.

CURRENT USE OF LAND OR BUILDING(S):

CBJ roadways.

PROPOSED USE OF LAND OR BUILDING(S):

CBJ roadways - no change in classification.

PROJECT NUMBERS ASSOCIATED WITH PROPOSAL:

Is this project associated with any other Land Use Permits? No Yes Case No.: _____

Capital Improvement Program # (CIP) _____

Local Improvement District # (LID) _____

State Project # 69549

ESTIMATED PROJECT COST: \$ 1,800,000

For more information regarding the permitting process and the submittals required for a complete application, please see the reverse side. If you need any assistance filling out this form, please contact the Permit Center at 586-0770.	CITY/STATE PROJECT FEES				
		Fees	Check No.	Receipt	Date
	Application Fees	\$ _____	_____	_____	_____
Total Fee	\$ _____	_____	_____	_____	

NOTE: MUST BE ACCOMPANIED BY DEVELOPMENT PERMIT APPLICATION FORM & EVEN IF THE PROPOSED PROJECT IS ASSOCIATE WITH OTHER LAND USE PERMITS, THIS APPLICATION MUST BE FILLED OUT

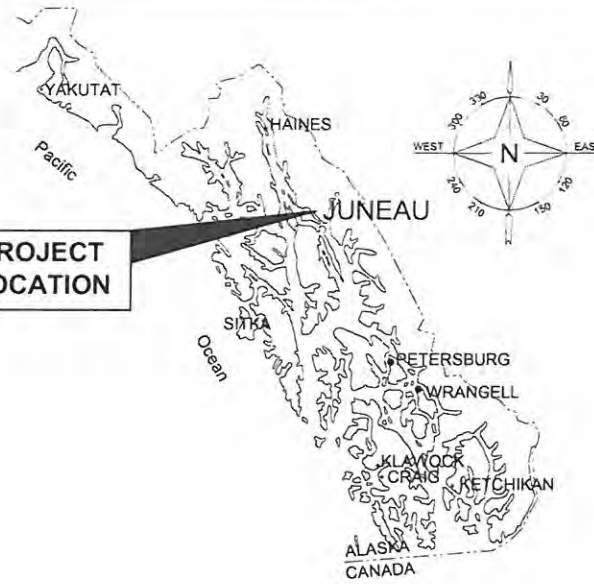
TO BE COMPLETED BY THE APPLICANT

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

JUNEAU, ALASKA

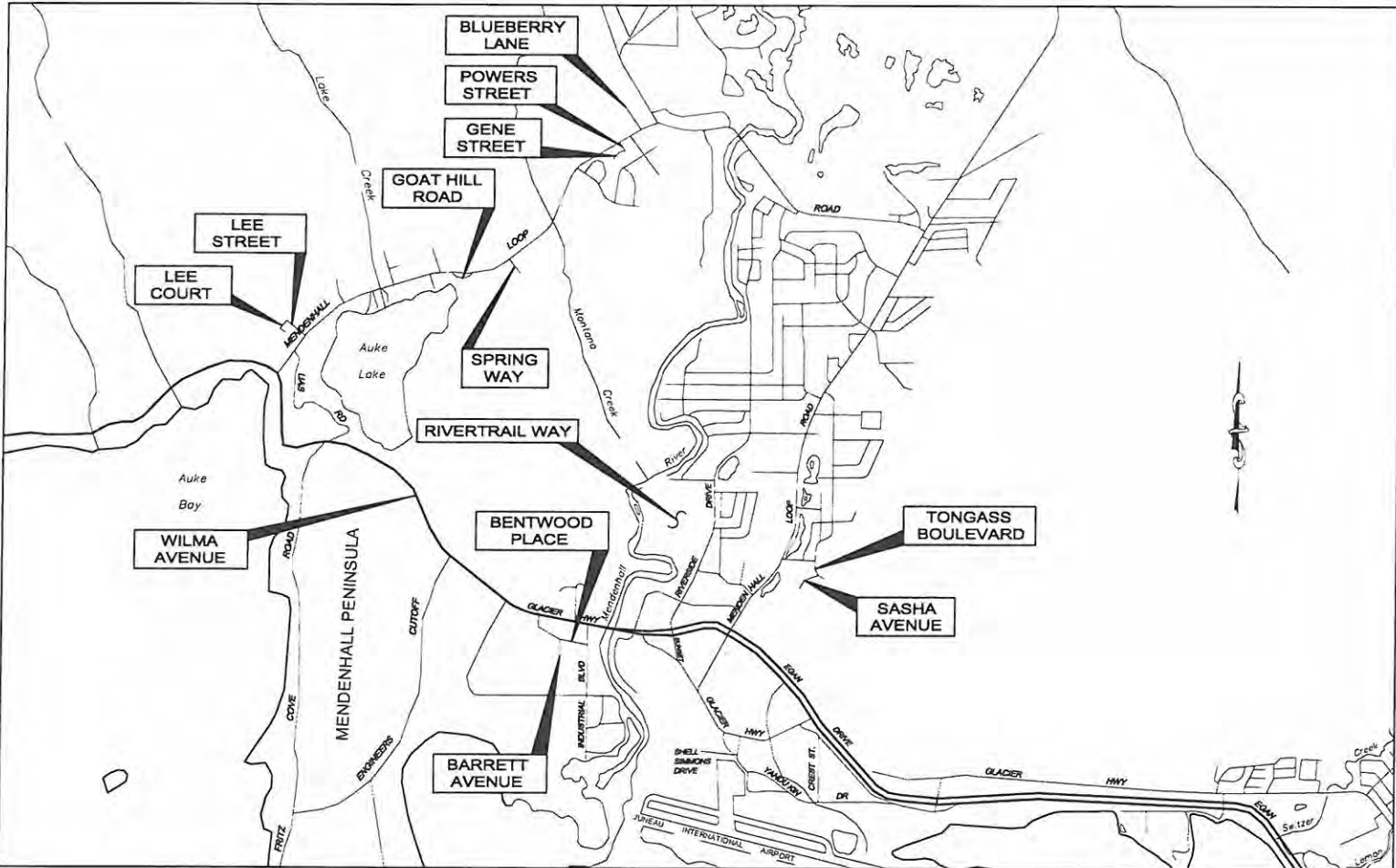
JNU: MENDENHALL VALLEY
DUST CONTROL - PAVING
CMG-000S(751) ~ 69549



SOUTHEAST ALASKA REGION

INDEX

SHEET NO.	DESCRIPTION
A1	TITLE SHEET
B1	TYPICAL SECTIONS
C1	ESTIMATE OF QUANTITIES
F1-F16	PLAN AND PROFILE SHEETS
P1	EROSION AND SEDIMENT CONTROL DETAILS
S1	TRAFFIC CONTROL PLAN



VICINITY MAP

DESIGN DESIGNATION

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A.D.T. 2031	=	500
D.H.V. 2031	=	58
% T	=	9.5%
V	=	50 MPH
E.A.L.	=	100,000

PROJECT SUMMARY

LENGTH OF PAVING	=	XX.XX MILES
WIDTH OF PAVING	=	24-30 FEET
LENGTH OF PROJECT	=	XX.XX MILES

THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT:

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C-03.10	G-04.07W	M-16.01	T-06.00
C-04.12	G-10.01	S-00.10	T-21.02
C-05.10	G-13.00	S-05.01	
D-01.02	G-15.10	S-20.10	
D-04.21	G-20.10		
	G-31.00		

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STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION

APPROVED:

CHUCK CORREA, P.E.
REGIONAL PRECONSTRUCTION ENGINEER
DATE

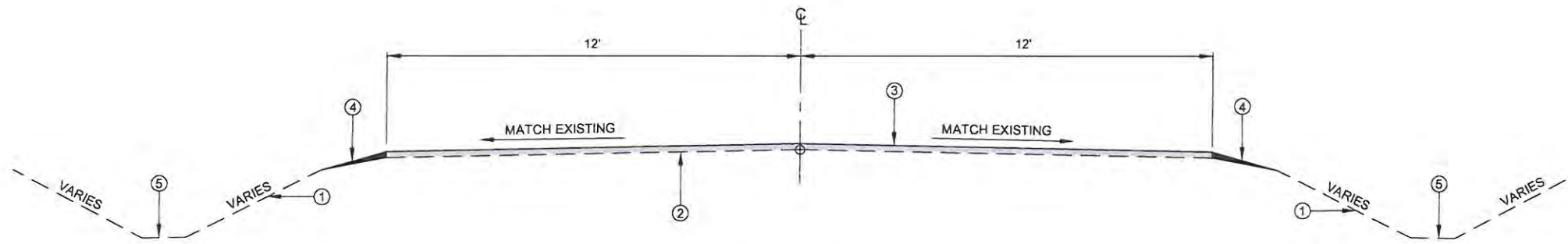
APPROVED:

ALBERT H. CLOUGH, CPG
DIRECTOR, S.E. REGION
DATE

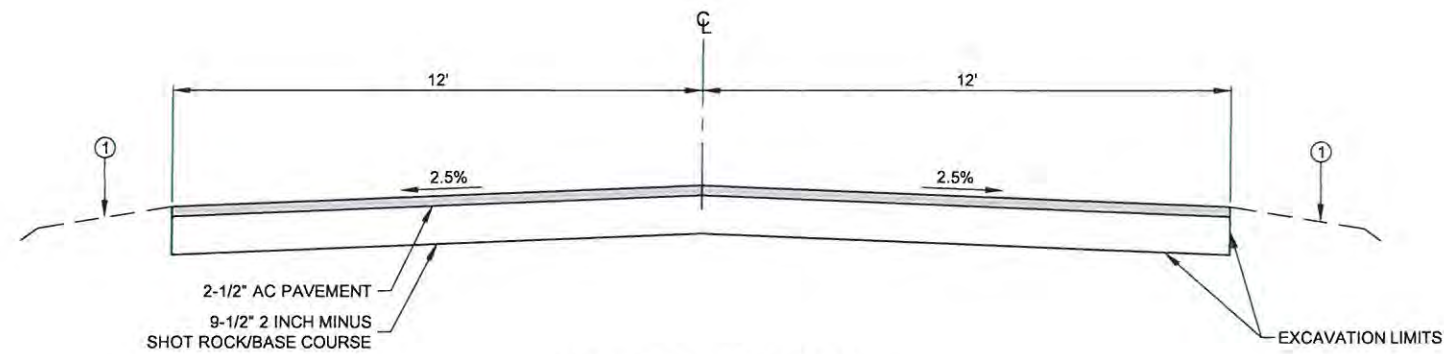
CERTIFIED TRUE & CORRECT AS-BUILT OF ACTUAL FIELD CONDITION:

CONSTRUCTION PROJECT MANAGER DATE

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	CMG-000S(751)	2013	A1	XX




TYPICAL SECTION A
2" ASPHALT PAVEMENT OVERLAY

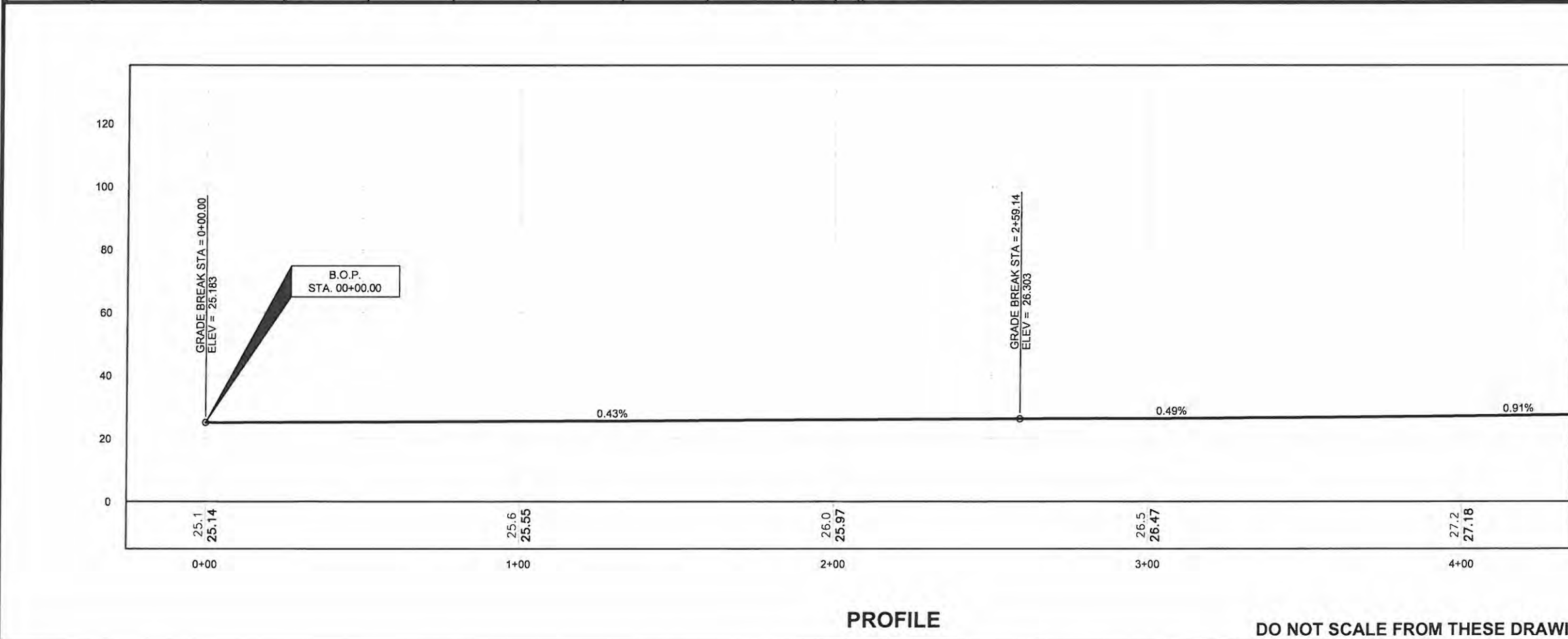
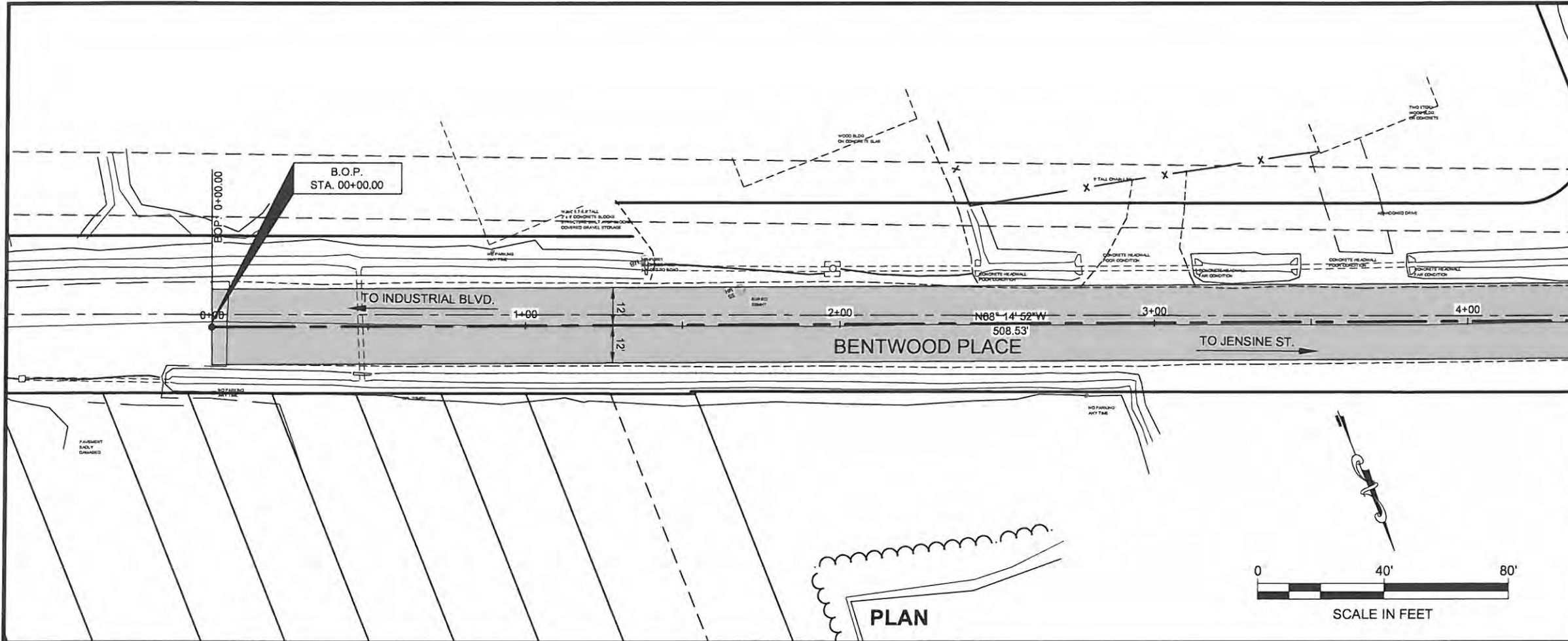


TYPICAL SECTION
2 1/2" ASPHALT PAVEMENT OVERLAY

LEGEND	
①	EXISTING GROUND
②	STE-1 ASPHALT TACK COAT
③	2" ASPHALT CONCRETE TYPE II, CLASS B
④	LINEAR GRADING
⑤	RE-DITCHING, AS DIRECTED

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD  DESIGNED BY: C. HOWARD DRAWN BY: D. STEVENS		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES SOUTHEAST REGION JNU: MENDENHALL VALLEY DUST CONTROL - PAVING PROJECT # 69549									
PATH: Q:\JNU\69549\PLANSET\69549_B1_TYP SECTION.DWG TAB: B1 Monday, October 14, 2013 7:57:28 AM STEVENS, DAVID A (DOT)		TYPICAL SECTIONS									
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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No	DATE	DESCRIPTION

JNU: MENDENHALL VALLEY
 DUST CONTROL-PAVING
 PROJECT #69549

**BENTWOOD PLACE
 PLAN AND PROFILE**

CHECKED BY: C. HOWARD

DESIGNED BY: C. HOWARD
 DRAWN BY: D. STEVENS

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION

JNU: MENDENHALL VALLEY
 DUST CONTROL-PAVING
 PROJECT #69549

**PLAN AND
 PROFILE**

PROJECT DESIGNATION
CMG-00S(751)

STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
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STEVENS, DAVID A (DOT)
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RECORD OF REVISIONS

No	DATE	DESCRIPTION

JNU: MENDENHALL VALLEY
DUST CONTROL-PAVING
PROJECT #69549

**BENTWOOD PLACE
PLAN AND PROFILE**

CHECKED BY: C. HOWARD



DESIGNED BY: C. HOWARD

DRAWN BY: D. STEVENS

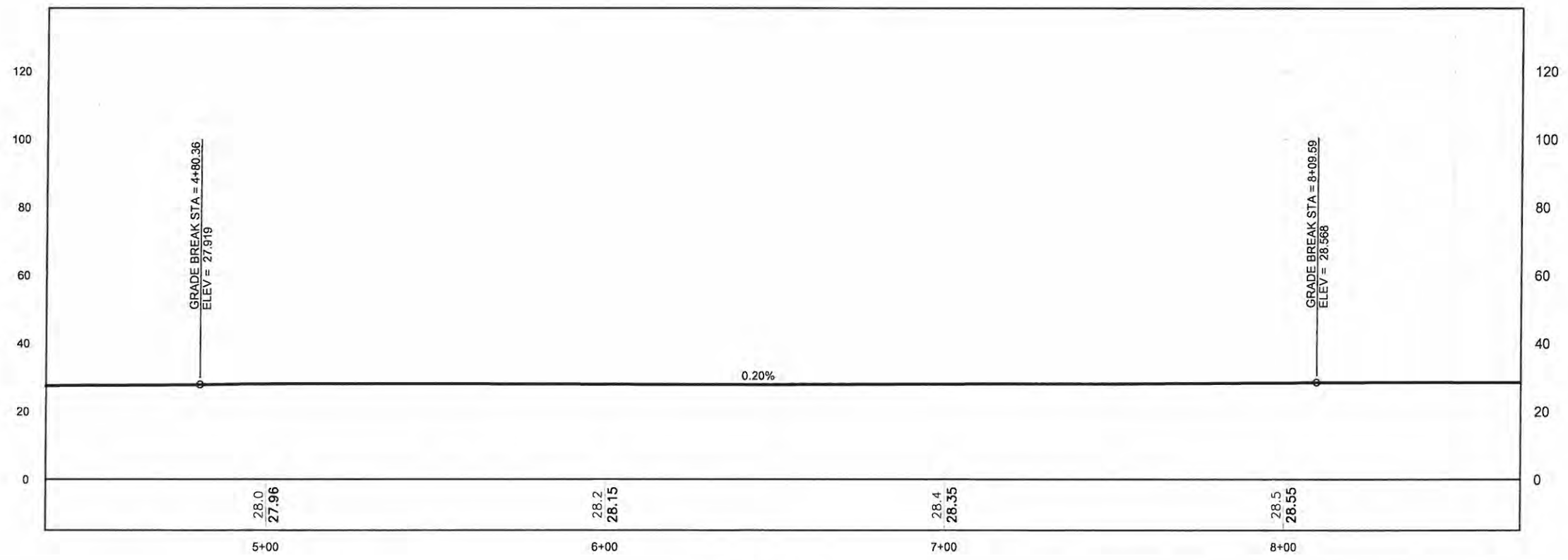
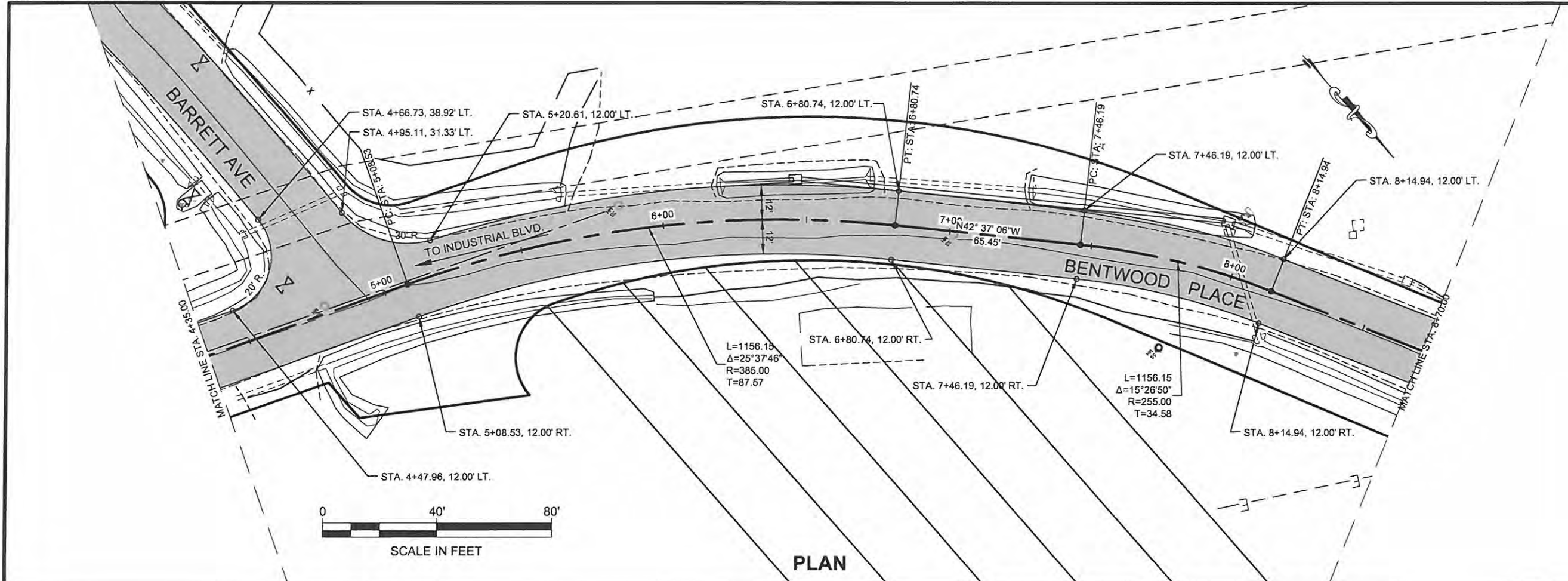
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: MENDENHALL VALLEY
DUST CONTROL-PAVING
PROJECT #69549

**PLAN AND
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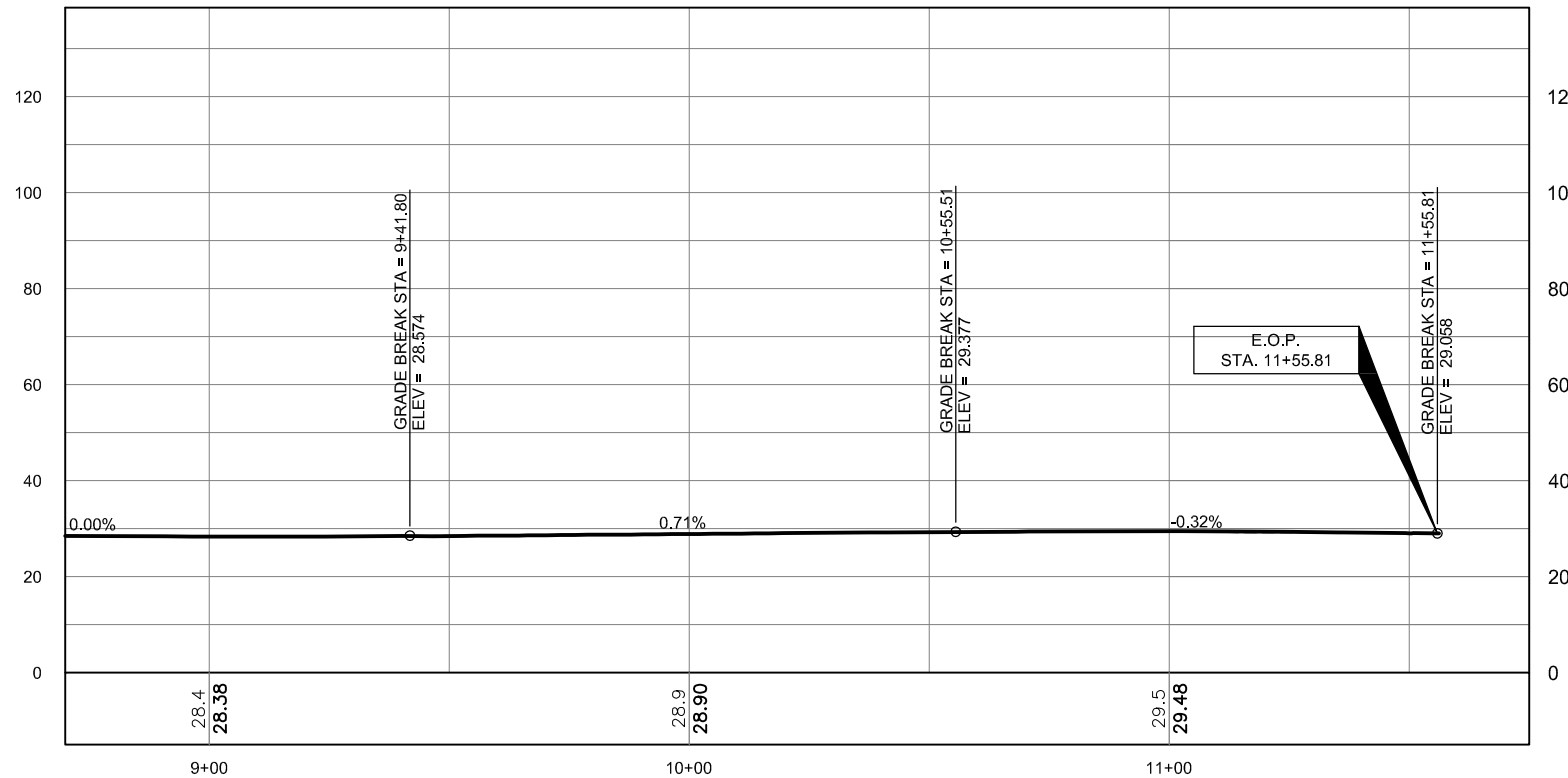
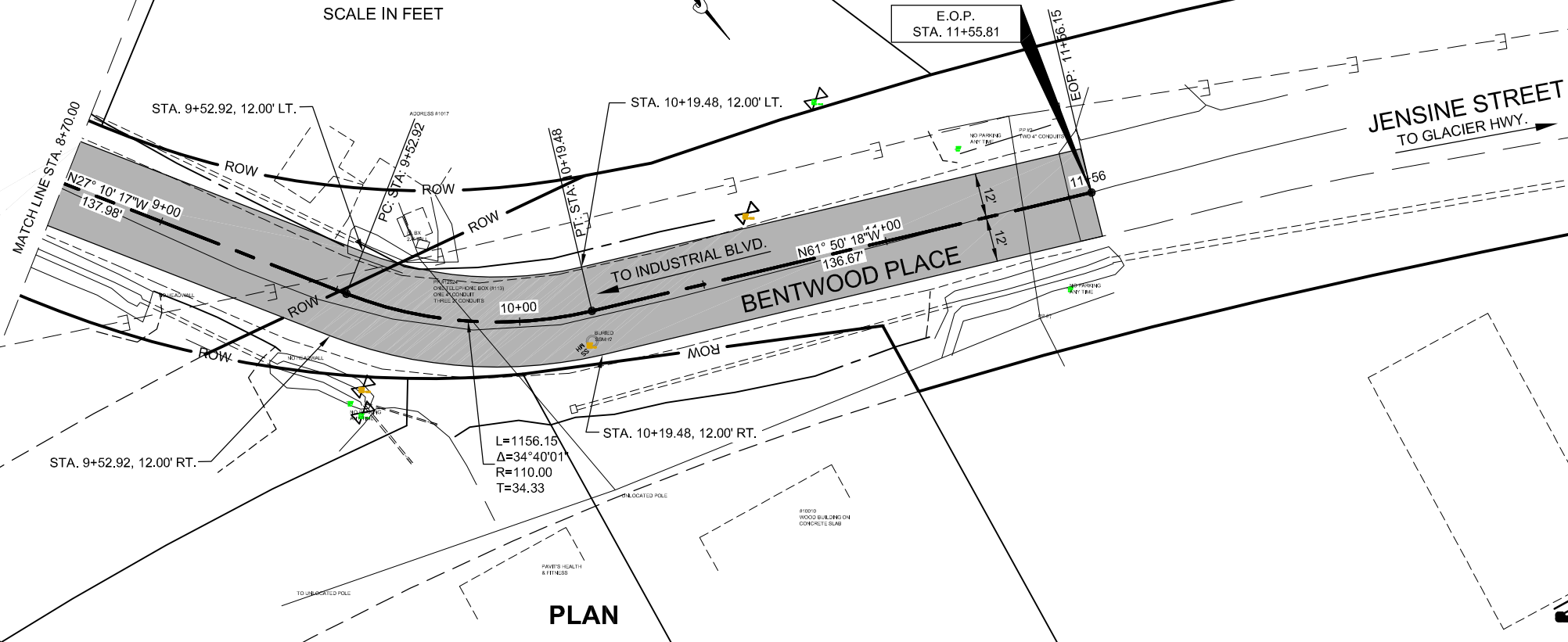
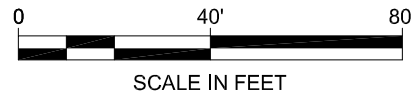
PROJECT DESIGNATION
CMG-00S(751)

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SHEET NUMBER	TOTAL SHEETS
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PROFILE

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PROFILE

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STEVENS, DAVID A (DOT)
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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

JNU: MENDENHALL VALLEY
 DUST CONTROL-PAVING
 PROJECT #69549

**BENTWOOD PLACE
 PLAN AND PROFILE**

CHECKED BY: C. HOWARD



DESIGNED BY: C. HOWARD

DRAWN BY: D. STEVENS

STATE OF ALASKA
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JNU: MENDENHALL VALLEY
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**PLAN AND
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PROJECT DESIGNATION
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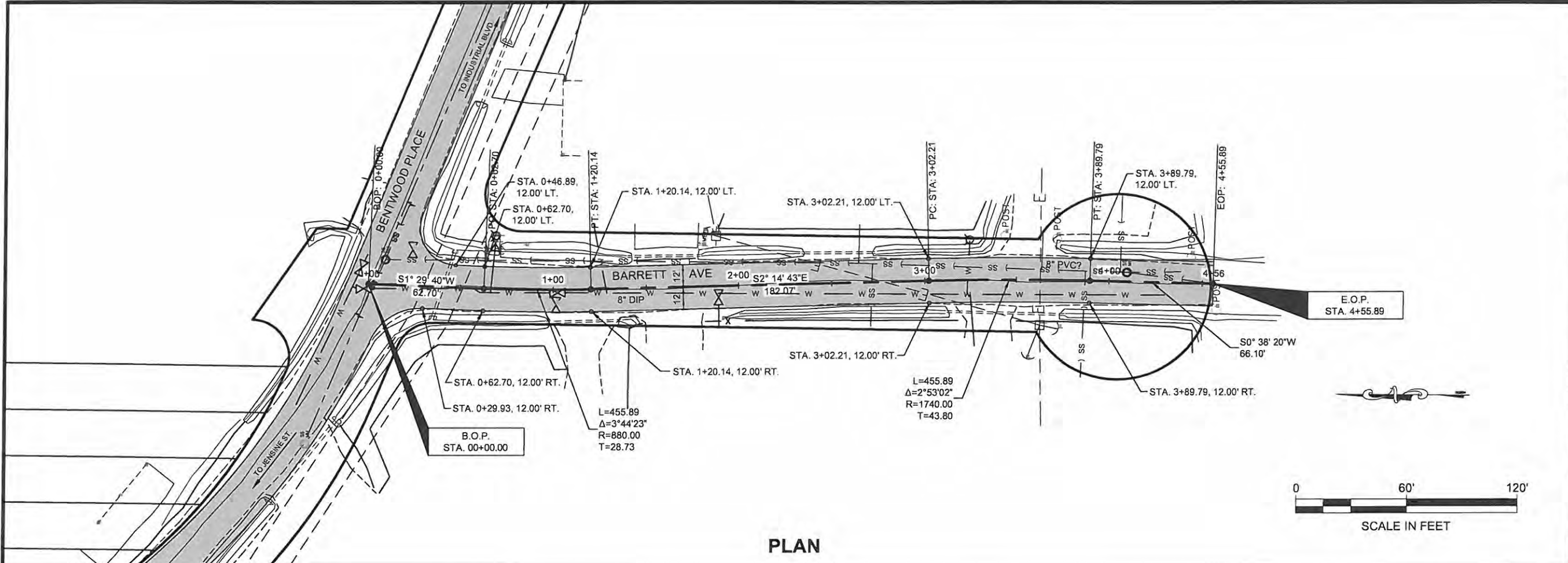
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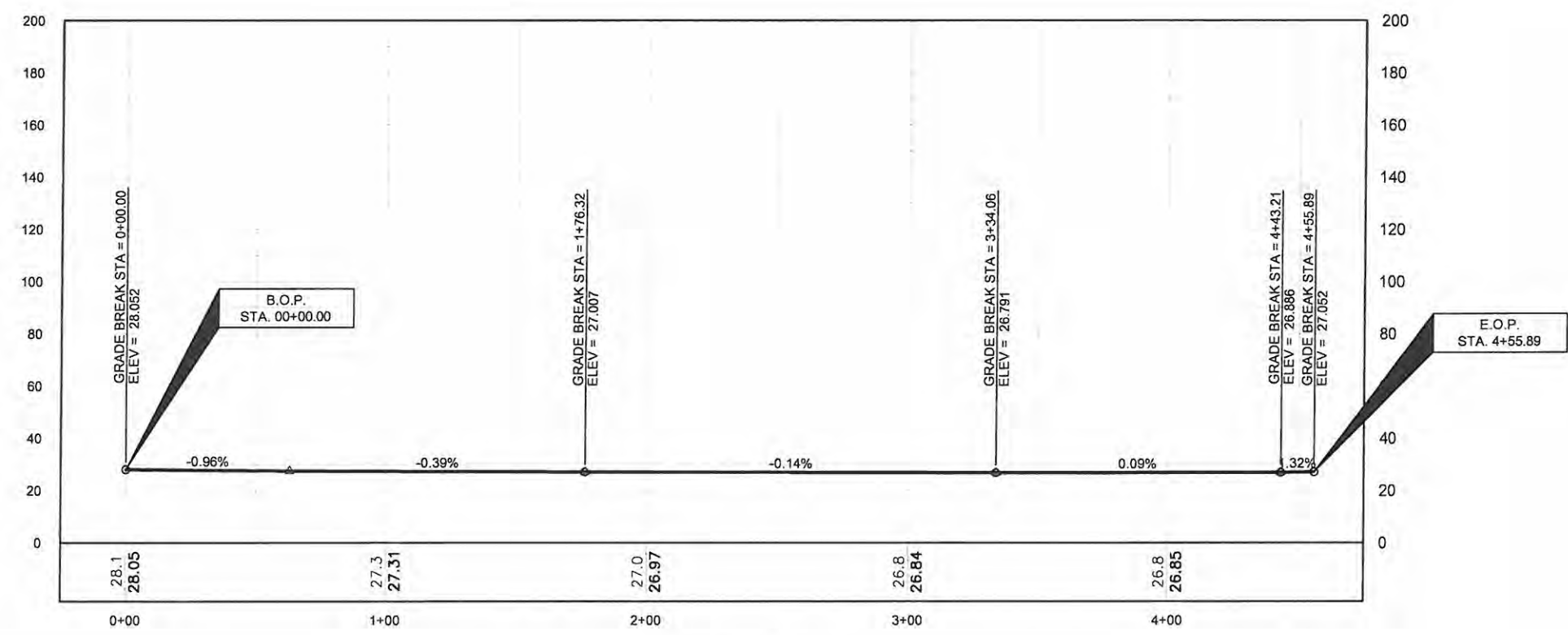
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STEVENS, DAVID A (DOT)
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PLAN



PROFILE

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JNU: MENDENHALL VALLEY
DUST CONTROL-PAVING
PROJECT #69549

**BARRETT AVENUE
PLAN AND PROFILE**

CHECKED BY: C. HOWARD



DESIGNED BY: C. HOWARD

DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

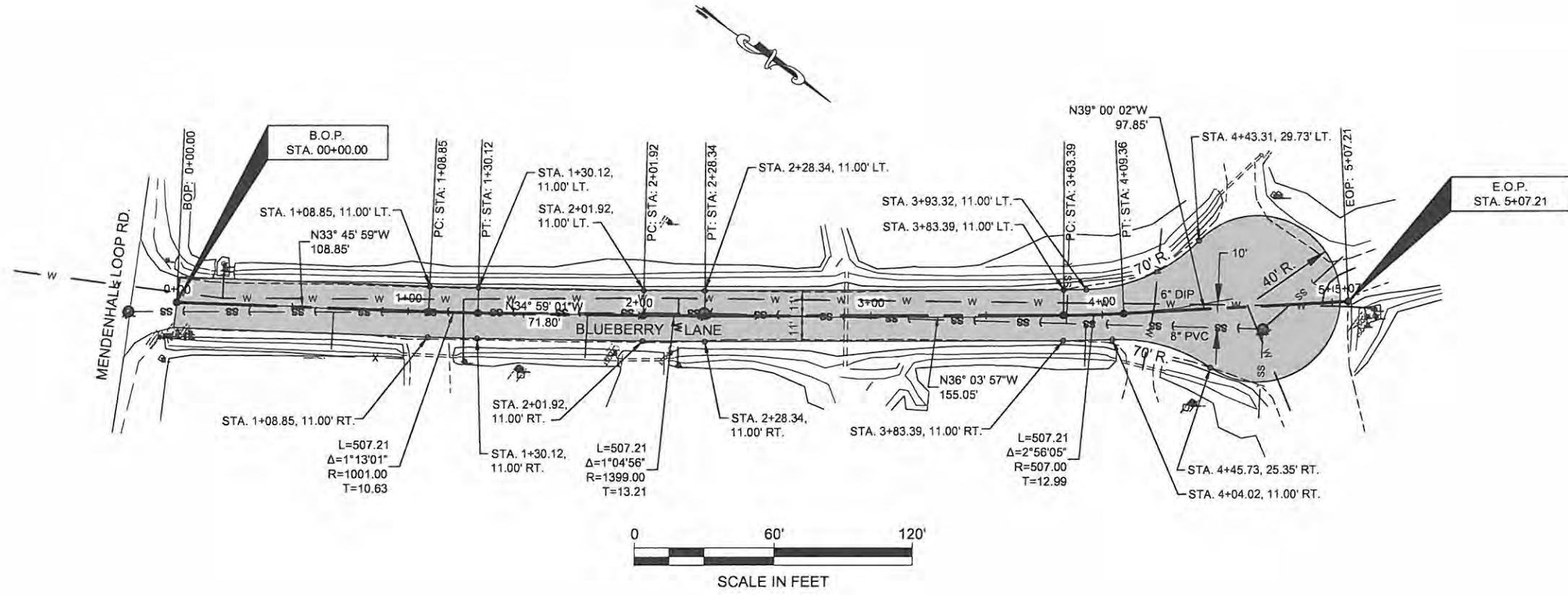
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PROJECT #69549

**PLAN AND
PROFILE**

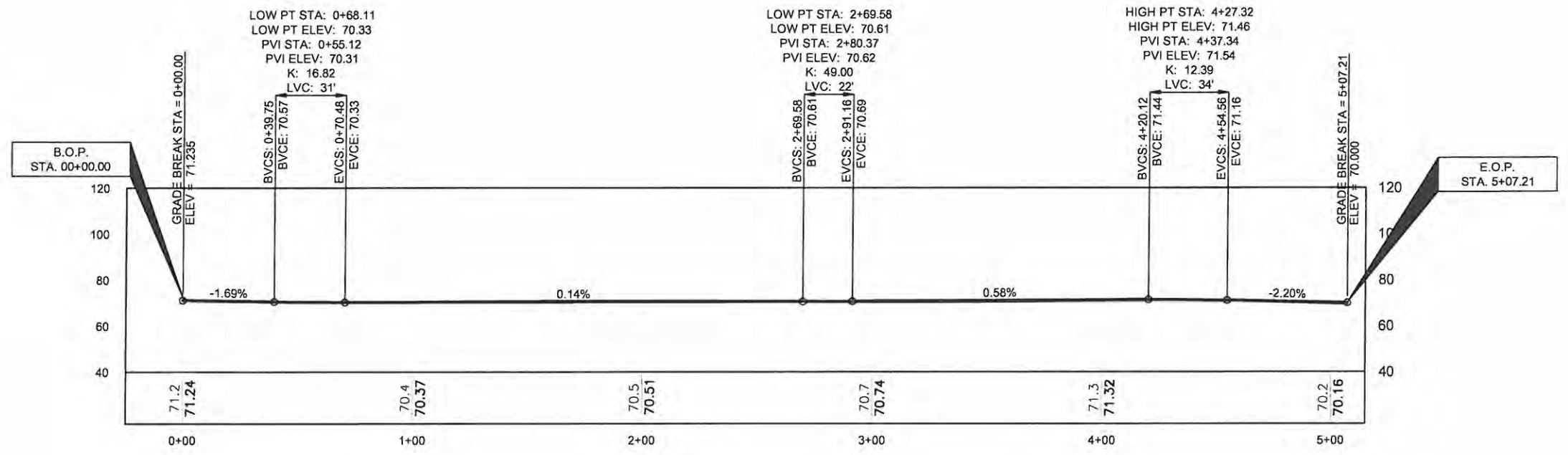
PROJECT DESIGNATION
CMG-00S(751)

STATE	YEAR
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No	DATE	DESCRIPTION



PLAN



PROFILE

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JNU: MENDENHALL VALLEY
DUST CONTROL-PAVING
PROJECT #69549

**BLUEBERRY LANE
PLAN AND PROFILE**

CHECKED BY: C. HOWARD



DESIGNED BY: C. HOWARD

DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

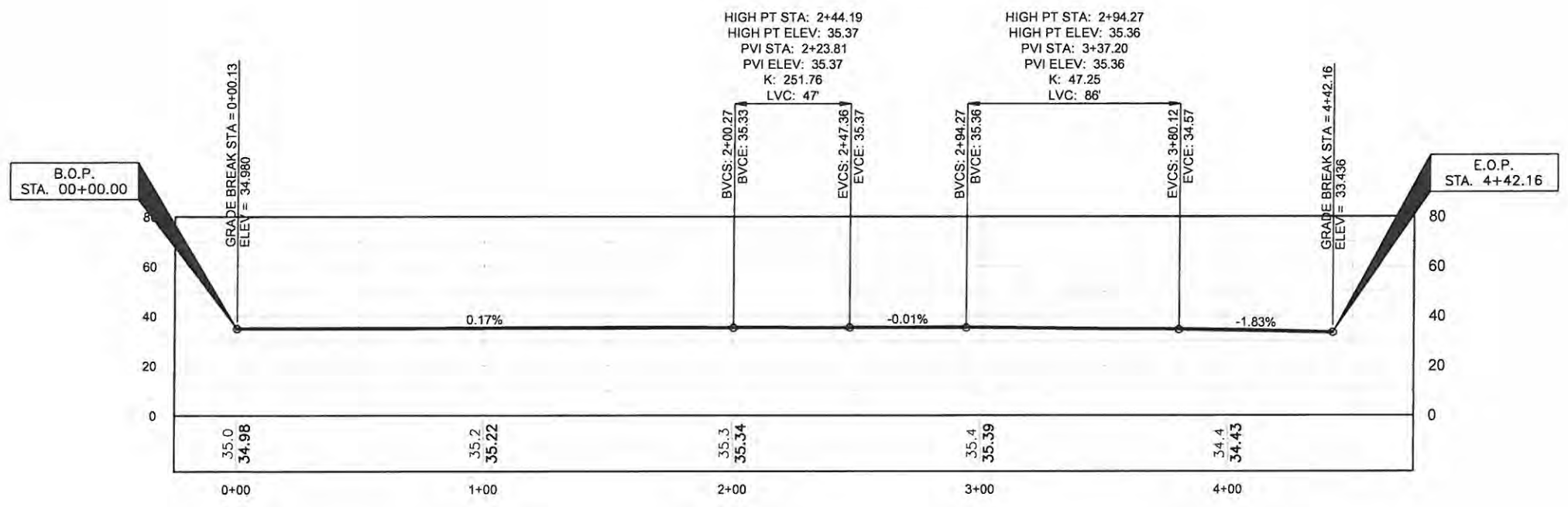
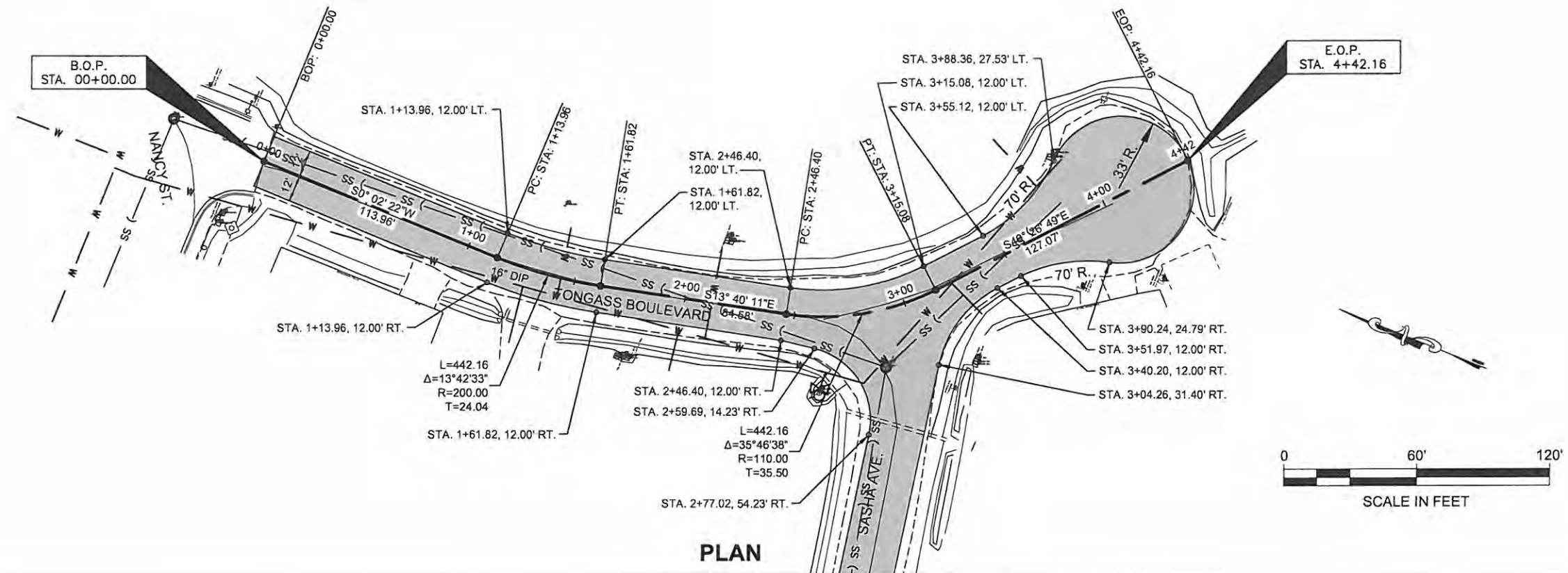
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DUST CONTROL-PAVING
PROJECT #69549

**PLAN AND
PROFILE**

PROJECT DESIGNATION
CMG - 00S(751)

STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F5	XX

No	DATE	DESCRIPTION



JNU: MENDENHALL VALLEY
DUST CONTROL-PAVING
PROJECT #69549

**TONGASS BOULEVARD
PLAN AND PROFILE**

CHECKED BY: C. HOWARD



DESIGNED BY: C. HOWARD

DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

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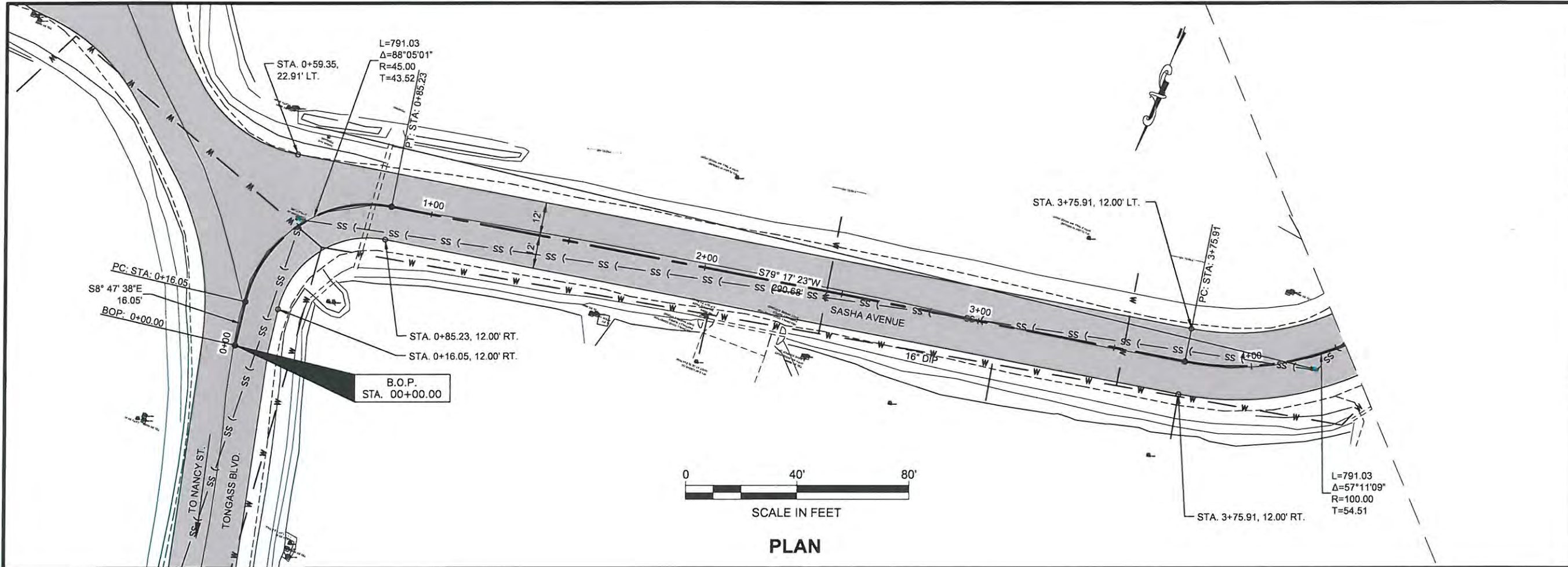
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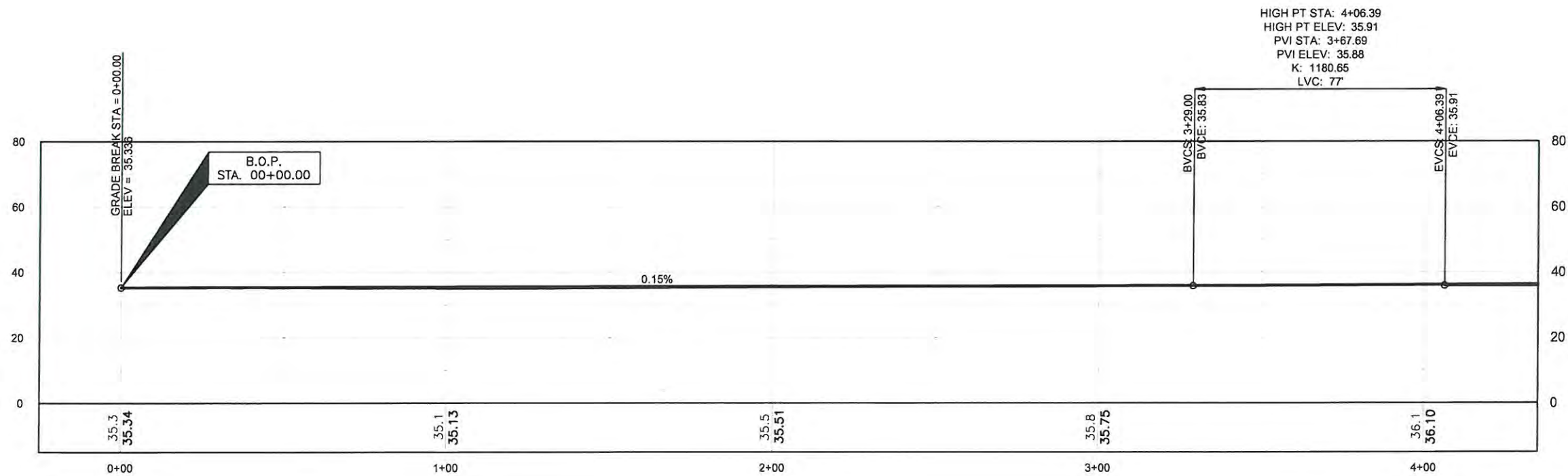
STATE	YEAR
ALASKA	2013

SHEET NUMBER	TOTAL SHEETS
F6	XX

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PLAN



PROFILE

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STEVENS, DAVID A (DOT)
TAB: F7 Monday, October 14, 2013 8:39:16 AM

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No	DATE	DESCRIPTION

JNU: MENDENHALL VALLEY
DUST CONTROL-PAVING
PROJECT #69549

**SASHA AVENUE
PLAN AND PROFILE**

CHECKED BY: C. HOWARD



DESIGNED BY: C. HOWARD

DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

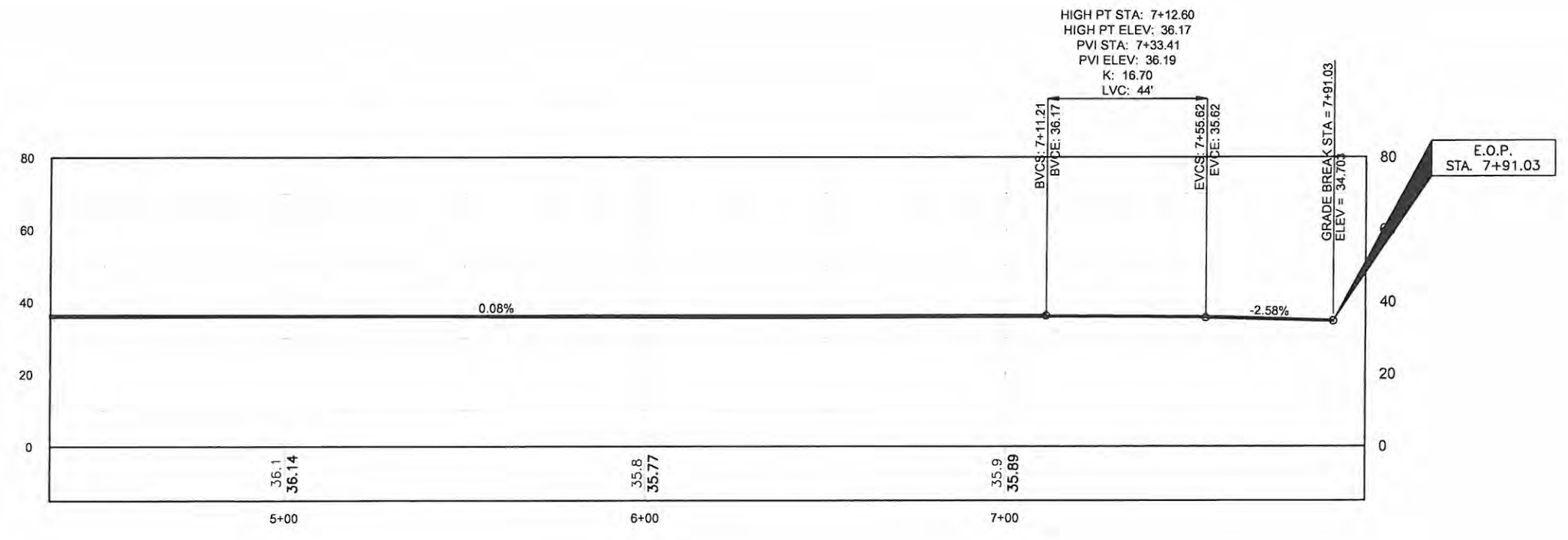
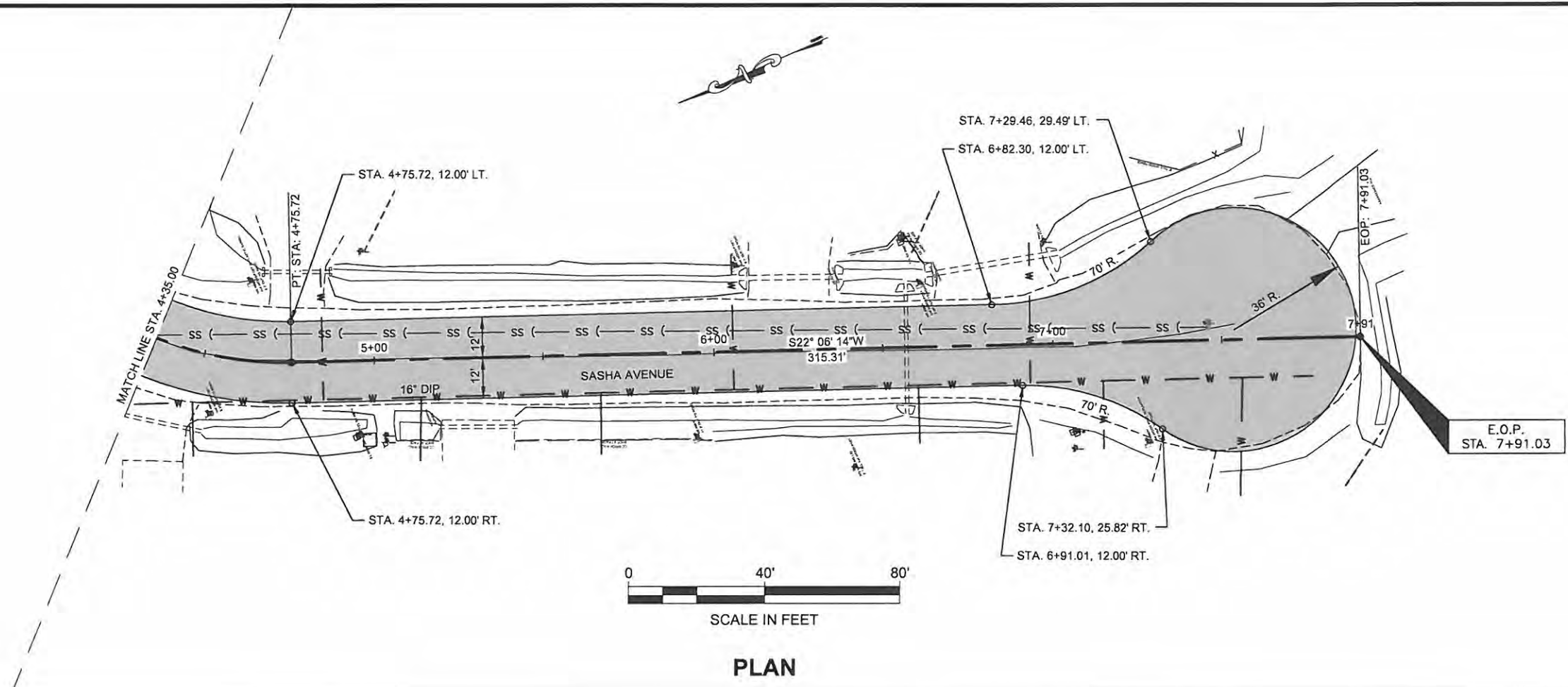
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DUST CONTROL-PAVING
PROJECT #69549

**PLAN AND
PROFILE**

PROJECT DESIGNATION
CMG - 00S(751)

STATE	YEAR
ALASKA	2013

SHEET NUMBER	TOTAL SHEETS
F7	XX



DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

JNU: MENDENHALL VALLEY
 DUST CONTROL-PAVING
 PROJECT #69549
**SASHA AVENUE
 PLAN AND PROFILE**

CHECKED BY: C. HOWARD



DESIGNED BY: C. HOWARD

DRAWN BY: D. STEVENS

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION

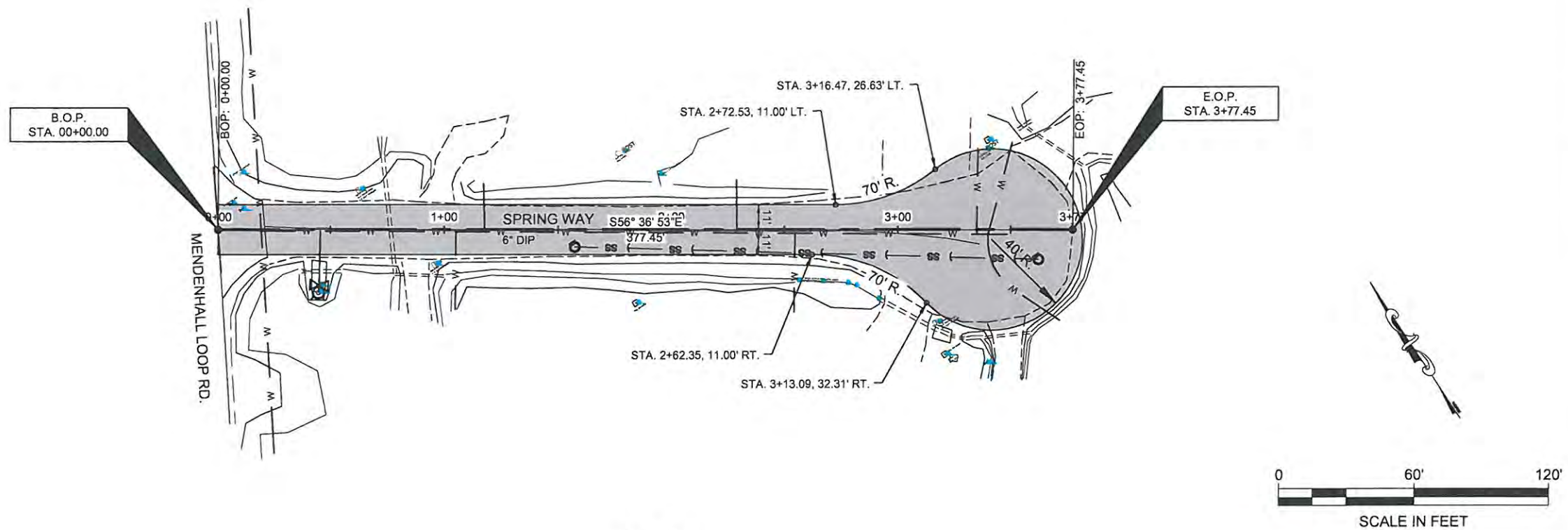
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 DUST CONTROL-PAVING
 PROJECT #69549

**PLAN AND
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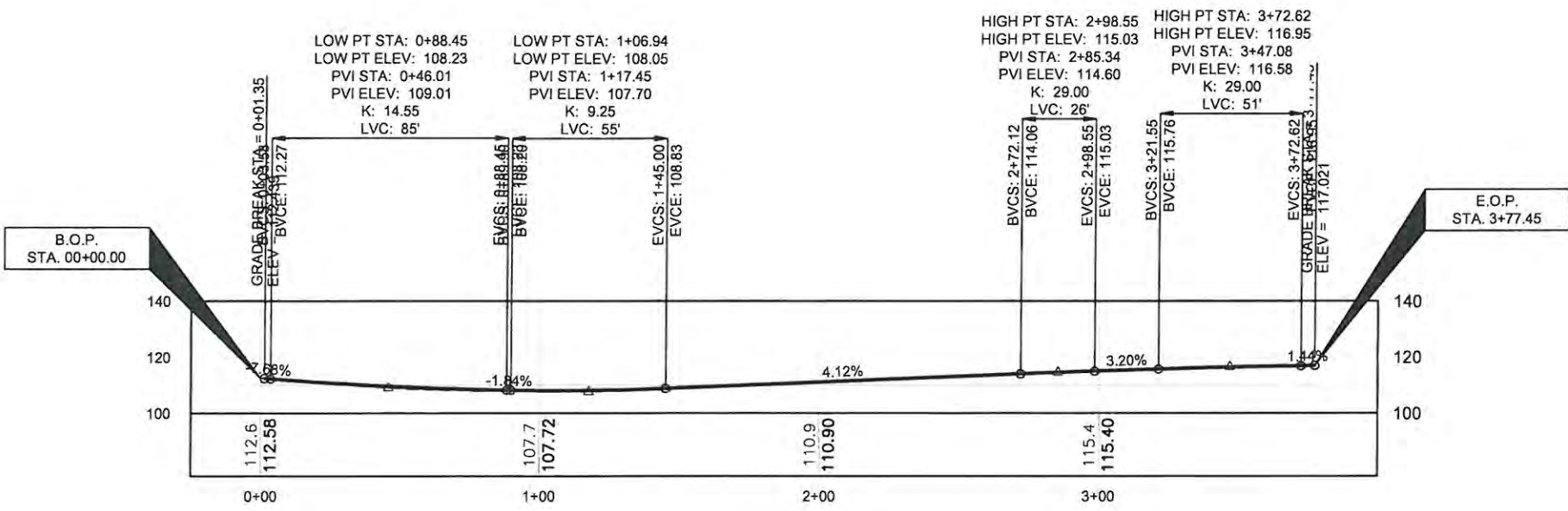
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CMG - 00S(751)

STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F8	XX

No	DATE	DESCRIPTION



PLAN



PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

JNU: MENDENHALL VALLEY
DUST CONTROL-PAVING
PROJECT #69549

**SPRING WAY
PLAN AND PROFILE**

CHECKED BY: C. HOWARD



DESIGNED BY: C. HOWARD

DRAWN BY: D. STEVENSON

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: MENDENHALL VALLEY
DUST CONTROL-PAVING
PROJECT #69549

**PLAN AND
PROFILE**

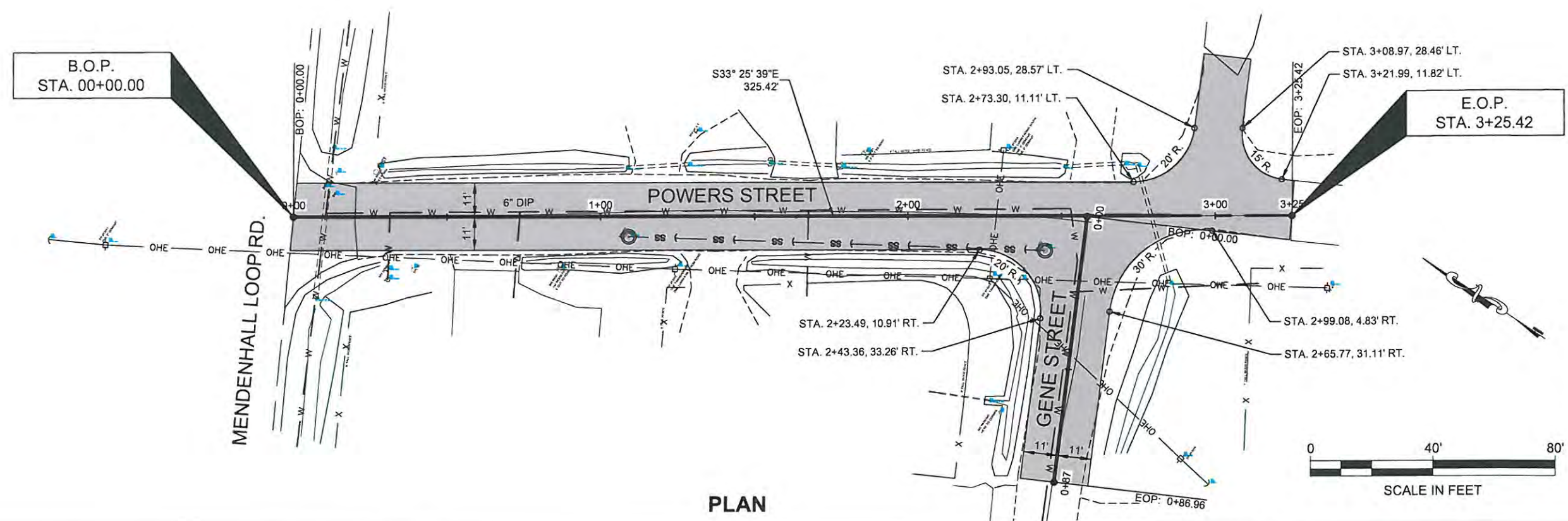
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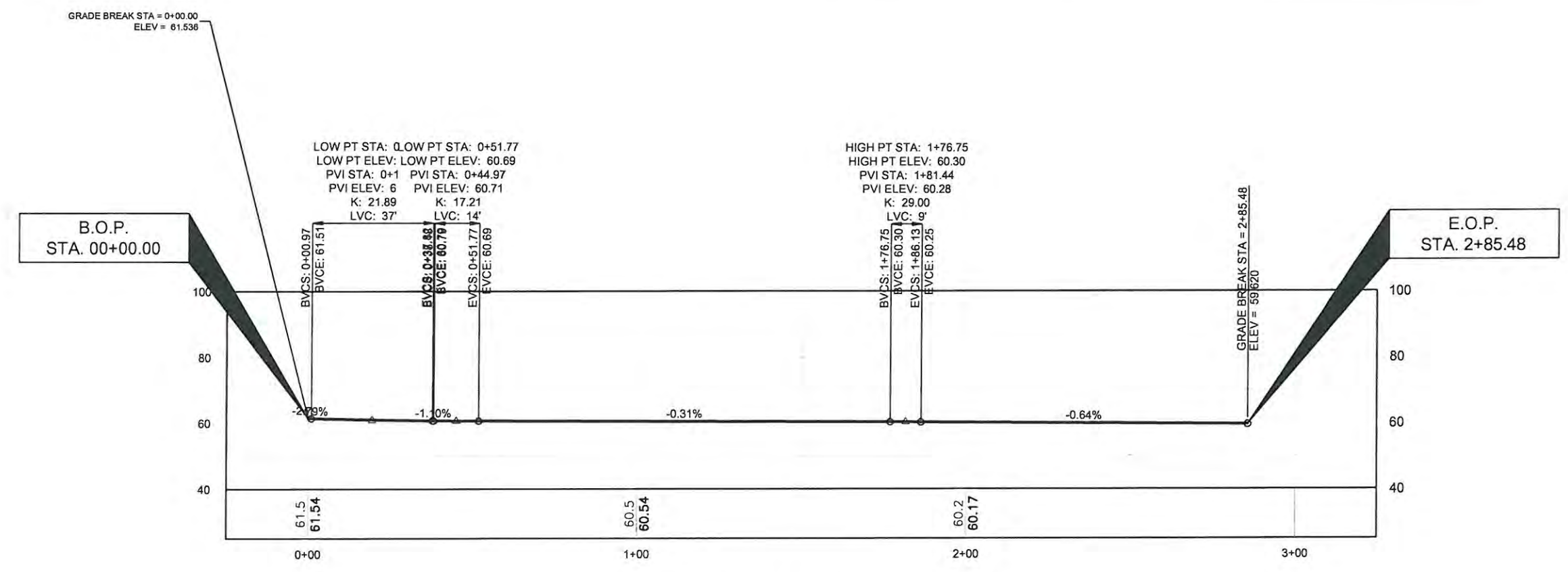
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ALASKA	2013

SHEET NUMBER	TOTAL SHEETS
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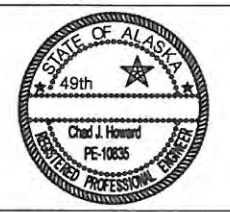
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JNU: MENDENHALL VALLEY
DUST CONTROL-PAVING
PROJECT #69549

**POWERS STREET
PLAN AND PROFILE**

CHECKED BY: C. HOWARD



DESIGNED BY: C. HOWARD
DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

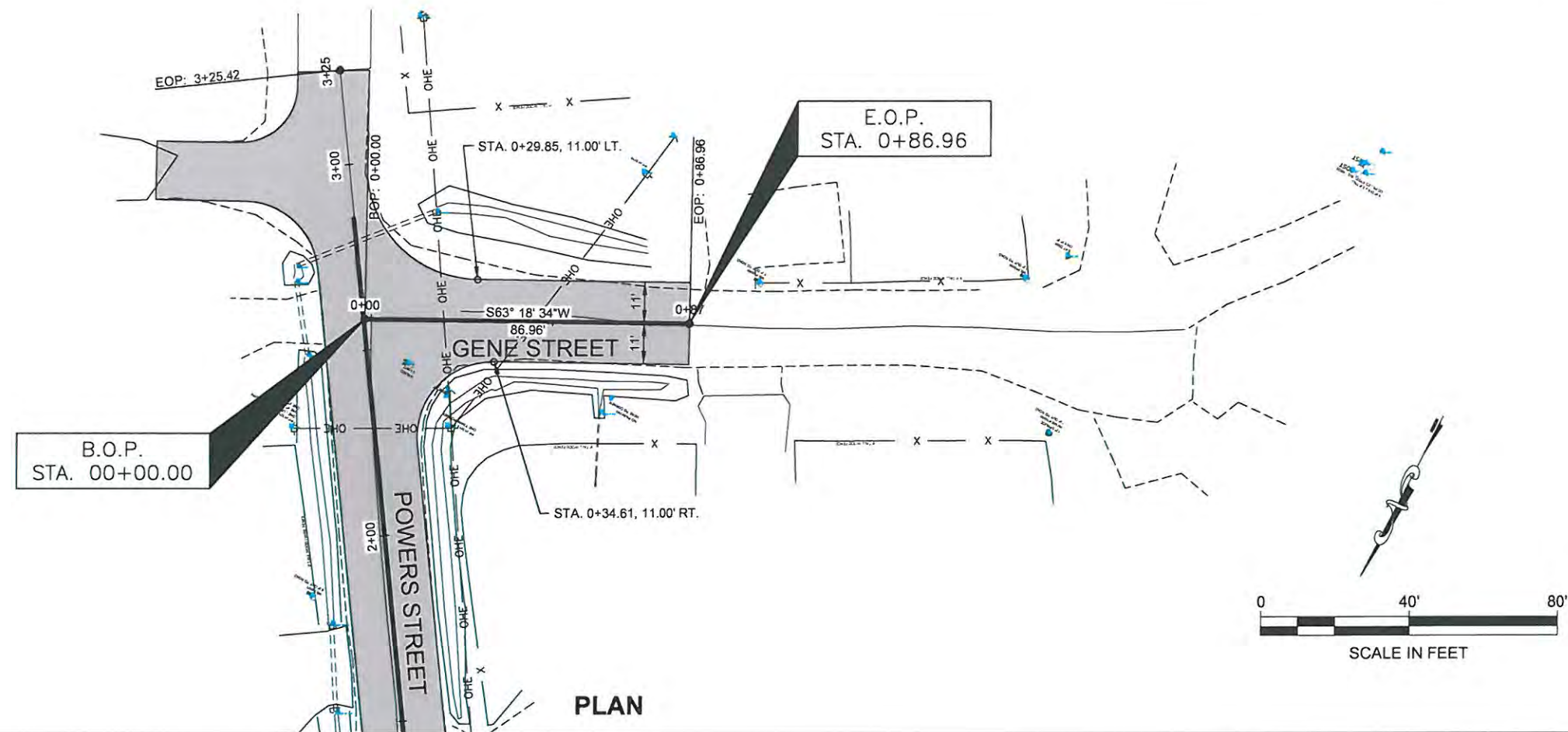
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DUST CONTROL-PAVING
PROJECT #69549

**PLAN AND
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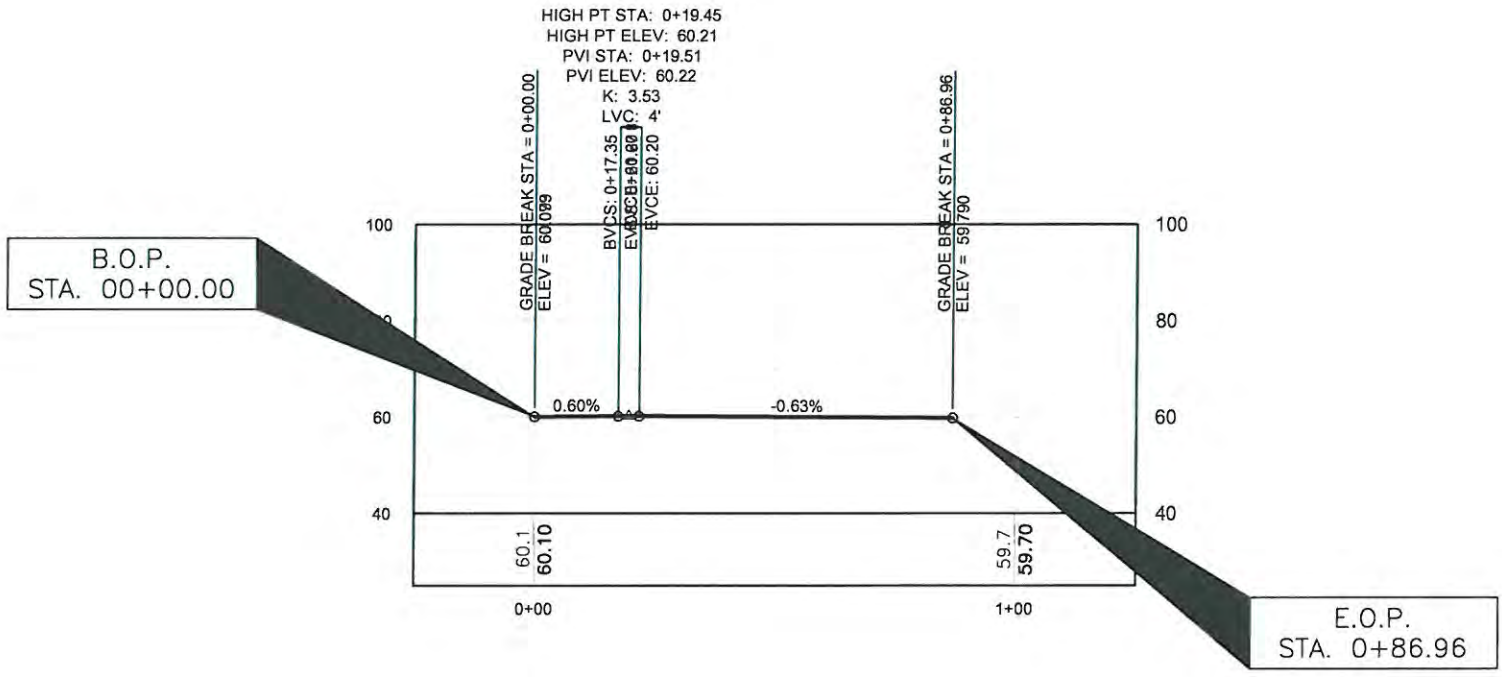
PROJECT DESIGNATION
CMG-00S(751)

STATE	YEAR
ALASKA	2013

SHEET NUMBER	TOTAL SHEETS
F10	XX



PLAN



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STEVENS, DAVID A (DOT)
TAB F11 Monday, October 14, 2013 8:06:33 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No	DATE	DESCRIPTION

JNU: MENDENHALL VALLEY
DUST CONTROL-PAVING
PROJECT #69549

GENE STREET
PLAN AND PROFILE

CHECKED BY: C. HOWARD



DESIGNED BY: C. HOWARD

DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

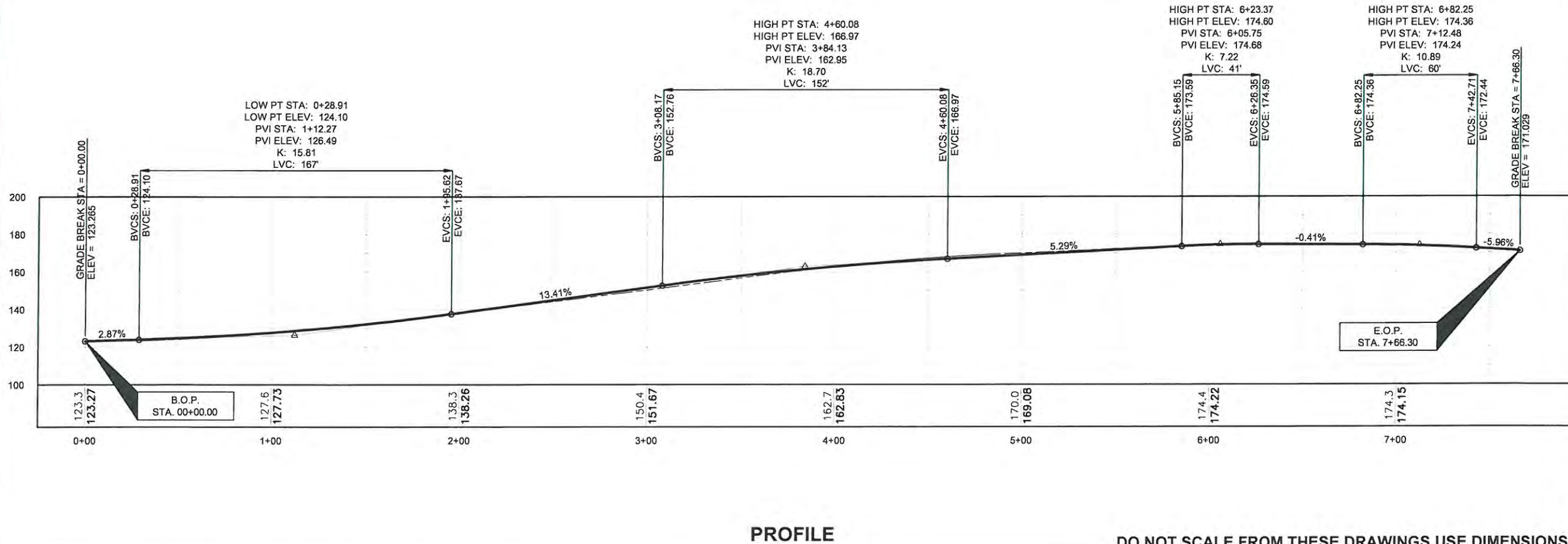
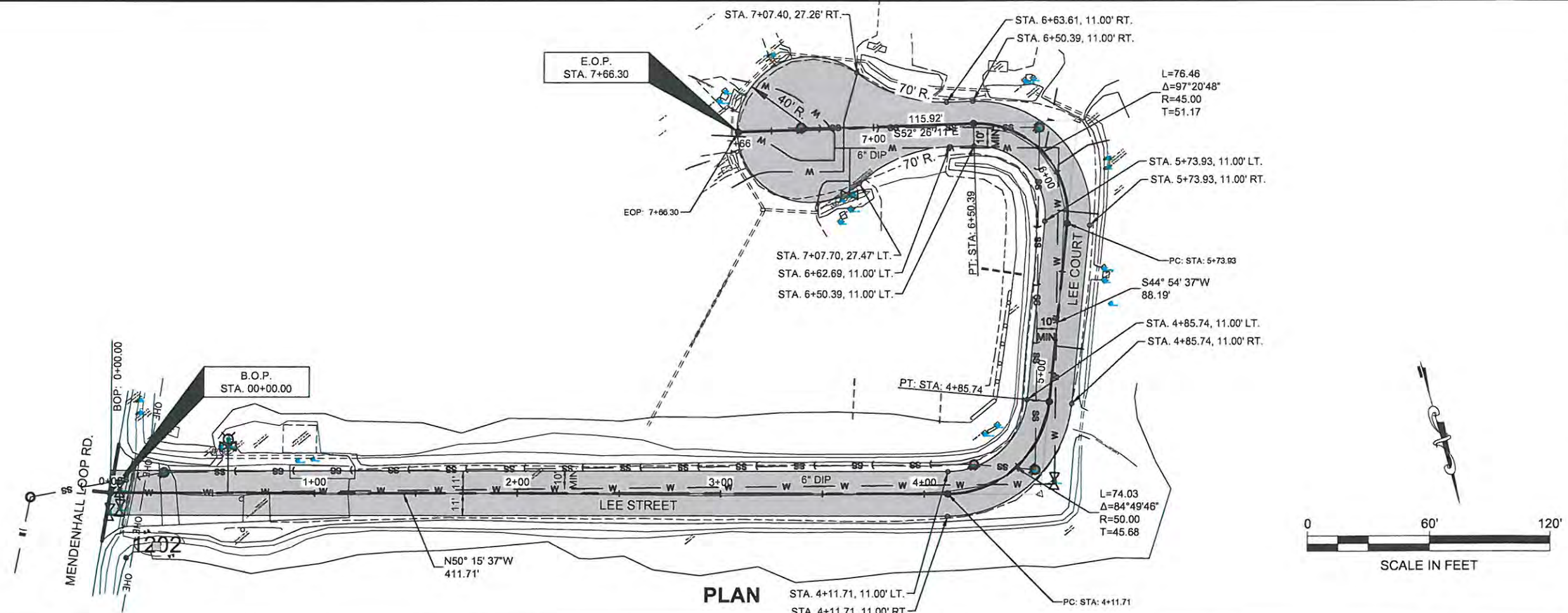
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DUST CONTROL-PAVING
PROJECT #69549

PLAN AND
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PROJECT DESIGNATION
CMG-00S(751)

STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F11	XX

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PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

JNU: MENDENHALL VALLEY
 DUST CONTROL-PAVING
 PROJECT #69549

LEE STREET
 PLAN AND PROFILE

CHECKED BY: C. HOWARD



DESIGNED BY: C. HOWARD

DRAWN BY: D. STEVENS

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION

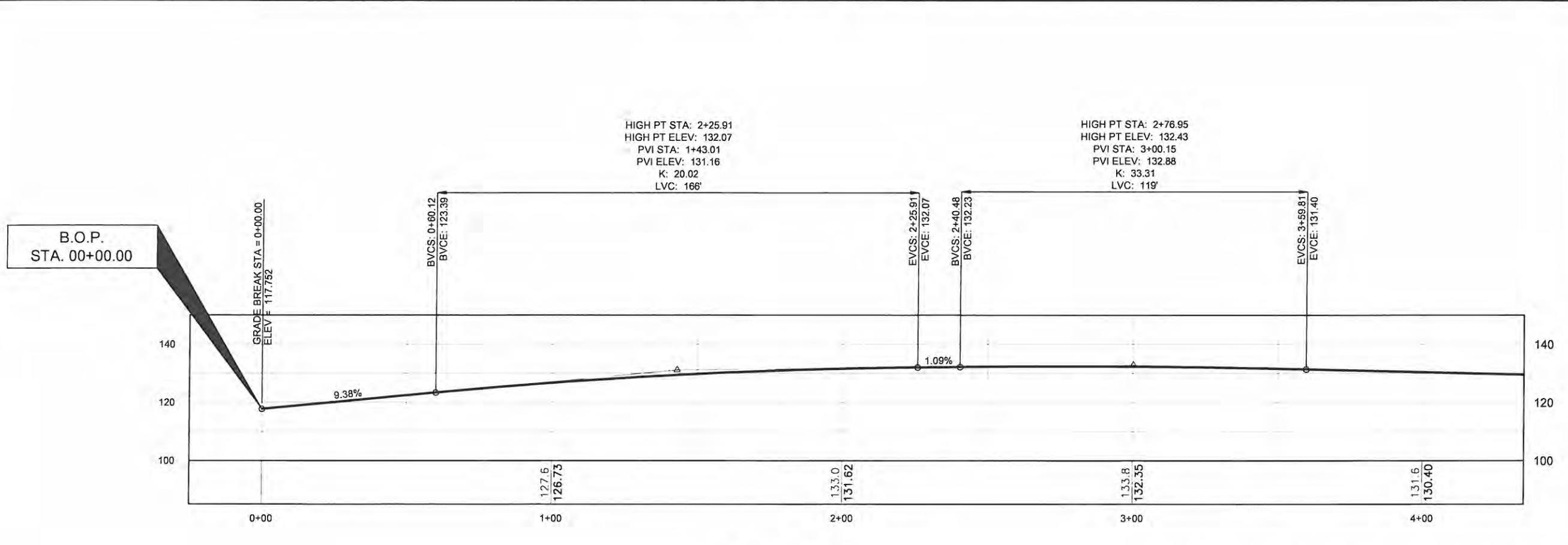
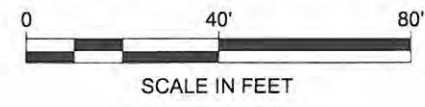
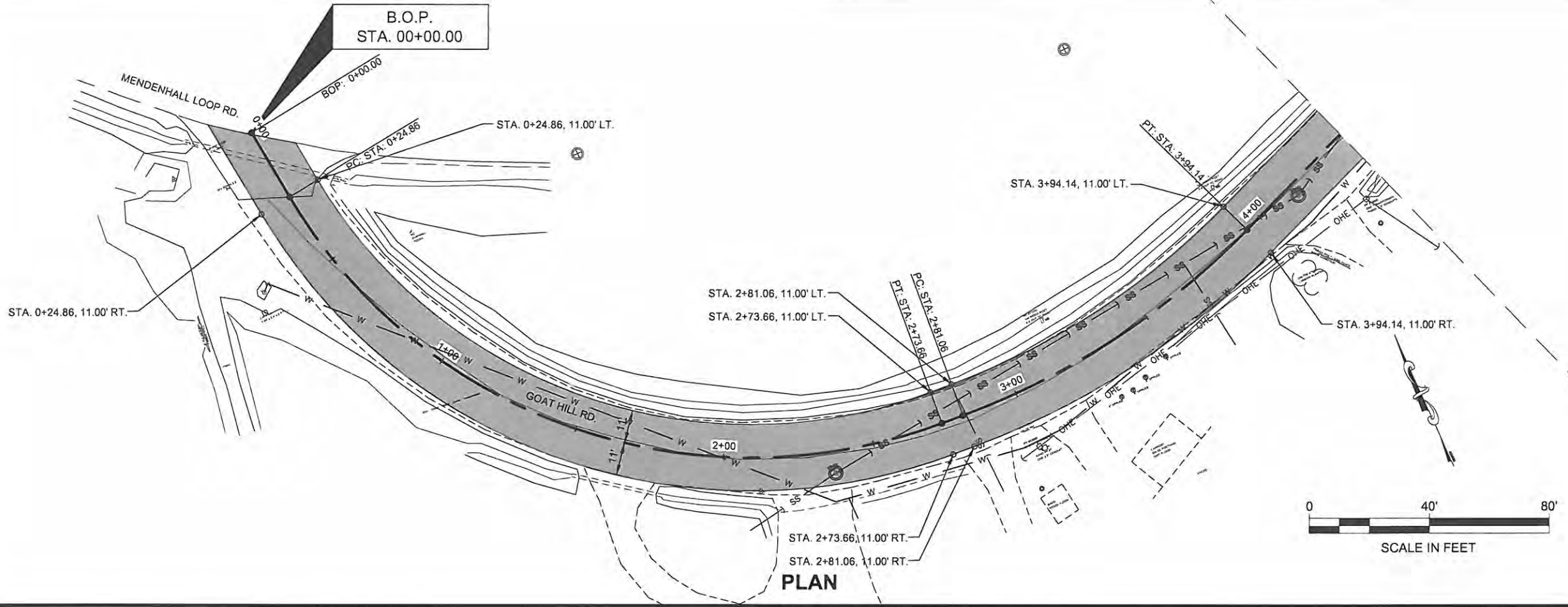
JNU: MENDENHALL VALLEY
 DUST CONTROL-PAVING
 PROJECT #69549

PLAN AND
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PROJECT DESIGNATION
CMG-00S(751)

STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F12	XX

JNU: MENDENHALL VALLEY
 DUST CONTROL-PAVING
 PROJECT #69549
 GOAT HILL ROAD
 PLAN AND PROFILE



CHECKED BY: C. HOWARD



DESIGNED BY: C. HOWARD

DRAWN BY: D. STEVENS

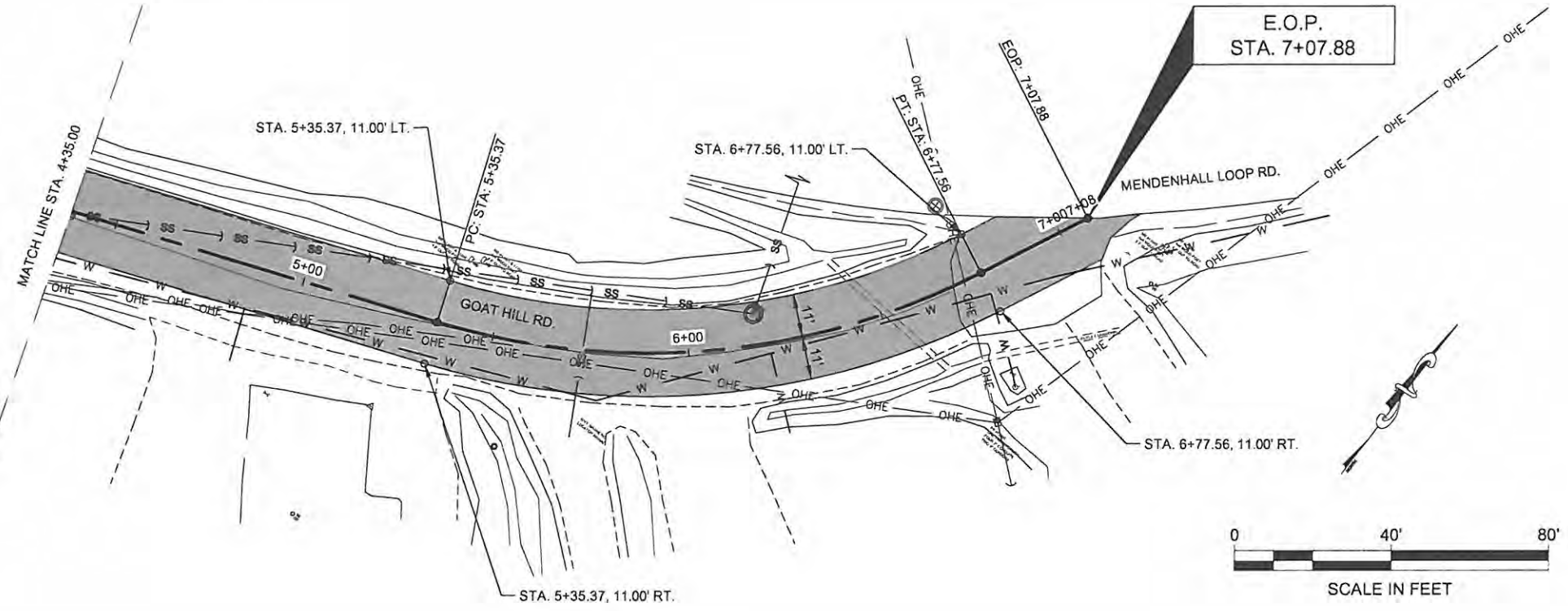
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION
 JNU: MENDENHALL VALLEY
 DUST CONTROL-PAVING
 PROJECT #69549

PLAN AND PROFILE

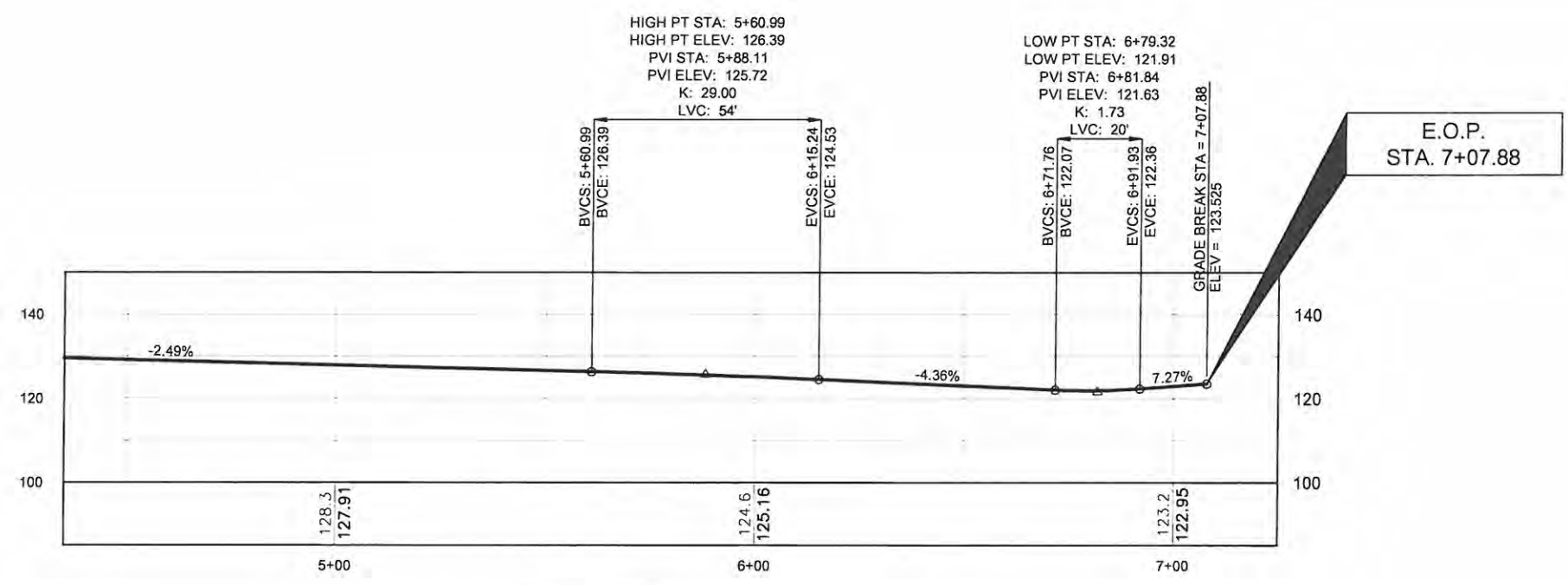
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STATE	YEAR
ALASKA	2013
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F13	XX

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JNU: MENDENHALL VALLEY
 DUST CONTROL-PAVING
 PROJECT #69549

**GOAT HILL ROAD
 PLAN AND PROFILE**

CHECKED BY: C. HOWARD



DESIGNED BY: C. HOWARD

DRAWN BY: D. STEVENS

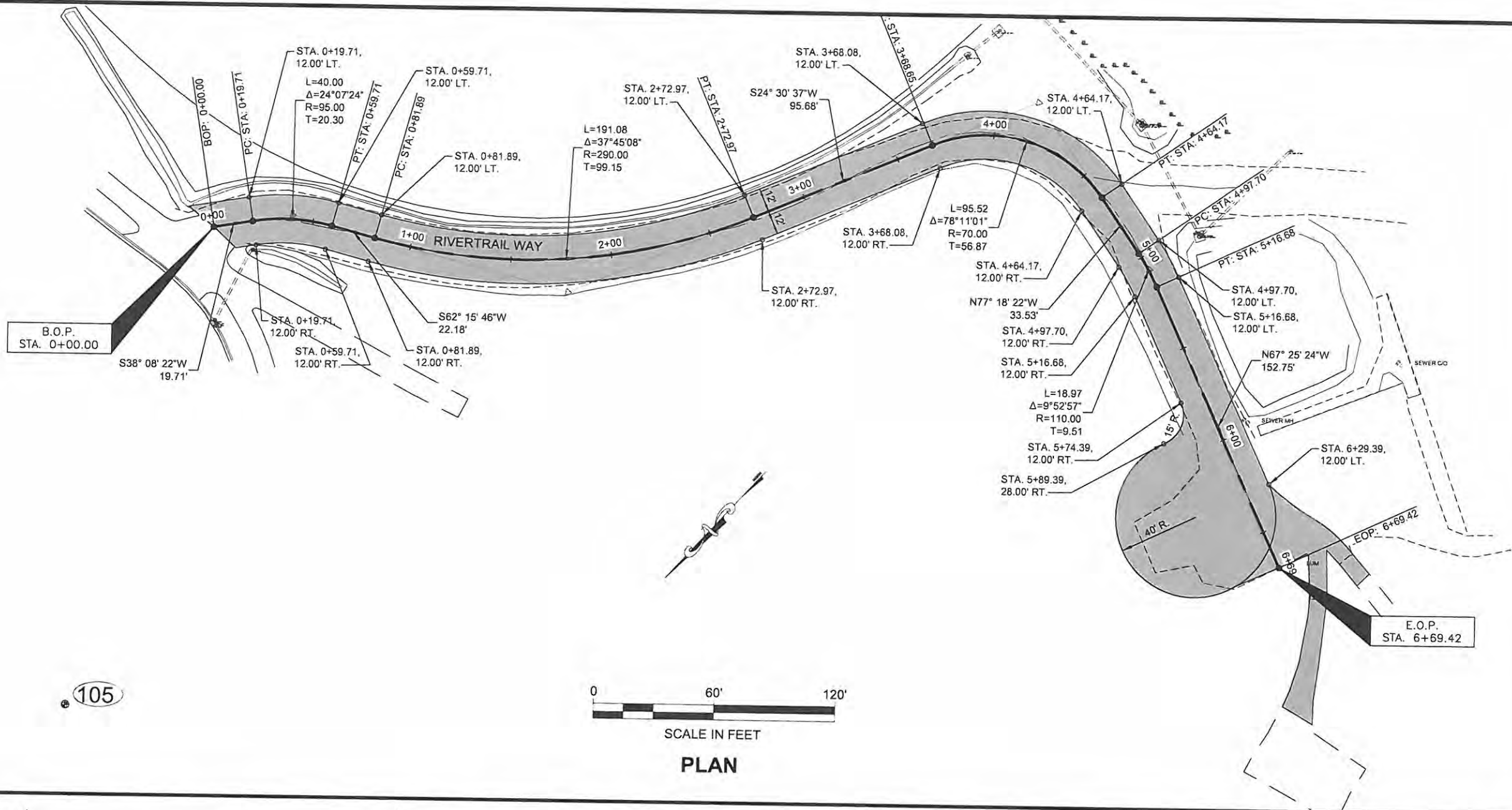
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION

JNU: MENDENHALL VALLEY
 DUST CONTROL-PAVING
 PROJECT #69549

**PLAN AND
 PROFILE**

PROJECT DESIGNATION
CMG - 00S(751)

STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F14	XX



PATH Q:\JNU\69549\PLANSET\RIVERTRAIL_P AND P.DWG

STEVENS, DAVID A (DOT)
TAB F15 Tuesday, October 29, 2013 9:21:11 AM

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No	DATE	DESCRIPTION

JNU: MENDENHALL VALLEY
DUST CONTROL-PAVING
PROJECT #69549

**RIVERTRAIL WAY
PLAN AND PROFILE**

CHECKED BY: C. HOWARD



DESIGNED BY: C. HOWARD
DRAWN BY: D. STEVENS

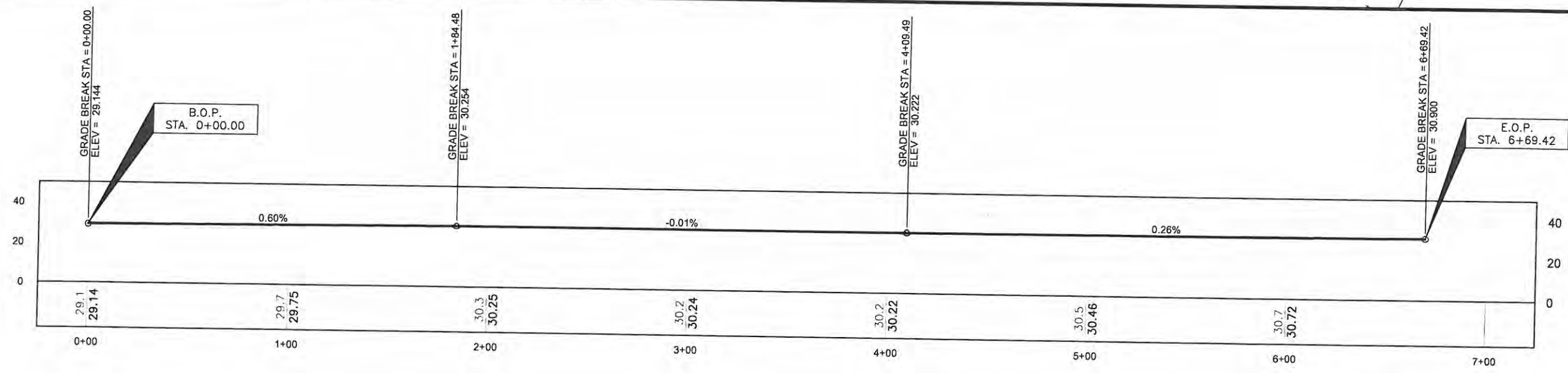
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU: MENDENHALL VALLEY
DUST CONTROL-PAVING
PROJECT #69549

**PLAN AND
PROFILE**

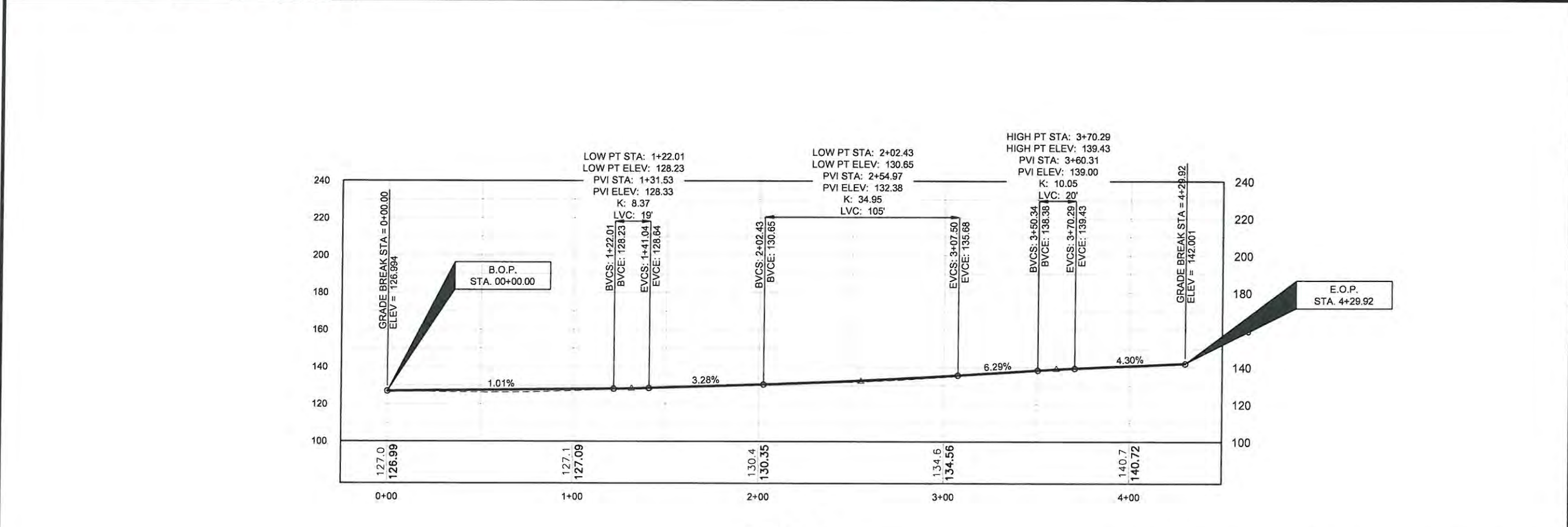
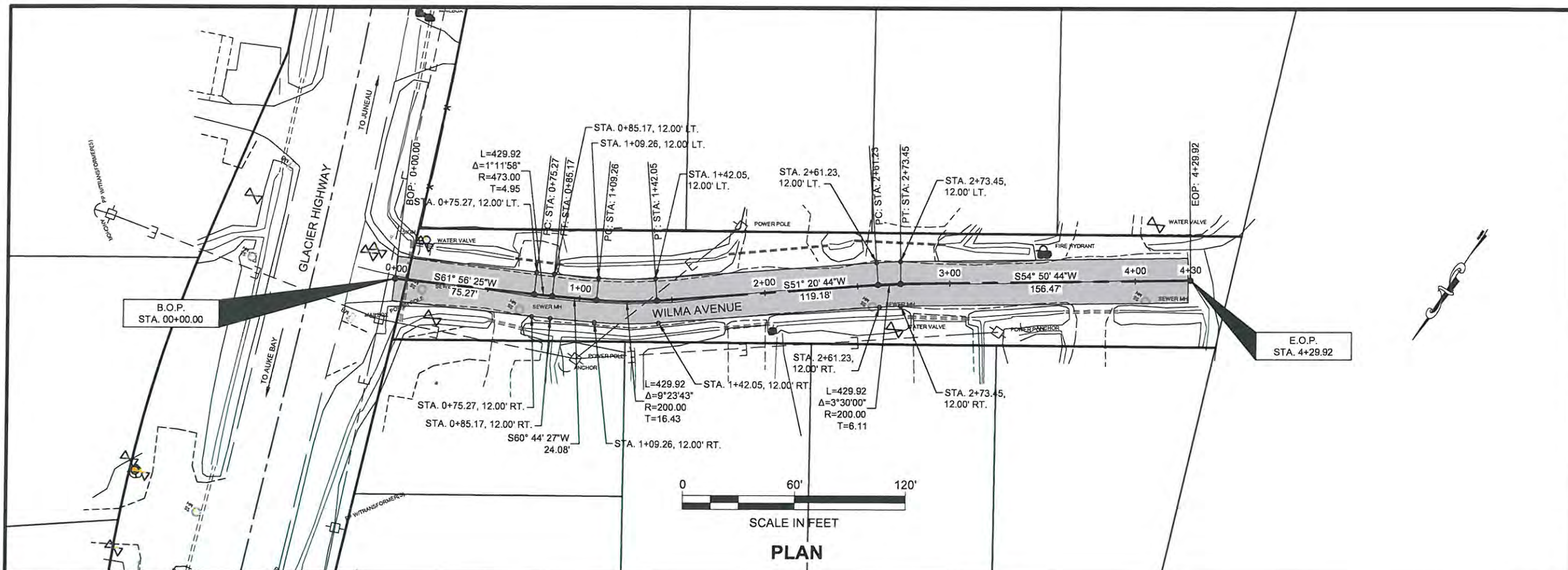
PROJECT DESIGNATION
CMG - 00S(751)

STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
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JNU: MENDENHALL VALLEY
 DUST CONTROL-PAVING
 PROJECT #69549
 WILMA AVENUE
 PLAN AND PROFILE



PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD



DESIGNED BY: C. HOWARD

DRAWN BY: D. STEVENS

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION

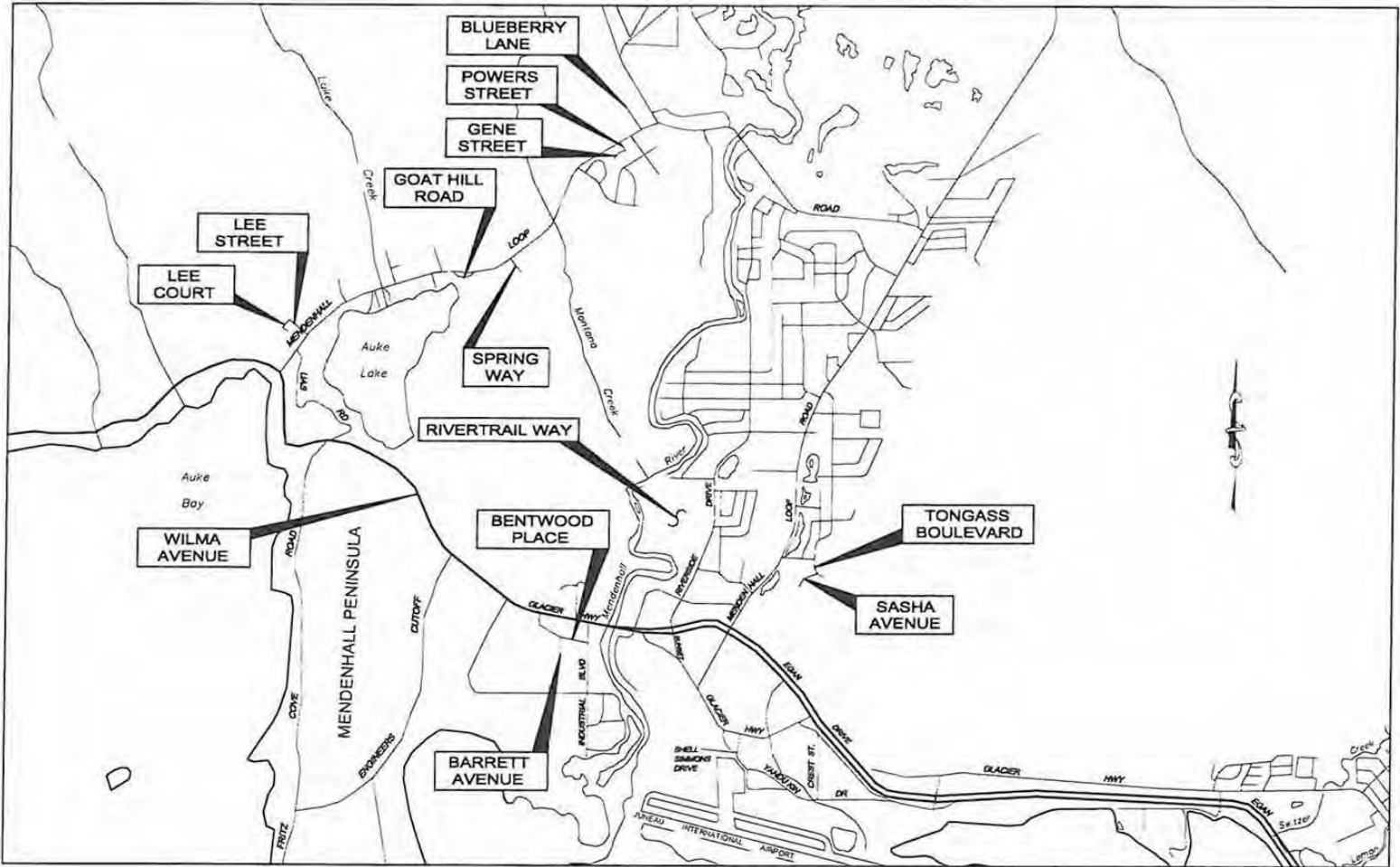
JNU: MENDENHALL VALLEY
 DUST CONTROL-PAVING
 PROJECT #69549

PLAN AND
 PROFILE

PROJECT DESIGNATION
 CMG-00S(751)

STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
F16	XX

NOTICE OF PUBLIC HEARING



Map Courtesy of AK DOT&PF

PROPOSAL: Mendenhall Valley paving and roadway reconstruction for dust control. Roadways to be paved include: Blueberry Lane, Powers Street, Gene Street, Goat Hill Road, Lee Street, Lee Court, Spring Way, Wilma Avenue, Barrett Avenue, Bentwood Place, Sasha Avenue, Tongass Boulevard and Rivertrail Way.

File No:	CSP2013 0031	Applicant:	State of Alaska DOT & PF
To:	Adjacent Property Owners	Property PCN:	0
Hearing Date:	January 28, 2014	Owner:	City and Borough of Juneau
Hearing Time:	7:00 PM	Size:	1.2 miles long (total), 20-24ft wide
Place:	Assembly Chambers	St. Classification:	Street other than arterial or collector
	Municipal Building 155 South Seward Street Juneau, Alaska 99801	Site Address:	Blueberry Lane, Powers Street, Gene Street, Goat Hill Road, Lee Street, Lee Court, Spring Way, Wilma Avenue, Barrett Avenue, Bentwood Place, Sasha Avenue, Tongass Boulevard and Rivertrail Way
		Accessed Via:	Glacier Highway; Mendenhall Backloop Road; Mendenhall Loop Road.

PROPERTY OWNERS PLEASE NOTE:

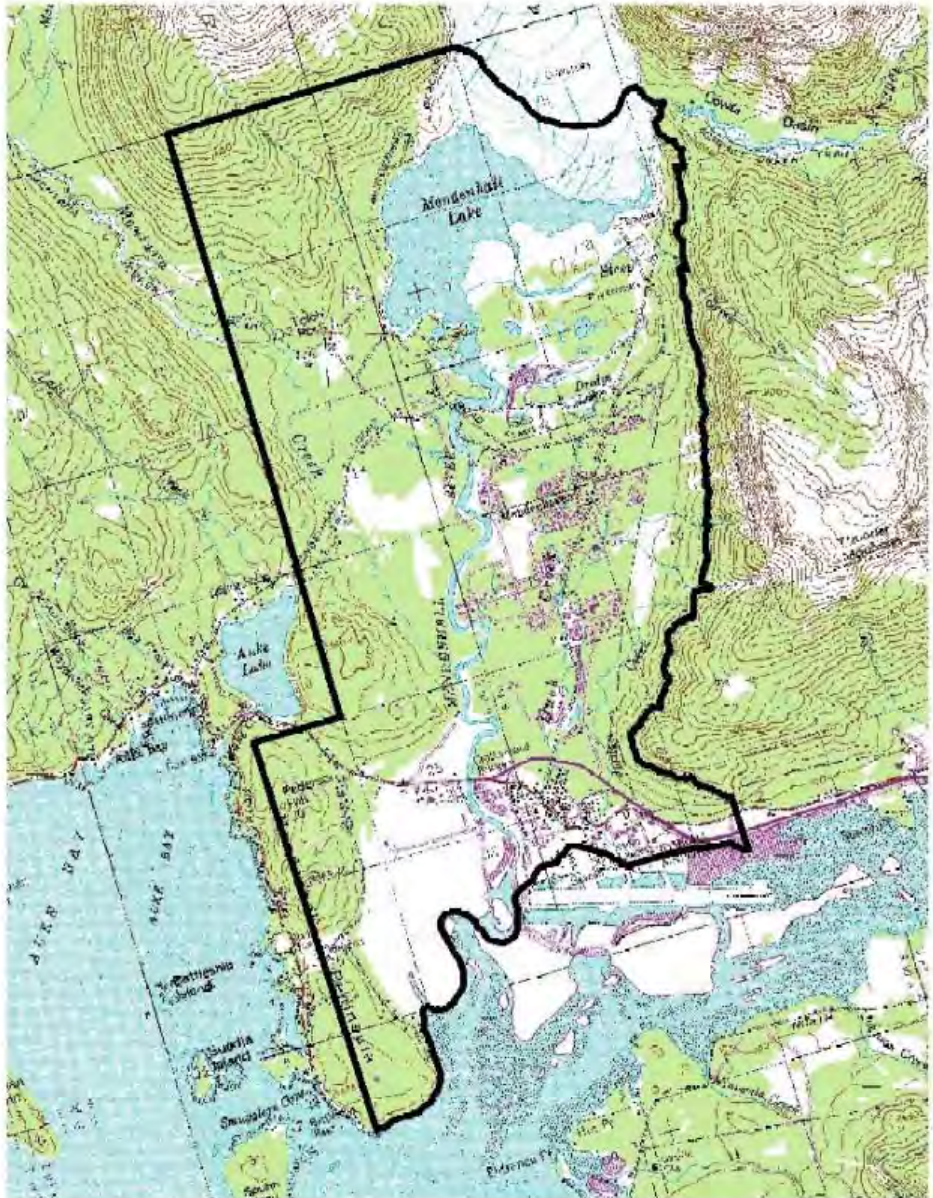
You are invited to attend this Public Hearing and present oral testimony. The Planning Commission will also consider written testimony. You are encouraged to submit written material to the Community Development Department no later than 8:30 A.M. on the Wednesday preceding the Public Hearing. Materials received by this deadline are included in the information packet given to the Planning Commission a few days before the Public Hearing. Written material received after the deadline will be provided to the Planning Commission at the Public Hearing.

If you have questions, please contact Sarah Bronstein at sarah_bronstein@ci.juneau.ak.us or at 586-0466.

Planning Commission Agendas, Staff Reports and Meeting Results can be viewed at www.juneau.org/plancomm.

Date notice was printed: December 31, 2013

Maintenance Area Boundary Juneau PM-10 Non-Attainment Area



Alaska Department of Environmental Conservation
Air & Water Quality Division
Air Inventory & Mobile Sources
4D Willsoughby Avenue, Suite 108
Juneau, Alaska 99801-2798

0.5 0 0.5 1 Miles



Memorandum of Agreement
Between the City and Borough of Juneau
& the Alaska Department of Transportation & Public Facilities
for the Juneau Mendenhall Valley Street Dust Control
(Paving)
(AKDOT&PF Project # 69549)

I. Introduction

The Alaska Department of Transportation and Public Facilities (DOT&PF) and the City and Borough of Juneau (CBJ), an Alaska municipality, mutually agree to the terms and conditions of this Memorandum of Agreement (MOA). Alaska Statute 44.42.020 authorizes DOT&PF to cooperate, coordinate, and enter into agreements with the federal government and municipalities to plan, design, and construct transportation facilities. Jointly sponsored by CBJ and DOT&PF, the Juneau Mendenhall Valley Street Dust Control (Paving) Project (“Project”) was included in the current 2010-2013 DOT&PF Statewide Transportation Improvement Plan (STIP). This MOA is being executed to facilitate the planning, design and construction of said Project. CBJ is a municipality established under Alaska law, and Federal Highway Administration (FHWA) funding will participate in the Project.

II. Project Scope:

This Project was nominated by the CBJ for State Transportation Improvement Plan (STIP) funding and will use Congestion Mitigation/Air Quality (CMAQ) – These funds are for projects that can be proven to reduce traffic congestion and/or improve air quality in federally designated non-attainment areas. Mendenhall Valley is a non attainment area. There is no local match required for these funds.

Juneau's Mendenhall Valley did not meet the National Ambient Air Quality Standard (NAAQS) for particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM10) in the 1980s. ADEC produced a Limited Maintenance Plan (LMP) for the Mendenhall Valley area of Juneau on February 20, 2009. The LPM states the sources of PM10 in the valley “include residential wood smoke, ball fields and playgrounds, automobile exhaust, and fugitive dust.” According to the State Implementation Plan by ADEC, a source of fugitive dust is unpaved roads and the State will pave these streets in an attempt to control the fugitive dust.

This project will pave CBJ roads in the Valley that are currently unpaved and a source of fugitive dust. This project will pave the following CBJ streets and parking lot as funding allows. 1) Dimond Park Parking Lot; 2) Blueberry Lane; 3) Gene Street; 4) Goat Hill Road; 5) Powers Street; 6) Spring Way; 7) Sasha Avenue; 8) Tongass Boulevard (Nancy St to End); 9) Barrett Avenue; 10) Bentwood Place; 11) Lee Court; and 12) Lee Street.

The Project Management Plan with Map is included as Appendix A.

III. Planning, Design, and Construction of the Project

A. Project Developed in Phases

The Project will be broken down into two phases, design through final PS&E and construction. DOT&PF has appropriated federal authorization for \$132,731 for design. The programmed amount in the current State Transportation Improvement Program (STIP) is \$2,000,000 for construction.

Upon completion and final closeout of the Project, if the final cost is less than the programmed amount, DOT&PF will return the money to FHWA.

B. DOT&PF's Responsibilities

DOT&PF shall:

1. Ensure that the FHWA funds appropriated for the Project are expended in accordance with Federal and State laws and regulations.
2. Include the Project in the STIP and update STIP as necessary.
3. Keep CBJ point-of-contact informed of Project status.
4. Charge staff time and expenses to the Project.
5. Deduct the appropriate rate of ICAP to the Project to cover DOT&PF indirect expenses. The current ICAP rate for FHWA projects is 4.79% of the total Project costs.

6. Obtain NEPA documentation before any final design is completed, and keep an interested parties list.
7. Develop, design and construct project compliant with FHWA's Federal Stewardship Agreement and Preconstruction Manual.
8. Obtain all required local, state and federal permits.
9. Develop Requests for Proposals ("RFPs") and enter into contracts for engineering services to develop the Project. The RFPs shall be submitted to the CBJ for comment prior to advertising for proposals.
10. Execute and manage any professional services agreements as necessary.
11. Keep CBJ point-of-contact informed of Project status.
12. Submit plan set to CBJ for review when design is approximately 35% complete.
13. When design is 95% complete, submit to CBJ for review and comment on the plans, specification and estimate (PS&E) that will go to advertisement for bid solicitation.
14. Provide the construction engineering and indirect cost allocation plan (ICAP) to CBJ with a copy of the contractor's Notice to Proceed.

C. CBJ's Responsibilities

CBJ shall:

1. Provide staff as needed with no cost to the Project.
2. Provide funding to cover any work determined to be ineligible for federal funding or exceeding actual or anticipated available funding for the Project prior to the DOT&PF commencing such work.
3. Provide funding to cover the costs of all Project related litigation, including legal fees and costs, including challenges to Federal permits or decisions, condemnation or right-of-way matters, procurement claims, and construction claims. CBJ shall assist the DOT&PF, as necessary, during the course of Project related administrative or civil proceedings and shall have the right to actively participate in the control of the litigation, including participating in strategy and settlement discussions if it elects to do so.
4. Review information and action items from DOT&PF and provide any necessary responses within fourteen calendar days of receipt.

5. Provide project management staff for coordination and review as needed with no cost to the Project.
6. Authorize the DOT&PF and its contractors on the Project to conduct the necessary work within the CBJ road rights-of-way, and provide the DOT&PF with construction easements or such other interests as required to meet federal right-of-way certification requirements.
7. Inspect the Project right-of-way and property prior to Project closeout. The CBJ may perform an environmental assessment of that property for the purpose of determining whether any hazardous material contaminates the property. For purposes of this agreement, a “hazardous material” is any chemical, metal, petroleum product, or other substance (or any combination of hazardous materials) that is designated as “hazardous” by the U.S. Environmental Protection Agency and that is regulated by any government agency in any quantity as a contaminant, hazardous material, or threat to health or safety.
8. Accept full ownership and complete responsibility for each phase or stage of the Project, and all improvements thereon, upon substantial completion of each phase or stage. The CBJ acceptance of ownership is not a direct or implied waiver of a contractor’s responsibility to satisfactorily complete the work.
9. Complete any utility improvements prior to this Project. Utility improvements are not part of the Project and costs of any such improvements are not eligible for federal participation under this Project.
10. Assist with local concurrence to the Project.

IV. PROJECT ADMINISTRATION

Except as otherwise expressly stated in this MOA, the DOT&PF shall be solely responsible for all Project procurement.

Except as otherwise expressly stated in this MOA, the DOT&PF will be solely responsible for the administration of all Project contracts, in accordance with its contract(s) with the contractor(s) (“construction contract(s)”). The CBJ has no direct or implied right to enforce any terms or conditions of any professional services or construction contracts against either the DOT&PF or the contractor(s) except where there is alleged Project mismanagement premised upon the DOT&PF’s gross negligence,

recklessness, or intentional misconduct. Nothing herein shall be read to modify the scope of AS 09.50.250 or to waive any provisions thereof.

V. FINAL INSPECTION

Representatives of the CBJ and the DOT&PF may jointly conduct final inspections of each phase or stage of the Project's construction. The DOT&PF shall, however, determine when each such phase or stage of the Project reaches the point of substantial completion. The term "substantial completion" as used in this MOA means that the construction is sufficiently completed to allow the owner or a person authorized by the owner: A) to occupy the phase or stage constructed and improvements thereon; or B) to use the phase or stage constructed and improvements thereon in the manner for which they were intended.

The DOT&PF shall provide the CBJ with an "As Built" of the Project and all improvements at Project closeout.

VI. THE CBJ'S RIGHT-OF-WAY, OPERATIONS, AND MAINTENANCE OBLIGATIONS

The CBJ's right-of-way, operations, and maintenance duties for the any stage or phase of the Project shall commence on the date of substantial completion of that stage or phase. The CBJ agrees that its obligations with regard to the Project's right-of-way, operations, and maintenance include the following:

A. The CBJ agrees to perform, at its own expense, those right-of-way, operations, and maintenance obligations required by the use of FHWA funds. In carrying out these obligations, the CBJ's duties include:

1. Those identified in 23 C.F.R. §1.23 ("Rights-of-Way") and 23 C.F.R. §1.27 ("Maintenance"), which would otherwise be required of the DOT&PF if the DOT&PF owned the facility and improvements constructed under this MOA;
2. Management of the right-of-way and any utilities in accordance with relevant sections of 23 CFR Part 710 ("Right-of-Way and Real Estate") and 23 C.F.R. Part 645 ("Utilities");
3. Complying with the DOT&PF's Right-of-Way Manual;
4. Conducting oversight and management of utilities located in any Project

right-of-way consistent with the DOT&PF's Utility Manual, and complying with the utility policies and requirements set forth in AS 19.25.010-020 and 17 AAC 15;

5. Allowing no encroachments within the right-of-way of the Project without the prior consent of the DOT&PF and the FHWA;

6. Refrain from selling or conveying any portion of the right-of-way without prior consent from the DOT&PF. In the event that the DOT&PF gives its consent to the disposal of any portion of right-of-way acquired with federal-aid highway funds for the Project, the CBJ shall pay proceeds of the sale to the DOT&PF, which the DOT&PF will credit to the appropriate federal-aid and State accounts, based on the percentage of State match;

7. Issuing permits as required by the foregoing duties, and assuming sole responsibility for enforcement of all terms and conditions of such permits.

B. The CBJ agrees to maintain and operate the Project consistent with 23 C.F.R. §1.27 and the DOT&PF's Alaska Highway Maintenance and Operations Manual ("AHMOM"). In the event of conflict between 23 C.F.R. §1.27 and AHMOM, the more stringent provisions will establish the minimum standards with which the CBJ must comply.

C. The CBJ shall perform all operation and maintenance activities required by this MOA at its own expense and without reimbursement from the DOT&PF. Maintenance activities include, but are not limited to:

1. Planning, scheduling, administration, and logistics of maintenance activities;
2. Traffic control and safety;
3. Embankment protection, including erosion control, to as-built conditions;
4. Roadside management;
5. Guardrails and guardrail end treatments;
6. Snow and ice control, including all plowing, sanding, culvert and storm sewer thawing, snow hauling, winging, opening of shoulders, ice scraping, drift control, snow slide removal, and associated tasks as may be required for the safe and timely passage of the public;

7. Maintaining signs and delineators in an as-built condition and their replacement, including posts and foundations, when damaged, unreadable, or worn out;
8. Highway marking and repainting as required maintaining the performance of their intended function;
9. Removal of debris, rubbish, and dead animals;
10. Signing of seasonal weight restrictions as may be required by local conditions;
11. Pothole repair using the appropriate asphalt or concrete products on an as-needed basis;
12. Annual crack sealing;
13. Bridge repairs, which includes painting of localized rust areas, re-decking, and repair of guardrail and railing sections.

VII. TERM

This MOA shall become effective on the date of the last signature and shall apply for twenty years.

VIII. INCORPORATION CLAUSE

The CBJ shall comply with all applicable Federal and State laws, regulations, executive orders, stewardship agreements, and applicable DOT&PF manuals and guidelines, including those provisions that would apply to the DOT&PF if the DOT&PF were to perform those tasks to be performed under this MOA by the CBJ. This obligation is in addition to compliance with any law, regulation, or executive order specifically referenced in this MOA.

This obligation includes, but is not limited to, compliance with Federal and State uniform relocation assistance and real property acquisition policies; compliance with provisions of the Federal-Aid Policy Guide (“FAPG”); and compliance with the requirements of Title 23 of the United States Code and related implementing regulations, as set forth in the Code of Federal Regulations.

IX. INDEMNIFICATION

1. The CBJ shall hold the DOT&PF, the State, its officers, employees, and agents (collectively, "the State") harmless from and defend and indemnify the State for liability, claims, or causes of action arising out of this MOA or relating to the Project and the obligations being assigned.

(a) Notwithstanding the foregoing, the CBJ shall have no obligation to hold harmless and indemnify the State to the extent the State is determined to be liable for its own acts or omissions, except that:

(i) to the maximum extent allowed by law, the CBJ shall hold the State harmless from and indemnify the State for liability, claims, or causes of action arising from an alleged defect in the design or construction of any improvements transferred to the CBJ pursuant to this MOA, regardless of negligence or other fault, if such liability, claim, or cause of action arises out of an incident that occurs more than two years after the DOT&PF transfers ownership and maintenance responsibilities for the improvements.

(b). The CBJ's duty to defend shall apply regardless of whether it is also alleged that the State's acts or omissions contributed to the injury (including injury to personal property, real property or persons, including fatal injury).

(c) Neither liability, claims or causes of action arising from injuries which occurred prior to the completion of the Project, nor liabilities imposed by or claims or causes of action arising from or asserted under AS 46.03.822, shall be governed by this paragraph.

2. The DOT&PF shall add a special provision to its bid documents extending the protections of Standard Specification 107-1.13 to the CBJ. The DOT&PF shall add a special provision to its bid documents requiring the CBJ to be listed as an additional insured in all instances where the successful bidder would be required to add the DOT&PF as an additional insured. The CBJ shall have the right to enforce these provisions against the successful bidder.

X. EACH PARTY IS AN INDEPENDENT CONTRACTOR

For the purposes of this Agreement and all services to be provided hereunder, each party shall be, and shall be deemed to be, an independent contractor and not a partner, agent, or employee of the other party. Neither party shall have authority to make any

statements, representations, or commitments of any kind, or to take any action, which shall be binding on the other party, except as may be explicitly provided for herein or authorized by the other party in writing.

XI. CANCELLATION REMEDIES

1. If the CBJ requests cancellation of any professional services, consultant or construction contracts entered into by the DOT&PF, the CBJ shall be responsible for those costs not accepted for reimbursement by the FHWA, amounts the FHWA expects to be reimbursed for, and any other costs or expenses incurred by the CBJ or the DOT&PF in the Project to the date of cancellation or related to finalizing cancellation and Project termination.

2. If the DOT&PF is the primary cause of the cancellation, the DOT&PF shall bear those costs not accepted for reimbursement by the FHWA, amounts the FHWA expects to be reimbursed for, and any other costs or expenses incurred by the CBJ or the DOT&PF in the Project to the date of cancellation or related to finalizing cancellation and Project termination.

3. If it is determined that the cancellation was caused by third parties or circumstances beyond the control of the DOT&PF or the CBJ, the CBJ shall be responsible for those costs not accepted for reimbursement by the FHWA, amounts the FHWA expects to be reimbursed for, and any other costs or expenses incurred by the CBJ or the DOT&PF in the Project to the date of cancellation or related to finalizing cancellation and Project termination.

4. The foregoing remedies are in addition to any other remedies referenced in this MOA, and do not bar or limit the parties from resorting to any other remedy available at law or equity.

XII. PENALTY FOR BREACH OF MAINTENANCE OBLIGATIONS

A. Notification and Opportunity to Cure

If notified by the DOT&PF in writing that it is in violation of any of the terms, conditions, or provisions of Section III(C), VI, VII, or VIII of this Agreement, the CBJ shall have thirty (30) days from the date of such notification to remedy the violation; or, if

the remedy will take in excess of thirty (30) days to complete, the CBJ shall have thirty (30) days to commence implementation of a satisfactory remedy.

B. Remedies

In the event of breach of the CBJ's obligations to own, maintain and operate the Project or its improvements, the DOT&PF may seek damages which may include, but are not limited to:

1. Return of the Federal and State funds expended on the Project under this MOA;
2. Reimbursement to the DOT&PF for any costs incurred by the DOT&PF which are directly or indirectly related to fulfilling any of the CBJ's contractual commitments; and
3. Withholding of approval of future federal-aid projects until such time as the CBJ puts the Project in a state of compliance with this MOA.

XIII. MISCELLANEOUS PROVISIONS

A. **Amendment or modification of Agreement:** This MOA may only be modified or amended by written agreement signed by authorized representatives for both Parties.

B. **The Whole Agreement:** This MOA constitutes the entire agreement between the Parties. There are no other understandings or agreements between the Parties, either oral or memorialized in writing regarding the matters addressed in this MOA. This MOA may not be amended by the Parties unless an amendment is agreed to in writing, with the both Parties signing through their authorized representatives.

C. **Assignment:** Without the written consent of the DOT&PF, this MOA is not assignable by the CBJ either in whole or in part.

D. **Third Parties and Responsibilities for Claims:** Nothing in this MOA shall be construed as conferring any legal rights, privileges, or immunities, or imposing any legal duties or obligations, on any person or persons other than the Parties named in this MOA, whether such rights, privileges, immunities, duties or obligations be regarded as contractual, equitable, or beneficial in nature as to such other person or persons. Nothing in this MOA shall be construed as creating any legal relations between the DOT&PF and

any person performing services or supplying any equipment, materials, goods, or supplies for the Project.

E. Duty of Cooperation: The CBJ agrees to provide reasonable access to the Project and to relevant Project records, to any authorized representatives of the DOT&PF or U.S. Government. The CBJ further agrees to cooperate in good faith with inquiries and requests for information relating to the Project or its obligations under this MOA.

F. Necessary Approvals: In the event that any election, referendum, ordinance, approval, permit, notice, or other proceeding or authorization is requisite under applicable law to enable the CBJ to enter into this MOA or to undertake the Project, or to observe, assume or carry out any of the provisions of the MOA, the CBJ will initiate and consummate, as provided by law, all actions necessary with respect to any such matters so requisite.

G. Joint Drafting: This MOA has been jointly drafted by the Parties, and each party has had the ability and opportunity to consult with its legal counsel prior to signature. The MOA shall not be construed for or against either party.

K. Third Party Beneficiary Status: The CBJ is not an intended beneficiary of any contracts between the DOT&PF and any contractors, subcontractors or consultants or any other third parties, and has no contractual rights with respect to such contracts or any provisions thereof, unless expressly stated otherwise.

XIV. CONTACTS

The DOTPF's contact is Carolyn Morehouse (carolyn.morehouse@alaska.gov; 465-4234), Preliminary Design and Environmental Group Chief for the Southeast Region, or as may be re-designated in writing from time to time. The CBJ's contact is Rory Watt (Rorie_Watt@ci.juneau.ak.us; phone 586-0800), Director, CBJ Engineering, or as may be re-designated in writing from time to time.

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The undersigned agree to the terms of this Memorandum of Agreement:

STATE OF ALASKA,
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

Dated: 3-21-11

By: *Gary L. Davis*
Gary L. Davis,
Regional Director, Southeast Region

SUBSCRIBED AND SWORN TO OR AFFIRMED before me by Gary L. Davis, who is Regional Director for the Southeast Region of the Alaska Department of Transportation & Public Facilities, an agency established under Alaska law, on this 21ST day of March, 2011.



State of Alaska
Notary Public
DIANE E. POWELL
My Commission Expires w.o.f.c.

Diane E Powell
Notary Public, State of Alaska
My commission expires: w.o.f.c.

CITY AND BOROUGH OF JUNEAU

Dated: 4/4th/2011

By: *Rod Swope*
Rod Swope
City Manager, City and Borough of Juneau

SUBSCRIBED AND SWORN TO OR AFFIRMED before me by Rod Swope, who is City Manager of the City and Borough of Juneau, a Municipality established under Alaska law, on this 4th day of APRIL, 2011.

Angie Hull
Notary Public, State of Alaska
My commission expires: 05-14-11

APPENDIX A
PROJECT MANAGEMENT PLAN AND MAP

PROJECT MANAGEMENT PLAN

The Project Management Plan (PMP) is developed as the first deliverable after project assignment. The PMP provides a basis for support groups to schedule their resources and for preliminary engineering work to begin. It will be developed through project definition meetings and coordination with support sections.

Project Information		
Project Name:	JNU Mendenhall Valley Dust Control (Paving)	
AKSAS #:	69459 69549	
Scope:	This project will pave or chip seal the following City and Borough streets and Parking Lot as funding allows. 1) Dimond Park Parking Lot; 2) Blueberry Lane; 3) Gene Street; 4) Goat Hill Road; 5) Powers Street; 6) Spring Way; 7) Sasha Avenue; 8) Tongass Boulevard (Nancy St to End); 9) Barrett Avenue; 10) Bentwood Place; 11) Lee Court; and 12) Lee Street.	
Purpose & Need:	Juneau's Mendenhall Valley did not meet the National Ambient Air Quality Standard (NAAQS) for particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM10) in the 1980s. ADEC produced a Limited Maintenance Plan (LMP) for the Mendenhall Valley area of Juneau on February 20, 2009. The LPM states the sources of PM10 in the valley "include residential wood smoke, ball fields and playgrounds, automobile exhaust, and fugitive dust." According to the State Implementation Plan by ADEC, a source of fugitive dust are unpaved roads and the state will try to pave these streets to control the fugitive dust. This project will pave City of Juneau roads in the Valley that are currently unpaved and a source of fugitive dust.	
Program Schedule:	<u>Amount</u>	<u>Year</u>
	Phase 2	varies
	Phase 3	varies
	Phase 7	varies
	Phase 4	varies
	Total	\$1,000,000
		FFY10
		FFY10
		FFY10
		FFY10

Estimated Project Costs and Milestones	
Estimated projects costs are as follows:	
Preliminary Engineering - Phase 2	\$132,035
Right-of-Way - Phase 3	\$50,000
Utility Relocation - Phase 7	\$10,000
Construction - Phase 4	\$916,767
Grand Total Estimated Project Cost	\$1,108,802
Estimated project milestones are as follows:	
Environmental Document Approval	one step
Design Approval	09/30/10
Review PIH / PS&E	03/31/11
Final PS&E / ATA	04/22/11

PROJECT DEVELOPMENT

General				
Value engineering study required?		Yes	X	No
In-house design resources?	X	Yes		No
Consultant usage?		Yes	X	No
<u>Other Considerations/Comments:</u>				

Field Trip			
Did a Field Trip take place?		Yes	X
If Yes, what was the date of the Field Trip:			
<u>List of Participants:</u>			
Dave Stevens took some photos of the streets but no official field trip has taken place.			

Type of Project	
<input type="checkbox"/> New Construction / Reconstruction	<input type="checkbox"/> Rehabilitation
<input checked="" type="checkbox"/> Gravel to Pavement	<input type="checkbox"/> Other: _____
Design Functional Class: none, these are all City & Borough roads with no function class.	
<input type="checkbox"/> Rural Arterial	<input type="checkbox"/> Rural Collector
<input type="checkbox"/> Urban Arterial	<input type="checkbox"/> Urban Collector
	<input type="checkbox"/> Rural Local
	<input type="checkbox"/> Urban Local
	<input type="checkbox"/> Special Purpose Local
Design Speed <u>20 or less</u>	

Public Involvement Plan
<p>We will work with the City and Borough of Juneau to prioritize which the order of streets to resurface. A determination of asphalt or chip seal will need to be made with CBJ amd the Materials Section. We will let home owners know via mail. PIP will be determined during environmental document but the scope is insignificant enough to not hold a public meeting.</p>

SUPPORT GROUPS

Environmental

Proposed Level of Documentation: EIS EA CE

Environmental Analyst _____

Section 4(f) Not likely but will be evaluated. Choose type: Parks, Recreational Areas,
Section 6(f) Refuges, Historic Sites, etc.

Permits / Clearances Required:

DNR - OHMP Comments:

COE Comments:

106 Comments: surface treatment only.

ADNR Comments: No federal permits needed.

ADEC Comments:

CG / Bridge Comments:

Other Comments:

Special Considerations:

SUPPORT GOUPS

Locations / Survey				
Design topographic survey		Yes	X	No
ROW survey	X	Yes		No
Bridge site or hydraulic survey		Yes	X	No
<u>Other Considerations/Comments:</u>				
This is CBJ property and maybe private owners.				

ROW				
ROW acquisition		Yes	X	No
Relocations required		Yes	X	No
Temporary construction permits or easements	X	Yes		No
ROW base map preparation or update	X	Yes		No
<u>Other Considerations/Comments:</u>				
This is CBJ property and maybe private owners.				

Geotechnical / Materials				
FWD pavement analysis	X	Yes		No
Centerline investigation		Yes	X	No
Foundation or bridge site investigation		Yes	X	No
Materials site investigation		Yes	X	No
<u>Other Considerations/Comments:</u>				

Bridge Design				
3R analysis of existing bridges(s)		Yes	X	No
New bridge design		Yes	X	No
Other major structure design		Yes	X	No
<u>Other Considerations/Comments:</u>				
No bridges known at this time.				

SUPPORT GROUPS

Hydraulics / Hydrology				
Analysis of 48" or larger culverts for failure		Yes	X	No
Hydraulic design of large diameter culvert or multiple culvert installation(s)		Yes	X	No
Hydraulic site survey for a new or existing bridge		Yes	X	No
Floodplain analysis		Yes	X	No
Fish passage analysis		Yes	X	No
<u>Other Considerations/Comments:</u>				
Hydraulics will be involved with any existing drainage issues if found to correct prior to paving or chip seal.				

Traffic & Safety				
Accident analysis		Yes	X	No
Speed study		Yes	X	No
Signal warranty analysis or design		Yes	X	No
Intersection analysis or design		Yes	X	No
Illumination design		Yes	X	No
Alternative traffic analysis		Yes	X	No
<u>Other Considerations/Comments:</u>				
We will need Traffic & Safety support for traffic control plans and any signs and striping needed if covered by funding.				

Utilities				
Underground utility relocation(s)		Yes	X	No
Overhead utility relocation(s)		Yes	X	No
Railroad involvement		Yes	X	No
<u>Other Considerations/Comments:</u>				
No know utilities that need to be relocated. CBJ or other utility may want some upgrades but we will ask that this be done prior to this project.				

PROJECT MANAGEMENT PLAN APPROVALS

Prepared By:

Carolyn H. Morehouse
Engineering Manager

7/28/10
Date

Concur:

Carolyn H. Morehouse
Group Chief

7/28/10
Date

Concur:

Andy Hughes
Planning Chief

7.28.10
Date

Approved:

Vic Winters
Preconstruction Engineer

7.28.10
Date

cc: **Dave Stevens, Designer, PD&E, Preconstruction, Southeast Region**
Group Chief, P.E., Preconstruction, Southeast Region
Rob Murphy, Chief, ROW, Southeast Region
Vic Winters, P.E., Preconstruction Engineer, Southeast Region
Carolyn Morehouse, P.E., PD&E Chief, Preconstruction, Southeast Region
Gary Davis, Regional Director, Southeast Region
Richard Pratt, P.E., Chief Bridge Engineer, Bridge Design, Headquarters (*If Bridges on Project*)
Andy Hughes, Chief, Planning, Southeast Region
Robert Gregg, Project Control, Southeast Region
Bruce Brunette, Materials Engineer, Preconstruction, Southeast Region

MILESTONE DATA

Project Name: JNU Mendenhall Valley Dust Control (Paving)
AKSAS #: 69459

	Original Estimated Date
<u>ATP through Environmental Document Approved</u>	<u>one step</u>
PMP - Project Management Plan Complete	<u>28-Jul-10</u>
Public Hearing - Date Held	<u>n/a</u>
Environmental Document Approved	<u>10-Jan-11</u>
<u>ATP through Final PS&E Approved</u>	<u>30-Sep-10</u>
Design Study Report	<u>11-Feb-11</u>
LPA - Local Planning Authority Granted	<u>18-Feb-11</u>
Plans-In-Hand Begins	<u>4-Mar-11</u>
Review PS&E Begins	<u>31-Mar-11</u>
Final PS&E Submitted	<u>8-Apr-11</u>
<u>Authority to Advertise Approved</u>	<u>22-Apr-11</u>
Advertise for Bids Begins	<u>28-Apr-11</u>
<u>Support Group Milestones</u>	
Permits All Issued	<u>not applicable</u>
Title & Plans Complete	<u>31-Mar-11</u>
ATP through Appraisal & Acquisition Approved	<u>not applicable</u>
ROW Certification Ready	<u>11-Apr-11</u>
ATP through Utility Relocation Approved	<u>not applicable</u>
Utility Certification Ready	<u>11-Apr-11</u>

PHASE 4 PLANNING LEVEL ESTIMATE

Project Name: JNU Mendenhall Valley Dust Control (Paving)
AKSAS #: 69459

500

Data for Asphalt Cement Estimate	
% Oil for AC:	6.0%
% Oil for ATB:	4.5%

Data for CSP Estimate	
Project Length (ft):	0
Avg CSP Length (ft):	0
24"-36" CSP/mile:	0
48"-60" CSP/mile:	0

Estimating Factors:		
Borrow	2.0	tons/cy
Subbase	2.0	tons/cy
D-1	2.0	tons/cy
ATB	2.0	tons/cy
Asphalt Concrete	110	# / sy-in
Double AST Agg	60	# / sy
High Float Agg	75	# / sy
Prime/Tack	0.2	gallon/sy
Asphalt Oil	8.2	# / gallon
CRS2 Oil	0.80	gallon/sy
HFMS Oil	0.75	gallon/sy

220
550
300
400
720
450
400
1400
370
600
5910

<u>Item</u>	<u>Avg Width</u>	<u>Avg Depth</u>	<u>Avg Length</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Cost</u>	<u>Design Comments</u>
Remove Obstructions								
Clearing / Grubbing	0 ft		0 ft	0.0	LS	\$2,000	\$0	
Excavation	0 ft	0.0 ft	0 ft	0	ACRE	\$4,500	\$0	
Borrow	0 ft	0.0 ft	0 ft	0	CY	\$5.00	\$0	
Geotextile	0 ft		0 ft	0	TON	\$5.50	\$0	
				0	SY	\$3	\$0	
Streets								
Reconditioning			0 ft	0	STA	\$500	\$0	
Subbase- Streets	30 ft	0.5 in	6,000 ft	556	TON	\$36	\$20,000	
D-1	30 ft	0.3 in	6,000 ft	367	TON	\$40	\$14,667	
ATB	30 ft	0.3 in	6,000 ft	367	TON	\$64	\$23,467	
Asphalt Cem PG 52-28				17	TON	\$800	\$13,200	
Asphalt Concrete	30 ft	0.3 in	6,000 ft	367	TON	\$100	\$36,667	
Asphalt Cem PG 58-28				22	TON	\$800	\$17,600	
Parking Lot								
Reconditioning			1,000 ft	10	STA	\$500	\$5,000	
Subbase- Parking Lot	1,000 ft	0.5 in	1,000 ft	3,086	TON	\$16	\$49,383	
D-1	1,000 ft	0.3 in	1,000 ft	0	TON	\$20	\$0	
ATB	1,000 ft	0.3 in	1,000 ft	2,056	TON	\$32	\$65,778	
Asphalt Cem PG 52-28				93	TON	\$450	\$41,825	
Asphalt Concrete	1,000 ft	0.3 in	1,000 ft	2,037	TON	\$35	\$71,296	
Asphalt Cem PG 58-28				122	TON	\$500	\$61,111	
24" - 36" CSP				0	LF	\$120	\$0	
48" - 60" CSP				0	LF	\$200	\$0	
72"+ CSP				0	LF	\$250	\$0	
Fish CSP, Complete				0	EA	\$125,000	\$0	
Bridge, Complete	0 ft		0 ft	0	SF	\$240	\$0	
Bridge Detour					LS	\$0	\$0	
Guardrail				0	LF	\$25	\$0	
End Treatments				0	EA	\$2,750	\$0	
Chain Link Fence				0	LF	\$25	\$0	

PHASE 4 PLANNING LEVEL ESTIMATE

<u>Item</u>	<u>Avg Width</u>	<u>Avg Depth</u>	<u>Avg Length</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Cost</u>	<u>Design Comments</u>
Sidewalk	0 ft		0 ft	0	SY	\$30	\$0	
Curb Ramps				0	EA	\$3,000	\$0	
Curb & Gutter				0	LF	\$50	\$0	
Concrete Barrier				0	LF	\$50	\$0	
Pedestrian Signal Head					EA	\$4,000	\$0	
New Traffic Signal				0	EA	\$300,000	\$0	
Modified Traffic Signal				0	EA	\$125,000	\$0	
Luminaires				0	EA	\$10,000	\$0	
standard signs				0	sf	\$80	\$0	
Striping, Paint			0 ft	0	LF	\$0.15	\$0	
Striping, Methyl			0 ft	0	LF	\$1.10	\$0	
Construction Surveying				0	Crewday	\$2,500	\$0	
bilization&Demobilization						\$5,000	\$0	
Camp					LS	\$0	\$0	
Lodging / Perdiem					LS	\$0	\$0	

Subtotal \$419,793

Traffic Control / Maint. (6% rural to 18% urban) only for 4 signals 18.0% of Subtotal \$75,563

Miscellaneous Items (seeding, signing, ESCP, stormdrain, driveways, etc.) 40% of Subtotal \$167,917

Subtotal \$663,273

Mob/Demob 2% of Subtotal \$13,265

Subtotal \$676,538

CE 15% of Subtotal \$101,481

Subtotal \$778,019

ICAP 4.79% of Subtotal \$37,267

Total Phase 4 Cost \$916,767

Check of Phase 2 Funding: 15% of Phase 4 Cost \$137,515

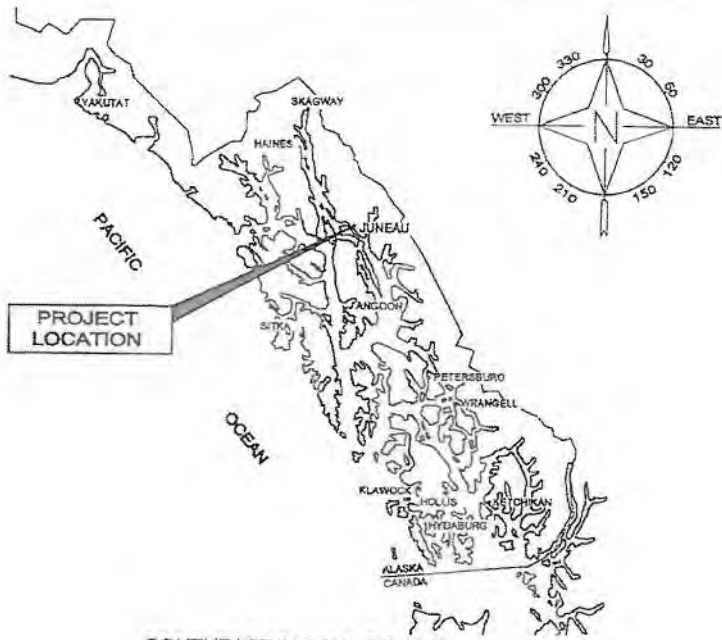
VALLEY STREETS SWEEPER LIST 2010

All Asphalt and Chip Seal are maintained by our sweeper

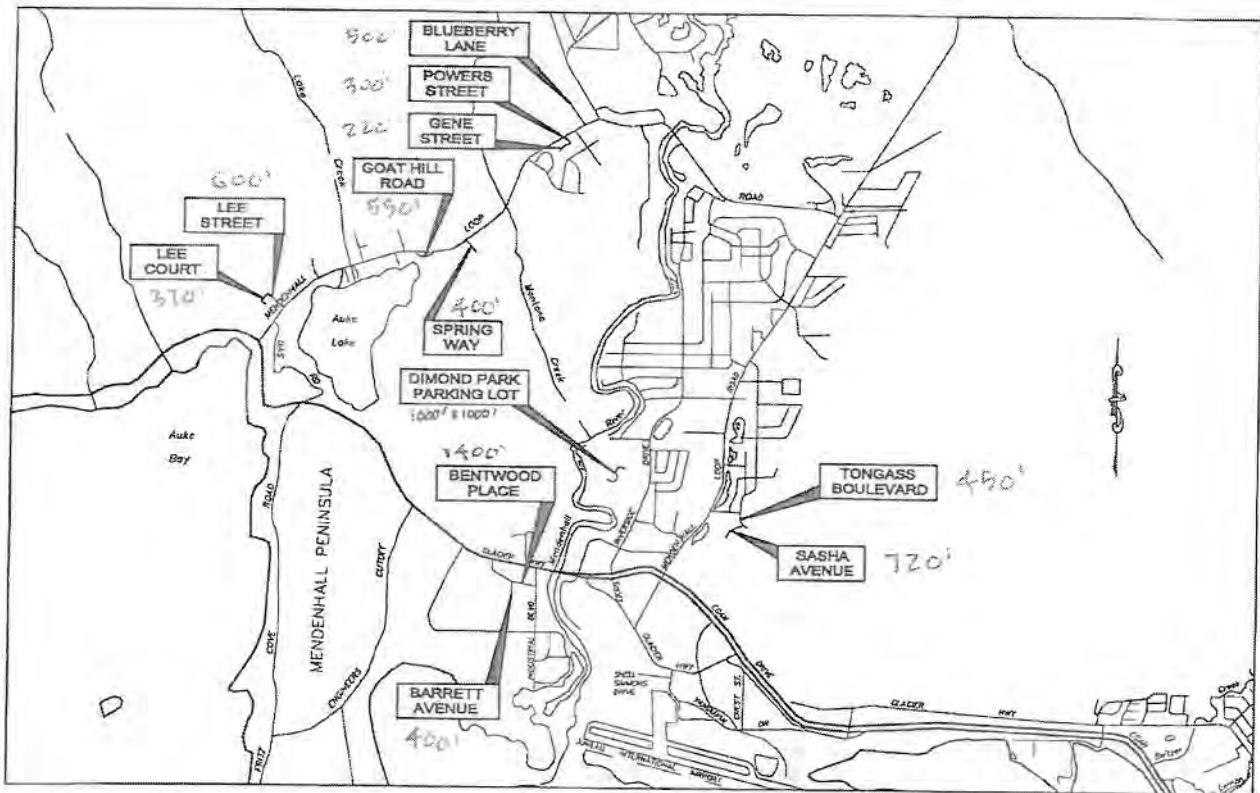
ASPHALT D-1 CHIP SEAL RAP

SOUTH VALLEY	EAST VALLEY	CENTER VALLEY	WEST VALLEY	BACK LOOP	OUT THE ROAD
AIRPORT BLVD.	AMALGA STREET	ALBATROSS STREET	BETTY COURT	ALL SEASONS DRIVE	ANN COLEMAN
ALDER CIRCLE	ATLIN DRIVE	ASPEN AVENUE	CENTER COURT	ARCTIC CIRCLE	BAYVIEW AVENUE
ALPINE AVENUE	BOULDER STREET	AUTUMN COURT	CLINTON DRIVE	AUKE STREET	BEARDSLEY WAY
ANTLER WAY	BRESEE STREET	BIRCH LANE	EMILY WAY	BLACK WOLF WAY	BONNIE PLACE
AURORA COURT	BROTHERS AVENUE	CEDAR COURT	FIREWEED LANE - W.	BLUEBERRY LANE	COHEN DRIVE
AURORA DRIVE	CANYON DRIVE	CEDAR DRIVE	GEE STREET - W.	CAROLINE STREET	CROSS STREET
BARRETT AVE.	CHANNCIE COURT	CINEMA DRIVE	KANT COURT	CHELSEA COURT	DOCK STREET
BENTWOOD PLACE	CIRCLE DRIVE	CLOVERDALE STREET	KILLEWICH Long Run to Sharon	CONE PLACE	FOX FARM TRAIL
BERNERS AVENUE	DEBORAH DRIVE	COLUMBIA BLVD	KILLEWICH DRIVE	CONIFER LANE	FRANK MAIER DRIVE
BRADY PLACE	DELTA DRIVE	DECOY BLVD.	LAKEVIEW COURT	COUNTERPANE LANE	HAMILTON STREET
BRANDY LANE	DIANE ROAD	DIVISION STREET	LONG RUN DRIVE - W.	DEBBIE COURT	HUGHES WAY
CAMDEN PLACE	DOLomite AVE	DOGWOOD LANE	MARION DRIVE	DREdge LAKE ROAD	ISLAND VIEW
CARROLL PLACE	DUDLEY STREET	DURAN COURT	MEANDER WAY	EYELET COURT	LEE DRIVE
CASCADE STREET	EASY STREET	DURAN - Portage to McGinnis	NORTHLAND STREET	GENE STREET	OCEAN VIEW
CRAZY HORSE DR.	ERIN STREET	DURAN STREET	PARKVIEW COURT	GLADSTONE ST. - W.	OLD GLACIER HWY
CREST STREET	EVERGREEN PARK RD.	E. VALLEY COURT	POSTAL WAY	GLENDALE STREET	OTTER RUN
DAWSON PLACE	FOREST GROVE	EL CAMINO STREET	RICHARDS DRIVE	GOAT HILL ROAD	POINT LENA WAY
DEL RAE ROAD	FOREST LANE	FIREWEED LANE - E.	RIVERCOURT WAY	HERON WAY	POINT LOUISA RD
EAGLE STREET	GAIL AVENUE	FIRNDALE STREET	SHARON STREET	HUMMINGBIRD LANE	RANDALL ROAD
HERBERT PLACE	GARNET STREET	GEE STREET - E.	STEPHEN RICH. - W	KELLY COURT	REISCHL WAY
HURLOCK AVENUE	GLADSTONE ST. - E.	GLACIER COURT	STREAM COURT	KLONDIKE WAY	SEAVIEW AVENUE
INDUSTRIAL BLVD.	GRANITE DRIVE	GLACIERWOOD DRIVE	TAKU BLVD.	LAKE AVENUE	SHERWOOD LANE
JENSINE STREET	GRANT STREET	HAFFNER COURT	TURN STREET	LAKE SHORE DRIVE	TOWERS ROAD
JORDAN AVENUE	HALOFF WAY	ICHABOD LANE	VINTAGE BOULEVARD	LEE COURT	WILDMEADOW LANE
KA-SEE-AN DRIVE	HAMSTEAD LANE	JAMES BLVD		LEE STREET	WILDMEADOW CT
KEVIN COURT	HAYES WAY	JERRY DRIVE		LILAC DRIVE	
LADD STREET	JENNIFER DRIVE	JULEP STREET		LONEWOLF WAY	
LA PEROUSE AVE.	KANATA DEVI	LINDA AVENUE		MAGNOLIA CT	
LEE SMITH DRIVE	KEEGAN STREET	LONG RUN DRIVE		MINK CIRCLE	
MAIER DRIVE	KIMBERLY STREET	LUPINE LANE		MONTANA CREEK RD	
MALLARD STREET	KIOWA DRIVE	MARSHA AVENUE		MORaine WAY	
MEADOW LANE	LORI AVENUE	MCGINNIS DRIVE		NINNIS	
MINER COURT	MALISSA DRIVE	MELROSE STREET		POND VISTA DR.	
MINER DRIVE	MANOR AVENUE	MENDENHALL BLVD		POPPY CT	
MUIR STREET	MARILYN AVENUE	MINT WAY		NORTH LOOP WAY	
NORRIS PLACE	MITCHELL WAY	MOUNTAINWOOD CIRC.		POWERS STREET	
O'DAY DRIVE	NANCY STREET	PARK PLACE		PROSPECT WAY	
PATRICIA PLACE	NUGGET DRIVE	PARKWOOD DRIVE		RIVER PLACE	
RADCLIFFE COURT	NUGGET PLACE	PINEDALE STREET		RIVER ROAD	
RADCLIFFE ROAD	QUARTZ STREET	PINEWOOD DRIVE		RIVERBEND COURT	
ROBERTSON AVENUE	RAINBOW ROW	POPLAR AVENUE		SAWA CIRCLE	
SCOTT DRIVE	SASHA AVENUE	PORTAGE BLVD.		SILVER STREET	
SHELL SIMMONS DR.	SHORT WAY	PTARMIGAN STREET		SKATERS CABIN RD	
SHEYE WAY	SIERRA STREET	RIVERSIDE DRIVE		SLIM WILLIAMS WAY	
SPEEL WAY	SLATE DRIVE	RIVERWOOD DRIVE		SPRING WAY	
STIKINE STREET	STEEP PLACE	ROSEDALE STREET		STEELHEAD STREET	
SUNSET DRIVE	TESLIN STREET	SANDERS STREET		TAMARACK COURT	
TEAL STREET	THREADNEEDLE ST.	SESAME STREET		TIMBERWOLF LANE	
TROUT STREET	THUNDER MT. ROAD	SKYWOOD LANE		TOURNURE ST. - W.	
YANDUKIN DR	THUNDER STREET	SLEEPY COURT		TRAPPERS LANE	
	TONGASS BLVD.	SNIPE COURT		UNIVERSITY DRIVE	
	TONGASS COURT	SPRUCE LANE		VALLEY AVENUE	
	TRAFALGAR AVENUE	STEPHEN RICHARDS - EAST		VIEW DRIVE	
	TRINITY DRIVE	TAKU BLVD - EAST		WHITEWATER COURT	
	VALLEY BLVD.	TAKU COURT		WINDFALL AVENUE	
		TANIS DRIVE		WOLFRAM WAY	
		TEEL COURT		WREN DRIVE	
		TOURNURE STREET - EAST			
		TRIO STREET			
		TRIO STREET - DEAD END			
		WOOD DUCK AVE.			

Hazel 586-0730.



SOUTHEAST ALASKA REGION



VICINITY MAP

JNU MENDENHALL VALLEY DUST CONTROL STREET PAVING

PROJECT No. 69459

64-249