MEMORANDUM

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

July 30, 2014 DATE:

TO:

FROM:

• Jach Bord

Sarah Bronstein, Planner Community Development Department

Planning Commission

FILE NO: CSP2014 0016

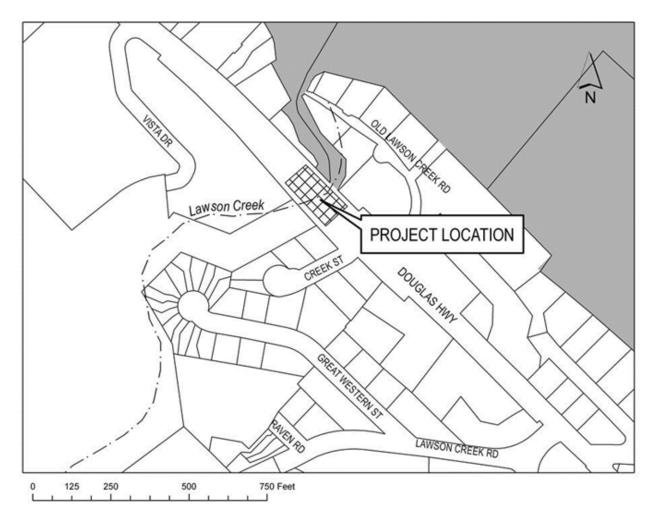
PROPOSAL: Local concurrency review for Lawson Creek Bridge maintenance.

GENERAL INFORMATION

Applicant:	State of Alaska		
Property Owner:	State of Alaska		
Property Address:	Lawson Creek Bridge, Douglas Highway		
Parcel Code No.:	0 Parcel		
Site Size:	0.1 Mile Long, 37 Feet Wide		
Roadway Classification:	Minor Arterial		
Access:	Douglas Highway		
Surrounding Land Use:	North- D18, multifamily residencesSouth- D18, multifamily residencesEast- Lawson CreekWest- Lawson Creek		



Planning Commission File No.: CSP2014 0016 July 30, 2014 Page 2 of 4



VICINITY MAP

ATTACHMENTS

Attachment A: Development Permit Application Attachment B: Abutter's Notice Planning Commission File No.: CSP2014 0016 July 30, 2014 Page 3 of 4

BACKGROUND AND PROJECT DESCRIPTION

The Alaska Department of Transportation and Public Facilities (DOT&PF) has submitted state maintenance project No. 68452, Lawson Creek Bridge resurfacing, for review by the Planning Commission for consistency with Title 49 and plans adopted therein. The project, to repave the Lawson Creek Bridge and replace guardrails, will receive federal funding and is scheduled for construction in the late summer of 2014. DOT&PF solicited public comments through their website in May of 2014, with comments due June 4th, 2014.

Local review and concurrence is required for State projects by CBJ 49.15.580:

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.

ANALYSIS

Douglas Highway is owned and maintained by DOT&PF, and is classified by the state agency as a major collector, and by the CBJ as a minor arterial. The Lawson Creek Bridge provides the only access point for Downtown Douglas and served an average of 7,028 vehicle trips per day in 2012.

The proposed, resurfacing project would address pavement degradation on the bridge, which has been continually patched for years and has been the root of complaints from neighbors. The poor pavement condition on the bridge was featured in a Juneau empire article on June 13th, 2013, which highlighted neighborhood concerns that motorists frequently swerve into the bike lane to avoid rough pavement. The proposed maintenance and resurfacing work is intended to improve safety for motorists and bicyclists, while also conducting routine maintenance on other bridge elements, including the guardrails, curb and gutter.

CONFORMITY WITH ADOPTED PLANS

Comprehensive Plan 2013 Update

Because Douglas highway is the only access road from Downtown Douglas to Downtown Juneau, it sees a high volume of traffic. The roadway serves as both a vital transportation route, as well as a recreational route for runners, dog walkers, and cyclists. Improvements to Douglas Highway serve all Douglas residents and improve access for all new and future developments along the Highway. The Comprehensive Plan calls out this connection between transportation infrastructure and development in Chapter 8: Transportation:

8.8 IA22 Work with ADOT&PF to make improvements to roads, intersections and bridges on Douglas Island to accommodate new affordable housing development...

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Regular maintenance to public facilities, especially critical links like Douglas highway serve all motorists, pedestrians, bicyclists and transit riders equally, and facilitate future development along the corridor.

Additionally, the plan recognizes the importance of maintenance system-wide, stating, "Maintenance and snow removal of[sic] transportation infrastructure is of critical importance, as roadways, sidewalks, separated paths and bus stops must all be kept in good repair and be cleared of snow and ice to function." (p. 102)

Areawide Transportation Plan (2001)

The Areawide Transportation Plan (ATP) does not include any specific recommendations for the Lawson Creek Bridge or for resurfacing along the Douglas Highway. However, the ATP does recommend the construction of sidewalks on the uphill side of Douglas Highway:

Solution 34 (medium-term): Install crosswalk signing and striping at major collector street connections, sidewalk on uphill side, bus pullouts/shelter and adequate winter lighting.

While the addition of sidewalks is out of the scope of a regular maintenance project, when the Lawson Creek Bridge is reconstructed at some point in the future, sidewalks on both sides will be required for local concurrence.

HABITAT

There are no eagle's nests within 330 feet of the proposed project. While Lawson Creek is catalogued as an anadromous fish bearing stream in the *Comprehensive Plan 2013 Update*, CBJ 49.70.950(f) provides an exception to streamside setbacks for transportation infrastructure which crosses such waterways. The project area is outside of the Adamus Study Area for the Juneau Wetland Management Plan.

FINDINGS

Staff finds that the project is consistent with Title 49 and adopted plans therein.

RECOMMENDATION

Staff recommends that the Planning Commission find CSP2014 0016, the resurfacing of Lawson Creek Bridge and replacement of guardrails, consistent with Title 49 and adopted plans therein.

CITY/STATE PROJECT AND LAND ACTION REVIEW APPLICATION

Project Number	Project Name (15	characters)		Case Number	Date Received
			1993 Martin David State (1995)	CSP 20140016	66/27/1-
TYPE OF PROJEC	CT REVIEW:				
	oject Review		uisition /Disposal	State Project F	Poviow
	oject Keview		uisition /Disposar	V State Project i	Veview
DESCRIPTION OF	DDO JECT	an an to an and the second second second second			
		Douglas Island, Rep	lace quardrail and	construct guardrail pavin	g. Make minor
epairs to the bridge.					gi mente initier
Please attach a cover lette	er to fully explain	the project if there is n	ot adequate space o	n this form.	
	anna a gcair chur chul a droi gniadh dhalan an an		the share of		
CURRENT USE OI State highway					
state nighway					
a a construction of a state of the		ang na mang manang mang ng kanang mang mang mang mang mang mang mang		n an an an an an ann an ann ann an an an	The set of
PROPOSED USE (BUILDING(S):			na kala kala kala kala kala kala kala ka
P ROPOSED USE (State highway - urban c		BUILDING(S):			
	collector				
State highway - urban c	RS ASSOCIA	TED WITH PRO		0	
State highway - urban c PROJECT NUMBE s this project associated	<i>RS ASSOCIA</i> d with any other L	TED WITH PRO		Case No.:	·
State highway - urban c	<i>RS ASSOCIA</i> d with any other L	TED WITH PRO		Case No.:	· · · · · · · · · · · · · · · · · · ·
State highway - urban c PROJECT NUMBE s this project associated	<i>RS ASSOCIA</i> d with any other L ogram # (CIP)	TED WITH PRO		Case No.:	
State highway - urban o PROJECT NUMBE s this project associated Capital Improvement Pro	<i>RS ASSOCIA</i> d with any other L ogram # (CIP)	TED WITH PRO		Case No.:	
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State highway - urban o PROJECT NUMBE s this project associated Capital Improvement Pro local Improvement Distr	collector FRS ASSOCIA d with any other L ogram # (CIP) rict # (LID)	ATED WITH PRO		Case No.:	
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State highway - urban of PROJECT NUMBE s this project associated capital Improvement Pro- cocal Improvement Distr state Project # ESTIMATED PROJ for more information ermitting process and	<i>ERS ASSOCIA</i> d with any other L ogram # (CIP) rict # (LID) <i>ECT COST:</i> regarding the the submittals	ATED WITH PRO	✓ No Yes	Case No.:	Date
State highway - urban of PROJECT NUMBE s this project associated Capital Improvement Pro cocal Improvement Distr State Project # ESTIMATED PROJ	<i>ERS ASSOCIA</i> d with any other L ogram # (CIP) rict # (LID) <i>ECT COST:</i> regarding the the submittals ete application,	ATED WITH PRO and Use Permits? 68452 \$ 300,000 CITY/STATE PROJECT Application Fees	✓ No Yes		Date
State highway - urban of PROJECT NUMBE s this project associated Capital Improvement Pro- cocal Improvement Distr State Project # ESTIMATED PROJ for more information ermitting process and equired for a comple lease see the reverse s	<i>ERS ASSOCIA</i> d with any other L ogram # (CIP) rict # (LID) <i>ECT COST:</i> regarding the the submittals ete application, side.	ATED WITH PRO	✓ No Yes		
State highway - urban of PROJECT NUMBE s this project associated capital Improvement Pro- cocal Improvement Distr state Project # ESTIMATED PROJ for more information ermitting process and equired for a comple	Collector CRS ASSOCIA d with any other L ogram # (CIP) rict # (LID) PECT COST: regarding the the submittals ete application, side. ance filling out	ATED WITH PRO and Use Permits? 68452 \$ 300,000 CITY/STATE PROJECT Application Fees	✓ No Yes		

EVEN IF THE PROPOSED PROJECT IS ASSOCIATE WITH OTHER LAND USE PERMITS, THIS APPLICATION <u>MUST</u> BE FILLED OUT

Revised March 17, 2011- I:\FORMS\Applications

Attachment A

DEVELOPMENT PERMIT APPLICATION

Project Number Project Name City Staff to Assign	CSFZOI40016	CITY and BOR	OUGH of .	JUNEAU	Date Rec	eived: 06 27 14			
		on Creek Bridge on Douglas Isl	and. Replace guar	drail and constr	uct guardrail pa	ving. Make minor repairs to the			
	PROPERTY LOCATION Street Address South Douglas Highway 99801								
Legal Sou	l Description(s) of Parcel(s) (S ith Douglas Highway - Cl ssor's Parcel Number(s)	ubdivision, Survey, Block, Trac DS Route 296110 (MP 1.:	t, Lot) to MP 1.7)						
N/2 LAN	A DOWNER/ LESSEE erty Owner's Name			Contact Pe	rson	Work Phone:			
Ala Ala Mailir 6860	ska DOT&PF ng Address O Glacier Highway			Keith Kar Home Phor	pstein	907-465-1796 Fax Number: 907-465-4414			
E-mai keith	il Address .karpstein@alaska.gov DOWNER/ LESSEE CONSE	NT ****Required for I	Planning Permits, n	James Br	own, 907-46	5-8189			
-	A. This application for a land u	of the property subject to this app ise or activity review for developr officials and employees of the Cit	nent on my (our) pi y and Borough of J	operly is made y	with my complete t my property as	e understanding and permission. needed for purposes of this (c/26/14)			
NOTIC landov	vner in addition to the formal con	ture eau staff may need access to the sent given above. Further, memt	subject property de bers of the Planning	uring regular bus Commission m	Date iness hours and ay visit the prop	will attempt to contact the erty before the scheduled public			
APPL	g date. .ICANT If th cant's Name	e same as OWNER, write "SAME	" and sign and date	at X below		Work Phone:			
SAM				Home Phone		Fax Number:			
-	l Address			Other Contact Phone Number(s):					
X ,	Applicant's Signature	Kenn			b/ Date of	26/14 Application			
	A MARINE STREET, SALES	OFFICE USE ONLY	BELOW THIS L	INE					
N.	Permit Type Building/Grading Permit City/State		***sign Dat	e Received		plication Number(s)			
	Project Review and City Inquiry Case (Fee In Lieu, Letter of ZC Mining Case			127/14	CSPZ	10140016			
	(Small, Large, Rural, Ext Sign Approval (If more than one, fill in a Subdivision								
	(Minor, Major, PUD, St. V Use Approval (Allowable, Mobile Home Parks, Act	/acation, St. Name Change) Conditional, Cottage Housing, cessory Apartment)							
	Variance Case (De Minimis and all othe Wetlands Permits	r Variance case types)							
	Zone Change Application Other (Describe)								
0		***Public Notice Sig	n Form filled out	and in the file					
Comm	ents:					Permit Intake Initia			

NOTE: DEVELOPMENT PERMIT APPLICATION FORMS MUST ACCOMPANY ALL OTHER COMMUNITY DEVELOPMENT DEPARTMENT APPLICATIONS I:\FORMS\2010 Applications Revised November 2009





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

June 26, 2014

Mr. Travis Goddard, Planning Manager City and Borough of Juneau 155 South Seward Street Juneau, Alaska 99801

RE: Federal Project No. 0958(031) - State Project No. 68452 JNU: Lawson Creek Bridge Resurfacing

Dear Mr. Goddard:

In accordance with ADOT&PF policy, this letter serves to inform you of an upcoming maintenance project in the Juneau area. The project will primarily resurface the pavement on the Lawson Creek Bridge on Douglas Island. The work will consist of asphalt concrete pavement resurfacing, guardrail replacement and paving, and minor bridge repairs.

Currently the project is estimated to be advertised in August of 2014 with construction beginning before the close of the 2014 construction season. This work will be put out for bids by the Department and will be constructed by a private contractor.

Please feel free to contact me by mail, phone or e-mail should you have any questions or comments. My phone number is 465-1796, and my e-mail address is: keith.karpstein@alaska.gov

Sincerely,

Keith Karpstein, P.E. DOT&PF Design Group Chief

Enc: Preliminary Project Plans

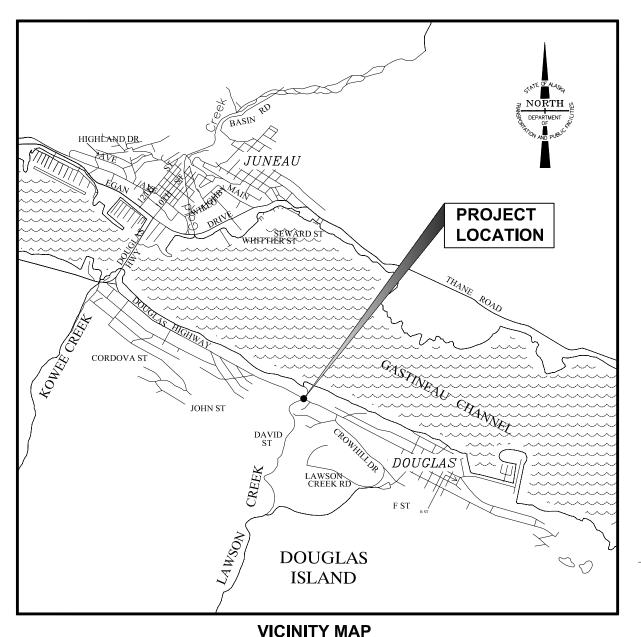
"Keep Alaska Moving through service and infrastructure."

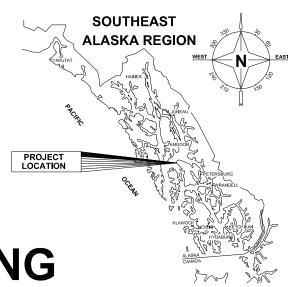
State of Alaska

Department of Transportation and Public Facilities Southeast Region

JUNEAU, ALASKA LAWSON CREEK BRIDGE RESURFACING

PROJECT No. 0958(31) ~ 68452





SOUTHEAST ALASKA REGION

DESIGN DESIGNATION

FUNCTIONAL CLASSIFICATION	=	URBAN COLLECTOR
PROJECT TYPE	=	1R (PREVENTATIVE MAINT.)
		& NEW CONSTRUCTION
A.D.T. 2012 (LAST YEAR WITH DATA)	=	8030
A.D.T. 2015 (YEAR AFTER CONSTRUCTION)	=	8150
A.D.T. 2025 (MID-LIFE YEAR)	=	8570
A.D.T. 2035 (FUTURE YEAR)	=	9000
D.H.V. 2035	=	1089
% Т	=	10.6%
v	=	40 MPH
E.A.L.	=	2,000,000
DESIGN VEHICLE FOR TURNING	=	WB-50

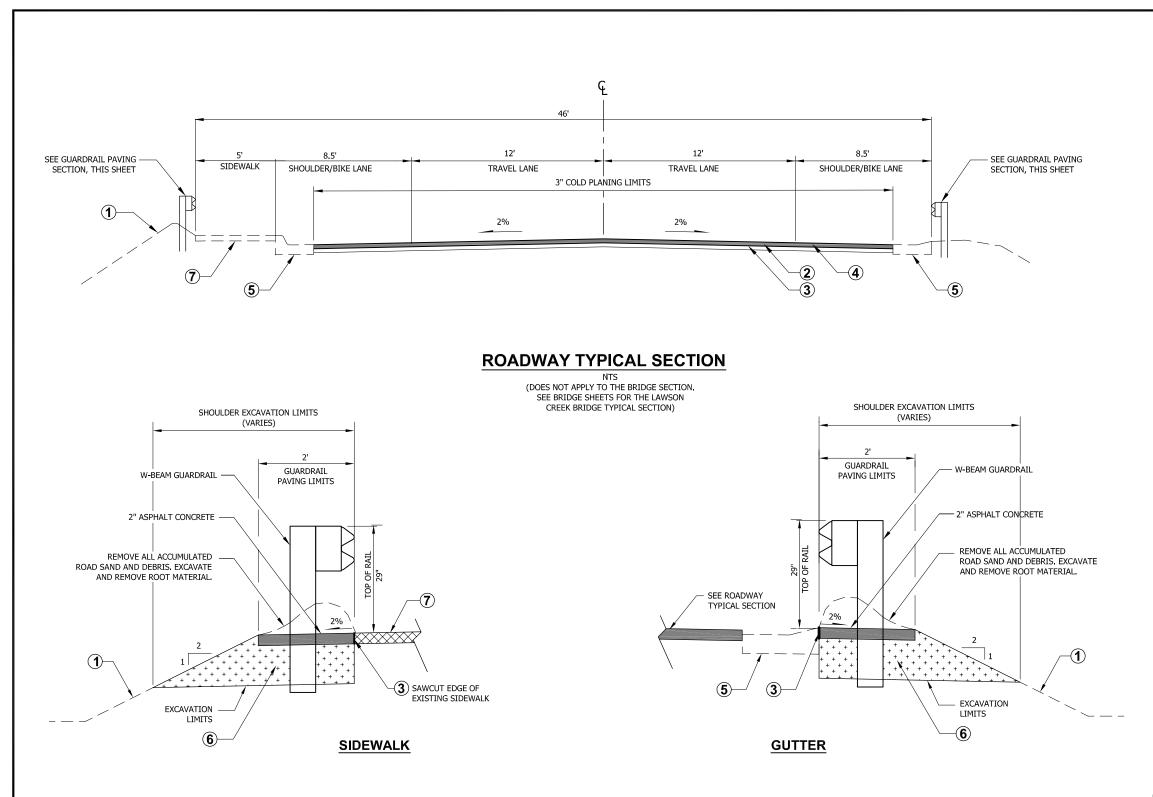
PROJECT SUMMARY

LENGTH OF PROJECT	=	0.1 MILES
LENGTH OF RESURFACING	=	0.1 MILES
WIDTH OF RESURFACING	=	37 FEET

THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT:

A-1	G-00.02	-20.14	T-20.03
C-03.10	G-04.10S		T-21.03
C-04.12	G-10.01		
C-05.20	G-13.00		
	G-20.11		
	G-31.00		

	INDEX							
SHEET NO.	DESCRIPT	DESCRIPTION						
A1	TITLE SHEET							
B1-B2	TYPICAL SECTIONS							
C1	ESTIMATE OF QUANTITI	FS						
D1	SUMMARIES							
E1	MISCELLANEOUS DETAI	IS						
F1	PLAN VIEW	20						
N1-N6	LAWSON CREEK BRIDGI	=						
P1	EROSION & SEDIMENT (
T1	TRAFFIC CONTROL							
ROUTE:	296110 MILEPOIN	IT. 15	ГО 1.6					
ROUTE:		11: 1.5	10 1.6					
PATH: Q:\JN	U\68452\PLANSET\68452_A1 TSHT.DWG TAB:A1							
	ay, April 28, 2014 8:55:14 AM ACE OR MSPACE: 1=1(F)							
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	C. 2904							
	PROFESSION							
APPR	OVED:							
PECI								
REGIONAL PRE-CONSTRUCTION ENGINEER DATE L. PAT CARROLL, P.E.								
APPROVED:								
DIRECTOR, SOUTHEAST REGION DATE ALBERT H. CLOUGH, CPG								
	CERTIFIED TRUE & CORRECT AS-BUILT OF ACTUAL FIELD CONDITION:							
CONS	TRUCTION PROJECT MANAGER	D	ATE					
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS				
ALASKA	0958(31) ~ 68452	2014	A1	16				



GUARDRAIL PAVING SECTION

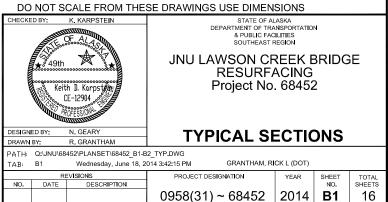
GUARDRAIL PAVING AND SHOULDER EXCAVATION, SEE SUMMARY TABLE FOR LOCATIONS

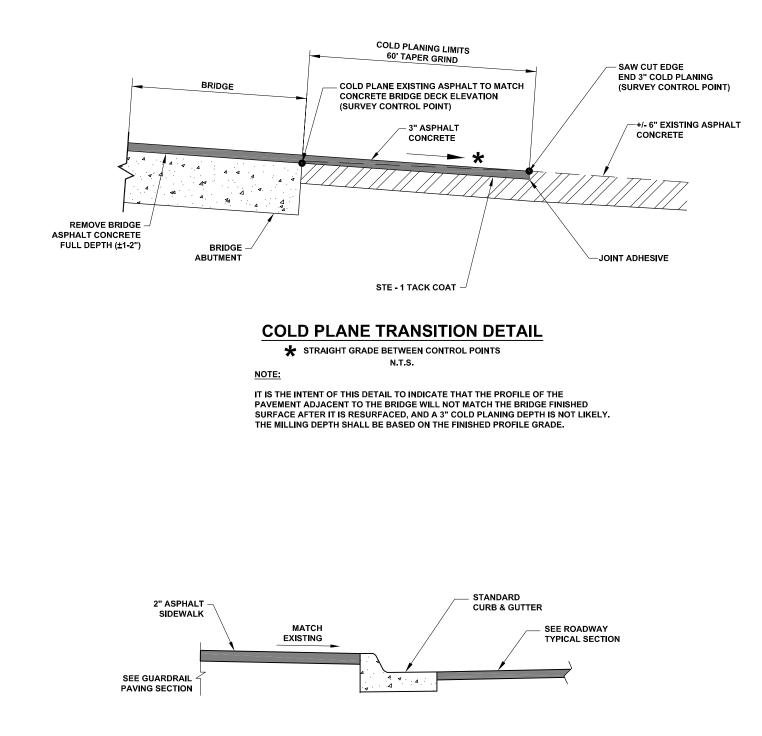
NOTES:

- 1. DAYLIGHT SHOULDER EXCAVATION WHERE SLOPE CONDITION ALLOWS.
- 2. WHERE SLOPE BEHIND GUARDRAIL IS APPROXIMATELY LEVEL, EXCAVATE 2' BEHIND GUARDRAIL POST LINE.

LABELING INDEX

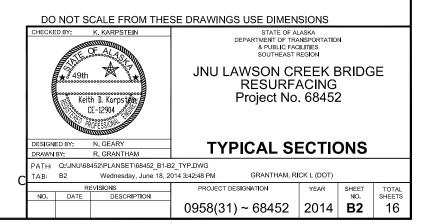
- (1) EXISTING GROUND
- (2) 3" ASPHALT CONCRETE, SP, TYPE B
- (3) STE-1 ASPHALT FOR TACK COAT
- (4) EXISTING ASPHALT CONCRETE
- **(5)** EXISTING CURB & GUTTER
- (6) 10" AGGREGATE BASE COURSE, GRADING D-1
- EXISTING ASPHALT SIDEWALK





CURB/GUTTER & SIDEWALK REPLACEMENT DETAIL

(STA. 20+83 TO STA. 20+97) N.T.S.

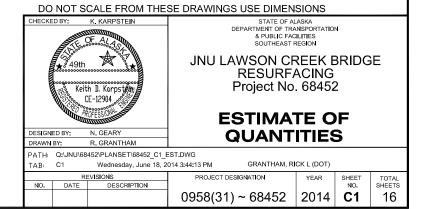


	ESTIMATE OF QUANTITIES		
ITEM NO.	ITEM DESCRIPTION	PAY UNIT	QUANTITY
202(9)	REMOVAL OF CURB AND GUTTER	LINEAR FOOT	14
202(2)	REMOVAL OF PAVEMENT	SQUARE YARD	170
203(19)	SHOULDER EXCAVATION	STATION	4.2
203(20)	CONTROL OF INVASIVE PLANTS	LUMP SUM	ALL REQUIRED
301(1)	AGGREGATE BASE COURSE, GRADING D-1	TON	100
401(1)	ASPHALT CONCRETE, SP, TYPE B	TON	120
401(2)	ASPHALT CEMENT, GRADE PG 64-28	TON	7
401(3)	ASPHALT PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
401(4)	ASPHALT MATERIAL PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
402(1)	STE-1 ASPHALT FOR TACK COAT	TON	0.5
408(1)	3" PAVEMENT COLD PLANING	SQUARE YARD	510
508(1)	WATERPROOFING MEMBRANE	LUMP SUM	ALL REQUIRED
514(1)	CONCRETE SURFACE REPAIR	LUMP SUM	ALL REQUIRED
516(1)	EXPANSION JOINT (SILICONE)	LINEAR FOOT	79
606(1)	W-BEAM GUARDRAIL	LINEAR FOOT	310
606(6)	REMOVING AND DISPOSING OF GUARDRAIL	LINEAR FOOT	415
606(13)	PARALLEL GUARDRAIL TERMINAL	EACH	1
606(16)	TRANSITION RAIL	EACH	4
606(17)	DOWNSTREAM END ANCHOR	EACH	2
608(3)	ASPHALT SIDEWALK	SQUARE YARD	129
609(2)	CURB AND GUTTER, TYPE 1	LINEAR FOOT	14
615(1)	STANDARD SIGN	LINEAR FOOT	12
629(1)	GUARDRAIL PAVING	LINEAR FOOT	425
640(1)	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED
641(1)	EROSION, SEDIMENT AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQUIRED
641(3)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL	LUMP SUM	ALL REQUIRED
641(5)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL BY DIRECTIVE	CONTINGENT SUM	ALL REQUIRED
641(6)	WITHHOLDING	CONTINGENT SUM	ALL REQUIRED
642(1)	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQUIRED
643(2)	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED
643(3)	PERMANENT CONSTRUCTION SIGNS	LUMP SUM	ALL REQUIRED
643(15)	FLAGGING	CONTINGENT SUM	ALL REQUIRED
643(25)	TRAFFIC CONTROL	CONTINGENT SUM	ALL REQUIRED
646(1)	CPM SCHEDULING	LUMP SUM	ALL REQUIRE
670(8)	RECESSED PAVEMENT MARKER	EACH	6
670(10)	METHYL METHACRYLATE PAVEMENT MARKINGS	LUMP SUM	ALL REQUIRED

BASIS OF ESTIMATE					
ITEM NO. ITEM ESTIMATING FACTOR					
203 (20)	CONTROL OF INVASIVE PLANTS				
301 (1)	AGGREGATE BASE COURSE GRADING D-1	2 TON/CY			
401 (1)	ASPHALT CONCRETE, SP, TYPE B	120 LBS/SY/IN			
401 (2)	ASPHALT CEMENT, GRADE PG 64-28	6% OF ITEM 401 (1)			
402 (1)	STE-1 TACK COAT	0.1 GAL./S.Y. (243 GAL/TON)			
641 (3)	TEMPORARY EROSION, SEDIMENT, ANE POLLUTION CONTROL	200 L.F. FIBER ROLL			

POINTS OF CONTACT						
ELECTRIC	ALASKA ELECTRIC LIGHT & POWER CO. (AEL&P)	DARRELL WETHERALL	463-6316			
TELEPHONE	ALASKA COMMUNICATION SYSTEMS (ACS)	MONTY WILLIAMS	463-8987			
SEWER	CITY AND BOROUGH OF JUNEAU	TOM TREGO	586-0393			
WATER	CITY AND BOROUGH OF JUNEAU	DAVE CRABTREE	780-6888			
CABLE	GENERAL COMMUNICATIONS INC. (GCI)	RANDY LAIRD	230-1182			

BASIS OF ESTIMATE FOR SOME BRIDGE ITEMS IS LOCATED ON BRIDGE SHEETS



	606(1) W-BEAM GUARDRAIL							
FROM STA.	TO STA.	OFFSET	LENGTH (FT)	REMARKS				
16+28	17+64	RT	136	SPLICE NEW GUARDRAIL TO EXISTING. BEGIN STATION IS APPROXIMATE.				
16+72	17+64	LT	92					
21+00	21+41	RT	41					
21+00	21+41	LT	41					
		TOTAL	310					

629(1) GUARDRAIL PAVING						
FROM STA.	TO STA.	OFFSET	LENGTH	REMARKS		
16+28	17+81	RT	153	SEE SHEET B1		
16+68	17+81	LT	113	SEE SHEET B1		
20+83	21+44	RT	61	SEE SHEET B1		
20+83	21+81	LT	98	SEE SHEET B1		
		TOTAL	425			

6	06(6) GUA	RDRAIL	. REMO\	AL AND DISPOSAL
FROM STA.	TO STA.	OFFSET	LENGTH	REMARKS
16+28	17+81	RT	153	BEGIN STATION IS APPROXIMATE. START AT END OF GUARDRAIL SECTION. REMOVE BRIDGE TRANSITION RAIL.
16+72	17+81	LT	109	REMOVE BRIDGE TRANSITION RAIL.
20+83	21+41	RT	58	REMOVE BRIDGE TRANSITION RAIL.
20+83	21+78	LT	95	REMOVE BRIDGE TRANSITION RAIL.
		TOTAL	415	

DELIVER REMOVED W-BEAM RAIL TO DOT MAINTENANCE AT THE 7 MILE BUILDING

606(13) PARALLEL GUARDRAIL TERMINAL DEMADKS

STATION	OFFSET	LENGIH	REMARKS
21+78	LT	37.5'	

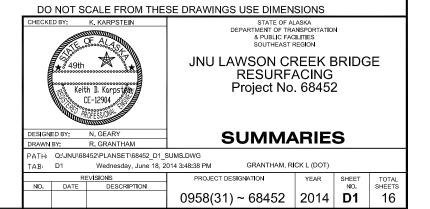
SEE STD DWG G-20.10 WIDENING FOR GUARDRAIL END TERMINAL. CONSTRUCT TERMINAL WITH END OFFSET OF 1.5' FROM NORMAL GUARDRAIL FACE.

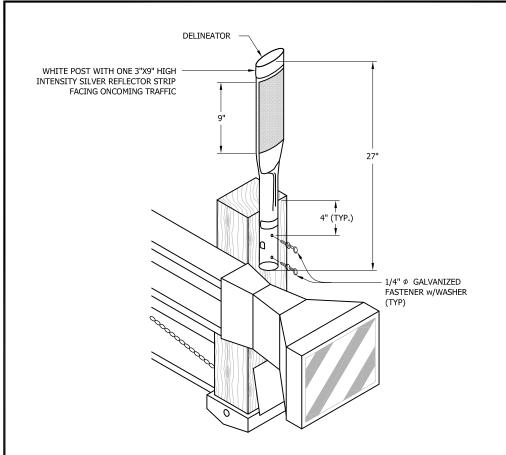
606(17) DOWNSTREAM END ANCHOR

STATION	OFFSET	REMARKS
16+72	LT	INSTALL INLINE WITH GUARDRAIL
21+42	RT	INSTALL INLINE WITH GUARDRAIL

	615(1) STANDARD SIGN									
NUMBER	STATION	OFFSET	DESCRIPTION	ASDS CODE	HEIGHT (IN)	WIDTH (IN)	AREA (SF)	POST	NO.	REMARKS
1	17+70	27.0 LT	OBJECT MARKER (TYPE 3)	OM-3R	36	12	3.0	2.5	1	
2	20+91	27.0 LT	OBJECT MARKER (TYPE 3)	OM-3L	36	12	3.0	2.5	1	
3	17+70	21.0 RT	OBJECT MARKER (TYPE 3)	OM-3R	36	12	3.0	2.5	1	
4	20+91	21.0 RT	OBJECT MARKER (TYPE 3)	OM-3L	36	12	3.0	2.5	1	

690	D(1) INLE	ET PROTECTION
STATION	OFFSET	REMARKS
16+69	LT	
20+98	LT	

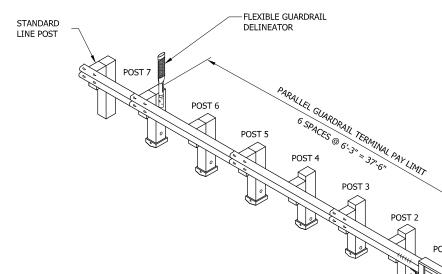




FLEXIBLE GUARDRAIL DELINEATOR NTS

DELINEATOR NOTES:

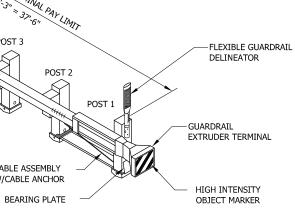
- 1. EACH PARALLEL GUARDRAIL TERMINAL END SHALL HAVE A DELINEATOR ON THE END POST OF EACH TERMINAL AND WHERE THE TAPER BEGINS.
- 2. DELINEATORS SHALL HAVE WHITE REFLECTIVE SHEETING.
- 3. STEEL POST GUARDRAIL SHALL BE PRE-DRILLED PRIOR TO SECURING DELINEATOR WITH SELF-TAPPING SCREWS.

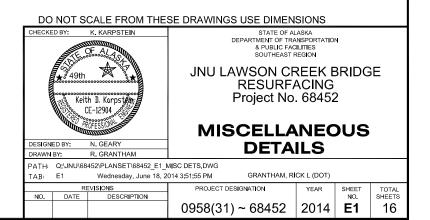


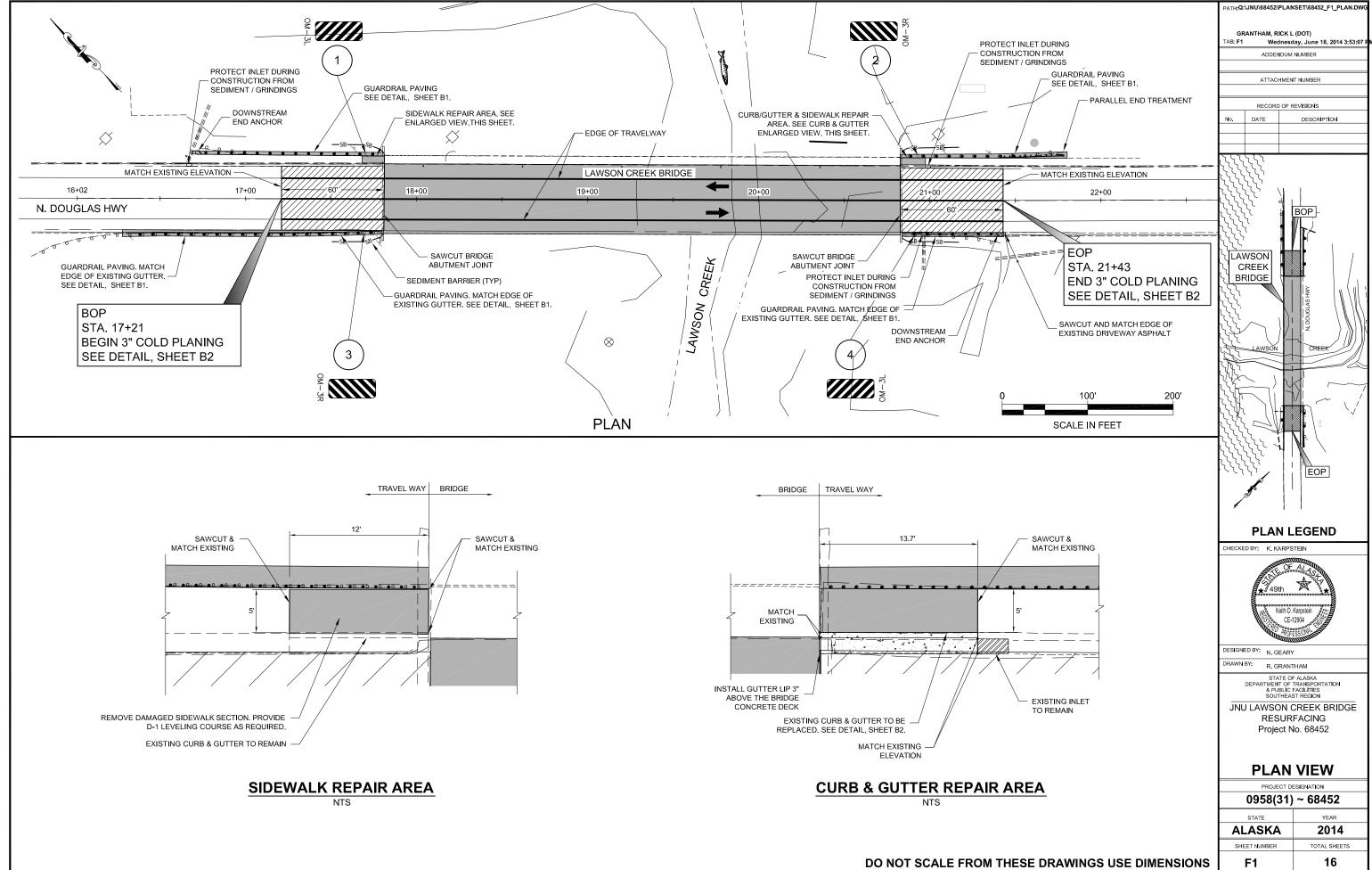
CABLE ASSEMBLY W/CABLE ANCHOR

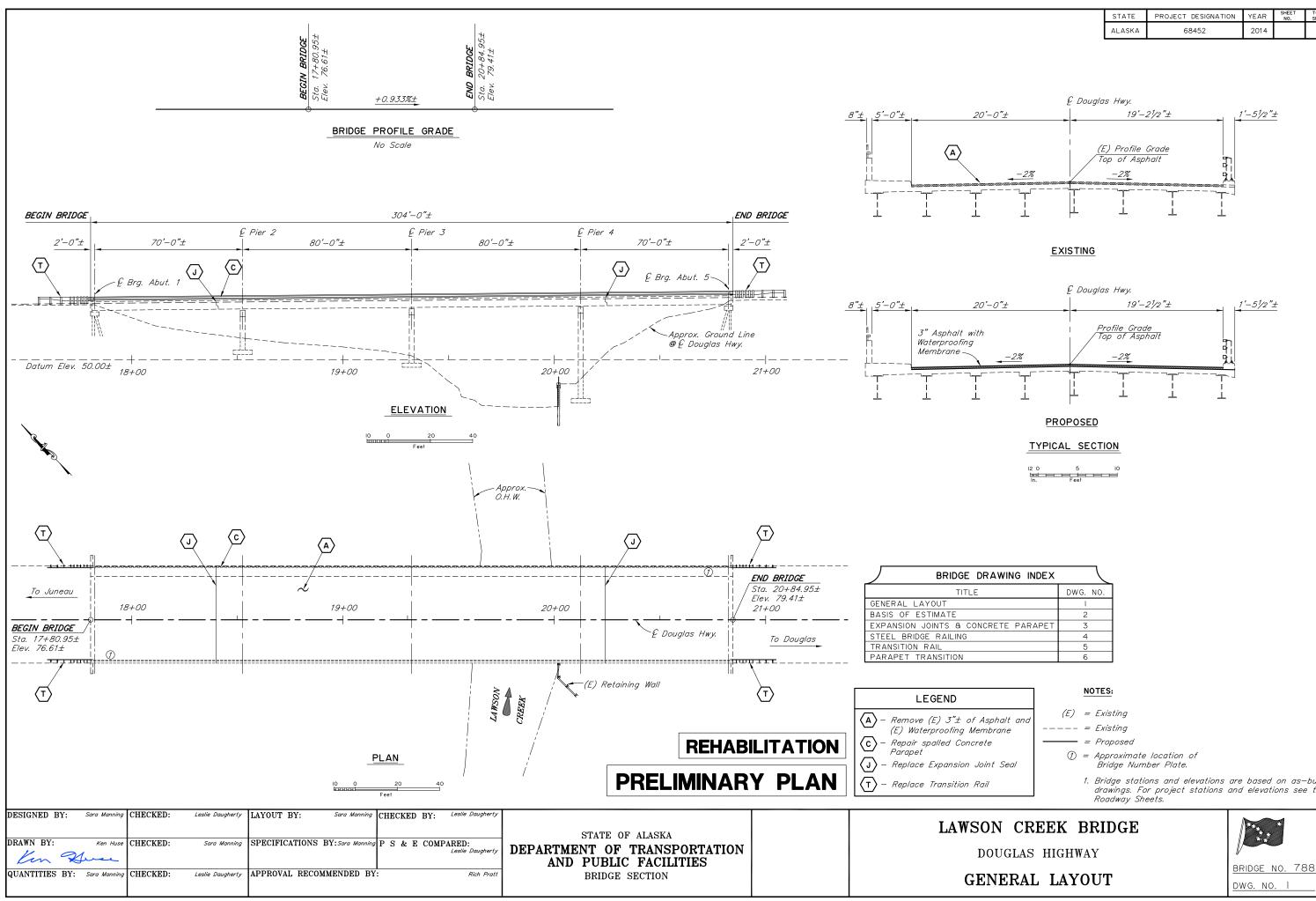
PARALLEL GUARDRAIL TERMINAL

- 1. THE TERMINAL DETAILS SHOWN ARE FOR ILLUSTRATION ONLY. INSTALL TERMINAL SECTIONS ACCORDING TO MANUFACTURERS RECOMMENDATIONS.
- 2. SEE STD DWG. G-20.10 WIDENING FOR GUARDRAIL END TERMINAL. CONSTRUCT TERMINAL WITH END OFFSET OF 1.5' FROM NORMAL GUARDRAIL FACE.
- 3. END TERMINALS TO REMAIN AT 27" HEIGHT. TRANSITION FROM 29" TO 27" OVER A LENGTH OF 25'.









				NO.	SHEETS
ALASKA	А	68452	2014		

RAWING INDEX	
	DWG. NO.
	-
	2
RETE PARAPET	3
	4
	5
	6

	NOTES:
phalt and brane	(E) = Existing = Existing = Proposed
t Seal	 (1) = Approximate location of Bridge Number Plate.
	1. Bridge stations and elevations are based on as—built drawings. For project stations and elevations see the Roadway Sheets.
N CR	EEK BRIDGE

	BRIDGE BASIS OF	ESTIM	ΔTE	
ITEM NO.	ITEM	PAY UNIT	ESTIMATING UNIT	TOTAL
508(1)	Waterproofing Membrane	LS	SY	1325
514(1)	Concrete Surface Repair	LS	SF	4
516(1)	Expansion Joint (Silicone)	LF	LF	79
606(16)	Transition Rail	EA	EA	4

DESIGN:
LIVE LOAD: REINFORCEMEI CONCRETE:

Item numbers are for reference only. Quantities shown are not necessarily the pay quantities nor the total quantity of the particular item.

DESIGNED BY: Sara Manning	CHECKED: Leslie	e Daugherty		STATE OF ALASKA	LAWSON
DRAWN BY: Ken Huse	CHECKED: Sard	ara Manning	REHABILITATION	DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES	DOI
QUANTITIES BY: Sara Manning	CHECKED: Leslie	e Daugherty		BRIDGE SECTION	BASIS

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	68452	2014		

GENERAL NOTES

..AASHTO Standard Specifications for Highway Bridges, 17th Edition, 2002, with latest Interim Specifications.See "AS-BUILT DRAWINGS" ENT:.....ASTM A706, Grade 60, Fy = 60,000 psi ..Class A Concrete unless otherwise noted, f'c = 4000 psi STRUCTURAL STEEL:......ASTM A709, Grade 50T3. Fy = 50,000 psi. unless otherwise noted. Galvanize all structural steel in accordance with AASHTO M111 and M232 unless otherwise noted. Verify all controlling field dimensions before ordering or fabricating any material. "As-Built" drawings, fabrication shop drawings or other documentation for the existing bridges note significant changes from the original contract plans but do not necessarily show normal construction tolerances and variances. These documents are for informational use only and the Department neither warrants nor represents that these documents accurately depict the configuration of the existing bridges. Where dimensions of the proposed work in this Contract are dependent on the dimensions of the existing bridge adjust dimensions of the work to fit existing conditions

the existing bridge, adjust dimensions of the work to fit existing conditions.

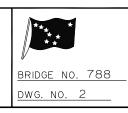
ABBREVIATIONS

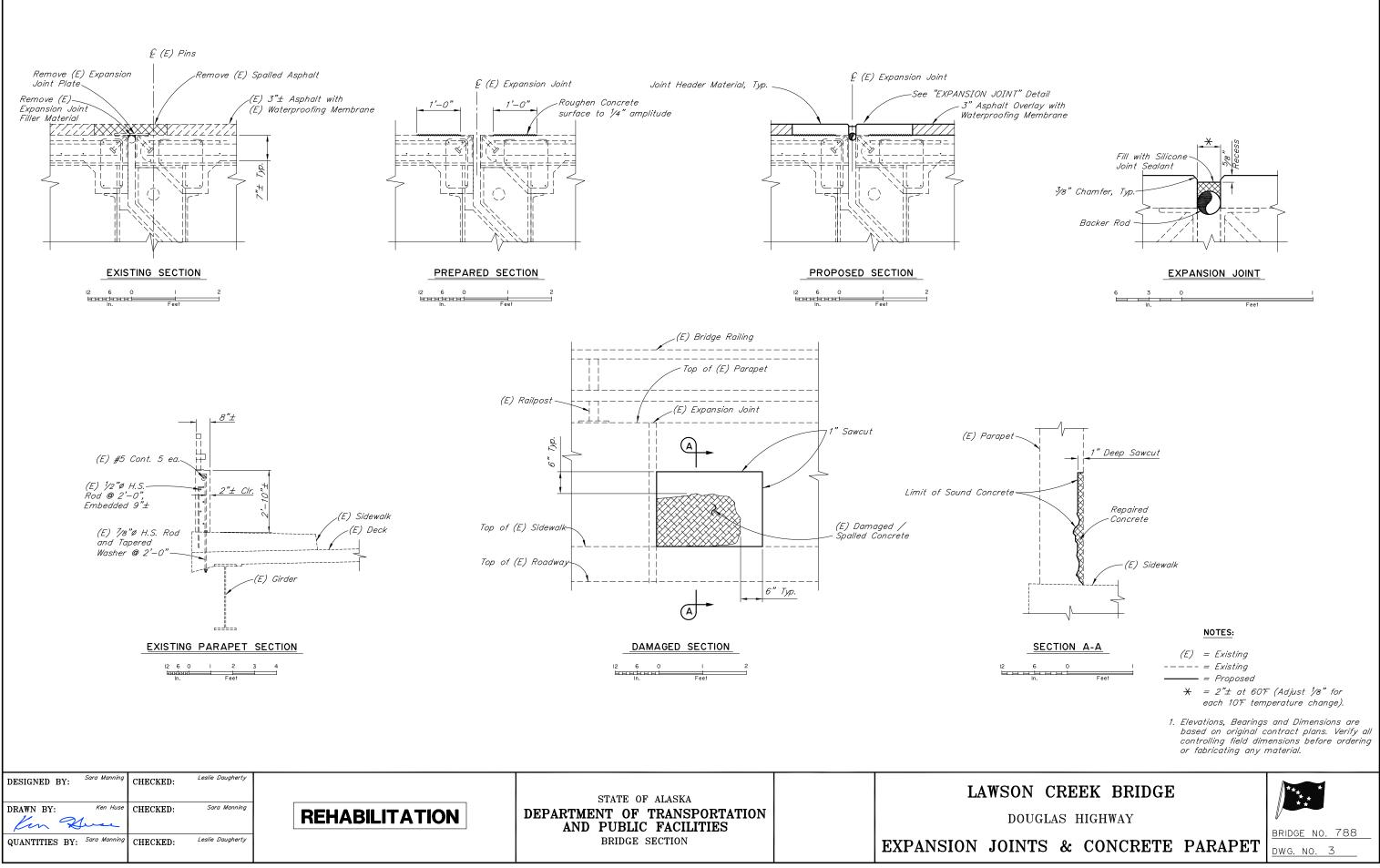
\pm		te Dimension, trolling field	H.S. Hwy.	=	High Strength Highway
	dimension.	<i>s</i> .	jnt.		joint
۴	= degrees Fa	ahrenheit	kip		thousand pounds
Ç	= Centerline		ksf		kips per square foot
F E R	= Plate		LBS		Pounds
&	= and		LF		Linear Feet
0	= at		Lt.		Left
Approx.	= Approxima	te	LS		Lump Sum
Abut.	= Abutment		Max.		Maximum
bot.	= bottom		Min.		Minimum
Br.	= Bridge		N.A.		Not Applicable
btwn.	= between		n.c.		not calculated
Brg. C.I.P.	= Bearings		n.f.		near face
C.I.P. CJP	= cast in pla		NIC		not in contract
CIF.	= Clear, Clea	ioint penetration	No.		Number
Cont.	= Continuous				Ordinary High Water
CY	= Cubic Yard		psf		pounds per square foot
Dia., Ø	= Cubic Tard = diameter	2	psi		pounds per square inch
D.H.T.	= Design Higi	h Tida	PVC		Point of Vertical Curve
D.H.W.			PVI		Point of Vertical Intersection
D.H.I.	= Design Hig		PVT		Point of Vertical Tangent
D.n.1. Dwg.	= Design Hig = Drawing	n ice			Required
EA, ea.	= Drawing = each				right of way
E, eu.	= Expansion	Joint	Rt. SF		Right
e. f.	= each face	00//10	Sr Sht.		Square Foot Sheet
e.s.	= each side		S.I.P.		
Elev.	= Elevation		з.1.г. spc.		stay in place space, spaces, spaced
	= equally		Sta.		Station
eq.	= Fixed Join	4	Std.		Standard
F f. f.	= far face	ι	SY SY		Square Yard
1.1. ft.	= feet				Symmetric, Symmetrical
n. Grdr.			Тур.		Typical
Grur.	= Girder		ÚΤ		ultrasonic testing
			vert.		vertical
			w/	=	with

N CREEK BRIDGE

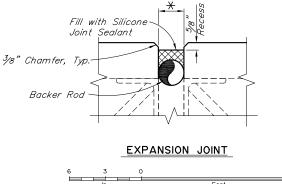
UGLAS HIGHWAY

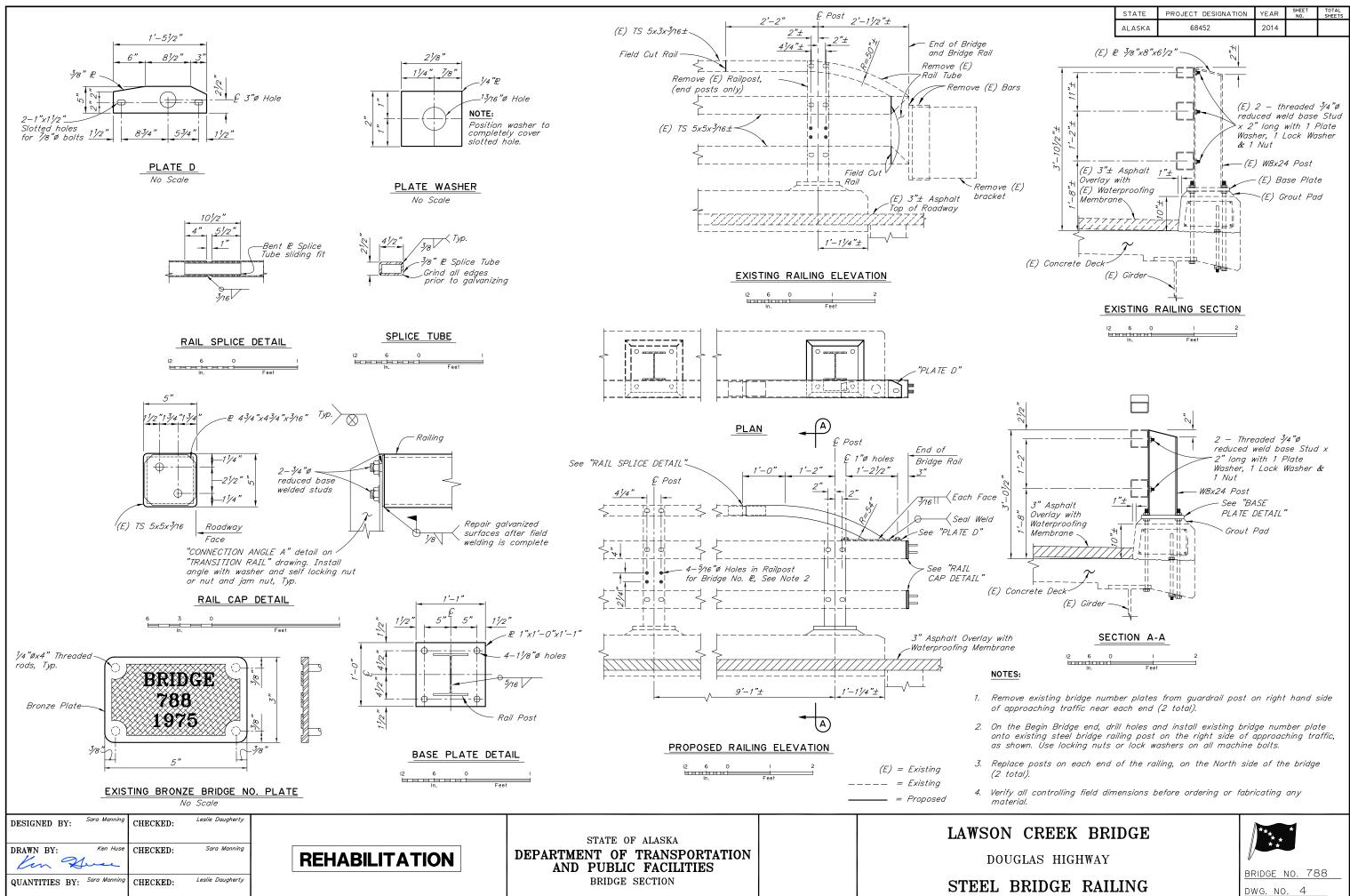
S OF ESTIMATE



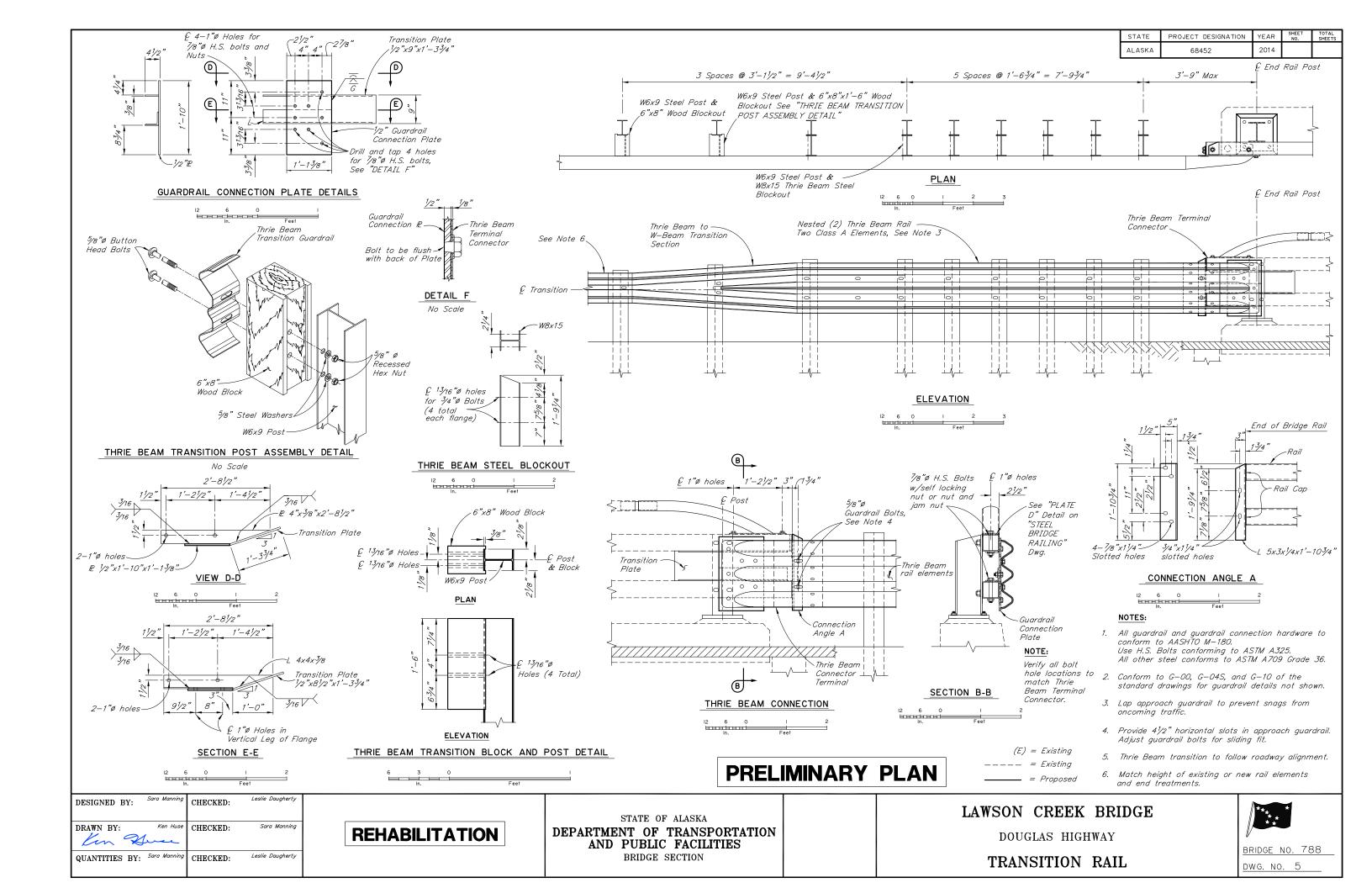


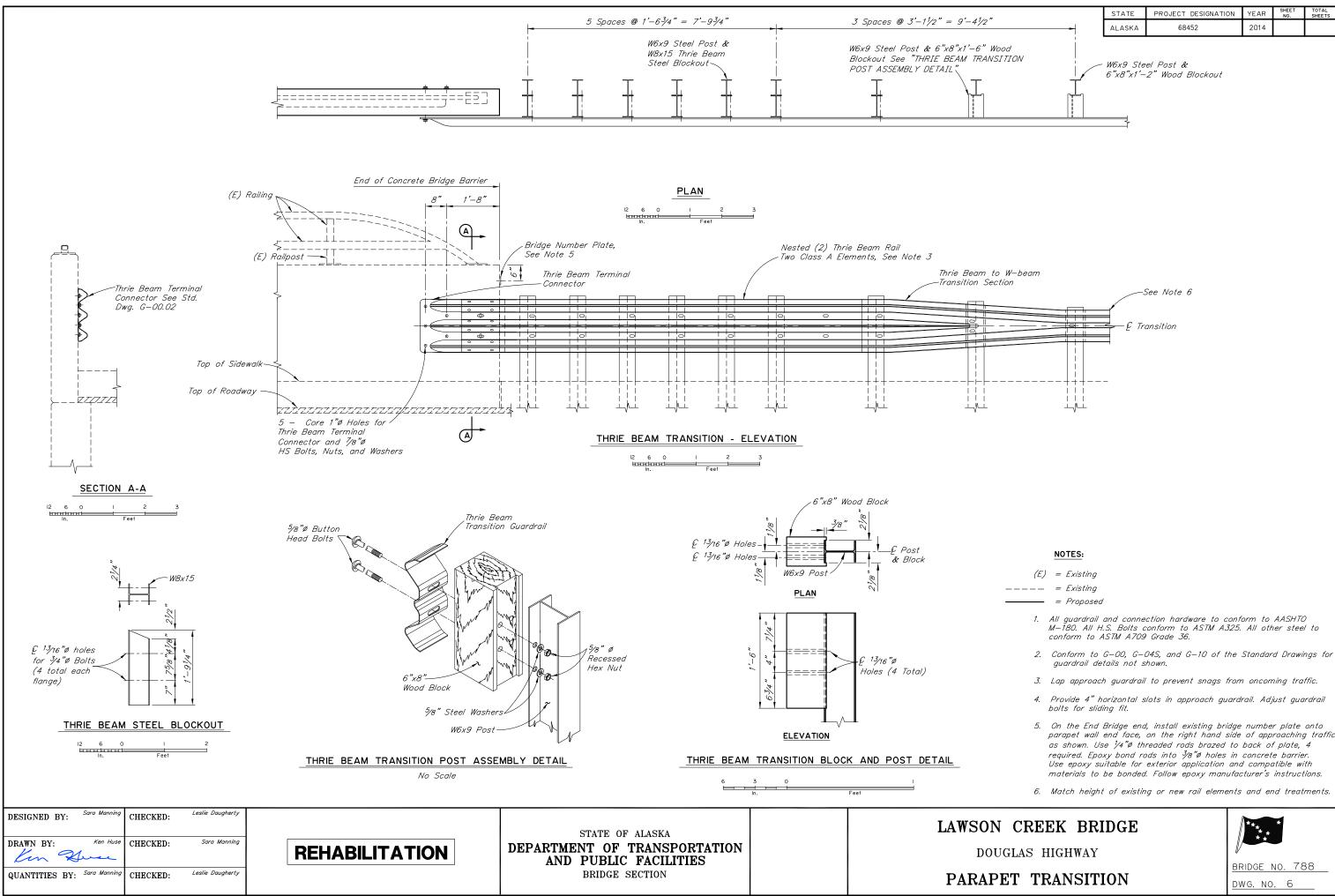
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	68452	2014		

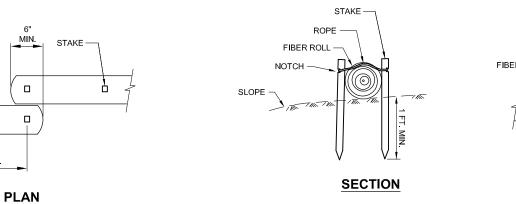




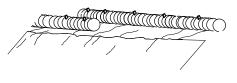
BRIDGE NO. 788
DWG. NO. 4











FIBER ROLL

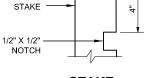
FIBER ROLL (TYPE 1)

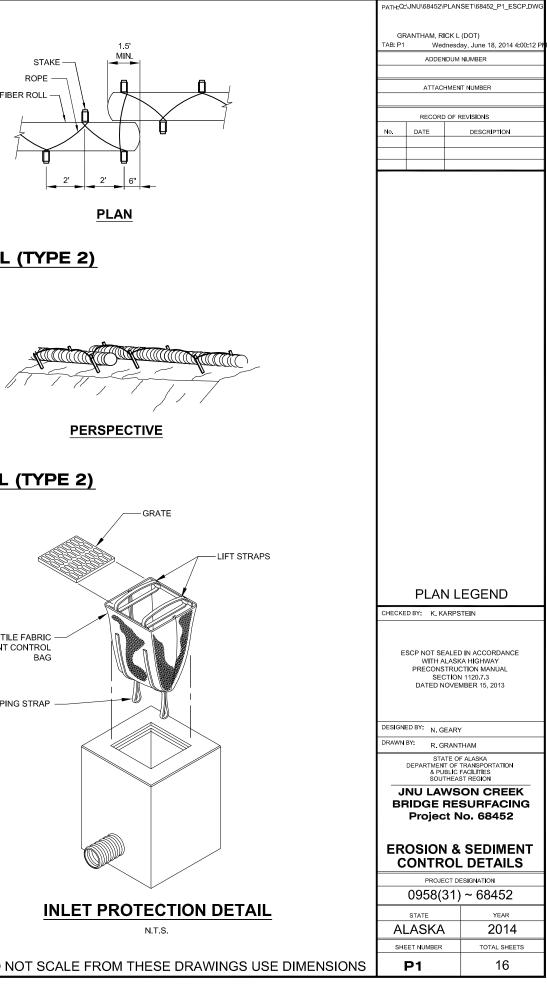
п

4' MAX.

PERSPECTIVE



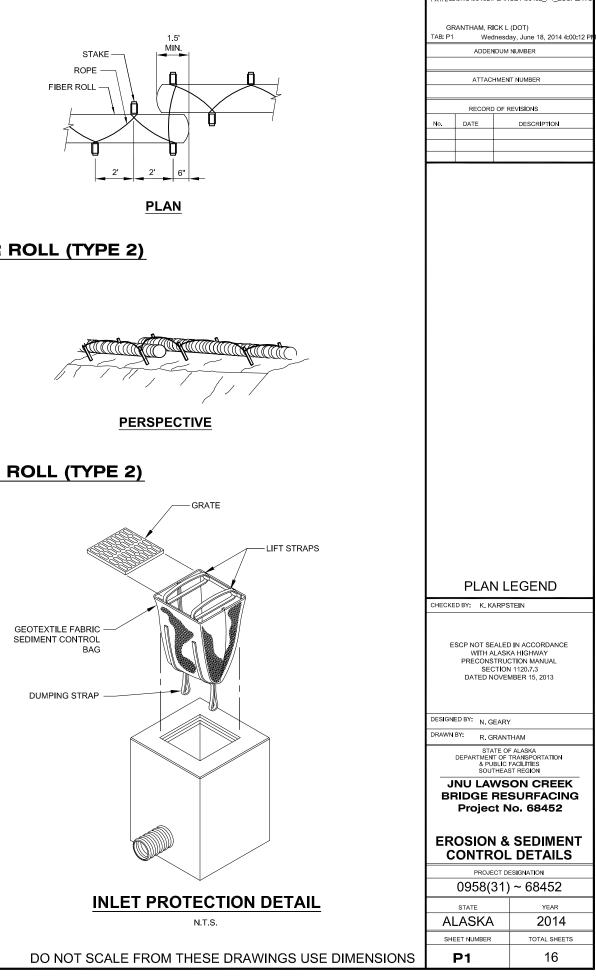




STAKE

FIBER ROLL (TYPE 2)





GENERAL NOTES:

1. REFER TO APPENDIX B OF THE SPECIAL PROVISIONS FOR THE ENVIRONMENTAL COMMITMENTS.

STAKE

M

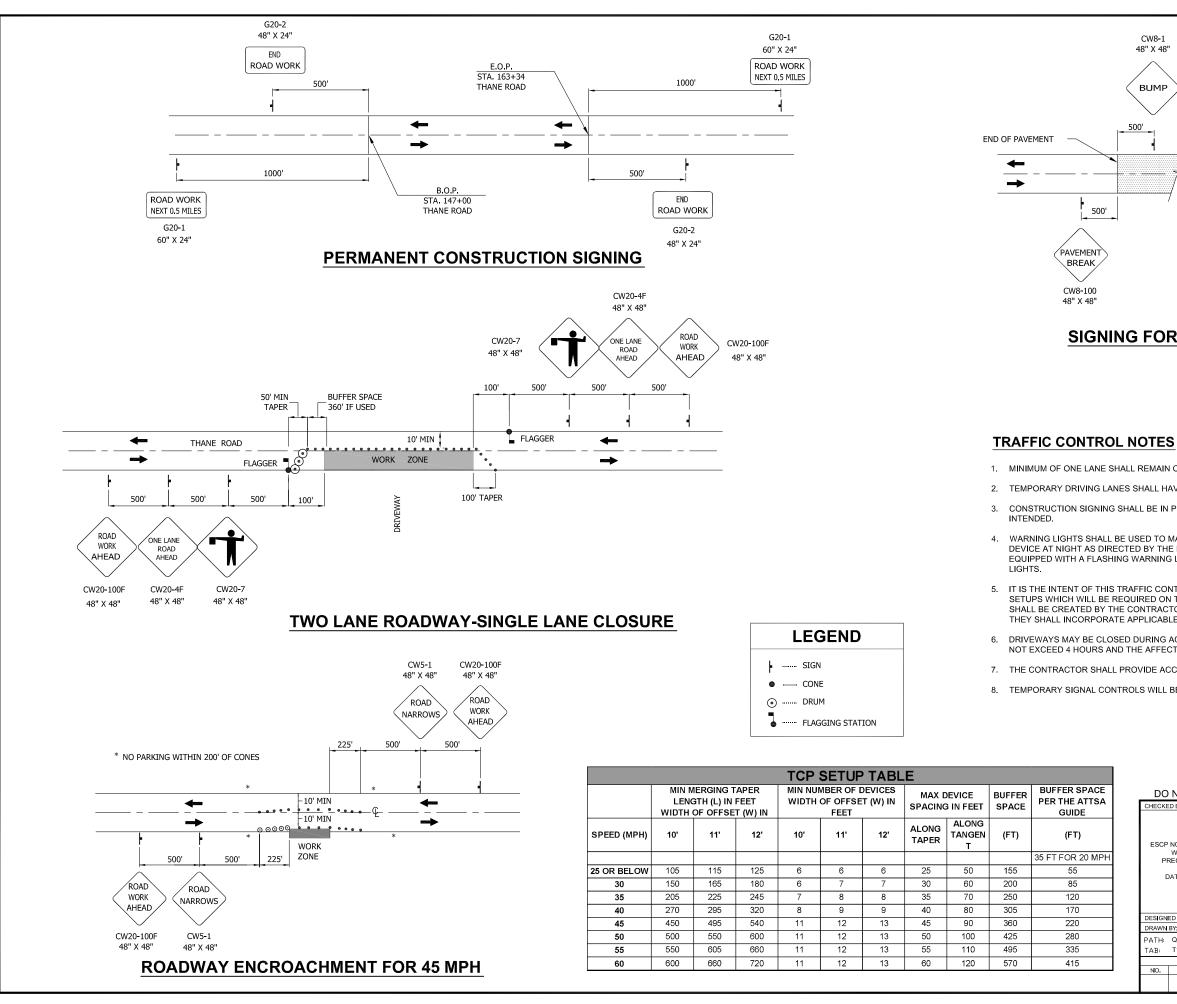
SECTION

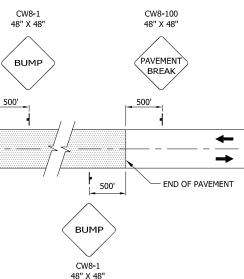
FIBER ROLL

- 75

SLOPE -

- THE LOCATIONS OF TEMPORARY EROSION & SEDIMENT POLLUTION CONTROLS ARE RECOMMENDATIONS. 2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PREPARE AND IMPLEMENT A SWPPP ACCORDING TO SECTION 641 OF THE SPECS.
- 3. INSTALL EROSION AND SEDIMENT CONTROL DEVICES BEFORE BEGINNING CONSTRUCTION ACTIVIES.
- 4. THE LOCATION AND LENGTH OF FIBER ROLLS IS DEPENDENT ON THE CONDITIONS OF THE SITE. LAP ADJACENT FIBER ROLLS TO PREVENT SEDIMENT BYPASS.
- 5. ANCHOR AS NECESSARY TO FIRMLY SECURE FIBER ROLLS AND PROVIDE CONTINUOUS CONTACT WITH THE SURFACE ON WHICH IT IS INSTALLED.
- 6. EROSION CONTROL MEASURES WILL BE EVALUATED BY THE ENGINEER BASED ON EFFECTIVENESS. THOSE FOUND INEFFECTIVE MUST BE REPLACED OR REPAIRED WITHIN 24 HOURS FOLLOWING NOTIFICATION.
- 7. MAINTAIN DEVICES. MONITOR DAILY.





SIGNING FOR UNPAVED AREA

1. MINIMUM OF ONE LANE SHALL REMAIN OPEN AT ALL TIMES IN WORK AREAS.

2. TEMPORARY DRIVING LANES SHALL HAVE A MINIMUM WIDTH OF 10'-0".

3. CONSTRUCTION SIGNING SHALL BE IN PLACE ONLY WHEN THE CONDITIONS EXIST FOR WHICH THE SIGNS ARE

WARNING LIGHTS SHALL BE USED TO MARK BARRICADES, PORTABLE BARRIERS OR ANY OTHER CHANNELIZING DEVICE AT NIGHT AS DIRECTED BY THE ENGINEER. THE FIRST DEVICE FACING THE DIRECTION OF TRAFFIC SHALL BE EQUIPPED WITH A FLASHING WARNING LIGHT, ALL OTHERS SHALL BE EQUIPPED WITH STEADY-BURN WARNING

5. IT IS THE INTENT OF THIS TRAFFIC CONTROL PLAN (TCP) TO ILLUSTRATE SOME, NOT ALL, OF THE TRAFFIC CONTROL SETUPS WHICH WILL BE REQUIRED ON THIS PROJECT. PLANS FOR CONFIGURATIONS NOT COVERED BY THE TCP SHALL BE CREATED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR APPROVAL. WHERE APPROPRIATE, THEY SHALL INCORPORATE APPLICABLE DETAILS FROM THESE SHEETS

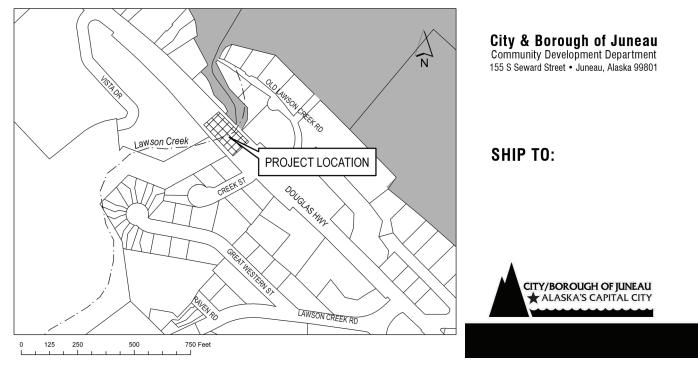
6. DRIVEWAYS MAY BE CLOSED DURING ACTUAL WORK ON A GIVEN DRIVEWAY, PROVIDED THAT THE CLOSURE DOES NOT EXCEED 4 HOURS AND THE AFFECTED RESIDENTS HAVE BEEN GIVEN 24 HOURS' NOTICE OF THE CLOSURE.

7. THE CONTRACTOR SHALL PROVIDE ACCESS THROUGH THE PROJECT TO EMERGENCY VEHICLES AT ALL TIMES.

8. TEMPORARY SIGNAL CONTROLS WILL BE COVERED UP OR REMOVED WHEN THEY ARE NOT IN USE.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS							
CHECKED BY:	K. KARPSTEIN	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITES SOUTHEAST REGION					
WITH AL PRECONS SEC	ALED IN ACCORDANCE "ASKA HIGHWAY IRUCTION MANUAL TION 1120.7.3 DVEMBER 15, 2013	JNU LAWSON CREEK BRIDGE RESURFACING Project No. 68452					
DESIGNED BY: DRAWN BY:	N. GEARY R. GRANTHAM		ONT	RO			
PATH: Q:JNU/68452:PLANSET/68452_T1_TRAF.DWG							
TAB: T1 Wednesday, June 18, 2014 4:01:39 PM GRANTHAM, RICK L (DOT)							
NO. DATE	REVISIONS	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS		
		0958(31) ~ 68452	2014	T1	16		

NOTICE OF PUBLIC HEARING



PROPOSAL: Local concurrency review for Lawson Creek Bridge maintenance.

File No:	CSP2014 0016	Applicant:	State of Alaska
То:	Adjacent Property Owners	Property PCN:	0
Hearing Date:	August 12, 2014	Owner:	State of Alaska
Hearing Time:	7:00 PM	Size:	0.1 Mile Long, 37 Feet Wide
Place:	Assembly Chambers	Roadway Classification:	Minor Arterial
	Municipal Building	Site Address:	Lawson Creek Bridge
	155 South Seward Street	Accessed Via:	Douglas Highway
	Juneau, Alaska 99801		

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 14 days prior to 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.