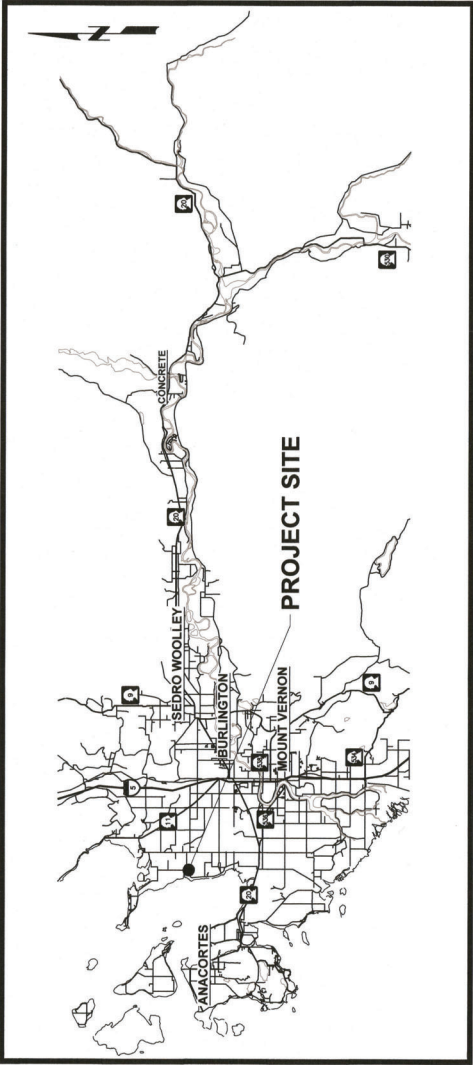


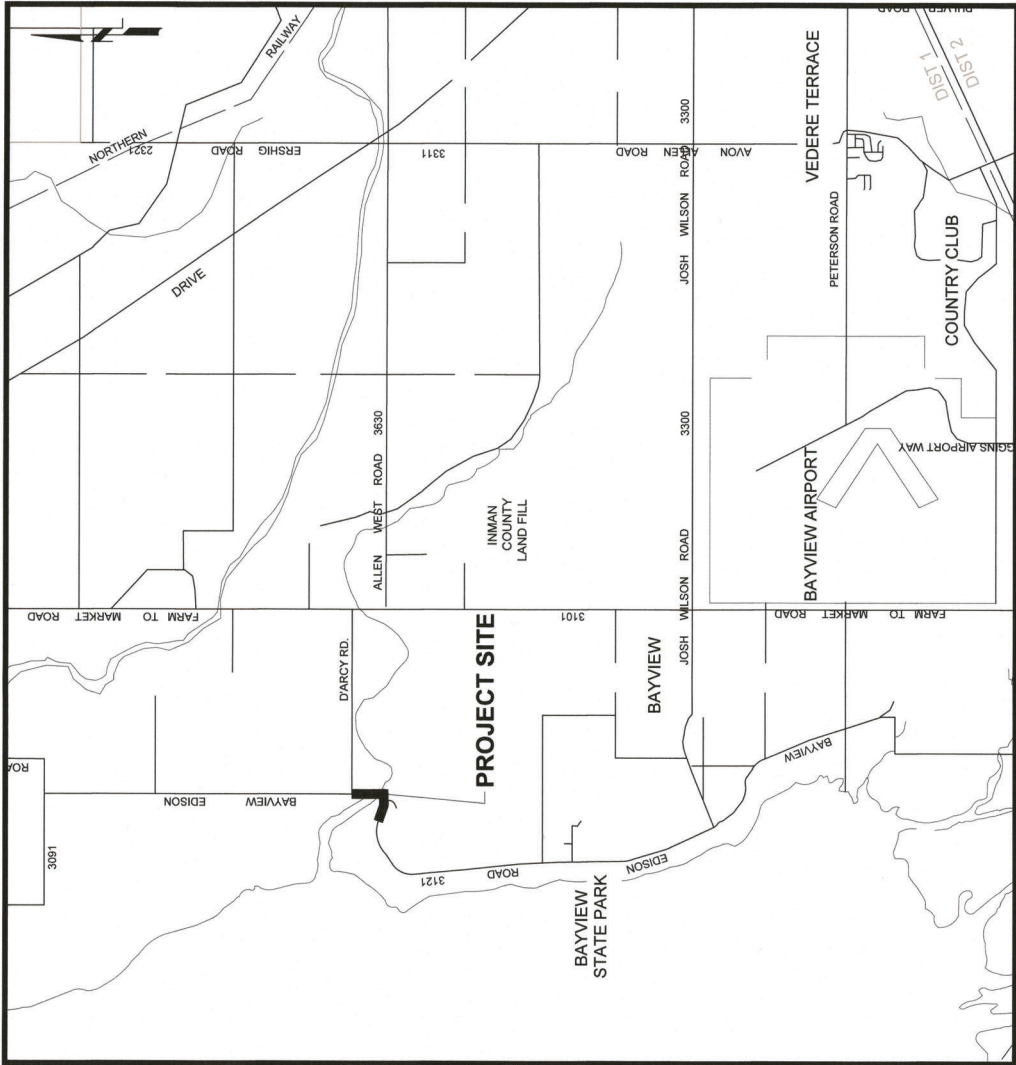
BAY VIEW-EDISON JOE LEARY SLOUGH BRIDGE (DECK OVERLAY)

ES31210-5

FEDERAL AID NO. BHS-L291(002)



VICINITY MAP NTS
SECTION 3 & 4, T.34N., R.4E., W.M.



SITE MAP NTS



SKAGIT COUNTY OFFICIALS

- BOARD OF COMMISSIONERS
- RON WESEN, CHAIR
 - LISA JANICKI, COMMISSIONER
 - PETER BROWNING, COMMISSIONER

APPROVED FOR CONSTRUCTION

[Signature]
GRACE K. KANE, P.E., PUBLIC WORKS DIRECTOR/COUNTY ENGINEER

[Signature] 8/14/2023
DATE

Sheet List Table	
Sheet Number	Sheet Title
1	COVER SHEET
2	NOTES
3	TRAFFIC CONTROL PLAN
4	SITE PREP & TESC PLAN
5	ROADWAY PLAN, TYPICAL SECTION, & DRAINAGE PLAN
6	BRIDGE OVERLAY
7	GABION LAYOUT
8	GABION DETAILS

Summary of Quantities

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY
1	MOBILIZATION	L.S.	1.00
2	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.S.	1.00
3	ROADWAY EXCAVATION INCL. HAUL	C.Y.	40.00
4	QUARRY SPALLS	TON	45.00
5	OUTLET PROTECTION	EACH	3.00
6	CORRUGATED POLYETHYLENE DRAIN PIPE 12 IN. DIAM.	L.F.	25.00
7	CATCH BASIN TYPE 1 - CB#1	EACH	1.00
8	CATCH BASIN TYPE 1 - CB#2	EACH	1.00
9	MODIFIED CONC. OVERLAY	C.F.	370.00
10	FINISHING AND CURING MODIFIED CONC. OVERLAY	S.Y.	340.00
11	SCARIFYING CONC. SURFACE	S.F.	400.00
12	FURTHER DECK PREPARATION FOR TYPE 1 DECK REPAIR	TON	30.00
13	CRUSHED SURFACING BASE COURSE	TON	50.00
14	HMA CL. 1/2 IN. PG 58H-22	TON	64.00
15	LONGITUDINAL JOINT SEAL	L.F.	1.00
16	EROSION CONTROL AND WATER POLLUTION PREVENTION	L.S.	15.00
17	EXTRUDED CURB TYPE 2	L.F.	110.00
18	EXTRUDED CURB TYPE 5	L.F.	130.00
19	REMOVING AND RESETTING BEAM GUARDRAIL	L.F.	860.00
20	PAINT LINE	HR	1,344.00
21	PORTABLE CHANGEABLE MESSAGE SIGN	HR	200.00
22	FLAGGERS	HR	60.00
23	OTHER TRAFFIC CONTROL LABOR	L.S.	1.00
24	TRAFFIC CONTROL SUPERVISOR	S.F.	263.00
25	CONSTRUCTION SIGNS CLASS A	DOL	EST
26	WORK ZONE SAFETY CONTINGENCY	L.S.	1.00
27	STRUCTURE SURVEYING	C.Y.	40.00
28	GABION CRIBBING	L.S.	1.00
29	TRIMMING AND CLEANUP	DOL	EST
30	MINOR CHANGE	L.S.	1.00
31	SPOC PLAN	L.S.	1.00
32	RECORD DRAWINGS	L.S.	1.00
33	GABION REPAIR	L.S.	1.00

SURVEY NOTES:

HORIZONTAL DATUM: NAD83 WASHINGTON
STATE PLANE NORTH ZONE
VERTICAL DATUM: NAVD88

Know what's below
Call before you dig.
Determina lo que está bajo tierra



SKAGIT COUNTY
PUBLIC WORKS
1800 CONTINENTAL PLACE
MOUNT VERNON, WA 98273-5625
(360) 416-1400 FAX (360) 336 9478



PROJECT NO.: ES31210-5
DESIGNED BY: JK
CHECKED BY: KN
PROJECT LOCATED NEAR:
BOW, WASHINGTON

BAY VIEW EDISON JOE LEARY
SLOUGH BRIDGE (DECK
OVERLAY)
COVER SHEET

1 INCH SCALE BAR
ADJUST SCALE ACCORDINGLY
SHEET
1 OF 8

GENERAL CONSTRUCTION NOTES:

1. ALL WORK SHALL CONFORM TO THE CURRENT EDITION OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION AND AMENDMENTS.
2. UNDERGROUND AND OVERHEAD UTILITIES ARE KNOWN TO EXIST IN THE AREA OF CONSTRUCTION. THE LOCATION OF EXISTING UTILITIES SHOWN IS APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL UTILITY OWNERS FOR LOCATIONS AND TO FIELD VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION. THE ONE-CALL NUMBER FOR UNDERGROUND UTILITIES IS 1-800-424-5555. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF ALL EXISTING UTILITIES THROUGHOUT CONSTRUCTION; IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROMPTLY NOTIFY THE ENGINEER OF ANY CONFLICT WITH EXISTING UTILITIES.
3. A COPY OF THE APPROVED PLANS AND SPECIFICATIONS MUST BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.

EROSION AND SEDIMENT CONTROL NOTES:

1. THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED PRIOR TO OR IN CONJUNCTION WITH ALL CLEARING AND GRADING SO AS TO ENSURE THAT THE TRANSPORT OF SEDIMENT TO SURFACE WATER, DRAINAGE SYSTEMS, AND ADJACENT PROPERTIES IS MINIMIZED.
2. THE ESC FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR THE ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND MODIFIED TO ACCOUNT FOR CHANGING SITE CONDITIONS.
3. ALL CLEARING, GRUBBING, AND GRADING SHALL BE CONTAINED WITHIN THE LIMITS ESTABLISHED BY THE ENGINEER. ALL VEGETATION OUTSIDE DESIGNATED LIMITS SHALL REMAIN UNDISTURBED.
4. ALL STOCKPILES ARE TO BE LOCATED IN SAFE AREAS AND PROTECTED FROM EROSION BY MECHANICAL OR VEGETATIVE MEANS.
5. ALL EXPOSED AND UNWORKED SOILS SHALL BE STABILIZED BY SEEDING, MULCHING, MATTING, OR PLASTIC COVERING. FROM OCT. 1 TO APRIL 30, NO SOILS SHALL REMAIN UNSTABILIZED FOR MORE THAN 2 DAYS. FROM MAY 1 TO SEPT. 30, NO SOILS SHALL REMAIN UNSTABILIZED FOR MORE THAN 7 DAYS.
6. DEWATERING DEVICES SHALL DISCHARGE INTO A SEDIMENT REMOVAL BMP.
7. ALL POLLUTANTS OTHER THAN SEDIMENTS THAT OCCUR ON-SITE DURING CONSTRUCTION SHALL BE HANDLED AND DISPOSED OF IN A MANNER THAT DOES NOT CAUSE CONTAMINATION OF STORMWATER. PER CURRENT VERSION OF DEPARTMENT OF ECOLOGY STORMWATER MANAGEMENT MANUAL FOR PUGET SOUND BASIN.
8. SEDIMENTS TRANSPORTED ONTO A ROAD SURFACE SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM ROADS BY SHOVELING OR SWEEPING AND BE TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA. STREET WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER. ALL COSTS ASSOCIATED WITH THIS WORK SHALL BE INCIDENTAL TO THE VARIOUS BID ITEMS.

CONSTRUCTION SIGN CLASS A NOTES:

1. SIGNS SHALL BE PLACED IN ACCORDANCE WITH THE MOST CURRENT M.U.T.C.D. ADOPTED BY WAC 468-95 AND ITS MODIFICATIONS.
2. SIGNS SHALL CONFORM TO THE 2023 WSDOT STANDARD SPECIFICATION FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION MANUAL.
3. SIGNS SHALL NOT BE LOCATED WHERE THEY MAY CAUSE SIGHT DISTANCE PROBLEMS.
4. IF WORK INCLUDES GROOVED PAVEMENT, ABRUPT LANE EDGES, STEEL PLATES, OR GRAVEL OR EARTH SURFACES, SIGNS SHALL BE PLACED STATING THE CONDITION, AS REQUIRED BY THE CURRENT M.U.T.C.D. & WAC 468-95.
5. CONTRACTOR SHALL FURNISH ALL SIGNS.
6. SIGNS SHALL BE MOUNTED ON 4X4 POSTS.
7. CLASS B SIGNS ARE NOT SHOWN ON DRAWING.
8. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE AT-GRADE INTERSECTIONS AND DRIVEWAYS.

ABBREVIATIONS:

AC	ACRE
AP	ANGLE POINT
ASPH	ASPHALT
AVE	AVENUE
BLDG	BUILDING
BLVD	BOULEVARD
BVC	BEGIN VERTICAL CURVE
CALC	CALCULATED
CAT	CATEGORY
CB	CATCH BASIN
CIP	CAST IRON PIPE
CFS	CUBIC FEET PER SECOND
CL & C	CENTERLINE
CP	CONTROL POINT
CPCP	CORRUGATED POLYETHYLENE CULVERT PIPE
CPSSP	CORRUGATED POLYETHYLENE STORM SEWER PIPE
CONT'D	CONTINUED
CULV	CULVERT
CY	CUBIC YARD
DEG	DEGREE
DIA	DIAMETER
DWG	DRAWING
E	EAST/EASTING
EL & ELEV	ELEVATION

EST
EVC
FT &
GALV
GND
HMA
HR
IN &
INV
K
L
LF
LS
LT
MAX
MIN
MIC
MON
MUTCD

N
NTS
OD
OHV
PERF
PC

POINT OF INTERSECTION	POINT OF TANGENCY	RADIUS	ROAD	RANGE	RIGHT OF WAY	RIGHT	SOUTH	SECTION	SQUARE FOOT	SHOULDER	SPECIFICATIONS	STREET	STATION	SQUARE YARD	SYMMETRICAL	TOWNSHIP	TYPICAL	UNDERGROUND	VERTICAL CURVE	LENGTH	VERTICAL POINT	INTERSECT	WEST	WILLAMETTE MERIDIAN	WASHINGTON STATE DEPT	OF TRANSPORTATION
POINT	POINT	RADIUS	ROAD	RANGE	RIGHT OF WAY	RIGHT	SOUTH	SECTION	SQUARE FOOT	SHOULDER	SPECIFICATIONS	STREET	STATION	SQUARE YARD	SYMMETRICAL	TOWNSHIP	TYPICAL	UNDERGROUND	VERTICAL CURVE	LENGTH	VERTICAL POINT	INTERSECT	WEST	WILLAMETTE MERIDIAN	WASHINGTON STATE DEPT	OF TRANSPORTATION

LINETYPES:

ROAD CENTERLINE	=====
ASPHALT EDGE	-----
CONCRETE EDGE	-----
GRAVEL EDGE	-----
DITCH CENTERLINE	-----
DITCH TOP/TOE	-----
BRIDGE	-----
BUILDING FOOT	=====
MAJOR CONTOUR	-----
MINOR CONTOUR	-----
PATH	-----
CULVERT	-----
FENCE	-----
GUARDRAIL	-----
BLOCK/CONCRETE WALL	-----
ROCK WALL	-----
JERSEY BARRIER	-----

SURVEY:

SECTION LINE	_____
QUARTER SECTION LINE	_____
SIXTEENTH SECTION LINE	_____
PLAY LINE	_____
PARCEL LINE	_____
OWNERSHIP LINE	_____
RIGHT-OF-WAY LINE	_____
SETBACK LINE	_____
PROPOSED RIGHT-OF-WAY LINE	_____
PROPOSED RIGHT-OF-WAY LINE	_____
PROPOSED RIGHT-OF-WAY LINE	_____
RIGHT-OF-WAY LINE	_____
RIGHT-OF-WAY LINE	_____
EASEMENT LINE	_____
PROPOSED EASEMENT LINE	_____

HYDROLOGY:

CREEK EDGE	_____
CREEK CENTERLINE	_____
LAKE EDGE	_____
RIVER CENTERLINE	_____
SHORELINE	_____
ORDINARY HIGH WATER	_____ OHW _____ THW _____
THALWEG	_____
RIVER/LAKE BUFFER	_____
WETLAND BUFFER	_____
WETLAND EDGE	_____

VEGETATION:

BRUSH LINE	HEDGE/SHRUB	TREE LINE
-----		

RAILROAD:

RAILROAD CENTERLINE
RAILROAD RIGHT-OF-WAY LINE

STRIPING

DOUBLE YELLOW CENTERLINE _____
 DOTTED LINE _____
 DROP LANE LINE _____
 LANE/SKIP CENTERLINE _____
 TWO WAY LEFT TURN LINE _____

PROPOSED UTILITIES:

OVERHEAD POWER	OP
BURIED POWER	BP
OVERHEAD TELEPHONE	OT
BURIED TELEPHONE	BT
DRAIN	D
STORM SEWER	ST
WATER	W

SYMBOLS:

EXISTING FEATURES:		EXISTING SURVEY:	
	BOLLARD		CONTROL POINT
	BORE HOLE		BRASS CAP
	HANDICAP STALL SYMBOL		BENCH MARK
	LIGHT STANDARD		GPS CONTROL POINT
	MAIL BOX		IRON PIPE
	PEDESTRIAN POLE		IRON SPIKE
	POST		LEAD & TACK
	RAILROAD SYMBOL		MAG NAIL
	RIP RAP		MONUMENT
	ROCK		NAIL
	SIGN		PK NAIL
	SIGNAL BOX		REBAR
	SIGNAL POLE		REBAR & CAP
	SHRUB		RIGHT-OF-WAY MARKER
	TREE		SKAGIT COUNTY ALUMINUM CAP
			SECTION CORNER
			QUARTER SECTION CORNER

EXISTING SURVEY:

SKAGIT COUNTY
PUBLIC WORKS
1800 CONTINENTAL PLACE
MOUNT VERNON, WA 98273-5622
(360) 416-1400 FAX (360) 336 9472

NO.	REVISIONS	DATE

NO.				
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8AY VIEW - EDISON JOE LEARY
SLOUGH BRIDGE (DECK
OVERLAY)
NOTES

1 INCH SCALE BAR
ADJUST SCALE ACCORDINGLY

SHEET
2 OF 8

GENERAL TRAFFIC CONTROL NOTES:

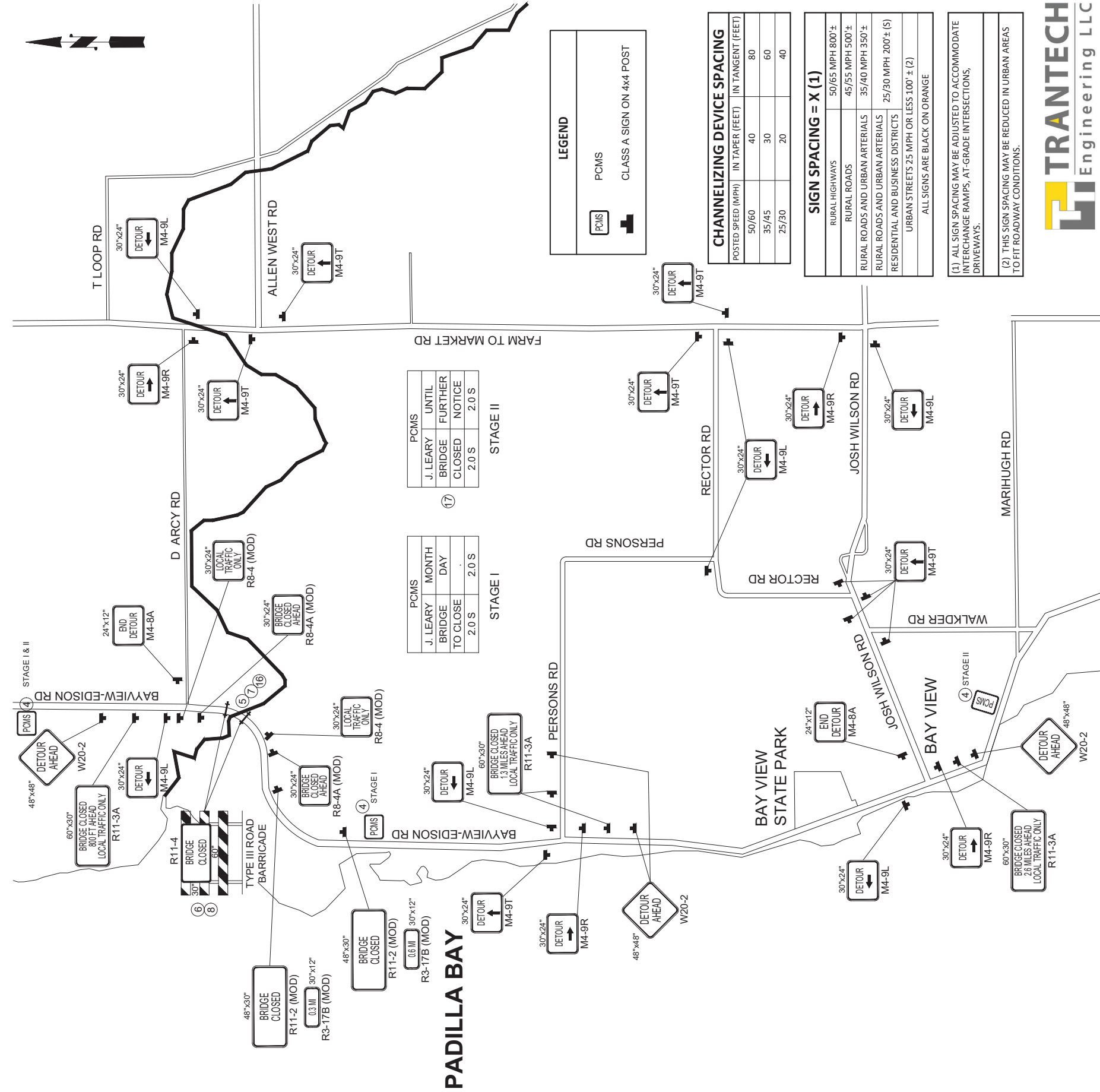
- 1. ALL TEMPORARY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE MOST CURRENT MANUAL ON UNIFORM TRAFFIC DEVICES (MUTCD) SECTION 6 AND THE WSDOT 2023 STANDARD SPECIFICATIONS.
- 2. ALL SIGNS SHALL BE PER WSDOT SIGN FABRICATION MANUAL UNLESS OTHERWISE SPECIFIED. DIAMOND SHAPED SIGNS SHALL BE AS DESIGNATED ON PLANS.
- 3. REMOVE CONFLICTING EXISTING PAVEMENT MARKINGS AND SECURELY COVER CONFLICTING EXISTING SIGNS.
- 4. TYPE C STEADY BURNING LIGHTS REQUIRED ON ALL CHANNELIZING DEVICES USED DURING HOURS OF DARKNESS.
- 5. CONTRACTOR SHALL INSTALL AND REMOVE ALL NECESSARY TEMPORARY TRAFFIC CONTROL SIGNS AS NOTED ON THESE PLANS. ALL EXISTING SIGNS REMOVED SHALL BE SALVAGED FOR COLLECTION BY THE AGENCY UNLESS OTHERWISE NOTED.
- 6. DEVICES SHALL NOT ENCROACH INTO ADJACENT VEHICLE LANES OR DRIVEWAYS.
- 7. CONTRACTOR SHALL BE RESPONSIBLE IN PROVIDING SIGNS AT ALL TIMES DURING CONSTRUCTION. ANY DAMAGE TO ROADS OR PROPERTY ON THE DETOUR ROUTE CAUSED BY CONTRACTOR ACTIVITIES SHALL BE REPAIRED TO THE SATISFACTION OF THE COUNTY AT THE CONTRACTOR'S EXPENSE.
- 8. BAYVIEW STATE PARK SHALL REMAIN OPEN TO PUBLIC ACCESS FOR THE DURATION OF CONSTRUCTION. CONTRACTOR SHALL MAINTAIN ACCESS TO THE PARK FOR THE DURATION OF CONSTRUCTION.
- 9. THE CONTRACTOR SHALL TEMPORARILY USE AREAS DESIGNATED ON BAYVIEW-EDISON RD FOR VEHICLE, MATERIAL & EQUIPMENT STORAGE AS DIRECTED BY THE COUNTY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT NO DAMAGE IS CAUSED TO PROPERTY ASSOCIATED WITH THE BRIDGE CONSTRUCTION AREA.

SPECIAL TRAFFIC CONTROL NOTES:

- 1. TO THE GREATEST EXTENT PRACTICAL ACCESS CONNECTING BAYVIEW-EDISON ROAD & PRIVATE ACCESS DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES WITH AN APPROPRIATE FLAGGING PLAN PREPARED BY THE CONTRACTOR. THE PLAN WILL CONFORM WITH THE MUTCD AND BE APPROVED BY SKAGIT COUNTY.

JOE LEARY BRIDGE TC CONSTRUCTION NOTES		DESCRIPTION
STAGE	LABEL	
PREP	①	A PROTECTIVE VEHICLE IS REQUIRED. A TRUCK MOUNTED ATTENUATOR (TMA) IS RECOMMENDED. A PROTECTIVE VEHICLE SHALL BE STRATEGICALLY LOCATED TO SHIELD WORKERS, WITH MINIMUM REQUIRED ROLL-AHEAD DISTANCE.
PREP	②	DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
PREP	③	FOR SIGNS REFER TO MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND WSDOT SIGN FABRICATION MANUAL W55-05.
STAGES I & II	④	PCMS LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED THROUGH COORDINATION WITH THE SKAGIT COUNTY ENGINEER.
STAGES I & II	⑤	CONFLICTING PAVEMENT MARKINGS NO LONGER APPLICABLE MUST BE REMOVED OR OBLITERATED AS SOON AS POSSIBLE.
STAGES I & II	⑥	STEADY BURN WARNING LIGHTS (TYPE C: MUTCD) MUST BE USED ON CHANNELIZING DEVICES AT NIGHT FOR DELINEATION.
STAGES I & II	⑦	CONTRACTORS SHALL MAINTAIN DRIVEWAY ACCESS TO ADJACENT PROPERTIES AND SHALL KEEP ALL DRIVEWAYS OPEN TO TRAFFIC.
STAGES I & II	⑧	INSTALL TYPE III BARRICADES AND SIGNS PER WSDOT STANDARDS.
STAGES I & II	⑨	COVER EXISTING SIGNS IN PART OR COMPLETELY AS REQUIRED ON THE TRAFFIC CONTROL PLANS PRIOR TO IMPLEMENTING OR TERMINATING STAGE II DETOUR.
	⑩	NOT IN USE
STAGE II	⑪	W-SERIES SIGNS WILL BE 36" X 36" UNLESS OTHERWISE NOTED.
STAGE II	⑫	M-SERIES SIGNS WILL BE 24" X 30" UNLESS OTHERWISE NOTED.
STAGES I & II	⑬	ALL CONSTRUCTION SIGNS WILL BE BLACK ON ORANGE UNLESS OTHERWISE NOTED.
STAGES I & II	⑭	CONTRACTOR SHALL PROVIDE 11' OR 12' TRAFFIC CONTROL LANES EXCEPT WHERE OTHERWISE APPROVED BY THE ENGINEER.
STAGES I & II	⑮	PRIOR TO CONSTRUCTION THE CONTRACTOR WILL PLAN AND COORDINATE ACTIVITIES WITH THE SKAGIT COUNTY ENGINEER. THE TCS WILL COORDINATE WITH BUSINESS ADJACENT TO CONSTRUCTION IF APPLICABLE.
STAGES I & II	⑯	FLAGGERS WILL BE PRESENT DURING ACTIVE CONSTRUCTION ACTIVITY OR DURING CONSTRUCTION ACTIVITY IN PROXIMITY TO ACTIVE TRAFFIC.
STAGE II	⑰	REPLACE STAGE I PCMS MESSAGE WITH STAGE II PCMS MESSAGE.

MINIMUM TAPER LENGTH = L (FEET)									
LANE WIDTH (FEET)	25	30	35	40	45	50	55	60	
10	105	150	205	270	450	500	550	-	
11	115	165	225	294	495	550	605	660	
12	125	180	245	320	540	600	650	720	



PADILLA BAY

STAGE I				
J. LEARY	MONTH	DAY	2.0 S	
BRIDGE TO CLOSE				
2.0 S				

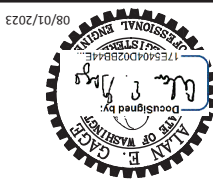
STAGE II				
J. LEARY	UNTIL	2.0 S		
BRIDGE FURTHER CLOSED				
2.0 S				

CHANNELIZING DEVICE SPACING			
POSTED SPEED (MPH)	IN TAPER (FEET)	IN TANGENT (FEET)	
50/60	40	80	
35/45	30	60	
25/30	20	40	

SIGN SPACING = X (1)	
RURAL HIGHWAYS	50/65 MPH 800' ±
RURAL ROADS	45/55 MPH 500' ±
RURAL ROADS AND URBAN ARTERIALS	35/40 MPH 350' ±
RURAL ROADS AND URBAN ARTERIALS	25/30 MPH 200' ± (S)
RESIDENTIAL AND BUSINESS DISTRICTS	
URBAN STREETS 25 MPH OR LESS 100' ± (2)	
ALL SIGNS ARE BLACK ON ORANGE	

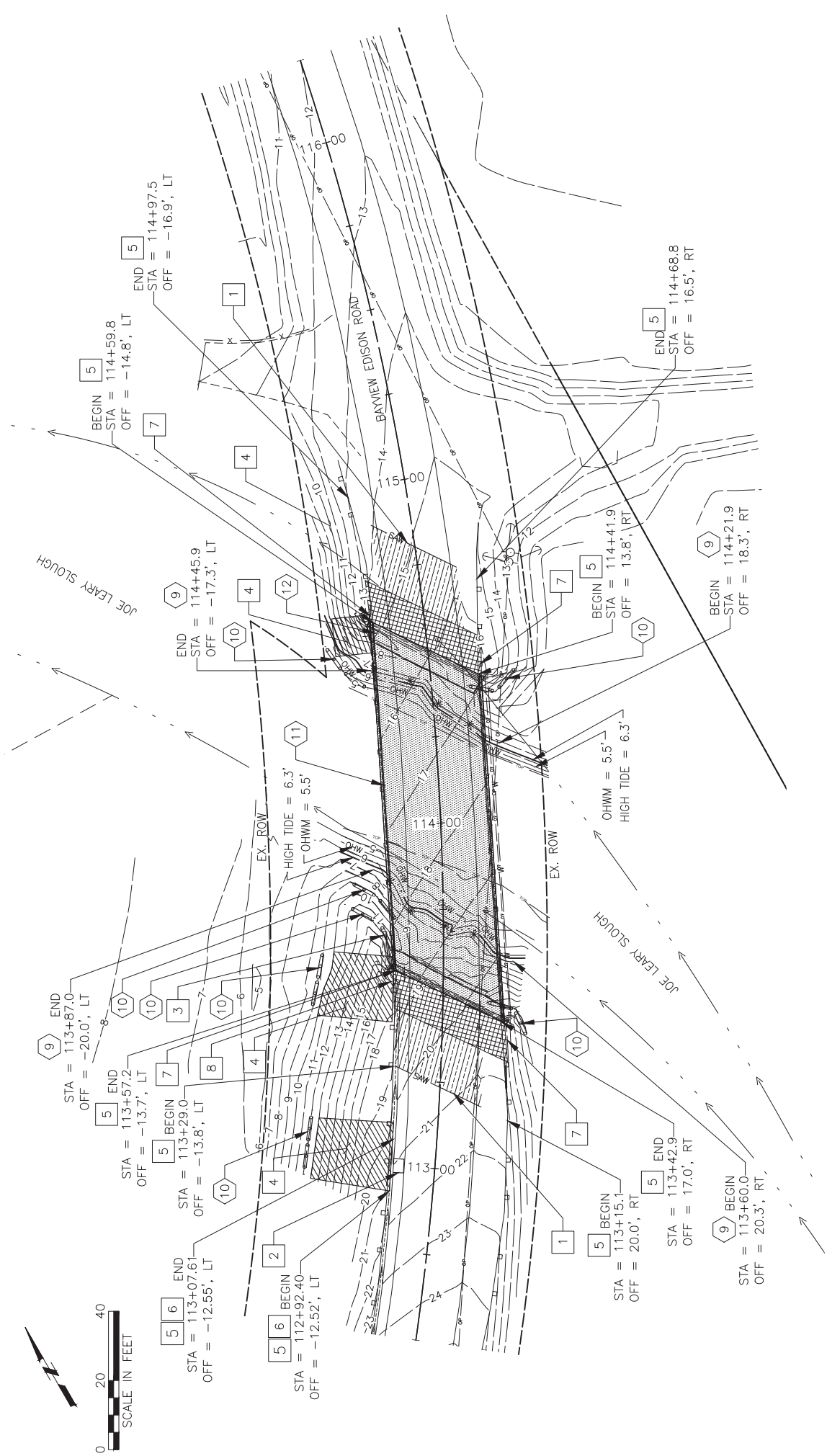
- (1) ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMP, AT-GRADE INTERSECTIONS, DRIVEWAYS.
- (2) THIS SIGN SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

NO.	REVISIONS	DATE



PROJECT NO.: ES31Z10-5	
FED. AID NO.: BHS-L291(002)	
DESIGNED BY: AG	DRAWN BY: DJJ
CHECKED BY: KN	APPROVED BY:
PROJECT LOCATED NEAR: BOW, WASHINGTON	

BAY VIEW-EDISON JOE LEARY SLOUGH BRIDGE (DECK OVERLAY)	
TRAFFIC CONTROL PLAN	



CONSTRUCTION STORMWATER POLLUTION PREVENTION (SWPPP) ELEMENTS:

- ELEMENT 1 – PRESERVE VEGETATION/MARK CLEARING LIMITS
PROPOSED BMP: HIGH VISIBILITY SILT FENCE – WSDOT STD PLAN I-30.17-01
- ELEMENT 2 – ESTABLISH CONSTRUCTION ACCESS
PROPOSED BMP: N/A
- ELEMENT 3 – CONTROL FLOW RATES
PROPOSED BMP: STRAW WATTLES – WSDOT STD PLAN I-30.20-02
- ELEMENT 4 – INSTALL SEDIMENT CONTROLS
PROPOSED BMPs: STRAW WATTLES – WSDOT STD PLAN I-30.20-02
STREET CLEANING – WSDOT STD SPEC. 8-01.3(8)
- ELEMENT 5 – STABILIZE SOILS
PROPOSED BMP: N/A
- ELEMENT 6 – PROTECT SLOPES
PROPOSED BMP: N/A
- ELEMENT 7 – PROTECT DRAIN INLETS
PROPOSED BMPs: PROPOSED CATCH BASINS (IF INSTALLED BEFORE OTHER WORK) – WSDOT STD PLAN I-40.20-00
OTHER INLETS – NONSTANDARD, SEE TESC NOTES #10 & #11

- ELEMENT 8 – STABILIZE CHANNELS AND OUTLETS
PROPOSED BMP: N/A
- ELEMENT 9 – CONTROL POLLUTANTS
PROPOSED BMP: 2019 SWMMWW BMP C151, BMP C152, BMP C153, BMP C154
- ELEMENT 10 – CONTROL DEWATERING
PROPOSED BMP: N/A
- ELEMENT 11 – MAINTAIN BMPs
PROPOSED BMP: 2019 SWMMWW BMP C160
- ELEMENT 12 – MANAGE THE PROJECT
PROPOSED BMP: 2019 SWMMWW BMP C160
- ELEMENT 13 – PROTECT LOW IMPACT DEVELOPMENT (LID) BMPs
PROPOSED BMP: N/A

XX

SITE PREP NOTES

1.

SAWCUT EXISTING PAVEMENT AT A DISTANCE 25' FROM THE SKEWED ABUTMENT (MEASURED PARALLEL)

2.

SAWCUT 5'x5' FOR CATCH BASIN

3.

REMOVE EXISTING 12" CORRUGATED CULVERT PIPE

4.

TRIMMING AND CLEANUP AS DIRECTED BY THE ENGINEER

5.

REMOVING AND RESETTING BEAM GUARDRAIL

6.

REMOVING ASPHALT CONC. CURB

7.

REMOVING AND RESETTING TYPE 3 OBJECT MARKERS – WORK IS INCIDENTAL TO THE BID ITEM "REMOVING AND RESETTING BEAM GUARDRAIL"

8.

REMOVING EXISTING CONCRETE SPILLWAY

XX

TESC NOTES

9.

HIGH VISIBILITY SILT FENCE PER WSDOT STD PLAN I-30.17-01

10.

STRAW WATTLES PER WSDOT STD PLAN I-30.20-02

11.

PROTECT AND COVER CONCRETE SCUPPER DRAIN

12.

PROTECT AND COVER CAST-IN-PLACE IRON SCUPPER DRAIN

LEGEND

— SAW

SAWCUT

ROADWAY EXCAVATION INCL. HAUL – ASPHALT CONCRETE PAVEMENT ONLY

ROADWAY EXCAVATION INCL. HAUL – FULL DEPTH = 9 INCHES

BRIDGE DECK SCARIFICATION LIMITS

TRIMMING AND CLEANUP AS DIRECTED BY THE ENGINEER

SKAGIT COUNTY

PUBLIC WORKS

1800 CONTINENTAL PLACE

MOUNT VERNON, WA 98273-5625

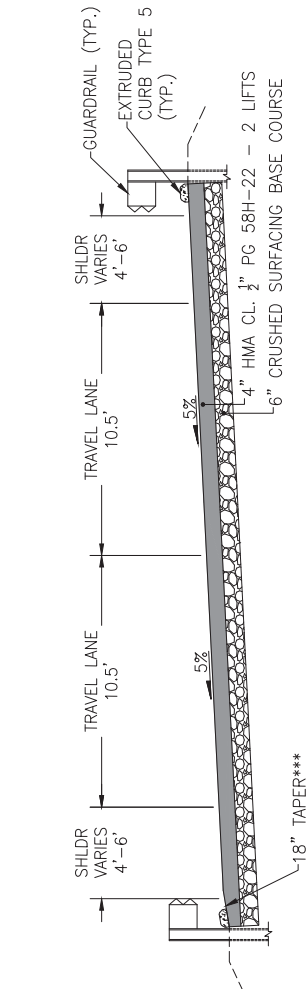
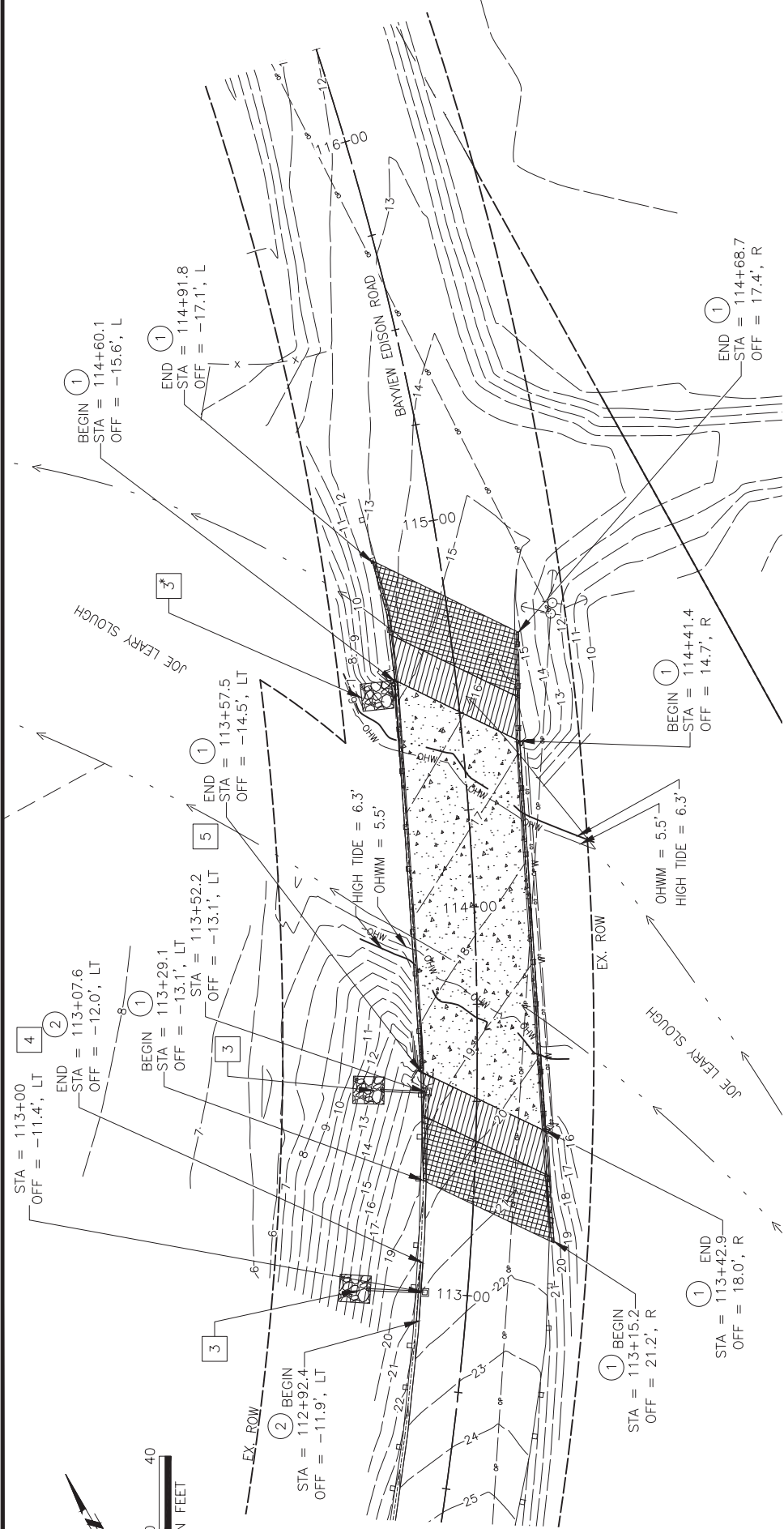
(360) 416-1400 FAX (360) 416-1405

NO.	REVISIONS	DATE

PROJECT NO.: ES31210-5	FED. AID NO.: BHS-L291(002)
DRAWN BY: KVV	DESIGNED BY: SAT
APPROVED BY:	CHECKED BY: DMS
PROJECT LOCATED NEAR: BOW, WASHINGTON	

BAY VIEW-EDISON JOE LEARY SLOUGH BRIDGE (DECK OVERLAY)	SITE PREP & TESC PLAN
1 INCH SCALE BAR ADJUST SCALE ACCORDINGLY	
SHEET 4 OF 8	

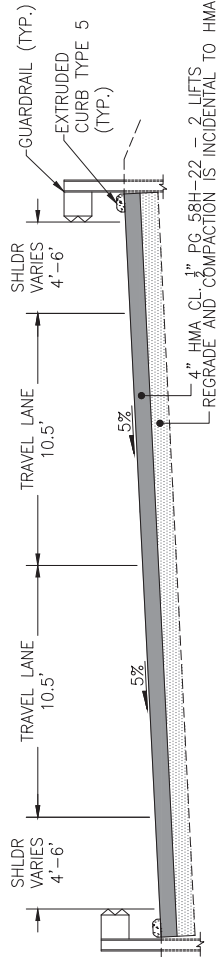
TRANTECH
Engineering LLC



ROADWAY TYPICAL SECTION 1 - APPROACH REBUILD LIMITS

Scale: NTS

***MATCH HMA FINISHED GRADE TO BRIDGE DECK.
NOTE: BRIDGE DECK FINISHED GRADE 1" HIGHER - SEE BRIDGE SHEET FOR DETAIL



ROADWAY TYPICAL SECTION 2 - PAVING LIMITS

Scale: NTS

PAVING NOTES

1. EXTRUDED CURB TYPE 5 (CEMENT CONCRETE) PER WSDOT STD PLAN F-10.40-04 AND WSDOT STD PLAN F-10.42-00 - PLACE JOINT FILLER NEXT TO EXISTING BRIDGE CURB AND POUR NEW CURB AGAINST IT
2. EXTRUDED CURB TYPE 2 (HOT MIX ASPHALT) PER WSDOT STD PLAN F-10.40-04 AND WSDOT STD PLAN F-10.42-00

DRAINAGE NOTES

3. OUTLET PROTECTION - SIZE 7" WIDE X 8' LONG X 1' DEEP (SEE DETAIL DT3)
4. CB#1: PROPOSED CATCH BASIN TYPE 1 PER WSDOT STD PLAN B-5.20-03 WITH 14 LF OF CORRUGATED POLYETHYLENE DRAIN PIPE 12 IN. DIAM. AT 3.3% SLOPE - WITH BEVELED EDGE PER WSDOT STD PLAN B-70.20-01

RIM ELEVATION = 21.1'
INVERT ELEVATION = 17.5', W

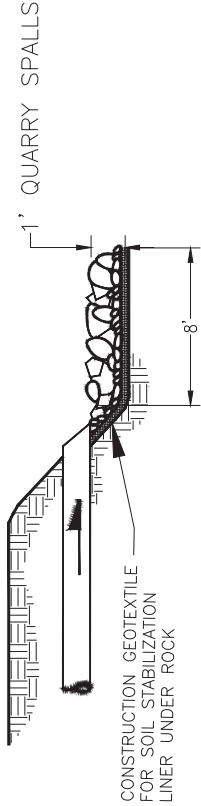
5. CB#2: PROPOSED CATCH BASIN TYPE 1 PER WSDOT STD PLAN B-5.20-03 WITH 11 LF OF CORRUGATED POLYETHYLENE DRAIN PIPE 12 IN. DIAM. AT 5.1% SLOPE - WITH BEVELED EDGE PER WSDOT STD PLAN B-70.20-01

RIM ELEVATION = 18.5'
INVERT ELEVATION = 14.5', W

ADJUST LOCATION TO AVOID GUARDRAIL POST

LEGEND

- PAVING LIMITS (LIMITS - 25' OUTSIDE BRIDGE DECK) - SEE ROADWAY TYPICAL SECTION 2
- APPROACH REBUILD (LIMITS - 10' OUTSIDE BRIDGE DECK) - SEE ROADWAY TYPICAL SECTION 1
- MODIFIED CONCRETE OVERLAY LIMITS



OUTLET PROTECTION

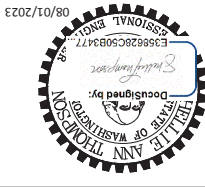
Scale: NTS

*FIELD FIT TO SCUPPER DRAIN OUTLET

LONGITUDINAL MARKING PATTERNS PER WSDOT STD PLAN M-20.10-04

- PAINTED WHITE EDGE LINE (INCLUDES 25' BEYOND PAVING LIMITS TO REFRESHEN EXISTING STRIPING)
- STA 113+00 LT TO 115+18 LT
- STA 112+93 RT TO 115+03 RT
- PAINTED YELLOW DOUBLE CENTERLINE LINE (INCLUDES 25' BEYOND PAVING LIMITS TO REFRESHEN EXISTING STRIPING)
- STA 112+97 TO 115+11 (CENTER)

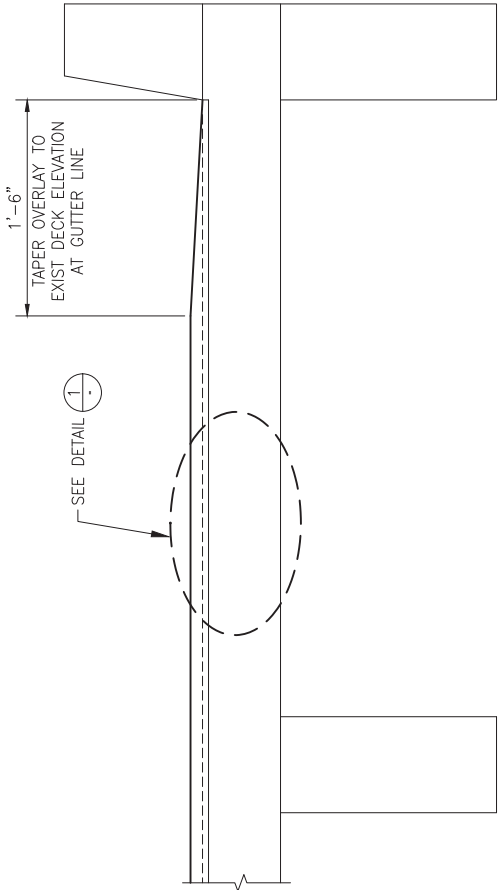
NO.	REVISIONS	DATE



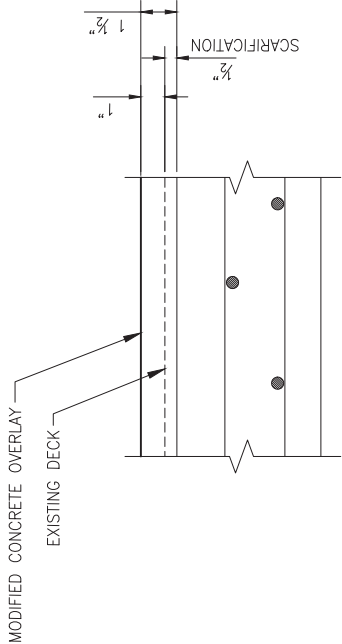
PROJECT NO.: ES31210-5	FED. AID NO.: BHS-L291(002)
DESIGNED BY: SAT	DRAWN BY: KVV
CHECKED BY: DMS	APPROVED BY:
PROJECT LOCATED NEAR:	BOW, WASHINGTON

BAY VIEW-EDISON JOE LEARY SLOUGH BRIDGE (DECK OVERLAY)	ROADWAY PLAN, TYPICAL SECTION, & DRAINAGE PLAN
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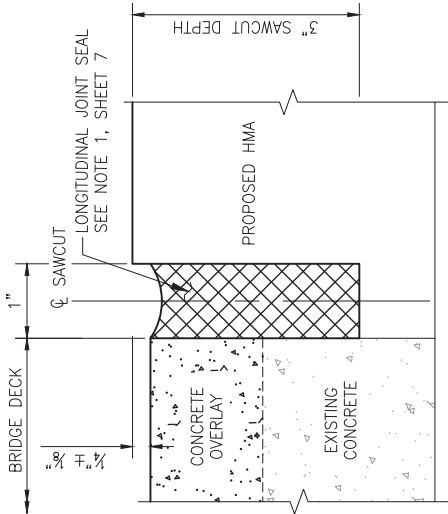
SECTION A (TYPICAL)



DETAIL 1



DETAIL 2



BAY VIEW-EDISON JOE LEARY
 SLOUGH BRIDGE (DECK
 OVERLAY)
 BRIDGE OVERLAY

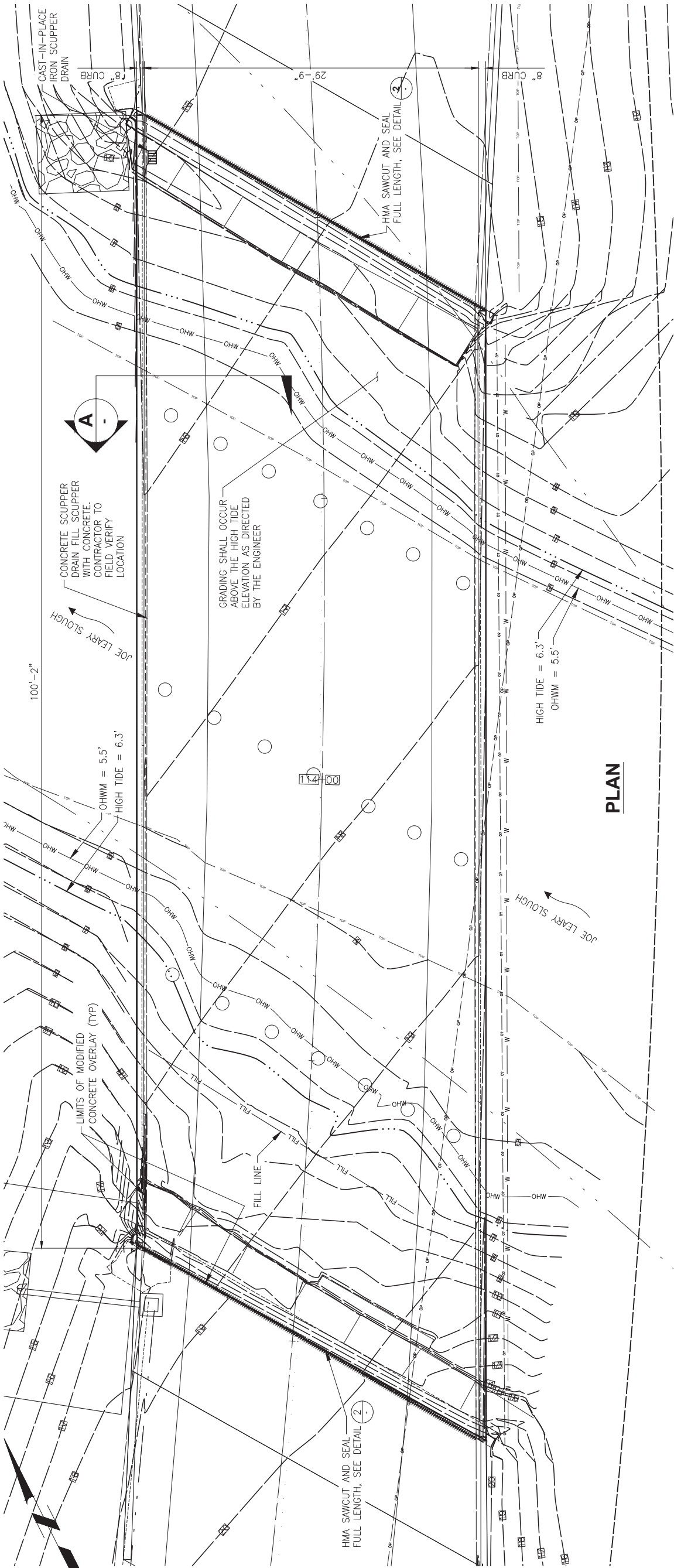
PROJECT NO.: ES31210-5		FED. AID NO.: BHS-L291(002)		DESIGNED BY: JK		CHECKED BY: KN		PROJECT LOCATED NEAR: BOW, WASHINGTON	
DRAWN BY: DJ		APPROVED BY: KN							



ENGINEER OF RECORD
DESIGN ENGINEER

NO.	REVISIONS	DATE

SKAGIT COUNTY
 PUBLIC WORKS
 1800 CONTINENTAL PLACE
 MOUNT VERNON, WA 98273-5625
 (360) 416-1400 FAX (360) 416-1405





**VIEW OF DAMAGED DECK AND SETTLING
APPROACH ROADWAY FROM BAY VIEW-EDISON RD
(LOOKING NORTH)**



**VIEW OF DAMAGED GABION
FROM NORTH ABUTMENT**
(LOOKING NORTH)



**VIEW OF DAMAGED GABION
FROM SOUTH ABUTMENT**
(LOOKING SOUTHEAST)



BAY VIEW-EDISON JOE LEARY SLOUGH BRIDGE (DECK OVERLAY)	GABION LAYOUT
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PROJECT NO.: ES3-1210-5	FED. AID NO.: BHS-1291(002)	DESIGNED BY: JK	DRAWN BY: DJ	CHECKED BY: KN	PROJECT LOCATED NEAR: BOW, WASHINGTON
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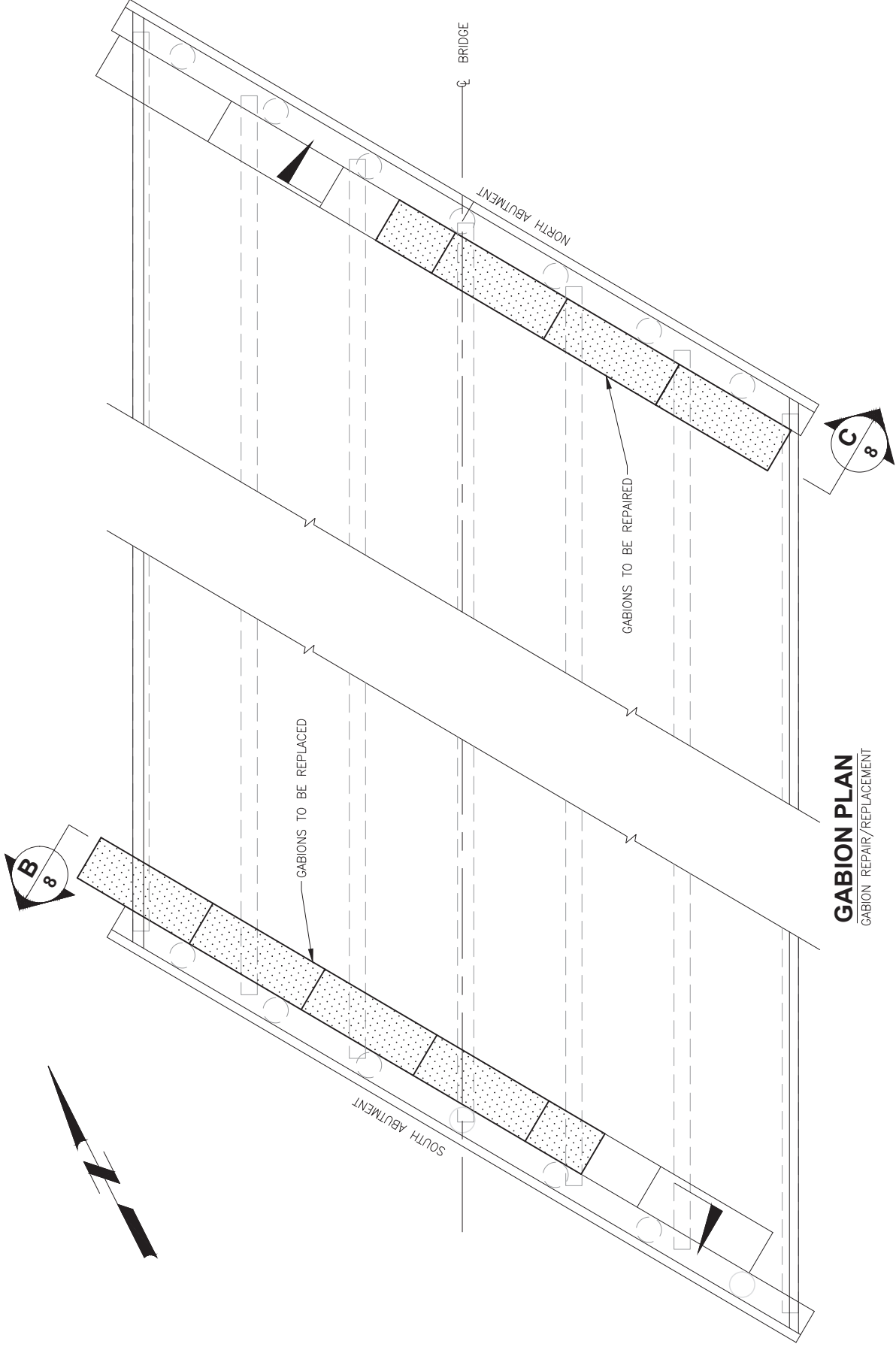
DESIGN ENGINEER

NO.	REVISIONS	DATE

SKAGIT COUNTY
PUBLIC WORKS
1800 CONTINENTAL PLACE
MOUNT VERNON, WA 98273-5625
(360) 416-1400 FAX (360) 416-1405

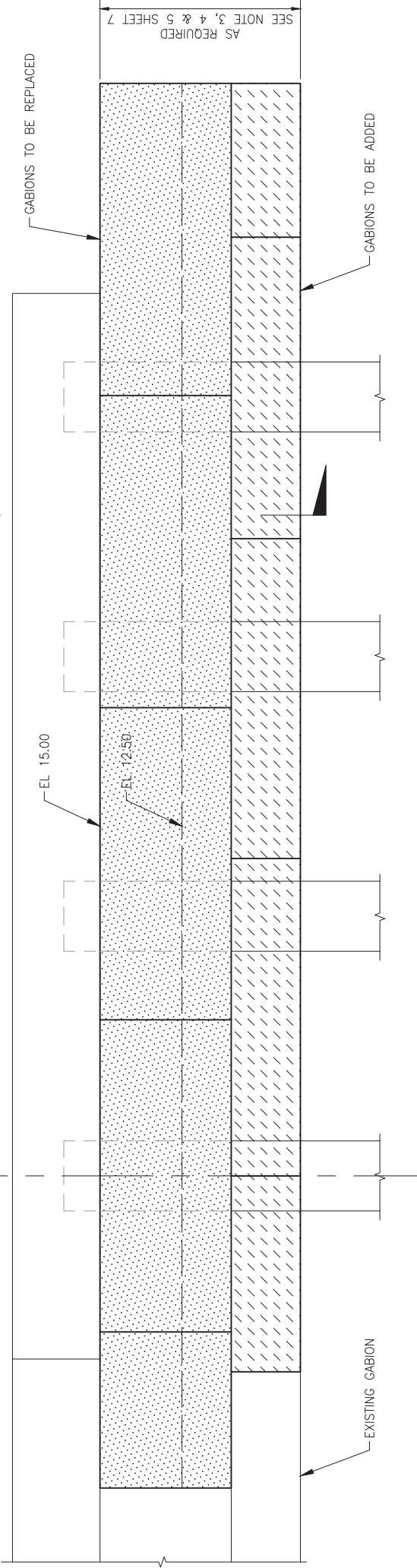
NOTES:

1. SAWCUT SHALL BE AS DESCRIBED IN STANDARD SPECIFICATION SECTION 5-05.3(8) AND SEALED IN ACCORDANCE WITH STANDARD SPECIFICATION SECTION 5-03.3(2)B.
2. THE CONTRACTOR SHALL AVOID SAWCUTTING CONCRETE AT ALL LOCATIONS.
3. GABIONS SHALL EXTEND DOWN TO COMPETENT NATIVE GROUND.
4. GABIONS ON THE NORTH SIDE TO BE REPAIRED BY BACK FILLING UNDERNEATH AND BUTTRESSING.
5. SEE SHEET 6 OF 8 FOR OHWM GRADING REQUIRED ABOVE 6.5 CONTOURS.
6. NEW GABIONS SHALL MATCH IN LENGTH, WIDTH, AND HEIGHT TO EXISTING GABIONS.



GABION PLAN

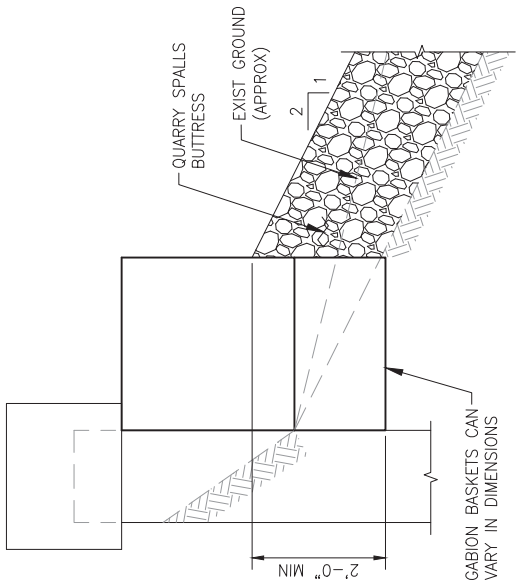
CL BRIDGE



ELEVATION B
LOOKING BACK
ON STATIONS

B
7

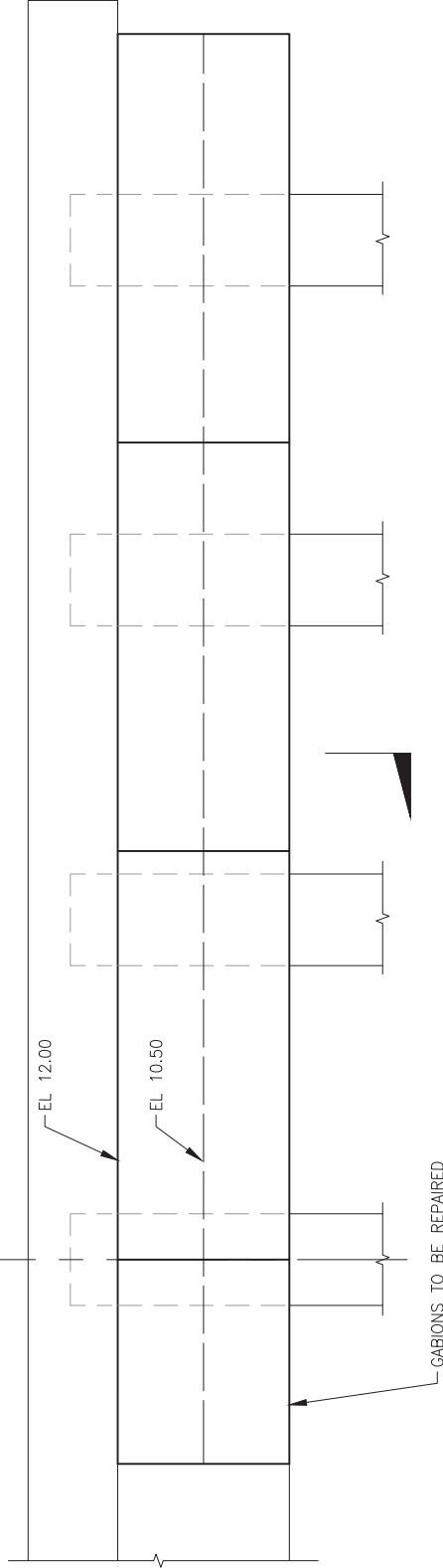
SECTION D



NOTE:

1. SEE SHEET 6 OF 8 FOR OHWM. GRADING REQUIRED ABOVE 6.5 CONTOURS. GRADE 2:1 TO ELEVATION 6.5 FEET.

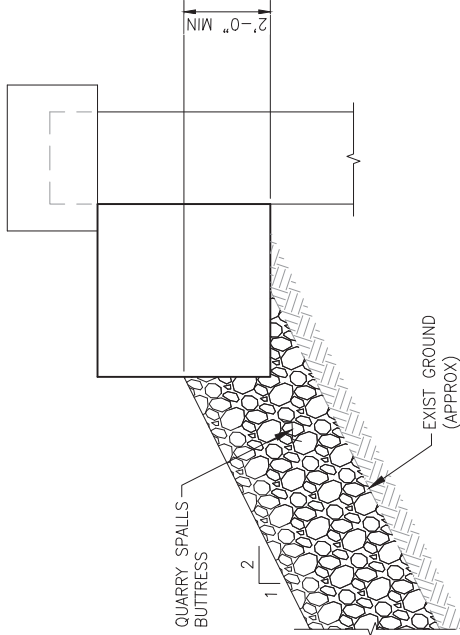
CL BRIDGE



ELEVATION C

C
7

SECTION E
(TYPICAL)



BAY VIEW-EDISON JOE LEARY
SLOUGH BRIDGE (DECK
OVERLAY)

GABION DETAILS

1 INCH SCALE BAR
ADJUST SCALE ACCORDINGLY

SHEET
8 OF 8

