

ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES EXCEPT FOR A TIME PERIOD OF 6 WEEKS (ASSUMING 3 WEEKS FOR EACH STRUCTURE BUT NOT REQUIRED) WHEN SR 122 MAY BE CLOSED FOR THE PRE-122-1441/1769 STRUCTURES REHABILITATION. THE 1441 AND 1769 STRUCTURES SHALL NOT BE CLOSED CONCURRENTLY AND MUST BE CLOSED FOR NO GREATER THAN 42 CONSECUTIVE DAYS. SR 122 SHALL ONLY BE CLOSED BETWEEN JUNE 1 AND AUGUST 15. CLOSURES PRIOR TO JUNE 1 OR AFTER AUGUST 15 WILL NOT BE PERMITTED.

ROADWAYS SHALL BE MAINTAINED AT ALL TIMES, EXCEPT WHERE SPECIFIED IN THE PLANS AS OUTLINED IN THE CHART BELOW. FOR EACH RESPECTIVE DETOUR AND CLOSURE, A DISINCENTIVE SHALL BE ASSESSED FOR EACH CALENDAR DAY THE ROADWAY REMAINS CLOSED TO TRAFFIC BEYOND THE SPECIFIED LIMIT.

LANE VALUE CONTRACT TABLE	ROAD	RESTRICTION	TIME UNIT	DISINCENTIVE
	SR 122	CLOSED	>42 DAYS EACH DAY	\$10,000/DAY

**ITEM 614, MAINTAINING TRAFFIC**

NOTICE OF CLOSURE SIGNS (W20-H13), SHALL BE ERECTED BY THE CONTRACTOR PRIOR TO THE SCHEDULED ROAD OR RAMP CLOSURE IN ACCORDANCE WITH THE NOTICE OF CLOSURE TIME TABLE BELOW.

THE SIGNS SHALL BE ERECTED ON THE RIGHT-HAND SIDE OF THE ROAD/RAMP FACING TRAFFIC. THEY SHALL BE PLACED SO AS NOT TO INTERFERE WITH THE VISIBILITY OF ANY OTHER TRAFFIC CONTROL SIGNS. ON ROADWAYS, THEY SHOULD BE ERECTED AT OR NEAR THE POINT OF CLOSURE. THE SIGNS MAY BE ERECTED ANYWHERE ON RAMPS AS LONG AS THEY ARE VISIBLE TO THE MOTORISTS USING THE RAMP. ON ENTRANCE RAMPS, THE SIGN SHALL BE ERECTED WELL IN ADVANCE OF THE MERGE AREA TO AVOID DISTRACTING MOTORISTS.

SR-122 WILL BE  
CLOSED MM/DD/YY  
FOR DAYS  
INFO: (513) 932-3030

W20-H13-60

**NOTICE OF CLOSURE SIGN TIME TABLE**

ITEM	DURATION OF CLOSURE	NOTIFICATION DUE TO DISTRICT COMMUNICATIONS OFFICE
	>= 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
ROAD CLOSURES	>12 HOURS AND < 2 WEEKS	7 CALENDAR DAYS PRIOR TO CLOSURE
	<12 HOURS	2 CALENDAR DAYS PRIOR TO CLOSURE

THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN SIGNS AND SIGN SUPPORTS, AS DETAILED IN THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, AND TYPE III BARRICADES AT THE LOCATION SHOWN IN THE DETOUR PLAN.

THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN STANDARD 48 X 30 INCH ROAD CLOSED SIGNS, SIGN SUPPORTS, BARRICADES AND LIGHTS, AS DETAILED IN SCD MT-101.60 AT THE LOCATIONS SHOWN IN THE DETOUR PLAN.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH C&MS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

**DESIGNATED LOCAL DETOUR ROUTE**

IN ADDITION TO THE OFFICIAL, SIGNED DETOUR ROUTE, LOCAL ROUTES HAVE BEEN DETERMINED TO BE THE SECONDARY, UNSIGNED DETOUR ROUTES OR "DESIGNATED LOCAL DETOUR ROUTES". THE FOLLOWING ROADS WILL BE UTILIZED FOR A LOCAL DETOUR FOR THE DESIGNATED BRIDGE CLOSURES:

PRE-122-14.41  
CR-65 (FROM S.R. 122 TO CR-97 = 1.41 MILES)  
CR-97 (FROM CR-65 TO S.R. 122 = 1.10 MILES)

PRE-122-17.69  
S.R. 503 (FROM S.R. 122 TO RAY RD = 1.72 MILES)  
RAY RD (FROM S.R. 503 TO S.R. 122 = 1.14 MILES)

DURING THE TIME THAT TRAFFIC IS DETOURED, THE CONTRACTOR SHALL MAINTAIN THIS ROUTE IN A CONDITION WHICH IS REASONABLY SMOOTH AND FREE FROM HOLES, RUTS, RIDGES, BUMPS, DUST AND STANDING WATER. ONCE THE DETOUR IS REMOVED AND TRAFFIC IS RETURNED TO ITS NORMAL PATTERN, THE DESIGNATED LOCAL DETOUR ROUTE SHALL BE RESTORED TO A CONDITION THAT IS EQUIVALENT TO THAT WHICH EXISTED PRIOR TO ITS USE FOR THIS PURPOSE. ALL SUCH WORK SHALL BE PERFORMED WHEN AND AS DETERMINED BY THE ENGINEER.

THE FOLLOWING ESTIMATED QUANTITIES ARE PROVIDED FOR USE AS DETERMINED BY THE ENGINEER TO MAINTAIN AND SUBSEQUENTLY RESTORE THE DESIGNATED LOCAL DETOUR ROUTE:

ITEM 202, PAVEMENT REMOVED	200 SQ YD.
ITEM 254, PAVEMENT PLANING, ASPHALT CONC.	200 SQ YD.
ITEM 301, ASPHALT CONCRETE BASE, PG 64-22	25 CU YD.
ITEM 441, ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448) PG 64-22	10 CU YD.
ITEM 407, TACK COAT	20 GAL.

**NOTIFICATION OF TRAFFIC RESTRICTIONS**

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE PROJECT ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW TO INFORM SPECIAL HAULING PERMITS SECTION (HAULING.PERMITS@DOT.OHIO.GOV) AND THE ODOT OFFICE OF COMMUNICATIONS. THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS.

INFORMATION SHOULD INCLUDE, BUT IS NOT LIMITED TO, ALL CONSTRUCTION ACTIVITIES THAT IMPACT OR INTERFERE WITH TRAFFIC AND SHALL LIST THE SPECIFIC LOCATION, TYPE OF WORK, ROAD STATUS, DATE AND TIME OF RESTRICTION, DURATION OF RESTRICTION, NUMBER OF LANES MAINTAINED, NUMBER OF LANES CLOSED, MINIMUM VERTICAL CLEARANCE, MINIMUM WIDTH OF DRIVABLE PAVEMENT, DETOUR ROUTES, IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

**NOTIFICATION TIME TABLE**

ITEM	DURATION OF CLOSURE	NOTICE DUE TO PERMITS & PIO
RAMP & ROAD CLOSURES	>= 2 WEEKS > 12 HOURS & < 2 WEEKS <= 12 HOURS	21 CALENDAR DAYS PRIOR TO CLOSURE 14 CALENDAR DAYS PRIOR TO CLOSURE 4 BUSINESS DAYS PRIOR TO CLOSURE
LANE CLOSURES & RESTRICTIONS	>= 2 WEEKS < 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE 5 BUSINESS DAYS PRIOR TO CLOSURE
START OF CONSTRUCTION & TRAFFIC PATTERN CHANGES		14 CALENDAR DAYS PRIOR TO IMPLEMENTATION

ANY UNFORESEEN CONDITIONS NOT SPECIFIED IN THE PLANS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE PROJECT ENGINEER USING THE NOTIFICATION TIME TABLE.

**ITEM 614, MAINTAINING TRAFFIC (LANES OPEN DURING SPECIAL EVENTS)**

NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED SPECIAL EVENTS:

PREBLE COUNTY FAIR  
PREBLE COUNTY PORK FESTIVAL  
BUCKEYE BRIDGE RIDE

THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR EVENT FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:

DAY OF EVENT ALL LANES MUST BE OPEN TO TRAFFIC

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE PER THE LANE VALUE CONTRACT (PN 127).

**ITEM 614, DETOUR SIGNING**

THE CONTRACTOR SHALL PROVIDE, MAINTAIN, AND SUBSEQUENTLY REMOVE ALL DETOUR SIGNING AND SUPPORTS AS SHOWN ON SHEET 8 AND ON STANDARD CONSTRUCTION DRAWING MT-101.60. ALL WORK SHALL BE PAID FOR UNDER ITEM 614, DETOUR SIGNING.

**TEMPORARY ACCESS FILL**

COFFERDAMS AND EXCAVATION BRACING INSTALLED FOR THE PROJECT ARE FOR DEWATERING THE WORK AREA. COFFERDAMS AND EXCAVATION BRACING DESIGN, CONSTRUCTION, AND REIMBURSEMENT FOR DAMAGE IS BASED ON CMS 503. THE CONTRACTOR MUST COMPLY WITH THE IN-STREAM RESTRICTION IN THE SPECIAL PROVISIONS - WATERWAY PERMIT. ADDING FILL TO OR EXCAVATING FROM THE STREAM TO DEWATER THE WORK AREA REQUIRES A TEMPORARY ACCESS FILL (TAF) SUBMISSION PER THE SPECIAL PROVISIONS. FILLING THE EXCAVATED AREA AFTERWARDS IS CONSIDERED A PERMANENT FILL AND MAY VIOLATE THE WATERWAY PERMIT'S THRESHOLDS OF IMPACTS.

IF THE CONTRACTOR CHOOSES TO IMPACT THE STREAM DURING THE MONTHS OF APRIL THROUGH OCTOBER: ALL REQUIREMENTS OF CMS 503 APPLY, UNLESS STIPULATED ELSEWHERE IN THIS NOTE.

IF THE CONTRACTOR CHOOSES TO IMPACT THE STREAM AT ANY TIME IN THE MONTHS OF NOVEMBER THROUGH MARCH: EVEN IF THE ACTUAL WATER ELEVATION EXCEEDS 3 FEET ABOVE THE STATED ORDINARY HIGH WATER MARK, THE DEPARTMENT WILL NOT REIMBURSE THE CONTRACTOR FOR RESULTING DAMAGE TO THE WORK PROTECTED BY THE COFFERDAM. ALL OTHER REQUIREMENTS OF CMS 503 APPLY.

AS STATED IN THE SPECIAL PROVISIONS, THE TAF WILL NOT BE PAID AS A SEPARATE ITEM BUT WILL BE INCLUDED BY THE CONTRACT AS PART OF THE TOTAL PROJECT COST.

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SHEET NUM.											PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
6	7	11	15	20	25	35	49	53	70		01/STR/B R		EXT	TOTAL			
											LS	201	11000	LS		ROADWAY	
		910									910	202	23000	910	SY	CLEARING AND GRUBBING	
		165									165	202	32500	165	FT	PAVEMENT REMOVED	
		704									704	202	38000	704	FT	CURB AND GUTTER REMOVED	
			240	515			120		49		924	203	10000	924	CY	GUARDRAIL REMOVED	
																EXCAVATION	
			261	185							446	203	20000	446	CY	EMBANKMENT	
		212.5									212.5	606	13000	212.5	FT	GUARDRAIL, TYPE 5	
		300									300	606	15050	300	FT	GUARDRAIL, TYPE MGS	
		100									100	606	15100	100	FT	GUARDRAIL, TYPE MGS WITH LONG POSTS	
		5									5	606	26150	5	EACH	ANCHOR ASSEMBLY, MGS TYPE E, MASH 2016	
		1									1	606	26550	1	EACH	ANCHOR ASSEMBLY, MGS TYPE T	
		4									4	606	35141	4	EACH	BRIDGE TERMINAL ASSEMBLY, TYPE 4, AS PER PLAN	
		165									165	609	18000	165	FT	COMBINATION CURB AND GUTTER, TYPE 3	
																EROSION CONTROL	
263											263	659	00300	263	CY	TOPSOIL	
2,360											2,360	659	10000	2,360	SY	SEEDING AND MULCHING	
0.32											0.32	659	20000	0.32	TON	COMMERCIAL FERTILIZER	
0.49											0.49	659	31000	0.49	ACRE	LIME	
13											13	659	35000	13	MGAL	WATER	
											10,000	832	30000	10,000	EACH	EROSION CONTROL	
																DRAINAGE	
40											40	605	31100	40	FT	AGGREGATE DRAINS	
		282									282	605	11100	282	FT	6" SHALLOW PIPE UNDERDRAINS	
		55									55	611	00510	55	FT	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS	
20											20	611	01400	20	FT	6" CONDUIT, TYPE E	
		1									1	611	98630	1	EACH	CATCH BASIN ADJUSTED TO GRADE	
																PAVEMENT	
		1,289									1,289	204	10000	1,289	SY	SUBGRADE COMPACTION	
		255									255	301	46000	255	CY	ASPHALT CONCRETE BASE, PG64-22	
		221									221	304	20000	221	CY	AGGREGATE BASE	
		194									194	407	10000	194	GAL	TACK COAT	
		90									90	441	50000	90	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	
																TRAFFIC CONTROL	
				5							5	621	00100	5	EACH	RPM	
				5							5	621	54000	5	EACH	RAISED PAVEMENT MARKER REMOVED	
				34.5							34.5	630	03100	34.5	FT	GROUND MOUNTED SUPPORT, NO. 3 POST	
				1							1	630	08600	1	EACH	SIGN POST REFLECTOR	
				1.34							1.34	630	80101	1.34	SF	SIGN, FLAT SHEET, AS PER PLAN	
				3							3	630	85100	3	EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	
				3							3	630	86002	3	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	
				0.2							0.2	646	10010	0.2	MILE	EDGE LINE, 6"	
				0.11							0.11	646	10200	0.11	MILE	CENTER LINE	
																STRUCTURE OVER 20 FOOT SPAN (PRE-122-1441)	
											LS	202	11201	LS		PORTIONS OF STRUCTURE REMOVED, AS PER PLAN	
											LS	503	11100	LS		COFFERDAMS AND EXCAVATION BRACING	
						415					415	503	21100	415	CY	UNCLASSIFIED EXCAVATION	
						13,497					13,497	509	10001	13,497	LB	EPOXY COATED REINFORCING STEEL, AS PER PLAN	
						445					445	510	10000	445	EACH	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	
						7					7	511	46010	7	CY	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING	
						14					14	511	46510	14	CY	CLASS QC1 CONCRETE, FOOTING	
						5					5	511	46610	5	CY	CLASS QC1 CONCRETE, HEADWALL	
						66					66	511	47011	66	CY	CLASS QC1 CONCRETE, CULVERT, AS PER PLAN	
						2					2	511	53010	2	CY	CLASS QC1 CONCRETE, MISC.:CUTOFF WALL	
						140					140	512	10100	140	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	
						250					250	512	33000	250	SY	TYPE 2 WATERPROOFING	
						140					140	512	33010	140	SY	TYPE 3 WATERPROOFING	
						146					146	516	13600	146	SF	1" PREFORMED EXPANSION JOINT FILLER	
						45					45	601	32100	45	CY	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER	
						56.25					56.25	606	15350	56.25	FT	GUARDRAIL, TYPE MGS WITH SOCKETED POSTS	

GENERAL SUMMARY

PRE-122-14.41 / 17.69

CALCULATED  
MDS  
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SHEET NUM.											PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
6	7	11	15	20	25	35	49	53	70		01/STR/B R		EXT	TOTAL			
											LS	202	11201	LS		STRUCTURE OVER 20 FOOT SPAN (PRE-122-1769)	
								114			114	202	22900	114	SY	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN	
											LS	503	11100	LS		APPROACH SLAB REMOVED	
								7			7	503	2100	7	CY	COFFERDAMS AND EXCAVATION BRACING	
								3,805			3,805	509	10000	3,805	LB	UNCLASSIFIED EXCAVATION	
								184			184	509	20001	184	LB	EPOXY COATED REINFORCING STEEL	
																REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN	
								184			184	510	10000	184	EACH	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	
								6			6	511	21521	6	CY	CLASS QC2 CONCRETE, SUPERSTRUCTURE, AS PER PLAN	
								16			16	511	44110	16	CY	CLASS QC1 CONCRETE, ABUTMENT NOT INCLUDING FOOTING	
								158			158	512	10100	158	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	
								753			753	512	10400	753	SY	TREATING OF CONCRETE BRIDGE DECK WITH SRS	
								21			21	512	33000	21	SY	TYPE 2 WATERPROOFING	
											LS	513	95020	LS		STRUCTURAL STEEL, MISC.: INTERMEDIATE CROSS FRAME REPLACEMENT	
											LS	513	95020	LS		STRUCTURAL STEEL, MISC.: MOMENT PLATE REPAIR	
											LS	514	27800	LS		FIELD PAINTING, MISC.: BEAM ENDS AND REPAIR	
								78			78	516	11211	78	FT	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN	
								10			10	516	44201	10	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN(14 1/2" X 14 1/2" X 3 3/8")	
								10			10	516	44301	10	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN(1'-0" X 10" X 4 5/8")	
											LS	516	47001	LS		JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN	
								411			411	517	75600	411	FT	DEEP BEAM BRIDGE RETROFIT RAILING	
								662			662	SPECIAL	51900100	662	SF	COMPOSITE FIBER WRAP SYSTEM	
								114			114	526	10000	114	SY	REINFORCED CONCRETE APPROACH SLABS (T=12")	
								76			76	526	90010	76	FT	TYPE A INSTALLATION	
								48			48	601	32110	48	CY	ROCK CHANNEL PROTECTION, TYPE B WITH AGGREGATE FILTER	
											LS	601	35100	LS		ROCK CHANNEL PROTECTION, MISC.: J-WEIR	
								236			236	844	10001	236	SF	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION, AS PER PLAN	
																MAINTENANCE OF TRAFFIC	
	200										200	202	23000	200	SY	PAVEMENT REMOVED	
	200										200	254	01000	200	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 1 1/2"	
	25										25	301	46000	25	CY	ASPHALT CONCRETE BASE, PG64-22	
	10										10	407	10000	10	GAL	TACK COAT	
	20										20	441	50000	20	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	
											LS	614	11000	LS		INCIDENTALS	
											LS	614	12420	LS		MAINTAINING TRAFFIC	
											LS	623	10000	LS		DETOUR SIGNING	
											LS	624	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
																MOBILIZATION	

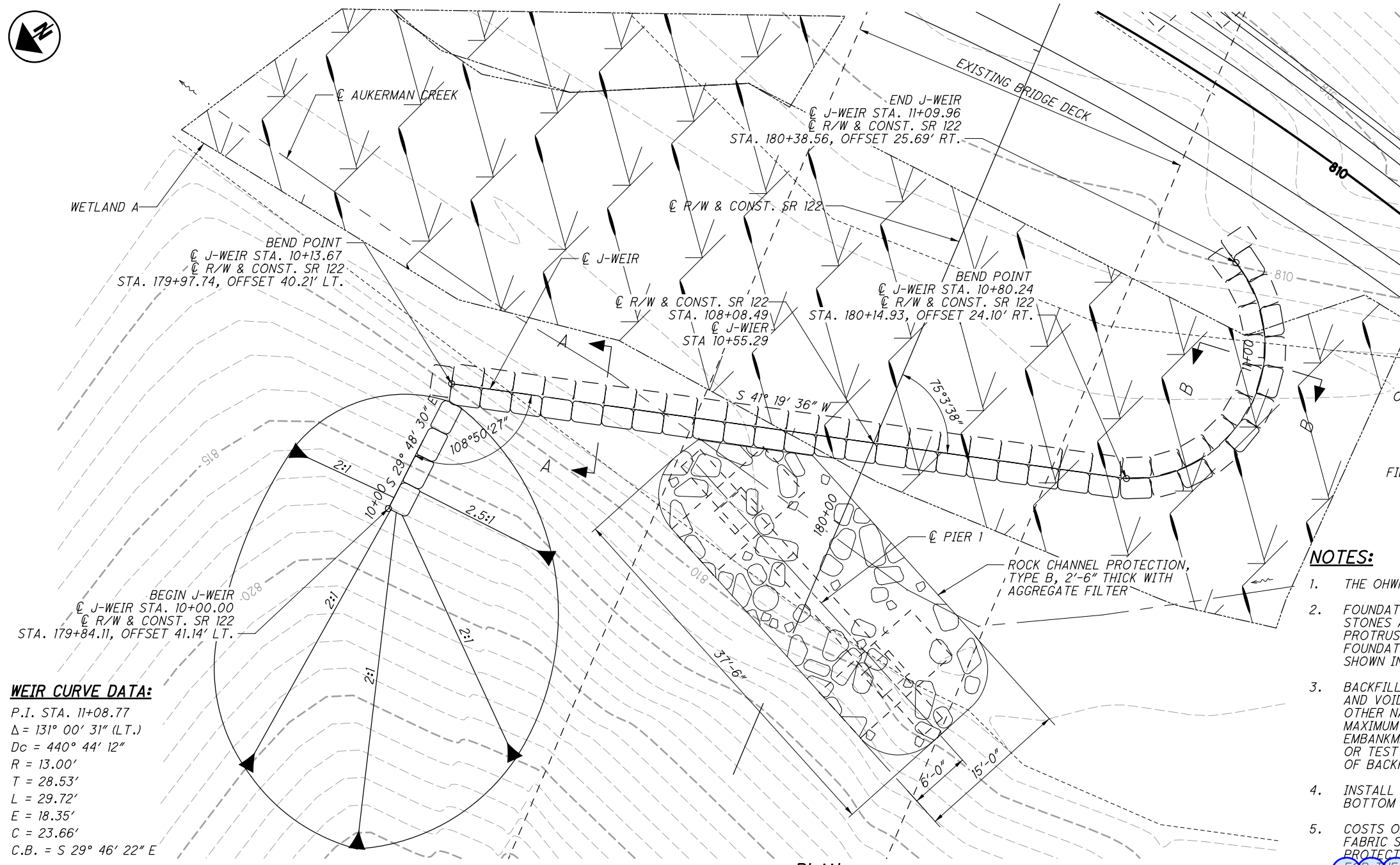
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**GENERAL SUMMARY**  
 PRE - 122 - 14.41 / 17.69  
 10  
 70

ESTIMATED QUANTITIES					CALC.	DATE	CHK'D	DATE
ITEM	UNIT	DESCRIPTION	ABUTMENT	PIER	JPC	7/21/2021	TTK	7/21/2021
					SUPERSTR.	GENERAL	TOTAL	SHT. REF.
202		PORTIONS OF STRUCTURE REMOVED, AS PER PLAN					LUMP	2 / 19
202	SY	APPROACH SLAB REMOVED				114	114	
503		COFFERDAMS AND EXCAVATION BRACING					LUMP	69 / 70
503	CY	UNCLASSIFIED EXCAVATION	7				7	
509	LB	EPOXY COATED REINFORCING STEEL	848		2,957		3,805	
509	LB	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN				184	184	2 / 19
510	EACH	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	184				184	
511	CY	CLASS QC2 CONCRETE, SUPERSTRUCTURE, AS PER PLAN			6		6	14 / 19
511	CY	CLASS QC1 CONCRETE, ABUTMENT NOT INCLUDING FOOTING	16				16	
512	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	29	129			158	
512	SY	TREATING OF CONCRETE BRIDGE DECK WITH SRS			753		753	
512	SY	TYPE 2 WATERPROOFING	21				21	
513		STRUCTURAL STEEL, MISC.: INTERMEDIATE CROSSFRAME REPLACEMENT					LUMP	11 / 19
513		STRUCTURAL STEEL, MISC.: MOMENT PLATE REPAIR					LUMP	11 / 19
514		FIELD PAINTING, MISC.: BEAM ENDS AND REPAIR					LUMP	2 / 19
516	FT	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN	78				78	17 / 19
516	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (14 1/2" x 14 1/2" x 3 3/8")	10				10	16 / 19
516	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (1'-0" x 10" x 4 5/8")		10			10	15 / 19
516		JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN					LUMP	2 / 19
517	FT	DEEP BEAM BRIDGE RETROFIT RAILING			411		411	
519	SF	SPECIAL - COMPOSITE FIBER WRAP SYSTEM		662			662	2 / 19
526	SY	REINFORCED CONCRETE APPROACH SLABS (T=12")				114	114	
526	FT	TYPE A INSTALLATION				76	76	
601	CY	ROCK CHANNEL PROTECTION, TYPE B WITH AGGREGATE FILTER		48			48	
601	LS	ROCK CHANNEL PROTECTION, MISC.: J-WEIR					LUMP	69 / 70
844	SF	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION, AS PER PLAN		236			236	2 / 19

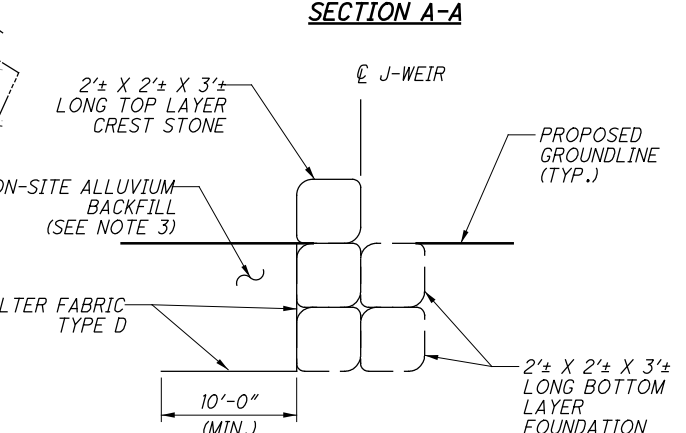
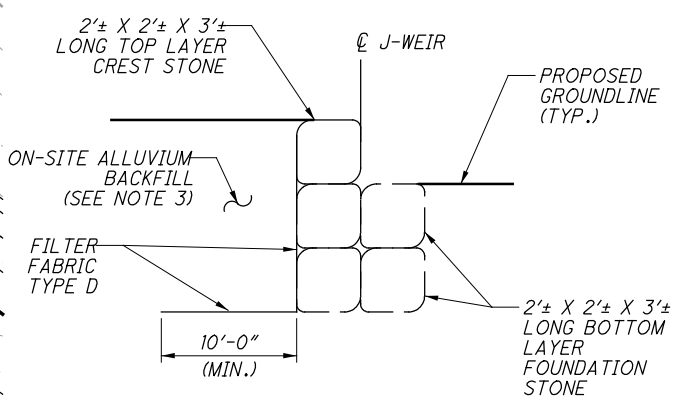
**STANDARD ABBREVIATION LIST:**

ADT = AVERAGE DAILY TRAFFIC  
 ADTT = AVERAGE DAILY TRUCK TRAFFIC  
 BOT. = BOTTOM  
 BRG. = BEARING  
 BTA = BRIDGE TERMINAL ASSEMBLY  
 C.J. = CONSTRUCTION JOINT  
 C/C = CENTER-TO-CENTER  
 CL = CENTERLINE  
 CLR. = CLEAR  
 CMS = CONSTRUCTION MATERIAL SPECIFICATIONS  
 CONST. = CONSTRUCTION  
 DL = DEAD LOAD  
 DIA. = DIAMETER  
 DWG. = DRAWING  
 E.F. = EACH FACE  
 EL. = ELEVATION  
 EX. = EXISTING  
 EXP. = EXPANSION  
 F.A. = FORWARD ABUTMENT  
 F.F. = FAR FACE  
 F/F = FACE-TO-FACE

HW = HIGHWATER  
 LS = LUMP SUM  
 LT. = LEFT  
 MIN. = MINIMUM  
 O/O = OUT-TO-OUT  
 PEJF = PREFORMED EXPANSION JOINT FILLER  
 PT. = POINT  
 P.V.I. = POINT VERTICAL INTERSECTION  
 Q = FLOW  
 R.A. = REAR ABUTMENT  
 RT. = RIGHT  
 R/W = RIGHT-OF-WAY  
 SF = SQUARE FEET  
 SHLD. = SHOULDER  
 S.O. = SERIES OF  
 SPA. = SPACES  
 SQ. = SQUARE  
 STA. = STATION  
 STD. = STANDARD  
 TYP. = TYPICAL  
 V = VELOCITY

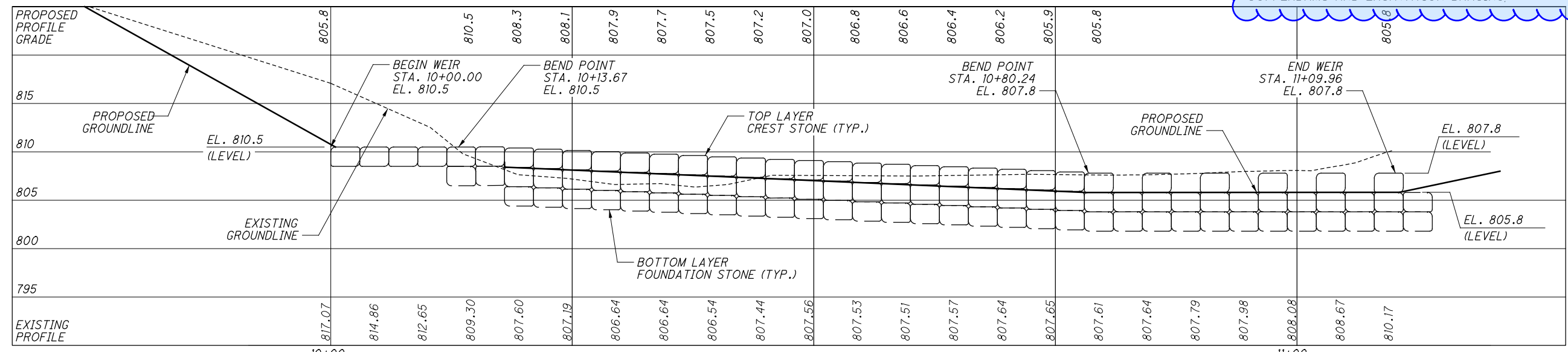


**WEIR CURVE DATA:**  
 P.I. STA. 11+08.77  
 $\Delta = 131^\circ 00' 31''$  (LT.)  
 $D_c = 440^\circ 44' 12''$   
 $R = 13.00'$   
 $T = 28.53'$   
 $L = 29.72'$   
 $E = 18.35'$   
 $C = 23.66'$   
 C.B. = S 29° 46' 22" E



**NOTES:**

1. THE OHWM ELEVATION IS 810.50±.
2. FOUNDATION STONES PLACED TO PROVIDE FOUNDATION FOR THE CREST STONES ALONG THE J-WEIR, FOR A DEPTH OF AT LEAST TWO TIMES THE PROTRUSION HEIGHT. THE CREST STONES SHALL BE SUPPORTED BY THE FOUNDATION STONES WITH THE CREST STONES SET TO THE ELEVATIONS SHOWN IN THE PROFILE VIEW.
3. BACKFILL THE EXCAVATION FOR THE FOUNDATION STONES AND FILL GAPS AND VOIDS BETWEEN THE FOUNDATION ROCKS WITH ON-SITE ALLUVIUM OR OTHER NATURAL SOIL FROM PROJECT EXCAVATION. PLACE THE BACKFILL IN MAXIMUM 8 INCH LOOSE LIFTS AND COMPACT ACCORDING TO ITEM 203 EMBANKMENT, AT 98% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY OR TEST SECTION MAXIMUM. PERFORM COMPACTION TESTING ON EACH LIFT OF BACKFILL PLACED.
4. INSTALL THE FILTER FABRIC FROM THE PROPOSED GROUNDLINE TO THE BOTTOM OF THE FOUNDATION STONE THEN 10' MINIMUM UPSTREAM.
5. COSTS OF EXCAVATION AND BACKFILL FOR J-WEIR, STONES, AND FILTER FABRIC SHALL BE INCLUDED IN WITH PAY ITEM 601 - ROCK CHANNEL PROTECTION, MISC: J-WEIR, TEMPORARY BRACING OR DEWATERING FOR THE J-WEIR INSTALLATION SHALL BE INCLUDED IN PAY ITEM 503 - COFFERDAMS AND EXCAVATION BRACING.



DESIGN AGENCY: fishbeck  
 DATE: 9/2/20  
 REVIEWED: JBD  
 DRAWN: JMK  
 DESIGNED: PWS  
 CHECKED: JPC  
 STRUCTURE FILE NUMBER: 6802168  
 J-WEIR PLAN AND PROFILE  
 BRIDGE NO. PRE-122-1769  
 SR 122 OVER AUKERMAN CREEK  
 PRE-122-14.41 / 17.69  
 PID No. 102767  
 1 / 1  
 69 / 70