

Locations and Treatments								
Location	County	Route	Bridge No.	SFN	Latitude	Longitude	Description	Proposed Treatments
1	COS	SR 60	COS-60-20.07	1601059	40.365508	-81.986958	SR 60 OVER KILLBUCK CREEK	PATCH DECK, SEAL WITH HMWM
2	COS	SR 60	COS-60-24.17	1601091	40.401228	-81.964675	SR 60 OVER KILLBUCK CREEK	PATCH DECK AND DECK EDGES, SEAL WITH HMWM. PATCH PIERS.
3	COS	SR 60	COS-60-26.87	1601148	40.435924	-81.966265	SR 60 OVER KILLBUCK CREEK	PATCH DECK AND DECK EDGES, SEAL WITH HMWM.
4	COS	SR 93	COS-93-14.66	1602071	40.330814	-81.742700	SR 93 OVER WHITE EYES CREEK	PATCH DECK, SEAL WITH HMWM.
5	COS	SR 93	COS-93-15.76	1602102	40.342689	-81.731114	SR 93 OVER TRIB OF WHITE EYES CREEK	PATCH DECK, SEAL WITH HMWM.
6	COS	SR 541	COS-541-29.18	1602527	40.220902	-81.733493	SR 541 OVER TRIB OF BACON RUN	PATCH DECK, SEAL WITH HMWM.

**DESIGN DESIGNATION- LOCATION 1, 2, & 3  
BETHLEHEM AND CLARK TOWNSHIPS**

CURRENT ADT (2025) ..... 500  
 DIRECTIONAL DISTRIBUTION ..... 68%  
 TRUCKS (24 HOUR B&C) ..... 50  
 LEGAL SPEED ..... 55  
 DESIGN FUNCTIONAL CLASSIFICATION: RURAL MAJOR COLLECTOR

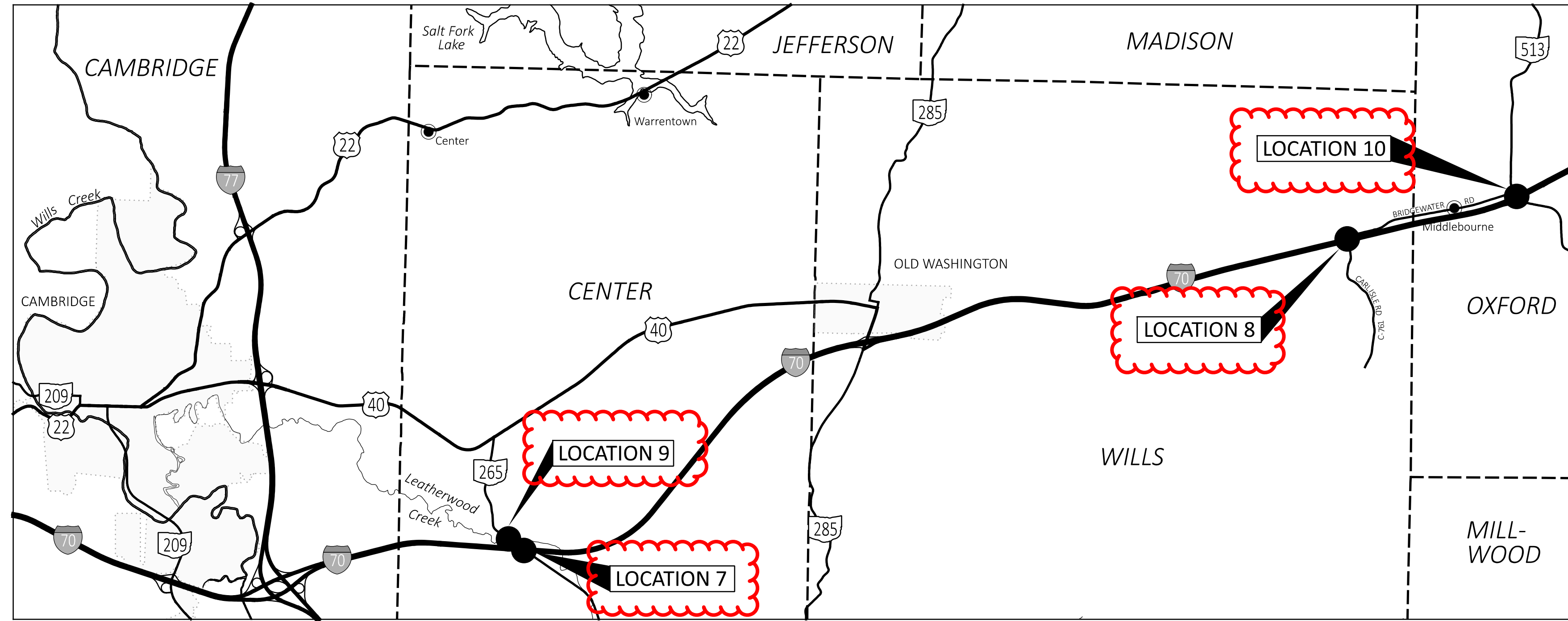
**DESIGN DESIGNATION- LOCATION 4 & 5  
WHITE EYES AND CRAWFORD TOWNSHIPS**

CURRENT ADT (2025) ..... 1,600  
 DIRECTIONAL DISTRIBUTION ..... 62%  
 TRUCKS (24 HOUR B&C) ..... 240  
 LEGAL SPEED ..... 55  
 DESIGN FUNCTIONAL CLASSIFICATION: RURAL MAJOR COLLECTOR

**DESIGN DESIGNATION- LOCATION 6  
LINTON TOWNSHIP**

CURRENT ADT (2025) ..... 700  
 DIRECTIONAL DISTRIBUTION ..... 62%  
 TRUCKS (24 HOUR B&C) ..... 70  
 LEGAL SPEED ..... 55  
 DESIGN FUNCTIONAL CLASSIFICATION: RURAL MAJOR COLLECTOR





**DESIGN DESIGNATION - LOCATION 7**  
**CENTER TOWNSHIP**

CURRENT ADT (2025) ..... 31,000  
 DIRECTIONAL DISTRIBUTION ..... 52%  
 TRUCKS (24 HOUR B&C) ..... 11,780  
 LEGAL SPEED ..... 70  
 DESIGN FUNCTIONAL CLASSIFICATION: RURAL INTERSTATE

**DESIGN DESIGNATION - LOCATION 8**  
**WILLS TOWNSHIP**

CURRENT ADT (2025) ..... 30,500  
 DIRECTIONAL DISTRIBUTION ..... 53%  
 TRUCKS (24 HOUR B&C) ..... 11,590  
 LEGAL SPEED ..... 70  
 DESIGN FUNCTIONAL CLASSIFICATION: RURAL INTERSTATE

**DESIGN DESIGNATION - LOCATION 9**  
**CENTER TOWNSHIP**

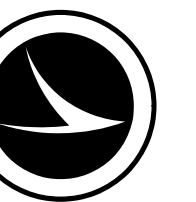
CURRENT ADT (2025) ..... 1,400  
 DIRECTIONAL DISTRIBUTION ..... 81%  
 TRUCKS (24 HOUR B&C) ..... 140  
 LEGAL SPEED ..... 55  
 DESIGN FUNCTIONAL CLASSIFICATION: RURAL MAJOR COLLECTOR

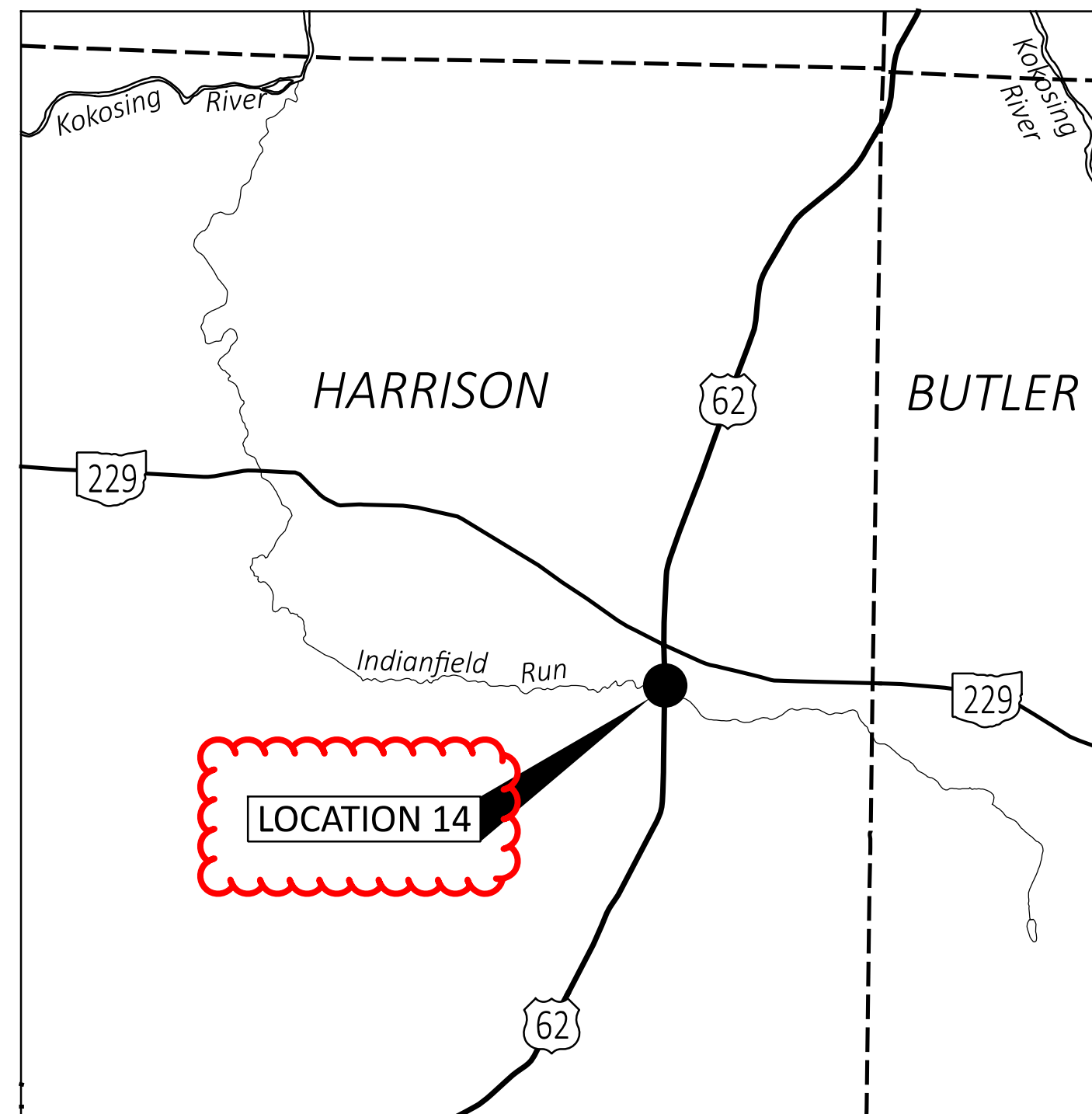
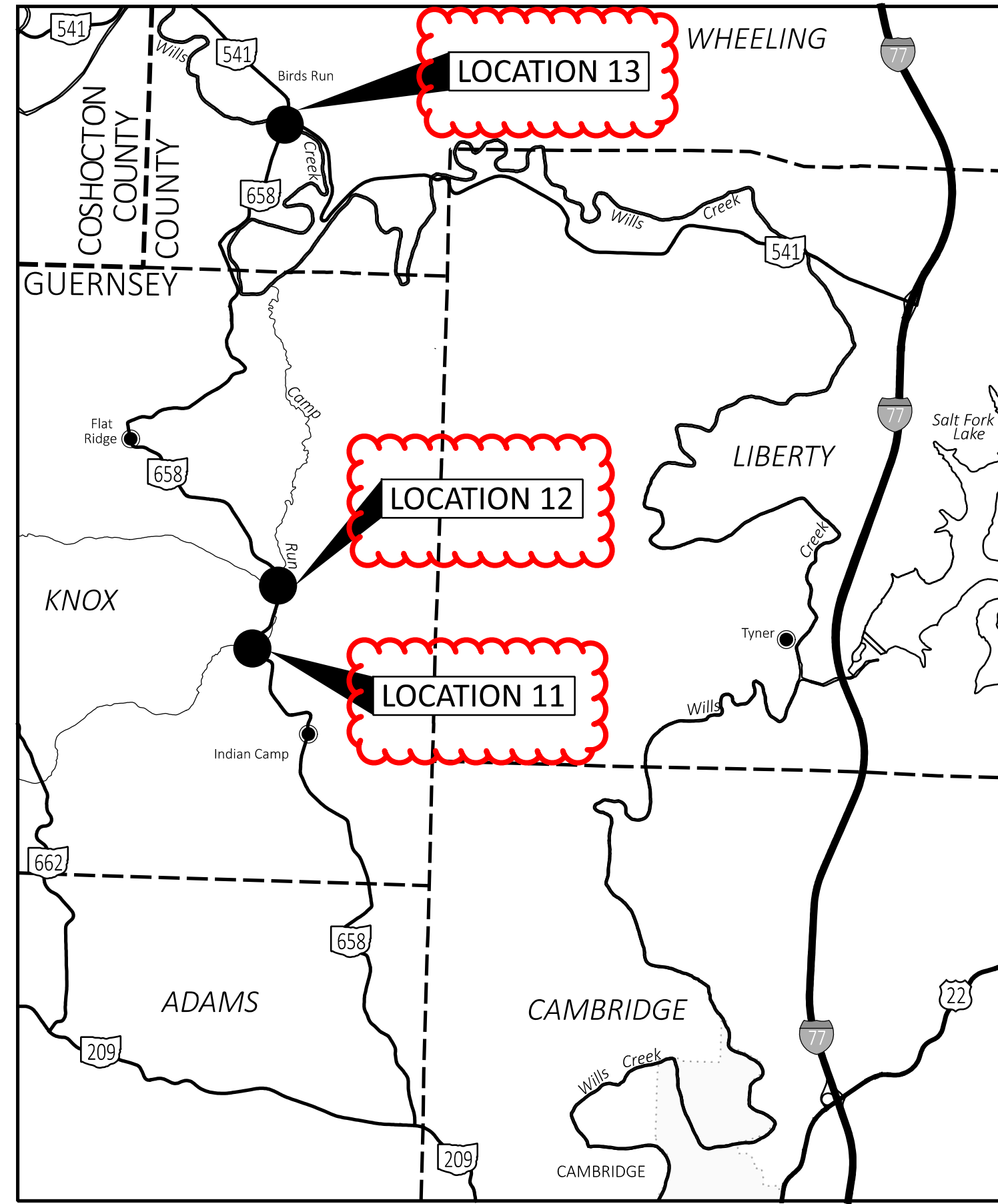
**DESIGN DESIGNATION - LOCATION 10**  
**OXFORD TOWNSHIP**

CURRENT ADT (2025) ..... 700  
 DIRECTIONAL DISTRIBUTION ..... 61%  
 TRUCKS (24 HOUR B&C) ..... 35  
 LEGAL SPEED ..... 55  
 DESIGN FUNCTIONAL CLASSIFICATION: RURAL MAJOR COLLECTOR

**Locations and Treatments**

Location	County	Route	Bridge No.	SFN	Latitude	Longitude	Description	Proposed Treatments
7	GUE	IR 70	GUE-70-12.32 L	3001474	40.003580	-81.513321	IR 70 WB OVER SR 265	PATCH PIER CAP ON PIER 1 AT BEAM 5.
8	GUE	IR 70	GUE-70-21.53	3002047	40.046341	-81.356679	CARLISLE RD (CR 761) OVER IR 70	PATCH DECK AND APPROACH SLABS, SEAL WITH HMWM.
9	GUE	SR 265	GUE-265-1.08	3004481	40.004931	-81.514997	SR 265 OVER LEATHERWOOD CR	PATCH DECK AND APPROACH SLABS, SEAL WITH HMWM. REPLACE JOINT SEALER AT APPROACH SLABS.
10	GUE	SR 513	GUE-513-8.71	3005887	40.052347	-81.324383	SR 513 OVER IR 70	PATCH DECK AND APPROACH SLABS, SEAL WITH HMWM.





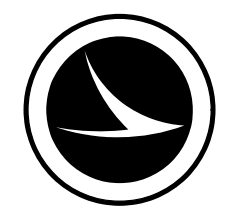
Locations and Treatments								
Location	County	Route	Bridge No.	SFN	Latitude	Longitude	Description	Proposed Treatments
11	GUE	SR 658	GUE-658-4.89	3006328	40.104883	-81.654817	SR 658 OVER INDIAN CAMP RUN	PATCH DECK AND APPROACH SLABS, SEAL WITH HMWM. REPLACE JOINT SEALER AT APPROACH SLABS.
12	GUE	SR 658	GUE-658-5.46	3006344	40.111933	-81.650325	SR 658 OVER DRY RUN CREEK	PATCH DECK AND APPROACH SLABS, SEAL WITH HMWM. REPLACE JOINT SEALER AT APPROACH SLABS.
13	GUE	SR 658	GUE-658-10.99	3006395	40.167946	-81.648681	SR 658 OVER WILLS CREEK	SEAL WITH HMWM
14	KNO	US 62	KNO-62-10.28	4202082	40.343400	-82.301400	US 62 OVER INDIANFIELD RUN	PATCH DECK AND APPROACH SLABS, SEAL WITH HMWM. REPAIR POLYMER-MODIFIED EXPANSION JOINT

**DESIGN DESIGNATION - LOCATION 11, 12, & 13  
KNOX AND WHEELING TOWNSHIPS**

CURRENT ADT (2025) ..... 250  
 DIRECTIONAL DISTRIBUTION ..... 73%  
 TRUCKS (24 HOUR B&C) ..... 20  
 LEGAL SPEED ..... 55  
 DESIGN FUNCTIONAL CLASSIFICATION: RURAL MAJOR COLLECTOR

**DESIGN DESIGNATION - LOCATION 14  
HARRISON TOWNSHIP**

CURRENT ADT (2025) ..... 2,700  
 DIRECTIONAL DISTRIBUTION ..... 65%  
 TRUCKS (24 HOUR B&C) ..... 243  
 LEGAL SPEED ..... 55  
 DESIGN FUNCTIONAL CLASSIFICATION: RURAL MAJOR COLLECTOR



**CONSTRUCTION NOTIFICATION**

THE CONTRACTOR WILL ADVISE THE PROJECT ENGINEER A MINIMUM OF TWENTY ONE (21) DAYS PRIOR TO THE FOLLOWING: THE START OF CONSTRUCTION ACTIVITIES, LANE RESTRICTIONS, LANE CLOSURES, AND/OR ROAD CLOSURES. THE PROJECT ENGINEER WILL FORWARD THIS INFORMATION TO THE FOLLOWING:

DISTRICT PUBLIC INFORMATION OFFICER (PIO) BY FAX AT (614) 887-4510 OR EMAIL AT: D05.PIO@dot.state.oh.us

DISTRICT PERMIT SECTION BY FAX AT (614) 887-4525 OR EMAIL AT: brian.bosch@dot.state.oh.us

CENTRAL OFFICE SPECIAL HAUL PERMITS SECTION BY FAX AT (614) 728-4099 OR EMAIL AT: hauling.permits@dot.state.oh.us

THE PIO WILL, IN TURN, NOTIFY THE PUBLIC, THE LOCAL EMERGENCY SERVICES, AFFECTED SCHOOLS AND BUSINESSES, AND ANY OTHER IMPACTED LOCAL PUBLIC AGENCY OF ANY OF THE ABOVE MENTIONED ITEMS, VIA MEDIA SOURCES

**UTILITY OWNERSHIP**

UTILITY CONFLICTS NOT EXPECTED AND LOCATIONS NOT SURVEYED. USE CAUTION AROUND AERIAL UTILITIES AND UTILIZE "CALL BEFORE YOU DIG" PRIOR TO ANY EXCAVATION.

**GENERAL PROVISIONS**

THE CONTRACTOR'S ATTENTION IS CALLED TO ALL OF SECTION 100 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS OF THE OHIO DEPARTMENT OF TRANSPORTATION.

**MOBILIZATION**

THE CONTRACTOR SHALL ON ANY CONTRACT FOR WHICH HIS BID EXCEEDS \$50,000.00 INCLUDE AN AMOUNT TO COVER ANY APPLICABLE EXPENDITURES REFERRED TO UNDER ITEM 624 OF THE 2023 CONSTRUCTION AND MATERIAL SPECIFICATIONS. PAYMENT SHALL BE THE LUMP SUM BID PRICE FOR ITEM 624, MOBILIZATION.

**WORK LIMITS**

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

**CONTINGENCY QUANTITIES**

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR ITEMS DESIGNATED BY PLAN NOTE TO BE USED "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED FOR SUCH ITEMS SHALL BE INCORPORATED INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

**REMOVED MATERIALS**

ALL REMOVED MATERIALS EXCEPT AS NOTED ELSEWHERE IN THE PLANS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED BY THE CONTRACTOR FROM THE JOB SITE.

**CLEARING AND GRUBBING**

ALTHOUGH THERE ARE NO TREES OR STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE LIMITS OF THE PROJECT, A LUMP SUM QUANTITY IS INCLUDED IN THE GENERAL SUMMARY FOR ITEM 201 CLEARING AND GRUBBING. ALL PROVISIONS AS SET FORTH IN THE SPECIFICATIONS UNDER THIS ITEM ARE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201 CLEARING AND GRUBBING.

**ENVIRONMENTAL NOTE**

SEVERAL STRUCTURES IN THE PROJECT AREA INVOLVE WORK OVER RIVERS OR STREAMS. ALL WORK IS PROHIBITED TO OCCUR BELOW THE OHWM IN RIVERS/STREAMS THAT FLOW UNDER THE STRUCTURES, AND NO TEMPORARY OR PERMANENT FILL MATERIALS MAY ENTER ANY WATERWAY DURING CONSTRUCTION. IF DEBRIS ENTERS THE WATERWAY DURING CONSTRUCTION, REMOVE THE DEBRIS IMMEDIATELY USING EQUIPMENT STAGED OUTSIDE THE JURISDICTIONAL BOUNDARY OF THE WATERWAY. ALL BRIDGE SCUPPERS SHALL BE COVERED, AT THE APPROVAL OF THE ENGINEER, FOR ANY WORK TAKING PLACE ON AND/OR ADJACENT TO THE STRUCTURES.

**INSPECTION FOR BATS AND NESTING BIRDS**

PRIOR TO THE START OF DEMOLITION ACTIVITIES THE CONTRACTOR SHALL INSPECT THE UNDERSIDE OF THE BRIDGE FOR THE PRESENCE OF BATS AND/OR NESTING BIRDS. IF ANY BATS OR NESTING BIRDS ARE OBSERVED THE CONTRACTOR SHALL NOTIFY THE DISTRICT 5 PLANNING DEPARTMENT: NICOLE HAFER-LIPSTREU @ (740) 323-5103 (NICOLE.HAFERLIPSTREU@DOT.OHIO.GOV), OR BRIAN TATMAN @ (740) 323-5191 (BRIAN.TATMAN@DOT.OHIO.GOV) PRIOR TO STARTING ANY DEMOLITION WORK.

**ENDANGERED BAT HABITAT REMOVAL**

THIS PROJECT IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT AND NORTHERN LONG-EARED BAT. NO TREES SHALL BE REMOVED UNDER THIS PROJECT FROM APRIL 1 THROUGH SEPTEMBER 30. ALL NECESSARY TREE REMOVAL SHALL OCCUR FROM OCTOBER 1 THROUGH MARCH 31. THIS REQUIREMENT IS NECESSARY TO AVOID AND MINIMIZE IMPACTS TO THESE SPECIES AS REQUIRED BY THE ENDANGERED SPECIES ACT. FOR THE PURPOSES OF THIS NOTE, A TREE IS DEFINED AS A LIVE, DYING, OR DEAD WOODY PLANT WITH A TRUNK 3" OR GREATER IN DIAMETER AT A HEIGHT OF 4.5 FEET ABOVE THE GROUND SURFACE, WITH A MINIMUM HEIGHT OF 13 FEET. THE CONTRACTOR SHALL REMOVE ONLY THE TREES NECESSARY TO COMPLETE THE PROJECT.

**CONTRACTOR COORDINATION**

THE CONTRACTOR FOR THIS PROJECT SHALL COORDINATE WITH THE CONTRACTOR FOR RESURFACING PROJECT COS/GUE-93/541/658-VAR (PID 114386, PROJECT NUMBER 25-0491). THAT PROJECT MAY BE CONSTRUCTED CONCURRENTLY WITH THIS PROJECT AND COULD AFFECT MAINTENANCE OF TRAFFIC FOR WORK ON THE GUE-658 BRIDGES.

THE CONTRACTOR FOR THIS PROJECT SHALL COORDINATE WITH THE CONTRACTOR FOR FLAT SHEET SIGN REPLACEMENT PROJECT GUE-FLAT SHEET SIGNS 2026 (PID 115713, PROJECT NUMBER 25-0483). THAT PROJECT MAY BE CONSTRUCTED CONCURRENTLY WITH THIS PROJECT AND COULD AFFECT MAINTENANCE OF TRAFFIC FOR WORK ON THE GUERNSEY COUNTY BRIDGES.

THE CONTRACTOR FOR THIS PROJECT SHALL COORDINATE WITH THE CONTRACTOR FOR RESURFACING PROJECT GUE-70-12.32 (PID 122215, PROJECT NUMBER 25-0410). THAT PROJECT MAY BE CONSTRUCTED CONCURRENTLY WITH THIS PROJECT AND COULD AFFECT MAINTENANCE OF TRAFFIC FOR WORK ON THE GUE-70-12.32 L&R BRIDGES.

THE CONTRACTOR FOR THIS PROJECT SHALL COORDINATE WITH THE CONTRACTOR FOR RESURFACING PROJECT GUE-146/265/821-VAR (PID 81228). THE PAVEMENT REPAIRS ON SR 265 MAY BE CONSTRUCTED CONCURRENTLY WITH THIS PROJECT AND COULD AFFECT MAINTENANCE OF TRAFFIC FOR WORK ON THE GUE-265-1.08 BRIDGE.

**DESIGN DATA**

CONCRETE CLASS QC2 - COMPRESSIVE STRENGTH 4.5 KSI  
CONCRETE CLASS QC1 - COMPRESSIVE STRENGTH 4.0 KSI  
REINFORCING STEEL - ASTM A615 OR A996, GRADE 60, MINIMUM YIELD STRENGTH 60 KSI

**EXISTING STRUCTURE VERIFICATION**

DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING STRUCTURE HAVE BEEN OBTAINED FROM PLANS OF THE EXISTING STRUCTURE AND FROM FIELD OBSERVATIONS AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE EXISTING STRUCTURE AND THE PROPOSED WORK BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERRED TO CMS SECTIONS 102.05, 105.02 AND 513.04.

BASE CONTRACT BID PRICES UPON A RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PREBID EXAMINATION OF THE EXISTING STRUCTURE. HOWEVER, THE DEPARTMENT WILL PAY FOR ALL PROJECT WORK BASED UPON ACTUAL DETAILS AND DIMENSIONS THAT HAVE BEEN VERIFIED IN THE FIELD.

**REFERENCE**

EXISTING BRIDGE PLANS MAY BE INSPECTED AND ARE PROVIDED WITH THIS PROJECT'S BIDDING DOCUMENTS.

**STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS:**

REFER TO THE FOLLOWING STANDARD BRIDGE DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS:

SS 846 DATED: 04-17-15

Removed RB-1-55

**1 ITEM 202 - REMOVAL MISC: POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM**

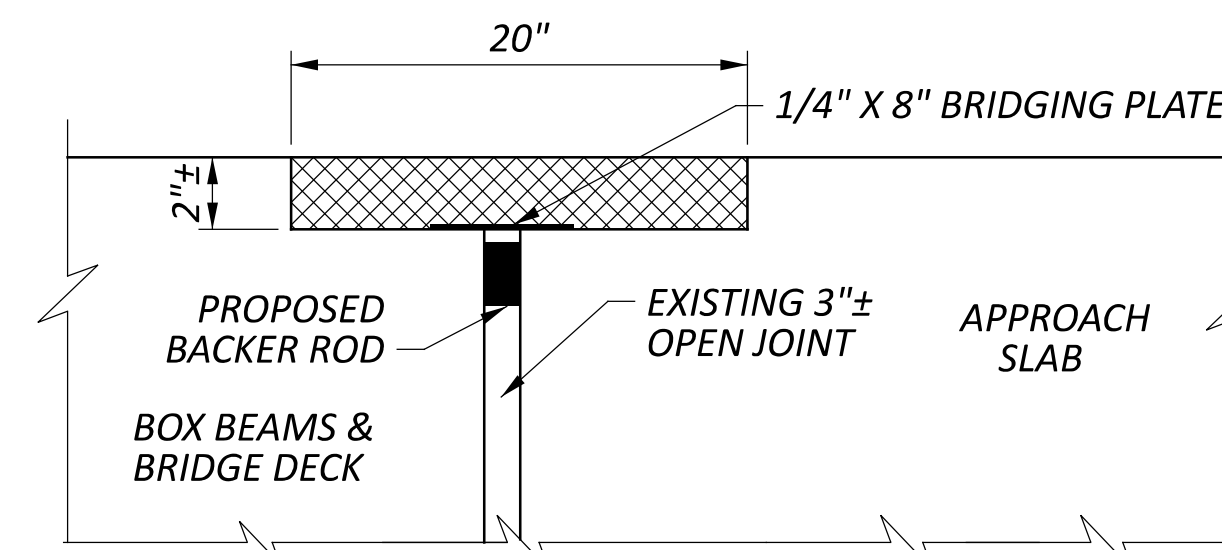
THIS WORK CONSISTS OF THE REMOVAL OF DETERIORATED SECTIONS OF THE EXISTING POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM. THE PROVISIONS OF ITEM 202 APPLY EXCEPT AS SPECIFIED IN THE FOLLOWING NOTES:

PERFORM WORK CAREFULLY DURING REMOVALS TO PROTECT PORTIONS OF SUCH SYSTEMS THAT ARE TO BE SALVAGED I.E. EXISTING BRIDGE DECK, AND APPROACH SLAB. CHIPPING HAMMERS SHALL NOT BE HEAVIER THAN THE NOMINAL 85-POUND CLASS. SUBMIT CONSTRUCTION PLANS ACCORDING TO CMS 501.05.

THE DEPARTMENT WILL MEASURE QUANTITY OF REMOVALS ON A CUBIC FOOT BASIS. THE DEPARTMENT WILL PAY FOR THE ACCEPTED QUANTITIES OF REMOVALS AT THE CONTRACT PRICE FOR ITEM 202 - REMOVAL MISC: POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM.

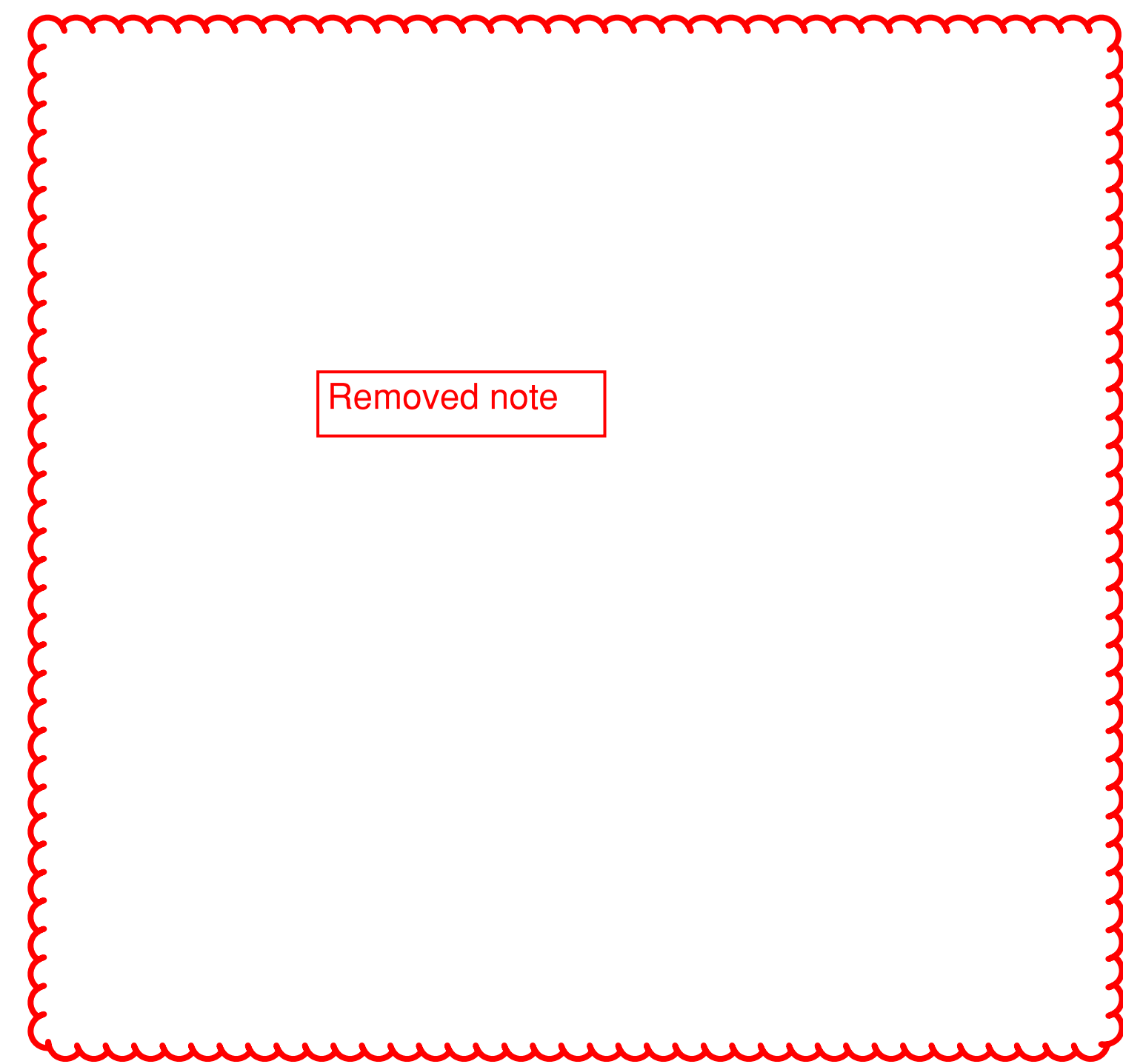
**1 ITEM 846 - POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM**

SEE SUPPLEMENTAL SPECIFICATION 846 FOR DETAILS



**2 ITEM 512 - SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN, AS PER PLAN**

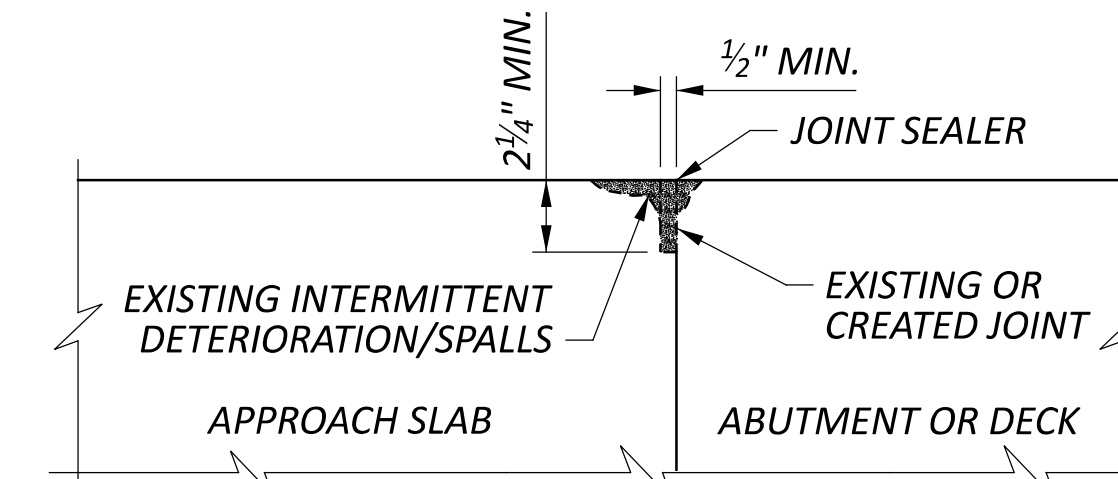
THIS WORK CONSISTS OF SEALING CONCRETE DECKS WITH HMWM RESIN AS PER CMS 512.04 AND 705.15. THE CONTRACTOR SHALL ENSURE ALL DIRT AND DEBRIS IS CLEARED FROM THE BRIDGE AND EXPANSION JOINTS PRIOR TO SEALING. PERMANENT PAVEMENT MARKINGS AND EXISTING COATING DO NOT NEED TO BE REMOVED PRIOR TO SEALING THE BRIDGE DECK. PERMANENT PAVEMENT MARKINGS WILL BE REMOVED DURING THE PREP FOR PERMANENT PAVEMENT MARKINGS. ALL OTHER REPAIR WORK SHALL BE DONE PRIOR TO SEALING THE BRIDGE DECK. THE CONTRACTOR SHALL ENSURE THAT THE SEALER IS NOT APPLIED TO THE EXPANSION JOINTS OF THE BRIDGE. THE ABOVE WORK SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR ITEM 512 - SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN, AS PER PLAN.



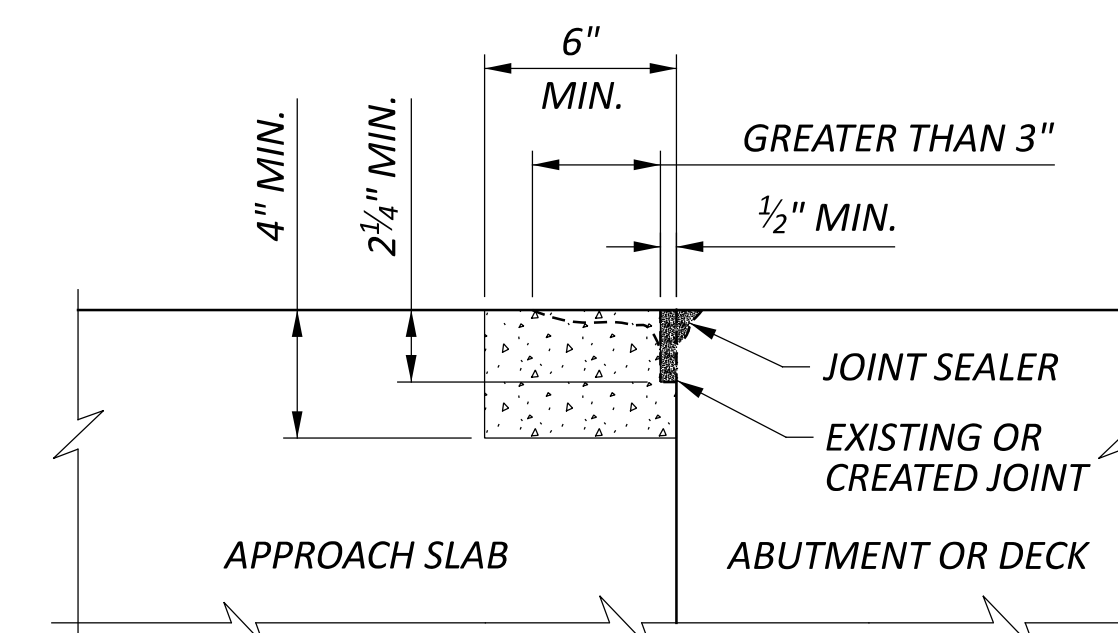
Removed note

**3 ITEM 516 - 2" DEEP JOINT SEALER, AS PER PLAN**

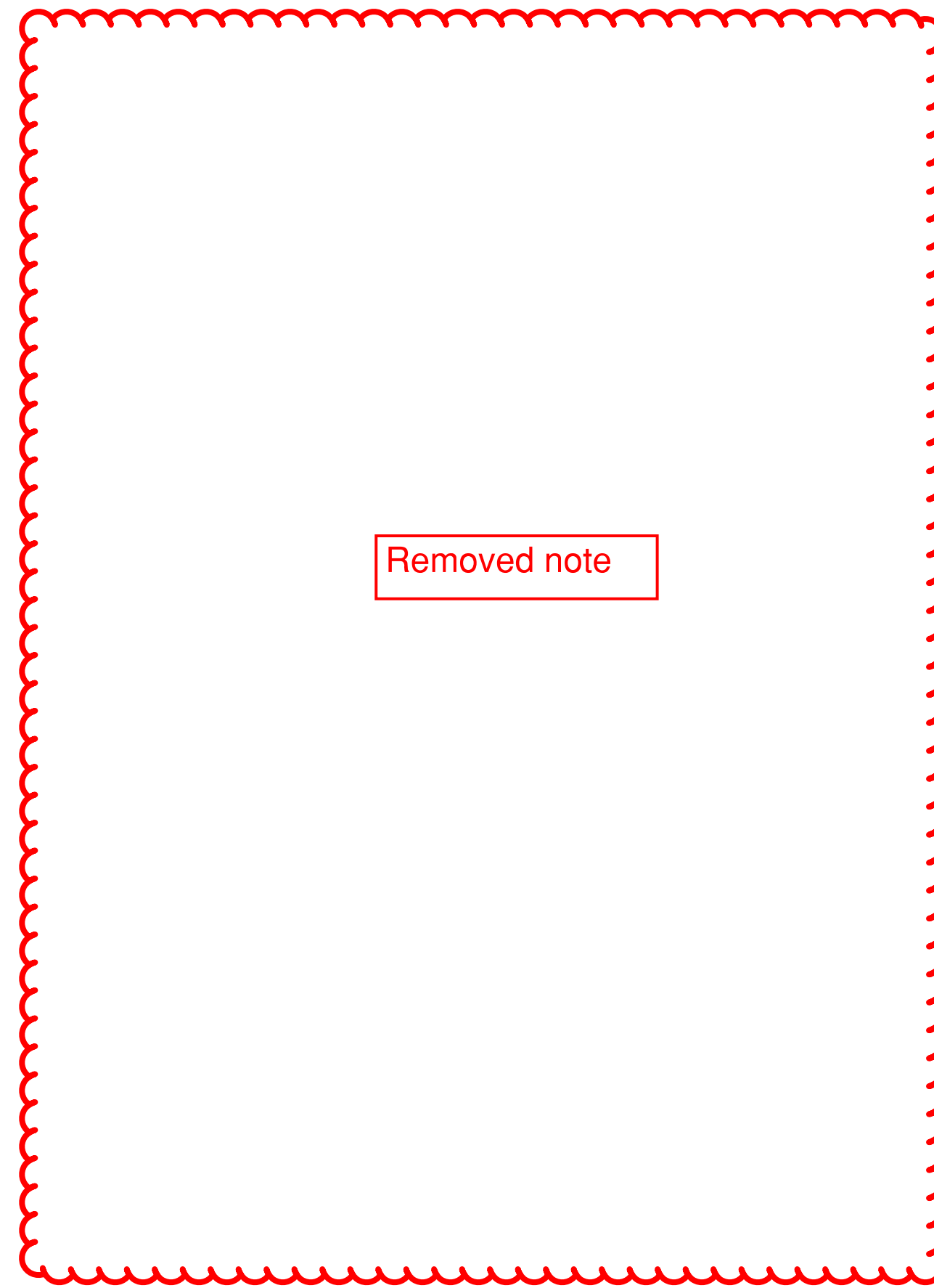
PERFORM THE FOLLOWING WORK AFTER ALL SEALING HAS BEEN PERFORMED ON THE BRIDGE DECK. FOR THE LOCATIONS PROVIDED REMOVE ANY COMPRESSION SEAL, FOREIGN MATERIAL, AND DEBRIS FROM THE EXISTING JOINT BETWEEN THE APPROACH SLAB AND ABUTMENT BACKWALL. IF ONLY A SAWCUT EXISTS AT THIS LOCATION, PERFORM A NEW SAWCUT TO ESTABLISH A 1/2" WIDE BY 2 1/4" DEEP JOINT ALONG THIS INTERFACE. ONCE THE JOINT HAS BEEN OPENED OR CREATED, AIRBLAST THOROUGHLY PRIOR TO PLACEMENT OF HOT APPLIED JOINT SEALER AS PER 705.04 AS DIRECTED BY THE ENGINEER. PAYMENT FOR ALL LABOR, EQUIPMENT, AND MATERIALS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 516 - 2" JOINT SEALER, AS PER PLAN (B).



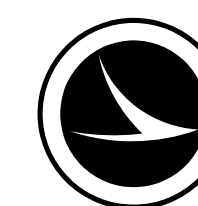
ABUTMENT SECTION FOR JOINT SEALER ONLY



ABUTMENT SECTION FOR PATCHING CONCRETE AND JOINT SEALER



Removed note



4

**ITEM 519 - PATCHING BRIDGE DECKS, TYPE B**

THIS ITEM SHALL CONFORM TO PROPOSAL NOTE 512 ALONG WITH THE FOLLOWING REQUIREMENTS.

ALL BRIDGE DECK PATCHING SHALL USE COMMERCIAL GRADE QUIKCRETE FAST SET DOT MIX EXTENDED OR APPROVED EQUAL. THE MATERIAL SHALL BE PLACED AT A MINIMUM DEPTH OF **FOUR (4) INCHES (OR MORE IF NEEDED TO EXPOSE THE TOP MAT OF REINFORCING STEEL FOR ADEQUATE CONCRETE-TO-STEEL BOND)** AND CURED PER MANUFACTURES RECOMMENDATIONS.

**FOR LOCATIONS WITH PERMITTED LANE CLOSURE RESTRICTIONS:** THE CONTRACTOR SHALL CONTINUE THE WET CURE FOR THE MAXIMUM NUMBER OF HOURS POSSIBLE DURING THE PERMITTED LANE CLOSURE. TRAFFIC WILL NOT BE PERMITTED ON THE FINISHED CONCRETE SURFACE UNTIL AFTER TWO TEST BEAMS HAVE ATTAINED AN AVERAGE MODULUS OF RUPTURE OF **400 PSI**. ONE HOUR BEFORE THE PERMITTED LANE CLOSURE PERIOD ENDS, CONTRACTOR SHALL DRY THE NEW CONCRETE SURFACE AND APPLY A MEMBRANE CURING COMPOUND. DRYING METHODS INTRODUCING EXTERNAL HEAT (I.E. WEED BURNERS, TORCHES) WILL NOT BE PERMITTED.

ALL LOCATIONS AND DIMENSIONS WILL BE DETERMINED BY THE ENGINEER. THE INTENT OF THE WORK IS TO CORRECT HEAVILY DETERIORATED SURFACE ZONES (I.E. FAILED CONCRETE/ASPHALT PATCHES, MAP-CRACKED DETERIORATED AREAS, SPALLED/OPEN POTHOLES, ETC.) AND NOT TO CORRECT ALL UNSOUND AREAS OF THE BRIDGE DECK/ OVERLAY AND APPROACH SLABS.

PAYMENT FOR ALL OF THE ABOVE DESCRIBED LABOR, EQUIPMENT AND MATERIAL WILL BE MADE AT THE CONTRACT PRICE BID FOR ITEM 519 - PATCHING CONCRETE BRIDGE DECKS, TYPE B.

Removed note

5

**ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (DECK EDGES)**

REMOVAL OF UNSOUND CONCRETE SHALL BE PERFORMED AS SPECIFIED IN CMS 519.03. CONCRETE SHALL BE REMOVED AND REPLACED AT A **DEPTH OF 6"**. PATCHING LOCATIONS SHALL BE VERIFIED AND PERFORMED AS DIRECTED BY THE ENGINEER.

THE DEPARTMENT WILL MEASURE THE QUANTITY OF WORK ON A SQUARE FOOT BASIS AND INCLUDE ALL MATERIALS, TOOLS, LABOR, EQUIPMENT, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK FOR PAYMENT WITH ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (DECK EDGES).

6

**ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (PIERS)**

REMOVAL OF UNSOUND CONCRETE SHALL BE PERFORMED AS SPECIFIED IN CMS 519.03. CONCRETE SHALL BE REMOVED AND REPLACED AT A **DEPTH OF 6"**. PATCHING LOCATIONS SHALL BE VERIFIED AND PERFORMED AS DIRECTED BY THE ENGINEER.

THE DEPARTMENT WILL MEASURE THE QUANTITY OF WORK ON A SQUARE FOOT BASIS AND INCLUDE ALL MATERIALS, TOOLS, LABOR, EQUIPMENT, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK FOR PAYMENT WITH ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (PIERS).

DESIGN AGENCY



DESIGNER

JKS

REVIEWER

JKS 03/06/26

PROJECT ID

124389

SHEET TOTAL

P.6 | 40

**ITEM 614 - MAINTAINING TRAFFIC**

TWO-WAY TRAFFIC SHALL BE MAINTAINED AS PER THE DETAIL SHEETS AND SPECIFICATIONS AND AS OUTLINED IN THE CONSTRUCTION AND MAINTENANCE OPERATIONS SECTIONS OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS LATEST REVISION. IN ADDITION, THE FOLLOWING REQUIREMENTS SHALL APPLY:

FOR LOCATIONS ON I.R. 70, MAINTAIN TRAFFIC ACCORDING TO THE PERMITTED LANE CLOSURE SCHEDULE (PLCS).

FOR ALL OTHER LOCATIONS, A MINIMUM OF ONE LANE OF TRAFFIC MUST BE MAINTAINED AT ALL TIMES.

LANE CLOSURES WILL BE ACCOMPLISHED IN ACCORDANCE WITH THE STANDARD DRAWINGS LISTED ON THE TITLE SHEET, IN CONSIDERATION OF THE TRAFFIC FLOW. LANE CLOSURES SHALL ONLY OCCUR DURING CONTRACTOR WORK HOURS.

LENGTH AND DURATION OF LANE CLOSURES SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

THE CONTRACTOR WILL HAVE ON SITE AND IN WORKING AND/OR SUITABLE CONDITION; ALL EQUIPMENT, TOOLS, LABORERS, LEOS, TRAFFIC CONTROL DEVICES, AND INCIDENTALS NECESSARY TO EFFICIENTLY PERFORM THE CLOSURE BEFORE INITIALIZING THE LANE CLOSURE.

BEFORE WORK BEGINS, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER THE NAMES AND TELEPHONE NUMBERS OF A PERSON OR PERSONS WHO CAN BE CONTACTED 24 HOURS A DAY BY THE OHIO DEPARTMENT OF TRANSPORTATION AND ALL INTERESTED POLICE AGENCIES. THIS PERSON OR PERSONS SHALL BE RESPONSIBLE FOR REPLACING NECESSARY TRAFFIC CONTROL DEVICES IMMEDIATELY, AS PER 614.03 (C).

THE PLANS INDICATE THE MINIMUM SIGNAGE WHICH MUST BE INSTALLED AND/OR MAINTAINED DURING ALL PHASES OF CONSTRUCTION. EXISTING SIGNS OR CONTRACTOR SUPPLIED SIGNS SHALL BE USED TO MAINTAIN TRAFFIC DURING CONSTRUCTION.

THE ENGINEER SHALL RECORD INSTALLATION AND REMOVAL OF PROPOSED SIGNS, COVERED OR REMOVED AND UNCOVERED OR REERECTED SIGNS IN THE PROJECT DIARY.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH CMS 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 PLANS.

**ITEM 614 - MAINTAINING TRAFFIC**

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER.

**ITEM 614 - ASPHALT CONCRETE FOR MAINTAINING TRAFFIC .....10 CY**

**LANE VALUE - I.R. 70**

LANE CLOSURES WILL ONLY BE IMPLEMENTED AT THE TIMES LISTED ON THE OHIO DEPARTMENT OF TRANSPORTATION'S ROADWAY ENGINEERING WEB SITE, TRAFFIC CONTROL SECTION, "PERMITTED LANE CLOSURE SCHEDULE (PLCS)" PAGE.

THE PERMITTED CLOSURE TIMES LISTED ON THE WEBSITE, 14 CALENDAR DAYS PRIOR TO THE BID LETTING DATE, WILL BE IN EFFECT FOR THIS PROJECT. NO WORK WITHIN ACTIVE TRAVEL LANES OR WHICH WILL SLOW TRAFFIC IS PERMITTED AT ANY OTHER TIMES.

WHEN NECESSARY, LANE CLOSURES WILL BE ACCOMPLISHED IN ACCORDANCE WITH THE STANDARD DRAWINGS.

THE CONTRACTOR MAY CLOSE ONE LANE IN BOTH EASTBOUND AND WESTBOUND DIRECTIONS. THE TRAFFIC CLOSURES WILL BE BETWEEN THE HOURS INDICATED ON THE O.D.O.T. WEB SITE, SHOULD THE CONTRACTOR CLOSE THE LANES BEFORE THE ALLOWABLE TIME AND/OR FAIL TO RE-OPEN ALL LANES TO TRAFFIC, BY THE ALLOWABLE TIME. A DISINCENTIVE AS DESIGNATED IN THE LANE VALUE CONTRACT TABLE AND PROPOSAL NOTE 127 WILL BE ASSESSED.

**LANE VALUE CONTRACT TABLE - I.R. 70**

DESCRIPTION OF CRITICAL LANE TO BE MAINTAINED	RESTRICTED TIME PERIOD	TIME UNIT	DISINCENTIVE \$ PER TIME UNIT
1 LANE OF GUE I.R. 70 FROM MM 12.00 TO 22.00 EB AND WB	O.D.O.T. WEB SITE: PERMITTED LANE CLOSURE TIMES	EACH MINUTE	\$230

**ITEM 614 - MAINTAINING TRAFFIC (LANES OPEN DURING HOLIDAYS OR SPECIAL EVENTS)**

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

NEW YEARS (OBSERVED)	GENERAL/REGULAR ELECTION DAY
MEMORIAL DAY	THANKSGIVING
FOURTH OF JULY (OBSERVED)	CHRISTMAS (OBSERVED)
LABOR DAY	

THE PERIOD OF TIME THAT THE LANES ARE 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 HOLIDAY	TIME ALL LANES MUST BE OPEN TO TRAFFIC
SUNDAY	12:00N FRIDAY THROUGH 6:00AM MONDAY
MONDAY	12:00N FRIDAY THROUGH 6:00AM TUESDAY
TUESDAY	12:00N MONDAY THROUGH 6:00AM TUESDAY
TUESDAY (ELECTION DAY)	5:00AM TUESDAY THROUGH 12:00AM WEDNESDAY
WEDNESDAY	12:00N TUESDAY THROUGH 6:00AM THURSDAY
THURSDAY	12:00N WEDNESDAY THROUGH 6:00AM FRIDAY
THURSDAY (THANKSGIVING)	6:00AM WEDNESDAY THROUGH 6:00AM MONDAY
FRIDAY	12:00N THURSDAY THROUGH 6:00AM MONDAY
SATURDAY	12:00N FRIDAY THROUGH 6:00AM MONDAY

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

**ITEM 614 - PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN**

THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN AND REMOVE, WHEN NO LONGER NEEDED, 4 CHANGEABLE MESSAGE SIGNS. THE SIGN SHALL BE OF A TYPE SHOWN ON A LIST OF APPROVED PCMS UNITS AVAILABLE ON THE OFFICE OF MATERIALS MANAGEMENT'S WEB PAGE. THE LIST CONTAINS CLASS A AND B UNITS WITH MINIMUM LEGIBILITY DISTANCES OF 800 FEET AND 650 FEET, RESPECTIVELY.

EACH SIGN SHALL BE TRAILER-MOUNTED AND EQUIPPED WITH A FUNCTIONAL DIMMING MECHANISM, TO DIM THE SIGN DURING DARKNESS, AND A TAMPER AND VANDAL PROOF ENCLOSURE. EACH SIGN SHALL BE PROVIDED WITH APPROPRIATE TRAINING AND OPERATION INSTRUCTIONS TO ENABLE ONSITE PERSONNEL TO OPERATE AND TROUBLESHOOT THE UNIT. THE SIGN SHALL ALSO BE CAPABLE OF BEING POWERED BY AN ELECTRICAL SERVICE DROP FROM A LOCAL UTILITY COMPANY. THE PCMS SHALL BE DELINEATED IN ACCORDANCE WITH CMS 614.03.

PLACEMENT, OPERATION, MAINTENANCE AND ALL ACTIVATION OF THE SIGNS BY THE CONTRACTOR SHALL BE AS DIRECTED BY THE ENGINEER. THE PCMS SHALL BE LOCATED IN A HIGHLY VISIBLE POSITION YET PROTECTED FROM TRAFFIC. THE CONTRACTOR SHALL, AT THE DIRECTION OF THE ENGINEER, RELOCATE THE PCMS TO IMPROVE VISIBILITY OR ACCOMMODATE CHANGED CONDITIONS. WHEN NOT IN USE, THE PCMS SHALL BE TURNED OFF. ADDITIONALLY, WHEN NOT IN USE FOR EXTENDED PERIODS OF TIME, THE PCMS SHALL BE TURNED AWAY FROM ALL TRAFFIC.

THE ENGINEER SHALL BE PROVIDED ACCESS TO EACH SIGN UNIT AND SHALL BE PROVIDED WITH APPROPRIATE TRAINING AND OPERATION INSTRUCTIONS TO ENABLE ODOT PERSONNEL TO OPERATE AND TROUBLESHOOT THE UNIT, AND TO REVISE SIGN MESSAGES, IF NECESSARY.

THE CONTRACTOR SHALL IMPLEMENT A SYSTEM WHEREBY CHANGEABLE MESSAGES WILL BE IMPLEMENTED WITHIN TWO HOURS FOLLOWING TELEPHONE NOTIFICATION FROM THE PROJECT ENGINEER TO A DESIGNATED PHONE.

ALL MESSAGES TO BE DISPLAYED ON THE SIGN WILL BE PROVIDED BY THE ENGINEER. A LIST OF ALL REQUIRED PRE-PROGRAMMED MESSAGES WILL BE GIVEN TO THE CONTRACTOR AT THE PROJECT PRECONSTRUCTION CONFERENCE. THE SIGN SHALL HAVE THE CAPABILITY TO STORE UP TO 99 MESSAGES. MESSAGE MEMORY OR PRE-PROGRAMMED DISPLAYS SHALL NOT BE LOST AS A RESULT OF POWER FAILURES TO THE ON-BOARD COMPUTER. THE SIGN LEGEND SHALL BE CAPABLE OF BEING CHANGED IN THE FIELD. THREE-LINE PRESENTATION FORMATS WITH UP TO SIX MESSAGE PHASES SHALL BE SUPPORTED. PCMS FORMAT SHALL PERMIT THE COMPLETE MESSAGE FOR EACH PHASE TO BE READ AT LEAST TWICE. THE PCMS SHALL CONTAIN AN ACCURATE CLOCK AND PROGRAMMING LOGIC WHICH WILL ALLOW THE SIGN TO BE ACTIVATED, DEACTIVATED OR MESSAGES CHANGED AUTOMATICALLY AT DIFFERENT TIMES OF THE DAY FOR DIFFERENT DAYS OF THE WEEK.

THE PCMS SHALL CONTAIN A CELLULAR TELEPHONE DATA LINK WHICH WILL (IN ACTIVE CELLULAR PHONE AREAS) ALLOW REMOTE SIGN ACTIVATION, MESSAGE CHANGES, MESSAGE ADDITIONS AND REVISIONS TO TIME OF DAY PROGRAMS. THE SYSTEM SHALL ALSO PERMIT VERIFICATION OF CURRENT AND PROGRAMMED MESSAGES. ONE REMOTE DATA INPUT DEVICE (LAPTOP COMPUTER PLUS MODEM OR EQUIVALENT) SHALL BE FURNISHED FOR USE BY THE DISTRICT TRAFFIC ENGINEER, OR EQUIVALENT, AND SHALL BE INSURED AGAINST THEFT. THE PCMS UNIT SHALL BE MAINTAINED IN GOOD WORKING ORDER BY THE CONTRACTOR IN ACCORDANCE WITH THE PROVISIONS OF CMS 614.07. THE CONTRACTOR SHALL, PRIOR TO ACTIVATING THE UNIT, MAKE ARRANGEMENTS, WITH AN AUTHORIZED SERVICE AGENT FOR THE PCMS, TO ASSURE PROMPT SERVICE IN THE EVENT OF FAILURE. ANY FAILURE SHALL NOT RESULT IN THE SIGN BEING OUT OF SERVICE FOR MORE THAN 12 HOURS, INCLUDING WEEKENDS. FAILURE TO COMPLY MAY RESULT IN AN ORDER TO STOP WORK AND OPEN ALL TRAFFIC LANES AND/OR IN THE DEPARTMENT TAKING APPROPRIATE ACTION TO SAFELY CONTROL TRAFFIC. THE ENTIRE COST TO CONTROL TRAFFIC, ACCRUED BY THE DEPARTMENT DUE TO THE CONTRACTOR'S NONCOMPLIANCE, WILL BE DEDUCTED FROM MONEYS DUE, OR TO BECOME DUE THE CONTRACTOR ON HIS CONTRACT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR 24-HOUR-PER-DAY OPERATION AND MAINTENANCE OF THESE SIGNS ON THE PROJECT FOR THE DURATION OF THE PHASES WHEN THE PLAN REQUIRES THEIR USE.

PAYMENT FOR THE ABOVE DESCRIBED ITEM SHALL BE AT THE CONTRACT UNIT PRICE. PAYMENT SHALL INCLUDE ALL LABOR, MATERIALS, EQUIPMENT, FUELS, LUBRICATING OILS, SOFTWARE, HARDWARE AND INCIDENTALS TO PERFORM THE ABOVE DESCRIBED WORK.

ITEM 614 - PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN

**ESTIMATED 4 SIGNS X 3 MONTHS = 12 SNMT**

**ITEM 614 - LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE**

USE OF LAW ENFORCEMENT OFFICERS (LEOS) BY CONTRACTORS OTHER THAN THE USES SPECIFIED IN THIS NOTE WILL NOT BE PERMITTED AT PROJECT COST. LEOS SHOULD NOT BE USED WHERE THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES(OMUTCD) INTENDS THAT FLAGGERS BE USED.

IN ADDITION TO THE REQUIREMENTS OF C&MS 614 AND THE OMUTCD, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHOULD BE PROVIDED FOR CONTROLLING TRAFFIC FOR THE FOLLOWING TASKS, AS DIRECTED BY THE ENGINEER:

- FOR LANE CLOSURES: DURING INITIAL SET-UP PERIODS, TEAR DOWN PERIODS, SUBSTANTIAL SHIFTS OF A CLOSURE POINT OR WHEN NEW LANE CLOSURE ARRANGEMENTS ARE INITIATED, AND NIGHT WORK ON THE INTERSTATE.

IN GENERAL, LEOS SHOULD BE POSITIONED AT THE POINT OF LANE RESTRICTION OR ROAD CLOSURE AND TO MANUALLY CONTROL TRAFFIC MOVEMENTS THROUGH INTERSECTIONS IN WORK ZONES.

LEOS SHOULD NOT FORGO THEIR TRAFFIC CONTROL RESPONSIBILITIES TO APPREHEND MOTORISTS FOR ROUTINE TRAFFIC VIOLATIONS. HOWEVER, IF A MOTORIST'S ACTIONS ARE CONSIDERED TO BE RECKLESS, THEN PURSUIT OF THE MOTORIST IS APPROPRIATE.

THE LEOS WORK AT THE DIRECTION OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR SECURING THE SERVICES OF THE LEOS AND COMMUNICATING THE INTENTIONS OF THE PLANS WITH RESPECT TO DUTIES OF THE LEOS. THE ENGINEER SHALL HAVE FINAL CONTROL OVER THE LEOS' DUTIES AND PLACEMENT AND WILL RESOLVE ANY ISSUES THAT MAY ARISE BETWEEN THE TWO PARTIES.

THE LEO SHALL REPORT IN TO THE CONTRACTOR PRIOR TO THE START OF THE SHIFT TO RECEIVE INSTRUCTIONS REGARDING SPECIFIC WORK ASSIGNMENTS DURING HIS/HER SHIFT. THE LEO IS EXPECTED TO STAY AT THE PROJECT SITE FOR THE ENTIRE DURATION OF HIS/HER SHIFT. THE LEO SHALL REPORT TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT. ONCE THE LEO HAS COMPLETED THE DUTIES DESCRIBED ABOVE AND STILL HAS TIME REMAINING ON HIS/HER SHIFT, THE LEO MAY BE ASKED TO PATROL THROUGH THE WORK ZONE (WITH FLASHING LIGHTS OFF) OR BE PLACED AT A LOCATION TO DETER MOTORISTS FROM SPEEDING. SHOULD IT BE NECESSARY TO LEAVE THE PROJECT SITE, THE LEO SHALL NOTIFY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE THE LEO WITH A TWO-WAY COMMUNICATION DEVICE WHICH SHALL BE RETURNED TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT.

LAW ENFORCEMENT OFFICERS (WITH PATROL CAR) REQUIRED BY THE TRAFFIC MAINTENANCE TASKS ABOVE SHALL BE PAID FOR ON A UNIT PRICE (HOURLY) BASIS UNDER ITEM 614, LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE. THE HOURS PAID SHALL INCLUDE MINIMUM SHOW-UP TIME REQUIRED BY THE LAW ENFORCEMENT AGENCY INVOLVED.

ANY ADDITIONAL COSTS (ADMINISTRATIVE OR OTHERWISE) INCURRED BY THE CONTRACTOR TO OBTAIN THE SERVICES OF A LEO ARE INCLUDED WITH THE BID UNIT PRICE FOR ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE.

ITEM 614 - LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE.....**300 HOURS**

DESIGN AGENCY



DESIGNER  
JKS

REVIEWER  
JKS 03/06/26

PROJECT ID

124389

SHEET TOTAL  
P.7 40

SHEET NUMBER											PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
7	10	40									01/NFP	EXT	TOTAL				
											LS	201	11000	LS		CLEARING AND GRUBBING	
											20,000	832	30000	20,000	EACH	EROSION CONTROL	
											0.72	642	00104	0.72	MILE	EDGE LINE, 6", TYPE 1	
											0.44	642	00300	0.44	MILE	CENTER LINE, TYPE 1	
																<b>STRUCTURE REPAIR (SFN 1601059 BRIDGE NO. COS-60-20.07)</b>	
											1,038	512	10301	1,038	SY	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN, AS PER PLAN	5
											21	519	12300	21	SY	PATCHING CONCRETE BRIDGE DECK - TYPE B	
																<b>STRUCTURE REPAIR (SFN 1601091 BRIDGE NO. COS-60-24.17)</b>	
											748	512	10301	748	SY	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN, AS PER PLAN	5
											135	519	11101	135	SF	PATCHING CONCRETE STRUCTURE, AS PER PLAN (DECK EDGES)	6
											29	519	11101	29	SF	PATCHING CONCRETE STRUCTURE, AS PER PLAN (PIERS)	6
											75	519	12300	75	SY	PATCHING CONCRETE BRIDGE DECK - TYPE B	
																<b>STRUCTURE REPAIR (SFN 1601148 BRIDGE NO. COS-60-26.87)</b>	
											687	512	10301	687	SY	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN, AS PER PLAN	5
											215	519	11101	215	SF	PATCHING CONCRETE STRUCTURE, AS PER PLAN (DECK EDGES)	6
											69	519	12300	69	SY	PATCHING CONCRETE BRIDGE DECK - TYPE B	
																<b>STRUCTURE REPAIR (SFN 1602071 BRIDGE NO. COS-93-14.66)</b>	
											506	512	10301	506	SY	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN, AS PER PLAN	5
											25	519	12300	25	SY	PATCHING CONCRETE BRIDGE DECK - TYPE B	
																<b>STRUCTURE REPAIR (SFN 1602102 BRIDGE NO. COS-93-15.76)</b>	
											134	512	10301	134	SY	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN, AS PER PLAN	5
											3	519	12300	3	SY	PATCHING CONCRETE BRIDGE DECK - TYPE B	
																<b>STRUCTURE REPAIR (SFN 1602527 BRIDGE NO. COS-541-29.18)</b>	
											105	512	10301	105	SY	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN, AS PER PLAN	5
											5	519	12300	5	SY	PATCHING CONCRETE BRIDGE DECK - TYPE B	
																<b>STRUCTURE REPAIR (SFN 3001474 BRIDGE NO. GUE-70-12.32L)</b>	
											4	519	11101	4	SF	PATCHING CONCRETE STRUCTURE, AS PER PLAN (PIERS)	6
																<b>STRUCTURE REPAIR (SFN 3002047 BRIDGE NO. GUE-70-21.53)</b>	
											1,039	512	10301	1,039	SY	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN, AS PER PLAN	5
											104	519	12300	104	SY	PATCHING CONCRETE BRIDGE DECK - TYPE B	
																<b>STRUCTURE REPAIR (SFN 3004481 BRIDGE NO. GUE-265-01.08)</b>	
											578	512	10301	578	SY	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN, AS PER PLAN	5
											75	516	31011	75	FT	2" DEEP JOINT SEALER, AS PER PLAN	5
											58	519	12300	58	SY	PATCHING CONCRETE BRIDGE DECK - TYPE B	
																<b>STRUCTURE REPAIR (SFN 3005887 BRIDGE NO. GUE-513-08.71)</b>	
											1,688	512	10301	1,688	SY	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN, AS PER PLAN	5
											34	519	12300	34	SY	PATCHING CONCRETE BRIDGE DECK - TYPE B	

Removed item

Removed item

Removed item

Removed location

DESIGN AGENCY



DESIGNER  
JKS

REVIEWER  
JKS 03/06/26

PROJECT ID  
124389

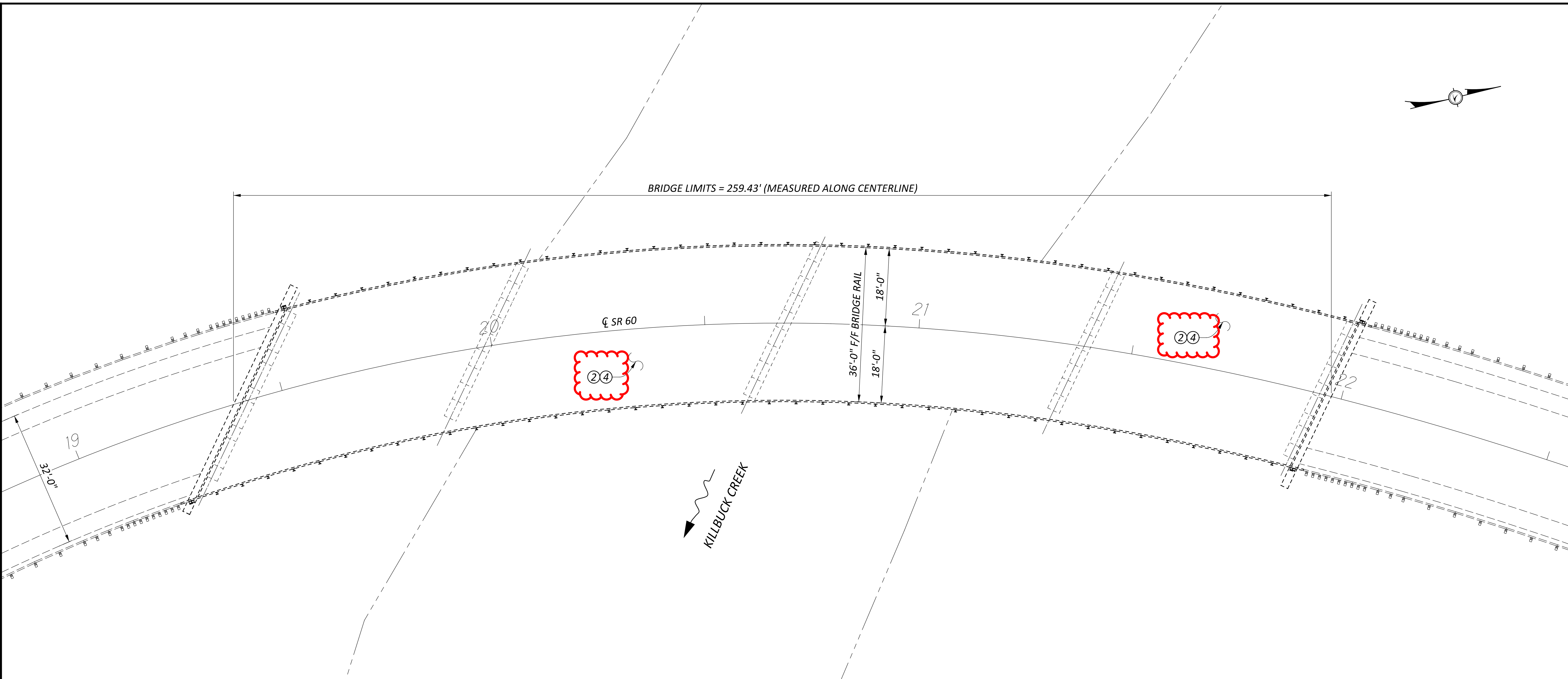
SHEET TOTAL  
P.8 | 40



PROJECT LOCATIONS						BRIDGE					PAVEMENT MARKINGS					
						512		516	519		614		642			
LOCATION	COUNTY	ROUTE	BRIDGE NUMBER	SFN	FEATURES INTERSECTED	SEALING CONCRETE BRIDGE DECKS WITH HIMWM, AS PER PLAN		2" DEEP JOINT SEALER, AS PER PLAN	PATCHING CONCRETE BRIDGE DECK - TYPE B	PATCHING CONCRETE STRUCTURES, AS PER PLAN (DECK EDGES)	PATCHING CONCRETE STRUCTURES, AS PER PLAN (PIERS)	WORK ZONE CENTER LINE, CLASS III, 642 PAINT	WORK ZONE EDGE LINE, CLASS III, 6" , 642 PAINT	EDGE LINE, 6"	CENTERLINE	
						BRIDGE DECK	APPROACH SLAB									
						SQ YD	SQ YD									FT
1	COS	SR 60	20.07	1601059	KILLBUCK CREEK	1038			21			0.05	0.10	0.10	0.05	
2	COS	SR 60	24.17	1601091	KILLBUCK CREEK	748			75	135	29	0.05	0.09	0.09	0.05	
3	COS	SR 60	26.87	1601148	KILLBUCK CREEK	687			69	215		0.04	0.07	0.07	0.04	
4	COS	SR 93	14.66	1602071	WHITE EYES CREEK	506			25			0.02	0.04	0.04	0.02	
5	COS	SR 93	15.76	1602102	TRIB OF WHITE EYES CREEK	134			3			0.01	0.01	0.01	0.01	
6	COS	SR 541	29.18	1602527	TRIB OF BACON RUN	105			5			0.01	0.01	0.01	0.01	
7	GUE	IR 70	12.32L	3001474	SR 265						4					
8	GUE	IR 70	21.53	3002047	IR 70	954	85		104			0.06			0.06	
9	GUE	SR 265	1.08	3004481	LEATHERWOOD CREEK	478	100	75	58			0.03	0.07	0.07	0.03	
10	GUE	SR 513	8.71	3005887	IR 70	1404	284		34			0.07	0.14	0.14	0.07	
11	GUE	SR 658	4.89	3006328	INDIAN CAMP RUN	206	142	80	17			0.02	0.04	0.04	0.02	
12	GUE	SR 658	5.46	3006344	DRY RUN CREEK	116	142	68	26			0.01	0.03	0.03	0.01	
13	GUE	SR 658	10.99	3006395	WILLS CREEK	669	167					0.05	0.09	0.09	0.05	
14	KNO	US 62	10.28	4202082	INDIANFIELD RUN	223	178		20			0.02	0.03	0.03	0.02	
<b>SUB-TOTAL</b>						<b>7268</b>	<b>1098</b>									
<b>TOTAL</b>						<b>8366</b>		<b>223</b>	<b>457</b>	<b>350</b>	<b>33</b>	<b>0.44</b>	<b>0.72</b>	<b>0.72</b>	<b>0.44</b>	

Removed item





- ① ITEM 202 - REMOVAL MISC: POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM
- ② ITEM 846 - POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM
- ③ ITEM 512 - SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN, AS PER PLAN
- ④ ITEM 516 - 2" DEEP JOINT SEALER, AS PER PLAN
- ⑤ ITEM 519 - PATCHING CONCRETE BRIDGE DECKS, TYPE B
- ⑥ ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (DECK EDGES)
- ⑦ ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (PIERS)

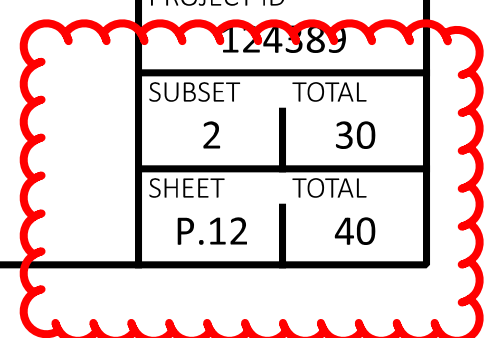
<b>EXISTING STRUCTURE</b>		SFN	1601059
TYPE: CONTINUOUS STEEL BEAM WITH CONCRETE DECK AND SUBSTRUCTURES		DESIGN AGENCY	
SPANS: 56' - 70' - 70' - 56' C/C BEARING			
ROADWAY: 36'-0" F/F BRIDGE RAIL			
LOADING: HS20 WITH MILITARY LOADING		DESIGNER	CHECKER
SKEW: VARIES		JKS	TAG
WEARING SURFACE: 1" MONOLITHIC CONCRETE		REVIEWER	
APPROACH SLABS: 25'-0" LONG (AS-1-81)		JKS 03/06/26	
ALIGNMENT: TANGENT		PROJECT ID	
CROWN: 0.083 FT/FT SUPERELEVATED		124389	
DATE BUILT: 1962 WITH 2014 REHAB		SUBSET	TOTAL
DISPOSITION: PATCH DECK AND SEAL WITH HMWM		1	30
		SHEET	TOTAL
		P.11	40

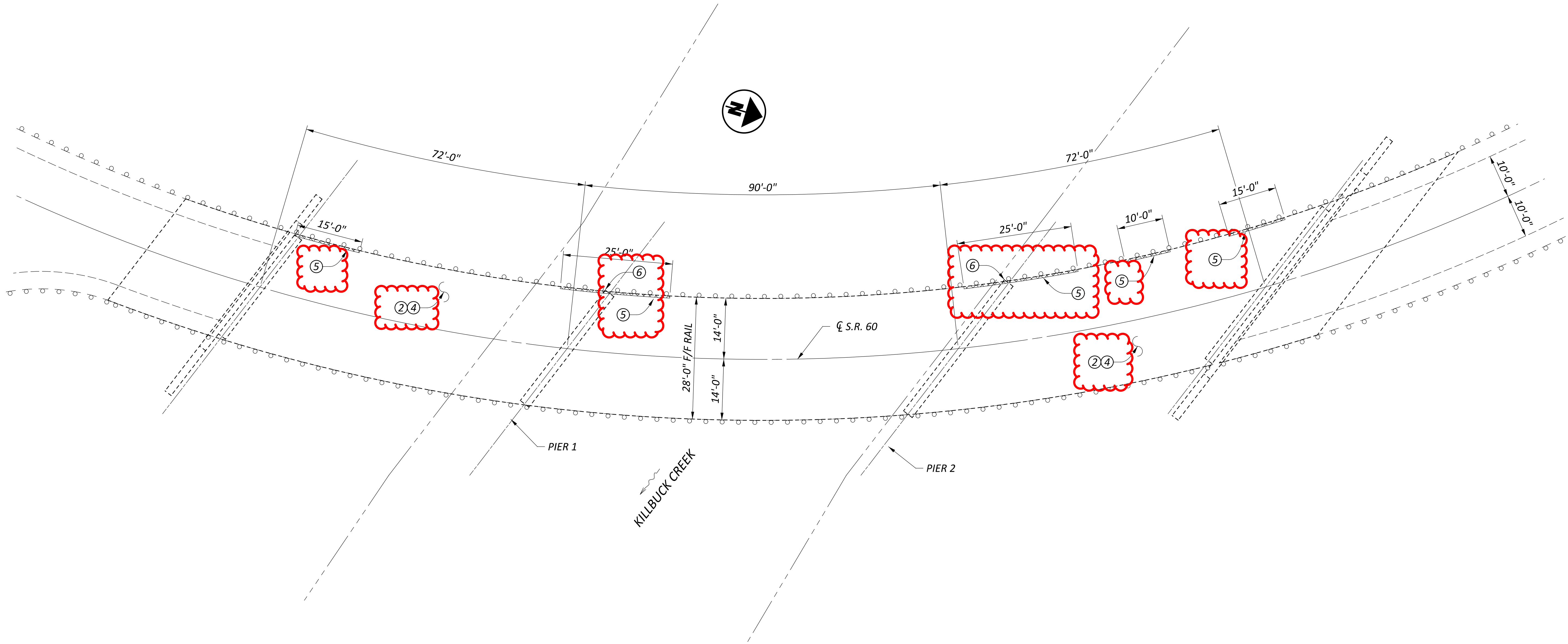
GENERAL PLAN  
 BRIDGE NO. COS-60-2007  
 OVER KILLBUCK CREEK

ITEM 512 - SEALING CONCRETE BRIDGE DECK WITH HMWM, AS PER PLAN											
DESCRIPTION	#		L		W				C.F.		SQ YD
BRIDGE DECK	1	x	259.43	x	36	x			9	=	1037.7
		x		x		x				=	
TOTAL CARRIED TO GENERAL SUMMARY =											1038
ITEM 519 - PATCHING CONCRETE BRIDGE DECK - TYPE B											
DESCRIPTION	%		L		W				C.F.		SQ YD
BRIDGE DECK	2%	x	259.43	x	36	x			9	=	20.8
		x		x		x				=	
TOTAL CARRIED TO GENERAL SUMMARY =											21
ITEM 614 - WORK ZONE CENTER LINE, CLASS III, 6", 642 PAINT											
DESCRIPTION	#		L						C.F.		MILE
BRIDGE DECK	1	x	259.43	x		x			5280	=	0.05
		x		x		x				=	
TOTAL CARRIED TO GENERAL SUMMARY =											0.05
ITEM 614 - WORK ZONE EDGE LINE, CLASS III, 642 PAINT											
DESCRIPTION	#		L		W		T		C.F.		MILE
BRIDGE DECK	2	x	259.43	x		x			5280	=	0.10
		x		x		x				=	
TOTAL CARRIED TO GENERAL SUMMARY =											0.10
ITEM 642 - EDGE LINE, 6", TYPE 1											
DESCRIPTION	#		L						C.F.		MILE
BRIDGE DECK	2	x	259.43	x		x			5280	=	0.10
		x		x		x				=	
TOTAL CARRIED TO GENERAL SUMMARY =											0.10
ITEM 642 - CENTER LINE, TYPE 1											
DESCRIPTION	#		L		W		T		C.F.		MILE
BRIDGE DECK	1	x	259.43	x		x			5280	=	0.05
		x		x		x				=	
TOTAL CARRIED TO GENERAL SUMMARY =											0.05

ESTIMATED QUANTITIES  
 BRIDGE NO. COS-60-2007  
 OVER KILLBUCK CREEK

SFN	1601059
DESIGN AGENCY	
DESIGNER	CHECKER
JKS	TAG
REVIEWER	
JKS	03/06/26
PROJECT ID	
124389	
SUBSET	TOTAL
2	30
SHEET	TOTAL
P.12	40



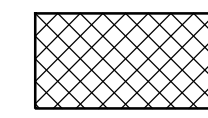


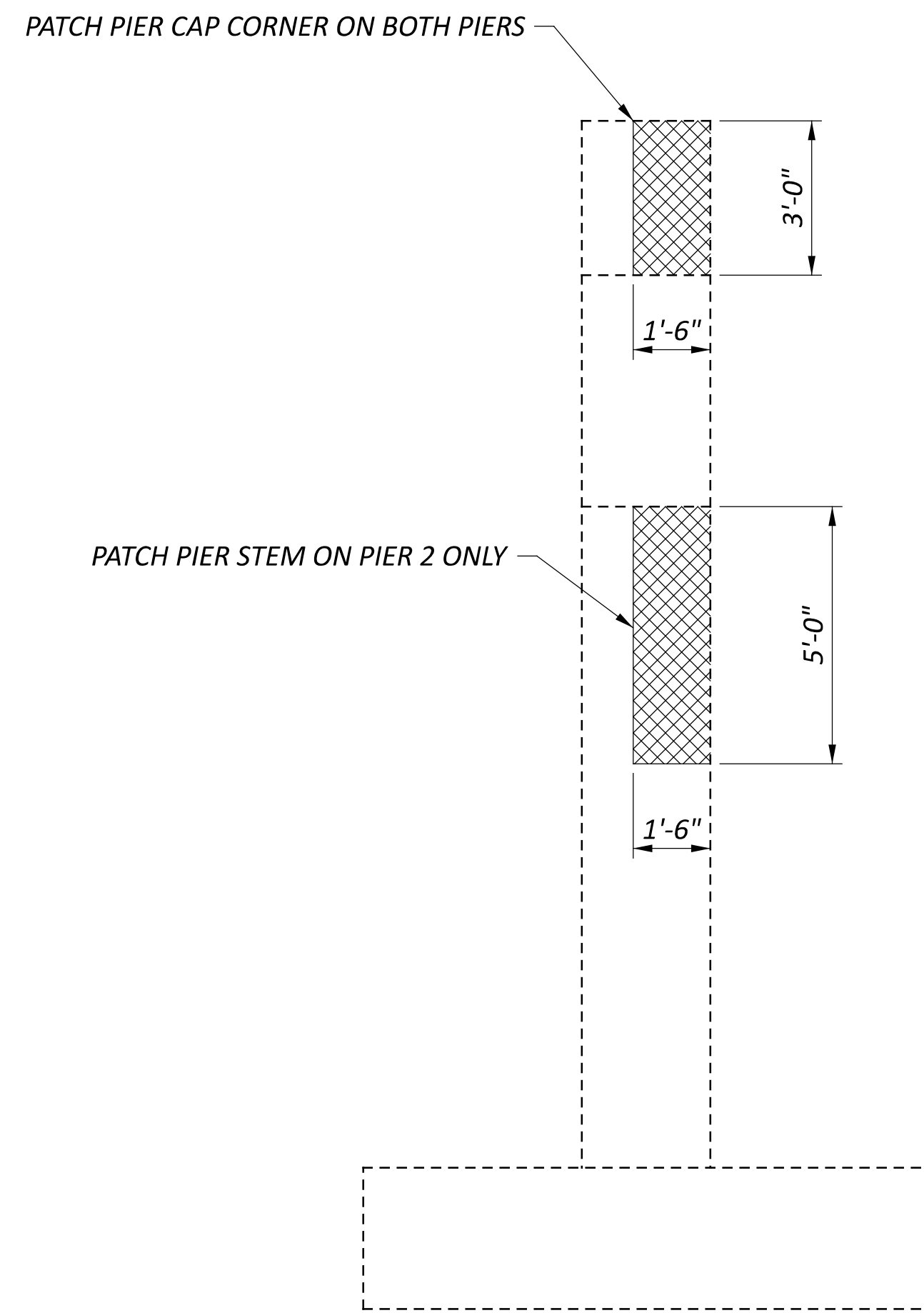
- ① ITEM 202 - REMOVAL MISC. POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM
- ② ITEM 846 - POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM
- ③ ITEM 512 - SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN, AS PER PLAN
- ④ ITEM 516 - 2" DEEP JOINT SEALER, AS PER PLAN
- ⑤ ITEM 519 - PATCHING CONCRETE BRIDGE DECKS, TYPE B
- ⑥ ITEM 519 - PATCHING CONCRETE BRIDGE DECKS, TYPE B
- ⑦ ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (DECK EDGES)
- ⑧ ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (PIERS)

EXISTING STRUCTURE	
TYPE: CONTINUOUS COMPOSITE STEEL BEAMS WITH REINFORCED CONCRETE DECK AND SUBSTRUCTURES	
SPANS: 72' - 90' - 72' C/C BEARINGS	
ROADWAY: 28'-0" F/F BRIDGE RAIL	
LOADING: HS20-44 WITH ALTERNATE MILITARY LOADING	
SKEW: 37° 32' 24" LT FWD TO REF LINE	
WEARING SURFACE: 1" MONOLITHIC CONCRETE	
APPROACH SLABS: 25' LONG (AS-1-81)	
ALIGNMENT: 14° CURVE LEFT	
CROWN: .0833'/' SUPERELEVATED	
DATE BUILT: 1984	
DISPOSITION: PATCH DECK, SEAL WITH HMWM. PATCH DECK EDGES, PIER LEFT CORNERS, AND PIER 2 LEFT STEM.	

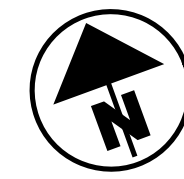
GENERAL PLAN  
BRIDGE NO. COS-60-2417  
OVER KILLBUCK CREEK

SFN	1601091
DESIGN AGENCY	
DESIGNER	CHECKER
JKS	TAG
REVIEWER	
JKS 03/06/26	
PROJECT ID	
124389	
SUBSET	TOTAL
3	30
SHEET	TOTAL
P.13	40

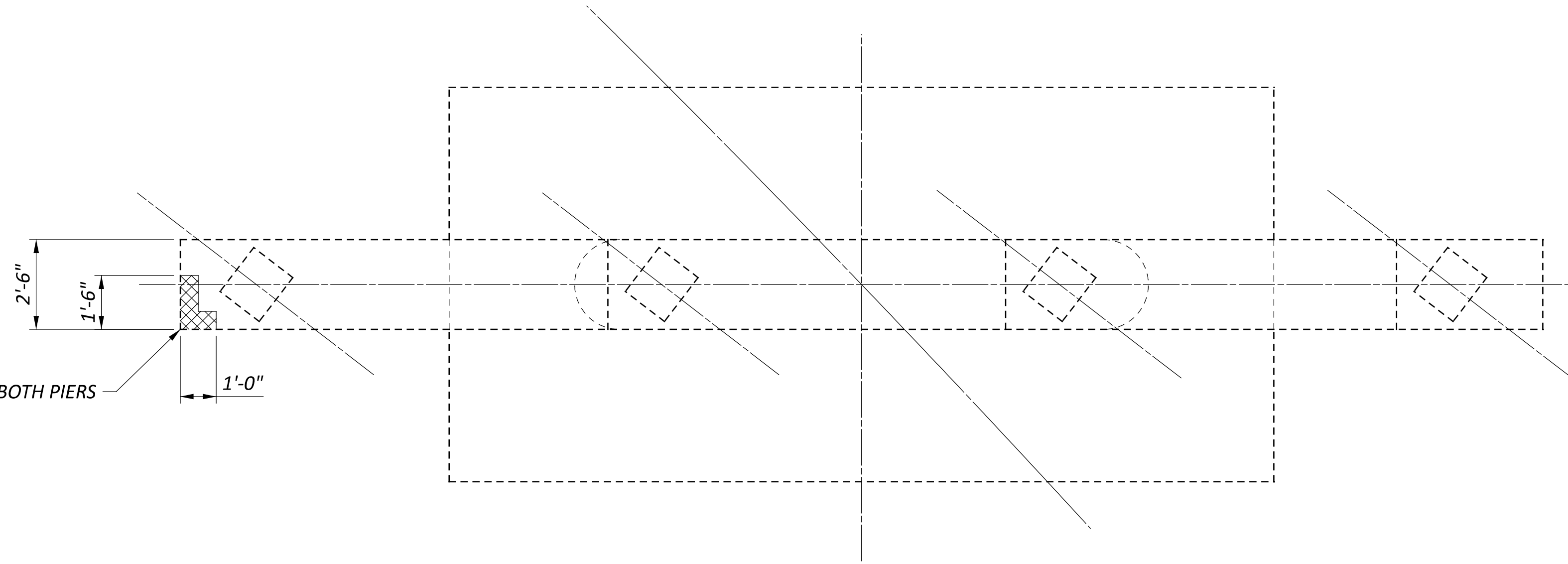
 ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (PIERS)



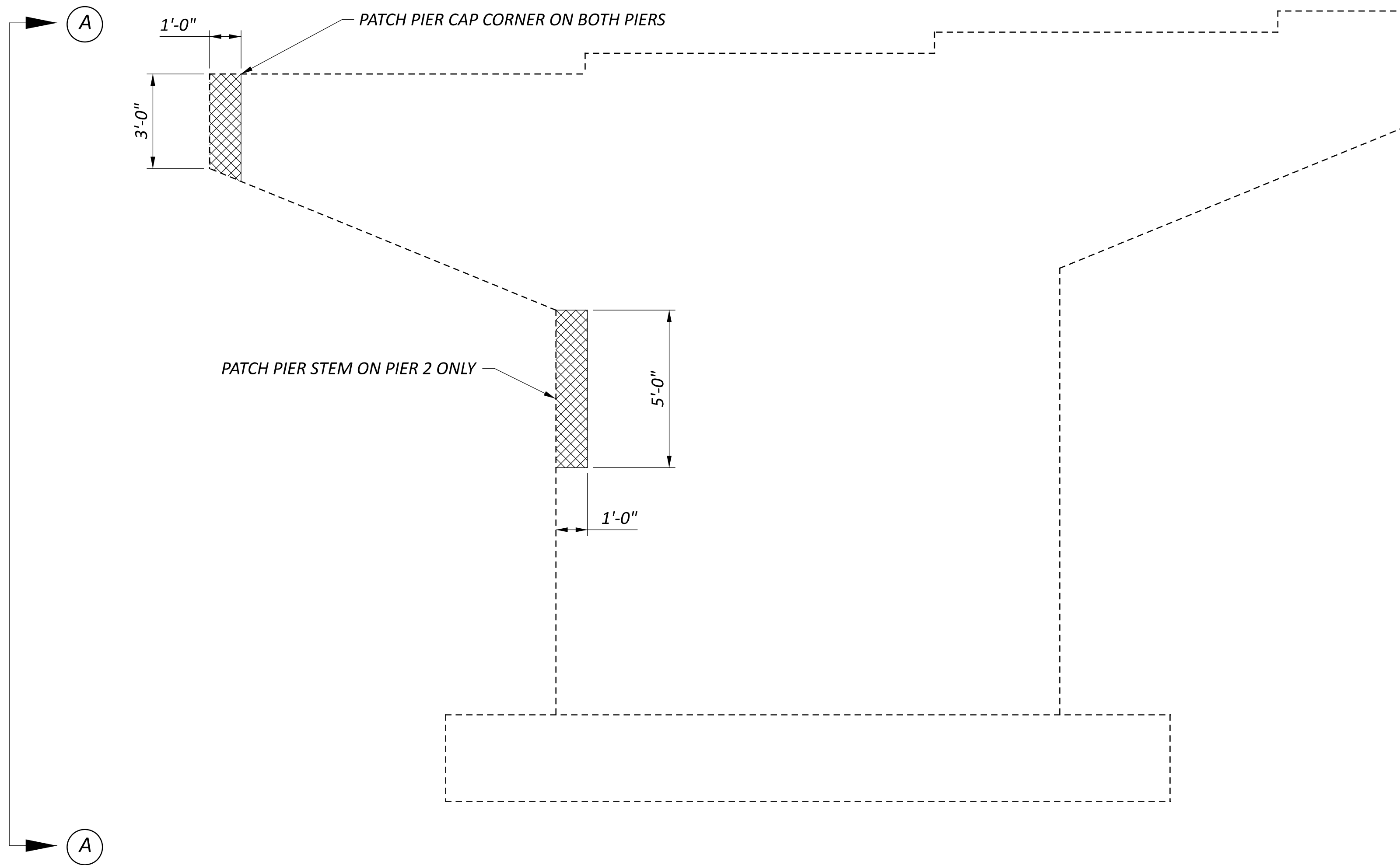
SECTION A-A



PATCH PIER CAP CORNER ON BOTH PIERS



PIER 2 PLAN (PIER 1 SIMILAR)

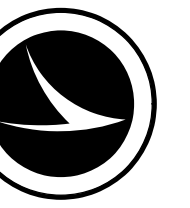


PIER 2 ELEVATION (PIER 1 SIMILAR)

EXISTING PIERS  
 BRIDGE NO. COS-60-2417  
 OVER KILLBUCK CREEK

SFN  
 1601091

DESIGN AGENCY



DESIGNER: JKS  
 CHECKER: TAG

REVIEWER: JKS  
 DATE: 03/06/26

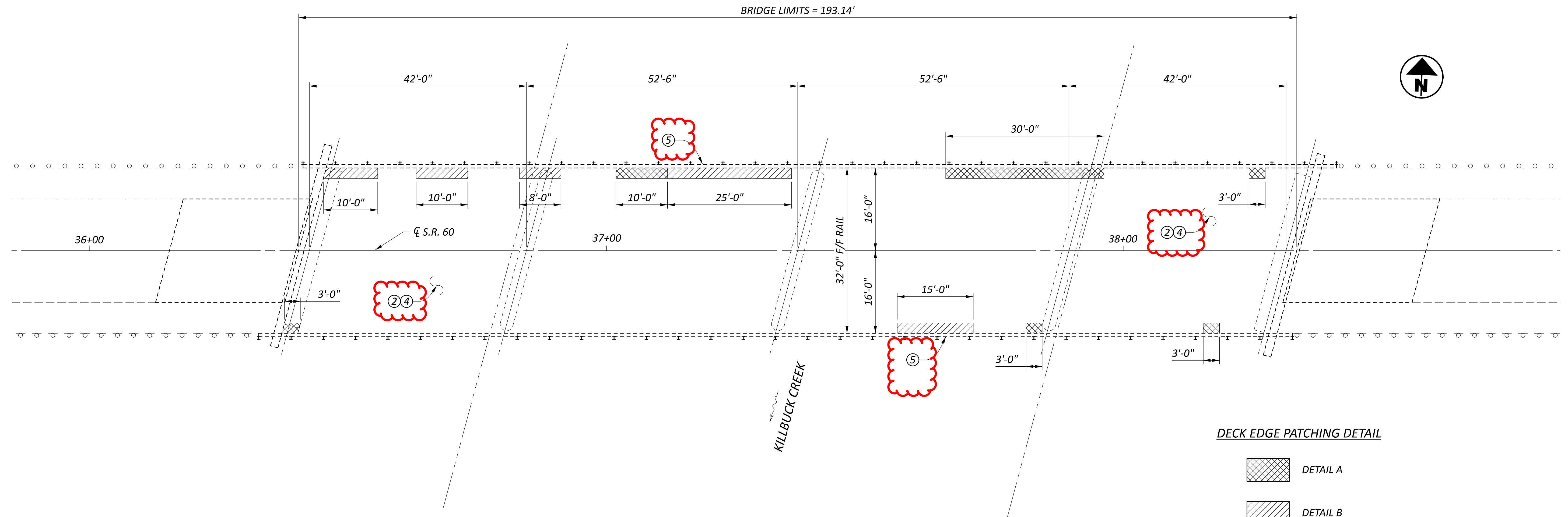
PROJECT ID: 124389

SUBSET	TOTAL
4	33
SHEET	TOTAL
P.14	43

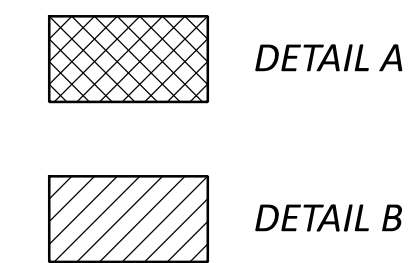
ITEM 512 - SEALING CONCRETE BRIDGE DECK WITH HMWM, AS PER PLAN										
DESCRIPTION	#		L		W				C.F.	SQ YD
BRIDGE DECK	1	x	240.26	x	28	x			9	747.5
		x		x		x				
TOTAL CARRIED TO GENERAL SUMMARY =										748
ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (DECK EDGES)										
DESCRIPTION	#		L		H				C.F.	SQ FT
LEFT DECK EDGE	1	x	90	x	1.5	x			1	135.0
		x		x		x				
TOTAL CARRIED TO GENERAL SUMMARY =										135
ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (PIERS)										
DESCRIPTION	#		L		H				C.F.	SQ FT
PIER SEAT LEFT SIDE CORNERS	2	x	2.5	x	3.25	x			1	16.3
PIER 2 LEFT SIDE STEM	1	x	2.5	x	5	x			1	12.5
		x		x		x				
TOTAL CARRIED TO GENERAL SUMMARY =										29
ITEM 519 - PATCHING CONCRETE BRIDGE DECK - TYPE B										
DESCRIPTION	%		L		W				C.F.	SQ YD
BRIDGE DECK	10%	x	240.26	x	28	x			9	74.7
		x		x		x				
TOTAL CARRIED TO GENERAL SUMMARY =										75
ITEM 614 - WORK ZONE CENTER LINE, CLASS III, 6", 642 PAINT										
DESCRIPTION	#		L						C.F.	MILE
BRIDGE DECK	1	x	240.26	x		x			5280	0.05
		x		x		x				
TOTAL CARRIED TO GENERAL SUMMARY =										0.05
ITEM 614 - WORK ZONE EDGE LINE, CLASS III, 642 PAINT										
DESCRIPTION	#		L		W		T		C.F.	MILE
BRIDGE DECK	2	x	240.26	x		x			5280	0.09
		x		x		x				
TOTAL CARRIED TO GENERAL SUMMARY =										0.09
ITEM 642 - EDGE LINE, 6", TYPE 1										
DESCRIPTION	#		L						C.F.	MILE
BRIDGE DECK	2	x	240.26	x		x			5280	0.09
		x		x		x				
TOTAL CARRIED TO GENERAL SUMMARY =										0.09
ITEM 642 - CENTER LINE, TYPE 1										
DESCRIPTION	#		L		W		T		C.F.	MILE
BRIDGE DECK	1	x	240.26	x		x			5280	0.05
		x		x		x				
TOTAL CARRIED TO GENERAL SUMMARY =										0.05

ESTIMATED QUANTITIES  
 BRIDGE NO. COS-60-2417  
 OVER KILLBUCK CREEK

SFN	1601091
DESIGN AGENCY	
DESIGNER	CHECKER
JKS	TAG
REVIEWER	
JKS	03/06/26
PROJECT ID	
124389	
SUBSET	TOTAL
5	30
SHEET	TOTAL
P.15	40



DECK EDGE PATCHING DETAIL



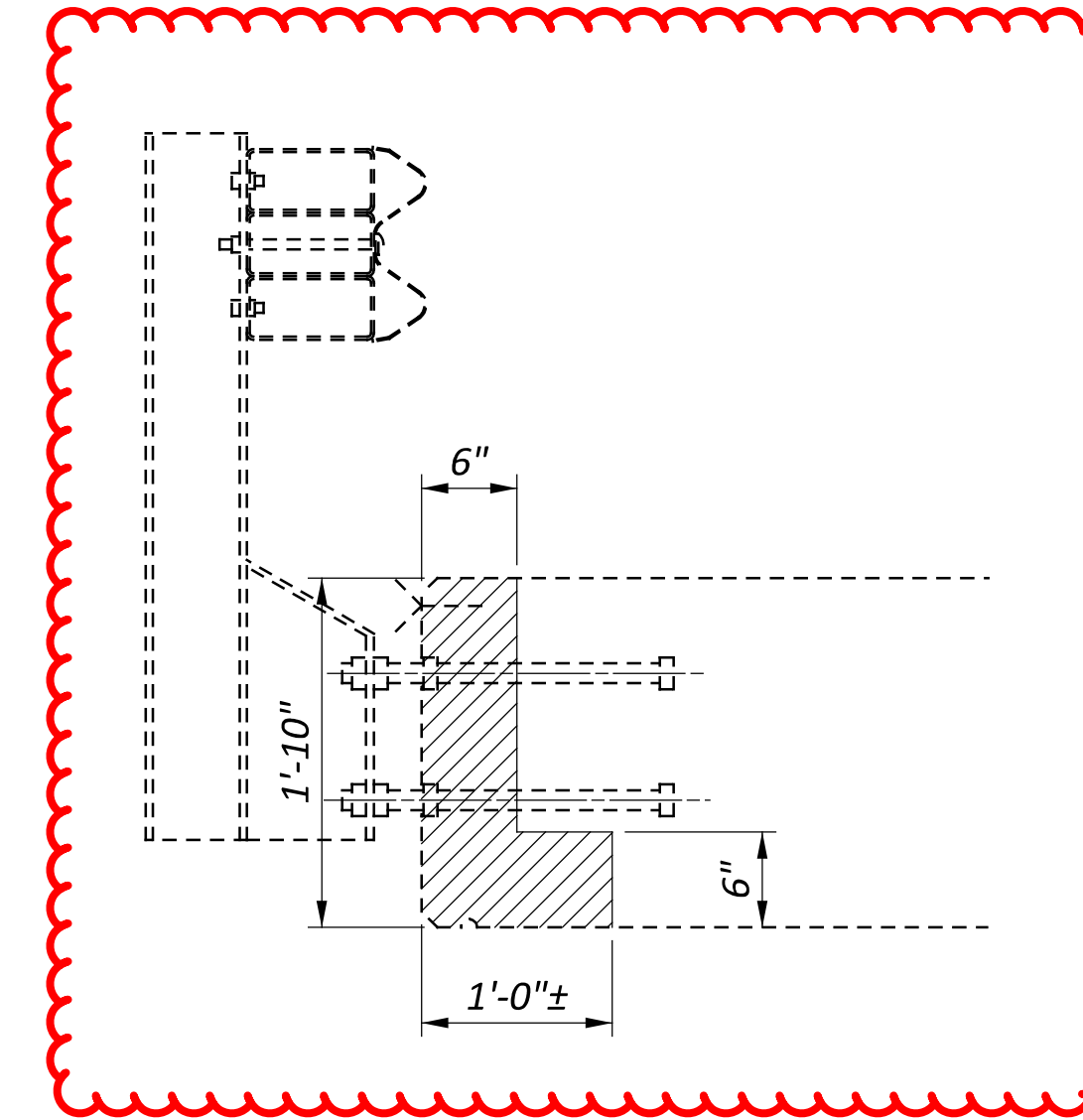
- ① ITEM 202 - REMOVAL MISC: POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM
- ② ITEM 846 - POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM
- ③ ITEM 512 - SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN, AS PER PLAN
- ④ ITEM 516 - 2" DEEP JOINT SEALER, AS PER PLAN
- ⑤ ITEM 519 - PATCHING CONCRETE BRIDGE DECKS, TYPE B
- ⑥ ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (DECK EDGES)
- ⑦ ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (PIERS)

EXISTING STRUCTURE	
TYPE:	CONTINUOUS REINFORCED CONCRETE SLAB WITH CAPPED PILE SUBSTRUCTURES
SPANS:	42' - 52'-6" - 52'-6" - 42' C/C BEARINGS
ROADWAY:	32'-0" F/F BRIDGE RAIL
LOADING:	CF-30 (51)
SKEW:	15° LEFT FORWARD
WEARING SURFACE:	1.75" MICRO-SILICA OVERLAY
APPROACH SLABS:	15' LONG (AS-1-54)
ALIGNMENT:	TANGENT
CROWN:	0.016 '/'
DATE BUILT:	1959 WITH 1989 OVERLAY
DISPOSITION:	PATCH DECK AND SEAL WITH HMWM. PATCH DECK EDGES.

GENERAL PLAN  
BRIDGE NO. COS-60-2687  
OVER KILLBUCK CREEK

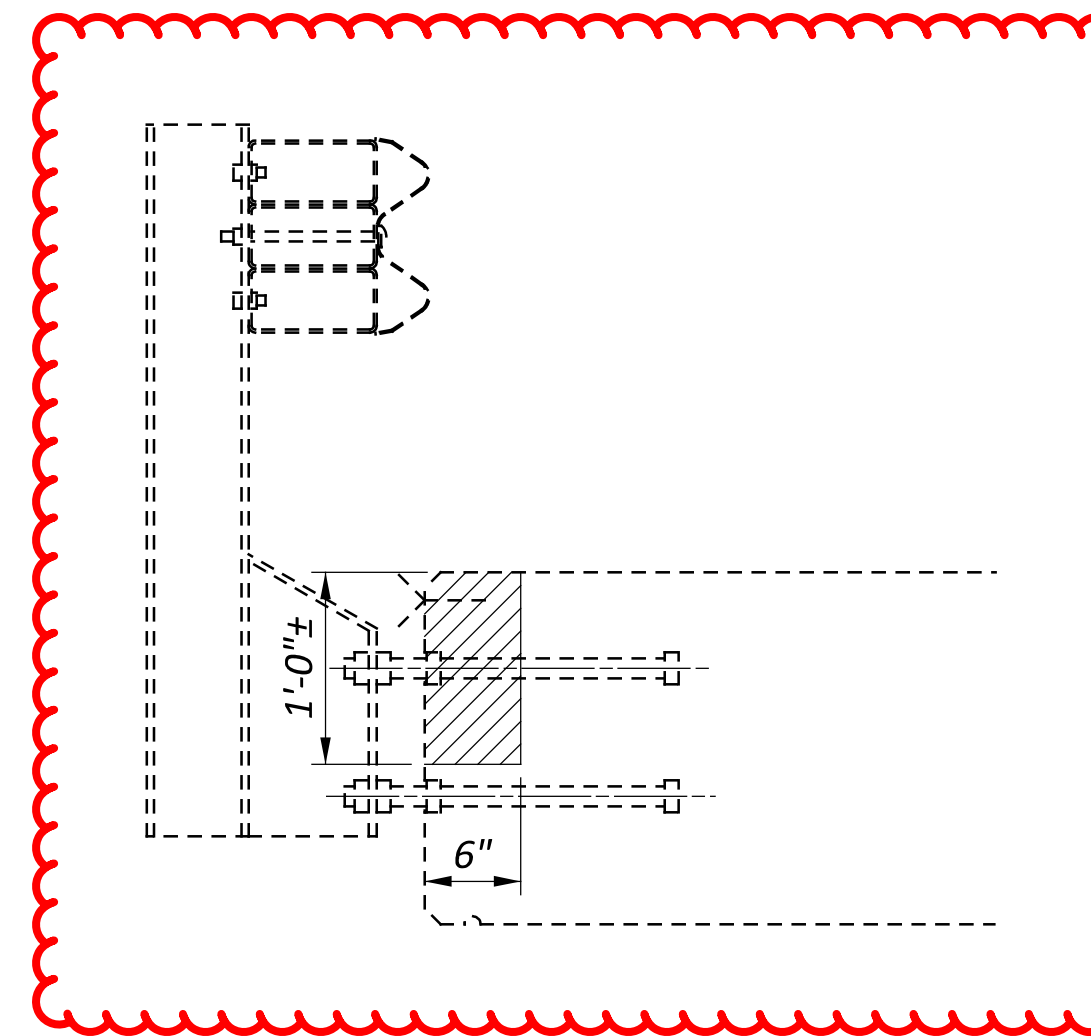
SFN	1601148
DESIGN AGENCY	
DESIGNER	CHECKER
JKS	TAG
REVIEWER	
JKS 03/06/26	
PROJECT ID	
124389	
SUBSET	TOTAL
6	30
SHEET	TOTAL
P.16	40

ITEM 512 - SEALING CONCRETE BRIDGE DECK WITH HMWM, AS PER PLAN										
DESCRIPTION	#		L		W				C.F.	SQ YD
BRIDGE DECK	1	x	193.14	x	32	x			9	686.7
		x		x		x				
TOTAL CARRIED TO GENERAL SUMMARY =										687
ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (DECK EDGES)										
DESCRIPTION	#		L		H				C.F.	SQ FT
DETAIL A	1	x	52	x	2.8333	x			1	147.3
DETAIL B	1	x	68	x	1	x			1	68.0
		x		x		x				
TOTAL CARRIED TO GENERAL SUMMARY =										215
ITEM 519 - PATCHING CONCRETE BRIDGE DECK - TYPE B										
DESCRIPTION	%		L		W				C.F.	SQ YD
BRIDGE DECK	10%	x	193.14	x	32	x			9	68.7
		x		x		x				
TOTAL CARRIED TO GENERAL SUMMARY =										69
ITEM 614 - WORK ZONE CENTER LINE, CLASS III, 6", 642 PAINT										
DESCRIPTION	#		L						C.F.	MILE
BRIDGE DECK	1	x	193.14	x		x			5280	0.04
		x		x		x				
TOTAL CARRIED TO GENERAL SUMMARY =										0.04
ITEM 614 - WORK ZONE EDGE LINE, CLASS III, 642 PAINT										
DESCRIPTION	#		L		W		T		C.F.	MILE
BRIDGE DECK	2	x	193.14	x		x			5280	0.07
		x		x		x				
TOTAL CARRIED TO GENERAL SUMMARY =										0.07
ITEM 642 - EDGE LINE, 6", TYPE 1										
DESCRIPTION	#		L						C.F.	MILE
BRIDGE DECK	2	x	193.14	x		x			5280	0.07
		x		x		x				
TOTAL CARRIED TO GENERAL SUMMARY =										0.07
ITEM 642 - CENTER LINE, TYPE 1										
DESCRIPTION	#		L		W		T		C.F.	MILE
BRIDGE DECK	1	x	193.14	x		x			5280	0.04
		x		x		x				
TOTAL CARRIED TO GENERAL SUMMARY =										0.04



DETAIL A

 ITEM 519 PATCHING CONCRETE STRUCTURE, AS PER PLAN (DECK EDGES)



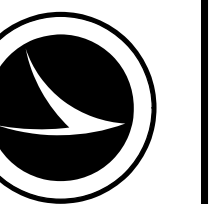
DETAIL B

 ITEM 519 PATCHING CONCRETE STRUCTURE, AS PER PLAN (DECK EDGES)

ESTIMATED QUANTITIES  
 BRIDGE NO. COS-60-2687  
 OVER KILLBUCK CREEK

SFN  
 1601148

DESIGN AGENCY



DESIGNER: JKS  
 CHECKER: TAG

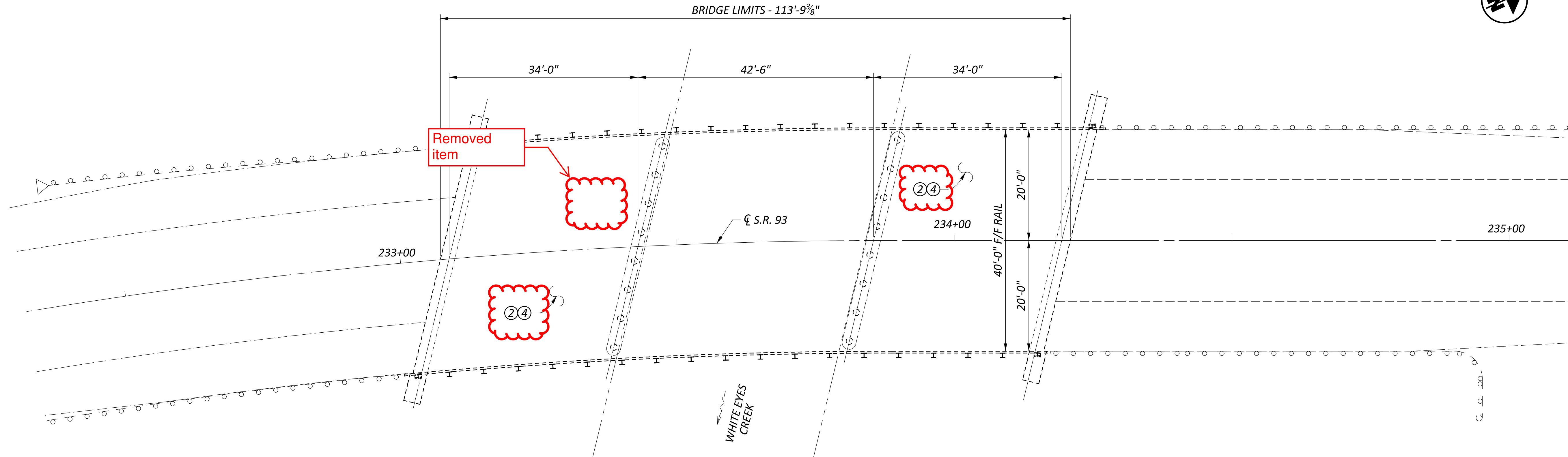
REVIEWER: JKS  
 DATE: 03/06/26

PROJECT ID

124389

SUBSET TOTAL  
 7 30

SHEET TOTAL  
 P.17 40



- ① ITEM 202 - REMOVAL MISC. POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM
- ② ITEM 846 - POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM
- ③ ITEM 512 - SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN, AS PER PLAN
- ④ ITEM 516 - 2" DEEP JOINT SEALER, AS PER PLAN
- ⑤ ITEM 519 - PATCHING CONCRETE BRIDGE DECKS, TYPE B
- ⑥ ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (DECK EDGES)
- ⑦ ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (PIERS)

EXISTING STRUCTURE	
TYPE:	CONTINUOUS REINFORCED CONCRETE SLAB WITH CAPPED PILE SUBSTRUCTURES
SPANS:	34' - 42'-6" - 34' C/C BEARINGS
ROADWAY:	40'-0" F/F BRIDGE RAIL
LOADING:	CF-130 (57)
SKEW:	15° LEFT FORWARD
WEARING SURFACE:	1.25" LATEX CONCRETE OVERLAY
APPROACH SLABS:	25' LONG (AS-1-81)
ALIGNMENT:	SPIRAL TO R.C.
CROWN:	0.083 '/' SUPERELEVATION
DATE BUILT:	1961 WITH 2015 REHAB
DISPOSITION:	PATCH DECK AND SEAL WITH HMWM.

SFN	1602071
DESIGN AGENCY	
DESIGNER	CHECKER
JKS	TAG
REVIEWER	
JKS	03/06/26
PROJECT ID	
124389	
SUBSET	TOTAL
8	30
SHEET	TOTAL
P.18	40

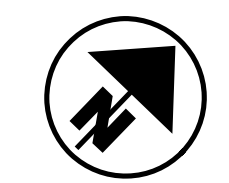
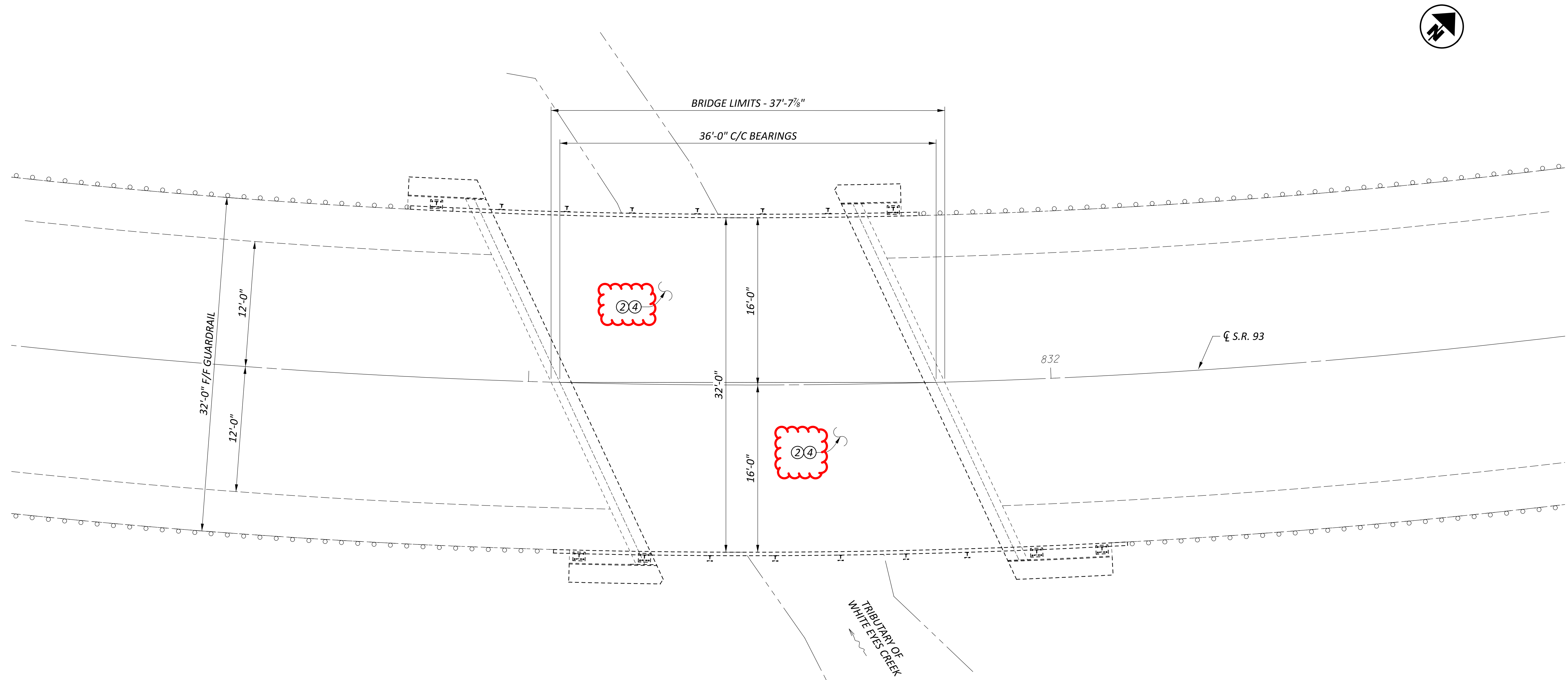
GENERAL PLAN  
 BRIDGE NO. COS-93-1466  
 OVER WHITE EYES CREEK

Removed item

ITEM 512 - SEALING CONCRETE BRIDGE DECK WITH HMWM, AS PER PLAN										
DESCRIPTION	#		L		W				C.F.	SQ YD
BRIDGE DECK	1	x	113.78	x	40	x			÷ 9 =	505.7
		x		x		x			÷ =	
<b>TOTAL CARRIED TO GENERAL SUMMARY =</b>										505.7
<del>ITEM 515 - PATCHING CONCRETE BRIDGE DECK TYPE B</del>										
DESCRIPTION	%		L		W				C.F.	SQ YD
BRIDGE DECK	5%	x	113.78	x	40	x			÷ 9 =	25.3
		x		x		x			÷ =	
<b>TOTAL CARRIED TO GENERAL SUMMARY =</b>										25
ITEM 614 - WORK ZONE CENTER LINE, CLASS III, 6", 642 PAINT										
DESCRIPTION	#		L						C.F.	MILE
BRIDGE DECK	1	x	113.78	x		x			÷ 5280 =	0.02
		x		x		x			÷ =	
<b>TOTAL CARRIED TO GENERAL SUMMARY =</b>										0.02
ITEM 614 - WORK ZONE EDGE LINE, CLASS III, 642 PAINT										
DESCRIPTION	#		L		W		T		C.F.	MILE
BRIDGE DECK	2	x	113.78	x		x			÷ 5280 =	0.04
		x		x		x			÷ =	
<b>TOTAL CARRIED TO GENERAL SUMMARY =</b>										0.04
ITEM 642 - EDGE LINE, 6", TYPE 1										
DESCRIPTION	#		L						C.F.	MILE
BRIDGE DECK	2	x	113.78	x		x			÷ 5280 =	0.04
		x		x		x			÷ =	
<b>TOTAL CARRIED TO GENERAL SUMMARY =</b>										0.04
ITEM 642 - CENTER LINE, TYPE 1										
DESCRIPTION	#		L		W		T		C.F.	MILE
BRIDGE DECK	1	x	113.78	x		x			÷ 5280 =	0.02
		x		x		x			÷ =	
<b>TOTAL CARRIED TO GENERAL SUMMARY =</b>										0.02

ESTIMATED QUANTITIES  
 BRIDGE NO. COS-93-1466  
 OVER WHITE EYES CREEK

SFN	1602071
DESIGN AGENCY	
DESIGNER	CHECKER
JKS	TAG
REVIEWER	
JKS	03/06/26
PROJECT ID	
124389	
SUBSET	TOTAL
9	30
SHEET	TOTAL
P.19	40




- ① ITEM 202 - REMOVAL MISC: POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM
- ② ITEM 846 - POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM
- ③ ITEM 512 - SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN, AS PER PLAN
- ④ ITEM 516 - 2" DEEP JOINT SEALER, AS PER PLAN
- ⑤ ITEM 519 - PATCHING CONCRETE BRIDGE DECKS, TYPE B
- ⑥ ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (DECK EDGES)
- ⑦ ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (PIERS)

<b>EXISTING STRUCTURE</b>		SFN	1602102
TYPE: SINGLE SPAN CONCRETE SLAB BRIDGE ON CAPPED PILE ABUTMENTS		DESIGN AGENCY	
SPANS: 36'-0" C/C BEARINGS			
ROADWAY: 32'-0" F/F BRIDGE RAIL			
LOADING: HL-93		DESIGNER	CHECKER
SKEW: 25° RIGHT FORWARD		JKS	TAG
WEARING SURFACE: 1" MONOLITHIC CONCRETE		REVIEWER	
APPROACH SLABS: 20' LONG (AS-1-81)		JKS	
ALIGNMENT: 8° 44' 16" CURVE LEFT		PROJECT ID	
CROWN: 0.073 '/' SUPERELEVATION		124389	
DATE BUILT: 2020		SUBSET	TOTAL
DISPOSITION: PATCH DECK AND SEAL WITH HMWM		10	30
		SHEET	TOTAL
		P.20	40

ITEM 512 - SEALING CONCRETE BRIDGE DECK WITH HMWM, AS PER PLAN												
DESCRIPTION	#		L		W					C.F.		SQ YD
BRIDGE DECK	1	x	37.67		x	32		x		÷	9	= 133.9
		x			x			x		÷		=
TOTAL CARRIED TO GENERAL SUMMARY =											134	
ITEM 519 - PATCHING CONCRETE BRIDGE DECK - TYPE B												
DESCRIPTION	%		L		W					C.F.		SQ YD
BRIDGE DECK	2%	x	37.67		x	32		x		÷	9	= 2.7
		x			x			x		÷		=
TOTAL CARRIED TO GENERAL SUMMARY =											3	
ITEM 614 - WORK ZONE CENTER LINE, CLASS III, 6", 642 PAINT												
DESCRIPTION	#		L							C.F.		MILE
BRIDGE DECK	1	x	37.67		x			x		÷	5280	= 0.01
		x			x			x		÷		=
TOTAL CARRIED TO GENERAL SUMMARY =											0.01	
ITEM 614 - WORK ZONE EDGE LINE, CLASS III, 642 PAINT												
DESCRIPTION	#		L		W		T			C.F.		MILE
BRIDGE DECK	2	x	37.67		x			x		÷	5280	= 0.01
		x			x			x		÷		=
TOTAL CARRIED TO GENERAL SUMMARY =											0.01	
ITEM 642 - EDGE LINE, 6", TYPE 1												
DESCRIPTION	#		L							C.F.		MILE
BRIDGE DECK	2	x	37.67		x			x		÷	5280	= 0.01
		x			x			x		÷		=
TOTAL CARRIED TO GENERAL SUMMARY =											0.01	
ITEM 642 - CENTER LINE, TYPE 1												
DESCRIPTION	#		L		W		T			C.F.		MILE
BRIDGE DECK	1	x	37.67		x			x		÷	5280	= 0.01
		x			x			x		÷		=
TOTAL CARRIED TO GENERAL SUMMARY =											0.01	

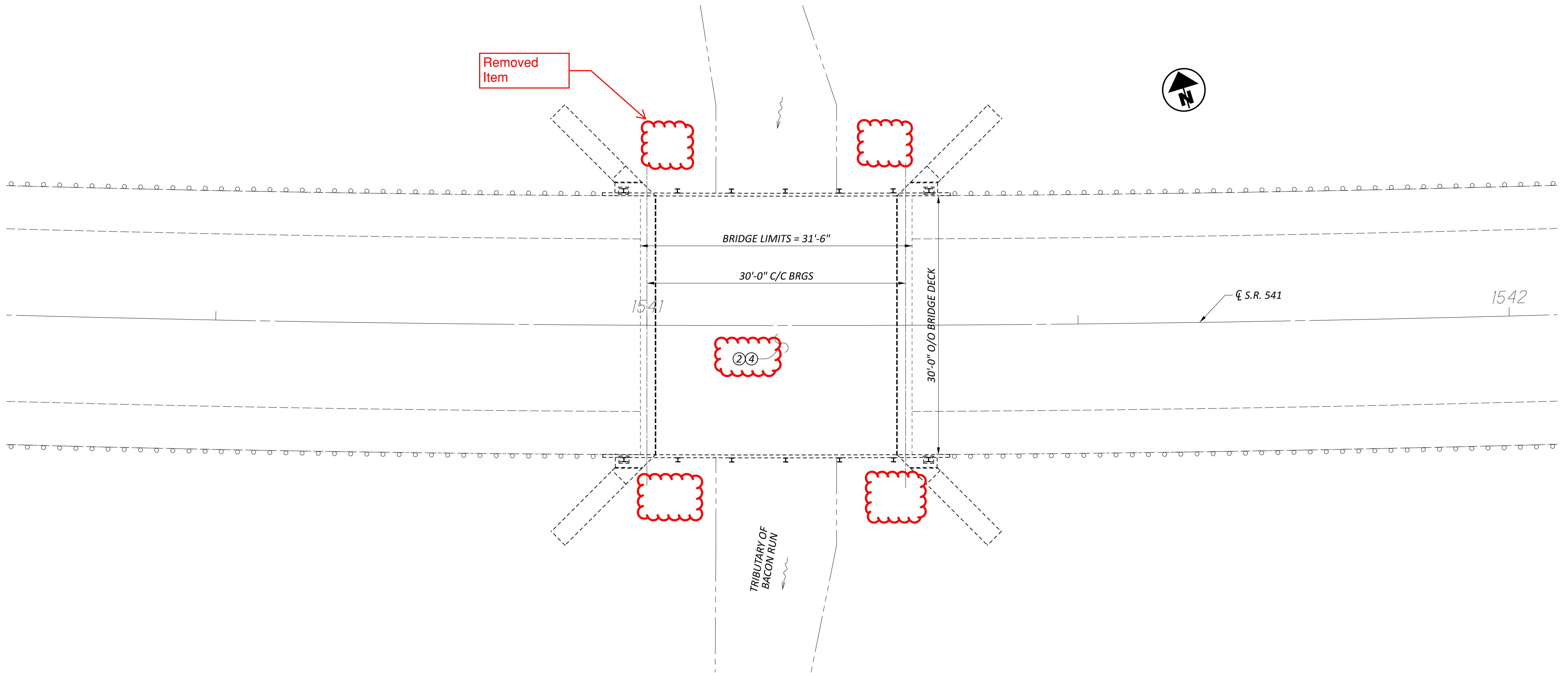
ESTIMATED QUANTITIES  
 BRIDGE NO. COS-93-1576  
 OVER TRIBUTARY OF WHITE EYES CREEK

SFN  
 1602102  
 DESIGN AGENCY



DESIGNER: JKS  
 CHECKER: TAG  
 REVIEWER: JKS 03/06/26  
 PROJECT ID: 124389

SUBSET	TOTAL
11	30
SHEET	TOTAL
P.21	40



- ① ITEM 202 - REMOVAL MISC: POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM
- ② ITEM 846 - POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM
- ③ ITEM 512 - SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN, AS PER PLAN
- ④ ITEM 516 - 2" DEEP JOINT SEALER, AS PER PLAN
- ⑤ ITEM 519 - PATCHING CONCRETE BRIDGE DECKS, TYPE B
- ⑥ ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (DECK EDGES)
- ⑦ ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (PIERS)

EXISTING STRUCTURE	
TYPE:	SINGLE SPAN CONCRETE SLAB
SPANS:	30'-0" C/C BEARING
ROADWAY:	30'-0" F/F BRIDGE RAIL
LOADING:	HL-93
SKEW:	0°
WEARING SURFACE:	1" MONOLITHIC CONCRETE
APPROACH SLABS:	30' LONG (AS-1-81)
ALIGNMENT:	1° 45' 0" LEFT CURVE
CROWN:	0.045 ' /' SUPERELEVATION
DATE BUILT:	2015
DISPOSITION:	PATCH DECK AND SEAL WITH HMWM

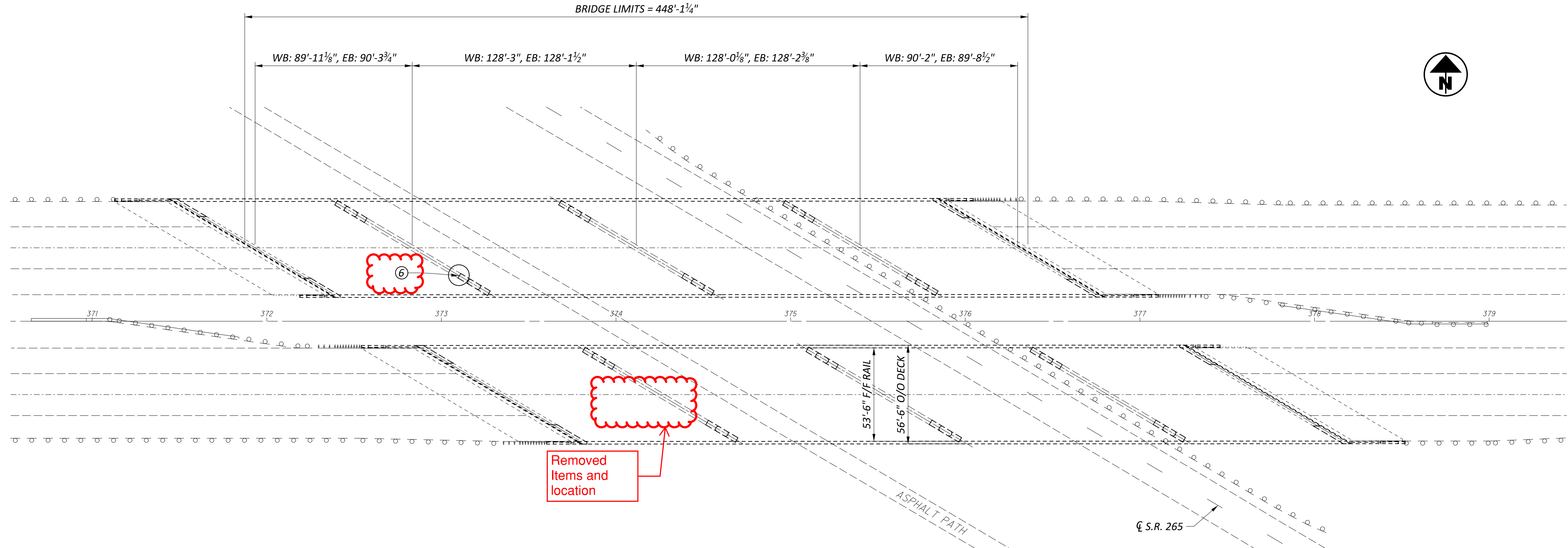
SFN	1602527
DESIGN AGENCY	
DESIGNER	CHECKER
JKS	TAG
REVIEWER	
JKS 03/06/26	
PROJECT ID	
124389	
SUBSET	TOTAL
12	30
SHEET	TOTAL
P.22	40

Removed Item

ITEM 512 - SEALING CONCRETE BRIDGE DECK WITH HMWM, AS PER PLAN												
DESCRIPTION	#		L		W					C.F.		SQ YD
BRIDGE DECK	1	x	31.5		x	30		x		÷	9	= 105.0
		x			x			x		÷		=
TOTAL CARRIED TO GENERAL SUMMARY =											105	
ITEM 519 - PATCHING CONCRETE BRIDGE DECK - TYPE B												
DESCRIPTION	%		L		W					C.F.		SQ YD
BRIDGE DECK	5%	x	31.5		x	30		x		÷	9	= 5.3
		x			x			x		÷		=
TOTAL CARRIED TO GENERAL SUMMARY =											5	
ITEM 614 - WORK ZONE CENTER LINE, CLASS III, 6", 642 PAINT												
DESCRIPTION	#		L							C.F.		MILE
BRIDGE DECK	1	x	31.5		x			x		÷	5280	= 0.01
		x			x			x		÷		=
TOTAL CARRIED TO GENERAL SUMMARY =											0.01	
ITEM 614 - WORK ZONE EDGE LINE, CLASS III, 642 PAINT												
DESCRIPTION	#		L		W		T			C.F.		MILE
BRIDGE DECK	2	x	31.5		x			x		÷	5280	= 0.01
		x			x			x		÷		=
TOTAL CARRIED TO GENERAL SUMMARY =											0.01	
ITEM 642 - EDGE LINE, 6", TYPE 1												
DESCRIPTION	#		L							C.F.		MILE
BRIDGE DECK	2	x	31.5		x			x		÷	5280	= 0.01
		x			x			x		÷		=
TOTAL CARRIED TO GENERAL SUMMARY =											0.01	
ITEM 642 - CENTER LINE, TYPE 1												
DESCRIPTION	#		L		W		T			C.F.		MILE
BRIDGE DECK	1	x	31.5		x			x		÷	5280	= 0.01
		x			x			x		÷		=
TOTAL CARRIED TO GENERAL SUMMARY =											0.01	

ESTIMATED QUANTITIES  
 BRIDGE NO. COS-541-2918  
 OVER TRIBUTARY OF BACON RUN

SFN	1602527
DESIGN AGENCY	
DESIGNER	CHECKER
JKS	TAG
REVIEWER	
JKS	03/06/26
PROJECT ID	
124389	
SUBSET	TOTAL
13	30
SHEET	TOTAL
P.23	40

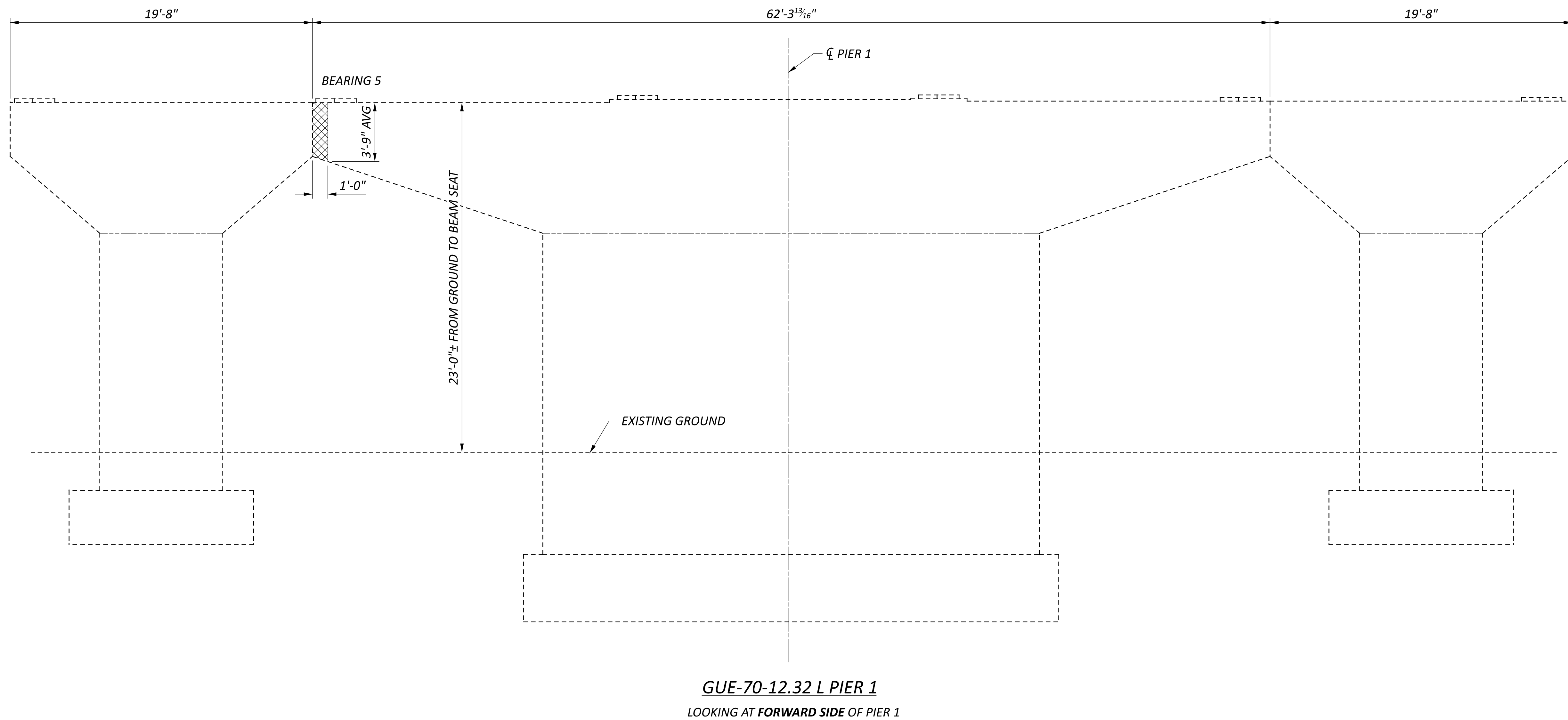
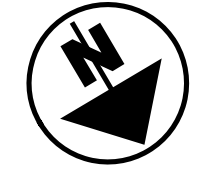
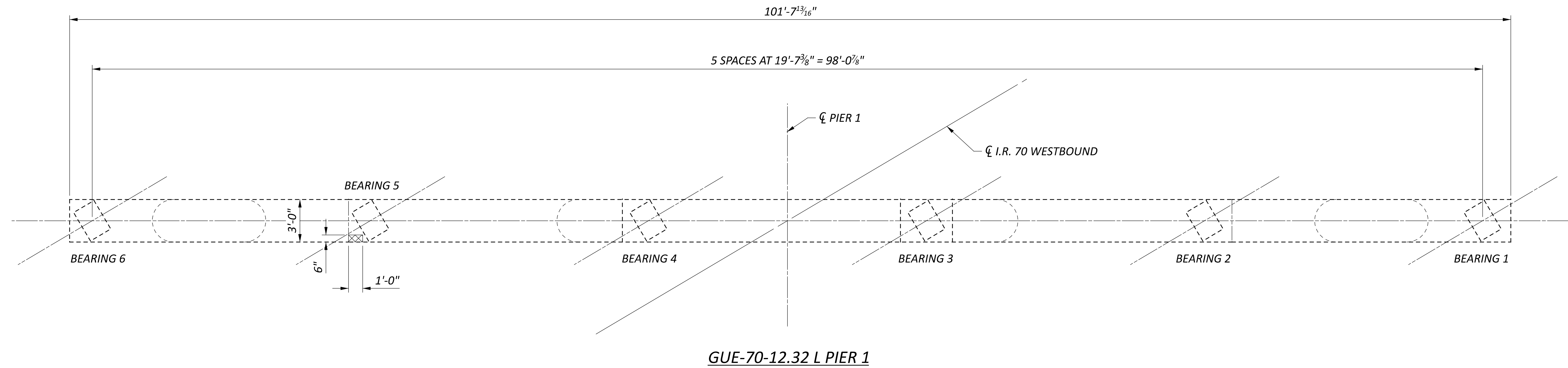


- ① ITEM 202 - REMOVAL MISC. POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM
- ② ITEM 846 - POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM
- ③ ITEM 512 - SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN, AS PER PLAN
- ④ ITEM 516 - 2" DEEP JOINT SEALER, AS PER PLAN
- ⑤ ITEM 519 - PATCHING CONCRETE BRIDGE DECKS, TYPE B
- ⑥ ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (PIERS)

EXISTING STRUCTURE	
TYPE:	4-SPAN CONTINUOUS WELDED STEEL GIRDER WITH REINFORCED CONCRETE DECK AND SUBSTRUCTURES
SPANS:	WB: 89'-11 1/8", 128'-3", 128'-0 1/4", 90'-2" C/C BEARINGS EB: 90'-3 3/4", 128'-1 1/2", 128'-2 3/8", 89'-8 1/2" C/C BEARINGS
ROADWAY:	53'-6" TOE/TOE PARAPETS
LOADING:	HS-20 WITH ALTERNATE MILITARY LOADING AND 60 PSF FUTURE WEARING SURFACE
SKEW:	59° 20' 53" RIGHT FORWARD
WEARING SURFACE:	1" MONOLITHIC CONCRETE
APPROACH SLABS:	30' LONG (AS-1-81)
ALIGNMENT:	TANGENT
CROWN:	0.0156 '/'
DATE BUILT:	1965 WITH 2015 REHAB
DISPOSITION:	WB - PATCH PIER SEAT ON PIER 1 AT BEAM 5

GENERAL PLAN  
 BRIDGE NO. GUE-70-1232 L&R  
 OVER S.R. 265

SFN	3001474
SFN	3001504
DESIGN AGENCY	
DESIGNER	JKS
CHECKER	TAG
REVIEWER	JKS
PROJECT ID	124389
SUBSET	TOTAL
14	30
SHEET	TOTAL
P.24	40

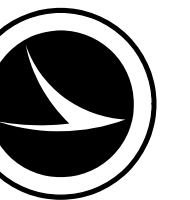


EXISTING PIER 1  
 BRIDGE NO. GUE-70-1232 L  
 OVER S.R. 265

SFN 3001474

SFN 3001504

DESIGN AGENCY



DESIGNER	CHECKER
JKS	TAG

REVIEWER	
JKS	03/06/26

PROJECT ID  
 124389

SUBSET	TOTAL
15	30

SHEET	TOTAL
P.25	40

ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (PIERS)													
DESCRIPTION	#		L		W					C.F.		SQ FT	
FORWARD SIDE OF PIER 1 AT BEAM 5	1	x	3.75		x	1		x		÷	1	=	3.8
		x			x			x		÷		=	
TOTAL CARRIED TO GENERAL SUMMARY =												4	



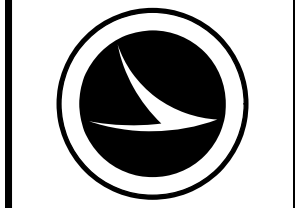
Removed items and location

ESTIMATED QUANTITIES  
 BRIDGE NO. GUE-70-1232 L&R  
 OVER S.R. 265

SFN 3001474

SFN 3001504

DESIGN AGENCY



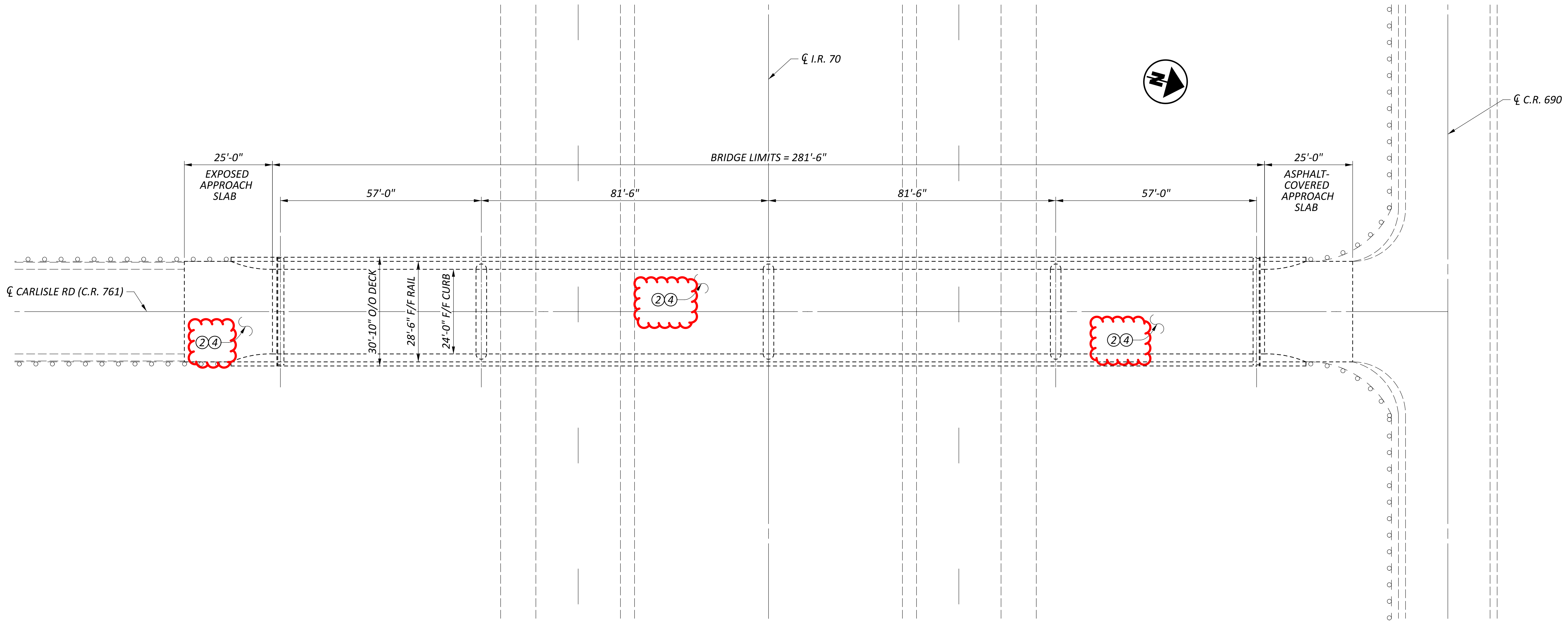
DESIGNER JKS CHECKER TAG

REVIEWER JKS 03/06/26

PROJECT ID 124389

SUBSET TOTAL 16 30

SHEET TOTAL P.26 40



- ① ITEM 202 - REMOVAL MISC. POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM
- ② ITEM 846 - POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM
- ③ ITEM 512 - SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN, AS PER PLAN
- ④ ITEM 516 - 2" DEEP JOINT SEALER, AS PER PLAN
- ⑤ ITEM 519 - PATCHING CONCRETE BRIDGE DECKS, TYPE B
- ⑥ ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (DECK EDGES)
- ⑦ ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (PIERS)

<b>EXISTING STRUCTURE</b>		SFN 3002047
TYPE: CONTINUOUS STEEL BEAM WITH REINFORCED CONCRETE SUBSTRUCTURES		DESIGN AGENCY 
SPANS: 57' - 81.5' - 81.5' - 57' C/C BEARINGS		DESIGNER JKS
ROADWAY: 24'-0" TOE/TOE SAFETY CURB		CHECKER TAG
LOADING: CF-30 (57)		REVIEWER JKS
SKEW: NONE		PROJECT ID 124389
WEARING SURFACE: 1.25" MICRO-SILICA OVERLAY		SUBSET TOTAL 17 30
APPROACH SLABS: 25' LONG (AS-1-54)		SHEET TOTAL P.27 40
ALIGNMENT: TANGENT		
CROWN: 0.0156 '/'		
DATE BUILT: 1965		
DISPOSITION: PATCH DECK AND SEAL WITH HMWM		

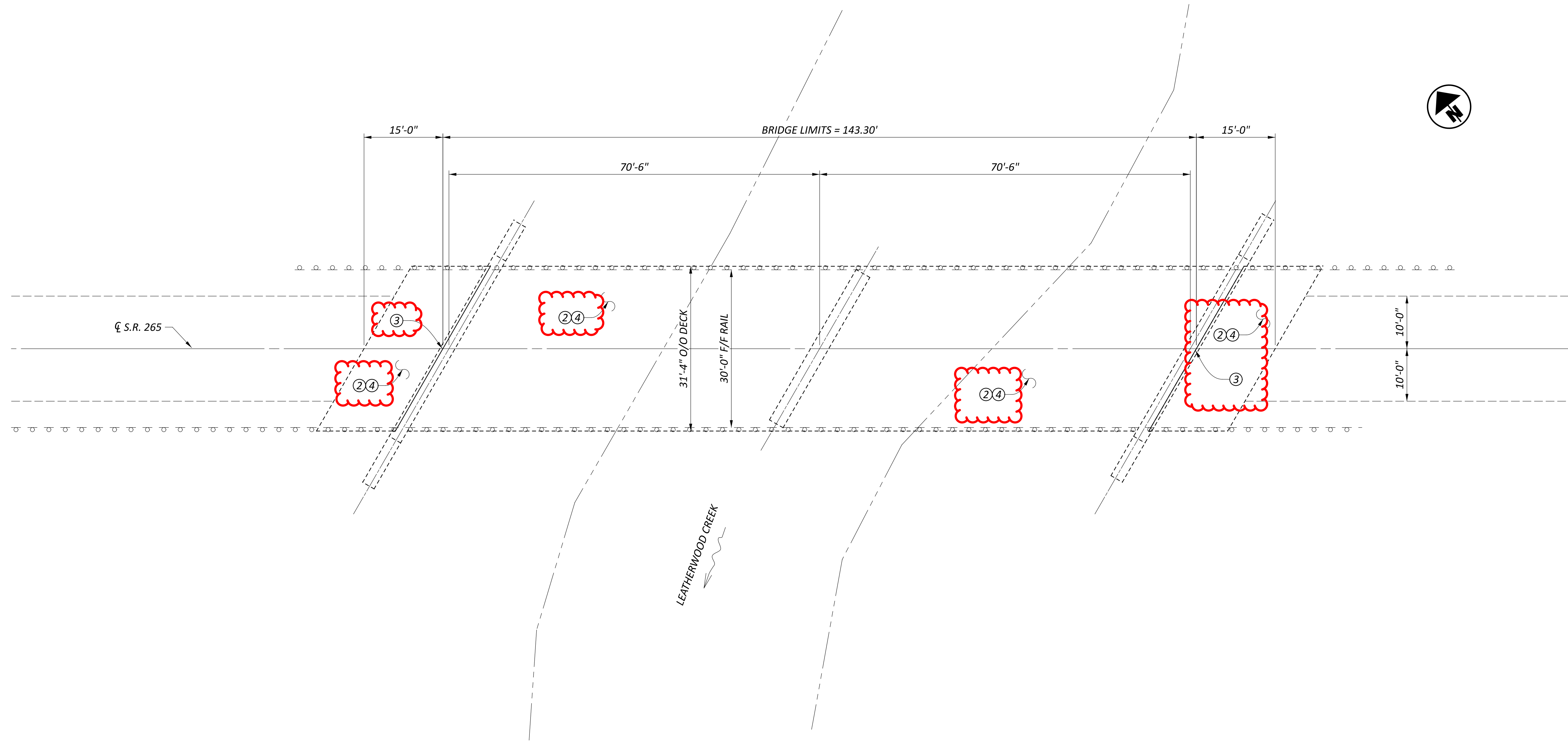
GENERAL PLAN  
 BRIDGE NO. GUE-70-2153  
 I.R. 70 UNDER CARLISLE RD (C.R. 761)

ITEM 512 - SEALING CONCRETE BRIDGE DECK WITH HMWM, AS PER PLAN												
DESCRIPTION	#		L			W				C.F.		SQ YD
BRIDGE DECK	1	x	281.5		x	30.5		x		9	=	954.0
APPROACH SLAB	1	x	25		x	30.5		x		9	=	84.7
		x			x			x			=	
TOTAL CARRIED TO GENERAL SUMMARY =												1039
ITEM 519 - PATCHING CONCRETE BRIDGE DECK - TYPE B												
DESCRIPTION	%		L			W				C.F.		SQ YD
BRIDGE DECK	10%	x	281.5		x	30.5		x		9	=	95.4
APPROACH SLAB	10%	x	25		x	30.5		x		9	=	8.5
		x			x			x			=	
TOTAL CARRIED TO GENERAL SUMMARY =												104
ITEM 614 - WORK ZONE CENTER LINE, CLASS III, 6", 642 PAINT												
DESCRIPTION	#		L			T				C.F.		MILE
BRIDGE DECK	1	x	281.5		x			x		5280	=	0.05
APPROACH SLAB	1	x	25		x			x		5280	=	0.00
		x			x			x			=	
TOTAL CARRIED TO GENERAL SUMMARY =												0.06
ITEM 642 - CENTER LINE, TYPE 1												
DESCRIPTION	#		L			T				C.F.		MILE
BRIDGE DECK	1	x	281.5		x			x		5280	=	0.05
APPROACH SLAB	1	x	25		x			x		5280	=	0.00
		x			x			x			=	
TOTAL CARRIED TO GENERAL SUMMARY =												0.06

ESTIMATED QUANTITIES  
 BRIDGE NO. GUE-70-2153  
 I.R. 70 UNDER CARLISLE RD (C.R. 761)

SFN	3002047
DESIGN AGENCY	
DESIGNER	CHECKER
JKS	TAG
REVIEWER	
JKS	03/06/26
PROJECT ID	
124389	
SUBSET	TOTAL
18	30
SHEET	TOTAL
P.28	40

- ① ITEM 202 - REMOVAL MISC. POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM
- ② ITEM 846 - POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM
- ③ ITEM 512 - SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN, AS PER PLAN
- ④ ITEM 516 - 2" DEEP JOINT SEALER, AS PER PLAN
- ⑤ ITEM 519 - PATCHING CONCRETE BRIDGE DECKS, TYPE B
- ⑥ ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (DECK EDGES)
- ⑦ ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (PIERS)



EXISTING STRUCTURE	
TYPE:	COMPOSITE STEEL BEAM WITH INTEGRAL REINFORCED CONCRETE SUBSTRUCTURES
SPANS:	70'-6" - 70'-6" C/C BEARINGS
ROADWAY:	30'-0" F/F BRIDGE RAIL
LOADING:	HS-20 WITH ALTERNATE MILITARY
SKEW:	30° LEFT FORWARD
WEARING SURFACE:	1" MONOLITHIC CONCRETE
APPROACH SLABS:	15' LONG (AS-1-81)
ALIGNMENT:	TANGENT
CROWN:	0.016 '/'
DATE BUILT:	1984
DISPOSITION:	PATCH DECK AND APPROACH SLABS, SEAL WITH HMWM, REPLACE COMPRESSION SEAL AT APP SLABS

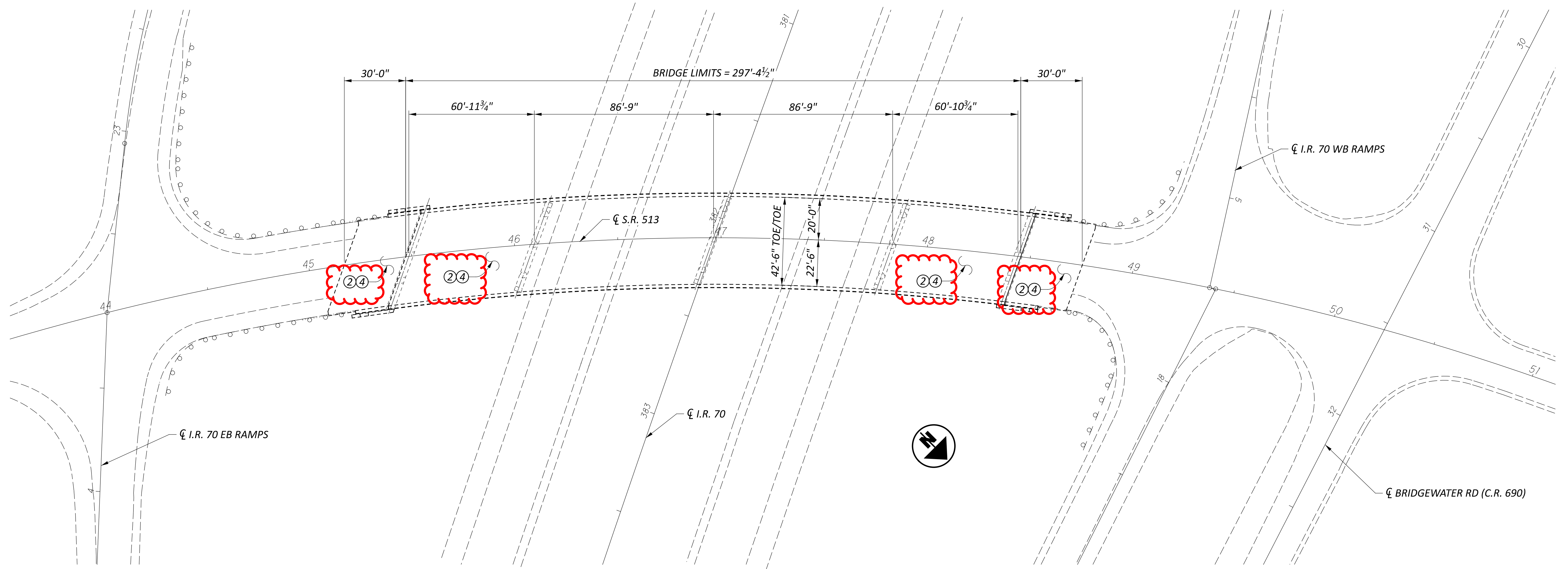
SFN	3004481
DESIGN AGENCY	
DESIGNER	CHECKER
JKS	TAG
REVIEWER	
JKS	03/06/26
PROJECT ID	
124389	
SUBSET	TOTAL
19	30
SHEET	TOTAL
P.29	40

GENERAL PLAN  
 BRIDGE NO. GUE-265-0108  
 OVER LEATHERWOOD CREEK

ITEM 512 - SEALING CONCRETE BRIDGE DECK WITH HMWM, AS PER PLAN												
DESCRIPTION	#		L		W					C.F.		SQ YD
BRIDGE DECK	1	x	143.3	x	30	x				÷ 9	=	477.7
APPROACH SLABS	2	x	15	x	30	x				÷ 9	=	100.0
		x		x		x				÷	=	
TOTAL CARRIED TO GENERAL SUMMARY =												578
ITEM 516 - 2" DEEP JOINT SEALER, AS PER PLAN												
DESCRIPTION	#		L							C.F.		FT
AT APPROACH SLABS	2	x	37.5	x		x				÷ 1	=	75.0
		x		x		x				÷	=	
TOTAL CARRIED TO GENERAL SUMMARY =												75
ITEM 519 - PATCHING CONCRETE BRIDGE DECK - TYPE B												
DESCRIPTION	%		L		W					C.F.		SQ YD
BRIDGE DECK	10%	x	143.3	x	30	x				÷ 9	=	47.8
APPROACH SLABS	10%	x	30	x	30	x				÷ 9	=	10.0
		x		x		x				÷	=	
TOTAL CARRIED TO GENERAL SUMMARY =												58
ITEM 614 - WORK ZONE CENTER LINE, CLASS III, 6", 642 PAINT												
DESCRIPTION	#		L							C.F.		MILE
BRIDGE DECK	1	x	143.3	x		x				÷ 5280	=	0.03
APPROACH SLABS	2	x	15	x		x				÷ 5280	=	0.01
		x		x		x				÷	=	
TOTAL CARRIED TO GENERAL SUMMARY =												0.03
ITEM 614 - WORK ZONE EDGE LINE, CLASS III, 642 PAINT												
DESCRIPTION	#		L		W		T			C.F.		MILE
BRIDGE DECK	2	x	143.3	x		x				÷ 5280	=	0.05
APPROACH SLABS	4	x	15	x		x				÷ 5280	=	0.01
		x		x		x				÷	=	
TOTAL CARRIED TO GENERAL SUMMARY =												0.07
ITEM 642 - EDGE LINE, 6", TYPE 1												
DESCRIPTION	#		L							C.F.		MILE
BRIDGE DECK	2	x	143.3	x		x				÷ 5280	=	0.05
APPROACH SLABS	4	x	15	x		x				÷ 5280	=	0.01
		x		x		x				÷	=	
TOTAL CARRIED TO GENERAL SUMMARY =												0.07
ITEM 642 - CENTER LINE, TYPE 1												
DESCRIPTION	#		L		W		T			C.F.		MILE
BRIDGE DECK	1	x	143.3	x		x				÷ 5280	=	0.03
APPROACH SLABS	2	x	15	x		x				÷ 5280	=	0.01
		x		x		x				÷	=	
TOTAL CARRIED TO GENERAL SUMMARY =												0.03

ESTIMATED QUANTITIES  
 BRIDGE NO. GUE-265-0108  
 OVER LEATHERWOOD CREEK

SFN	3004481
DESIGN AGENCY	
DESIGNER	CHECKER
JKS	TAG
REVIEWER	
JKS	03/06/26
PROJECT ID	
124389	
SUBSET	TOTAL
20	30
SHEET	TOTAL
P.30	40



- ① ITEM 202 - REMOVAL MISC. POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM
- ② ITEM 846 - POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM
- ③ ITEM 512 - SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN, AS PER PLAN
- ④ ITEM 516 - 2" DEEP JOINT SEALER, AS PER PLAN
- ⑤ ITEM 519 - PATCHING CONCRETE BRIDGE DECKS, TYPE B
- ⑥ ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (DECK EDGES)
- ⑦ ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (PIERS)

EXISTING STRUCTURE	
TYPE:	CONTINUOUS CURVED STEEL BEAM WITH SEMI-INTEGRAL ABUTMENTS AND CAP-AND-COLUMN PIERS
SPANS:	60'-11.75" - 86'-9" - 86'-9" - 60'-10.75" C/C BEARINGS
ROADWAY:	42'-6" TO/TOE PARAPET
LOADING:	HL-93 WITH ALTERNATE MILITARY
SKEW:	19° 32' 07" LEFT FORWARD FROM REFERENCE CHORD
WEARING SURFACE:	1" MONOLITHIC CONCRETE
APPROACH SLABS:	30' LONG (AS-1-16)
ALIGNMENT:	4° 45' RIGHT CURVE
CROWN:	0.06' /' SUPERELEVATION
DATE BUILT:	2018
DISPOSITION:	PATCH DECK AND APPROACH SLABS, SEAL WITH HMWM

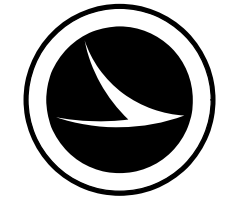
SFN	3005887
DESIGN AGENCY	
DESIGNER	CHECKER
JKS	TAG
REVIEWER	
JKS 03/06/26	
PROJECT ID	
124389	
SUBSET	TOTAL
21	30
SHEET	TOTAL
P.31	40

GENERAL PLAN  
 BRIDGE NO. GUE-513-0871  
 OVER I.R. 70

ITEM 512 - SEALING CONCRETE BRIDGE DECK WITH HMWM, AS PER PLAN												
DESCRIPTION	#		L		W					C.F.		SQ YD
BRIDGE DECK	1	x	297.38		x	42.5		x		÷	9	= 1404.3
APPROACH SLABS	2	x	30		x	42.5		x		÷	9	= 283.3
		x			x			x		÷		=
TOTAL CARRIED TO GENERAL SUMMARY =												1688
ITEM 519 - PATCHING CONCRETE BRIDGE DECK - TYPE B												
DESCRIPTION	%		L		W					C.F.		SQ YD
BRIDGE DECK	2%	x	297.38		x	42.5		x		÷	9	= 28.1
APPROACH SLABS	2%	x	60		x	42.5		x		÷	9	= 5.7
		x			x			x		÷		=
TOTAL CARRIED TO GENERAL SUMMARY =												34
ITEM 614 - WORK ZONE CENTER LINE, CLASS III, 6", 642 PAINT												
DESCRIPTION	#		L							C.F.		MILE
BRIDGE DECK	1	x	297.38		x			x		÷	5280	= 0.06
APPROACH SLABS	2	x	30		x			x		÷	5280	= 0.01
		x			x			x		÷		=
TOTAL CARRIED TO GENERAL SUMMARY =												0.07
ITEM 614 - WORK ZONE EDGE LINE, CLASS III, 642 PAINT												
DESCRIPTION	#		L							C.F.		MILE
BRIDGE DECK	2	x	297.38		x			x		÷	5280	= 0.11
APPROACH SLABS	4	x	30		x			x		÷	5280	= 0.02
		x			x			x		÷		=
TOTAL CARRIED TO GENERAL SUMMARY =												0.14
ITEM 642 - EDGE LINE, 6", TYPE 1												
DESCRIPTION	#		L							C.F.		MILE
BRIDGE DECK	2	x	297.38		x			x		÷	5280	= 0.11
APPROACH SLABS	4	x	30		x			x		÷	5280	= 0.02
		x			x			x		÷		=
TOTAL CARRIED TO GENERAL SUMMARY =												0.14
ITEM 642 - CENTER LINE, TYPE 1												
DESCRIPTION	#		L							C.F.		MILE
BRIDGE DECK	1	x	297.38		x			x		÷	5280	= 0.06
APPROACH SLABS	2	x	30		x			x		÷	5280	= 0.01
		x			x			x		÷		=
TOTAL CARRIED TO GENERAL SUMMARY =												0.07

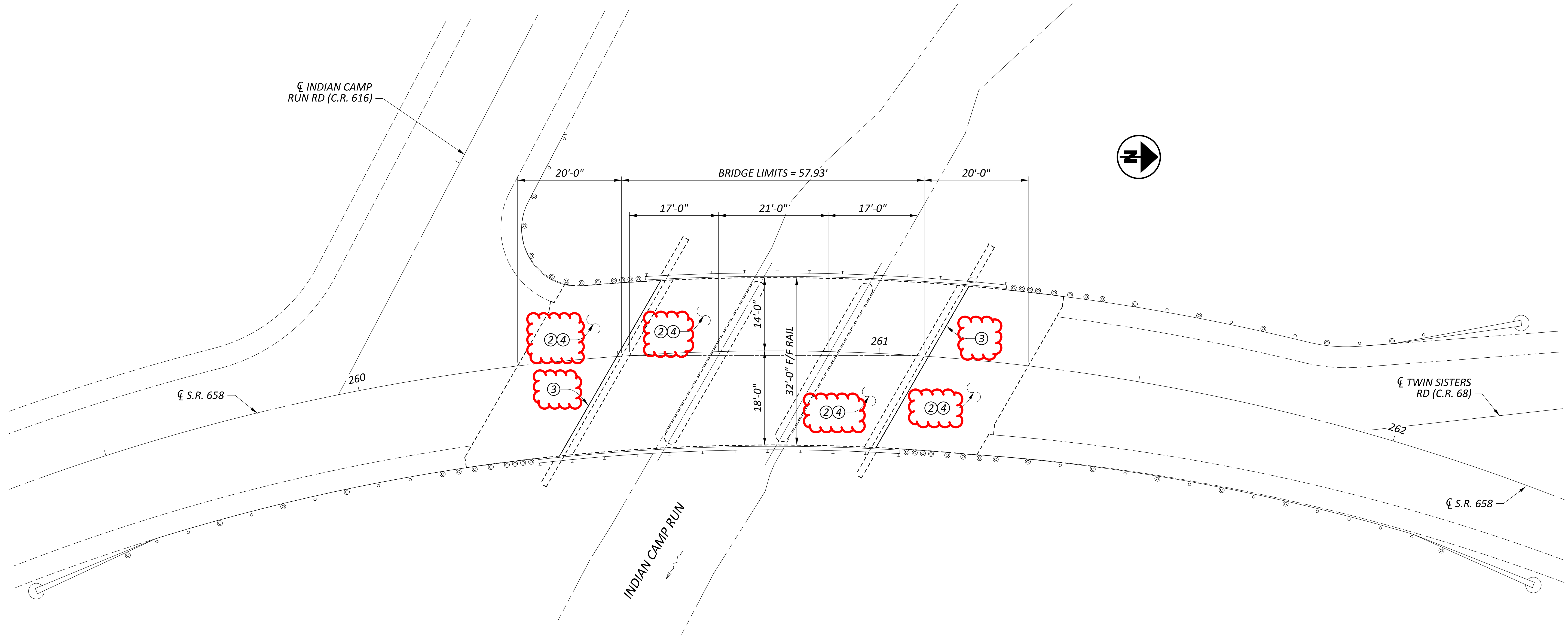
ESTIMATED QUANTITIES  
 BRIDGE NO. GUE-513-0871  
 OVER I.R. 70

SFN  
 3005887  
 DESIGN AGENCY



DESIGNER: JKS  
 CHECKER: TAG  
 REVIEWER: JKS 03/06/26  
 PROJECT ID: 124389

SUBSET	TOTAL
22	30
SHEET	TOTAL
P.32	40



- ① ITEM 202 - REMOVAL MISC. POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM
- ② ITEM 846 - POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM
- ③ ITEM 512 - SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN, AS PER PLAN
- ④ ITEM 516 - 2" DEEP JOINT SEALER, AS PER PLAN
- ⑤ ITEM 519 - PATCHING CONCRETE BRIDGE DECKS, TYPE B
- ⑥ ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (DECK EDGES)
- ⑦ ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (PIERS)

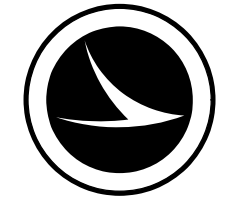
EXISTING STRUCTURE	
TYPE:	CONTINUOUS CONCRETE SLAB WITH CAPPED PILE SUBSTRUCTURES
SPANS:	17' - 21' - 17' F/F ABUTMENTS ALONG REF CHORD
ROADWAY:	32'-0" F/F BRIDGE RAIL
LOADING:	HS-20 WITH ALTERNATE MILITARY
SKEW:	30° LEFT FWD FROM REF CHORD
WEARING SURFACE:	1" MONOLITHIC CONCRETE
APPROACH SLABS:	20' LONG (AS-1-81)
ALIGNMENT:	Dc = 13° 44' 56" RIGHT CURVE
CROWN:	0.06 '/' SUPERELEVATION
DATE BUILT:	1998
DISPOSITION:	PATCH DECK AND APPROACH SLABS, REPLACE JOINT SEALER

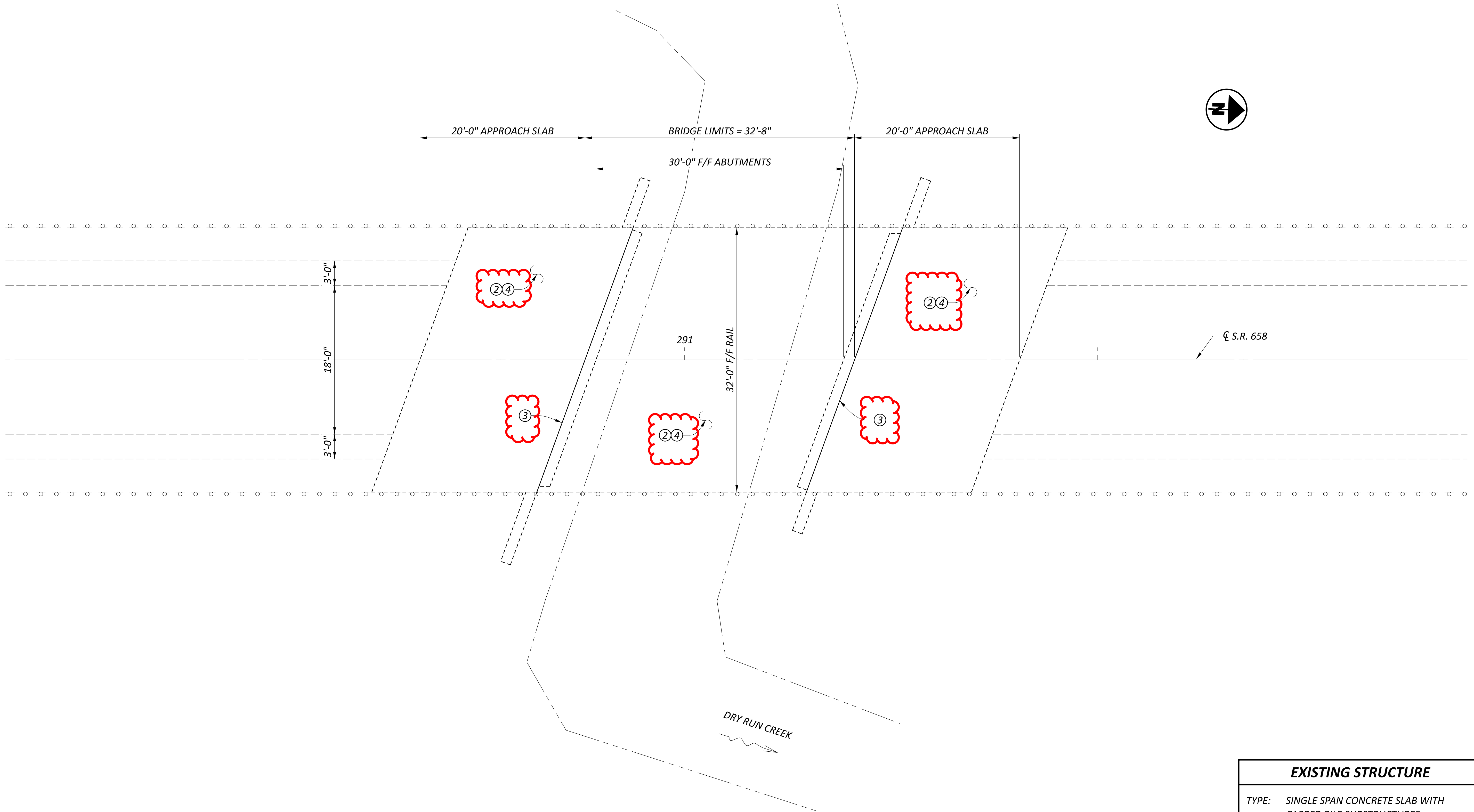
SFN	3006328
DESIGN AGENCY	
DESIGNER	CHECKER
JKS	TAG
REVIEWER	
JKS 03/06/26	
PROJECT ID	
124389	
SUBSET	TOTAL
23	30
SHEET	TOTAL
P.33	40

GENERAL PLAN  
 BRIDGE NO. GUE-658-0489  
 OVER INDIAN CAMP RUN

ITEM 512 - SEALING CONCRETE BRIDGE DECK WITH HMWM, AS PER PLAN												
DESCRIPTION	#		L		W				C.F.			SQ YD
BRIDGE DECK	1	x	57.93		32		x		÷	9	=	206.0
APPROACH SLABS	2	x	20		32		x		÷	9	=	142.2
		x					x		÷		=	
TOTAL CARRIED TO GENERAL SUMMARY =												348
ITEM 516 - 2" DEEP JOINT SEALER, AS PER PLAN												
DESCRIPTION	#		L						C.F.			FT
AT APPROACH SLABS	2	x	39.75				x		÷	1	=	79.5
		x					x		÷		=	
TOTAL CARRIED TO GENERAL SUMMARY =												80
ITEM 519 - PATCHING CONCRETE BRIDGE DECK - TYPE B												
DESCRIPTION	%		L		W				C.F.			SQ YD
BRIDGE DECK	5%	x	57.93		32		x		÷	9	=	10.3
APPROACH SLABS	5%	x	40		32		x		÷	9	=	7.1
		x					x		÷		=	
TOTAL CARRIED TO GENERAL SUMMARY =												17
ITEM 614 - WORK ZONE CENTER LINE, CLASS III, 6", 642 PAINT												
DESCRIPTION	#		L						C.F.			MILE
BRIDGE DECK	1	x	57.93				x		÷	5280	=	0.01
APPROACH SLABS	2	x	20				x		÷	5280	=	0.01
		x					x		÷		=	
TOTAL CARRIED TO GENERAL SUMMARY =												0.02
ITEM 614 - WORK ZONE EDGE LINE, CLASS III, 642 PAINT												
DESCRIPTION	#		L		W		T		C.F.			MILE
BRIDGE DECK	2	x	57.93				x		÷	5280	=	0.02
APPROACH SLABS	4	x	20				x		÷	5280	=	0.02
		x					x		÷		=	
TOTAL CARRIED TO GENERAL SUMMARY =												0.04
ITEM 642 - EDGE LINE, 6", TYPE 1												
DESCRIPTION	#		L						C.F.			MILE
BRIDGE DECK	2	x	57.93				x		÷	5280	=	0.02
APPROACH SLABS	4	x	20				x		÷	5280	=	0.02
		x					x		÷		=	
TOTAL CARRIED TO GENERAL SUMMARY =												0.04
ITEM 642 - CENTER LINE, TYPE 1												
DESCRIPTION	#		L		W		T		C.F.			MILE
BRIDGE DECK	1	x	57.93				x		÷	5280	=	0.01
APPROACH SLABS	2	x	20				x		÷	5280	=	0.01
		x					x		÷		=	
TOTAL CARRIED TO GENERAL SUMMARY =												0.02

ESTIMATED QUANTITIES  
 BRIDGE NO. GUE-658-0489  
 OVER INDIAN CAMP RUN

SFN  
 3006328  
 DESIGN AGENCY  
  
 DESIGNER: JKS  
 CHECKER: TAG  
 REVIEWER: JKS  
 DATE: 03/06/26  
 PROJECT ID: 124389  
 SUBSET: 24  
 TOTAL: 30  
 SHEET: P.34  
 TOTAL: 40



- ① ITEM 202 - REMOVAL MISC: POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM
- ② ITEM 846 - POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM
- ③ ITEM 512 - SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN, AS PER PLAN
- ④ ITEM 516 - 2" DEEP JOINT SEALER, AS PER PLAN
- ⑤ ITEM 519 - PATCHING CONCRETE BRIDGE DECKS, TYPE B
- ⑥ ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (DECK EDGES)
- ⑦ ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (PIERS)

EXISTING STRUCTURE	
TYPE:	SINGLE SPAN CONCRETE SLAB WITH CAPPED PILE SUBSTRUCTURES
SPANS:	30' F/F ABUTMENTS
ROADWAY:	32'-0" F/F BRIDGE RAIL
LOADING:	HS-20-44 CASE II WITH ALT. MIL.
SKEW:	20° LEFT FORWARD
WEARING SURFACE:	1" MONOLITHIC CONCRETE
APPROACH SLABS:	20' LONG (AS-1-81)
ALIGNMENT:	TANGENT
CROWN:	0.02' /' LT, 0.05' /' RT SUPERELEVATION
DATE BUILT:	1995
DISPOSITION:	PATCH DECK AND APPROACH SLABS SEAL WITH HMWM, REPLACE JOINT SEALER AT APPROACH SLABS

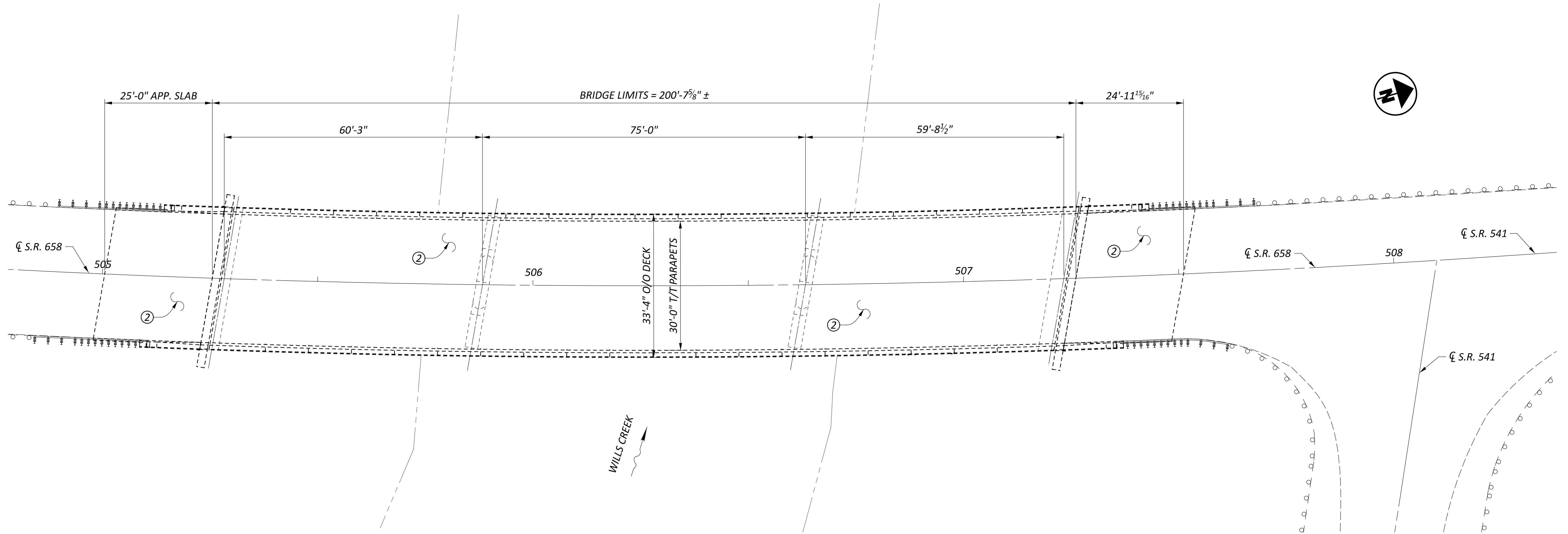
SFN	3006344
DESIGN AGENCY	
DESIGNER	CHECKER
JKS	TAG
REVIEWER	
JKS	03/06/26
PROJECT ID	
124389	
SUBSET	TOTAL
25	30
SHEET	TOTAL
P.35	40

GENERAL PLAN  
 BRIDGE NO. GUE-658-0546  
 OVER DRY RUN CREEK

ITEM 512 - SEALING CONCRETE BRIDGE DECK WITH HMWM, AS PER PLAN												
DESCRIPTION	#		L		W				C.F.			SQ YD
BRIDGE DECK	1	x	32.66		x	32		x		÷	9	= 116.1
APPROACH SLABS	2	x	20		x	32		x		÷	9	= 142.2
		x			x			x		÷		=
<b>TOTAL CARRIED TO GENERAL SUMMARY =</b>											258	
ITEM 516 - 2" DEEP JOINT SEALER, AS PER PLAN												
DESCRIPTION	#		L						C.F.			FT
AT APPROACH SLABS	2	x	34		x			x		÷	1	= 68.0
		x			x			x		÷		=
<b>TOTAL CARRIED TO GENERAL SUMMARY =</b>											68	
ITEM 519 - PATCHING CONCRETE BRIDGE DECK - TYPE B												
DESCRIPTION	%		L		W				C.F.			SQ YD
BRIDGE DECK	10%	x	32.66		x	32		x		÷	9	= 11.6
APPROACH SLABS	10%	x	40		x	32		x		÷	9	= 14.2
		x			x			x		÷		=
<b>TOTAL CARRIED TO GENERAL SUMMARY =</b>											26	
ITEM 614 - WORK ZONE CENTER LINE, CLASS III, 6", 642 PAINT												
DESCRIPTION	#		L						C.F.			MILE
BRIDGE DECK	1	x	32.66		x			x		÷	5280	= 0.01
APPROACH SLABS	2	x	20		x			x		÷	5280	= 0.01
		x			x			x		÷		=
<b>TOTAL CARRIED TO GENERAL SUMMARY =</b>											0.01	
ITEM 614 - WORK ZONE EDGE LINE, CLASS III, 642 PAINT												
DESCRIPTION	#		L		W		T		C.F.			MILE
BRIDGE DECK	2	x	32.66		x			x		÷	5280	= 0.01
APPROACH SLABS	4	x	20		x			x		÷	5280	= 0.02
		x			x			x		÷		=
<b>TOTAL CARRIED TO GENERAL SUMMARY =</b>											0.03	
ITEM 642 - EDGE LINE, 6", TYPE 1												
DESCRIPTION	#		L						C.F.			MILE
BRIDGE DECK	2	x	32.66		x			x		÷	5280	= 0.01
APPROACH SLABS	4	x	20		x			x		÷	5280	= 0.02
		x			x			x		÷		=
<b>TOTAL CARRIED TO GENERAL SUMMARY =</b>											0.03	
ITEM 642 - CENTER LINE, TYPE 1												
DESCRIPTION	#		L		W		T		C.F.			MILE
BRIDGE DECK	1	x	32.66		x			x		÷	5280	= 0.01
APPROACH SLABS	2	x	20		x			x		÷	5280	= 0.01
		x			x			x		÷		=
<b>TOTAL CARRIED TO GENERAL SUMMARY =</b>											0.01	

ESTIMATED QUANTITIES  
 BRIDGE NO. GUE-658-0546  
 OVER DRY RUN CREEK

SFN	
3006344	
DESIGN AGENCY	
DESIGNER	CHECKER
JKS	TAG
REVIEWER	
JKS 03/06/26	
PROJECT ID	
124389	
SUBSET	TOTAL
26	30
SHEET	TOTAL
P.36	40



- ① ITEM 202 - REMOVAL MISC. POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM  
 ITEM 846 - POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM
- ② ITEM 512 - SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN, AS PER PLAN
- ③ ITEM 516 - 2" DEEP JOINT SEALER, AS PER PLAN
- ④ ITEM 519 - PATCHING CONCRETE BRIDGE DECKS, TYPE B
- ⑤ ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (DECK EDGES)
- ⑥ ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (PIERS)

EXISTING STRUCTURE	
TYPE: CONTINUOUS STEEL BEAM BRIDGE WITH REINFORCED CONCRETE DECK AND REINFORCED CONCRETE SUBSTRUCTURES	
SPANS: 60'-3", 75'-0", 59'-8 1/2" C/C BEARINGS ROADWAY: 30'-0" TOE/TOE PARAPET LOADING: 0.78 REDUCTION FACTOR FOR HL-93 LOADING WITH NO FWS SKEW: 10° LEFT FORWARD WEARING SURFACE: 1" MONOLITHIC CONCRETE APPROACH SLABS: 25'-0" LONG (AS-1-15, AS-2-15) ALIGNMENT: 2° CURVE LEFT SUPERELEVATION: 0.021 FT/FT DATE BUILT: 1962 WITH 2025 REHAB DISPOSITION: SEAL DECK AND APPROACH SLABS WITH HMWM	

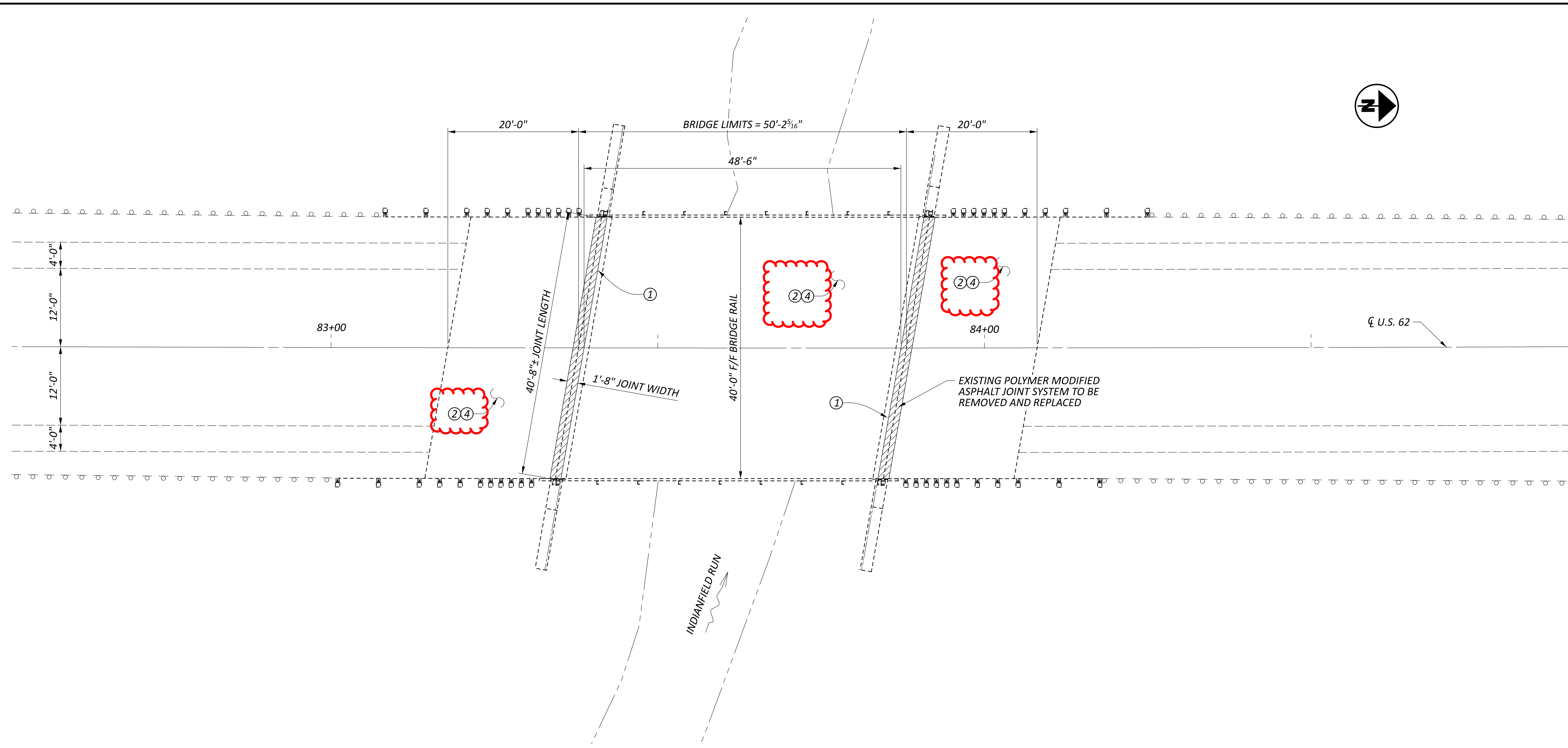
GENERAL PLAN  
 BRIDGE NO. GUE-658-1099  
 OVER WILLS CREEK

SFN 3006395	
DESIGN AGENCY	
DESIGNER	CHECKER
JKS	TAG
REVIEWER	
JKS 03/06/26	
PROJECT ID	
124389	
SUBSET	TOTAL
27	30
SHEET	TOTAL
P.37	40

ITEM 512 - SEALING CONCRETE BRIDGE DECK WITH HMWM, AS PER PLAN												
DESCRIPTION	#		L		W					C.F.		SQ YD
BRIDGE DECK	1	x	200.67		30		x			÷	9	= 668.9
APPROACH SLABS	2	x	25		30		x			÷	9	= 166.7
		x					x			÷		=
TOTAL CARRIED TO GENERAL SUMMARY =												836
ITEM 614 - WORK ZONE CENTER LINE, CLASS III, 6", 642 PAINT												
DESCRIPTION	#		L							C.F.		MILE
BRIDGE DECK	1	x	200.67				x			÷	5280	= 0.04
APPROACH SLABS	2	x	25				x			÷	5280	= 0.01
		x					x			÷		=
TOTAL CARRIED TO GENERAL SUMMARY =												0.05
ITEM 614 - WORK ZONE EDGE LINE, CLASS III, 642 PAINT												
DESCRIPTION	#		L							C.F.		MILE
BRIDGE DECK	2	x	200.67				x			÷	5280	= 0.08
APPROACH SLABS	4	x	25				x			÷	5280	= 0.02
		x					x			÷		=
TOTAL CARRIED TO GENERAL SUMMARY =												0.09
ITEM 642 - EDGE LINE, 6", TYPE 1												
DESCRIPTION	#		L							C.F.		MILE
BRIDGE DECK	2	x	200.67				x			÷	5280	= 0.08
APPROACH SLABS	4	x	25				x			÷	5280	= 0.02
		x					x			÷		=
TOTAL CARRIED TO GENERAL SUMMARY =												0.09
ITEM 642 - CENTER LINE, TYPE 1												
DESCRIPTION	#		L							C.F.		MILE
BRIDGE DECK	1	x	200.67				x			÷	5280	= 0.04
APPROACH SLABS	2	x	25				x			÷	5280	= 0.01
		x					x			÷		=
TOTAL CARRIED TO GENERAL SUMMARY =												0.05

ESTIMATED QUANTITIES  
 BRIDGE NO. GUE-658-1099  
 OVER WILLS CREEK

SFN	3006395
DESIGN AGENCY	
DESIGNER	CHECKER
JKS	TAG
REVIEWER	
JKS	03/06/26
PROJECT ID	
124389	
SUBSET	TOTAL
28	30
SHEET	TOTAL
P.38	40



- ① ITEM 202 - REMOVAL MISC: POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM
- ② ITEM 846 - POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM
- ④ ITEM 516 - 2" DEEP JOINT SEALER, AS PER PLAN
- ⑥ ITEM 519 - PATCHING CONCRETE BRIDGE DECKS, TYPE B
- ⑧ ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (DECK EDGES)
- ⑨ ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN (PIERS)

EXISTING STRUCTURE	
TYPE:	SINGLE SPAN COMPOSITE PRECAST BOX BEAM WITH CAPPED PILE ABUTMENTS
SPANS:	48'-6" C/C BEARINGS
ROADWAY:	40'-0" F/F BRIDGE RAIL
LOADING:	HL-93
SKEW:	10° LEFT FWD FROM REF LINE
WEARING SURFACE:	1" MONOLITHIC CONCRETE
APPROACH SLABS:	20' LONG (AS-1-81)
ALIGNMENT:	0° 32' 33" LEFT CURVE
CROWN:	0.016 '/'
DATE BUILT:	2009
DISPOSITION:	PATCH DECK AND APPROACH SLABS SEAL WITH HMWM, REPAIR POLYMER MODIFIED ASPHALT JOINT

SFN	4202082
DESIGN AGENCY	
DESIGNER	CHECKER
JKS	TAG
REVIEWER	
JKS	03/06/26
PROJECT ID	
124389	
SUBSET	TOTAL
29	30
SHEET	TOTAL
P.39	40

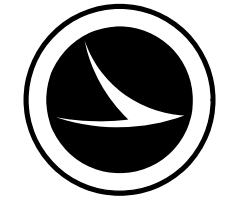
GENERAL PLAN  
 BRIDGE NO. KNO-62-1028  
 OVER INDIANFIELD RUN

ITEM 512 - SEALING CONCRETE BRIDGE DECK WITH HMWM, AS PER PLAN										
DESCRIPTION	#		L		W				C.F.	SQ YD
BRIDGE DECK	1	x	50.3	x	40	x			÷ 9	= 223.6
APPROACH SLABS	2	x	20	x	40	x			÷ 9	= 177.8
		x		x		x			÷	=
TOTAL CARRIED TO GENERAL SUMMARY =										401
ITEM 519 - PATCHING CONCRETE BRIDGE DECK - TYPE B										
DESCRIPTION	%		L		W				C.F.	SQ YD
BRIDGE DECK	5%	x	50.3	x	40	x			÷ 9	= 11.2
APPROACH SLABS	5%	x	40	x	40	x			÷ 9	= 8.9
		x		x		x			÷	=
TOTAL CARRIED TO GENERAL SUMMARY =										20
ITEM 614 - WORK ZONE CENTER LINE, CLASS III, 6", 642 PAINT										
DESCRIPTION	#		L						C.F.	MILE
BRIDGE DECK	1	x	50.3	x		x			÷ 5280	= 0.01
APPROACH SLABS	2	x	20	x		x			÷ 5280	= 0.01
		x		x		x			÷	=
TOTAL CARRIED TO GENERAL SUMMARY =										0.02
ITEM 614 - WORK ZONE EDGE LINE, CLASS III, 642 PAINT										
DESCRIPTION	#		L						C.F.	MILE
BRIDGE DECK	2	x	50.3	x		x			÷ 5280	= 0.02
APPROACH SLABS	4	x	20	x		x			÷ 5280	= 0.02
		x		x		x			÷	=
TOTAL CARRIED TO GENERAL SUMMARY =										0.03
ITEM 642 - EDGE LINE, 6", TYPE 1										
DESCRIPTION	#		L						C.F.	MILE
BRIDGE DECK	2	x	50.3	x		x			÷ 5280	= 0.02
APPROACH SLABS	4	x	20	x		x			÷ 5280	= 0.02
		x		x		x			÷	=
TOTAL CARRIED TO GENERAL SUMMARY =										0.03
ITEM 642 - CENTER LINE, TYPE 1										
DESCRIPTION	#		L						C.F.	MILE
BRIDGE DECK	1	x	50.3	x		x			÷ 5280	= 0.01
APPROACH SLABS	2	x	20	x		x			÷ 5280	= 0.01
		x		x		x			÷	=
TOTAL CARRIED TO GENERAL SUMMARY =										0.02

ITEM 202 - REMOVAL MISC: POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM										
DESCRIPTION	#		L		W		T		C.F.	CU FT
REAR APPROACH	1	x	40.6667	x	1.6667	x	0.1667		÷ 1	= 11.3
FORWARD APPROACH	1	x	40.6667	x	1.6667	x	0.1667		÷ 1	= 11.3
		x		x		x			÷	=
TOTAL CARRIED TO GENERAL SUMMARY =										23
ITEM 846 - POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM										
DESCRIPTION	#		L		W		T		C.F.	CU FT
REAR APPROACH	1	x	40.6667	x	1.6667	x	0.1667		÷ 1	= 11.3
FORWARD APPROACH	1	x	40.6667	x	1.6667	x	0.1667		÷ 1	= 11.3
		x		x		x			÷	=
TOTAL CARRIED TO GENERAL SUMMARY =										23

ESTIMATED QUANTITIES  
 BRIDGE NO. KNO-62-1028  
 OVER INDIANFIELD RUN

SFN  
 4202082  
 DESIGN AGENCY



DESIGNER: JKS  
 CHECKER: TAG  
 REVIEWER:  
 JKS 03/06/26  
 PROJECT ID:  
 124389

SUBSET	TOTAL
30	30
SHEET	TOTAL
P.40	40