

**SHEET INDEX**

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**QUANTITIES**

203-021A	REMOVAL OF BRIDGE - PARTIAL	X.X	EA
+ 502-140A	CONCRETE CLASS 40-A SCHEDULE NO. 1	X.X	CY
+ 502-310A	CONCRETE CLASS 40 AF SCHEDULE NO. 2	X.X	CY
+ 503-010A	METAL REINFORCEMENT SCHEDULE NO. 1	X.X	LB
+ 503-015A	METAL REINFORCEMENT SCHEDULE NO. 2	X.X	LB
+ 503-020A	EPOXY COATED METAL REINFORCEMENT	X.X	LB
504-010A	STRUCTURAL STEEL (APPROX. WEIGHT X LBS)	1.0	LS
510-005A	CONCRETE OVERLAY	X.X	CY
+ 511-005A	CONCRETE WATERPROOF SYSTEM (TYPE _)	X.X	SY
522-005A	CONTROLLED DENSITY FILL	X.X	CY
+ 551-005A	PREPARED & PLACED PPC OVERLAY	X.X	SY
551-010A	FURNISHED PPC OVERLAY MATERIAL	X.X	CY
+ 553-005A	EPOXY OVERLAY	X.X	SF
+ 565-005A	ASPHALTIC PLUG EXPANSION JOINT SYSTEM	X.X	CF
+ 566-005A	COMPRESSION EXPANSION JOINT (X")	X.X	FT
+ 567-005A	STRIP SEAL EXPANSION JOINT (X")	X.X	FT
+ 568-005A	ELASTOMERIC CONCRETE HEADER	X.X	CY
+ 569-005A	REMOVAL OF EXPANSION JOINT	X.X	FT
579-005A	BONDING REINFORCING STEEL	1.0	LS
+ 580-005A	REMOVAL OF ASPHALT OVERLAY	X.X	SY
581-005A	CONCRETE CRACK REPAIR PREPARATION	X.X	FT
581-010A	CONCRETE CRACK EPOXY INJECTION	X.X	GAL
582-005A	PATCH AND REPAIR OF CONCRETE SURFACE	X.X	SF
582-010A	PATCH AND REPAIR OF CONCRETE DECK	X.X	SF
583-005A	SUPERSTRUCTURE JACKING	1.0	LS
587-005A	PAINTING STRUCTURAL STEEL (APPROX. AREA _ SF)	1.0	LS
616-015A	SIGNS TYPE C-1	X.X	EA
624-005A	LOOSE RIPRAP	X.X	CY
+ 632-005A	CONCRETE BR DECK REMOVAL CLASS A	X.X	SY
632-010A	CONCRETE BR DECK REMOVAL CLASS B	X.X	SY
640-010A	RIPRAP/EROSION CONTROL GEOTEXTILE	X.X	SY
+ S501-30A	SP BRIDGE, SILICONE SEALANT JOINT	X.X	FT
+ S501-35A	SP BRIDGE, DECK SEALER PREPARATION	X.X	SY
S501-50A	SP BRIDGE, DECK CRACK SEALER	X.X	GAL
S900-50A	CONTINGENCY AMOUNT (DIRECTED REPAIRS)	X.X	CA

+ PAID BY PLAN QUANTITY

**GENERAL NOTES**

MATERIALS, CONSTRUCTION AND WORKMANSHIP IN ACCORDANCE WITH THE STATE OF IDAHO TRANSPORTATION DEPARTMENT: (YEAR) STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, (YEAR) SUPPLEMENTAL SPECIFICATIONS, SPECIAL PROVISIONS AND THE PROJECT PLANS.

**DESIGN SPECIFICATIONS AND DESIGN LOADS**  
 NEW CONSTRUCTION: "AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS" XX EDITION (MM-YEAR) ITD BRIDGE LRFD DESIGN MANUAL.  
 ELEMENTS STRENGTHENED: X

**EXISTING PLANS**  
 EXISTING CONSTRUCTION: DWG. NO. XXXX-XXXX, XXXX-A, XXXX-B, & XXXX-C.  
 EXISTING PLANS ARE AVAILABLE AT THE BRIDGE DESIGN OFFICE.

**PLAN DIMENSIONS**  
 STATIONS, ELEVATIONS, BEARINGS, AND DIMENSIONS SHOWN ARE BASED ON THE EXISTING PLANS AND DO NOT NECESSARILY REPRESENT THE AS-CONSTRUCTED BRIDGE. WHERE DIMENSIONS OF THE PROPOSED WORK DEPEND ON EXISTING CONDITIONS, FIELD VERIFY AND ADJUST CONTROLLING DIMENSIONS TO FIT THE AS-CONSTRUCTED BRIDGE BEFORE ORDERING MATERIALS.  
 DO NOT SCALE DIMENSIONS FROM THE PROJECT PLANS.

**CONSTRUCTION**  
 BEVEL EXPOSED EDGES OF CONCRETE 3/4" UNLESS NOTED OTHERWISE.  
 PROVIDE 2" CONCRETE COVER MEASURED FROM FACE OF THE CONCRETE TO THE FACE OF ANY REINFORCING BAR, UNLESS SHOWN OTHERWISE.  
 REINFORCING STEEL DIMENSIONS ARE MEASURED TO BAR CENTERLINE UNLESS NOTED OTHERWISE.  
 PROVIDE REINFORCING STEEL SPLICE LENGTHS IN ACCORDANCE WITH AASHTO SPECIFICATIONS.  
 EPOXY-COATED REINFORCEMENT IS DESIGNATED BY AN (E) AFTER THE BAR MARK.  
 PREVENT DAMAGE TO THE PORTIONS OF THE STRUCTURE AND ROADWAY TO REMAIN DURING REMOVAL OPERATIONS. REPAIR OR REPLACE DAMAGE DUE TO CONTRACTOR OPERATIONS AS APPROVED BY THE ENGINEER AND AT NO ADDITIONAL COST TO THE DEPARTMENT.  
 OPERATE VIBRATORY ROLLERS IN STATIC MODE WHEN COMPACTING ASPHALT ON THE BRIDGE DECK.  
 PREVENT DEBRIS, RESULTING FROM CONTRACTOR OPERATIONS, FROM ENTERING THE (WATERWAY/RAILROAD TRACKS BELOW AND OPEN TRAFFIC LANES).  
 DISPOSE OF REMOVED MATERIALS IN ACCORDANCE WITH 106.16.  
 LOCATE, RETAIN, AND PROTECT UTILITIES WITHIN THE VICINITY OF THE BRIDGE.  
 STAGE TRAFFIC DURING CONSTRUCTION IN ACCORDANCE WITH THE APPROVED TRAFFIC CONTROL PLAN.

**NEW MATERIALS**  
 CONCRETE: DECK SLAB, PARAPET, CURB - CLASS 40AF..... f'c = 4.0 ksi  
 WINGWALLS - CLASS 40A..... f'c = 4.0 ksi  
 METAL REINFORCEMENT: AASHTO M31, GRADE 60..... fy = 60 ksi  
 PRESTRESSED REINFORCEMENT: AASHTO M2023, GRADE 270 LOW RELAXATION..... fpu = 270 ksi  
 STRUCTURAL STEEL: ASTM A709 GRADE XX..... fy = xx ksi

**INCIDENTAL ITEMS**  
 WORK NECESSARY TO FULFILL THE CONTRACT THAT IS NOT MEASURED OR PAID FOR SEPARATELY.

**NOTE TO DESIGNERS:**


- DESIGN SPECIFICATIONS:
  - REMOVE NEW CONSTRUCTION NOTES IF NO STRENGTHENING IS NEEDED.
- S900-50A USES AN UNIT PRICE OF \$1 AND MAKE THE QUANTITY THE DOLLAR AMOUNT.
- MOVE SCOPE OF WORK TO THE SITUATION AND LAYOUT SHEET.
- MOVE LEGEND TO SITUATION AND LAYOUT SHEET.

**SCOPE OF WORK**

- X. REMOVE ASPHALT OVERLAY.
- X. PREPARE DECK SURFACE AND APPLY DECK CRACK SEALER.
- X. PREPARE DECK SURFACE AND APPLY (EPOXY/PPC/ASPHALT) OVERLAY.
- X. PERFORM CLASS A AND CLASS B CONCRETE BRIDGE DECK REMOVAL.  
 APPLY CONCRETE OVERLAY.
- X. PREPARE AND REPAIR CONCRETE DECK & CONCRETE SURFACES.
- X. PREPARE AND EPOXY INJECT CRACKS.
- X. REMOVE AND REPLACE JOINTS AND HEADERS.
- X. REPLACE JOINT SEAL.
- X. APPLY CONCRETE WATERPROOF SYSTEM TYPE C TO \_\_\_\_\_.
- X. APPLY CONCRETE WATERPROOF SYSTEM TYPE (D/E) TO \_\_\_\_\_.
- X. PREPARE AND REPAINT STRUCTURAL STEEL.

**LEGEND**

- \_\_\_\_\_ = EXISTING
- \_\_\_\_\_ = EXISTING
- \_\_\_\_\_ = DENOTES THIS CONTRACT

REVISIONS NO. DATE BY DESCRIPTION			DESIGNED DESIGN CHECKED	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	 <p><b>IDAHO TRANSPORTATION DEPARTMENT</b>                  YOUR Safety→YOUR Mobility→YOUR Economic Opportunity</p>	ENGLISH PROJECT NO.	GENERAL NOTES, SHEET INDEX & QUANTITIES  (REHAB & RETROFIT PROJECT) BRIDGE LRFD DESIGN MANUAL B17.5	BRIDGE PLANS	
			DETAILED DWG. CHECKED CORRECTIONS	CADD FILE NAME <small>Standards\Standard Bridge Drawings\B17_5.DGN</small>		BRIDGE KEY NO.		COUNTY BRIDGE DWG. NO. XXXXX-A	KEY NO. SHEET OF