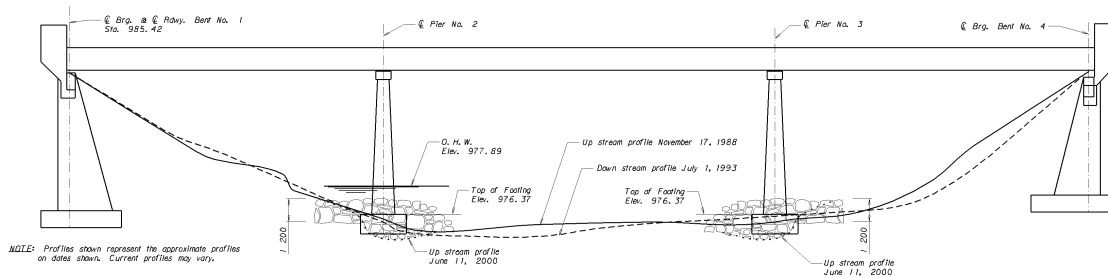




STATE	PROJECT NUMBER	SHEET NO.
MONTANA	BH 0002(745)	06

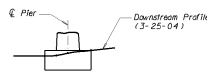
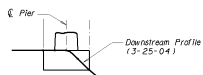


NOTES: Profiles shown represent the approximate profiles on dates shown. Current profiles may vary.

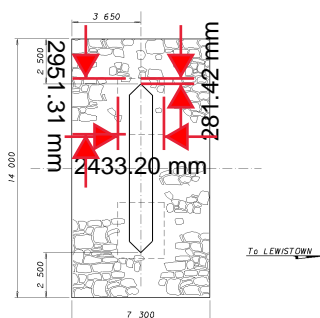
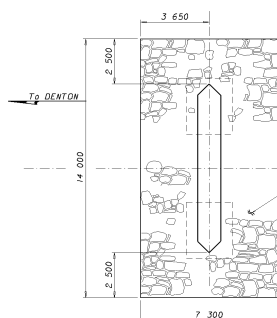
NOTE: Maximum Riprap height above top of footing is 1 000 mm.

NOTE: Plans were prepared from as-built drawings. Existing structure elevations may vary from those shown on the drawings. Verify all elevations necessary to complete the work.

NOTE: All dimensions are in millimeters except as noted. Elevations are expressed in meters.



ELEVATION



PLAN

ESTIMATED QUANTITIES		
PIER	RIPRAP - CLASS 3 RANDOM (m³)	GEOTEX - EROSION CLASS 2 AND 3 RIPRAP (m²)
2	145	129.3
3	100	129.3
TOTAL	245	158.6



BRIDGE OVER JUDITH RIVER

SE of DENTON

FEDERAL AID PROJECT NO. BH 0002(745)

FERGUS COUNTY

SCOUR MITIGATION - SITE 3

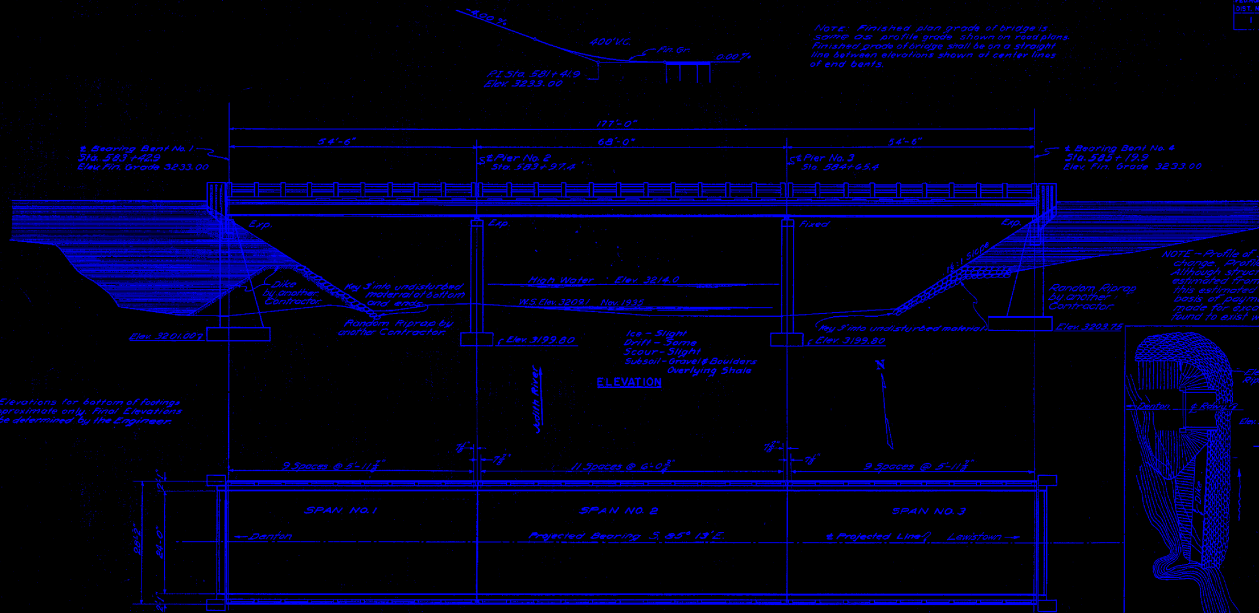
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FILENAME: 46788Rsc-Jr1.dgn DRAWING NO. 1942.1

DESIGNED	9-3-03	R. J. B.
DRAWN	12-28-03	D. W. C.
CHECKED	8-29-05	J. S. G.
REVIEWED		
REVISOR		
REVISION		

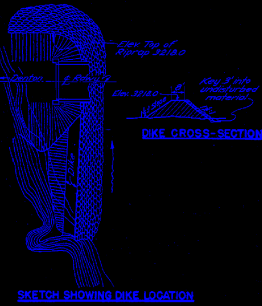
46788Rsc-Jr1.dgn
10/27/2005
9:45:22 AM CPS - 00277

PERIOD	DATE	TOTAL	PERIOD	DATE	TOTAL
1	MONT	1	2	1	2
1	1	1	1	1	1



Note: Elevations for bottom of footings are approximate only. Final elevations shall be determined by the Engineer.

NOTE: Profile of shoulder is subject to change. Profile shown is that of the 1934. Although structure excavation has been estimated from the profile of this note, this estimated quantity shall not be the basis of payment but payment shall be made for excavation from profile actually found to exist when excavation is made.



PLAN

NOTES

SPECIFICATIONS—Montana State Highway Commission Standard Specifications for Road and Bridge Construction, adopted January 1949, Design Specifications for Highway Structures, revised 1954, and Special Provisions shall govern unless otherwise noted.

LIVE LOADS—Standard and loading.

CONCRETE—All concrete in superstructure including curbs and handrails shall be Class A. All other concrete shall be Class A. All concrete in exposed areas of concrete 18" and over shall be reinforced with steel reinforcement.

REINFORCING STEEL—All reinforcing steel shall be of intermediate grade steel. They shall be of approved deformed section except as noted.

Steel bars shall be supported on steel chairs placed sufficiently close together to maintain bars in proper position. All other bars shall be supported on either steel chairs or precast concrete blocks. The unit price bid for reinforcing shall include the cost of furnishing and placing chairs, precast blocks and all other materials used to fasten reinforcing steel in place.

Bending of reinforcing bars shall not be permitted except as shown on the plans. Bends in reinforcing bars shall be made to a radius of not less than four diameters of the bar. Rebars shall conform to the dimensions shown in the following sketches.

STRUCTURAL STEEL—For requirements governing structural steel, and their fabrication, see the Standard Specifications for Road and Bridge Construction, adopted January 1949, and Design Specifications for Highway Structures, revised 1954. These requirements shall be clearly noted on the shop drawings.

Structural steel shall receive one shop coat and two field coats of paint as specified in Section 1105.00 (Painting) of the Standard Specifications on all surfaces in contact with concrete, except as noted in paragraph 1105.00.

REINFORCING COVERING—Minimum covering from surface of concrete to face of reinforcing bar shall be 2 inches except in slabs, where the minimum covering shall be 1 inch.

In slabs, the minimum covering shall be 3 inches.

Reinforcing steel shall be directed particularly to the requirements of paragraph 1105.00 of the Standard Specifications for the Construction of Concrete Roadways.

FINISHING—Construction joints shall be made only at locations shown on the plans or as approved by the Engineer. Adequate tests shall be made of all construction joints.

JOINT MATERIAL—All joint material shall be as shown on the plans, cost of furnishing and placing joint material shall be included in the unit price bid for Class A concrete.

CONCRETE CURB & RAIL—The price bid for curb and rail shall be sufficient for curb and rail and posts on Span No. 1, No. 2, & No. 3 complete in place, except for reinforcing bars therein which shall be paid for as reinforcing steel.

REFERENCES	
DWG. NO.	DESCRIPTION
2565	BENTS NO. 1 & NO. 4
2566	PIERS NO. 2 & NO. 3, CROSS SECTION & RAIL DETAILS
2567	CHAIRS, SHOES & DETAILS

DESIGNED	G.A.M.	2/7/44
DRAWN	G.A.M.	2/7/44
CHECKED	J.H.A.	2-8-44
REVIEWED		
APPROVED	J.W.M.	2-8-44

STATE OF MONTANA
STATE HIGHWAY COMMISSION
BRIDGE OVER JUDITH RIVER
(LEWISTOWN-DENTON ROAD)
FED. AID SECONDARY FRODO FAS 340 (3)
FERGUS COUNTY
GENERAL LAYOUT

APPROVED BY: [Signature]
STATE NO. 1000
DRAWING NO. 2564