

DESIGN DATA:

1964 CONSTRUCTION

- DESIGN SPECIFICATIONS: • AASHTO 1961
 LIVE LOADING: • H20-S16-44

1988 CONSTRUCTION

- DESIGN SPECIFICATIONS: • AASHTO 1983
 LIVE LOADING: • HSS25 TRUCK
 • HS25-44 LANE

2019 REPAIR

- DESIGN SPECIFICATIONS: • AASHTO LRFD 2017
 LIVE LOADING: • HSS25 TRUCK
 • HL-93 LANE

STRUCTURAL STEEL:

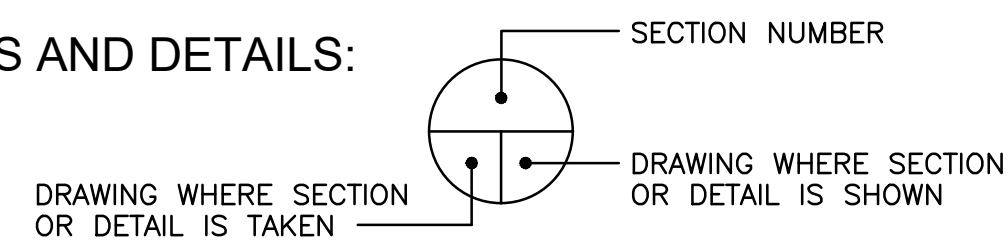
- NEW COUNTERSUNK BOLTS SHALL CONFORM TO ASTM A354 GRADE BC, GALVANIZED
- NEW MACHINE SCREWS SHALL HAVE A MINIMUM TENSILE STRENGTH OF 400 MPa (60 ksi)

TRAFFIC CONTROL NOTES:

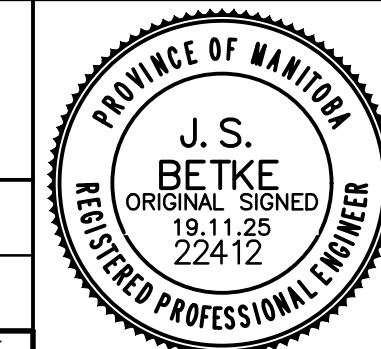
1. CLOSURE OF THE MEDIAN LANE ON BOTH NORTHBOUND AND SOUTHBOUND BRIDGES SHALL BE PERMITTED DURING NON-PEAK HOURS ONLY. LANE CLOSURE IS ONLY REQUIRED WHEN PERFORMING JACKING AND BEARING REPAIR OPERATIONS ON EXTERIOR GIRDERS UNDER THE MEDIAN LANES FOR BOTH NORTHBOUND AND SOUTHBOUND BRIDGES AT ALL SUBSTRUCTURE LOCATIONS.
2. JACKING AND BEARING REPAIR OPERATIONS AT ALL OTHER LOCATIONS MAY BE PERFORMED WITH FULL TRAFFIC ON THE BRIDGE.

| SCOPE OF WORK | | |
|---------------|---|-----------|
| ITEM | DESCRIPTION | SHEET No. |
| ① | BEARING REPAIRS AND RESETTING AT NORTH AND SOUTH ABUTMENT NORTHBOUND AND SOUTHBOUND STRUCTURES. | 3 |
| ② | BEARING RESETTING AT PIER No. 3 NORTHBOUND AND SOUTHBOUND STRUCTURES. | 4 |

SECTIONS AND DETAILS:



| | | | |
|---------------------|----------|---|----------|
| B.M. ELEV. | | | |
| DESIGNED BY | R.L. | CHECKED BY | J.B. |
| DRAWN BY | B.M. | APPROVED BY | J.B. |
| HOR. SCALE: | AS NOTED | ACCEPTED BY | DATE |
| VERTICAL: | | ORIGINAL DRAWING SIGNED BY: D. BURMEY, P.ENG. | 19.11.25 |
| 0 ISSUED FOR TENDER | 19.11.25 | J.B. | |
| NO. REVISIONS | DATE | BY | DATE |
| | | | 19.11.25 |



| | | |
|--|---------------------|-------------|
| ST. VITAL BRIDGE BEARING REPAIR | CITY DRAWING NUMBER | B116-19-002 |
| | SHEET | 2 OF 4 |
| GENERAL ARRANGEMENT, DESIGN DATA AND SCOPE OF WORK | | 2 |

CONSULTANT DRAWING NO. 1900070500-DWG-S0002

D. BURMEY, P.ENG. BRIDGE PROJECTS ENGINEER