



G:\CAD\163353\Technical\Workspac\Engineering\Drawings and Figures\Structures\Contract\163353-C2-CON-CS-DECK SLAB REINFORCING 1.dwg

NOTE:
 • BOTTOM REBAR TO BE INSTALLED THRU GIRDER WEB HOLES
 • TOP BAR SPACING TO MATCH BOTTOM REINFORCING

DECK TOP AND BOTTOM REINFORCING PLAN - SPANS 1 AND 4

SCALE 1:30
 SPAN 1 SHOWN
 SPAN 4 IS SIMILAR BUT OPPOSITE HAND

NOTE:
 MAINTAIN STAGGERED SPlicing AT TOP AND BOTTOM THROUGHOUT REBAR INSTALLATION

- 10 ROWS OF 1-D2501X + 1-D2502X (ALT.) @ 300 BOT. (REBAR TO BE INSTALLED THRU GIRDER WEB HOLES)
- 10 ROWS x 9 OF D1901 @ 300 (STIRRUPS BETWEEN GIRDER SPACING)
- 10-D1902X @ 300 (STIRRUPS @ N & S SIDE OF BRIDGE DECK)
- 10 - D1903X-1 + 10-D1904X IN PAIRS @ 300 (DOWELS FOR WALKWAY SLAB @ S SIDE OF BRIDGE DECK)
- 8 - D1903X-1 + 8-D1904X IN PAIRS @ 300 (DOWELS FOR WALKWAY SLAB @ N SIDE OF BRIDGE DECK)
- 10 - D1903X-1 + 10-D1904X IN PAIRS @ 300 (DOWELS FOR WALKWAY SLAB @ N & S SIDE OF BRIDGE DECK)

- 11 ROWS OF 1-D2501X + 1-D2502X (ALT.) @ 300 BOT. (REBAR TO BE INSTALLED THRU GIRDER WEB HOLES)
- 11 ROWS x 9 OF D1901 @ 300 (STIRRUPS BETWEEN GIRDER SPACING)
- 11-D1902X @ 300 (STIRRUPS @ N & S SIDE OF BRIDGE DECK)
- 11 - D1903X-1 + 11-D1904X IN PAIRS @ 300 (DOWELS FOR WALKWAY SLAB @ N & S SIDE OF BRIDGE DECK)

- NOTES:**
1. FOR REINFORCING STEEL NOTES REFER TO SHEET C2-CS-001.
 2. REINFORCING STEEL WITH MARKS ENDING WITH "X" SHALL BE MICRO COMPOSITE REINFORCING STEEL CHROMX 9000 (MMFX2)
 3. FOR CONCRETE CLEAR COVER TO REINFORCEMENT REFER TO SHEET C2-CS-001.
 4. FOR GIRDER WEB HOLES LOCATION TO ACCOMMODATE BOTTOM TRANSVERSE REINFORCEMENT REFER TO GIRDER DRAWING SHEET 028.

APEGM
 Certificate of Authorization
 Dillon Consulting Limited (MB)
 No. 1789 Date: 2017/01/09

DESIGNED BY RE		CHECKED BY SSR		PROVINCE OF MANITOBA R.B. ERIC Member 22665 REGISTERED PROFESSIONAL ENGINEER	
DRAWN BY		HOR. SCALE AS SHOWN		RELEASSED FOR CONSTRUCTION	
VERTICAL AS SHOWN		DATE		CONSULTANT PROJECT NUMBER	
0 ISSUED FOR TENDER		17/01/09		16-3353	
NO. REVISIONS		DATE		DATE	

THE CITY OF WINNIPEG
 PUBLIC WORKS DEPARTMENT

Waverley Street Underpass at CN Mile 3.89 Rivers Sub
 Contract 2: Underpass Structure, Railworks, Roadworks, Land Drainage Sewer, Pumping Station and Landscaping Works

CITY DRAWING NUMBER U-239-2016-C2-CS-037
 SHEET 037 OF 085
 CONSULTANT DRAWING NUMBER C2-CS-037

DECK SLAB REINFORCING PLAN
 SPANS 1 AND 4