



2 ROWS OF 1-D3603X + 1-D3604X (ALT.) TOP @ N & S SIDE OF BRIDGE DECK
SEE SECTION A ON SHEET 040 FOR SPACING

2 ROWS x 2 LAYERS OF 1-D3603X + 1-D3604X (ALT.) TOP BETWEEN GIRDER SPACING @ 9 LOCATIONS
SEE SECTION A ON SHEET 040 FOR SPACING

3 ROWS OF 1-D1601X + 1-D1616X (ALT.) TOP OVER TOP FLANGE @ 10 LOCATIONS
SEE SECTION A ON SHEET 040 FOR SPACING

1-D2912X (TOP)
FOR SIMILAR END TRANSVERSE & CLOSURE BAR REINFORCING SEE OTHER END

EXTRA
D2905X-0 (TOP)
D2904X-1 (BOT.)
D2905X-1 (TOP)

D
D2904X-9 (BOT.)
D2905X-9 (TOP)

2 ROWS OF 1-D2901X + 1-D2902X (ALT.)
(REBAR TO BE INSTALLED THRU GIRDER WEB HOLES)

1 EA. OF D2904X (1 TO 9) BOT.
(REBAR TO BE INSTALLED THRU GIRDER WEB HOLES)

1 EA. OF D2905X (1 TO 9) TOP
(SPACING TO MATCH BOT. REBARS)

38-D1901X = TOTAL NO. OF STIRRUPS
(STIRRUPS REQ'D. BETWEEN EACH GIRDER SPACING TO BE CONFIRMED TO SUIT DURING REBAR INSTALLATION)

8-D1902X @ 300 (STIRRUPS @ S SIDE OF BRIDGE DECK)
2-D1902X @ 300 (STIRRUPS @ N SIDE OF BRIDGE DECK)

7 - D1903X-2 + 7-D1904X IN PAIRS @ 300 (DOWELS FOR WALKWAY SLAB @ S SIDE OF BRIDGE DECK)
1 - D1903X-2 + 1-D1904X IN PAIRS @ 300 (DOWELS FOR WALKWAY SLAB @ N SIDE OF BRIDGE DECK)

6 ROWS OF 1-D2901X + 1-D2902X (ALT.) @ 300 BOT.
(REBAR TO BE INSTALLED THRU GIRDER WEB HOLES)

6 ROWS x 9 OF D1901X @ 300
(STIRRUPS BETWEEN GIRDER SPACING)

6-D1902X @ 300
(STIRRUPS @ N & S SIDE OF BRIDGE DECK)

6 - D1903X-2 + 6-D1904X IN PAIRS @ 300
(DOWELS FOR WALKWAY SLAB @ N & S SIDE OF BRIDGE DECK)

4 ROWS OF 1-D2501X + 1-D2502X (ALT.) @ 300 BOT.
(REBAR TO BE INSTALLED THRU GIRDER WEB HOLES)

4 ROWS x 9 OF D1901X @ 300
(STIRRUPS BETWEEN GIRDER SPACING)

4-D1902X @ 300
(STIRRUPS @ N & S SIDE OF BRIDGE DECK)

4 - D1903X-2 + 4-D1904X IN PAIRS @ 300
(DOWELS FOR WALKWAY SLAB @ N & S SIDE OF BRIDGE DECK)

10 ROWS OF 1-D2501X + 1-D2502X (ALT.) @ 300 BOT.
(REBAR TO BE INSTALLED THRU GIRDER WEB HOLES)

10 ROWS x 9 OF D1901X @ 300
(STIRRUPS BETWEEN GIRDER SPACING)

10-D1902X @ 300
(STIRRUPS @ N & S SIDE OF BRIDGE DECK)

10 - D1903X-2 + 10-D1904X IN PAIRS @ 300
(DOWELS FOR WALKWAY SLAB @ N & S SIDE OF BRIDGE DECK)

7 LINES OF 1-D1905X + 1-D1912X (ALT.)
(3-TOP & 2 E.F.)
@ N & S SIDE OF BRIDGE DECK
SEE SECTION 'A' ON SHEET 040 FOR SPACING

NOTES:

1. FOR GIRDER WEB HOLES LOCATION TO ACCOMMODATE BOTTOM TRANSVERSE REINFORCEMENT REFER TO GIRDER DRAWING SHEET 029.

DECK TOP AND BOTTOM REINFORCING PLAN - SPAN 2
SCALE 1:30

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

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

DESIGNED BY	RE	CHECKED BY	SSR
DRAWN BY	NBG/CCG	APPROVED BY	DBW
HOR. SCALE	AS SHOWN	RELEASED FOR CONSTRUCTION	
VERTICAL	AS SHOWN		
0 ISSUED FOR TENDER	17/01/09	RE	
NO. REVISIONS	DATE	BY	DATE

DILLON CONSULTING

DESIGNED BY: RE
DRAWN BY: NBG/CCG
HOR. SCALE: AS SHOWN
VERTICAL: AS SHOWN

CHECKED BY: SSR
APPROVED BY: DBW
RELEASED FOR CONSTRUCTION

ENGINEER'S SEAL
PROVINCE OF MANITOBA
R.B. ERIC
Member 22665
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT PROJECT NUMBER
16-3353

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-038

SHEET **038** OF **085**

CONSULTANT DRAWING NUMBER
C2-CS-038

DECK SLAB REINFORCING PLAN
SPAN 2

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