



2 ROWS OF 1-D3503G + 1-D3504G (ALT.) TOP @ N & S SIDE OF BRIDGE DECK SEE SECTION A ON SHEET 040 FOR SPACING

2 ROWS x 2 LAYERS OF 1-D3503G + 1-D3504G (ALT.) TOP BETWEEN GIRDER SPACING @ 9 LOCATIONS SEE SECTION A ON SHEET 040 FOR SPACING

3 ROWS OF 1-D1501G + 1-D1516G (ALT.) TOP OVER TOP FLANGE @ 10 LOCATIONS SEE SECTION A ON SHEET 040 FOR SPACING

1-D3012G (TOP)  
FOR SIMILAR END TRANSVERSE & CLOSURE BAR REINFORCING SEE OTHER END

EXTRA  
D3005G-0 (TOP)  
D3004G-1 (BOT.)  
D3005G-1 (TOP)

D3004G-9 (BOT.)  
D3005G-9 (TOP)

2 ROWS OF 1-D3001G + 1-D3002G (ALT.) (REBAR TO BE INSTALLED THRU GIRDER WEB HOLES)

1 EA. OF D3004G (1 TO 9) BOT. (REBAR TO BE INSTALLED THRU GIRDER WEB HOLES)

1 EA. OF D3005G (1 TO 9) TOP (SPACING TO MATCH BOT. REBARS)

38-D2001G = TOTAL NO. OF STIRRUPS (STIRRUPS REQ'D. BETWEEN EACH GIRDER SPACING TO BE CONFIRMED TO SUIT DURING REBAR INSTALLATION)

8-D2002G @ 300 (STIRRUPS @ S SIDE OF BRIDGE DECK)  
2-D2002G @ 300 (STIRRUPS @ N SIDE OF BRIDGE DECK)

7 - D2003G-2 + 7-D2004G IN PAIRS @ 300 (DOWELS FOR WALKWAY SLAB @ S SIDE OF BRIDGE DECK)  
1 - D2003G-2 + 1-D2004G IN PAIRS @ 300 (DOWELS FOR WALKWAY SLAB @ N SIDE OF BRIDGE DECK)

6 ROWS OF 1-D3001G + 1-D3002G (ALT.) @ 300 BOT. (REBAR TO BE INSTALLED THRU GIRDER WEB HOLES)

6 ROWS x 9 OF D2001G @ 300 (STIRRUPS BETWEEN GIRDER SPACING)

6-D2002G @ 300 (STIRRUPS @ N & S SIDE OF BRIDGE DECK)

6 - D2003G-2 + 6-D2004G IN PAIRS @ 300 (DOWELS FOR WALKWAY SLAB @ N & S SIDE OF BRIDGE DECK)

4 ROWS OF 1-D2501G + 1-D2502G (ALT.) @ 300 BOT. (REBAR TO BE INSTALLED THRU GIRDER WEB HOLES)

4 ROWS x 9 OF D2001G @ 300 (STIRRUPS BETWEEN GIRDER SPACING)

4-D2002G @ 300 (STIRRUPS @ N & S SIDE OF BRIDGE DECK)

4 - D2003G-2 + 4-D2004G IN PAIRS @ 300 (DOWELS FOR WALKWAY SLAB @ N & S SIDE OF BRIDGE DECK)

10 ROWS OF 1-D2501G + 1-D2502G (ALT.) @ 300 BOT. (REBAR TO BE INSTALLED THRU GIRDER WEB HOLES)

10 ROWS x 9 OF D2001G @ 300 (STIRRUPS BETWEEN GIRDER SPACING)

10-D2002G @ 300 (STIRRUPS @ N & S SIDE OF BRIDGE DECK)

10 - D2003G-2 + 10-D2004G IN PAIRS @ 300 (DOWELS FOR WALKWAY SLAB @ N & S SIDE OF BRIDGE DECK)

7 LINES OF 1-D2005G + 1-D2012G (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.

ALL REINFORCING CHANGED TO GALVANIZED REINFORCING STEEL

**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

NO.	REVISIONS	DATE	BY	DATE
1	ADDENDUM #1	17/01/25	RE	
0	ISSUED FOR TENDER	17/01/09	RE	

DESIGNED BY	CHECKED BY	APPROVED BY	RELEASED FOR CONSTRUCTION
RE	SSR	DBW	
DRAWN BY	APPROVED BY		
NBG/CCG	DBW		
HOR. SCALE	VERTICAL		
AS SHOWN	AS SHOWN		

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

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