



2 ROWS OF 1-D3502G + 1-D3506G (ALT.) TOP @ N & S SIDE OF BRIDGE DECK SEE SECTION 'A' ON SHEET 040 FOR SPACING

2 ROWS x 2 LAYERS OF 1-D3502G + 1-D3506G (ALT.) TOP BETWEEN GIRDER SPACING @ 9 LOCATIONS SEE SECTION 'A' ON SHEET 040 FOR SPACING

3 ROWS OF 1-D1502G + 1-D1517G (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)

7 ROWS OF 1-D3001G + 1-D3002G (ALT.) @ 300 BOT. (REBAR TO BE INSTALLED THRU GIRDER WEB HOLES) 7 ROWS x 9 OF D2001G @ 300 (STIRRUPS BETWEEN GIRDER SPACING) 7-D2002G @ 300 (STIRRUPS @ N & S SIDE OF BRIDGE DECK) 7 - D2003G-2 + 7-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)

11 ROWS OF 1-D2501G + 1-D2502G (ALT.) @ 300 BOT. (REBAR TO BE INSTALLED THRU GIRDER WEB HOLES) 11 ROWS x 9 OF D2001G @ 300 (STIRRUPS BETWEEN GIRDER SPACING) 11-D2002G @ 300 (STIRRUPS @ N & S SIDE OF BRIDGE DECK) 11 - D2003G-2 + 11-D2004G IN PAIRS @ 300 (DOWELS FOR WALKWAY SLAB @ N & S SIDE OF BRIDGE DECK)

7 LINES OF 1-D2006G + 1-D2013G (ALT.) (3-TOP & 2 EA. FACE) @ N & S SIDE OF BRIDGE DECK SEE SECTION 'A' ON SHEET 040 FOR SPACING

6 LINES OF 1-D3502G + 1-D3505G (ALT.) BOT. BETWEEN GIRDER SPACING @ 9 LOCATIONS SEE SECTION 'A' ON SHEET 040 FOR SPACING

3 LINES OF 1-D3502G + 1-D3505G (ALT.) BOT. @ N & S SIDE OF BRIDGE DECK SEE SECTION 'A' ON SHEET 040 FOR SPACING

ALL REINFORCING CHANGED TO GALVANIZED REINFORCING STEEL

NOTES:
1. FOR GIRDER WEB HOLES LOCATION TO ACCOMMODATE BOTTOM TRANSVERSE REINFORCEMENT REFER TO GIRDER DRAWING SHEET 030.

DECK TOP AND BOTTOM REINFORCING PLAN - SPAN 3
SCALE 1:30

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



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	RELEASED FOR CONSTRUCTION	
NBG/CCG	DBW		
HOR. SCALE	VERTICAL	DATE	
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-039
SHEET 039 OF 085
CONSULTANT DRAWING NUMBER
C2-CS-039

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