



NOTES:

1. THE PRESTRESSING STRANDS SHALL BE 0.6" DIAMETER-UNCOATED, SEVEN-WIRE LOW RELAXATION STEEL CONFORMING TO AASHTO M203/M203M [ASTM A416/A416M] WITH A MINIMUM GUARANTEED ULTIMATE STRENGTH OF 270 KSI. JACKING FORCE = 43.8 KIPS PER STRAND UNLESS OTHERWISE NOTED. JACKING FORCE SHALL BE ROUNDED TO THE NEAREST 0.1 KIPS AND SHALL BE THE SAME FOR ALL PRESTRESSED UNITS IN A BRIDGE.
2. ALL EXPOSED CORNERS, EXCEPT THE TOP, SHALL BE CHAMFERED 3/4".
3. BAR REINFORCEMENT SHALL BE ASTM A615, GRADE 60, EPOXY COATED UNLESS OTHERWISE NOTED.
4. THE TOPS OF PRESTRESSED UNITS SHALL RECEIVE A TRANSVERSE STIFF BROOM FINISH.
5. DETAILS ON THE DRAWINGS LABELED AS "NOT TO SCALE" ARE INTENTIONALLY DRAWN NOT TO SCALE FOR VISUAL CLARITY. ALL OTHER DETAILS, FOR WHICH NO SCALE IS SHOWN, ARE DRAWN PROPORTIONAL AND ARE FULLY DIMENSIONED.
6. COMPOSITE SHEAR HOOP BARS EXTENDING INTO DECK AND HOOPS AT GIRDER WEB ENDS AT ABUTMENT SHALL BE STAINLESS STEEL IN CONFORMANCE WITH ASTM A955M, GRADE 420 (GRADE 60).
7. FOR EMBEDDED PLATE DETAILS, SEE BRIDGE BEARING DETAILS SHEET.
8. ALL STEEL INSERTS SHALL BE HOT-DIP GALVANIZED IN CONFORMANCE WITH AASHTO M232 (ASTM A153).

9. TYPE OF CONCRETE SHALL BE HIGH PERFORMANCE, CLASS SCC. REQUIRED MINIMUM CONCRETE STRENGTH AT TRANSFER = 6.0 KSI. REQUIRED MINIMUM CONCRETE STRENGTH AT 28 DAYS = 8.0 KSI.
10. THE FABRICATOR SHALL PROVIDE DESIGN OF THE LIFTING DEVICES IN THE SHOP DRAWINGS.
11. FOR EMBEDDED STAY-IN-PLACE FORM ATTACHMENT DETAIL, SEE SUPERSTRUCTURE ELEV. DETAILS SHEET.

ITEMS USED ON THIS SHEET	
ITEM NO.	DESCRIPTION
507.17	EPOXY COATED REINFORCING STEEL
510.23	PRESTRESSED CONCRETE GIRDERS
900.635	STAINLESS STEEL REINFORCING

PROJECT NAME: WINDSOR	PLOT DATE: 7/30/2015
PROJECT NUMBER: IM 091-1(64)	DRAWN BY: N. GARCIA III
FILE NAME: z10o188GirdDtl1.dgn	CHECKED BY: G. WALKER
PROJECT LEADER: J. WILSON	SHEET 66 OF 156
DESIGNED BY: R. PEIN	
GIRDER DETAILS 1	