GIRDER NOTES:

1. REFER TO SPECIAL PROVISIONS FOR REQUIREMENTS FOR ALTERNATE PRECAST Prestressed Girder Sections.
2. AT THE CONTRACTOR'S OPTION, THE CURB MAY BE CAST DIRECTLY ONTO THE EXTERIOR GIRDERS IN THE PRECAST YARD PRIOR TO SHIPMENT TO JOB SITE. THE CURB MUST BE A SECONDARY CAST. THIS METHOD REQUIRES APPROVAL BY THE ENGINEER PRIOR TO CASTING THE GIRDERS. SHOW ALL DETAILS ON THE SHOP DRAWINGS.
3. PROVIDE A SCREED OR float FINISH TO THE TOP SURFACE OF THE GIRDER IN ACCORDANCE WITH SUBSECTION 502.03.
4. SHOW THE SIZE AND LOCATION OF ALL CAST-IN-HOLE ON THE SHOP PLANS. FIELD-DRILLED HOLES ARE NOT PERMITTED.
5. AS A MINIMUM PROVIDE TEMPORARY BRACING AT EACH END OF THE GIRDER TO MAINTAIN GIRDER STABILITY. PLACE TEMPORARY BRACING PRIOR TO RELEASE OF THE GIRDER FROM ERECTION EQUIPMENT. TEMPORARY BRACING MAY BE REMOVED AS NOTED IN THE CONSTRUCTION SEQUENCE. SUBMIT TEMPORARY BRACING LOCATIONS, BRACING AND CONNECTION DETAILS, AND ANY REQUIRED ADDITIONAL GIRDER REMOVAL ON THE SHOP PLANS. PROVIDE TEMPORARY BRACING DESIGN AND DETAILS THAT ARE STAMPED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF IDAHO.
6. SUBMIT A METHOD OF EQUALIZING THE DECK BULB TEE GIRDER CAMBERS TO THE ENGINEER FOR REVIEW AND APPROVAL. EQUALIZE GIRDER CAMBERS UTILIZING THE APPROVED METHOD WHEN THE DIFFERENCE IN GIRDER CAMBERS BETWEEN ADJACENT GIRDERS MEASURED AT MID-SPAN EXCEEDS 1/4 INCH. NOTIFY THE ENGINEER PRIOR TO GIRDER EQUALIZATION WHEN CAMBERS BETWEEN ADJACENT GIRDERS EXCEEDS 1 1/2 INCHES. GIRDER CAMBER EQUALIZATION IS A PROGRESSIVE OPERATION WHICH REQUIRES STARTING AT THE LOCATION OF MAXIMUM GIRDER DIFFERENCE AND PROGRESSING TO THE LOCATION OF MINIMUM GIRDER DIFFERENCE.
7. SANDBLAST, CLEAN, AND GROUT LEVEL KEYWAYS WITH SURROUNDING GIRDER SURFACES AFTER ALL WELD TIE CONNECTIONS HAVE BEEN INSTALLED.
8. PROVIDE GROUT TYPE "B", CLASS I NON-METALLIC, NON-SHRINK AS SPECIFIED IN SUBSECTION 705.02.
9. NO VEHICULAR TRAFFIC IS ALLOWED ON THE STRUCTURE UNTIL THE KEYWAY GROUT HAS ATTAINED A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI.
10. APPLY SPRAY APPLIED CONCRETE WATERPROOF MEMBRANE ON TOP FLANGES OF GIRDERS IN ACCORDANCE WITH 511-005A. APPLY FROM CURB TO CURB AND FROM BEGIN BRIDGE TO END BRIDGE.
11. PLACE PLANT MIX PAVEMENT OVERLAY FROM CURB TO CURB AND FROM BEGIN BRIDGE TO END BRIDGE. SEE ROADWAY PLANS FOR QUANTITIES.

construction SEQUENCE:
A. ERECT GIRDER AND INSTALL TEMPORARY BRACING.
B. EQUALIZE GIRDER CAMBER, INSTALL WELD TIE CONNECTIONS (MINIMUM OF 3, SEE NOTE 6), RELEASE EQUALIZING EQUIPMENT, MOVE EQUALIZING EQUIPMENT TO NEXT LOCATION AND REPEAT THIS STEP AS NEEDED.
C. INSTALL ALL REMAINING WELD TIE CONNECTIONS.
D. GROUT SHEAR KEY, CAST INTERMEDIATE DIAPHRAGMS, AND CAST END DIAPHRAGMS AFTER ALL WELD TIE CONNECTIONS HAVE BEEN INSTALLED.
E. REMOVE TEMPORARY BRACING.
12. SUBMIT PRECAST GIRDER SHOP DRAWINGS AT THE SAME TIME AS THE CURB MOUNT RAIL SHOP DRAWINGS.
13. PLACE GIRDER PERPENDICULAR TO THE CROSS-SLOPE (+-2').