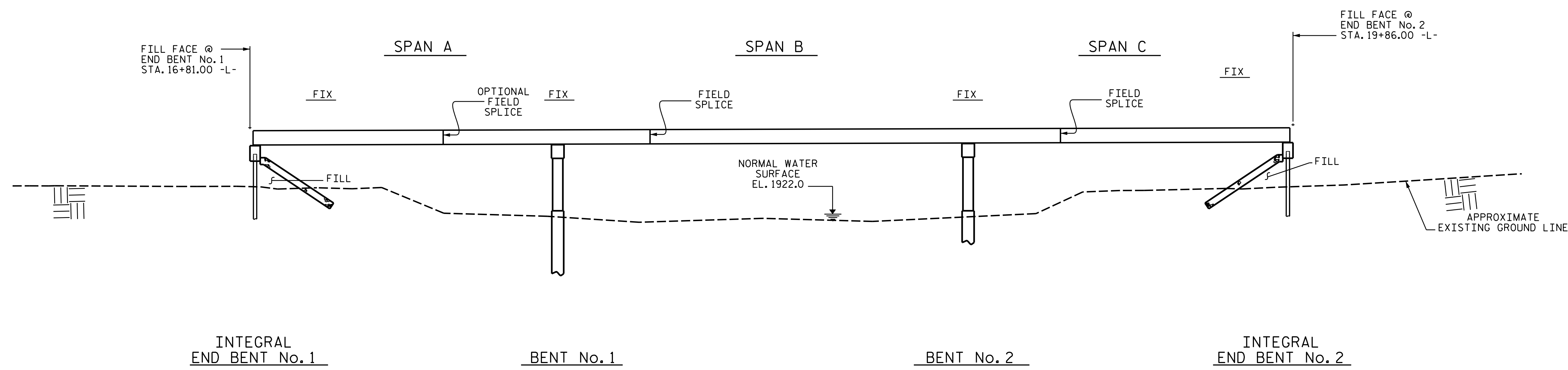


STAGE I & II GIRDER ERECTION



FINAL STAGE GIRDER ERECTION

NOTES

THIS BRIDGE IS DESIGNED FOR THE ERECTION SEQUENCE SHOWN. THE CONTRACTOR HAS THE OPTION TO DEVIATE FROM THE PROPOSED ERECTION SEQUENCE. IF THE CONTRACTOR CHOOSES TO DEVIATE FROM THE PROPOSED ERECTION SEQUENCE, HE WILL BE RESPONSIBLE FOR ANALYZING THE EFFECTS OF THE PROPOSED CHANGES TO THE PERMANENT STRUCTURE DURING THE CONSTRUCTION PHASE AND IN THE FINAL CONDITION. CALCULATIONS SHOWING REVISED EFFECTS MUST BE SUBMITTED FOR APPROVAL. ANY APPROVED CHANGES WILL BE REFLECTED IN REVISED CONTRACT PLANS FURNISHED BY THE CONTRACTOR. ALL ENGINEERING WORK FOR THE REVISION MUST BE PERFORMED BY A PROFESSIONAL ENGINEER REGISTERED IN NORTH CAROLINA. ANY WORK REQUIRED BY THE CONTRACTOR TO COMPLETE THE DEVIATION FROM THE PROPOSED ERECTION SEQUENCE SHALL BE PERFORMED AT NO ADDITIONAL COST TO THE DEPARTMENT.

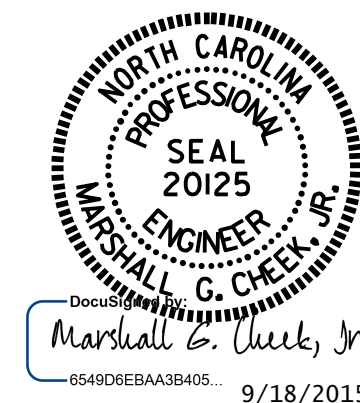
DURING THE GIRDER ERECTION PROCEDURE, THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING TEMPORARY LATERAL BRACING AND OTHER MEANS OF SUPPORT AS REQUIRED, TO ENSURE STABILITY OF THE GIRDERS, AND TO ENSURE PLUMBNESS OF THE GIRDERS IN THE FINAL CONDITION.

THE STRUCTURAL STEEL SHALL BE SUPPORTED DURING ERECTION IN ITS CAMBERED POSITION.

THE FIRST TWO GIRDERS IN STAGE I SHALL BE ERECTED SIMULTANEOUSLY WITH ALL DIAPHRAGMS BETWEEN THE GIRDERS IN PLACE AND THE BOLTS TIGHTENED PRIOR TO RELEASING THE GIRDERS. CONNECT ADDITIONAL GIRDERS AND DIAPHRAGMS ADJACENT TO THE PREVIOUSLY ERECTED GIRDERS AND TIGHTEN ALL BOLTS PRIOR TO RELEASING ADDITIONAL GIRDERS.

AFTER ERECTING STAGE I GIRDERS, GIRDERS AND DIAPHRAGMS IN STAGE II SHALL BE INSTALLED INDIVIDUALLY. AFTER ERECTING STAGE II GIRDERS, GIRDERS AND DIAPHRAGMS IN STAGE III SHALL BE INSTALLED INDIVIDUALLY.

PROJECT NO. B-3868
MACON COUNTY
 STATION: 18+33.50 -L-



STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH						SHEET NO.
GIRDER ERECTION DETAILS						S-6
REVISIONS						TOTAL SHEETS
NO.	BY:	DATE:	NO.	BY:	DATE:	40
1			3			
2			4			

DRAWN BY : D. HODGE DATE : 9/15
 CHECKED BY : M.G. CHEEK DATE : 9/15
 DESIGN ENGINEER OF RECORD: S.T. CHAMPION DATE : 9/15