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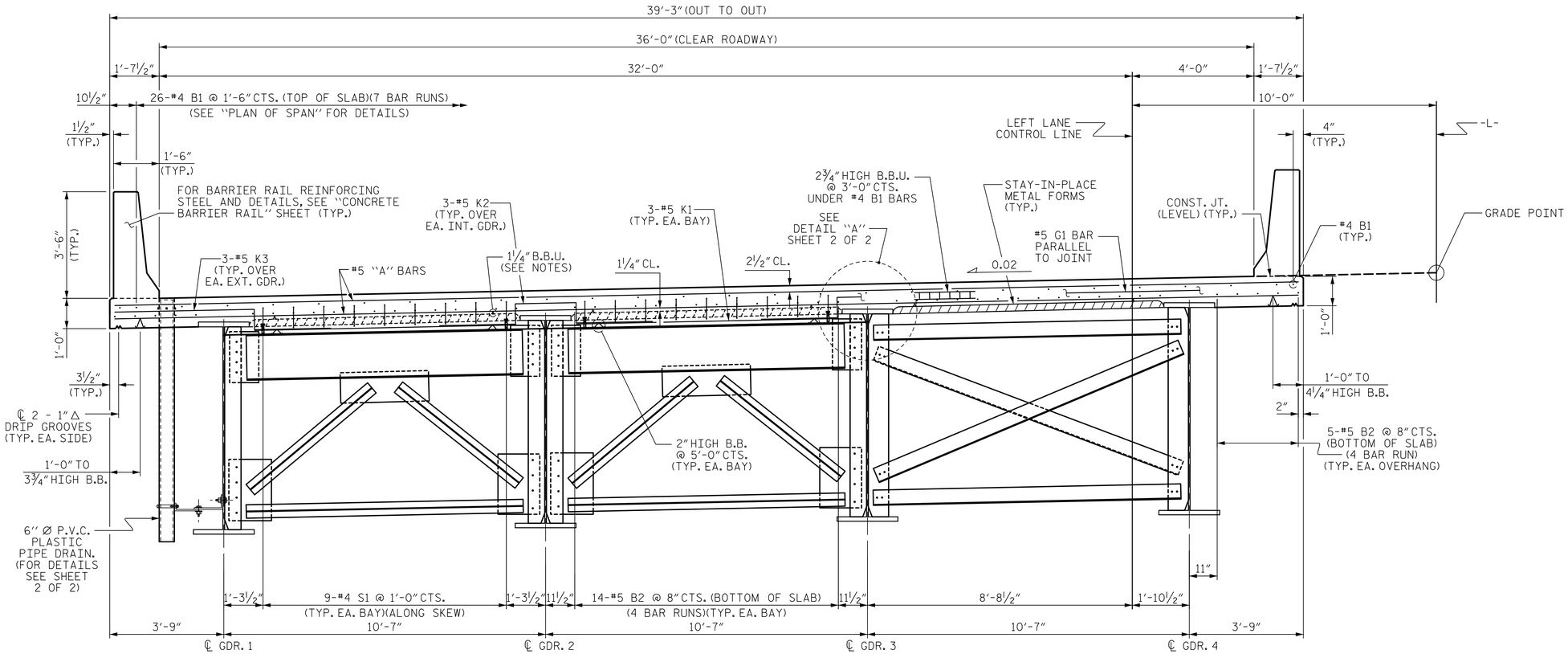

SECTION AT END BENT DIAPHRAGM

SECTION AT INTERMEDIATE DIAPHRAGM

TYPICAL SECTION

NOTES :

PROVIDE 1¼" HIGH BEAM BOLSTERS UPPER AT 4'-0" CTS. ATOP THE METAL STAY-IN-PLACE FORMS TO SUPPORT THE BOTTOM MAT OF "A" BARS. WHEN USING REMOVABLE FORMS, PROVIDE CONTINUOUS HIGH CHAIRS FOR METAL DECK (C.H.C.M.) @ 4'-0" CTS. WITH A HEIGHT TO SUPPORT THE BOTTOM MAT OF "A" BARS A CLEAR DISTANCE OF 2½" ABOVE THE TOP OF THE REMOVABLE FORM.

PREVIOUSLY CAST CONCRETE IN A CONTINUOUS UNIT SHALL HAVE ATTAINED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI BEFORE ADDITIONAL CONCRETE IS CAST IN THE UNIT.

FOR DIAPHRAGM DETAILS, SEE "STRUCTURAL STEEL DETAILS" SHEET 3 OF 3.

METAL STAY IN PLACE FORMS SHALL NOT BE WELDED TO BEAM OR GIRDER FLANGES IN THE ZONES REQUIRING SHARPY V-NOTCH TEST. SEE "STRUCTURAL STEEL DETAILS" SHEET.

STRUCTURAL STEEL ERECTION IN A CONTINUOUS UNIT SHALL BE COMPLETE BEFORE FALSEWORK OR FORMS ARE PLACED ON THE UNIT.

THE CONTRACTOR MAY, WHEN NECESSARY, PROPOSE A SCHEME FOR AVOIDING INTERFERENCE BETWEEN METAL STAY-IN-PLACE FORM SUPPORTS OR FORMS AND BEAM/GIRDER STIFFENERS OR CONNECTOR PLATES. THE PROPOSAL SHALL BE INDICATED, AS APPROPRIATE, ON EITHER THE STEEL WORKING DRAWINGS OR THE METAL STAY-IN-PLACE FORM WORKING DRAWINGS.

FOR LOCATION OF 6" Ø PVC PLASTIC PIPE DRAINS SEE, "PLAN OF SPAN" SHEET.

PROJECT NO. R-2519B
YANCEY/MITCHELL COUNTY
STATION: 247+87.50 -L-

SHEET 1 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
SUPERSTRUCTURE

TYPICAL SECTION

(LEFT LANE)

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-136
1			3			TOTAL SHEETS
2			4			194

STR. #5

Prepared by
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NC L.I.C.# C-2243

8/21/2014
NORTH CAROLINA PROFESSIONAL SEAL 039173 ENGINEER MATTHEW K. TOM

DocuSigned by: Matthew K. Tom
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DRAWN BY : M. K. TOM DATE : 11/20/12
CHECKED BY : K. H. COMPTON DATE : 1/15/13
DESIGNED BY : M. K. TOM DATE : 11/20/12

8/20/2014
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kyle_compton