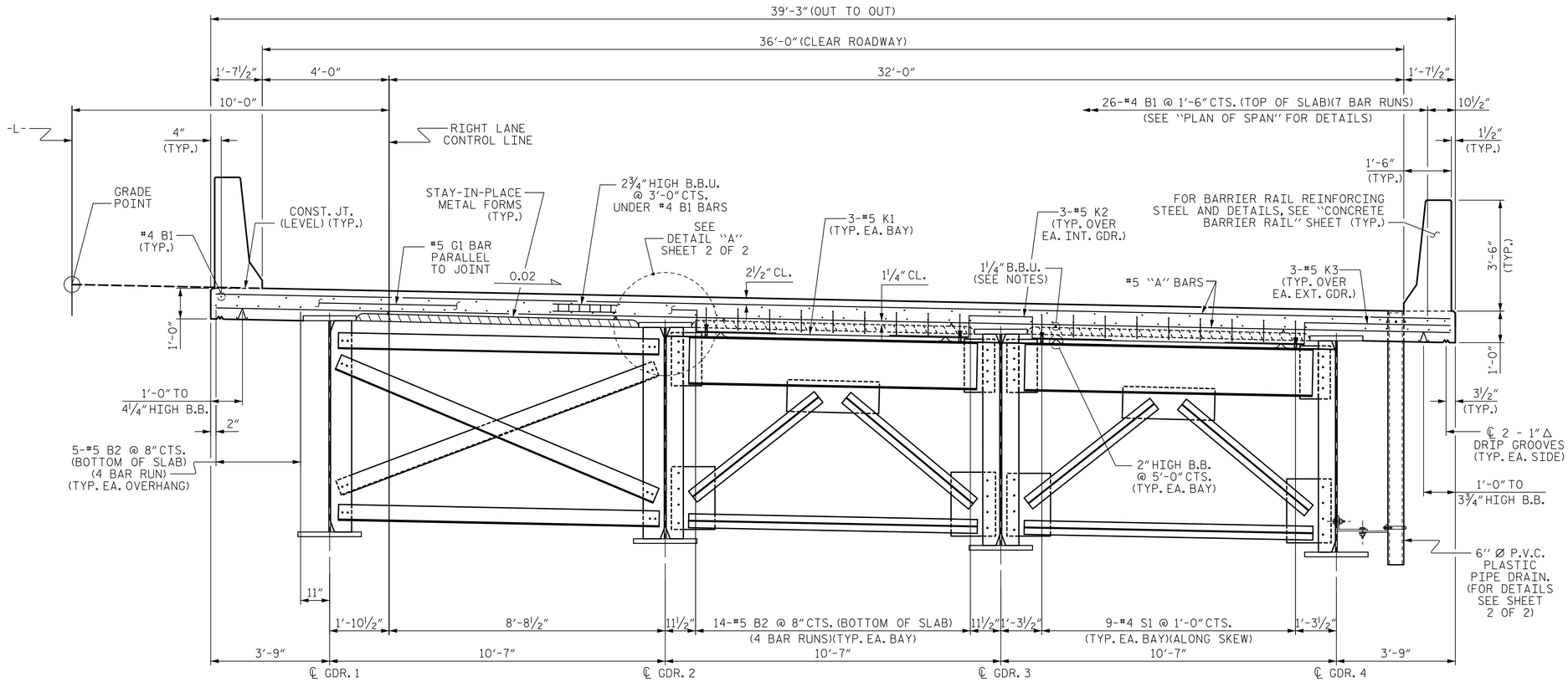
DocuSign Envelope ID: CEA55AD4-4441-4130-B669-B599833E5794



SECTION AT INTERMEDIATE DIAPHRAGM

SECTION AT END BENT 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

(RIGHT LANE)

Prepared by
URS
URS Corporation - North Carolina
1600 Perimeter Park Drive, Suite 400
Morrisville, NC 27560
PHONE: 919) 461-1100 FAX: 919) 461-1415
NC LIC.# C-2243

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

DocuSigned by: Matthew K. Tom
D86B9F488287474E...

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-168
1			3			TOTAL SHEETS
2			4			194

DRAWN BY : M. K. TOM DATE : 2/7/13
CHECKED BY : R. L. WHITCHER DATE : 4/22/13
DESIGNED BY : M. K. TOM DATE : 11/20/12

8/20/2014
P:\Jobs1\R2519B\Structures\Electronic Signed Plans\Str 6\406_011_S06_R2519B_TS_01.dgn
Kyle_compton

STR. #6