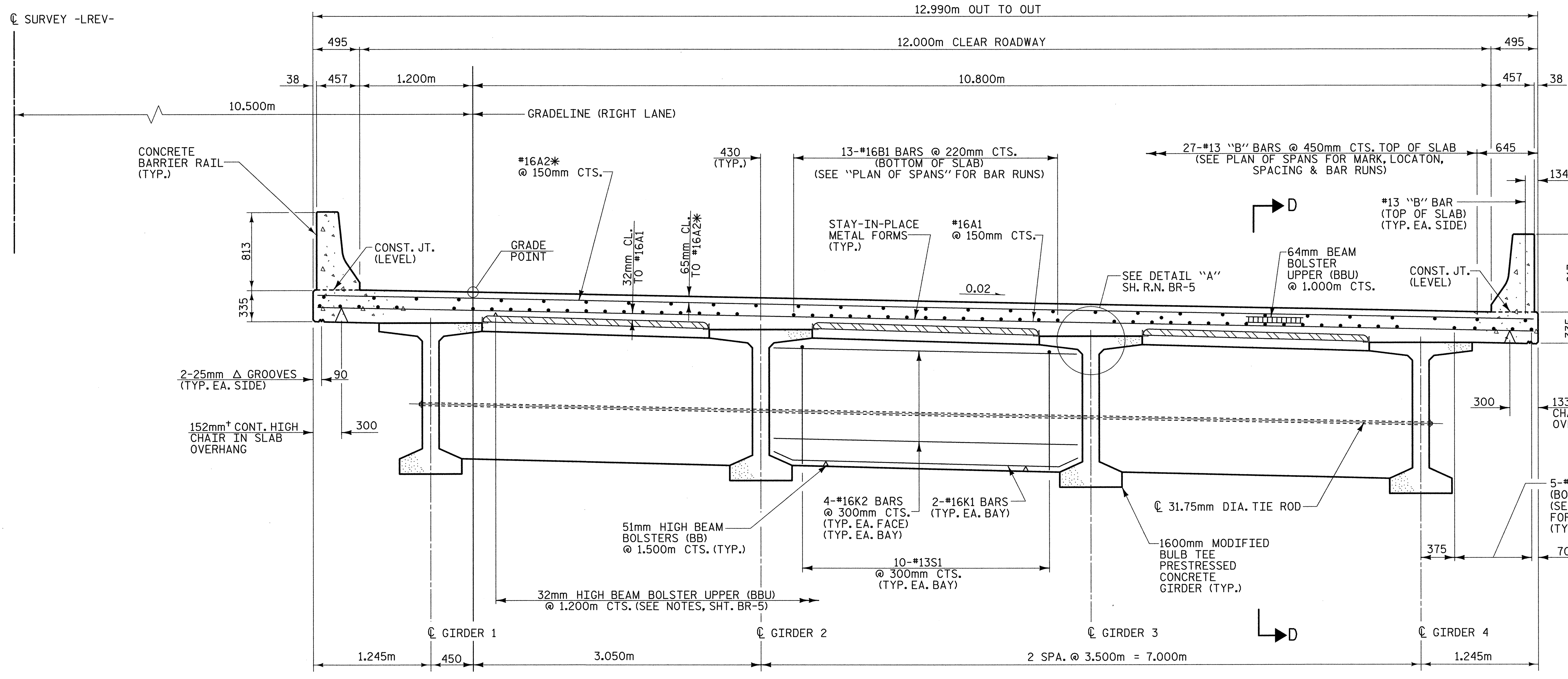


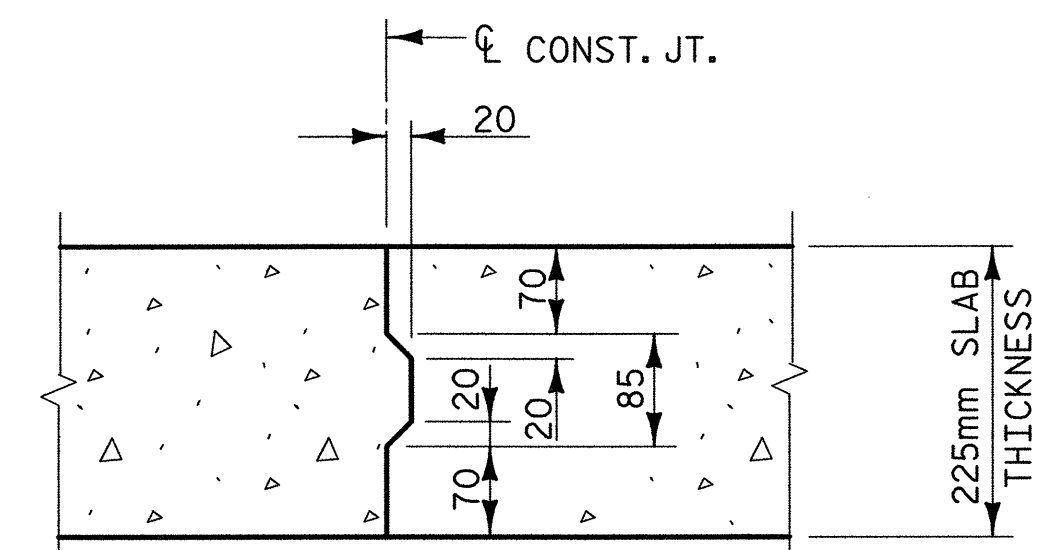
02/04/2005 03:10:42 PM G:\p\project\2004\2004-2552AA\Structures\Site A\Right Lane\R2552AA.LD.TS.02.dgn



12.990m OUT TO OUT
12.000m CLEAR ROADWAY
10.800m
10.500m
495
38
457
1.200m
GRADELINE (RIGHT LANE)
38
457
38
134
813
335
CONCRETE BARRIER RAIL (TYP.)
CONST. JT. (LEVEL)
GRADE POINT
#16A2* @ 150mm CTS.
430 (TYP.)
32mm CL. TO #16A1
65mm CL. TO #16A2*
13-#16B1 BARS @ 220mm CTS. (BOTTOM OF SLAB) (SEE "PLAN OF SPANS" FOR BAR RUNS)
STAY-IN-PLACE METAL FORMS (TYP.)
#16A1 @ 150mm CTS.
0.02
27-#13 "B" BARS @ 450mm CTS. TOP OF SLAB (SEE PLAN OF SPANS FOR MARK, LOCATON, SPACING & BAR RUNS)
#13 "B" BAR (TOP OF SLAB) (TYP. EA. SIDE)
64mm BEAM BOLSTER UPPER (BBU) @ 1.000m CTS.
CONST. JT. (LEVEL)
2-25mm Δ GROOVES (TYP. EA. SIDE)
90
152mm+ CONT. HIGH CHAIR IN SLAB OVERHANG
300
133mm+ CONT. HIGH CHAIR IN SLAB OVERHANG
300
51mm HIGH BEAM BOLSTERS (BB) @ 1.500m CTS. (TYP.)
4-#16K2 BARS @ 300mm CTS. (TYP. EA. FACE)
2-#16K1 BARS (TYP. EA. BAY)
10-#13S1 @ 300mm CTS. (TYP. EA. BAY)
32mm HIGH BEAM BOLSTER UPPER (BBU) @ 1.200m CTS. (SEE NOTES, SHT. BR-5)
#16B1 @ 200mm CTS. (BOTTOM OF SLAB) (SEE PLAN OF SPAN FOR BAR RUNS) (TYP. EACH SIDE)
5-#16B1 @ 200mm CTS. (BOTTOM OF SLAB) (SEE PLAN OF SPAN FOR BAR RUNS) (TYP. EACH SIDE)
31.75mm DIA. TIE ROD
1600mm MODIFIED BULB TEE PRESTRESSED CONCRETE GIRDER (TYP.)
375
70
1.245m
GIRDER 1
450
3.050m
GIRDER 2
2 SPA. @ 3.500m = 7.000m
GIRDER 3
1.245m
GIRDER 4

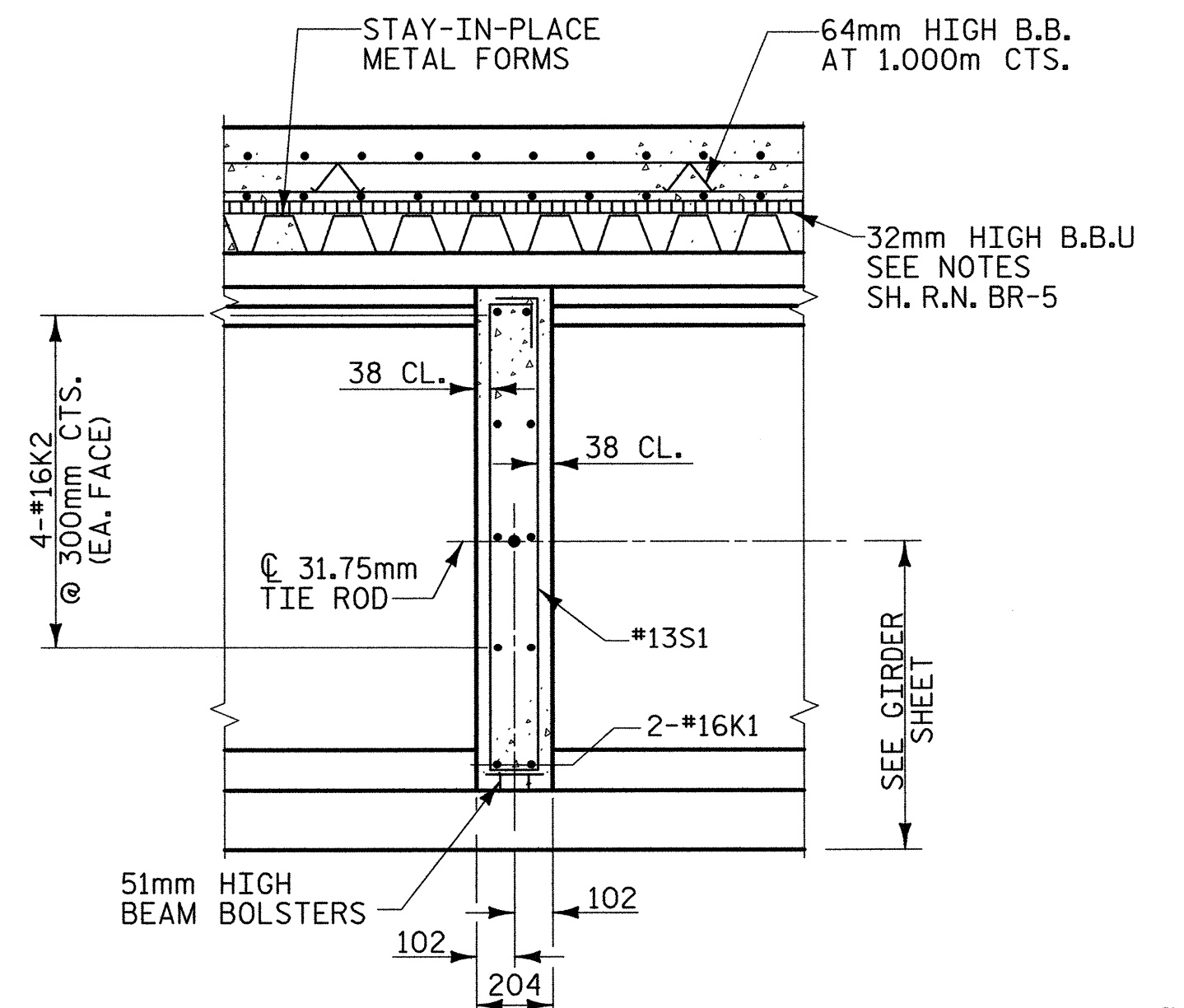
* EPOXY COATED REINFORCING STEEL
+ C.H.C. HEIGHT SHOWN @ BEARINGS, VARIES IN SPAN DUE TO CAMBER

TYPICAL SECTION
(INTERMEDIATE DIAPHRAGMS)

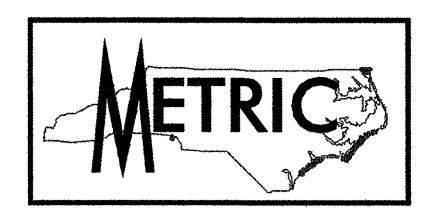


NOTE:
REINFORCING STEEL NOT SHOWN FOR CLARITY.
LONGITUDINAL REINFORCING STEEL SHALL BE CONTINUOUS THRU JOINT.

TRANSVERSE CONSTRUCTION JOINT IN DECK SLAB



SECTION D-D



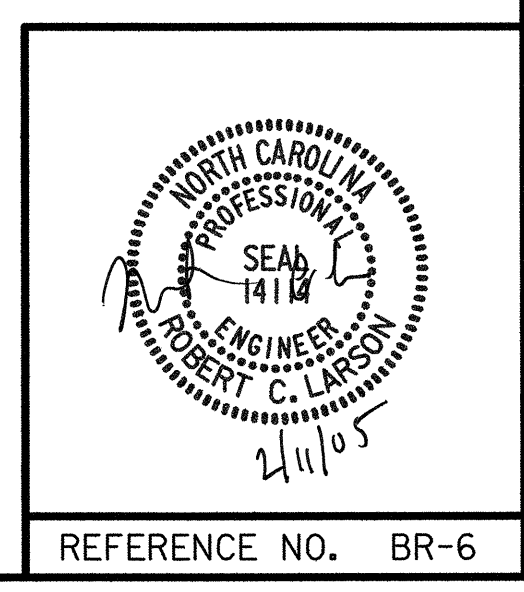
PROJECT NO. R-2552AA
WAKE - JOHNSTON COUNTY
STATION: 14+38.000 -LREV- POT

SHEET 2 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

**SUPERSTRUCTURE
TYPICAL SECTION
(RIGHT LANE)**

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			5-189
2			4			429



DRAWN BY : J. P. SHERMAN DATE : 6/04
CHECKED BY : R. C. LARSON DATE : 7/04

REFERENCE NO. BR-6