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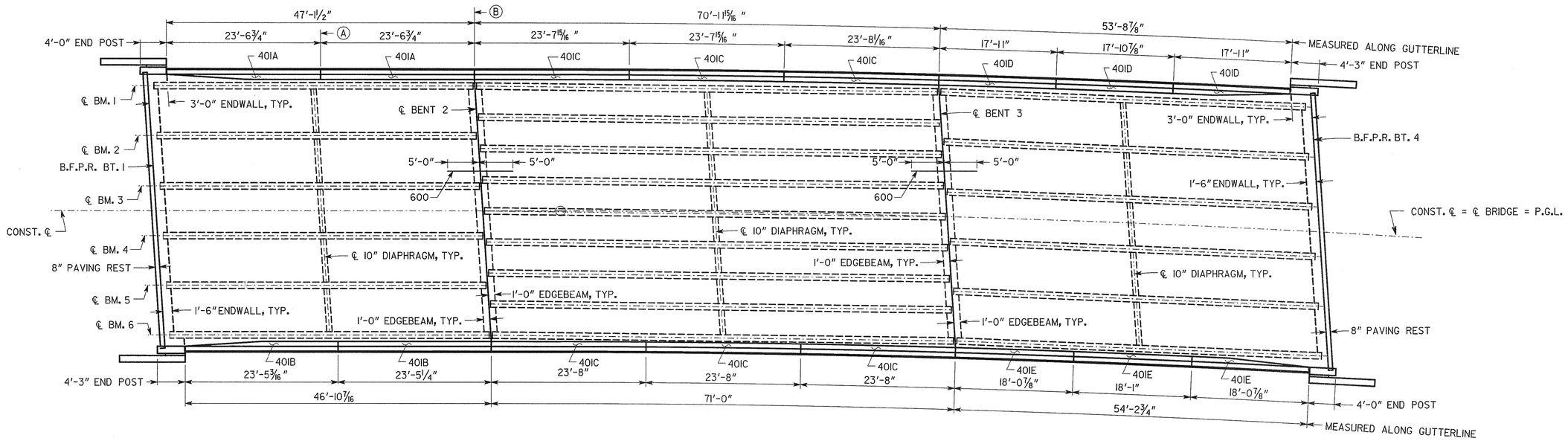
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	BR000-0001-00(220)	129	237

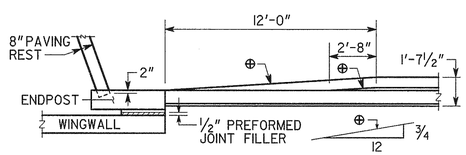


SPAN 1 SPAN 2 SPAN 3

DECK PLAN

Ⓐ ℄ 1" EXP. JT. IN BARRIER, TYP.

Ⓑ ℄ 1" EXP. JT. IN BARRIER = ℄ CONST. JT. IN SLAB, TYP.



BARRIER TRANSITION

BARRIER TRANSITION DETAIL

BEAM LAYOUT DATA

ALL BENTS ARE PARALLEL.

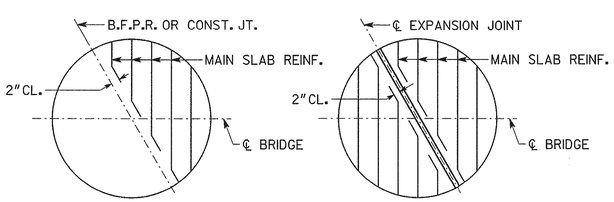
ALL BEAMS ARE PARALLEL TO A CHORD OF CONCENTRIC CIRCLE MEASURED BETWEEN THE B.F.P.R. AND/OR ℄ BENTS. CONCENTRIC CIRCLE = ARC CONST ℄.

BEAM SPACING ARE AS FOLLOWS:

SPAN	BEAM SPACING
1	7'-7¼"
2	4'-9"
3	7'-7"

NOTE: BAR 600 IS THE ONLY DECK REINFORCEMENT THAT IS CONTINUOUS THRU THE REQ'D CONST. JT. AT ℄ BENT. BAR 600 SHALL BE 10-0" LONG AND CENTERED OVER ℄ BENT.

400 BAR IN SPAN 2 SHALL BE LAPPED A MIN. OF 2'-0". LENGTHS GIVEN IN THE BAR SCHEDULE INCLUDES LAP LENGTHS. CONTRACTOR SHALL ALTERNATE LAP LOCATIONS SUCH THAT NO MORE THAN 50 PERCENT OF THE LAPS OCCUR AT ANY ONE LOCATION.



AT B.F.P.R. OR CONST. JOINT AT EXPANSION JOINT

BARS ARE DETAILED IN BAR DETAILS AS EQUIVALENT FULL LENGTH BARS.

BAR BENDING DETAILS AT SKEWED JOINTS

SUPERSTRUCTURE QUANTITIES

ITEM	SPAN 1	SPAN 2	SPAN 3	TOTAL
LUMP-SUPERSTR. CONCRETE, CU. YDS. CLASS "AA"	67.8	78.3	74.9	221.0
LUMP-SUPERSTR. REINF. STEEL, LBS.	18428	17898	20417	56743

END POST CONCRETE AND BAR REINFORCEMENT STEEL INCLUDED IN END SPAN QUANTITIES.
600 BARS INCLUDED IN SPANS 1 AND 3.

BRIDGE NO. 1

GEORGIA
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES

DATE | REVISIONS | BY

DECK PLAN
SR 31- US 319/441 OVER
HEART OF GEORGIA RAILROAD

WHEELER CO. BR000-0001-00(220)

SCALE : ⅛" = 1'-0" FEBRUARY 2011

DRAWING NO. 35-03

BRIDGE SHEET 3 OF 15

DESIGNED LAIII CHECKED WMD/WEI REVIEWED WMD/WEI
DRAWN LAIII DESIGN GROUP LAIII APPROVED BFR/PVL

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