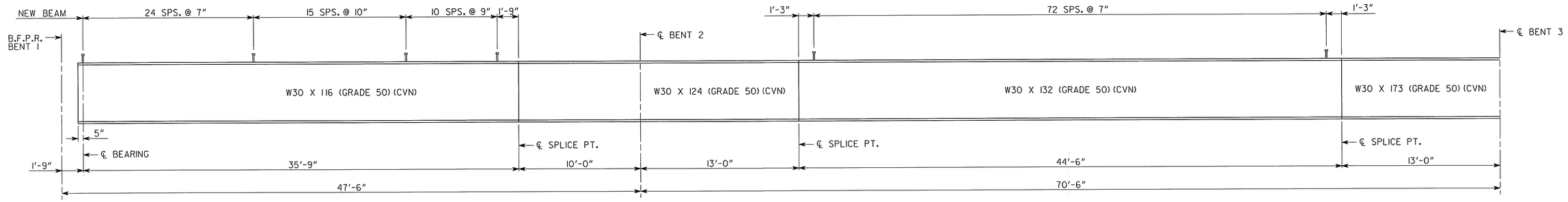
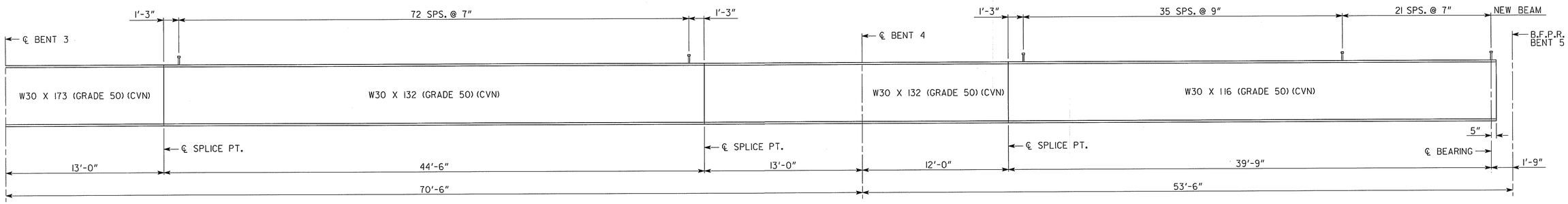
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	CSMSL-0009-00(159)	145	277



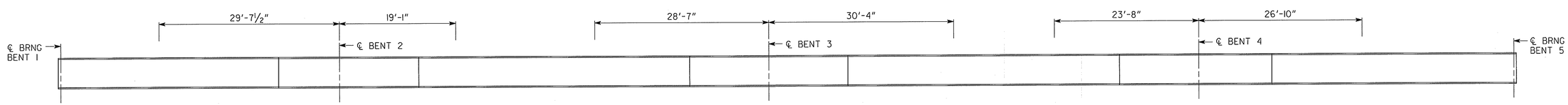
SPAN 1

SPAN 2

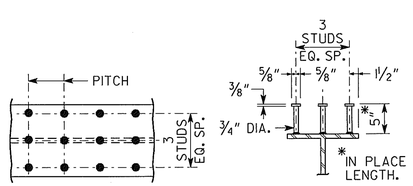


SPAN 3

SPAN 4



TOP FLANGE TENSION ZONES



PLAN OF BEAM

SECTION OF BEAM

FULLY BUTT WELD STUD SHEAR CONNECTORS TO TOP FLANGE OF BEAM.

STUD SHEAR CONNECTOR DETAIL

NEW BEAMS

NOTES

1. DIAPHRAM GUSSET PLATES NOT SHOWN ON BEAM ELEVATION.
2. ALL BEAMS SHALL BE ASTM A 709, GRADE 50. DIAPHRAGMS AND DIAPHRAGM GUSSET PLATE SHALL BE ASTM A 709 GRADE 36.
3. COMPONENTS LABELED (CVN) ARE MAIN LOAD CARRYING MEMBERS SUBJECT TO TENSILE STRESS AND SHALL MEET THE CHARPY V-NOTCH TEST REQUIREMENTS AS SPECIFIED BY SECTION 851 OF THE GEORGIA DOT SPECIFICATIONS.
4. SEE BRIDGE SHEET 10 FOR CAMBER AND DEFLECTION DETAILS.

REVISIONS			
BY	PROJ. & SHEET NOS.	DATE
JPT		02/14/11

BRIDGE NO. 1

ARCADIS
2849 PACES FERRY ROAD, SUITE 400
ATLANTA, GEORGIA 30339
TEL: 770/431-8666 FAX: 770/435-2666

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

STEEL BEAM DETAILS
SR 9 (ROSWELL ROAD) OVER I-285
FULTON COUNTY △ CSMSL-0009-00(159)

DRAWING NO. 35-09
BRIDGE SHEET 9 OF 18

SCALE: NO SCALE
AUGUST 2010

DESIGNED JPT
DRAWN MLF
CHECKED JMA
DESIGN GROUP X
REVIEWED WMD/WEI
APPROVED PVL

1 INCH WHEN PRINTED FULL SIZE

X.DGN

Filename: G:\Tra\63913 - Roswell Rd\Bridge\Final 02.2011\63913-bm1.dgn
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