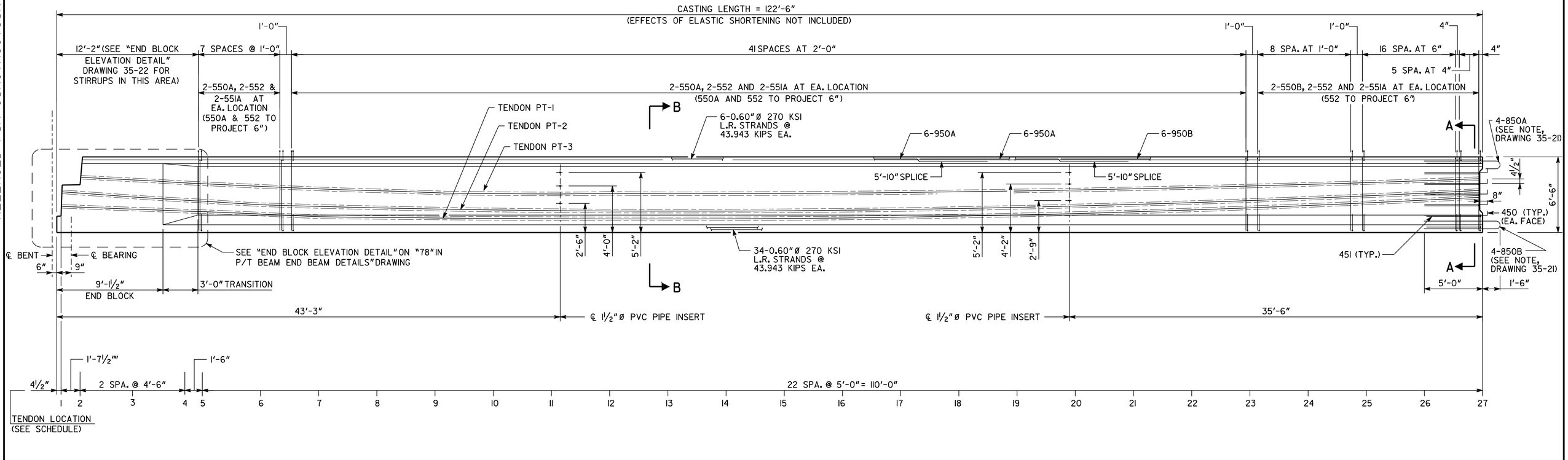
RELEASED FOR CONSTRUCTION 10-05-2010



TENDON LOCATION SCHEDULE

(DISTANCES SHOWN ARE MEASURED FROM BOTTOM OF BEAM TO ℄ DUCT)

SECTION	TENDON PT-1	TENDON PT-2	TENDON PT-3
1	2'-3"	3'-6"	-
2	2'-2 1/16"	3'-4 1/2"	4'-9"
3	1'-11 15/16"	3'-1 3/8"	4'-6 1/8"
4	1'-10 1/8"	2'-10 1/2"	4'-3 1/2"
5	1'-9 9/16"	2'-9 5/8"	4'-2 11/16"
6	1'-7 13/16"	2'-6 15/16"	4'-0 3/16"
7	1'-6 1/4"	2'-4 9/16"	3'-10 1/16"
8	1'-5"	2'-2 9/16"	3'-8 3/16"
9	1'-3 15/16"	2'-0 15/16"	3'-6 11/16"
10	1'-3 1/16"	1'-11 11/16"	3'-5 9/16"
11	1'-2 1/2"	1'-10 3/4"	3'-4 11/16"
12	1'-2 1/8"	1'-10 3/16"	3'-4 3/16"
13	1'-2"	1'-10"	3'-4"
14	1'-2 1/8"	1'-10 1/8"	3'-4 1/16"
15	1'-2 7/16"	1'-10 7/16"	3'-4 5/16"
16	1'-3"	1'-10 15/16"	3'-4 11/16"
17	1'-3 13/16"	1'-11 3/4"	3'-5 1/4"
18	1'-4 13/16"	2'-0 11/16"	3'-6"
19	1'-6 1/8"	2'-1 15/16"	3'-6 7/8"
20	1'-7 9/16"	2'-3 3/8"	3'-7 7/8"
21	1'-9 5/16"	2'-5"	3'-9 1/16"
22	1'-11 1/4"	2'-6 7/8"	3'-10 7/16"
23	2'-1 7/16"	2'-8 15/16"	3'-11 15/16"
24	2'-3 7/8"	2'-11 1/4"	4'-1 11/16"
25	2'-6 9/16"	3'-1 13/16"	4'-3 1/2"
26	2'-9 7/16"	3'-4 9/16"	4'-5 1/2"
27	3'-0 9/16"	3'-7 9/16"	4'-7 11/16"

ELEVATION OF END BEAM OF CHANNEL UNIT

POST-TENSIONING TENDONS PT-1 THRU PT-3 ARE EACH COMPRISED OF 15-0.60"Ø 270 KSI L.R. STRANDS

NOTES:

FOR SECTIONS A-A AND B-B, SEE DRAWING 35-21.

USE THREADED INSERTS ON EXTERIOR BEAMS INSTEAD OF PVC PIPE INSERTS. SEE "P/T BEAM DETAILS" DRAWING 35-28.

FOR REINFORCING AROUND PVC PIPE INSERTS AND THREADED INSERTS, SEE "P/T BEAM DETAILS" DRAWING 35-28.

450 BARS SHALL BE BENT AFTER BEAM FABRICATION AND BEFORE SHIPMENT. HEAT BENDING SHALL NOT BE ALLOWED.

BRIDGE NO. 1

THE LPA GROUP

THE LPA GROUP INCORPORATED
TRANSPORTATION CONSULTANTS
3595 ENGINEERING DRIVE
NORCROSS, GEORGIA 30092
(770) 263-9118

GEORGIA
DEPARTMENT OF TRANSPORTATION
PRECONSTRUCTION DIVISION-OFFICE OF BRIDGE DESIGN

BULB TEE, 78 IN P/T BEAM - END BEAM
SR 204 SPUR (DIAMOND CAUSEWAY)
OVER SKIDAWAY NARROWS
CHATHAM COUNTY CSSTP-0008-00(651)

BY	REVISIONS	DATE

DRAWING NO. 35-20

BRIDGE SHEET 20 OF 48

SCALE: AS SHOWN OCTOBER 2010

DESIGNED SAD CHECKED DGH REVIEWED WMD / WEI
DRAWN JNA / MDM DESIGN GROUP DGH APPROVED PVL