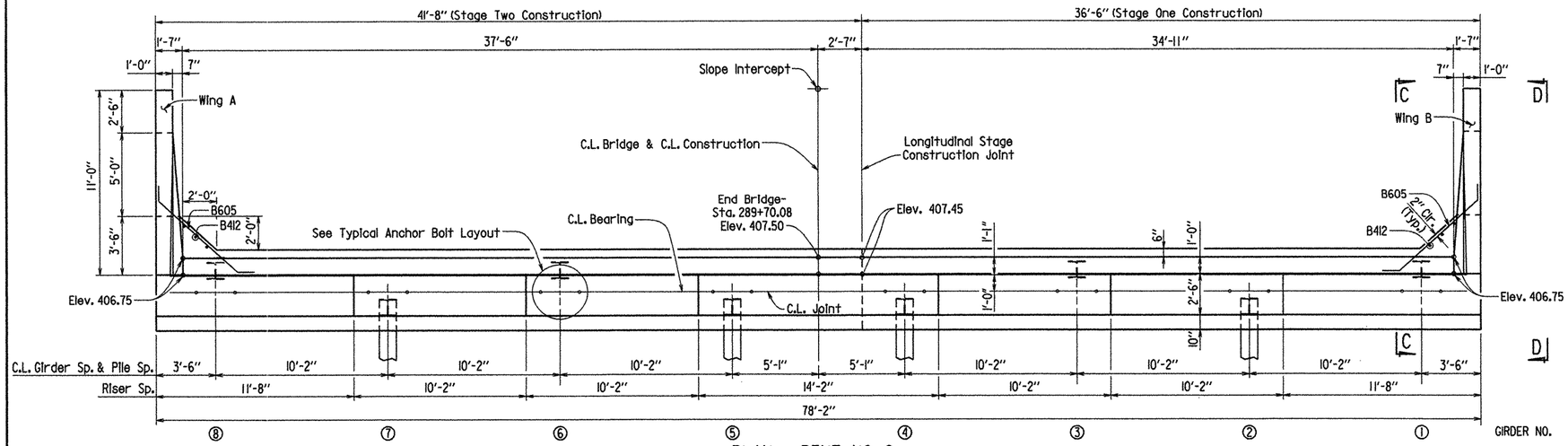
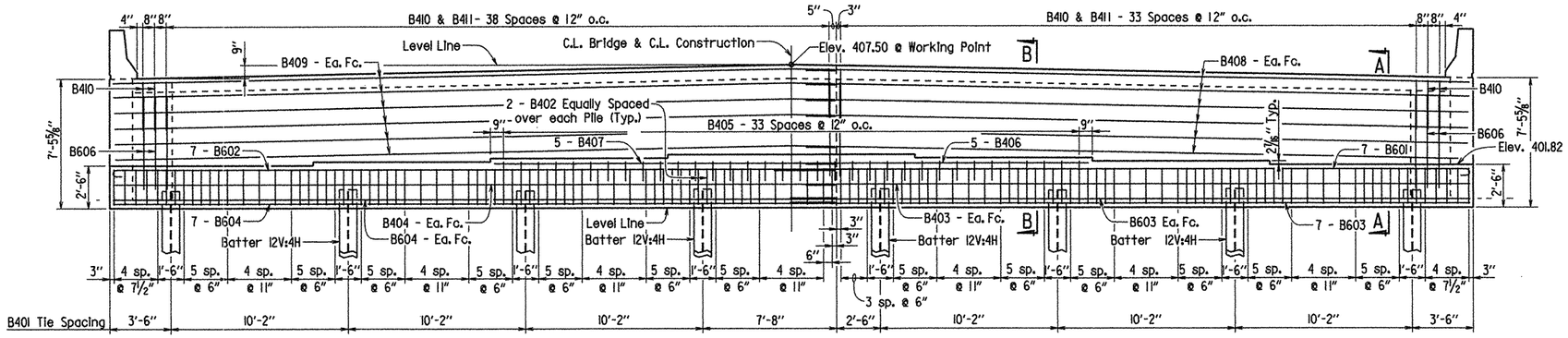
DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
6	ARK.			
JOB NO.		040487	85	200
① 07154		END BENTS		50596



PLAN - BENT NO. 6

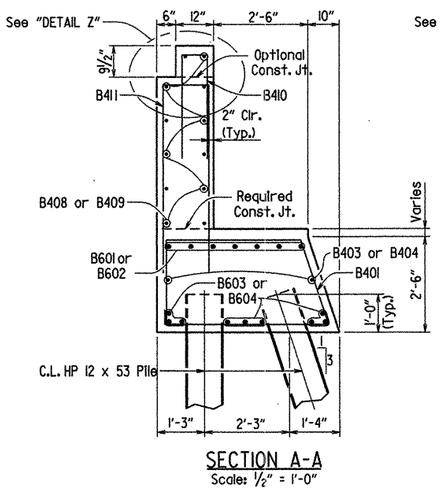
Scale: 1/4" = 1'-0"



ELEVATION (LOOKING AHEAD)

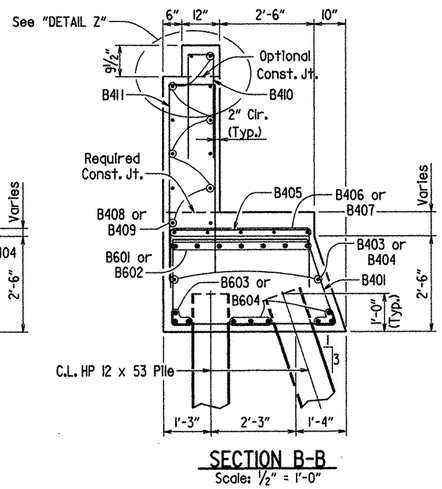
Scale: 1/4" = 1'-0"

Note: No. 6 bars in top of cap to be lapped a minimum of 3'-7".
No. 6 bars in bottom of cap to be lapped a minimum of 2'-8".
No. 4 bars in face of cap and backwall to be lapped a minimum of 1'-9".



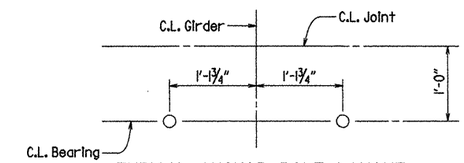
SECTION A-A

Scale: 1/2" = 1'-0"



SECTION B-B

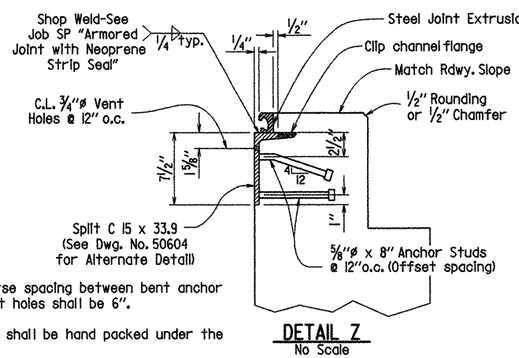
Scale: 1/2" = 1'-0"



TYPICAL ANCHOR BOLT LAYOUT

No Scale

For Details of Elastomeric Bearings, See Dwg. No. 50606



Note: Transverse spacing between bent anchor studs and vent holes shall be 6".

Note: Concrete shall be hand packed under the joint armor.

DETAIL Z

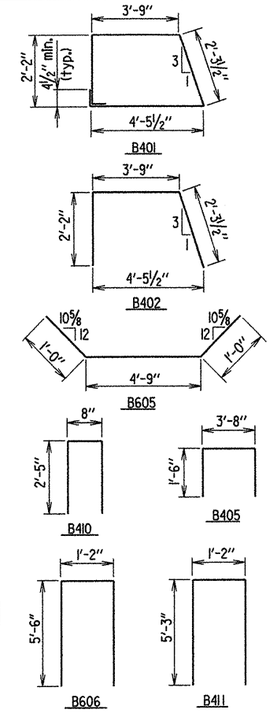
No Scale

Note: For additional joint details, see Dwg. No. 50604 & 50605.

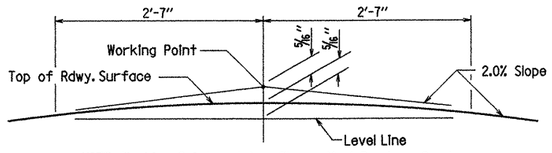
BAR LIST FOR END BENT 6

Mark	No. Req'd. Stg. One	No. Req'd. Stg. Two	Length	Pin Dia.
B401	54	61	13'-0"	2"
B402	8	8	8'-1"	2"
B403	2	—	38'-2"	str.
B404	—	2	41'-5"	str.
B405	14	20	6'-6"	2"
B406	5	—	16'-3"	str.
B407	—	5	19'-7"	str.
B408	12	—	38'-2"	str.
B409	—	12	41'-5"	str.
B410	36	41	5'-4"	2"
B411	34	39	11'-6"	2"
B412	3	3	6'-3"	str.
B601	7	—	40'-8"	4½"
B602	—	7	42'-1"	4½"
B603	9	—	39'-1"	str.
B604	—	9	41'-5"	str.
B605	6	6	6'-9"	4½"
B606	2	2	11'-10"	4½"

Bending Diagrams (Dimensions are out to out of bars.)



Note: See Dwg. No. 50597 for Bar List for Wings.



NOTE: Working Point matches Theoretical Roadway Grade.

ROUNDING DETAIL

No Scale

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 14337
12/17/09
CHARLES P. BRAND

BRIDGE ENGINEER

SHEET 2 OF 3
DETAILS OF END BENTS
VACHE GRASSE CREEK
ROUTE 22 SEC. 1

ARKANSAS STATE HIGHWAY COMMISSION

LITTLE ROCK, ARK.

DRAWN BY: TEH/MJT DATE: 11-4-08 FILENAME: B040487XI_BI.dgn
CHECKED BY: JGT DATE: 9-14-09 SCALE: 1/4" or as noted
DESIGNED BY: JGT DATE: 10-08

BRIDGE NO. 07154 DRAWING NO. 50596