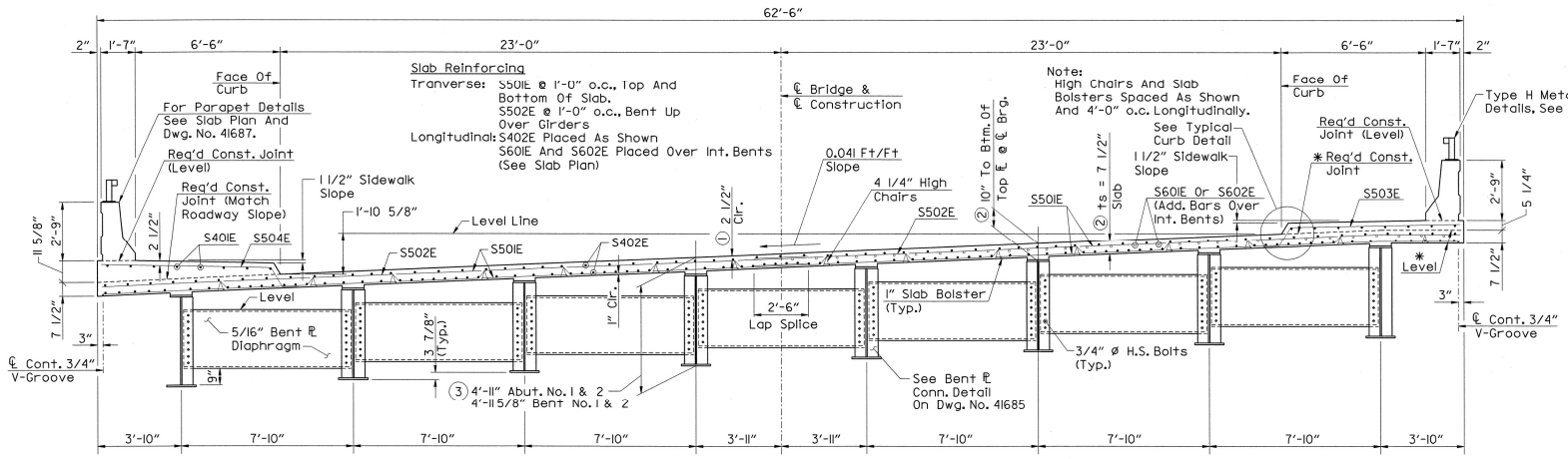
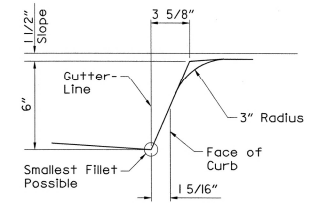
DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED.ROAD NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.		39	106
				JOB NO.		060878		

(1) 04845 SPAN DTLS. 41684



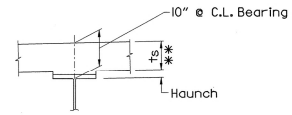
HALF SECTION NEAR MIDSPAN
Scale: 3/8"=1'-0"

HALF SECTION NEAR INT. BENT
Scale: 3/8"=1'-0"



TYPICAL CURB DETAIL
N.T.S.

* Const. Joint On High Side Shall Match Roadway Slope Except Cantilever Portion Shall Be Level



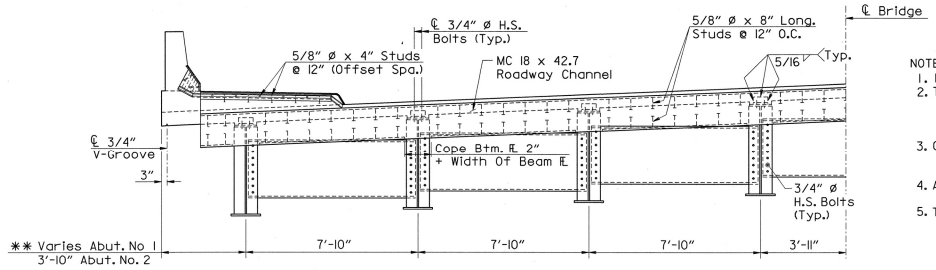
Note: t_s = Slab Thickness As Shown On "TYPICAL SECTION".
** Tolerance When Removable Deck Forming Is Used Is + 1/2", - 1/4". Haunch Forming Is Required And Shall Be Adjusted To Maintain Slab Thickness Tolerance.

NOTE:
Detail Expansion Device 1/8" High And Provide 1/4" Shims Using 1- 1/8" PL & 2 - 1/16" PL's

(1) TOLERANCE:
Minus = 1/4"
Plus = equal to amount of Slab Thickening used to meet Slab Thickness Tolerance - See "ADJUSTMENT FOR SLAB THICKNESS TOLERANCE WHEN REMOVABLE DECK FORMING IS USED".

(2) Refer to "ADJUSTMENT FOR SLAB THICKNESS TOLERANCE WHEN REMOVABLE DECK FORMING IS USED".

(3) This Dimension Is Taken @ CL Bearing & CL Girder.



HALF SECTION NEAR STRIP SEAL EXPANSION
Scale: 3/8"=1'-0"

** Dimension Varies @ Abut. No.1, See Slab Plan On Dwg. No. 41682.

NOTES:
1. For General Notes, See Dwg. No. 41673.
2. The Concrete Bridge Deck Shall Be Given A Tine Finish As Specified For Final Finish In Subsection 802.19 For Class 5 Roadway Surface Finish To Within 6" Of The Curb.
3. Class I Protective Surface Treatment Shall Be Applied To The Roadway Surface, Curb, Sidewalk And The Top And Front Face Of The Rail.
4. A Textured Coating Concrete Finish Shall Be Applied In Accordance w/ Job Special Provision.
5. The Superstructure Details Shown Are For Use When Removable Deck Forming Is Used And Are The Basis For Measurment Of Class S(AE) Concrete. See Standard Drawing 14991 For Allowable Modifications And For Tolerances When Permanent Steel Bridge Deck Forms Are Used.
6. Permanent Stay-In-Place Forms Are Required For Span No. 2 Over The Railroad. See Job SP "Special Safety Requirements".
7. For Details Of Chainlink Fence Required On Span No. 2, See Dwg. No. 41689.
8. For Strip Seal Expansion Joint Details, See Drawing No. 41690.

ADJUSTMENT FOR SLAB THICKNESS TOLERANCE WHEN REMOVABLE DECK FORMING IS USED
NTS

Haunch dimension may vary within the following limits to maintain the grade and slab thickness tolerance: minimum - occurs when the top flange contacts the bottom reinforcing steel; maximum - top flange thickness plus 1/2". No increase in concrete and structural steel quantities will be made to maintain tolerances.

Tolerances shown are applicable only when removable deck forming is used. See Std. Dwg. No. 14991 for tolerances when permanent steel deck forms are used. Payment for concrete shall be based on removable deck forming.

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No.8017 JOHN H. RUDDELL

BRIDGE ENGINEER

SHEET 3 OF 9

340' CONT. PLATE GIRDER DETAILS
U.P. RAILROAD OVERPASS

LONOKE COUNTY
ROUTE SEC.

ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

DRAWN BY: CWT DATE: AUG., 2000
CHECKED BY: AJK DATE: AUG., 2000
DESIGNED BY: JHR DATE: AUG., 2000
FILENAME: B060878_S3
SCALE: AS NOTED

BRIDGE NO. 04845 DRAWING NO. 41684

HEW/CWT 07/05/01 O:/BRIDGE/DWG/B060878_S3.DGN 6-02-07

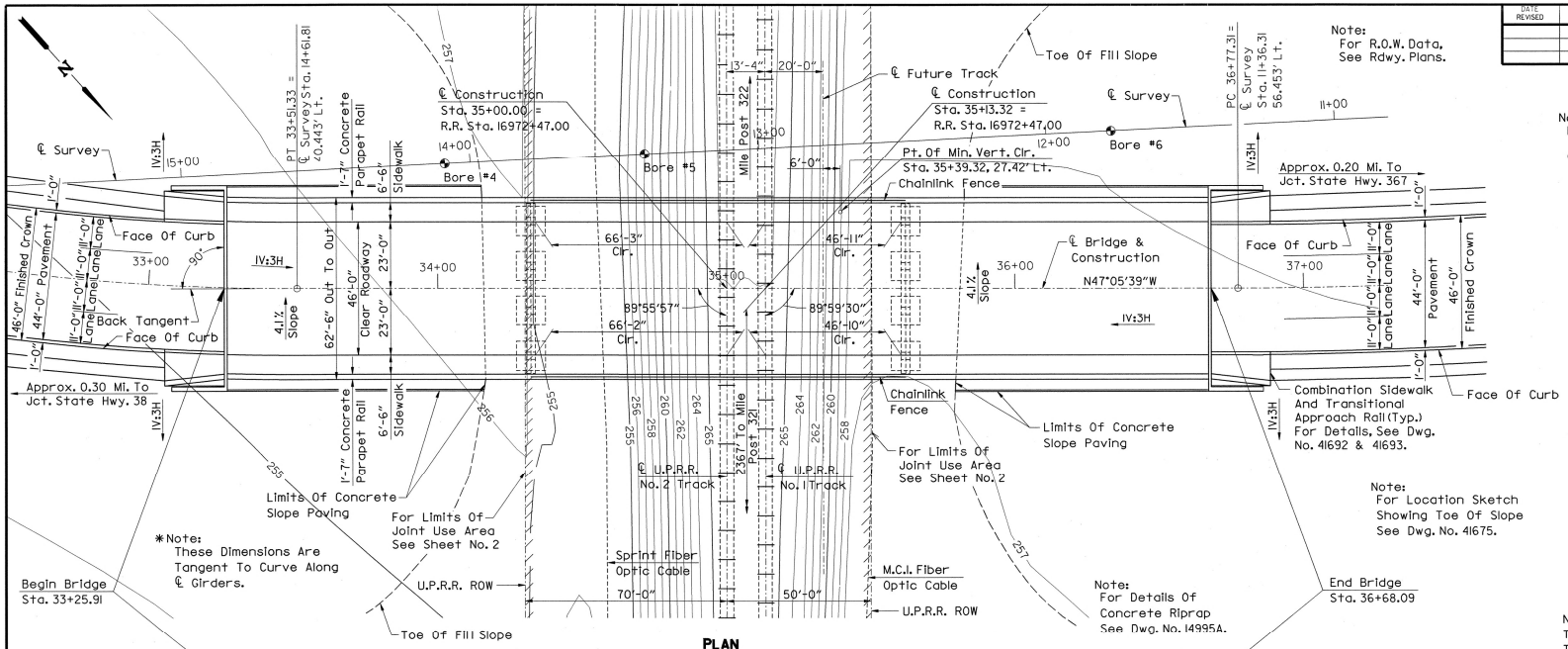
DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED.ROAD NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.		29	106
				JOB NO.		060878		
				(1) 04845		LAYOUT		41674

Note:
For R.O.W. Data,
See Rdwy. Plans.

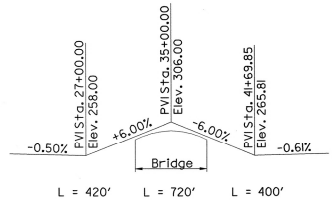
Note:
For General Notes, See Dwg. No. 41675.

℄ Construction
Horizontal Curve Data
PI Sta. 30+43.51
Δ = 45°40'43" L
D = 7.00°
T = 344.73'
L = 652.55'
R = 818.51
PC Sta. 26+98.78
PT Sta. 33+51.33

℄ Construction
Horizontal Curve Data
PI Sta. 37+56.61
Δ = 06°20'14" L
D = 4.00°
T = 79.30'
L = 158.43'
R = 1432.39
PC Sta. 36+77.31
PT Sta. 38+35.73



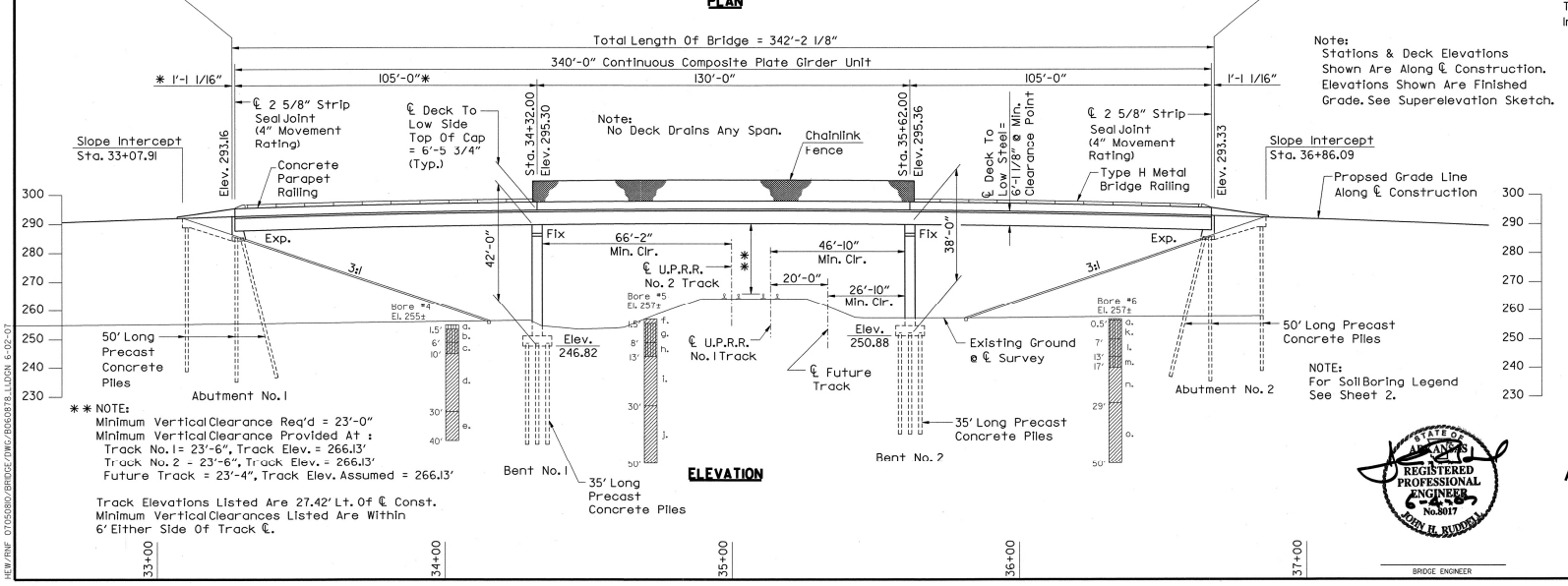
PLAN



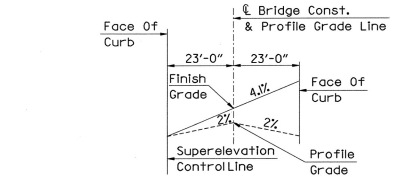
VERTICAL CURVE DATA
(Profile Grade Line At ℄ Bridge & Construction)

Note:
The Proposed Bridge Structure Will Not Change The Quantity And/Or Characteristics Of The Flow In The Railway's Ditches And/Or Drainage Structures.

Note:
Stations & Deck Elevations Shown Are Along ℄ Construction. Elevations Shown Are Finished Grade. See Superelevation Sketch.



ELEVATION



SUPERELEVATION
(Looking Ahead)

"EXHIBIT A"
SHEET 1 OF 4

LAYOUT OF BRIDGE
U. P. RAILROAD OVERPASS (CABOT) (S)
LONOKE COUNTY
ROUTE SEC.

ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

DRAWN BY: RNF/HEW DATE: SEPT., 2000
CHECKED BY: JHR DATE: SEPT., 2000
DESIGNED BY: GAF DATE: SEPT., 2000
FILENAME: B060878_L1
SCALE: 1"-20'-0"

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 8017 JOHN H. RUDDELL
BRIDGE ENGINEER

BRIDGE NO. 04845 DRAWING NO. 41674

HEW/RNF D:\05080\BRIDGE\DWG\B060878_L1.DGN 6-02-07