

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	050423	1	61
PINEY CREEK STR. & APPRS. (S)						

ARKANSAS DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLANS FOR STATE HIGHWAY

PINEY CREEK
STR. & APPRS. (S)

IZARD COUNTY
ROUTE 56 SECTION 1

FEDERAL AID PROJ. BFP-0033(28)

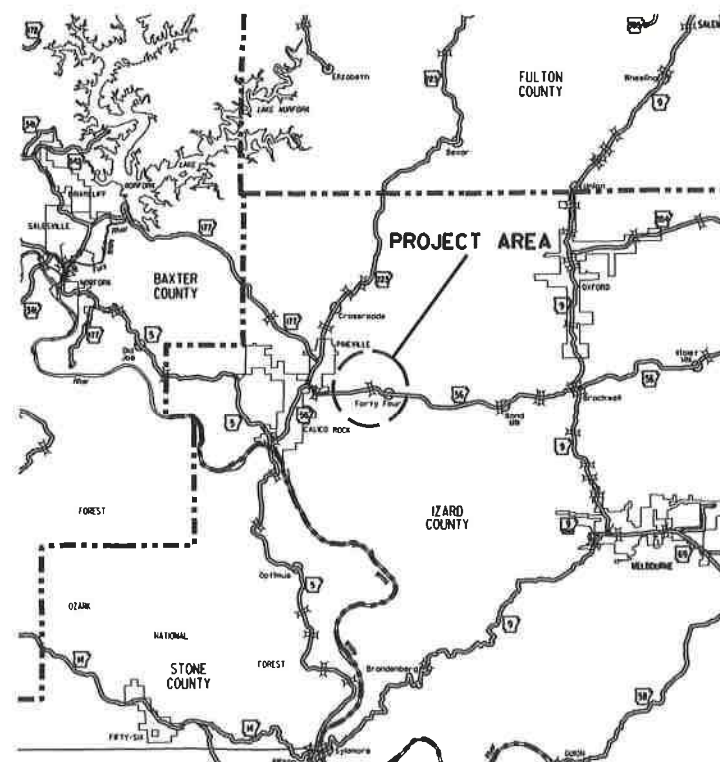
JOB 050423



ARK. HWY. DIST. NO. 5

DESIGN TRAFFIC DATA

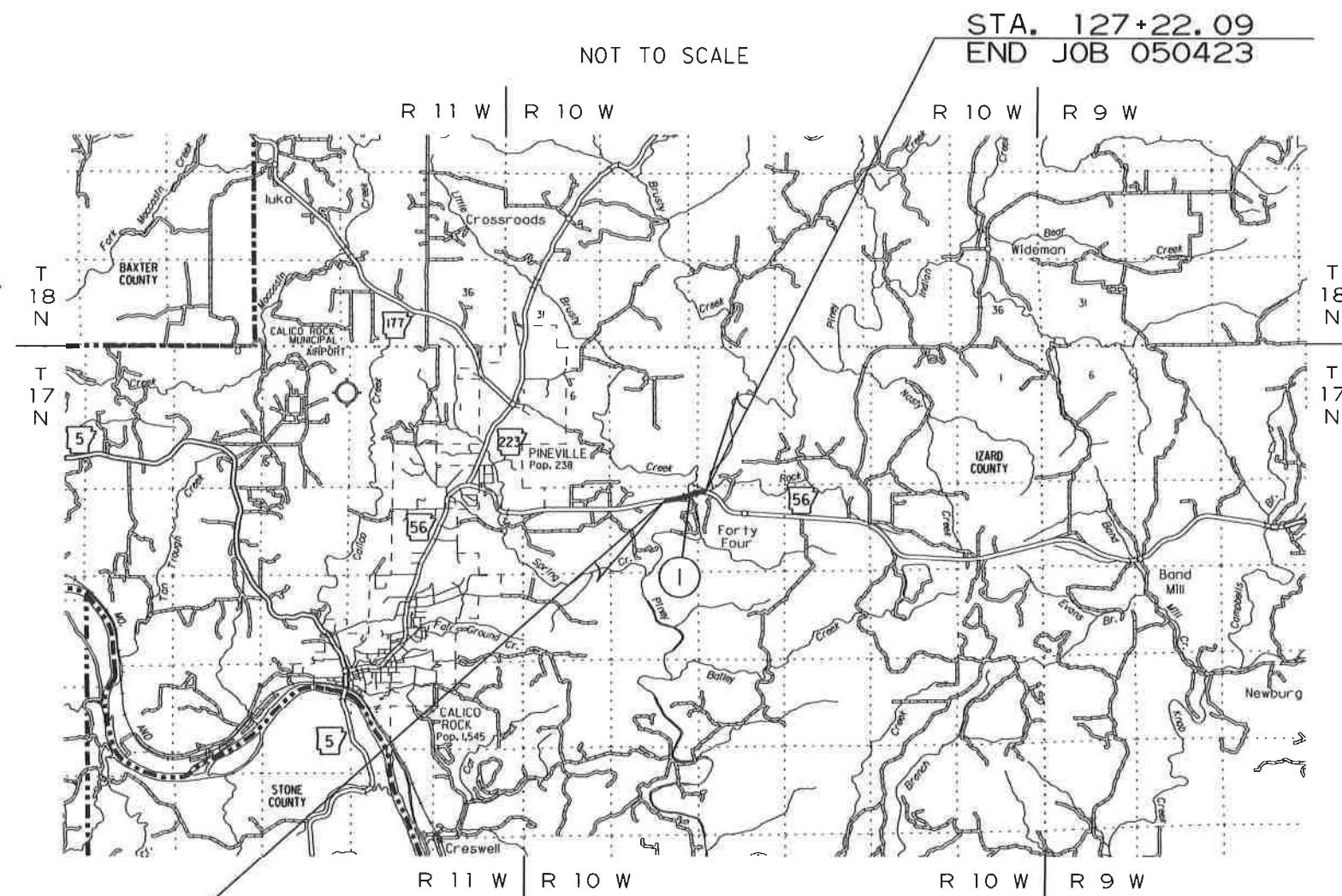
DESIGN YEAR	2044
2024 ADT	2100
2044 ADT	2300
2044 DHV	253
DIRECTIONAL DISTRIBUTION	0.60
TRUCKS	5%
DESIGN SPEED	55 MPH



VICINITY MAP

BRIDGE DATA

- 1 BR. END STA. 116+68.90
BRIDGE NO. 07604
40'-0" CLEAR ROADWAY
362'-2 1/2" TOTAL LENGTH
360'-0" CONT. COMP. W-BEAM UNIT
(140', 110', 110')
BR. END STA. 120+31.10



STA. 101+00.00
BEGIN JOB 050423
LOG MILE 5.25



APPROVED



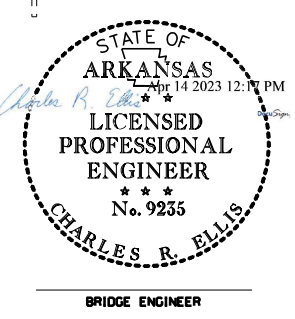
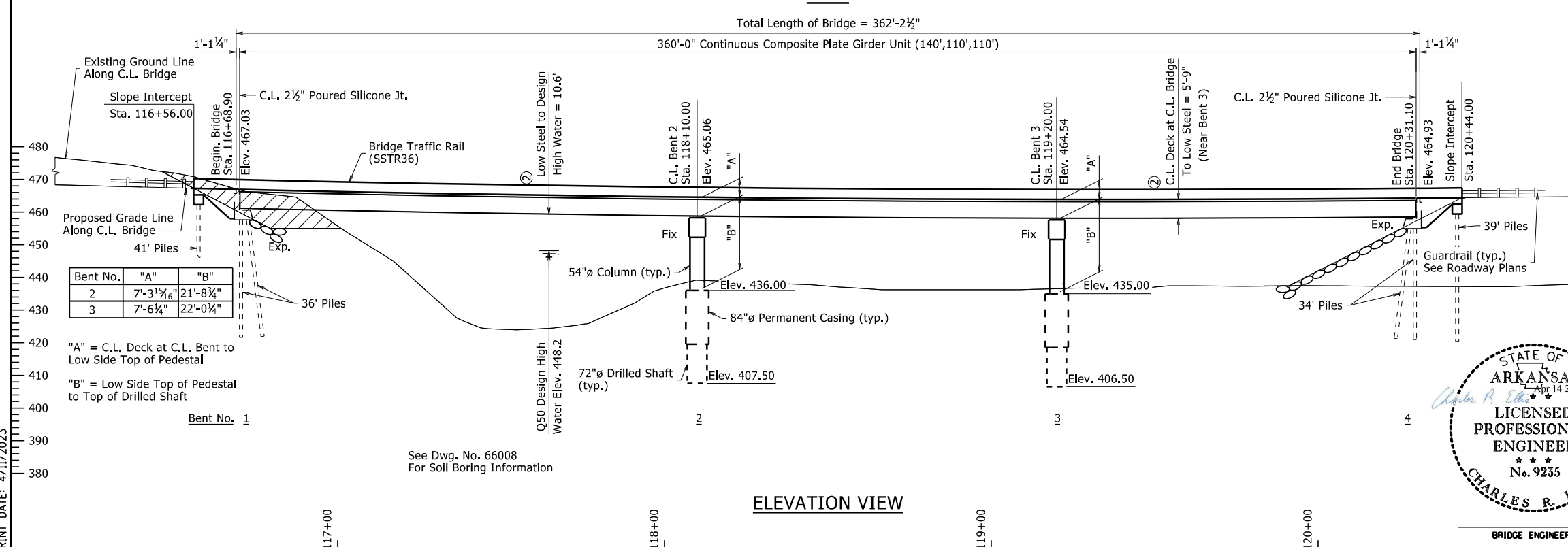
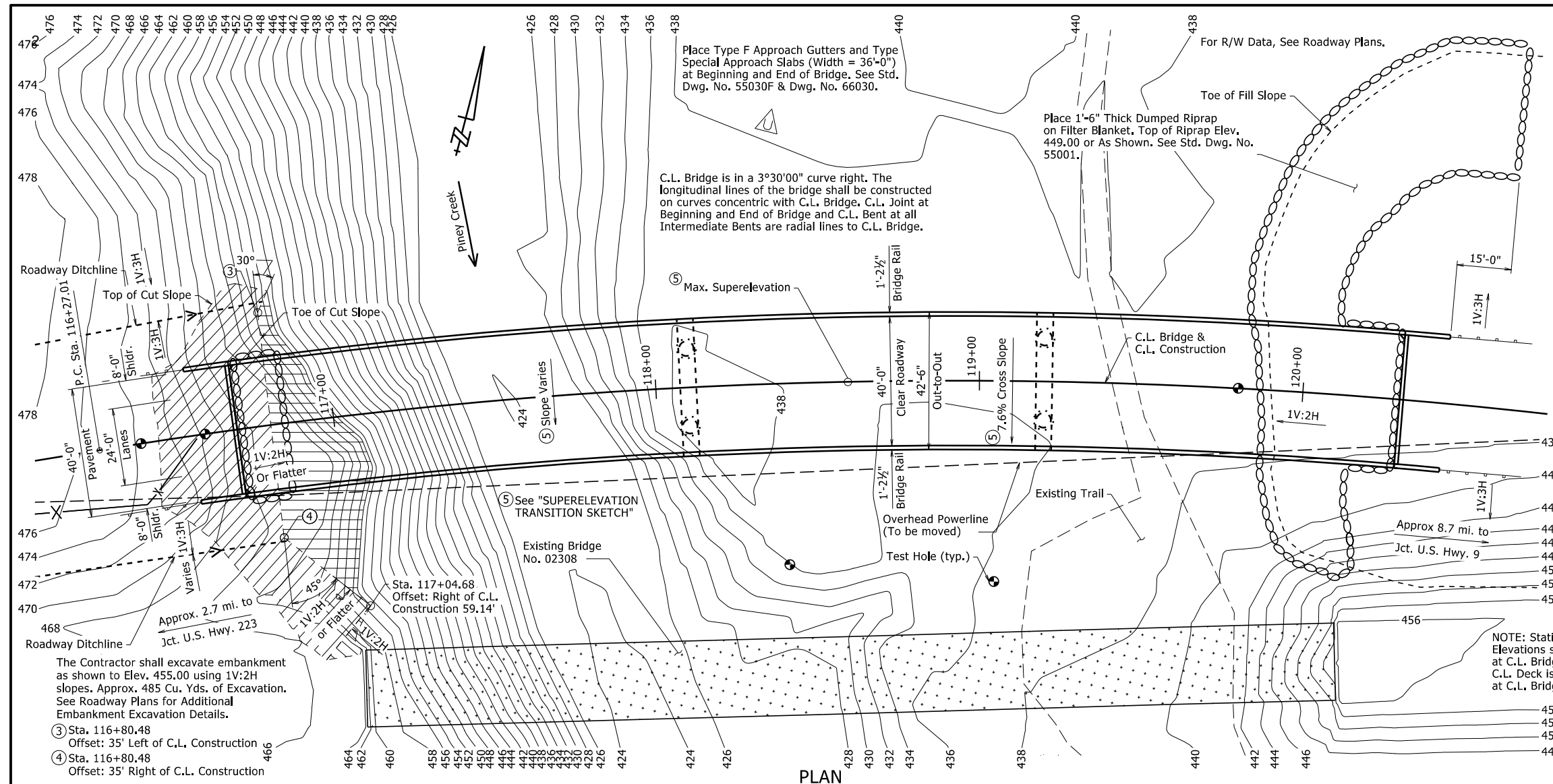
CHIEF ENGINEER - PRECONSTRUCTION
NOV 10 2023

	BEGIN PROJECT	MID-POINT OF PROJECT	END PROJECT
LATITUDE	N 36°08'46"	N 36°08'48"	N 36°08'50"
LONGITUDE	W 92°04'36"	W 92°04'21"	W 92°04'05"

LENGTH OF PROJECT CALCULATED ALONG C.L.			
GROSS LENGTH OF PROJECT	2622.09	FEET OR	0.497 MILES
NET ROADWAY	2259.88		0.428 MILES
NET BRIDGES	362.21		0.069 MILES
NET PROJECT	2622.09		0.497 MILES

MM41715 7/18/2023 R050423.DGN T/18/2023

DATE REVISED	DATE REVISED	FIG. NO. DWT. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	050423	26	61
07604 - LAYOUT - 66007						



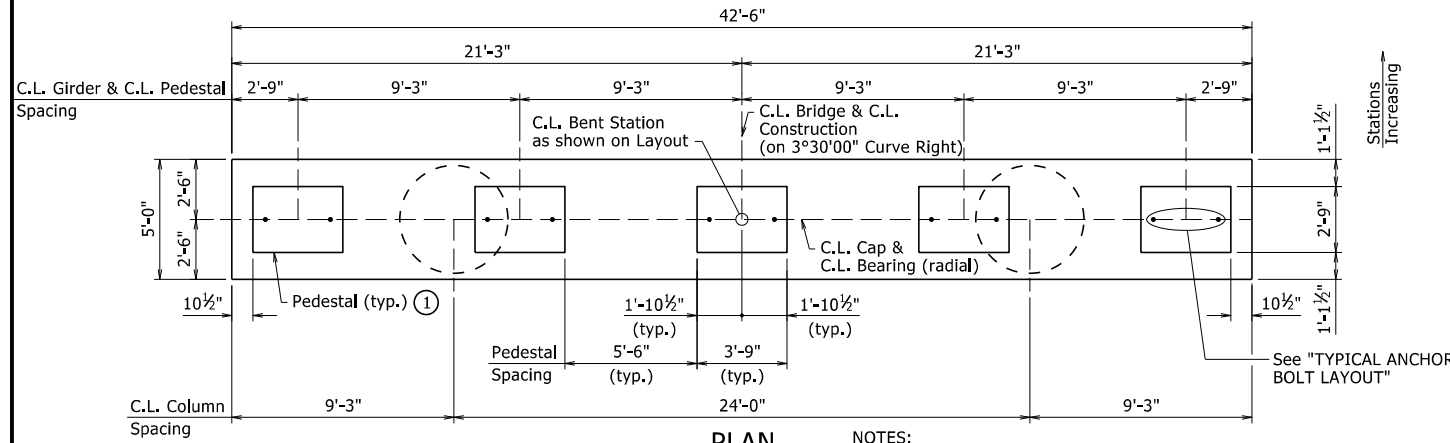
SHEET 1 OF 2
LAYOUT OF BRIDGE
HIGHWAY 56 OVER PINEY CREEK
PINEY CREEK STR. & APPRS. (S)
IZARD COUNTY

ROUTE 56 SEC. 1
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

DRAWN BY: RD DATE: 12/13/2021 FILENAME: b050423_L1.dgn
CHECKED BY: MCB DATE: 4/11/2023 SCALE: 1" = 20'-0"
DESIGNED BY: MCB DATE: 12/13/2021
BRIDGE NO. 07604 DRAWING NO. 66007

PRINT DATE: 4/11/2023

DATE REVISED	DATE REVISED	FIG. NO. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	050423	32	61
07604 - BENT 2 - 66013						



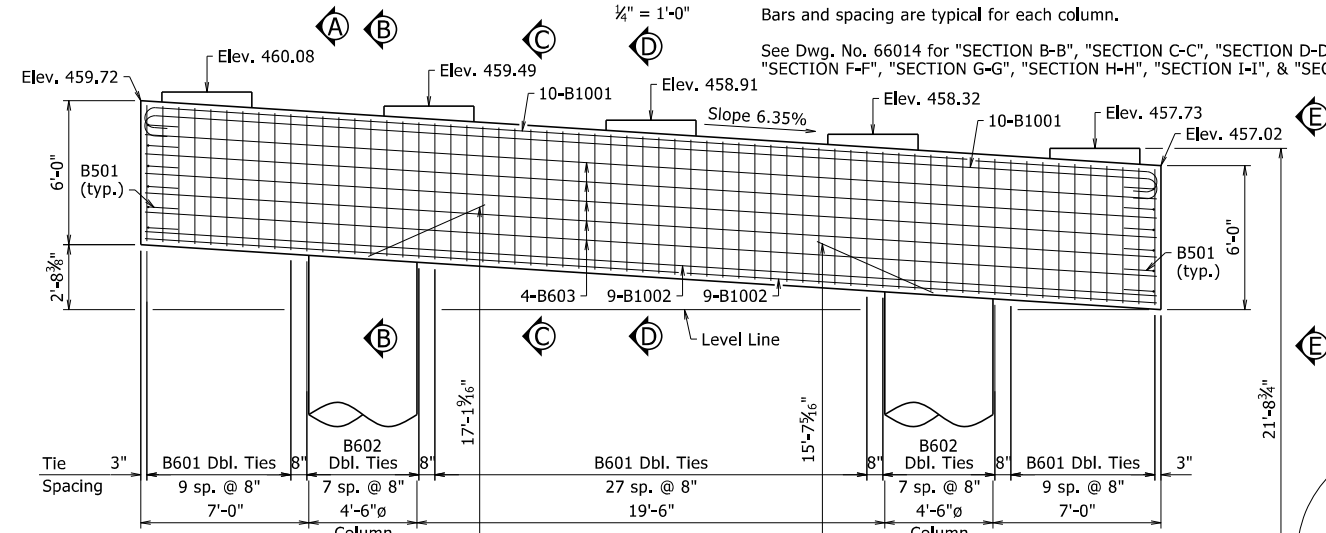
PLAN

1/4" = 1'-0"

NOTES:

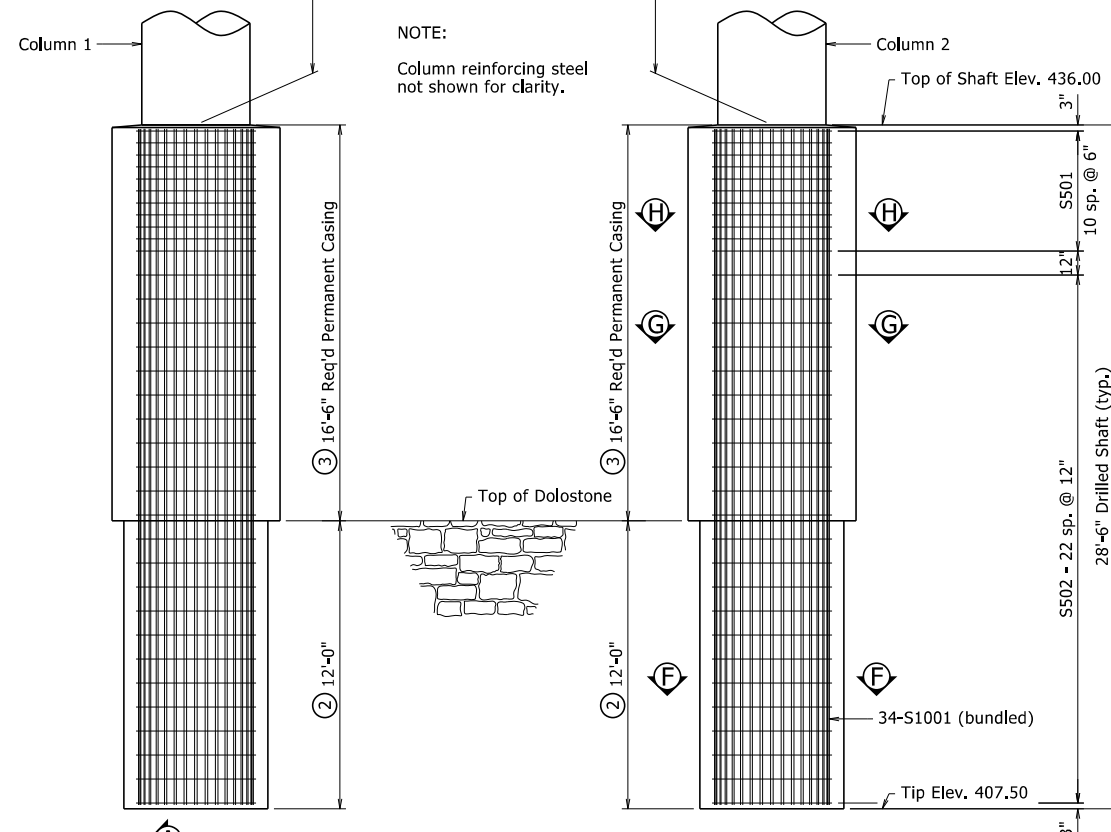
Bars and spacing are typical for each column.

See Dwg. No. 66014 for "SECTION B-B", "SECTION C-C", "SECTION D-D", "VIEW E-E", "SECTION F-F", "SECTION G-G", "SECTION H-H", "SECTION I-I", & "SECTION J-J".



NOTE:

Column reinforcing steel not shown for clarity.

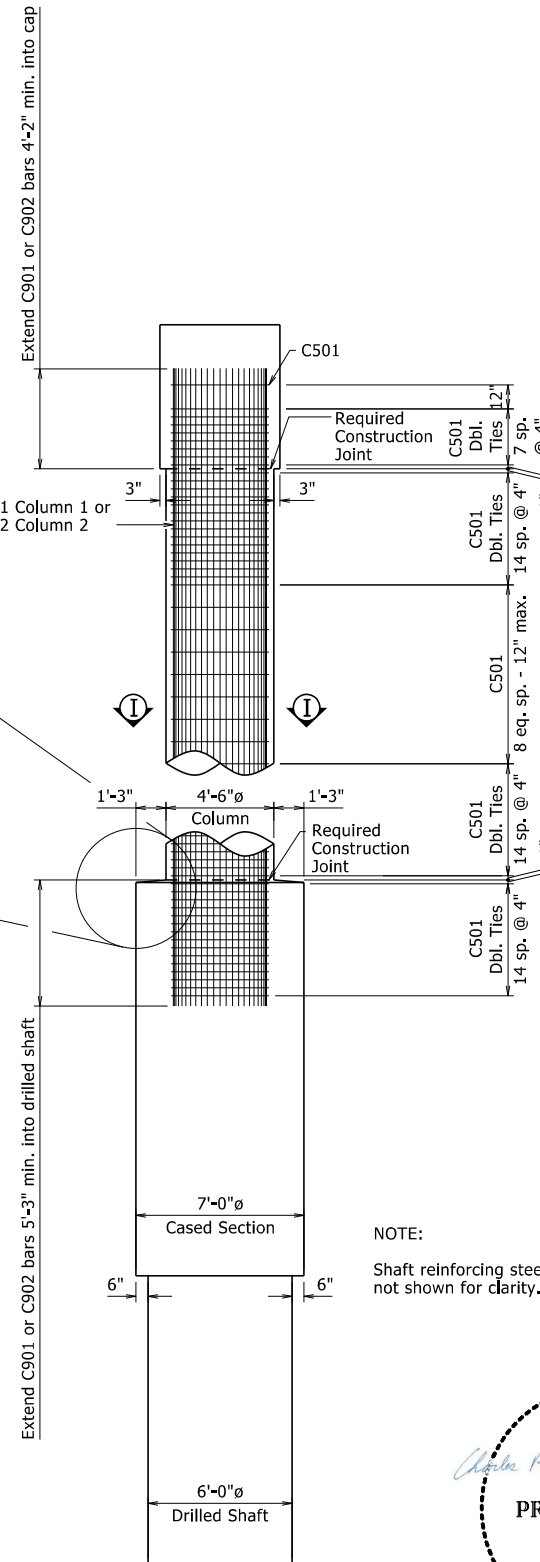


ELEVATION

LOOKING AHEAD

1/4" = 1'-0"

- ① Pedestals shall be cast level at the elevations shown in "ELEVATION". See Dwg. No. 66014 for "PEDESTAL PLAN" & "TYPICAL PEDESTAL DETAILS".
- ② Minimum penetration below permanent casing into Competent Rock designated as Dolostone.
- ③ Length of Permanent casing shown is for estimating quantities only. Actual lengths are to be determined in the field. See Special Provision Job No. 050423 "DRILLED SHAFT FOUNDATIONS", Permanent casing shall extend to material designated as Dolostone on the Boring Legend.



SECTION A-A

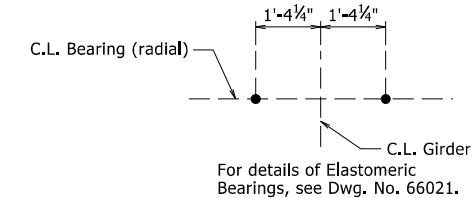
1/4" = 1'-0"

GENERAL NOTES

Concrete and Reinforcing Steel placed in the Drilled Shaft will not be paid directly but shall be considered subsidiary to the unit price bid for "Drilled Shaft (72" Dia.)". No additional payment shall be made for spacers, additional splices, or bracing needed for assembly, shipping, handling, or erecting. Drilled Shafts shall conform to Special Provision Job No. 050423 "Drilled Shaft Foundations" and shall be paid for at the unit price bid for "Drilled Shaft (72" Dia.)".

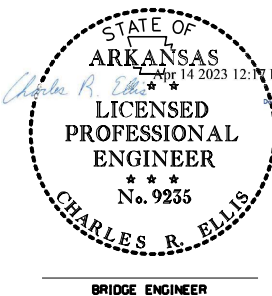
For additional "SUBSTRUCTURE NOTES," see Std. Dwg. No. 55006.

For additional information, see Layout.



TYPICAL ANCHOR BOLT LAYOUT

NO SCALE

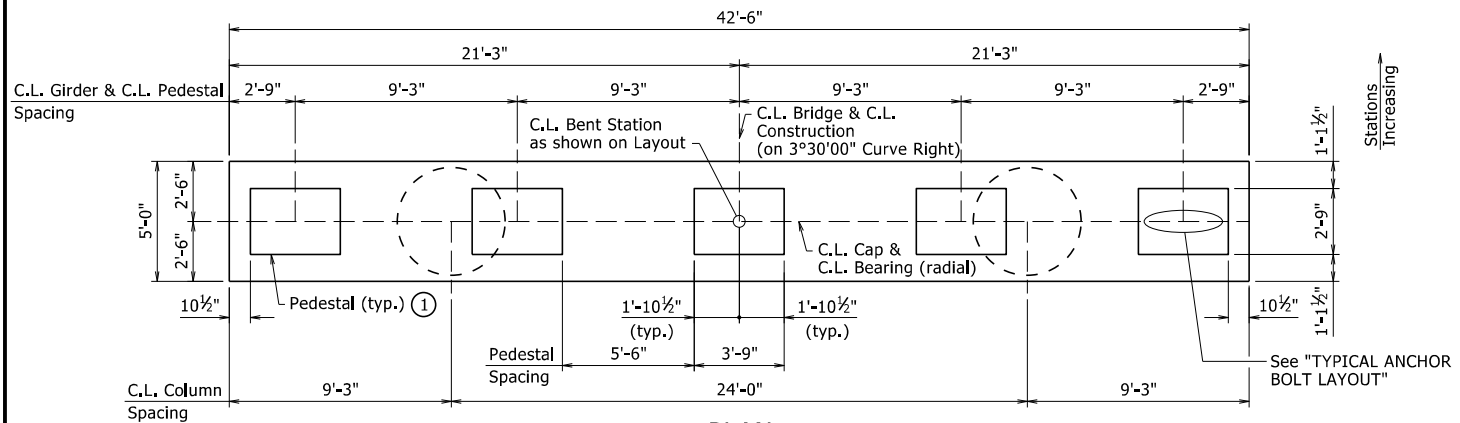


SHEET 1 OF 2
DETAILS OF BENT 2

ROUTE SEC.
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

DRAWN BY: CGP **DATE:** 11/03/2022 **FILENAME:** b050423_b2.dgn
CHECKED BY: DPT **DATE:** 12/08/2022 **SCALE:** AS NOTED
DESIGNED BY: DPT **DATE:** 10/2022
BRIDGE NO. 07604 **DRAWING NO.** 66013

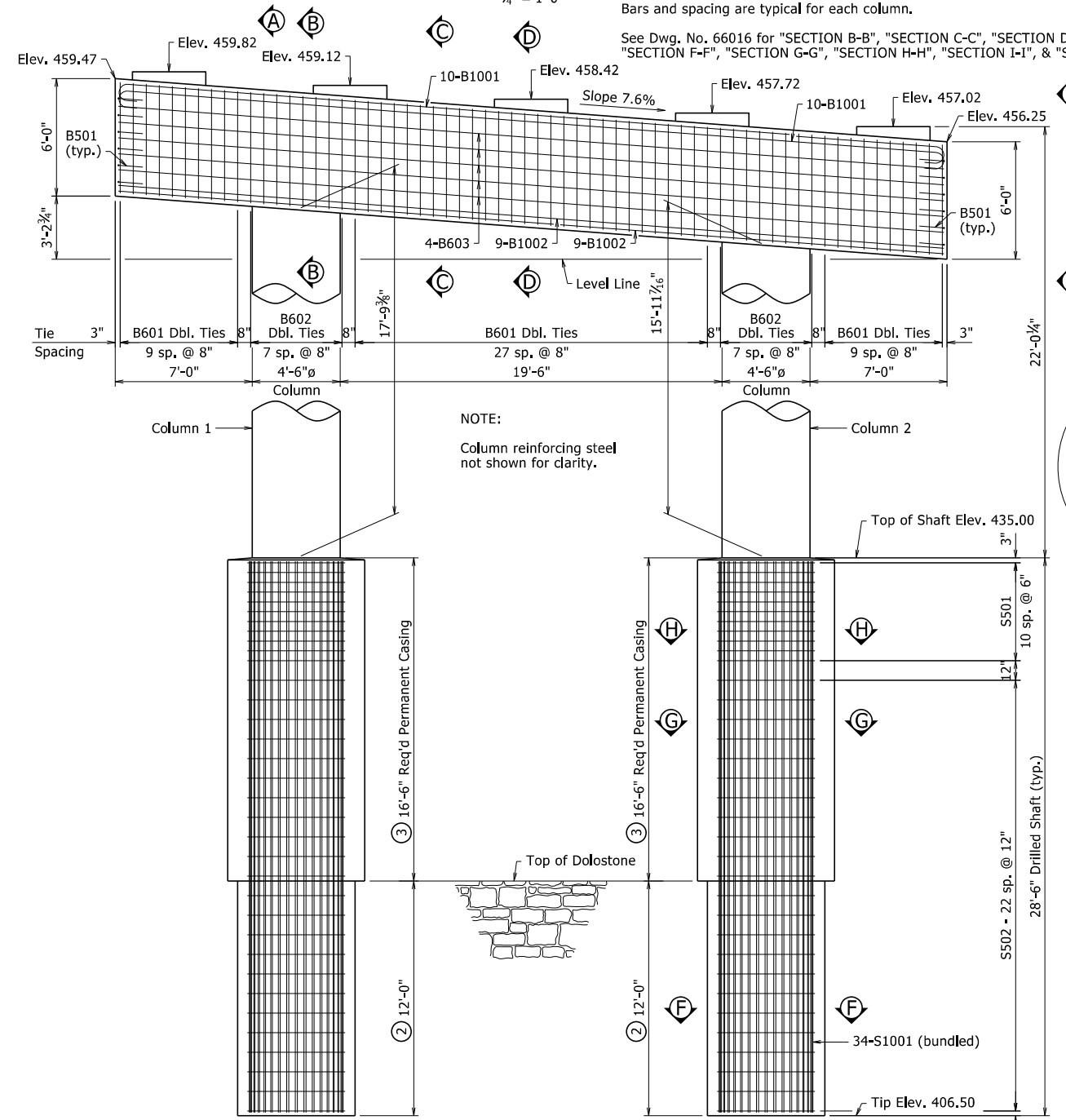
DATE REVISED	DATE REVISED	FIG. NO. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	050423	34	61
07604 - BENT 3 - 66015						



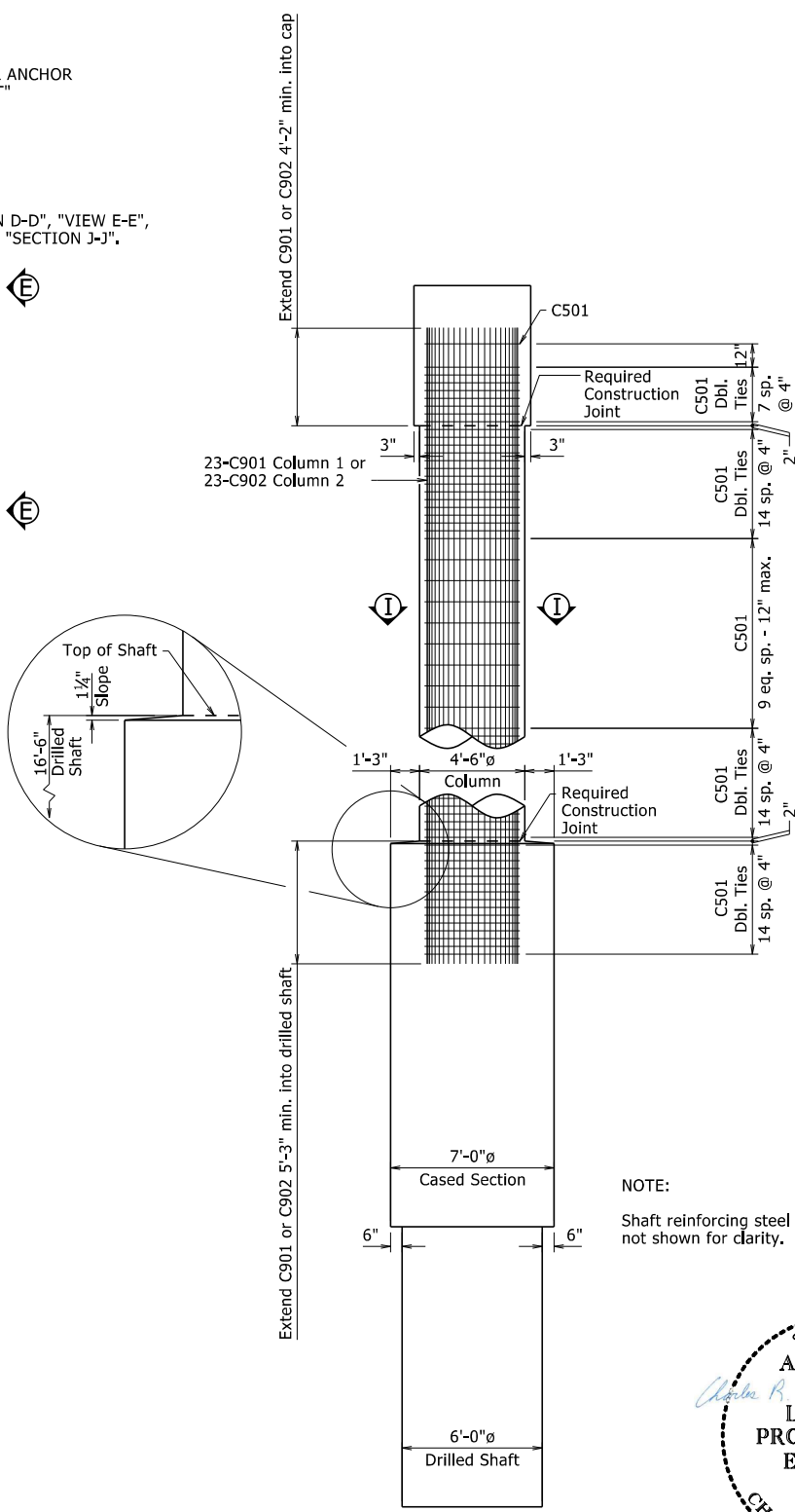
PLAN
 $\frac{1}{4}'' = 1'-0''$
 NOTES:
 Bars and spacing are typical for each column.
 See Dwg. No. 66016 for "SECTION B-B", "SECTION C-C", "SECTION D-D", "VIEW E-E", "SECTION F-F", "SECTION G-G", "SECTION H-H", "SECTION I-I", & "SECTION J-J".

- ① Pedestals shall be cast level at the elevations shown in "ELEVATION". See Dwg. No. 66016 for "PEDESTAL PLAN" & "TYPICAL PEDESTAL DETAILS".
- ② Minimum penetration below permanent casing into Competent Rock designated as Dolostone.
- ③ Length of Permanent casing shown is for estimating quantities only. Actual lengths are to be determined in the field. See Special Provision Job No. 050423 "DRILLED SHAFT FOUNDATIONS", Permanent casing shall extend to material designated as Dolostone on the Boring Legend.

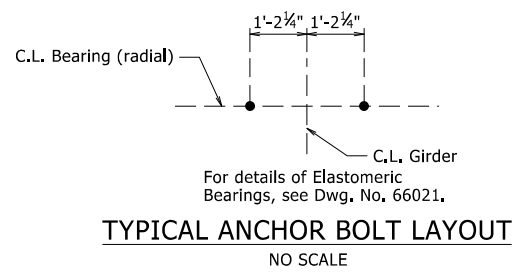
GENERAL NOTES
 Concrete and Reinforcing Steel placed in the Drilled Shaft will not be paid directly but shall be considered subsidiary to the unit price bid for "Drilled Shaft (72" Dia.)". No additional payment shall be made for spacers, additional splices, or bracing needed for assembly, shipping, handling, or erecting. Drilled Shafts shall conform to Special Provision Job No. 050423 "Drilled Shaft Foundations" and shall be paid for at the unit price bid for "Drilled Shaft (72" Dia.)".
 For additional "SUBSTRUCTURE NOTES," see Std. Dwg. No. 55006.
 For additional information, see Layout.



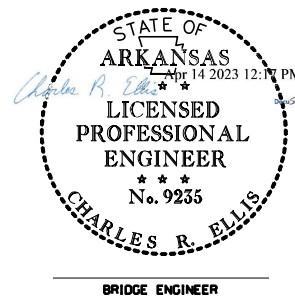
ELEVATION
 LOOKING AHEAD
 $\frac{1}{4}'' = 1'-0''$



SECTION A-A
 $\frac{1}{4}'' = 1'-0''$



TYPICAL ANCHOR BOLT LAYOUT
 NO SCALE



SHEET 1 OF 2
 DETAILS OF BENT 3

ROUTE SEC.
ARKANSAS STATE HIGHWAY COMMISSION
 LITTLE ROCK, ARK.

DRAWN BY: CGP DATE: 11/03/2022 FILENAME: b050423_b3.dgn
 CHECKED BY: DPT DATE: 12/08/2022 SCALE: AS NOTED
 DESIGNED BY: DPT DATE: 10/2022
 BRIDGE NO. 07604 DRAWING NO. 66015

PRINT DATE: 4/14/2023