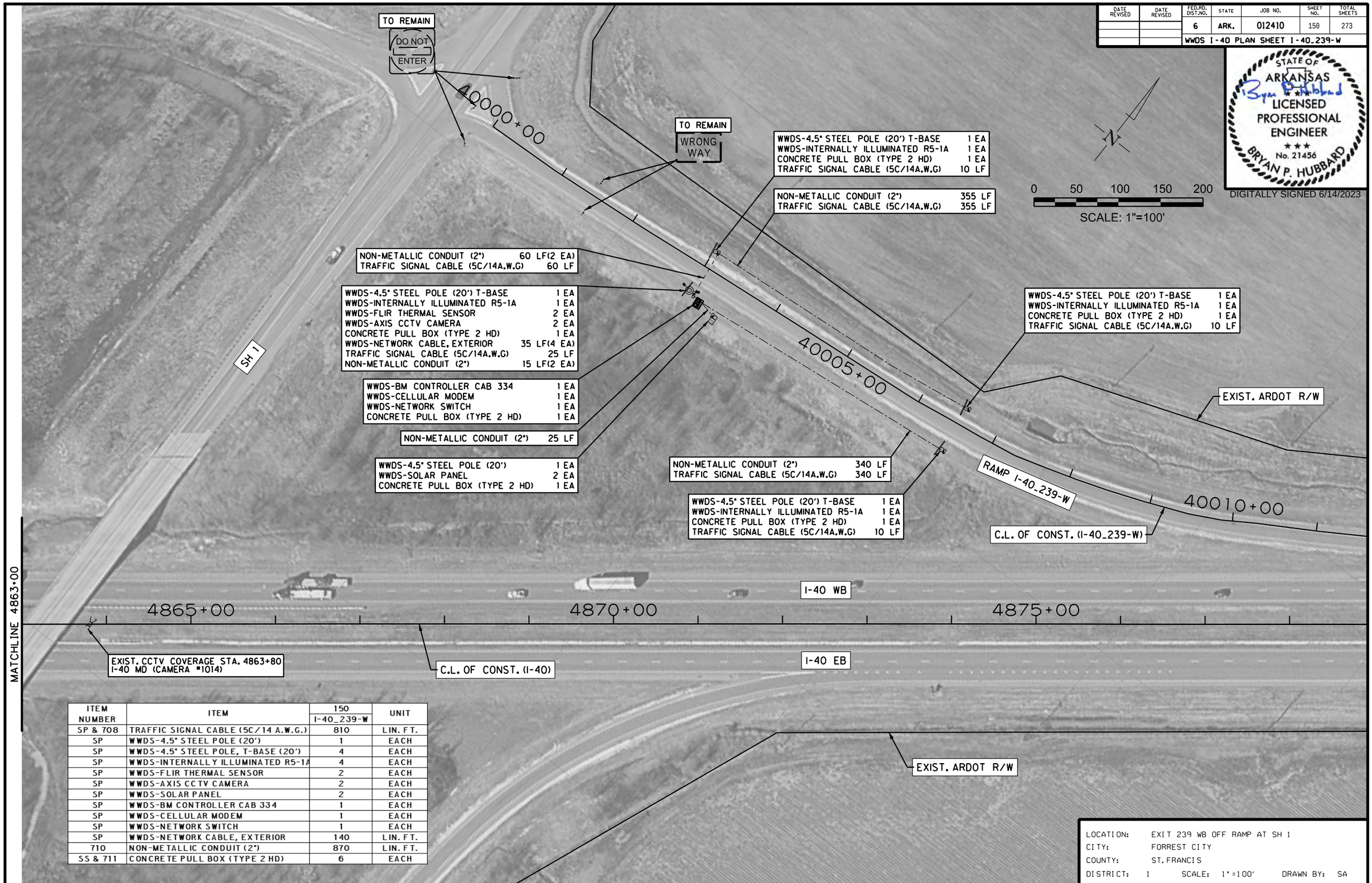
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	150	273
		WWDS I-40 PLAN SHEET I-40_239-W				

STATE OF ARKANSAS
Bryan P. Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023



ITEM NUMBER	ITEM	150 I-40_239-W	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	810	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	LIN. FT.
710	NON-METALLIC CONDUIT (2")	870	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

LOCATION: EXIT 239 WB OFF RAMP AT SH 1
CITY: FORREST CITY
COUNTY: ST. FRANCIS
DISTRICT: 1 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	151	273
		WWDS I-40 PLAN SHEET I-40_241A-E/241B-E				

STATE OF ARKANSAS
Bryan Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

I-40 WB

I-40 EB

4945+00

4950+00

4955+00

C.L. OF CONST. (I-40)

RAMP I-40_241A-E

RAMP I-40_241B-E

C.L. OF CONST. (I-40_241B-E)

42000+00

42005+00

41010+00

41005+00

C.L. OF CONST. (I-40_241A-E)

SH 1B

TO REMAIN
DO NOT ENTER

TO REMAIN
WRONG WAY

WRONG WAY
TO REMAIN

TO REMAIN
DO NOT ENTER

EXIST. ARDOT R/W

EXIST. ARDOT R/W

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF
NON-METALLIC CONDUIT (2")	305 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	305 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF
NON-METALLIC CONDUIT (2")	270 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	270 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF
NON-METALLIC CONDUIT (2")	60 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	60 LF

WWDS-BM CONTROLLER CAB 334	1 EA
WWDS-CELLULAR MODEM	1 EA
WWDS-NETWORK SWITCH	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
NON-METALLIC CONDUIT (2")	20 LF

WWDS-4.5" STEEL POLE (20')	1 EA
WWDS-SOLAR PANEL	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
NON-METALLIC CONDUIT (2")	35 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	35 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	35 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-FLIR THERMAL SENSOR	2 EA
WWDS-AXIS CCTV CAMERA	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
WWDS-NETWORK CABLE, EXTERIOR	20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	280 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	280 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	65 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	65 LF

NON-METALLIC CONDUIT (2")	365 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	365 LF

WWDS-4.5" STEEL POLE (20')	1 EA
WWDS-SOLAR PANEL	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
NON-METALLIC CONDUIT (2")	20 LF

WWDS-BM CONTROLLER CAB 334	1 EA
WWDS-CELLULAR MODEM	1 EA
WWDS-NETWORK SWITCH	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-FLIR THERMAL SENSOR	2 EA
WWDS-AXIS CCTV CAMERA	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
WWDS-NETWORK CABLE, EXTERIOR	20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	45 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	45 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	45 LF

ITEM NUMBER	ITEM	151		UNIT
		I-40_241A-E	I-40_241B-E	
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	710	795	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	2	EACH
SP	WWDS-SOLAR PANEL	2	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	1	EACH
SP	WWDS-CELLULAR MODEM	1	1	EACH
SP	WWDS-NETWORK SWITCH	1	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	220	260	LIN. FT.
710	NON-METALLIC CONDUIT (2")	785	885	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	6	EACH

THESE SITES HAVE EXISTING CCTV COVERAGE AT STA. 4951+63 I-40 WB (CAMERA #1005)

N

0 50 100 150 200

SCALE: 1"=100'

LOCATION: EXIT 241A / 241B EB OFF RAMP AT SH 1B
CITY: FORREST CITY
COUNTY: ST. FRANCIS
DISTRICT: 1 SCALE: 1"=100' DRAWN BY: SA

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ITEM NUMBER	ITEM	152		UNIT
		I-40_241A-W	I-40_241B-W	
202	REMOVAL AND DISPOSAL OF SIGNS	2	0	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	810	785	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	2	EACH
SP	WWDS-SOLAR PANEL	2	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	1	EACH
SP	WWDS-CELLULAR MODEM	1	1	EACH
SP	WWDS-NETWORK SWITCH	1	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	220	620	LIN. FT.
710	NON-METALLIC CONDUIT (2")	880	900	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	6	EACH

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	152	273
		WWDS I-40 PLAN SHEET I-40_241A-W/241B-W				

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 20 LF

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 35 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 35 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 35 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 390 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 390 LF

NON-METALLIC CONDUIT (2") 55 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 55 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 290 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 290 LF

EXIST. ARDOT R/W

SH 1B

44000+00

EXIST. ARDOT R/W

C.L. OF CONST. (I-40_241B-W)

DO NOT ENTER
TO REMAIN

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 305 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 305 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

WRONG WAY
TO REMAIN

44005+00

RAMP I-40_241B-W

NON-METALLIC CONDUIT (2") 60 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 60 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 60 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 75 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 75 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 75 LF

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 20 LF

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 305 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 305 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

R&D SIGN R5-1A 2 EA

WRONG WAY

43005+00

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

TO REMAIN
DO NOT ENTER

43000+00

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

RAMP I-40_241A-W

EXIST. CCTV COVERAGE STA. 4951+63
I-40 WB (CAMERA #1005)

C.L. OF CONST. (I-40_241A-W)

44010+00

4950+00

4955+00

4960+

C.L. OF CONST. (I-40)

I-40 WB

I-40 EB

0 50 100 150 200
SCALE: 1"=100'

LOCATION: EXIT 241A / 241B WB OFF RAMP TO SH 1B
CITY: FORREST CITY
COUNTY: ST. FRANCIS
DISTRICT: 1 SCALE: 1"=100' DRAWN BY: SA

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ITEM NUMBER	ITEM	153 I-40_242-E	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	750	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	220	LIN. FT.
710	NON-METALLIC CONDUIT (2")	840	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	153	273
		WWDS I-40 PLAN SHEET I-40_242-E				

STATE OF ARKANSAS
Bryan Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

N

0 50 100 150 200
SCALE: 1"=100'

EXIST. ARDOT R/W

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

I-40 WB

5000+00
4995+00
5005+00

NON-METALLIC CONDUIT (2") 30 LF

NON-METALLIC CONDUIT (2") 305 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 305 LF

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

I-40 EB

C.L. OF CONST. (I-40)

C.L. OF CONST. (I-40_242-E)

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

RAMP I-40_242-E

5015+00
45010+00
45005+00
45000+00

TO REMAIN
DO NOT ENTER

WRONG WAY
TO REMAIN

EXIST. ARDOT R/W

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 305 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 305 LF

NON-METALLIC CONDUIT (2") 35 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 35 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 35 LF

NON-METALLIC CONDUIT (2") 65 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 65 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

THIS SITE HAS EXISTING CCTV COVERAGE AT STA. 5007+31 I-40 MD (CAMERA #1011)

MATCHLINE 5006+50

LOCATION:	EXIT 242 EB OFF RAMP AT SH 284
CITY:	FORREST CITY
COUNTY:	ST. FRANCIS
DISTRICT: 1	SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	154	273
		WWDS I-40 PLAN SHEET I-40_242-W				

STATE OF ARKANSAS
Bryan P Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

N

0 50 100 150 200
SCALE: 1"=100'

MATCHLINE 5006+50

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-FLIR THERMAL SENSOR	2 EA
WWDS-AXIS CCTV CAMERA	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
WWDS-NETWORK CABLE, EXTERIOR	20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

TO REMAIN
DO NOT ENTER

46000+00

WWDS-BM CONTROLLER CAB 334	1 EA
WWDS-CELLULAR MODEM	1 EA
WWDS-NETWORK SWITCH	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

NON-METALLIC CONDUIT (2")	25 LF

WWDS-4.5" STEEL POLE (20')	1 EA
WWDS-SOLAR PANEL	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

NON-METALLIC CONDUIT (2")	35 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	35 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	35 LF

EXIST. ARDOT R/W

WRONG WAY
TO REMAIN

NON-METALLIC CONDUIT (2")	60 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	60 LF

46005+00

RAMP I-40_242-W

46010+00

C.L. OF CONST. (I-40_242-W)

I-40 WB

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

5010+00

5015+00

5020+00

NON-METALLIC CONDUIT (2")	250 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	250 LF

EXIST. CCTV COVERAGE STA. 5007+31
I-40 MD (CAMERA #1011)

C.L. OF CONST. (I-40)

I-40 EB

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	255 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	255 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

EXIST. ARDOT R/W

ITEM NUMBER	ITEM	154 I-40_242-W	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	640	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	220	LIN. FT.
710	NON-METALLIC CONDUIT (2")	720	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

LOCATION: EXIT 242 WB OFF RAMP AT SH 284
CITY: FORREST CITY
COUNTY: ST. FRANCIS
DISTRICT: 1 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	155	273
		WWDS I-40 PLAN SHEET I-40_243-RA-W				

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

ITEM NUMBER	ITEM	155 I-40_243-RA-W	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	635	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	540	LIN. FT.
710	NON-METALLIC CONDUIT (2")	1005	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

REST AREA

TO REMAIN
DO NOT ENTER

47000+00

EXIST. ARDOT R/W

C.L. OF CONST. (I-40_243-RA-W)

N

0 50 100 150 200
SCALE: 1"=100'

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 205 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 205 LF

NON-METALLIC CONDUIT (2") 70 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 70 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

I-40 WB

5045+00

C.L. OF CONST. (I-40)

I-40 EB

5050+00

47005+00

RAMP I-40_243-RA-W

47010+00

5055+00

NON-METALLIC CONDUIT (2") 20 LF

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

EXIST. ARDOT R/W

NON-METALLIC CONDUIT (2") 115 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 115 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 115 LF

NON-METALLIC CONDUIT (2") 205 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 205 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

THIS SITE HAS PROPOSED CCTV COVERAGE
AT STA. 5123+75 I-40 EB

LOCATION: WB REST AREA
CITY: FORREST CITY
COUNTY: ST. FRANCIS
DISTRICT: 1 SCALE: 1"=100' DRAWN BY: SA

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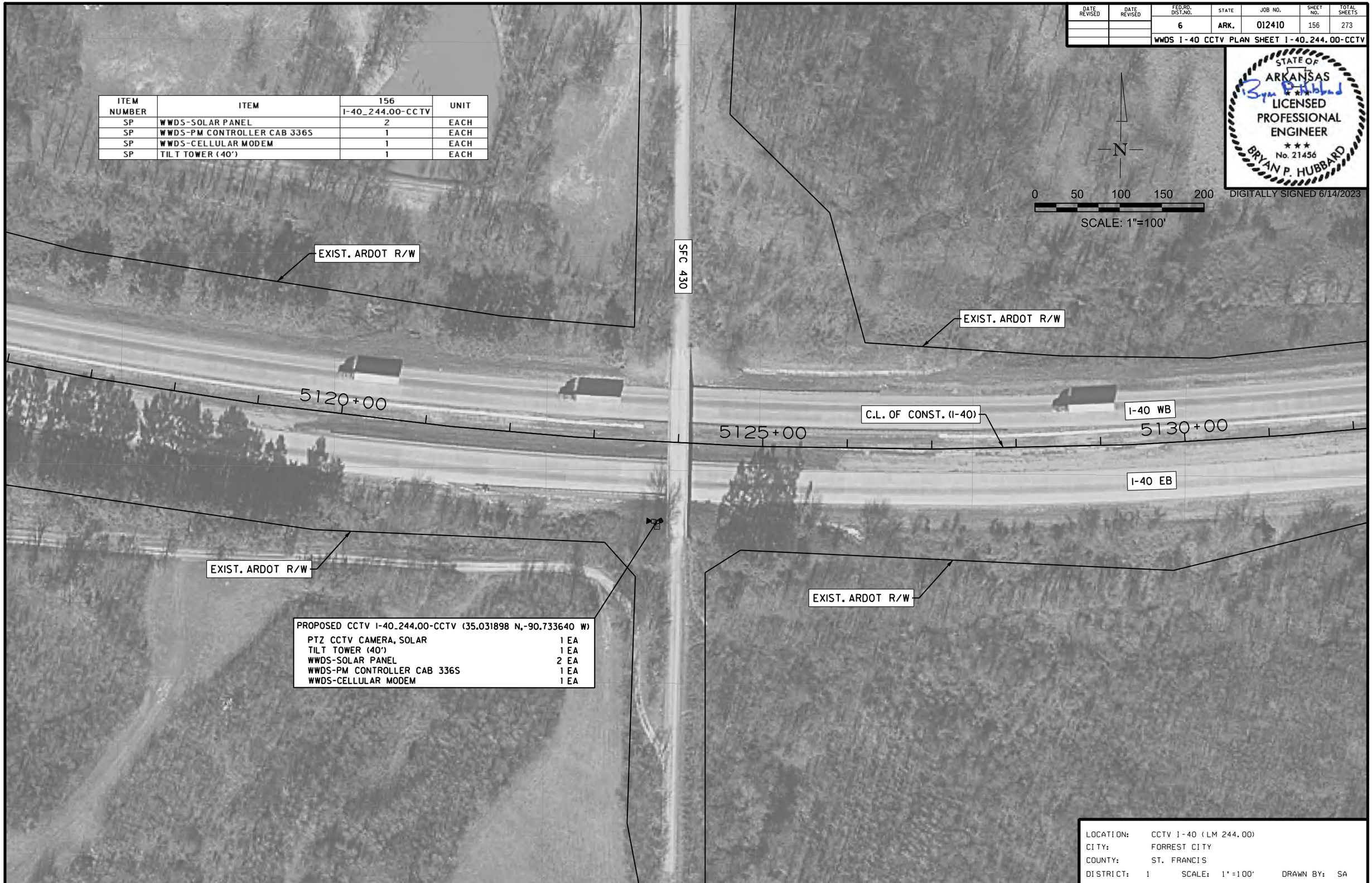
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	156	273

WWDS I-40 CCTV PLAN SHEET I-40_244.00-CCTV

STATE OF ARKANSAS
Bryan P. Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023

ITEM NUMBER	ITEM	156 I-40_244.00-CCTV	UNIT
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-PM CONTROLLER CAB 336S	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	TILT TOWER (40')	1	EACH



PROPOSED CCTV I-40_244.00-CCTV (35.031898 N,-90.733640 W)

PTZ CCTV CAMERA, SOLAR	1 EA
TILT TOWER (40')	1 EA
WWDS-SOLAR PANEL	2 EA
WWDS-PM CONTROLLER CAB 336S	1 EA
WWDS-CELLULAR MODEM	1 EA

LOCATION: CCTV I-40 (LM 244.00)
CITY: FORREST CITY
COUNTY: ST. FRANCIS
DISTRICT: 1 SCALE: 1"=100' DRAWN BY: SA

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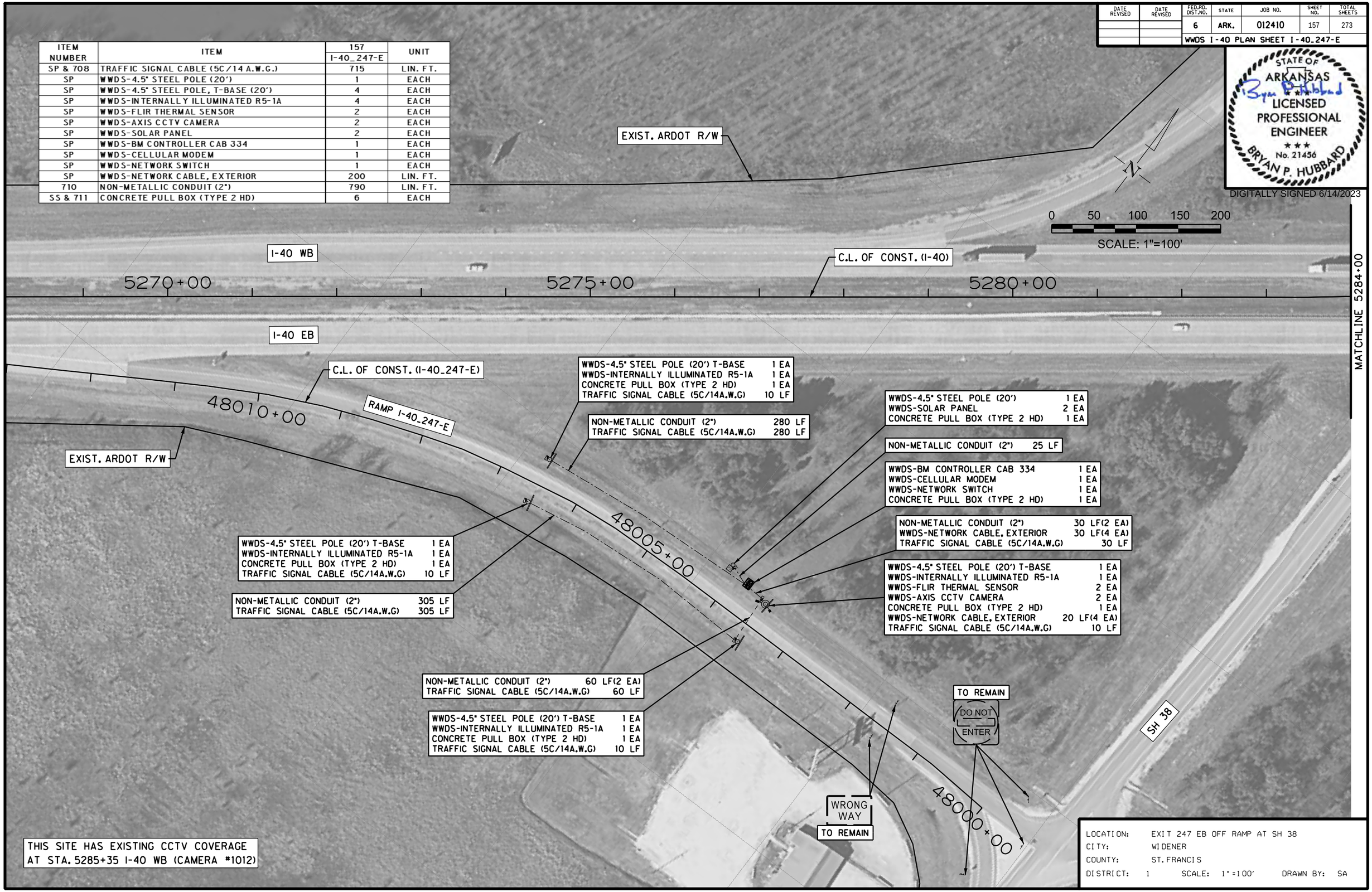
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	157	273
		WWDS I-40 PLAN SHEET I-40_247-E				

STATE OF ARKANSAS
Bryan P. Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023

ITEM NUMBER	ITEM	157 I-40_247-E	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	715	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	200	LIN. FT.
710	NON-METALLIC CONDUIT (2")	790	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH



THIS SITE HAS EXISTING CCTV COVERAGE AT STA. 5285+35 I-40 WB (CAMERA #1012)

LOCATION: EXIT 247 EB OFF RAMP AT SH 38
CITY: WIDENER
COUNTY: ST. FRANCIS
DISTRICT: 1 SCALE: 1"=100' DRAWN BY: SA

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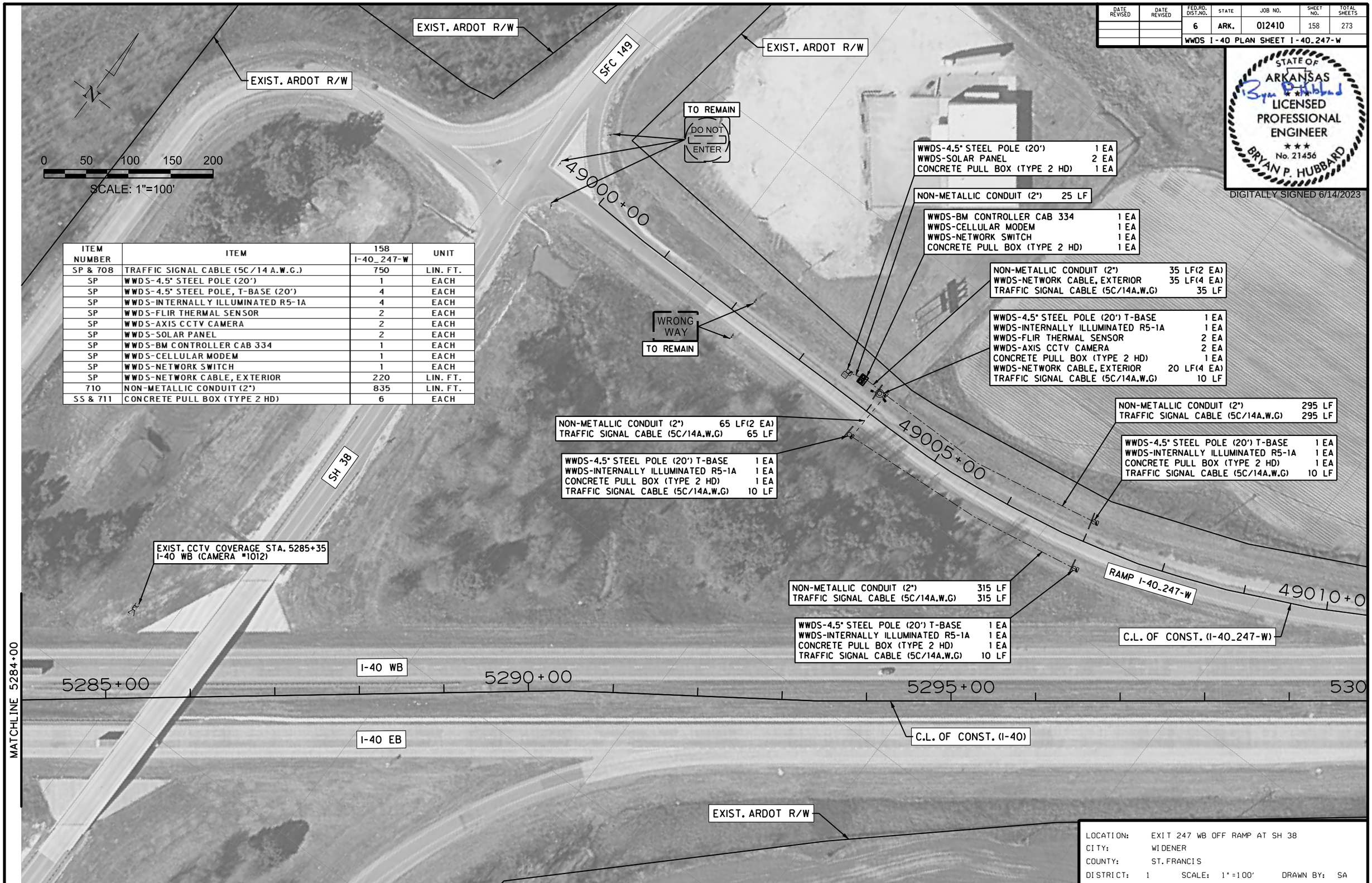
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	158	273

WWDS I-40 PLAN SHEET I-40_247-W

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023



ITEM NUMBER	ITEM	158 I-40_247-W	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	750	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	220	LIN. FT.
710	NON-METALLIC CONDUIT (2")	835	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

LOCATION: EXIT 247 WB OFF RAMP AT SH 38
CITY: WIDENER
COUNTY: ST. FRANCIS
DISTRICT: 1 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	159	273
		WWDS I-40 PLAN SHEET I-40_256-E				

ITEM NUMBER	ITEM	159 I-40_256-E	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	745	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	220	LIN. FT.
710	NON-METALLIC CONDUIT (2")	825	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

0 50 100 150 200

SCALE: 1"=100'

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023

EXIST. ARDOT R/W

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 25 LF

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 35 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 35 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 35 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

C.L. OF CONST. (I-40)

I-40 WB

5755+00

5760+00

5765+00

5770+00

MATCHLINE 5770+00

NON-METALLIC CONDUIT (2") 305 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 305 LF

I-40 EB

C.L. OF CONST. (I-40_256-E)

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

EXIST. CCTV COVERAGE STA. 5769+95
I-40 MD (CAMERA #1009)

15+00

RAMP I-40_256-E

50010+00

50005+00

50000+00

TO REMAIN

DO NOT ENTER

WRONG WAY

TO REMAIN

EXIST. ARDOT R/W

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 305 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 305 LF

NON-METALLIC CONDUIT (2") 60 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 60 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

SH 75

SH 75

EXIST. ARDOT R/W

EXIST. ARDOT R/W

LOCATION:	EXIT 256 EB OFF RAMP AT SH 75				
CITY:	WEST MEMPHIS				
COUNTY:	ST. FRANCIS				
DISTRICT:	1	SCALE:	1"=100'	DRAWN BY:	SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	160	273
		WWDS I-40 PLAN SHEET I-40_256-W				

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

EXIST. ARDOT R/W

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-FLIR THERMAL SENSOR	2 EA
WWDS-AXIS CCTV CAMERA	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
WWDS-NETWORK CABLE, EXTERIOR	20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	30 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	30 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	30 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	60 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	60 LF

NON-METALLIC CONDUIT (2")	305 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	305 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

51000+00
51005+00
51010+00
5770+00
5775+00
5780+00
5785+00

DO NOT ENTER
TO REMAIN
WRONG WAY
TO REMAIN
SH 75
RAMP I-40_256-W
EXIST. ARDOT R/W
C.L. OF CONST. (I-40_256-W)
I-40 WB
I-40 EB
C.L. OF CONST. (I-40)
MATCHLINE 5770+00

WWDS-BM CONTROLLER CAB 334	1 EA
WWDS-CELLULAR MODEM	1 EA
WWDS-NETWORK SWITCH	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

NON-METALLIC CONDUIT (2")	25 LF

WWDS-4.5" STEEL POLE (20')	1 EA
WWDS-SOLAR PANEL	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	305 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	305 LF

EXIST. ARDOT R/W
EXIST. ARDOT R/W

THIS SITE HAS EXISTING CCTV COVERAGE AT STA. 5769+95 I-40 MD (CAMERA #1009)

ITEM NUMBER	ITEM	160 I-40_256-W	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	740	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	200	LIN. FT.
710	NON-METALLIC CONDUIT (2")	815	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

0 50 100 150 200
SCALE: 1"=100'

LOCATION: EXIT 256 WB OFF RAMP AT SH 75
CITY: WEST MEMPHIS
COUNTY: ST. FRANCIS
DISTRICT: 1 SCALE: 1"=100' DRAWN BY: SA

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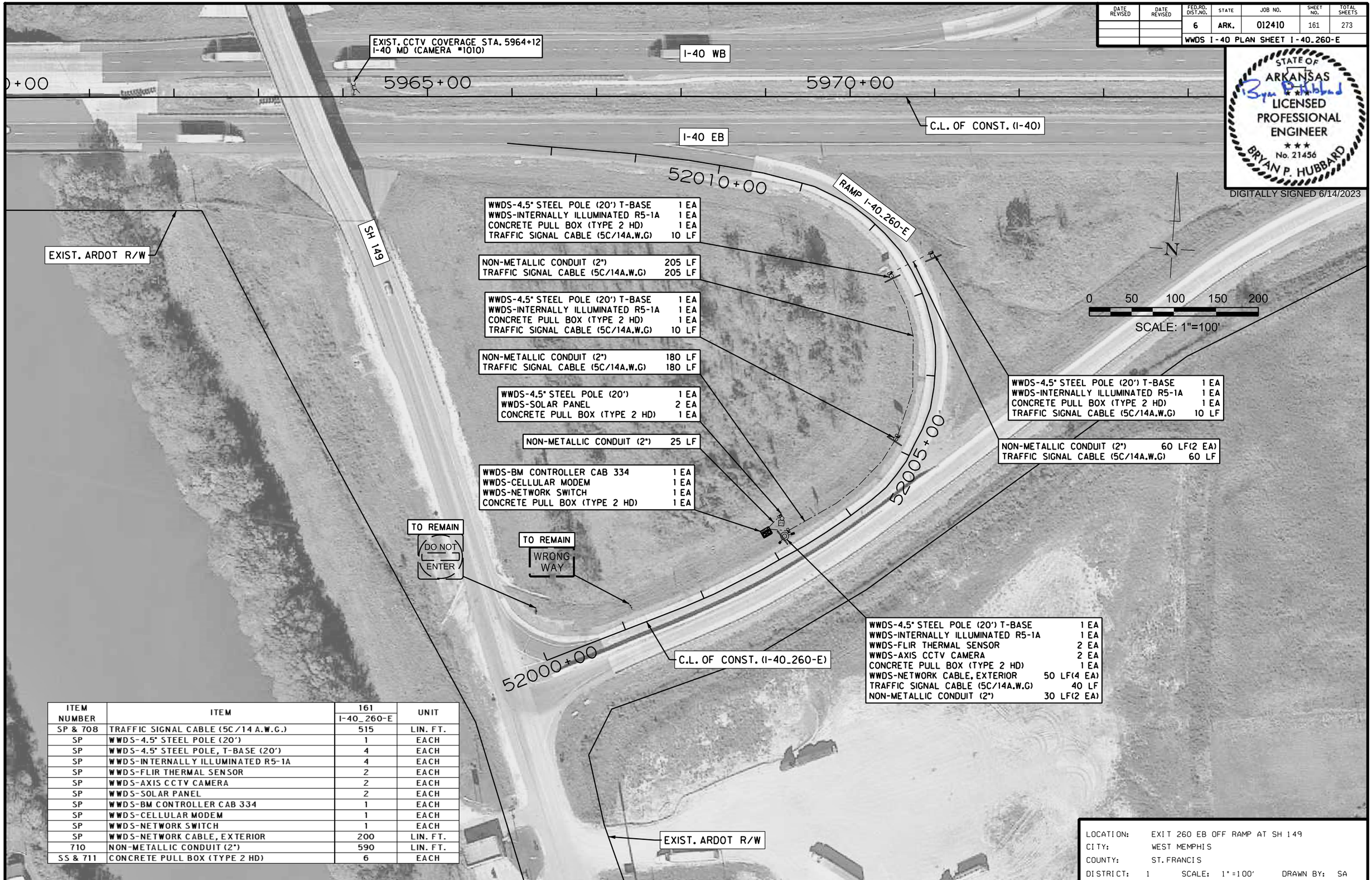
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	161	273
		WWDS I-40 PLAN SHEET I-40_260-E				

STATE OF ARKANSAS
Bryan P. Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023



ITEM NUMBER	ITEM	161 I-40_260-E	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	515	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	200	LIN. FT.
710	NON-METALLIC CONDUIT (2")	590	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

LOCATION: EXIT 260 EB OFF RAMP AT SH 149
CITY: WEST MEMPHIS
COUNTY: ST. FRANCIS
DISTRICT: 1 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	162	273
		WWDS I-40 PLAN SHEET I-40_260-W				

ITEM NUMBER	ITEM	162 I-40_260-W	UNIT
202	REMOVAL AND DISPOSAL OF SIGNS	2	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	745	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	480	LIN. FT.
710	NON-METALLIC CONDUIT (2")	820	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

N

0 50 100 150 200
SCALE: 1"=100'

EXIST. ARDOT R/W

53010+00

RAMP I-40_260-W

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-FLIR THERMAL SENSOR	2 EA
WWDS-AXIS CCTV CAMERA	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
WWDS-NETWORK CABLE, EXTERIOR	20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

WRONG WAY
R&D SIGN R5-1A 1 EA

NON-METALLIC CONDUIT (2")	300 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	300 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	50 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	50 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	50 LF

WWDS-BM CONTROLLER CAB 334	1 EA
WWDS-CELLULAR MODEM	1 EA
WWDS-NETWORK SWITCH	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

NON-METALLIC CONDUIT (2") 15 LF

53015+00

WWDS-4.5" STEEL POLE (20')	1 EA
WWDS-SOLAR PANEL	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

NON-METALLIC CONDUIT (2")	50 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	50 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	50 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

WRONG WAY
R&D SIGN R5-1A 1 EA

THIS SITE HAS EXISTING CCTV COVERAGE AT STA. 5964+12 I-40 MD (CAMERA #1010)

53020+00

C.L. OF CONST. (I-40_260-W)

NON-METALLIC CONDUIT (2")	305 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	305 LF

I-40 WB

5970+00 5975+00 5980+00

C.L. OF CONST. (I-40)

I-40 EB

LOCATION: EXIT 260 WB OFF RAMP AT SH 149
CITY: WEST MEMPHIS
COUNTY: ST. FRANCIS
DISTRICT: 1 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	163	273

WWDS I-40 PLAN SHEET I-40_265-E

STATE OF ARKANSAS
Bryan P Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

N

0 50 100 150 200
SCALE: 1"=100'

EXIST. ARDOT R/W

SFC 536

I-40 WB

I-40 EB

C.L. OF CONST. (I-40)

6225+00

6230+00

6235+00

MATCHLINE 6237+00

RAMP I-40_265-E

54010+00

C.L. OF CONST. (I-40_265-E)

54005+00

54000+00

US 79/SH 218

EXIST. ARDOT R/W

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 285 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 285 LF

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 30 LF

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 55 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 55 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 55 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 260 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 260 LF

NON-METALLIC CONDUIT (2") 60 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 60 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

DO NOT ENTER
STANDARD SIGN R5-1 9 SF

WRONG WAY
TO REMAIN

DO NOT ENTER
TO REMAIN

ITEM NUMBER	ITEM	163 I-40_265-E	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	700	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	300	LIN. FT.
710	NON-METALLIC CONDUIT (2")	805	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH
SS & 726	STANDARD SIGN	9	SQ. FT.

THIS SITE HAS EXISTING CCTV COVERAGE AT STA. 6237+68 1-40 WB (CAMERA #1015)

LOCATION: EXIT 265 EB OFF RAMP AT US 79 & SH 218
CITY: WEST MEMPHIS
COUNTY: CRITTENDEN
DISTRICT: 1 SCALE: 1"=100' DRAWN BY: SA

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	164	273
		WWDS I-40 PLAN SHEET I-40_265-W				

STATE OF ARKANSAS
Bryan P. Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

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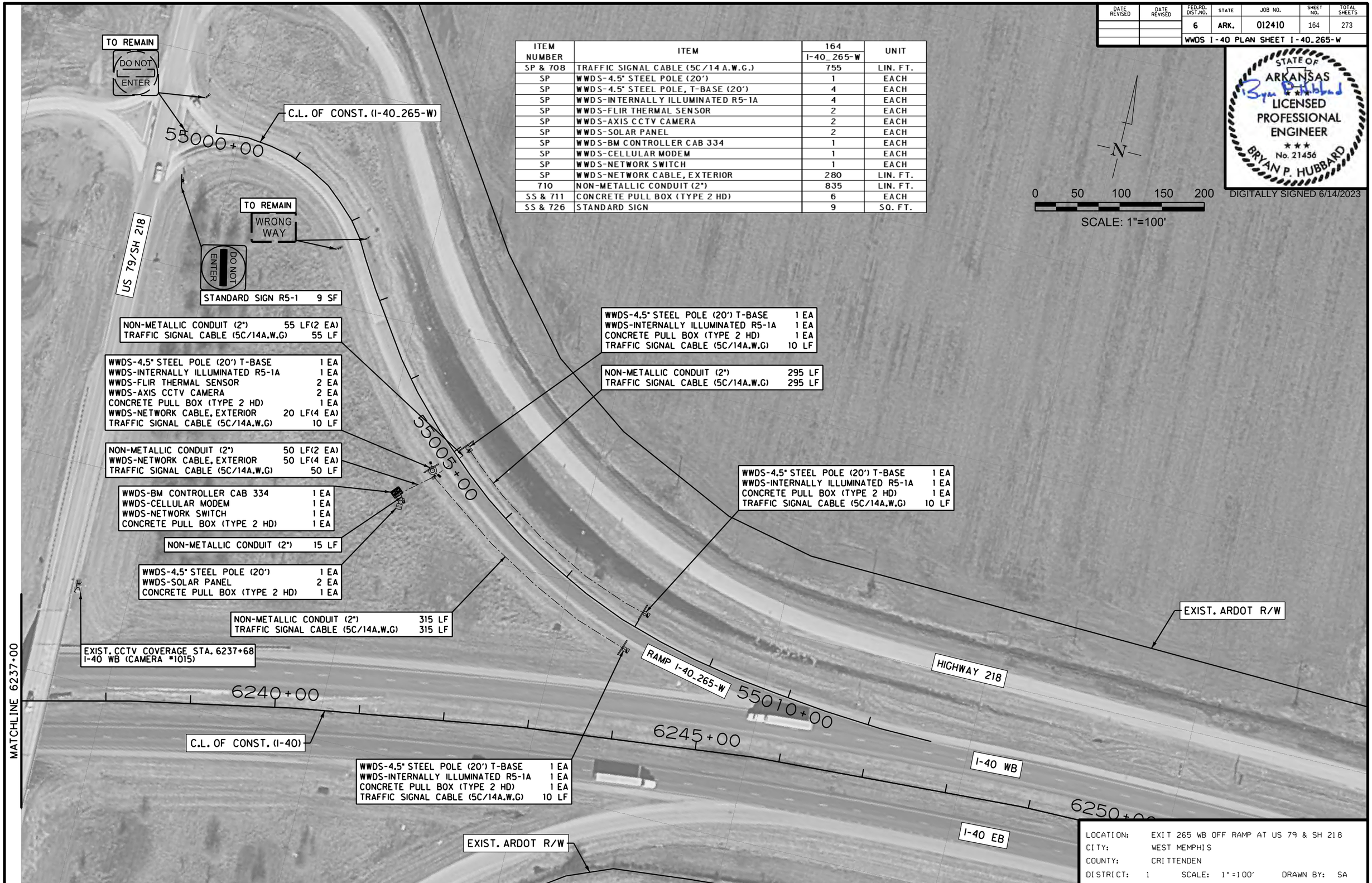
ITEM NUMBER	ITEM	164 I-40_265-W	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	755	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	280	LIN. FT.
710	NON-METALLIC CONDUIT (2")	835	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH
SS & 726	STANDARD SIGN	9	SQ. FT.



LOCATION: EXIT 265 WB OFF RAMP AT US 79 & SH 218
CITY: WEST MEMPHIS
COUNTY: CRITTENDEN
DISTRICT: 1 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	165	273

WWDS I-40 PLAN SHEET I-40_271-E

STATE OF ARKANSAS
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BRYAN P. HUBBARD

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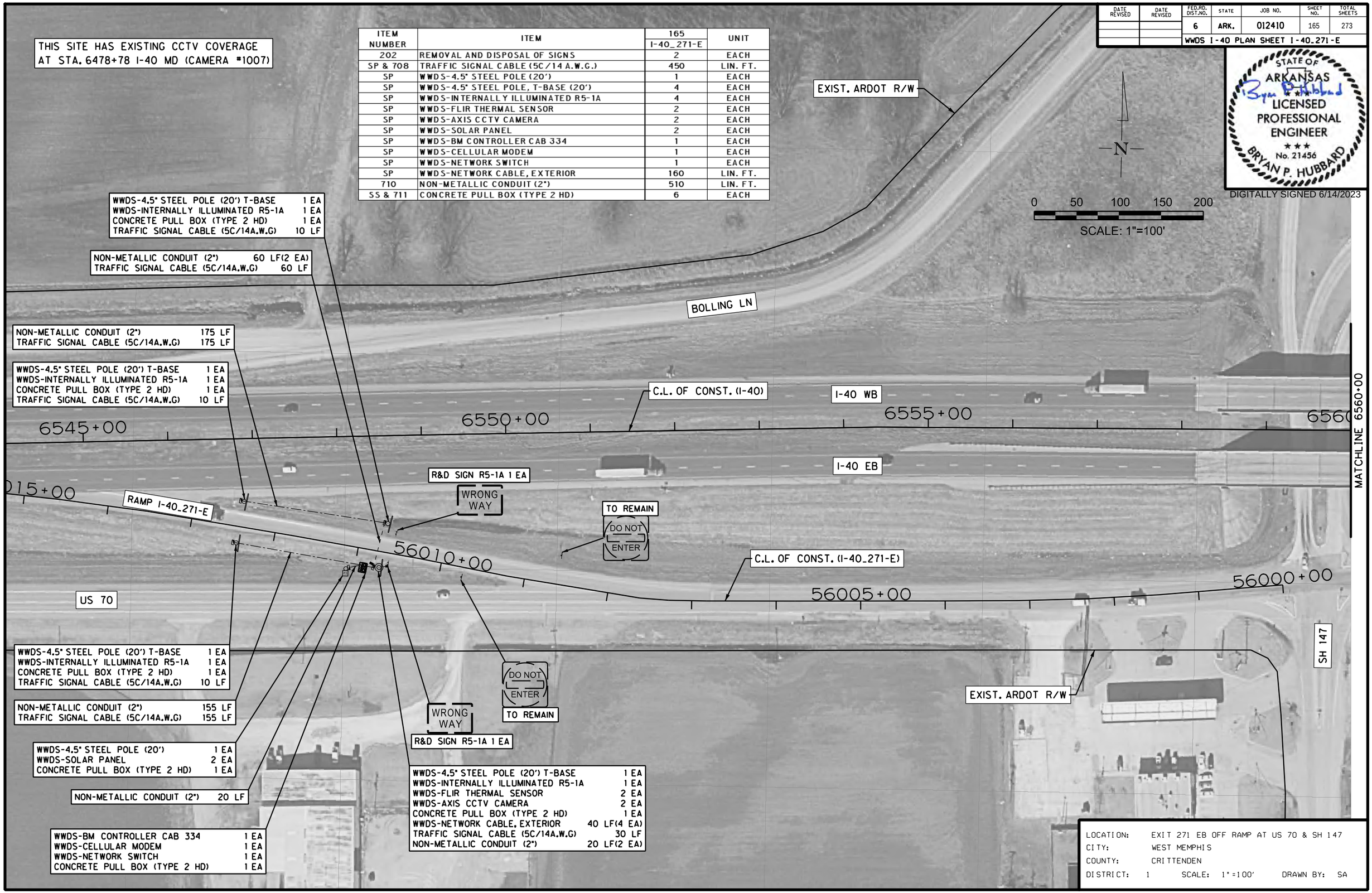
THIS SITE HAS EXISTING CCTV COVERAGE AT STA. 6478+78 I-40 MD (CAMERA #1007)

ITEM NUMBER	ITEM	165 I-40_271-E	UNIT
202	REMOVAL AND DISPOSAL OF SIGNS	2	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	450	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	160	LIN. FT.
710	NON-METALLIC CONDUIT (2")	510	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH



LOCATION: EXIT 271 EB OFF RAMP AT US 70 & SH 147
CITY: WEST MEMPHIS
COUNTY: CRITTENDEN
DISTRICT: 1 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	166	273
		WWDS I-40 PLAN SHEET I-40_271-W				

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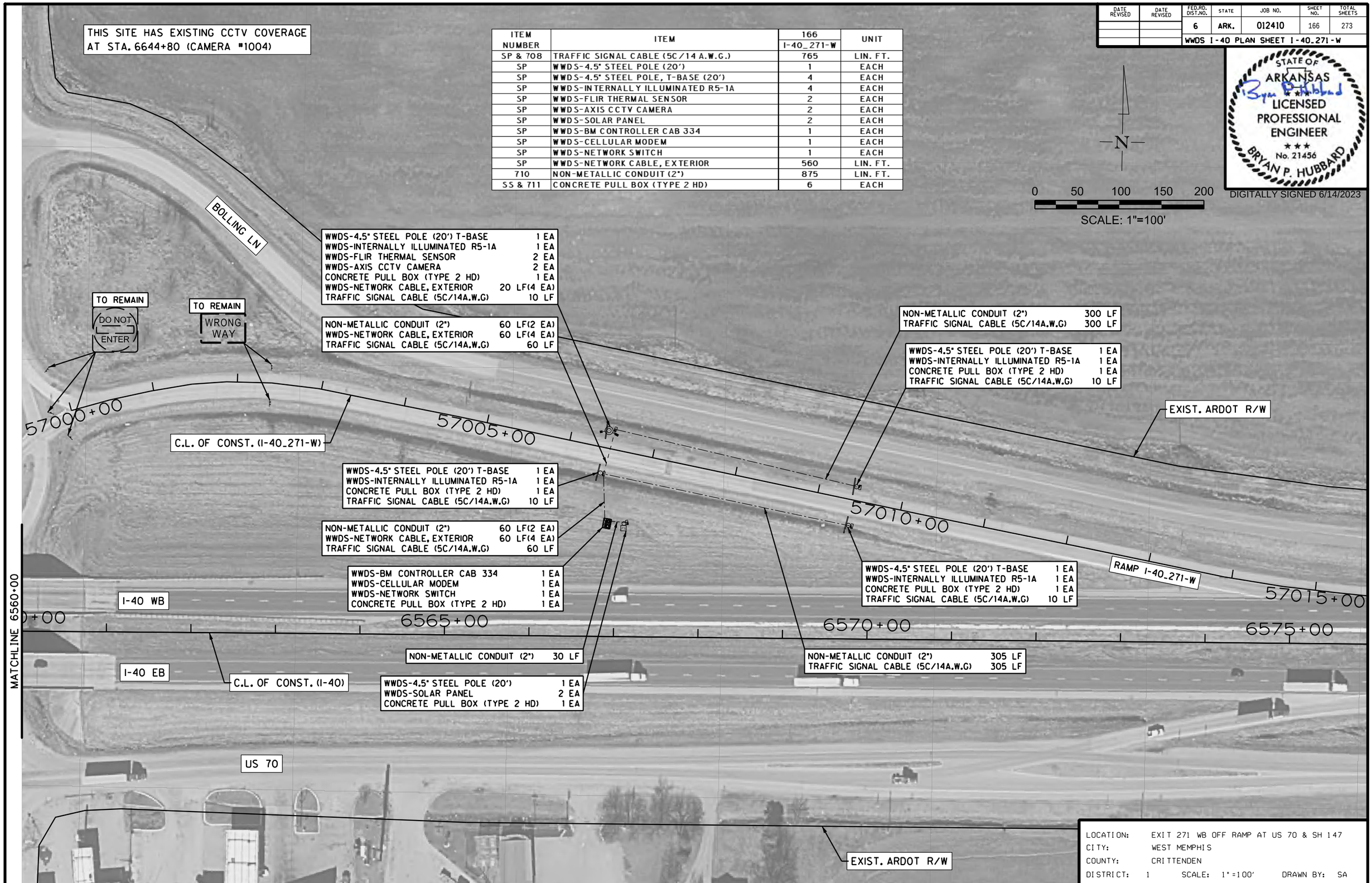
ITEM NUMBER	ITEM	166 I-40_271-W	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	765	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	560	LIN. FT.
710	NON-METALLIC CONDUIT (2")	875	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH



LOCATION: EXIT 271 WB OFF RAMP AT US 70 & SH 147
CITY: WEST MEMPHIS
COUNTY: CRITTENDEN
DISTRICT: 1 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	167	273
		WWDS I-40 PLAN SHEET I-40_275-TP-W				

ITEM NUMBER	ITEM	167 I-40_275-TP-W	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	480	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	3	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	3	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	280	LIN. FT.
710	NON-METALLIC CONDUIT (2")	520	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	5	EACH

STATE OF ARKANSAS
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0 50 100 150 200
SCALE: 1"=100'

TRUCK PARKING/STOP

EXIST. ARDOT R/W

NON-METALLIC CONDUIT (2")	50 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	50 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	50 LF

WWDS-BM CONTROLLER CAB 334	1 EA
WWDS-CELLULAR MODEM	1 EA
WWDS-NETWORK SWITCH	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

NON-METALLIC CONDUIT (2")	20 LF

WWDS-4.5" STEEL POLE (20')	1 EA
WWDS-SOLAR PANEL	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

58000+00

C.L. OF CONST. (I-40_275-TP-W)

RAMP I-40_275-TP-W

58005+00

MASNER RD

I-40 WB

I-40 EB

6725+00

6730+00

6735+00

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-FLIR THERMAL SENSOR	2 EA
WWDS-AXIS CCTV CAMERA	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
WWDS-NETWORK CABLE, EXTERIOR	20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	195 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	195 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	205 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	205 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

EXIST. ARDOT R/W

THIS SITE HAS EXISTING CCTV COVERAGE AT STA. 6767+75 I-40 EB (CAMERA #TN559)

LOCATION: TRUCK PARKING WB
CITY: WEST MEMPHIS
COUNTY: CRITTENDEN
DISTRICT: 1 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	168	273
		WWDS I-40 PLAN SHEET I-40_275-E				

STATE OF ARKANSAS
Bryan P. Hubbard
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No. 21456
BRYAN P. HUBBARD

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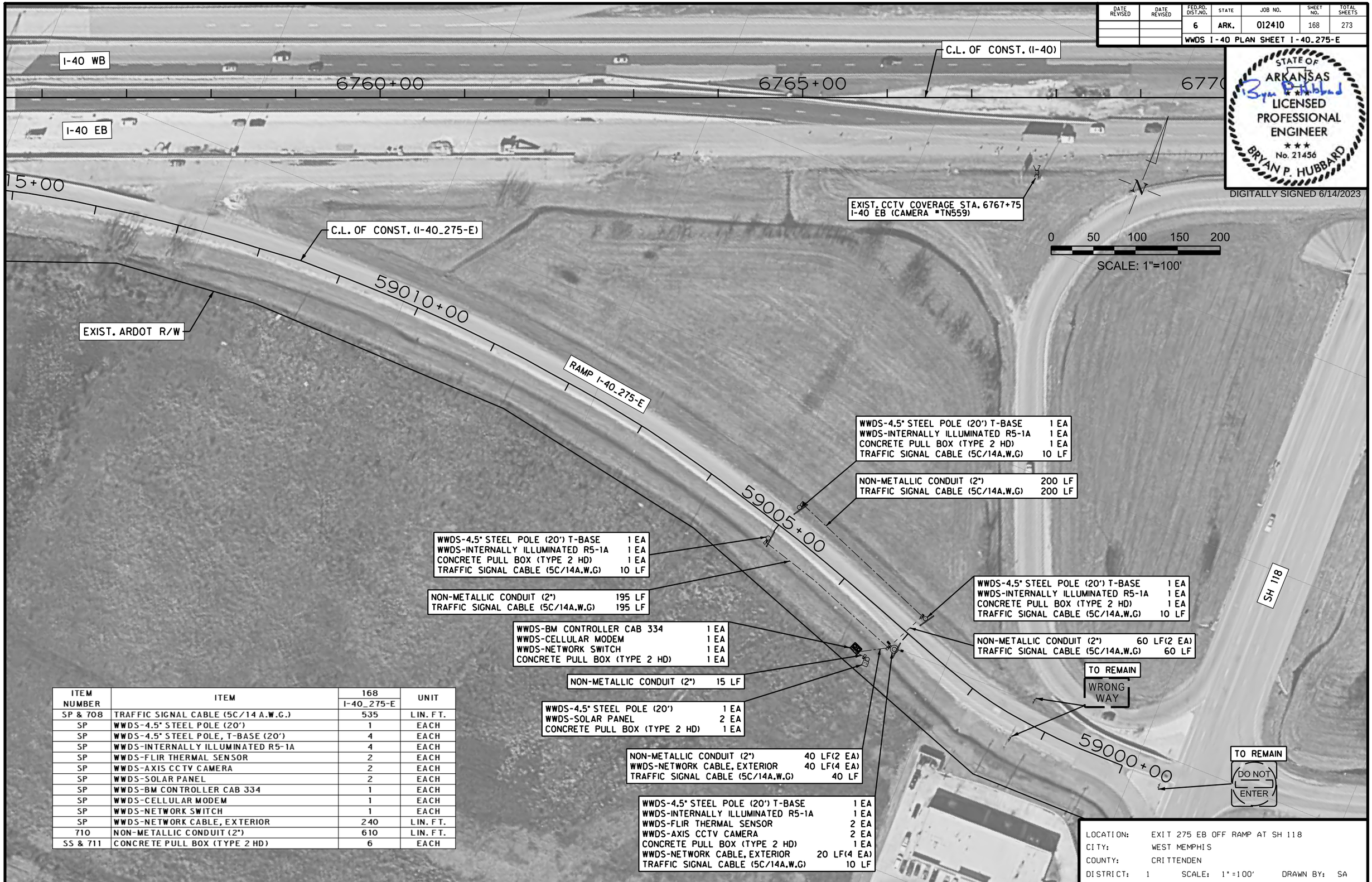

ITEM NUMBER	ITEM	168 I-40_275-E	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	535	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	240	LIN. FT.
710	NON-METALLIC CONDUIT (2")	610	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

LOCATION: EXIT 275 EB OFF RAMP AT SH 118
CITY: WEST MEMPHIS
COUNTY: CRITTENDEN
DISTRICT: 1 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	169	273
		WWDS I-40 PLAN SHEET I-40_275-W				

STATE OF ARKANSAS
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DIGITALLY SIGNED 6/14/2023

SH 118

TO REMAIN
DO NOT ENTER

WRONG WAY
TO REMAIN

60000+00

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 40 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 40 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 40 LF

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 15 LF

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 195 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 195 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 60 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 60 LF

60005+00

NON-METALLIC CONDUIT (2") 195 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 195 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

C.L. OF CONST. (I-40_275-W)

60010+00

RAMP I-40_275-W

EXIST. ARDOT R/W

60015+00

THIS SITE HAS EXISTING CCTV COVERAGE
AT STA. 6828+90 I-40 EB (CAMERA #TN560)

I-40 WB

6780+00

6785+00

6790+00

I-40 EB

C.L. OF CONST. (I-40)

N

0 50 100 150 200
SCALE: 1"=100'

ITEM NUMBER	ITEM	169 I-40_275-W	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	530	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	240	LIN. FT.
710	NON-METALLIC CONDUIT (2")	605	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

LOCATION: EXIT 275 WB OFF RAMP AT SH 118
CITY: WEST MEMPHIS
COUNTY: CRITTENDEN
DISTRICT: 1 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	170	273
		WWDS I-40 PLAN SHEET I-40_276-E				

ITEM NUMBER	ITEM	170 I-40_276-E	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	495	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	240	LIN. FT.
710	NON-METALLIC CONDUIT (2")	565	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH
SS & 726	STANDARD SIGN	9	SQ. FT.

STATE OF ARKANSAS
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No. 21456
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DIGITALLY SIGNED 6/14/2023

0 50 100 150 200
SCALE: 1"=100'

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 40 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 40 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 40 LF

NON-METALLIC CONDUIT (2") 160 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 160 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

EXIST. ARDOT R/W

C.L. OF CONST. (I-40)

6830+00

6835+00

6840+00

I-40 WB

C.L. OF CONST. (I-40_276-E)

I-40 EB

NON-METALLIC CONDUIT (2") 50 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 50 LF

61005+00

RAMP I-40_276-E

EXIST. CCTV COVERAGE STA. 6828+90
I-40 EB (CAMERA #TN560)

EXIST. ARDOT R/W

TO REMAIN
DO NOT ENTER

WRONG WAY
TO REMAIN

61000+00

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 20 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 205 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 205 LF

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

S SERVICE RD

DO NOT ENTER

STANDARD SIGN R5-1 9 SF

LOCATION: EXIT 276 EB OFF RAMP AT SH 77
CITY: WEST MEMPHIS
COUNTY: CRITTENDEN
DISTRICT: 1 SCALE: 1"=100' DRAWN BY: SA

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ITEM NUMBER	ITEM	171 I-40_278-E	UNIT
202	REMOVAL AND DISPOSAL OF SIGNS	1	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	610	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	920	LIN. FT.
710	NON-METALLIC CONDUIT (2")	955	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	171	273
		WWDS I-40 PLAN SHEET I-40_278-E				

STATE OF ARKANSAS
Bryan P Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

0 50 100 150 200
SCALE: 1"=100'

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 200 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 200 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

EXIST. ARDOT R/W

E SERVICE RD

R&D SIGN R5-1A 1 EA
WRONG WAY

C.L. OF CONST. (I-40)

6920+00 6925+00 6930+00

I-40 WB

I-40 EB

TO REMAIN
DO NOT ENTER

NON-METALLIC CONDUIT (2") 70 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 70 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 70 LF

62010+00

RAMP I-40_278-E

62005+00

C.L. OF CONST. (I-40_278-E)

62000+00

S SERVICE RD

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 140 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 140 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 140 LF

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 15 LF

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 160 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 160 LF

SH 191

N 6TH ST

THIS SITE HAS EXISTING CCTV COVERAGE AT STA. 6909+75 I-40 EB (CAMERA *TN344)

EXIST. ARDOT R/W

LOCATION: EXIT 278 EB OFF RAMP AT SH 191
CITY: WEST MEMPHIS
COUNTY: CRITTENDEN
DISTRICT: 1 SCALE: 1"=100' DRAWN BY: SA

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6/13/2023

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	172	273
		WWDS I-40 PLAN SHEET I-40_279A-E/278-W				

STATE OF ARKANSAS
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RAMP 279A-E HAS EXISTING CCTV COVERAGE AT STA. 6962+25 I-40 EB (CAMERA #TN434)

RAMP 278-W HAS EXISTING CCTV COVERAGE AT STA. 6993+82 I-40 EB (CAMERA #TN435)

N

0 50 100 150 200
SCALE: 1"=100'

WWDS-PM CONTROLLER CAB 336S	1 EA
WWDS-CELLULAR MODEM	1 EA
WWDS-NETWORK SWITCH	1 EA
WWDS-4.5" STEEL POLE (20')	1 EA
WWDS-SOLAR PANEL	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

NON-METALLIC CONDUIT (2")	15 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	15 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	15 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-FLIR THERMAL SENSOR	2 EA
WWDS-AXIS CCTV CAMERA	2 EA
WWDS-NETWORK CABLE, EXTERIOR	20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

EXIST. ARDOT R/W

E SERVICE RD

64000+00

64005+00

WRONG WAY

R&D SIGN R5-1A 1 EA

RAMP I-40_278-W

C.L. OF CONST. (I-40_278-W)

6970+00

I-40 WB

6975+00

6980+00

C.L. OF CONST. (I-40_279A-E)

I-40 EB

DO NOT ENTER

STANDARD SIGN R5-1 9 SF

C.L. OF CONST. (I-40)

RAMP I-40_279A-E

63005+00

S SERVICE RD

63000+00

EXIST. ARDOT R/W

DO NOT ENTER

TO REMAIN

N 18TH ST

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-FLIR THERMAL SENSOR	2 EA
WWDS-AXIS CCTV CAMERA	2 EA
WWDS-NETWORK CABLE, EXTERIOR	20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	15 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	15 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	15 LF

WWDS-PM CONTROLLER CAB 336S	1 EA
WWDS-CELLULAR MODEM	1 EA
WWDS-NETWORK SWITCH	1 EA
WWDS-4.5" STEEL POLE (20')	1 EA
WWDS-SOLAR PANEL	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

ITEM NUMBER	ITEM	172		UNIT
		I-40_279A-E	I-40_278-W	
202	REMOVAL AND DISPOSAL OF SIGNS	0	1	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	55	45	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	3	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	3	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	2	EACH
SP	WWDS-POLE TOP SELF-CONTAINED SOLAR CABINE	3	2	EACH
SP	WWDS-SOLAR PANEL	2	2	EACH
SP	WWDS-PM CONTROLLER CAB 336S	1	1	EACH
SP	WWDS-CELLULAR MODEM	1	1	EACH
SP	WWDS-NETWORK SWITCH	1	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	140	LIN. FT.
710	NON-METALLIC CONDUIT (2")	30	30	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	1	1	EACH
SS & 726	STANDARD SIGN	9	0	SQ. FT.

LOCATION: EXIT 279A EB OFF RAMP/EXIT 278 WB OFF RAMP
CITY: WEST MEMPHIS
COUNTY: CRITTENDEN
DISTRICT: 1 SCALE: 1"=100' DRAWN BY: SA

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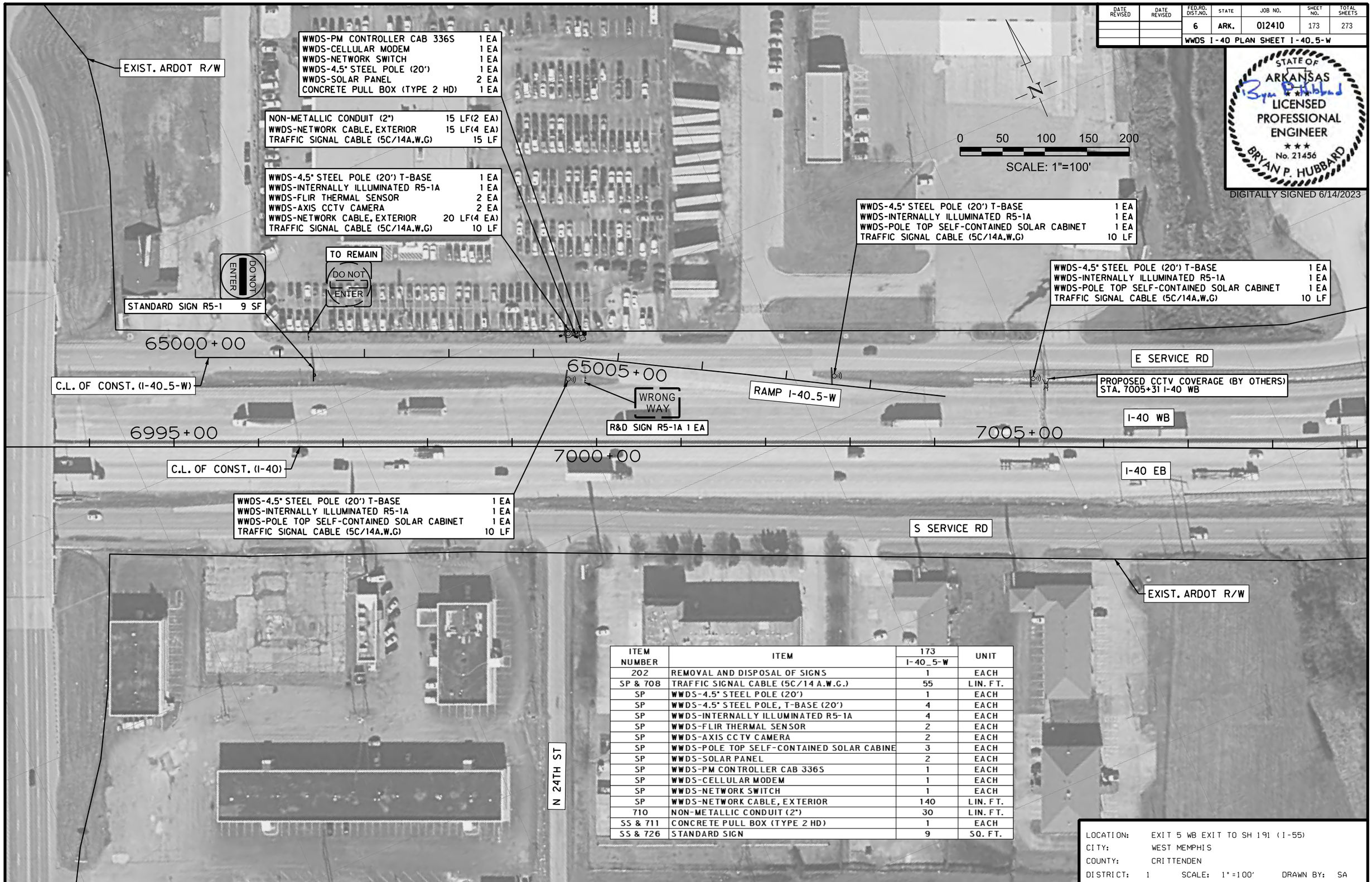
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	173	273
		WWDS I-40 PLAN SHEET I-40_5-W				

STATE OF ARKANSAS
Bryan P. Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023



ITEM NUMBER	ITEM	173 I-40_5-W	UNIT
202	REMOVAL AND DISPOSAL OF SIGNS	1	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	55	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-POLE TOP SELF-CONTAINED SOLAR CABINE	3	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-PM CONTROLLER CAB 336S	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	LIN. FT.
710	NON-METALLIC CONDUIT (2")	30	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	1	EACH
SS & 726	STANDARD SIGN	9	SQ. FT.

LOCATION: EXIT 5 WB EXIT TO SH 191 (I-55)
CITY: WEST MEMPHIS
COUNTY: CRITTENDEN
DISTRICT: 1 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	174	273
		WWDS I-40 PLAN SHEET I-40_279A-W				

STATE OF ARKANSAS
Bryan P Hubbard
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No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

N

0 50 100 150 200
SCALE: 1"=100'

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-FLIR THERMAL SENSOR	2 EA
WWDS-AXIS CCTV CAMERA	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
WWDS-NETWORK CABLE, EXTERIOR	20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	20 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	20 LF

WWDS-BM CONTROLLER CAB 334	1 EA
WWDS-CELLULAR MODEM	1 EA
WWDS-NETWORK SWITCH	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

NON-METALLIC CONDUIT (2")	30 LF

WWDS-4.5" STEEL POLE (20')	1 EA
WWDS-SOLAR PANEL	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

NON-METALLIC CONDUIT (2")	295 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	295 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	50 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	50 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	305 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	305 LF

ITEM NUMBER	ITEM	174 I-40_279A-W	UNIT
202	REMOVAL AND DISPOSAL OF SIGNS	2	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	710	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	160	LIN. FT.
710	NON-METALLIC CONDUIT (2")	770	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH
SS & 726	STANDARD SIGN	9	SQ. FT.

LOCATION:	EXIT 279A WB OFF RAMP AT INGRAM BLVD
CITY:	WEST MEMPHIS
COUNTY:	CRITTENDEN
DISTRICT: 1	SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	175	273
		WWDS I-40 PLAN SHEET I-40_280-E				

ITEM NUMBER	ITEM	175 I-40_280-E	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	625	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	440	LIN. FT.
710	NON-METALLIC CONDUIT (2")	690	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

STATE OF ARKANSAS
Bryan P Hubbard
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No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

N

0 50 100 150 200
SCALE: 1"=100'

EXIST. ARDOT R/W

E SERVICE RD

C.L. OF CONST. (I-40)

I-40 WB

7045+00

7050+00

7055+00

I-40 EB

67010+00

RAMP I-40_280-E

67005+00

C.L. OF CONST. (I-40_280-E)

SERVICE LOOP DR

EXIST. ARDOT R/W

67000+00

WRONG WAY

TO REMAIN

TO REMAIN

DO NOT ENTER

MARTIN LUTHER KING JR DR

EXIST. ARDOT R/W

MATCHLINE 7057+00

NON-METALLIC CONDUIT (2")	250	LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	250	LF

WWDS-4.5" STEEL POLE (20') T-BASE	1	EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1	EA
CONCRETE PULL BOX (TYPE 2 HD)	1	EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10	LF

WWDS-4.5" STEEL POLE (20') T-BASE	1	EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1	EA
WWDS-FLIR THERMAL SENSOR	2	EA
WWDS-AXIS CCTV CAMERA	2	EA
CONCRETE PULL BOX (TYPE 2 HD)	1	EA
WWDS-NETWORK CABLE, EXTERIOR	20	LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10	LF

EXIST. CCTV COVERAGE STA. 7054+50 I-40 WB (CAMERA "TN437)

NON-METALLIC CONDUIT (2")	60	LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	60	LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	60	LF

WWDS-4.5" STEEL POLE (20') T-BASE	1	EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1	EA
CONCRETE PULL BOX (TYPE 2 HD)	1	EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10	LF

WWDS-4.5" STEEL POLE (20') T-BASE	1	EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1	EA
CONCRETE PULL BOX (TYPE 2 HD)	1	EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10	LF

NON-METALLIC CONDUIT (2")	245	LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	245	LF

NON-METALLIC CONDUIT (2")	30	LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	30	LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	30	LF

WWDS-BM CONTROLLER CAB 334	1	EA
WWDS-CELLULAR MODEM	1	EA
WWDS-NETWORK SWITCH	1	EA
CONCRETE PULL BOX (TYPE 2 HD)	1	EA

NON-METALLIC CONDUIT (2")	15	LF

WWDS-4.5" STEEL POLE (20')	1	EA
WWDS-SOLAR PANEL	2	EA
CONCRETE PULL BOX (TYPE 2 HD)	1	EA

LOCATION: EXIT 280 EB OFF RAMP AT SH 38 & CLUB RD
CITY: WEST MEMPHIS
COUNTY: CRITTENDEN
DISTRICT: 1 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	176	273
		WWDS I-40 PLAN SHEET I-40_280-W				

STATE OF ARKANSAS
Bryan P Hubbard
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THIS SITE HAS EXISTING CCTV COVERAGE AT STA. 7054+50 I-40 WB (CAMERA *TN437)

MARTIN LUTHER KING JR DR

TO REMAIN
DO NOT ENTER

68000+00

C.L. OF CONST. (I-40_280-W)

TO REMAIN
WRONG WAY

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	70 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	70 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	70 LF

WWDS-BM CONTROLLER CAB 334	1 EA
WWDS-CELLULAR MODEM	1 EA
WWDS-NETWORK SWITCH	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

NON-METALLIC CONDUIT (2")	20 LF

WWDS-4.5" STEEL POLE (20')	1 EA
WWDS-SOLAR PANEL	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

NON-METALLIC CONDUIT (2")	245 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	245 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	55 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	55 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	55 LF

68005+00

RAMP I-40_280-W

EXIST. ARDOT R/W

I-40 WB

7060+00

7065+00

7070+00

MATCHLINE 7057+00

C.L. OF CONST. (I-40)

I-40 EB

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	155 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	155 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-FLIR THERMAL SENSOR	2 EA
WWDS-AXIS CCTV CAMERA	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
WWDS-NETWORK CABLE, EXTERIOR	20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

EXIST. ARDOT R/W

N

0 50 100 150 200
SCALE: 1"=100'

ITEM NUMBER	ITEM	176 I-40_280-W	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	565	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	580	LIN. FT.
710	NON-METALLIC CONDUIT (2")	670	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

LOCATION: EXIT 280 WB OFF RAMP AT SH 38 & CLUB RD
CITY: WEST MEMPHIS
COUNTY: CRITTENDEN
DISTRICT: 1 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	177	273
		WWDS I-40 PLAN SHEET I-40_281-W				

STATE OF ARKANSAS
Bryan P Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

N

0 50 100 150 200
SCALE: 1"=100'

EXIST. ARDOT R/W

MOUND CITY RD/SH 131

TO REMAIN
DO NOT ENTER

TO REMAIN
WRONG WAY

69000+00

RAMP I-40_281-W

EXIST. CCTV COVERAGE STA. 7084+32
I-40 WB (CAMERA #TN438)

69005+00

EXIST. ARDOT R/W

I-40 WB

7085+00

7090+00

7095+00

C.L. OF CONST. (I-40_281-W)

I-40 EB

C.L. OF CONST. (I-40)

EXIST. ARDOT R/W

EXIST. ARDOT R/W

WWDS-4.5" STEEL POLE (20')	1 EA
WWDS-SOLAR PANEL	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
NON-METALLIC CONDUIT (2")	30 LF
WWDS-BM CONTROLLER CAB 334	1 EA
WWDS-CELLULAR MODEM	1 EA
WWDS-NETWORK SWITCH	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
NON-METALLIC CONDUIT (2")	45 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	45 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	45 LF
WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-FLIR THERMAL SENSOR	2 EA
WWDS-AXIS CCTV CAMERA	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
WWDS-NETWORK CABLE, EXTERIOR	20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF
NON-METALLIC CONDUIT (2")	255 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	255 LF
WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF
WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF
WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF
NON-METALLIC CONDUIT (2")	255 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	255 LF
NON-METALLIC CONDUIT (2")	50 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	50 LF

ITEM NUMBER	ITEM	177 I-40_281-W	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	645	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	260	LIN. FT.
710	NON-METALLIC CONDUIT (2")	730	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

LOCATION: EXIT 281 WB OFF RAMP AT SH 131
CITY: WEST MEMPHIS
COUNTY: CRITTENDEN
DISTRICT: 1 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	178	273
		WWDS QUANTITIES - I-430				

STATE OF ARKANSAS
Bryan P Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023

I-430 WWDS SUMMARY OF QUANTITIES

ITEM NUMBER	ITEM	179	180	181	182	183	184	185	186	187	UNIT
		I-430_128-S	I-430_1-N	I-430_1-S	I-430_4-N	I-430_4-S	I-430_5-N	I-430_5-S	I-430_6B-S2	I-430_6B-S1	
202	REMOVAL AND DISPOSAL OF SIGNS					2	2		1	1	EACH
202	REMOVAL AND RELOCATION OF SIGN										EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	795	895	715	780	875	710	620	665	625	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	1	1	1	1	1	1	1	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	5	4	4	4	4	4	4	4	5	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	5	4	4	4	4	4	4	4	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	3	2	2	2	2	2	2	2	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	2	2	2	2	2	2	2	2	EACH
SP	WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET										EACH
SP	WWDS-SOLAR PANEL	2	2	2	2	2	2	2	2	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	1	1	1	1	1	1	1	1	EACH
SP	WWDS-PM CONTROLLER CAB 336S										EACH
SP	WWDS-CELLULAR MODEM	1	1	1	1	1	1	1	1	1	EACH
SP	WWDS-NETWORK SWITCH	1	1	1	1	1	1	1	1	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	960	920	360	580	1080	140	860	180	415	LIN. FT.
710	NON-METALLIC CONDUIT (2")	1200	1135	765	930	1160	765	860	730	1075	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	7	6	6	6	6	6	6	6	7	EACH
SP	TILT TOWER (40')										EACH
SS & 726	STANDARD SIGN	18									SQ. FT.
SP	PTZ CCTV CAMERA, SOLAR										EACH

ITEM NUMBER	ITEM	188	189	190	191		192	193	TOTAL QUANTITY	UNIT
		I-430_8-N	I-430_8-S	I-430_9-N	I-430_9B-S1	I-430_9B-S2	I-430_12-N	I-430_12-S		
202	REMOVAL AND DISPOSAL OF SIGNS			1			2	2	11	EACH
202	REMOVAL AND RELOCATION OF SIGN								0	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	715	730	705	390	575	510	745	11050	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	1	1	1	1	1	1	16	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	4	4	4	4	3	5	66	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	4	4	4	4	3	4	64	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	2	2	2	2	2	2	33	EACH
SP	WWDS-AXIS CCTV CAMERA	2	2	2	2	2	2	2	32	EACH
SP	WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET					1			1	EACH
SP	WWDS-SOLAR PANEL	2	2	2	2	2	2	2	32	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	1	1	1	1	1	1	16	EACH
SP	WWDS-PM CONTROLLER CAB 336S								0	EACH
SP	WWDS-CELLULAR MODEM	1	1	1	1	1	1	1	16	EACH
SP	WWDS-NETWORK SWITCH	1	1	1	1	1	1	1	16	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	460	920	140	140	900	595	8790	LIN. FT.
710	NON-METALLIC CONDUIT (2")	770	805	900	470	560	705	1105	13935	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	6	6	6	5	6	7	98	EACH
SP	TILT TOWER (40')								0	EACH
SS & 726	STANDARD SIGN								18	SQ. FT.
SP	PTZ CCTV CAMERA, SOLAR								0	EACH

LOCATION: ARKANSAS
CITY: VARIOUS
COUNTY: VARIOUS
DISTRICT: 6 SCALE: NTS DRAWN BY: TJS

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	179	273
		WWDS I-430 PLAN SHEET I-430_128-S				

ITEM NUMBER	ITEM	179 I-430_128-S	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	795	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	5	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	5	EACH
SP	WWDS-FLIR THERMAL SENSOR	3	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	960	LIN. FT.
710	NON-METALLIC CONDUIT (2")	1200	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	7	EACH
SS & 726	STANDARD SIGN	18	SQ. FT.

STATE OF ARKANSAS
Bryan Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

0 50 100 150 200
SCALE: 1"=100'

BASS PRO PKWY

STANDARD SIGN R5-1 9 SF

STANDARD SIGN R5-1 9 SF

FRONTAGE RD

1000+00

1005+00

1010+00

1015+00

160+00

165+00

C.L. OF CONST. (I-430_128-S)

C.L. OF CONST. (I-30)

I-30 EB

I-30 WB

I-430 SB

I-430 NB

RAMP I-430_128-S

EXIST. ARDOT R/W

•DETECTION POLE SHALL DETECT 300' OUT TO GIVE SUFFICIENT ADVANCED WARNING

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-FLIR THERMAL SENSOR	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
WWDS-NETWORK CABLE, EXTERIOR	20 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	200 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	200 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	200 LF

WWDS-BM CONTROLLER CAB 334	1 EA
WWDS-CELLULAR MODEM	1 EA
WWDS-NETWORK SWITCH	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

NON-METALLIC CONDUIT (2")	20 LF
WWDS-4.5" STEEL POLE (20')	1 EA
WWDS-SOLAR PANEL	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

NON-METALLIC CONDUIT (2")	105 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	105 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	105 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	60 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	60 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	60 LF

WRONG WAY TO REMAIN

WRONG WAY TO REMAIN

WRONG WAY TO REMAIN

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	310 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	310 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	70 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	70 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-FLIR THERMAL SENSOR	2 EA
WWDS-AXIS CCTV CAMERA	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
WWDS-NETWORK CABLE, EXTERIOR	20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

THIS SITE HAS EXISTING CCTV COVERAGE AT STA. 35+05 I-430 MD (CAMERA #6026)

LOCATION: EXIT 128 FROM I-30 SB TO WB FR
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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6/13/2023

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	180	273
		WWDS I-430 PLAN SHEET I-430_1-N				

STATE OF ARKANSAS
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No. 21456
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DIGITALLY SIGNED 6/14/2023

I-430 SB
I-430 NB
C.L. OF CONST. (I-430)
70+00
75+00
2015+00
2010+00
2005+00
2000+00
C.L. OF CONST. (I-430_1-N)
EXIST. ARDOT R/W
STAGECOACH RD/HWY 5
RAMP I-430_1-N
SIBLEY HOLE RD

N

0 50 100 150 200
SCALE: 1"=100'

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	300 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	300 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-FLIR THERMAL SENSOR	2 EA
WWDS-AXIS CCTV CAMERA	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
WWDS-NETWORK CABLE, EXTERIOR	20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	210 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	210 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	210 LF

NON-METALLIC CONDUIT (2")	25 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	300 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	300 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

WRONG WAY
TO REMAIN

DO NOT ENTER
TO REMAIN

WWDS-4.5" STEEL POLE (20')	1 EA
WWDS-SOLAR PANEL	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

WWDS-BM CONTROLLER CAB 334	1 EA
WWDS-CELLULAR MODEM	1 EA
WWDS-NETWORK SWITCH	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

NON-METALLIC CONDUIT (2")	45 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	45 LF

ITEM NUMBER	ITEM	180 I-430_1-N	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	895	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	920	LIN. FT.
710	NON-METALLIC CONDUIT (2")	1135	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

THIS SITE HAS EXISTING CCTV COVERAGE AT STA. 85+50 I-430 MD (CAMERA #6057)

LOCATION: EXIT 1 NB OFF RAMP FROM I-430 N TO HWY 5
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	181	273
		WWDS I-430 PLAN SHEET I-430_1-S				

THIS SITE HAS EXISTING CCTV COVERAGE AT STA. 85+50 I-430 MD (CAMERA #6057)

ITEM NUMBER	ITEM	181 I-430_1-S	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	715	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	360	LIN. FT.
710	NON-METALLIC CONDUIT (2")	765	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

0 50 100 150 200
SCALE: 1"=100'

STATE OF ARKANSAS
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WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	35 LF
NON-METALLIC CONDUIT (2")	25 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	25 LF(4 EA)

TO REMAIN
WRONG WAY

3000+00

FLINTRIDGE RD

DO NOT ENTER
TO REMAIN

NON-METALLIC CONDUIT (2")	45 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	45 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	45 LF

3005+00

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-FLIR THERMAL SENSOR	2 EA
WWDS-AXIS CCTV CAMERA	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
WWDS-NETWORK CABLE, EXTERIOR	20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	305 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	305 LF

STAGECOACH RD/HWY 5

WWDS-BM CONTROLLER CAB 334	1 EA
WWDS-CELLULAR MODEM	1 EA
WWDS-NETWORK SWITCH	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

NON-METALLIC CONDUIT (2")	20 LF

WWDS-4.5" STEEL POLE (20')	1 EA
WWDS-SOLAR PANEL	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

NON-METALLIC CONDUIT (2")	300 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	300 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

EXIST. ARDOT R/W

3010+00

C.L. OF CONST. (I-430_1-S)

RAMP I-430_1-S

3015+00

70+00

I-430 SB

I-430 NB

C.L. OF CONST. (I-430)

75+00

80+00

LOCATION:	EXIT 1 SB OFF RAMP FROM I-430 S TO HWY 5		
CITY:	LITTLE ROCK		
COUNTY:	PULASKI		
DISTRICT:	6	SCALE: 1"=100'	DRAWN BY: SA

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ITEM NUMBER	ITEM	182 I-430_4-N	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	780	LIN. FT.
SP	WWDS-4.5' STEEL POLE (20')	1	EACH
SP	WWDS-4.5' STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	580	LIN. FT.
710	NON-METALLIC CONDUIT (2")	930	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	182	273
		WWDS I-430 PLAN SHEET I-430_4-N				

0 50 100 150 200

SCALE: 1"=100'

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023

EXIST. ARDOT R/W

185+00

I-430 SB

190+00

C.L. OF CONST. (I-430)

195+00

I-430 NB

4015+00

4010+00

C.L. OF CONST. (I-430_4-N)

RAMP I-430_4-N

4005+00

EXIST. ARDOT R/W

4000+00

COLONEL GLENN RD/HWY 300

MATCHLINE 198+50

WWDS-4.5' STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	285 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	285 LF

WWDS-4.5' STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

WWDS-4.5' STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-FLIR THERMAL SENSOR	2 EA
WWDS-AXIS CCTV CAMERA	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
WWDS-NETWORK CABLE, EXTERIOR	20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

WWDS-4.5' STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	290 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	290 LF

NON-METALLIC CONDUIT (2")	40 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	40 LF

NON-METALLIC CONDUIT (2")	125 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	125 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	125 LF

WWDS-BM CONTROLLER CAB 334	1 EA
WWDS-CELLULAR MODEM	1 EA
WWDS-NETWORK SWITCH	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

WWDS-4.5' STEEL POLE (20')	1 EA
WWDS-SOLAR PANEL	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
NON-METALLIC CONDUIT (2")	25 LF

DO NOT ENTER
TO REMAIN

WRONG WAY
TO REMAIN

THIS SITE HAS EXISTING CCTV COVERAGE AT STA. 207+00 I-430 MD (CAMERA #6011)

LOCATION:	EXIT 4 NB OFF RAMP FROM I-430 N TO HWY 300
CITY:	LITTLE ROCK
COUNTY:	PULASKI
DISTRICT: 6	SCALE: 1"=100' DRAWN BY: SA

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ITEM NUMBER	ITEM	183 I-430_4-S	UNIT
202	REMOVAL AND DISPOSAL OF SIGNS	2	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	875	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	1080	LIN. FT.
710	NON-METALLIC CONDUIT (2")	1160	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	183	273
		WWDS I-430 PLAN SHEET I-430_4-S				

STATE OF ARKANSAS
Bryan P Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

0 50 100 150 200
SCALE: 1"=100'

EXIST. ARDOT R/W

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 30 LF

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 250 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 250 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 250 LF

WRONG WAY
R&D SIGN R5-1A 1 EA

5000+00

DO NOT ENTER
TO REMAIN

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 45 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 45 LF

NON-METALLIC CONDUIT (2") 295 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 295 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

5005+00

WRONG WAY
R&D SIGN R5-1A 1 EA

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 245 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 245 LF

C.L. OF CONST. (I-430_4-S)

5010+00

RAMP I-430_4-S

507

EXIST. CCTV COVERAGE STA 207+00
I-430 MD (CAMERA #6011)

I-430 SB

200+00

205+00

210+00

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

C.L. OF CONST. (I-430)

I-430 NB

MATCHLINE 198+50

COLONEL GLENN RD/HWY 300

EXIST. ARDOT R/W

LOCATION: EXIT 4 SB OFF RAMP FROM I-430 S TO HWY 300
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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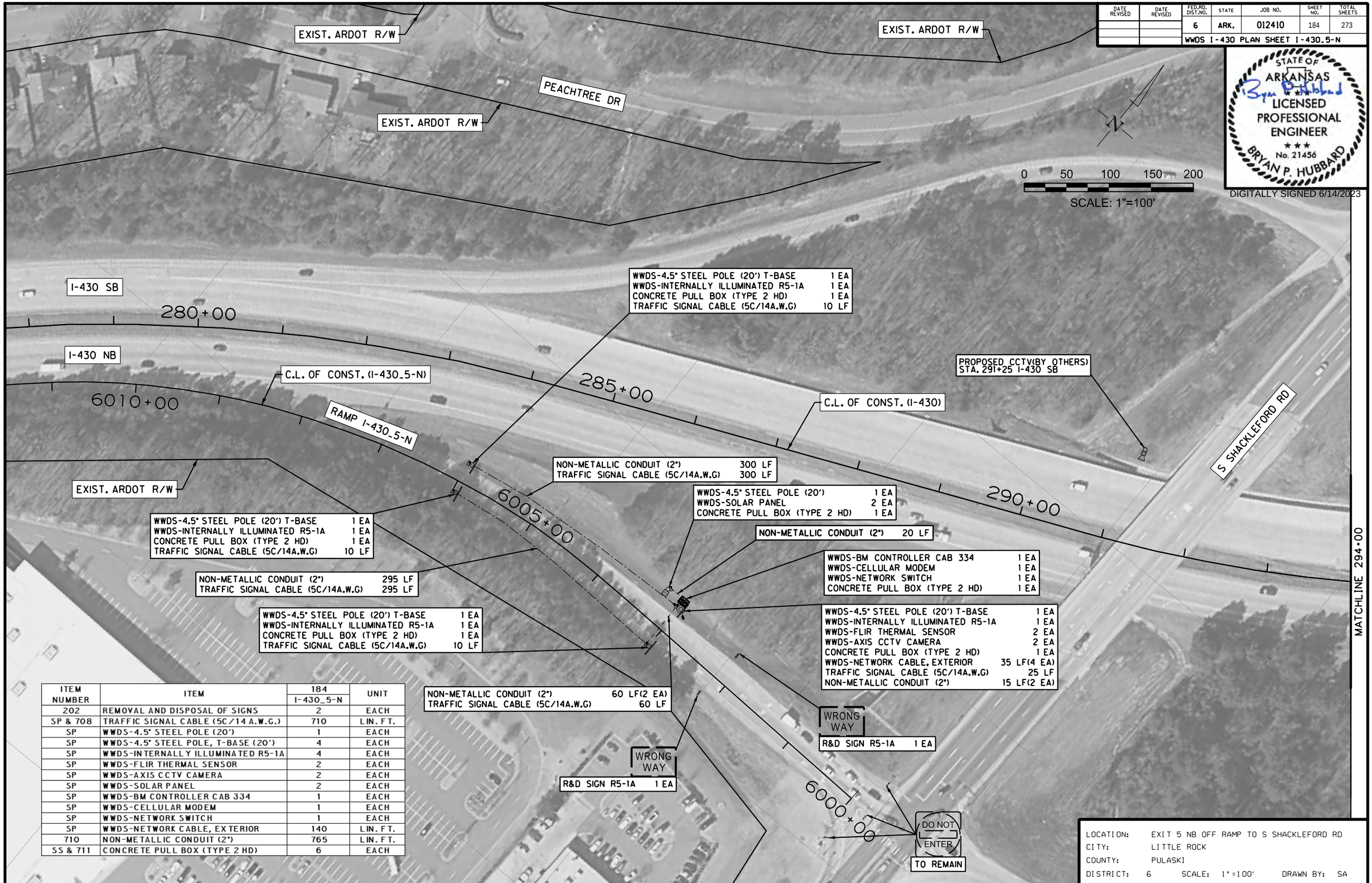
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	184	273

WWDS I-430 PLAN SHEET I-430_5-N

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023



ITEM NUMBER	ITEM	184 I-430_5-N	UNIT
202	REMOVAL AND DISPOSAL OF SIGNS	2	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	710	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	LIN. FT.
710	NON-METALLIC CONDUIT (2")	765	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

LOCATION: EXIT 5 NB OFF RAMP TO S SHACKLEFORD RD
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	185	273
		WWDS I-430 PLAN SHEET I-430_5-S				

ITEM NUMBER	ITEM	185 I-430_5-S	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	620	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	860	LIN. FT.
710	NON-METALLIC CONDUIT (2")	860	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

STATE OF ARKANSAS
Bryan P Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

0 50 100 150 200
SCALE: 1"=100'

EXIST. ARDOT R/W
PEACH TREE DR
S SHACKLEFORD RD
EXIST. ARDOT R/W
TO REMAIN
DO NOT ENTER
C.L. OF CONST. (I-430_5-S)
WRONG WAY
TO REMAIN
RAMP I-430_5-S
C.L. OF CONST. (I-430)
EXIST. ARDOT R/W
I-430 SB
I-430 NB
ALDERSGATE RD
MATCHLINE 294+00

7000+00
7005+00
7010+00
295+00
300+00
305+00
310+00

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	255 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	255 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	65 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	65 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-FLIR THERMAL SENSOR	2 EA
WWDS-AXIS CCTV CAMERA	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
WWDS-NETWORK CABLE, EXTERIOR	20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	195 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	195 LF
WWDS-NETWORK CABLE, EXTERIOR	195 LF(4 EA)

WWDS-BM CONTROLLER CAB 334	1 EA
WWDS-CELLULAR MODEM	1 EA
WWDS-NETWORK SWITCH	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

NON-METALLIC CONDUIT (2")	20 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	65 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	65 LF

WWDS-4.5" STEEL POLE (20')	1 EA
WWDS-SOLAR PANEL	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

THIS SITE HAS EXISTING CCTV COVERAGE AT STA. 326+00 I-430 NB (CAMERA #6079)

LOCATION: EXIT 5 SB OFF RAMP TO S SHACKLEFORD RD
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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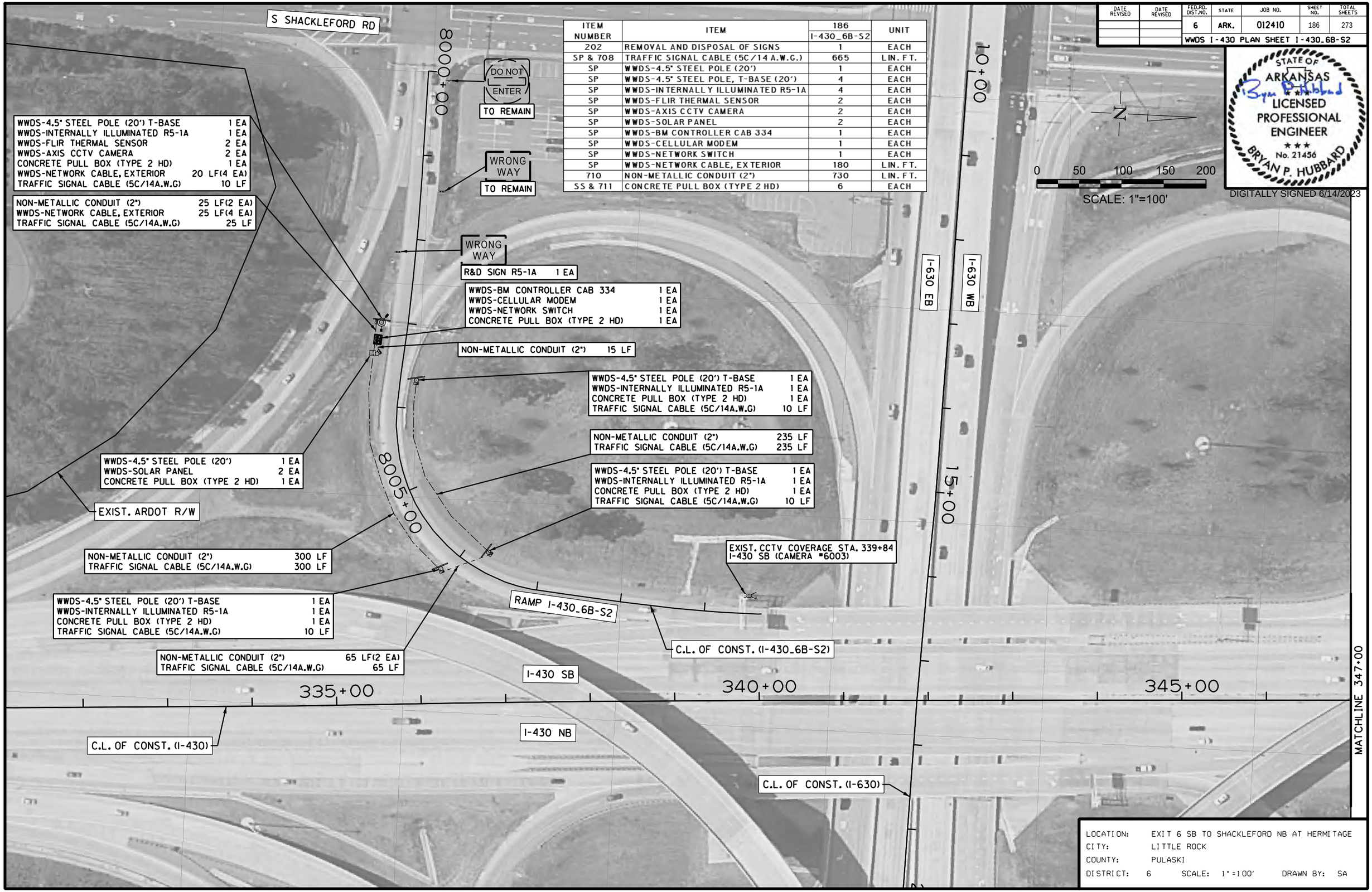
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	186	273

WWDS I-430 PLAN SHEET I-430_6B-S2

STATE OF ARKANSAS
Bryan P. Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023

ITEM NUMBER	ITEM	186 I-430_6B-S2	UNIT
202	REMOVAL AND DISPOSAL OF SIGNS	1	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	665	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	180	LIN. FT.
710	NON-METALLIC CONDUIT (2")	730	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH



LOCATION: EXIT 6 SB TO SHACKLEFORD NB AT HERMITAGE
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	187	273
		WWDS I-430 PLAN SHEET I-430_6B-S1				

ITEM NUMBER	ITEM	187 I-430_6B-S1	UNIT
202	REMOVAL AND DISPOSAL OF SIGNS	1	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	625	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	5	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	415	LIN. FT.
710	NON-METALLIC CONDUIT (2")	1075	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	7	EACH

STATE OF ARKANSAS
BRYAN P. HUBBARD
LICENSED PROFESSIONAL ENGINEER
No. 21456
DIGITALLY SIGNED 6/14/2023

EXIST. ARDOT R/W

S SHACKLEFORD RD

TO REMAIN
DO NOT ENTER

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-FLIR THERMAL SENSOR 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF

TO REMAIN
WRONG WAY

NON-METALLIC CONDUIT (2") 185 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 185 LF

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 25 LF

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 50 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 50 LF(3 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 50 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 1 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(3 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 250 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 250 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

9000+00

WRONG WAY
TO REMAIN

WRONG WAY
R&D SIGN R5-1A 1 EA

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 45 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 45 LF

NON-METALLIC CONDUIT (2") 240 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 240 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

9005+00

RAMP I-430_6B-S1

EXIST. ARDOT R/W

N

0 50 100 150 200
SCALE: 1"=100'

9010+00

C.L. OF CONST. (I-430_6B-S1)

MATCHLINE 347+00

350+00

I-430 SB

355+00

I-430 NB

360+00

W MARKHAM ST

C.L. OF CONST. (I-430)

THIS SITE HAS EXISTING CCTV COVERAGE AT STA. 326+00 I-430 NB (CAMERA #6079)

EXIST. ARDOT R/W

LOCATION: EXIT 6 SB OFF RAMP TO SHACKLEFORD NB
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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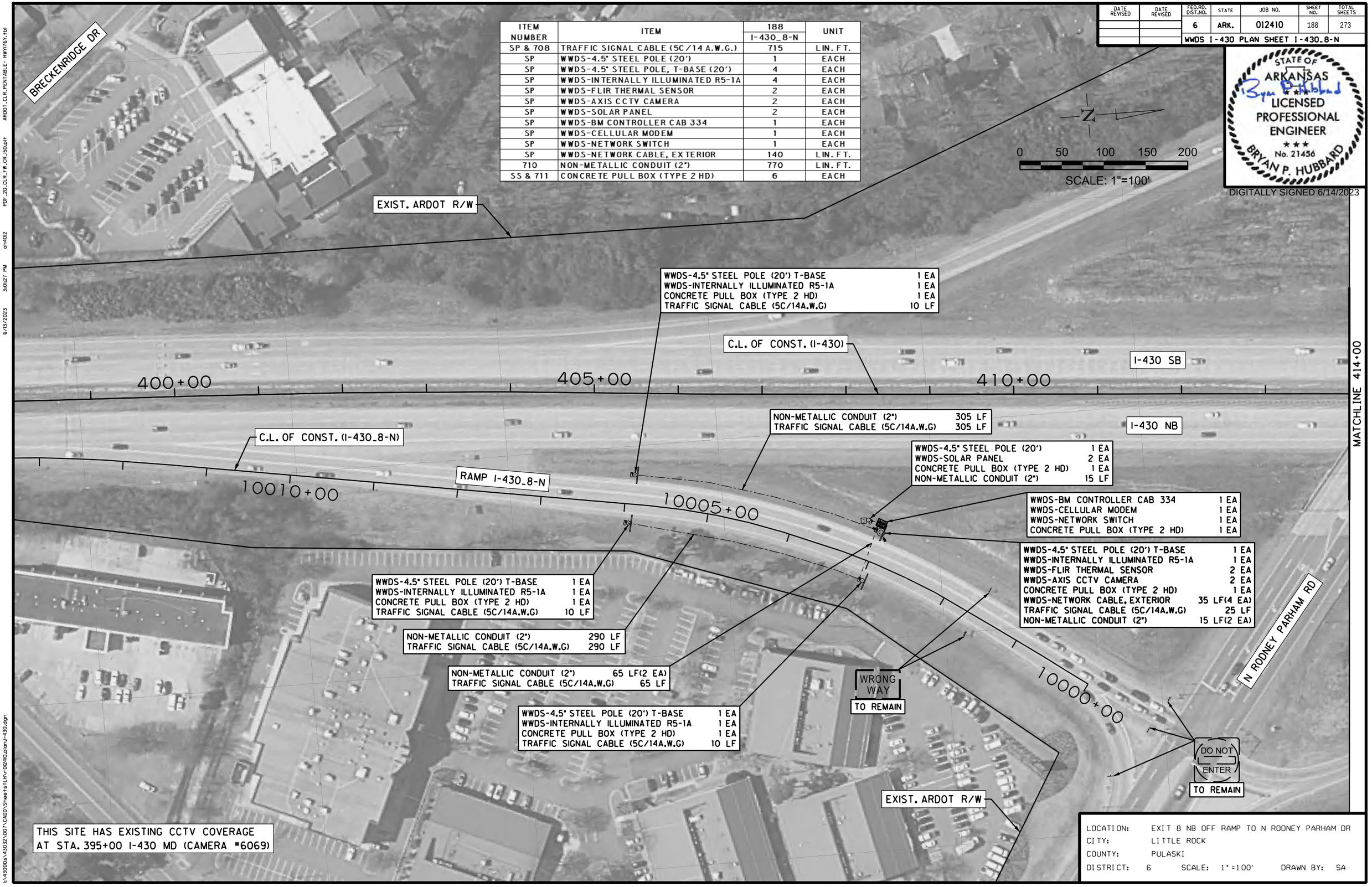
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	188	273
		WWDS I-430 PLAN SHEET I-430_8-N				

ITEM NUMBER	ITEM	188 I-430_8-N	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	715	LIN. FT.
SP	WWDS-4.5' STEEL POLE (20')	1	EACH
SP	WWDS-4.5' STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	LIN. FT.
710	NON-METALLIC CONDUIT (2")	770	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH



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SCALE: 1"=100'

STATE OF ARKANSAS
Bryan P Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

LOCATION: EXIT 8 NB OFF RAMP TO N RODNEY PARHAM DR
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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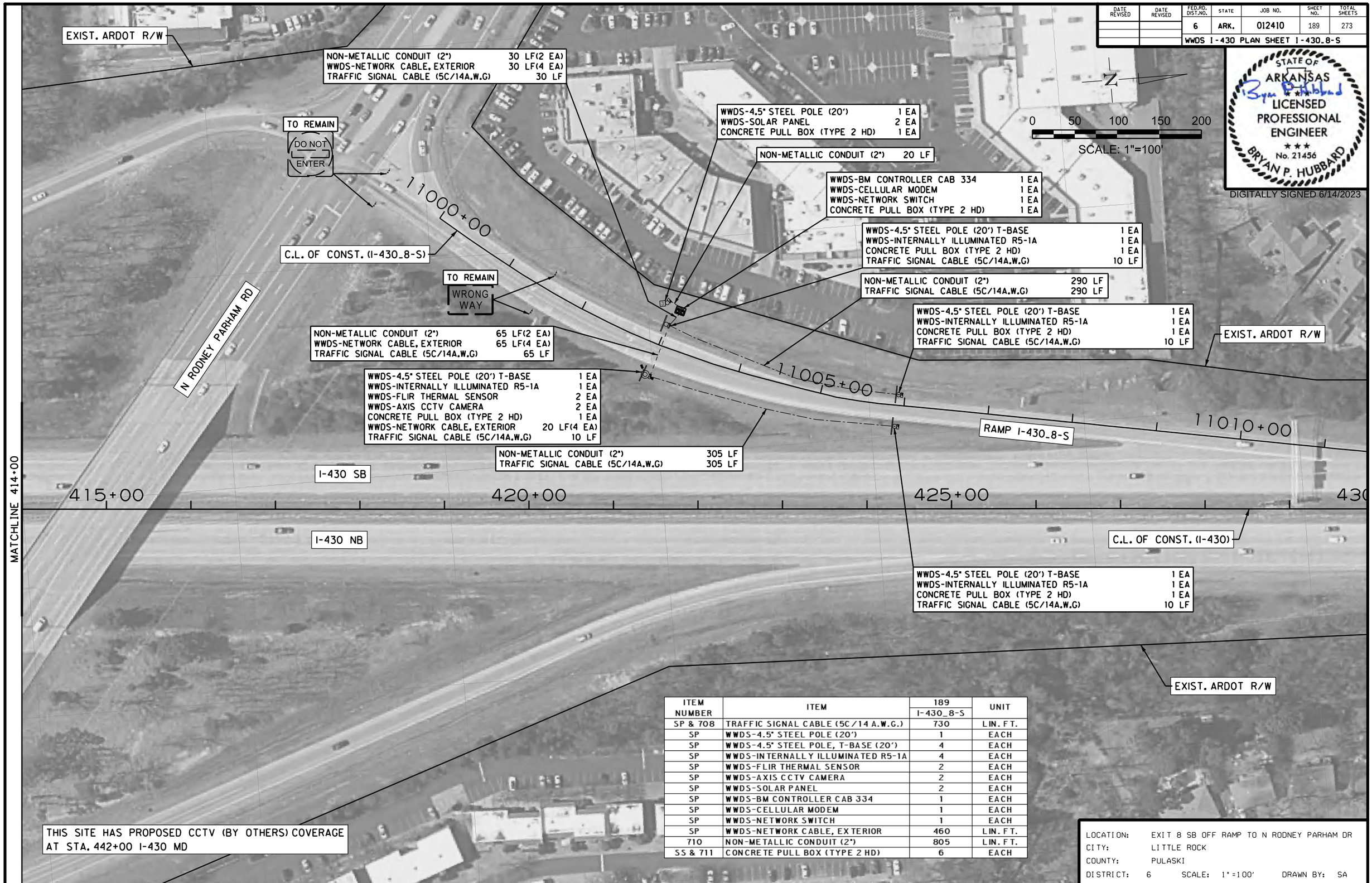
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	189	273

WWDS I-430 PLAN SHEET I-430_8-S

STATE OF ARKANSAS
Bryan P. Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023



ITEM NUMBER	ITEM	189 I-430_8-S	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	730	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	460	LIN. FT.
710	NON-METALLIC CONDUIT (2")	805	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

LOCATION: EXIT 8 SB OFF RAMP TO N RODNEY PARHAM DR
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	190	273
		WWDS I-430 PLAN SHEET I-430_9-N				

STATE OF ARKANSAS
Bryan P. Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

ITEM NUMBER	ITEM	190 I-430_9-N	UNIT
202	REMOVAL AND DISPOSAL OF SIGNS	1	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	705	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	920	LIN. FT.
710	NON-METALLIC CONDUIT (2")	900	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

LOCATION: EXIT 9 NB OFF RAMP TO SH 10 EB
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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ITEM NUMBER	ITEM	191 I-430_9B-S1	191 I-430_9B-S2	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	390	575	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	2	EACH
SP	WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET	0	1	EACH
SP	WWDS-SOLAR PANEL	2	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	1	EACH
SP	WWDS-CELLULAR MODEM	1	1	EACH
SP	WWDS-NETWORK SWITCH	1	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	140	LIN. FT.
710	NON-METALLIC CONDUIT (2")	470	560	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	5	EACH

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	191	273
		WWDS I-430 PLAN SHEET I-430_9B-S1/9B-S2				

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

N

0 50 100 150 200
SCALE: 1"=100'

EXIST. ARDOT R/W

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 35 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 25 LF
NON-METALLIC CONDUIT (2") 15 LF(2 EA)

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 290 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 290 LF

RIVER MOUNTAIN RD

C.L. OF CONST. (I-430_9B-S2)

RAMP I-430_9B-S2

14005+00

CANTRELL RD

14000+00

WRONG WAY
TO REMAIN

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 10 LF

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 230 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 230 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

SH 10 WB

SH 10 EB

PLEASANT VALLEY FARM RD

RODNEY PARHAM RD

EXIST. ARDOT R/W

ANDERSON DR

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 50 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 50 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 40 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 40 LF

RAMP I-430_9B-S

RAMP I-430_9B-S1

NON-METALLIC CONDUIT (2") 245 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 245 LF

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 15 LF

13000+00

C.L. OF CONST. (I-430_9B-S1)

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 35 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 25 LF
NON-METALLIC CONDUIT (2") 15 LF(2 EA)

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

THESE SITES HAVE EXISTING CCTV COVERAGE AT STA. 490+30 I-430 SB (CAMERA #6111/#6113)

LOCATION: EXIT 9 SB OFF RAMP TO SH 10 WB
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	192	273
		WWDS I-430 PLAN SHEET I-430_12-N				

ITEM NUMBER	ITEM	192 I-430_12-N	UNIT
202	REMOVAL AND DISPOSAL OF SIGNS	2	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	510	LIN. FT.
SP	WWDS-4.5' STEEL POLE (20')	1	EACH
SP	WWDS-4.5' STEEL POLE, T-BASE (20')	3	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	3	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	900	LIN. FT.
710	NON-METALLIC CONDUIT (2")	705	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

0 50 100 150 200

SCALE: 1"=100'

STATE OF ARKANSAS
Bryan P Hubbard
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No. 21456
BRYAN P. HUBBARD
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EXIST. ARDOT R/W

EXIST. CCTV COVERAGE STA. 612+11
I-430 SB (CAMERA #6119)

610+00

615+00

620+00

625+00

15015+00

15010+00

15005+00

15000+00

C.L. OF CONST. (I-430)

C.L. OF CONST. (I-430_12-N)

I-430 SB

I-430 NB

RAMP I-430_12-N

CRYSTAL HILL RD/SH 100

R&D SIGN R5-1A 1 EA
WRONG WAY

NON-METALLIC CONDUIT (2") 130 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 130 LF

WWDS-4.5' STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 20 LF

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 75 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 75 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 75 LF

WWDS-4.5' STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

EXIST. ARDOT R/W

WWDS-4.5' STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

WWDS-4.5' STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 145 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 145 LF

CONCRETE PULL BOX (TYPE 2 HD) 1 EA

WRONG WAY
R&D SIGN R5-1A 1 EA

NON-METALLIC CONDUIT (2") 130 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 130 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 130 LF

WRONG WAY
TO REMAIN

DO NOT ENTER
TO REMAIN

THIS SITE HAS EXISTING CCTV COVERAGE
AT STA. 602+00 I-430 SB (CAMERA #6118)

LOCATION: EXIT 12 NB OFF RAMP TO SH 100
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	193	273
		WWDS I-430 PLAN SHEET I-430_12-S				

STATE OF ARKANSAS
Bryan P. Hubbard
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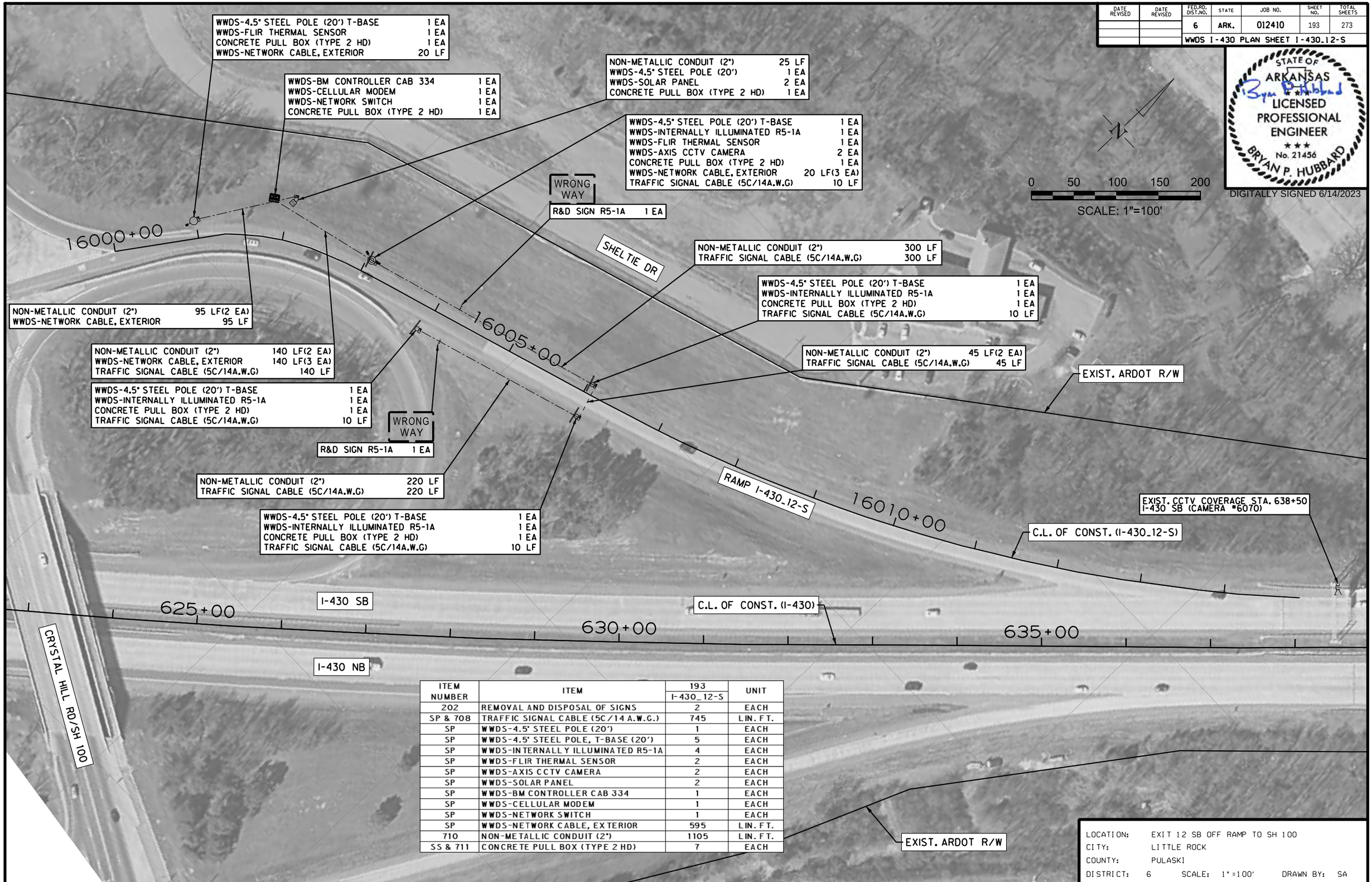
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023



ITEM NUMBER	ITEM	193 I-430_12-S	UNIT
202	REMOVAL AND DISPOSAL OF SIGNS	2	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	745	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	5	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	595	LIN. FT.
710	NON-METALLIC CONDUIT (2")	1105	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	7	EACH

LOCATION: EXIT 12 SB OFF RAMP TO SH 100
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

ARDOT_CLR_PENTABLE- HWY176Y.tbl
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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	194	273
		WWDS QUANTITIES - I-30				

STATE OF ARKANSAS
Bryan P Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023

I-30 WWDS SUMMARY OF QUANTITIES

ITEM NUMBER	ITEM	195	196	197	198		199	200	201	UNIT
		I-30_128-W	I-30_130-E	I-30_130-W	I-30_131-E	I-30_131-W	I-30_132-E	I-30_132-W	I-30_133-E	
202	REMOVAL AND DISPOSAL OF SIGNS				2					EACH
202	REMOVAL AND RELOCATION OF SIGN									EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	370	285	635	485	180	475	730	465	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	1	1	1	1	1	1	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	3	4	4	5	4	4	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	3	4	4	5	4	4	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	2	2	2	2	2	2	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	2	2	2	2	2	2	2	EACH
SP	WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET					4				EACH
SP	WWDS-SOLAR PANEL	2	2	2	2	2	2	2	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	1	1	1	1	1	1	1	EACH
SP	WWDS-PM CONTROLLER CAB 336S									EACH
SP	WWDS-CELLULAR MODEM	1	1	1	1	1	1	1	1	EACH
SP	WWDS-NETWORK SWITCH	1	1	1	1	1	1	1	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	180	160	590	580	600	140	140	140	LIN. FT.
710	NON-METALLIC CONDUIT (2")	475	350	950	710	275	585	785	560	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	5	6	6	3	6	7	6	EACH
SP	TILT TOWER (40')									EACH
SS & 726	STANDARD SIGN			18						SQ. FT.
SP	PTZ CCTV CAMERA, SOLAR									EACH

ITEM NUMBER	ITEM	202	203	204	205	206	207	208	TOTAL QUANTITY	UNIT
		I-30_133-W	I-30_134-E	I-30_134-W	I-30_135-E	I-30_135-W	I-30_139A-E	I-30_139A-W		
202	REMOVAL AND DISPOSAL OF SIGNS	2					2		6	EACH
202	REMOVAL AND RELOCATION OF SIGN								0	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	730	445	630	475	710	345	370	7330	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	1	1	1	1	1	1	15	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	4	4	4	4	3	4	59	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	4	4	4	4	3	4	59	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	2	2	2	2	2	2	30	EACH
SP	WWDS-AXIS CCTV CAMERA	2	2	2	2	2	2	2	30	EACH
SP	WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET								4	EACH
SP	WWDS-SOLAR PANEL	2	2	2	2	2	2	2	30	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	1	1	1	1	1	1	15	EACH
SP	WWDS-PM CONTROLLER CAB 336S								0	EACH
SP	WWDS-CELLULAR MODEM	1	1	1	1	1	1	1	15	EACH
SP	WWDS-NETWORK SWITCH	1	1	1	1	1	1	1	15	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	520	860	180	140	360	200	4930	LIN. FT.
710	NON-METALLIC CONDUIT (2")	790	635	800	585	755	440	420	9115	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	6	6	6	6	5	6	86	EACH
SP	TILT TOWER (40')								0	EACH
SS & 726	STANDARD SIGN								18	SQ. FT.
SP	PTZ CCTV CAMERA, SOLAR								0	EACH

LOCATION: ARKANSAS
CITY: VARIOUS
COUNTY: VARIOUS
DISTRICT: 6 SCALE: NTS DRAWN BY: TJS

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	195	273
		WWDS I-30 PLAN SHEET I-30_128-W				

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
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BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

SIBLEY HOLE RD

EXIST. ARDOT R/W

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-FLIR THERMAL SENSOR	2 EA
WWDS-AXIS CCTV CAMERA	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
WWDS-NETWORK CABLE, EXTERIOR	20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

TO REMAIN
DO NOT ENTER

TO REMAIN
DO NOT ENTER

NON-METALLIC CONDUIT (2")	25 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	25 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	25 LF

WWDS-BM CONTROLLER CAB 334	1 EA
WWDS-CELLULAR MODEM	1 EA
WWDS-NETWORK SWITCH	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

NON-METALLIC CONDUIT (2")	20 LF

WWDS-4.5" STEEL POLE (20')	1 EA
WWDS-SOLAR PANEL	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

TO REMAIN
DO NOT ENTER

N

0 50 100 150 200
SCALE: 1"=100'

1000+00
1005+00
1010+00
RAMP I-30 128-W
C.L. OF CONST. (I-30_128-W)
I-30 FRONTAGE RD WB
I-30 WB
5+00
190+00
195+00
200+00
C.L. OF CONST. (I-30)
I-30 EB
I-30 FRONTAGE RD EB

NON-METALLIC CONDUIT (2")	50 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	50 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	205 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	205 LF

NON-METALLIC CONDUIT (2")	50 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	50 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

THIS SITE HAS EXISTING CCTV COVERAGE AT STA. 166+50 I-30 WB (CAMERA #6012)

ITEM NUMBER	ITEM	195 I-30_128-W	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	370	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	180	LIN. FT.
710	NON-METALLIC CONDUIT (2")	475	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

LOCATION: EXIT 128 WB OFF RAMP TO I-30 FR
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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ITEM NUMBER	ITEM	196 I-30_130-E	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	285	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	3	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	3	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	160	LIN. FT.
710	NON-METALLIC CONDUIT (2")	350	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	5	EACH

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	196	273
		WWDS I-30 PLAN SHEET I-30_130-E				

STATE OF ARKANSAS
Bryan P Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

N

0 50 100 150 200
SCALE: 1"=100'

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 60 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 60 LF

NON-METALLIC CONDUIT (2") 175 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 175 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

EXIST. ARDOT R/W

CHILDERS DR

I-30 FRONTAGE RD WB

C.L. OF CONST. (I-30)

205+00

210+00

I-30 WB

215+00

I-30 EB

RAMP I-30 130-E

C.L. OF CONST. (I-30_130-E)

I-30 FRONTAGE RD EB

2005+00

2000+00

EXIST. ARDOT R/W

DO NOT ENTER

TO REMAIN

DO NOT ENTER

TO REMAIN

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 15 LF

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 20 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 20 LF

THIS SITE HAS EXISTING CCTV COVERAGE AT STA. 166+50 I-30 WB (CAMERA #6012)

LOCATION: EXIT 130 EB OFF RAMP TO I-30 FR
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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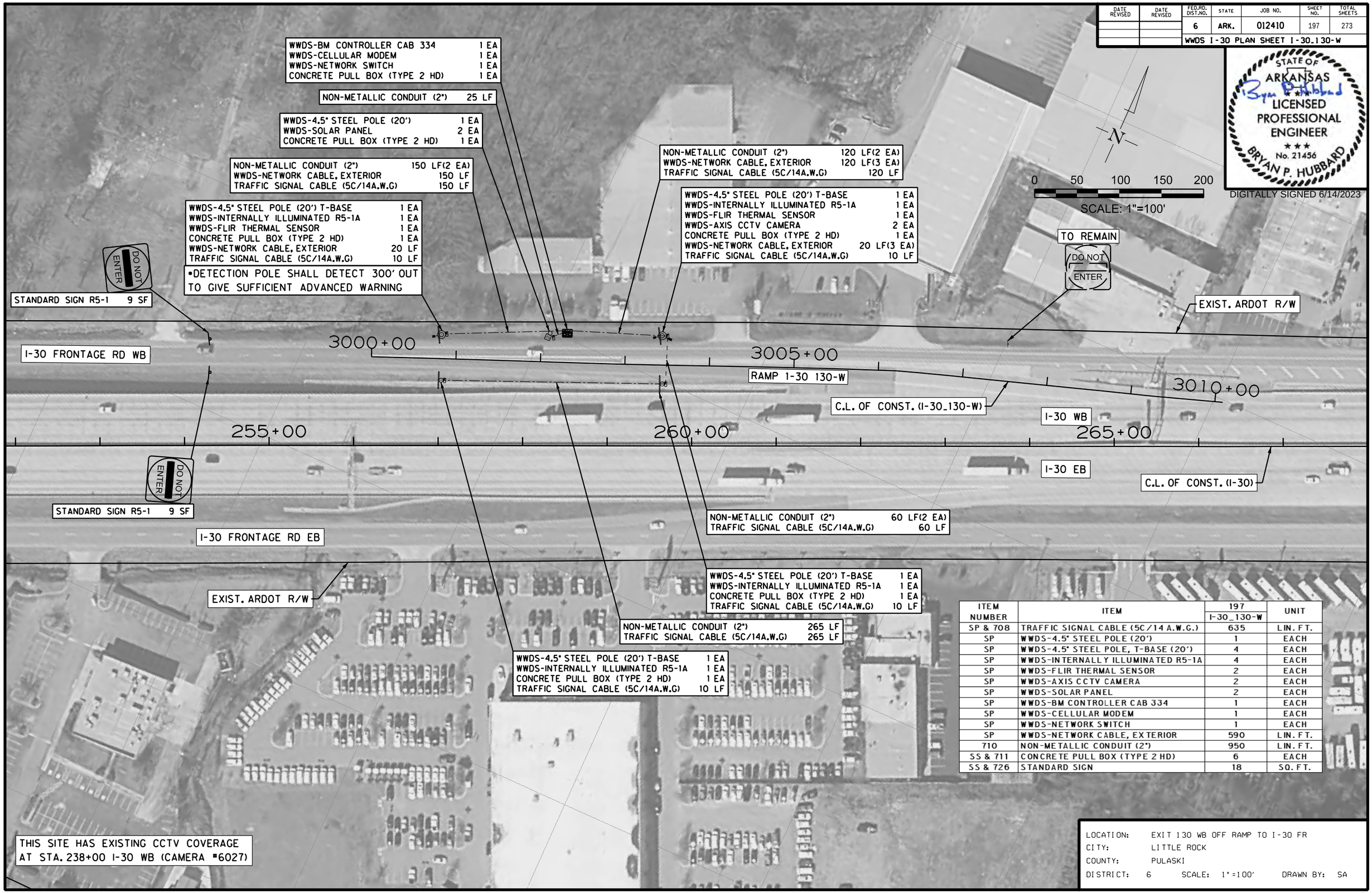
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	197	273
		WWDS I-30 PLAN SHEET I-30_130-W				

STATE OF ARKANSAS
Bryan Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023



ITEM NUMBER	ITEM	197 I-30_130-W	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	635	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	590	LIN. FT.
710	NON-METALLIC CONDUIT (2")	950	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH
SS & 726	STANDARD SIGN	18	SQ. FT.

LOCATION: EXIT 130 WB OFF RAMP TO I-30 FR
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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ITEM NUMBER	ITEM	198		UNIT
		I-30_131-E	I-30_131-W	
202	REMOVAL AND DISPOSAL OF SIGNS	2	0	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	485	180	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	5	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	5	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	2	EACH
SP	WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET	0	4	EACH
SP	WWDS-SOLAR PANEL	2	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	1	EACH
SP	WWDS-CELLULAR MODEM	1	1	EACH
SP	WWDS-NETWORK SWITCH	1	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	580	600	LIN. FT.
710	NON-METALLIC CONDUIT (2")	710	275	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	3	EACH

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	198	273
		WWDS I-30 PLAN SHEET I-30_131-E/131-W				

STATE OF ARKANSAS
Bryan P Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

0 50 100 150 200
SCALE: 1"=100'

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 15 LF

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 130 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 130 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 130 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

MCDANIEL DR

TO REMAIN
DO NOT ENTER

EXIST. ARDOT R/W

I-30 FRONTAGE RD WB

5000+00

C.L. OF CONST. (I-30_131-W)

C.L. OF CONST. (I-30)

5005+00

RAMP I-30 131-W

I-30 WB

EXIST. CCTV COVERAGE STA. 292+60
I-30 WB (CAMERA #6078)

280+00

285+00

290+00

NON-METALLIC CONDUIT (2") 200 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 200 LF

NON-METALLIC CONDUIT (2") 20 LF

I-30 EB

RAMP I-30 131-E

4005+00

4000+00

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

I-30 FRONTAGE RD EB

WRONG WAY
TO REMAIN

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 60 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 60 LF

DO NOT ENTER
TO REMAIN

C.L. OF CONST. (I-30_131-E)

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

EXIST. ARDOT R/W

DO NOT ENTER
TO REMAIN

R&D SIGN R5-1 1 EA

NON-METALLIC CONDUIT (2") 125 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 125 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 125 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

DISTRIBUTION DR

PRODUCTION DR

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

R&D SIGN R5-1 1 EA

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 60 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 60 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

LOCATION: EXIT 131 EB/WB OFF RAMP TO I-30 FR
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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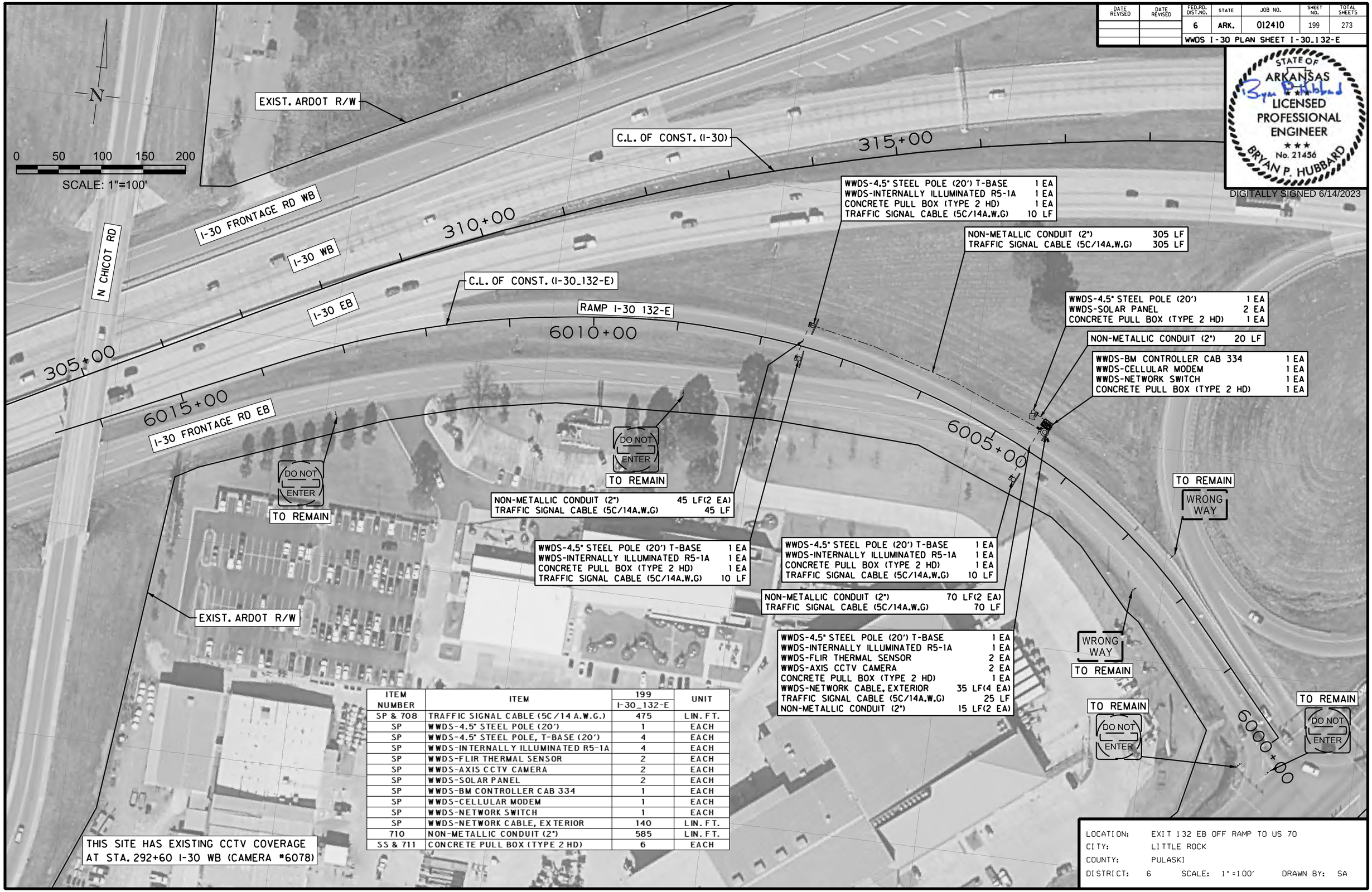
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	199	273
		WWDS I-30 PLAN SHEET I-30_132-E				

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023



ITEM NUMBER	ITEM	199 I-30_132-E	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	475	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	LIN. FT.
710	NON-METALLIC CONDUIT (2")	585	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

LOCATION: EXIT 132 EB OFF RAMP TO US 70
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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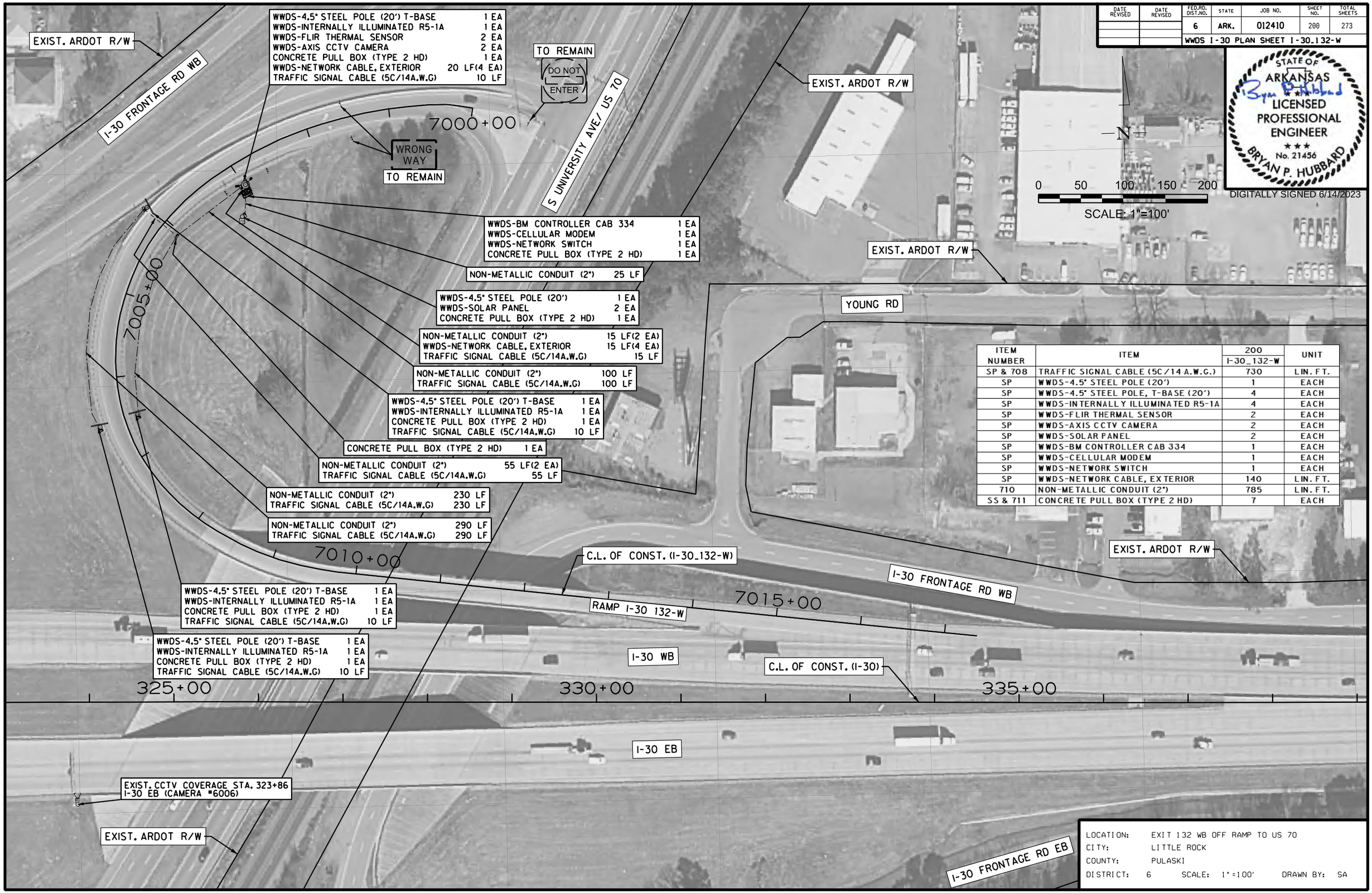
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	200	273

WWDS I-30 PLAN SHEET I-30_132-W

STATE OF ARKANSAS
Bryan P. Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023



ITEM NUMBER	ITEM	200 I-30_132-W	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	730	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	LIN. FT.
710	NON-METALLIC CONDUIT (2")	785	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	7	EACH

LOCATION: EXIT 132 WB OFF RAMP TO US 70
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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ITEM NUMBER	ITEM	201 I-30_133-E	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	465	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	LIN. FT.
710	NON-METALLIC CONDUIT (2")	560	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	201	273
		WWDS I-30 PLAN SHEET I-30_133-E				

STATE OF ARKANSAS
Bryan Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

EXIST. ARDOT R/W

YOUNG RD

EXIST. ARDOT R/W

N

0 50 100 150 200
SCALE: 1"=100'

NON-METALLIC CONDUIT (2") 15 LF

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 305 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 305 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

EXIST. ARDOT R/W

I-30 FRONTAGE RD WB

NON-METALLIC CONDUIT (2") 45 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 45 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

I-30 WB

345+00

350+00

C.L. OF CONST. (I-30)

355+00

MATCHLINE 357+00

I-30 EB

RAMP I-30 133-E

8010+00

TO REMAIN
DO NOT ENTER

TO REMAIN
WRONG WAY

I-30 FRONTAGE RD EB

8005+00

8000+00

C.L. OF CONST. (I-30_133-E)

EXIST. ARDOT R/W

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 15 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 15 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 15 LF

NON-METALLIC CONDUIT (2") 60 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 60 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

THIS SITE HAS EXISTING CCTV COVERAGE
AT STA. 323+86 I-30 EB (CAMERA #6006)

LOCATION: EXIT 133 EB OFF RAMP TO I-30 FR
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	202	273
		WWDS I-30 PLAN SHEET I-30_133-W				

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

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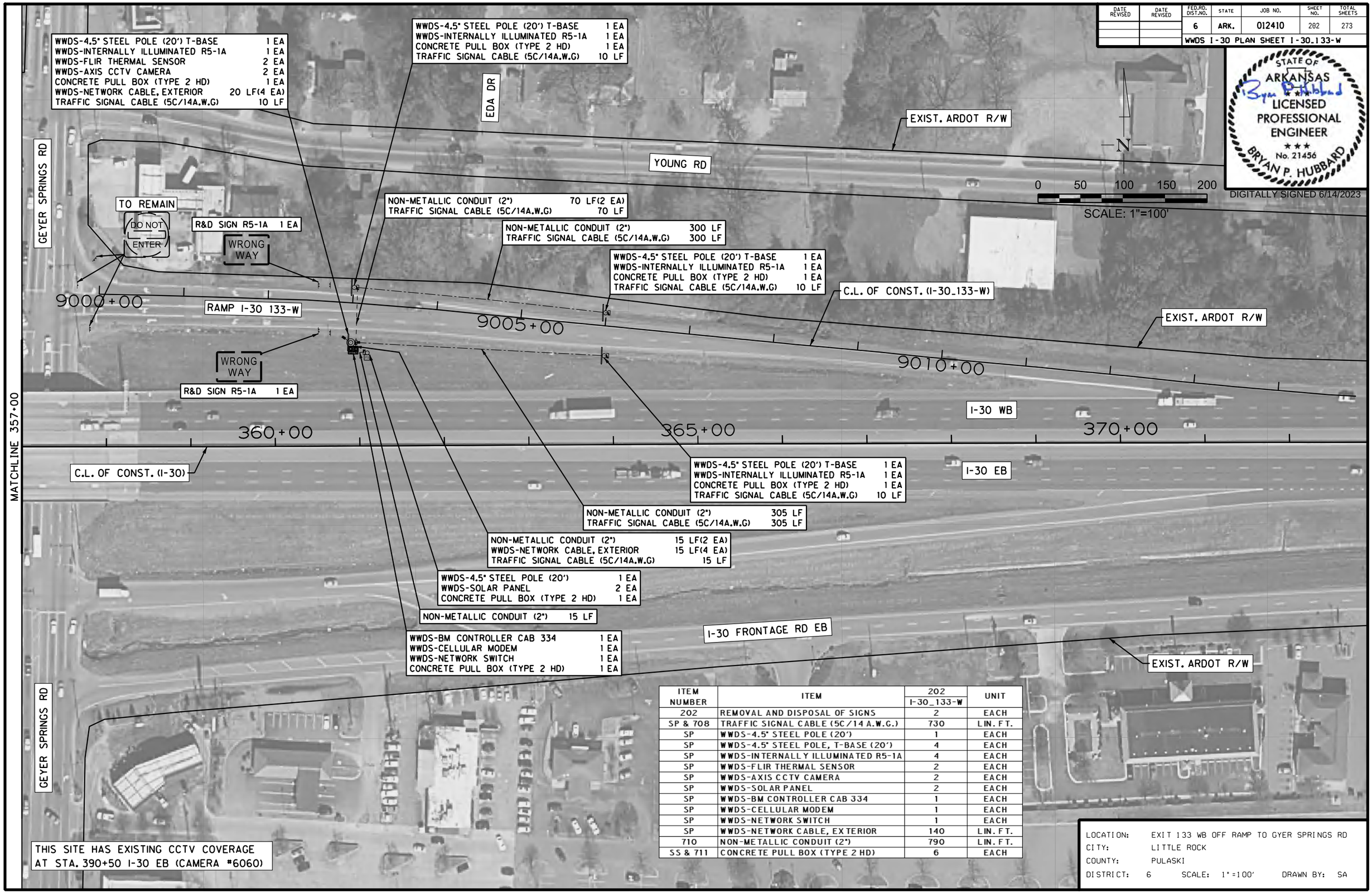

ITEM NUMBER	ITEM	202 I-30_133-W	UNIT
202	REMOVAL AND DISPOSAL OF SIGNS	2	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	730	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	LIN. FT.
710	NON-METALLIC CONDUIT (2")	790	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

LOCATION: EXIT 133 WB OFF RAMP TO GYER SPRINGS RD
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	203	273
		WWDS I-30 PLAN SHEET I-30_134-E				

STATE OF ARKANSAS
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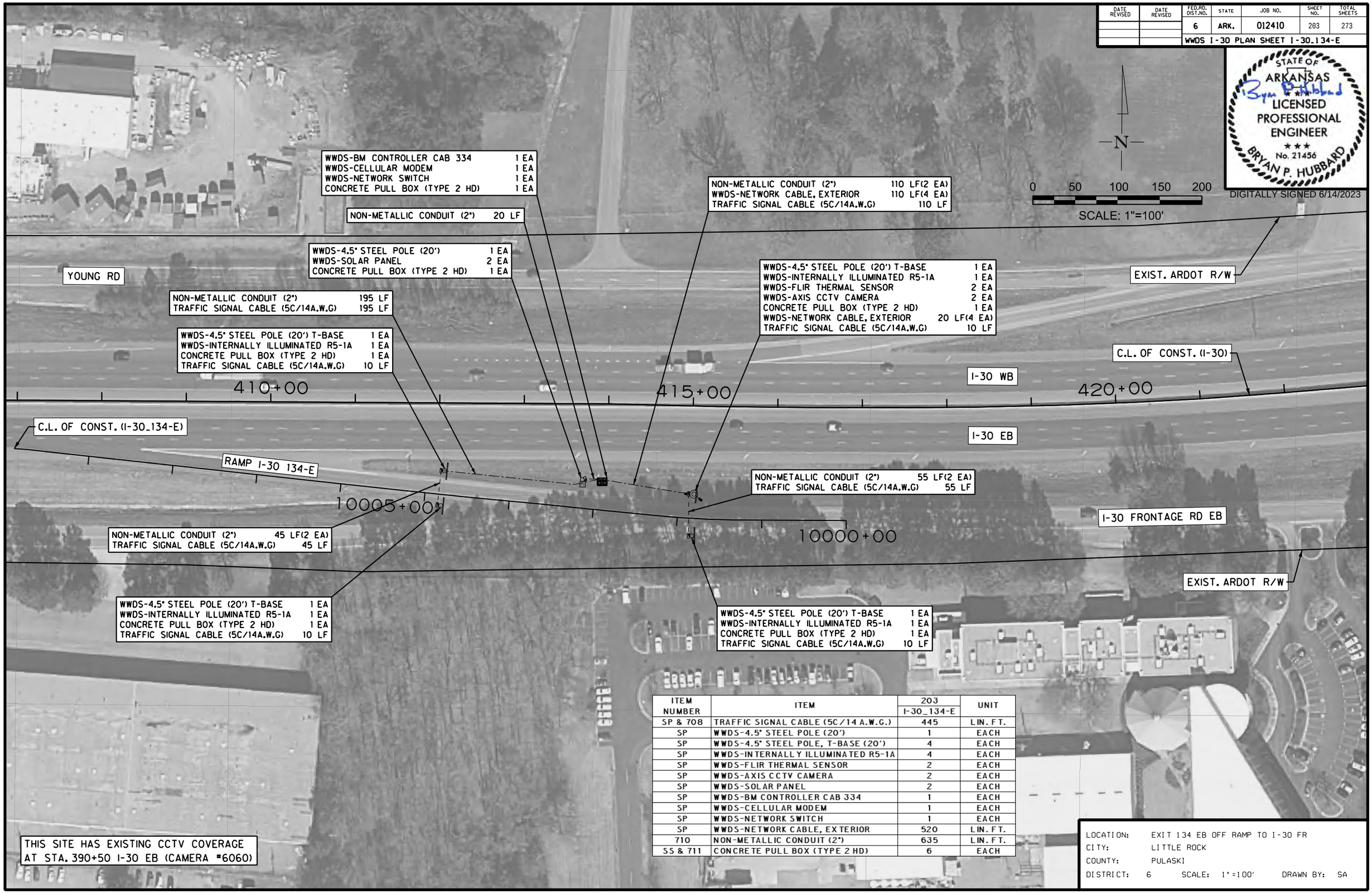

ITEM NUMBER	ITEM	203 I-30_134-E	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	445	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	520	LIN. FT.
710	NON-METALLIC CONDUIT (2")	635	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

LOCATION: EXIT 134 EB OFF RAMP TO I-30 FR
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	204	273
		WWDS I-30 PLAN SHEET I-30_134-W				

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SCALE: 1"=100'

EXIST. ARDOT R/W
TO REMAIN
DO NOT ENTER
SCOTT HAMILTON DR
TO REMAIN
WRONG WAY
EXIST. ARDOT R/W
DO NOT ENTER
TO REMAIN
WRONG WAY
TO REMAIN
INTERSTATE DR
C.L. OF CONST. (I-30_134-W)
11000+00
435+00
PROPOSED CCTV (BY OTHERS) COVERAGE STA. 432+72 I-30 WB
I-30 WB
C.L. OF CONST. (I-30)
I-30 EB
440+00
I-30 FRONTAGE RD EB
EXIST. ARDOT R/W
STENGER RD
11005+00
RAMP I-30 134-W
445+00

WWDS-4.5" STEEL POLE (20')	1 EA
WWDS-SOLAR PANEL	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

NON-METALLIC CONDUIT (2")	15 LF

WWDS-BM CONTROLLER CAB 334	1 EA
WWDS-CELLULAR MODEM	1 EA
WWDS-NETWORK SWITCH	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

NON-METALLIC CONDUIT (2")	115 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	115 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	115 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-FLIR THERMAL SENSOR	2 EA
WWDS-AXIS CCTV CAMERA	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
WWDS-NETWORK CABLE, EXTERIOR	20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	80 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	80 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	80 LF

NON-METALLIC CONDUIT (2")	155 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	155 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	240 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	240 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

ITEM NUMBER	ITEM	204 I-30_134-W	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	630	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	860	LIN. FT.
710	NON-METALLIC CONDUIT (2")	800	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

LOCATION: EXIT 134 WB OFF RAMP TO I-30 FR
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	205	273
		WWDS I-30 PLAN SHEET I-30_135-E				

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DIGITALLY SIGNED 6/14/2023

N

0 50 100 150 200
SCALE: 1"=100'

475+00
C.L. OF CONST. (I-30)
EXIST. ARDOT R/W
12010+00
I-30 FRONTAGE RD EB
RAMP I-30 135-E
480+00
INTERSTATE DR
W 65TH ST
485+00
I-30 WB
I-30 EB
12005+00
12000+00
MATCHLINE 487+00
C.L. OF CONST. (I-30_135-E)

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 25 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 25 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 25 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 20 LF

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 45 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 45 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 305 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 305 LF

NON-METALLIC CONDUIT (2") 60 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 60 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

TO REMAIN
WRONG WAY
TO REMAIN
DO NOT ENTER
TO REMAIN
WRONG WAY
TO REMAIN
DO NOT ENTER
TO REMAIN

ITEM NUMBER	ITEM	205 I-30_135-E	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	475	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	180	LIN. FT.
710	NON-METALLIC CONDUIT (2")	585	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

THIS SITE HAS EXISTING CCTV COVERAGE AT STA. 498+90 I-30 WB (CAMERA #6030)

LOCATION: EXIT 135 EB OFF RAMP TO I-30 FR
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	206	273
		WWDS I-30 PLAN SHEET I-30_135-W				

ITEM NUMBER	ITEM	206 I-30_135-W	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	710	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	LIN. FT.
710	NON-METALLIC CONDUIT (2")	755	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

STATE OF ARKANSAS
Bryan P. Hubbard
LICENSED PROFESSIONAL ENGINEER
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BRYAN P. HUBBARD

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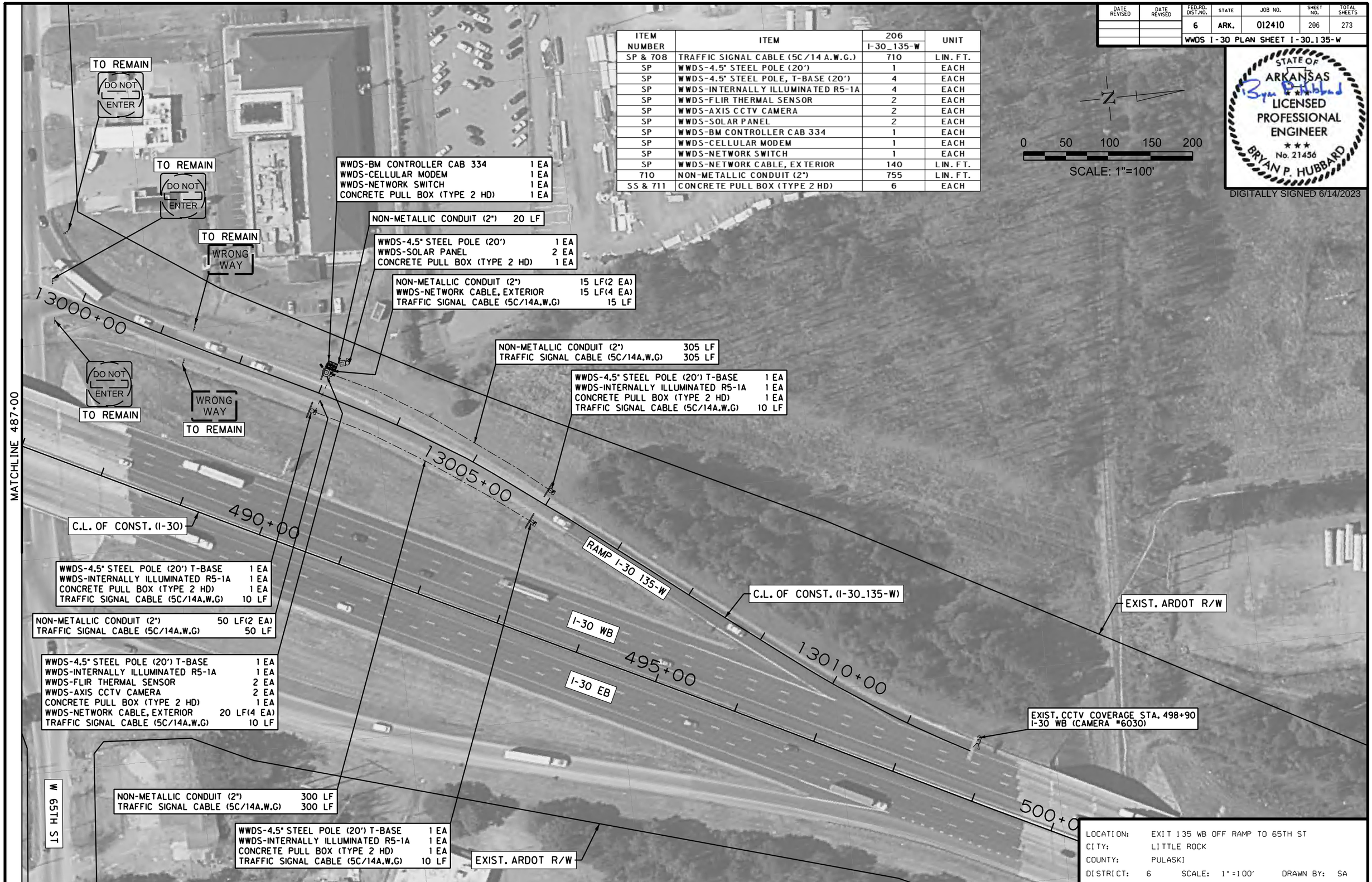

LOCATION: EXIT 135 WB OFF RAMP TO 65TH ST
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	207	273
		WWDS I-30 PLAN SHEET I-30_139A-E				

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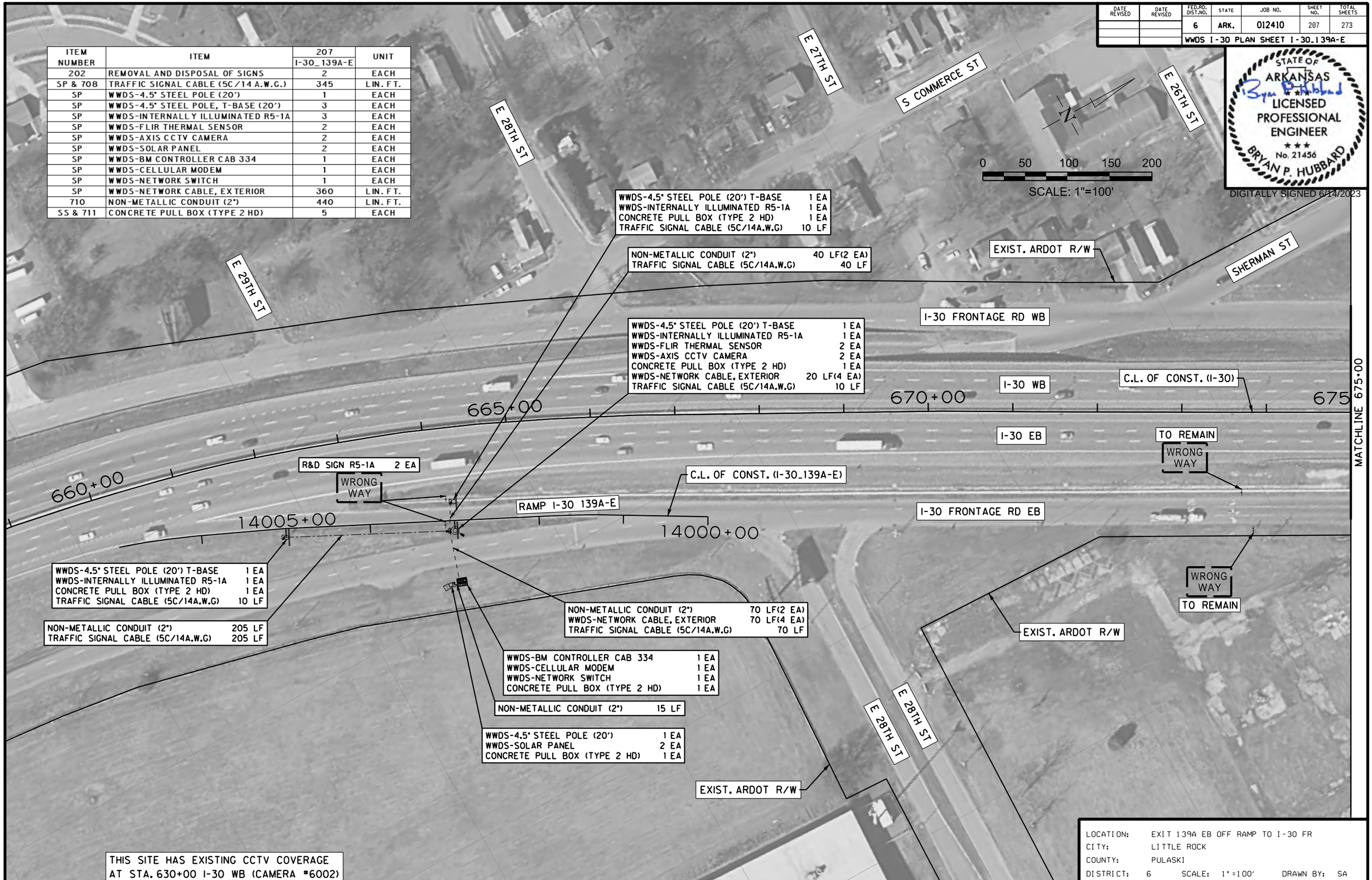
ITEM NUMBER	ITEM	207 I-30_139A-E	UNIT
202	REMOVAL AND DISPOSAL OF SIGNS	2	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	345	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	3	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	3	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	360	LIN. FT.
710	NON-METALLIC CONDUIT (2")	440	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	5	EACH



LOCATION: EXIT 139A EB OFF RAMP TO I-30 FR
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	208	273
		WWDS I-30 PLAN SHEET I-30_139A-W				

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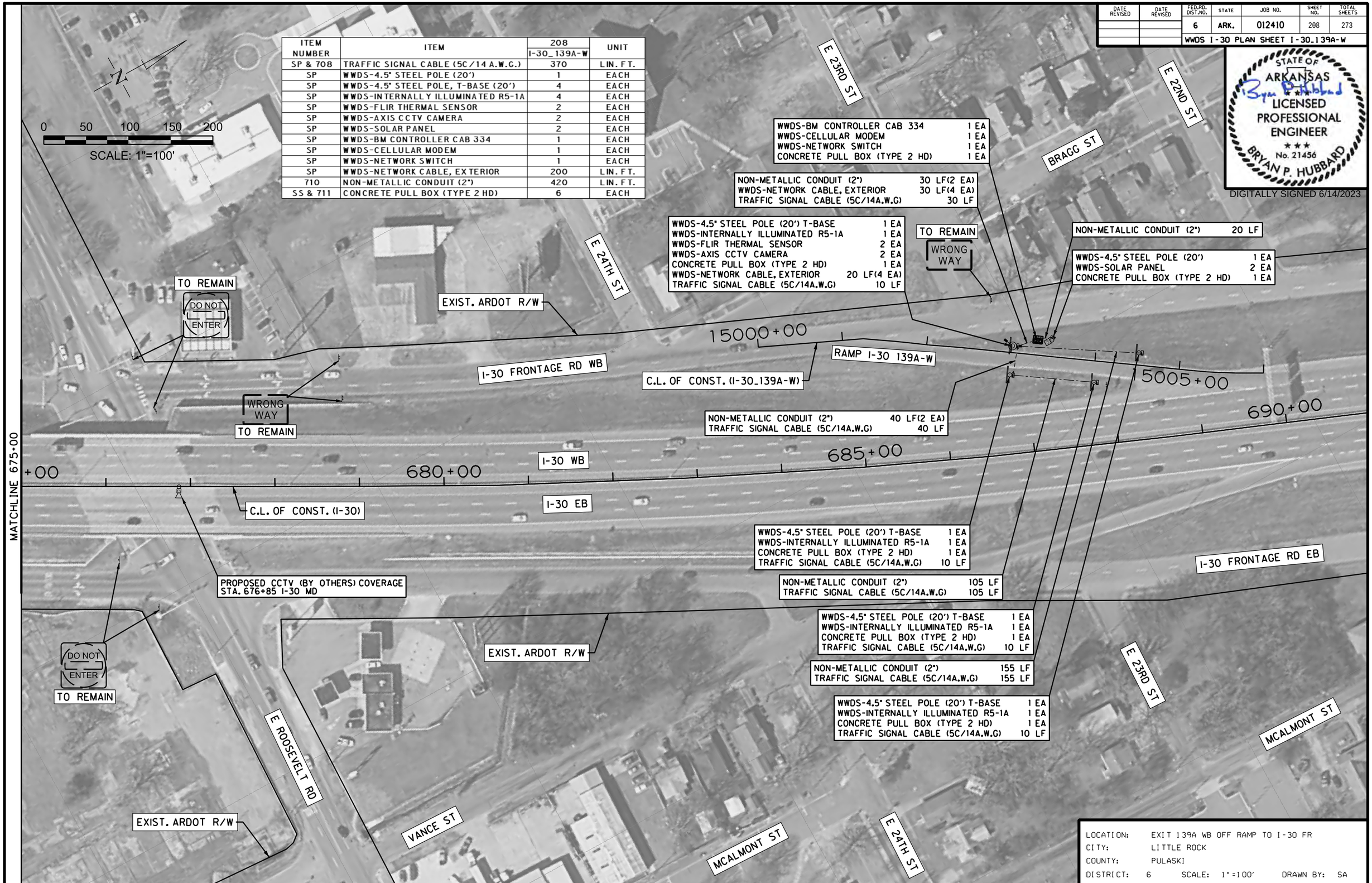
ITEM NUMBER	ITEM	208 I-30_139A-W	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	370	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	200	LIN. FT.
710	NON-METALLIC CONDUIT (2")	420	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH



LOCATION: EXIT 139A WB OFF RAMP TO I-30 FR
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	209	273
		WWDS QUANTITIES - I-630				

STATE OF ARKANSAS
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I-630 WWDS SUMMARY OF QUANTITIES

ITEM NUMBER	ITEM	210	211	212	213	214		215	216		217		218	219	UNIT
		I-630_8C-W	I-630_7-E	I-630_6B-E	I-630_6B-W	I-630_6A-E	I-630_6A-W	I-630_5_E	I-630_5B-W	I-630_5A-W	I-630_4-E	I-630_4-W	I-630_3B-E	I-630_3B-W	
202	REMOVAL AND DISPOSAL OF SIGNS		1			2					2		2		EACH
202	REMOVAL AND RELOCATION OF SIGN														EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	270	350	410	655	610	565	395	410	420	495	340	285	765	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	1	1	1	1	1	1	1	1	1	1	1	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	6	4	4	4	4	5	3	5	3	4	3	3	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	6	4	4	4	4	4	3	4	3	4	3	3	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	3	3	2	2	2	2	2	2	2	2	2	2	2	EACH
SP	WWDS-AXIS CCTV CAMERA	4	2	2	2	2	2	2	2	2	2	2	2	2	EACH
SP	WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET	3													EACH
SP	WWDS-SOLAR PANEL	2	2	2	2	2	2	2	2	2	2	2	2	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	1	1	1	1	1	1	1	1	1	1	1	1	EACH
SP	WWDS-PM CONTROLLER CAB 336S														EACH
SP	WWDS-CELLULAR MODEM	1	1	1	1	1	1	1	1	1	1	1	1	1	EACH
SP	WWDS-NETWORK SWITCH	2	1	1	1	1	1	1	1	1	1	1	1	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	1420	405	360	140	160	720	680	380	620	360	320	140	580	LIN. FT.
710	NON-METALLIC CONDUIT (2")	635	650	505	720	685	710	600	880	595	600	440	335	945	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	6	6	6	6	7	5	7	5	6	5	5	7	EACH
SP	TILT TOWER (40')														EACH
SS & 726	STANDARD SIGN								18	18				31.6	SQ. FT.
SP	PTZ CCTV CAMERA, SOLAR														EACH

ITEM NUMBER	ITEM	220	221	222	223	224	225		226		227	228	229	TOTAL QUANTITY	UNIT
		I-630_3A-E	I-630_3A-W	I-630_2B-E	I-630_2B-W	I-630_2A-E	I-630_2A-W	I-630_1.00-CCTV	I-630_1B-E	I-630_1A-E	I-630_1B-W	I-630_1A-W	I-630_1-E		
202	REMOVAL AND DISPOSAL OF SIGNS	2	2	2	2								2	17	EACH
202	REMOVAL AND RELOCATION OF SIGN													0	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	500	395	205	300	505	305		350	320	190	225	575	9840	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	1	1	1	1	1		1	1	1	1	1	24	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	3	4	4	3	5	5		3	4	3	4	4	94	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	3	4	4	3	5	4		3	4	3	4	4	91	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	2	2	2	2	2		2	2	2	2	2	50	EACH
SP	WWDS-AXIS CCTV CAMERA	2	2	2	2	2	2		2	2	2	2	2	50	EACH
SP	WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET			2						2	2	2		11	EACH
SP	WWDS-SOLAR PANEL	2	2	2	2	2	2	2	2	2	2	2	2	50	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	1	1	1	1	1		1	1	1	1	1	24	EACH
SP	WWDS-PM CONTROLLER CAB 336S							1						1	EACH
SP	WWDS-CELLULAR MODEM	1	1	1	1	1	1	1	1	1	1	1	1	25	EACH
SP	WWDS-NETWORK SWITCH	1	1	1	1	1	1		1	1	1	1	1	25	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	140	560	140	555	285		140	400	720	220	140	9725	LIN. FT.
710	NON-METALLIC CONDUIT (2")	545	430	350	355	950	665		415	390	345	250	610	13605	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	6	4	5	7	7		5	4	3	4	6	134	EACH
SP	TILT TOWER (40')							1						1	EACH
SS & 726	STANDARD SIGN					9	9							85.6	SQ. FT.
SP	PTZ CCTV CAMERA, SOLAR							1						1	EACH

LOCATION: ARKANSAS
CITY: VARIOUS
COUNTY: VARIOUS
DISTRICT: 6 SCALE: NTS DRAWN BY: TJS

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	210	273

WWDS I-630 PLAN SHEET I-630_8C-W

STATE OF ARKANSAS
Bryan P Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

N

0 50 100 150 200
SCALE: 1"=100'

S SHACKLEFORD RD

EXIST. ARDOT R/W

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 95 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 95 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-FLIR THERMAL SENSOR 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF

DUSK TILL DAWN OPERATION
WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

DUSK TILL DAWN OPERATION
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF
•BARRIER MOUNTED R5-1A
(SEE SIGN SUPPORT DETAILS)

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 25 LF

NON-METALLIC CONDUIT (2") 45 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 45 LF(6 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 45 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 140 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 140 LF(6 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 140 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 1 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(3 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 25 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 25 LF(3 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 25 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 1 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(3 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

•BARRIER MOUNTED R5-1A (SEE SIGN SUPPORT DETAILS)
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

1000+00 1005+00 1010+00 1015
345+00
+00 15+00 20+00 25+00
340+00

C.L. OF CONST. (I-630_8C-W)
C.L. OF CONST. (I-630)
C.L. OF CONST. (I-430)

I-630 WB
I-630 EB
RAMP I-630_8C-W
I-430 SB
I-430 NB

ITEM NUMBER	ITEM	210 I-630_8C-W	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	270	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	6	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	6	EACH
SP	WWDS-FLIR THERMAL SENSOR	3	EACH
SP	WWDS-AXIS CCTV CAMERA	4	EACH
SP	WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET	3	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	2	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	1420	LIN. FT.
710	NON-METALLIC CONDUIT (2")	635	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

THIS SITE HAS PROPOSED CCTV (BY OTHERS)
COVERAGE AT STA. 47+25 I-630 WB

LOCATION: I-630 WB OFF RAMP TO S SHACKLEFORD RD
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	211	273
		WWDS I-630 PLAN SHEET I-630_7-E				

STATE OF ARKANSAS
Bryan Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

I-630 WB
I-630 EB
40+00
45+00
50+00
C.L. OF CONST. (I-630)
C.L. OF CONST. (I-630_7-E)
RAMP I-630_7-E
2005+00
2000+00
EXIST. ARDOT R/W
LILE DR
BAPTIST HEALTH DR

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 30 LF

NON-METALLIC CONDUIT (2") 15 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 15 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 15 LF

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 45 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 45 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 45 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

WRONG WAY
R&D SIGN R5-1A 1 EA

NON-METALLIC CONDUIT (2") 200 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 200 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 200 LF

NON-METALLIC CONDUIT (2") 50 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 50 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

WRONG WAY
TO REMAIN

DO NOT ENTER
TO REMAIN

EXIST. ARDOT R/W
EXIST. ARDOT R/W
EXIST. ARDOT R/W

THIS SITE HAS PROPOSED CCTV (BY OTHERS) COVERAGE AT STA. 47+25 I-630 WB

N

0 50 100 150 200
SCALE: 1"=100'

ITEM NUMBER	ITEM	211 I-630_7-E	UNIT
202	REMOVAL AND DISPOSAL OF SIGNS	1	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	350	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	3	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	405	LIN. FT.
710	NON-METALLIC CONDUIT (2")	650	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

LOCATION: EXIT 7 OFF RAMP TO BAPTIST HOSPITAL
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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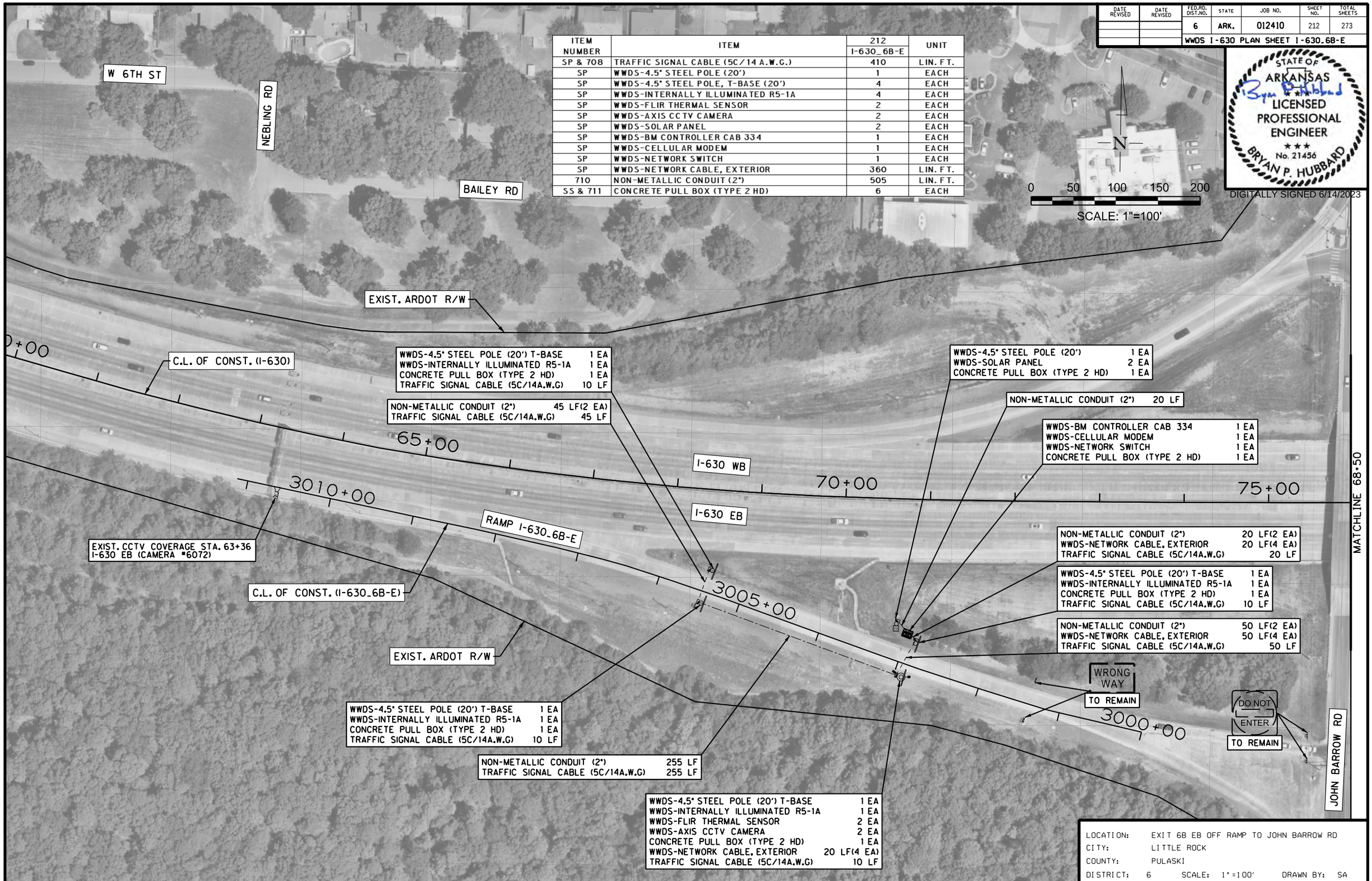
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	212	273

WWDS I-630 PLAN SHEET I-630_6B-E

STATE OF ARKANSAS
Bryan P. Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023

ITEM NUMBER	ITEM	212 I-630_6B-E	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	410	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	360	LIN. FT.
710	NON-METALLIC CONDUIT (2")	505	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH



LOCATION: EXIT 6B EB OFF RAMP TO JOHN BARROW RD
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	213	273
		WWDS I-630 PLAN SHEET I-630_6B-W				

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

JOHN BARROW RD

TO REMAIN
DO NOT ENTER

TO REMAIN
WRONG WAY

4000+00

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 260 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 260 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

N

0 50 100 150 200
SCALE: 1"=100'

NON-METALLIC CONDUIT (2") 70 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 70 LF

RAMP I-630_6B-W

4005+00

EXIST. CCTV COVERAGE STA. 85+72
I-630 WB (CAMERA #6080)

EXIST. ARDOT R/W

4010+00

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

C.L. OF CONST. (I-630_6B-W)

MATCHLINE 68+50

80+00

85+00

I-630 WB

90+00

I-630 EB

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

C.L. OF CONST. (I-630)

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 20 LF

NON-METALLIC CONDUIT (2") 270 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 270 LF

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 15 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 15 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 15 LF

EXIST. ARDOT R/W

ITEM NUMBER	ITEM	213 I-630_6B-W	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	655	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	LIN. FT.
710	NON-METALLIC CONDUIT (2")	720	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

LOCATION: EXIT 6B WB OFF RAMP TO JOHN BARROW RD
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	214	273
		WWDS I-630 PLAN SHEET I-630_6A-E/6A-W				

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

S MISSISSIPPI
QUACHITA CIR
FLAG RD
MARGUERITE LN
KANIS PARK RD
S RODNEY PARHAM RD
RAMP I-630_6A-W
RAMP I-630_6A-E
I-630 WB
I-630 EB
EXIST. ARDOT R/W
EXIST. CCTV COVERAGE STA. 129+14 I-630 WB (CAMERA #6081)
C.L. OF CONST. (I-630_6A-W)
C.L. OF CONST. (I-630_6A-E)
C.L. OF CONST. (I-630)
TO REMAIN
WRONG WAY
DO NOT ENTER
6000+00
6005+00
6010+00
5010+00
5005+00
5000+00
115+00
120+00
125+00
130+00

0 50 100 150 200
SCALE: 1"=100'

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 55 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 55 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)

NON-METALLIC CONDUIT (2") 65 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 65 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 65 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 155 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 155 LF

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 25 LF

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 155 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 155 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 95 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 95 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 95 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 215 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 215 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 75 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 75 LF

R&D SIGN R5-1A 1 EA

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 260 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 260 LF

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 20 LF

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 20 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 20 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

R&D SIGN R5-1A 1 EA

ITEM NUMBER	ITEM	214		UNIT
		I-630_6A-E	I-630_6A-W	
202	REMOVAL AND DISPOSAL OF SIGNS	2	0	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	610	565	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	5	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	2	EACH
SP	WWDS-SOLAR PANEL	2	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	1	EACH
SP	WWDS-CELLULAR MODEM	1	1	EACH
SP	WWDS-NETWORK SWITCH	1	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	160	720	LIN. FT.
710	NON-METALLIC CONDUIT (2")	685	710	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	7	EACH

LOCATION: EXIT 6A EB/WB TO S RODNEY PARHAM RD
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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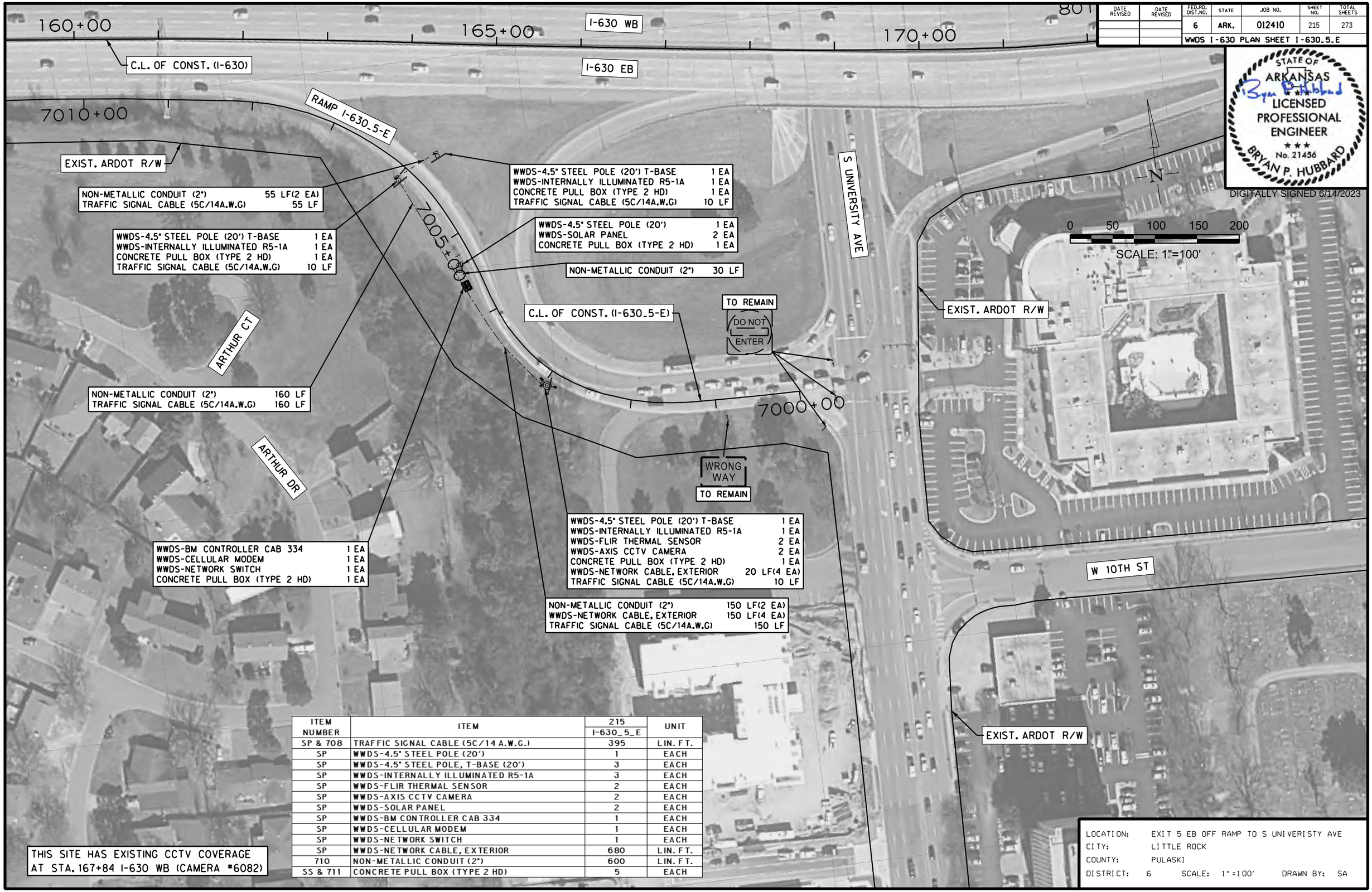
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	215	273

WWDS I-630 PLAN SHEET I-630_5_E

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023



ITEM NUMBER	ITEM	215 I-630_5_E	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	395	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	3	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	3	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	680	LIN. FT.
710	NON-METALLIC CONDUIT (2")	600	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	5	EACH

THIS SITE HAS EXISTING CCTV COVERAGE AT STA. 167+84 I-630 WB (CAMERA #6082)

LOCATION: EXIT 5 EB OFF RAMP TO S UNIVERISTY AVE
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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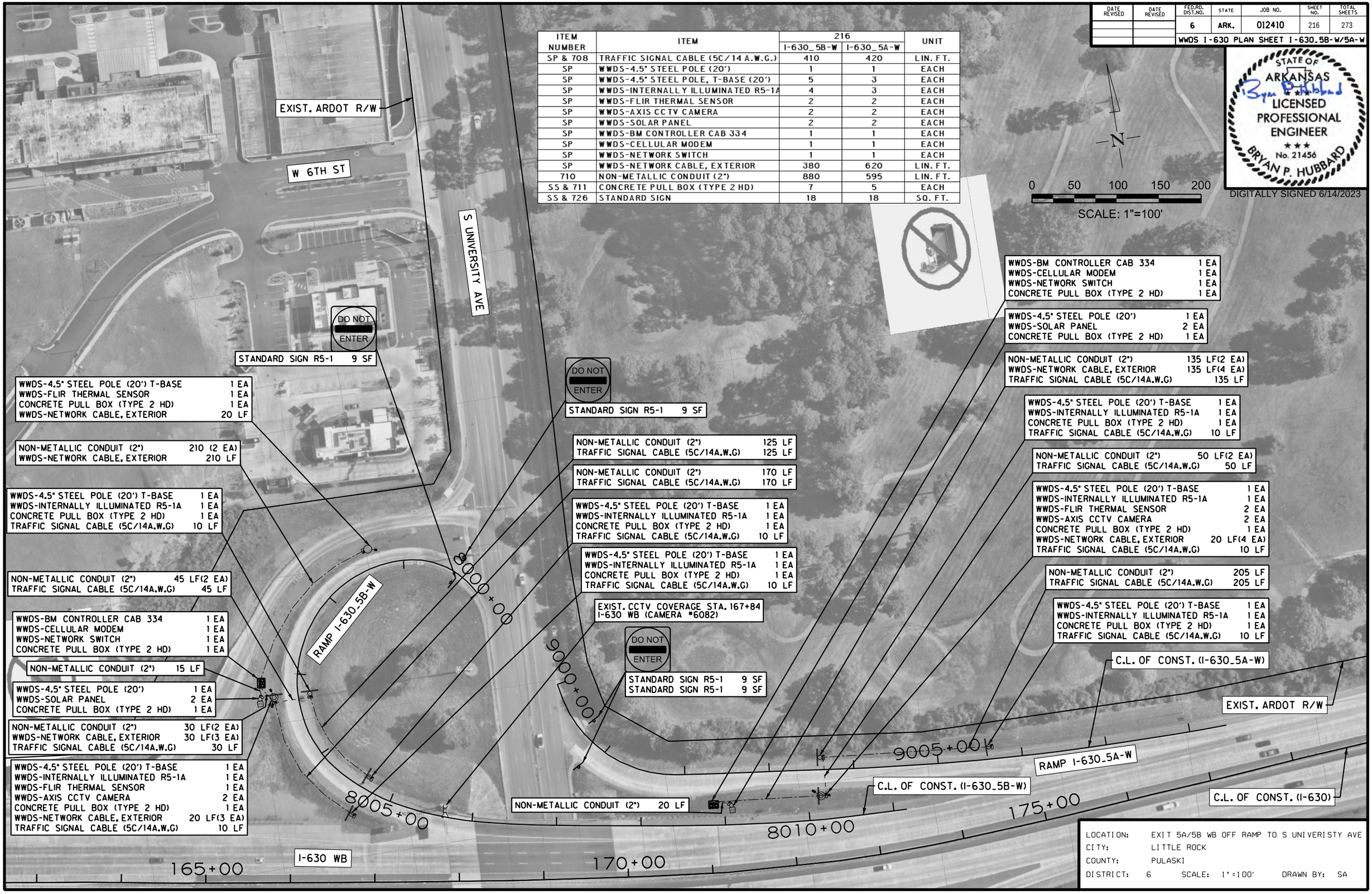
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	216	273
		WWDS I-630 PLAN SHEET I-630_5B-W/5A-W				

ITEM NUMBER	ITEM	216		UNIT
		I-630_5B-W	I-630_5A-W	
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	410	420	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	5	3	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	3	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	2	EACH
SP	WWDS-SOLAR PANEL	2	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	1	EACH
SP	WWDS-CELLULAR MODEM	1	1	EACH
SP	WWDS-NETWORK SWITCH	1	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	380	620	LIN. FT.
710	NON-METALLIC CONDUIT (2")	880	595	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	7	5	EACH
SS & 726	STANDARD SIGN	18	18	SQ. FT.



STATE OF ARKANSAS
Bryan P Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

LOCATION: EXIT 5A/5B WB OFF RAMP TO S UNIVERISTY AVE
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	217	273
		WWDS I-630 PLAN SHEET I-630_4-E/4-W				

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

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SCALE: 1"=100'

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 25 LF

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

EXIST. ARDOT R/W

NON-METALLIC CONDUIT (2") 70 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 70 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 70 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 135 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 135 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

C.L. OF CONST. (I-630)

185+00

RAMP I-630_4-E

10005+00

EXIST. ARDOT R/W

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 60 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 60 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 60 LF

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

TO REMAIN
DO NOT ENTER

TO REMAIN
WRONG WAY

11000+00

RAMP I-630_4-W

C.L. OF CONST. (I-630_4-E)

190+00

TO REMAIN
DO NOT ENTER

10000+00

NON-METALLIC CONDUIT (2") 50 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 50 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

WRONG WAY

R&D SIGN R5-1A 2 EA

NON-METALLIC CONDUIT (2") 200 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 200 LF

EXIST. ARDOT R/W

MARYLAND ST

FAIR PARK BLVD

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

THIS SITE HAS EXISTING EB CCTV COVERAGE AT STA. 167+84 I-630 WB (CAMERA #6082)

MARIETTA CT

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 50 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 50 LF

NON-METALLIC CONDUIT (2") 200 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 200 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

C.L. OF CONST. (I-630_4-W)

11005+00

EXIST. CCTV COVERAGE STA. 196+91 I-630 WB (CAMERA #6084)

195+00

I-630 WB

NON-METALLIC CONDUIT (2") 20 LF

I-630 EB

W 8TH ST

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

S TYLER ST

MARYLAND AVE

ITEM NUMBER	ITEM	217		UNIT
		I-630_4-E	I-630_4-W	
202	REMOVAL AND DISPOSAL OF SIGNS	2	0	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	495	340	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	3	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	3	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	2	EACH
SP	WWDS-SOLAR PANEL	2	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	1	EACH
SP	WWDS-CELLULAR MODEM	1	1	EACH
SP	WWDS-NETWORK SWITCH	1	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	360	320	LIN. FT.
710	NON-METALLIC CONDUIT (2")	600	440	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	5	EACH

LOCATION: EXIT 4 EB/WB OFF RAMP TO FAIR PARK BLVD
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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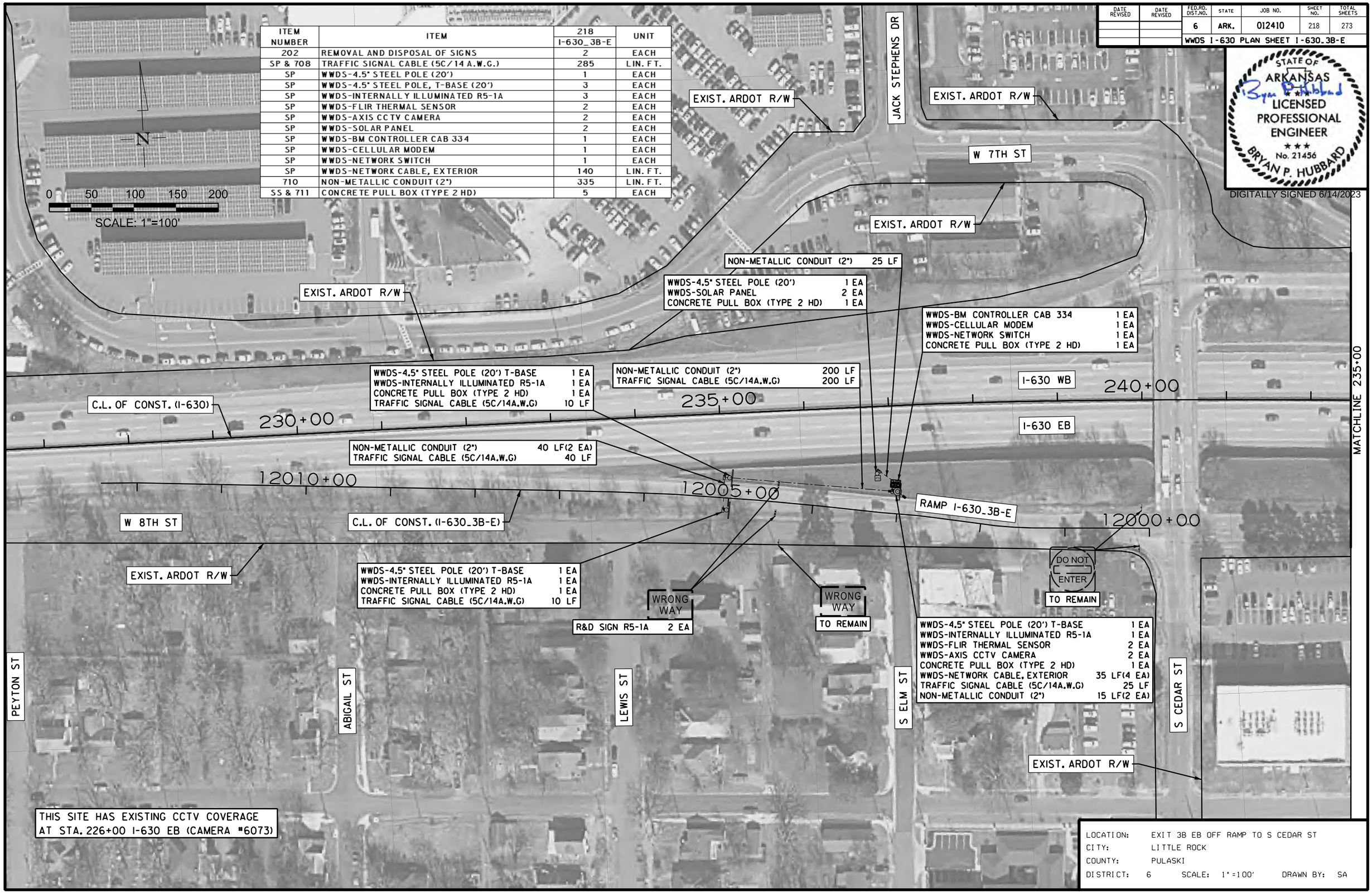
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	218	273

WWDS I-630 PLAN SHEET I-630_3B-E

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023

ITEM NUMBER	ITEM	218 I-630_3B-E	UNIT
202	REMOVAL AND DISPOSAL OF SIGNS	2	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	285	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	3	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	3	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	LIN. FT.
710	NON-METALLIC CONDUIT (2")	335	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	5	EACH



LOCATION: EXIT 3B EB OFF RAMP TO S CEDAR ST
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	219	273
		WWDS I-630 PLAN SHEET I-630_3B-W				

STATE OF ARKANSAS
Bryan P Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

N

0 50 100 150 200
SCALE: 1"=100'

EXIST. ARDOT R/W

DO NOT ENTER / ONE WAY

STANDARD SIGN R5-1 9 SF
STANDARD SIGN R6-1L 6.80 SF
STANDARD SIGN R6-1R 6.80 SF

S OAK ST

CONCRETE PULL BOX (TYPE 2 HD) 1 EA
NON-METALLIC CONDUIT (2") 80 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 80 LF

S MAPLE ST

NON-METALLIC CONDUIT (2") 105 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 105 LF

S VALENTINE ST

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

UAMS BLVD

W 7TH ST

TO REMAIN
WRONG WAY

NON-METALLIC CONDUIT (2") 220 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 220 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

LAMAR ST

13000+00

RAMP I-630_3B-W

13005+00

C.L. OF CONST. (I-630_3B-W)

EXIST. ARDOT R/W

VALMAR ST

DO NOT ENTER / ONE WAY

TO REMAIN

STANDARD SIGN R5-1 9 SF

245+00

250+00

255+00

I-630 WB

MATCHLINE 235+00

S PINE ST

C.L. OF CONST. (I-630)

I-630 EB

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

W 8TH ST

NON-METALLIC CONDUIT (2") 195 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 195 LF

EXIST. ARDOT R/W

NON-METALLIC CONDUIT (2") 125 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 125 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 125 LF

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 15 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

EXIST. ARDOT R/W

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

S MAPLE ST

MARYLAND AVE

S OAK ST

THIS SITE HAS EXISTING CCTV COVERAGE AT STA. 264+85 I-630 EB (CAMERA *6074)

ITEM NUMBER	ITEM	219 I-630_3B-W	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	765	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	580	LIN. FT.
710	NON-METALLIC CONDUIT (2")	945	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	7	EACH
SS & 726	STANDARD SIGN	31.6	SQ. FT.

LOCATION: EXIT 3B WB OFF RAMP TO S PINE ST
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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ITEM NUMBER	ITEM	220 I-630_3A-E	UNIT
202	REMOVAL AND DISPOSAL OF SIGNS	2	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	500	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	3	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	3	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	LIN. FT.
710	NON-METALLIC CONDUIT (2")	545	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	220	273
		WWDS I-630 PLAN SHEET I-630_3A-E				

STATE OF ARKANSAS
Bryan Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

0 50 100 150 200
SCALE: 1"=100'

N

JOHNSON ST
S BOOKER ST
LAMAR ST
EXIST. ARDOT R/W
C.L. OF CONST (I-630)
265+00
I-630 WB
I-630 EB
270+00
275+00
14010+00
14005+00
14000+00
EXIST. CCTV COVERAGE STA. 264+85 I-630 EB (CAMERA #6074)
W 8TH ST
RAMP I-630_3A-E
C.L. OF CONST. (I-630_3A-E)
S WOODROW ST
MATCHLINE 269+50
S BROWN ST
ALLIS ST
JOHNSON ST
MARYLAND AVE
EXIST. ARDOT R/W
EXIST. ARDOT R/W
EXIST. ARDOT R/W
S BOOKER ST
TO REMAIN
DO NOT ENTER
WRONG WAY

NON-METALLIC CONDUIT (2") 45 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 45 LF

NON-METALLIC CONDUIT (2") 200 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 200 LF

NON-METALLIC CONDUIT (2") 200 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 200 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 25 LF

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 35 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 25 LF
NON-METALLIC CONDUIT (2") 15 LF(2 EA)

R&D SIGN R5-1A 2 EA

LOCATION: EXIT 3A EB OFF RAMP TO WOODROW ST
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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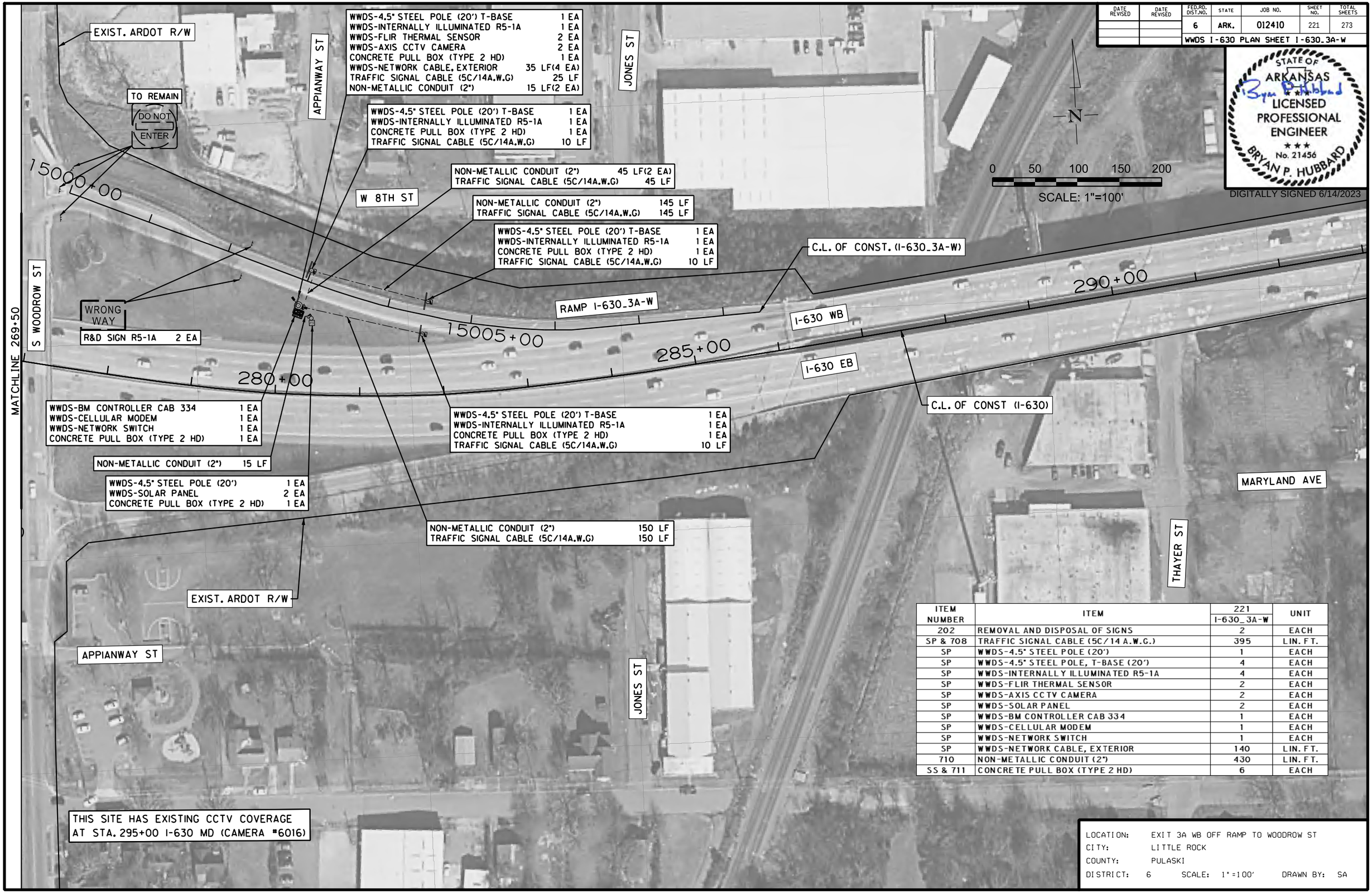
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	221	273

WWDS I-630 PLAN SHEET I-630_3A-W

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023



ITEM NUMBER	ITEM	221 I-630_3A-W	UNIT
202	REMOVAL AND DISPOSAL OF SIGNS	2	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	395	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	LIN. FT.
710	NON-METALLIC CONDUIT (2")	430	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

LOCATION: EXIT 3A WB OFF RAMP TO WOODROW ST
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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ARDOT_CLR_PENTABLE- HWY176Y.tbl
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6/13/2023

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	222	273
		WWDS I-630 PLAN SHEET I-630_2B-E				

STATE OF ARKANSAS
Bryan P Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

S SCHILLER ST
S SUMMIT ST
WOLFE ST
EXIST. ARDOT R/W
W 7TH ST
N
0 50 100 150 200
SCALE: 1"=100'
EXIST. ARDOT R/W
WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF
C.L. OF CONST. (I-630)
NON-METALLIC CONDUIT (2") 45 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 45 LF
WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF
310+00
315+00
320+00
305+00
I-630 WB
I-630 EB
R&D SIGN R5-1A 2 EA
WRONG WAY
TO REMAIN
DO NOT ENTER
TO REMAIN
DO NOT ENTER
RAMP I-630_2B-E
16005+00
16010+00
16015+00
16000+00
C.L. OF CONST. (I-630_2B-E)
W 8TH ST
EXIST. ARDOT R/W
EXIST. ARDOT R/W
WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF
NON-METALLIC CONDUIT (2") 120 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 120 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 120 LF
WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
NON-METALLIC CONDUIT (2") 20 LF
WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
MARSHALL ST
S BATTERY ST
EXIST. ARDOT R/W
MARYLAND AVE
WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

ITEM NUMBER	ITEM	222 I-630_2B-E	UNIT
202	REMOVAL AND DISPOSAL OF SIGNS	2	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	205	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	560	LIN. FT.
710	NON-METALLIC CONDUIT (2")	350	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	4	EACH

THIS SITE HAS EXISTING CCTV COVERAGE AT STA. 295+00 I-630 MD (CAMERA #6016)

LOCATION: EXIT 2B EB OFF RAMP TO MARSHALL ST
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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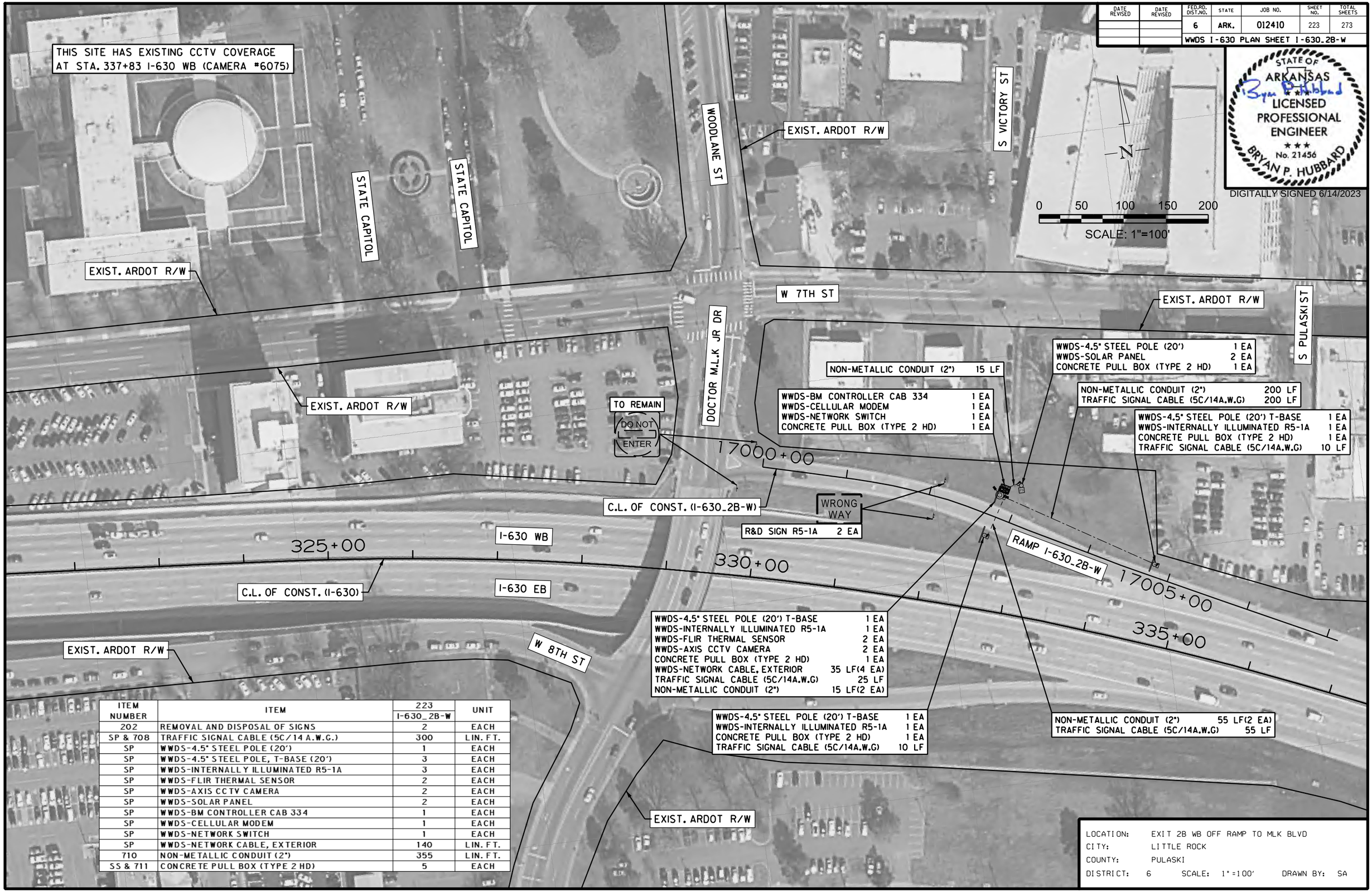
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	223	273

WWDS I-630 PLAN SHEET I-630_2B-W

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023



ITEM NUMBER	ITEM	223 I-630_2B-W	UNIT
202	REMOVAL AND DISPOSAL OF SIGNS	2	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	300	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	3	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	3	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	LIN. FT.
710	NON-METALLIC CONDUIT (2")	355	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	5	EACH

LOCATION: EXIT 2B WB OFF RAMP TO MLK BLVD
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	224	273
		WWDS I-630 PLAN SHEET I-630_2A-E				

STATE OF ARKANSAS
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340+00 345+00 350+00

I-630 WB

I-630 EB

C.L. OF CONST (I-630)

C.L. OF CONST. (I-630_2A-E)

RAMP I-630_2A-E

18005+00

18000+00

N

0 50 100 150 200

SCALE: 1"=100'

W 9TH ST

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	180 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	180 LF

NON-METALLIC CONDUIT (2")	215 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	215 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-FLIR THERMAL SENSOR	1 EA
WWDS-AXIS CCTV CAMERA	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
WWDS-NETWORK CABLE, EXTERIOR	20 LF(3 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	195 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	195 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-FLIR THERMAL SENSOR	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
WWDS-NETWORK CABLE, EXTERIOR	20 LF

WWDS-4.5" STEEL POLE (20')	1 EA
WWDS-SOLAR PANEL	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
NON-METALLIC CONDUIT (2")	25 LF

WWDS-BM CONTROLLER CAB 334	1 EA
WWDS-CELLULAR MODEM	1 EA
WWDS-NETWORK SWITCH	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

NON-METALLIC CONDUIT (2")	20 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	20 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	50 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	50 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	50 LF

WRONG WAY
TO REMAIN

TO REMAIN
DO NOT ENTER

EXIST. ARDOT R/W

DO NOT ENTER
STANDARD SIGN R5-1 9 SF

EXIST. ARDOT R/W

W 10TH ST

S PULASKI ST

S CROSS ST

S RINGS ST

W 11TH ST

S CHESTER ST

S IZARD ST

W 12TH ST

THIS SITE HAS EXISTING CCTV COVERAGE AT STA. 337+83 I-630 WB (CAMERA #6075)

ITEM NUMBER	ITEM	224 I-630_2A-E	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	505	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	5	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	5	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	555	LIN. FT.
710	NON-METALLIC CONDUIT (2")	950	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	7	EACH
SS & 726	STANDARD SIGN	9	SQ. FT.

LOCATION: EXIT 2A EB OFF RAMP TO CHESTER ST
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	225	273

WWDS I-630 PLAN SHEET I-630_2A-W/1.00-CCTV

ITEM NUMBER	ITEM	225		UNIT
		I-630_2A-W	I-630_1.00-CCTV	
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	305	0	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	0	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	5	0	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	0	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	0	EACH
SP	WWDS-AXIS CCTV CAMERA	2	0	EACH
SP	WWDS-SOLAR PANEL	2	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	0	EACH
SP	WWDS-PM CONTROLLER CAB 336S	0	1	EACH
SP	WWDS-CELLULAR MODEM	1	1	EACH
SP	WWDS-NETWORK SWITCH	1	0	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	285	0	LIN. FT.
710	NON-METALLIC CONDUIT (2")	665	0	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	7	0	EACH
SP	TILT TOWER (40')	0	1	EACH
SS & 726	STANDARD SIGN	9	0	SQ. FT.
SP	PTZ CCTV CAMERA, SOLAR	0	1	EACH

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

0 50 100 150 200
SCALE: 1"=100'

EXIST. ARDOT R/W
S CHESTER ST
W 7TH ST
S RINGO ST
EXIST. ARDOT R/W
W 8TH ST
S GAINES ST
EXIST. ARDOT R/W
S STATE ST
S IZARD ST
W 9TH ST
W 9TH ST

TO REMAIN
DO NOT ENTER
TO REMAIN
WRONG WAY
DO NOT ENTER
STANDARD SIGN R5-1 9 SF

19000+00
19005+00
345+00
350+00
C.L. OF CONST (I-630)
C.L. OF CONST. (I-630_2A-W)
RAMP I-630_2A-W
I-630 WB
I-630 EB

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-FLIR THERMAL SENSOR	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
WWDS-NETWORK CABLE, EXTERIOR	20 LF

NON-METALLIC CONDUIT (2")	160 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	160 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-FLIR THERMAL SENSOR	1 EA
WWDS-AXIS CCTV CAMERA	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
WWDS-NETWORK CABLE, EXTERIOR	35 LF(3 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	25 LF
NON-METALLIC CONDUIT (2")	15 LF(2 EA)

WWDS-BM CONTROLLER CAB 334	1 EA
WWDS-CELLULAR MODEM	1 EA
WWDS-NETWORK SWITCH	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

WWDS-4.5" STEEL POLE (20')	1 EA
WWDS-SOLAR PANEL	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
NON-METALLIC CONDUIT (2")	20 LF

NON-METALLIC CONDUIT (2")	125 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	125 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	45 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	45 LF

NON-METALLIC CONDUIT (2")	80 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	80 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

PROPOSED CCTV I-630 1.00-CCTV, (34.740531 N,-92.280225 W)	
PTZ CCTV CAMERA, SOLAR	1 EA
TILT TOWER (40')	1 EA
WWDS-SOLAR PANEL	2 EA
WWDS-PM CONTROLLER CAB 336S	1 EA
WWDS-CELLULAR MODEM	1 EA

LOCATION: EXIT 2A WB OFF RAMP TO CHESTER ST
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	226	273
		WWDS I-630 PLAN SHEET I-630_1B-E/1A-E				

THIS SITE HAS PROPOSED CCTV COVERAGE AT STA. 356+25 I-630 WB

ITEM NUMBER	ITEM	226 I-630_1B-E	226 I-630_1A-E	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	350	320	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	3	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	3	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	2	EACH
SP	WWDS-POLE TOP SELF-CONTAINED SOLAR CABINE	0	2	EACH
SP	WWDS-SOLAR PANEL	2	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	1	EACH
SP	WWDS-CELLULAR MODEM	1	1	EACH
SP	WWDS-NETWORK SWITCH	1	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	400	LIN. FT.
710	NON-METALLIC CONDUIT (2")	415	390	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	5	4	EACH

STATE OF ARKANSAS
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LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

0 50 100 150 200
SCALE: 1"=100'

S ARCH ST
W 9TH ST
EXIST. ARDOT R/W
EXIST. ARDOT R/W
S SPRING ST
W 10TH ST
CENTER ST
W 11TH ST
S GAINES ST
EXIST. ARDOT R/W
EXIST. ARDOT R/W
BROADWAY ST
S SPRING ST
W 12TH ST

NON-METALLIC CONDUIT (2") 30 LF
WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 80 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 80 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 80 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 200 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 200 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 250 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 250 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

C.L. OF CONST. (I-630)
360+00
I-630 WB
365+00
370+00
I-630 EB
TO REMAIN
WRONG WAY
20005+00
RAMP I-630_1B-E
20000+00
DO NOT ENTER
TO REMAIN
21005+00
RAMP I-630_1A-E
TO REMAIN
WRONG WAY
21000+00
C.L. OF CONST. (I-630_1B-E)
C.L. OF CONST. (I-630_1A-E)
DO NOT ENTER
TO REMAIN
DO NOT ENTER
TO REMAIN
DO NOT ENTER
TO REMAIN

NON-METALLIC CONDUIT (2") 55 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 55 LF

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 15 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 15 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 15 LF

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 25 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

LOCATION: EXIT 1A / 1B EB TO CENTER ST / US 70
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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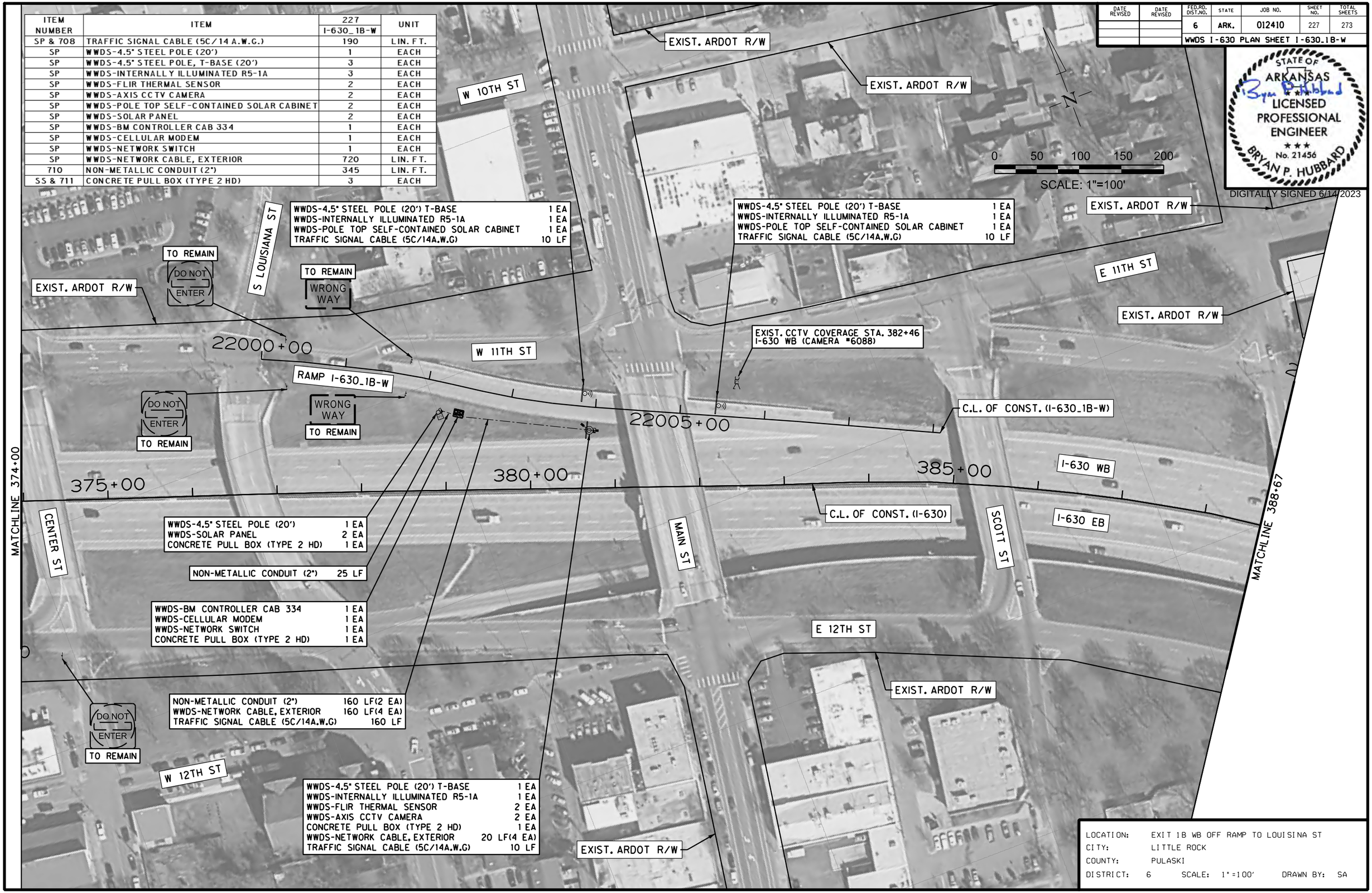
ITEM NUMBER	ITEM	227 I-630_1B-W	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	190	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	3	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	3	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	720	LIN. FT.
710	NON-METALLIC CONDUIT (2")	345	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	3	EACH

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	227	273

WWDS I-630 PLAN SHEET I-630_1B-W

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023



LOCATION: EXIT 1B WB OFF RAMP TO LOUISINA ST
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	228	273
		WWDS I-630 PLAN SHEET I-630_1A-W				

STATE OF ARKANSAS
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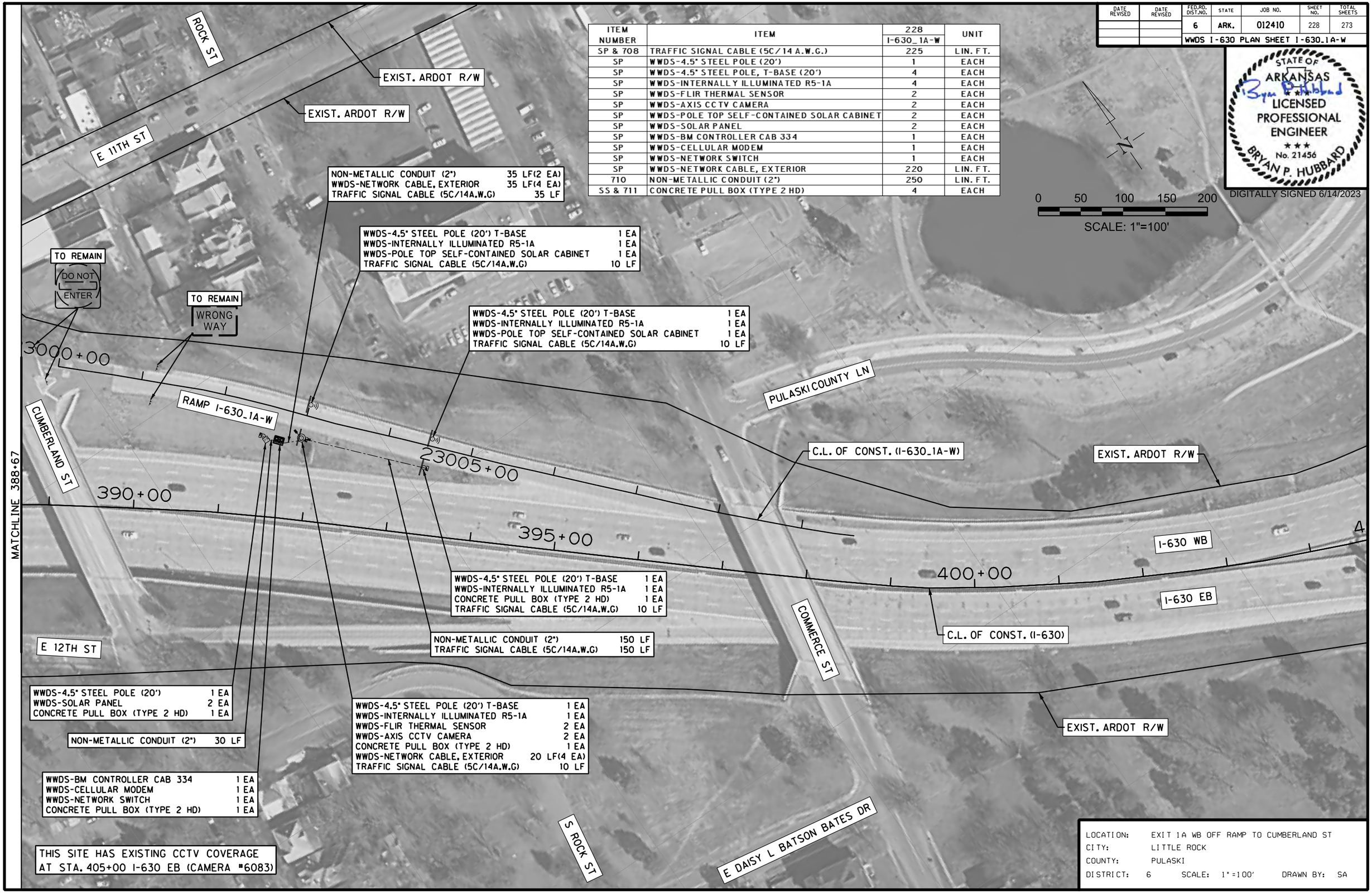
ITEM NUMBER	ITEM	228 I-630_1A-W	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	225	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	220	LIN. FT.
710	NON-METALLIC CONDUIT (2")	250	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	4	EACH



THIS SITE HAS EXISTING CCTV COVERAGE AT STA. 405+00 I-630 EB (CAMERA #6083)

LOCATION: EXIT 1A WB OFF RAMP TO CUMBERLAND ST
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	229	273
		WWDS I-630 PLAN SHEET I-630_1-E				

STATE OF ARKANSAS
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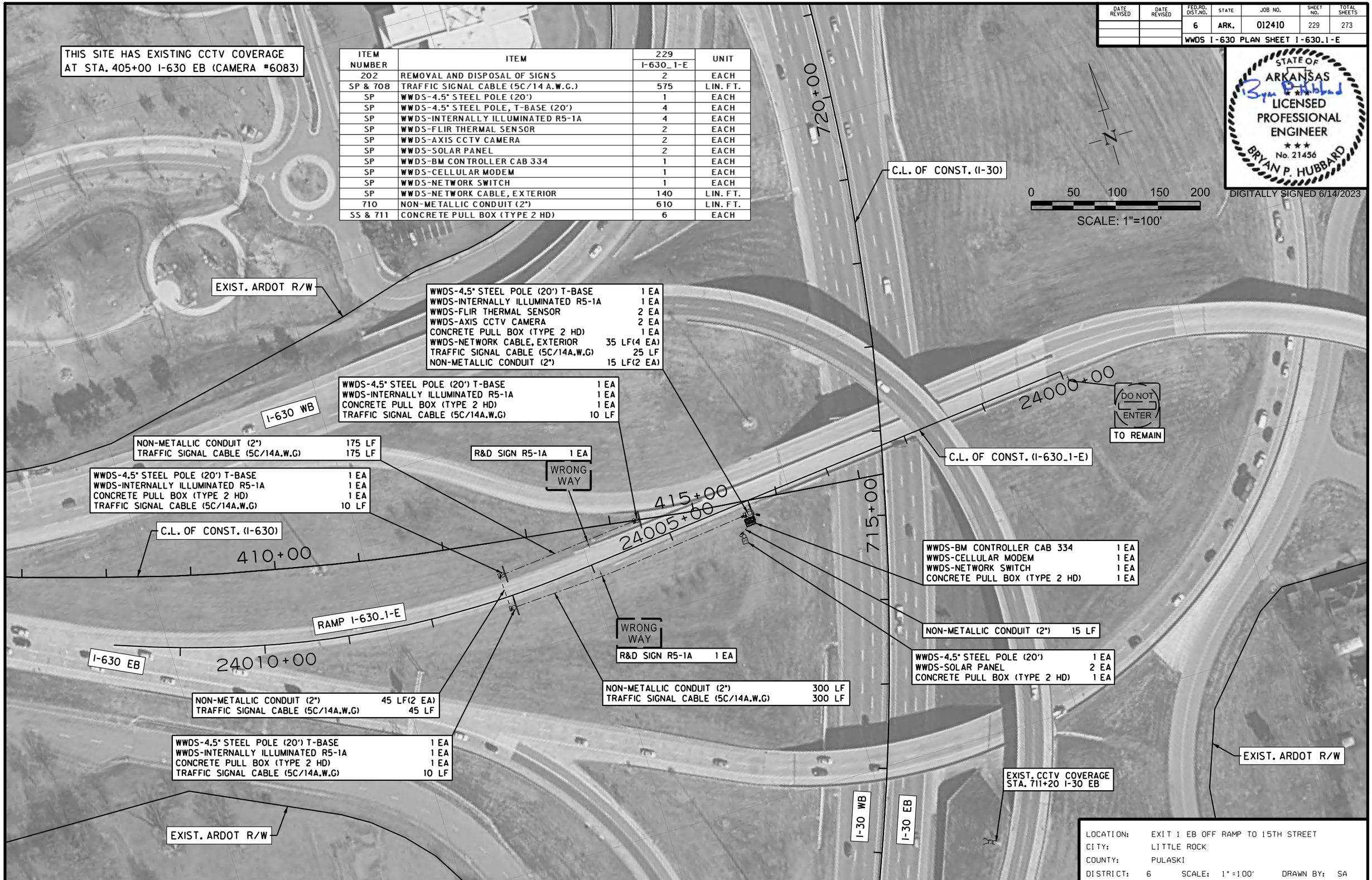

ITEM NUMBER	ITEM	229 I-630_1-E	UNIT
202	REMOVAL AND DISPOSAL OF SIGNS	2	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	575	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	LIN. FT.
710	NON-METALLIC CONDUIT (2")	610	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

LOCATION: EXIT 1 EB OFF RAMP TO 15TH STREET
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	230	273
		WWDS QUANTITIES - US-67				

DIGITALLY SIGNED 6/14/2023

US-67 WWDS SUMMARY OF QUANTITIES

ITEM NUMBER	ITEM	231	232	233		234		235	236	237	TOTAL QUANTITY	UNIT
		US-67_1A-N	US-67_1B-N	US-67_2-N	US-67_1-S	US-67_3-N	US-67_3-S	US-67_4-N	US-67_5-N	US-67_5-S		
202	REMOVAL AND DISPOSAL OF SIGNS	2	1			2					5	EACH
202	REMOVAL AND RELOCATION OF SIGN								1	1	2	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	720	290	60	60	670	600	615	840	575	4430	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	1	1	1	1	1	1	1	1	9	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	4	4	4	4	3	4	4	3	34	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	3	4	4	3	3	4	4	3	32	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	3	2	2	3	2	2	2	2	20	EACH
SP	WWDS-AXIS CCTV CAMERA	2	2	2	2	2	2	2	2	2	18	EACH
SP	WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET			3	3						6	EACH
SP	WWDS-SOLAR PANEL	2	2	2	2	2	2	2	2	2	18	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	1			1	1	1	1	1	7	EACH
SP	WWDS-PM CONTROLLER CAB 336S			1	1						2	EACH
SP	WWDS-CELLULAR MODEM	1	1	1	1	1	1	1	1	1	9	EACH
SP	WWDS-NETWORK SWITCH	1	1	1	1	1	1	1	1	1	9	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	615	160	160	670	400	1100	1060	1120	5425	LIN. FT.
710	NON-METALLIC CONDUIT (2")	775	645	40	40	875	935	925	1145	825	6205	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	6	2	2	6	5	6	7	6	46	EACH
SP	TILT TOWER (40')										0	EACH
SS & 726	STANDARD SIGN										0	SQ. FT.
SP	PTZ CCTV CAMERA, SOLAR										0	EACH

LOCATION: ARKANSAS
CITY: VARIOUS
COUNTY: VARIOUS
DISTRICT: 6 SCALE: NTS DRAWN BY: TJS

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	231	273
		WWDS US-67 PLAN SHEET US-67_1A-N				

ITEM NUMBER	ITEM	231 US-67_1A-N	UNIT
202	REMOVAL AND DISPOSAL OF SIGNS	2	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	720	LIN. FT.
SP	WWDS-4.5' STEEL POLE (20')	1	EACH
SP	WWDS-4.5' STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	LIN. FT.
710	NON-METALLIC CONDUIT (2")	775	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

STATE OF ARKANSAS
Bryan P Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

0 50 100 150 200
SCALE: 1"=100'

EXIST. ARDOT R/W

EXIST. ARDOT R/W

WARDEN RD

NON-METALLIC CONDUIT (2") 305 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 305 LF

WWDS-4.5' STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 25 LF

WWDS-4.5' STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 15 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 15 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 15 LF

WWDS-4.5' STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

C.L. OF CONST. (US 67)

US 67 SB

00 50+00 55+00 60+00

MATCHLINE 61+00

US 67 NB

1015+00

EXIST. CCTV COVERAGE STA. 47+38
US 67 NB (CAMERA #6036)

1010+00

C.L. OF CONST. (US 67_1A-N)

RAMP US 67_1A-N

R&D SIGN R5-1A 1 EA

WRONG WAY

1005+00

WRONG WAY

R&D SIGN R5-1A 1 EA

MCCAIN BLVD

DO NOT ENTER

TO REMAIN

1000+00

EXIST. ARDOT R/W

WWDS-4.5' STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 305 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 305 LF

NON-METALLIC CONDUIT (2") 55 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 55 LF

WWDS-4.5' STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

LOCATION: EXIT 1A NB OFF RAMP TO MCCAIN BLVD
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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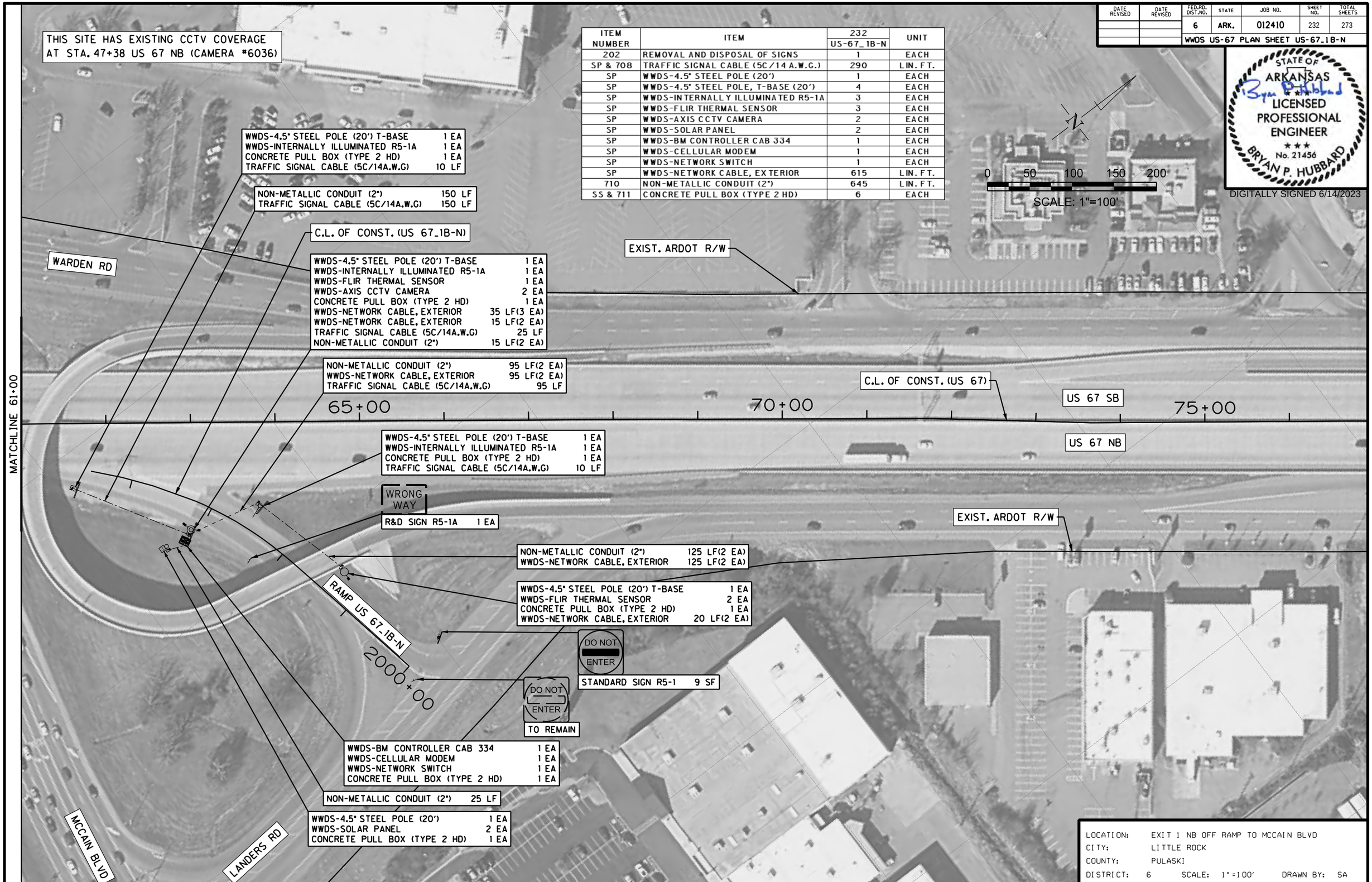
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	232	273

WWDS US-67 PLAN SHEET US-67_1B-N

STATE OF ARKANSAS
Bryan P. Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023

ITEM NUMBER	ITEM	232 US-67_1B-N	UNIT
202	REMOVAL AND DISPOSAL OF SIGNS	1	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	290	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	3	EACH
SP	WWDS-FLIR THERMAL SENSOR	3	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	615	LIN. FT.
710	NON-METALLIC CONDUIT (2")	645	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH



LOCATION: EXIT 1 NB OFF RAMP TO MCCAIN BLVD
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	233	273

WWDS US-67 PLAN SHEET US-67_2-N/1-S

STATE OF ARKANSAS
Bryan P. Hubbard
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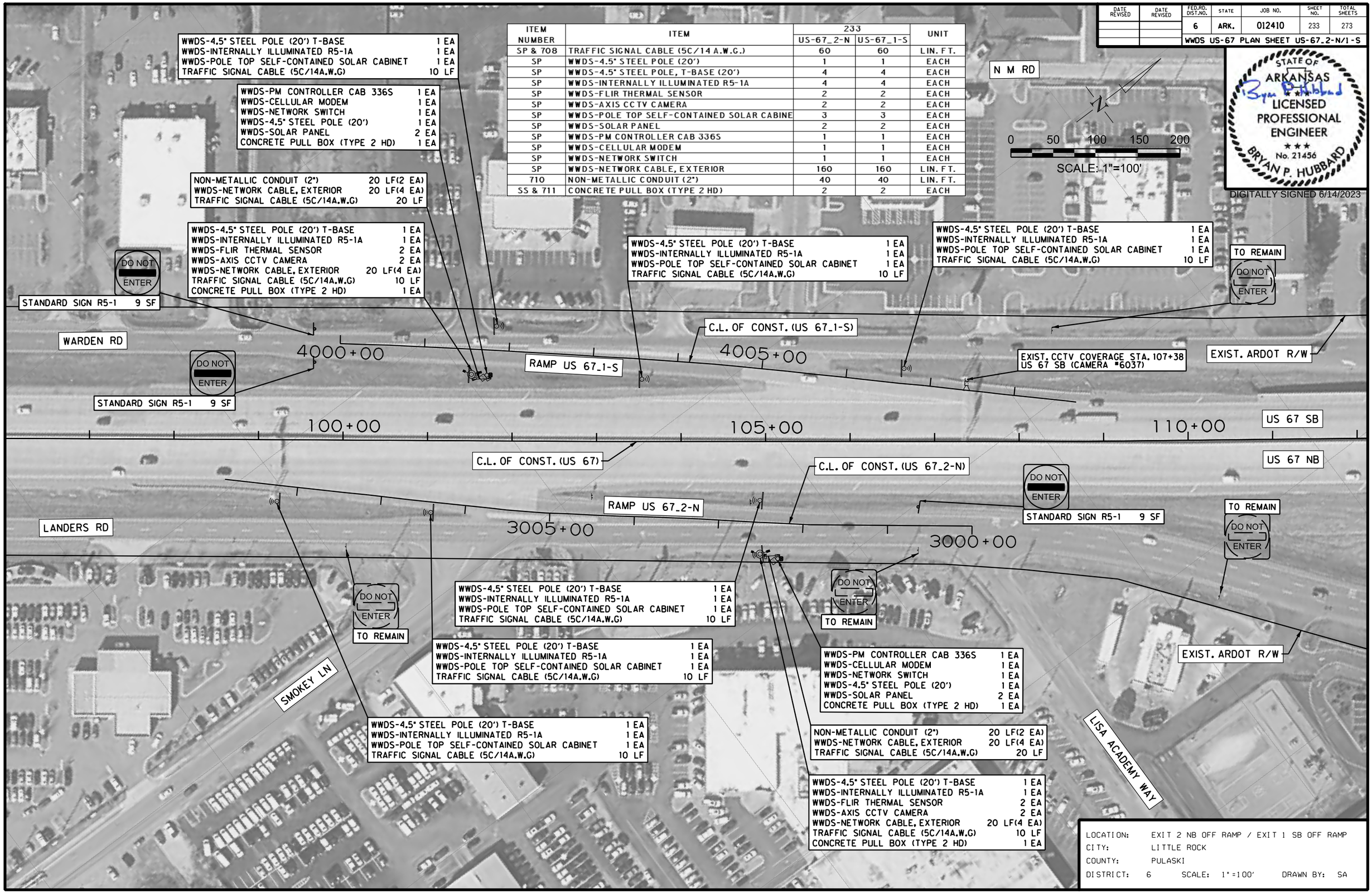
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023

ITEM NUMBER	ITEM	233 US-67_2-N	233 US-67_1-S	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	60	60	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	2	EACH
SP	WWDS-POLE TOP SELF-CONTAINED SOLAR CABINE	3	3	EACH
SP	WWDS-SOLAR PANEL	2	2	EACH
SP	WWDS-PM CONTROLLER CAB 336S	1	1	EACH
SP	WWDS-CELLULAR MODEM	1	1	EACH
SP	WWDS-NETWORK SWITCH	1	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	160	160	LIN. FT.
710	NON-METALLIC CONDUIT (2")	40	40	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	2	2	EACH



LOCATION: EXIT 2 NB OFF RAMP / EXIT 1 SB OFF RAMP
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	234	273
		WWDS US-67 PLAN SHEET US-67_3-N/3-S				

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

0 50 100 150 200
SCALE: 1"=100'

NON-METALLIC CONDUIT (2") 265 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 265 LF

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 20 LF

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 80 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 80 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 80 LF

TO REMAIN
DO NOT ENTER

C.L. OF CONST. (US 67_3-S)

EXIST. ARDOT R/W

WARDEN RD

6000+00

RAMP US 67_3-S

6005+00

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 225 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 225 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

DO NOT ENTER
TO REMAIN

EXIST. CCTV COVERAGE STA. 175+81
US 67 NB (CAMERA #6097)

+00

180+00

185+00

190+00

US 67 SB

US 67 NB

C.L. OF CONST. (US 67)

C.L. OF CONST. (US 67_3-N)

5005+00

RAMP US 67_3-N

5000+00

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 205 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 205 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 1 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(3 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

WRONG WAY
R&D SIGN R5-1A 2 EA

NON-METALLIC CONDUIT (2") 220 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 220 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(2 EA)

NON-METALLIC CONDUIT (2") 140 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 140 LF(3 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 140 LF

NON-METALLIC CONDUIT (2") 75 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 75 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 75 LF

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 20 LF

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

DO NOT ENTER
TO REMAIN

DO NOT ENTER
TO REMAIN

DO NOT ENTER
TO REMAIN

LANDERS RD

EXIST. ARDOT R/W

ITEM NUMBER	ITEM	234		UNIT
		US-67_3-N	US-67_3-S	
202	REMOVAL AND DISPOSAL OF SIGNS	2	0	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	670	600	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	3	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	3	3	EACH
SP	WWDS-FLIR THERMAL SENSOR	3	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	2	EACH
SP	WWDS-SOLAR PANEL	2	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	1	EACH
SP	WWDS-CELLULAR MODEM	1	1	EACH
SP	WWDS-NETWORK SWITCH	1	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	670	400	LIN. FT.
710	NON-METALLIC CONDUIT (2")	875	935	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	5	EACH

LOCATION: EXIT 3 NB / SB TO WILDWOOD AVE
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	235	273
		WWDS US-67 PLAN SHEET US-67_4-N				

ITEM NUMBER	ITEM	235 US-67_4-N	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	615	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	1100	LIN. FT.
710	NON-METALLIC CONDUIT (2")	925	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

STATE OF ARKANSAS
Bryan P Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

0 50 100 150 200
SCALE: 1"=100'

NON-METALLIC CONDUIT (2")	255 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	255 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	255 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	20 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	20 LF

WWDS-BM CONTROLLER CAB 334	1 EA
WWDS-CELLULAR MODEM	1 EA
WWDS-NETWORK SWITCH	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

NON-METALLIC CONDUIT (2")	25 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	25 LF

WWDS-4.5" STEEL POLE (20')	1 EA
WWDS-SOLAR PANEL	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

LANTRIP RD
LANTRIP RD
EXIST. ARDOT R/W
WARDEN RD
C.L. OF CONST. (US 67)
US 67 SB
US 67 NB
205+00
210+00
215+00
LANDERS RD
7005+00
RAMP US 67_4-N
7000+00
C.L. OF CONST. (US 67_4-N)
EXIST. ARDOT R/W

NON-METALLIC CONDUIT (2")	205 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	205 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-FLIR THERMAL SENSOR	2 EA
WWDS-AXIS CCTV CAMERA	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
WWDS-NETWORK CABLE, EXTERIOR	20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	70 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	70 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

DO NOT ENTER
STANDARD SIGN R5-1 9 SF

DO NOT ENTER
TO REMAIN

THIS SITE HAS EXISTING CCTV COVERAGE
AT STA. 175+81 US 67 NB (CAMERA #6097)

LOCATION: EXIT 4 NB OFF RAMP (BROCKINGTON)
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	236	273

WWDS US-67 PLAN SHEET US-67_5-N

STATE OF ARKANSAS
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LICENSED PROFESSIONAL ENGINEER
No. 21456
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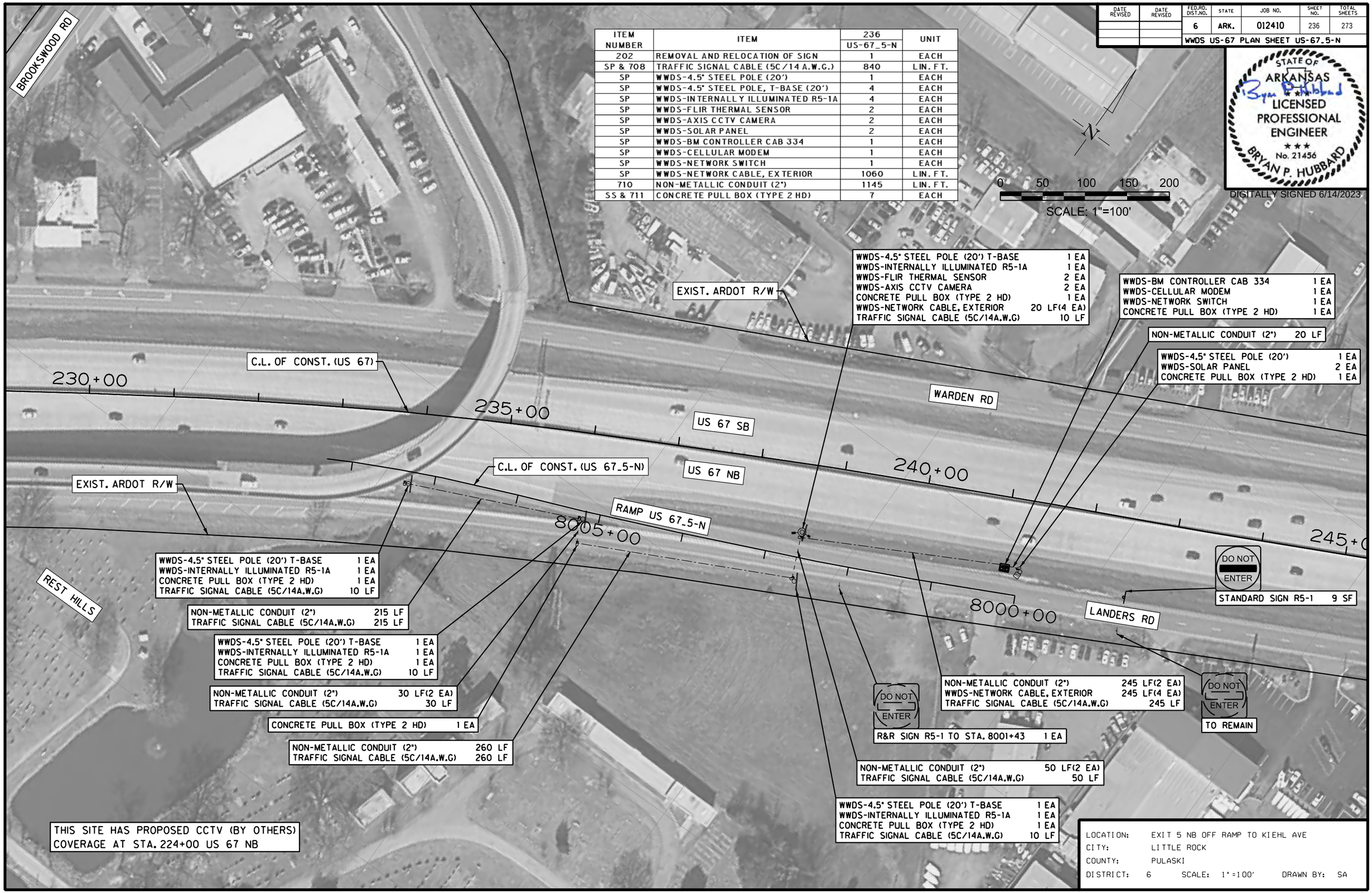
DIGITALLY SIGNED 6/14/2023

ITEM NUMBER	ITEM	236 US-67_5-N	UNIT
202	REMOVAL AND RELOCATION OF SIGN	1	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	840	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	1060	LIN. FT.
710	NON-METALLIC CONDUIT (2")	1145	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	7	EACH



LOCATION: EXIT 5 NB OFF RAMP TO KIEHL AVE
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	237	273
		WWDS US-67 PLAN SHEET US-67_5-S				

STATE OF ARKANSAS
Bryan P Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

N

0 50 100 150 200
SCALE: 1"=100'

POWHATAN DR

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 20 LF

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

R&R SIGN R5-1 TO STA. 9002+00 1 EA

NON-METALLIC CONDUIT (2") 55 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 55 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 55 LF

CONCRETE PULL BOX (TYPE 2 HD) 1 EA

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

PROPOSED CCTV (BY OTHERS)
STA. 274+75 US 67 SB

TO REMAIN
DO NOT ENTER
EXIST. ARDOT R/W
DO NOT ENTER
WARDEN RD
9000+00
C.L. OF CONST. (US 67_5-S)
RAMP US 67_5-S
9005+00
US 67 SB
265+00
270+00
275+00
US 67 NB
DO NOT ENTER
STANDARD SIGN R5-1 9 SF
C.L. OF CONST. (US 67)
NON-METALLIC CONDUIT (2") 200 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 200 LF
NON-METALLIC CONDUIT (2") 85 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 85 LF
LANDERS RD
NON-METALLIC CONDUIT (2") 205 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 205 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 205 LF
EXIST. ARDOT R/W
HILLS RD

ITEM NUMBER	ITEM	237 US-67_5-S	UNIT
202	REMOVAL AND RELOCATION OF SIGN	1	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	575	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	3	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	3	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	1120	LIN. FT.
710	NON-METALLIC CONDUIT (2")	825	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

LOCATION: EXIT 5 SB OFF RAMP TO KIEHL AVE
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	238	273
		WWDS QUANTITIES - ROUTE 440				

STATE OF ARKANSAS
Bryan P Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023

ROUTE 440 WWDS SUMMARY OF QUANTITIES

ITEM NUMBER	ITEM	239	240	241	242	243	244	245	246	UNIT
		I-440_1-E	I-440_1-W	I-440_3-E	I-440_3-W	I-440_4-E	I-440_4-W	I-440_5-E	I-440_5-W	
202	REMOVAL AND DISPOSAL OF SIGNS	2						2	2	EACH
202	REMOVAL AND RELOCATION OF SIGN									EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	20	20	700	740	690	685	715	735	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	1	1	1	1	1	1	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	3	3	4	4	4	4	4	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	2	2	4	4	4	4	4	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	1	1	2	2	2	2	2	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	2	2	2	2	2	2	2	EACH
SP	WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET	2	2							EACH
SP	WWDS-SOLAR PANEL	2	2	2	2	2	2	2	2	EACH
SP	WWDS-BM CONTROLLER CAB 334			1	1	1	1	1	1	EACH
SP	WWDS-PM CONTROLLER CAB 336S	1	1							EACH
SP	WWDS-CELLULAR MODEM	1	1	1	1	1	1	1	1	EACH
SP	WWDS-NETWORK SWITCH	1	1	1	1	1	1	1	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	105	105	340	320	960	320	140	160	LIN. FT.
710	NON-METALLIC CONDUIT (2")	30	30	735	825	890	765	765	800	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	2	2	6	6	6	6	6	6	EACH
SP	TILT TOWER (40')									EACH
SS & 726	STANDARD SIGN						13.6			SQ. FT.
SP	PTZ CCTV CAMERA, SOLAR									EACH

ITEM NUMBER	ITEM	247	248	249	250	251	252	253	TOTAL QUANTITY	UNIT
		I-440_7-E	I-440_8-E	I-440_8-W	I-440_10-E	I-440_10-W	HWY_440_12-E	HWY_440_12-W		
202	REMOVAL AND DISPOSAL OF SIGNS								6	EACH
202	REMOVAL AND RELOCATION OF SIGN								0	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	555	695	700	330	735	710	685	8715	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	1	1	1	1	1	1	15	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	4	4	2	4	4	4	56	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	4	4	2	4	4	4	54	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	2	2	2	2	2	2	28	EACH
SP	WWDS-AXIS CCTV CAMERA	2	2	2	2	2	2	2	30	EACH
SP	WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET								4	EACH
SP	WWDS-SOLAR PANEL	2	2	2	2	2	2	2	30	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	1	1	1	1	1	1	13	EACH
SP	WWDS-PM CONTROLLER CAB 336S								2	EACH
SP	WWDS-CELLULAR MODEM	1	1	1	1	1	1	1	15	EACH
SP	WWDS-NETWORK SWITCH	1	1	1	1	1	1	1	15	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	140	140	380	360	140	140	3890	LIN. FT.
710	NON-METALLIC CONDUIT (2")	585	725	740	395	785	755	740	9565	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	7	6	6	4	6	6	6	81	EACH
SP	TILT TOWER (40')								0	EACH
SS & 726	STANDARD SIGN						9		22.6	SQ. FT.
SP	PTZ CCTV CAMERA, SOLAR								0	EACH

LOCATION: ARKANSAS
CITY: VARIOUS
COUNTY: VARIOUS
DISTRICT: 6 SCALE: NTS DRAWN BY: TJS

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	239	273
		WWDS ROUTE 440 PLAN SHEET I-440_1-E				

STATE OF ARKANSAS
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LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

PROPOSED CCTV (BY OTHERS)
STA. 55+25 I-440 WB

I-440 WB
I-440 EB
55+00
50+00
1020+00
1015+00
1010+00
1005+00
1000+00
RAMP I-440_1-E
C.L. OF CONST. (ROUTE 440)
EXIST. ARDOT R/W
C.L. OF CONST. (I-440_1-E)
EXIST. ARDOT R/W

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-FLIR THERMAL SENSOR	1 EA
WWDS-AXIS CCTV CAMERA	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
WWDS-NETWORK CABLE, EXTERIOR	20 LF(3 EA)

NON-METALLIC CONDUIT (2")	15 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	15 LF(3 EA)

WWDS-PM CONTROLLER CAB 336S	1 EA
WWDS-CELLULAR MODEM	1 EA
WWDS-NETWORK SWITCH	1 EA
WWDS-4.5" STEEL POLE (20')	1 EA
WWDS-SOLAR PANEL	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

R&D SIGN R5-1A 1 EA
WRONG WAY
WRONG WAY
TO REMAIN

DUSK TILL DAWN OPERATION

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

DO NOT ENTER
TO REMAIN
WRONG WAY
R&D SIGN R5-1A 1 EA

DUSK TILL DAWN OPERATION

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

SPRINGER BLVD/SH 365
EXIST. ARDOT R/W

N

0 50 100 150 200
SCALE: 1"=100'

ITEM NUMBER	ITEM	239 I-440_1-E	UNIT
202	REMOVAL AND DISPOSAL OF SIGNS	2	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	20	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	3	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	2	EACH
SP	WWDS-FLIR THERMAL SENSOR	1	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-PM CONTROLLER CAB 336S	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	105	LIN. FT.
710	NON-METALLIC CONDUIT (2")	30	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	2	EACH

LOCATION: EXIT 1 EB OFF RAMP TO SH 365
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	240	273
		WWDS ROUTE 440 PLAN SHEET I-440_1-W				

STATE OF ARKANSAS
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No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

N

0 50 100 150 200
SCALE: 1"=100'

WWDS-PM CONTROLLER CAB 336S	1 EA
WWDS-CELLULAR MODEM	1 EA
WWDS-NETWORK SWITCH	1 EA
WWDS-4.5" STEEL POLE (20')	1 EA
WWDS-SOLAR PANEL	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

NON-METALLIC CONDUIT (2")	15 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	15 LF(3 EA)

DUSK TILL DAWN OPERATION

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-FLIR THERMAL SENSOR	1 EA
WWDS-AXIS CCTV CAMERA	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
WWDS-NETWORK CABLE, EXTERIOR	20 LF(3 EA)

TO REMAIN
WRONG WAY

TO REMAIN
WRONG WAY

2005+00

2000+00

DUSK TILL DAWN OPERATION

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

RAMP I-440_1-W

2010+00

EXIST. ARDOT R/W

C.L. OF CONST. (I-440_1-W)

DO NOT ENTER
TO REMAIN

SPRINGER BLVD/SH 365

EXIST. ARDOT R/W

MATCHLINE 2014+05

ITEM NUMBER	ITEM	240 I-440_1-W	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	20	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	3	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	2	EACH
SP	WWDS-FLIR THERMAL SENSOR	1	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-PM CONTROLLER CAB 336S	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	105	LIN. FT.
710	NON-METALLIC CONDUIT (2")	30	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	2	EACH

THIS SITE HAS PROPOSED CCTV (BY OTHERS) COVERAGE AT STA. 55+25 I-440 WB

LOCATION: EXIT 1 WB OFF RAMP TO SH 365
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	241	273
		WWDS ROUTE 440 PLAN SHEET I-440_3-E				

ITEM NUMBER	ITEM	241 I-440_3-E	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	700	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	340	LIN. FT.
710	NON-METALLIC CONDUIT (2")	735	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

N

0 50 100 150 200

SCALE: 1"=100'

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023

EXIST. ARDOT R/W

135+00

C.L. OF CONST. (ROUTE 440)

140+00

EXIST. ARDOT R/W

C.L. OF CONST. (I-440_3-E)

3010+00

145+00

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 300 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 300 LF

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 10 LF

I-440 WB

I-440 EB

BANKHEAD DR

150

MATCHLINE 150+00

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 20 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 20 LF

3005+00

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 295 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 295 LF

NON-METALLIC CONDUIT (2") 45 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 45 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 45 LF

RAMP I-440_3-E

TO REMAIN
WRONG WAY

TO REMAIN
DO NOT ENTER

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

3000+00

THIS SITE HAS EXISTING CCTV COVERAGE AT STA. 132+95 I-440 EB (CAMERA #6055)

LOCATION: EXIT 3 EB OFF RAMP TO BANKHEAD DR
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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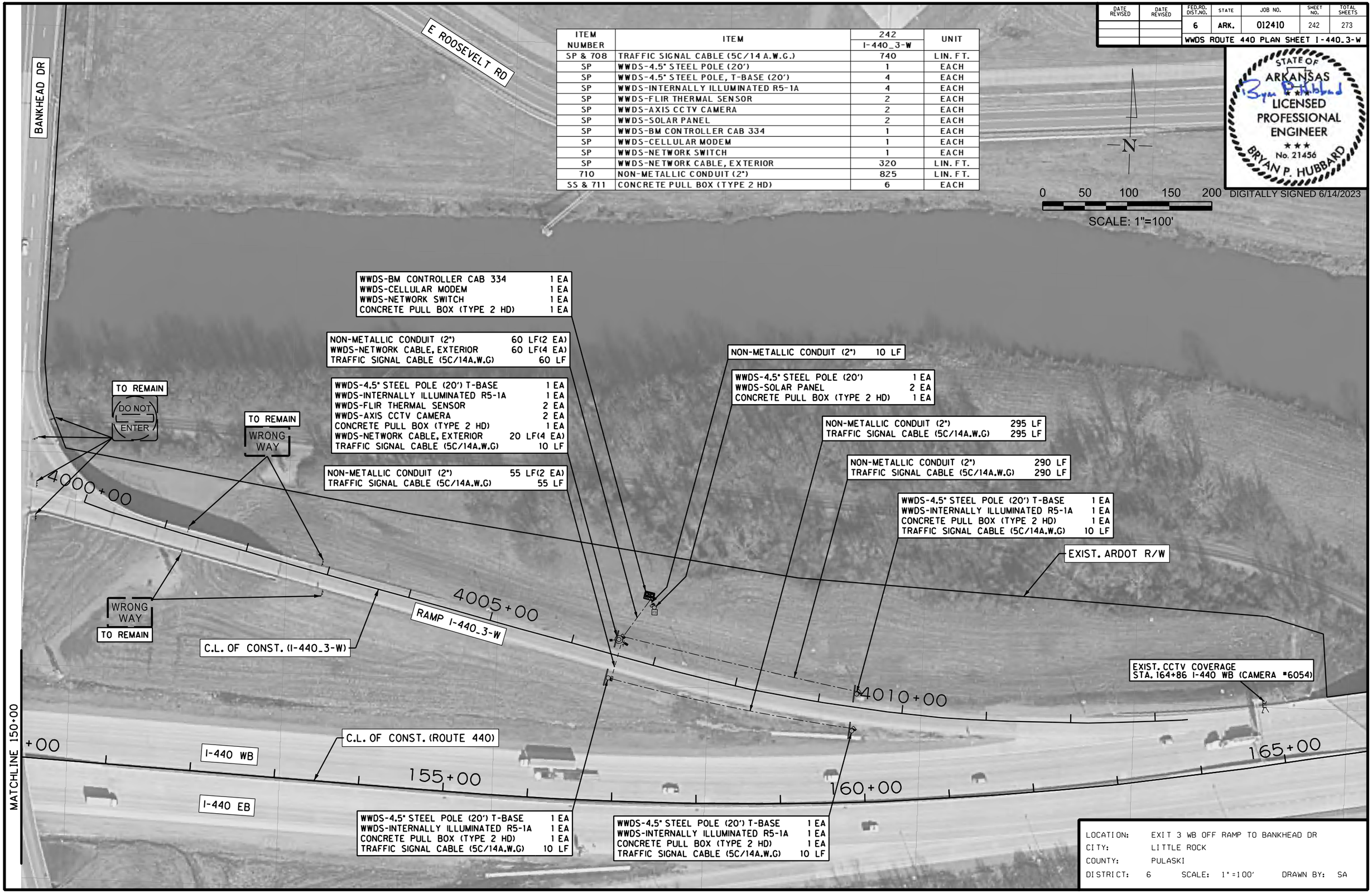
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	242	273
		WWDS ROUTE 440 PLAN SHEET I-440_3-W				

STATE OF ARKANSAS
Bryan P. Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023

ITEM NUMBER	ITEM	242 I-440_3-W	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	740	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	320	LIN. FT.
710	NON-METALLIC CONDUIT (2")	825	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH



LOCATION: EXIT 3 WB OFF RAMP TO BANKHEAD DR
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	243	273

WWDS ROUTE 440 PLAN SHEET I-440_4-E

STATE OF ARKANSAS
Bryan P Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

N

0 50 100 150 200
SCALE: 1"=100'

EXIST. ARDOT R/W

EXIST. ARDOT R/W

C.L. OF CONST. (I-440_4-E)

RAMP I-440_4-E

C.L. OF CONST. (ROUTE 440)

I-440 WB

I-440 EB

LINDSEY RD

NON-METALLIC CONDUIT (2")	45 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	45 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	45 LF

NON-METALLIC CONDUIT (2")	20 LF

WWDS-4.5" STEEL POLE (20')	1 EA
WWDS-SOLAR PANEL	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	130 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	130 LF

WWDS-BM CONTROLLER CAB 334	1 EA
WWDS-CELLULAR MODEM	1 EA
WWDS-NETWORK SWITCH	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

NON-METALLIC CONDUIT (2")	300 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	300 LF

NON-METALLIC CONDUIT (2")	175 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	175 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	175 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-FLIR THERMAL SENSOR	2 EA
WWDS-AXIS CCTV CAMERA	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
WWDS-NETWORK CABLE, EXTERIOR	20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

TO REMAIN
DO NOT ENTER

WRONG WAY
TO REMAIN

ITEM NUMBER	ITEM	243 I-440_4-E	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	690	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	960	LIN. FT.
710	NON-METALLIC CONDUIT (2")	890	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

THIS SITE HAS EXISTING CCTV COVERAGE AT STA. 164+86 I-440 WB (CAMERA #6054)

LOCATION: EXIT 4 EB OFF RAMP TO S LINDSEY RD
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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THIS SITE HAS EXISTING CCTV COVERAGE
AT STA. 200+73 I-440 WB (CAMERA #6096)

ITEM NUMBER	ITEM	244 I-440_4-W	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	685	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	320	LIN. FT.
710	NON-METALLIC CONDUIT (2")	765	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH
SS & 726	STANDARD SIGN	13.6	SQ. FT.

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	244	273
		WWDS ROUTE 440 PLAN SHEET I-440_4-W				

STATE OF ARKANSAS
Bryan P Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

N

0 50 100 150 200
SCALE: 1"=100'

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 60 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 60 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 60 LF

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 15 LF

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 245 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 245 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 45 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 45 LF

NON-METALLIC CONDUIT (2") 295 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 295 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

STANDARD SIGN R6-1L 6.80 SF
STANDARD SIGN R6-1R 6.80 SF

TO REMAIN
DO NOT ENTER
ONE WAY
ONE WAY
TO REMAIN
DO NOT ENTER
TO REMAIN
WRONG WAY

00+00
6005+00
6010+00
190+00
195+00
RAMP I-440_4-W
C.L. OF CONST. (I-440_4-W)
EXIST. ARDOT R/W
I-440 WB
I-440 EB
LINDSEY RD
C.L. OF CONST. (ROUTE 440)

LOCATION: EXIT 4 WB OFF RAMP TO S LINDSEY RD
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	245	273
		WWDS ROUTE 440 PLAN SHEET I-440_5-E				

ITEM NUMBER	ITEM	245 I-440_5-E	UNIT
202	REMOVAL AND DISPOSAL OF SIGNS	2	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	715	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	LIN. FT.
710	NON-METALLIC CONDUIT (2")	765	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

N

0 50 100 150 200

SCALE: 1"=100'

STATE OF ARKANSAS
Bryan P Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023

FLUID DR

EXIST. ARDOT R/W

245+00

250+00

255+00

C.L. OF CONST. (ROUTE 440)

C.L. OF CONST. (I-440_5-E)

7010+00

7005+00

7000+00

EXIST. CCTV COVERAGE STA. 246+20
I-440 EB (CAMERA #6059)

EXIST. ARDOT R/W

I-440 WB

I-440 EB

MATCHLINE 258+00

RAMP I-440_5-E

FOURCHE DAM PIKE

TO REMAIN

DO NOT ENTER

TO REMAIN

DO NOT ENTER

WRONG WAY

WRONG WAY

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	60 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	60 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-FLIR THERMAL SENSOR	2 EA
WWDS-AXIS CCTV CAMERA	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
WWDS-NETWORK CABLE, EXTERIOR	20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

R&D SIGN R5-1A	1 EA

R&D SIGN R5-1A	1 EA

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	300 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	300 LF

NON-METALLIC CONDUIT (2")	300 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	300 LF

WWDS-4.5" STEEL POLE (20')	1 EA
WWDS-SOLAR PANEL	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

NON-METALLIC CONDUIT (2")	15 LF

WWDS-BM CONTROLLER CAB 334	1 EA
WWDS-CELLULAR MODEM	1 EA
WWDS-NETWORK SWITCH	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

NON-METALLIC CONDUIT (2")	15 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	15 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	15 LF

LOCATION: EXIT 5 EB OFF RAMP TO FOURCHE DAM PIKE
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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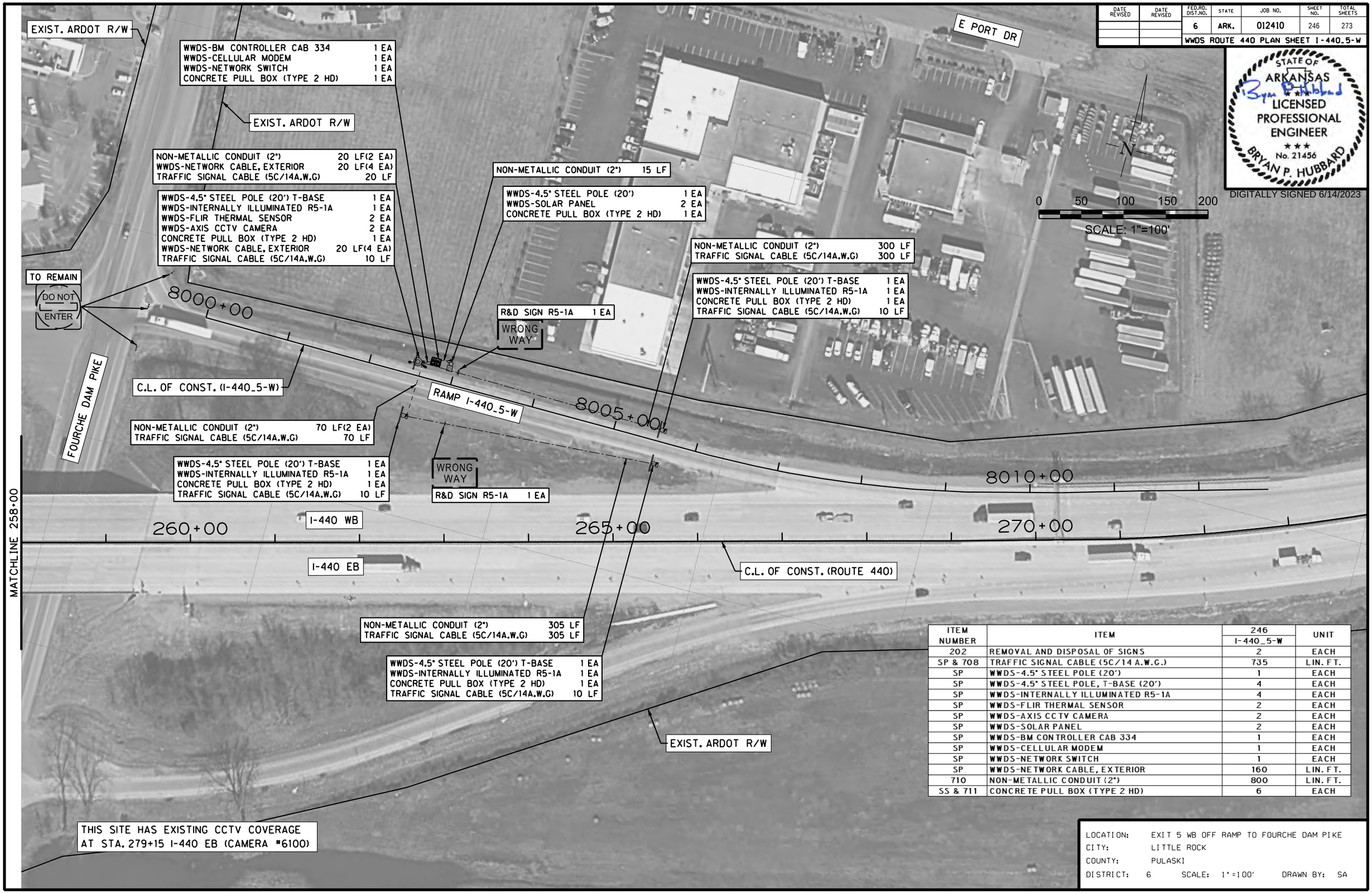
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	246	273
		WWDS ROUTE 440 PLAN SHEET I-440_5-W				

STATE OF ARKANSAS
Bryan P. Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023



ITEM NUMBER	ITEM	246 I-440_5-W	UNIT
202	REMOVAL AND DISPOSAL OF SIGNS	2	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	735	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	160	LIN. FT.
710	NON-METALLIC CONDUIT (2")	800	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

LOCATION: EXIT 5 WB OFF RAMP TO FOURCHE DAM PIKE
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	247	273
		WWDS ROUTE 440 PLAN SHEET I-440_7-E				

STATE OF ARKANSAS
Bryan Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

C.L. OF CONST. (ROUTE 440)
I-440 WB
I-440 EB
340+00
345+00
350+00
9015+00
9010+00
9005+00
9000+00
EXIST. ARDOT R/W
C.L. OF CONST. (I-440_7-E)
RAMP I-440_7-E
ENGLAND RD

N

0 50 100 150 200
SCALE: 1"=100'

ITEM NUMBER	ITEM	247 I-440_7-E	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	555	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	LIN. FT.
710	NON-METALLIC CONDUIT (2")	585	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	7	EACH

THIS SITE HAS EXISTING CCTV COVERAGE AT STA. 332+70 I-440 EB (CAMERA #6053)

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF
NON-METALLIC CONDUIT (2")	150 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	150 LF
WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF
NON-METALLIC CONDUIT (2")	45 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	45 LF
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
NON-METALLIC CONDUIT (2")	155 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	155 LF
NON-METALLIC CONDUIT (2")	15 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	15 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	15 LF
WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-FLIR THERMAL SENSOR	2 EA
WWDS-AXIS CCTV CAMERA	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
WWDS-NETWORK CABLE, EXTERIOR	20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF
WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF
NON-METALLIC CONDUIT (2")	150 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	150 LF
WWDS-4.5" STEEL POLE (20')	1 EA
WWDS-SOLAR PANEL	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
NON-METALLIC CONDUIT (2")	10 LF
WWDS-BM CONTROLLER CAB 334	1 EA
WWDS-CELLULAR MODEM	1 EA
WWDS-NETWORK SWITCH	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

WRONG WAY
TO REMAIN
DO NOT ENTER
TO REMAIN

LOCATION: EXIT 7 EB OFF RAMP TO US 165
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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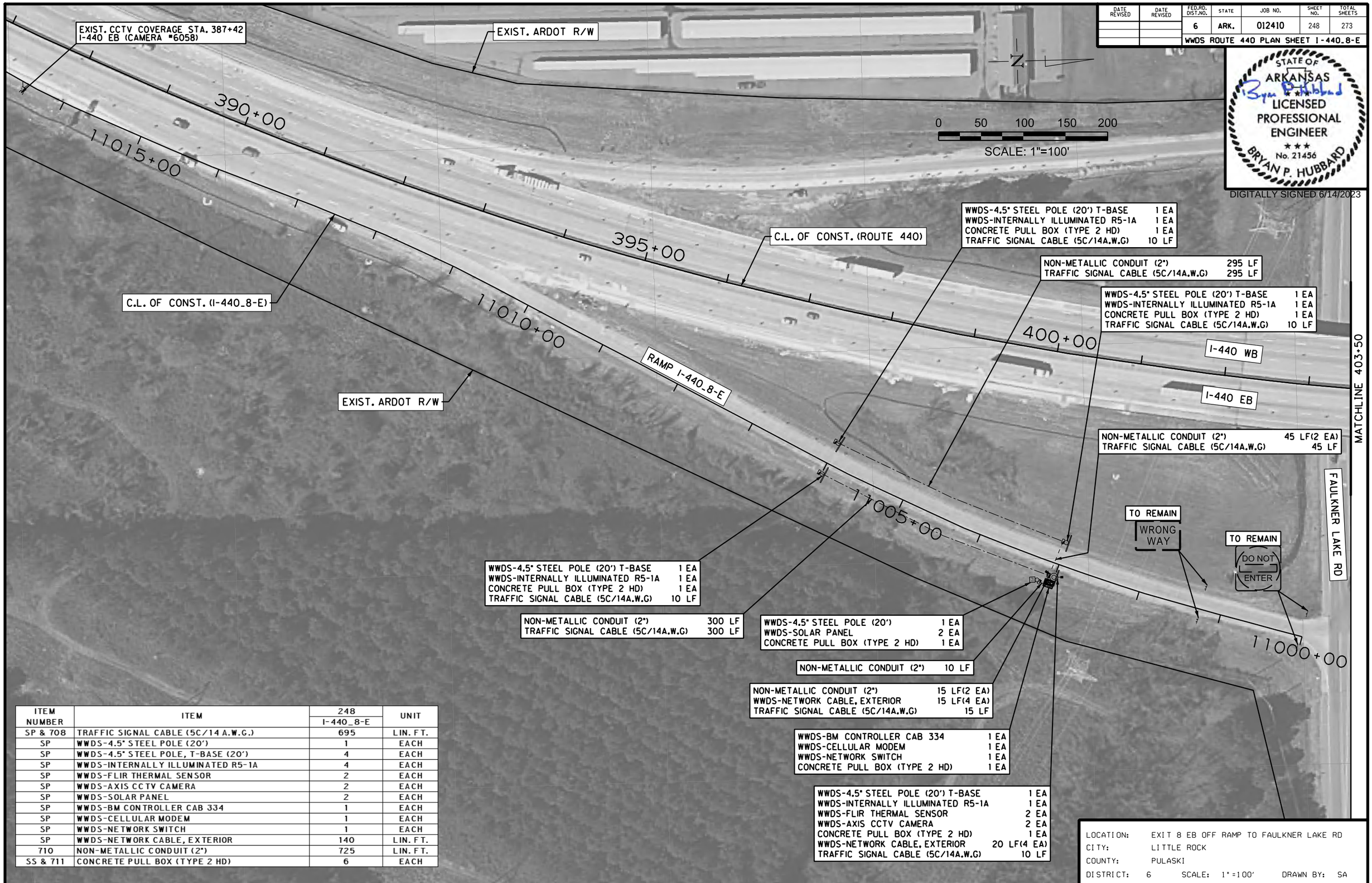
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	248	273

WWDS ROUTE 440 PLAN SHEET I-440_8-E

STATE OF ARKANSAS
Bryan P. Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023



ITEM NUMBER	ITEM	248 I-440_8-E	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	695	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	LIN. FT.
710	NON-METALLIC CONDUIT (2")	725	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

LOCATION: EXIT 8 EB OFF RAMP TO FAULKNER LAKE RD
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	249	273
		WWDS ROUTE 440 PLAN SHEET I-440_8-W				

STATE OF ARKANSAS
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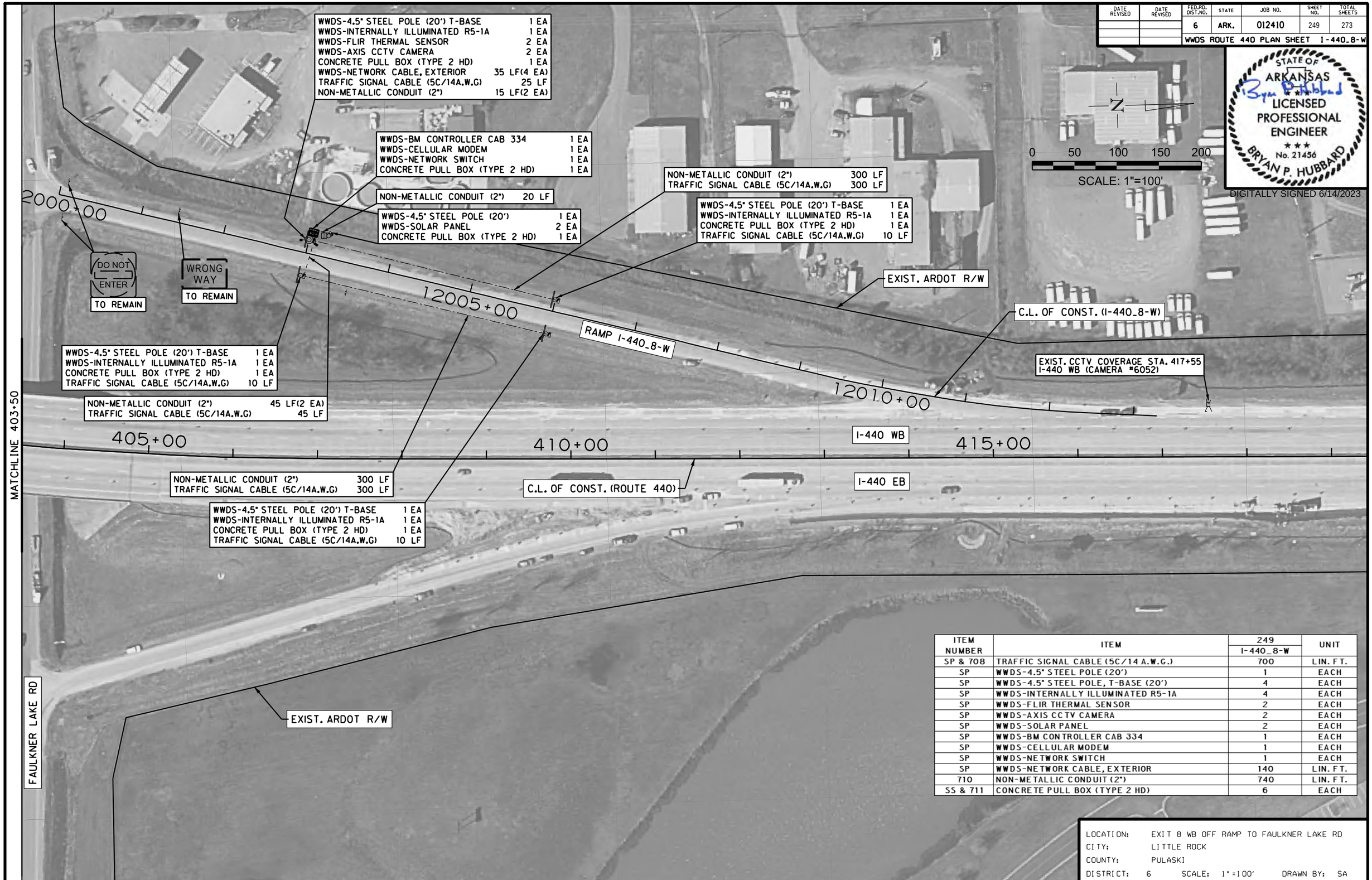

ITEM NUMBER	ITEM	249 I-440_8-W	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	700	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	LIN. FT.
710	NON-METALLIC CONDUIT (2")	740	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

LOCATION: EXIT 8 WB OFF RAMP TO FAULKNER LAKE RD
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	250	273
		WWDS ROUTE 440 PLAN SHEET I-440_10-E				

STATE OF ARKANSAS
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475+00 I-440 WB I-440 EB 480+00 C.L. OF CONST. (ROUTE 440) 485+00

13015+00 EXIST. ARDOT R/W C.L. OF CONST. (I-440_10-E) 13010+00 RAMP I-440_10-E 13005+00 13000+0

0 50 100 150 200
SCALE: 1"=100'

US 70

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 235 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 235 LF

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 10 LF

TO REMAIN DO NOT ENTER

TO REMAIN WRONG WAY

WRONG WAY TO REMAIN

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 75 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 75 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 75 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

ITEM NUMBER	ITEM	250 I-440_10-E	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	330	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	2	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	2	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	380	LIN. FT.
710	NON-METALLIC CONDUIT (2")	395	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	4	EACH

THIS SITE HAS EXISTING CCTV COVERAGE AT STA. 468+25 I-440 EB (CAMERA #6049)

LOCATION: EXIT 10 EB OFF RAMP TO US 70
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	251	273

WWDS ROUTE 440 PLAN SHEET I-440_10-W

STATE OF ARKANSAS
Bryan P. Hubbard
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ITEM NUMBER	ITEM	251 I-440_10-W	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	735	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	360	LIN. FT.
710	NON-METALLIC CONDUIT (2")	785	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

THIS SITE HAS EXISTING CCTV COVERAGE AT STA. 468+25 I-440 EB (CAMERA #6049)

LOCATION: EXIT 10 WB OFF RAMP TO US 70
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	252	273

WWDS ROUTE 440 PLAN SHEET HWY_440_12-E

STATE OF ARKANSAS
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No. 21456
BRYAN P. HUBBARD

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ITEM NUMBER	ITEM	252 HWY_440_12-E	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	710	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	LIN. FT.
710	NON-METALLIC CONDUIT (2")	755	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH
SS & 726	STANDARD SIGN	9	SQ. FT.

LOCATION: EXIT 12 EB OFF RAMP TO SH 161
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	253	273
		WWDS ROUTE 440 PLAN SHEET HWY_440_12-W				

THIS SITE HAS EXISTING CCTV COVERAGE
AT STA. 682+92 HWY 440 EB (CAMERA #6009)

NON-METALLIC CONDUIT (2") 15 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR 15 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 15 LF

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 25 LF

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 290 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 290 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

TO REMAIN
DO NOT ENTER

TO REMAIN
WRONG WAY

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 55 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 55 LF

NON-METALLIC CONDUIT (2") 285 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 285 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

16000+00
16005+00
16010+00
16015+00
690+00
695+00
700+00
+00

MATCHLINE 685+00

RAMP HWY_440_12-W
C.L. OF CONST. (HWY_440_12-W)
EXIST. ARDOT R/W
C.L. OF CONST. (ROUTE 440)
HWY 440 WB
HWY 440 EB
SH 161

0 50 100 150 200
SCALE: 1"=100'

STATE OF ARKANSAS
Bryan P Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

ITEM NUMBER	ITEM	253 HWY_440_12-W	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	685	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	LIN. FT.
710	NON-METALLIC CONDUIT (2")	740	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

LOCATION: EXIT 12 WB OFF RAMP TO SH 161
CITY: LITTLE ROCK
COUNTY: PULASKI
DISTRICT: 6 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	254	273
		WWDS QUANTITIES - I-55				

STATE OF ARKANSAS
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DIGITALLY SIGNED 6/14/2023

I-55 WWDS SUMMARY OF QUANTITIES

ITEM NUMBER	ITEM	255 I-55_1-N	256 I-55_1-S	257 I-55_3A-N	258 I-55_3B-N	259 I-55_4-N	260 I-55_4-S	261 I-55_7-S	TOTAL QUANTITY	UNIT
202	REMOVAL AND DISPOSAL OF SIGNS				2	2	2		6	EACH
202	REMOVAL AND RELOCATION OF SIGN								0	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	715	715	390	685	640	685	575	4405	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	1	1	1	1	1	1	7	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	4	3	4	4	4	4	27	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	4	3	4	4	4	4	27	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	2	2	2	2	2	2	14	EACH
SP	WWDS-AXIS CCTV CAMERA	2	2	2	2	2	2	2	14	EACH
SP	WWDS-POLE TOP SELF-CONTAINED SOLAR CABINET								0	EACH
SP	WWDS-SOLAR PANEL	2	2	2	2	2	2	2	14	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	1	1	1	1	1	1	7	EACH
SP	WWDS-PM CONTROLLER CAB 336S								0	EACH
SP	WWDS-CELLULAR MODEM	1	1	1	1	1	1	1	7	EACH
SP	WWDS-NETWORK SWITCH	1	1	1	1	1	1	1	7	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	320	160	140	140	320	140	1360	LIN. FT.
710	NON-METALLIC CONDUIT (2")	750	760	445	735	680	730	620	4720	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	6	5	6	6	6	6	41	EACH
SP	TILT TOWER (40')								0	EACH
SS & 726	STANDARD SIGN		9	9					18	SQ. FT.
SP	PTZ CCTV CAMERA, SOLAR								0	EACH

LOCATION: ARKANSAS
CITY: VARIOUS
COUNTY: VARIOUS
DISTRICT: 1 SCALE: NTS DRAWN BY: TJS

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	255	273
		WWDS I-55 PLAN SHEET I-55_1-N				

STATE OF ARKANSAS
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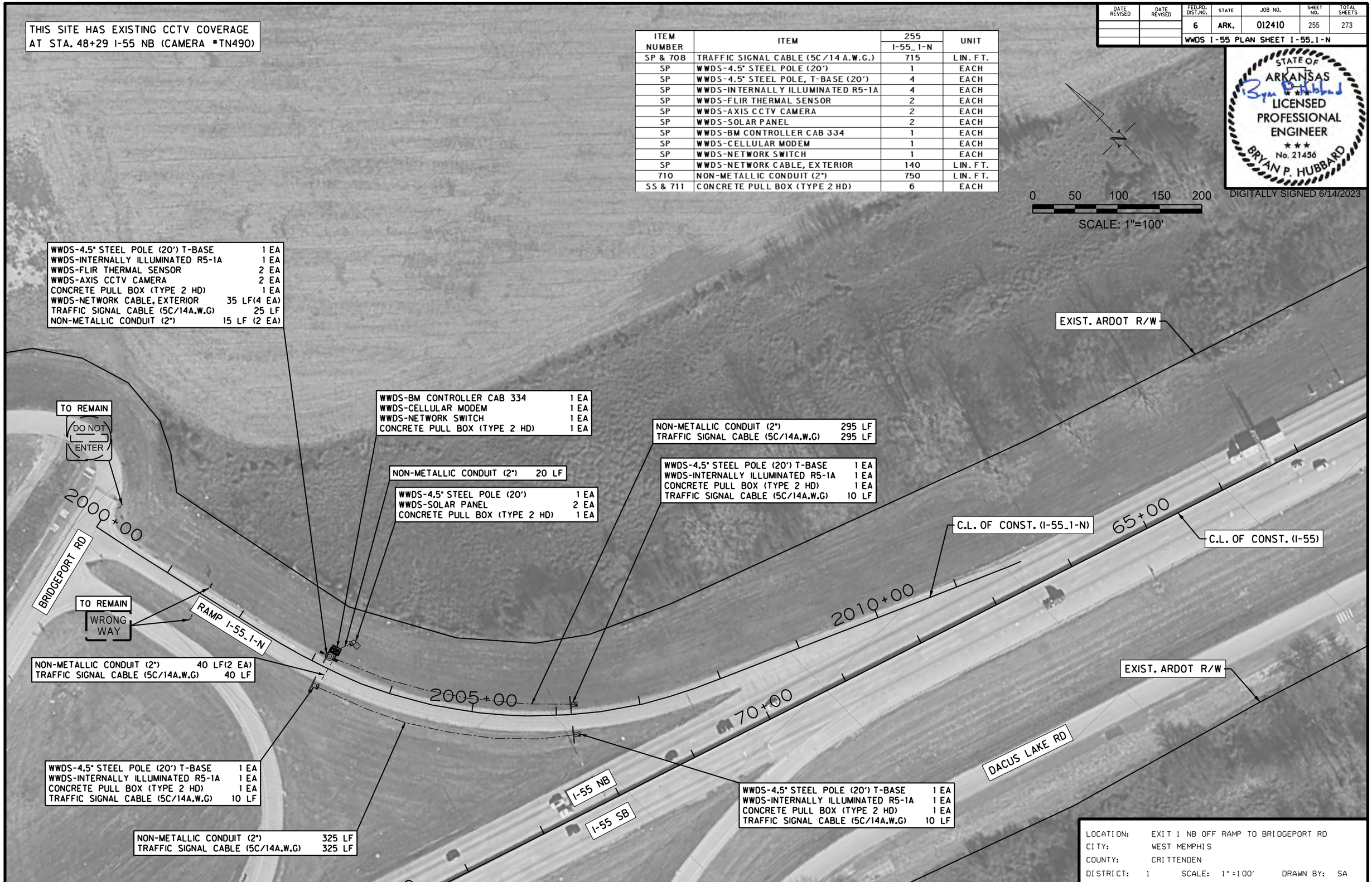
THIS SITE HAS EXISTING CCTV COVERAGE AT STA. 48+29 I-55 NB (CAMERA #TN490)

ITEM NUMBER	ITEM	255 I-55_1-N	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	715	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	LIN. FT.
710	NON-METALLIC CONDUIT (2")	750	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH



LOCATION: EXIT 1 NB OFF RAMP TO BRIDGEPORT RD
CITY: WEST MEMPHIS
COUNTY: CRITTENDEN
DISTRICT: 1 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	256	273
		WWDS I-55 PLAN SHEET I-55_1-S				

STATE OF ARKANSAS
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EXIST. ARDOT R/W

BRIDGEPORT RD

C.L. OF CONST. (I-55)

I-55 NB

I-55 SB

75+00

80+00

85+00

100+00

BRIDGEPORT RD

DACUS LAKE RD

RAMP I-55_1-S

1000+00

0 50 100 150 200
SCALE: 1"=100'

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF
NON-METALLIC CONDUIT (2")	280 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	280 LF

NON-METALLIC CONDUIT (2")	335 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	335 LF

WWDS-4.5" STEEL POLE (20')	1 EA
WWDS-SOLAR PANEL	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

NON-METALLIC CONDUIT (2")	25 LF

WWDS-BM CONTROLLER CAB 334	1 EA
WWDS-CELLULAR MODEM	1 EA
WWDS-NETWORK SWITCH	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	25 LF
NON-METALLIC CONDUIT (2")	15 LF (2 EA)
WWDS-NETWORK CABLE, EXTERIOR	15 LF (4 EA)

TO REMAIN
WRONG WAY

TO REMAIN
WRONG WAY

DO NOT ENTER

STANDARD SIGN R5-1 9 SF

C.L. OF CONST. (I-55_1-S)

EXIST. ARDOT R/W

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-FLIR THERMAL SENSOR	2 EA
WWDS-AXIS CCTV CAMERA	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
WWDS-NETWORK CABLE, EXTERIOR	20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	45 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	45 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	45 LF

ITEM NUMBER	ITEM	256 I-55_1-S	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	715	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	320	LIN. FT.
710	NON-METALLIC CONDUIT (2")	760	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH
SS & 726	STANDARD SIGN	9	SQ. FT.

THIS SITE HAS EXISTING CCTV COVERAGE AT STA. 104+25 I-55 NB (CAMERA #1018)

LOCATION: EXIT 1 SB OFF RAMP TO BRIDGEPORT RD
CITY: WEST MEMPHIS
COUNTY: CRITTENDEN
DISTRICT: 1 SCALE: 1"=100' DRAWN BY: SA

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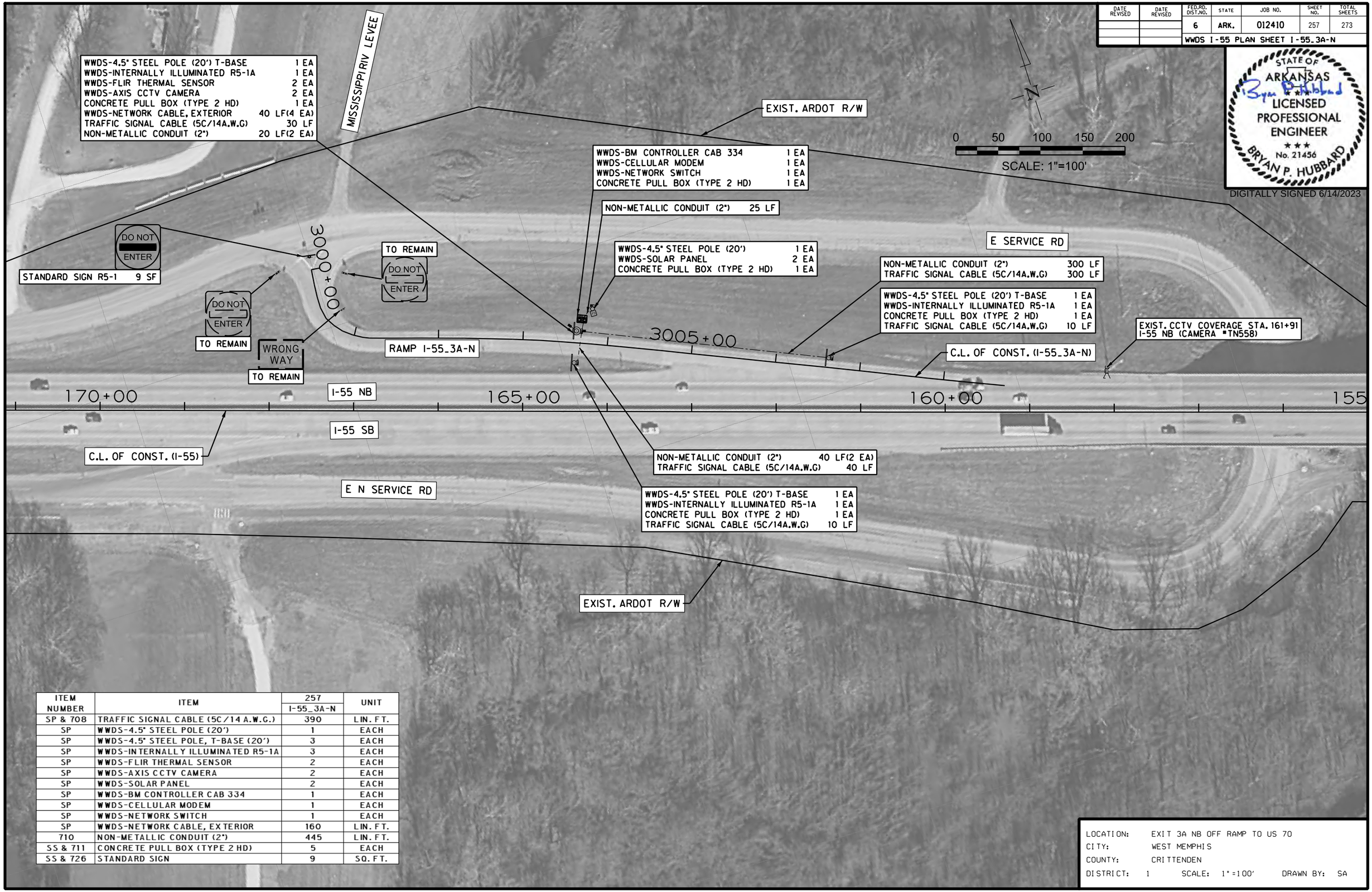
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	257	273
		WWDS I-55 PLAN SHEET I-55_3A-N				

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023



ITEM NUMBER	ITEM	257 I-55_3A-N	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	390	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	3	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	3	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	160	LIN. FT.
710	NON-METALLIC CONDUIT (2")	445	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	5	EACH
SS & 726	STANDARD SIGN	9	SQ. FT.

LOCATION: EXIT 3A NB OFF RAMP TO US 70
CITY: WEST MEMPHIS
COUNTY: CRITTENDEN
DISTRICT: 1 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	258	273
		WWDS I-55 PLAN SHEET I-55_3B-N				

ITEM NUMBER	ITEM	258 I-55_3B-N	UNIT
202	REMOVAL AND DISPOSAL OF SIGNS	2	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	685	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	LIN. FT.
710	NON-METALLIC CONDUIT (2")	735	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

STATE OF ARKANSAS
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0 50 100 150 200
SCALE: 1"=100'

E SERVICE RD
COMMERCE ST
EXIST. ARDOT R/W
I-55 NB
I-55 SB
S SERVICE RD
195+00
190+00
C.L. OF CONST. (I-55)
EXIST. CCTV COVERAGE STA. 191+70
I-55 NB (CAMERA #TN488)
4015+00
4010+00
185+00
RAMP I-55_3B-N
4005+00
4000+00

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

EXIST. ARDOT R/W

NON-METALLIC CONDUIT (2") 290 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 290 LF

NON-METALLIC CONDUIT (2") 55 LF(2 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 55 LF

R&D SIGN R5-1A 1 EA
WRONG WAY

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
WWDS-FLIR THERMAL SENSOR 2 EA
WWDS-AXIS CCTV CAMERA 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
WWDS-NETWORK CABLE, EXTERIOR 35 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 25 LF
NON-METALLIC CONDUIT (2") 15 LF(2 EA)

WWDS-4.5" STEEL POLE (20') T-BASE 1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 10 LF

NON-METALLIC CONDUIT (2") 285 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G) 285 LF

WRONG WAY
R&D SIGN R5-1A 1 EA

WWDS-4.5" STEEL POLE (20') 1 EA
WWDS-SOLAR PANEL 2 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

NON-METALLIC CONDUIT (2") 20 LF

WWDS-BM CONTROLLER CAB 334 1 EA
WWDS-CELLULAR MODEM 1 EA
WWDS-NETWORK SWITCH 1 EA
CONCRETE PULL BOX (TYPE 2 HD) 1 EA

DO NOT ENTER
TO REMAIN

EXIST. ARDOT R/W

E N SERVICE RD
DACUS DR
MELVIN DR
CHLOE DR

C.L. OF CONST. (I-55_3B-N)

LOCATION: EXIT 3B I-55 WB/NB EXIT TO US 70
CITY: WEST MEMPHIS
COUNTY: CRITTENDEN
DISTRICT: 1 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	259	273
		WWDS I-55 PLAN SHEET I-55_4-N				

STATE OF ARKANSAS
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No. 21456
BRYAN P. HUBBARD

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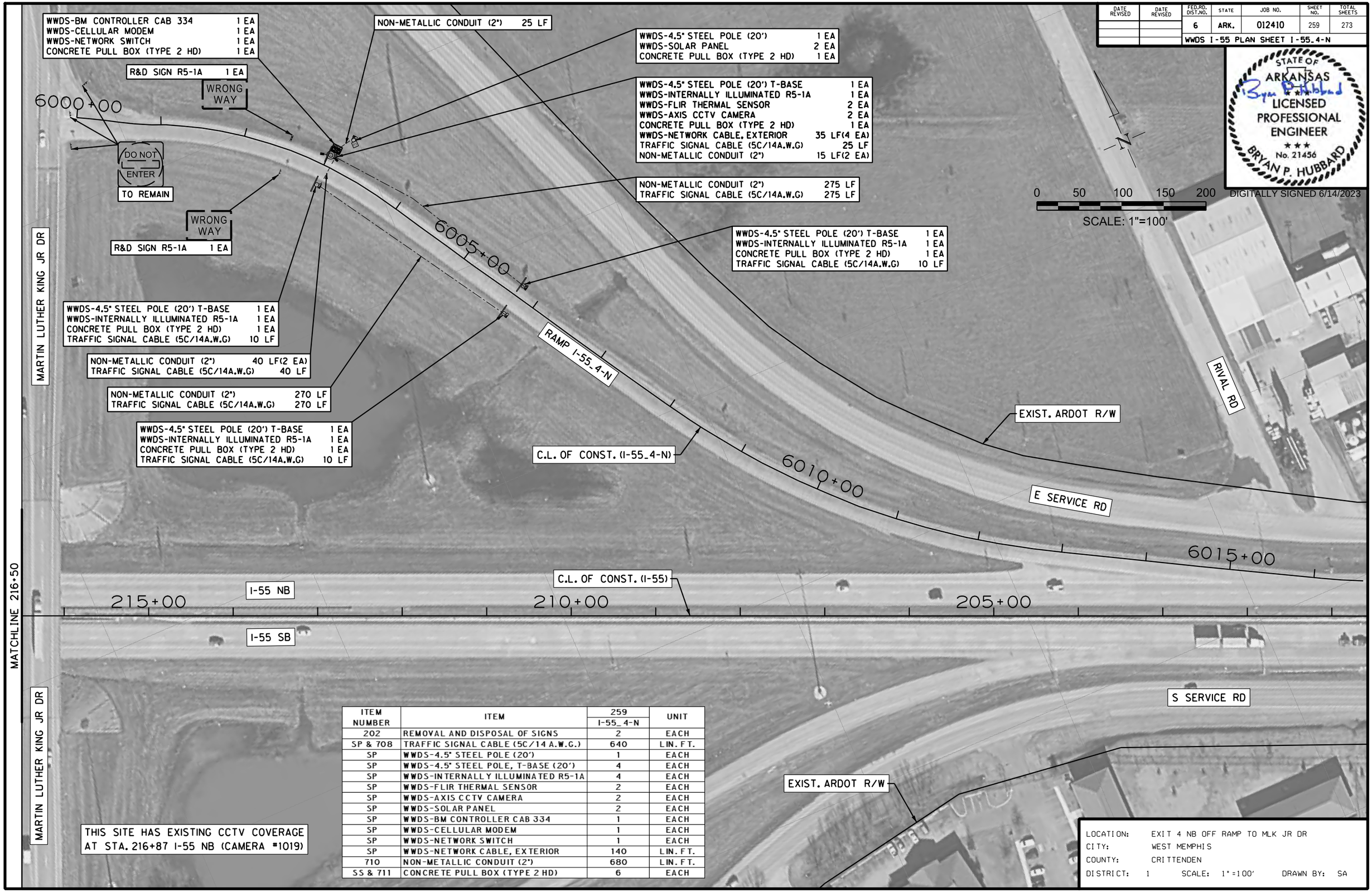

ITEM NUMBER	ITEM	259 I-55_4-N	UNIT
202	REMOVAL AND DISPOSAL OF SIGNS	2	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	640	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	LIN. FT.
710	NON-METALLIC CONDUIT (2")	680	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

LOCATION: EXIT 4 NB OFF RAMP TO MLK JR DR
CITY: WEST MEMPHIS
COUNTY: CRITTENDEN
DISTRICT: 1 SCALE: 1"=100' DRAWN BY: SA

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ITEM NUMBER	ITEM	260 I-55_4-S	UNIT
202	REMOVAL AND DISPOSAL OF SIGNS	2	EACH
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	685	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	320	LIN. FT.
710	NON-METALLIC CONDUIT (2")	730	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	260	273
		WWDS I-55 PLAN SHEET I-55_4-S				

STATE OF ARKANSAS
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0 50 100 150 200
SCALE: 1"=100'

EXIST. ARDOT R/W
SERVICE LOOP DR
C.L. OF CONST. (I-55)
230+00
225+00
I-55 NB
I-55 SB
220+00
MATCHLINE 216+50
5015+00
C.L. OF CONST. (I-55_4-S)
5010+00
RAMP I-55_4-S
S SERVICE RD
N OK ST
EXIST. ARDOT R/W
5005+00
CHURCH ST
N 34TH ST
5000+00

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	300 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	300 LF

NON-METALLIC CONDUIT (2")	45 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	45 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	45 LF

R&D SIGN R5-1A 1 EA
WRONG WAY

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

NON-METALLIC CONDUIT (2")	285 LF
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	285 LF

WRONG WAY
R&D SIGN R5-1A 1 EA

NON-METALLIC CONDUIT (2")	25 LF

WWDS-4.5" STEEL POLE (20')	1 EA
WWDS-SOLAR PANEL	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

WWDS-BM CONTROLLER CAB 334	1 EA
WWDS-CELLULAR MODEM	1 EA
WWDS-NETWORK SWITCH	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	25 LF
NON-METALLIC CONDUIT (2")	15 LF(2 EA)
WWDS-NETWORK CABLE, EXTERIOR	15 LF(4 EA)

WWDS-4.5" STEEL POLE (20') T-BASE	1 EA
WWDS-INTERNALLY ILLUMINATED R5-1A	1 EA
WWDS-FLIR THERMAL SENSOR	2 EA
WWDS-AXIS CCTV CAMERA	2 EA
CONCRETE PULL BOX (TYPE 2 HD)	1 EA
WWDS-NETWORK CABLE, EXTERIOR	20 LF(4 EA)
TRAFFIC SIGNAL CABLE (5C/14A.W.G)	10 LF

TO REMAIN
DO NOT ENTER

THIS SITE HAS EXISTING CCTV COVERAGE AT STA. 216+87 I-55 NB (CAMERA #1019)

LOCATION: EXIT 4 SB OFF RAMP TO MLK JR DR
CITY: WEST MEMPHIS
COUNTY: CRITTENDEN
DISTRICT: 1 SCALE: 1"=100' DRAWN BY: SA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	261	273
		WWDS I-55 PLAN SHEET I-55_7-S				

STATE OF ARKANSAS
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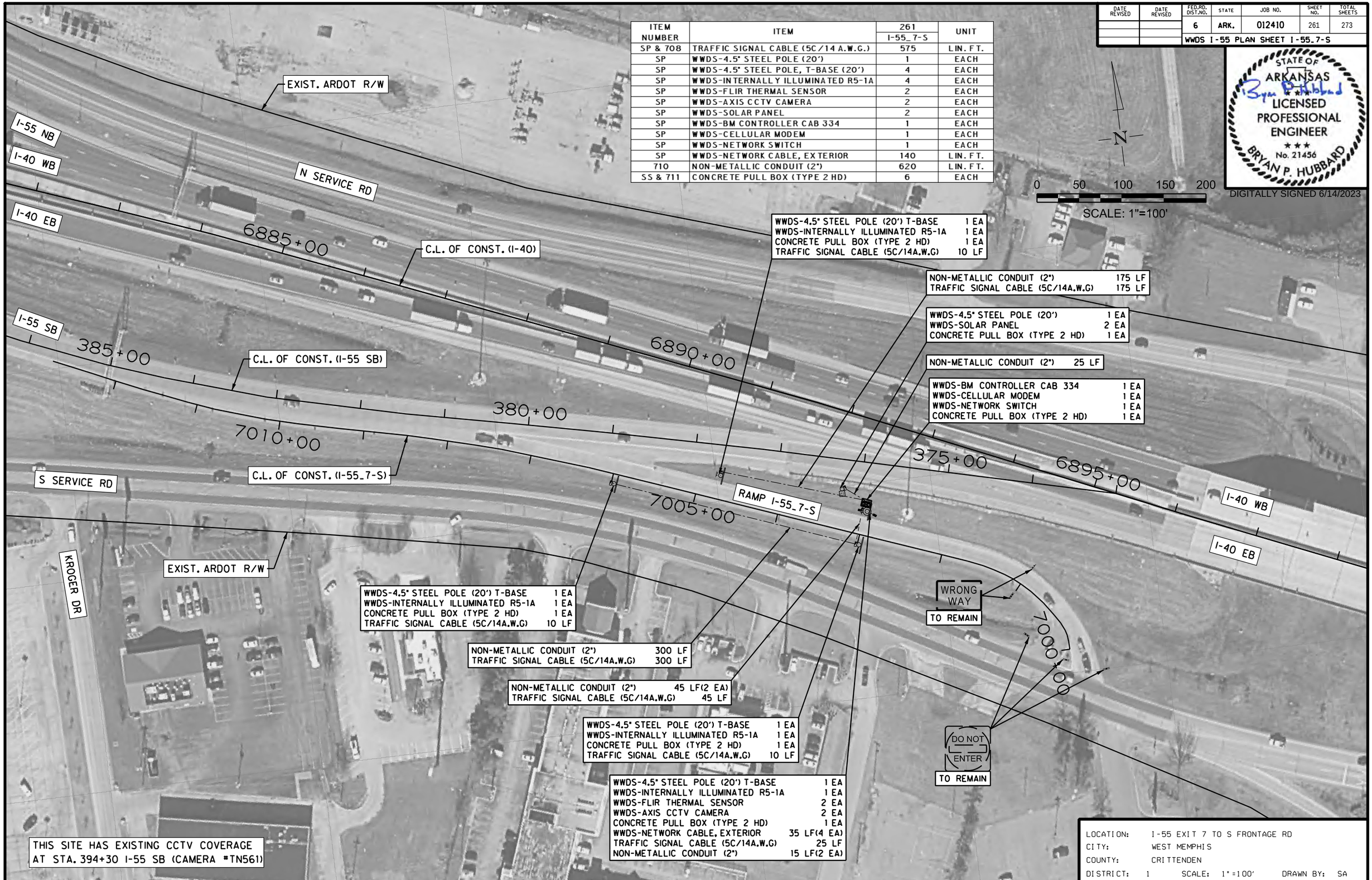
ITEM NUMBER	ITEM	261 I-55_7-S	UNIT
SP & 708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	575	LIN. FT.
SP	WWDS-4.5" STEEL POLE (20')	1	EACH
SP	WWDS-4.5" STEEL POLE, T-BASE (20')	4	EACH
SP	WWDS-INTERNALLY ILLUMINATED R5-1A	4	EACH
SP	WWDS-FLIR THERMAL SENSOR	2	EACH
SP	WWDS-AXIS CCTV CAMERA	2	EACH
SP	WWDS-SOLAR PANEL	2	EACH
SP	WWDS-BM CONTROLLER CAB 334	1	EACH
SP	WWDS-CELLULAR MODEM	1	EACH
SP	WWDS-NETWORK SWITCH	1	EACH
SP	WWDS-NETWORK CABLE, EXTERIOR	140	LIN. FT.
710	NON-METALLIC CONDUIT (2")	620	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	6	EACH



LOCATION: I-55 EXIT 7 TO S FRONTAGE RD
CITY: WEST MEMPHIS
COUNTY: CRITTENDEN
DISTRICT: 1 SCALE: 1"=100' DRAWN BY: SA

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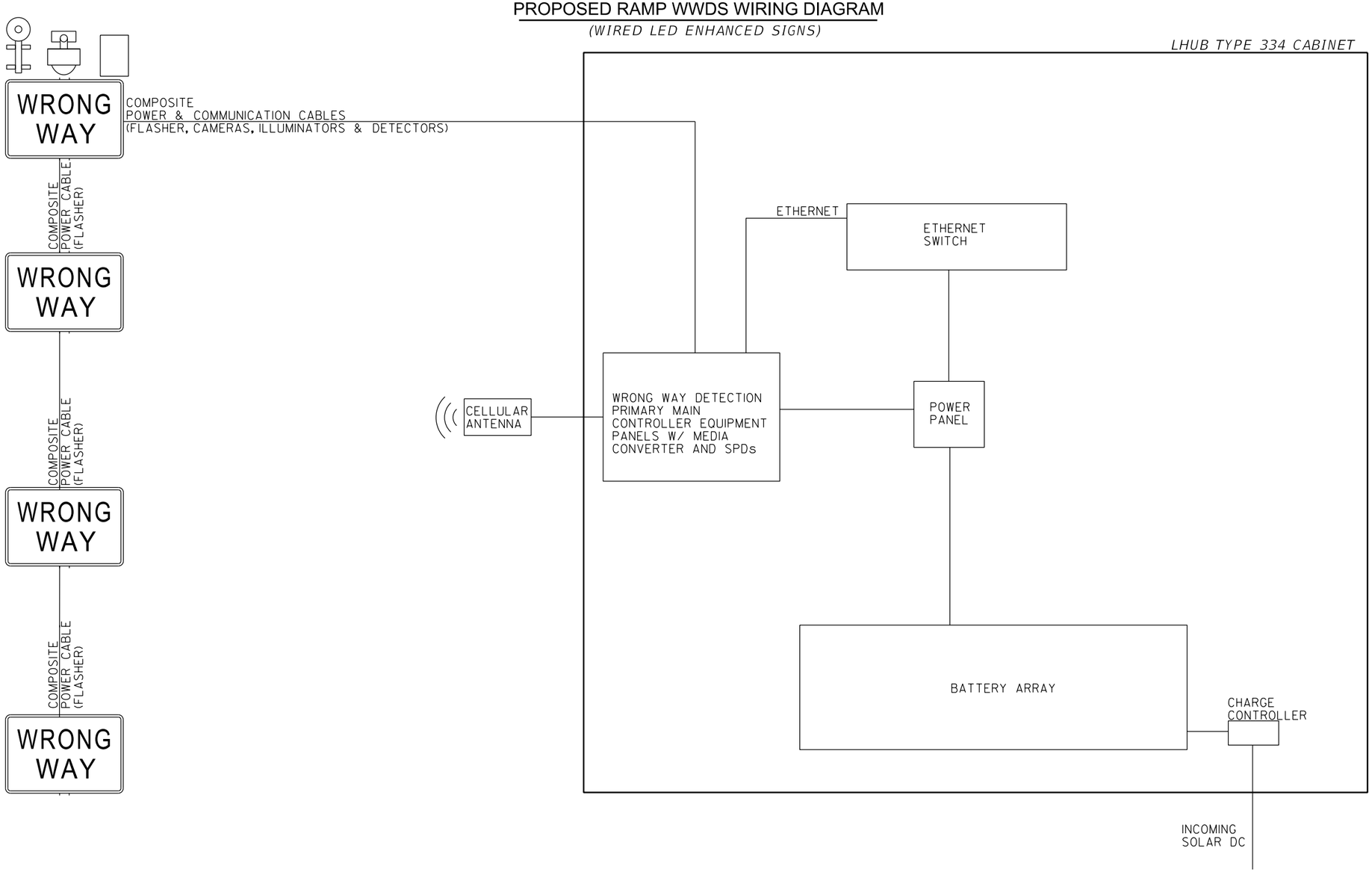
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	262	273
		WWDS WIRING DIAGRAMS (1 OF 2)				

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023

PROPOSED RAMP WWDS WIRING DIAGRAM

(WIRED LED ENHANCED SIGNS)



LOCATION: ARKANSAS
CITY: VARIOUS
COUNTY: VARIOUS
DISTRICT: 6 & 1 SCALE: NTS DRAWN BY: SMD

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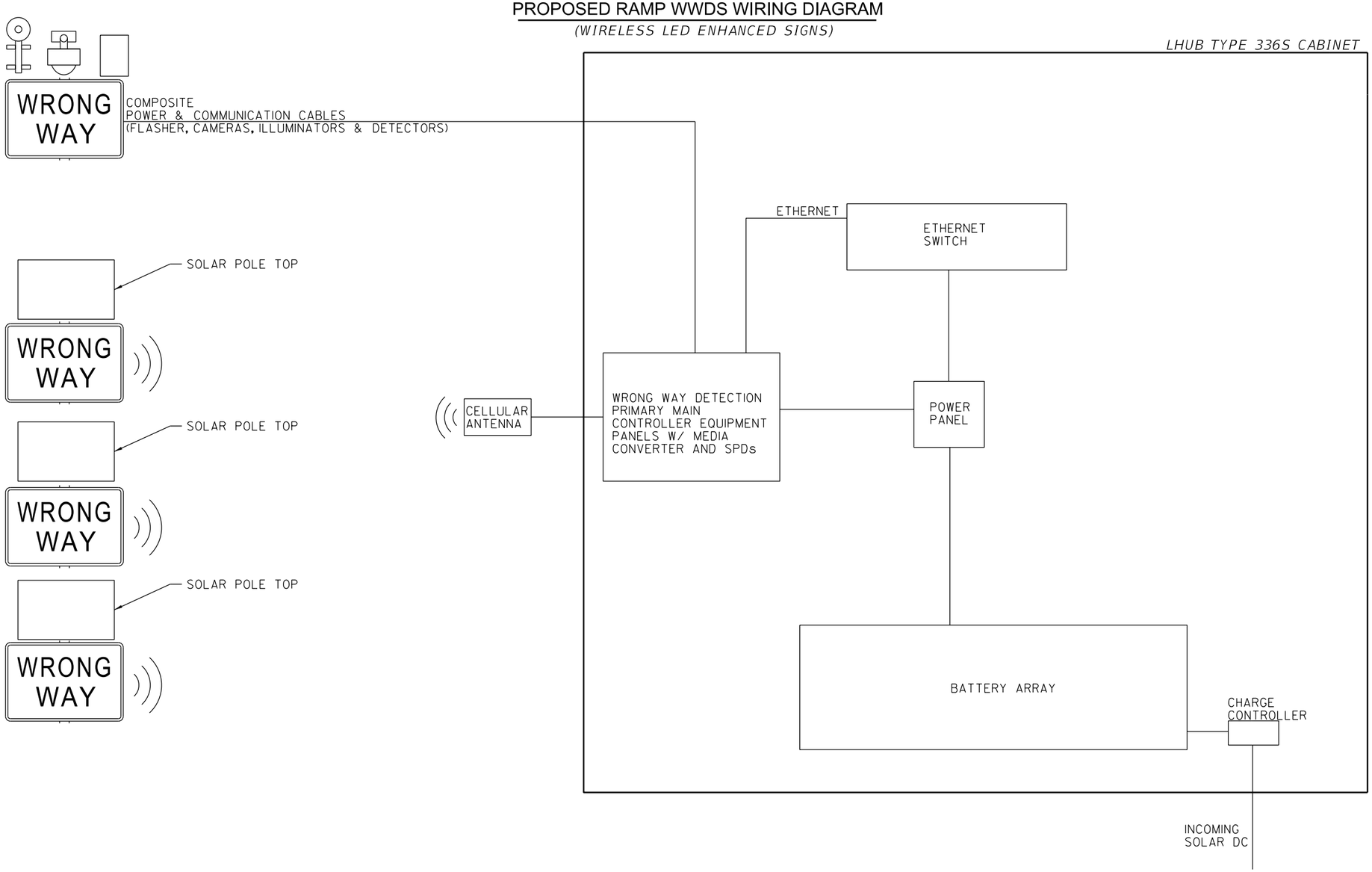
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	263	273
		WWDS WIRING DIAGRAMS (2 OF 2)				

STATE OF ARKANSAS
Bryan Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023

PROPOSED RAMP WWDS WIRING DIAGRAM

(WIRELESS LED ENHANCED SIGNS)



LOCATION:	ARKANSAS				
CITY:	VARIOUS				
COUNTY:	VARIOUS				
DISTRICT:	6 & 1	SCALE:	NTS	DRAWN BY:	ARL

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	264	273
		WWDS POLE SUPPORT DETAILS				

STATE OF ARKANSAS
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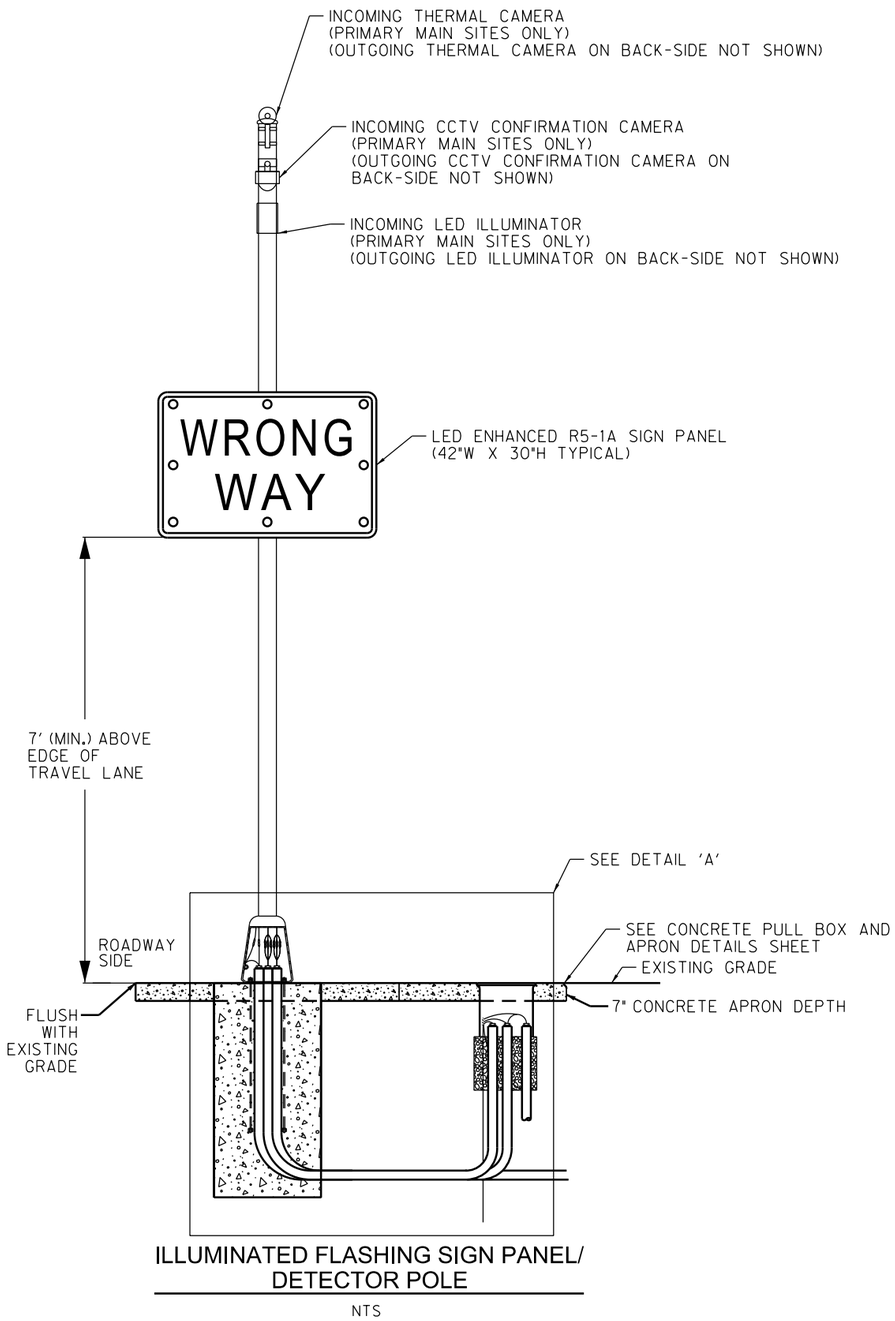
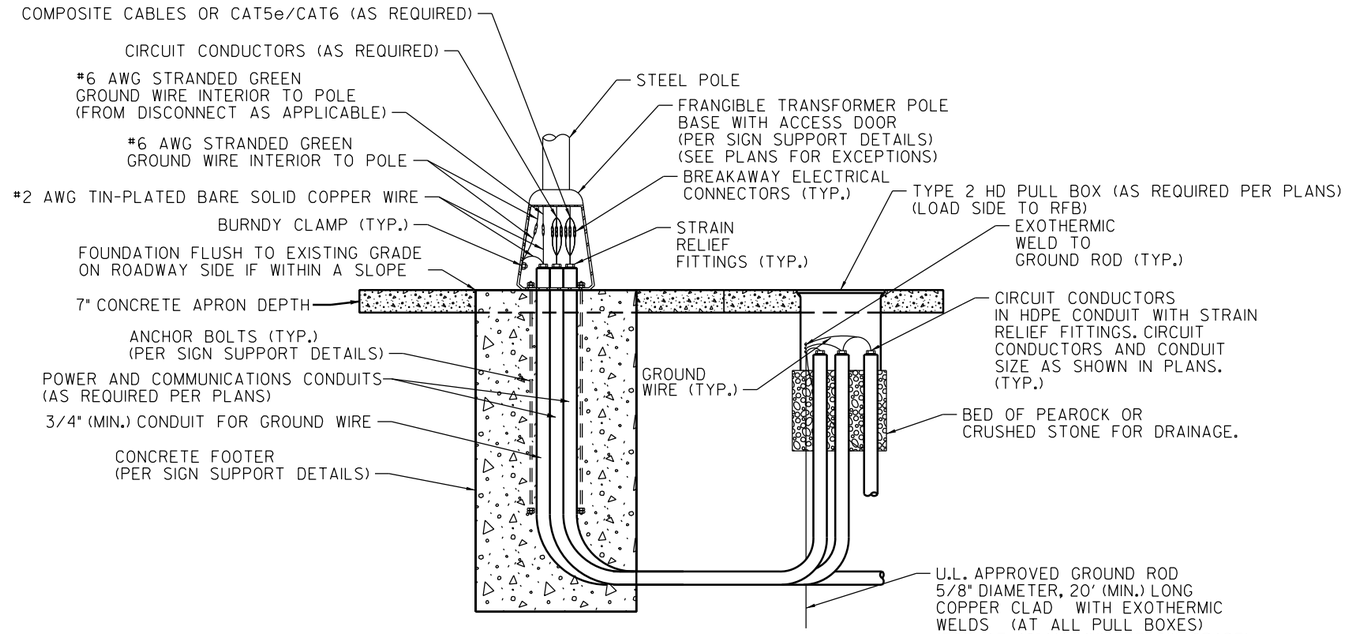


ILLUMINATED FLASHING SIGN PANEL/
DETECTOR POLE

NTS



DETAIL 'A'
POLE WIRING DETAIL

NTS

LOCATION: ARKANSAS
CITY: VARIOUS
COUNTY: VARIOUS
DISTRICT: 6 & 1 SCALE: NTS DRAWN BY: ARL

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	265	273
		WWDS SIGN SUPPORT DETAILS (1 OF 3)				

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
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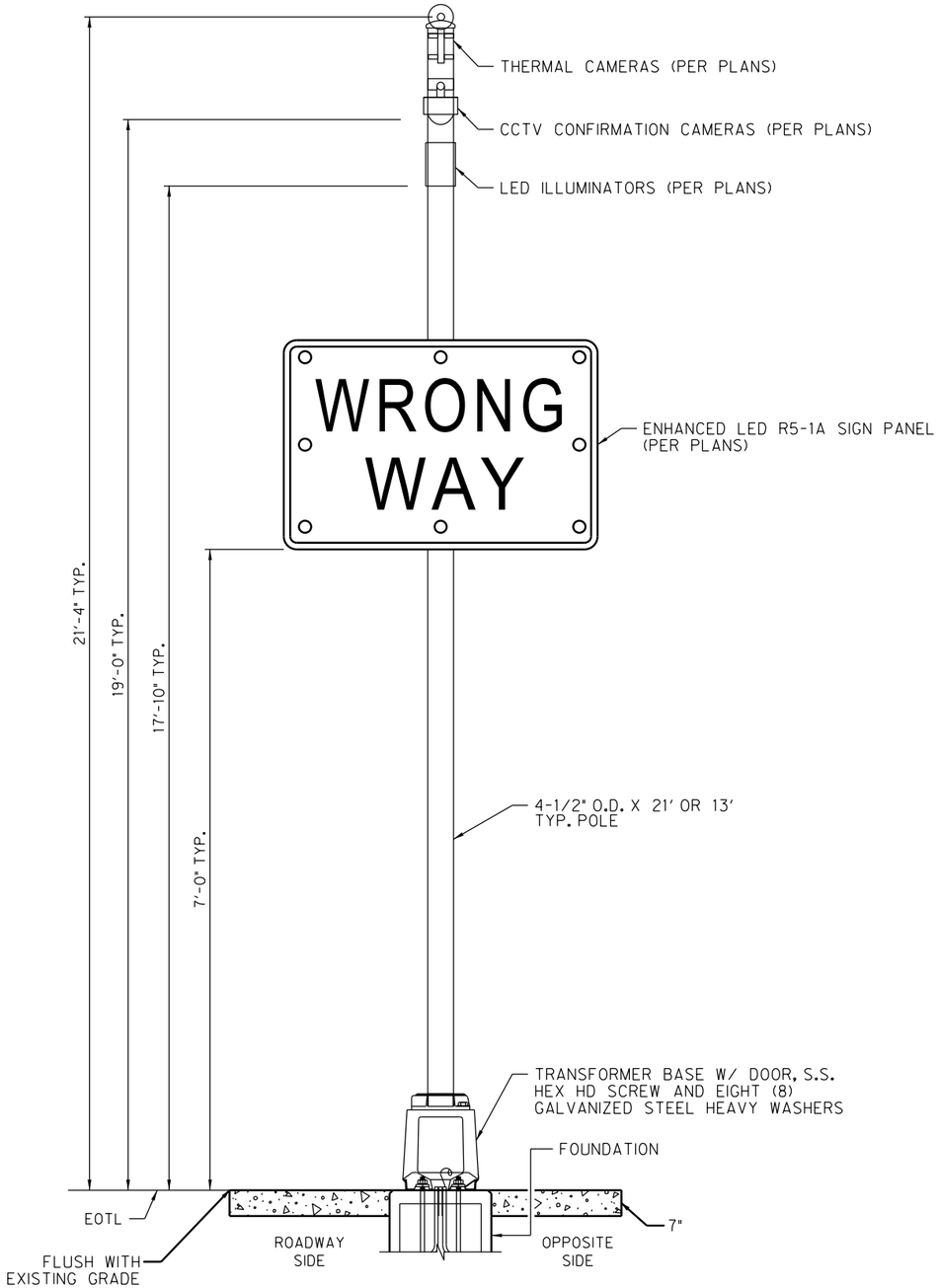
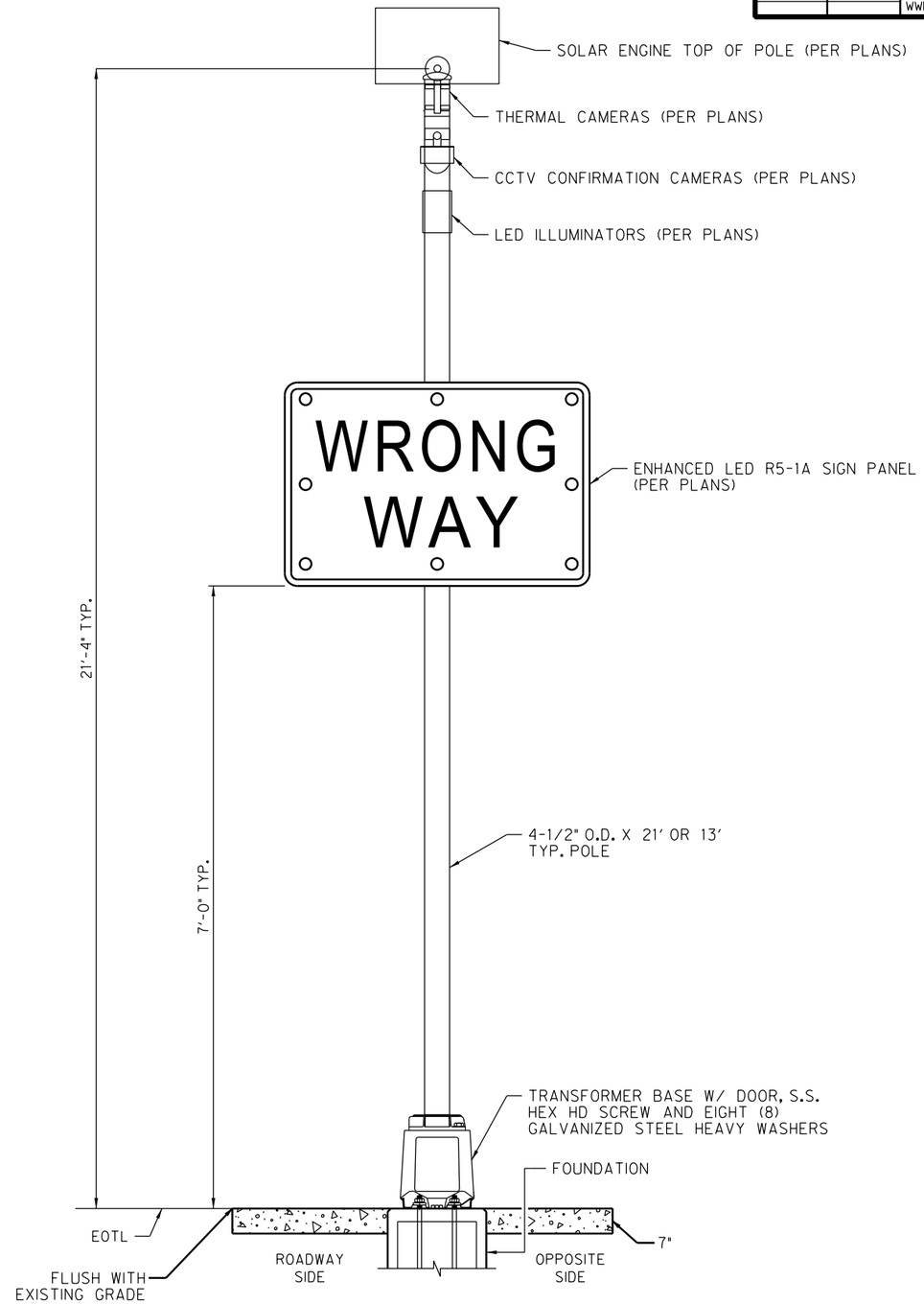
DIGITALLY SIGNED 6/14/2023



WRONG WAY SYSTEM EQUIPMENT
TYPICAL ELEVATION (WIRED)
NTS



WRONG WAY SYSTEM EQUIPMENT
TYPICAL ELEVATION (WIRELESS)
NTS

NOTES:
1. ALL EQUIPMENT SHALL BE MOUNTED PER MANUFACTURER'S RECOMMENDATIONS.
2. STANDARD WARNING POLE INCLUDES ENHANCED LED SIGN PANEL AND TYPICAL 13 FOOT POLE HEIGHT. POLES SHALL BE CUT TO MEET HEIGHT REQUIREMENTS.
3. WIRELESS WARNING POLE INCLUDES SOLAR ENGINE TOP OF POLE, ENHANCED LED SIGN PANEL, AND TYPICAL 13 FOOT POLE HEIGHT.
4. DETECTOR / VERIFICATION POLE INCLUDES LED ILLUMINATORS, CAMERAS, THERMAL SENSORS AND TYPICAL 20 FOOT POLE HEIGHT. ENHANCED LED SIGN PANEL INCLUDED AS SHOWN IN PLANS.
5. FOR LOCATION OF SIGNS AND OTHER ATTACHMENTS TO THE POLE, SEE PLANS SHEETS.

LOCATION: ARKANSAS
CITY: VARIOUS
COUNTY: VARIES
DISTRICT: 6 & 1 SCALE: NTS DRAWN BY: ARL

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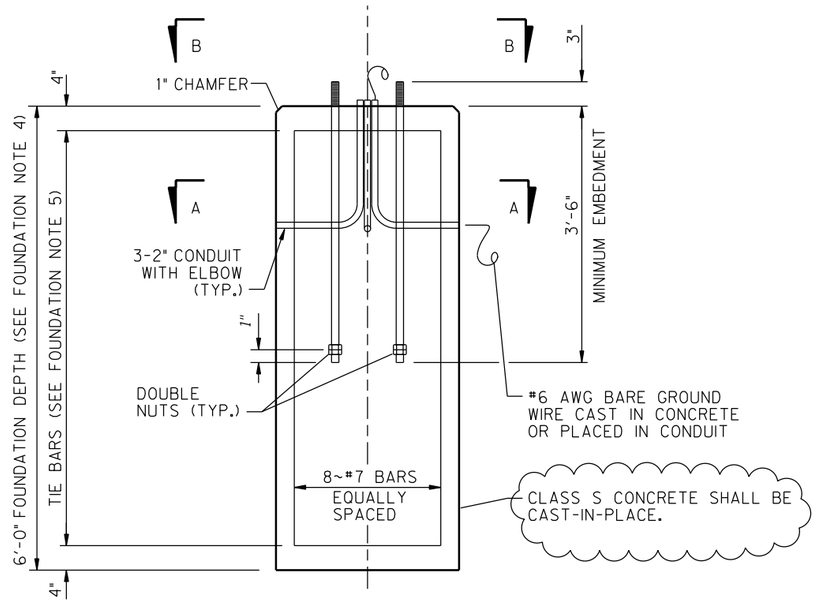
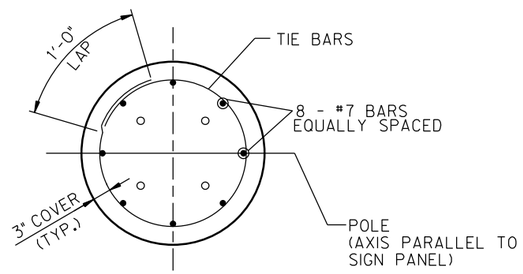
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
08-07-2023		6	ARK.	012410	266	273
		WWDS SIGN SUPPORT DETAILS (2 OF 3)				

STATE OF ARKANSAS
Bryan P Hubbard
★ ★ ★
LICENSED PROFESSIONAL ENGINEER
★ ★ ★
No. 21456
BRYAN P. HUBBARD

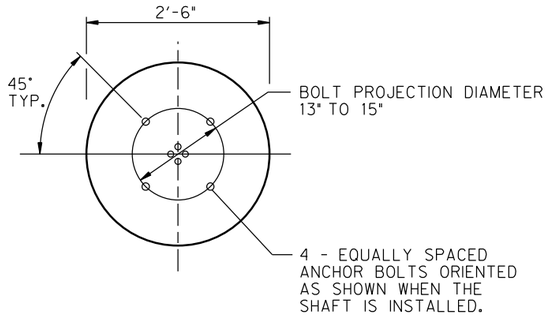
DIGITALLY SIGNED 8/7/2023



FOUNDATION



SECTION A-A



SECTION B-B

FOUNDATION NOTES:

1. ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, 2014 EDITION.
2. AASHTO LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS, FIRST EDITION 2015 AND INTERIMS THROUGH 2017.
3. SUBMIT SHOP DRAWINGS FOR THE POLE ASSEMBLY INCLUDING FRANGIBLE BASE INFORMATION CERTIFICATIONS AND TEST DATA FOR REVIEW AND APPROVAL.
4. DEPTHS SHOWN ARE FOR SLOPES FLATTER THAN 1:4, FOR SLOPES 1:2 OR STEEPER, ADD 2'-6" TO FOUNDATION DEPTHS SHOWN.
5. FOUNDATION TIE BARS: #4 TIE BARS @ 12" CENTERS (MAX.)
6. CLASS ICONCRETE, F'C = 3000 PSI(MIN. 28 DAY COMPRESSIVE STRENGTH)

LOCATION:	ARKANSAS			
CITY:	VARIOUS			
COUNTY:	VARIOUS			
DISTRICT:	6 & 1	SCALE: NTS	DRAWN BY:	ARL

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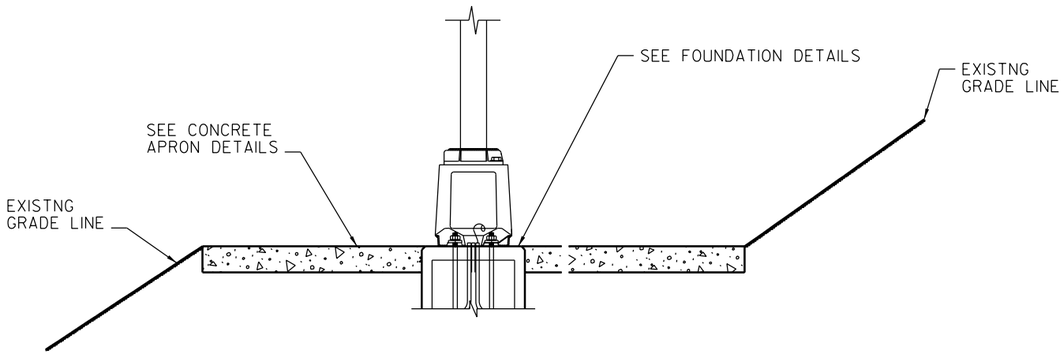
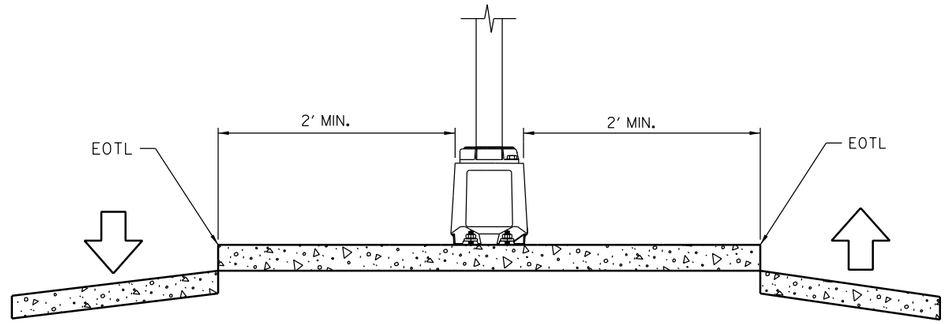
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	267	273
		WWDS SIGN SUPPORT DETAILS (3 OF 3)				

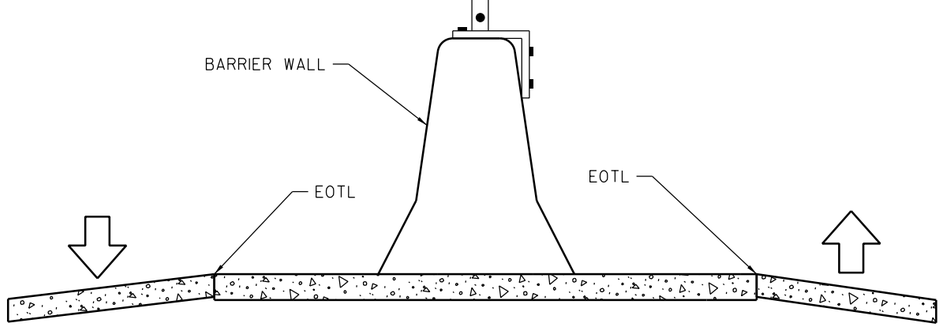
STATE OF ARKANSAS
Bryan Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
DIGITALLY SIGNED 6/14/2023



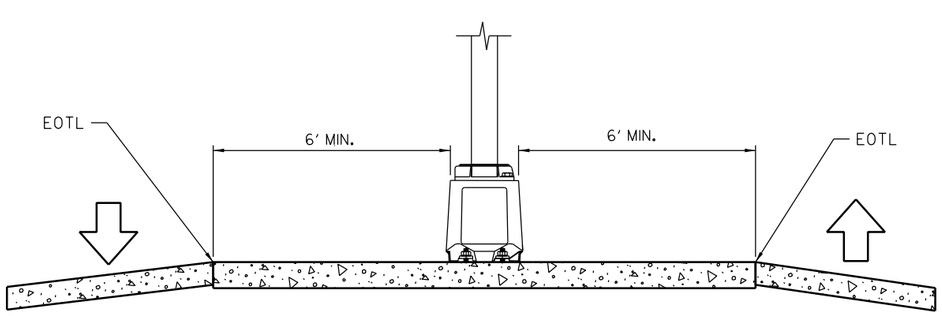
MOUNTING IN SLOAD AREAS
NTS



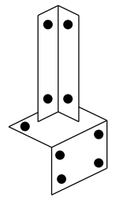
MOUNTING IN TRAFFIC SEPARATOR
(WIRELESS SITES ONLY)
NTS



MOUNTING ON CONCRETE BARRIER WALLS
(WIRELESS SITES ONLY)
NTS



MOUNTING IN PAVEMENT GORE AREAS
(WIRELESS SITES ONLY)
NTS



DETAIL A*
NTS

• WHEN A WRONG WAY SIGN OR DETECTOR POLE MUST BE MOUNTED ON A CONCRETE BARRIER WALL, USE CBM175-250-G (XCESSORIES SQUARED DEVELOPMENT & MFG) OR APPROVED EQUIVALENT MOUNTING BRACKET. THE LOWER BRACKET SHALL BE MOUNTED TO THE BARRIER WALL AND SQUARE TUBING SHALL BE MOUNTED TO THE UPPER BRACKET. PAYMENT SHALL BE INCIDENTAL TO VARIOUS CONTRACT ITEMS.

LOCATION:	ARKANSAS			
CITY:	VARIOUS			
COUNTY:	VARIOUS			
DISTRICT:	6 & 1	SCALE: NTS	DRAWN BY:	ARL

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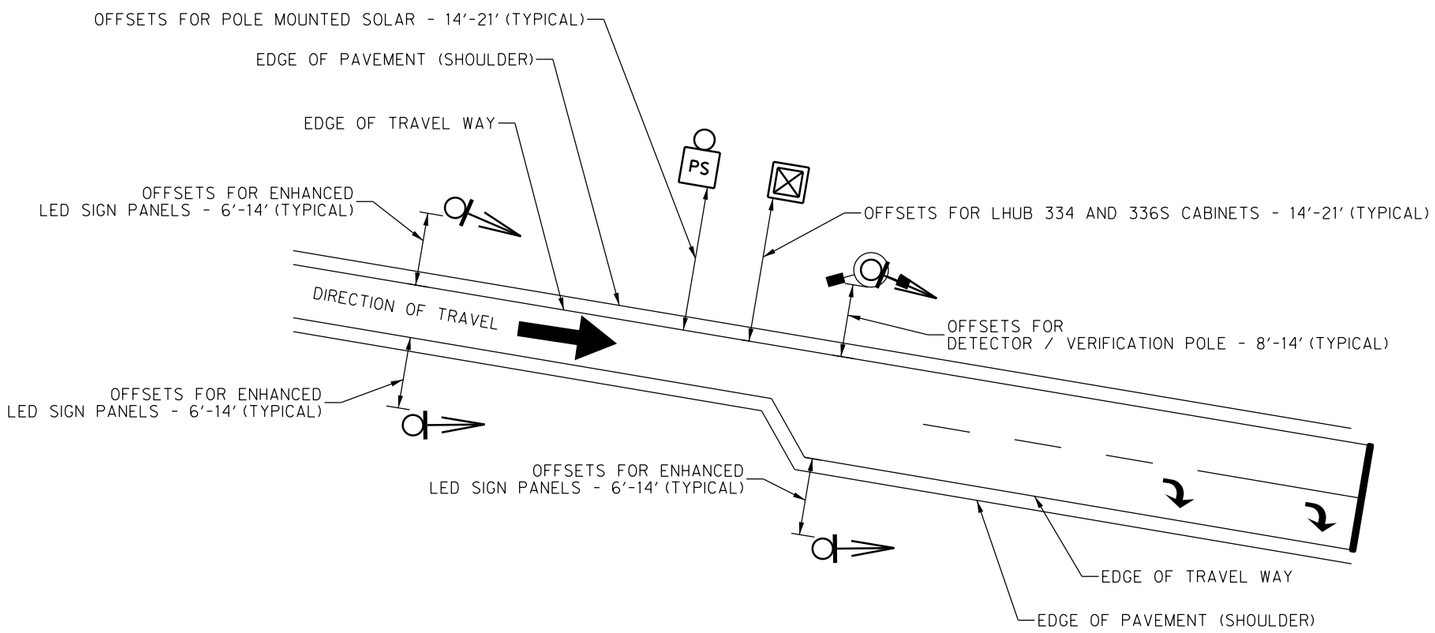
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	268	273
		WWDS TYPICAL RAMP DETECTION				

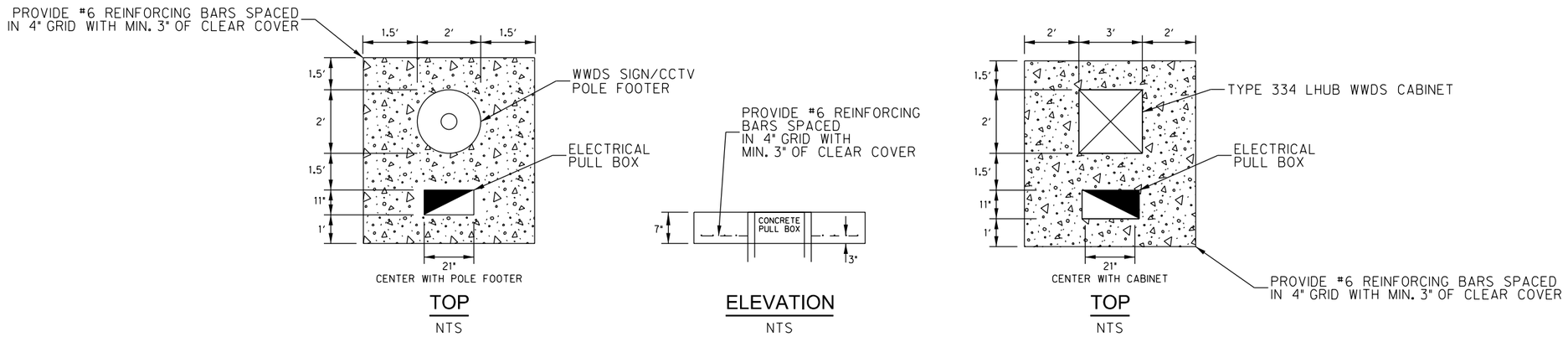
STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023



TYPICAL OFFSET SITE LAYOUT

NTS



TOP
NTS

ELEVATION
NTS

TOP
NTS

CONCRETE APRON DETAILS

NTS

NOTES:

1. ALL DIMENSIONS ARE TYPICAL UNLESS OTHERWISE SHOWN IN THE PLANS.
2. SEE PLANS FOR SITE SPECIFIC DETAILS, EQUIPMENT PLACEMENT, NUMBER OF LANES AND SITE LAYOUT.
3. SIGN, DETECTOR AND CABINETS SHALL NOT OBSTRUCT SIGHT DISTANCE OF ANOTHER EXISTING SIGN OR DEVICE.
4. CABINETS AND PULL BOXES SHALL NOT BE INSTALLED IN THE DITCH BOTTOM.
5. CONTRACTOR SHALL COORDINATE WITH MANUFACTURER REPRESENTATIVE TO FIELD ADJUST EACH INSTALLATION FOR MAXIMUM ACCURACY. MANUFACTURER CERTIFICATE SHALL BE PROVIDED PER SITE.
6. LED WRONG WAY SIGN SPACING MAY BE INCREASED TO AVOID OBSTRUCTIONS PREVENTING CLEAR LINE OF SIGHT FOR WRONG WAY DRIVERS.
7. FOUNDATIONS AND CONCRETE PADS SHALL NOT PROTRUDE GREATER THAN 4 INCHES.
8. ALL EQUIPMENT AND MATERIAL PLACEMENT SHALL ADHERE TO AASHTO ROADSIDE DESIGN GUIDE - 4TH EDITION (2011). (INCLUDING FEBRUARY 2012 AND JULY 2015 ERRATA)

LOCATION: ARKANSAS
CITY: VARIOUS
COUNTY: VARIOUS
DISTRICT: 6 & 1 SCALE: NTS DRAWN BY: ARL

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	269	273
		WWDS TYPICAL RAMP LAYOUT				

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD
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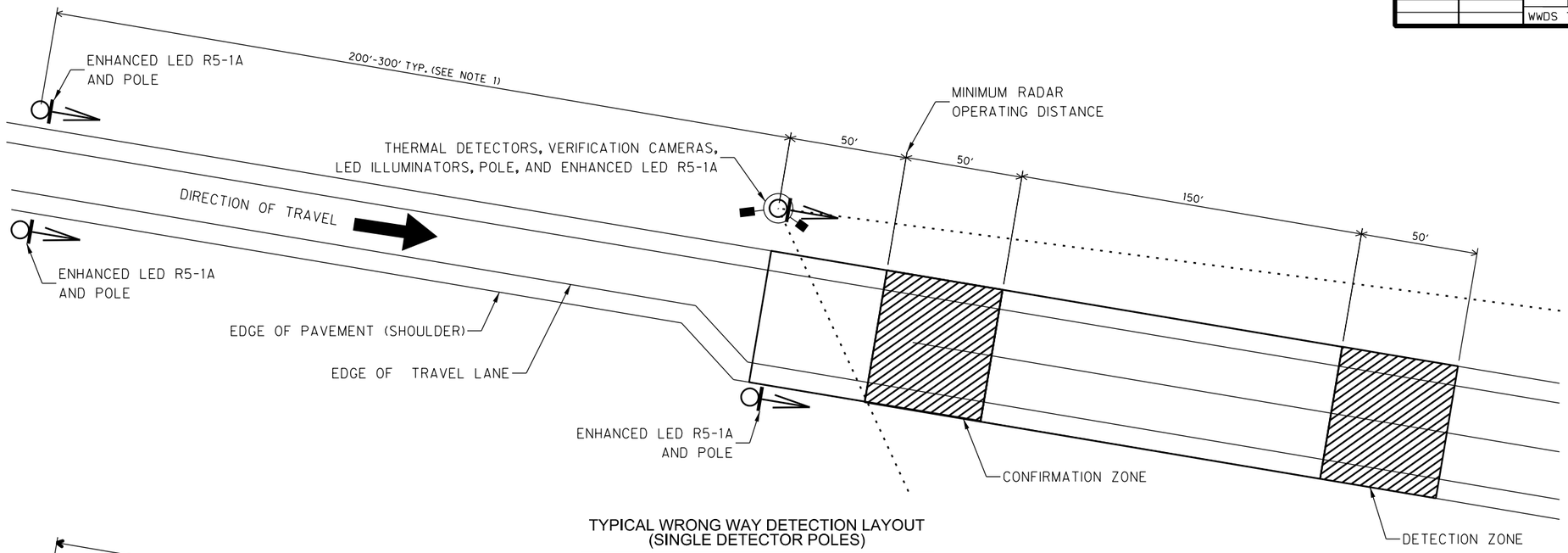
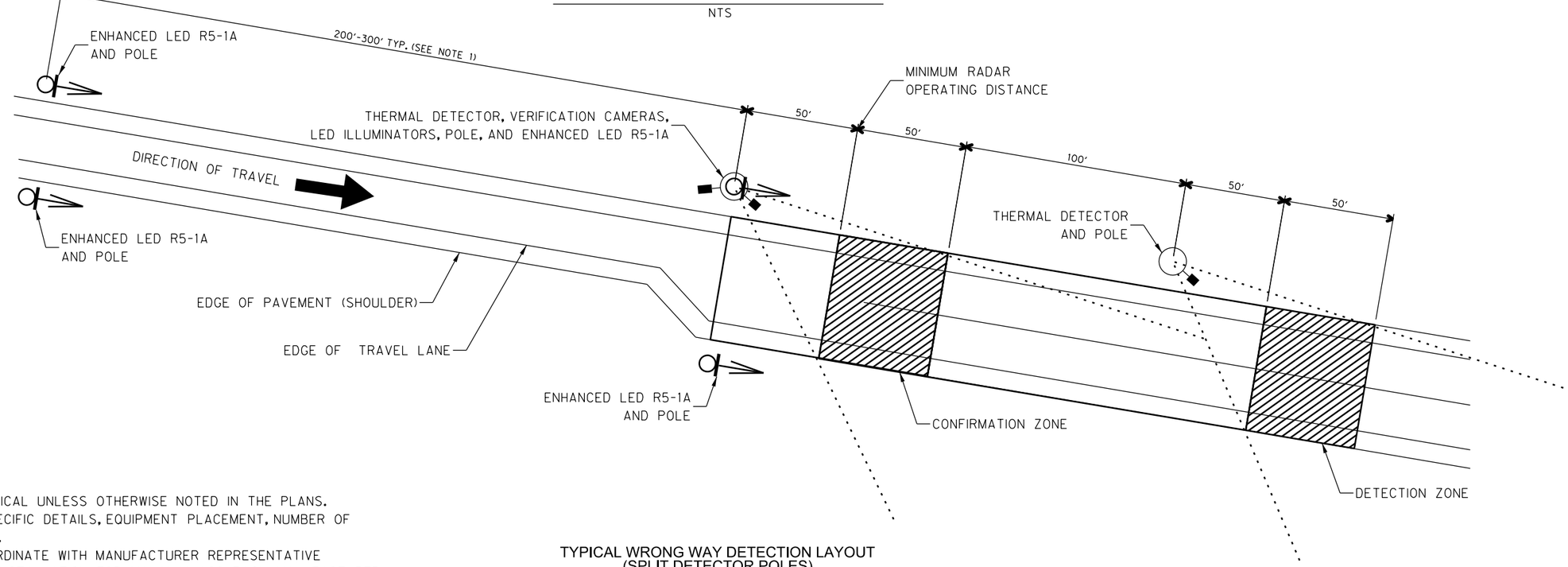


TYPICAL WRONG WAY DETECTION LAYOUT
(SINGLE DETECTOR POLES)

NTS



TYPICAL WRONG WAY DETECTION LAYOUT
(SPLIT DETECTOR POLES)

NTS

NOTES:

1. ALL DIMENSIONS ARE TYPICAL UNLESS OTHERWISE NOTED IN THE PLANS.
2. SEE PLANS FOR SITE SPECIFIC DETAILS, EQUIPMENT PLACEMENT, NUMBER OF LANES AND SITE LAYOUT.
3. CONTRACTOR SHALL COORDINATE WITH MANUFACTURER REPRESENTATIVE TO FIELD ADJUST EACH INSTALLATION FOR MAXIMUM ACCURACY. MANUFACTURER CERTIFICATE SHALL BE PROVIDED PER SITE.
4. DETECTION ZONES SHALL INCLUDE COVERAGE OF THE ROADWAY SHOULDERS.
5. LED WRONG WAY SIGN SPACING MAY BE INCREASED TO AVOID OBSTRUCTIONS PREVENTING CLEAR LINE OF SIGHT FOR WRONG WAY DRIVERS.
6. ALL EQUIPMENT AND MATERIAL PLACEMENT SHALL ADHERE TO AASHTO ROADSIDE DESIGN GUIDE - 4TH EDITION (2011). (INCLUDING FEBRUARY 2012 AND JULY 2015 ERRATA)

LOCATION:	ARKANSAS		
CITY:	VARIOUS		
COUNTY:	VARIOUS		
DISTRICT:	6 & 1	SCALE: NTS	DRAWN BY: SMD

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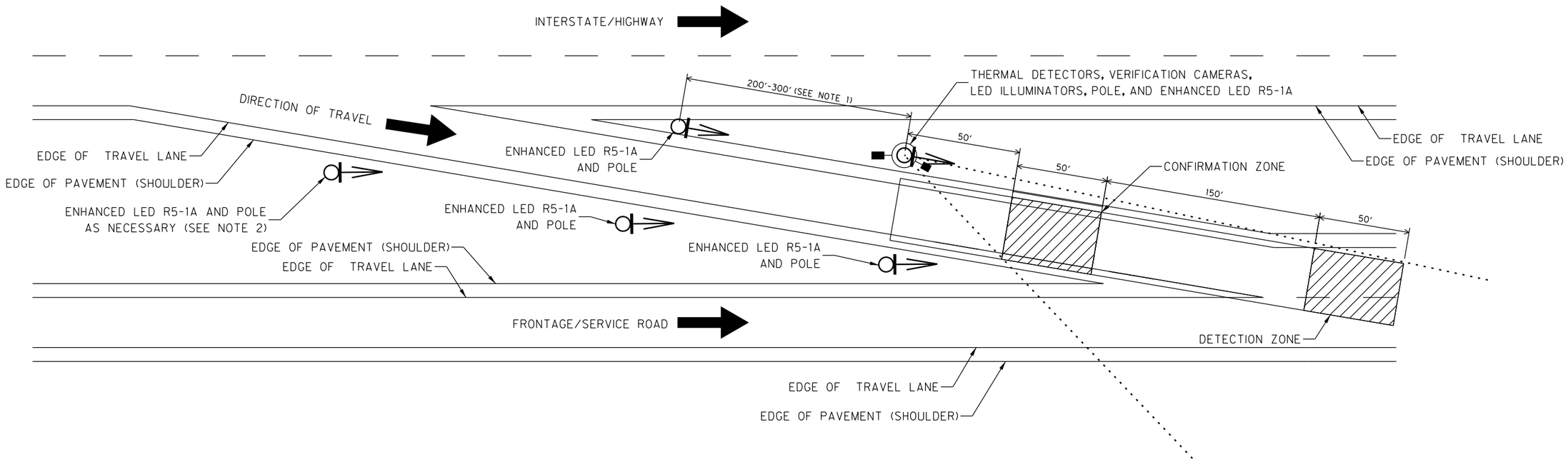
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	270	273
		WWDS TYPICAL SLIP RAMP LAYOUT				

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

DIGITALLY SIGNED 6/14/2023



TYPICAL SLIP RAMP LAYOUT

NTS

NOTES:

1. ALL DIMENSIONS ARE TYPICAL UNLESS OTHERWISE NOTED IN THE PLANS.
2. SEE PLANS FOR SITE SPECIFIC DETAILS, EQUIPMENT PLACEMENT, NUMBER OF LANES AND SITE LAYOUT.
3. CONTRACTOR SHALL COORDINATE WITH MANUFACTURER REPRESENTATIVE TO FIELD ADJUST EACH INSTALLATION FOR MAXIMUM ACCURACY. MANUFACTURER CERTIFICATE SHALL BE PROVIDED PER SITE.
4. DETECTION ZONES SHALL INCLUDE COVERAGE OF THE ROADWAY SHOULDERS.
5. LED WRONG WAY SIGN SPACING MAY BE INCREASED TO AVOID OBSTRUCTIONS PREVENTING CLEAR LINE OF SIGHT FOR WRONG WAY DRIVERS.
6. ALL EQUIPMENT AND MATERIAL PLACEMENT SHALL ADHERE TO AASHTO ROADSIDE DESIGN GUIDE - 4TH EDITION (2011). (INCLUDING FEBRUARY 2012 AND JULY 2015 ERRATA)

LOCATION: ARKANSAS
CITY: VARIOUS
COUNTY: VARIOUS
DISTRICT: 6 & 1 SCALE: NTS DRAWN BY: SMD

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	271	273
		WWDS TYPICAL CIRCLE RAMP LAYOUT				

STATE OF ARKANSAS
Bryan P Hubbard
LICENSED PROFESSIONAL ENGINEER
No. 21456
BRYAN P. HUBBARD

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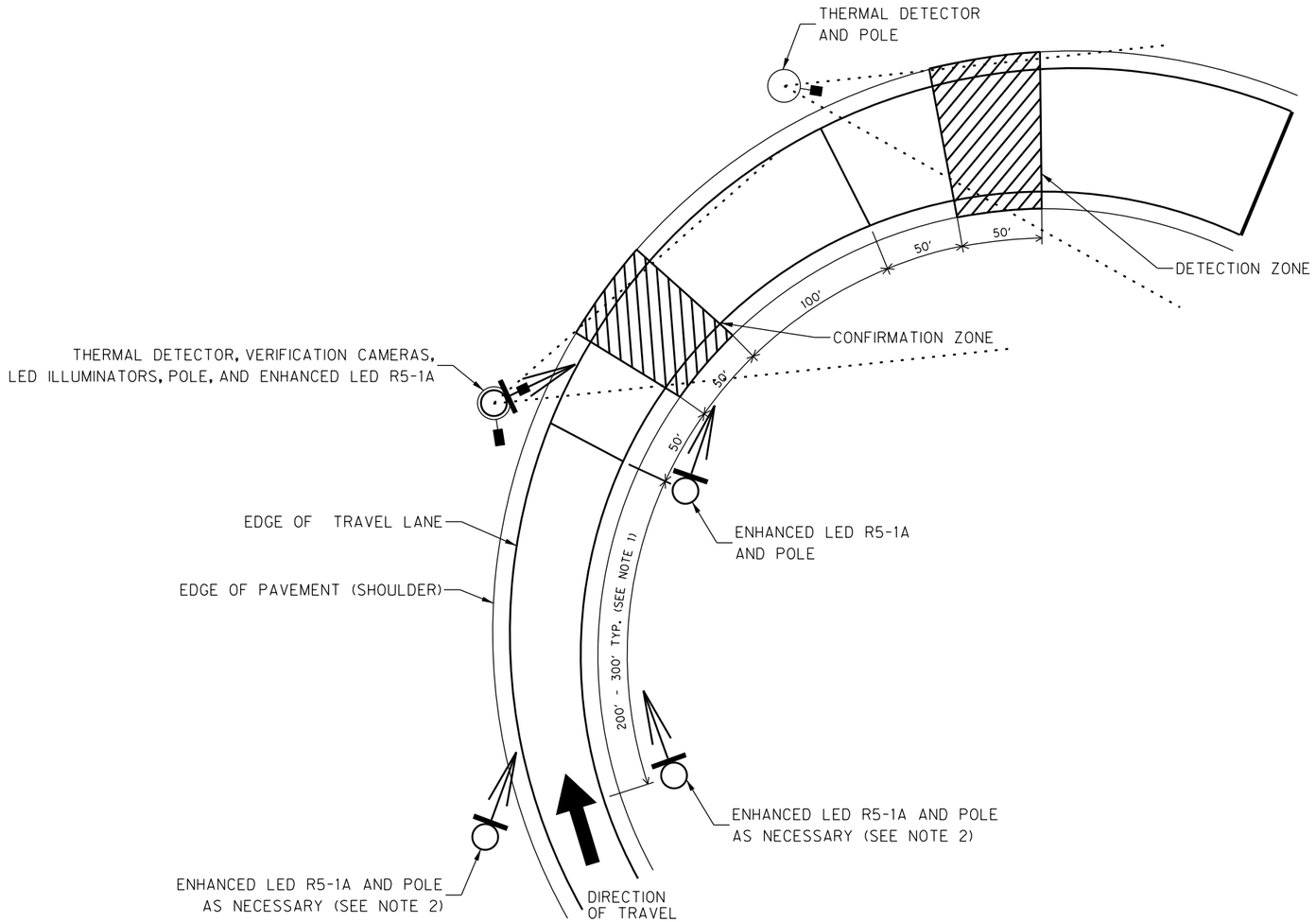

NOTES:

1. ALL DIMENSIONS ARE TYPICAL UNLESS OTHERWISE NOTED IN THE PLANS.
2. SEE PLANS FOR SITE SPECIFIC DETAILS, EQUIPMENT PLACEMENT, NUMBER OF LANES AND SITE LAYOUT.
3. CONTRACTOR SHALL COORDINATE WITH MANUFACTURER REPRESENTATIVE TO FIELD ADJUST EACH INSTALLATION FOR MAXIMUM ACCURACY. MANUFACTURER CERTIFICATE SHALL BE PROVIDED PER SITE.
4. DETECTION ZONES SHALL INCLUDE COVERAGE OF THE ROADWAY SHOULDERS.
5. LED WRONG WAY SIGN SPACING MAY BE INCREASED TO AVOID OBSTRUCTIONS PREVENTING CLEAR LINE OF SIGHT FOR WRONG WAY DRIVERS.
6. ALL EQUIPMENT AND MATERIAL PLACEMENT SHALL ADHERE TO AASHTO ROADSIDE DESIGN GUIDE - 4TH EDITION (2011). (INCLUDING FEBRUARY 2012 AND JULY 2015 ERRATA)

TYPICAL CIRCLE RAMP LAYOUT

NTS

LOCATION:	ARKANSAS			
CITY:	VARIOUS			
COUNTY:	VARIOUS			
DISTRICT:	6 & 1	SCALE: NTS	DRAWN BY:	SMD

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
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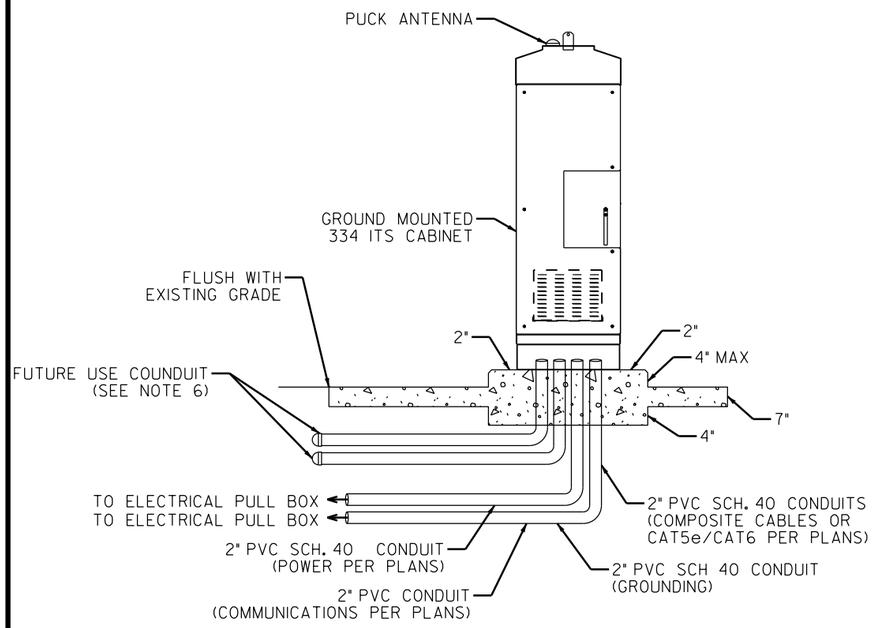
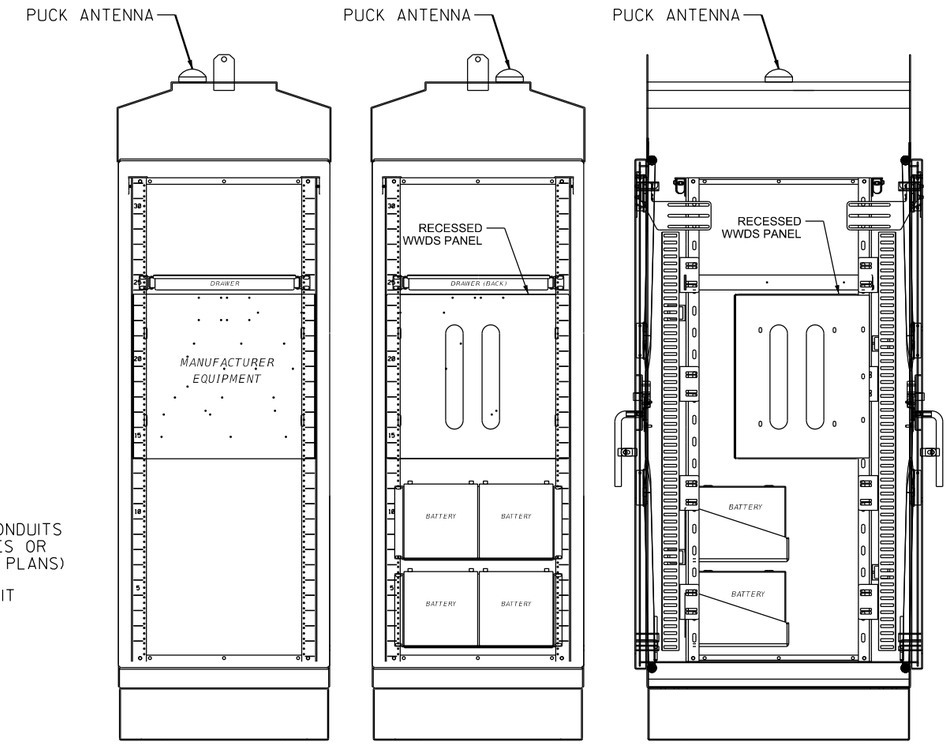
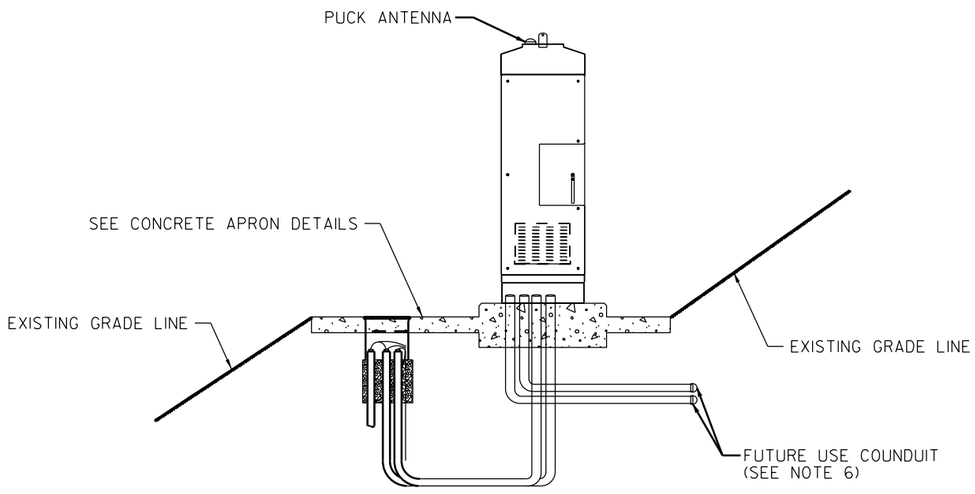
		WWDS CABINET DETAILS				



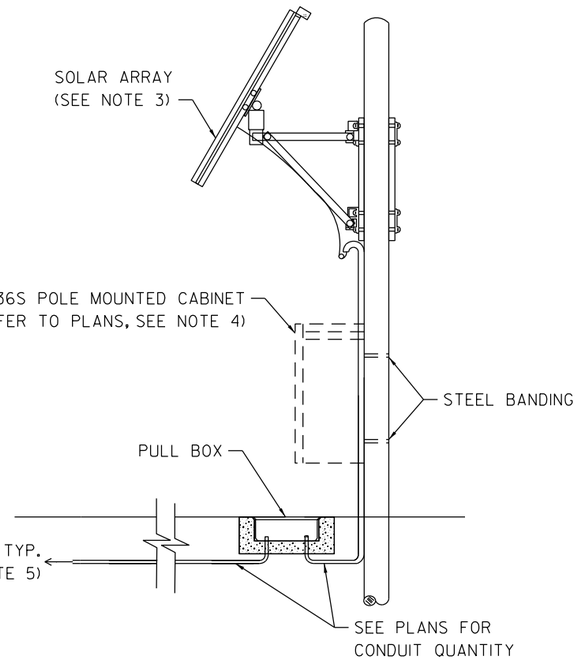
GROUND MOUNTED WWDS CABINET DETAIL
NTS



WWDS CABINET LAYOUT
NTS



SLOPE MOUNTED WWDS CABINET DETAIL
NTS



WWDS POLE MOUNTED SOLAR
NTS

NOTES:
1. REFER TO WWDS MANUFACTURER'S RECOMENDATIONS FOR DEVICE PLACEMENT INSIDE CABINET.
2. AN INSTALLATION MANUAL PROVIDED BY THE WWDS MANUFACTURER SHALL BE PLACED INSIDE EACH CABINET.
3. SOLAR ARRAY POSITIONING AND MOUNTING SHALL BE PER MANUFACTURERS REQUIREMENTS.
4. 336S POLE MOUNTED CABINET SHALL BE USED FOR ENTIRELY WIRELESS SITES AND NEW CCTV SITES ONLY.
5. CONDUIT SHALL RUN FROM SOLAR POLE TO DETECTION POLE FOR ENTIRELY WIRELESS INSTALLATIONS.
6. STUB FUTURE USE CONDUIT (2 EA) 1' PAST CONCRETE APRON. STUB OUT SHALL FACE INTERSTATE OR AS DIRECTED BY ENGINEER. CAP CONDUIT.
7. ALL EQUIPMENT AND MATERIAL PLACEMENT SHALL ADHERE TO AASHTO ROADSIDE DESIGN GUIDE - 4TH EDITION (2011). (INCLUDING FEBRUARY 2012 AND JULY 2015 ERRATA)

STATE OF ARKANSAS
Bryan Hubbard
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LOCATION:	ARKANSAS		
CITY:	VARIOUS		
COUNTY:	VARIOUS		
DISTRICT:	6 & 1	SCALE: NTS	DRAWN BY: SMD

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012410	273	273
		WWDS TILT TOWER DETAILS				

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 21456
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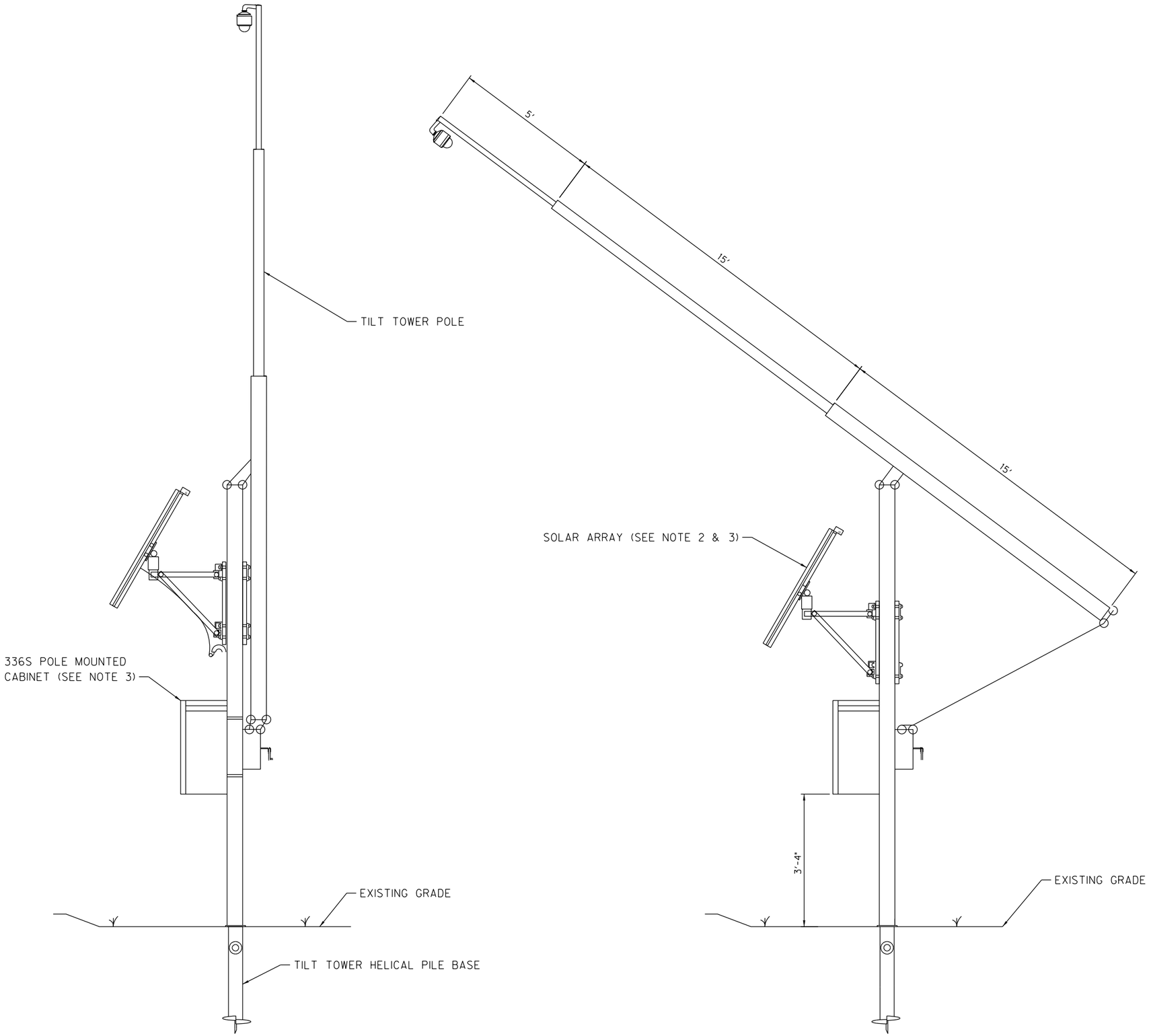

NOTE:

1. SEE PLANS FOR SITE SPECIFIC DETAILS, EQUIPMENT PLACEMENT, AND SITE LAYOUT.
2. SOLAR ARRAY POSITIONING AND MOUNTING SHALL BE PER MANUFACTURER'S RECOMMENDATIONS.
3. SOLAR ARRAY & CABINET SHALL BE MOUNTED ON THE POLE AS TO NOT INTERFERE WITH THE TILTING ACTION OF THE POLE.
4. ALL EQUIPMENT AND MATERIAL PLACEMENT SHALL ADHERE TO AASHTO ROADSIDE DESIGN GUIDE - 4TH EDITION (2011). (INCLUDING FEBRUARY 2012 AND JULY 2015 ERRATA)

LOCATION: ARKANSAS
CITY: VARIOUS
COUNTY: VARIOUS
DISTRICT: 6 & 1 SCALE: NTS DRAWN BY: ARL

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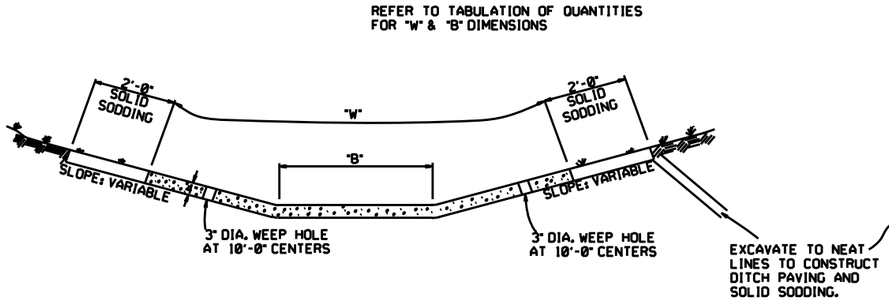
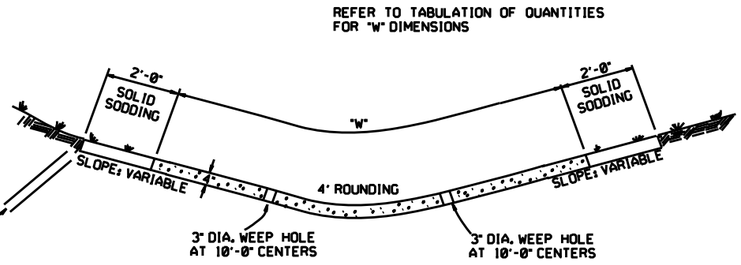
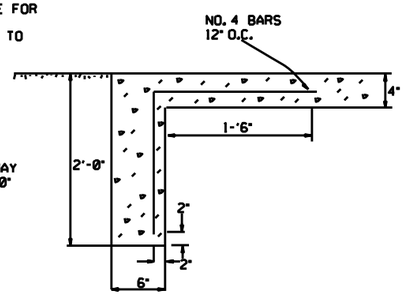


TYPE A



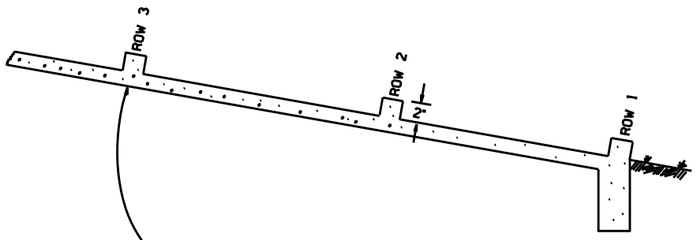
TYPE B

THE STEEL AND ADDITIONAL CONCRETE FOR THE WALLS SHALL NOT BE PAID FOR DIRECTLY, BUT SHALL BE CONSIDERED TO BE INCLUDED IN THE PRICE BID FOR "CONCRETE DITCH PAVING."



TOE WALL DETAIL FOR CONCRETE DITCH PAVING

TOE WALL DEPTH MAY BE ALTERED TO 1'-0" WHEN DIRECTED BY THE ENGINEER IN ROCK EXCAVATION



ENERGY DISSIPATORS
(NO SCALE)

ENERGY DISSIPATORS TO BE USED FOR THE ENTIRE LENGTH OF DITCH WHEN SLOPE OF DITCH PAVING EXCEEDS 7%. THE DISSIPATORS WILL NOT BE PAID FOR DIRECTLY, BUT SHALL BE CONSIDERED TO BE INCLUDED IN THE PRICE BID FOR CONCRETE DITCH PAVING.

GENERAL NOTES:

THE FULL WIDTH OF EACH SECTION SHALL BE POURED MONOLITHICALLY.

TOE WALLS TO BE CONSTRUCTED FULL WIDTH AT EACH END OF DITCH PAVING, AND POURED MONOLITHICALLY.

SOLID SOD ALONG DITCH PAVING TO BE PLACED WITHIN 14 DAYS OF DITCH PAVING CONSTRUCTION.

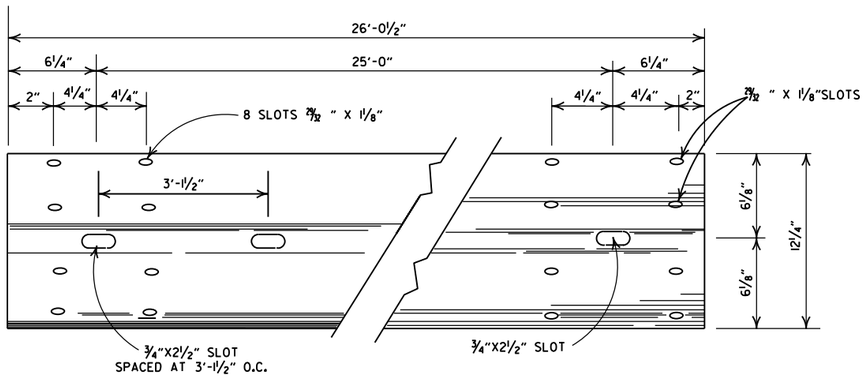
1" WIDE TRANSVERSE EXPANSION JOINTS SHALL BE PLACED IN CONCRETE DITCH PAVING AT 45° INTERVALS. THE SPACE SHALL BE FILLED WITH APPROVED JOINT FILLER COMPLYING WITH AASHTO M213.

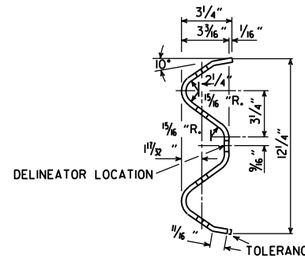
DATE	REVISION	DATE FILM'D
12-8-16	CORRECTED ENERGY DISSIPATOR DRAWING AND NOTE	
11-17-10	ADDED GENERAL NOTE	
6-2-94	ADDED GENERAL NOTE ABOUT SOLID SODDING	
11-30-8	ELIMINATED MIN. ROWS OF ELEMENTS	111-30-89
7-15-88	REVISED DISSIPATOR NOTE	653-7-15-88
4-3-87	REVISED ENERGY DISSIPATOR	671-4-3-87
1-9-87	MODIFIED NOTE ON ENERGY DISS.	532-1-9-87
11-3-86	ADDED NOTE TO ENERGY DISS.	599-12-1-86
11-1-84	ENERGY DISSIPATOR DETAILS ADDED	508-11-1-84
11-1-84	EXCAVATION DETAILS ADDED TYPED A & B	
10-2-72	REVISED AND REDRAWN	508-10-2-72

ARKANSAS STATE HIGHWAY COMMISSION

CONCRETE DITCH PAVING

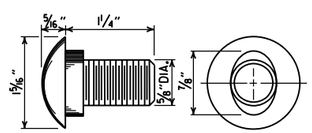
STANDARD DRAWING CDP-1



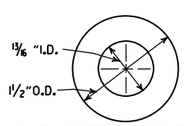


DETAILS OF W-BEAM GUARDRAIL

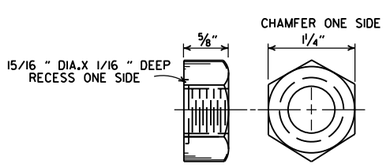
RAIL SECTION OF CLOSELY SIMILAR DIMENSIONS AND COMPARABLE STRENGTH MAY BE SUBSTITUTED IF APPROVED BY THE ENGINEER.



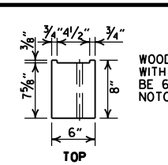
SPLICE BOLT
POST BOLT - SAME EXCEPT LENGTH



CUT STEEL WASHER

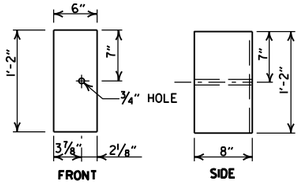


NUT

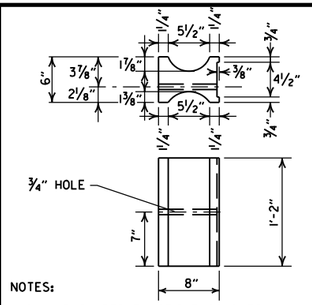


WOOD BLOCKOUT USED WITH WOOD POSTS SHALL BE 6"x8"xl'-2" WITH NO NOTCH REQUIRED.

TOP



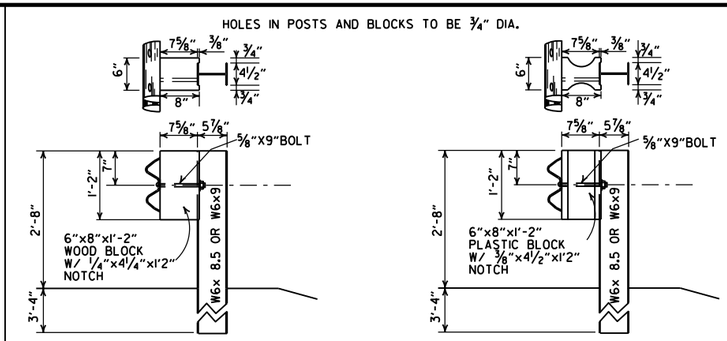
WOOD BLOCKOUT (W-BEAM)



NOTES:

1. SIMILAR SHAPED PLASTIC BLOCKOUTS MAY BE USED AS LONG AS THEY MEET REQUIREMENTS FOR MANUAL FOR ASSESSING SAFETY HARDWARE (MASH).
2. DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES.

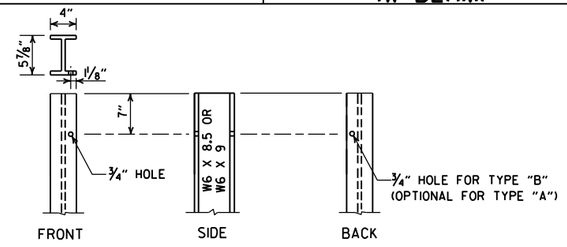
PLASTIC BLOCKOUT (W-BEAM)



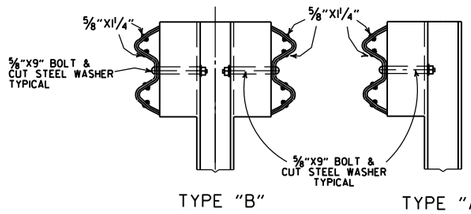
WOOD BLOCKOUT CONNECTIONS

PLASTIC BLOCKOUT CONNECTIONS

DETAILS OF STEEL LINE POST CONNECTIONS (W-BEAM)

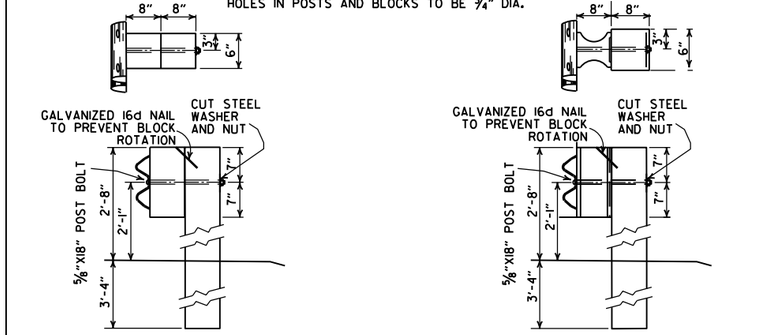


STEEL POST



TYPE "B" TYPE "A"

DETAILS OF STEEL LINE POST CONNECTIONS (W-BEAM)



POSTS AND BLOCKS TO BE ROUGH SAWN 6"X8" WITH A TOLERANCE OF + OR - ¼".

WOOD BLOCKOUT CONNECTIONS

PLASTIC BLOCKOUT CONNECTIONS

DETAILS OF WOOD LINE POST CONNECTIONS (W-BEAM)

-GENERAL NOTES-

ALL BOLTS SHALL BE SUFFICIENT LENGTH TO EXTEND THROUGH THE FULL THICKNESS OF THE NUT AND NO MORE THAN ¾" BEYOND IT.

WHERE W-BEAM GUARDRAIL CONTINUES, THE INTERMEDIATE SECTIONS SHALL HAVE A POST SPACING OF 6'-3" UNLESS OTHERWISE NOTED.

W-BEAM GUARDRAIL REPRESENTING INTERMEDIATE SECTIONS WILL BE MEASURED ALONG THE ROADWAY FACE FROM CENTERLINE OF POST TO CENTERLINE OF POST.

USE W-BEAM GUARDRAIL COMPONENTS OF SAME MATERIAL FOR ENTIRE JOB. FOR EXTENSIONS OR MODIFICATION OF EXISTING GUARDRAIL, W-BEAM GUARDRAIL COMPONENTS OF THE SAME TYPE AS THOSE EXISTING SHALL BE USED.

ANY BACKFILLING UNDER OR AROUND POST SHALL BE DAMP SAND THOROUGHLY TAMPED IN PLACE.

WOOD POSTS & WOOD BLOCKS SHALL BE EITHER DENSE NO. 1 STRUCTURAL OR BETTER 9.7 f (1400 f) OR NO. 1 1350 f SOUTHERN PINE.

CONTRACTOR SHALL HAVE THE OPTION OF USING WOOD BLOCKOUTS FOR W-BEAM GUARDRAIL OR PLASTIC BLOCKOUTS, AS LONG AS BLOCKOUT USED MEETS REQUIREMENTS FOR MANUAL FOR ASSESSING SAFETY HARDWARE (MASH) FOR W-BEAM GUARDRAIL.

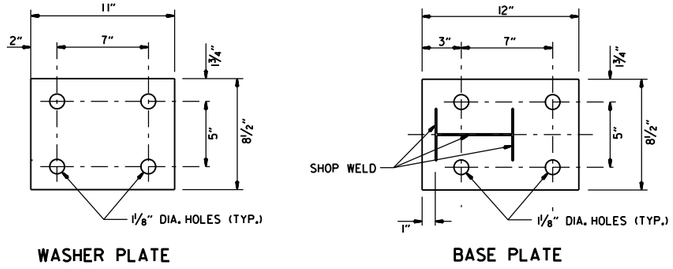
DELINEATORS SHALL BE MOUNTED AT 37.5' SPACING ON THE FRONT FACE OF THE GUARDRAIL. SPACING MAY BE REDUCED IN CURVES, AS DIRECTED BY THE ENGINEER. COLOR SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR DELINEATORS SHALL BE CONSIDERED INCLUDED IN THE PRICE BID PER LIN. FT. FOR GUARDRAIL.

DATE	REVISION	FILMED
05-19-22	REVISED GENERAL NOTES, ADDED DELINEATOR LOCATION.	
11-07-19	RENUMBERED AND RENAMED	
11-16-17	REVISED GENERAL NOTES AND RAISED GUARDRAIL HEIGHT 3"	
07-14-10	RAISED HEIGHT OF GUARDRAIL 1"	
10-15-09	ADDED REFERENCE TO MASH	
04-10-03	REVISED GENERAL NOTES	
08-22-02	REVISED DIMENSION ON WOOD & PLASTIC BLOCKOUT CONNECTIONS & STEEL POST	
11-16-01	REVISED WOOD BLOCKOUT & DETAILS OF WOOD LINE POST CONNECTIONS	
03-30-00	REMOVED GUARDRAIL AT BRIDGE ENDS	
01-12-00	ADDED PLASTIC BLOCKOUT	
08-12-98	REV. BLOCKOUTS TO WOOD, DELETED CONC. POST & REV. GENERAL NOTE, DELETED DET. OF GUARDRAIL REPLACE. BEHIND CURB & DET. OF POST PLACE. IN SOLID ROCK, & ADDED DETAILS OF STEEL LINE POST CONN. REMOVED BACK-UP PLATE, REVISED HOLES IN STEEL POLES	
04-03-97	REMOVED "LAP IN DIRECTION OF TRAFFIC" NOTE & PLACED ARROWS ON WASHERS	
10-18-96	REVISED WOOD POST NOTE	
06-02-94	ADDED ALT. STEEL POST SIZE	
08-05-93	REVISED STEEL POST SIZE	8-5-93
10-01-92	REDRAWN & REVISED	10-1-92
08-15-91	REVISED WASHER NOTE	8-15-91
08-02-90	REV. GEN. NOTE & DEPTH OF ANC. POST IN ROCK	8-2-90
07-15-88	REVISED SECTION 3 & GENERAL NOTES	
03-04-88	REV. ANCHOR POST ,ELEV. NOTES & POST IN ROCK	780-3-4-88
10-30-87	REVISED WOOD LINE POST DETAIL	546-10-30-87
10-09-87	REDRAWN & REVISED	802-10-9-87

ARKANSAS STATE HIGHWAY COMMISSION

GUARDRAIL DETAILS

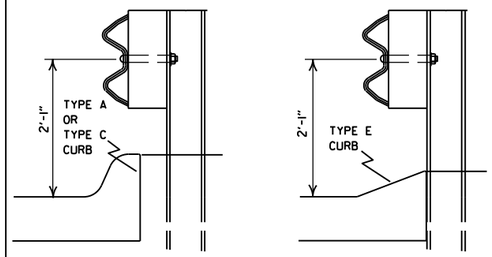
STANDARD DRAWING GR-6



WASHER PLATE

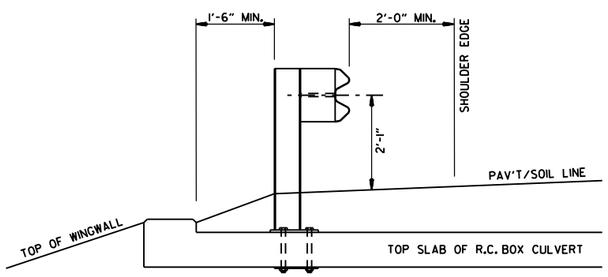
BASE PLATE

Note: Bolts, nuts, washers and plates shall be galvanized in accordance with Section 807 of the Standard Specifications.

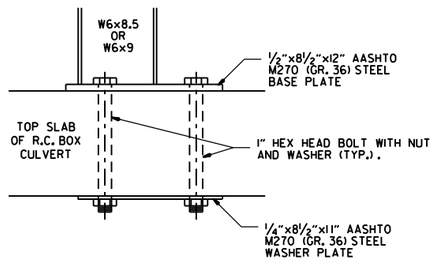


DETAIL OF GUARDRAIL PLACEMENT BEHIND CURB (W-BEAM)

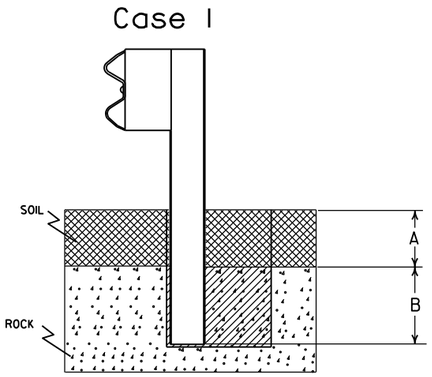
FOR DESIGN SPEEDS OF 50 MPH OR LESS ALL CURB FACES, AS SHOWN ON STD. DRWG. CG-1, MAY BE USED. FOR DESIGN SPEEDS OF 55 MPH OR MORE TYPE "E" CURB FACE SHALL BE USED.

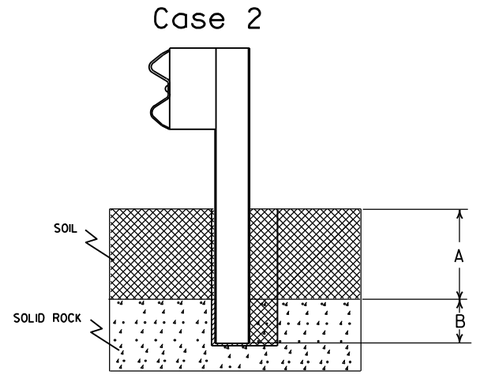


SECTION A-A



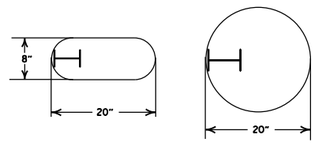
DETAIL OF CONNECTION

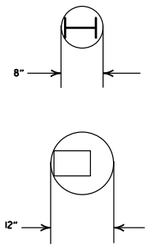




Plan View Steel Posts

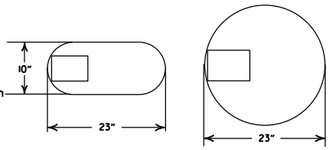
Either hole configuration acceptable





Plan View Wood Posts

Either hole configuration acceptable



Notes: For overlying soil depths (A) ranging from 0 to 18", the depth of required drilling (B) is equal to 24".

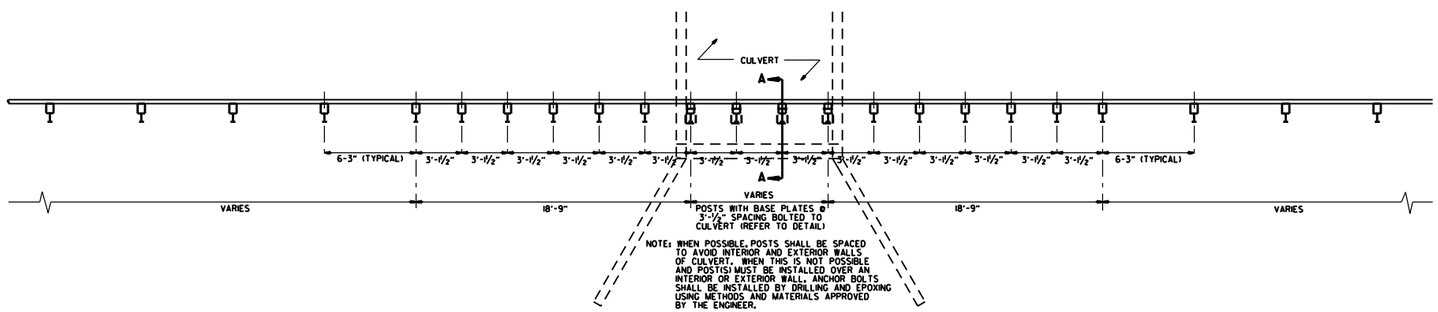
Zone A:
Backfill according to Section 617.03(a).

Zone B:
Backfill hole in 6" lifts with material meeting the requirements of Section 802.02(c) - Alternate gradation. Compact to 95% maximum dry density per ASTM D-698.

Notes: For overlying soil depths (A) ranging from 18" to 44", the depth of required drilling (B) is equal to either 12" or 44" minus the depth of soil whichever is less.

Zone A & B:
Backfill according to Section 617.03(a).

DETAIL OF POST PLACEMENT IN SOLID ROCK (W-BEAM)



PLAN LAYOUT OF TYPE A GUARDRAIL AT LOW-FILL CULVERTS

NOTE: THIS DETAIL IS TO BE USED ONLY WHEN THE COVER OVER THE CULVERT DOES NOT PERMIT FULL EMBEDMENT OF GUARDRAIL POSTS AS SHOWN ON STD. DWG. GR-6.

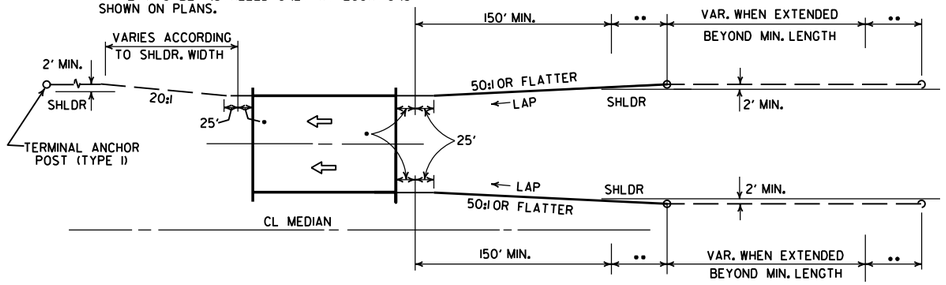
DATE	REVISION	FILMED
11-07-19	RENUMBERED, RENAMED, REVISED REFERENCE	
11-16-17	REVISED GUARDRAIL HEIGHT	
07-14-10	RAISED HEIGHT OF GUARDRAIL 1"	
04-12-07	REVISED DETAIL OF GUARDRAIL PLACEMENT BEHIND CURB	
11-10-05	ADDED GUARDRAIL PLACEMENT BEHIND CURB; REVISED DETAIL OF CONNECTION	
11-18-04	REVISED POST PLACEMENT IN ROCK & CULVERT CONNECTION DETAILS. ADDED DETAIL FOR GUARDRAIL PLACEMENT AT LOW-FILL CULVERTS	
03-30-00	REMOVED CONCRETE INSERT ANCHOR	
08-12-98	CHANGED STEEL SPACER BLOCK TO WOOD BLOCKOUT. ADDED DET. OF GUARDRAIL CONNECTION TO R.C. BOX CULV'T., DELETED DET. OF STEEL LINE POST CONN. & ADDED DET. OF GUARDRAIL PLACE. BEHIND CURB & DET. OF POSTPLACE. IN SOLID ROCK	
04-03-96	PLACED ARROWS AT CUT STEEL WASHERS	4-3-96
10-18-96	REV. ASTM REF. TO AASHTO	
11-22-95	ADDED OPTIONAL HOLES	
06-02-94	REVISED ALTERNATE POST SIZE	
08-05-93	REVISED STEEL POST SIZE	
10-01-92	REDRAWN & REVISED	10-1-92
08-02-90	DEL. WASHER ON ANCHOR ASSEMBLY	8-2-90
07-15-88	CONFORMED TO 1988 SPECS	
03-04-88	REVISED ANCHOR NOTE	
10-30-87	REVISED ANCHOR ASSEMBLY	712-10-30-87
10-30-87	REVISED PLACEMENT BEHIND CURB	547-10-30-87
10-09-87	REDRAWN & REVISED	803-10-9-87

ARKANSAS STATE HIGHWAY COMMISSION

GUARDRAIL DETAILS

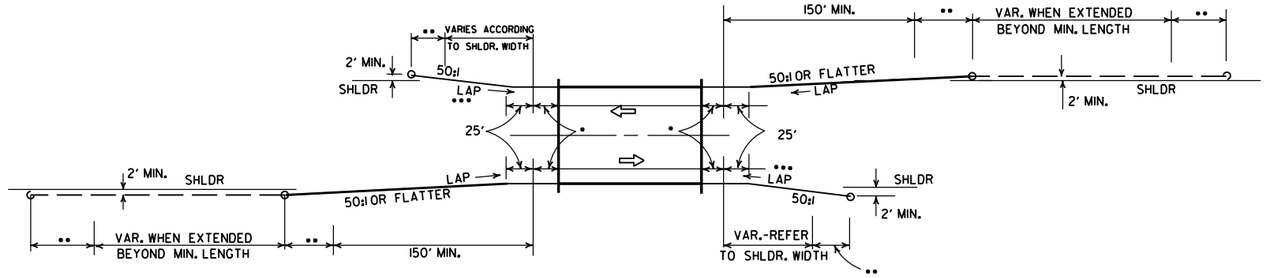
STANDARD DRAWING GR-7

NOTE: GUARDRAIL WITH GUARDRAIL TERMINAL (TYPE I) TO BE INSTALLED ONLY AT LOCATIONS SHOWN ON PLANS.



ONE-WAY TRAFFIC

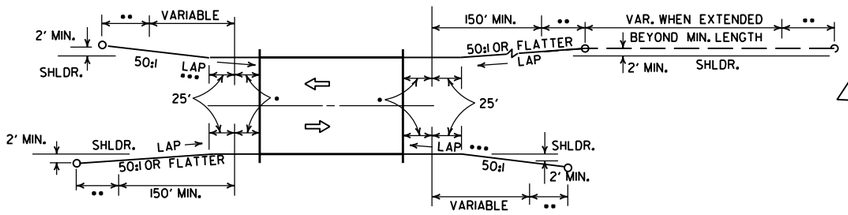
••• LAP OF GUARDRAIL SHALL BE AS SHOWN FOR A DISTANCE OF UP TO 200', CHANGE TO LAP IN DIRECTION OF TRAVEL.



TWO-WAY TRAFFIC

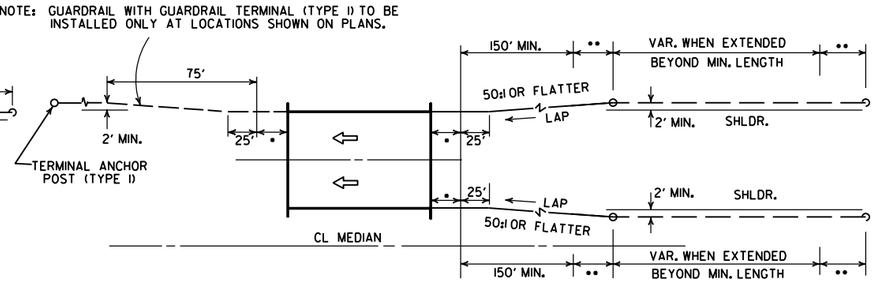
METHODS OF INSTALLATION OF GUARDRAIL AT LESS THAN FULL SHOULDER WIDTH BRIDGES USING GUARDRAIL TERMINAL (TYPE 2)

••• LAP OF GUARDRAIL SHALL BE AS SHOWN FOR A DISTANCE OF UP TO 200', CHANGE TO LAP IN DIRECTION OF TRAVEL.



TWO-WAY TRAFFIC

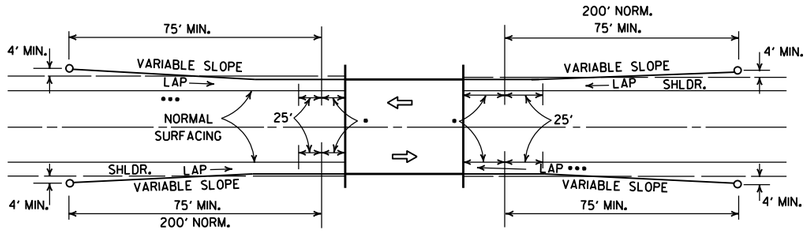
NOTE: GUARDRAIL WITH GUARDRAIL TERMINAL (TYPE I) TO BE INSTALLED ONLY AT LOCATIONS SHOWN ON PLANS.



ONE-WAY TRAFFIC

METHOD OF INSTALLATION OF GUARDRAIL AT FULL SHOULDER WIDTH BRIDGES USING GUARDRAIL TERMINAL (TYPE 2)

••• LAP OF GUARDRAIL SHALL BE AS SHOWN FOR A DISTANCE OF UP TO 200', CHANGE TO LAP IN DIRECTION OF TRAVEL.



METHOD OF INSTALLATION OF GUARDRAIL USING GUARDRAIL TERMINAL (TYPE I) (FULL SHOULDER WIDTH OR LESS BRIDGES)

LEGEND

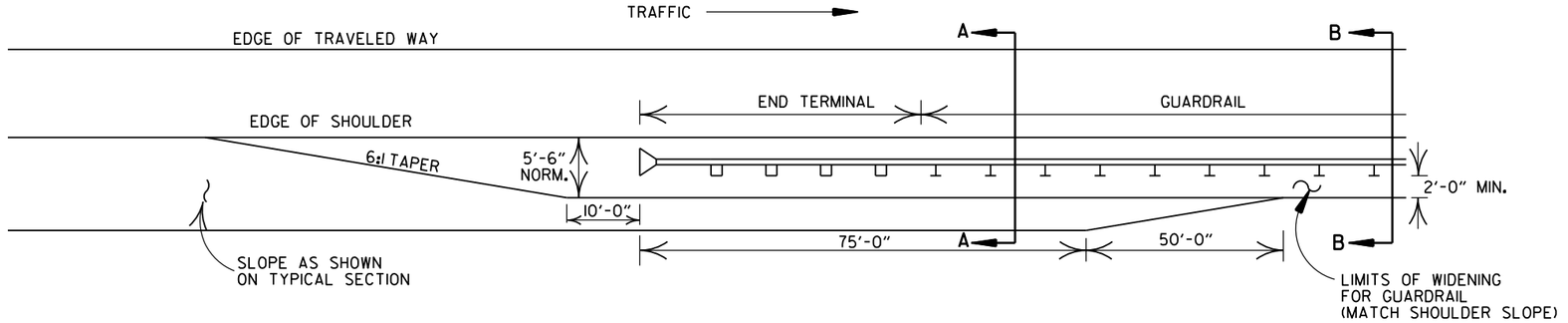
- • THRIE BEAM GUARDRAIL TERMINAL
- •• GUARDRAIL TERMINAL (TYPE 2)

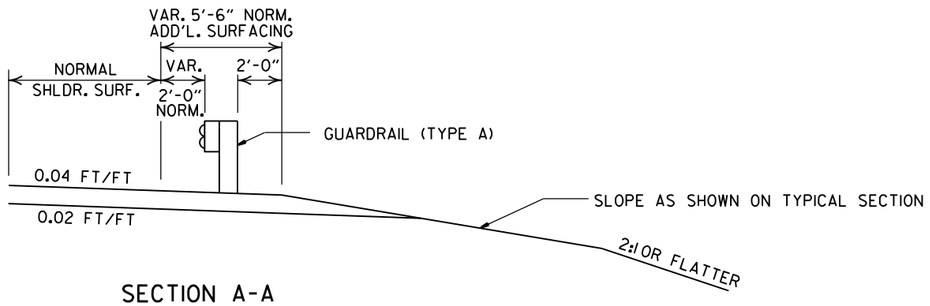
DATE	REVISION	DATE FILM
11-07-19	RENUMBERED AND RENAMED	
4-17-08	REVISED LAYOUTS	
11-10-05	REMOVED GUARDRAIL NOTES AND DETAILS	
11-16-01	DELETED NOTE-METHOD OF INSTALLATION OF GUARDRAIL USING GUARDRAIL TERM. (TY. I)	
1-12-00	ADDED CONSTRUCTION NOTE	1-12-00
6-26-97	REVISED LAYOUT	
10-1-92	REDRAWN & REVISED	10-1-92
	ADDED NOTE	
10-9-87	REDRAWN & REVISED	

ARKANSAS STATE HIGHWAY COMMISSION

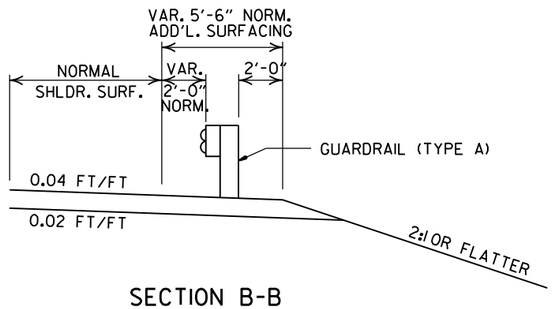
GUARDRAIL DETAILS

STANDARD DRAWING GR-8



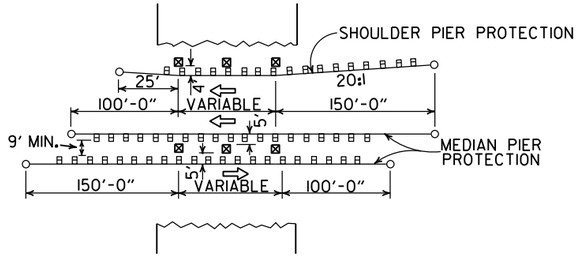


SECTION A-A



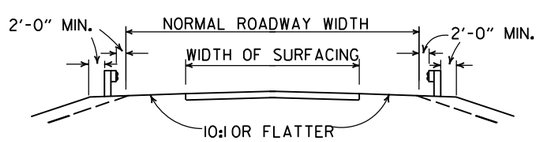
SECTION B-B

DETAILS OF WIDENING FOR GUARDRAIL

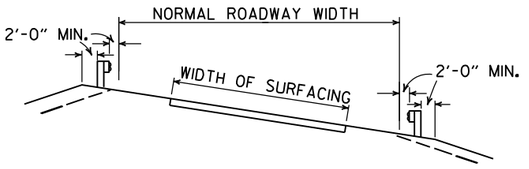


METHOD OF INSTALLATION OF GUARDRAIL AT FIXED OBSTACLE

NOTE: NORMAL SECTION TO BE WIDENED APPROX. 5'-6" EACH SIDE TO SUPPORT GUARDRAIL.



SECTION ON TANGENT



SECTION ON CURVE

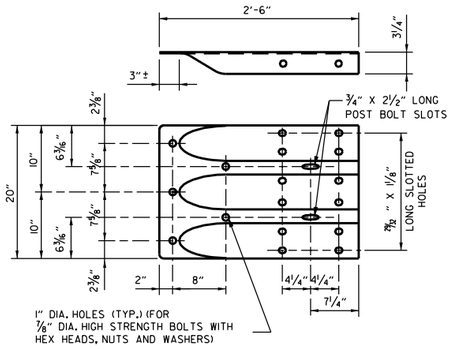
DETAILS SHOWING POSITION OF GUARDRAIL ON HIGHWAY

DATE	REVISION	DATE FILM
11-07-19	RENUMBERED AND RENAMED	
4-17-08	MINOR REVISION	
11-10-05	DRAWN	

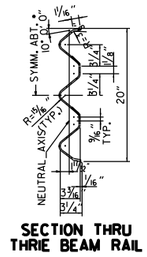
ARKANSAS STATE HIGHWAY COMMISSION

GUARDRAIL DETAILS

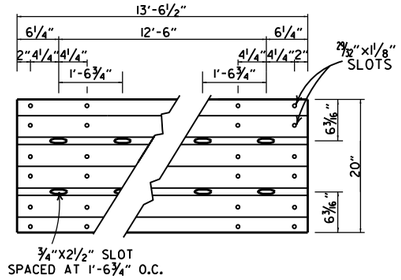
STANDARD DRAWING GR-9



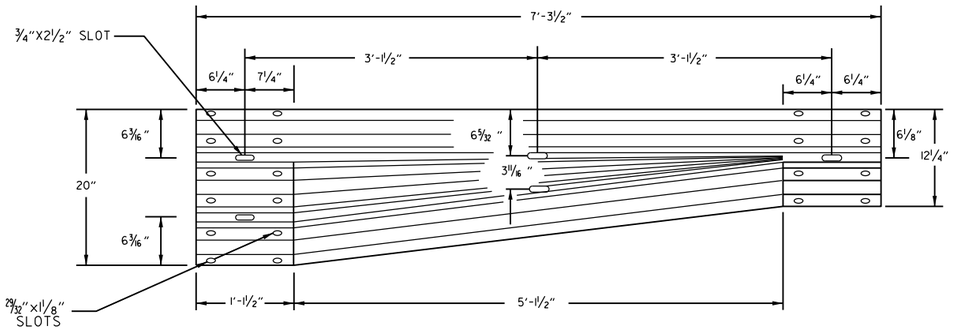
SPECIAL END SHOE



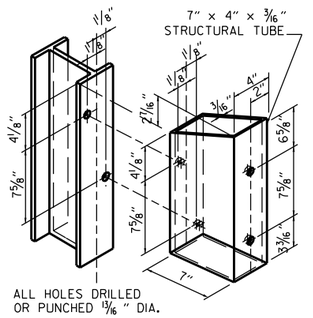
SECTION THRU THRIE BEAM RAIL



THRIE BEAM RAIL

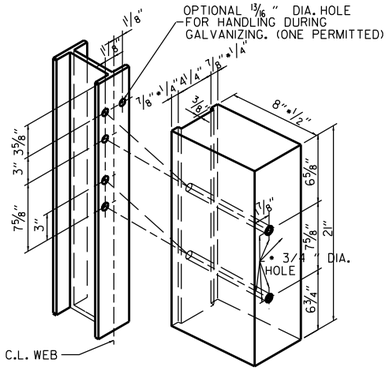


TRANSITION SECTION



ATTACH BLOCKOUT TO POST USING 5/8" DIA. HEX HEAD BOLTS WITH 1 1/2" O.D. CUT STEEL WASHERS AND NUT.

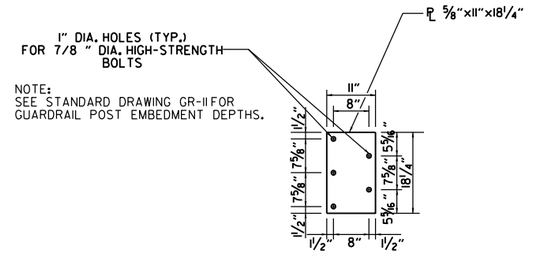
STRUCTURAL STEEL TUBING BLOCKOUT DETAIL



ALL HOLES 13/16" DIAMETER EXCEPT AS NOTED

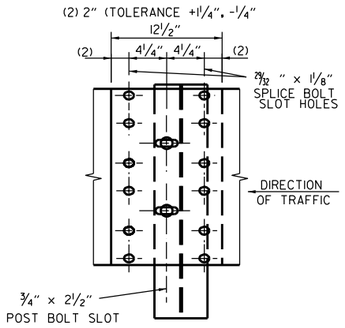
HOLE PUNCHING DETAIL FOR STEEL POST & WOOD OR PLASTIC BLOCKOUTS

NOTE: BLOCKS SHALL BE THE SAME TYPE THROUGHOUT THE PROJECT LIMITS.



CONNECTOR PLATE

CONNECTOR PLATE SHALL BE AASHTO M270, GR. 36 AND SHALL BE GALVANIZED AFTER FABRICATION. GALVANIZING SHALL CONFORM TO SUBSECTION 807.19 OF THE STANDARD SPECIFICATIONS. CONNECTOR PLATE TO BE BOLTED TO SPECIAL END SHOE USING 7/8" DIA. HIGH STRENGTH BOLTS, WITH THE HEADS PLACED ON THE TRAFFIC FACE. WASHERS SHALL BE USED UNDER THE HEAD AND NUT. BOLTS, NUTS AND WASHERS SHALL BE GALVANIZED AND SHALL CONFORM TO SUBSECTION 807.06.



THRIE BEAM RAIL SPLICE AT POST

GENERAL NOTES:

THE THRIE BEAM RAIL, SPECIAL END SHOE, AND THE TRANSITION SECTION SHALL BE MADE OF STEEL AND SHALL BE 12 GAGE. ZINC COATING SHALL BE TYPE I.

RAIL POSTS SHALL BE SET PERPENDICULAR TO THE ROADWAY PROFILE GRADE AND VERTICALLY IN CROSS SECTION.

ALL BOLTS SHALL BE SUFFICIENT LENGTH TO EXTEND THROUGH THE FULL THICKNESS OF THE NUT AND NO MORE THAN 3*4" BEYOND IT.

ALL LAP SPLICES, INCLUDING SPECIAL END SHOES, SHALL BE MADE IN THE DIRECTION SHOWN ON STANDARD DRAWINGS GR-8 & GR-13.

REFER TO STD. DRWG. GR-11 FOR POST DETAILS.

USE THRIE BEAM GUARDRAIL COMPONENTS OF SAME MATERIAL FOR ENTIRE JOB.

THRIE BEAM POSTS SHALL BE SAME MATERIAL AS W-BEAM POSTS FOR ENTIRE JOB.

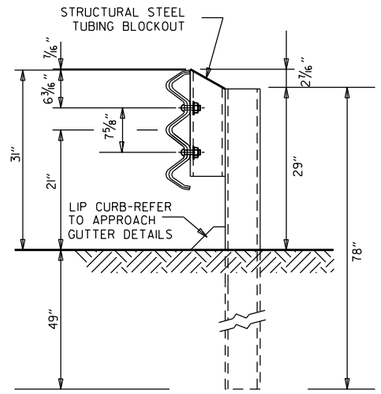
WOOD POSTS & WOOD BLOCKS SHALL BE EITHER DENSE NO. 1 STRUCTURAL OR BETTER 9.7 f (1400 f) OR NO. 1 1350 f SOUTHERN PINE.

DATE	REVISION	FILMED
11-07-19	RENAMED AND REVISED REFERENCES	
11-16-17	REVISED TRANSITION SECTION, GUARD RAIL HEIGHT, AND GENERAL NOTES; MOVED THRIE BEAM GUARD RAIL CONNECTIONS AT BRIDGES ENDS TO STD. DRWG. GR-12	
07-14-10	RAISED HEIGHT OF W-BEAM 1"	
11-29-07	ADDED PLASTIC BLOCKOUTS	
11-10-05	ADDED NOTE FOR ATTACHING STEEL BLOCKOUT	
11-18-04	REVISED GENERAL NOTES	
10-9-03	REVISED GENERAL NOTES	
04-10-03	REVISED GENERAL NOTES	
08-22-02	REVISED NOTE (2)	
06-29-00	MOVED DIMENSION LINES	
05-18-00	ADDED NOTE	
03-30-00	DRAWN & ISSUED	

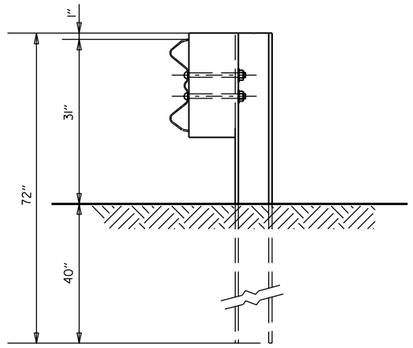
ARKANSAS STATE HIGHWAY COMMISSION

GUARDRAIL DETAILS

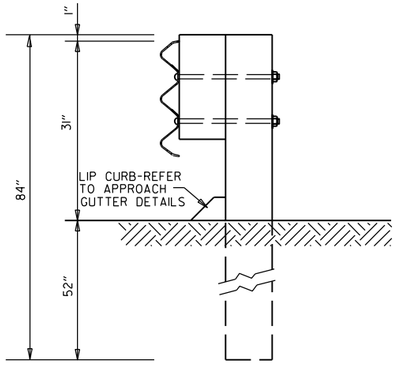
STANDARD DRAWING GR-10



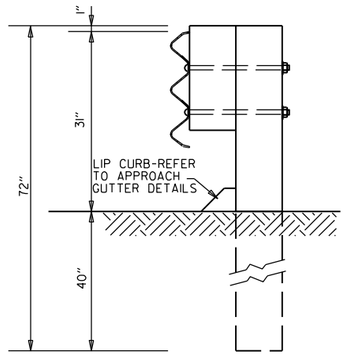
THRIE BEAM RAIL WITH STEEL TUBING BLOCKOUT
AND STEEL POST
POSTS 1-7



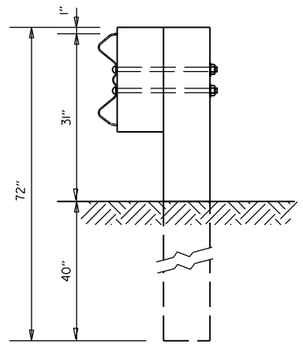
W-BEAM TO THRIE BEAM TRANSITION RAIL
WITH WOOD OR PLASTIC BLOCKOUT AND STEEL POST
POST 8



THRIE BEAM RAIL
WITH WOOD OR PLASTIC
BLOCKOUTS & WOOD POSTS
POSTS 1-6



THRIE BEAM RAIL
WITH WOOD OR PLASTIC
BLOCKOUT & WOOD POST
POST 7



W-BEAM TO THRIE BEAM
TRANSITION RAIL WITH WOOD OR
PLASTIC BLOCKOUT & WOOD POST
POST 8

GENERAL NOTES:

RAIL POSTS SHALL BE SET PERPENDICULAR TO THE ROADWAY PROFILE GRADE AND VERTICALLY IN CROSS SECTION.

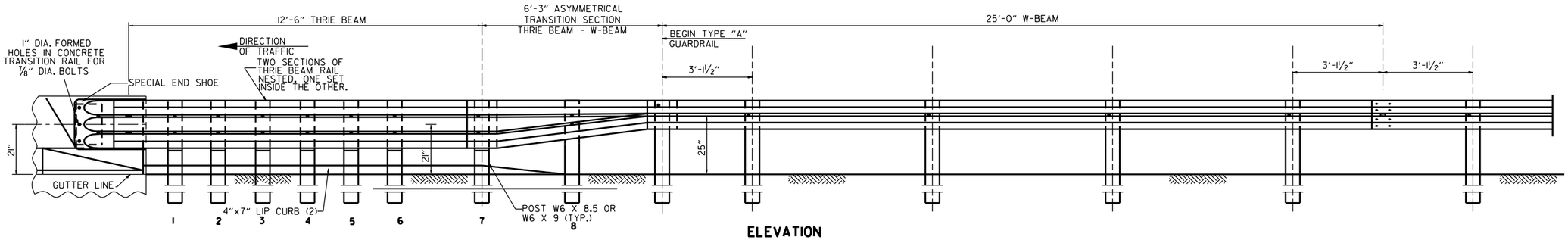
WOOD POSTS & WOOD BLOCKS SHALL BE EITHER DENSE NO. 1 STRUCTURAL OR BETTER 9.7f (1400 f) OR NO. 1 1350 f SOUTHERN PINE.

DATE	REVISION	FILMED
11-07-19	RENAMED	
11-16-17	REVISED GUARDRAIL HEIGHT, CHANGED STD. DWG. NUMBER FROM GR-10A TO GR-11	
07-14-10	REVISED POST 8 DIMENSIONS	
11-29-07	ADDED PLASTIC BLOCKOUTS	
08-22-02	REVISED LIP CURB NOTE	
03-30-00	DRAWN & ISSUED	

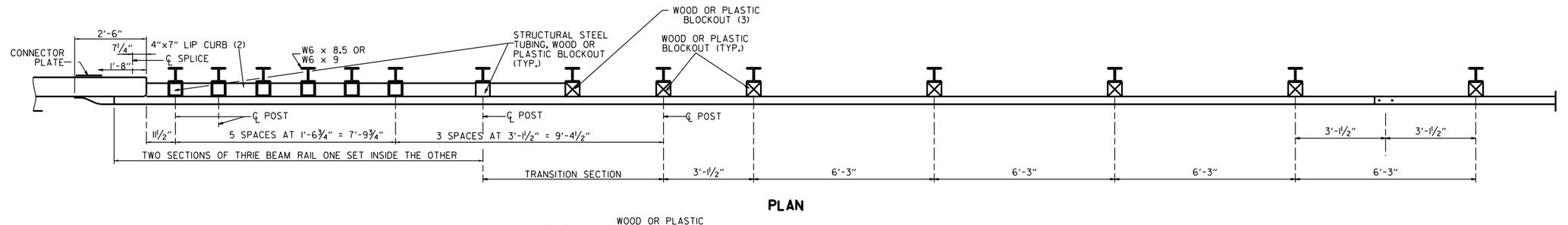
ARKANSAS STATE HIGHWAY COMMISSION

GUARDRAIL DETAILS

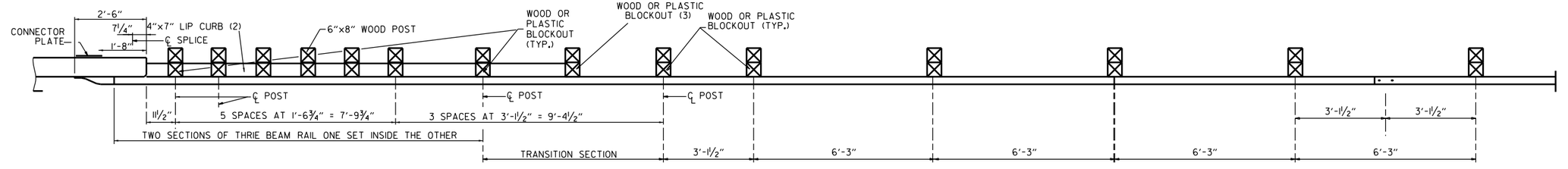
STANDARD DRAWING GR-11



ELEVATION



PLAN



PLAN

(1) VERIFY BOLT SPACING FROM RAIL TRANSITION PRODUCER.
(2) REFER TO APPROACH GUTTER DETAILS.
(3) LENGTH OF BLOCKOUT ON POST 8 TO BE MODIFIED TO FIT RAIL WIDTH.

THRIE BEAM GUARDRAIL CONNECTION AT BRIDGE ENDS

GENERAL NOTES:

THE THRIE BEAM RAIL, SPECIAL END SHOE, AND THE TRANSITION SECTION SHALL BE MADE OF STEEL AND SHALL BE 12 GAGE. ZINC COATING SHALL BE TYPE I.

RAIL POSTS SHALL BE SET PERPENDICULAR TO THE ROADWAY PROFILE GRADE AND VERTICALLY IN CROSS SECTION.

ALL BOLTS SHALL BE SUFFICIENT LENGTH TO EXTEND THROUGH THE FULL THICKNESS OF THE NUT AND NO MORE THAN 3/4" BEYOND IT.

ALL LAP SPLICES, INCLUDING SPECIAL END SHOES, SHALL BE MADE IN THE DIRECTION SHOWN ON STANDARD DRAWINGS GR-8 & GR-13.

REFER TO STD. DRWG. GR-11 FOR POST DETAILS.

USE THRIE BEAM GUARDRAIL COMPONENTS OF SAME MATERIAL FOR ENTIRE JOB.

THRIE BEAM POSTS SHALL BE SAME MATERIAL AS W-BEAM POSTS FOR ENTIRE JOB.

POSTS SHALL NOT BE PLACED AT SPLICE LOCATIONS ALONG W-BEAM RAILS.

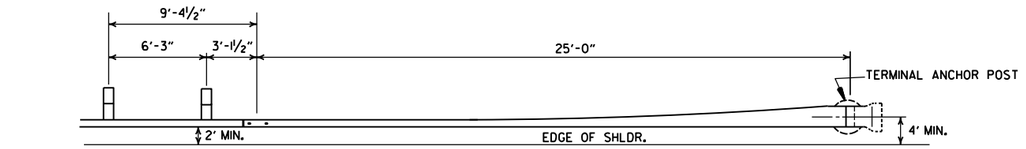
WOOD POSTS & WOOD BLOCKS SHALL BE EITHER DENSE NO. 1 STRUCTURAL OR BETTER 9.7f (1400 f) OR NO. 1 1350 f SOUTHERN PINE.

DATE	REVISION	FILMED
05-14-20	REVISED NOTES	
11-07-19	RENAMED & REVISED REFERENCES	
11-16-17	RE-DRAWN FROM STD. DWG. GR-10 & ISSUED	

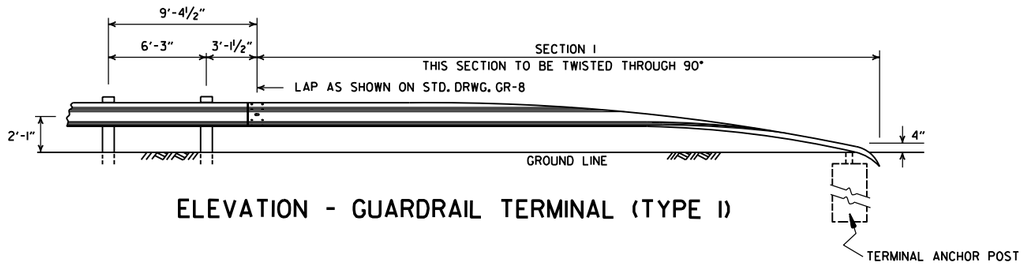
ARKANSAS STATE HIGHWAY COMMISSION

GUARDRAIL DETAILS

STANDARD DRAWING GR-12

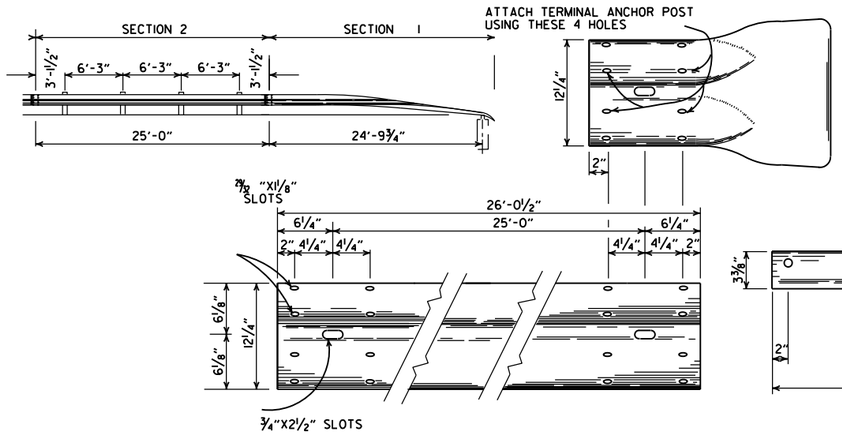


PLAN - GUARDRAIL TERMINAL (TYPE I)



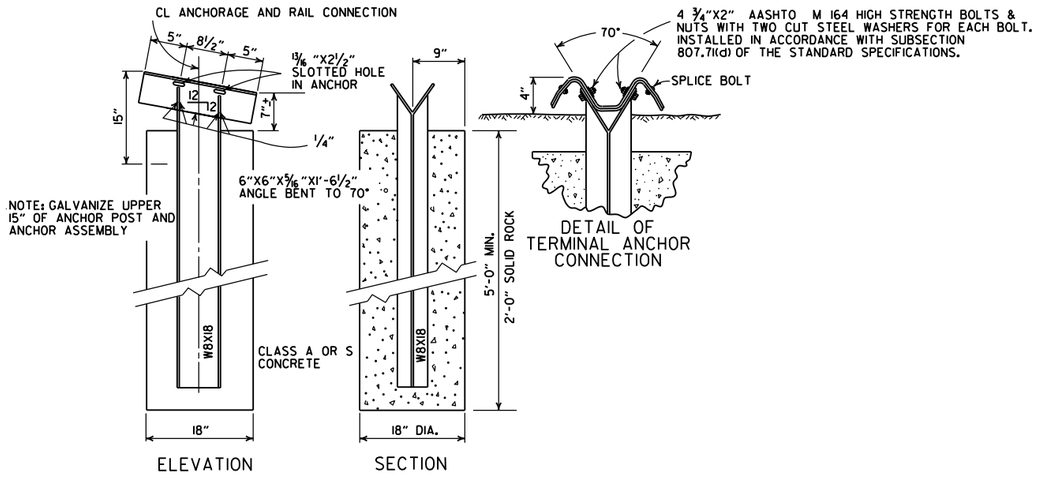
ELEVATION - GUARDRAIL TERMINAL (TYPE I)

NOTE:
SECTIONS I AND 2 OF GUARDRAIL TERMINAL
SHALL BE PAID FOR AT THE PRICE BID PER
LINEAR FOOT OF THE TYPE OF GUARDRAIL SPECIFIED.



SECTION I

TERMINAL SECTION



NOTE: RAIL MEMBERS MAY BE BOLTED TO ANGLE AT TERMINAL ANCHOR AND THE TWO ASSEMBLIES POSITIONED TO PROPER ALIGNMENT PRIOR TO PLACING CONCRETE AROUND 8 WF 17 POST IF CONTRACTOR SO DESIRES.

DETAIL OF TERMINAL
ANCHOR POST (TYPE I)

DATE	REVISION	FILMED
11-07-19	RENAMED & REVISED REFERENCE.	
11-16-17	REVISED GUARDRAIL HEIGHT AND LOCATION OF POSTS	
07-14-10	RAISED HEIGHT OF GUARDRAIL 1"	
06-26-97	REVISED LAP NOTE	
10-18-96	REVISED ASTM REF. TO AASHTO	
11-03-94	DIMENSION TERMINAL DETAIL	
11-11-92	ADDED NOTE FOR PAYMENT	11-11-92
10-01-92	DRAWN & ISSUED	10-1-92

ARKANSAS STATE HIGHWAY COMMISSION

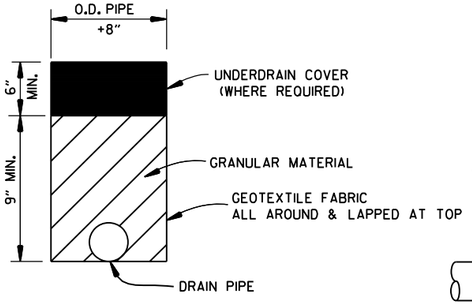
GUARDRAIL DETAILS

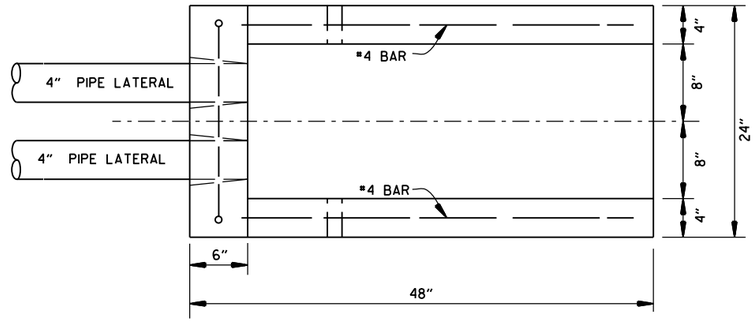
STANDARD DRAWING GRT-1

NOTE:

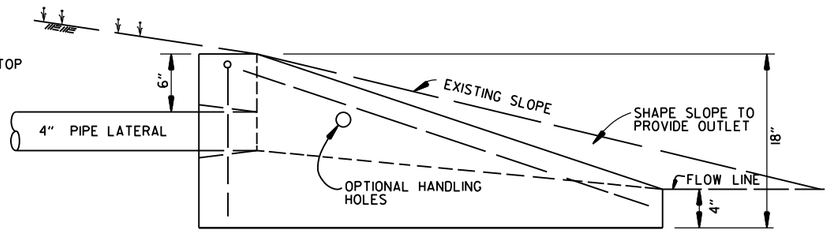
1. UNLESS OTHERWISE SPECIFIED ON THE PLANS, THE UNDERDRAIN COVER SHALL BE THOROUGHLY COMPACTED EARTH AND SHALL BE SUBSIDIARY TO PIPE UNDERDRAIN.

2. GRANULAR MATERIAL SHALL BE WRAPPED WITH GEOTEXTILE FABRIC. LAP FABRIC 12" OR THE WIDTH OF THE TRENCH AT THE TOP.

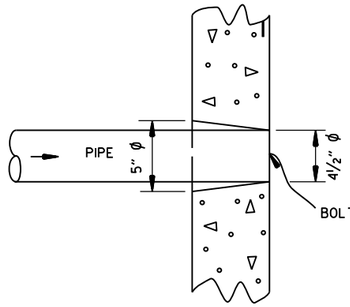




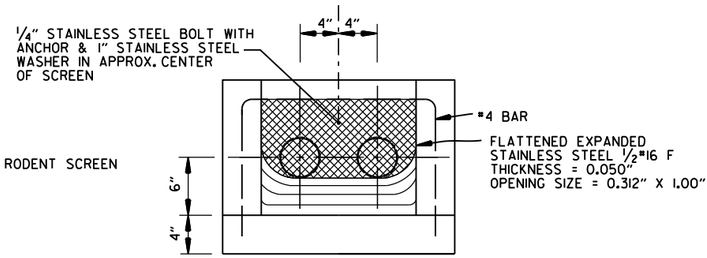
PLAN VIEW



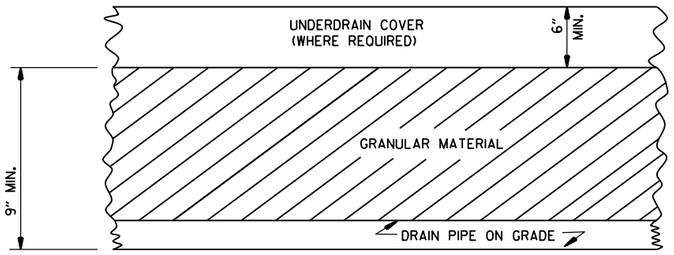
SIDE VIEW



DETAIL OF HOLE FOR 4" PIPE

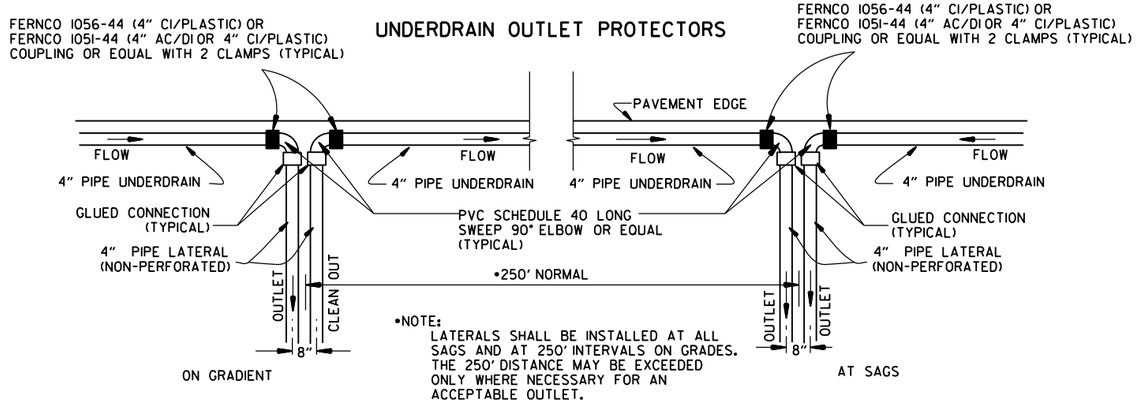


FRONT VIEW
(DETAIL OF RODENT SCREEN)



DETAILS OF PIPE UNDERDRAIN

UNDERDRAIN OUTLET PROTECTORS



DETAIL OF PIPE UNDERDRAIN LATERALS WHEN PLACED ALONG PAVEMENT EDGE

NOTE: PVC PIPE FOR LATERALS SHALL MEET THE REQUIREMENTS OF ASTM D 1785 (LATEST REVISION) FOR SCHEDULE 40 PIPE.

NOTES FOR PIPE UNDERDRAINS

1. GEOTEXTILE FABRIC SHALL MEET THE REQUIREMENTS OF SECTION 625 FOR TYPE 1. PAYMENT FOR GEOTEXTILE FABRIC AND GRANULAR FILTER MATERIAL SHALL BE INCLUDED IN THE PRICE BID PER LIN. FT. FOR "4" PIPE UNDERDRAINS" IN ACCORDANCE WITH SECTION 611 OF THE STANDARD SPECIFICATIONS.

2. 4" NON-PERFORATED SCHEDULE 40 PVC PIPE LATERALS WITH OUTLET PROTECTORS SHALL BE INSTALLED AS SHOWN HEREON. LATERALS WILL BE MEASURED AND PAID FOR AS "4" PIPE UNDERDRAINS." UNDERDRAIN OUTLET PROTECTORS WILL BE MEASURED AND PAID FOR BY THE UNIT IN ACCORDANCE WITH SECTION 611 OF THE STANDARD SPECIFICATIONS.

3. EXISTING 4" PIPE UNDERDRAINS MAY BE CONNECTED TO PROPOSED DROP INLETS OR EXTENDED WHERE DIRECTED BY THE ENGINEER. PAYMENT FOR CONNECTING TO DROP INLETS SHALL BE CONSIDERED INCLUDED IN THE PRICE BID FOR "4" PIPE UNDERDRAINS."

4. THE LOCATION OF ALL LATERALS SHALL BE MARKED WITH 4" X 12" PERMANENT PAVEMENT MARKING TAPE (TYPE III WHITE) AT THE OUTSIDE EDGE OF THE SHOULDER, PLACED TRANSVERSE TO TRAFFIC. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS CONTRACT ITEMS.

5. PAYMENT FOR THE RODENT SCREEN SHALL BE INCLUDED IN THE PRICE BID PER EACH FOR "UNDERDRAIN OUTLET PROTECTORS."

6. ANY EXISTING UNDERDRAINS THAT INTERFERE WITH INSTALLATION OF THE NEW UNDERDRAIN SYSTEM SHALL BE REMOVED AND DISPOSED OF AS DIRECTED BY THE ENGINEER. PAYMENT WILL BE CONSIDERED INCLUDED IN THE PRICE BID FOR THE VARIOUS CONTRACT ITEMS. EXISTING UNDERDRAIN OUTLET PROTECTORS SHALL BE REMOVED UNDER THE ITEM "REMOVAL AND DISPOSAL OF UNDERDRAIN OUTLET PROTECTORS."

7. AT LOCATIONS WHERE A SINGLE LATERAL IS USED THE CONTRACTOR SHALL HAVE THE FOLLOWING OPTIONS: 1. INSTALL OUTLET PROTECTOR AS SHOWN ON STANDARD DRAWING PU-1 AND GROUT THE UNUSED HOLE OR 2. INSTALL AN OUTLET PROTECTOR WITH A SINGLE HOLE.

DATE	REVISION	DATE FILMED
12-8-16	ADDED NOTES FOR PIPE UNDERDRAINS, REVISED RODENT SCREEN DETAIL AND NOTES, REMOVED NOTE 1 FOR GRANULAR MATERIAL, ADDED NOTE FOR GEOTEXTILE FABRIC	
4-10-03	REVISED NOTE 3	
1-12-00	REVISED DETAIL OF UNDERDRAIN LATERALS	
11-18-98	REVISED NOTE	
10-18-96	REVISED MIN. DEPTH & GEOTEXTILE FABRIC	
4-26-96	ADDED LATERAL NOTE; 5½" TO 5"	
11-22-95	REVISED LATERALS	
7-20-95	REVISED LATERALS & ADDED NOTE	
11- 3-94	REVISED FOR DUAL LATERALS	11- 3-94
10- 1-92	SUBSTITUTED GEOTEXTILE	10- 1-92
8-15-91	ADDED POLYEDTHYLENE PIPE	8-15-91
11- 8-90	DELETED ALTERNATE NOTE	11- 8-90
1-25-90	ADDED 4" SNAP ADAPTER	1-25-90
11-30-89	DEL. (SUBGRADE); ADDED (WHERE REQUIRED)	11-30-89
7-15-88	ISSUED P.L.M.	647-7-15-88

ARKANSAS STATE HIGHWAY COMMISSION

DETAILS OF PIPE UNDERDRAIN

STANDARD DRAWING PU-1

MINIMUM STRUCTURAL REQUIREMENTS:

DESIGN SPECIFICATIONS: AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION (2001) WITH 2003 AND 2006 INTERIMS.

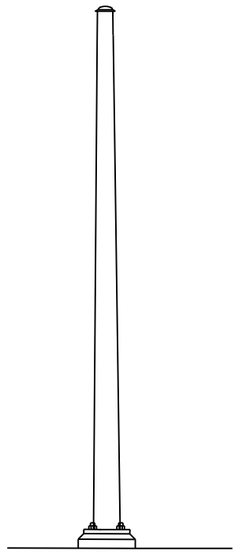
USE FATIGUE CATEGORY II.

CONSTRUCTION SPECIFICATIONS: STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (CURRENT EDITION) WITH APPLICABLE SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS.

BASE WIND SPEED: 90 MPH

STEEL MEMBERS CONSIDERED MAIN LOAD CARRYING MEMBERS WITH A THICKNESS GREATER THAN ½" SHALL MEET THE LONGITUDINAL CHARPY V-NOTCH TEST SPECIFIED IN SUBSECTION 807.05 OF THE STANDARD SPECIFICATIONS.

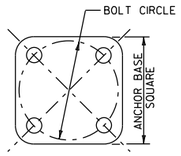
THE GROUND ROD SHALL BE FUSION WELDED TO A IC/#8 A.W.G. SOLID COPPER GROUND WIRE. ATTACHMENT TO THE PRIMARY GROUND MAY BE BY AN APPROVED CLAMP. THE ROD IS TO BE LOCATED IN THE CONCRETE PULL BOX PAID FOR SEPARATELY AS SHOWN ON THE PLANS.



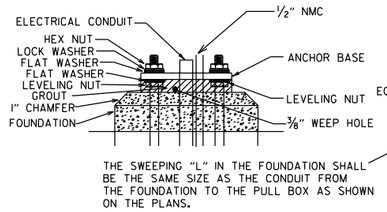
ANTENNA POLE

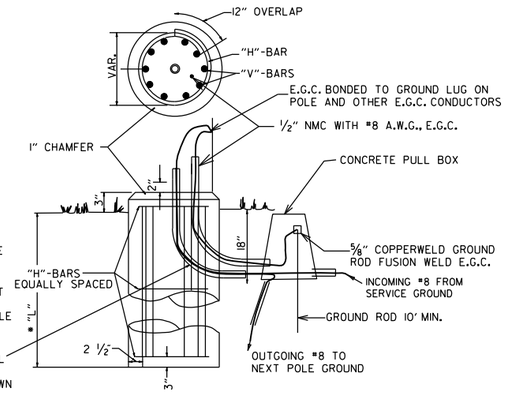
NOTE:

COMMUNICATION CABLE SHIELD SHALL BE TIED TO THE GROUND AT ONE ONE POINT (MASTER CABINET). THE SHIELD SHALL BE MAINTAINED CONTINUOUS (THROUGH ALL SPLICES). PLEASE REFER TO TESTING PROCEDURES IN SPECIAL PROVISIONS.



ANCHOR BASE





TYPICAL FOUNDATION DETAILS

POLE FOUNDATION MINIMUM DIMENSIONS AND STEEL REINFORCING.

POLE HEIGHT	FOUNDATION DIAMETER	DEPTH "L"	VERTICAL	HORIZONTAL	TIE SPACING
20.0'	30"	5'-6"	12-#7	#4	5 SP @ 12"
25.0'	30"	6'-0"	12-#7	#4	6 SP @ 11"
30.0'	30"	6'-6"	12-#7	#4	6 SP @ 12"
35.0'	30"	7'-0"	12-#7	#4	7 SP @ 11"
40.0'	30"	7'-6"	12-#7	#4	7 SP @ 12"
45.0'	36"	8'-6"	13-#8	#4	8 SP @ 12"
50.0'	36"	9'-6"	13-#8	#4	9 SP @ 12"
55.0'	36"	10'-0"	13-#8	#4	10 SP @ 11"
60.0'	36"	10'-6"	13-#8	#4	10 SP @ 12"
65.0'	36"	11'-0"	13-#8	#4	12 SP @ 10 ½"
70.0'	36"	11'-6"	13-#8	#4	11 SP @ 12"
75.0'	42"	13'-0"	18-#8	#4	14 SP @ 10 ½"
80.0'	42"	13'-6"	18-#8	#4	13 SP @ 12"
85.0'	42"	14'-6"	18-#8	#4	14 SP @ 12"
90.0'	42"	15'-0"	18-#8	#4	18 SP @ 9 ½"

ALL CONCRETE SHALL BE CLASS "S" WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH F'C=3500 PSI. CONCRETE SHALL BE POURED IN THE DRY AND ALL EXPOSED CORNERS CHAMFERED ¾" UNLESS NOTED OTHERWISE.

ALL REINFORCING STEEL SHALL CONFORM TO AASHTO M31 OR M53, GRADE 40 (YIELD STRENGTH=40,000 PSI).

PROVIDE 3" CLEAR TIES. DETAIL 3" TO FIRST TIE AT TOP OF SHAFT.

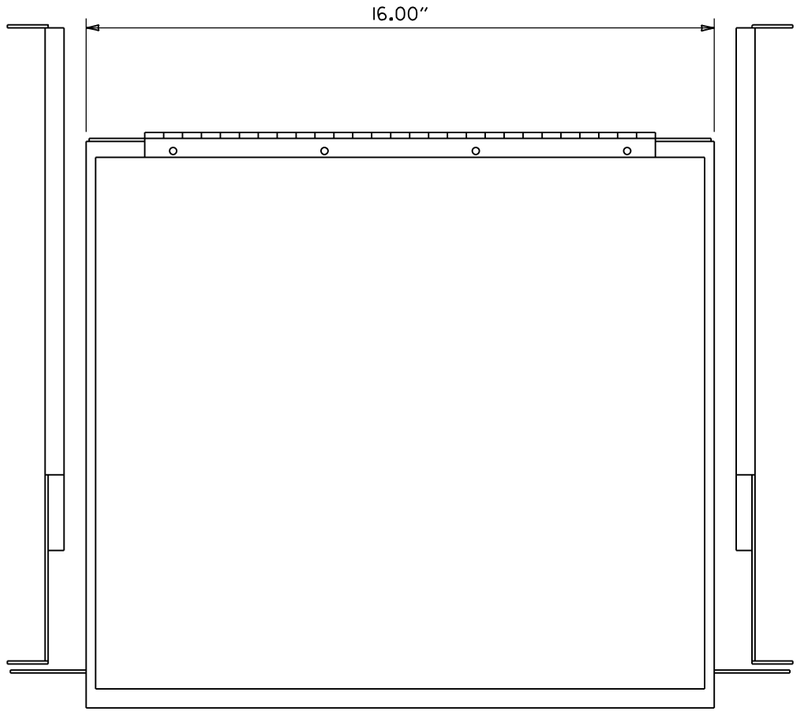
DATE	REVISION	FILMED
11-16-17	REVISED NOTES	
02-27-14	REVISED NOTES.	
09-12-13	ISSUED AS STANDARD DRAWING	
05-21-09	REVISED GROUNDING	
07-31-08	REVISED GROUNDING	
04-18-08	REVISED AASHTO NOTES	
04-17-08	REVISED TO 2001 AASHTO STANDARDS	
09-06-00	ISSUED	

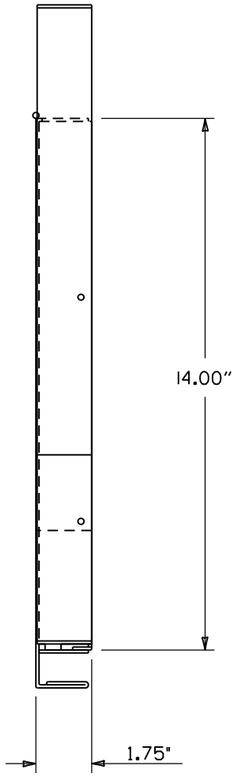
ARKANSAS STATE HIGHWAY COMMISSION

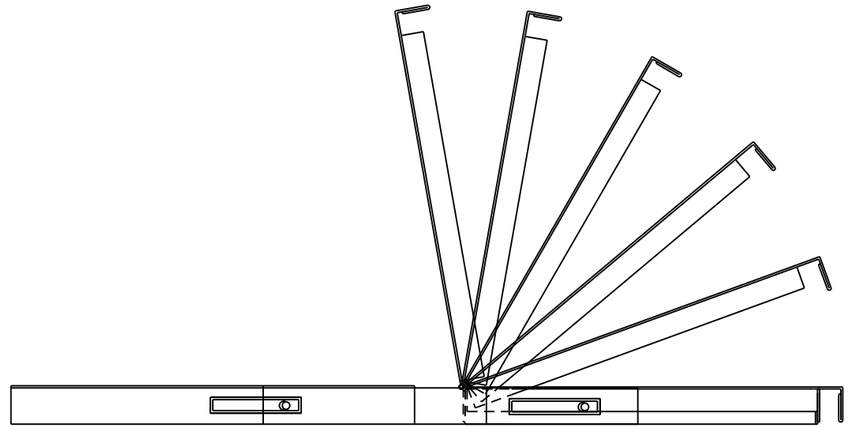
ANTENNA POLE

STANDARD DRAWING SD-1

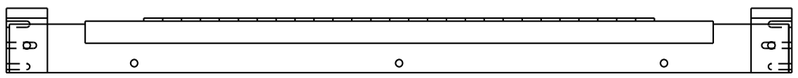
DRAWER PLAN VIEW



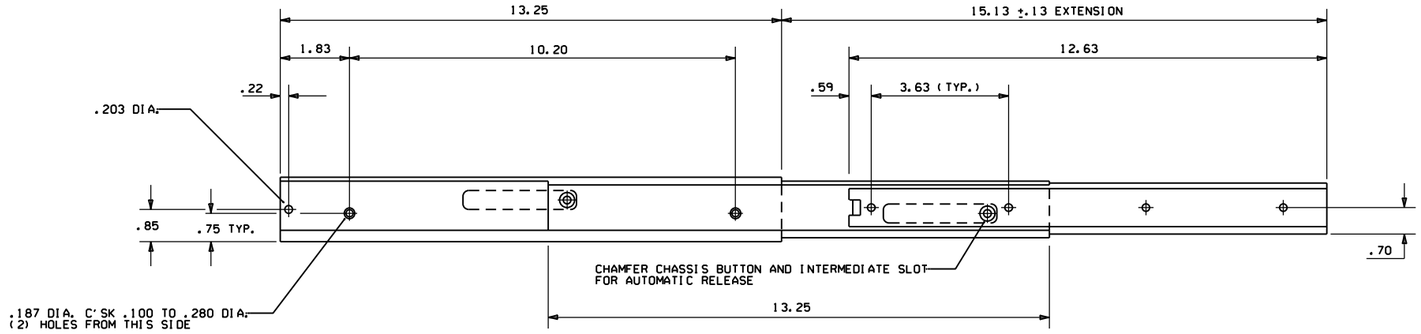




NOTES:
1. RIGHT HAND SLIDE SHOWN, LEFT SLIDE OPPOSITE.
2. GENERAL DEVICES (CC3002-99-0102) OR EQUAL AND CONTAINS (1) RIGHT HAND SLIDE ASSEMBLY, (1) LEFT HAND SLIDE ASSEMBLY.
3. ALL HARDWARE NECESSARY TO FASTEN SLIDE ASSEMBLY TO UNDERSIDE OF CONTROLLER SHELF SHALL BE INCLUDED.



FRONT VIEW



RIGHT SIDE ASSEMBLY

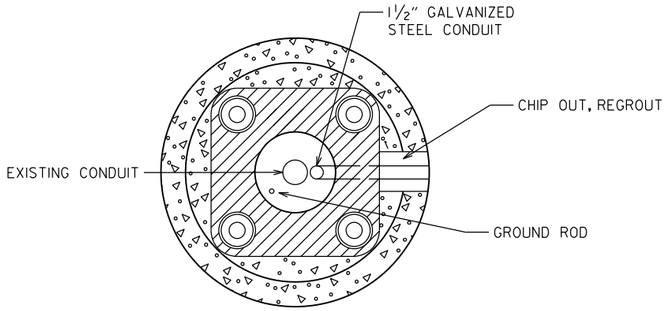
DATE	REVISION	DATE FILM
9-12-13	ISSUED AS STANDARD DRAWING	
6-15-05	ISSUED	

ARKANSAS STATE HIGHWAY COMMISSION

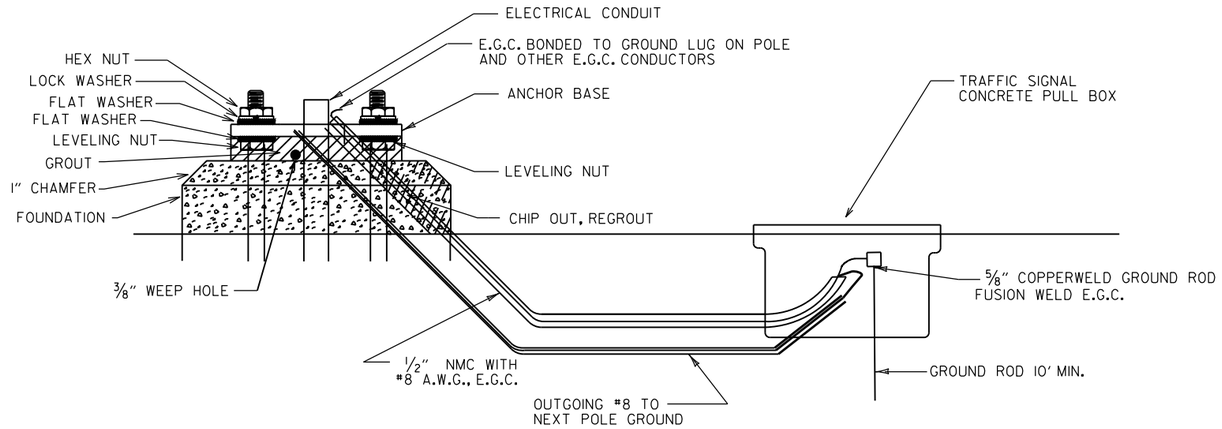
CONTROLLER CABINET UTILITY DRAWER

STANDARD DRAWING SD-5

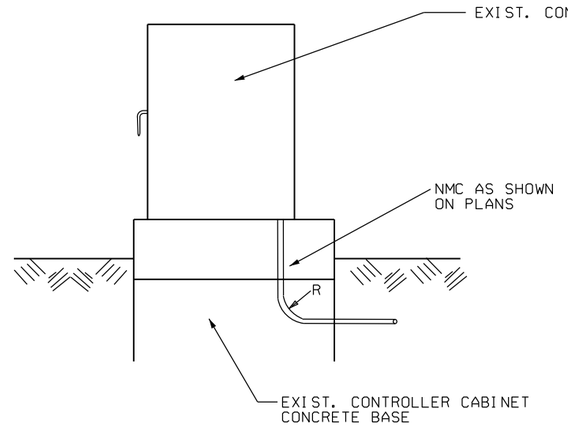
CONDUIT ENTRY TO EXISTING POLE BASE



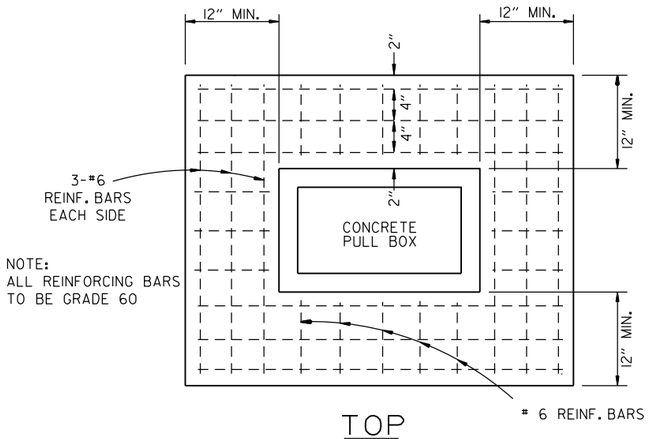
ANCHOR BASE



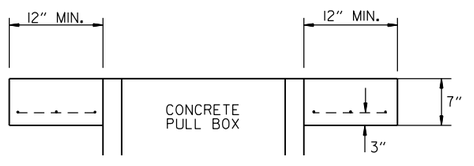
CONDUIT ENTRY TO EXISTING CONTROLLER CABINET



NOTE: ENTRY TO CABINET SHALL BE THROUGH A CUT IN THE BASE SUFFICIENT TO PROVIDE ADEQUATE CONDUIT RADIUS FOR ITEM.

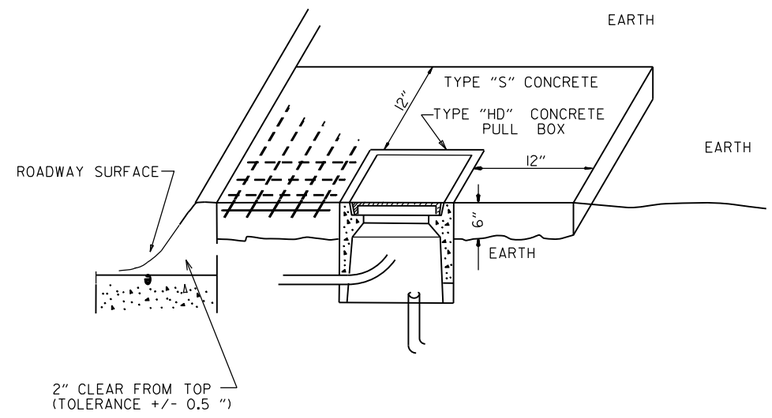


TOP



ELEVATION

TYPE "HD" CONCRETE PULL BOX DETAIL



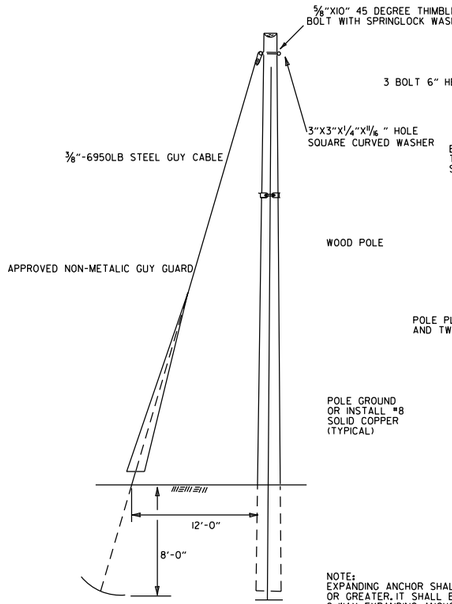
NOTE:
ALL TYPE 1 AND TYPE 2 HD CONCRETE PULL BOXES ARE INSTALLED WITH AN APRON OF CONCRETE 12" WIDE AND 7" IN DEPTH. ALL PAYMENT SHALL BE INCLUDED IN THE PRICE OF THE TYPE HD CONCRETE PULL BOX. THE CONCRETE PULL BOX SHALL BE INSTALLED FLUSH TO SURROUNDING GRADE UNLESS OTHERWISE INSTRUCTED BY THE ENGINEER. THE CONCRETE SHALL BE CLASS "S". THREE #6 REINFORCING BARS IN THE APRON ON ALL SIDES OF THE CONCRETE PULL BOX IS REQUIRED IN CONCRETE.

DATE	REVISION	FILMED
11-16-17	REVISED NOTES	
09-02-15	REVISED PULL BOX DEPTH	
09-12-13	ISSUED AS STANDARD DRAWING	
05-21-09	REVISED GROUNDING	
07-31-08	ADDED & REVISED CONDUIT ENTRY	
06-23-04	REVISED CLEARANCE AT CURB ENTRY	
01-04-02	ADDED REINFORCING TO BOX APRON	
07-02-01	REVISED	
12-27-99	REVISED NOTES	
11-18-98	ISSUED	

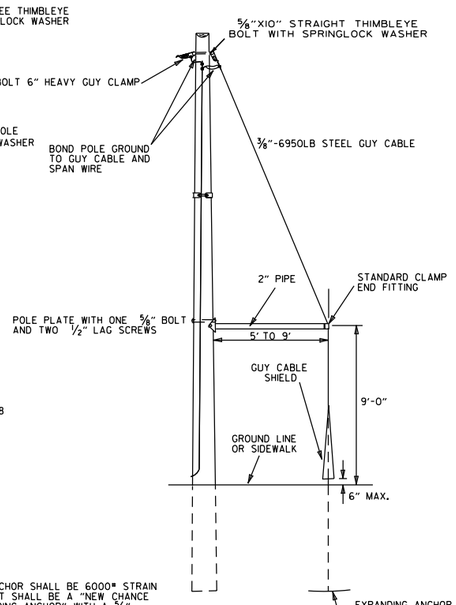
ARKANSAS STATE HIGHWAY COMMISSION

HEAVY DUTY PULL BOX

STANDARD DRAWING SD-6

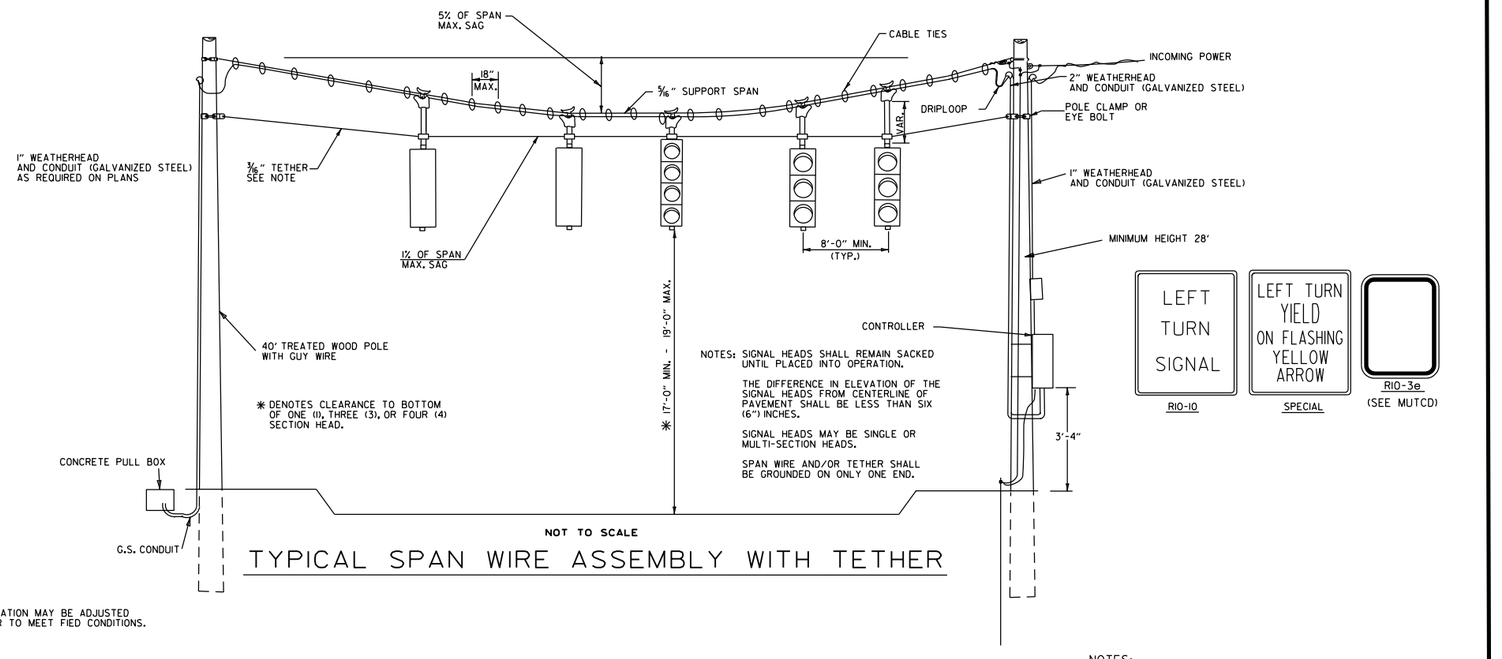


STANDARD GUY INSTALLATION



NOTE:
EXPANDING ANCHOR SHALL BE 6000# STRAIN OR GREATER. IT SHALL BE A "NEW CHANCE 8-WAY EXPANDING ANCHOR", WITH A ⅝" MINIMUM GUY ROD.

SIDEWALK GUY INSTALLATION



✱ DENOTES CLEARANCE TO BOTTOM OF ONE (1), THREE (3), OR FOUR (4) SECTION HEAD.

NOTES: SIGNAL HEADS SHALL REMAIN SACKED UNTIL PLACED INTO OPERATION.

THE DIFFERENCE IN ELEVATION OF THE SIGNAL HEADS FROM CENTERLINE OF PAVEMENT SHALL BE LESS THAN SIX (6") INCHES.

SIGNAL HEADS MAY BE SINGLE OR MULTI-SECTION HEADS.

SPAN WIRE AND/OR TETHER SHALL BE GROUNDED ON ONLY ONE END.

NOT TO SCALE

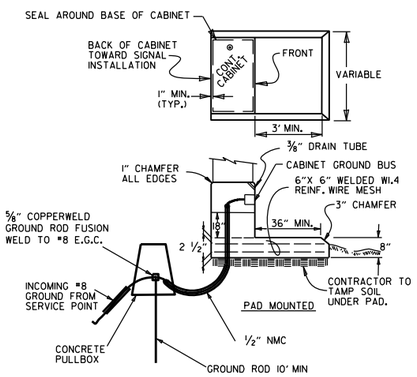
TYPICAL SPAN WIRE ASSEMBLY WITH TETHER

NOTES:
SPAN WIRE POLES SHALL BE MOUNTED A MINIMUM OF FOUR (4') FEET BEHIND CURB OR SHOULDER.

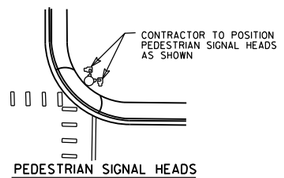
SPAN WIRE ASSEMBLIES WILL REQUIRE TETHER UNLESS OTHERWISE NOTED ON PLAN SHEETS.

CABLE TIES SHALL BE SUITABLE FOR OUTSIDE USE (BLACK).

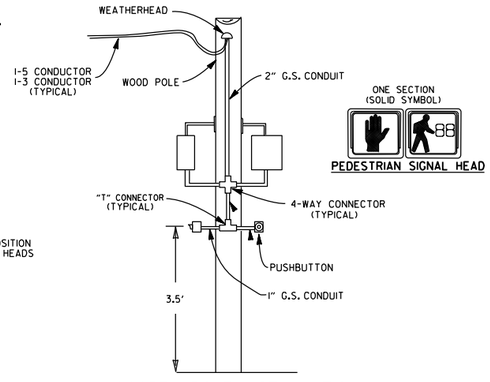
THE CONTROLLER POWER SUPPLY GROUND BUSS SHALL BE BONDED TO THE FOUNDATION GROUND ROD WITH A #8 A.W.G. SOLID COPPER WIRE. ON EXISTING FOUNDATIONS WITH NO GROUND ROD, CONTRACTOR SHALL INSTALL A 10' X ⅝" COPPERWELD GROUND ROD.



CONCRETE BASE MOUNTED CABINET DETAILS

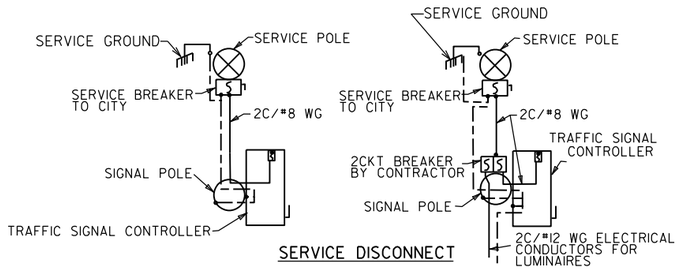


PEDESTRIAN SIGNAL HEADS



WOODEN POLE INSTALLATION OF PED HEADS

PEDESTRIAN SIGNAL HEAD



NOTE: ELECTRICAL GROUND CONDUCTOR IS BONDED TO ALL METAL ENCLOSURES

NOTES:

EACH ITEM "TRAFFIC SIGNAL HEAD (4 SEC., 1-WAY)" SHALL INCLUDE A SPECIAL SIGN AS SHOWN, ATTACHED TO THE MAST ARM OR SPAN ASSEMBLY 12" TO THE RIGHT OF THE SIGNAL HEAD UNLESS REMOVED WITHIN SIGNAL PLAN NOTES.

EACH ITEM "TRAFFIC SIGNAL HEAD (3 SEC., 1-WAY)", TO BE USED AS A LEFT TURN INDICATION ONLY, SHALL INCLUDE A SIGN (RIO-10) AS SHOWN, ATTACHED TO THE MAST ARM OR SPAN ASSEMBLY 12" TO THE RIGHT OF THE SIGNAL HEAD.

ALL SIGN BLANK SHALL BE CONSTRUCTED OF ALUMINUM ALLOY (ASTM DESIGNATION B-209, ALLOY 5052-H38) WITH A THICKNESS OF 0.100 INCH.

ALL SIGN FACE SHALL BE CONSTRUCTED OF HIGH INTENSITY SHEETING (TYPE III) WITH SILKSCREEN LEGEND AND BORDER.

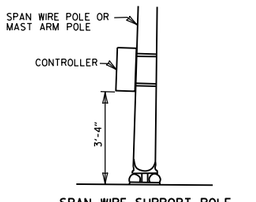
SIGNAL OPERATION NOTES:

FLASHING OPERATION - PRIOR TO NORMAL OPERATION, SIGNAL SHALL BE FLASHED FOR A PERIOD OF 3 TO 5 WORK DAYS. SIGNAL SHALL BE PLACED IN OPERATION ONLY ON A REGULAR WORK DAY, EXCEPT FRIDAY.

THE CONTRACTOR MAY BE REQUIRED TO ALTER THE FLASHING DISPLAY DURING THE TEMPORARY FLASH PERIOD. AT THE TIME THE INTERSECTION IS PLACED IN PERMANENT OPERATION, THE FLASH SEQUENCE SHALL THEN BE RETURNED TO THAT INDICATED ON THE PLAN SHEETS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THESE ALTERATIONS IN FLASH SEQUENCE.

CABINET NOTE:

UNLESS OTHERWISE DIRECTED BY THE ENGINEER, CABINET ORIENTATION SHALL BE SUCH THAT THE BACK OF THE CABINET IS PARALLEL TO THE STREET AND POSITIONED TO ALLOW VISIBILITY OF THE SIGNAL DISPLAY WHILE OBSERVING THE CONTROLLER FRONT PANEL.



SPAN WIRE SUPPORT POLE AND MAST ARM POLE MOUNTED

MINIMUM STRUCTURAL REQUIREMENTS:

DESIGN SPECIFICATIONS: AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION (2001) WITH 2003 AND 2006 INTERIMS.

CONSTRUCTION SPECIFICATIONS: STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (CURRENT EDITION) WITH APPLICABLE SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS.

BASE WIND SPEED: 90 MPH

STEEL MEMBERS CONSIDERED MAIN LOAD CARRYING MEMBERS WITH THICKNESS GREATER THAN ½" SHALL MEET THE LONGITUDINAL CHARPY V-NOTCH TEST SPECIFIED IN SUBSECTION 807.05 OF THE STANDARD SPECIFICATIONS.

DATE	REVISION	FILMED
11-16-17	REVISED NOTES, ADDED SPAN WIRE SUPPORT POLE DETAIL, ADDED PEDESTRIAN SIGNAL HEAD DETAIL	
02-27-14	REVISED NOTES.	
09-12-13	ISSUED AS STANDARD DRAWING	
07-21-11	REVISED PEDESTRIAN SIGN & GROUNDING	
04-17-08	REVISED TO 2001 AASHTO STANDARDS	
10-12-04	REV. CABINET ORIENTATION & SIGNAL OPERATION	
05-22-02	REV. TYP. SPAN WIRE ASSEMBLY	
12-27-99	REVISED	
11-18-98	REVISION TO NOTES	
11-21-95	ISSUED	

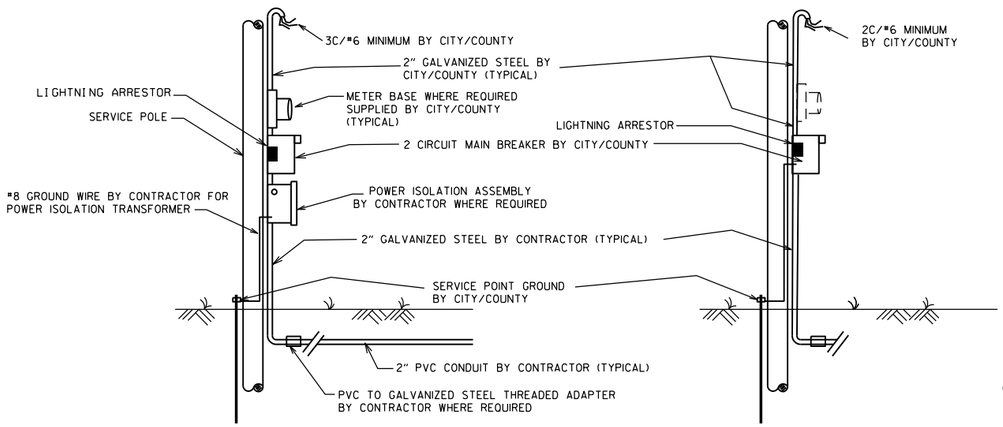
ARKANSAS STATE HIGHWAY COMMISSION

SPAN WIRE ASSEMBLY WOOD POLE

STANDARD DRAWING SD-7

MAIN BREAKER NOT NEAR CONTROLLER CABINET SECONDARY REQUIRED

WITH POWER ISOLATION ASSEMBLY



WITHOUT POWER ISOLATION ASSEMBLY

NOTES TO CONTRACTOR AND AGENCY RESPONSIBLE FOR MAINTENANCE OF THE INTERSECTION (CITY/COUNTY):

ELECTRICAL SERVICE TYPICALLY FALLS INTO TWO CATEGORIES: MAIN BREAKER NEAR CONTROLLER CABINET; AND MAIN BREAKER NOT NEAR CONTROLLER CABINET. THE CONTRACTOR'S AND THE CITY'S/COUNTY'S RESPONSIBILITY VARIES ACCORDINGLY AS INDICATED ON THESE DETAILS.

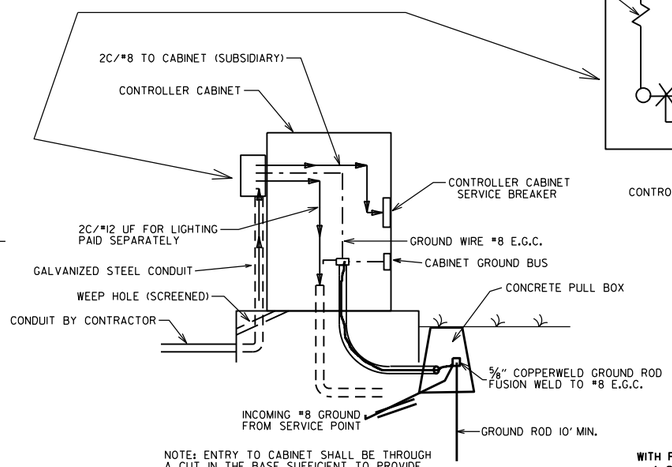
ALL SITUATIONS:
ELECTRICAL SERVICE SHALL BE PROVIDED BY THE CITY/COUNTY TO A SERVICE POLE WITH EXTERNAL RAINTIGHT BREAKER (MAIN BREAKER) AT A MUTUALLY ACCEPTABLE POINT WITHIN THE RIGHT-OF-WAY. SERVICE POINT INCLUDES GALVANIZED STEEL CONDUIT TO A POINT 18" BELOW GROUND LINE, TWO CIRCUIT MAIN BREAKER, LIGHTNING ARRESTOR, POWER ISOLATION ASSEMBLY WHERE REQUIRED, METER LOOP IF REQUIRED BY LOCAL UTILITY COMPANY, ELECTRICAL CONDUCTORS AND WEATHERHEAD. WHERE STREET LIGHTING IS INCLUDED AS PART OF SIGNAL INSTALLATION STREET LIGHTING CIRCUIT (2C/#12 A.W.G. UF RATED, TYPICAL) SHALL BE KEPT SEPARATE FROM THE CIRCUIT SERVING TRAFFIC SIGNAL. SERVICE WIRE AND WIRING FROM THE CONTROLLER TO MAIN BREAKER IS PROVIDED BY THE CONTRACTOR AS A PART OF THIS CONTRACT. WIRE AND WIRING FROM MAIN BREAKER, AND CONNECTION TO THE UTILITY IS THE RESPONSIBILITY OF THE CITY/COUNTY.

MAIN BREAKER NOT NEAR CONTROLLER CABINET:
THE MAIN BREAKER ASSEMBLY, GALVANIZED STEEL CONDUIT. WEATHERHEAD AND WIRE ABOVE MAIN BREAKER AND CONNECTION TO THE UTILITY SHALL BE PROVIDED BY CITY/COUNTY. CONTRACTOR SHALL PROVIDE AS PART OF CONTRACT SECONDARY BREAKER, CONDUIT, WIRE AND WIRING TO THE MAIN BREAKER.

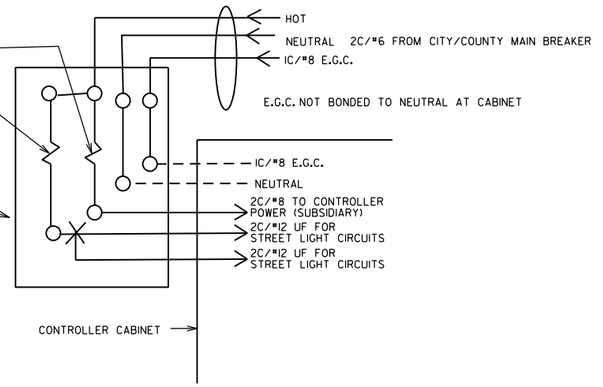
MAIN BREAKER NEAR CONTROLLER CABINET:
ALL COMPONENTS OF THE SERVICE POINT WITH THE EXCEPTION OF THE WIRE AND WIRING ABOVE THE MAIN BREAKER IS FURNISHED AND INSTALLED BY THE CONTRACTOR. WIRING FROM MAIN BREAKER INCLUDING CONNECTION TO THE UTILITY, IS THE RESPONSIBILITY OF THE CITY/COUNTY. IF METER LOOP IS REQUIRED, METER BASE AND HARDWARE IS PROVIDED BY THE CITY/COUNTY AND INSTALLED BY THE CONTRACTOR.

GROUND ROD - A 10' X 5/8" GROUND ROD SHALL BE INSTALLED IN THE CONCRETE PULL BOX FOR EACH POLE AND THE CONTROLLER. PAYMENT FOR THE GROUND ROD AND 1/2" NMC SHALL BE INCLUDED IN ITEM 701. THE CONCRETE PULL BOX AND CONDUCTOR BOX SHALL BE PAID FOR SEPARATELY.

SECONDARY BREAKER BY CONTRACTOR (SUBSIDIARY)



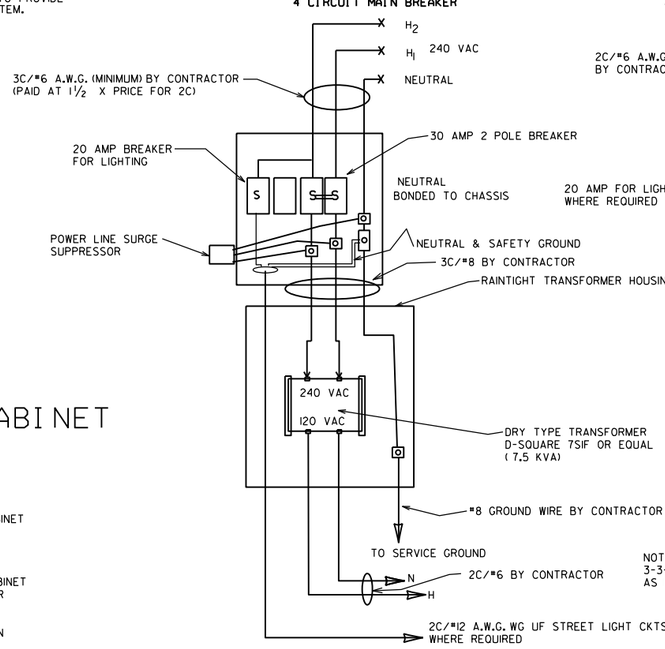
NOTE: ENTRY TO CABINET SHALL BE THROUGH A CUT IN THE BASE SUFFICIENT TO PROVIDE ADEQUATE CONDUIT RADIUS FOR ITEM.



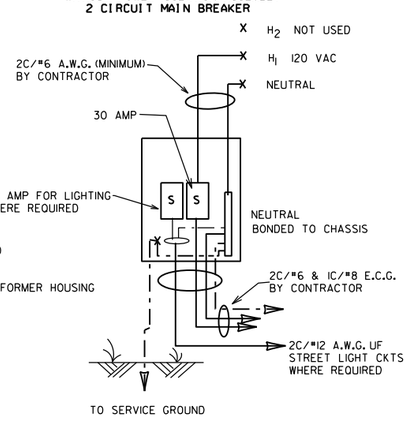
MAIN BREAKER WIRING (TYPICAL)

SERVICE GROUND IS TYPICALLY TIED TO NEUTRAL AT THE MAIN BREAKER. AS SUCH, CONTROLLER GROUND IS NOT TIED TO NEUTRAL AT SECONDARY BREAKER OR IN CONTROLLER CABINET.

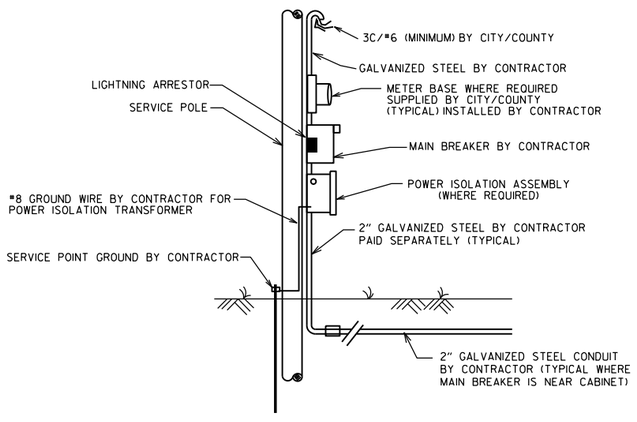
WITH POWER ISOLATION ASSEMBLY
4 CIRCUIT MAIN BREAKER



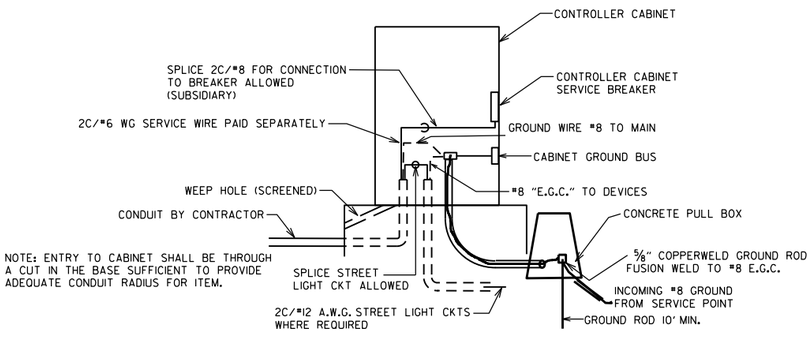
WITHOUT POWER ISOLATION ASSEMBLY
2 CIRCUIT MAIN BREAKER



NOTE: ELECTRICAL GROUND CONDUCTOR (E.C.G.) ADDED 3-3-2003, CONSISTING OF A IC/#8 A.W.G. CU GREEN WIRE AS PER NATIONAL ELECT. CODES.



MAIN BREAKER NEAR CONTROLLER CABINET SECONDARY NOT REQUIRED



NOTE: ENTRY TO CABINET SHALL BE THROUGH A CUT IN THE BASE SUFFICIENT TO PROVIDE ADEQUATE CONDUIT RADIUS FOR ITEM.

DATE	REVISION	FILMED
11-07-19	REVISED	
11-16-17	REVISED NOTES	
09-12-13	ISSUED AS STANDARD DRAWING	
04-18-13	ADDED LIGHTNING ARRESTOR	
05-21-09	REVISED GROUNDING	
07-31-08	REVISED GROUNDING	
03-03-03	ADDED EGC NOTE	
09-26-01	REVISED	
12-27-99	REVISED	
07-28-99	REVISED	
02-05-99	ISSUED	

ARKANSAS STATE HIGHWAY COMMISSION

SERVICE POINT

STANDARD DRAWING SD-9

NOTES:
PEDESTRIAN AND TRAFFIC SIGNAL HEAD SIGNS:
EACH ITEM "TRAFFIC SIGNAL HEAD (4 SEC., 1-WAY)" SHALL INCLUDE A SPECIAL SIGN AS SHOWN, ATTACHED TO THE MAST ARM OR SPAN ASSEMBLY 12" TO THE RIGHT OF THE SIGNAL HEAD UNLESS REMOVED WITHIN THE SIGNAL PLAN NOTES.

EACH ITEM "TRAFFIC SIGNAL HEAD (3 SEC., 1-WAY)" TO BE USED AS A LEFT TURN INDICATION ONLY SHALL INCLUDE A SIGN (R10-10) AS SHOWN, ATTACHED TO THE MAST ARM OR SPAN ASSEMBLY 12" TO THE RIGHT OF THE SIGNAL HEAD.

EACH PEDESTRIAN PUSHBUTTON SHALL HAVE ONE R10-3E SIGN ATTACHED TO THE POLE ABOVE THE BUTTON. ALL SIGNS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 723 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

ALL SIGN BLANKS SHALL BE CONSTRUCTED OF ALUMINUM ALLOY (ASTM DESIGNATION B-209. ALLOY 5052-H38) WITH THICKNESS OF 0.100 INCH.

GENERAL NOTES:
1. MAST ARM POLES SHALL BE MOUNTED A MINIMUM OF FOUR (4') FEET BEHIND CURB OR SHOULDER.

2. OCTAGONAL POLES AND ARMS MEETING THE REQUIREMENTS OF THE PLANS SPECIFICATIONS CAN BE INSTALLED IN LIEU OF ROUND. ALL POLES AND ARMS IN A JOB MUST BE THE SAME SHAPE.

3. MINIMUM STRUCTURAL REQUIREMENTS:
DESIGN SPECIFICATIONS: AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION (2001) WITH 2003 AND 2006 INTERIMS.

USE FATIGUE CATEGORY I FOR ALL STRUCTURES ON ROUTES WHERE THE SPEED LIMIT IS 65 MPH AND GREATER AT THE STRUCTURE LOCATION AND ON ROUTES WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH WITH AN MAST ARM OF 60' OR LONGER.

USE FATIGUE CATEGORY II FOR ALL STRUCTURES ON ROUTES WHERE THE SPEED LIMIT IS LESS THAN 65 MPH AND GREATER THAN 45 MPH WITH MAST ARMS LESS THAN 60' AND ON ROUTES WHERE THE SPEED LIMITS OF 45 MPH AND LESS WITH AN MAST ARM OF 60' OR LONGER.

USE FATIGUE CATEGORY III FOR ALL STRUCTURES WHERE THE SPEED LIMIT IS 45 MPH AND LESS AND MAST ARMS LESS THAN 60'.

CONSTRUCTION SPECIFICATIONS:
STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (CURRENT EDITION) WITH APPLICABLE SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS.

BASE WIND SPEED: 90 MPH.

STEEL MEMBERS CONSIDERED MAIN LOAD CARRYING MEMBERS WITH A THICKNESS GREATER THAN ½" SHALL MEET THE LONGITUDINAL CHARPY V-NOTCH TEST SPECIFIED IN SUBSECTION 807.05 OF THE STANDARD SPECIFICATIONS.

DEAD LOAD: AS A MINIMUM, DESIGN SHALL BE BASED ON THE FIXED ATTACHMENTS SHOWN BELOW OR AS MODIFIED IN THE PLANS.

ALL SIGNAL HEADS TO BE ONE WAY, TWELVE (12") INCH AND HAVE FIVE (5") INCH BACK PLATES:

SIGNAL HEADS AT THE END OF MAST ARM - ONE 4 SEC., 85 LB., 14.5 SQ. FT., ONE SIGN MOUNTED 3 FEET FROM SIGNAL HEAD (2'-0" X 2'-6"; 20 LB.) REMAINING SIGNAL HEADS SPACED AT 8 FT. (3 SEC., 56 LB., 8.3 SQ. FT.):
DESIGN TO ACCOMMODATE:
2 SIGNAL HEADS FOR MAST ARMS 10 FT. TO 16 FT.
3 SIGNAL HEADS FOR MAST ARMS 18 FT. TO 24 FT.
4 SIGNAL HEADS FOR MAST ARMS OVER 26 FT.

STREET NAME SIGN - 72" X 18", 36 LB., MOUNTED SUCH THAT OUTSIDE EDGE IS NOT GREATER THAT 12 FT. FROM POLE. DEPENDING UPON POSITION OF SIGNAL HEAD ADJACENT TO POLE, SIGN MAY OVERLAP POLE SHAFT.
ROADWAY LUMINAIRES (WHERE REQUIRED ON PLAN SHEET) - VARIABLE ARM LENGTH (MAX. WT. 75 LB., 3.3 SQ. FT.)
PEDESTRIAN SIGNALS - TWO 1 SEC., 12 INCH MOUNTED 8 FT. FROM BASE OF POLE. POST MOUNTED 3 SEC. SIGNAL HEAD AT 10 FT. ON SIDE OF POLE.

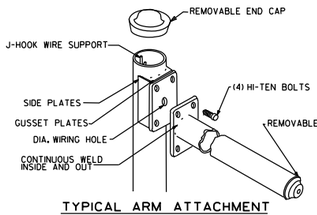
4. POLE/MAST ARM CAP - POLE AND MAST ARM CAPS SHALL BE PROVIDED, FABRICATED OF EITHER STEEL OR CAST ALUMINUM.

5. HAND HOLE - HAND HOLES SHALL BE 4 IN. X 6 IN. FOR STANDARD, AND 3 IN. X 5 IN. FOR PED POLES. MINIMUM PLACED APPROXIMATELY 12 INCHES FROM BASE, AND SHALL BE FIXED WITH A BOLT DOWN COVER. A VACCUM FORMED ABS COVER IS AN ACCEPTABLE ALTERNATE TO STEEL. POLES GREATER THAN 21 FT. IN HEIGHT (FOR ROADWAY LUMINAIRE ATTACHMENT) SHALL INCLUDED A HAND HOLE WITHIN 12 INCHES OF MAST ARM(S) ATTACHMENT(S).

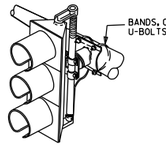
6. POLE/MAST ARM TAPER SLOPE - AVERAGE TAPER OF SIGNAL MAST ARMS AND POLE SHAFT SHALL BE 0.125 TO 0.15 INCHES PER FOOT.

MAST ARM CENTERLINE ANGLE AT ATTACHMENT POINT WITH POLE SHALL MAINTAIN NOT LESS THAN 0.5 DEGREES OR MORE THAN 4 DEGREES POSITIVE SLOPE WITH A LINE PERPENDICULAR TO THE POLE CENTERLINE. THE MAST ARM SHALL MAINTAIN A POSITIVE SLOPE AFTER IT IS PLACED UNDER LOAD.

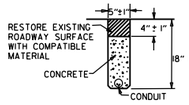
7. NUT COVERS - EACH POLE SHALL INCLUDE A BOLT DOWN NUT COVER FOR EACH ANCHOR BOLT.



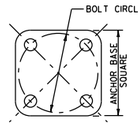
TYPICAL ARM ATTACHMENT



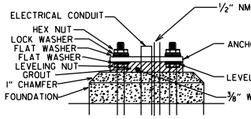
NOTE: THE SIGNAL SHALL BE CONNECTED TO THE MAST ARM BY BRACKETING AS DIRECTED BY THE ENGINEER.



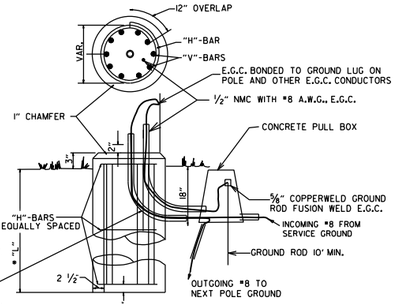
TRENCHING DETAIL
(FOR SAW CUT TRENCH IN ROADWAY)



ANCHOR BASE



THE SWEEPING "L" IN THE FOUNDATION SHALL BE THE SAME SIZE AS THE CONDUIT FROM THE FOUNDATION TO THE PULL BOX AS SHOWN ON THE PLANS.

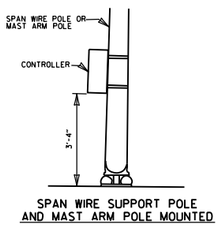


THE GROUND ROD SHALL BE FUSION WELDED TO A 1C/#8 A.W.G. SOLID COPPER GROUND WIRE. ATTACHMENT TO THE PRIMARY GROUND MAY BE BY AN APPROVED CLAMP. THE GROUND ROD IS TO BE LOCATED IN THE CONCRETE PULL BOX.

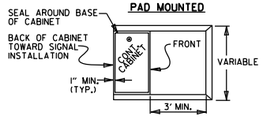
TYPICAL FOUNDATION DETAILS

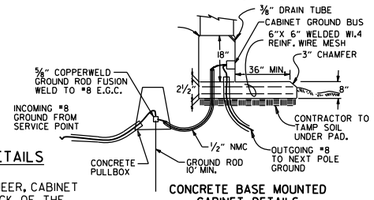
POLE FOUNDATION MINIMUM DIMENSIONS AND STEEL REINFORCING. ALL REINFORCING STEEL SHALL BE GRADE 40 MIN.

ARM LENGTH	FOUNDATION DIAMETER	DEPTH "L"*	STEEL		
			VERTICAL	HORIZONTAL	O.C.
PED	30"	7'-0"	12-#7 (6'-6")	10-#4	8.44"
2' TO 12'	30"	10'-6"	12-#7 (10'-0")	15-#4	8.42"
OVER 12' TO 20'	30"	11'-6"	12-#7 (11'-0")	16-#4	8.66"
OVER 20' TO 35'	36"	12'-6"	13-#8 (12'-0")	17-#4	8.88"
OVER 35' TO 50'	36"	13'-6"	13-#8 (13'-0")	19-#4	8.56"
OVER 50' TO 72'	42"	14'-6"	18-#8 (14'-0")	20-#4	8.74"
TWINS TO 20'	30"	16'-0"	12-#6 (15'-6")	22-#4	8.76"
TWINS OVER 20' TO 44'	36"	16'-0"	13-#8 (15'-6")	22-#4	8.76"
TWINS OVER 44' TO 50'	42"	16'-0"	18-#8 (15'-6")	22-#4	8.76"
TWINS OVER 50' TO 72'	42"	16'-6"	18-#8 (16'-0")	23-#4	8.64"



SPAN WIRE SUPPORT POLE AND MAST ARM POLE MOUNTED





CONCRETE BASE MOUNTED CABINET DETAILS

CONTROLLER CABINET MOUNTING DETAILS

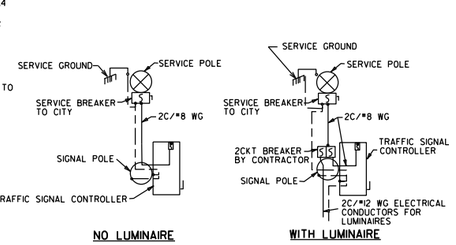
NOTE:
UNLESS OTHERWISE DIRECTED BY THE ENGINEER, CABINET ORIENTATION SHALL BE SUCH THAT THE BACK OF THE CABINET IS PARALLEL TO THE STREET AND POSITIONED TO ALLOW VISIBILITY OF THE SIGNAL DISPLAY WHILE OBSERVING THE CONTROLLER FRONT PANEL.

8. GROUND ROD - A 10' X ⅝" GROUND ROD SHALL BE INSTALLED IN THE CONCRETE PULL BOX FOR EACH POLE AND THE CONTROLLER. PAYMENT FOR THE GROUND ROD AND ½" NMC SHALL BE INCLUDED IN ITEM 714 FOR SIGNAL POLES AND ITEM 701 FOR THE CONTROLLER. THE CONCRETE PULL BOX AND CONDUCTOR BOX SHALL BE PAID SEPERATELY.

9. POLE BASE/FOUNDATION - ANCHOR BOLTS SHALL INCLUDE AS A MINIMUM, ONE LEVELING NUT, TWO FLAT WASHERS, ONE LOCK WASHER, AND ONE HEX NUT. PERIMETER OF ANCHOR BASE SHALL BE GROUTED WITH A ¼" WEEP HOLE. ALL CONCRETE SHALL BE CLASS "S" OR GREATER.

10. CONCRETE - ALL CONCRETE FOR CONTROLLER CABINET AND POLE FOUNDATIONS SHALL BE CLASS "S" OR GREATER.

11. PEDESTRIAN PHASES - PEDESTRIAN MOVEMENTS SHALL BE PUSH BUTTON ACTUATED AND CONCURRENTLY TIMED, UNLESS OTHERWISE INDICATED ON THE PLAN SHEET(S). FURNISHING AND INSTALLING PEDESTRIAN PUSH SWITCH SHALL BE CONSIDERED SUBSIDIARY TO THE ITEM 707 PEDESTRIAN SIGNAL HEAD.



SERVICE DISCONNECT
NOTE: ELECTRICAL GROUND CONDUCTOR IS BONDED TO ALL METAL ENCLOSURES

* WHEN THE GROUND ELEVATION AT THE POLE IS LOWER THAN THE ROADWAY ELEVATION, THE LENGTH OF FOUNDATION ABOVE THE GROUND MAY BE INCREASED TO PROVIDE THE REQUIRED SIGNAL HEAD CLEARANCE ABOVE THE ROADWAY. WHEN THE REQUIRED LENGTH OF FOUNDATION ABOVE THE GROUND IS 18" OR LESS, NO INCREASE IN DEPTH "L" WILL BE REQUIRED. WHEN THE REQUIRED LENGTH OF FOUNDATION ABOVE THE GROUND IS 5'-6" OR LESS, INCREASE DEPTH "L" BY 1'-0". FOR LENGTHS GREATER THAN 5'-6", DEPTH "L" SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER. LONGITUDINAL REINFORCING, AS SHOWN IN THE TABLE, SHALL BE PROVIDED FOR THE LENGTH OF THE EXTENDED SHAFT AND #4 TIES SHALL BE PROVIDED AT A SPACING NOT TO EXCEED 9" ON CENTERS. PAYMENT WILL BE IN ACCORDANCE WITH SECTION 714 TRAFFIC SIGNAL MAST ARM AND POLE WITH FOUNDATION OF THE STANDARD SPECIFICATIONS.

** IN LIEU OF DESIGNING THE STRUCTURE TO RESIST PERIODIC GALLOPING, A VIBRATORY MITIGATION DEVICE MAY BE PROVIDED BY THE POLE MANIFACTURER. THE VIBRATORY MITIGATION DEVICE SHALL BE AN ANTI-GALLOPING PANEL CONSISTING OF A 60" X 16" X 0.125" SIGN BLANK MOUNTED NEAR THE END OF THE MAST ARM NOT TO EXCEED ONE QUARTER OF THE LENGTH OF THE MAST ARM FROM THE END OF THE MAST ARM WITH THE LONG AXIS OF THE PANEL COLLINEAR WITH THE LONG AXIS OF THE MAST ARM. THE PANEL SHOULD BE MOUNTED AT SUCH THE HEIGHT AS TO PROVIDE AT LEAST 6" CLEAR FROM THE TOP OF ANY SIGNAL ASSEMBLY OF SIGN PANEL LOCATED ON THE MAST ARM WITHIN THE LENGTH OF THE ANTI-GALLOPING PANEL.

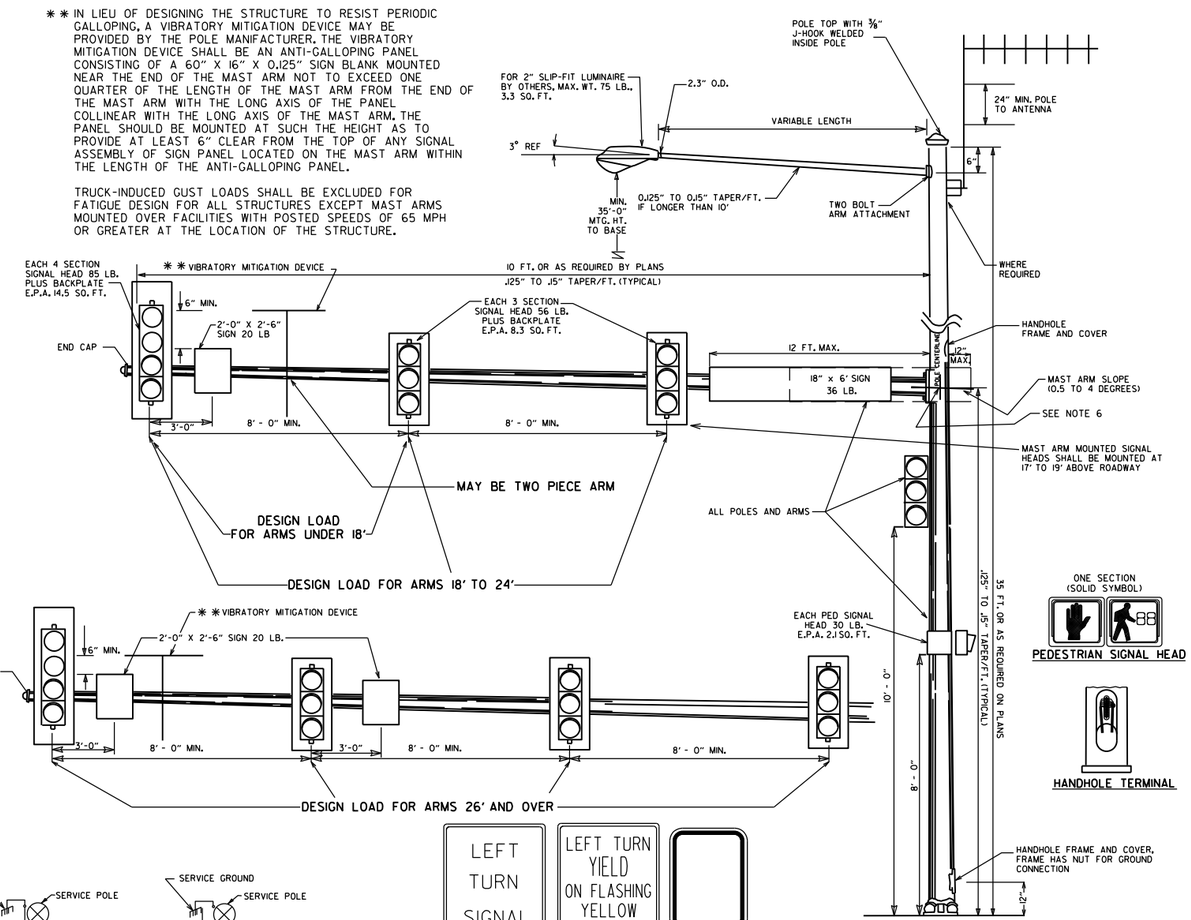
TRUCK-INDUCED GUST LOADS SHALL BE EXCLUDED FOR FATIGUE DESIGN FOR ALL STRUCTURES EXCEPT MAST ARMS MOUNTED OVER FACILITIES WITH POSTED SPEEDS OF 65 MPH OR GREATER AT THE LOCATION OF THE STRUCTURE.

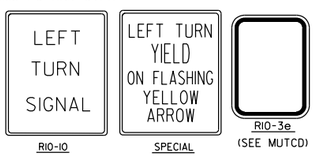
SIGNAL OPERATION NOTES:

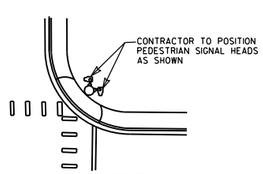
FLASHING OPERATION - PRIOR TO NORMAL OPERATION, SIGNAL SHALL BE FLASHED FOR A PERIOD OF 3 TO 5 WORK DAYS OR AS DIRECTED BY THE ENGINEER. SIGNAL SHALL BE PLACED IN OPERATION ONLY ON A REGULAR WORK DAY, EXCEPT FRIDAY.

THE CONTRACTOR MAY BE REQUIRED TO ALTER THE FLASHING DISPLAY DURING THE TEMPORARY FLASH PERIOD. AT THE TIME THE INTERSECTION IS PLACED IN PERMANENT OPERATION, THE FLASH SEQUENCE SHALL THEN BE RETURNED TO THAT INDICATED ON THE PLAN SHEETS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THESE ALTERATION IN FLASH SEQUENCE.

SPECIAL NOTE: 90 MPH WIND ZONE DESIGN, SEE NOTE 3. MINIMUM STRUCTURAL REQUIREMENTS.







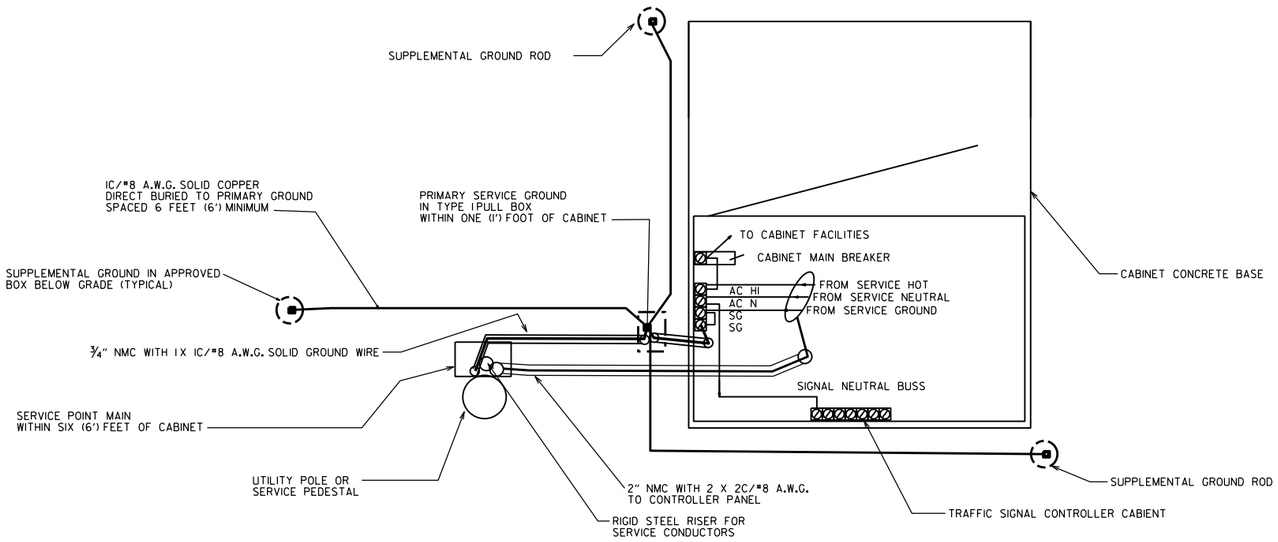
PEDESTRIAN SIGNAL HEADS

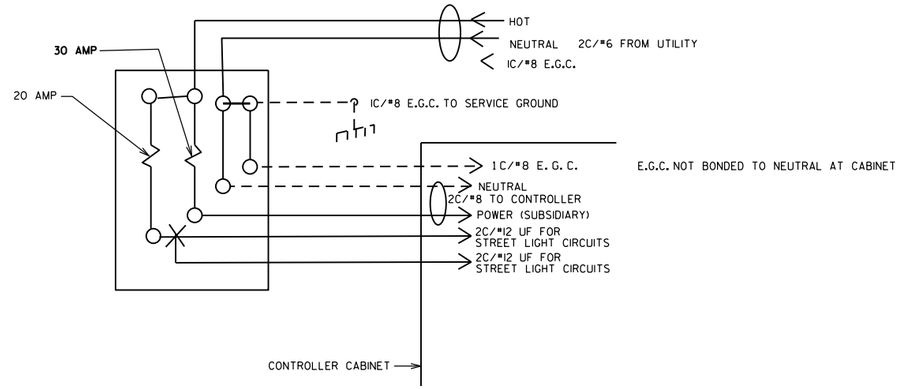
DATE	REVISION	FILMED
11-16-17	REVISED NOTES, ADDED PEDESTRIAN SIGNAL HEAD DETAIL, ADDED HANDHOLE TERMINAL DETAIL, ADDED TRENCHING DETAIL	
02-27-14	REVISED NOTES.	
09-12-13	ISSUED AS STANDARD DRAWING	
12-08-16	REVISED NOTES	
02-27-14	REVISED NOTES	
09-12-13	ISSUED AS STANDARD DRAWING	
07-21-11	REVISED VMD, SIGNAL HEADS	
05-21-09	REVISED GROUNDING	
07-31-08	REVISED GROUNDING	
04-25-08	ADDED VIBRATORY MITIGATION DEVICE & NOTES	
04-18-08	REVISED AASHTO NOTES	
04-17-08	REVISED TO 2001 AASHTO STANDARDS	
10-12-04	REVISED CABINET ORIENTATION	
06-23-04	REVISED	
05-11-04	REV. NOTE 3/AASHTO REQUIREMENTS	
06-11-01	REV. NOTES & POLE MAST ARM SLOPE	
04-11-01	REVISED POLE TAPERS	
04-25-00	REV. NOTES & SIGNAL HEAD PLACEMENT	
11-22-99	REVISED FOUNDATION DETAILS	
11-17-98	REVISED DETAILS AND NOTES	
11-21-95	ISSUED	

ARKANSAS STATE HIGHWAY COMMISSION

STEEL POLE WITH MAST ARM

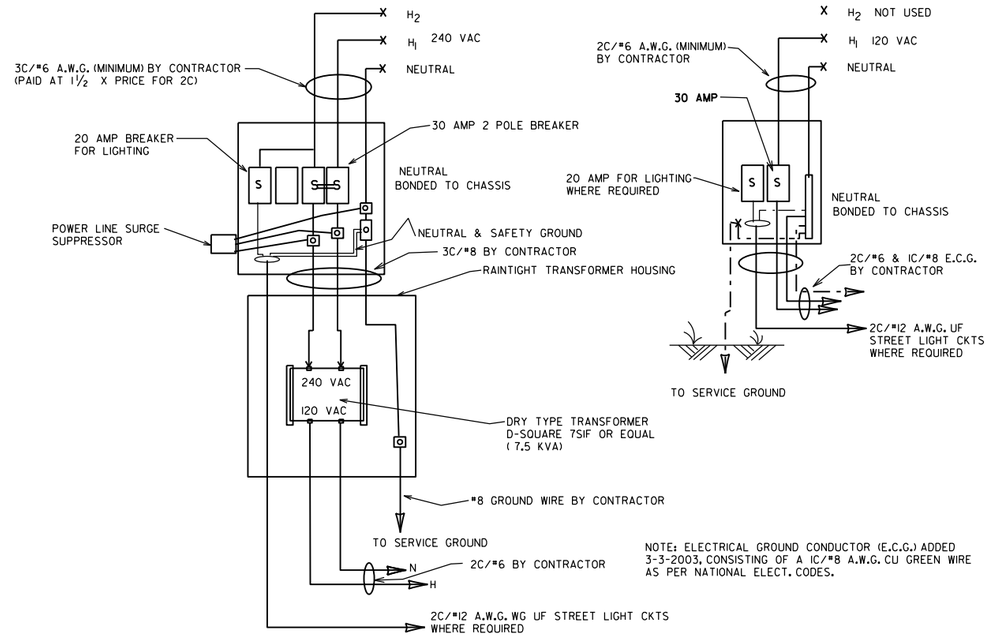
STANDARD DRAWING SD-11





MAIN BREAKER WIRING (TYPICAL)

SERVICE GROUND IS TYPICALLY TIED TO NEUTRAL AT THE MAIN BREAKER. AS SUCH, CONTROLLER GROUND IS NOT TIED TO NEUTRAL AT SECONDARY BREAKER OR IN CONTROLLER CABINET.



NOTES:

LOCATION OF SERVICE:
TO MEET THE REQUIREMENTS FOR SAFETY AND MAXIMIZE LIGHTNING PROTECTION. THE "SERVICE POINT MAIN" FROM THE UTILITY PRIMARY SERVICE POINT MUST BE WITHIN SIX (6') FEET OF THE TRAFFIC SIGNAL CONTROLLER CABINET. ELECTRICAL SERVICE SHALL BE PROVIDED BY THE CITY/COUNTY TO A SERVICE POLE OR PEDESTAL WITH EXTERNAL RAINTIGHT BREAKER (MAIN BREAKER) AT A MUTUALLY ACCEPTABLE POINT WITHIN THE RIGHT-OF-WAY. SERVICE POINT INCLUDES GALVANIZED STEEL CONDUIT TO A POLE 18" BELOW GROUND LINE, TWO CIRCUIT MAIN BREAKER, POWER ISOLATION ASSEMBLY WHERE REQUIRED, METER LOOP IF REQUIRED BY LOCAL UTILITY COMPANY, ELECTRICAL CONDUCTORS AND WEATHERHEAD. WHERE STREET LIGHTING IS INCLUDED AS PART OF SIGNAL INSTALLATION, STREET LIGHTING CIRCUIT (2C/#12 A.W.G. UF RATED, TYPICAL) SHALL BE KEPT SEPARATE FROM THE CIRCUIT SERVING TRAFFIC SIGNAL. SERVICE WIRE AND WIRING FROM THE CONTROLLER TO MAIN BREAKER IS PROVIDED BY THE CONTRACTOR AS A PART OF THIS CONTRACT. WIRE AND WIRING FROM MAIN RESPONSIBILITY OF THE CITY/COUNTY.

METER LOOP:
ALL COMPONENTS OF THE SERVICE POINT WITH THE EXCEPTION OF THE WIRE AND WIRING ABOVE THE MAIN BREAKER IS FURNISHED AND INSTALLED BY THE CONTRACTOR. WIRING FROM MAIN BREAKER INCLUDING CONNECTION TO THE UTILITY, IS THE RESPONSIBILITY OF THE CITY/COUNTY. IF METER LOOP IS REQUIRED, METER BASE AND HARDWARE IS PROVIDED BY THE CITY/COUNTY AND ISTALLED BY THE CONTRACTOR.

SUPPLEMENT GROUND RODS:
SUPPLEMENT GROUND RODS ARE FUSION WELDED TO IC/#8 A.W.G. SOLID COPPER GROUND WIRE. ATTACHMENT TO PRIMARY GROUND MAY BE AN APPROVED CLAMP. GROUND RODS ARE LOCATED IN A BOX APPROVED BY THE ENGINEER MEETING THE SAME LOADING REQUIREMENTS AS SECTION 711 CONCRETE PULL BOX OF THE STANDARD SPECIFICATIONS, WITH THE EXCEPTION TO DIMENSIONS. THE CONCRETE PULL BOX MAY BE EITHER ROUND OR SQUARE APPROXIMATELY SIX (6") INCHES MINIMUM INSIDE DIMENSIONS AND SIX (6") INCHES DEPTH. (STRONGWELL PC0608BA06 WITH PC0608CA00 LID OR EQUAL).

DATE	REVISION	FILMED
11-07-19	REVISED NOTES	
11-16-17	REVISED NOTES	
09-12-13	ISSUED AS STANDARD DRAWING	
01-17-08	ISSUED	

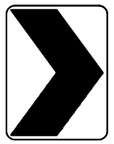
ARKANSAS STATE HIGHWAY COMMISSION

SERVICE POINT INSTALLATION WITH SUPPLEMENT GROUNDING ARRAY

STANDARD DRAWING SD-12

R1-1
30"X30"

W1-3
30"X30"
(LT. OR RT.)



W1-8
18"X24"

W2-5
30"X30"

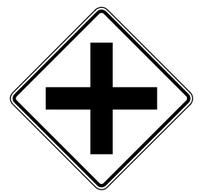
W3-1
36"X36"

W5-1
36"X36"

M6-3
21"X15"

R1-2
36"X36"X36"

W1-4
30"X30"
(LT. or RT.)



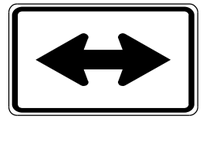
W2-1
30"X30"

S1-1
36"X36"

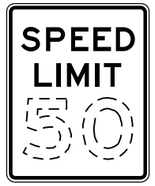
W3-2
36"X36"

County
Route Marker
M1-6
24"X24"

NOTE: REFLECTORIZED YELLOW LEGEND (COUNTY NAME, ROUTE LETTER & NUMBER) & BORDER ON A BLUE BACKGROUND.

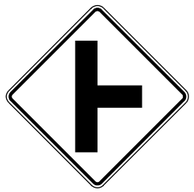


M6-4
21"X15"



R2-1
24"X30"

W1-5
30"X30"
(LT. or RT.)

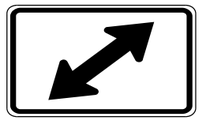


W2-2
30"X30"

W5-2
36"X36"

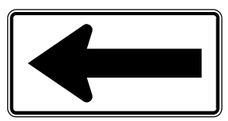
W8-3
36"X36"

R1-3P
18"X6"

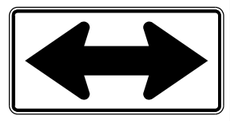


M6-5
21"X15"

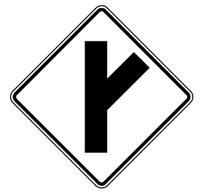
W1-1
30"X30"
(LT. or RT.)



W1-6
48"X24"



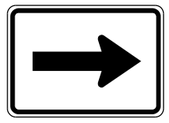
W1-7
48"X24"



W2-3
30"X30"
(LT. or RT.)

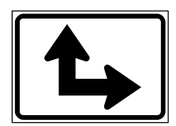
W5-3
36"X36"

W13-1P
18"X18"



M6-1
21"X15"

NOTE: ALL M6 SIGNS TO BE MADE WITH REFLECTORIZED YELLOW ARROW & BORDER WITH BLUE BACKGROUND.

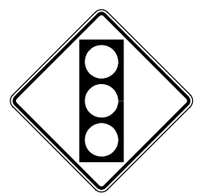


M6-6
21"X15"

W1-2
30"X30"
(LT. or RT.)

W2-4
30"X30"

W10-1
36" DIAMETER

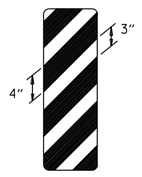


W3-3
36"X36"

M6-2
21"X15"

S4-3P
24"X8"

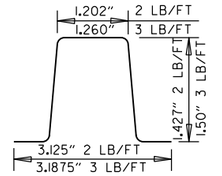
S4-2P
24"X10"



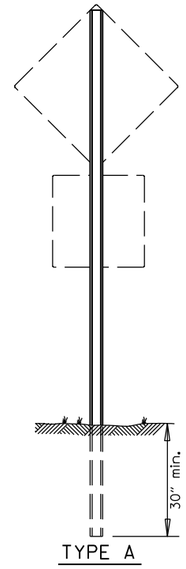
OM-3
12"X36"
(LT. or RT.)

MINIMUM DIMENSIONS SHOWN

SUPPORT SECTION

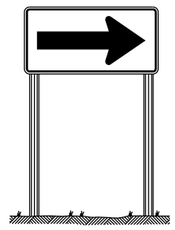


(U-CHANNEL)
STANDARD SUPPORT
ASSEMBLIES

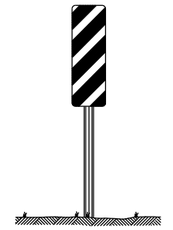


TYPE A

NOTE: LENGTH OF SIGN POSTS SHALL BE DETERMINED SO AS TO PROVIDE FOR MINIMUM VERTICAL CLEARANCES AS CALLED FOR IN THE SPECIFICATIONS PLUS A MINIMUM VERTICAL PENETRATION OF 30" IN THE SOIL.



TYPE B



TYPE C

MINIMUM WEIGHT

TYPE A & B = 3 LBS./FT.
TYPE C = 2 LBS./FT.

STANDARD HIGHWAY SIGNS

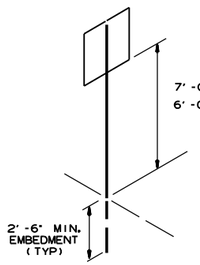
DATE	REVISION	DATE FILMED
9-12-13	DELETED JOB NO. BLOCK; REVISED RI-3 TO RI-3P	
4-17-08	REVISED SIGN DESIGNATION - W3-1 & W3-2	
4-10-03	REVISED W5-2, W8-3, OM-3; ADDED WI-8	
1-5-81	REDRAWN	960-1-15-81
9-15-78	ADDED WI4-3	877-9-15-78
9-2-76	POST WT.	623-9-3-76
5-3-76	STEEL POST WT. FROM 2#-3#; ADDED S4-2 & S4-3	504-5-3-76
8-12-74	REV. HT. TYPE "C" ASSEMBLY	500-8-21-74
12-21-72	ADDED M6-2,3,4,5,6	500-12-21-72
12-1-72	ISSUED	562-12-1-72

SUPPORT ASSEMBLIES

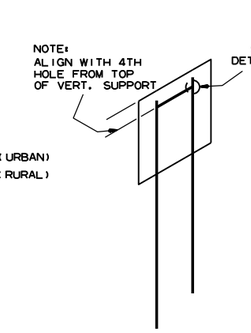
ARKANSAS STATE HIGHWAY COMMISSION

STANDARD HIGHWAY SIGNS AND SUPPORT ASSEMBLIES

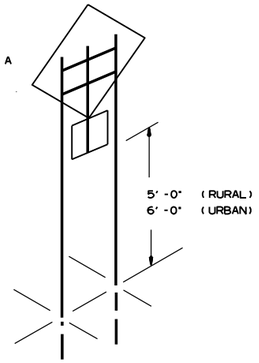
STANDARD DRAWING SHS-1



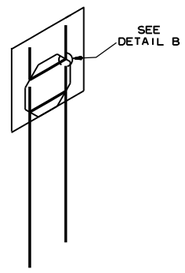
U-1



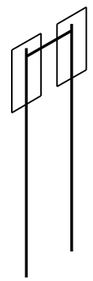
U-2



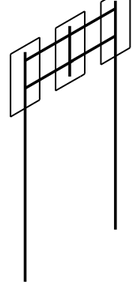
U-2 (A)



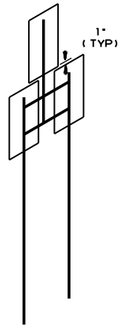
U-2 (B)



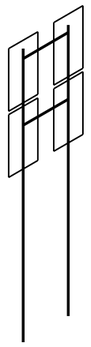
U-2 (1)



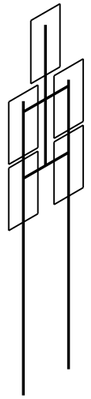
U-2 (2)



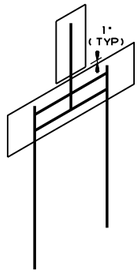
U-2 (3)



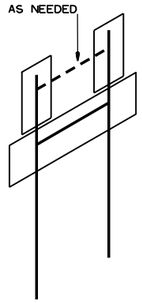
U-2 (4)



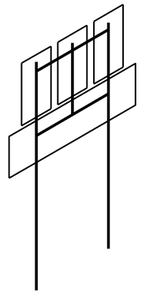
U-2 (5)



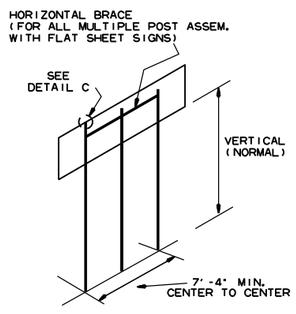
U-2 (6)



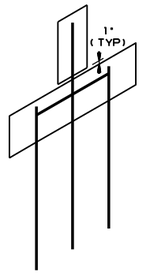
U-2 (7)



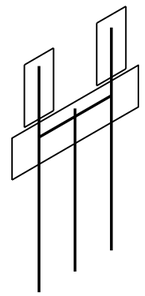
U-2 (8)



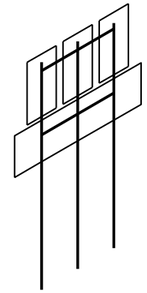
U-3



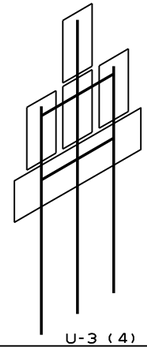
U-3 (1)



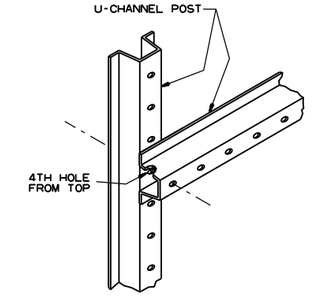
U-3 (2)



U-3 (3)

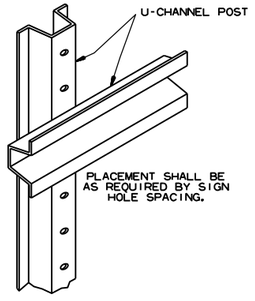


U-3 (4)



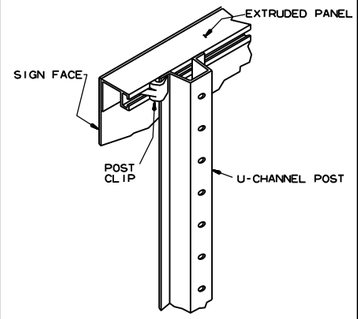
DETAIL A

SHOWING HORIZONTAL BRACE



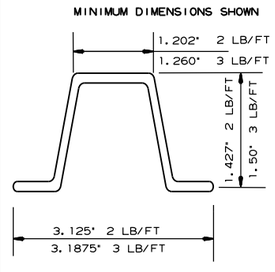
DETAIL B

SHOWING BACK-TO-BACK INSTALLATION



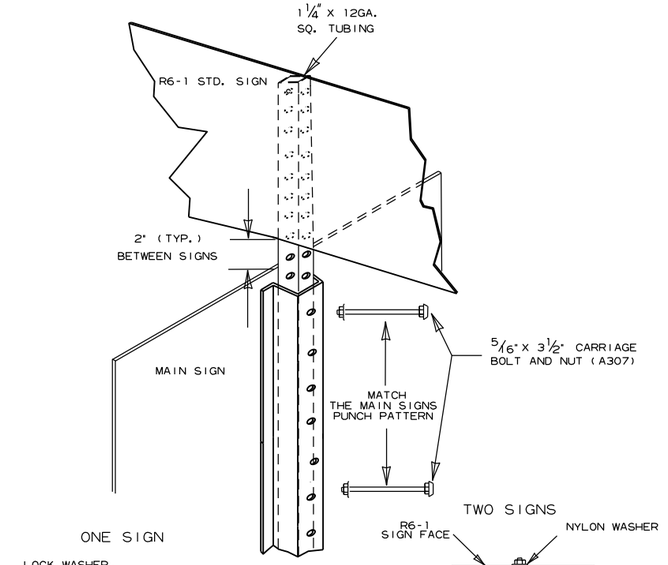
DETAIL C

SHOWING GUIDE SIGN MOUNTING WITH EXTRUDED PANELS



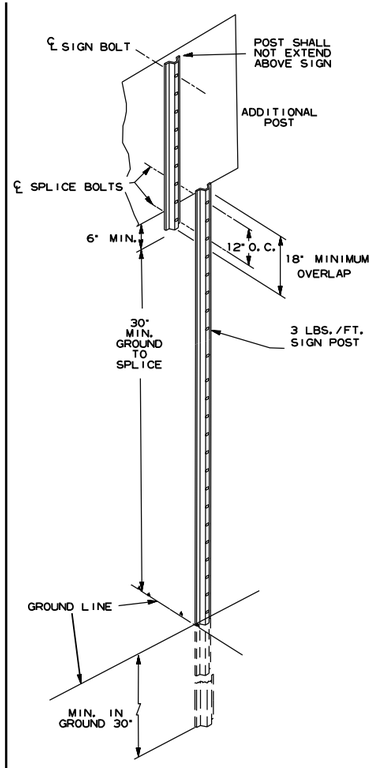
DETAIL C

U-CHANNEL POST



DETAIL E

R6-1 EXTENSION FOR U-CHANNEL POST



DETAIL F

DETAIL OF SPLICES

NOTES:

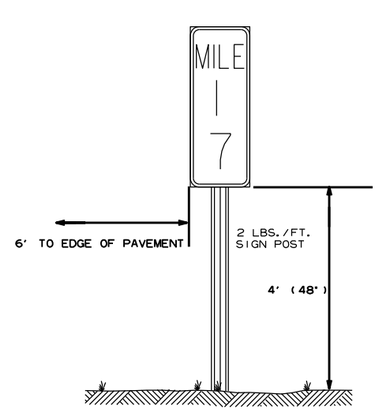
SIGNS AT LEAST 8' IN LENGTH MAY BE INSTALLED ON THREE 3 LB. POST. IN NO CASE SHALL THERE BE MORE THAN TWO 3 LB. POSTS WITHIN A 7' PATH.

SPLICES NECESSARY TO ATTAIN PROPER MOUNTING HEIGHT SHALL BE AS SHOWN IN DETAIL (F).

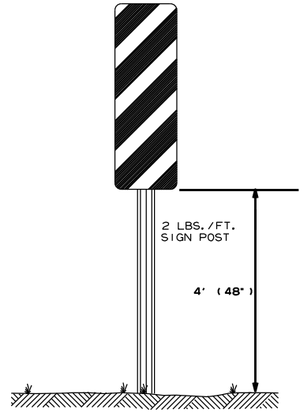
NORMAL INSTALLATIONS WILL REQUIRE 5/16" DIA. CARRIAGE BOLTS TO MOUNT SIGNS TO POST AND TO ASSEMBLE THE VARIOUS POST SUPPORTS.

ALL SIGN POSTS SHALL BE PLUMB.

THE POST FOR "TYPE U" SUPPORTS SHALL BE HOT DIP GALVANIZED.



TYPICAL MILE MARKER INSTALLATION



TYPICAL OM-3 INSTALLATION AT EDGE OF OBSTRUCTION

DATE	REVISION	FILMED
7-25-19	REVISED CARRIAGE BOLT WITH MATERIAL REQUIREMENT	
2-27-14	REVISED NOTES.	
9-12-13	REVISED U-2(3), U-2(6), U-3(1), DETAIL D; ADDED DETAILS E & F; ADDED TYPICAL MARKERS	
10-9-03	REMOVED ROUND POST & REVISED SPACING	
10-12-95	MOVED UPPER SPLICE	
6-8-95	REVISED SPLICE DETAIL	6-8-95
2-2-95	REDRAWN	2-2-95

ARKANSAS STATE HIGHWAY COMMISSION

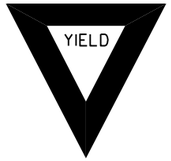
U-CHANNEL POST ASSEMBLIES

STANDARD DRAWING SHS-2

R1-1

STANDARD 30"X30"
EXPRESSWAY 36"X36"
SPECIAL 48"X48"

R1-2



STD. 36"X36"X36"
EXPWY. 48"X48"X48"
FWY. 60"X60"X60"

R2-1

STD. 24"X30"
EXPWY. 36"X48"
FWY. 48"X60"

W3-5

STD. 36"X36"
EXPWY. 48"X48"
FWY. 48"X48"

W3-5a

STD. 36"X36"
EXPWY. 48"X48"
FWY. 48"X48"

R4-1

STD. 24"X30"
EXPWY. 36"X48"
FWY. 48"X60"

R4-2

STD. 24"X30"
EXPWY. 36"X48"
FWY. 48"X60"

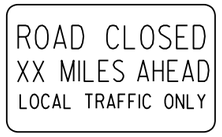
R5-1

STD. 30"X30"
EXPWY. 36"X36"
SPECIAL 48"X48"

RII-2

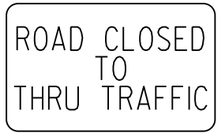
48"X30"

RII-3A



60"X30"

RII-4



60"X30"

W21-5a

STD. 36"X36"
FWY. 48"X48"

WI-1

STD. 36"X36"
FWY. 48"X48"

WI-2

STD. 36"X36"
FWY. 48"X48"

WI-3

STD. 48"X48"

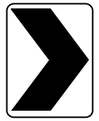
WI-4

STD. 48"X48"

WI-6

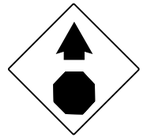
STD. 48"X24"
SPECIAL 60"X30"

WI-8



STD. 18"X24"
SPECIAL 24"X30"
EXPWY. 30"X36"
FWY. 36"X48"

W3-1

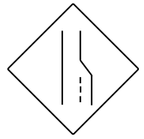


STD. 36"X36"
SPECIAL 48"X48"

W3-2

STD. 36"X36"
SPECIAL 48"X48"

W4-2



STD. 36"X36"
FWY. 48"X48"

W5-1

STD. 36"X36"
SPECIAL 48"X48"

W6-3

EXPWY. 36"X36"
SPECIAL 48"X48"

W8-7

EXPWY. 36"X36"
FWY. 48"X48"

W9-2

STD. 36"X36"
FWY. 48"X48"

WI3-1

STD. 24"X24"

W20-1

STD. 48"X48"

W20-2

STD. 48"X48"

W20-3

STD. 48"X48"

W20-4

STD. 48"X48"

W20-5

STD. 48"X48"

W20-7a

STD. 36"X36"
FWY. 48"X48"

W21-2

STD. 30"X30"
SPECIAL 36"X36"

W21-5

STD. 30"X30"
SPECIAL 36"X36"

W24-1

STD. 36"X36"

WI-4b

STD. 48"X48"

R56-1

STD. 18"X18"

W8-11

STD. 36"X36"
FWY. 48"X48"

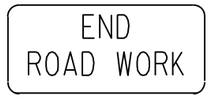
W8-9

STD. 36"X36"
FWY. 48"X48"

G20-1

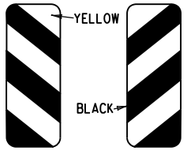
60"X24"

G20-2



48"X24"

OM-3L OM-3R



12"X36"

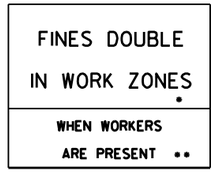
M4-9

STD. 30"X24"
SPECIAL 48"X36"
SPECIAL 60"X48"

M4-10

48"X18"

R55-1



36"X60"

• USE 6" C LETTERS
•• USE 4" D LETTERS

ADVANCE DISTANCES
(XXXX)

500 FT	½ MILE
1000 FT	¾ MILE
1500 FT	1 MILE
	AHEAD

GENERAL NOTES:

1. ALL TRAFFIC CONTROL DEVICES USED ON ROAD CONSTRUCTION SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION, AND TO THE STANDARD HIGHWAY SIGNS, LATEST EDITION, OR AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION.
2. TRAFFIC CONTROL DEVICES SHALL BE SET UP JUST BEFORE THE START OF CONSTRUCTION OPERATIONS AND SHALL BE PROPERLY MAINTAINED DURING THE TIME SUCH CONDITIONS EXIST. THEY SHALL REMAIN IN PLACE ONLY AS LONG AS NEEDED AND REMOVED THEREAFTER.
3. EXISTING SIGNS AND CONSTRUCTION SIGNS SHALL BE KEPT IN PROPER POSITION, AND BE CLEAN AND LEGIBLE AT ALL TIMES. SIGNS THAT DO NOT APPLY TO EXISTING CONDITIONS SHALL BE REMOVED. SIGNS THAT ARE DAMAGED, DEFACED, OR THAT ACCUMULATE DIRT DURING CONSTRUCTION SHALL BE CLEANED, REPAIRED, OR REPLACED.
- 4. SIGNS ARE USUALLY MOUNTED ON A SINGLE POST, ALTHOUGH THOSE WIDER THAN 36" OR LARGER THAN 10 SQ. FT. SHALL BE MOUNTED ON TWO POSTS OR ABOVE A TYPE III BARRICADE.
- 5. SIGN POSTS DIRECT BURIED IN SOIL SHALL BE 2 LB. MINIMUM CHANNEL POST OR 4"x4" WOOD POSTS. CHANNEL POSTS SHALL BE PAINTED GREEN. WOOD POSTS SHALL BE PAINTED WHITE. ALL POSTS SHALL BE NEATLY CONSTRUCTED, AND SHALL BE REPLUMBED, CLEANED, OR REPAIRED AS NEEDED FOR THE DURATION OF THE JOB. THERE SHALL NOT BE MORE THAN 2 POSTS IN A 7' PATH FOR WOOD OR CHANNEL POSTS. ANY CHANNEL POST SPLICE SHALL BE IN ACCORDANCE WITH STANDARD DRAWING TC-3.
6. POST MOUNTED SIGNS IN RURAL AREAS SHALL BE CONSTRUCTED WITH THE NEAR EDGE OF THE SIGN FROM 6 TO 12 FEET FROM THE PAVEMENT EDGE. SIGNS IN URBAN AREAS AND BARRICADE MOUNTED SIGNS SHALL BE MOUNTED A MINIMUM OF 2 FEET FROM THE PAVEMENT EDGE.
7. ALL POST AND BARRICADE MOUNTED SIGNS MOUNTED IN URBAN AREAS SHALL BE MOUNTED A MINIMUM DISTANCE OF 7' FROM THE BOTTOM OF THE SIGN TO THE ROADWAY SURFACE. ALL POST AND BARRICADE MOUNTED SIGNS MOUNTED IN RURAL AREAS SHALL BE MOUNTED A MINIMUM DISTANCE OF 7' FROM THE BOTTOM OF THE SIGN TO THE ROADWAY SURFACE, EXCEPT A MINIMUM OF 6' SHALL BE USED WHEN MOUNTING AN ADVISORY SIGN BELOW A WARNING SIGN. TEMPORARY SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS FOR INTERMEDIATE TERM STATIONARY WORK CONDITIONS. THE SIGNS MINIMUM MOUNTING HEIGHT SHALL BE 5'. RETROREFLECTIVE DEVICES SHALL BE USED. TEMPORARY SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS FOR SHORT-TERM, SHORT DURATION, AND MOBILE CONDITIONS. THEY SHALL BE NO LESS THAN ONE (1) FOOT ABOVE THE TRAVELED WAY. LONG-TERM STATIONARY SIGNS SHALL BE DIRECT BURIED IN SOIL, UNLESS CONDITIONS NECESSITATE THE USE OF PORTABLE SIGNS, OR AS APPROVED BY THE ENGINEER. CONCRETE PADS, CONCRETE OR ROCK BALLAST, OR OTHER SOLID MATERIALS SHALL NOT BE UTILIZED WITH PORTABLE SIGN SUPPORTS.
8. FLAGGERS SHALL USE REFLECTORIZED STOP-SLOW PADDLES. FLAGS MAY BE USED ONLY FOR EMERGENCY SITUATIONS.
9. MOST OF THE SIGNS SHOWN ARE ORIENTED TO THE RIGHT. HOWEVER, THIS DOES NOT PRECLUDE THE USE OF MIRROR IMAGES OF THESE SIGNS WHERE THE REVERSE ORIENTATION MIGHT BETTER CONVEY TO MOTORISTS THE PROPER DIRECTION OF MOVEMENT.
10. R55-1 SIGNS SHALL BE PLACED AT LEAST 1500' BUT NOT MORE THAN 1 MILE IN ADVANCE OF THE WORK ZONE. IF A SPEED LIMIT REDUCTION IS IN EFFECT, THE SIGN SHALL BE PLACED A MINIMUM OF 500' IN ADVANCE OF THE "REDUCED SPEED AHEAD" SIGN.

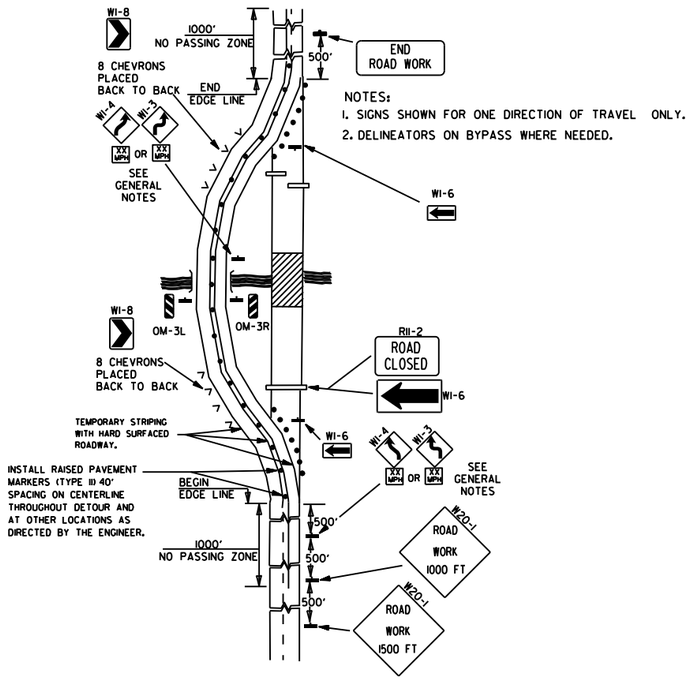
- NOTE: SUPPORTS FOR SIGNS, BARRICADES, AND VERTICAL PANELS THAT ARE DIFFERENT FROM THE REQUIREMENTS SHOWN IN NOTES 4 & 5, BUT MEET THE REQUIREMENTS OF MANUAL FOR ASSESSING SAFETY HARDWARE (MASH), WILL BE ACCEPTED. COMPLIANCE WITH THE REQUIREMENTS OF MANUAL FOR ASSESSING SAFETY HARDWARE (MASH) IS REQUIRED FOR ALL PROJECTS.

DATE	REVISION	FILMED
11-07-19	REVISED FOR MASH	
4-13-17	DELETED RSP-1 & ADDED W21-5a	
9-2-15	REVISED REDUCED SPEED LIMIT AHEAD SIGNS REVISED ROAD WORK NEXT XX MILES	
12-15-11	REVISED W24-1	
11-17-10	DELETED W8-9a & ADDED W8-9	
10-15-09	ADDED REFERENCE TO MASH & ADDED SIGN W24-1	
4-17-08	REVISED SIGN DESIGNATIONS	
11-18-04	REVISED NOTES	
10-9-03	REVISED NOTE 1	
11-16-01	REVISED NOTE 7	
9-28-00	REVISED NOTE	
11-18-98	ADDED NOTE	
6-26-97	REVISED NOTE 5	
4-03-97	REVISED NOTE 5	
10-18-96	ADDED CONTROLLED ACCESS HWY. SIGN & TO NOTE 7	
10-12-95	ADDED R55-1	
6-8-95	REVISED TO CORRECT SIGN ILLUSTRATIONS	6-8-95
2-2-95	REVISED PER PART VI, MUTCD SEPT. 3, 1993	
8-15-91	DRAWN AND PLACED IN USE	

ARKANSAS STATE HIGHWAY COMMISSION

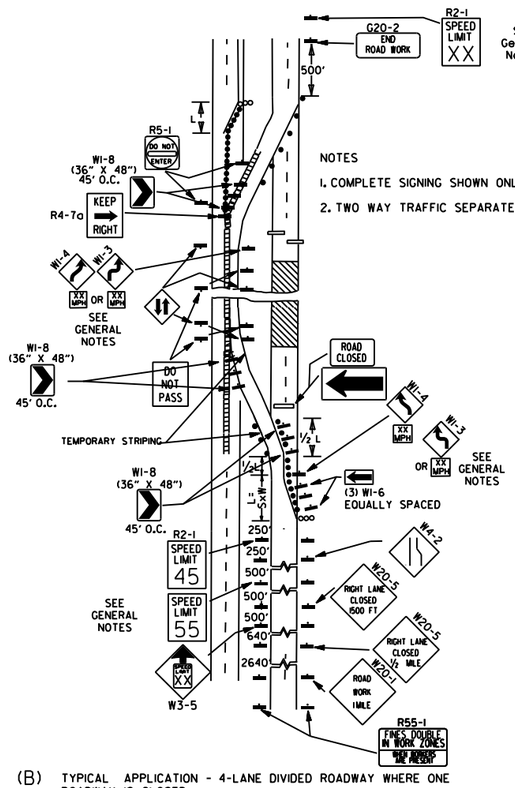
STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION

STANDARD DRAWING TC-1



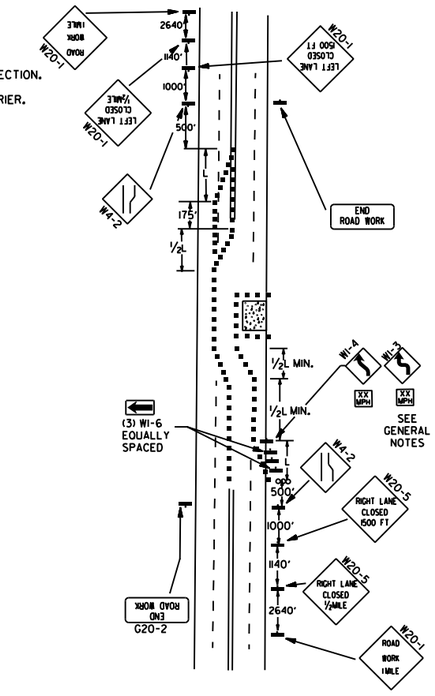
NOTES:
1. SIGNS SHOWN FOR ONE DIRECTION OF TRAVEL ONLY.
2. DELINEATORS ON BYPASS WHERE NEEDED.

(A) TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES ON A 2-LANE HIGHWAY WHERE THE ENTIRE ROADWAY IS CLOSED AND A BYPASS DETOUR IS PROVIDED.

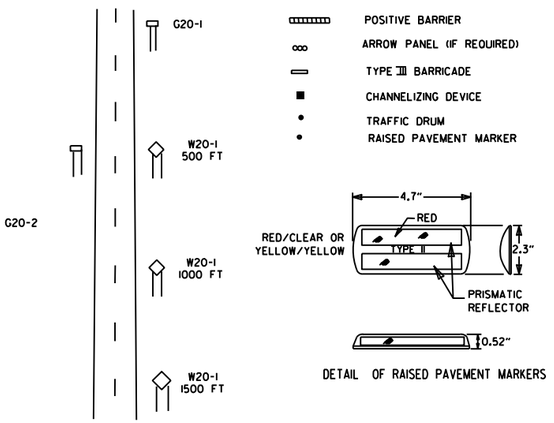


NOTES
1. COMPLETE SIGNING SHOWN ONLY IN CROSSOVER DIRECTION.
2. TWO WAY TRAFFIC SEPARATED WITH POSITIVE BARRIER.

(B) TYPICAL APPLICATION - 4-LANE DIVIDED ROADWAY WHERE ONE ROADWAY IS CLOSED.



(C) TYPICAL APPLICATION - 4-LANE UNDIVIDED ROADWAY WHERE HALF OF THE ROADWAY IS CLOSED.



DETAIL OF RAISED PAVEMENT MARKERS

TYPICAL ADVANCE WARNING SIGN PLACEMENT

TAPER FORMULAE:

L=SXW FOR SPEEDS OF 45MPH OR MORE.

$L=\frac{WS^2}{60}$ FOR SPEEDS OF 40MPH OR LESS.

WHERE:

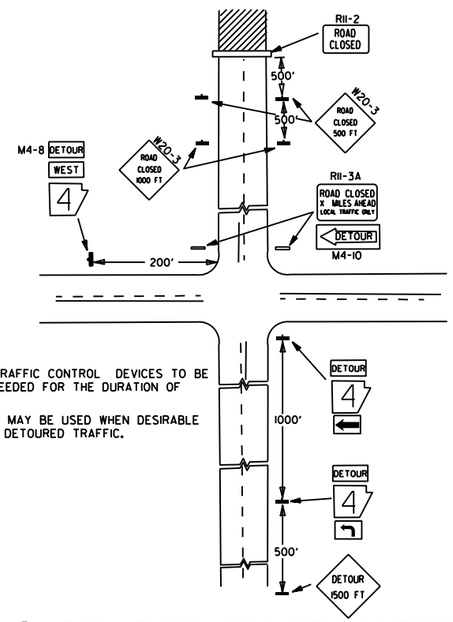
L= MINIMUM LENGTH OF TAPER.

S= NUMERICAL VALUE OF POSTED SPEED LIMIT PRIOR TO WORK OR 85TH PERCENTILE SPEED.

W= WIDTH OF OFFSET.

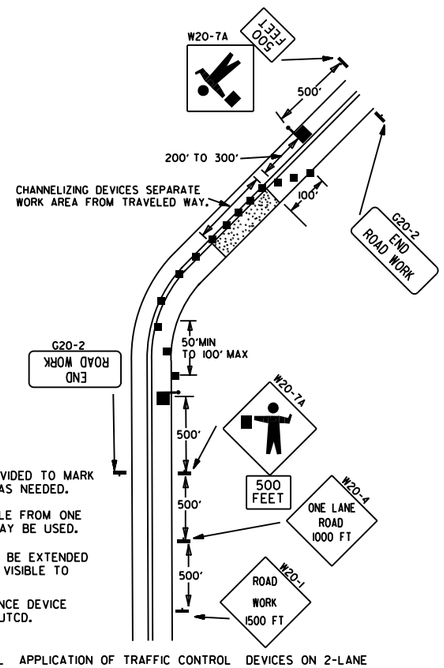
GENERAL NOTES:

1. THE MAINTENANCE DIVISION SHALL CONDUCT A BALL BANK STUDY TO DETERMINE THE ADVISORY SPEED LIMIT PRIOR TO OPENING TO TRAFFIC. THE ADVISORY SPEED WILL BE POSTED ON WI-3 OR WI-4 CURVE WARNING SIGNS. USE WI-4 WHEN SPEED IS GREATER THAN 30MPH AND WI-3 WHEN 30MPH OR LESS
2. WHEN THE EXISTING SPEED LIMIT IS 55MPH AND THE PLANS REQUIRE A SPEED LIMIT OF 45MPH, THE R2-1(55) SHALL BE OMITTED AND THE W3-5 SHALL BE INSTALLED AT THAT LOCATION. ADDITIONAL R2-1 45MPH SPEED LIMIT SIGNS SHALL BE INSTALLED AT A MAXIMUM OF 1MILE INTERVALS. AT THE END OF THE WORK AREA A R2-1(XX) SHALL BE INSTALLED TO MATCH ORIGINAL SPEED LIMIT.
3. WHEN THE EXISTING SPEED LIMIT IS 65MPH AND THE PLANS REQUIRE A SPEED LIMIT OF 55MPH, THE R2-1(45) SHALL BE OMITTED. ADDITIONAL R2-1 55MPH SPEED LIMIT SIGNS SHALL BE INSTALLED AT A MAXIMUM OF 1MILE INTERVALS. AT THE END OF THE WORK AREA A R2-1(XX) SHALL BE INSTALLED TO MATCH ORIGINAL SPEED LIMIT.
4. THE MAXIMUM SPACING BETWEEN CHANNELIZING DEVICES IN A TAPER SHOULD BE APPROXIMATELY EQUAL IN FEET TO THE SPEED LIMIT. BEYOND THE TAPER, MAXIMUM SPACING SHALL BE TWO TIMES THE SPEED LIMIT, OR AS DIRECTED BY THE ENGINEER.
5. WARNING LIGHTS AND/OR FLAGS MAY BE MOUNTED TO SIGNS OR CHANNELIZING DEVICES AT NIGHT AS NEEDED.
6. PAVEMENT MARKINGS NO LONGER APPLICABLE WHICH MIGHT CREATE CONFUSION IN THE MINDS OF VEHICLE OPERATORS SHALL BE REMOVED OR OBLITERATED AS SOON AS PRACTICABLE.
7. TRAILER MOUNTED DEVICES SUCH AS ARROW PANELS AND PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE DELINEATED BY AFFIXING CONSPICUITY MATERIAL IN A CONTINUOUS LINE ON THE FACE OF THE TRAILER. WHEN PLACED ON OR ADJACENT TO THE SHOULDER AND NOT BEHIND A POSITIVE BARRIER, THESE DEVICES SHALL BE DELINEATED BY PLACING FIVE (5) TRAFFIC DRUMS, EQUALLY SPACED ALONG THE TRAFFIC SIDE OF THE DEVICE. PAYMENT FOR TRAFFIC DRUMS SHALL BE CONSIDERED INCLUDED IN THE PRICE BID FOR VARIOUS TRAILER MOUNTED DEVICES.
8. DIMENSIONS SHOWN FOR RAISED PAVEMENT MARKERS ARE TYPICAL. THE CONTRACTOR MAY SUBSTITUTE SIMILAR MARKERS WITH THE APPROVAL OF THE ENGINEER. REQUESTING APPROVAL FOR SIMILAR MARKERS MAY BE MADE BY REFERRING TO THE ARDOT QUALIFIED PRODUCTS LIST.
9. ALL TRAILER MOUNTED DEVICES SUCH AS ARROW PANELS AND PORTABLE CHANGEABLE MESSAGE SIGNS SHALL MEET THE REQUIREMENTS OF THE MANUAL FOR ASSESSING SAFETY HARDWARE (MASH).



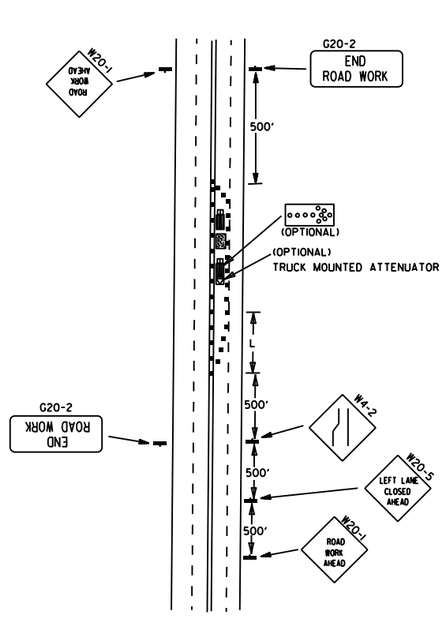
NOTES:
1. REGULATORY TRAFFIC CONTROL DEVICES TO BE MODIFIED AS NEEDED FOR THE DURATION OF THE DETOUR.
2. STREET NAMES MAY BE USED WHEN DESIRABLE FOR DIRECTING DETOURED TRAFFIC.

(D) TYPICAL APPLICATION - ROADWAY CLOSED BEYOND DETOUR POINT.



NOTES:
1. FLOOD LIGHTS SHOULD BE PROVIDED TO MARK FLAGGER STATIONS AT NIGHT AS NEEDED.
2. IF ENTIRE WORK AREA IS VISIBLE FROM ONE STATION, A SINGLE FLAGGER MAY BE USED.
3. CHANNELIZING DEVICES ARE TO BE EXTENDED TO A POINT WHERE THEY ARE VISIBLE TO APPROACHING TRAFFIC.
4. AUTOMATED FLAGGER ASSISTANCE DEVICE (AFAD) OPTIONAL. REFER TO MUTCD.

(E) TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES ON 2-LANE HIGHWAY WHERE ONE LANE IS CLOSED AND FLAGGING IS PROVIDED.



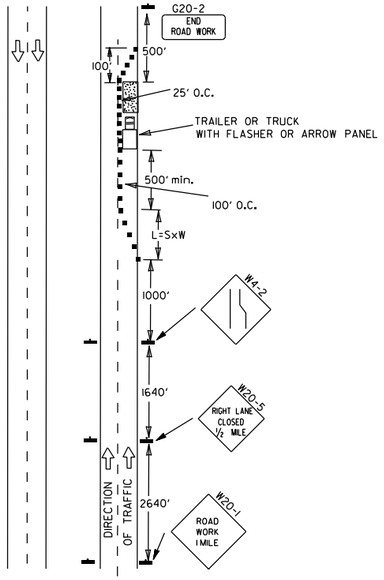
(F) TYPICAL APPLICATION - 4-LANE UNDIVIDED ROADWAY WITH INSIDE LANE CLOSED.

DATE	REVISION	FILMED
05-20-21	REVISED NOTE 7	
11-07-19	REVISED NOTE 1, ADDED NOTE 9	
9-2-15	REVISED NOTE 2, ADDED NOTE 8, REVISED DRAWING (A) & REPLACED R2-5A WITH W3-5	
9-12-13	REVISED DETAIL OF RAISED PAVEMENT MARKERS	
3-11-10	ADDED (AFAD)	
11-20-08	REVISED SIGN DESIGNATIONS	
11-18-04	ADDED GENERAL NOTE	
10-18-96	ADDED R55-1	
4-26-96	CORRECTED (c) BEHIND G20-2	
6-8-95	CORRECTED SIGN IDENT. ON WI-4A	6-8-95
2-2-95	REVISED PER PART VI, MUTCD, SEPT. 3, 1993	
8-15-91	DRAWN AND PLACED IN USE	

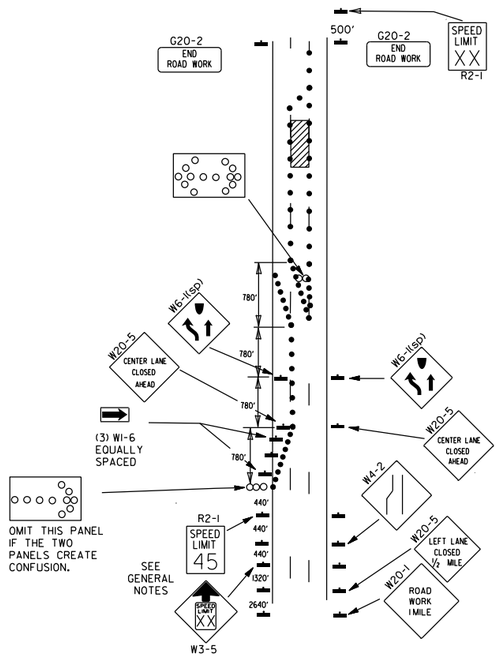
ARKANSAS STATE HIGHWAY COMMISSION

STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION

STANDARD DRAWING TC-2



(A) TYPICAL APPLICATION - DAYTIME MAINTENANCE OPERATIONS OF SHORT DURATION ON A 4-LANE DIVIDED ROADWAY WHERE HALF OF THE ROADWAY IS CLOSED.



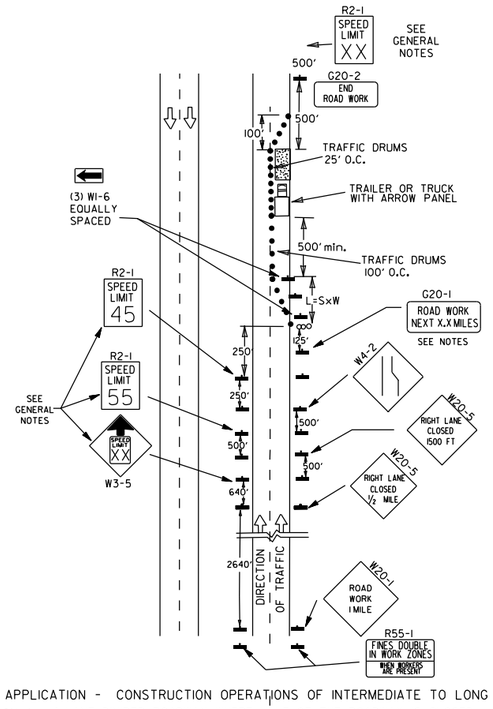
(B) TYPICAL APPLICATION - 3-LANE ONEWAY ROADWAY WHERE CENTER LANE IS CLOSED.

KEY:

- ARROW PANEL (IF REQUIRED)
- ■ CHANNELIZING DEVICE
- ● TRAFFIC DRUM

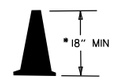
GENERAL NOTES:

1. A SPEED LIMIT REDUCTION MAY BE IMPLEMENTED ONLY WHEN DESIGNATED IN THE PLAN OR WHEN RECOMMENDED BY THE ROADWAY DESIGN DIVISION.
2. WHEN THE EXISTING SPEED LIMIT IS 55MPH AND THE PLANS REQUIRE A SPEED LIMIT OF 45MPH, THE R2-1(55) SHALL BE OMITTED AND THE W3-5 SHALL BE INSTALLED AT THAT LOCATION. ADDITIONAL R2-1 45MPH SPEED LIMIT SIGNS SHALL BE INSTALLED AT A MAXIMUM OF 1MILE INTERVALS. AT THE END OF THE WORK AREA A R2-1(XX) SHALL BE INSTALLED TO MATCH ORIGINAL SPEED LIMIT.
3. WHEN THE EXISTING SPEED LIMIT IS 65MPH AND THE PLANS REQUIRE A SPEED LIMIT OF 55MPH, THE R2-1(45) SHALL BE OMITTED. ADDITIONAL R2-1 55MPH SPEED LIMIT SIGNS SHALL BE INSTALLED AT A MAXIMUM OF 1MILE INTERVALS, AT THE END OF THE WORK AREA A R2-1(XX) SHALL BE INSTALLED TO MATCH ORIGINAL SPEED LIMIT.
4. THE MAXIMUM SPACING BETWEEN CHANNELIZING DEVICES IN A TAPER SHOULD BE APPROXIMATELY EQUAL IN FEET TO THE SPEED LIMIT. BEYOND THE TAPER, MAXIMUM SPACING SHALL BE TWO TIMES THE SPEED LIMIT OR AS DIRECTED BY THE ENGINEER.
5. WARNING LIGHTS AND/OR FLAGS MAY BE MOUNTED TO SIGNS OR CHANNELIZING DEVICES AT NIGHT AS NEEDED.
6. PAVEMENT MARKINGS NO LONGER APPLICABLE WHICH MIGHT CREATE CONFUSION IN THE MINDS OF VEHICLE OPERATORS SHALL BE REMOVED OR OBLITERATED AS SOON AS PRACTICABLE.
7. THE G20-1 SIGN WILL BE REQUIRED ON JOBS OF OVER TWO MILES IN LENGTH. WHEN THE LANE CLOSURE IS NOT AT THE BEGINNING OF THE PROJECT, THE G20-1 SIGN SHALL BE ERECTED 125' IN ADVANCE OF THE JOB LIMIT. ADDITIONAL W20-1(1MILE) SIGNS ARE NOT REQUIRED IN ADVANCE OF LANE CLOSURES THAT BEGIN INSIDE THE PROJECT LIMITS.
8. FLAGGERS SHALL USE STOP/SLOW PADDLES FOR CONTROLLING TRAFFIC THROUGH WORK ZONES. FLAGS MAY BE USED ONLY FOR EMERGENCY SITUATIONS.
9. ALL PLASTIC DRUMS AND CONES SHALL MEET THE REQUIREMENTS OF MANUAL FOR ASSESSING SAFETY HARDWARE (MASH).
10. TRAILER MOUNTED DEVICES SUCH AS ARROW PANELS AND PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE DELINEATED BY AFFIXING CONSPICUITY MATERIAL IN A CONTINUOUS LINE ON THE FACE OF THE TRAILER. WHEN PLACED ON OR ADJACENT TO THE SHOULDER AND NOT BEHIND A POSITIVE BARRIER, THESE DEVICES SHALL BE DELINEATED BY PLACING FIVE (5) TRAFFIC DRUMS, EQUALLY SPACED ALONG THE TRAFFIC SIDE OF THE DEVICE. PAYMENT FOR TRAFFIC DRUMS SHALL BE CONSIDERED INCLUDED IN THE PRICE BID FOR VARIOUS TRAILER MOUNTED DEVICES.
11. ALL TRAILER MOUNTED DEVICES SUCH AS ARROW PANELS AND PORTABLE CHANGEABLE MESSAGE SIGNS SHALL MEET THE REQUIREMENTS OF THE MANUAL FOR ASSESSING SAFETY HARDWARE (MASH).



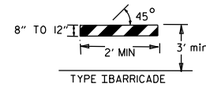
(C) TYPICAL APPLICATION - CONSTRUCTION OPERATIONS OF INTERMEDIATE TO LONG TERM DURATION ON A 4-LANE DIVIDED ROADWAY WHERE HALF OF THE ROADWAY IS CLOSED.

CHANNELIZING DEVICES



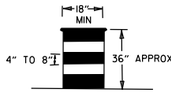
* WHEN CONES ARE USED ON FREEWAYS AND MULTI-LANE HIGHWAYS, THEY SHALL BE 28" MIN. DURING HOURS OF DARKNESS. 28" CONES SHALL BE USED ON ALL ROADWAYS, AND SHALL BE REFLECTORIZED IN ACCORDANCE WITH THE M.U.T.C.D.

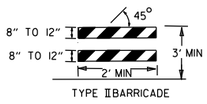
CONES



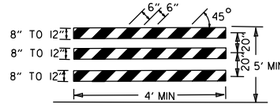
TYPE IBARRICADE

PLASTIC DRUM



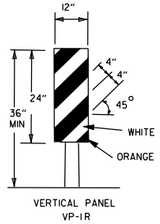


TYPE IIBARRICADE



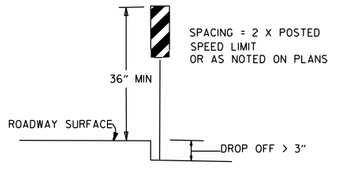
TYPE IIIBARRICADE

NOTE:
FOR ALL ROAD CLOSURES, THE TYPE III BARRICADES SHALL BE OF SUFFICIENT LENGTH TO EXTEND ACROSS ENTIRE ROADWAY.

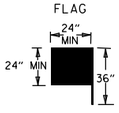


VERTICAL PANEL
VP-1R

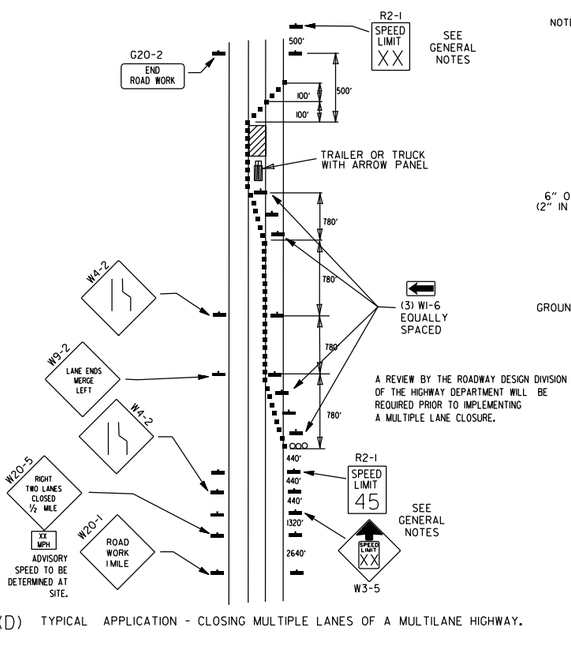
VERTICAL PANEL PLACEMENT



FLAG



FLAG SHALL BE OF GOOD GRADE RED MATERIAL



(D) TYPICAL APPLICATION - CLOSING MULTIPLE LANES OF A MULTILANE HIGHWAY.

A REVIEW BY THE ROADWAY DESIGN DIVISION OF THE HIGHWAY DEPARTMENT WILL BE REQUIRED PRIOR TO IMPLEMENTING A MULTIPLE LANE CLOSURE.

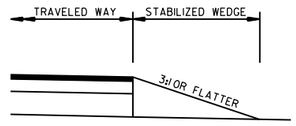
TRAFFIC CONTROL DEVICES			
NON-INTERSTATE			
VERTICAL DIFFERENTIAL	LOCATION	TRAFFIC CONTROL	
		≤ 45 MPH	> 45 MPH
≤ 1"	CENTERLINE	W8-11	W8-11
> 1" ≤ 3"	CENTERLINE	W8-11 AND CENTERLINE LANE STRIPING	W8-11 AND CENTERLINE LANE STRIPING
> 3"	CENTERLINE	STANDARD LANE CLOSURE[6]	STANDARD LANE CLOSURE[6]
≤ 3"	EDGE OF TRAVELED LANE OR EDGE OF SHOULDER	W8-9 AND TRAFFIC DRUMS[1]	W8-9 AND TRAFFIC DRUMS[1]
> 3" ≤ 6"	EDGE OF TRAVELED LANE OR EDGE OF SHOULDER	W8-17, EDGE LINE STRIPING, AND TRAFFIC DRUMS[1]	W8-17, EDGE LINE STRIPING, AND TRAFFIC DRUMS[1]
> 6" ≤ 18"	EDGE OF TRAVELED LANE OR EDGE OF SHOULDER	W8-17, EDGE LINE STRIPING, AND TRAFFIC DRUMS[1]	W8-17, EDGE LINE STRIPING, AND TRAFFIC DRUMS[2]
> 18" ≤ 24"	EDGE OF TRAVELED LANE OR EDGE OF SHOULDER	W8-17, EDGE LINE STRIPING, AND TRAFFIC DRUMS[1]	A STABILIZED WEDGE, W8-17, EDGE LINE STRIPING AND TRAFFIC DRUMS[3]
> 24"	EDGE OF TRAVELED LANE OR EDGE OF SHOULDER	PRECAST CONCRETE BARRIER[4] & EDGE LINES	PRECAST CONCRETE BARRIER[4] & EDGE LINES

INTERSTATE		
VERTICAL DIFFERENTIAL	LOCATION	TRAFFIC CONTROL
≤ 3"	CENTERLINE	W8-11 AND LANE STRIPING
≤ 3"	EDGE OF TRAVELED LANE OR EDGE OF SHOULDER	W8-9, EDGE LINE STRIPING, AND TRAFFIC DRUMS[2]
> 3" ≤ 6"	EDGE OF TRAVELED LANE OR EDGE OF SHOULDER	W8-17, EDGE LINE STRIPING, AND TRAFFIC DRUMS[2]
> 6"	EDGE OF TRAVELED LANE OR EDGE OF SHOULDER	PRECAST CONCRETE BARRIER & EDGE LINES

INTERSTATE AND NON-INTERSTATE		
FORESLOPE	HEIGHT	TRAFFIC CONTROL
1:1	> 2 FT	PRECAST CONCRETE BARRIER
2:1	≤ 5 FT	TRAFFIC DRUMS
2:1	> 5 FT	PRECAST CONCRETE BARRIER
Flatter than 2:1	N/A	TRAFFIC DRUMS

GENERAL NOTES:

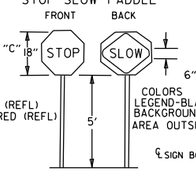
1. WHEN THE SHOULDER AREA IS USED AS PART OF THE TRAVELED LANE AND THERE IS INSUFFICIENT WIDTH TO PLACE TRAFFIC DRUMS ON THE REMAINING SHOULDER WIDTH, THEN VERTICAL PANELS SHALL BE USED.
2. WHEN THERE IS INSUFFICIENT WIDTH TO PLACE TRAFFIC DRUMS ON THE REMAINING SHOULDER WIDTH, A STABILIZED WEDGE SHALL BE USED.
3. PRECAST CONCRETE BARRIER WALL CAN BE USED IN LIEU OF A STABILIZED WEDGE, W8-17 SIGN, EDGE LINE STRIPING, AND TRAFFIC DRUMS, IF AND WHERE DIRECTED BY THE ENGINEER.
4. A STABILIZED WEDGE, W8-17 SIGN, EDGE LINE STRIPING, AND TRAFFIC DRUMS CAN BE USED IN LIEU OF PRECAST CONCRETE BARRIER WALL, IF AND WHERE DIRECTED BY THE ENGINEER.
5. W21-5, W21-5a, AND/OR W21-5b SIGNS SHALL BE USED WHERE THE ROADWAY IS UNOBSTRUCTED IF AND WHERE DIRECTED BY THE ENGINEER.
6. TIME LIMITATIONS MUST CONFORM TO SECTION 603 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (CURRENT EDITION).

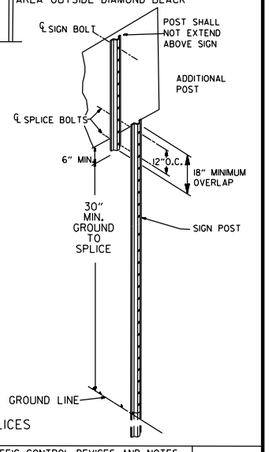


STABILIZED WEDGE

NOTE:
MATERIALS FOR THE STABILIZED WEDGE SHALL MEET THE REQUIREMENTS PROVIDED IN SECTION 603.02 OF THE STANDARD SPECIFICATIONS.

STOP SLOW PADDLE

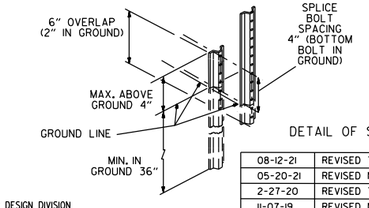




NOTES: USE SPLICES ONLY WHEN NECESSARY FOR INSTALLATION. TYPICAL INSTALLATION SHOULD HAVE NO SPLICES (SEE STD. DRAWING NO. SHS-21)

NORMAL INSTALLATIONS WILL REQUIRE 1/4" DIA. BOLTS TO MOUNT SIGNS TO POST AND 5/16" DIA. BOLTS TO ASSEMBLE THE VARIOUS POST SUPPORTS. EACH OF THESE BOLTS SHALL BE CARRIAGE BOLTS.

SIGN POSTS SHALL BE PAINTED GREEN; SIGNS SHALL NOT BE PAINTED, AND ALL SIGN POSTS SHALL BE PLUMB.



DETAIL OF SPLICES

DATE	REVISION	FILMED
08-12-21	REVISED TRAFFIC CONTROL DEVICES AND NOTES	
05-20-21	REVISED NOTE 10	
2-27-20	REVISED TRAFFIC CONTROL DEVICES DETAILS	
11-07-19	REVISED NOTE 9, ADDED NOTE 11	
7-25-19	REVISED TRAFFIC CONTROL DEVICES DETAILS	
9-2-15	REVISED NOTE 2 & REPLACED R2-5A WITH W3-5	
10-15-09	ADDED REFERENCE TO MASH	
11-20-08	REVISED SIGN DESIGNATIONS	
11-18-04	ADDED NOTE	
10-1-98	ADDED NOTE	
4-03-97	ADDED (SP) TO W6-1& REVISED TRAFFIC CONTROL DEVICES NOTE	
10-18-96	ADDED R55-1	
10-12-95	MOVED UPPER SPLICE	
6-8-95	REVISED SPLICE DETAIL, TEXT	6-8-95
2-2-95	REVISED PER PART VI, MUTCD, SEPT. 3, 1993	
8-15-91	DRAWN AND PLACED IN USE	

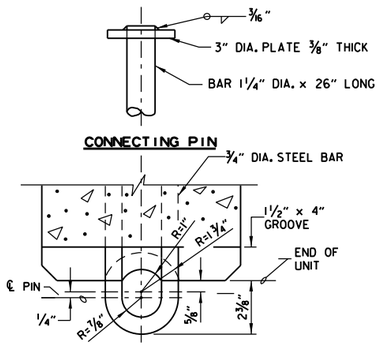
ARKANSAS STATE HIGHWAY COMMISSION

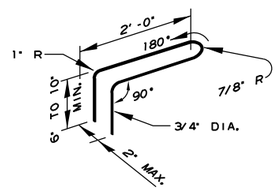
STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION

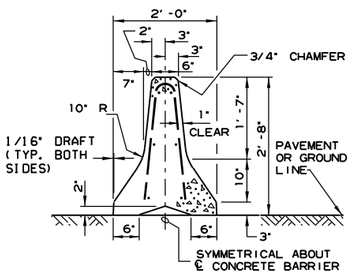
STANDARD DRAWING TC-3

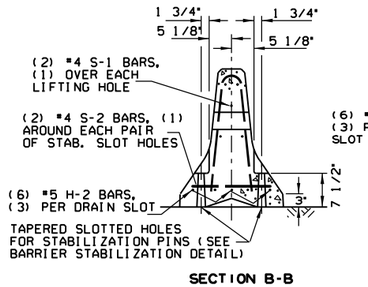
REINFORCING BAR TABLE PER BARRIER UNIT

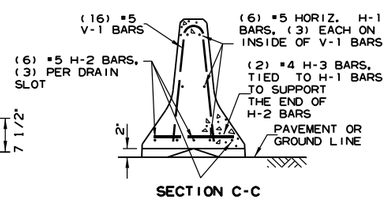
MARK	LOCATION	BAR SIZE	(NO. BARS)	SKETCH
H-1	HORIZONTAL IN BARRIER TIED INSIDE V-1 BARS	#5	(6)	19'-3"
H-2	CENTERED ABOVE DRAIN SLOTS LONG. & TRANSVERSELY	#5	(6)	6'-6"
H-3	TIED ABOVE H-1 BARS TO SUPPORT H-2. TIED TO V-1	#4	(2)	1'-6"
S-1	OVER LIFT HOLES	#4	(2)	2'-5", LIFTING HOLE, 90°, 3 3/8" R
S-2	HORIZ. AROUND SLOTS BETWEEN V-1'S @ DRAIN SLOTS	#4	(2)	1 1/2" R, SLOTS, 7", 1'-6", 1" MIN. CLEAR TO BAR; 5'-1" BAR W/(4) 1 1/2" R BENDS & MIN. 1'-0" OVERLAP
V-1	VERTICAL IN BARRIER(3) EACH END & (2) AT EACH DRAIN SLOTS	#5	(16)	TOTAL LENGTH 4'-9", 2 3/16" R, 12°, #9 1/2", 2'-1 3/8", 4 3/8"

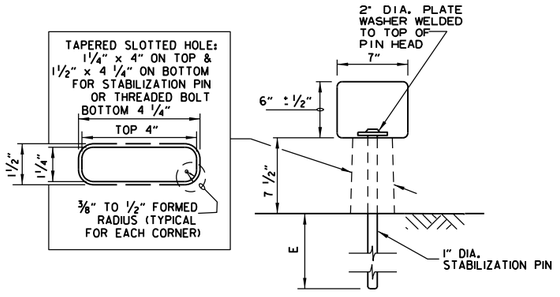


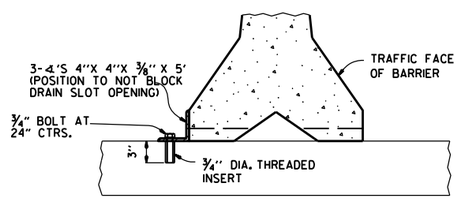


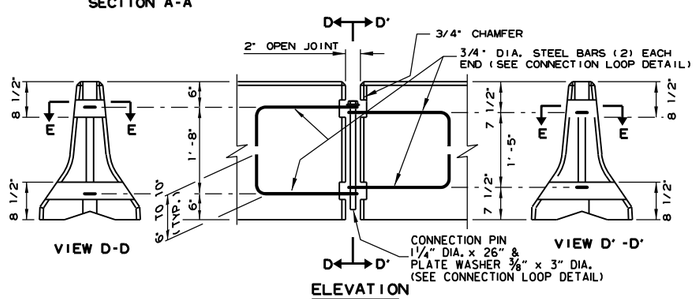


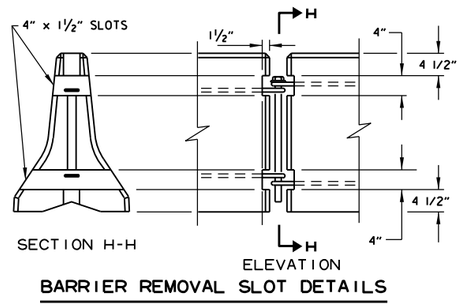


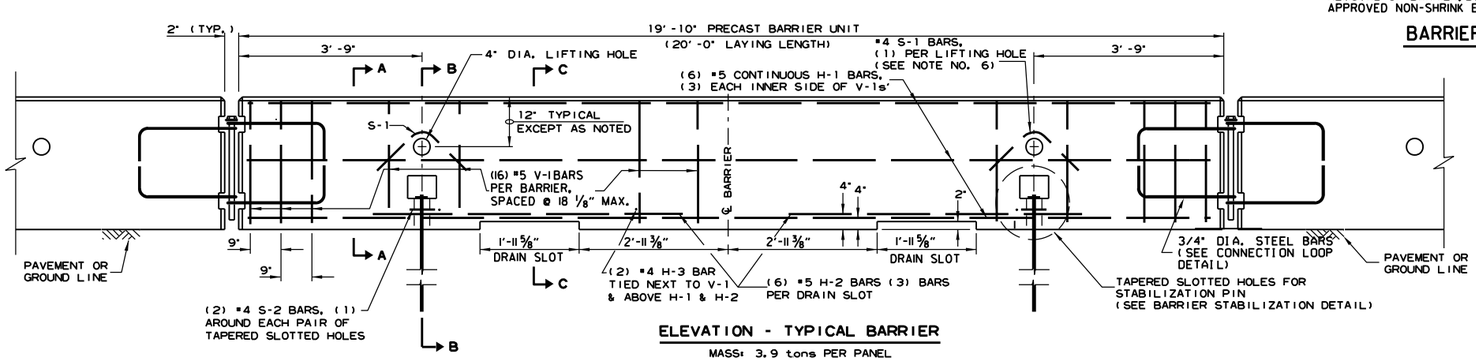












GENERAL NOTES

1. THE CONTRACTOR SHALL FURNISH THE PRECAST CONCRETE BARRIER UNITS AND SHALL BE RESPONSIBLE FOR THE MANUFACTURE, SHIPMENT, STORAGE, PLACEMENT AND REMOVAL, AT THE COMPLETION OF THE PROJECT, THE PRECAST UNITS WILL REMAIN THE PROPERTY OF THE CONTRACTOR.

2. MATERIALS SHALL MEET THE FOLLOWING MINIMUM REQUIREMENTS:
   CONCRETE: 2500 PSI COMPRESSIVE STRENGTH AT 28 DAYS.
   REINFORCING STEEL: AASHTO M 31 OR M 53, GRADE 60
   STRUCTURAL STEEL: AASHTO-M270 GRADE 36 SHALL BE USED FOR THE CONNECTION PIN, CONNECTION LOOPS, AND STABILIZATION PINS. A ONE PIECE PIN WITH A 3" ROUNDED TOP MAY BE USED IN PLACE OF THE DETAILED CONNECTION PIN.
   DELINEATORS: DELINEATORS SHALL BE MOUNTED AT 10' SPACING ON TOP OF PRECAST BARRIER.

   IN APPLICATIONS WHERE BARRIER WALL IS WITHIN 6 FEET OF A TRAFFIC LANE, ADDITIONAL DELINEATORS SHALL BE PLACED ON THE BARRIER AT 10' SPACING APPROXIMATELY ONE (1) FOOT FROM THE TOP OF THE BARRIER. DELINEATORS SHALL BE ON THE ARDOT QUALIFIED PRODUCTS LIST FOR CONSTRUCTION CONCRETE BARRIER MARKERS.
   DELINEATOR COLOR SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
   PAYMENT FOR DELINEATORS SHALL BE CONSIDERED INCLUDED IN THE PRICE BID PER LIN. FT. FOR "FURNISHING AND INSTALLING PRECAST CONCRETE BARRIER". THE CONTRACTOR SHALL CERTIFY TO THE ENGINEER THAT THE MATERIAL AND THE DESIGN USED IN THE PRECAST BARRIER UNITS MEETS THE REQUIREMENTS AS SHOWN ON THIS STANDARD DRAWING.

3. OTHER PRECAST CONCRETE BARRIERS THAT HAVE BEEN CRASH TESTED AND APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION TO MEET THE REQUIREMENTS OF MANUAL FOR ASSESSING SAFETY HARDWARE (MASH) WILL BE ACCEPTED IN LIEU OF THE BARRIER SHOWN. DRAIN SLOTS SHALL BE PROVIDED AS NEEDED OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH A CERTIFICATION OF MANUAL FOR ASSESSING SAFETY HARDWARE (MASH) COMPLIANCE FOR ANY OTHER TYPES OF PRECAST BARRIER TO BE USED. THE CERTIFICATION SHALL STATE THAT THE PRECAST CONCRETE BARRIER MEETS THE REQUIREMENTS OF MANUAL FOR ASSESSING SAFETY HARDWARE (MASH). MIXING OF SHAPES WILL NOT BE ALLOWED IN A CONTINUOUS LINE OF UNITS.

4. DOWEL HOLES IN PAVEMENT OR BRIDGE SLABS THAT ARE TO REMAIN IN PLACE SHALL BE FILLED. HOLES IN CONCRETE PAVEMENT AND BRIDGE SLABS SHALL BE FILLED WITH AN APPROVED NON-SHRINK EPOXY GROUT. HOLES IN ASPHALT PAVEMENT SHALL BE FILLED WITH AN APPROVED ASPHALT JOINT FILLER. PAYMENT FOR DRILLING AND FILLING HOLES TO BE INCLUDED IN THE PRICE FOR VARIOUS BARRIER ITEMS.

5. ATTACH UNITS TO ROADWAY SURFACE WITH STABILIZATION PINS AND TO DECK SLABS USING BOLTS WHEN REQUIRED.

6. A 4" WHITE PVC SLEEVE MAY BE USED TO FORM THE LIFTING HOLE AND IF USED THE SLEEVE IS TO BE LEFT IN PLACE.

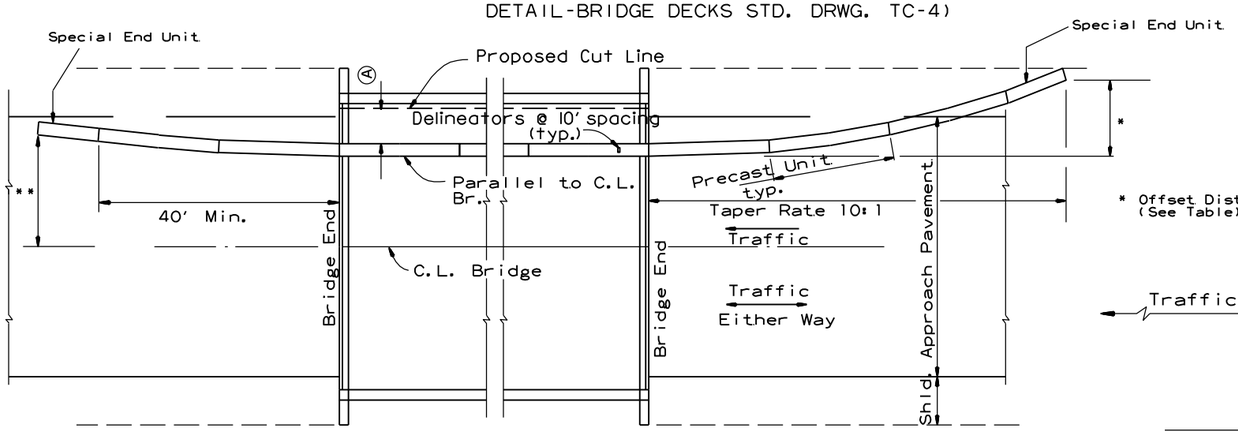
DATE	REVISION	FILMED
11-07-19	REVISED NOTE 3	
2-27-14	REVISED BARRIER STABILIZATION DETAIL	
10-15-09	ADDED REFERENCE TO MASH	
8-5-09	REV. NOTE 3 CONCERNING DRAIN SLOTS	
11-29-07	REVISED NOTE 3	
5-25-06	DELETED GENERAL NOTE 7	
11-18-04	REVISED BARRIER STABILIZATION DETAIL BRIDGE DECKS	
4-10-03	REVISED GENERAL NOTE 2	
8-22-02	ISSUED NEW DRAWING	

ARKANSAS STATE HIGHWAY COMMISSION

STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION - TEMPORARY PRECAST BARRIER

STANDARD DRAWING TC-4

Ⓐ 4 feet or greater preferred. If less than 4 feet, Precast Units shall be connected to slab (SEE BARRIER STABILIZATION DETAIL-BRIDGE DECKS STD. DRWG. TC-4)

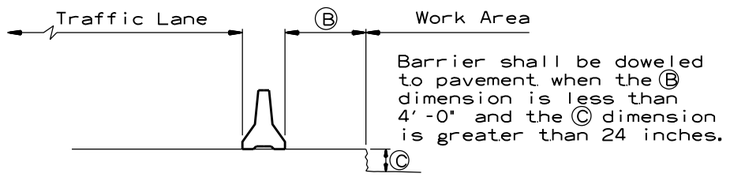


BARRIER PLACEMENT ALONG BRIDGE WITH OFFSET

No Scale

** Offset Distance for Two Way Traffic Only

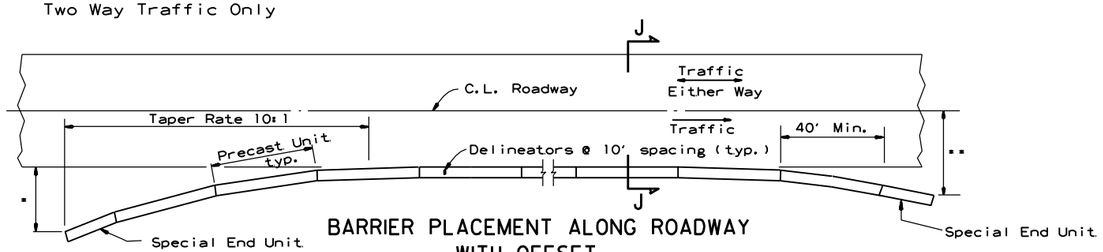
* Offset Distance (See Table)



Barrier shall be doweled to pavement when the Ⓑ dimension is less than 4'-0" and the Ⓒ dimension is greater than 24 inches.

SECTION J-J

No Scale



BARRIER PLACEMENT ALONG ROADWAY WITH OFFSET

No Scale

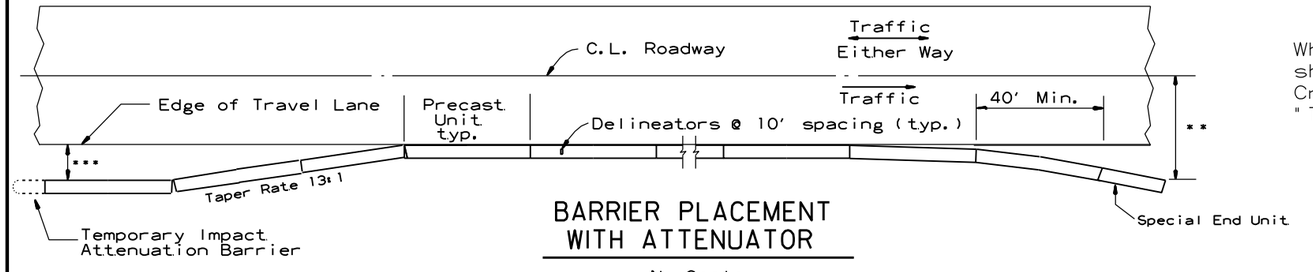
* Offset Distance (See Table)

** Offset Distance For Two Way Traffic Only

Offset Distance Table

Speed (MPH)	Offset Distance (FT.)
≤ 45	12
> 45	18

If offset distance is not attainable, then see "Barrier Placement With Attenuator" Detail shown below.

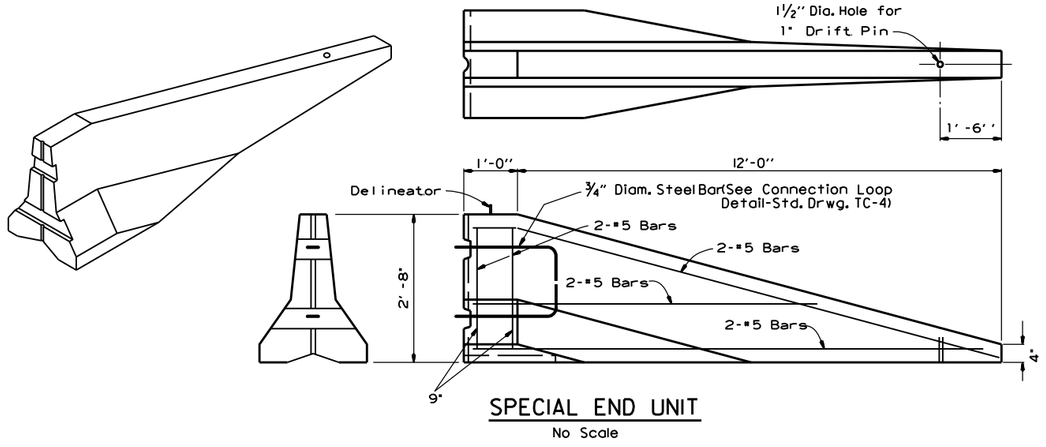


BARRIER PLACEMENT WITH ATTENUATOR

No Scale

*** Min. 3'-0" From Edge of Travel Lane to Nearest Edge of Attenuator

** Offset Distance For Two Way Traffic Only



SPECIAL END UNIT

No Scale

General Notes

When shown on the Plans, the ends of the Temporary Precast Concrete Barrier shall be protected with a Manual For Assessing Safety Hardware (MASH) approved Crash Cushion. Payment for Crash Cushions shall be made under the item of "Temporary Impact Attenuation Barrier."

DATE	REVISION	FILMED
11-07-19	REVISED NOTE	
10-15-09	ADDED REFERENCE TO MASH	
5-25-06	REVISED BARRIER PLACEMENT	
8-22-02	ISSUED NEW DRAWING	

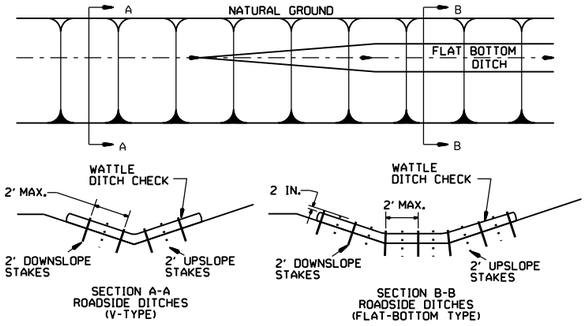
ARKANSAS STATE HIGHWAY COMMISSION

STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION - TEMPORARY PRECAST BARRIER

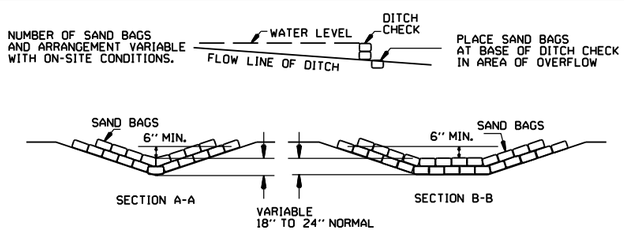
STANDARD DRAWING TC-5

GENERAL NOTES

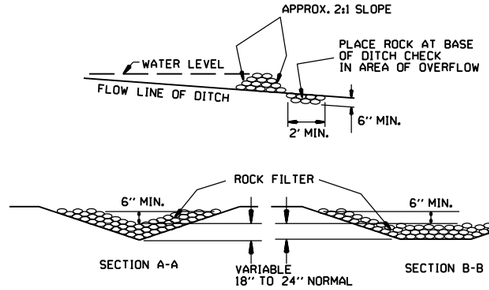
INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.



WATTLE DITCH CHECK (E-1)



SAND BAG DITCH CHECK (E-5)

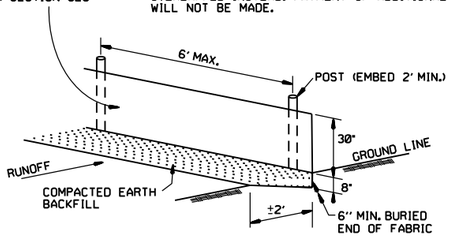


ROCK DITCH CHECK (E-6)

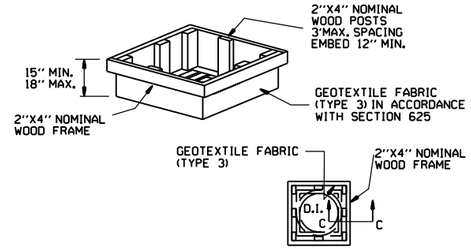
GENERAL NOTES

GEOTEXTILE FABRIC (TYPE 4) IN ACCORDANCE WITH SECTION 625

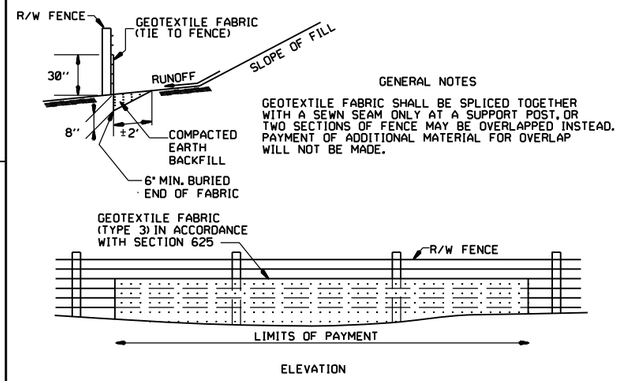
GEOTEXTILE FABRIC SHALL BE SPLICED TOGETHER WITH A SEWN SEAM ONLY AT A SUPPORT POST OR TWO SECTIONS OF FENCE MAY BE OVERLAPPED INSTEAD. PAYMENT OF ADDITIONAL MATERIAL FOR OVERLAP WILL NOT BE MADE.



SILT FENCE (E-11)



DROP INLET SILT FENCE (E-7)



GENERAL NOTES

GEOTEXTILE FABRIC SHALL BE SPLICED TOGETHER WITH A SEWN SEAM ONLY AT A SUPPORT POST, OR TWO SECTIONS OF FENCE MAY BE OVERLAPPED INSTEAD. PAYMENT OF ADDITIONAL MATERIAL FOR OVERLAP WILL NOT BE MADE.

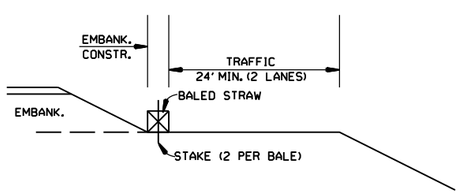
SILT FENCE ON R/W FENCE (E-4)

GENERAL NOTES

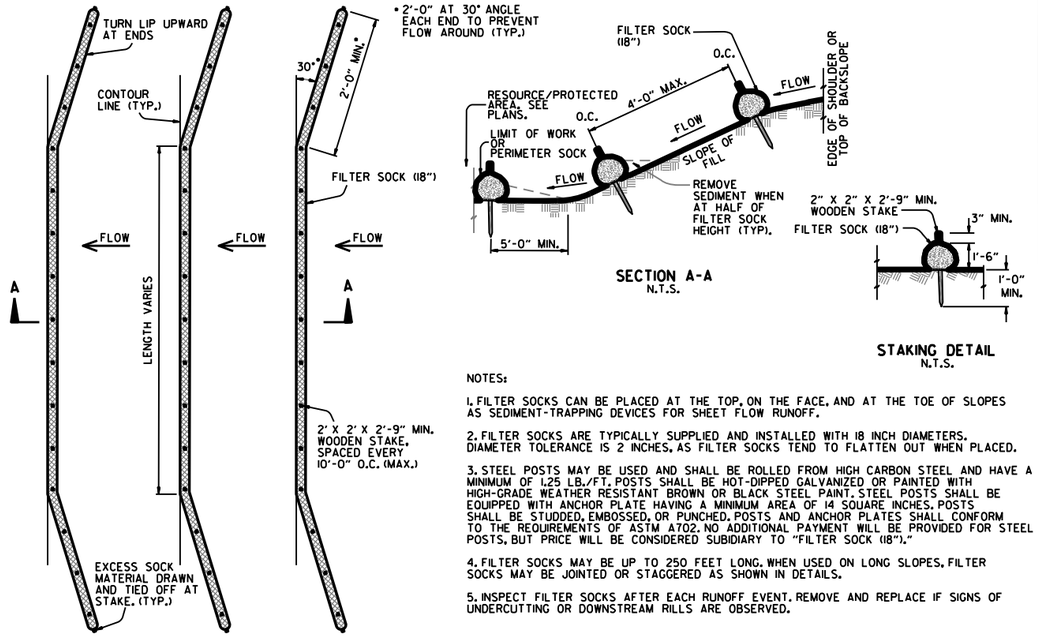
1. STRAW BALES SHALL BE INSTALLED SO THAT THE BINDINGS ARE ORIENTED AROUND THE SIDES RATHER THAN ALONG THE TOPS AND BOTTOMS OF THE BALES. THE BALES SHALL BE A MINIMUM OF 30 INCHES IN LENGTH.

2. NO GAPS SHALL BE LEFT BETWEEN BALES.

3. BALED STRAW FILTER BARRIERS COMPLETED AND ACCEPTED WILL BE MEASURED BY THE BALE IN PLACE AS AUTHORIZED BY THE ENGINEER AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE BID PER BALE FOR BALED STRAW DITCH CHECKS.



BALED STRAW FILTER BARRIER (E-2)



NOTES:

1. FILTER SOCKS CAN BE PLACED AT THE TOP, ON THE FACE, AND AT THE TOE OF SLOPES AS SEDIMENT-TRAPPING DEVICES FOR SHEET FLOW RUNOFF.

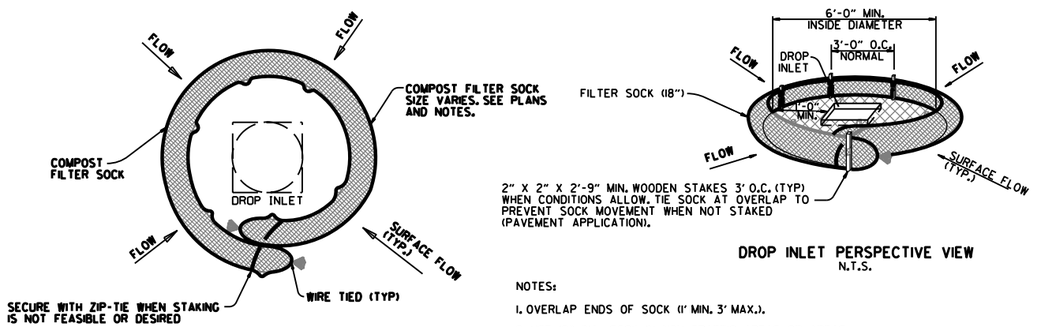
2. FILTER SOCKS ARE TYPICALLY SUPPLIED AND INSTALLED WITH 18 INCH DIAMETERS. DIAMETER TOLERANCE IS 2 INCHES, AS FILTER SOCKS TEND TO FLATTEN OUT WHEN PLACED.

3. STEEL POSTS MAY BE USED AND SHALL BE ROLLED FROM HIGH CARBON STEEL AND HAVE A MINIMUM OF 1.25 LB./FT. POSTS SHALL BE HOT-DIPPED GALVANIZED OR PAINTED WITH HIGH-GRADE WEATHER RESISTANT BROWN OR BLACK STEEL PAINT. STEEL POSTS SHALL BE EQUIPPED WITH ANCHOR PLATE HAVING A MINIMUM AREA OF 14 SQUARE INCHES. POSTS SHALL BE STUDDED, EMBOSSED, OR PUNCHED. POSTS AND ANCHOR PLATES SHALL CONFORM TO THE REQUIREMENTS OF ASTM A702. NO ADDITIONAL PAYMENT WILL BE PROVIDED FOR STEEL POSTS, BUT PRICE WILL BE CONSIDERED SUBIDIARY TO "FILTER SOCK (18")."

4. FILTER SOCKS MAY BE UP TO 250 FEET LONG. WHEN USED ON LONG SLOPES, FILTER SOCKS MAY BE JOINTED OR STAGGERED AS SHOWN IN DETAILS.

5. INSPECT FILTER SOCKS AFTER EACH RUNOFF EVENT. REMOVE AND REPLACE IF SIGNS OF UNDERCUTTING OR DOWNSTREAM RILLS ARE OBSERVED.

FILTER SOCK ALONG SLOPE (E-3)



NOTES:

1. OVERLAP ENDS OF SOCK (1' MIN. 3' MAX.).

2. USE 18" DIA. SOCK IN NON-TRAFFIC AREAS OR AREAS WHERE SAFETY IS NOT A CONCERN.

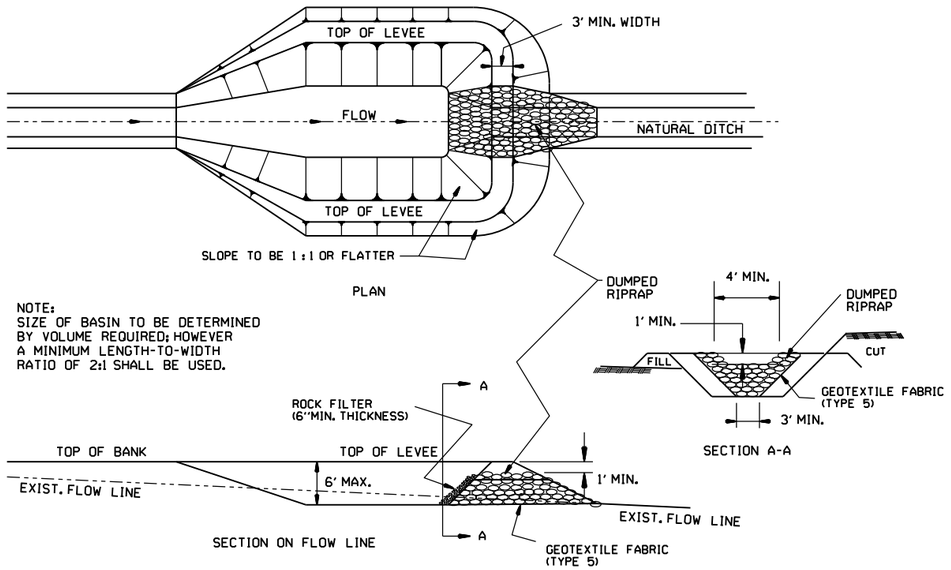
COMPOST FILTER SOCK DROP INLET PROTECTION (E-13)

DATE	REVISION	FILMED
11-16-17	ADDED FILTER SOCK E-3 AND E-13	
12-15-11	DELETED BALED STRAW DITCH CHECK & ADDED WATTLE DITCH CHECK	
11-18-98	ADDED NOTES	
07-02-98	ADDED BALED STRAW FILTER BARRIER (E-2)	
07-20-95	REVISED SILT FENCE E-4 AND E-11	7-20-95
07-15-94	REV. E-4 & E-11 MIN. 13" BURIED END OF FABRIC	
06-02-94	REVISED E-1,4,7 & 11; DELETED E-2 & 3	6-2-94
04-01-93	REDRAWN	
10-01-92	REDRAWN	
08-02-76	ISSUED R.D.M.	298-7-28-76

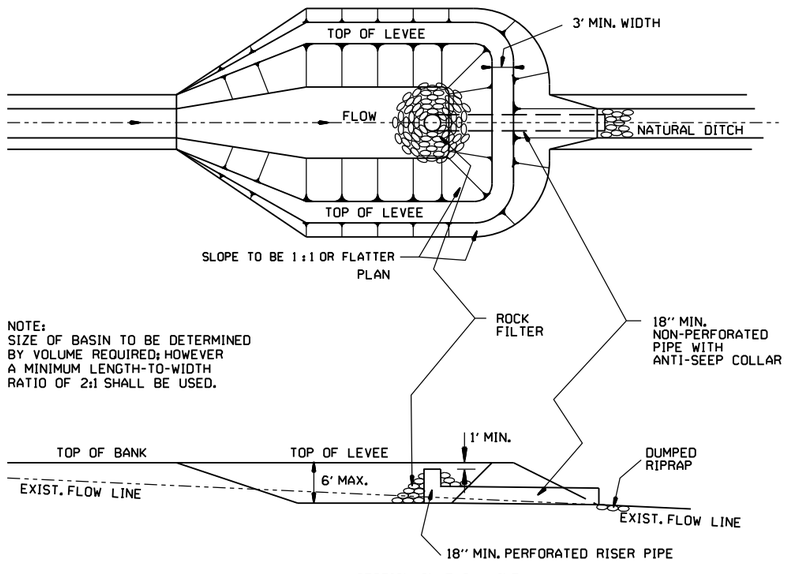
ARKANSAS STATE HIGHWAY COMMISSION

TEMPORARY EROSION CONTROL DEVICES

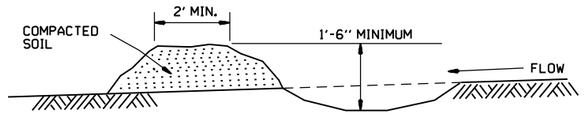
STANDARD DRAWING TEC-1



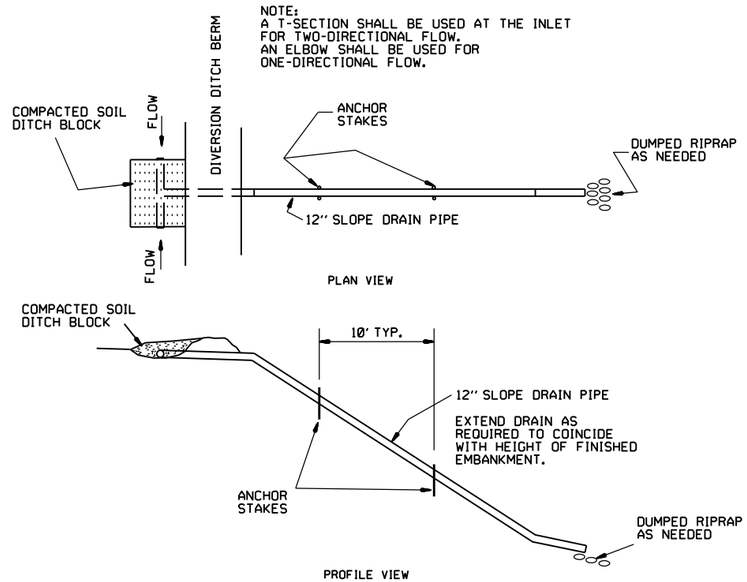
SEDIMENT BASIN WITH RIPRAP OUTLET (E-9)



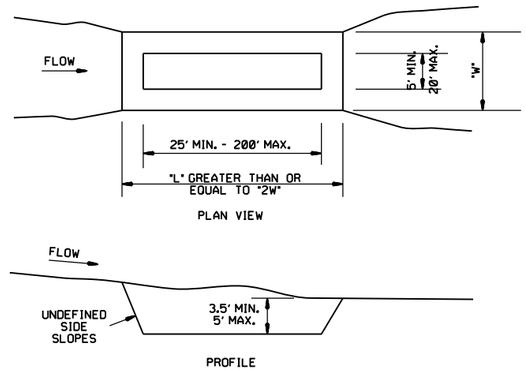
SEDIMENT BASIN WITH PIPE OUTLET (E-10)



DIVERSION DITCH (E-8)



SLOPE DRAIN (E-12)



SEDIMENT BASIN (E-14)

DATE	REVISION	FILMED
6-2-94	Revised E-8 & E-12; Added E-14 & Deleted E-13	
4-1-93	ISSUED	

ARKANSAS STATE HIGHWAY COMMISSION

TEMPORARY EROSION CONTROL DEVICES

STANDARD DRAWING TEC-2

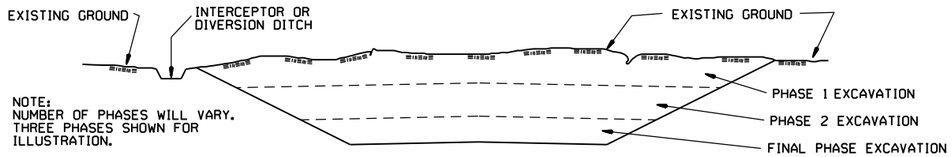
CLEARING AND GRUBBING

CONSTRUCTION SEQUENCE

1. PLACE PERIMETER CONTROLS (I.E. SILT FENCES , DIVERSION DITCHES, SEDIMENT BASINS, ETC.)

2. PERFORM CLEARING AND GRUBBING OPERATION.

EXCAVATION



GENERAL NOTE

ALL CUT SLOPES SHALL BE DRESSED, PREPARED, SEEDED, AND MULCHED AS THE WORK PROGRESSES. SLOPES SHALL BE EXCAVATED AND STABILIZED IN EQUAL INCREMENTS NOT TO EXCEED 25 FEET, MEASURED VERTICALLY.

CONSTRUCTION SEQUENCE

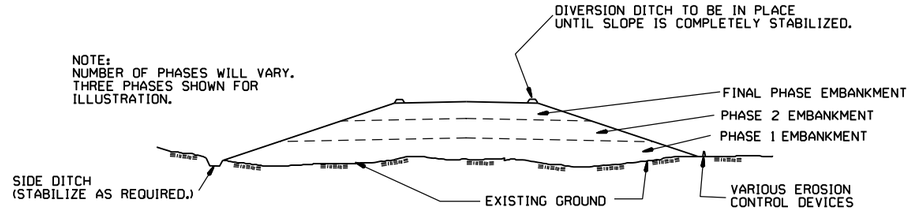
1. EXCAVATE AND STABILIZE INTERCEPTOR AND/OR DIVERSION DITCHES.

2. PERFORM PHASE 1 EXCAVATION. PLACE PERMANENT OR TEMPORARY SEEDING.

3. PERFORM PHASE 2 EXCAVATION. PLACE PERMANENT OR TEMPORARY SEEDING.

4. PERFORM FINAL PHASE OF EXCAVATION. PLACE PERMANENT OR TEMPORARY SEEDING. STABILIZE DITCHES. CONSTRUCT DITCH CHECKS, DIVERSION DITCHES, SEDIMENT BASINS, OR OTHER EROSION CONTROL DEVICES AS REQUIRED.

EMBANKMENT



GENERAL NOTE

ALL EMBANKMENT SLOPES SHALL BE DRESSED, PREPARED, SEEDED, AND MULCHED AS THE WORK PROGRESSES. SLOPES SHALL BE CONSTRUCTED AND STABILIZED IN EQUAL INCREMENTS NOT TO EXCEED 25 FEET, MEASURED VERTICALLY.

CONSTRUCTION SEQUENCE

1. CONSTRUCT DIVERSION DITCHES, DITCH CHECKS, SEDIMENT BASINS, SILT FENCES, OR OTHER EROSION CONTROL DEVICES AS SPECIFIED.

2. PLACE PHASE 1 EMBANKMENT WITH PERMANENT OR TEMPORARY SEEDING. PROVIDE DIVERSION DITCHES AND SLOPE DRAINS IF EMBANKMENT CONSTRUCTION IS TO BE TEMPORARILY ABANDONED FOR A PERIOD OF GREATER THAN 21 DAYS.

3. PLACE PHASE 2 EMBANKMENT WITH PERMANENT OR TEMPORARY SEEDING. PROVIDE DIVERSION DITCHES AND SLOPE DRAINS IF EMBANKMENT CONSTRUCTION IS TO BE TEMPORARILY ABANDONED FOR A PERIOD OF GREATER THAN 21 DAYS.

4. PLACE FINAL PHASE OF EMBANKMENT WITH PERMANENT OR TEMPORARY SEEDING. PLACE DIVERSION DITCHES AND SLOPE DRAINS AND MAINTAIN UNTIL ENTIRE SLOPE IS STABILIZED.

11-03-94	CORRECTED SPELLING	
6-2-94	Drawn & Issued	6-2-94
DATE	REVISION	FILMED

ARKANSAS STATE HIGHWAY COMMISSION

TEMPORARY EROSION CONTROL DEVICES

STANDARD DRAWING TEC-3