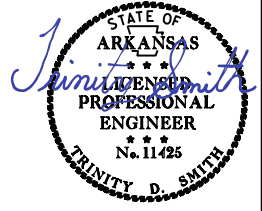


DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
06/04/2024		6	ARK.	100875	3	159
GOVERNING SPECS. & GENERAL NOTES						



GOVERNING SPECIFICATIONS (2 OF 2)

ARKANSAS STATE HIGHWAY COMMISSION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, EDITION OF 2014, AND THE FOLLOWING SPECIAL PROVISIONS AND SUPPLEMENTAL SPECIFICATIONS:

GOVERNING SPECIFICATIONS (1 OF 2)

ARKANSAS STATE HIGHWAY COMMISSION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, EDITION OF 2014, AND THE FOLLOWING SPECIAL PROVISIONS AND SUPPLEMENTAL SPECIFICATIONS:

NUMBER	TITLE
ERRATA	ERRATA FOR THE BOOK OF STANDARD SPECIFICATIONS
FHWA-1273	REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS
FHWA-1273	SUPPLEMENT - EQUAL EMPLOYMENT OPPORTUNITY - NOTICE TO CONTRACTORS
FHWA-1273	SUPPLEMENT - SPECIFIC EQUAL EMPLOYMENT OPPORTUNITY RESPONSIBILITIES (23 U.S.C. 140)
FHWA-1273	SUPPLEMENT - EQUAL EMPLOYMENT OPPORTUNITY - GOALS AND TIMETABLES
FHWA-1273	SUPPLEMENT - EQUAL EMPLOYMENT OPPORTUNITY - FEDERAL STANDARDS
FHWA-1273	SUPPLEMENT - POSTERS AND NOTICES REQUIRED FOR FEDERAL-AID PROJECTS
FHWA-1273	SUPPLEMENT - WAGE RATE DETERMINATION
100-3	CONTRACTOR'S LICENSE
100-4	DEPARTMENT NAME CHANGE
102-2	ISSUANCE OF PROPOSALS
102-3	PREQUALIFICATION OF BIDDERS
103-2	CONTACT INFORMATION FOR MOTORIST DAMAGE CLAIMS
105-4	MAINTENANCE DURING CONSTRUCTION
107-2	RESTRAINING CONDITIONS
108-1	LIQUIDATED DAMAGES
108-2	WORK ALLOWED PRIOR TO ISSUANCE OF WORK ORDER
110-1	PROTECTION OF WATER QUALITY AND WETLANDS
210-1	UNCLASSIFIED EXCAVATION
303-1	AGGREGATE BASE COURSE
306-1	QUALITY CONTROL AND ACCEPTANCE
400-1	TACK COATS
400-4	DESIGN AND QUALITY CONTROL OF ASPHALT MIXTURES
400-5	PERCENT AIR VOIDS FOR ACHM MIX DESIGNS
400-6	LIQUID ANTI-STRIP ADDITIVE
400-7	TRACKLESS TACK
404-3	DESIGN OF ASPHALT MIXTURES
409-2	ASPHALT LABORATORY FACILITY
410-1	CONSTRUCTION REQUIREMENTS AND ACCEPTANCE OF ASPHALT CONCRETE PLANT MIX COURSES
410-2	DEVICES FOR MEASURING DENSITY FOR ROLLING PATTERNS
410-4	EVALUATION OF ACHM SUBLOT REPLACEMENT MATERIAL
416-1	RECYCLED ASPHALT PAVEMENT
501-2	CEMENT
502-1	WELDED WIRE REINFORCEMENT
505-1	PORTLAND CEMENT CONCRETE DRIVEWAY
600-2	INCIDENTAL CONSTRUCTION
603-1	LANE CLOSURE NOTIFICATION
604-1	RETROREFLECTIVE SHEETING FOR TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES
604-3	TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES (MASH)
605-1	CONCRETE DITCH PAVING
606-1	PIPE CULVERTS FOR SIDE DRAINS
620-1	MULCH COVER
621-1	FILTER SOCKS
632-1	CONCRETE ISLAND
633-1	CONCRETE WALKS, CONCRETE STEPS, AND HAND RAILING
634-1	CURBING
700-2	TRAFFIC CONTROL FACILITIES
800-1	STRUCTURES
802-4	CEMENT
804-2	REINFORCING STEEL FOR STRUCTURES

NUMBER	TITLE
JOB 100875	ACCESSIBLE PEDESTRIAN SIGNAL (APS)
JOB 100875	ACTUATED CONTROLLER
JOB 100875	AIRPORT CLEARANCE REQUIREMENTS
JOB 100875	ANTENNA SUPPORT
JOB 100875	ARCHITECTURAL FINISH (CAST-IN PLACE RETAINING WALLS)
JOB 100875	ASSESSMENT OF WORKING DAYS - MAINTENANCE OF TRAFFIC
JOB 100875	BIDDING REQUIREMENTS AND CONDITIONS
JOB 100875	BROADBAND INTERNET SERVICE FOR ASPHALT CONCRETE PLANT
JOB 100875	BROADBAND INTERNET SERVICE FOR FIELD OFFICE
JOB 100875	BUY AMERICA - CONSTRUCTION MATERIALS
JOB 100875	CABINET DRAWER ASSEMBLY
JOB 100875	CARGO PREFERENCE ACT REQUIREMENTS
JOB 100875	COLD MILLING - COUNTY PROPERTY
JOB 100875	CONCRETE WALKS (TYPE SPECIAL)
JOB 100875	CONSTRUCTION PROJECT INFORMATION SIGN
JOB 100875	DESIGN AND QUALITY CONTROL OF ASPHALT MIXTURES
JOB 100875	DISADVANTAGED BUSINESS ENTERPRISE BIDDER'S RESPONSIBILITIES
JOB 100875	ELECTRICAL CONDUCTORS FOR LUMINAIRES
JOB 100875	ELECTRICAL CONDUCTORS-IN-CONDUIT
JOB 100875	EMERGENCY BATTERY BACKUP SYSTEM INSTALLATION
JOB 100875	EXTENSION FOR PIPE CULVERTS
JOB 100875	FLEXIBLE BEGINNING OF WORK - CALENDAR DAY CONTRACT
JOB 100875	GOALS FOR DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION
JOB 100875	IP VIDEO DETECTION SYSTEM
JOB 100875	LED COUNTDOWN PEDESTRIAN SIGNAL HEAD
JOB 100875	LED LUMINAIRE ASSEMBLY (BUG UO TYPE)
JOB 100875	LED TRAFFIC SIGNAL HEAD
JOB 100875	LIQUIDATED DAMAGES PROCEDURE FOR BID LETTINGS
JOB 100875	LONGITUDINAL JOINT DENSITIES FOR ACHM SURFACE COURSES
JOB 100875	MAINTENANCE OF TRAFFIC
JOB 100875	MANDATORY ELECTRONIC CONTRACT
JOB 100875	MANDATORY ELECTRONIC DOCUMENT SUBMITTAL
JOB 100875	NESTING SITES OF MIGRATORY BIRDS
JOB 100875	PARTNERING REQUIREMENTS
JOB 100875	PERCENT AIR VOIDS AND DESIGN FOR ACHM SURFACE MIX DESIGNS
JOB 100875	PLASTIC PIPE
JOB 100875	PRICE ADJUSTMENT FOR ASPHALT BINDER
JOB 100875	PRICE ADJUSTMENT FOR FUEL
JOB 100875	PROHIBITION OF CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT
JOB 100875	PROSECUTION AND PROGRESS WITH BID SCHEDULE
JOB 100875	RELOCATION OF TRAFFIC SIGNAL HEAD
JOB 100875	REMOVAL OF TRAFFIC SIGNAL EQUIPMENT
JOB 100875	RETROREFLECTIVE BACKPLATES
JOB 100875	SERVICE POINT ASSEMBLY (TRAFFIC CONTROL DEVICES)
JOB 100875	SHORING FOR CULVERTS
JOB 100875	SITE USE (A+C METHOD) - CALENDAR DAY CONTRACT
JOB 100875	SOIL STABILIZATION
JOB 100875	STORM WATER POLLUTION PREVENTION PLAN
JOB 100875	STREET NAME SIGN (MAST ARM MOUNTED)
JOB 100875	SUBMISSION OF ASPHALT CONCRETE HOT MIX ACCEPTANCE TEST RESULTS
JOB 100875	SYSTEM LOCAL CONTROLLER
JOB 100875	TEXTURED COATING FINISH (CAST-IN PLACE RETAINING WALLS)
JOB 100875	THERMOPLASTIC PAVEMENT MARKING (YIELD LINE)
JOB 100875	TRAFFIC SIGNAL CONTROLLER (MODIFICATION)
JOB 100875	UTILITY ADJUSTMENTS
JOB 100875	VALUE ENGINEERING
JOB 100875	VIDEO DETECTOR ROTATION
JOB 100875	WARM MIX ASPHALT

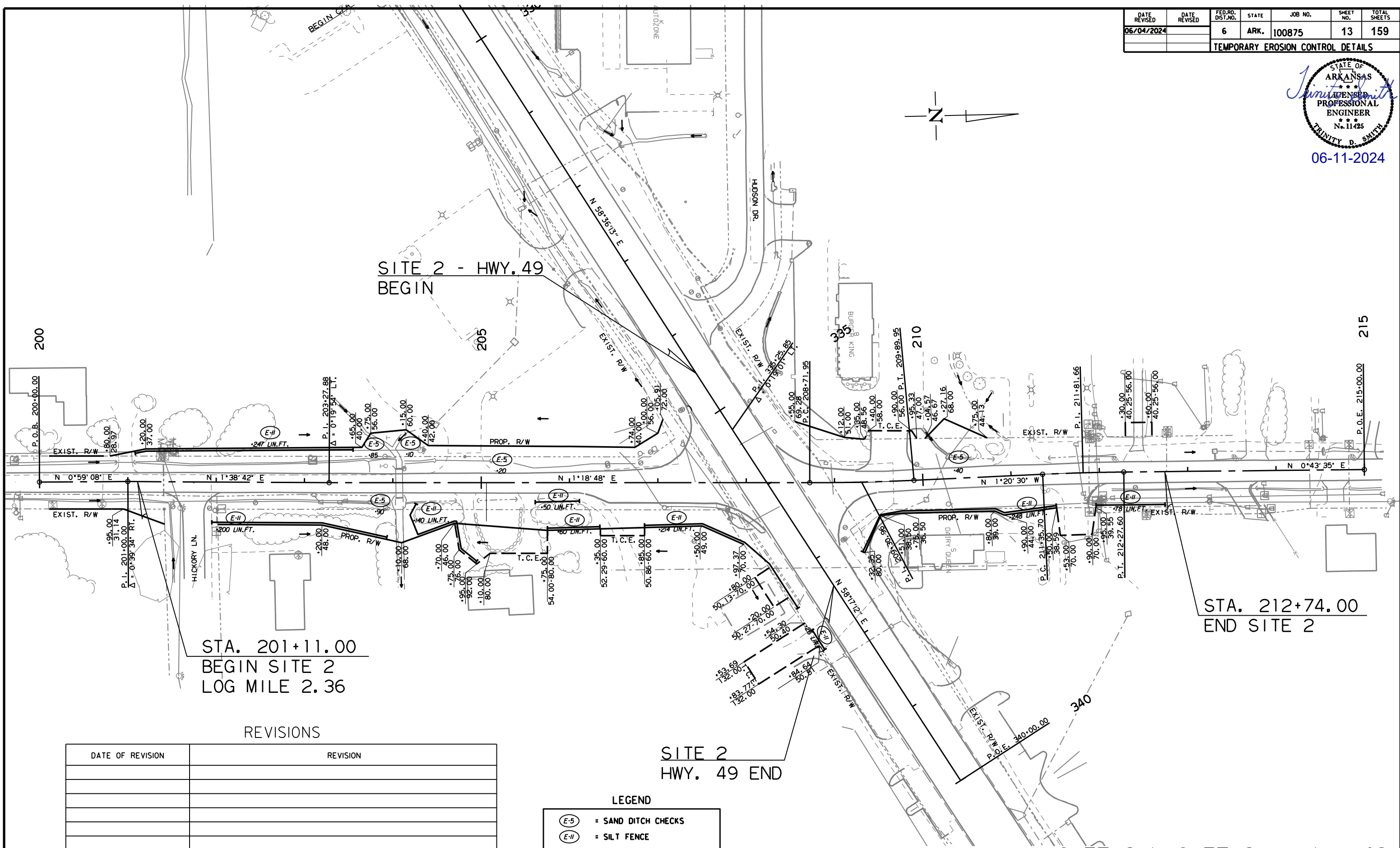
GENERAL NOTES

1. GRADE LINE DENOTES FINISHED GRADE WHERE SHOWN ON PLANS.
2. ALL PIPE LINES, POWER, TELEPHONE, AND TELEGRAPH LINES TO BE MOVED OR LOWERED BY THE RESPECTIVE OWNERS AS PER AGREEMENT WITH SUCH OWNERS.
3. ANY EQUIPMENT OR APPURTENANCE THAT INTERFERES WITH THE PROPOSED CONSTRUCTION AND WHICH MAY BE THE PROPERTY OF UTILITY SERVICE ORGANIZATIONS SHALL BE MOVED BY THE OWNERS UNLESS OTHERWISE PROVIDED.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING U. S. MAILBOXES WITHIN THE PROJECT LIMITS IN SUCH A MANNER THAT THE PUBLIC MAY RECEIVE CONTINUED MAIL SERVICE. PAYMENT WILL BE CONSIDERED INCLUDED IN THE PRICE BID FOR THE VARIOUS BID ITEMS.
5. ALL LAND MONUMENTS LOCATED WITHIN THE CONSTRUCTION AREA SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 107.12 OF THE STANDARD SPECIFICATIONS.
6. ALL TREES THAT DO NOT DIRECTLY INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE SPARED AS DIRECTED BY THE ENGINEER. CARE AND DISCRETION SHALL BE USED TO ENSURE THAT ALL TREES NOT TO BE REMOVED SHALL BE HARMED AS LITTLE AS POSSIBLE DURING THE CONSTRUCTION OPERATIONS.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A FENCE TO CONTROL LIVESTOCK IN AREAS WHERE PASTURES ARE SEVERED. WIRE FENCE MAY BE CONSTRUCTED INITIALLY, OR IN LIEU THEREOF, THE CONTRACTOR AT HIS OWN EXPENSE, MAY ELECT TO PROVIDE TEMPORARY FENCING SUITABLE TO CONTAIN LIVESTOCK.
8. THE SEQUENCE AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS IS A GENERAL OUTLINE FOR THE CONSTRUCTION OF THIS PROJECT, AND IN NO WAY IS IT INTENDED TO COVER EVERY ITEM IN THE PROJECT. ITEMS NOT CRITICAL TO THE CONSTRUCTION SEQUENCE MAY BE CONSTRUCTED IN ANY STAGE AS APPROVED BY THE RESIDENT ENGINEER.
9. ALL FLEXIBLE BASE AND ASPHALTIC PAVEMENTS REMOVED SHALL BE PAID FOR UNDER THE ITEM NO. 210 - UNCLASSIFIED EXCAVATION.
10. THE EXISTING ASPHALT PAVEMENT TO BE REMOVED FROM THE REMAINING PAVEMENT SHALL BE SEPARATED BY SAWING ALONG A NEAT LINE. AFTER SAWING, THE PAVEMENT TO BE REMOVED SHALL BE CAREFULLY REMOVED IN A MANNER THAT WILL NOT DAMAGE THE PAVEMENT THAT IS TO REMAIN. ANY DAMAGE OF THE ASPHALT PAVEMENT THAT IS TO REMAIN IN PLACE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
11. THIS PROJECT IS COVERED UNDER A SECTION 404 NATIONWIDE 14 PERMIT. REFER TO SECTION 110 OF THE STANDARD SPECIFICATIONS, EDITION OF 2014, FOR PERMIT REQUIREMENTS.

DATE REVISION	DATE REVISID	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
06/04/2024		6	ARK.	100875	13	159
TEMPORARY EROSION CONTROL DETAILS						



06-11-2024



STA. 201+11.00
BEGIN SITE 2
LOG MILE 2.36

STA. 212+74.00
END SITE 2

REVISIONS

DATE OF REVISION	REVISION

LEGEND

- (E-5) = SAND DITCH CHECKS
- (E-11) = SILT FENCE

SITE 2
HWY. 49 END

SITE 2 & SITE 2 - HWY. 49
CLEARING AND GRUBBING
TEMPORARY EROSION CONTROL DETAILS

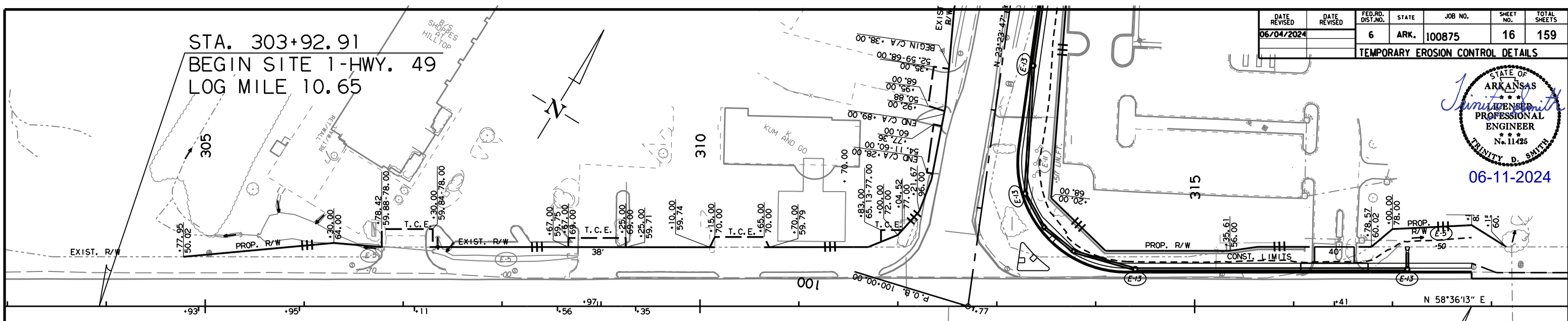
DATE REVISION	DATE REVISION	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
06/04/2024		6	ARK.	100875	16	159

TEMPORARY EROSION CONTROL DETAILS



06-11-2024

STA. 303+92.91
BEGIN SITE 1-HWY. 49
LOG MILE 10.65



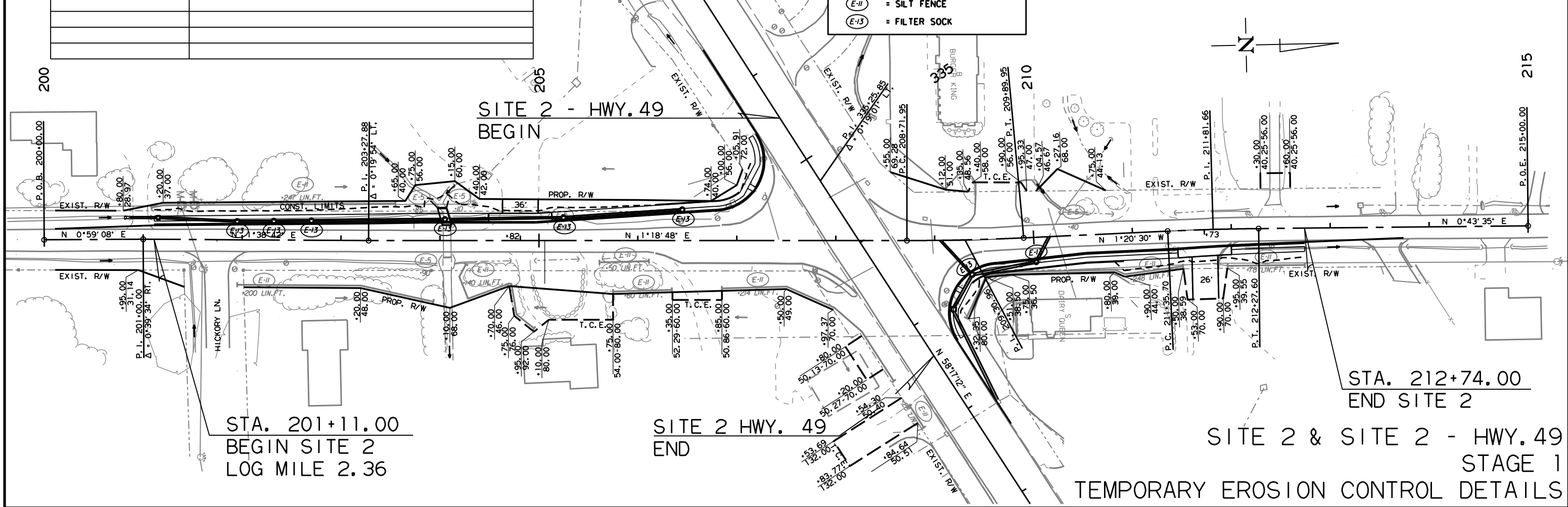
STA. 317+80.00
END SITE 1-HWY. 49
SITE 1 - HWY. 49
STAGE 1
TEMPORARY EROSION CONTROL DETAILS

DATE OF REVISION	REVISION

LEGEND

(E-5)	= SAND DITCH CHECKS
(E-11)	= SILT FENCE
(E-13)	= FILTER SOCK

SITE 2 - HWY. 49
BEGIN



STA. 201+11.00
BEGIN SITE 2
LOG MILE 2.36

SITE 2 HWY. 49
END

STA. 212+74.00
END SITE 2
SITE 2 & SITE 2 - HWY. 49
STAGE 1
TEMPORARY EROSION CONTROL DETAILS

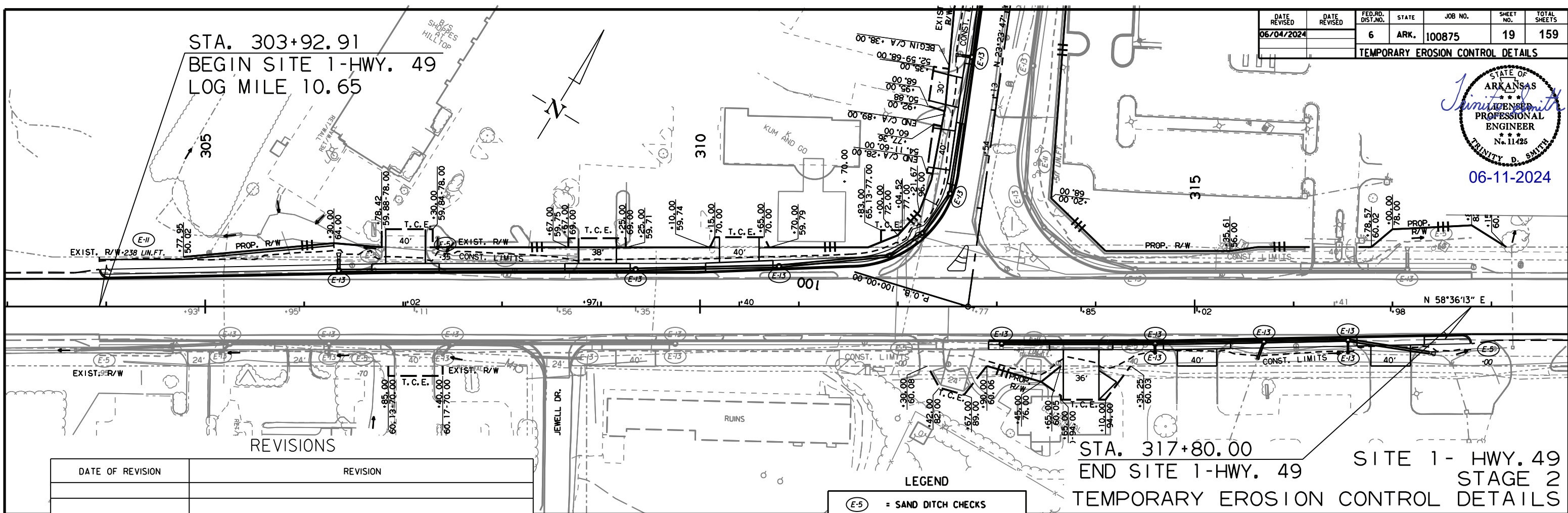
DATE REVISION	DATE REVISION	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
06/04/2024		6	ARK.	100875	19	159

TEMPORARY EROSION CONTROL DETAILS



06-11-2024

STA. 303+92.91
BEGIN SITE 1-HWY. 49
LOG MILE 10.65



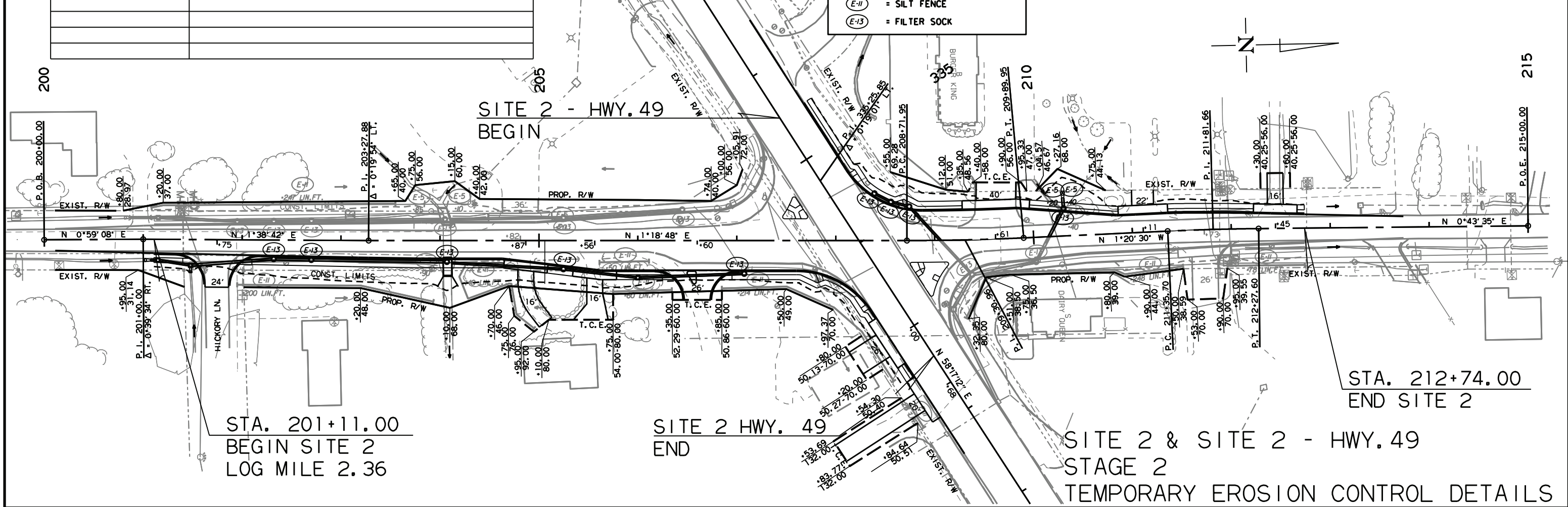
DATE OF REVISION	REVISION

LEGEND

(E-5)	= SAND DITCH CHECKS
(E-11)	= SILT FENCE
(E-13)	= FILTER SOCK

STA. 317+80.00
END SITE 1-HWY. 49
SITE 1- HWY. 49
STAGE 2
TEMPORARY EROSION CONTROL DETAILS

SITE 2 - HWY. 49
BEGIN



STA. 201+11.00
BEGIN SITE 2
LOG MILE 2.36

SITE 2 HWY. 49
END

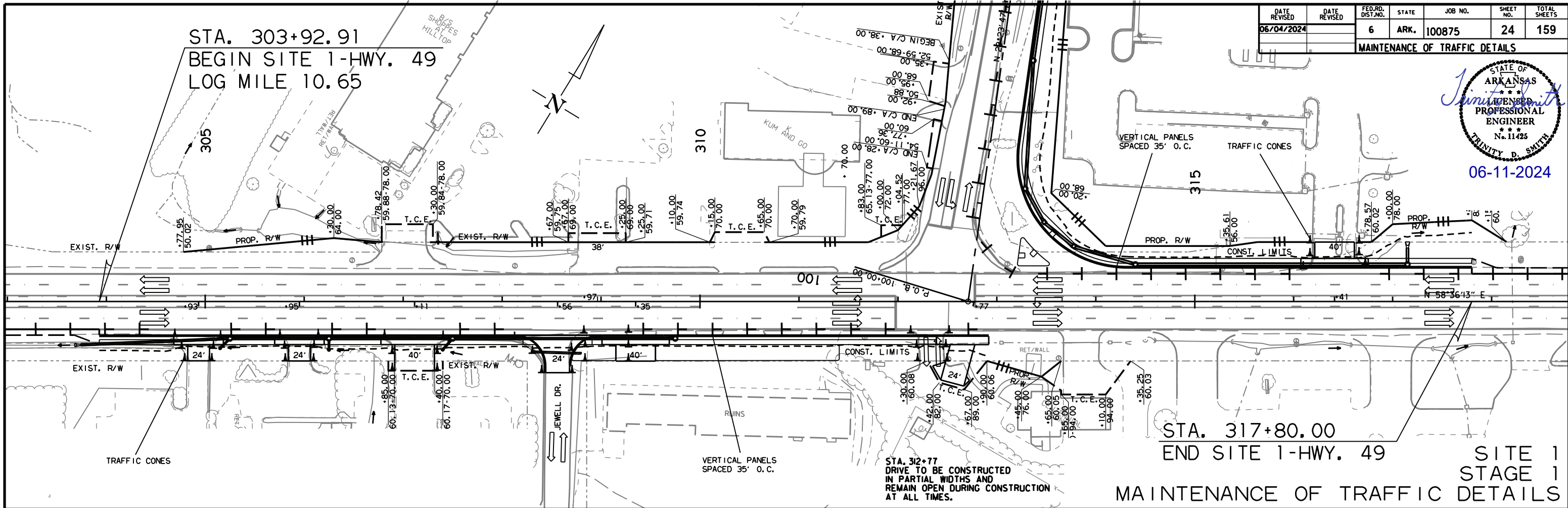
STA. 212+74.00
END SITE 2
SITE 2 & SITE 2 - HWY. 49
STAGE 2
TEMPORARY EROSION CONTROL DETAILS

DATE REVISION	DATE REVISION	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
06/04/2024		6	ARK.	100875	24	159

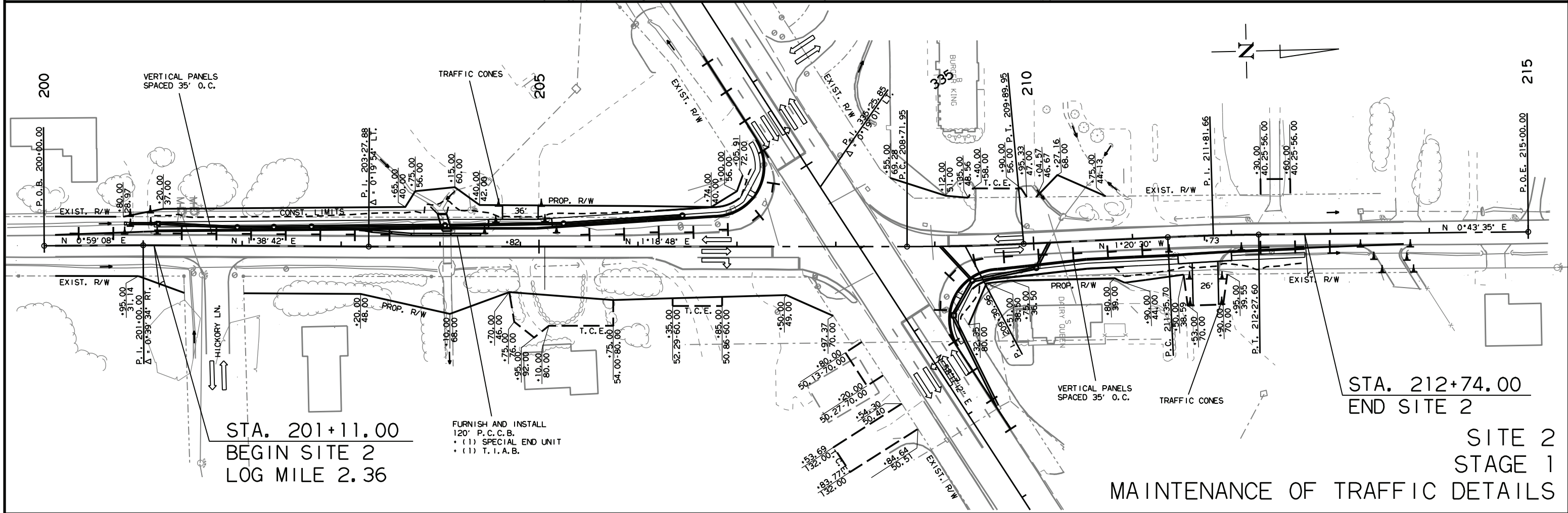
MAINTENANCE OF TRAFFIC DETAILS



06-11-2024



STA. 317+80.00
END SITE 1-HWY. 49
SITE 1
STAGE 1
MAINTENANCE OF TRAFFIC DETAILS



STA. 212+74.00
END SITE 2
SITE 2
STAGE 1
MAINTENANCE OF TRAFFIC DETAILS

mh39735 3/16/2023 R100875.DCN

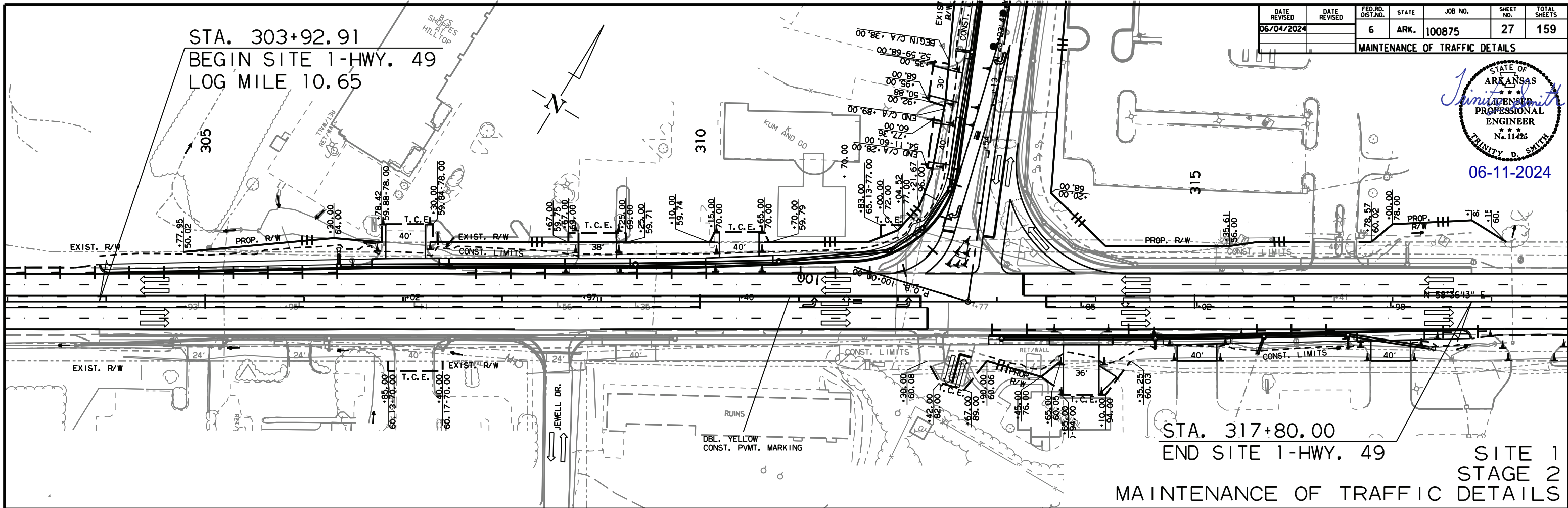
DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
06/04/2024		6	ARK.	100875	27	159

MAINTENANCE OF TRAFFIC DETAILS



06-11-2024

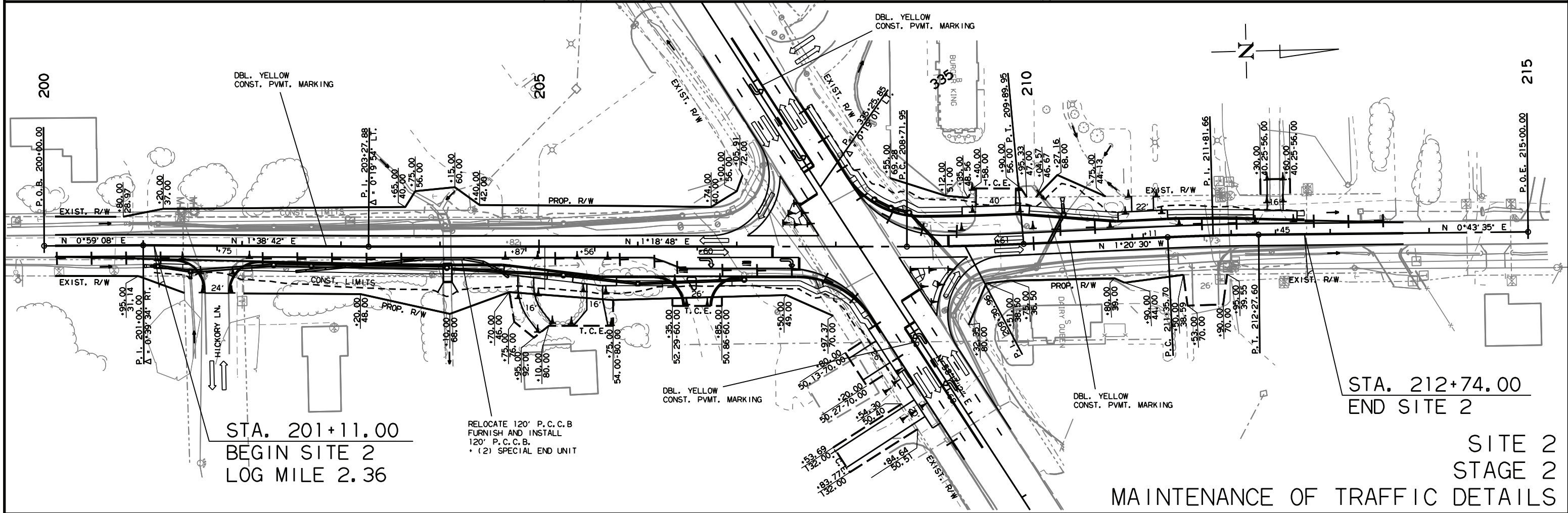
STA. 303+92.91
BEGIN SITE 1-HWY. 49
LOG MILE 10.65



STA. 317+80.00
END SITE 1-HWY. 49

SITE 1
STAGE 2
MAINTENANCE OF TRAFFIC DETAILS

STA. 201+11.00
BEGIN SITE 2
LOG MILE 2.36



STA. 212+74.00
END SITE 2

SITE 2
STAGE 2
MAINTENANCE OF TRAFFIC DETAILS

PERMANENT PAVEMENT MARKINGS (SITE 2)

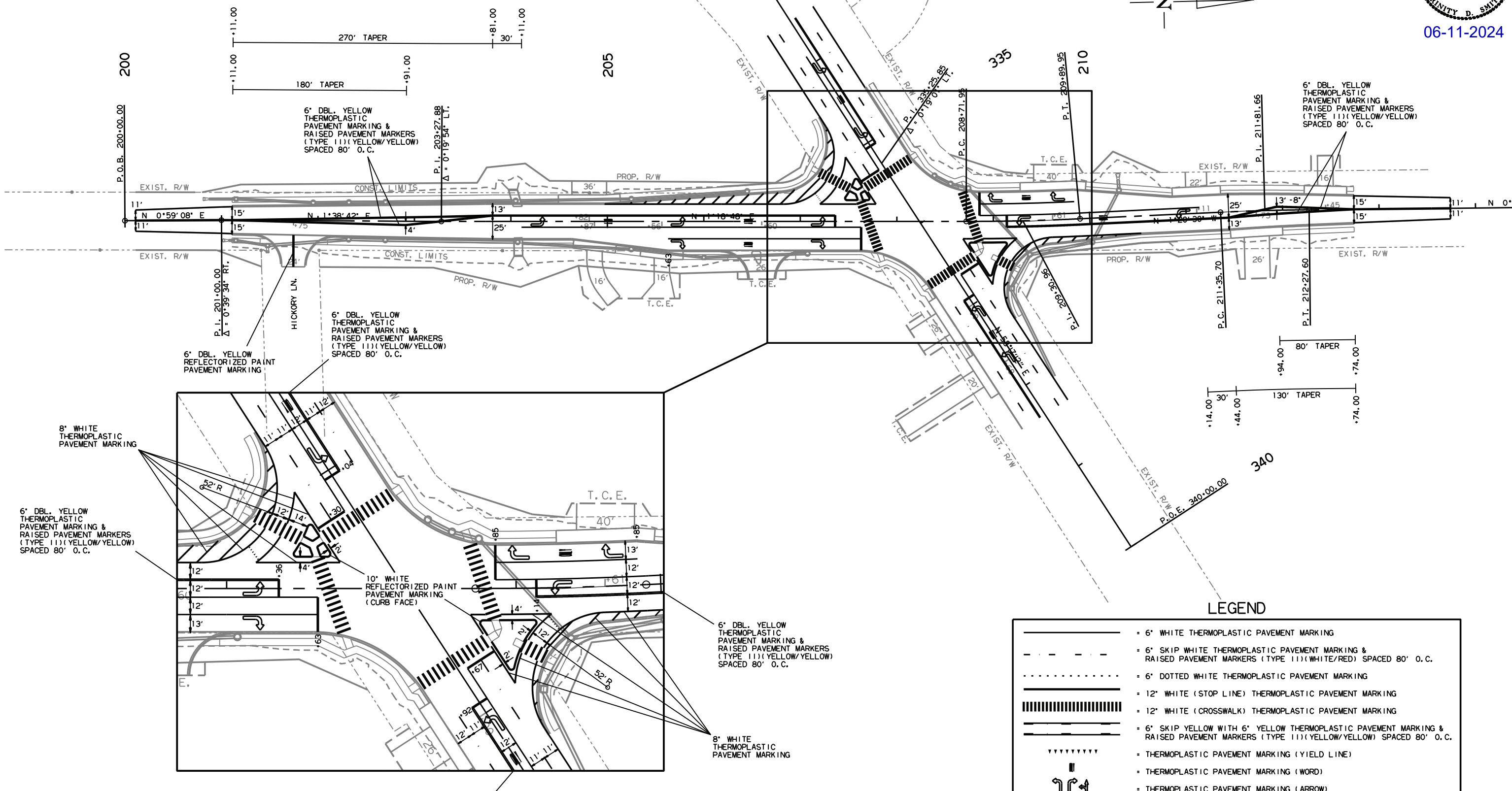
- RAISED PAVEMENT MARKERS TYPE 11 (YEL/YEL) (80' O.C.) = 24 EACH
- RAISED PAVEMENT MARKERS TYPE 11 (WHI/RED) (80' O.C.) = 8 EACH
- THERMOPLASTIC PAVEMENT MARKING WHITE (6") = 1996 LIN. FT.
- THERMOPLASTIC PAVEMENT MARKING WHITE (8") = 1049 LIN. FT.
- THERMOPLASTIC PAVEMENT MARKING WHITE (12") = 842 LIN. FT.
- THERMOPLASTIC PAVEMENT MARKING YELLOW (6") = 3771 LIN. FT.
- THERMOPLASTIC PAVEMENT MARKING (YIELD LINE) = 24 LIN. FT.
- THERMOPLASTIC PAVEMENT MARKING (WORDS) = 7 EACH
- THERMOPLASTIC PAVEMENT MARKING (ARROWS) = 11 EACH
- REFLECTORIZED PAINT PAVEMENT MARKING WHITE (10") = 200 LIN. FT.
- REFLECTORIZED PAINT PAVEMENT MARKING YELLOW (6") = 66 LIN. FT.

DATE REVISION	DATE REVISION	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
06/04/2024		6	ARK.	100875	30	159

PERMANENT PAVEMENT MARKING DETAILS



06-11-2024



LEGEND

	= 6" WHITE THERMOPLASTIC PAVEMENT MARKING
	= 6" SKIP WHITE THERMOPLASTIC PAVEMENT MARKING & RAISED PAVEMENT MARKERS (TYPE 11) (WHITE/RED) SPACED 80' O.C.
	= 6" DOTTED WHITE THERMOPLASTIC PAVEMENT MARKING
	= 12" WHITE (STOP LINE) THERMOPLASTIC PAVEMENT MARKING
	= 12" WHITE (CROSSWALK) THERMOPLASTIC PAVEMENT MARKING
	= 6" SKIP YELLOW WITH 6" YELLOW THERMOPLASTIC PAVEMENT MARKING & RAISED PAVEMENT MARKERS (TYPE 11) (YELLOW/YELLOW) SPACED 80' O.C.
	= THERMOPLASTIC PAVEMENT MARKING (YIELD LINE)
	= THERMOPLASTIC PAVEMENT MARKING (WORD)
	= THERMOPLASTIC PAVEMENT MARKING (ARROW)

NOTE: USE THE CORRESPONDING PAVEMENT MARKINGS LISTED ABOVE UNLESS OTHERWISE SPECIFIED IN THE PERMANENT PAVEMENT MARKING DETAILS.

SITE 2

PERMANENT PAVEMENT MARKING DETAILS

mh39735 3/16/2023
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DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
06/04/2024		6	ARK.	100875	31	159
QUANTITIES						



06-11-2024

ADVANCE WARNING SIGNS AND DEVICES

SIGN NUMBER	DESCRIPTION	SIGN SIZE	STAGE		MAXIMUM NUMBER REQUIRED	TOTAL SIGNS REQUIRED		VERTICAL PANELS	TRAFFIC DRUMS	CONSTRUCTION PROJECT INFORMATION SIGN UPDATE	TRAFFIC CONE	*PORTABLE CHANGEABLE MESSAGE SIGN	FURNISHING & INSTALLING PRECAST CONC. BARRIER	RELOCATING PRECAST CONCRETE BARRIER	TEMPORARY IMPACT ATTENUATION BARRIER	TEMP. IMPACT ATTEN. BARR. (REPAIR)	
			LIN. FT. - EACH			NO.	SQ. FT.										EACH
W20-1	ROAD WORK 1500 FT.	48"x48"	5	5	5	5	80.0										
W20-1	ROAD WORK 1000 FT.	48"x48"	5	5	5	5	80.0										
W20-1	ROAD WORK 500 FT.	48"x48"	5	5	5	5	80.0										
W20-1	ROAD WORK AHEAD	48"x48"	7	7	7	7	112.0										
G20-2	END ROAD WORK	48"x24"	12	12	12	12	96.0										
OM-3L	OBJECT MARKER	12"x36"	3	3	3	3	9.0										
OM-3R	OBJECT MARKER	12"x36"	4	4	4	4	12.0										
R4-1	DO NOT PASS	24"x30"	7	7	7	7	35.0										
V21-5a	RIGHT SHOULDER CLOSED	36"x36"	7	7	7	7	63.0										
W8-1	BUMP	30"x30"	7	7	7	7	43.8										
SPECIAL	CONSTRUCTION PROJECT INFORMATION SIGN	96"x48"	5	5	5	5	160.0										
	CONSTRUCTION PROJECT INFORMATION SIGN UPDATE				25	25				25							
	VERTICAL PANELS		202	74	202			202									
	TRAFFIC DRUMS			117	117				117								
	TRAFFIC CONES		147	190	190					190							
	FURNISHING AND INSTALLING PRECAST CONCRETE BARRIER		120	120	240							240					
	RELOCATING PRECAST CONCRETE BARRIER			120	120								120				
	TEMPORARY IMPACT ATTENUATION BARRIER		1		1										1		
	TEMPORARY IMPACT ATTENUATION BARRIER (REPAIR)		1		1											1	
	PORTABLE CHANGEABLE MESSAGE SIGN			65	65						65						
TOTALS:																	
						770.8	202	117	25	190	65	240	120	1	1		

NOTE: THIS IS A HIGH TRAFFIC VOLUME ROAD AS DEFINED IN SECTION 604.03, STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

* QUANTITY ESTIMATED.
SEE SECTION 104.03 OF THE STD. SPECS.

CONSTRUCTION PAVEMENT MARKINGS AND PERMANENT PAVEMENT MARKINGS

DESCRIPTION	STAGE 2	END OF JOB	CONSTRUCTION PAVEMENT MARKINGS	CONSTRUCTION PAVEMENT MARKINGS		RAISED PAVEMENT MARKERS		THERMOPLASTIC PAVEMENT MARKING						REFLECTORIZED PAINT PAVEMENT MARKING			
				WORDS	ARROWS	TYPE II (WHITE/RED)	TYPE II (YELLOW/YELLOW)	6" WHITE	6" YELLOW	8" WHITE	12" WHITE	WORDS	ARROWS	YIELD LINE	6" YELLOW	10" WHITE	
																	LIN. FT. - EACH
CONSTRUCTION PAVEMENT MARKINGS	31663		31663														
CONSTRUCTION PAVEMENT MARKINGS (WORDS)	5			5													
CONSTRUCTION PAVEMENT MARKINGS (ARROWS)	10				10												
RAISED PAVEMENT MARKERS TYPE II (WHITE/RED)		142				142											
RAISED PAVEMENT MARKERS TYPE II (YELLOW/YELLOW)		155					155										
THERMOPLASTIC PAVEMENT MARKING WHITE (6")		8246						8246									
THERMOPLASTIC PAVEMENT MARKING YELLOW (6")		14366							14366								
THERMOPLASTIC PAVEMENT MARKING WHITE (8")		4135								4135							
THERMOPLASTIC PAVEMENT MARKING WHITE (12")		1577									1577						
THERMOPLASTIC PAVEMENT MARKING (WORDS)		27										27					
THERMOPLASTIC PAVEMENT MARKING (ARROWS)		39											39				
THERMOPLASTIC PAVEMENT MARKING (YIELD LINE)		35												35			
REFLECTORIZED PAINT PAVEMENT MARKING YELLOW (6")		550													550		
REFLECTORIZED PAINT PAVEMENT MARKING WHITE (10")		375														375	
TOTALS:			31663	5	10	142	155	8246	14366	4135	1577	27	39	35	550	375	

NOTE: THIS IS A HIGH TRAFFIC VOLUME ROAD AS DEFINED IN SECTION 604.03, STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

QUANTITIES

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
06/04/2024		6	ARK.	100875	32	159
QUANTITIES						



CLEARING AND GRUBBING

STATION	STATION	LOCATION	CLEARING	GRUBBING
			STATION	STATION
116+00	117+00	SITE 1 - HWY. 351 N. RT.	1	1
121+00	122+00	SITE 1 - HWY. 351 N. RT.	1	1
130+00	138+00	SITE 1 - HWY. 351 N. LT.	8	8
139+50	140+50	SITE 1 - HWY. 351 N. LT.	1	1
141+50	151+50	SITE 1 - HWY. 351 N. LT. & RT.	10	10
204+20	206+20	HWY. 351 S. RT.	2	2
210+00	211+00	SITE 2 - PLEASANT GROVE RD. LT.	1	1
TOTALS:			24	24

EARTHWORK

STATION	STATION	LOCATION / DESCRIPTION	UNCLASSIFIED EXCAVATION	COMPACTED EMBANKMENT	* SOIL STABILIZATION
			CU. YD.	CU. YD.	TON
100+34.33	153+14.00	STAGE 1 - SITE 1 - HWY. 351 N.	1729	6938	
200+11.00	207+90.03	STAGE 1 - SITE 2 - HWY. 351 S.	130	864	
208+38.00	213+74.00	STAGE 1 - SITE 2 - PLEASANT GROVE RD.	50	286	
302+92.91	318+80.00	STAGE 1 - SITE 2 - HWY. 49	356	650	
100+34.33	153+14.00	STAGE 2 - SITE 1 - HWY. 351 N.	1495	11053	
200+11.00	207+90.03	STAGE 2 - SITE 2 - HWY. 351 S.	53	1235	
208+38.00	213+74.00	STAGE 2 - SITE 2 - PLEASANT GROVE RD.	463	92	
302+92.91	318+80.00	STAGE 2 - SITE 1 - HWY. 49	405	769	
333+50.35	338+36.43	STAGE 2 - SITE 2 - HWY. 49	15	54	
ENTIRE PROJECT	APPROACHES		485	960	
* ENTIRE PROJECT	TO BE USED IF AND WHERE DIRECTED BY THE ENGINEER				100
TOTALS:			5181	22901	100

* QUANTITY ESTIMATED.
SEE SECTION 104.03 OF THE STD. SPECS.

NOTE: EARTHWORK QUANTITIES SHOWN ABOVE SHALL BE PAID AS PLAN QUANTITY.

REMOVAL AND DISPOSAL OF FENCE

STATION	STATION	LOCATION	FENCE
			LIN. FT.
121+78	130+62	SITE 1 - HWY. 351 N. RT.	932
147+39	148+85	SITE 1 - HWY. 351 N. LT.	175
149+99	151+55	SITE 1 - HWY. 351 N. LT.	156
TOTAL:			1263

CONCRETE DITCH PAVING

STATION	STATION	LOCATION	LENGTH	"W"	CONC. DITCH PAVING (TYPE B)	SOLID SODDING	WATER
			LIN. FT.	FEET	SQ. YD.	SQ. YD.	M. GAL.
127+00.00	128+00.00	SITE 1 - HWY. 351 N. RT.	100.00	6.32	70.22	44.44	0.56
130+50.00	131+00.00	SITE 1 - HWY. 351 N. LT.	50.00	6.32	35.11	22.22	0.28
210+05.00	210+75.00	SITE 2 - HWY. 351 S. LT.	70.00	6.32	49.16	31.11	0.39
TOTALS:					154.49	97.77	1.23

BASIS OF ESTIMATE:
WATER.....12.6 GAL. / SQ. YD. OF SOLID SODDING.

WHEELCHAIR RAMPS

STATION	LOCATION	TYPE 2	TYPE 3
		SQ. YD.	
100+53	SITE 1 - HWY. 351 N. RT.		3.5
100+60	SITE 1 - HWY. 351 N. LT.		4.0
100+60	SITE 1 - HWY. 351 N. RT.		3.3
100+78	SITE 1 - HWY. 351 N. RT.		3.3
113+53	SITE 1 - HWY. 351 N. LT.		5.4
114+41	SITE 1 - HWY. 351 N. LT.		5.4
121+30	SITE 1 - HWY. 351 N. RT.		5.4
121+78	SITE 1 - HWY. 351 N. RT.		5.4
126+17	SITE 1 - HWY. 351 N. LT.		5.4
126+67	SITE 1 - HWY. 351 N. LT.		5.4
130+00	SITE 1 - HWY. 351 N. LT.		5.4
130+48	SITE 1 - HWY. 351 N. LT.		5.4
141+48	SITE 1 - HWY. 351 N. RT.		5.4
141+95	SITE 1 - HWY. 351 N. RT.		5.4
145+88	SITE 1 - HWY. 351 N. RT.		4.9
146+55	SITE 1 - HWY. 351 N. LT.		3.3
146+55	SITE 1 - HWY. 351 N. RT.	12.7	
201+49	SITE 2 - HWY. 351 S. RT.		5.4
202+01	SITE 2 - HWY. 351 S. RT.		5.4
206+29	SITE 2 - HWY. 351 S. RT.		5.4
206+90	SITE 2 - HWY. 351 S. RT.		5.4
207+18	SITE 2 - HWY. 351 S. LT.		3.5
207+83	SITE 2 - HWY. 351 S. RT.		4.3
208+67	SITE 2 - PLEASANT GROVE RD. LT.		4.2
208+86	SITE 2 - PLEASANT GROVE RD. RT.	8.5	
209+04	SITE 2 - PLEASANT GROVE RD. RT.		3.3
209+21	SITE 2 - PLEASANT GROVE RD. RT.		3.4
335+38	SITE 1 - HWY. 49 LT.		3.5
336+58	SITE 1 - HWY. 49 RT.		3.4
TOTALS:		21.2	123.5

REMOVAL AND DISPOSAL OF ITEMS

STATION	STATION	LOCATION	CURB AND GUTTER	RETAINING WALLS	CONCRETE ISLANDS	CONCRETE DRIVEWAYS	WALKS	SIGN FOUNDATIONS	CONCRETE DITCH PAVING	SIGNS	PLANTERS	FLAG POLE	LIGHT POLE
			LIN. FT.	LIN. FT.	SQ. YD.	SQ. YD.	SQ. YD.	EACH	SQ. YD.	EACH	EACH	EACH	EACH
100+18	102+46	SITE 1 - HWY. 351 N. LT. & RT.	227		121	161		1		1	1	3	1
103+41	104+90	SITE 1 - HWY. 351 N. LT. & RT.	276			510							
107+87	109+58	SITE 1 - HWY. 351 N. RT.				729		1		1			
111+45	114+52	SITE 1 - HWY. 351 N. LT. & RT.	265			227		1		1			
131+32	133+74	SITE 1 - HWY. 351 N. RT.	47					2		2			
135+40	137+47	SITE 1 - HWY. 351 N. RT.				179							
140+34	140+59	SITE 1 - HWY. 351 N. LT.				89							
146+39	146+39	SITE 1 - HWY. 351 N. RT.						1		1			
204+43	205+20	SITE 2 - HWY. 351 S. LT.	57			120							
204+03	204+12	SITE 2 - HWY. 351 S. RT.							30				
206+18	208+22	SITE 2 - HWY. 351 S. LT. & RT.	380				36	1		1			
208+34	212+50	SITE 2 - PLEASANT GROVE RD. LT. & RT.	500			89			7				1
303+67	317+44	SITE 1 - HWY. 49 LT. & RT.	1338	75	161	2126	9	1	99	1	1	3	1
TOTALS:			3090	75	282	4230	45	8	136	8	2	3	3

QUANTITIES

3/16/2023
mh39735
R100875.DGN



06-11-2024

REMOVAL AND DISPOSAL OF CULVERTS AND DROP INLETS

STATION	DESCRIPTION	PIPE CULVERTS	JUNCTION BOXES	DROP INLETS
		EACH	EACH	EACH
103+73	SITE 1 - HWY. 351 N. LT. - 18" x 45' R.C. SIDE DRAIN	1		
106+34	SITE 1 - HWY. 351 N. LT. - 18" x 23' C.M. SIDE DRAIN	1		
108+34	SITE 1 - HWY. 351 N. LT. - 18" x 23' C.M. SIDE DRAIN	1		
109+71	SITE 1 - HWY. 351 N. RT. - 18" x 23' C.M. SIDE DRAIN	1		
111+69	SITE 1 - HWY. 351 N. LT. - 18" x 75' SIDE DRAIN	1		
111+91	SITE 1 - HWY. 351 N. RT. - 24" x 23' C.M. SIDE DRAIN	1		
113+96	SITE 1 - HWY. 351 N. RT. - 24" x 68' R.C. SIDE DRAIN	1		
116+36	SITE 1 - HWY. 351 N. - 24" x 55' C.M. CROSS DRAIN	1		
118+06	SITE 1 - HWY. 351 N. RT. - 18" x 23' C.M. SIDE DRAIN	1		
121+54	SITE 1 - HWY. 351 N. RT. - 18" x 29' C.M. SIDE DRAIN	1		
126+42	SITE 1 - HWY. 351 N. LT. - 24" x 39' C.M. SIDE DRAIN	1		
128+56	SITE 1 - HWY. 351 N. RT. - 18" x 23' C.M. SIDE DRAIN	1		
130+24	SITE 1 - HWY. 351 N. LT. - 18" x 24' C.M. SIDE DRAIN	1		
131+16	SITE 1 - HWY. 351 N. RT. - 24" x 60' C.M. SIDE DRAIN	1		
132+18	SITE 1 - HWY. 351 N. LT. - 18" x 23' C.M. SIDE DRAIN	1		
133+88	SITE 1 - HWY. 351 N. RT. - 18" x 60' C.M. SIDE DRAIN	1		
135+55	SITE 1 - HWY. 351 N. RT. - 18" x 33' C.M. SIDE DRAIN	1		
137+30	SITE 1 - HWY. 351 N. RT. - 18" x 40' C.M. SIDE DRAIN	1		
141+71	SITE 1 - HWY. 351 N. RT. - 18" x 24' C.M. SIDE DRAIN	1		
147+25	SITE 1 - HWY. 351 N. LT. - 18" x 21' C.M. SIDE DRAIN	1		
200+98	SITE 2 - HWY. 351 S. LT. - 18" x 20' C.M. SIDE DRAIN	1		
201+75	SITE 2 - HWY. 351 S. RT. - 18" x 40' R.C. SIDE DRAIN	1		
204+82	SITE 2 - HWY. 351 S. LT. - 18" x 61' R.C. SIDE DRAIN	1		
204+87	SITE 2 - HWY. 351 S. RT. - 18" x 24' SIDE DRAIN	1		
205+56	SITE 2 - HWY. 351 S. RT. - 18" x 24' SIDE DRAIN	1		
210+03	SITE 2 - PLEASANT GROVE RD. RT. - JUNCTION BOX W/ 24" x 51' R.C. PIPE OUTLET	1	1	
210+45	SITE 2 - PLEASANT GROVE RD. LT. - 18" x 38' R.C. SIDE DRAIN	1		
211+11	SITE 2 - PLEASANT GROVE RD. LT. - 18" x 62' SIDE DRAIN	1		
306+23	SITE 1-HWY. 49 RT. - DROP INLET W/ 24" x 114' C.M. PIPE OUTLET	1		1
307+38	SITE 1-HWY. 49 RT. - DROP INLET W/ 24" x 155' C.M. PIPE OUTLET	1		1
313+05	SITE 1-HWY. 49 RT. - JUNCTION BOX W/ 18" x 89' C.M. PIPE INLET AND 18" x 108' C.M. PIPE OUTLET	2	1	
314+14	SITE 1-HWY. 49 RT. - JUNCTION BOX W/ 18" x 14' C.M. PIPE OUTLET	1	1	
315+02	SITE 1-HWY. 49 RT. - 18" x 76' C.M. SIDE DRAIN	1		
316+98	SITE 1-HWY. 49 RT. - 24" x 81' R.C. SIDE DRAIN	1		
TOTALS:		35	3	2

NOTE: QUANTITIES SHOWN ABOVE SHALL INCLUDE REMOVAL & DISPOSAL OF ALL HEADWALLS AND FLARED END SECTIONS IF APPLICABLE.

BENCH MARKS

STATION	LOCATION	BENCH MARKS
		EACH
204+07	HWY. 351 S. - HDWL. OF R.C. BOX CULVERT ON RT.	1
TOTAL:		1

NOTE: SHOWN FOR INFORMATION ONLY. BENCH MARKS SHALL BE FURNISHED AND PLACED BY STATE FORCES.

SOIL LOG

STATION	LATITUDE			LONGITUDE			LOCATION	DEPTH FEET	LIQUID LIMIT	PLASTICITY INDEX	AASHTO CLASSIFICATION	COLOR
	DEG	MIN	SEC	DEG	MIN	SEC						
112+00	35	51	38.00	90	39	27.80	6' LT.	0-5	41	25	A-7-6(16)	BR/GR
112+00	35	51	37.90	90	39	28.10	15' LT.	0-5	43	27	A-7-6(27)	BR/GR
120+00	35	51	45.70	90	39	30.30	6' RT.	0-5	35	21	A-6(14)	RD/BR
120+00	35	51	45.80	90	39	30.30	15' RT.	0-5	41	25	A-7-6(19)	BR/GR
128+00	35	51	53.70	90	39	30.30	6' LT.	0-5	33	18	A-6(8)	BR/GR
128+00	35	51	53.50	90	39	30.50	15' LT.	0-5	31	14	A-6(5)	BROWN
136+00	35	52	1.60	90	39	30.00	6' RT.	0-5	37	20	A-6(13)	BR/GR
136+00	35	52	1.40	90	39	30.00	15' RT.	0-5	32	14	A-6(11)	BROWN
144+00	35	52	9.50	90	39	29.80	6' LT.	0-5	32	17	A-6(10)	BROWN
144+00	35	52	9.40	90	39	30.00	15' LT.	0-5	25	7	A-4(2)	BR/GR

SOIL CHARACTERISTICS TABULATED ABOVE ARE REPRESENTATIVE AT THE LOCATION OF THE SAMPLE, AND FROM SURFACE INDICATIONS ARE TYPICAL FOR THE LIMITS SHOWN. THESE DATA ARE SHOWN FOR INFORMATION ONLY. THE STATE WILL NOT BE RESPONSIBLE FOR VARIATIONS IN THE SOIL CHARACTERISTICS AND/OR EXTENT OF SAME DIFFERING FROM THE ABOVE TABULATIONS.

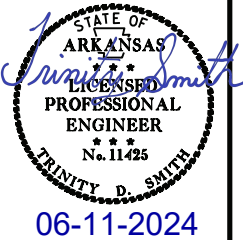
CONCRETE COMBINATION CURB AND GUTTER

STATION	STATION	LOCATION	TYPE A (1' 6")	TYPE D
			LIN. FT.	LIN. FT.
100+23	113+67	SITE 1 - HWY. 351 N. LT.	1418	
100+56	121+44	SITE 1 - HWY. 351 N. RT.	2171	
113+89	114+05	SITE 1 - HWY. 351 N. LT.	22	
114+27	126+31	SITE 1 - HWY. 351 N. LT.	1254	
121+64	141+61	SITE 1 - HWY. 351 N. RT.	2029	
126+53	130+14	SITE 1 - HWY. 351 N. LT.	393	
130+34	151+14	SITE 1 - HWY. 351 N. LT.	2096	
141+81	146+01	SITE 1 - HWY. 351 N. RT.	458	
146+25	151+14	SITE 1 - HWY. 351 N. RT.	511	
201+11	201+62	SITE 2 - HWY. 351 S. RT.	68	
201+11	207+19	SITE 2 - HWY. 351 S. LT.	673	
201+88	206+47	SITE 2 - HWY. 351 S. RT.	494	
206+73	208+36	SITE 2 - HWY. 351 S. RT.	201	
208+11	212+74	SITE 2 - PLEASANT GROVE RD. LT.	477	
209+21	212+74	SITE 2 - PLEASANT GROVE RD. RT.	417	
303+93	308+43	SITE 1 - HWY. 49 RT.	474	
303+93	311+52	SITE 1 - HWY. 49 LT.	763	
308+69	317+80	SITE 1 - HWY. 49 RT.	932	
312+22	312+47	SITE 1 - HWY. 49 RT. - EXISTING APPROACH		25
314+32	317+80	SITE 1 - HWY. 49 LT.	348	
334+50	335+31	SITE 2 - HWY. 49 LT.	80	
336+65	337+92	SITE 2 - HWY. 49 RT.	127	
TOTALS:			15406	25

CONCRETE WALKS & HAND RAILING

STATION	STATION	LOCATION	LENGTH	CONCRETE WALKS	CONCRETE WALKS (TYPE SPECIAL)	ARCHITECTURAL FINISH	TEXTURED COATING FINISH	HAND RAILING
			LIN. FT.	SQ. YD.	SQ. YD.	SQ. FT.	SQ. YD.	LIN. FT.
100+28	146+58	SITE 1 - HWY. 351 N. LT.	4007	2226				
100+60	146+61	SITE 1 - HWY. 351 N. RT.	3964	2202				
201+11	207+23	SITE 2 - HWY. 351 S. LT.	445	247				
206+20	207+02	SITE 2 - HWY. 351 S. LT.	83		46		9	
207+02	207+23	SITE 2 - HWY. 351 S. LT.	67	37				
201+11	208+33	SITE 2 - HWY. 351 S. RT.	508	282				
208+14	212+74	SITE 2 - PLEASANT GROVE RD. LT.	311	173				
209+18	209+36	SITE 2 - PLEASANT GROVE RD. RT.	61	34				
209+36	210+90	SITE 2 - PLEASANT GROVE RD. RT.	158		88	335	37	158
210+90	212+74	SITE 2 - PLEASANT GROVE RD. RT.	130	72				
303+93	317+80	SITE 1 - HWY. 49 LT.	554	308				
303+93	317+80	SITE 1 - HWY. 49 RT.	826	459				
334+50	335+31	SITE 2 - HWY. 49 LT.	79	44				
336+65	337+44	SITE 2 - HWY. 49 RT.	25	14				
TOTALS:				6098	134	335	46	158

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
06/04/2024		6	ARK.	100875	34	159
QUANTITIES						



EROSION CONTROL

STATION	STATION	LOCATION	PERMANENT EROSION CONTROL					TEMPORARY EROSION CONTROL					*SEDIMENT REMOVAL & DISPOSAL CU. YD.		
			SEEDING	LIME	MULCH COVER	WATER	SECOND SEEDING APPLICATION	SOLID SODDING	TEMPORARY SEEDING	MULCH COVER	WATER	SAND BAG DITCH CHECKS (E-5)		SILT FENCE (E-11)	FILTER SOCK (12") (E-13)
			ACRE	TON	ACRE	M.GAL.	ACRE	SQ.YD.	ACRE	ACRE	M.GAL.	BAG		LIN. FT.	LIN. FT.
100+34	151+14	CLEARING AND GRUBBING - HWY. 351 N.									1914	4443		252	
201+11	212+74	CLEARING AND GRUBBING - SITE 2									88	1273		51	
303+93	317+80	CLEARING AND GRUBBING - SITE 1-HWY. 49									110	45		7	
100+34	151+14	STAGE 1 - SITE 1	0.92	1.84	0.92	93.8	0.92		2.41	2.41	49.2	286	268	248	32
201+11	212+74	STAGE 1 - SITE 2	0.10	0.20	0.10	10.2	0.10		0.52	0.52	10.6	44		56	4
303+93	317+80	STAGE 1 - SITE 1-HWY. 49	0.09	0.18	0.09	9.2	0.09		0.47	0.47	9.6	44		60	4
100+34	151+14	STAGE 2 - SITE 1	1.22	2.44	1.22	158.1	1.22	2673	2.64	2.64	53.9	440		194	27
201+11	212+74	STAGE 2 - SITE 2	0.20	0.40	0.20	29.0	0.20	681	0.79	0.79	16.1	44		66	4
303+93	317+80	STAGE 2 - SITE 1-HWY. 49	0.17	0.34	0.17	24.3	0.17	552	0.46	0.46	9.4	44	238	86	14
*ENTIRE PROJECT TO BE USED IF AND WHERE DIRECTED BY THE ENGINEER.			0.68	1.36	0.68	69.4	0.68		1.82	1.82	37.1	754	1567	178	99
TOTALS:			3.38	6.76	3.38	394.0	3.38	3906	9.11	9.11	185.9	3768	7834	888	494

BASIS OF ESTIMATE:

LIME2 TONS / ACRE OF SEEDING
WATER.....102.0 M.G. / ACRE OF SEEDING
WATER.....20.4 M.G. / ACRE OF TEMPORARY SEEDING
SAND BAG DITCH CHECKS.....22 BAGS / LOCATION

NOTE: THE TEMPORARY EROSION CONTROL DEVICES SHOWN ABOVE AND ON THE PLANS SHALL BE INSTALLED IN SUCH A SEQUENCE AS TO DETER EROSION AND SEDIMENTATION ON U.S. WATERWAYS AS EXPLAINED BY THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT.

*QUANTITIES ESTIMATED.
SEE SECTION 104.03 OF THE STD. SPECS.

CONCRETE ISLAND

STATION	LOCATION	CURB FACE TYPE	CONCRETE ISLAND SQ.YD.
100+45	SITE 1 - HWY. 351 N. LT.	D	30
100+55	SITE 1 - HWY. 351 N. RT.	D	56
206+60	SITE 2 - HWY. 351 S. RT.	B	10
207+60	SITE 2 - HWY. 351 S. LT.	D	36
208+95	SITE 2 - PLEASANT GROVE RD. RT.	D	78
308+95	SITE 1 - HWY. 49 RT. - FORESLOPE	D	75
309+65	SITE 1 - HWY. 49 LT. - FORESLOPE	D	181
310+50	SITE 1 - HWY. 49 RT. - FORESLOPE	D	335
311+55	SITE 1 - HWY. 49 LT. - FORESLOPE	D	232
TOTAL:			1033

MAILBOXES

LOCATION	MAILBOXES	MAILBOX SUPPORTS (SINGLE)
		EACH
SITE 1 - HWY. 351 N.	1	1
SITE 2 - PLEASANT GROVE RD.	4	4
TOTALS:		5

COLD MILLING ASPHALT PAVEMENT

STATION	STATION	LOCATION	AVG. WIDTH FEET	COLD MILLING ASPHALT PAVEMENT SQ. YD.
151+14.00	153+14.00	SITE 1 - HWY. 351 N.	28.00	622.22
200+11.00	201+11.00	SITE 2 - HWY. 351 S.	22.00	244.44
212+74.00	213+74.00	SITE 2 - PLEASANT GROVE RD.	22.00	244.44
302+92.91	303+92.91	SITE 1 - HWY. 49	68.00	755.56
317+80.00	318+80.00	SITE 1 - HWY. 49	68.00	755.56
333+50.35	334+50.35	SITE 2 - HWY. 49	56.00	622.22
337+36.43	338+36.43	SITE 2 - HWY. 49	56.00	622.22
TOTAL:				3866.66

COLD MILLING SHALL BE STOCKPILED AT THE FOLLOWING LOCATION:
CRAIGHEAD COUNTY ROAD DEPARTMENT
2800 MOORE RD.
JONESBORO, AR 72401

4" PIPE UNDERDRAIN

STATION	STATION	LOCATIONS	4" PIPE UNDERDRAINS LIN. FT.
*ENTIRE PROJECT TO BE USED IF AND WHERE DIRECTED BY THE ENGINEER			4000
TOTAL:			4000

* NOTE: QUANTITY ESTIMATED.
SEE SECTION 104.03 OF THE STD. SPECS.

UNDERDRAINS SHALL BE STUBBED INTO THE PROPOSED DROP INLET IF AND WHERE DIRECTED BY THE ENGINEER. PAYMENT FOR THIS TO BE INCLUDED IN THE UNIT PRICE BID FOR 4" PIPE UNDERDRAIN.

PAVEMENT REPAIR OVER CULVERTS (ASPHALT)

STATION	LOCATION	WIDTH	LENGTH	TON
		FEET		
116+40	SITE 1 - HWY. 351 N.	8.50	28	22
127+11	SITE 1 - HWY. 351 N.	9.67	28	25
148+00	SITE 1 - HWY. 351 N.	8.50	28	22
151+00	SITE 1 - HWY. 351 N.	7.92	28	20
208+74	SITE 2 - HWY. 351 S.	7.92	50	36
TOTAL:				125

AVG. DEPTH = 15"

FENCING

STATION	STATION	LOCATION	WIRE FENCE (TYPE D-1) LIN. FT.
121+78	130+62	SITE 1 - HWY. 351 N. RT.	873
147+39	148+85	SITE 1 - HWY. 351 N. LT.	147
149+99	151+55	SITE 1 - HWY. 351 N. LT.	156
TOTAL:			1176

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
06/04/2024		6	ARK.	100875	35	159
QUANTITIES						



DRIVEWAYS & TURNOUTS

STATION	SIDE	LOCATION	WIDTH FEET	**MODIFIED CURB		PORTLAND CEMENT CONCRETE DRIVEWAY SQ. YD.	ACHM SURFACE COURSE (1/2") 220 LBS. PER SQ. YD. (PG 64-22)		AGGREGATE BASE COURSE (CLASS 7) TON	SIDE DRAINS 18" LIN. FT.	STANDARD DRAWINGS
				STATION	STATION		SQ. YD.	TON			
101+54	LT.	SITE 1 - HWY. 351 N.	40	101+20	101+88	100.00					DR-1
102+13	LT.	SITE 1 - HWY. 351 N.	30	101+84	102+42	104.17					DR-1
103+73	LT.	SITE 1 - HWY. 351 N.	30	103+44	104+02	95.07					DR-1
104+43	RT.	SITE 1 - HWY. 351 N.	26	104+16	104+70	228.19					DR-1
106+34	LT.	SITE 1 - HWY. 351 N.	16	106+12	106+56		23.73	2.61	9.69		DR-1
108+34	LT.	SITE 1 - HWY. 351 N.	16	108+12	108+56		32.87	3.62	13.42		DR-1
108+35	RT.	SITE 1 - HWY. 351 N.	40	108+01	108+69	554.64					DR-1
112+50	RT.	SITE 1 - HWY. 351 N.	20	112+26	112+74	61.11					DR-1
113+96	RT.	SITE 1 - HWY. 351 N.	24	113+70	114+22	62.67					DR-1
113+97	LT.	SITE 1 - HWY. 351 N.	60				294.66	32.41	120.32		DR-2
119+09	LT.	SITE 1 - HWY. 351 N.	16	118+87	119+31		54.15	5.96	22.11		DR-1
119+21	RT.	SITE 1 - HWY. 351 N.	18	118+98	119+44		95.10	10.46	38.83		DR-1
121+54	RT.	SITE 1 - HWY. 351 N. - HUDSON DR.	20				142.04	15.62	58.00		DR-2
126+42	LT.	SITE 1 - HWY. 351 N. - GREENSBORO RD.	22				181.36	19.95	74.06		DR-2
128+56	RT.	SITE 1 - HWY. 351 N.	16	128+34	128+78		22.22	2.44	9.07		DR-1
130+24	LT.	SITE 1 - HWY. 351 N. - LUCILLE DR.	20				124.27	13.67	50.74		DR-2
132+18	LT.	SITE 1 - HWY. 351 N.	16	131+96	132+40		89.16	9.81	36.41		DR-1
133+90	RT.	SITE 1 - HWY. 351 N.	40	133+68	134+12		59.73	6.57	24.39		DR-1
134+43	LT.	SITE 1 - HWY. 351 N.	16	134+15	134+71		24.37	2.68	9.95		DR-1
135+55	RT.	SITE 1 - HWY. 351 N.	28	135+29	135+81		70.00	7.70	28.58		DR-1
137+30	RT.	SITE 1 - HWY. 351 N.	24	137+08	137+52	23.39					DR-1
140+49	LT.	SITE 1 - HWY. 351 N.	16	140+23	140+76	64.83					DR-1
141+71	RT.	SITE 1 - HWY. 351 N. - CHESHIER LN.	25				127.97	14.08	52.25		DR-2
146+13	RT.	SITE 1 - HWY. 351 N. - PLEASANT VIEW DR.	24				211.17	23.23	86.23		DR-2
147+25	LT.	SITE 1 - HWY. 351 N.	16	147+03	147+47		111.31	12.24	45.45	34	DR-1, PCC-1, PCM-1, PCP-1, PCP-2, PCP-3
151+93	LT.	SITE 1 - HWY. 351 N.	24				97.96	10.78	40.00		DR-2
151+96	RT.	SITE 1 - HWY. 351 N.	16				73.59	8.09	30.05		DR-2
201+75	RT.	SITE 2 - HWY. 351 S. - HICKORY LN.	24				129.17	14.21	52.74		DR-2
204+82	LT.	SITE 2 - HWY. 351 S.	36	204+50	205+14		57.44	6.32	23.45		DR-1
204+87	RT.	SITE 2 - HWY. 351 S.	16	204+65	205+09		114.10	12.55	46.59		DR-1
205+56	RT.	SITE 2 - HWY. 351 S.	16	205+34	205+78		93.35	10.27	38.12		DR-1
206+60	RT.	SITE 2 - HWY. 351 S.	26				163.20	17.95	66.64		DR-2
209+61	LT.	SITE 2 - PLEASANT GROVE RD.	40	209+27	209+95		81.78	9.00	33.39		DR-1
211+11	LT.	SITE 2 - PLEASANT GROVE RD.	22	210+86	211+36		38.35	4.22	15.66		DR-1
211+73	RT.	SITE 2 - PLEASANT GROVE RD.	26	211+46	212+00		126.48	13.91	51.65		DR-1
212+45	LT.	SITE 2 - PLEASANT GROVE RD.	16	212+23	212+67	56.60					DR-1
304+93	RT.	SITE 1 - HWY. 49	24	304+67	305+19		43.97	4.84	17.95		DR-1
305+95	RT.	SITE 1 - HWY. 49	24	305+69	306+21		44.19	4.86	18.04		DR-1
307+02	LT.	SITE 1 - HWY. 49	40	306+68	307+36	154.27					DR-1
307+11	RT.	SITE 1 - HWY. 49	40	306+77	307+45		117.78	12.96	48.09		DR-1
308+56	RT.	SITE 1 - HWY. 49 - JEWELL DR.	24				140.67	15.47	57.44	50	PCC-1, PCM-1, PCP-1, PCP-2, PCP-3
308+97	LT.	SITE 1 - HWY. 49	38	308+64	309+30	120.33					DR-1
309+35	RT.	SITE 1 - HWY. 49	40	309+01	309+69		74.58	8.20	30.45		DR-1
310+40	LT.	SITE 1 - HWY. 49	40	310+06	310+74	113.69					DR-1
312+77	RT.	SITE 1 - HWY. 49	24	312+51	313+03	121.61					DR-1
313+85	RT.	SITE 1 - HWY. 49	36	313+53	314+17	230.85					DR-1
315+02	RT.	SITE 1 - HWY. 49	40	314+68	315+36	77.16					DR-1
316+41	LT.	SITE 1 - HWY. 49	40	316+07	316+75	73.42					DR-1
316+98	RT.	SITE 1 - HWY. 49	40	316+64	317+32	90.84					DR-1
337+00	RT.	SITE 2 - HWY. 49	26	336+73	337+27		75.11	8.26	30.67		DR-1
337+68	RT.	SITE 2 - HWY. 49	20	337+44	337+92		182.22	20.04	74.41		DR-1
* ENTIRE PROJECT TEMPORARY DRIVES									510.00		
TOTALS:						2332.84	3318.05	364.98	1864.84	84	

BASIS OF ESTIMATE:
ACHM SURFACE COURSE (1/2") (PG 64-22).....94.4% MIN. AGGR.....5.6% ASPHALT BINDER

THE CONTRACTOR, WITH THE APPROVAL OF THE ENGINEER, WILL BE ALLOWED TO SUBSTITUTE A HIGHER PERFORMANCE GRADE ASPHALT SURFACE COURSE FOR DRIVEWAYS AND MINOR SIDE STREET CONSTRUCTION AT NO ADDITIONAL COST TO THE DEPARTMENT.

* QUANTITY ESTIMATED
SEE SECTION 104.03 OF THE STD. SPECS.
TO BE USED F AND WHERE DIRECTED BY THE ENGINEER.

* FOR INFORMATION ONLY

NOTE: FOR R.C. PIPE CULVERT INSTALLATIONS USE TYPE 3 BEDDING UNLESS OTHERWISE SPECIFIED.
NOTE: FOR C.M. PIPE CULVERT INSTALLATIONS USE TYPE 2 BEDDING UNLESS OTHERWISE SPECIFIED.

SELECTED PIPE BEDDING

LOCATION	SELECTED PIPE BEDDING
	CU.YD.
ENTIRE PROJECT TO BE USED IF AND WHERE DIRECTED BY THE ENGINEER	820
TOTAL:	820

NOTE: QUANTITY ESTIMATED.
SEE SECTION 104.03 OF THE STD. SPECS.

ACHM PATCHING OF EXISTING ROADWAY

DESCRIPTION	TON
ENTIRE PROJECT - TO BE USED IF AND WHERE DIRECTED BY THE ENGINEER	37
TOTAL:	37

NOTE: QUANTITY ESTIMATED.
SEE SECTION 104.03 OF THE STD. SPECS.

ASPHALT CONCRETE PATCHING FOR MAINTENANCE OF TRAFFIC

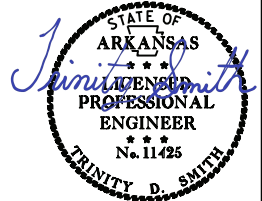
LOCATION	TON	TACK COAT
		GALLON
ENTIRE PROJECT - TO BE USED IF AND WHERE DIRECTED BY THE ENGINEER	37	74
TOTALS:	37	74

BASIS OF ESTIMATE:
ASPHALT CONCRETE PATCHING FOR MAINTENANCE OF TRAFFIC...25 TON/MILE
TACK COAT FOR MAINTENANCE OF TRAFFIC.....50 GAL./MILE

NOTE: QUANTITY ESTIMATED.
SEE SECTION 104.03 OF THE STD. SPECS.

SUMMARY OF QUANTITIES (BOX 1 OF 2)

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
06/04/2024		6	ARK.	100875	40	159
SUMMARY OF QUANTITIES						



06-11-2024

ITEM NUMBER	ITEM	QUANTITY	UNIT
201	CLEARING	24	STATION
201	GRUBBING	24	STATION
202	REMOVAL AND DISPOSAL OF CURB AND GUTTER	3090	LIN. FT.
202	REMOVAL AND DISPOSAL OF FENCE	1263	LIN. FT.
202	REMOVAL AND DISPOSAL OF RETAINING WALLS	75	LIN. FT.
202	REMOVAL AND DISPOSAL OF CONCRETE ISLANDS	282	SQ. YD.
202	REMOVAL AND DISPOSAL OF CONCRETE DRIVEWAYS	4230	SQ. YD.
202	REMOVAL AND DISPOSAL OF WALKS	45	SQ. YD.
202	REMOVAL AND DISPOSAL OF SIGN FOUNDATIONS	8	EACH
202	REMOVAL AND DISPOSAL OF JUNCTION BOXES	3	EACH
202	REMOVAL AND DISPOSAL OF DROP INLETS	2	EACH
202	REMOVAL AND DISPOSAL OF PIPE CULVERTS	35	EACH
202	REMOVAL AND DISPOSAL OF CONCRETE DITCH PAVING	136	SQ. YD.
202	REMOVAL AND DISPOSAL OF SIGNS	8	EACH
202	REMOVAL AND DISPOSAL OF PLANTERS	2	EACH
202	REMOVAL AND DISPOSAL OF FLAG POLE	3	EACH
202	REMOVAL AND DISPOSAL OF LIGHT POLE	3	EACH
SP, SS, & 210	UNCLASSIFIED EXCAVATION	5181	CU. YD.
SP & 210	COMPACTED EMBANKMENT	22901	CU. YD.
SP & 210	SOIL STABILIZATION	100	TON
SP, SS, & 303	AGGREGATE BASE COURSE (CLASS 7)	9767	TON
SP, SS, & 309	PORTLAND CEMENT CONCRETE BASE (5" UNIFORM THICKNESS)	89	SQ. YD.
SP, SS, & 309	PORTLAND CEMENT CONCRETE BASE (6" UNIFORM THICKNESS)	212	SQ. YD.
SP, SS, & 309	PORTLAND CEMENT CONCRETE BASE (8" UNIFORM THICKNESS)	645	SQ. YD.
SS & 401	TACK COAT	11810	GAL.
SP, SS, & 405	MINERAL AGGREGATE IN ACHM BASE COURSE (1 1/2")	2658	TON
SP, SS, & 405	ASPHALT BINDER (PG 64-22) IN ACHM BASE COURSE (1 1/2")	51	TON
SP, SS, & 405	ASPHALT BINDER (PG 70-22) IN ACHM BASE COURSE (1 1/2")	54	TON
SP, SS, & 406	MINERAL AGGREGATE IN ACHM BINDER COURSE (1")	9062	TON
SP, SS, & 406	ASPHALT BINDER (PG 64-22) IN ACHM BINDER COURSE (1")	382	TON
SP, SS, & 406	ASPHALT BINDER (PG 70-22) IN ACHM BINDER COURSE (1")	15	TON
SP, SS, & 407	MINERAL AGGREGATE IN ACHM SURFACE COURSE (1/2")	12939	TON
SP, SS, & 407	ASPHALT BINDER (PG 64-22) IN ACHM SURFACE COURSE (1/2")	569	TON
SP, SS, & 407	ASPHALT BINDER (PG 70-22) IN ACHM SURFACE COURSE (1/2")	198	TON
SP & 412	COLD MILLING ASPHALT PAVEMENT	3867	SQ. YD.
SP, SS, & 414	ASPHALT CONCRETE PATCHING FOR MAINTENANCE OF TRAFFIC	37	TON
SP, SS, & 415	ACHM PATCHING OF EXISTING ROADWAY	37	TON
SP, SS, & 505	PORTLAND CEMENT CONCRETE DRIVEWAY	2332.84	SQ. YD.
601	MOBILIZATION	1.00	LLMP SUM
SP & 602	FURNISHING FIELD OFFICE	1	EACH
SP, SS, & 603	MAINTENANCE OF TRAFFIC	1.00	LLMP SUM
SS & 604	SIGNS	771	SQ. FT.
SP, SS, & 604	CONSTRUCTION PROJECT INFORMATION SIGN UPDATE	25	EACH
SS & 604	TRAFFIC DRUMS	117	EACH
SS & 604	TRAFFIC CONE	190	EACH
SS & 604	FURNISHING AND INSTALLING PRECAST CONCRETE BARRIER	240	LIN. FT.
SS & 604	RELOCATING PRECAST CONCRETE BARRIER	120	LIN. FT.
604	CONSTRUCTION PAVEMENT MARKINGS	31663	LIN. FT.
604	CONSTRUCTION PAVEMENT MARKINGS (WORDS)	5	EACH
604	CONSTRUCTION PAVEMENT MARKINGS (ARROWS)	10	EACH
SP, SS, & 604	PORTABLE CHANGEABLE MESSAGE SIGN	65	WEEK
SS & 604	VERTICAL PANELS	202	EACH
SS & 605	CONCRETE DITCH PAVING (TYPE B)	154	SQ. YD.
SS & 606	18" REINFORCED CONCRETE PIPE CULVERTS (CLASS III)	360	LIN. FT.
* SS & 606	18" REINFORCED CONCRETE PIPE CULVERTS (CLASS III) (ALTERNATE NO. 1)	7360	LIN. FT.
* SS & 606	18" SMOOTH LINED POLYMER PRECOATED METALLIC COATED CORRUGATED STEEL PIPE (ALTERNATE NO. 2)	7360	LIN. FT.
SS & 606	18" REINFORCED CONCRETE PIPE CULVERTS (CLASS V)	150	LIN. FT.
SS & 606	24" REINFORCED CONCRETE PIPE CULVERTS (CLASS III)	246	LIN. FT.
* SS & 606	24" REINFORCED CONCRETE PIPE CULVERTS (CLASS III) (ALTERNATE NO. 1)	2070	LIN. FT.
* SS & 606	24" SMOOTH LINED POLYMER PRECOATED METALLIC COATED CORRUGATED STEEL PIPE (ALTERNATE NO. 2)	2070	LIN. FT.
SS & 606	24" REINFORCED CONCRETE PIPE CULVERTS (CLASS IV)	78	LIN. FT.
SS & 606	36" REINFORCED CONCRETE PIPE CULVERTS (CLASS III)	14	LIN. FT.
* SS & 606	36" REINFORCED CONCRETE PIPE CULVERTS (CLASS III) (ALTERNATE NO. 1)	34	LIN. FT.
* SS & 606	36" SMOOTH LINED POLYMER PRECOATED METALLIC COATED CORRUGATED STEEL PIPE (ALTERNATE NO. 2)	34	LIN. FT.
SS & 606	36" REINFORCED CONCRETE PIPE CULVERTS (CLASS V)	60	LIN. FT.
SS & 606	12" SIDE DRAIN	688	LIN. FT.
SP, SS, & 606	18" SIDE DRAIN	84	LIN. FT.
SS & 606	18" FLARED END SECTIONS FOR REINFORCED CONCRETE PIPE CULVERTS	14	EACH
SS & 606	24" FLARED END SECTIONS FOR REINFORCED CONCRETE PIPE CULVERTS	8	EACH
SS & 606	36" FLARED END SECTIONS FOR REINFORCED CONCRETE PIPE CULVERTS	2	EACH
SS & 606	SELECTED PIPE BEDDING	820	CU. YD.
SS & 609	DROP INLETS (TYPE MO)	83	EACH
SS & 609	DROP INLETS (TYPE SPECIAL)	1	EACH
SS & 609	JUNCTION BOXES (TYPE E)	8	EACH
SS & 609	DROP INLET EXTENSIONS (4')	29	EACH
SS & 609	DROP INLET EXTENSIONS (8')	16	EACH
SS & 609	YARD DRAINS	16	EACH
SS & 611	4" PIPE UNDERDRAINS	4000	LIN. FT.
SS & 615	PAVEMENT REPAIR OVER CULVERTS (ASPHALT)	125	TON
SS & 619	WIRE FENCE (TYPE D-1)	1176	LIN. FT.
620	LIME	7	TON
620	SEEDING	3.38	ACRE
SS & 620	MULCH COVER	12.49	ACRE
620	WATER	583.4	M. GAL.
621	TEMPORARY SEEDING	9.11	ACRE
621	SILT FENCE	7834	LIN. FT.
621	SAND BAG DITCH CHECKS	3768	BAG
621	SEDIMENT REMOVAL AND DISPOSAL	494	CU. YD.
SS & 621	FILTER SOCK (12")	888	LIN. FT.
623	SECOND SEEDING APPLICATION	3.38	ACRE
624	SOLID SODDING	4185	SQ. YD.
SP, SS, & 632	CONCRETE ISLAND	1033	SQ. YD.

* DENOTES ALTERNATE BID ITEMS.

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES (BOX 2 OF 2)

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
06/04/2024		6	ARK.	100875	41	159
SUMMARY OF QUANTITIES & REVISIONS						



06-11-2024

ITEM NUMBER	ITEM	QUANTITY	UNIT
SP, SS, & 633	CONCRETE WALKS	6098	SQ. YD.
SP, SS, & 633	CONCRETE WALKS (TYPE SPECIAL)	134	SQ. YD.
SP, SS, & 633	HAND RAILING	158	LIN. FT.
SS & 634	CONCRETE CURB (TYPE D)	25	LIN. FT.
SS & 634	CONCRETE COMBINATION CURB AND GUTTER (TYPE A) (1' 6")	15406	LIN. FT.
635	ROADWAY CONSTRUCTION CONTROL	1.00	LUMP SUM
637	MAILBOXES	5	EACH
637	MAILBOX SUPPORTS (SINGLE)	5	EACH
SP, SS, & 641	WHEELCHAIR RAMPS (TYPE 2)	21	SQ. YD.
SP, SS, & 641	WHEELCHAIR RAMPS (TYPE 3)	124	SQ. YD.
SP & 701	SYSTEM LOCAL CONTROLLER TS2-TYPE 2, E-NET (8 PHASES)	5	EACH
SP	TRAFFIC SIGNAL CONTROLLER (MODIFICATION)	1	EACH
SP	ETHERNET SWITCH, T100 HARDENED (8-PORT)	5	EACH
SP	E-NET CABLE (EXTERIOR CAT 5E)	364	LIN. FT.
SP	CELLULAR MODEM	1	EACH
SP	ANTENNA SUPPORT (SHOE BASE, 35' HT.)	1	EACH
SP	LOCAL RADIO (E-NET 5.8) WITH ANTENNA	4	EACH
SP	BATTERY BACKUP SYSTEM	1	EACH
SP & 706	TRAFFIC SIGNAL HEAD, LED, (3 SECTION, 1 WAY)	46	EACH
SP & 706	TRAFFIC SIGNAL HEAD, LED, (4 SECTION, 1 WAY)	13	EACH
SP & 706	TRAFFIC SIGNAL HEAD, LED, (5 SECTION, 1 WAY)	2	EACH
SP	RELOCATION OF TRAFFIC SIGNAL HEAD	4	EACH
SP & 707	CENTRAL CONTROL UNIT	3	EACH
SP & 707	POLE MOUNTED ASSEMBLY	15	EACH
SP & 707	COUNTDOWN PEDESTRIAN SIGNAL HEAD, LED	16	EACH
708	TRAFFIC SIGNAL CABLE (5C/12 A.W.G.)	1945	LIN. FT.
708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	5285	LIN. FT.
708	TRAFFIC SIGNAL CABLE (7C/14 A.W.G.)	2052	LIN. FT.
708	TRAFFIC SIGNAL CABLE (12C/14 A.W.G.)	480	LIN. FT.
708	TRAFFIC SIGNAL CABLE (20C/14 A.W.G.)	1549	LIN. FT.
SP	ELECTRICAL CONDUCTORS-IN-CONDUIT (1C/8 A.W.G., E.G.C.)	1974	LIN. FT.
SP	ELECTRICAL CONDUCTORS-IN-CONDUIT (1C/12 A.W.G., E.G.C.)	765	LIN. FT.
SP	ELECTRICAL CONDUCTORS-IN-CONDUIT (2C/6 A.W.G.)	267	LIN. FT.
SP	ELECTRICAL CONDUCTORS FOR LUMINAIRES	2785	LIN. FT.
709	GALVANIZED STEEL CONDUIT (2")	100	LIN. FT.
709	GALVANIZED STEEL CONDUIT (3")	140	LIN. FT.
710	NON-METALLIC CONDUIT (2")	170	LIN. FT.
710	NON-METALLIC CONDUIT (3")	1670	LIN. FT.
SS & 711	CONCRETE PULL BOX (TYPE 1)	1	EACH
SS & 711	CONCRETE PULL BOX (TYPE 2)	3	EACH
SS & 711	CONCRETE PULL BOX (TYPE 3)	1	EACH
SS & 711	CONCRETE PULL BOX (TYPE 2 HD)	11	EACH
SS & 711	CONCRETE PULL BOX (TYPE 3 HD)	4	EACH
SS & 713	SPAN WIRE ASSEMBLY	2	EACH
SS & 714	TRAFFIC SIGNAL MAST ARM AND POLE WITH FOUNDATION (30')	1	EACH
SS & 714	TRAFFIC SIGNAL MAST ARM AND POLE WITH FOUNDATION (36')	2	EACH
SS & 714	TRAFFIC SIGNAL MAST ARM AND POLE WITH FOUNDATION (38')	2	EACH
SS & 714	TRAFFIC SIGNAL MAST ARM AND POLE WITH FOUNDATION (40')	1	EACH
SS & 714	TRAFFIC SIGNAL MAST ARM AND POLE WITH FOUNDATION (42')	1	EACH
SS & 714	TRAFFIC SIGNAL MAST ARM AND POLE WITH FOUNDATION (44')	2	EACH
SS & 714	TRAFFIC SIGNAL MAST ARM AND POLE WITH FOUNDATION (48')	2	EACH
SS & 714	TRAFFIC SIGNAL MAST ARM AND POLE WITH FOUNDATION (54')	1	EACH
SP	LED LUMINAIRE ASSEMBLY	14	EACH
SS & 715	TRAFFIC SIGNAL PEDESTAL POLE WITH FOUNDATION	8	EACH
SP	SERVICE POINT ASSEMBLY (2 CIRCUITS)	3	EACH
SP	REMOVAL OF TRAFFIC SIGNAL EQUIPMENT	1.00	LUMP SUM
716	TREATED WOOD POLE (CLASS 1, 45')	2	EACH
716	TREATED WOOD POLE (CLASS 2, 45')	4	EACH
718	REFLECTORIZED PAINT PAVEMENT MARKING WHITE (10")	375	LIN. FT.
718	REFLECTORIZED PAINT PAVEMENT MARKING YELLOW (6")	550	LIN. FT.
719	THERMOPLASTIC PAVEMENT MARKING WHITE (6")	8246	LIN. FT.
719	THERMOPLASTIC PAVEMENT MARKING WHITE (8")	4135	LIN. FT.
719	THERMOPLASTIC PAVEMENT MARKING WHITE (12")	1577	LIN. FT.
719	THERMOPLASTIC PAVEMENT MARKING YELLOW (6")	14366	LIN. FT.
719	THERMOPLASTIC PAVEMENT MARKING (WORDS)	27	EACH
719	THERMOPLASTIC PAVEMENT MARKING (ARROWS)	39	EACH
SP & 719	THERMOPLASTIC PAVEMENT MARKING (YIELD LINE)	35	LIN. FT.
721	RAISED PAVEMENT MARKERS (TYPE II)	297	EACH
SP	18" STREET NAME SIGN	13	EACH
SS & 731	TEMPORARY IMPACT ATTENUATION BARRIER	1	EACH
SS & 731	TEMPORARY IMPACT ATTENUATION BARRIER (REPAIR)	1	EACH
733	VIDEO DETECTOR RELOCATION	1	EACH
SP	VIDEO DETECTOR ROTATION	1	EACH
SP & 733	VIDEO DETECTOR (IP)	28	EACH
SP & 733	VIDEO CABLE (EXTERIOR CAT 5E)	5938	LIN. FT.
SP & 733	VIDEO MONITOR (CLR)	5	EACH
SP & 733	CENTRAL CONTROL UNIT (8 CHANNEL)	8	EACH
801	UNCLASSIFIED EXCAVATION FOR STRUCTURES-ROADWAY	22	CU. YD.
SP, SS, & 802	CLASS S CONCRETE-ROADWAY	25	CU. YD.
SP	ARCHITECTURAL FINISH	335	SQ. FT.
SP	TEXTURED COATING FINISH	46	SQ. YD.
SS & 804	REINFORCING STEEL-ROADWAY (GRADE 60)	3785	POUND

REVISIONS

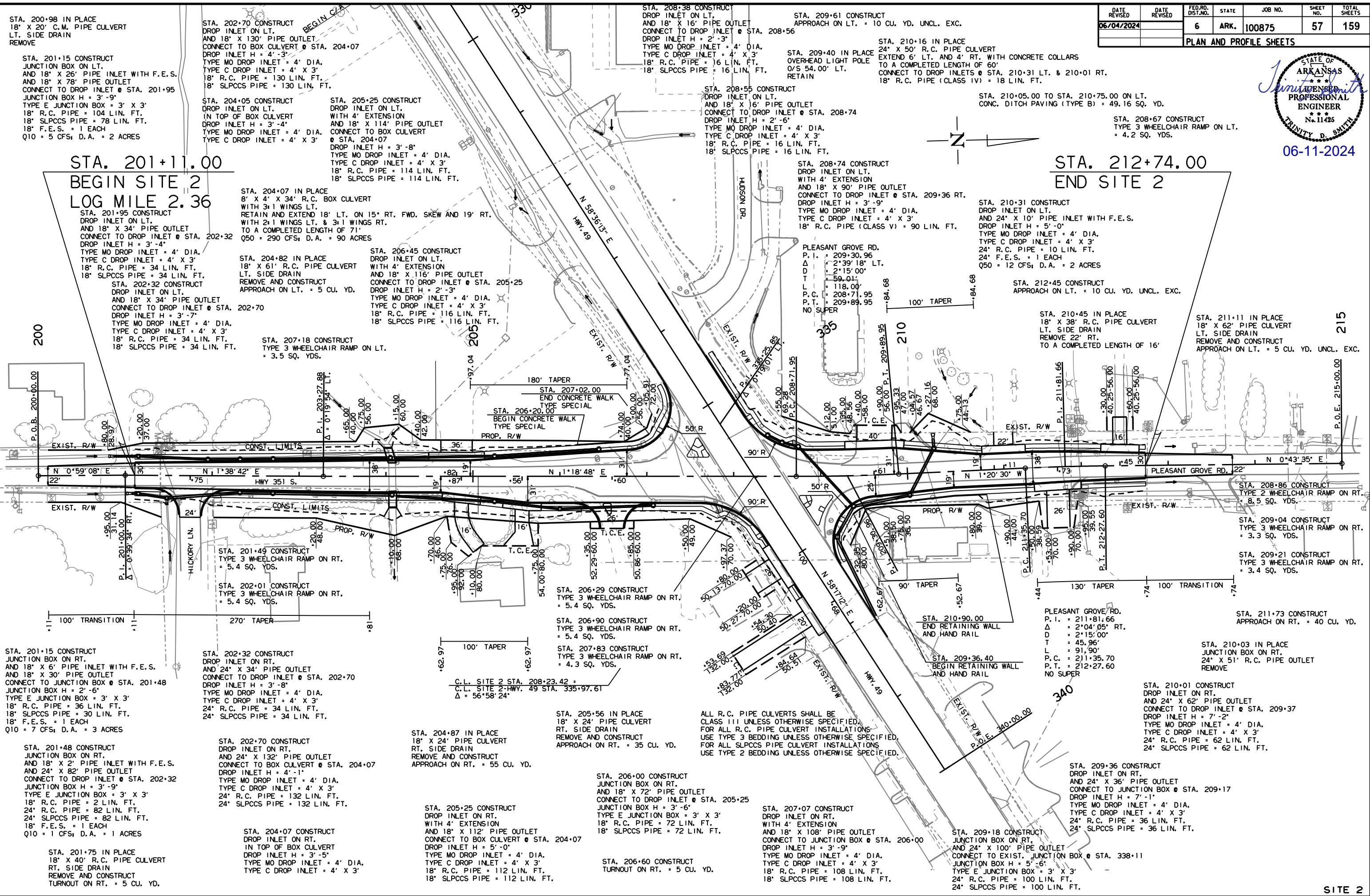
DATE	REVISION	SHEET NUMBER
6/4/2024	A DRIVEWAY WAS ADDED AT HWY. 351 S. STA. 206+60 RT. A SHARED DRIVEWAY PREVIOUSLY AT HWY. 49 STA. 337+52 RT. WAS REVISED TO TWO INDIVIDUAL DRIVEWAYS AT STA. 337+00 AND 337+68 TO SERVE THEIR RESPECTIVE TRACTS. REMOVED THE OFF-SITE RESTRAINING CONDITIONS FOR INDIANA AND NORTHERN LONG-EARED BATS, SPECIAL CLEARING REQUIREMENTS, AND SPECIAL CLEARING PUP SEASON SPECIAL PROVISIONS. ADDED THE SS-102-3 PREQUALIFICATION OF BIDDERS SUPPLEMENTAL SPECIFICATION. THE SITE USE (A+C METHOD) - CALENDAR DAY CONTRACT SPECIAL PROVISION WAS CHANGED TO THE PROSECUTION VERSION.	3, 13, 16, 19, 24, 27, 30-35, 40-41, 57, 59, 84-87, 150, & 158-159

DATE REVISED	DATE REVISION	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
06/04/2024		6	ARK.	100875	57	159

PLAN AND PROFILE SHEETS



06-11-2024



STA. 201+11.00
BEGIN SITE 2
LOG MILE 2.36

STA. 212+74.00
END SITE 2

STA. 200+98 IN PLACE
18" X 20" C.M. PIPE CULVERT
LT. SIDE DRAIN
REMOVE

STA. 201+15 CONSTRUCT
JUNCTION BOX ON LT.
AND 18" X 26" PIPE INLET WITH F.E.S.
AND 18" X 78" PIPE OUTLET
CONNECT TO DROP INLET @ STA. 201+95
JUNCTION BOX H = 3'-9"
TYPE E JUNCTION BOX = 3' X 3'
18" R.C. PIPE = 104 LIN. FT.
18" SLPPCS PIPE = 78 LIN. FT.
18" F.E.S. = 1 EACH
Q10 = 5 CFS; D.A. = 2 ACRES

STA. 202+70 CONSTRUCT
DROP INLET ON LT.
AND 18" X 130" PIPE OUTLET
CONNECT TO BOX CULVERT @ STA. 204+07
DROP INLET H = 4'-3"
TYPE MO DROP INLET = 4' DIA.
TYPE C DROP INLET = 4' X 3'
18" R.C. PIPE = 130 LIN. FT.
18" SLPPCS PIPE = 130 LIN. FT.

STA. 204+05 CONSTRUCT
DROP INLET ON LT.
IN TOP OF BOX CULVERT
DROP INLET H = 3'-4"
TYPE MO DROP INLET = 4' DIA.
TYPE C DROP INLET = 4' X 3'

STA. 205+25 CONSTRUCT
DROP INLET ON LT.
WITH 4' EXTENSION
AND 18" X 114" PIPE OUTLET
CONNECT TO BOX CULVERT
@ STA. 204+07
DROP INLET H = 3'-8"
TYPE MO DROP INLET = 4' DIA.
TYPE C DROP INLET = 4' X 3'
18" R.C. PIPE = 114 LIN. FT.
18" SLPPCS PIPE = 114 LIN. FT.

STA. 208+38 CONSTRUCT
DROP INLET ON LT.
AND 18" X 16" PIPE OUTLET
CONNECT TO DROP INLET @ STA. 208+56
DROP INLET H = 2'-3"
TYPE MO DROP INLET = 4' DIA.
TYPE C DROP INLET = 4' X 3'
18" R.C. PIPE = 16 LIN. FT.
18" SLPPCS PIPE = 16 LIN. FT.

STA. 209+61 CONSTRUCT
APPROACH ON LT. = 10 CU. YD. UNCL. EXC.

STA. 209+40 IN PLACE
OVERHEAD LIGHT POLE
O/S 54.00' LT.
RETAIN

STA. 210+16 IN PLACE
24" X 50" R.C. PIPE CULVERT
EXTEND 6' LT. AND 4' RT. WITH CONCRETE COLLARS
TO A COMPLETED LENGTH OF 60'
CONNECT TO DROP INLETS @ STA. 210+31 LT. & 210+01 RT.
18" R.C. PIPE (CLASS IV) = 18 LIN. FT.

STA. 210+05.00 TO STA. 210+75.00 ON LT.
CONC. DITCH PAVING (TYPE B) = 49.16 SQ. YD.

STA. 208+67 CONSTRUCT
TYPE 3 WHEELCHAIR RAMP ON LT.
= 4.2 SQ. YDS.

STA. 201+95 CONSTRUCT
DROP INLET ON LT.
AND 18" X 34" PIPE OUTLET
CONNECT TO DROP INLET @ STA. 202+32
DROP INLET H = 3'-4"
TYPE MO DROP INLET = 4' DIA.
TYPE C DROP INLET = 4' X 3'
18" R.C. PIPE = 34 LIN. FT.
18" SLPPCS PIPE = 34 LIN. FT.

STA. 202+32 CONSTRUCT
DROP INLET ON LT.
AND 18" X 34" PIPE OUTLET
CONNECT TO DROP INLET @ STA. 202+70
DROP INLET H = 3'-7"
TYPE MO DROP INLET = 4' DIA.
TYPE C DROP INLET = 4' X 3'
18" R.C. PIPE = 34 LIN. FT.
18" SLPPCS PIPE = 34 LIN. FT.

STA. 204+07 IN PLACE
8" X 4" X 34" R.C. BOX CULVERT
WITH 3+1 WINGS LT.
RETAIN AND EXTEND 18' LT. ON 15° RT. FWD. SKEW AND 19' RT.
WITH 2+1 WINGS LT. & 3+1 WINGS RT.
TO A COMPLETED LENGTH OF 71'
Q50 = 290 CFS; D.A. = 90 ACRES

STA. 204+82 IN PLACE
18" X 61" R.C. PIPE CULVERT
LT. SIDE DRAIN
REMOVE AND CONSTRUCT
APPROACH ON LT. = 5 CU. YD.

STA. 206+45 CONSTRUCT
DROP INLET ON LT.
WITH 4' EXTENSION
AND 18" X 116" PIPE OUTLET
CONNECT TO DROP INLET @ STA. 205+25
DROP INLET H = 2'-3"
TYPE MO DROP INLET = 4' DIA.
TYPE C DROP INLET = 4' X 3'
18" R.C. PIPE = 116 LIN. FT.
18" SLPPCS PIPE = 116 LIN. FT.

STA. 208+55 CONSTRUCT
DROP INLET ON LT.
AND 18" X 16" PIPE OUTLET
CONNECT TO DROP INLET @ STA. 208+74
DROP INLET H = 2'-6"
TYPE MO DROP INLET = 4' DIA.
TYPE C DROP INLET = 4' X 3'
18" R.C. PIPE = 16 LIN. FT.
18" SLPPCS PIPE = 16 LIN. FT.

STA. 208+74 CONSTRUCT
DROP INLET ON LT.
WITH 4' EXTENSION
AND 18" X 90" PIPE OUTLET
CONNECT TO DROP INLET @ STA. 209+36 RT.
DROP INLET H = 3'-9"
TYPE MO DROP INLET = 4' DIA.
TYPE C DROP INLET = 4' X 3'
18" R.C. PIPE (CLASS V) = 90 LIN. FT.

STA. 210+31 CONSTRUCT
DROP INLET ON LT.
AND 24" X 10" PIPE INLET WITH F.E.S.
DROP INLET H = 5'-0"
TYPE MO DROP INLET = 4' DIA.
TYPE C DROP INLET = 4' X 3'
24" F.E.S. = 1 EACH
Q50 = 12 CFS; D.A. = 2 ACRES

STA. 212+45 CONSTRUCT
APPROACH ON LT. = 10 CU. YD. UNCL. EXC.

STA. 210+45 IN PLACE
18" X 38" R.C. PIPE CULVERT
LT. SIDE DRAIN
REMOVE 22' RT.
TO A COMPLETED LENGTH OF 16'

STA. 211+11 IN PLACE
18" X 62" PIPE CULVERT
LT. SIDE DRAIN
REMOVE AND CONSTRUCT
APPROACH ON LT. = 5 CU. YD. UNCL. EXC.

STA. 201+49 CONSTRUCT
TYPE 3 WHEELCHAIR RAMP ON RT.
= 5.4 SQ. YDS.

STA. 202+01 CONSTRUCT
TYPE 3 WHEELCHAIR RAMP ON RT.
= 5.4 SQ. YDS.

STA. 207+18 CONSTRUCT
TYPE 3 WHEELCHAIR RAMP ON LT.
= 3.5 SQ. YDS.

STA. 206+02 CONSTRUCT
END CONCRETE WALK
TYPE SPECIAL

STA. 206+20 CONSTRUCT
BEGIN CONCRETE WALK
TYPE SPECIAL

STA. 206+29 CONSTRUCT
TYPE 3 WHEELCHAIR RAMP ON RT.
= 5.4 SQ. YDS.

STA. 206+90 CONSTRUCT
TYPE 3 WHEELCHAIR RAMP ON RT.
= 5.4 SQ. YDS.

STA. 207+83 CONSTRUCT
TYPE 3 WHEELCHAIR RAMP ON RT.
= 4.3 SQ. YDS.

STA. 205+56 IN PLACE
18" X 24" PIPE CULVERT
RT. SIDE DRAIN
REMOVE AND CONSTRUCT
APPROACH ON RT. = 35 CU. YD.

STA. 206+00 CONSTRUCT
JUNCTION BOX ON RT.
AND 18" X 72" PIPE OUTLET
CONNECT TO DROP INLET @ STA. 205+25
JUNCTION BOX H = 3'-6"
TYPE E JUNCTION BOX = 3' X 3'
18" R.C. PIPE = 72 LIN. FT.
18" SLPPCS PIPE = 72 LIN. FT.

STA. 207+07 CONSTRUCT
DROP INLET ON RT.
WITH 4' EXTENSION
AND 18" X 108" PIPE OUTLET
CONNECT TO JUNCTION BOX @ STA. 206+00
DROP INLET H = 3'-9"
TYPE MO DROP INLET = 4' DIA.
TYPE C DROP INLET = 4' X 3'
18" R.C. PIPE = 108 LIN. FT.
18" SLPPCS PIPE = 108 LIN. FT.

STA. 210+90 CONSTRUCT
END RETAINING WALL
AND HAND RAIL

STA. 209+36.40
BEGIN RETAINING WALL
AND HAND RAIL

STA. 208+86 CONSTRUCT
TYPE 2 WHEELCHAIR RAMP ON RT.
= 8.5 SQ. YDS.

STA. 209+04 CONSTRUCT
TYPE 3 WHEELCHAIR RAMP ON RT.
= 3.3 SQ. YDS.

STA. 209+21 CONSTRUCT
TYPE 3 WHEELCHAIR RAMP ON RT.
= 3.4 SQ. YDS.

STA. 211+73 CONSTRUCT
APPROACH ON RT. = 40 CU. YD.

STA. 201+15 CONSTRUCT
JUNCTION BOX ON RT.
AND 18" X 6" PIPE INLET WITH F.E.S.
AND 18" X 30" PIPE OUTLET
CONNECT TO JUNCTION BOX @ STA. 201+48
JUNCTION BOX H = 2'-6"
TYPE E JUNCTION BOX = 3' X 3'
18" R.C. PIPE = 36 LIN. FT.
18" SLPPCS PIPE = 30 LIN. FT.
18" F.E.S. = 1 EACH
Q10 = 7 CFS; D.A. = 3 ACRES

STA. 201+48 CONSTRUCT
JUNCTION BOX ON RT.
AND 18" X 2" PIPE INLET WITH F.E.S.
AND 24" X 82" PIPE OUTLET
CONNECT TO DROP INLET @ STA. 202+32
JUNCTION BOX H = 3'-9"
TYPE E JUNCTION BOX = 3' X 3'
18" R.C. PIPE = 2 LIN. FT.
24" R.C. PIPE = 82 LIN. FT.
24" SLPPCS PIPE = 82 LIN. FT.
18" F.E.S. = 1 EACH
Q10 = 1 CFS; D.A. = 1 ACRES

STA. 202+32 CONSTRUCT
DROP INLET ON RT.
AND 24" X 34" PIPE OUTLET
CONNECT TO DROP INLET @ STA. 202+70
DROP INLET H = 3'-8"
TYPE MO DROP INLET = 4' DIA.
TYPE C DROP INLET = 4' X 3'
24" R.C. PIPE = 34 LIN. FT.
24" SLPPCS PIPE = 34 LIN. FT.

STA. 202+70 CONSTRUCT
DROP INLET ON RT.
AND 24" X 132" PIPE OUTLET
CONNECT TO BOX CULVERT @ STA. 204+07
DROP INLET H = 4'-1"
TYPE MO DROP INLET = 4' DIA.
TYPE C DROP INLET = 4' X 3'
24" R.C. PIPE = 132 LIN. FT.
24" SLPPCS PIPE = 132 LIN. FT.

STA. 204+87 IN PLACE
18" X 24" PIPE CULVERT
RT. SIDE DRAIN
REMOVE AND CONSTRUCT
APPROACH ON RT. = 55 CU. YD.

STA. 205+25 CONSTRUCT
DROP INLET ON RT.
WITH 4' EXTENSION
AND 18" X 112" PIPE OUTLET
CONNECT TO BOX CULVERT @ STA. 204+07
DROP INLET H = 5'-0"
TYPE MO DROP INLET = 4' DIA.
TYPE C DROP INLET = 4' X 3'
18" R.C. PIPE = 112 LIN. FT.
18" SLPPCS PIPE = 112 LIN. FT.

STA. 206+60 CONSTRUCT
TURNOUT ON RT. = 5 CU. YD.

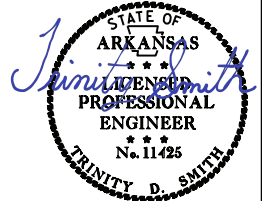
STA. 209+18 CONSTRUCT
JUNCTION BOX ON RT.
AND 24" X 100" PIPE OUTLET
CONNECT TO EXIST. JUNCTION BOX @ STA. 338+11
JUNCTION BOX H = 5'-6"
TYPE E JUNCTION BOX = 3' X 3'
24" R.C. PIPE = 100 LIN. FT.
24" SLPPCS PIPE = 100 LIN. FT.

STA. 209+36 CONSTRUCT
DROP INLET ON RT.
AND 24" X 36" PIPE OUTLET
CONNECT TO JUNCTION BOX @ STA. 209+17
DROP INLET H = 7'-1"
TYPE MO DROP INLET = 4' DIA.
TYPE C DROP INLET = 4' X 3'
24" R.C. PIPE = 36 LIN. FT.
24" SLPPCS PIPE = 36 LIN. FT.

STA. 210+01 CONSTRUCT
DROP INLET ON RT.
AND 24" X 62" PIPE OUTLET
CONNECT TO DROP INLET @ STA. 209+37
DROP INLET H = 7'-2"
TYPE MO DROP INLET = 4' DIA.
TYPE C DROP INLET = 4' X 3'
24" R.C. PIPE = 62 LIN. FT.
24" SLPPCS PIPE = 62 LIN. FT.

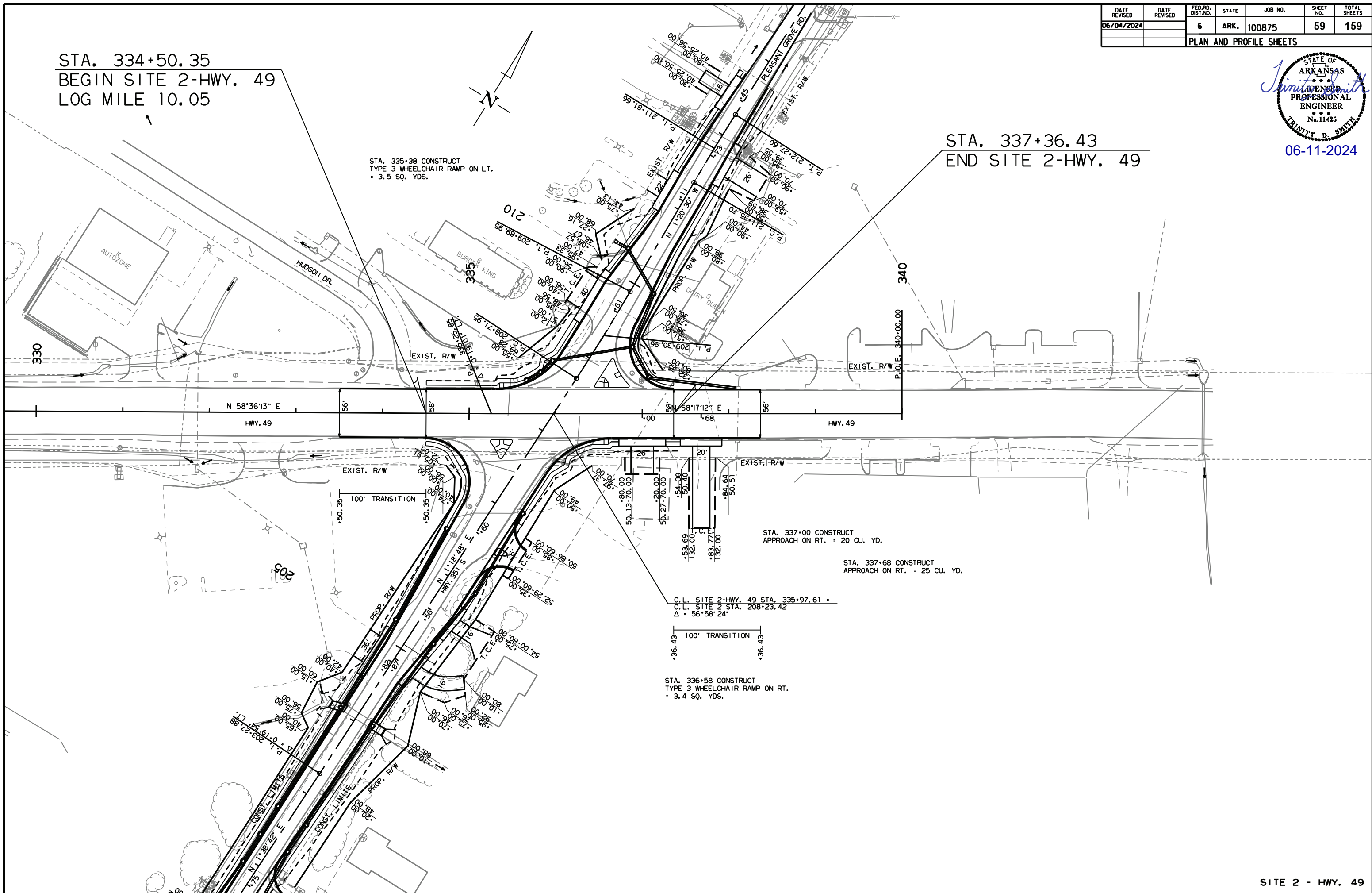
mh39735 3/16/2023 R100875.DGN

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
06/04/2024		6	ARK.	100875	59	159
PLAN AND PROFILE SHEETS						



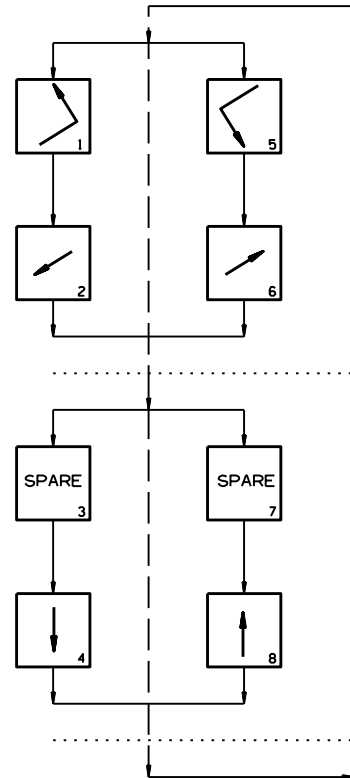
STA. 334+50.35
BEGIN SITE 2-HWY. 49
LOG MILE 10.05

STA. 337+36.43
END SITE 2-HWY. 49

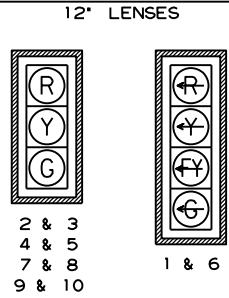


mh39735 3/16/2023 R100875.DGN

STAGES 1 AND 2 PHASING DIAGRAM



STAGES 1 AND 2 SIGNAL FACES

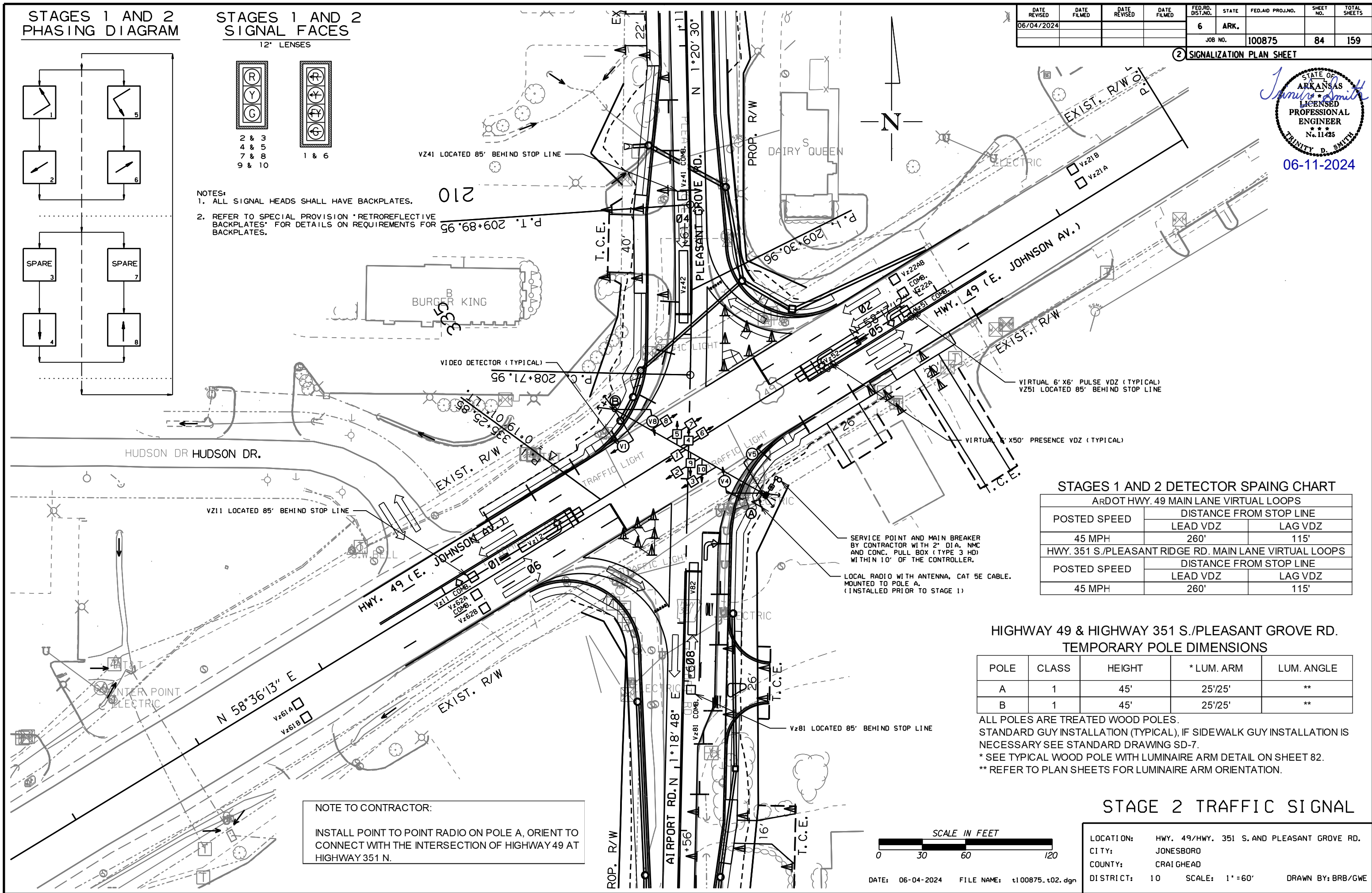


- NOTES:**
 1. ALL SIGNAL HEADS SHALL HAVE BACKPLATES.
 2. REFER TO SPECIAL PROVISION 'RETROREFLECTIVE BACKPLATES' FOR DETAILS ON REQUIREMENTS FOR BACKPLATES.

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
06/04/2024				6	ARK.		84	159
				JOB NO.		100875	84	159

2 SIGNALIZATION PLAN SHEET

STATE OF ARKANSAS
 J. Smith
 LICENSED PROFESSIONAL ENGINEER
 No. 11425
 TRINITY D. SMITH
 06-11-2024



STAGES 1 AND 2 DETECTOR SPACING CHART
 ARDOT HWY. 49 MAIN LANE VIRTUAL LOOPS

POSTED SPEED	DISTANCE FROM STOP LINE	
	LEAD VDZ	LAG VDZ
45 MPH	260'	115'

HWY. 351 S./PLEASANT RIDGE RD. MAIN LANE VIRTUAL LOOPS

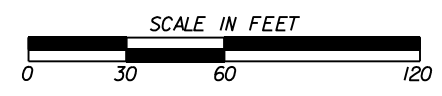
POSTED SPEED	DISTANCE FROM STOP LINE	
	LEAD VDZ	LAG VDZ
45 MPH	260'	115'

HIGHWAY 49 & HIGHWAY 351 S./PLEASANT GROVE RD. TEMPORARY POLE DIMENSIONS

POLE	CLASS	HEIGHT	* LUM. ARM	LUM. ANGLE
A	1	45'	25'/25'	**
B	1	45'	25'/25'	**

ALL POLES ARE TREATED WOOD POLES.
 STANDARD GUY INSTALLATION (TYPICAL), IF SIDEWALK GUY INSTALLATION IS NECESSARY SEE STANDARD DRAWING SD-7.
 * SEE TYPICAL WOOD POLE WITH LUMINAIRE ARM DETAIL ON SHEET 82.
 ** REFER TO PLAN SHEETS FOR LUMINAIRE ARM ORIENTATION.

NOTE TO CONTRACTOR:
 INSTALL POINT TO POINT RADIO ON POLE A, ORIENT TO CONNECT WITH THE INTERSECTION OF HIGHWAY 49 AT HIGHWAY 351 N.



STAGE 2 TRAFFIC SIGNAL

LOCATION: HWY. 49/HWY. 351 S. AND PLEASANT GROVE RD.
 CITY: JONESBORO
 COUNTY: CRAIGHEAD
 DISTRICT: 10

SCALE: 1" = 60'
 DRAWN BY: BRB/GWE

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
06/04/2024				6	ARK.		85	159
				JOB NO.		100875		

2 SIGNALIZATION PLAN SHEET



06-11-2024

NOTE TO CONTRACTOR:
TRAFFIC SIGNAL OPERATIONS SHALL BE MAINTAINED THROUGHOUT ALL CONSTRUCTION PHASES.

STAGES 1 AND 2 DESIGN PARAMETERS

POSTED SPEED LIMIT:
45 MPH EAST AND WEST APPROACH
35 MPH NORTH APPROACH
45 MPH SOUTH APPROACH

NO BUS STOPS
NO RAILROAD TRACKS
NO EXISTING INTERCONNECTIONS
NO FIRE STATION
NO PARKING
NO SIGHT DISTANCE RESTRICTIONS

LOCATION OF STOP LINES SHOWN ON PERMANENT PAVEMENT MARKING DETAILS (SEE SEPARATE SHEET).

MINIMUM CLEAR ZONE DISTANCE
4 FEET BEHIND CURB

HIGHWAY 49 & HIGHWAY 351 S./PLEASANT GROVE ROAD.
TEMPORARY POLE LOCATIONS

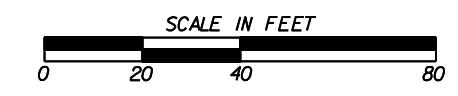
POLE	LOCATION & STATION	OFFSET	X, Y COORDINATES
A	HWY. 49 - STA. 336+23.66	55.31' RT.	1712637.03, 558686.47
B	HWY. 49 - STA. 335+66.88	47.93' LT.	1712534.45, 558744.44

STAGE 2 TRAFFIC SIGNAL

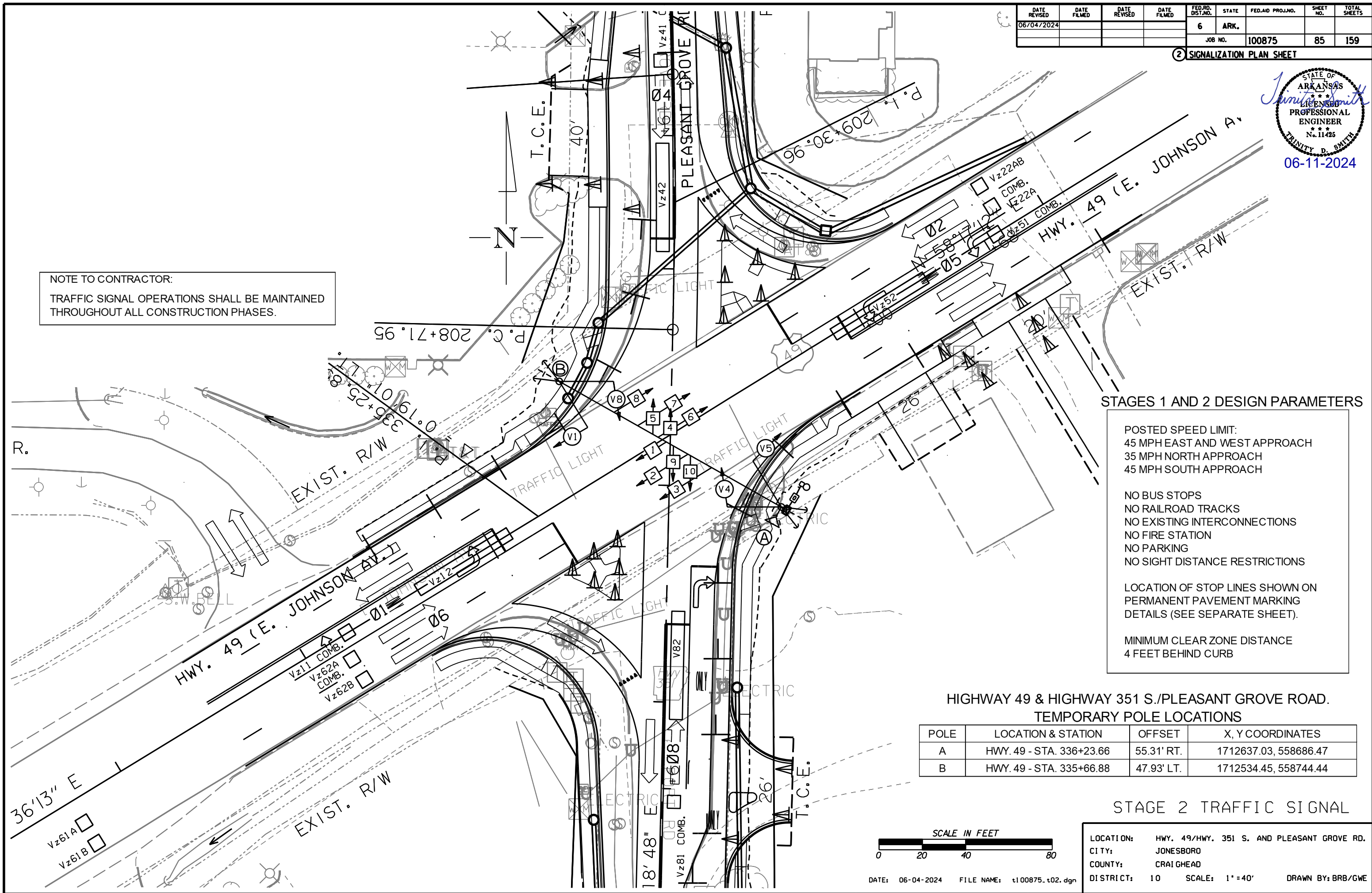
LOCATION: HWY. 49/HWY. 351 S. AND PLEASANT GROVE RD.
CITY: JONESBORO
COUNTY: CRAIGHEAD
DISTRICT: 10

SCALE: 1" = 40'

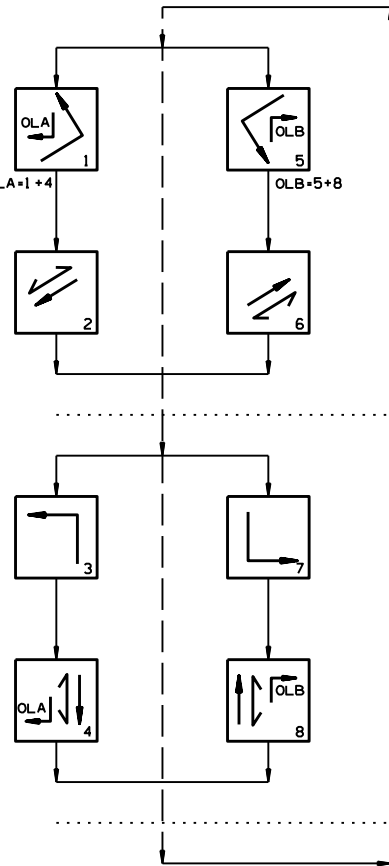
DRAWN BY: BRB/GWE



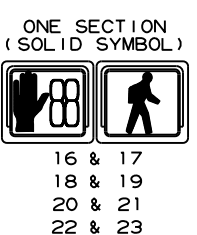
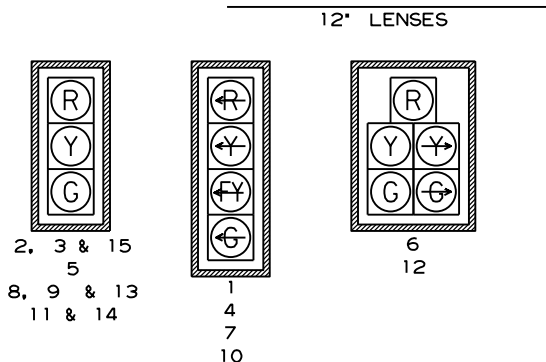
DATE: 06-04-2024 FILE NAME: t100875.t02.dgn



PHASING DIAGRAM



SIGNAL FACES



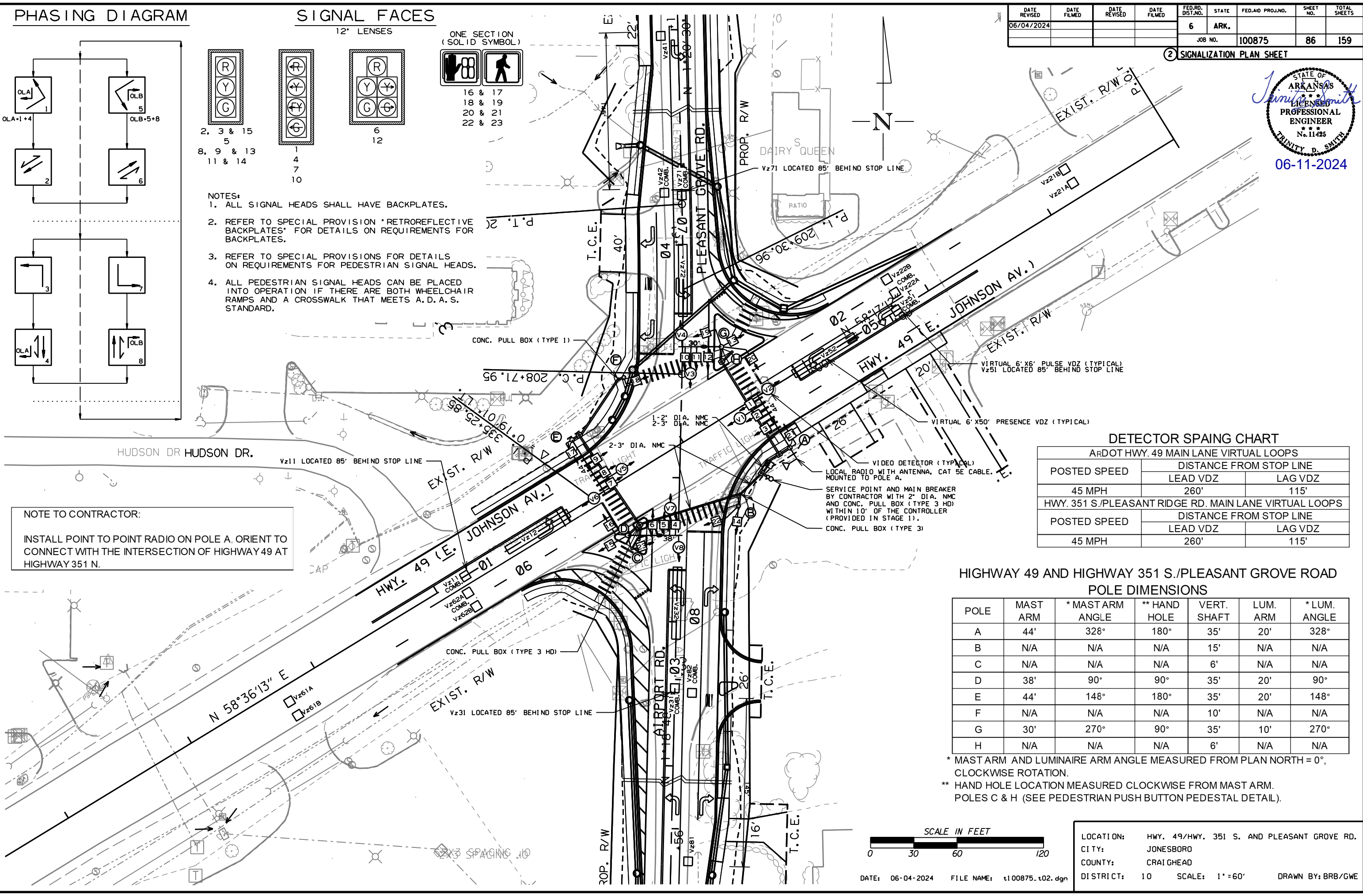
- NOTES:**
1. ALL SIGNAL HEADS SHALL HAVE BACKPLATES.
 2. REFER TO SPECIAL PROVISION "RETROREFLECTIVE BACKPLATES" FOR DETAILS ON REQUIREMENTS FOR BACKPLATES.
 3. REFER TO SPECIAL PROVISIONS FOR DETAILS ON REQUIREMENTS FOR PEDESTRIAN SIGNAL HEADS.
 4. ALL PEDESTRIAN SIGNAL HEADS CAN BE PLACED INTO OPERATION IF THERE ARE BOTH WHEELCHAIR RAMPS AND A CROSSWALK THAT MEETS A. D. A. S. STANDARD.

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
06/04/2024				6	ARK.		86	159
				JOB NO. 100875				

2 SIGNALIZATION PLAN SHEET



NOTE TO CONTRACTOR:
INSTALL POINT TO POINT RADIO ON POLE A, ORIENT TO CONNECT WITH THE INTERSECTION OF HIGHWAY 49 AT HIGHWAY 351 N.



DETECTOR SPACING CHART

ARDOT HWY. 49 MAIN LANE VIRTUAL LOOPS

POSTED SPEED	DISTANCE FROM STOP LINE	
	LEAD VDZ	LAG VDZ
45 MPH	260'	115'

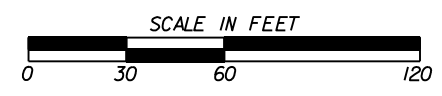
HWY. 351 S./PLEASANT RIDGE RD. MAIN LANE VIRTUAL LOOPS

POSTED SPEED	DISTANCE FROM STOP LINE	
	LEAD VDZ	LAG VDZ
45 MPH	260'	115'

HIGHWAY 49 AND HIGHWAY 351 S./PLEASANT GROVE ROAD POLE DIMENSIONS

POLE	MAST ARM	* MAST ARM ANGLE	** HAND HOLE	VERT. SHAFT	LUM. ARM	* LUM. ANGLE
A	44'	328°	180°	35'	20'	328°
B	N/A	N/A	N/A	15'	N/A	N/A
C	N/A	N/A	N/A	6'	N/A	N/A
D	38'	90°	90°	35'	20'	90°
E	44'	148°	180°	35'	20'	148°
F	N/A	N/A	N/A	10'	N/A	N/A
G	30'	270°	90°	35'	10'	270°
H	N/A	N/A	N/A	6'	N/A	N/A

* MAST ARM AND LUMINAIRE ARM ANGLE MEASURED FROM PLAN NORTH = 0°, CLOCKWISE ROTATION.
** HAND HOLE LOCATION MEASURED CLOCKWISE FROM MAST ARM.
POLES C & H (SEE PEDESTRIAN PUSH BUTTON PEDESTAL DETAIL).



HIGHWAY 49 AND HIGHWAY 351 S./PLEASANT GROVE ROAD
POLE LOCATIONS

POLE	LOCATION & STATION	OFFSET	X, Y COORDINATES
A	HWY. 49 - STA. 336+60.88	42.13' RT.	1712661.76, 558717.24
B	HWY. 49 - STA. 336+09.29	57.73' RT.	1712626.07, 558676.85
C	HWY. 49 - STA. 335+38.26	41.32' RT.	1712557.02, 558653.48
D	HWY. 49 - STA. 335+33.18	34.65' RT.	1712549.19, 558656.48
E	HWY. 49 - STA. 335+35.18	42.05' LT.	1712510.57, 558722.77
F	HWY. 49 - STA. 335+88.57	59.95' LT.	1712546.58, 558766.07
G	HWY. 49 - STA. 336+57.33	42.53' LT.	1712614.24, 558787.40
H	HWY. 49 - STA. 336+61.65	35.53' LT.	1712621.59, 558783.71

TOP OF POLE FOUNDATION ELEVATION SHALL BE THREE (3) INCHES ABOVE THE FINISHED SURFACE ELEVATION AT THE LOCATIONS SHOWN ABOVE.

TOP OF POLE FOUNDATION ELEVATION MAY BE INCREASED IN ACCORDANCE WITH STANDARD DRAWING SD-11.

POLES C & H (SEE PEDESTRIAN PUSH BUTTON PEDESTAL DETAIL).

NOTES TO CONTRACTOR:

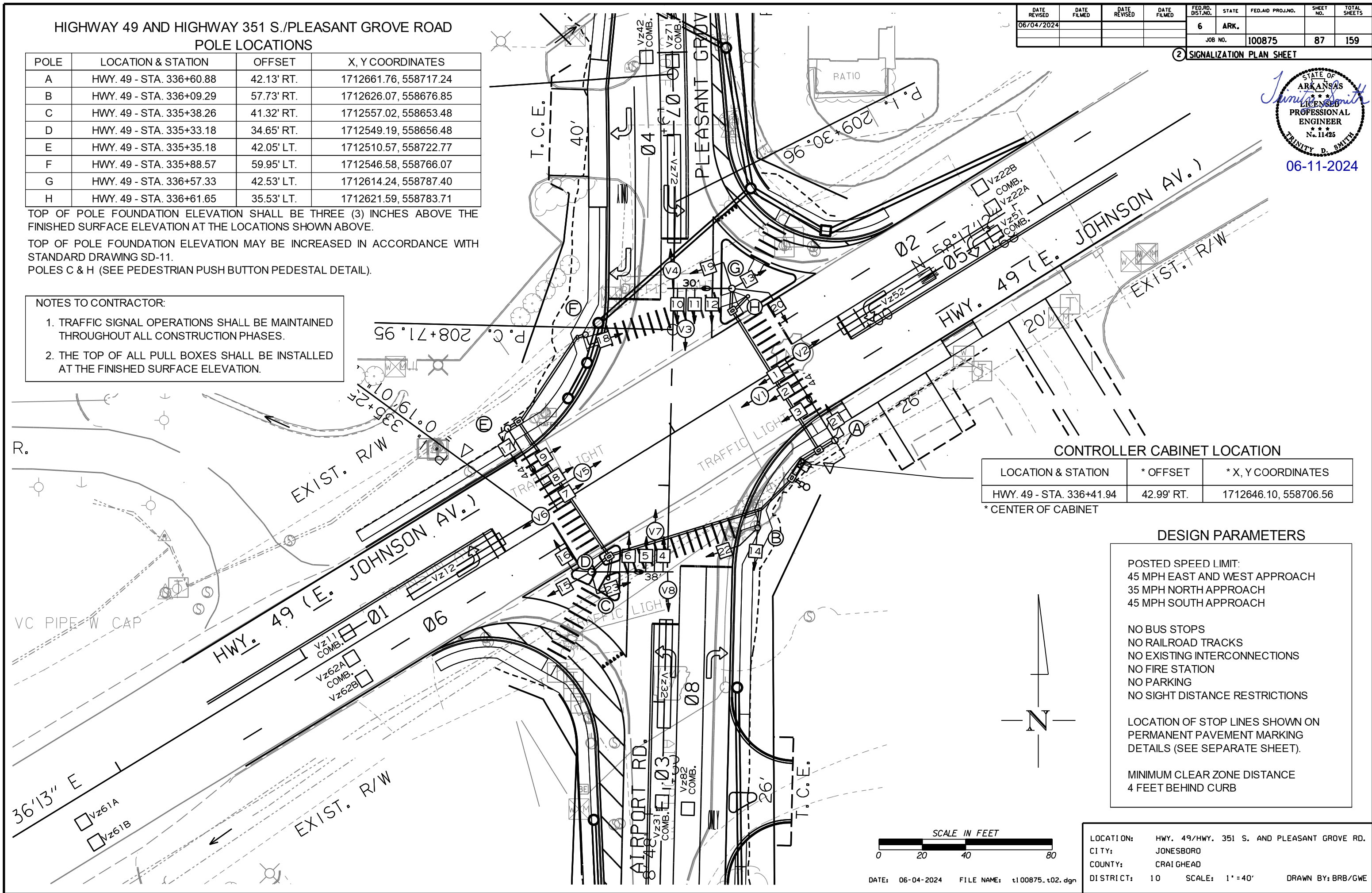
1. TRAFFIC SIGNAL OPERATIONS SHALL BE MAINTAINED THROUGHOUT ALL CONSTRUCTION PHASES.
2. THE TOP OF ALL PULL BOXES SHALL BE INSTALLED AT THE FINISHED SURFACE ELEVATION.

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
06/04/2024				6	ARK.		87	159

2 SIGNALIZATION PLAN SHEET



06-11-2024



CONTROLLER CABINET LOCATION

LOCATION & STATION	* OFFSET	* X, Y COORDINATES
HWY. 49 - STA. 336+41.94	42.99' RT.	1712646.10, 558706.56

* CENTER OF CABINET

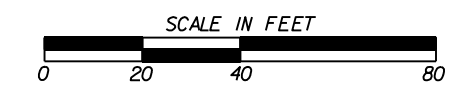
DESIGN PARAMETERS

POSTED SPEED LIMIT:
 45 MPH EAST AND WEST APPROACH
 35 MPH NORTH APPROACH
 45 MPH SOUTH APPROACH

NO BUS STOPS
 NO RAILROAD TRACKS
 NO EXISTING INTERCONNECTIONS
 NO FIRE STATION
 NO PARKING
 NO SIGHT DISTANCE RESTRICTIONS

LOCATION OF STOP LINES SHOWN ON PERMANENT PAVEMENT MARKING DETAILS (SEE SEPARATE SHEET).

MINIMUM CLEAR ZONE DISTANCE
 4 FEET BEHIND CURB

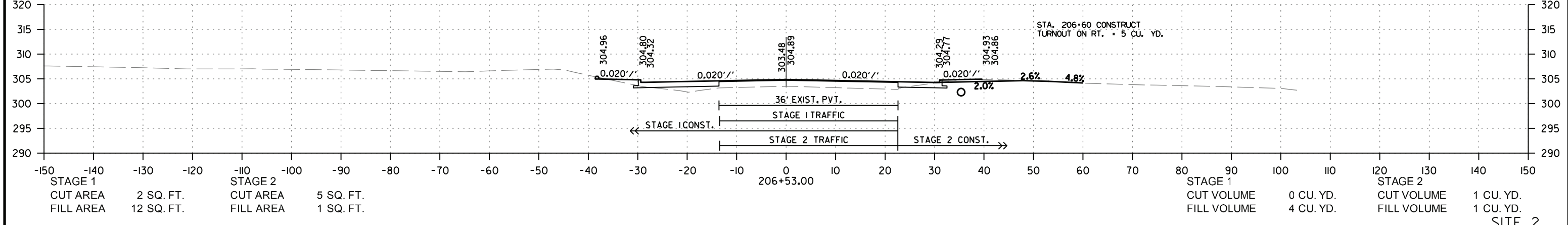
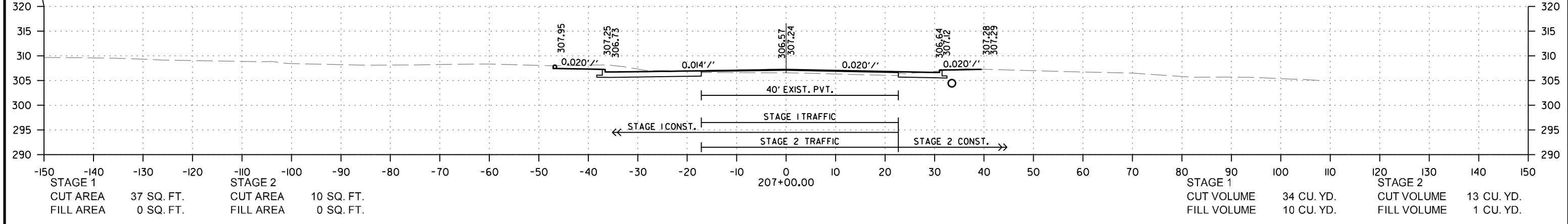
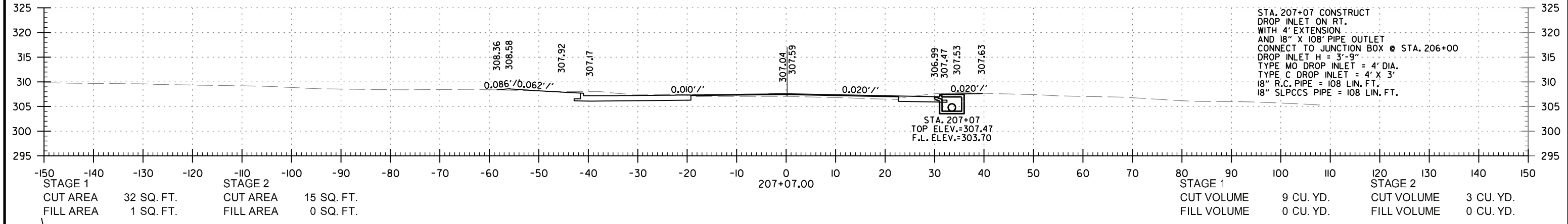
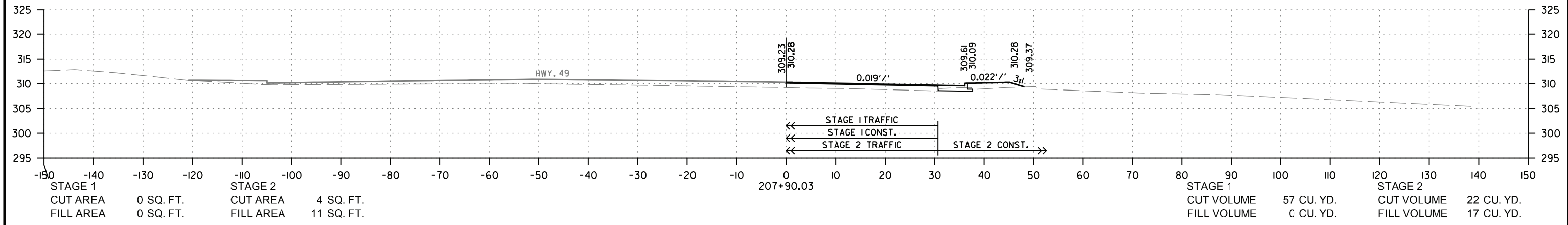


LOCATION: HWY. 49/HWY. 351 S. AND PLEASANT GROVE RD.
 CITY: JONESBORO
 COUNTY: CRAIGHEAD
 DISTRICT: 10
 SCALE: 1" = 40'
 DRAWN BY: BRB/GWE

DATE: 06-04-2024 FILE NAME: t100875.t02.dgn

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
06/04/2024		6	ARK.	100875	150	159
CROSS SECTIONS						

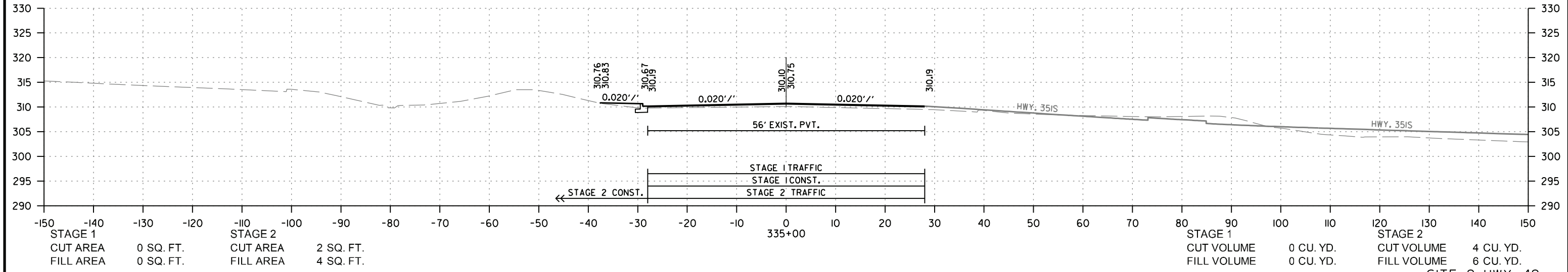
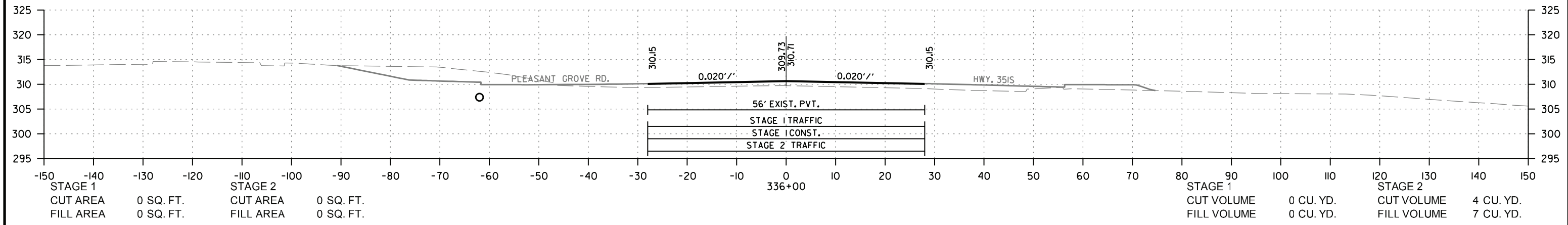
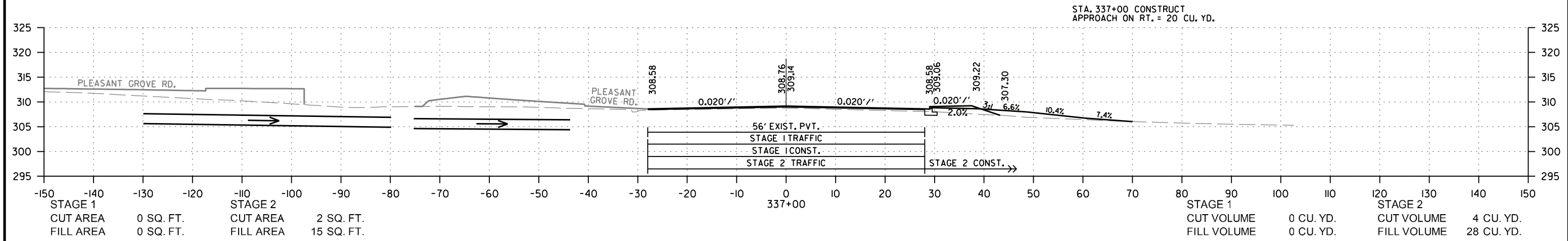
C.L. SITE 2 STA. 208+23.42 =
 C.L. SITE 2-HWY. 49 STA. 335+97.61
 $\Delta = 56^{\circ}58'24''$



SITE 2
 STA. 206+53.00 TO STA. 207+90.03

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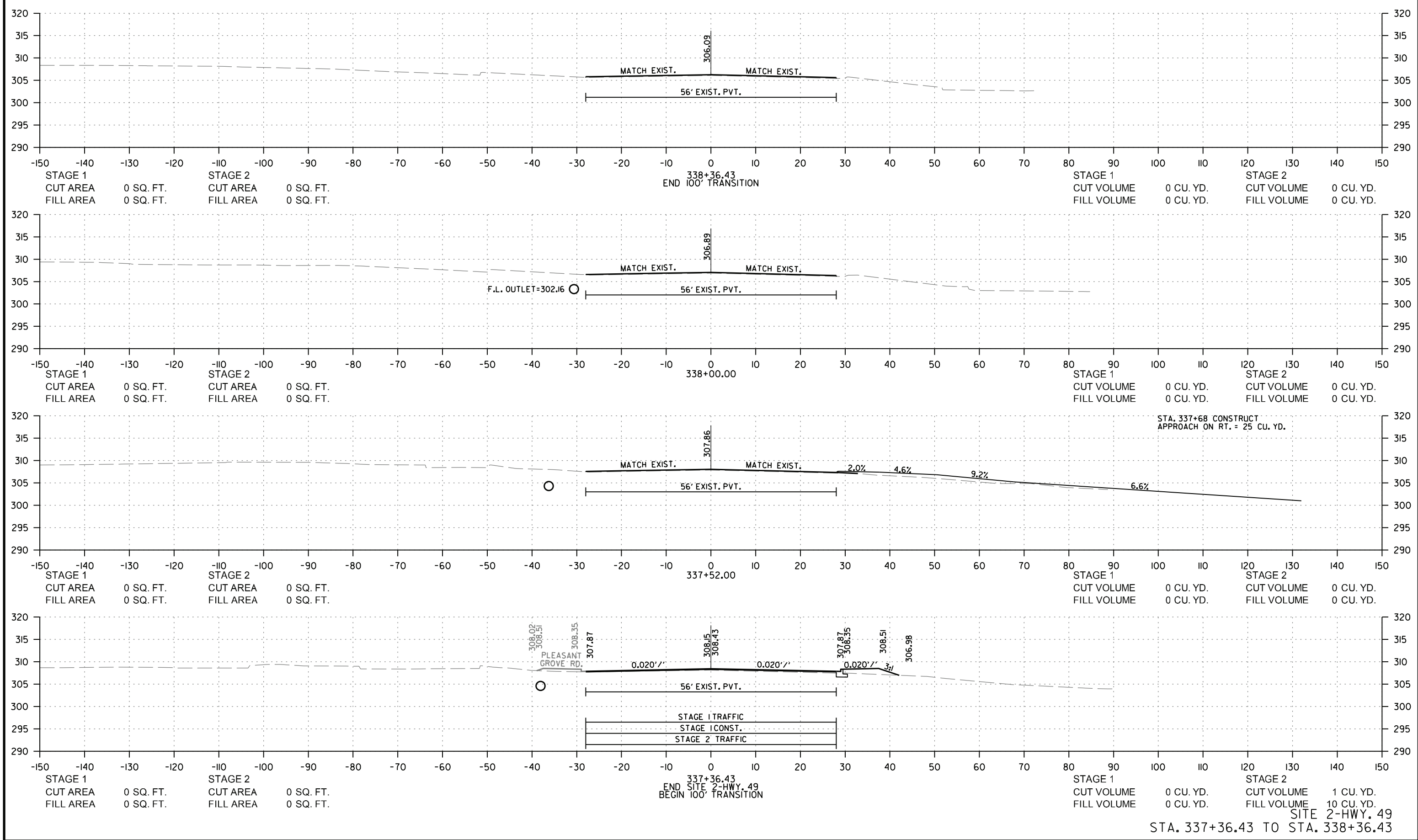
DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
06/04/2024		6	ARK.	100875	158	159
CROSS SECTIONS						



SITE 2-HWY. 49
STA. 335+00 TO STA. 337+00

3/21/2023
mh39735
R100875.DCN

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
06/04/2024		6	ARK.	100875	159	159
CROSS SECTIONS						



SITE 2-HWY. 49
STA. 337+36.43 TO STA. 338+36.43

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