

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
						JOB NO. 080506	1	49

2 CROOKED BRANCH STR. & APPRS. (S)

ARKANSAS DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLANS FOR STATE HIGHWAY

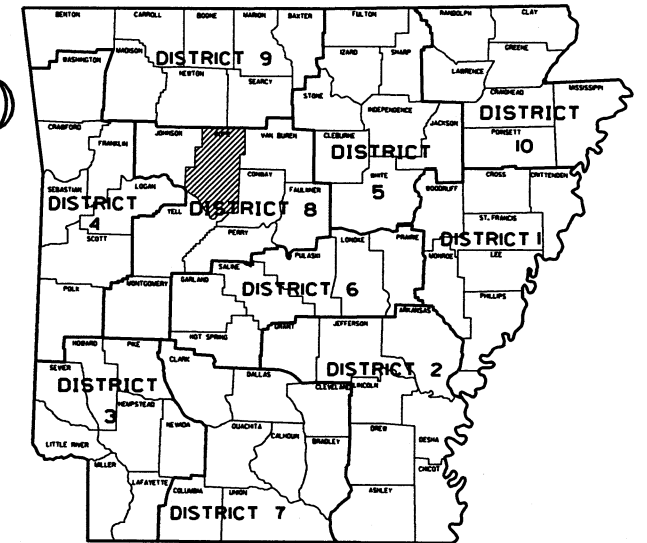
CROOKED BRANCH STR. & APPRS. (S)

POPE COUNTY
ROUTE 7 SECTION 15

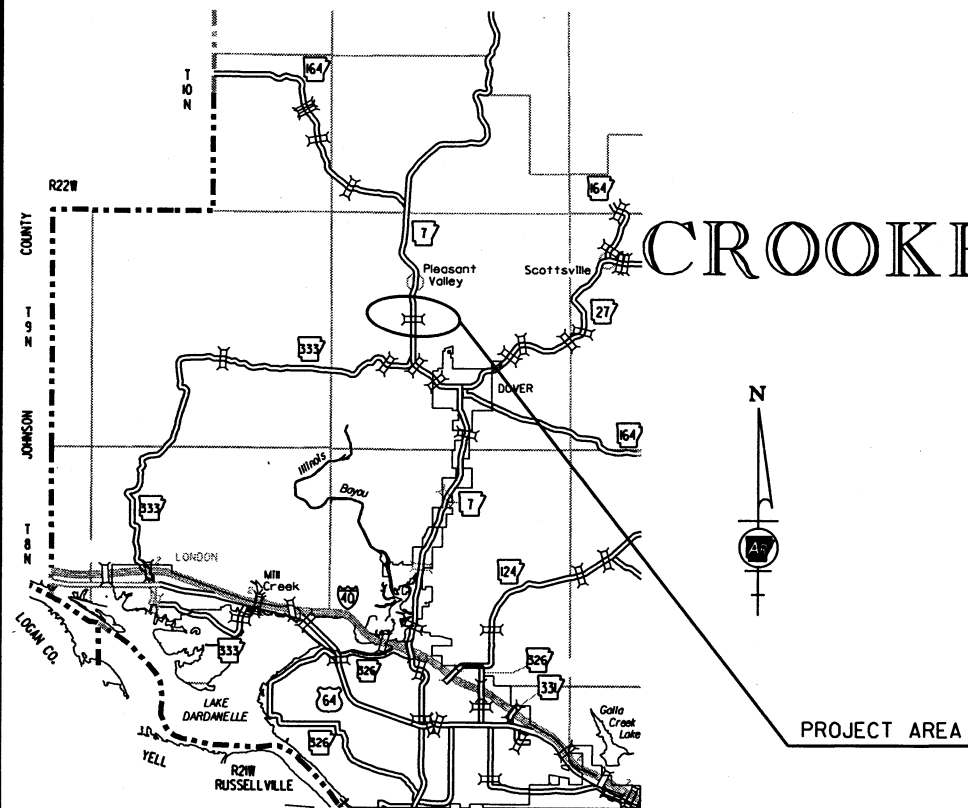
FEDERAL AID PROJ. NHPP-0058(47)

JOB 080506

NOT TO SCALE



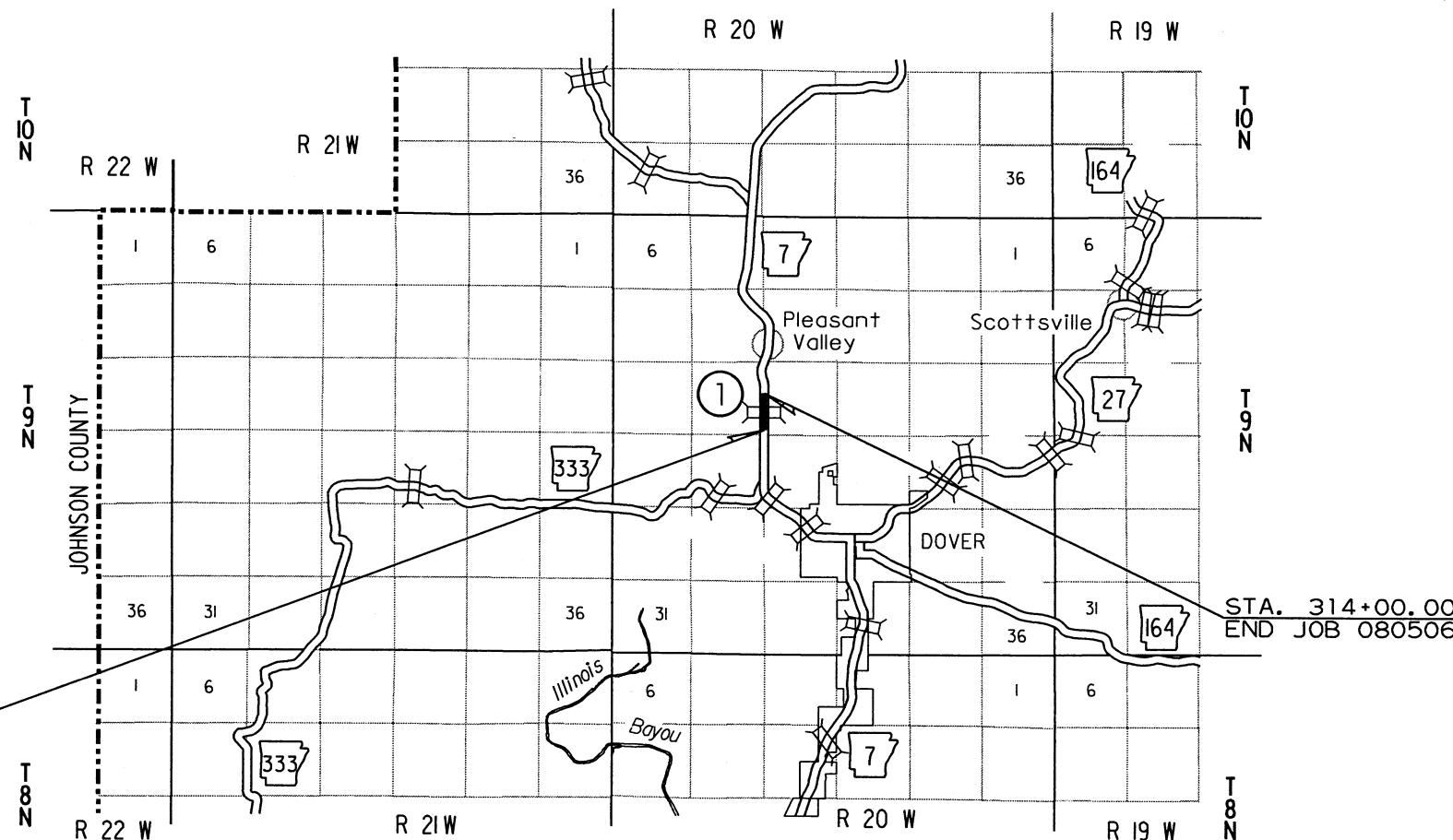
ARK. HWY. DIST. NO. 8



VICINITY MAP

BRIDGE DATA

- 1 STA. 310+32.00 BRIDGE END
- BRIDGE NO. 07428
- 99'-0" INTEGRAL W-BEAM UNIT (32' -35' -32')
- 40'-0" CLEAR ROADWAY
- 100.00' BRIDGE LENGTH
- STA. 311+32.00 BRIDGE END



STA. 309+00.00
BEGIN JOB 080506
LOG MILE 11.69

STA. 314+00.00
END JOB 080506

DESIGN TRAFFIC DATA

DESIGN YEAR	2019
2019 ADT	3800
2039 ADT	4400
2039 DHV	484
DIRECTIONAL DISTRIBUTION	0.60
TRUCKS	8%
DESIGN SPEED	55 MPH



APPROVED



1-10-19

DEPUTY DIRECTOR
AND CHIEF ENGINEER

	BEGIN PROJECT	MID-POINT OF PROJECT	END PROJECT
LATITUDE	N 35°25' 39"	N 35°25' 42"	N 35°25' 44"
LONGITUDE	W 93°08' 05"	W 93°08' 05"	W 93°08' 05"

LENGTH OF PROJECT CALCULATED ALONG C.L.

	500.00	FEET	OR		
GROSS LENGTH OF PROJECT	500.00			0.095	MILES
NET ROADWAY	400.00			0.076	MILES
NET BRIDGES	100.00			0.019	MILES
NET PROJECT	500.00			0.095	MILES

10/26/2017

R080506.DGN

INDEX OF SHEETS

SHEET NO.	TITLE	BRIDGE NO.	DRWG.NO.
1	TITLE SHEET		
2	INDEX OF SHEETS AND STANDARD DRAWINGS		
3	GOVERNING SPECIFICATIONS AND GENERAL NOTES		
4 - 5	TYPICAL SECTIONS OF IMPROVEMENT		
6	SPECIAL DETAILS		
7 - 10	TEMPORARY EROSION CONTROL DETAILS		
11 - 14	MAINTENANCE OF TRAFFIC DETAILS		
15	PERMANENT PAVEMENT MARKING DETAILS		
16 - 19	QUANTITIES		
20	SCHEDULE OF BRIDGE QUANTITIES	07428	60371
21	SUMMARY OF QUANTITIES AND REVISIONS		
22 - 24	SURVEY CONTROL DETAILS		
25	PLAN AND PROFILE SHEET		
26	DETOUR PLAN AND PROFILE SHEET		
27	LAYOUT OF BRIDGE HIGHWAY 7 OVER CROOKED BRANCH (SHEET 1 OF 2)	07428	60372
28	LAYOUT OF BRIDGE HIGHWAY 7 OVER CROOKED BRANCH (SHEET 2 OF 2)	07428	60373
29	DETAILS OF END BENTS	07428	60374
30	DETAILS OF INTERMEDIATE BENTS (SHEET 1 OF 2)	07428	60375
31	DETAILS OF INTERMEDIATE BENTS (SHEET 2 OF 2)	07428	60376
32	DETAILS OF 99' INTEGRAL W-BEAM UNIT (SHEET 1 OF 7)	07428	60377
33	DETAILS OF 99' INTEGRAL W-BEAM UNIT (SHEET 2 OF 7)	07428	60378
34	DETAILS OF 99' INTEGRAL W-BEAM UNIT (SHEET 3 OF 7)	07428	60379
35	DETAILS OF 99' INTEGRAL W-BEAM UNIT (SHEET 4 OF 7)	07428	60380
36	DETAILS OF 99' INTEGRAL W-BEAM UNIT (SHEET 5 OF 7)	07428	60381
37	DETAILS OF 99' INTEGRAL W-BEAM UNIT (SHEET 6 OF 7)	07428	60382
38	DETAILS OF 99' INTEGRAL W-BEAM UNIT (SHEET 7 OF 7)	07428	60383
39	DETAILS OF DECORATIVE CONCRETE PARAPET RAILING (SHEET 1 OF 4)	07428	60384
40	DETAILS OF DECORATIVE CONCRETE PARAPET RAILING (SHEET 2 OF 4)	07428	60385
41	DETAILS OF DECORATIVE CONCRETE PARAPET RAILING (SHEET 3 OF 4)	07428	60386
42	DETAILS OF DECORATIVE CONCRETE PARAPET RAILING (SHEET 4 OF 4)	07428	60387
43	DETAILS OF TYPE SPECIAL APPROACH GUTTERS	07428	60388
44 - 49	CROSS SECTIONS		

BRIDGE STANDARD DRAWINGS

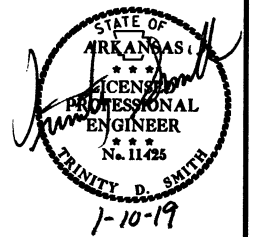
DRWG.NO.	TITLE	DATE
55000	STANDARD DETAILS FOR EMBANKMENT CONSTRUCTION AND BACKFILL AT BRIDGE ENDS	02-27-14
55001	STANDARD DETAILS FOR DUMPED RIPRAP AND FILTER BLANKET AND COMPUTING EXCAVATION FOR STRUCTURES	02-27-14
55005	STANDARD DETAILS FOR PERMANENT STEEL BRIDGE DECK FORMS FOR STEEL & CONCRETE GIRDER SPANS	03-24-16
55006	STANDARD GENERAL NOTES FOR STEEL BRIDGE STRUCTURES	09-02-15
55007	STANDARD DETAILS FOR STEEL BRIDGE STRUCTURES	02-11-16
55010	STANDARD DETAILS FOR TYPE D BRIDGE NAME PLATE	01-17-17
55020	STANDARD DETAILS FOR STEEL H-PILES AND PILE ENCASEMENTS	03-24-16
55040C1	STANDARD DETAILS FOR TYPE C1 APPROACH SLAB	02-27-14
55054	STANDARD DETAILS FOR TEMPORARY BRIDGE STRUCTURE BRIDGE END PROTECTION SYSTEM	04-17-14
55055	STANDARD DETAILS FOR TEMPORARY BRIDGE STRUCTURE PRECAST CONCRETE SPANS 24' ROADWAY WIDTH (SHEET 1 OF 2)	04-17-14
55056	STANDARD DETAILS FOR TEMPORARY BRIDGE STRUCTURE PRECAST CONCRETE SPANS 24' ROADWAY WIDTH (SHEET 2 OF 2)	04-17-14

ROADWAY STANDARD DRAWINGS

DRWG.NO.	TITLE	DATE
CDP-1	CONCRETE DITCH PAVING	12-08-16
GR-8	GUARD RAIL DETAILS	11-16-17
GR-8A	GUARD RAIL DETAILS	11-16-17
GR-9	GUARD RAIL DETAILS	04-17-08
GR-9A	GUARD RAIL DETAILS	04-17-08
GR-10	GUARD RAIL DETAILS	11-16-17
GR-11	GUARD RAIL DETAILS	11-16-17
GR-12	GUARD RAIL DETAILS	11-16-17
PCC-1	CONCRETE PIPE CULVERT FILL HEIGHTS & BEDDING	02-27-14
PCM-1	METAL PIPE CULVERT FILL HEIGHTS & BEDDING	02-27-14
PCP-1	PLASTIC PIPE CULVERT (HIGH DENSITY POLYETHYLENE)	02-27-14
PCP-2	PLASTIC PIPE CULVERT (PVC F949)	02-27-14
PM-1	PAVEMENT MARKING DETAILS	06-01-17
PU-1	DETAILS OF PIPE UNDERDRAIN	12-08-16
SE-2	TABLES AND METHOD OF SUPERELEVATION FOR TWO-WAY TRAFFIC	10-18-96
TC-1	STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION	04-13-17
TC-2	STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION	09-02-15
TC-3	STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION	09-02-15
TEC-1	TEMPORARY EROSION CONTROL DEVICES	11-16-17
TEC-2	TEMPORARY EROSION CONTROL DEVICES	06-02-94
TEC-3	TEMPORARY EROSION CONTROL DEVICES	11-03-94
WF-2	WIRE FENCE WATER GAPS	04-20-79
WF-4	WIRE FENCE TYPE C AND D	08-22-02

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				6	ARK.		2	49
							JOB NO.	080506

② INDEX OF SHEETS AND STANDARD DRAWINGS



INDEX OF SHEETS AND STANDARD DRAWINGS

12/4/2018

RO80506.DGN

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2 GOVERNING SPECIFICATIONS AND GEN. NOTES

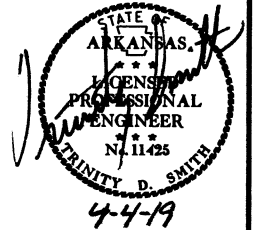
GOVERNING SPECIFICATIONS

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
108-1	LIQUIDATED DAMAGES
108-2	WORK ALLOWED PRIOR TO ISSUANCE OF WORK ORDER
110-1	PROTECTION OF WATER QUALITY AND WETLANDS
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
410-1	CONSTRUCTION REQUIREMENTS AND ACCEPTANCE OF ASPHALT CONCRETE PLANT MIX COURSES
410-2	DEVICES FOR MEASURING DENSITY FOR ROLLING PATTERNS
600-2	INCIDENTAL CONSTRUCTION
604-1	RETROREFLECTIVE SHEETING FOR TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES
605-1	CONCRETE DITCH PAVING
606-1	PIPE CULVERTS FOR SIDE DRAINS
617-1	GUARDRAIL TERMINAL (TYPE 2)
620-1	MULCH COVER
621-1	FILTER SOCKS
800-1	STRUCTURES
802-3	CONCRETE FOR STRUCTURES
804-2	REINFORCING STEEL FOR STRUCTURES
JOB 080506	ARCHITECTURAL FINISH
JOB 080506	BIDDING REQUIREMENTS AND CONDITIONS
JOB 080506	BROADBAND INTERNET SERVICE FOR ASPHALT CONCRETE PLANT
JOB 080506	BROADBAND INTERNET SERVICE FOR FIELD OFFICE
JOB 080506	CARGO PREFERENCE ACT REQUIREMENTS
JOB 080506	CLASS C FLY ASH IN PORTLAND CEMENT CONCRETE PAVEMENT AND CLASS S(AE) CONCRETE
JOB 080506	CONSTRUCTION IN SPECIAL FLOOD HAZARD AREAS
JOB 080506	DISADVANTAGED BUSINESS ENTERPRISE BIDDER'S RESPONSIBILITIES
JOB 080506	DIRECT TENSION INDICATORS FOR HIGH STRENGTH BOLT ASSEMBLIES
JOB 080506	DRINKING WATER PROTECTION
JOB 080506	GOALS FOR DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION
JOB 080506	MANDATORY ELECTRONIC CONTRACT
JOB 080506	MANDATORY ELECTRONIC DOCUMENT SUBMITTAL
JOB 080506	NESTING SITES OF MIGRATORY BIRDS
JOB 080506	OFF-SITE RESTRAINING CONDITIONS FOR INDIANA AND NORTHERN LONG-EARED BATS
JOB 080506	PLASTIC PIPE
JOB 080506	PRICE ADJUSTMENT FOR ASPHALT BINDER
JOB 080506	SETTLEMENT AGREEMENTS
JOB 080506	SOIL STABILIZATION
JOB 080506	STAINING CONCRETE SURFACES
JOB 080506	STORM WATER POLLUTION PREVENTION PLAN
JOB 080506	SUBMISSION OF ASPHALT CONCRETE HOT MIX ACCEPTANCE TEST RESULTS
JOB 080506	UTILITY ADJUSTMENTS
JOB 080506	VEGETATED BUFFER ZONE
JOB 080506	WARM MIX ASPHALT

GENERAL NOTES

- GRADE LINE DENOTES FINISHED GRADE WHERE SHOWN ON PLANS.
- ALL PIPE LINES, POWER, TELEPHONE, AND TELEGRAPH LINES TO BE MOVED OR LOWERED BY THE RESPECTIVE OWNERS AS PER AGREEMENT WITH SUCH OWNERS.
- 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.
- 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.
- ALL LAND MONUMENTS LOCATED WITHIN THE CONSTRUCTION AREA SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 107.12 OF THE STANDARD SPECIFICATIONS.
- 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 INSURE THAT ALL TREES NOT TO BE REMOVED SHALL BE HARMED AS LITTLE AS POSSIBLE DURING THE CONSTRUCTION OPERATIONS.
- 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.
- 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.
- ALL FLEXIBLE BASE AND ASPHALTIC PAVEMENTS REMOVED SHALL BE PAID FOR UNDER THE ITEM NO. 210 - UNCLASSIFIED EXCAVATION.
- 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.
- 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.

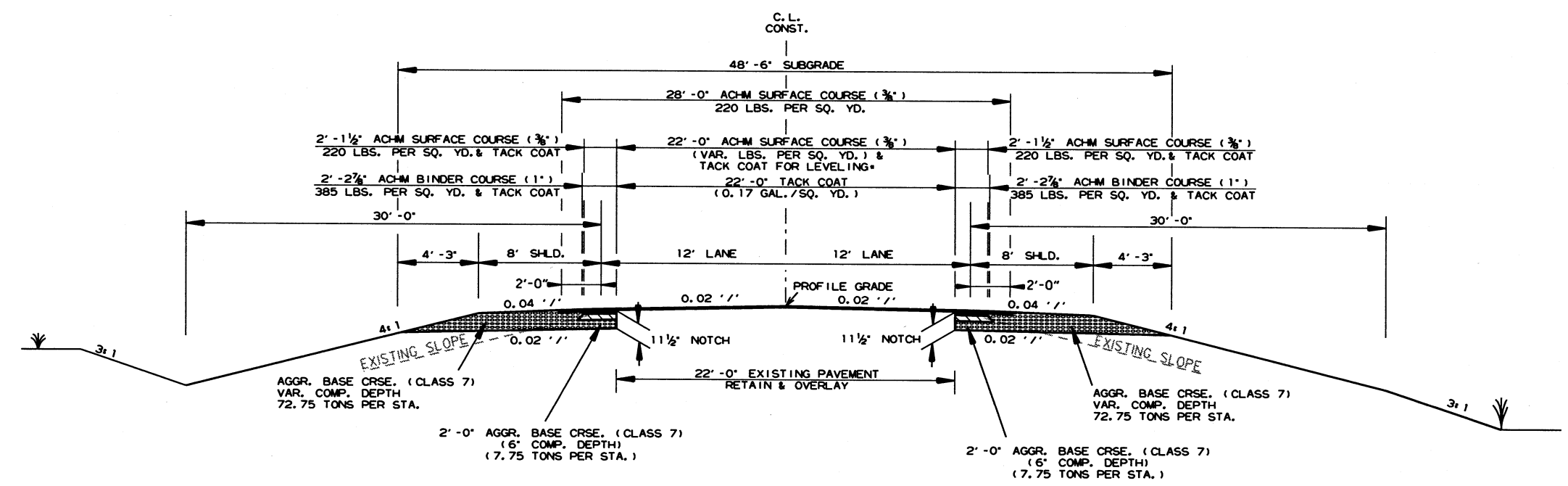
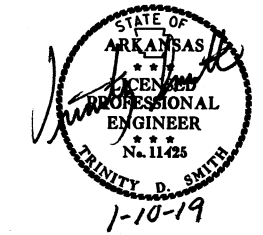


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2 TYPICAL SECTIONS OF IMPROVEMENT



HWY. 7 NOTCH AND WIDEN OPEN SHOULDER

STA. 309+00.00 - STA. 309+95.50
 STA. 311+68.50 - STA. 314+00.00

NOTES:

REFER TO CROSS SECTIONS FOR DEVIATION FROM NORMAL SLOPES. NO CHANGES SHALL BE MADE FROM THE PLANNED SLOPES WITHOUT THE APPROVAL OF THE ENGINEER.

THE THICKNESS OF AGGREGATE BASE COURSE SHALL BE WITHIN PLUS OR MINUS ONE INCH OF THE PLAN THICKNESS SHOWN. THE CONTRACTOR WILL CORRECT ANY DEFICIENT THICKNESS THAT DOES NOT MEET TOLERANCE INDICATED. PAYMENT WILL NOT BE MADE FOR MATERIAL PLACED IN EXCESS OF THE TOLERANCE INDICATED.

THE FINAL 2 INCHES OF SURFACE COURSE IS TO BE PLACED AFTER ALL OTHER COURSES HAVE BEEN LAID. LONGITUDINAL JOINTS SHALL BE AT THE LANE LINES.

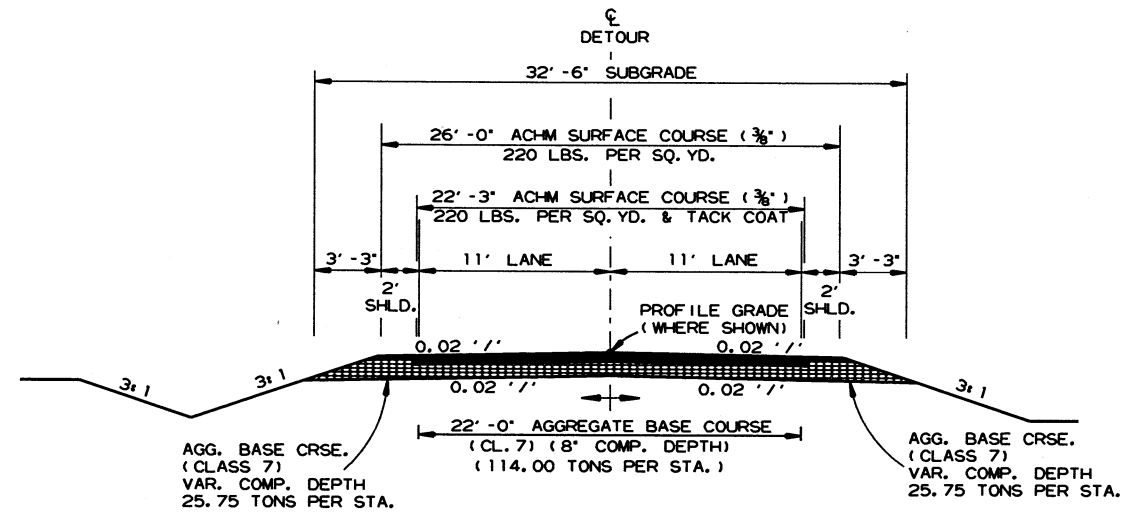
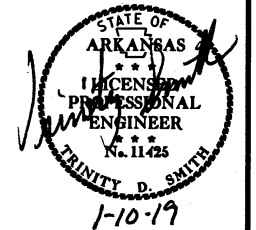
WITH THE APPROVAL OF THE ENGINEER, THE CONTRACTOR WILL BE ALLOWED TO SUBSTITUTE, AT NO ADDITIONAL COST TO THE DEPARTMENT, THE FIRST LIFT OF AC-11.5 SURFACE (3/8") IN LIEU OF AGGREGATE BASE COURSE ON THE SHOULDERS.

ASPHALT FOR LEVELING OF EXISTING PAVEMENT SHALL BE PLACED ONLY IF AND WHERE DIRECTED BY THE ENGINEER. CALCULATIONS FOR THE AMOUNT OF LEVELING AND/OR LEVELING OPERATIONS SHALL BE PERFORMED BEFORE CONSTRUCTING NOTCH AND WIDENING. CALCULATIONS WILL NOT BE PAID FOR DIRECTLY, BUT PAYMENT WILL BE CONSIDERED INCLUDED IN THE VARIOUS CONTRACT ITEMS.

12/12/2018
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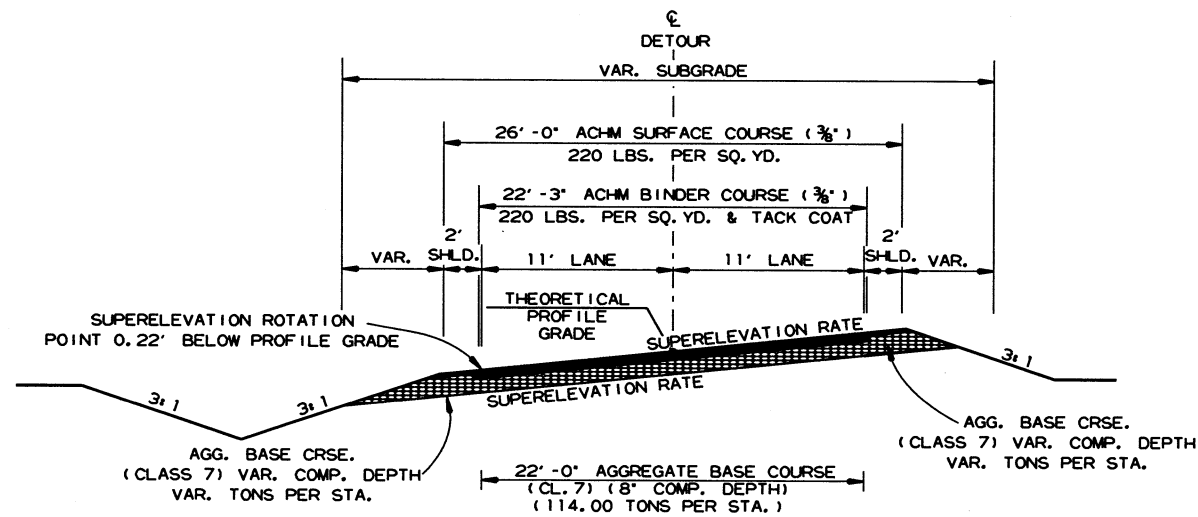


TYPICAL SECTIONS OF IMPROVEMENT DETOUR ROAD

STA. 20+00.00 TO STA. 24+30.00
STA. 25+23.00 TO STA. 29+26.32

NOTES:
REFER TO CROSS SECTIONS FOR DEVIATION FROM THE NORMAL SLOPES. NO CHANGES SHALL BE MADE FROM THE PLANNED SLOPES WITHOUT THE APPROVAL OF THE ENGINEER.

THE THICKNESS OF AGGREGATE BASE COURSE SHALL BE WITHIN PLUS OR MINUS ONE INCH OF THE PLAN THICKNESS SHOWN. THE CONTRACTOR WILL CORRECT ANY DEFICIENT THICKNESS THAT DOES NOT MEET TOLERANCE INDICATED. PAYMENT WILL NOT BE MADE FOR MATERIAL PLACED IN EXCESS OF THE TOLERANCE INDICATED.



TYPICAL SECTIONS OF IMPROVEMENT DETOUR ROAD - SUPERELEVATION

CURVES ROTATE AROUND INSIDE EDGE
STA. 22+25.00 TO STA. 23+96.30
STA. 25+58.80 TO STA. 27+11.02

TYPICAL SECTIONS OF IMPROVEMENT