

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. PROJ. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.	100819	1	88	
				HWY. 226-HWY. 412 (CABLE MEDIAN BARRIER) (S)				

"A FULLY CONTROLLED ACCESS FACILITY"
 ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT
 CONSTRUCTION PLANS FOR STATE HIGHWAY

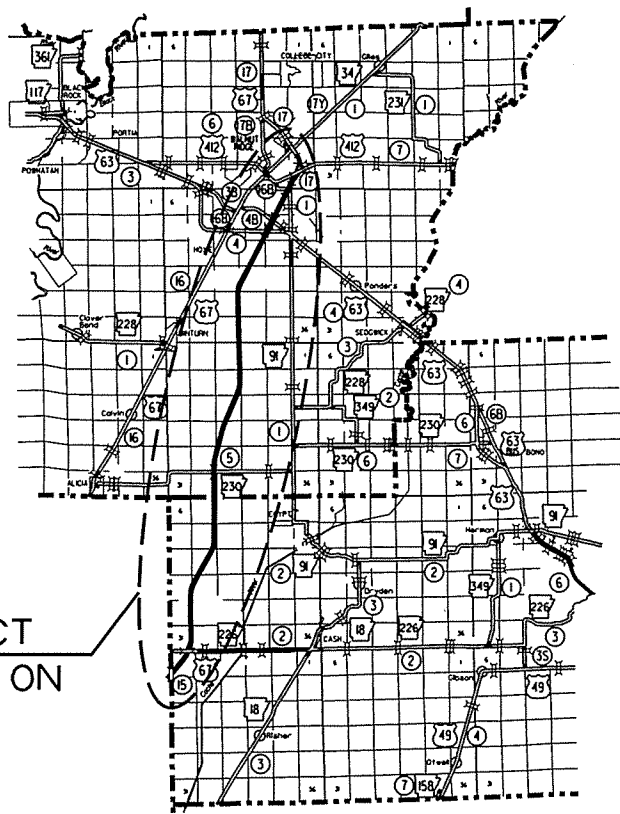
HWY. 226-HWY. 412
((CABLE MEDIAN BARRIER) (S))

CRAIGHEAD & LAWRENCE COUNTIES

ROUTE 67 SECTIONS 15 & 16

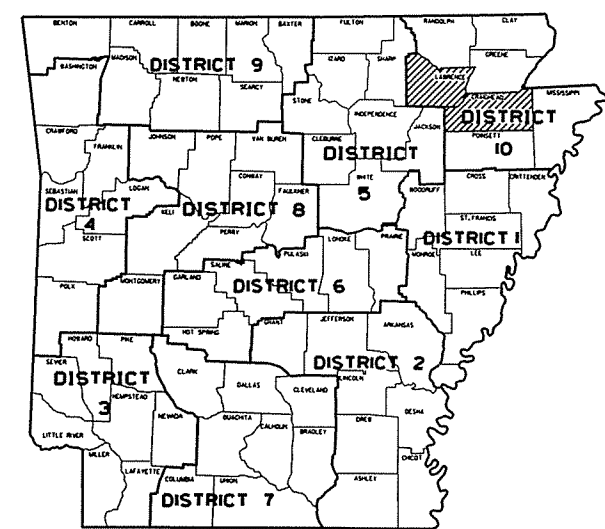
JOB 100819

FED. AID PROJ. PEN-1638(3)



PROJECT LOCATION

VICINITY MAP



ARK. HWY. DIST. NO. 10

NOT TO SCALE

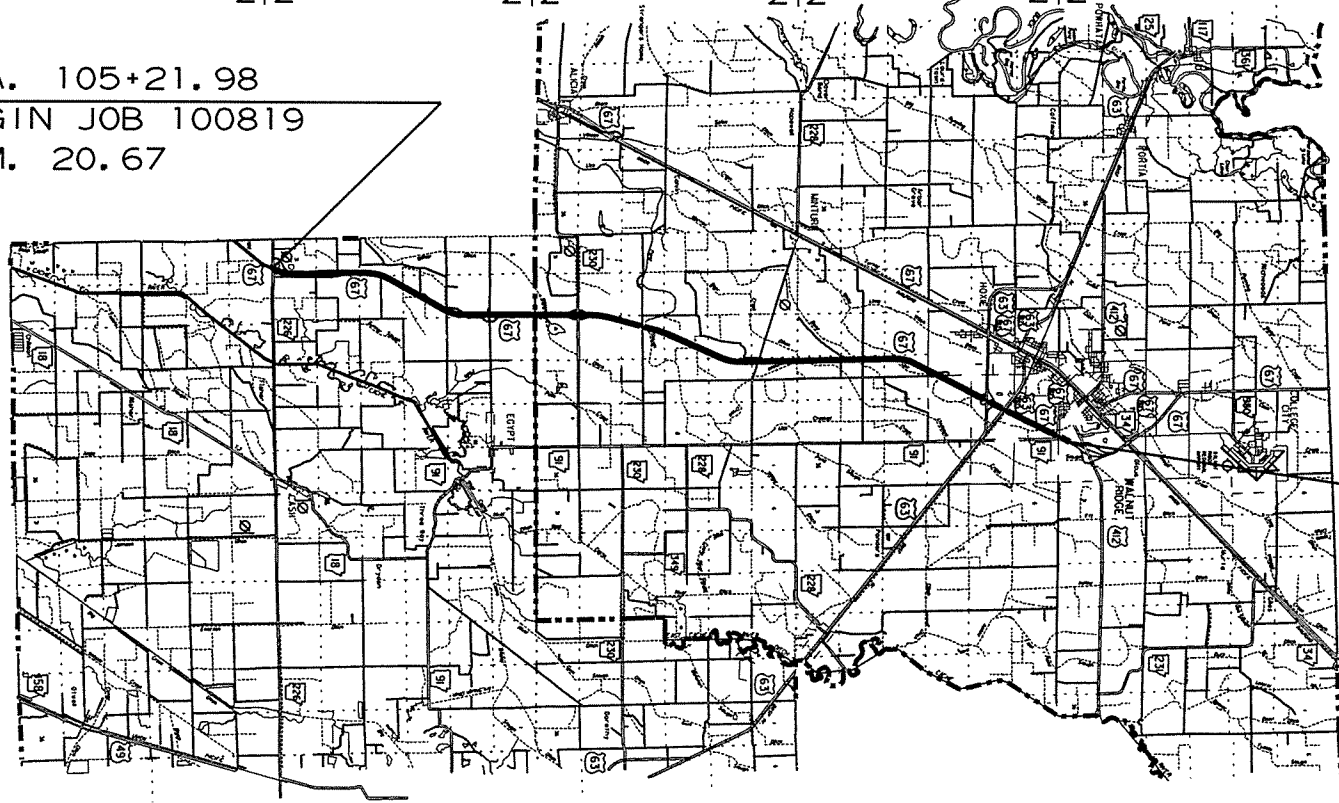
DESIGN TRAFFIC DATA

DESIGN YEAR	2036
2016 ADT	5800
2036 ADT	8000
2036 DHV	880
DIRECTIONAL DISTRIBUTION	0.60
TRUCKS	18%
DESIGN SPEED	70 MPH

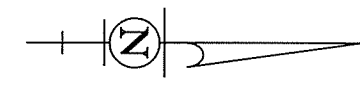
STA. 105+21.98
 BEGIN JOB 100819
 L. M. 20.67

R-1-E
 R-1-E

R-1-E
 R-2-E



STA. 1120+50.00
 END JOB 100819
 L. M. 39.90



EXCEPTIONS TO JOB 100819

STA. 300+15	- STA. 301+05	= 90'
STA. 379+40	- STA. 385+20	= 580'
STA. 433+11	- STA. 434+01	= 90'
STA. 487+96	- STA. 493+75	= 579'
STA. 568+69	- STA. 579+79	= 1110'
STA. 719+55	- STA. 726+90	= 735'
STA. 867+85	- STA. 868+75	= 90'
STA. 945+36	- STA. 951+59	= 623'
STA. 1011+44	- STA. 1019+09	= 765'
STA. 1036+40	- STA. 1045+47	= 907'
STA. 1111+16	- STA. 1116+22	= 506'

TOTAL EXCEPTIONS = 6075'

BEGINNING OF PROJECT	MID POINT OF PROJECT	END OF PROJECT
LATITUDE = N 35°47'49"	LATITUDE = N 35°54'47"	LATITUDE = N 36°03'38"
LONGITUDE = W 91°01'21"	LONGITUDE = W 90°59'47"	LONGITUDE = W 90°56'24"

GROSS LENGTH OF PROJECT	101528.02 FEET OR 19.229 MILES
NET ROADWAY	95453.02
NET BRIDGES	0.00
NET PROJECT	95453.02

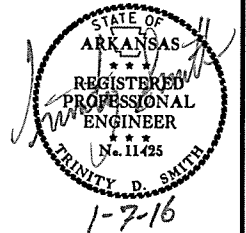
APPROVED



12-9-15
 DEPUTY DIRECTOR
 AND CHIEF ENGINEER

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② INDEX, GOV. SPECS., AND GENERAL NOTES



GOVERNING SPECIFICATIONS

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

INDEX OF SHEETS

SHEET NO.	TITLE	DRWG. NO.	DATE
1	TITLE SHEET		
2	INDEX OF SHEETS, GOVERNING SPECIFICATIONS, AND GENERAL NOTES		
3	TYPICAL SECTIONS OF IMPROVEMENT		
4 - 6	SPECIAL DETAILS		
7 - 41	TEMPORARY EROSION CONTROL DETAILS		
42 - 45	MAINTENANCE OF TRAFFIC		
46 - 47	QUANTITIES		
48	SUMMARY OF QUANTITIES AND REVISIONS		
49 - 83	PLAN SHEETS		
84	CONCRETE DITCH PAVING	CDP-1	11-17-10
85	STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION	TC-1	9-02-15
86	STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION	TC-2	9-02-15
87	STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION	TC-3	9-02-15
88	TEMPORARY EROSION CONTROL DEVICES	TEC-1	12-15-11

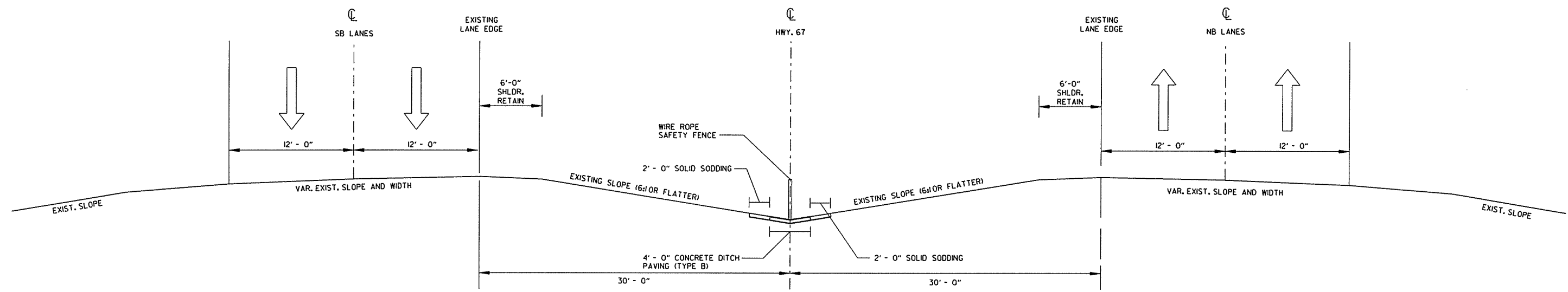
NUMBER	TITLE
ERRATA	ERRATA FOR THE BOOK OF STANDARD SPECIFICATIONS
FHWA-1273	REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS
FHWA-1273	SUPPLEMENT - EQUAL EMPLOYMENT OPPORTUNITY - NOTICE TO CONTRACTORS
FHWA-1273	SUPPLEMENT - SPECIFIC EQUAL EMPLOYMENT OPPORTUNITY RESPONSIBILITIES (23 U.S.C. 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
108-1	LIQUIDATED DAMAGES
604-1	RETROREFLECTIVE SHEETING FOR TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES
JOB 100819	BIDDING REQUIREMENTS AND CONDITIONS
JOB 100819	CARGO PREFERENCE ACT REQUIREMENT
JOB 100819	CONCRETE DITCH PAVING
JOB 100819	COORDINATION OF WORK
JOB 100819	DISADVANTAGED BUSINESS ENTERPRISE BIDDER'S RESPONSIBILITIES
JOB 100819	GOALS FOR DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION
JOB 100819	MAINTENANCE OF TRAFFIC
JOB 100819	MANDATORY ELECTRONIC CONTRACT
JOB 100819	PARTNERING REQUIREMENTS
JOB 100819	SEQUENCE OF CONSTRUCTION
JOB 100819	STORM WATER POLLUTION PREVENTION PLAN
JOB 100819	TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES
JOB 100819	UTILITY ADJUSTMENTS
JOB 100819	VALUE ENGINEERING
JOB 100819	WIRE ROPE SAFETY FENCE MAINTENANCE MATERIALS
JOB 100819	WIRE ROPE SAFETY FENCE (POST REPAIR)
JOB 100819	WIRE ROPE SAFETY FENCE (WRSF) SPECIFICATIONS
JOB 100819	WRSF TRAINING WORKSHOP

GENERAL NOTES

- 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.
- ALL LAND MONUMENTS LOCATED WITHIN THE CONSTRUCTION AREA SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 107.12 OF THE STANDARD SPECIFICATIONS.
- ANY REQUIRED EROSION CONTROL MEASURES FROM WASTING MATERIALS SHALL BE AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR TO ADJUST WRSF POSTS IN THE FIELD SO THAT THE EXISTING DRAINAGE STRUCTURES ARE AVOIDED.

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				6	ARK.			
JOB NO. 100819							3	88

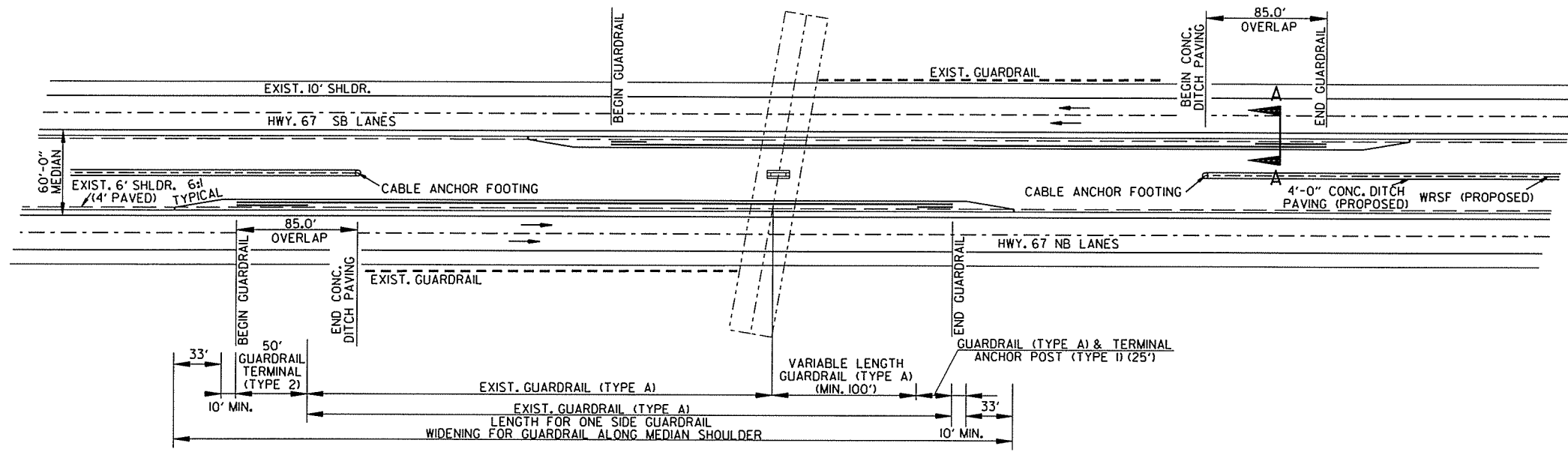
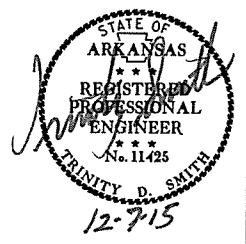
2 TYPICAL SECTIONS OF IMPROVEMENT



PROPOSED TYPICAL SECTION
WRSF IN BOTTOM OF DITCH

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							JOB NO. 100819	4 88

2 SPECIAL DETAILS

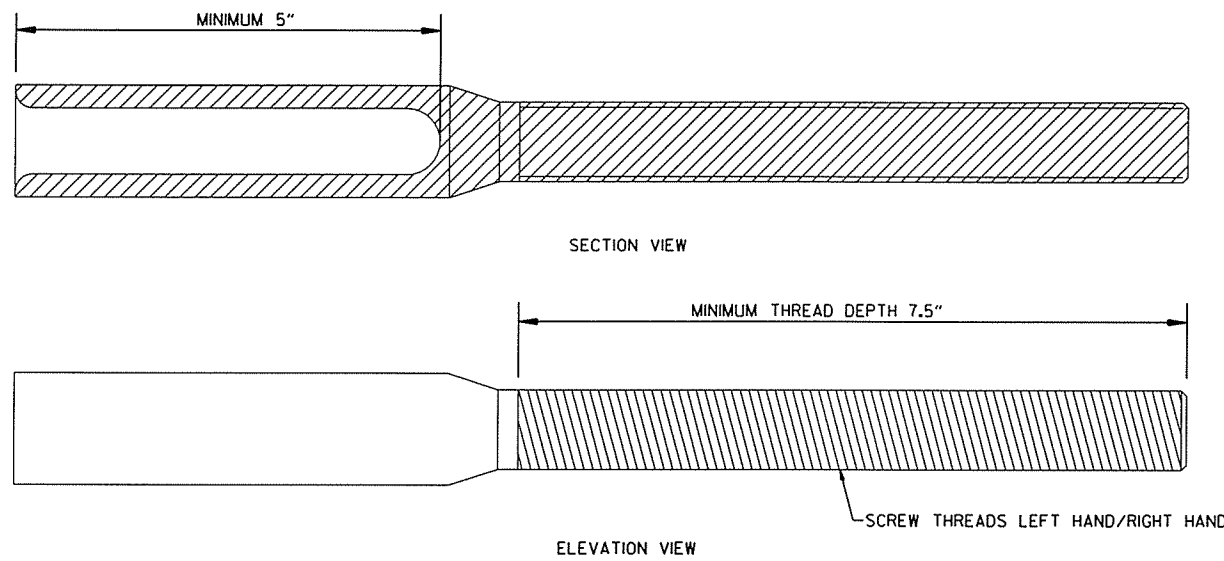
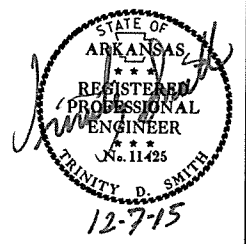


DETAIL AT OVERPASSES

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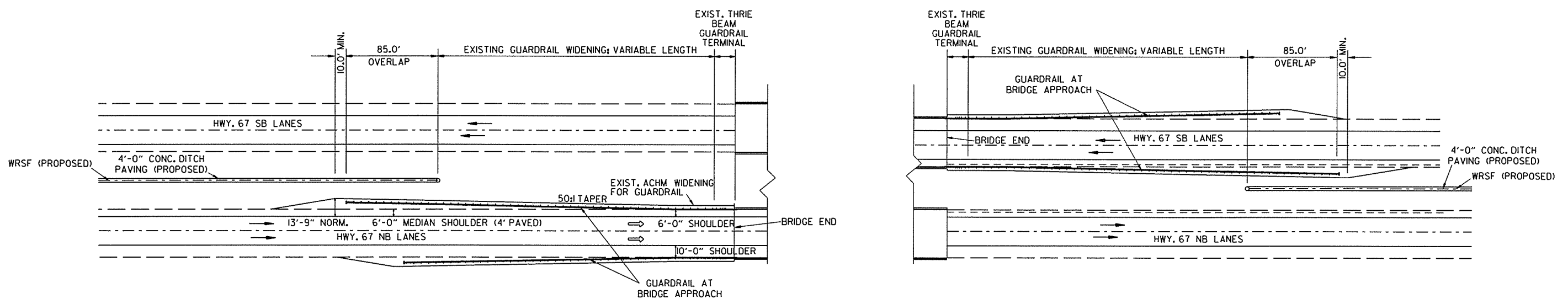
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						100819	5	88

2 SPECIAL DETAILS



NOTE:
REFER TO "WIRE ROPE SAFETY FENCE (WRSF) SPECIFICATIONS" SPECIAL PROVISION FOR ADDITIONAL REQUIREMENTS.

THREADED TERMINAL DETAIL



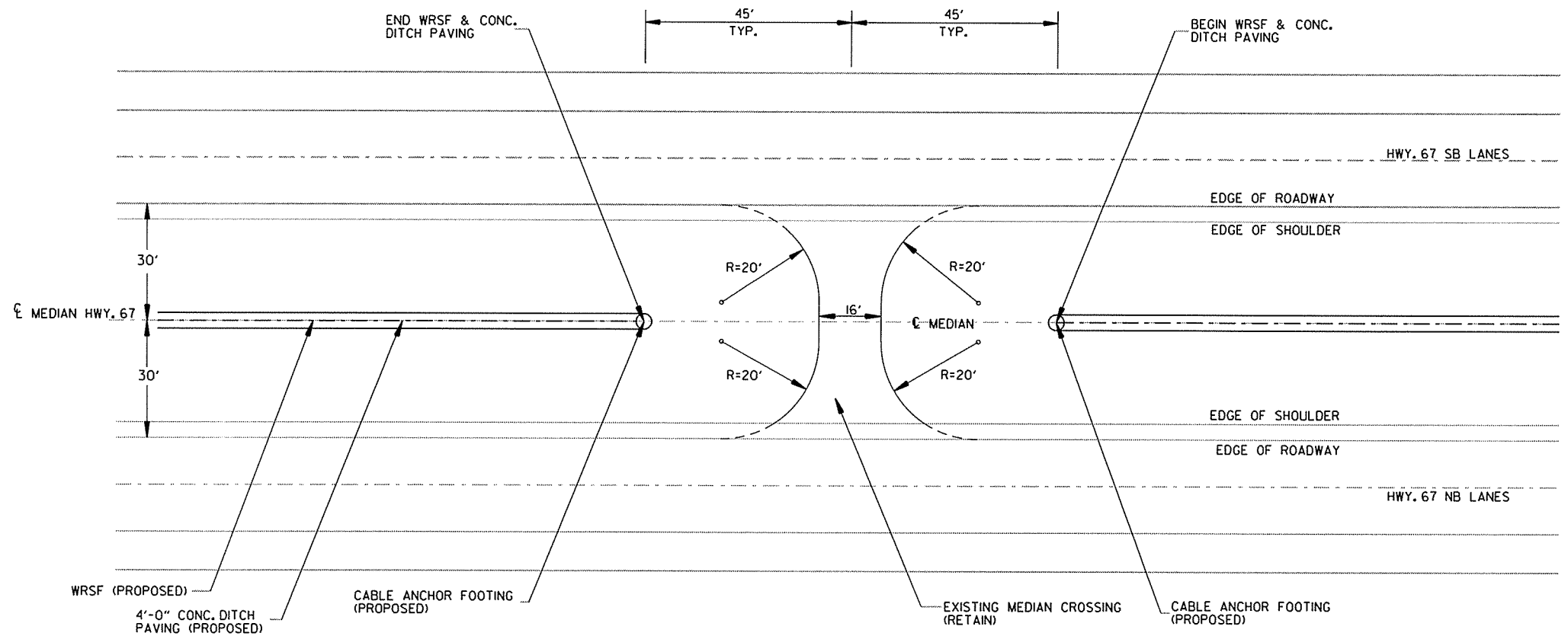
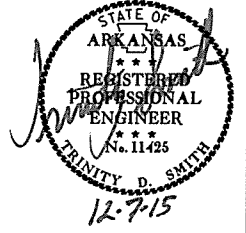
DETAIL OF WIRE ROPE SAFETY FENCE AT EXISTING BRIDGE ENDS

REFER TO PLANS FOR RELATIVE PLACEMENT OF GUARDRAIL AND WIRE ROPE SAFETY FENCE AT EACH BRIDGE END.

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② SPECIAL DETAILS

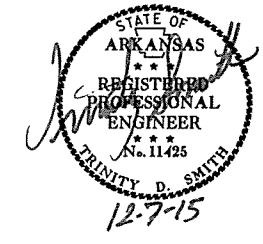


DETAIL AT EXIST. MEDIAN CROSSINGS

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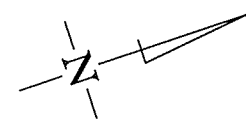
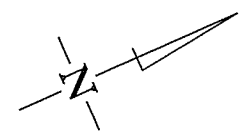
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				JOB NO. 100819				

2 TEMPORARY EROSION CONTROL DETAILS



STA. 105+21.98
BEGIN JOB 100819
L.M. 20.67

STA. 105+22
BEGIN WRSF



LEGEND

(E-5) SAND BAG DITCH CHECKS

(E-7) DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.

PI = 123+57.08
Δ = 22°50'32" LT.
D = 1°30'00"
T = 771.65'
L = 1522.81'
PC = 115+85.43
PT = 131+08.24

REVISIONS

DATE OF REVISION	REVISION

POB 100+00.00

100

105

N 24°06'53" E

110

(E-5)

(E-7)

(E-5)

115

N 24°06'53" E

P.C. 115+85.43

115
N 24°06'53" E

120

(E-5)

(E-7)

(E-5)

125

WRSF & CONCRETE
DITCH PAVING

P.I. 123+57.08

130

(E-5)

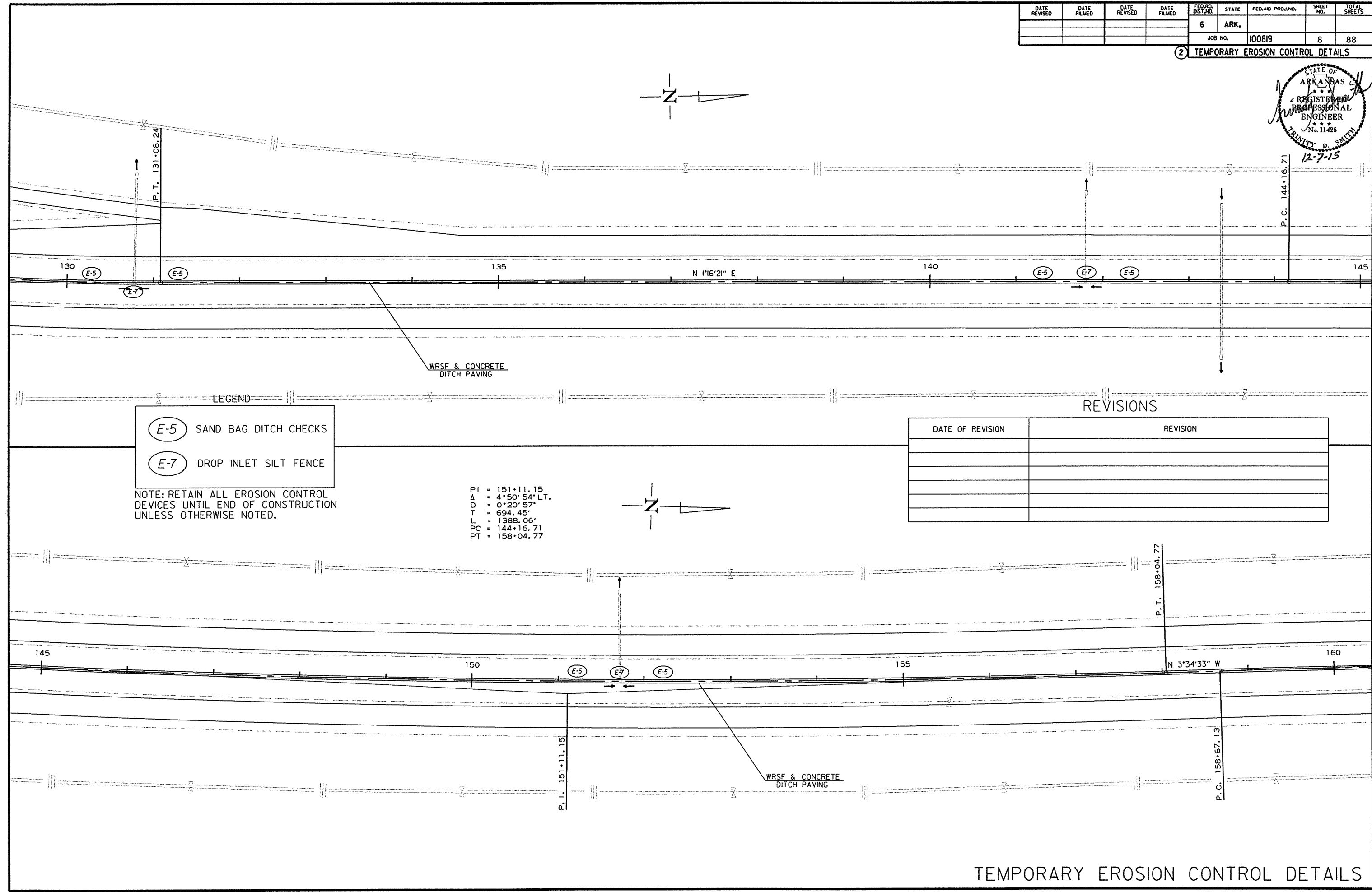
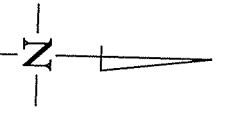
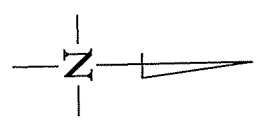
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TEMPORARY EROSION CONTROL DETAILS

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② TEMPORARY EROSION CONTROL DETAILS



LEGEND

	SAND BAG DITCH CHECKS
	DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.

PI = 151+11.15
 Δ = 4°50'54" LT.
 D = 0°20'57"
 T = 694.45'
 L = 1388.06'
 PC = 144+16.71
 PT = 158+04.77

REVISIONS

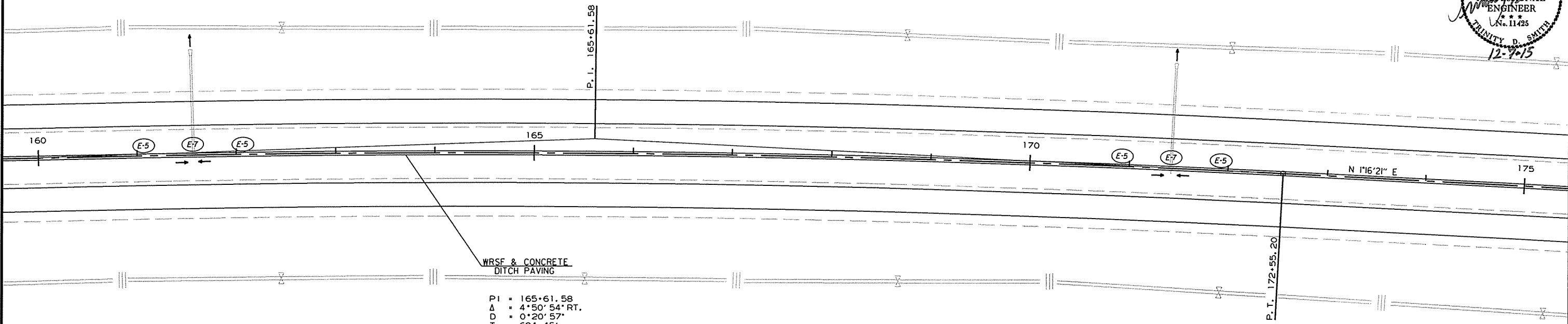
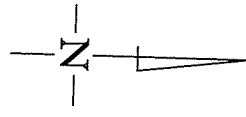
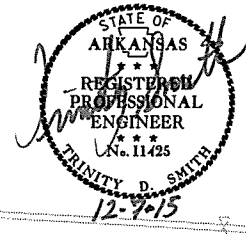
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② TEMPORARY EROSION CONTROL DETAILS



LEGEND

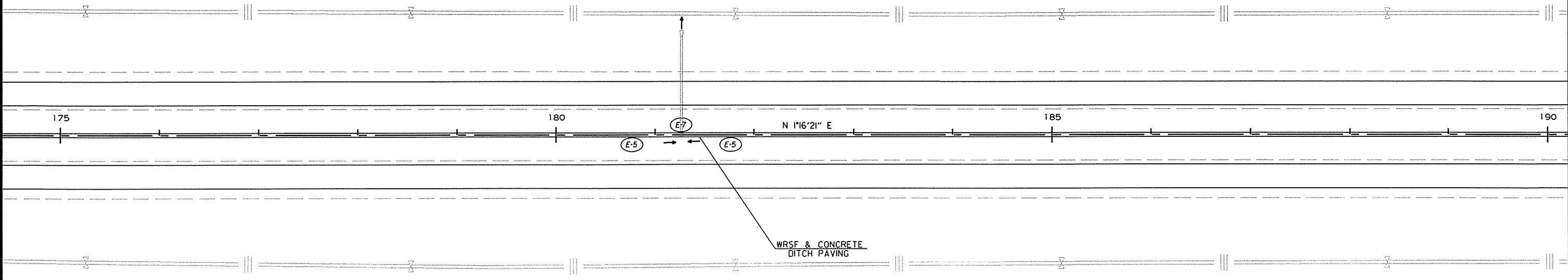
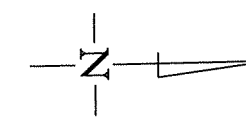
	SAND BAG DITCH CHECKS
	DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.

P I = 165+61.58
 Δ = 4°50' 54" RT.
 D = 0°20' 57"
 T = 694.45'
 L = 1388.07'
 PC = 158+67.13
 PT = 172+55.20

REVISIONS

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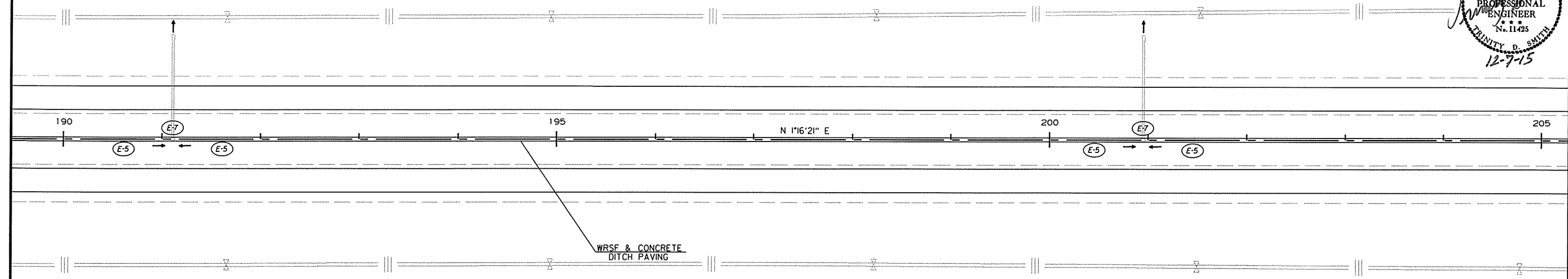
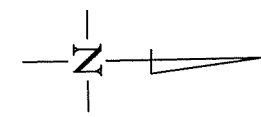
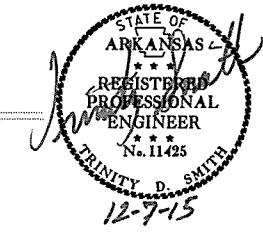


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2 TEMPORARY EROSION CONTROL DETAILS



LEGEND

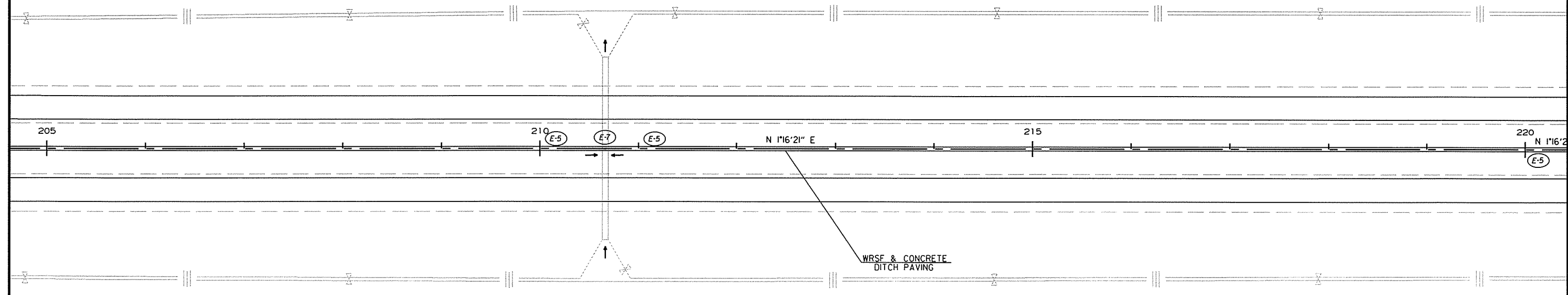
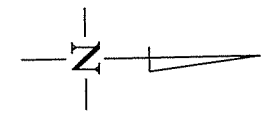
(E-5) SAND BAG DITCH CHECKS

(E-7) DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.

REVISIONS

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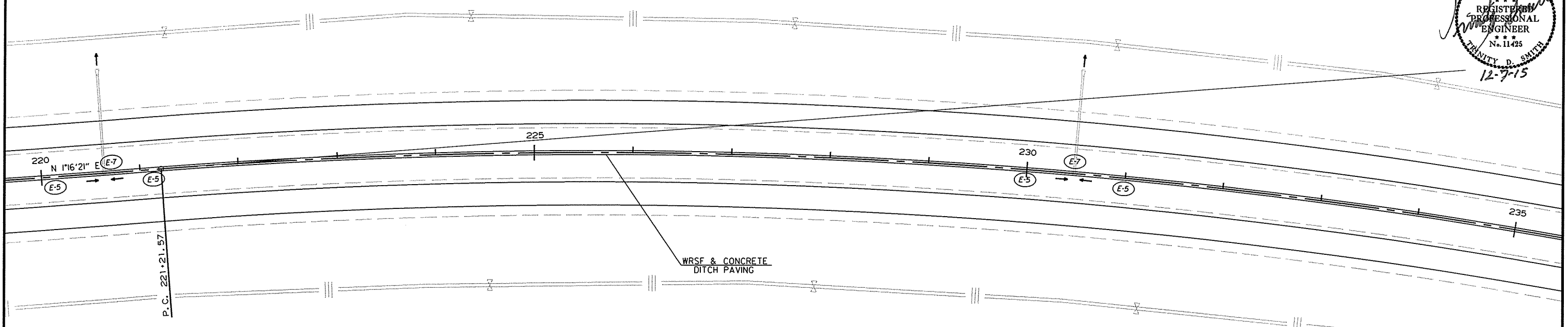
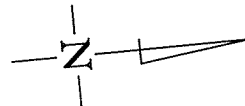
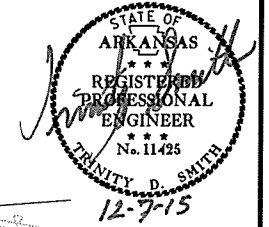


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

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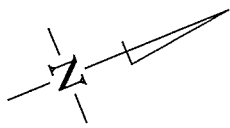
2 TEMPORARY EROSION CONTROL DETAILS



LEGEND

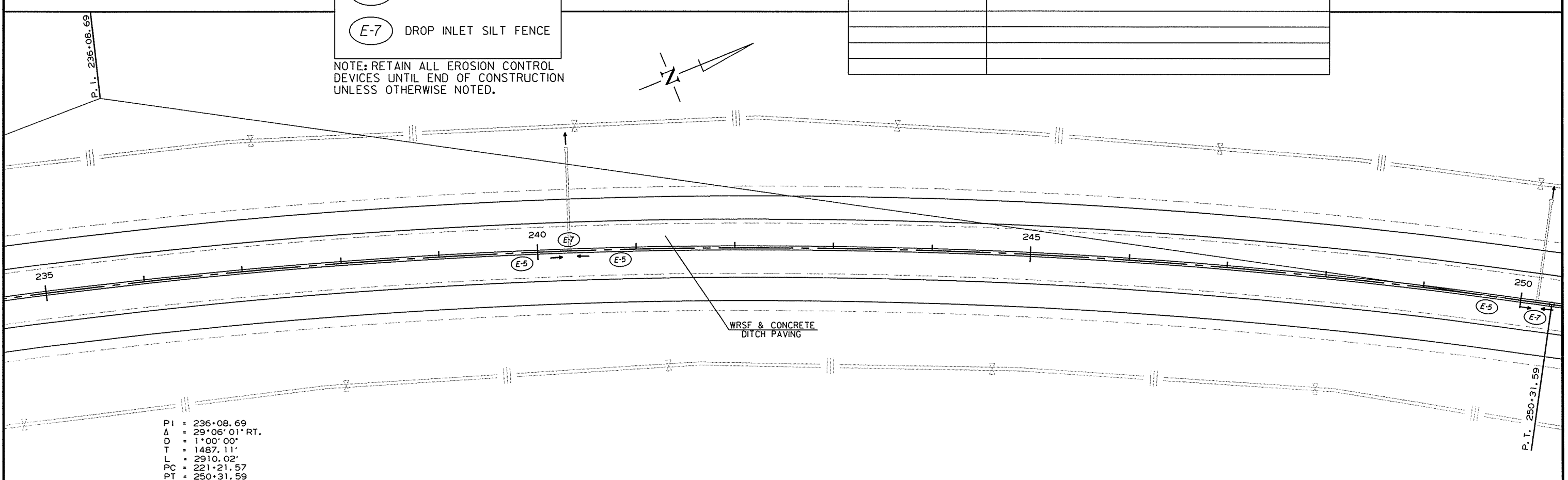
-  SAND BAG DITCH CHECKS
-  DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.



REVISIONS

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P.I. = 236+08.69
 Δ = 29°06'01" RT.
 D = 1°00'00"
 T = 1487.11'
 L = 2910.02'
 P.C. = 221+21.57
 P.T. = 250+31.59

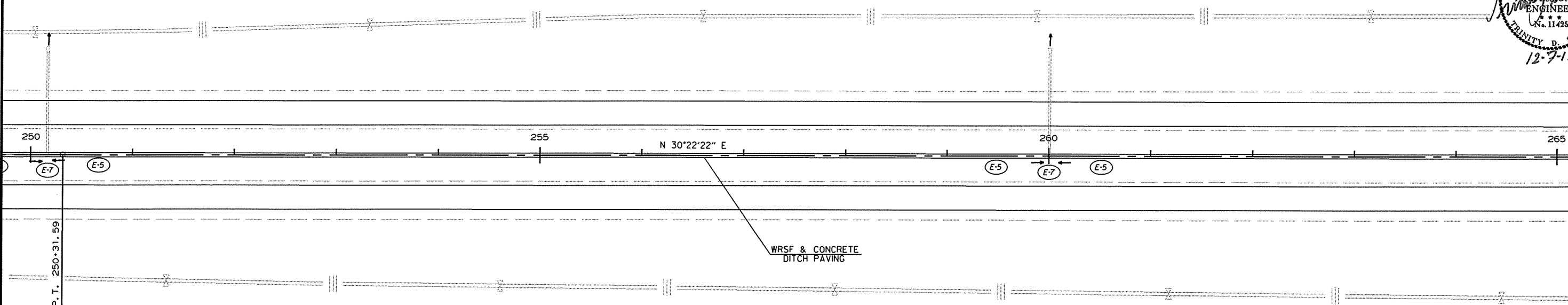
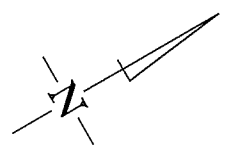
TEMPORARY EROSION CONTROL DETAILS

10/16/2015

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② TEMPORARY EROSION CONTROL DETAILS



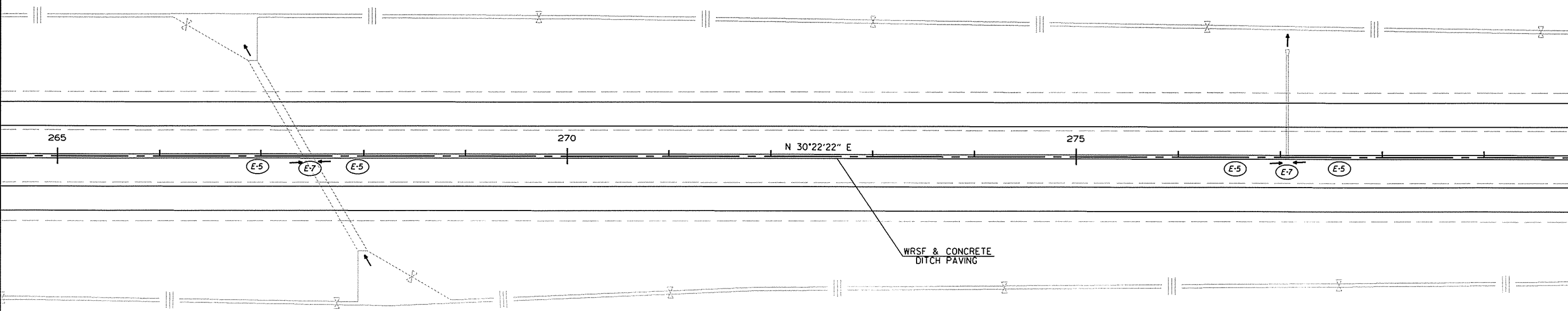
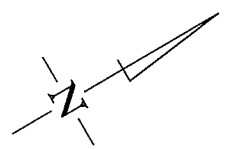
REVISIONS

DATE OF REVISION	REVISION

LEGEND

-  SAND BAG DITCH CHECKS
-  DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.

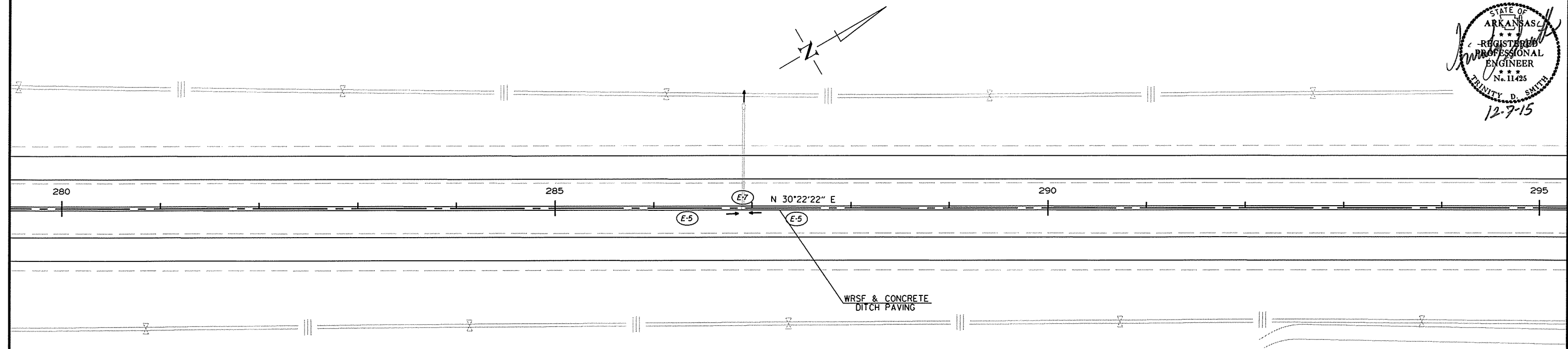
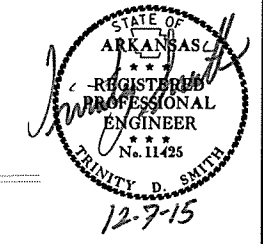


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② TEMPORARY EROSION CONTROL DETAILS



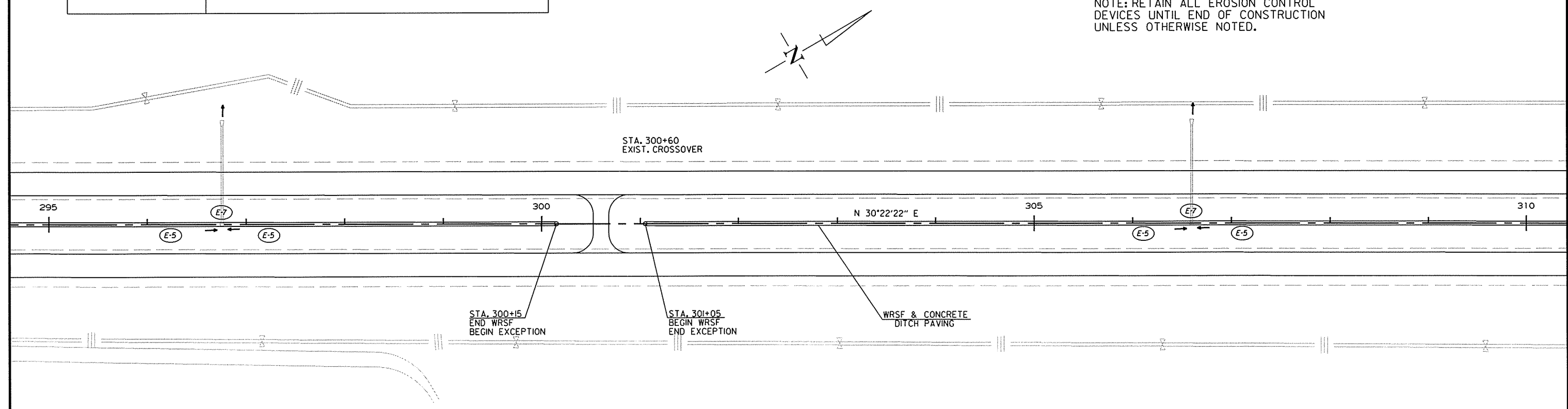
REVISIONS

DATE OF REVISION	REVISION

LEGEND

- E-5 SAND BAG DITCH CHECKS
- E-7 DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.

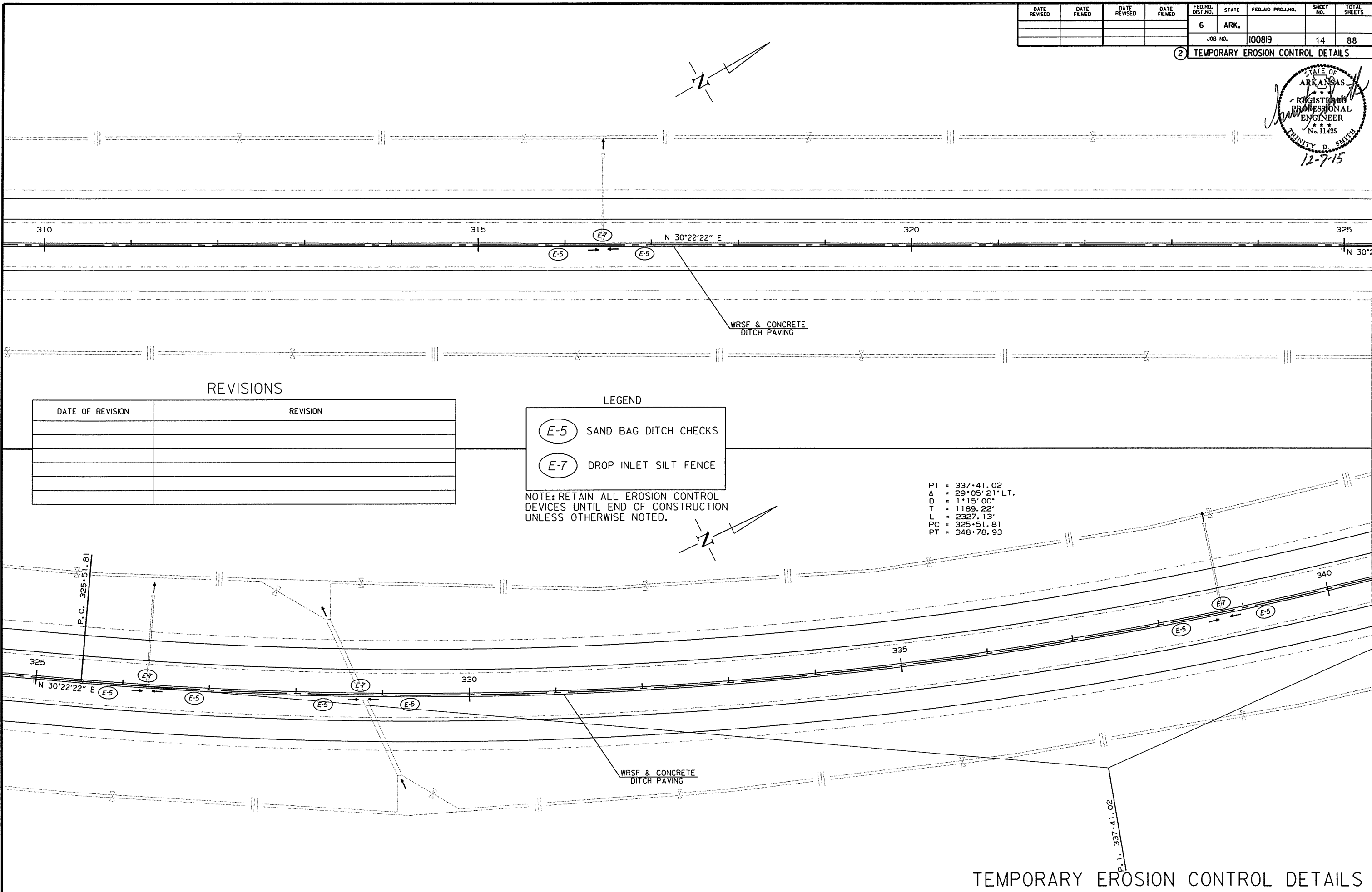
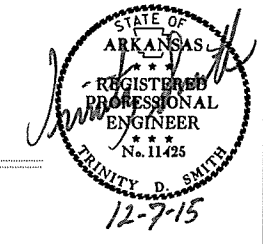


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TEMPORARY EROSION CONTROL DETAILS

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
						JOB NO. 100819	14	88

2 TEMPORARY EROSION CONTROL DETAILS



REVISIONS

DATE OF REVISION	REVISION

LEGEND

- (E-5) SAND BAG DITCH CHECKS
- (E-7) DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.

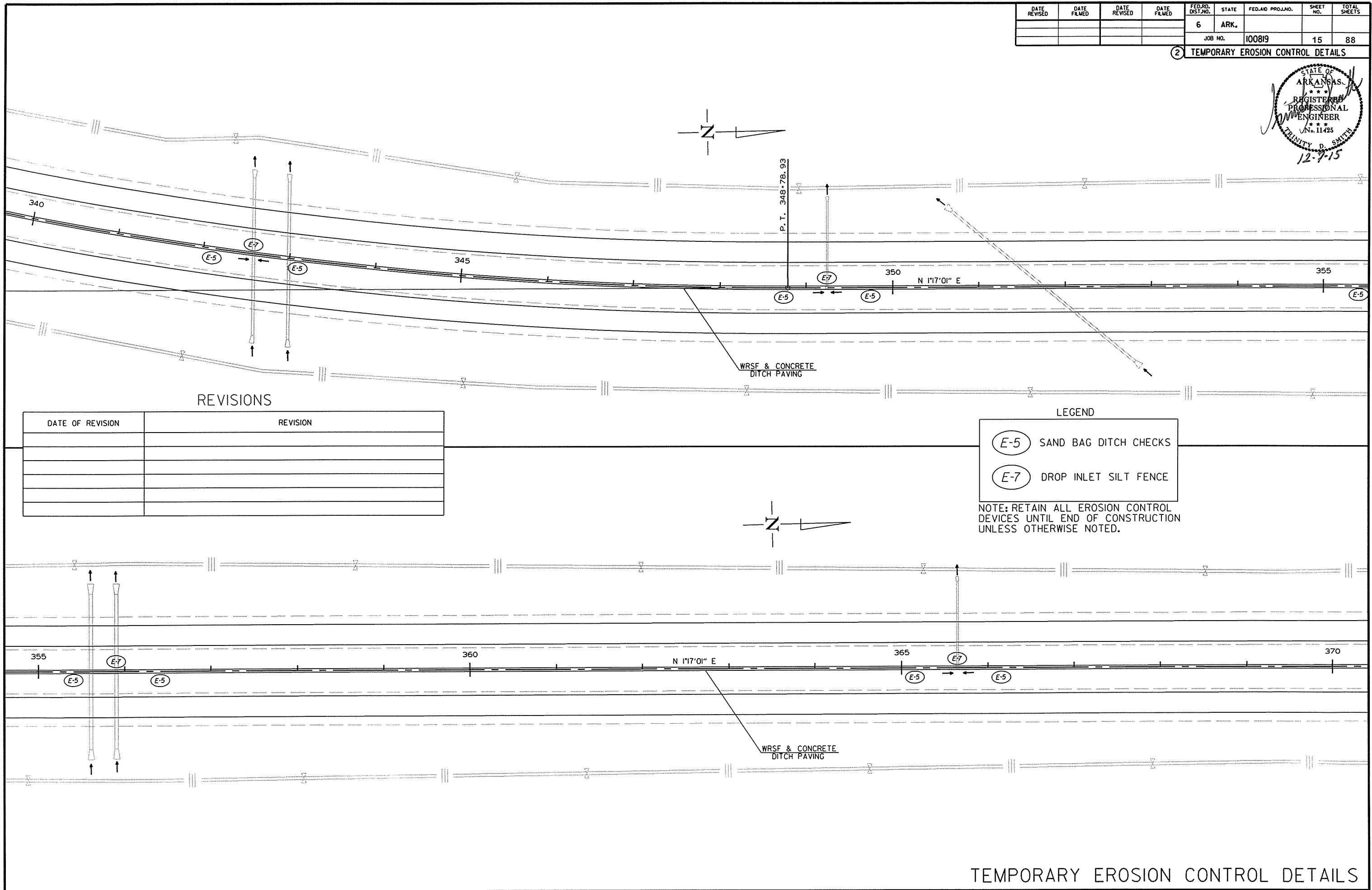
PI = 337+41.02
 Δ = 29°05'21" LT.
 D = 1'15" 00"
 T = 1189.22'
 L = 2327.13'
 PC = 325+51.81
 PT = 348+78.93

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TEMPORARY EROSION CONTROL DETAILS

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.		15	88
				JOB NO. 100819				

2 TEMPORARY EROSION CONTROL DETAILS



REVISIONS

DATE OF REVISION	REVISION

LEGEND

- SAND BAG DITCH CHECKS
- DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.

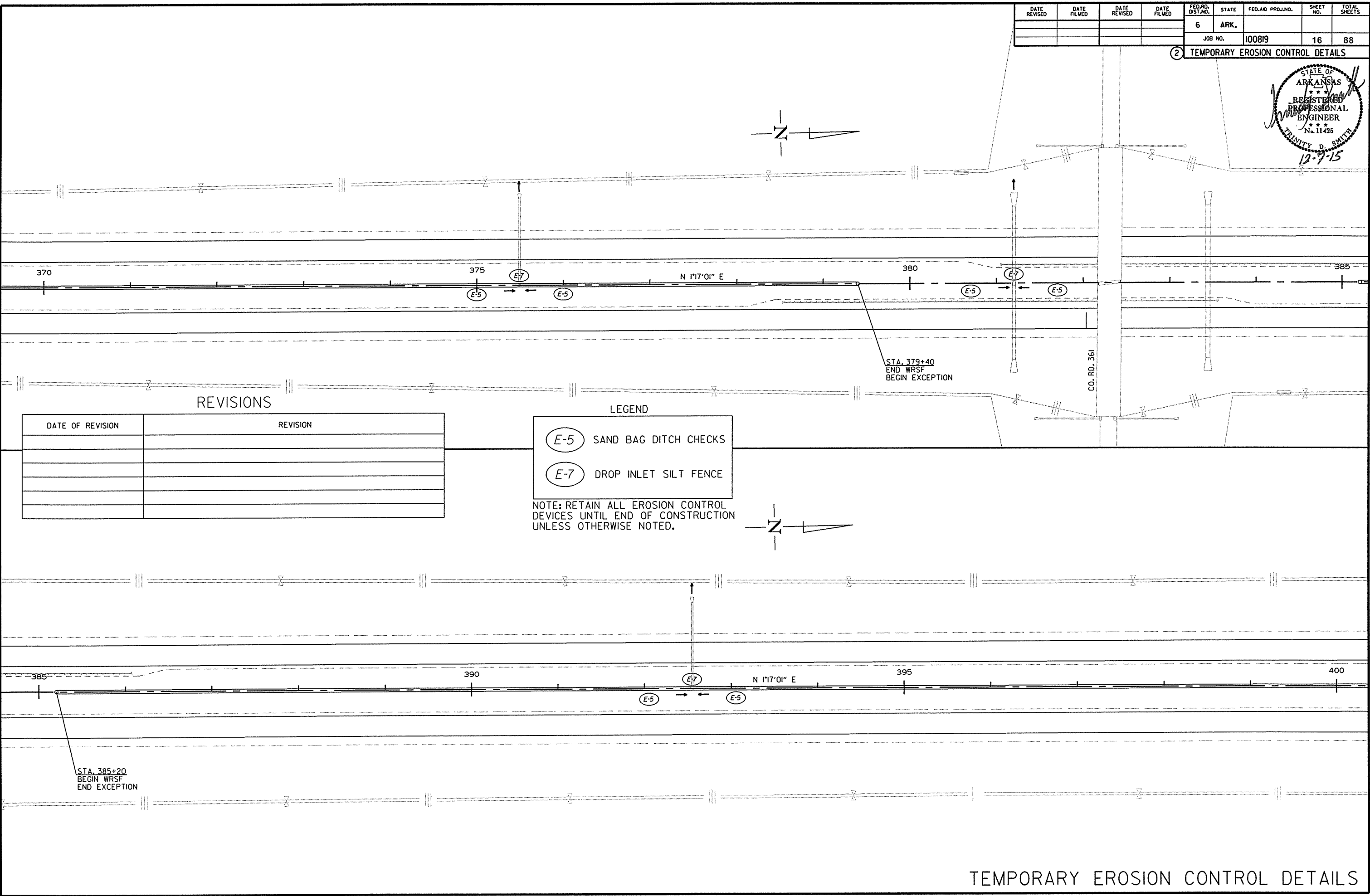
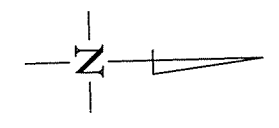
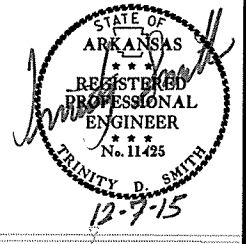
10/16/2015

R100819.DGN

TEMPORARY EROSION CONTROL DETAILS

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.	100819		16	88

② TEMPORARY EROSION CONTROL DETAILS



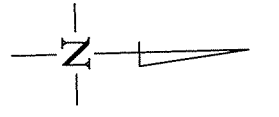
REVISIONS

DATE OF REVISION	REVISION

LEGEND

- SAND BAG DITCH CHECKS
- DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.

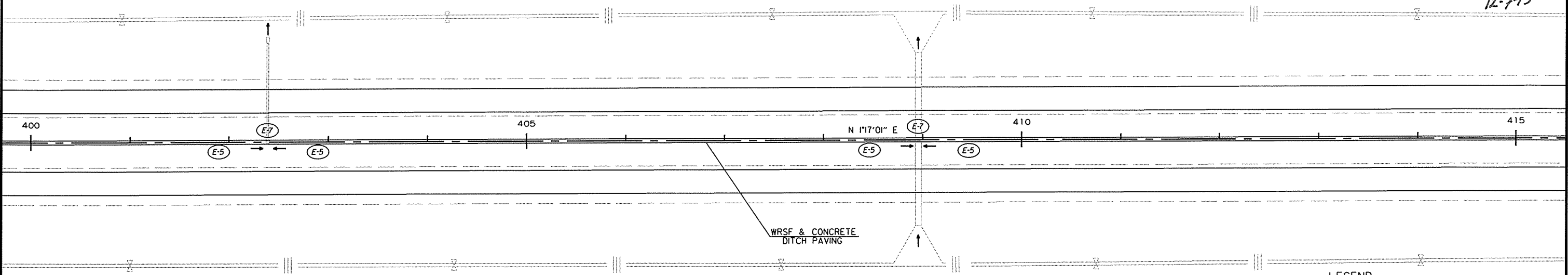
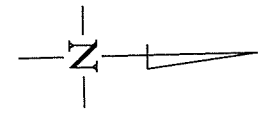
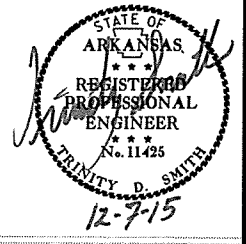


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TEMPORARY EROSION CONTROL DETAILS

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.		17	88
				JOB NO.	100819			

② TEMPORARY EROSION CONTROL DETAILS



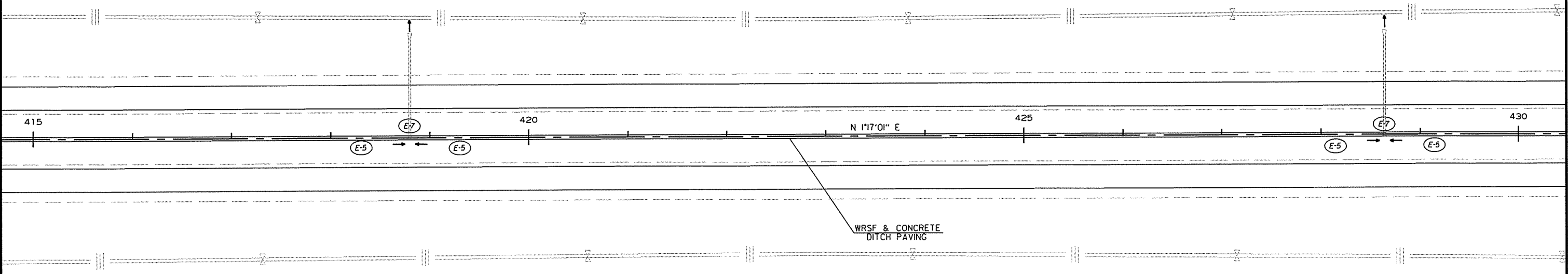
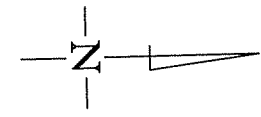
REVISIONS

DATE OF REVISION	REVISION

LEGEND

- SAND BAG DITCH CHECKS
- DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.



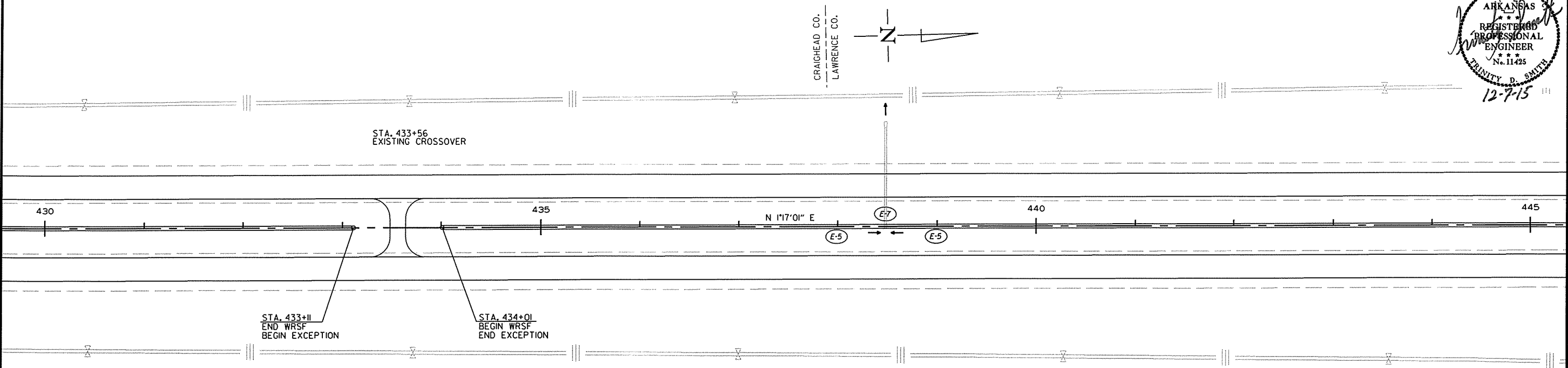
10/16/2015

R100819.DGN

TEMPORARY EROSION CONTROL DETAILS

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
						JOB NO. 100819	18	88

2 TEMPORARY EROSION CONTROL DETAILS



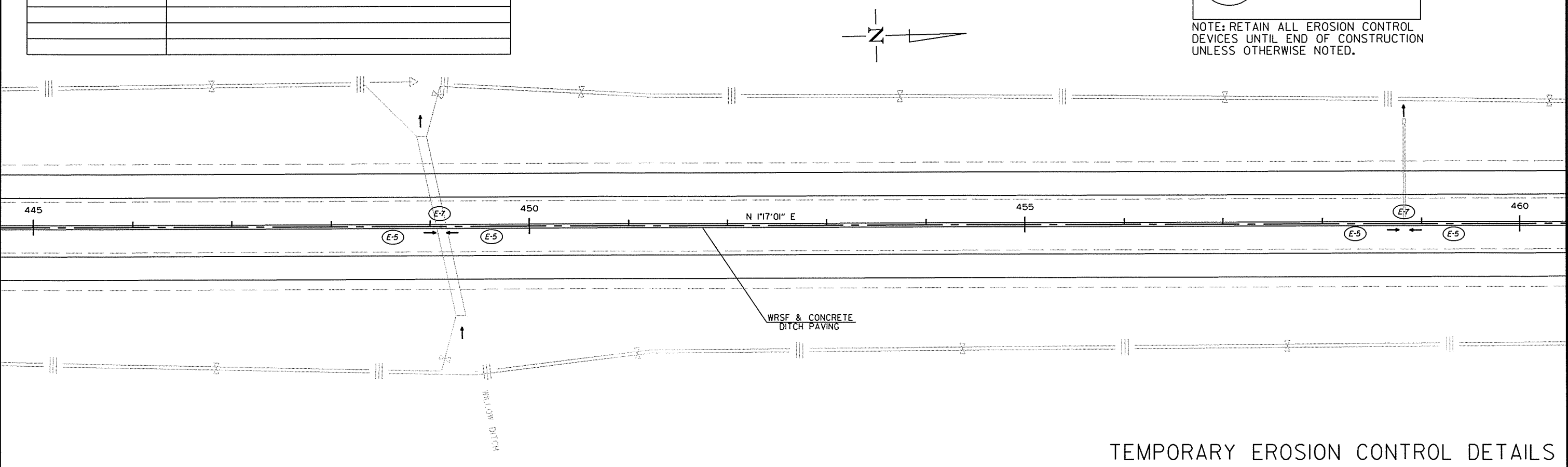
REVISIONS

DATE OF REVISION	REVISION

LEGEND

- SAND BAG DITCH CHECKS
- DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.

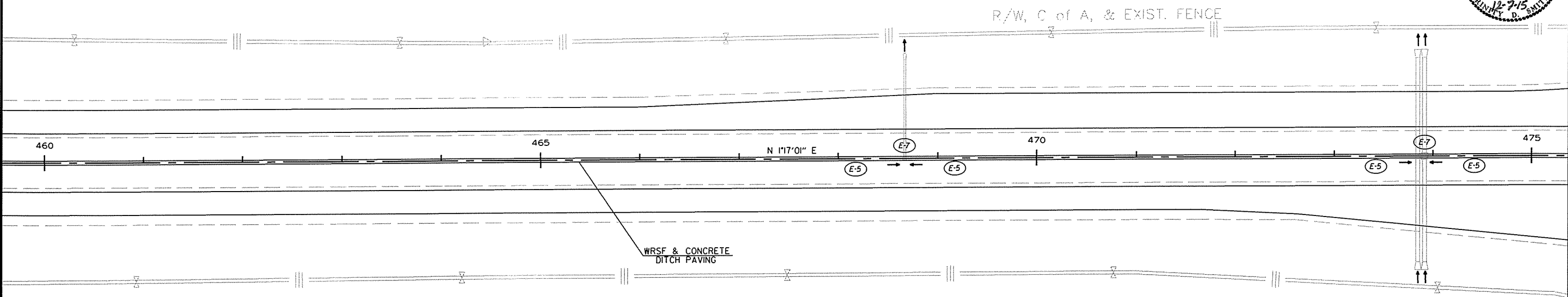
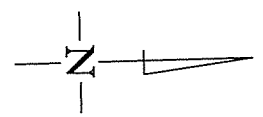


TEMPORARY EROSION CONTROL DETAILS



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DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.		19	88
				JOB NO. 100819				

2 TEMPORARY EROSION CONTROL DETAILS



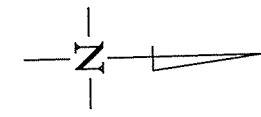
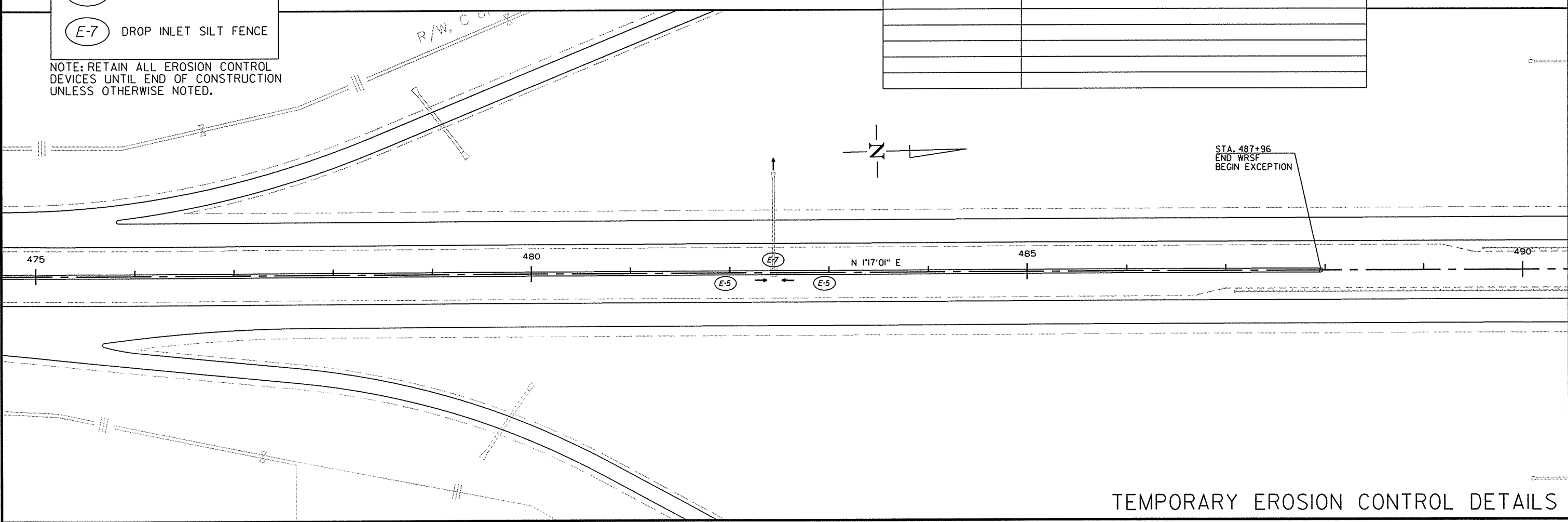
LEGEND

-  SAND BAG DITCH CHECKS
-  DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.

REVISIONS

DATE OF REVISION	REVISION



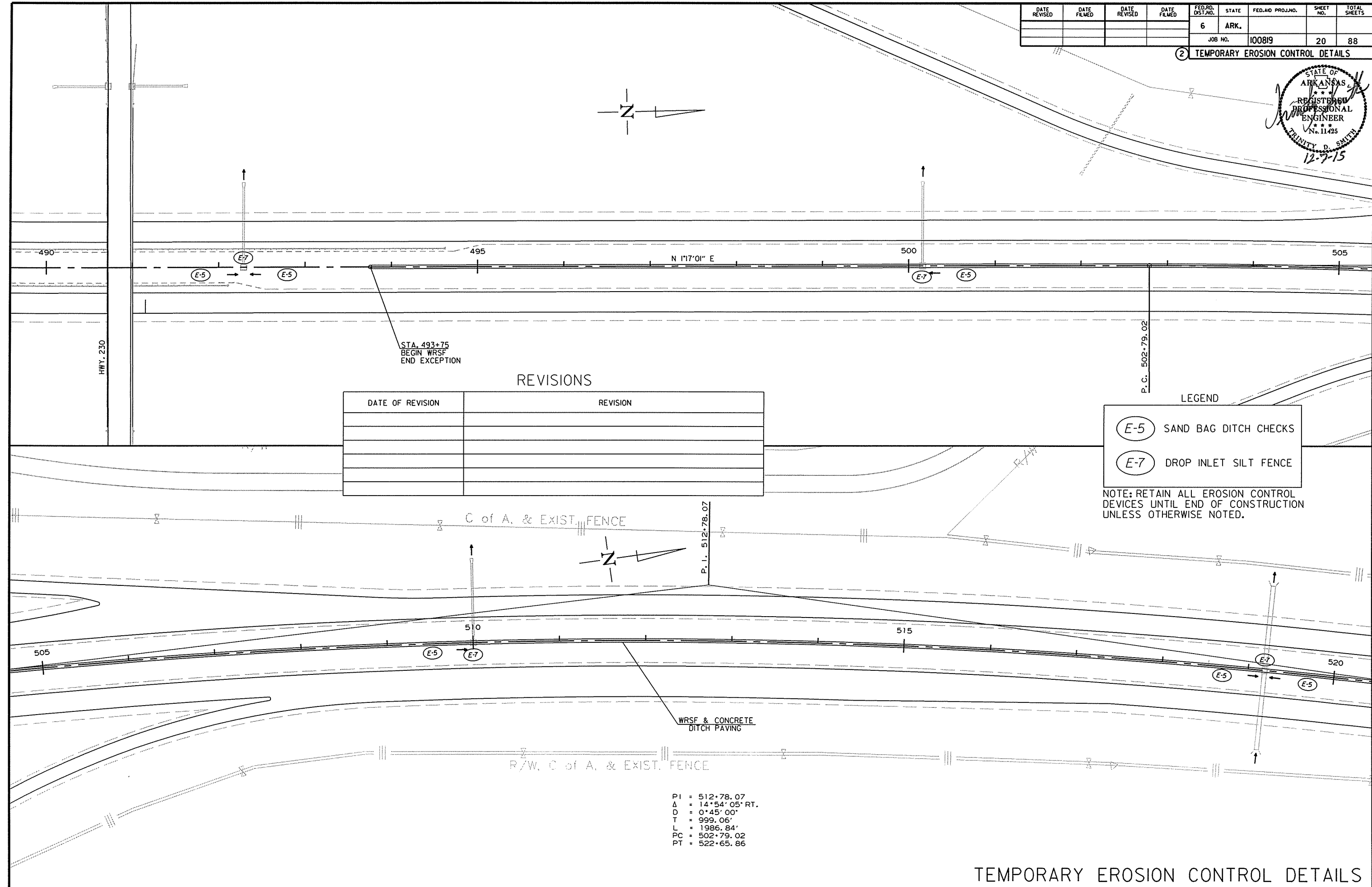
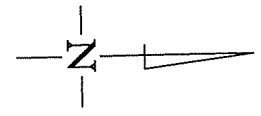
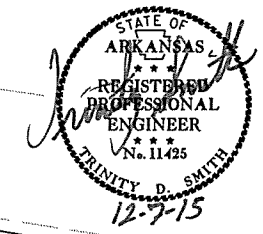
STA. 487+96
END WRSF
BEGIN EXCEPTION

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R100819.DGN

TEMPORARY EROSION CONTROL DETAILS

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.		20	88
				JOB NO.	100819			

② TEMPORARY EROSION CONTROL DETAILS



STA. 493+75
BEGIN WRSF
END EXCEPTION

REVISIONS

DATE OF REVISION	REVISION

LEGEND

- SAND BAG DITCH CHECKS
- DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.



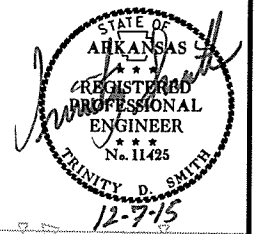
PI = 512+78.07
 Δ = 14°54'05" RT.
D = 0°45'00"
T = 999.06'
L = 1986.84'
PC = 502+79.02
PT = 522+65.86

TEMPORARY EROSION CONTROL DETAILS

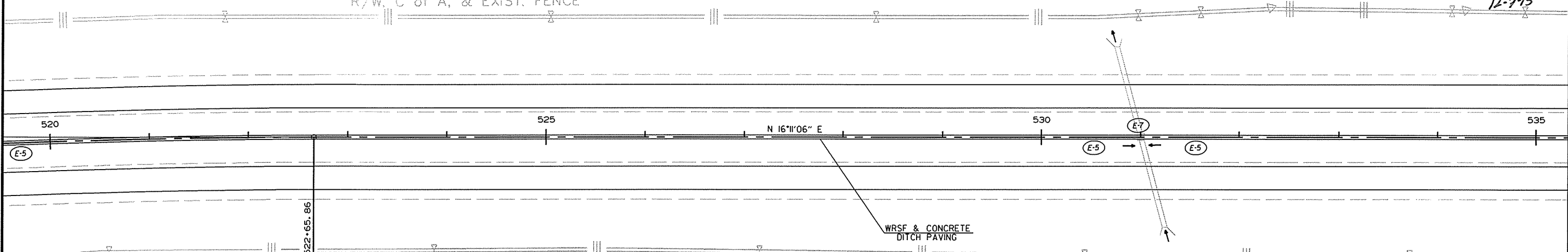
10/16/2015
R100819.DGN

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.		21	88
				JOB NO.	100819			

2 TEMPORARY EROSION CONTROL DETAILS



R/W, C of A, & EXIST. FENCE



LEGEND

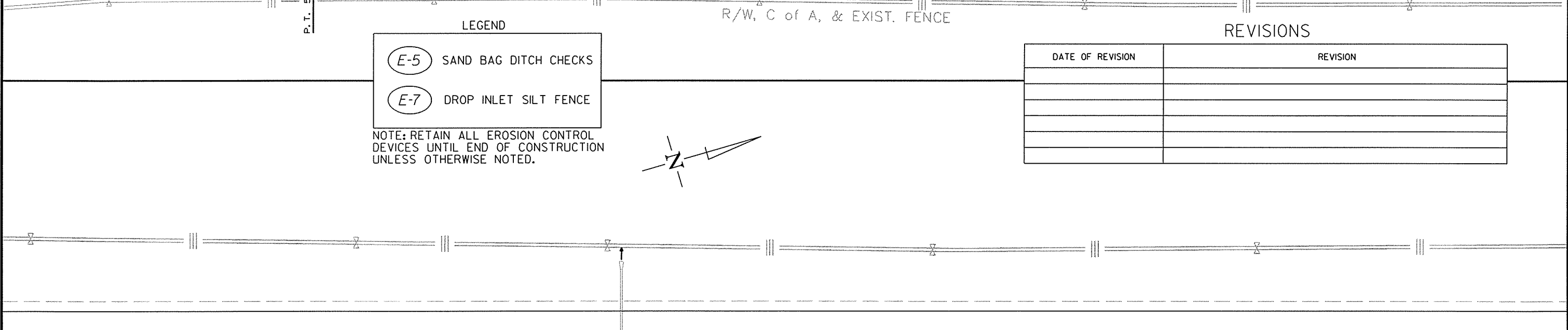
(E-5)	SAND BAG DITCH CHECKS
(E-7)	DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.



REVISIONS

DATE OF REVISION	REVISION

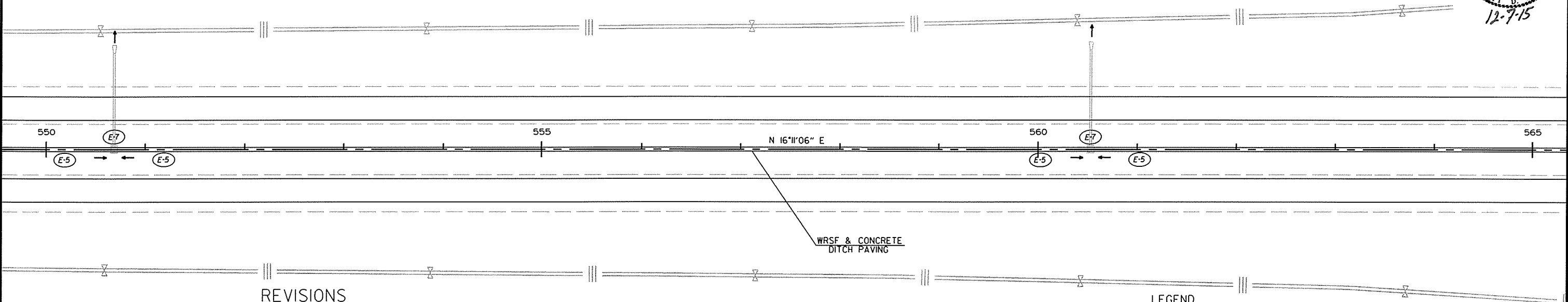
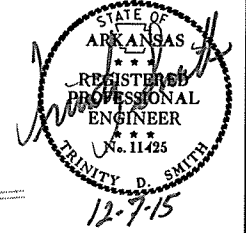


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TEMPORARY EROSION CONTROL DETAILS

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.	100819		22	88

② TEMPORARY EROSION CONTROL DETAILS



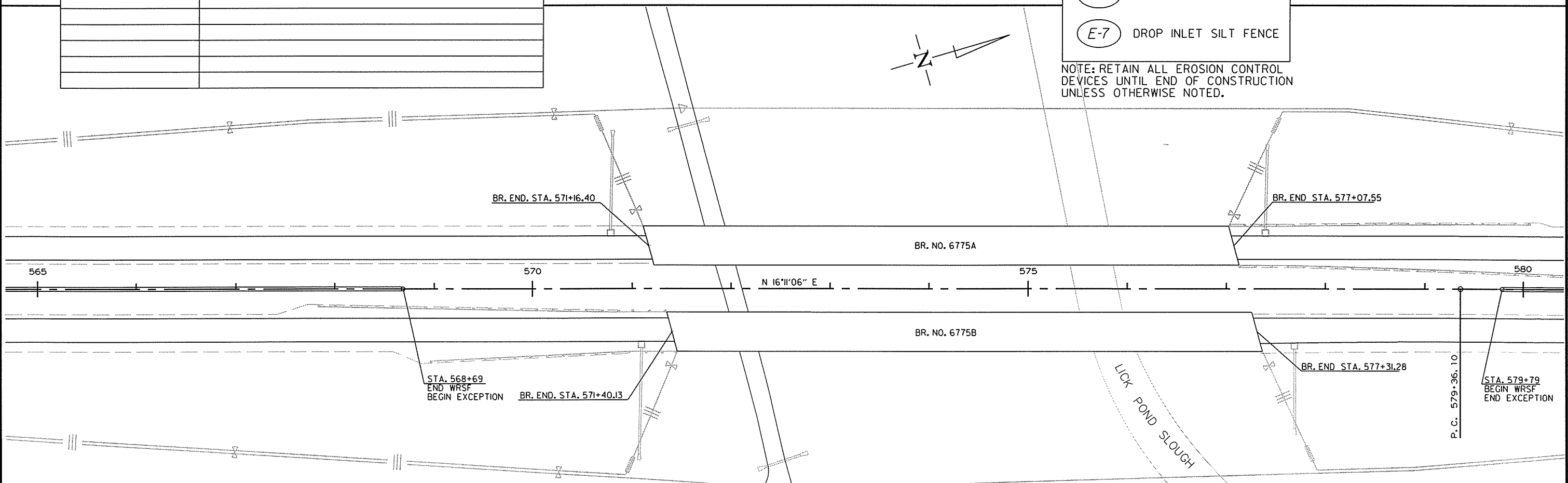
REVISIONS

DATE OF REVISION	REVISION

LEGEND

- SAND BAG DITCH CHECKS
- DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.

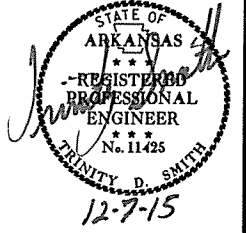


10/16/2015
R100819.DGN

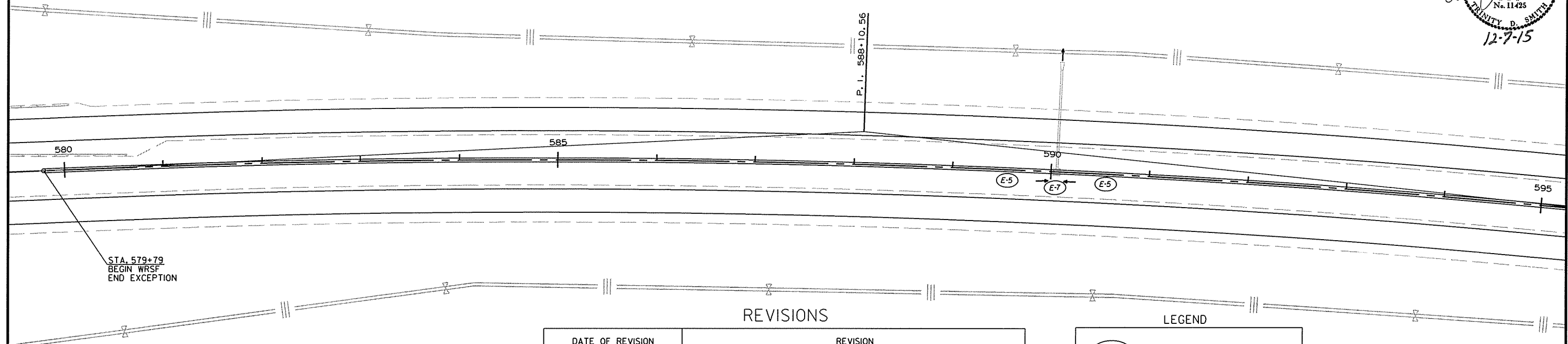
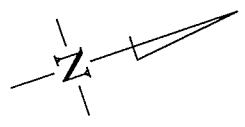
TEMPORARY EROSION CONTROL DETAILS

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.	100819		23	88

② TEMPORARY EROSION CONTROL DETAILS



PI = 588+10.56
 Δ = 8°43'40" RT.
 D = 0°30'00"
 T = 874.46'
 L = 1745.53'
 PC = 579+36.10
 PT = 596+81.63



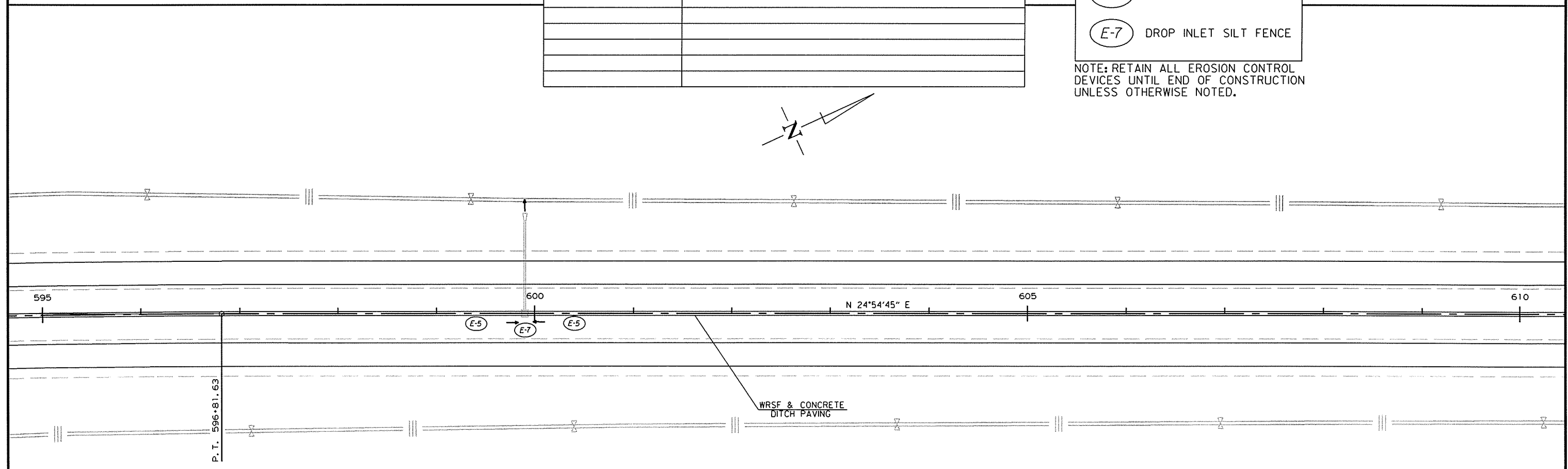
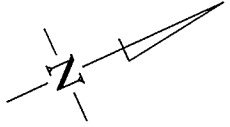
REVISIONS

DATE OF REVISION	REVISION

LEGEND

- (E-5) SAND BAG DITCH CHECKS
- (E-7) DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.

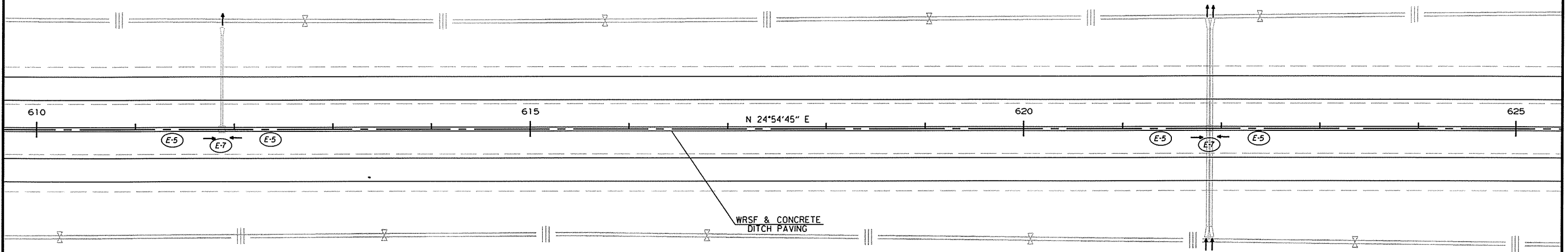
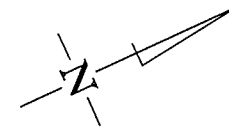
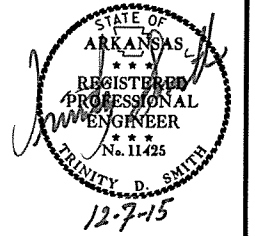


TEMPORARY EROSION CONTROL DETAILS

10/16/2015
R100819.DGN

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.	100819		24	88



② TEMPORARY EROSION CONTROL DETAILS



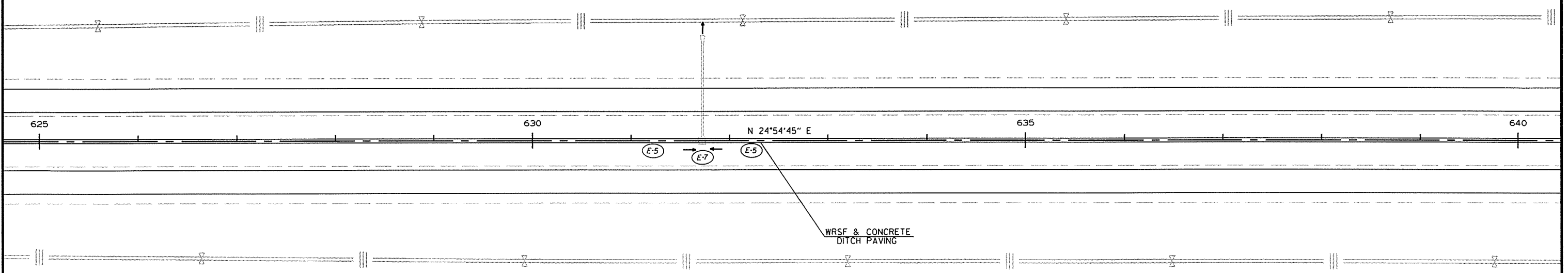
REVISIONS

DATE OF REVISION	REVISION

LEGEND

-  SAND BAG DITCH CHECKS
-  DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.



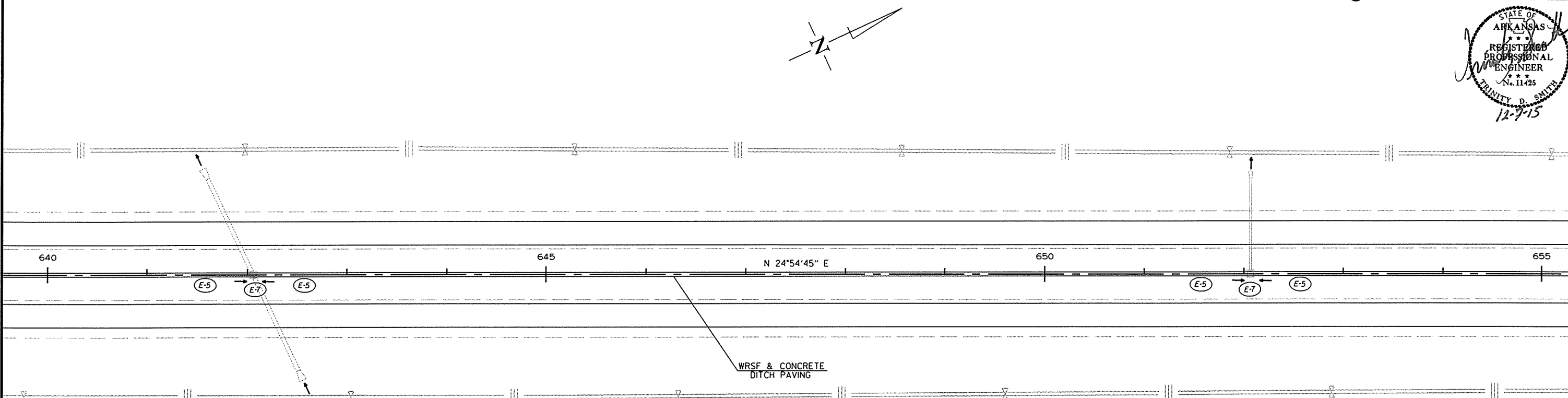
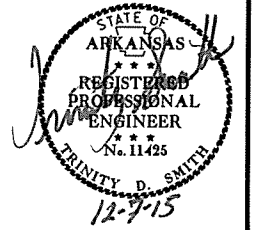
TEMPORARY EROSION CONTROL DETAILS

10/16/2015

R100819.DGN

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.	100819		25	88



② TEMPORARY EROSION CONTROL DETAILS



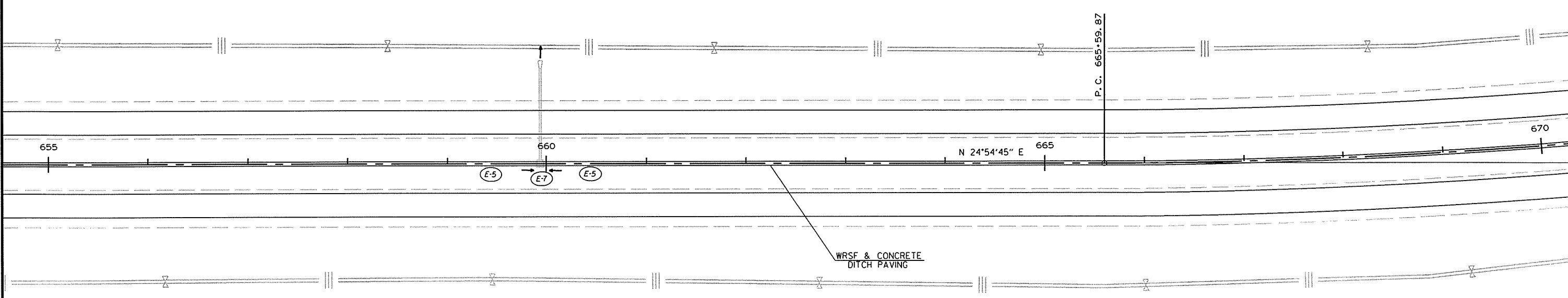
REVISIONS

DATE OF REVISION	REVISION

LEGEND

-  SAND BAG DITCH CHECKS
-  DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.



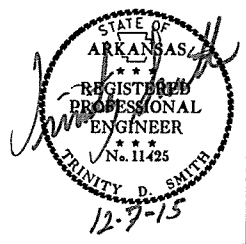
TEMPORARY EROSION CONTROL DETAILS

10/16/2015

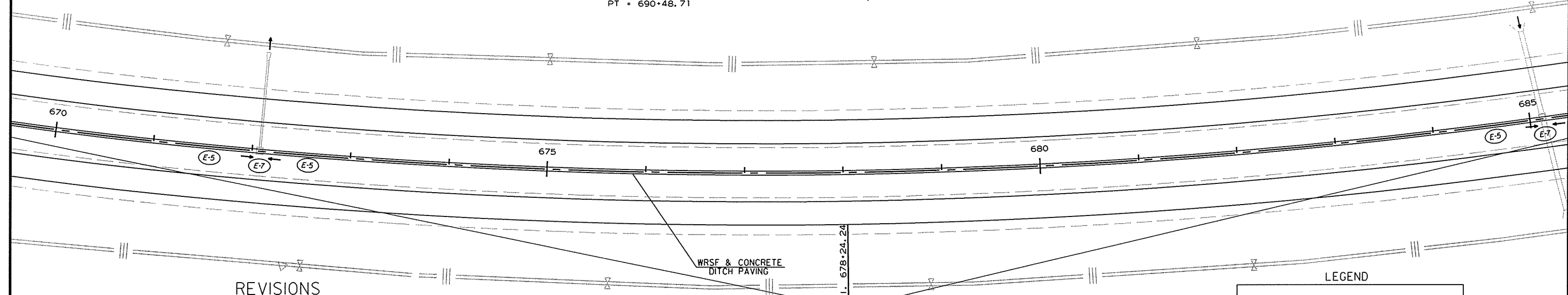
R100819.DCN

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.	100819		26	88

② TEMPORARY EROSION CONTROL DETAILS



PI = 678+24.24
 Δ = 24°53'18" L.T.
 D = 1°00'00"
 T = 1264.36'
 L = 2488.84'
 PC = 665+59.87
 PT = 690+48.71



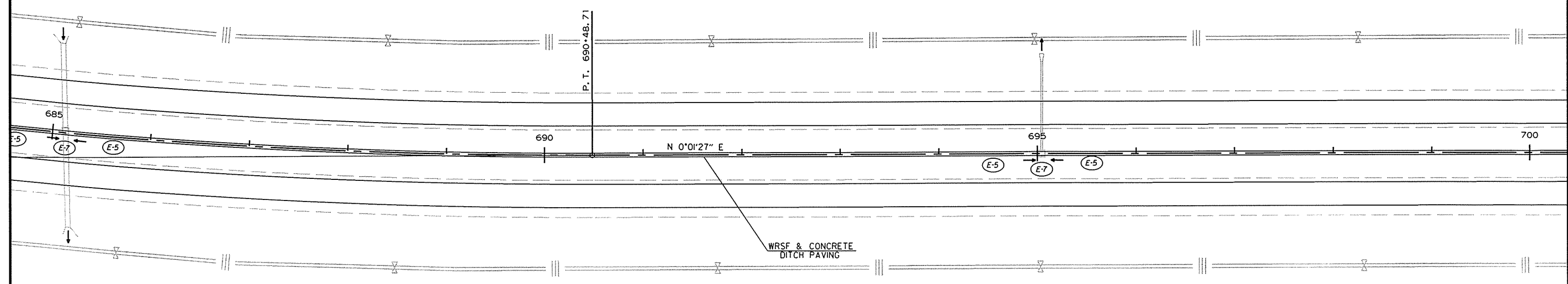
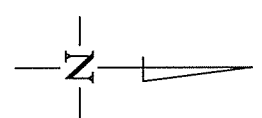
REVISIONS

DATE OF REVISION	REVISION

LEGEND

- (E-5) SAND BAG DITCH CHECKS
- (E-7) DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.

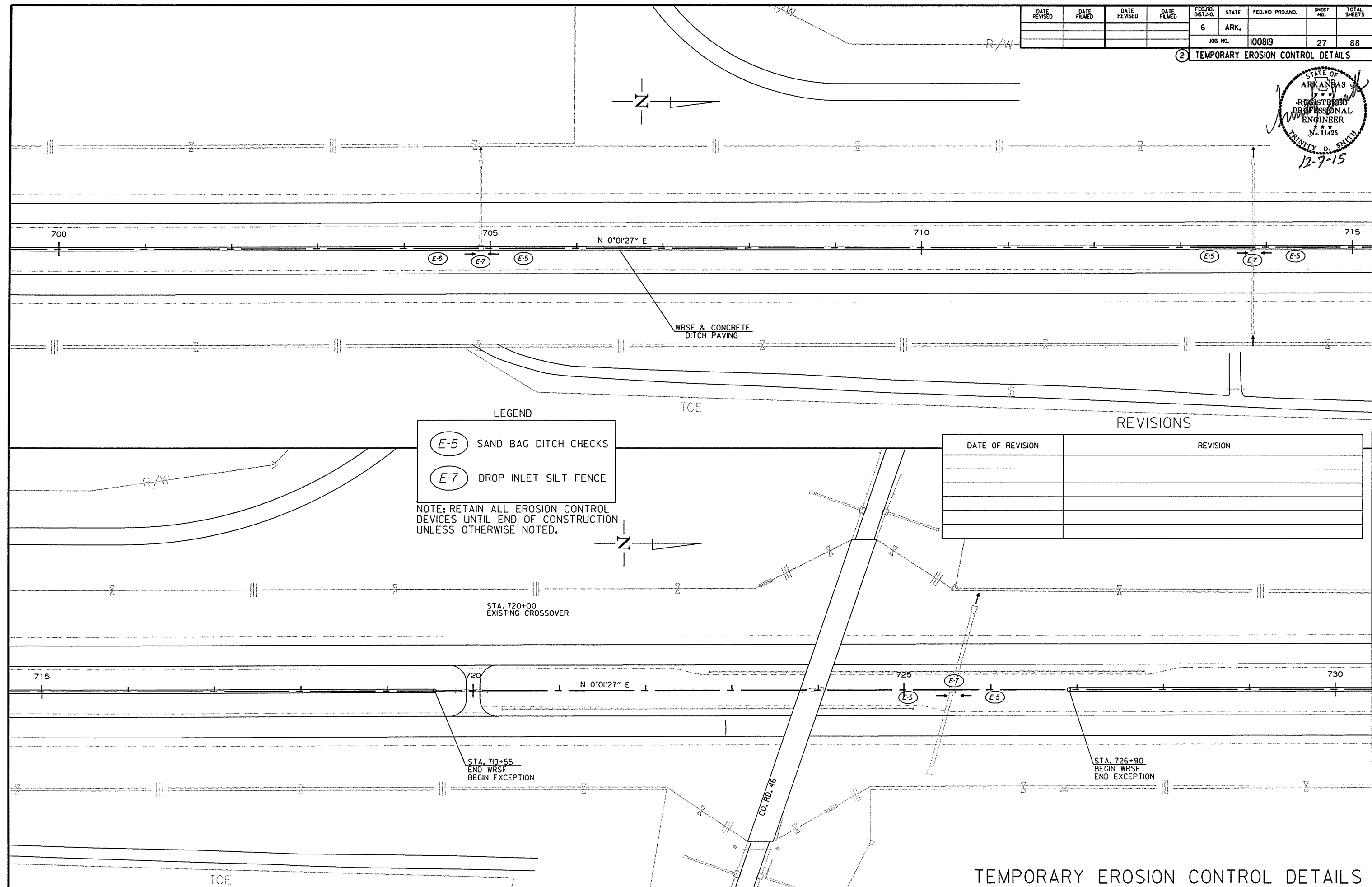
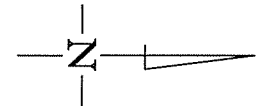
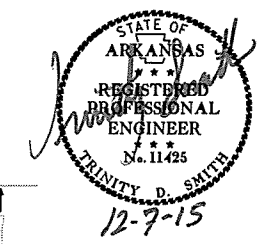


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 R100819.DGN

TEMPORARY EROSION CONTROL DETAILS

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.		27	88

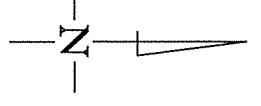
② TEMPORARY EROSION CONTROL DETAILS



LEGEND

	SAND BAG DITCH CHECKS
	DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.



REVISIONS

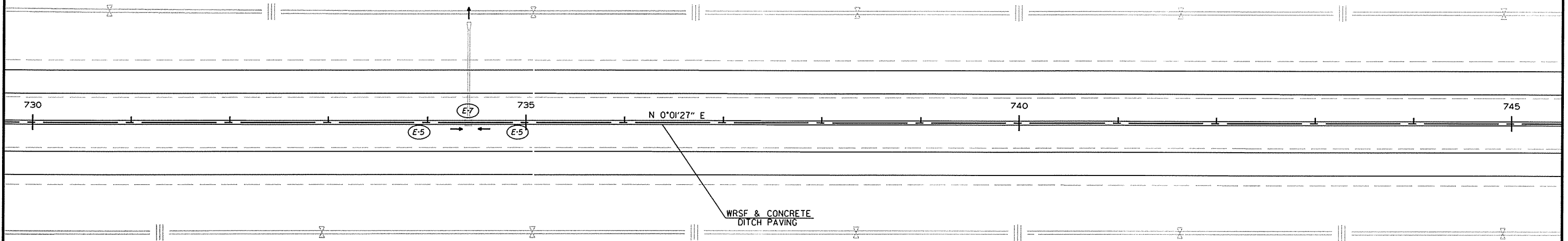
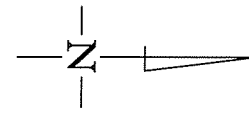
DATE OF REVISION	REVISION

10/16/2015
R100819.DGN

TEMPORARY EROSION CONTROL DETAILS

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.	100819		28	88

② TEMPORARY EROSION CONTROL DETAILS



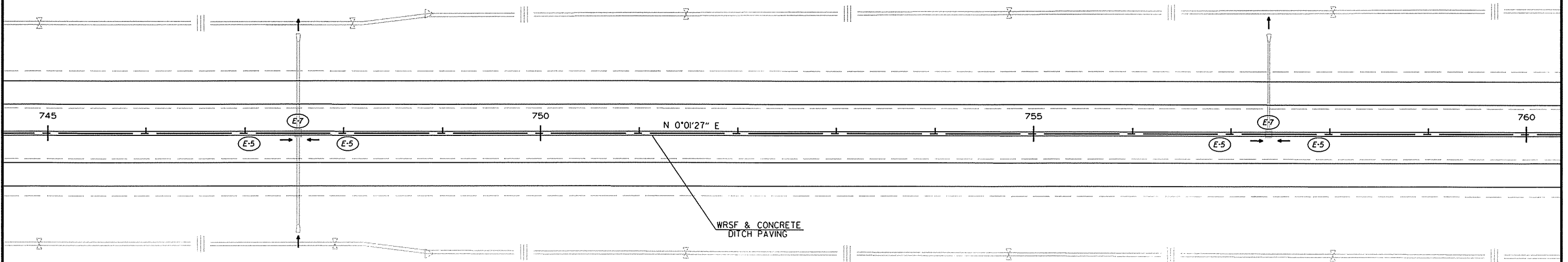
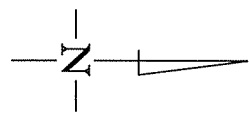
REVISIONS

DATE OF REVISION	REVISION

LEGEND

- SAND BAG DITCH CHECKS
- DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.



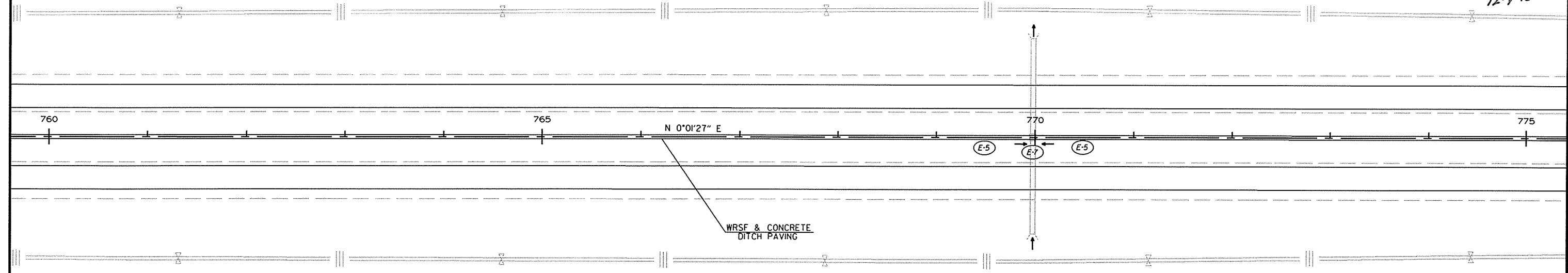
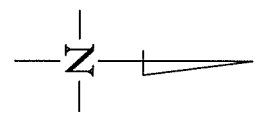
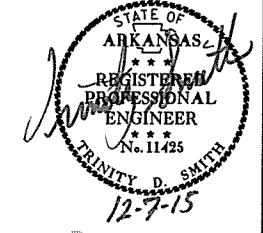
10/16/2015

R100819.DGN

TEMPORARY EROSION CONTROL DETAILS

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.	100819		29	88



② TEMPORARY EROSION CONTROL DETAILS



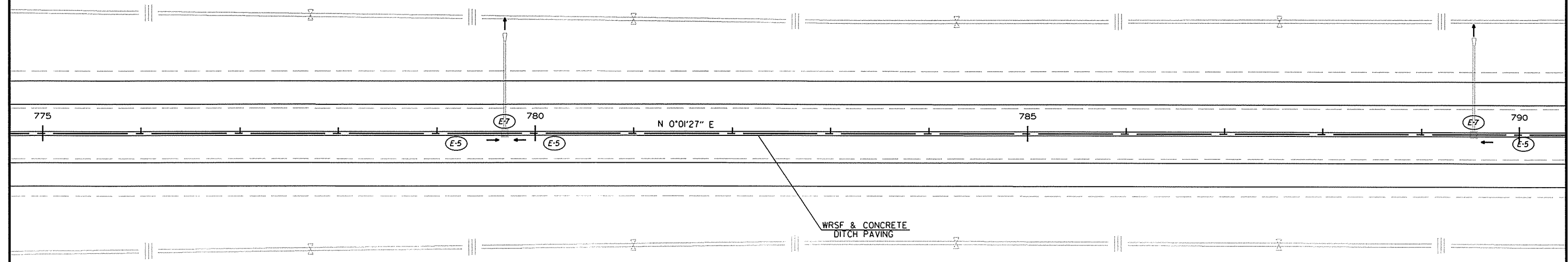
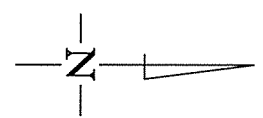
REVISIONS

DATE OF REVISION	REVISION

LEGEND

-  SAND BAG DITCH CHECKS
-  DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.



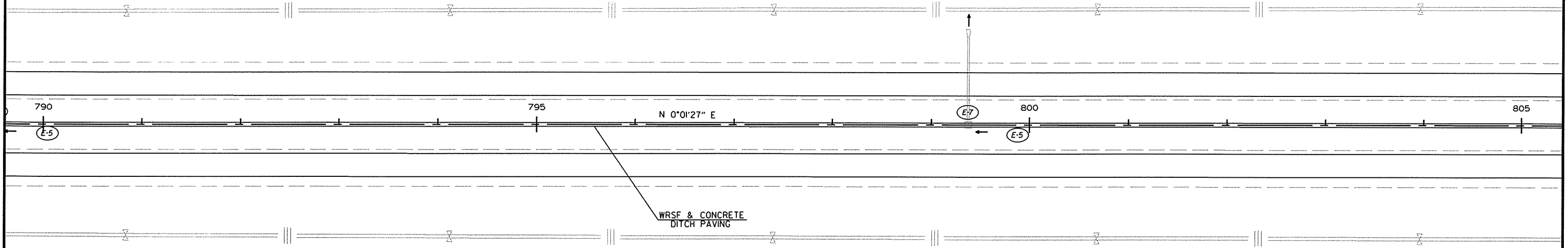
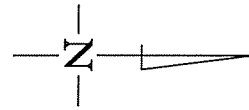
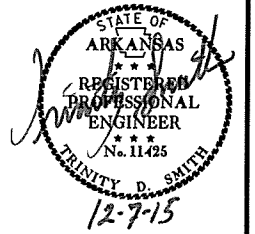
10/16/2015

R100819.DGN

TEMPORARY EROSION CONTROL DETAILS

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.		30	88
				JOB NO.	I00819			



② TEMPORARY EROSION CONTROL DETAILS



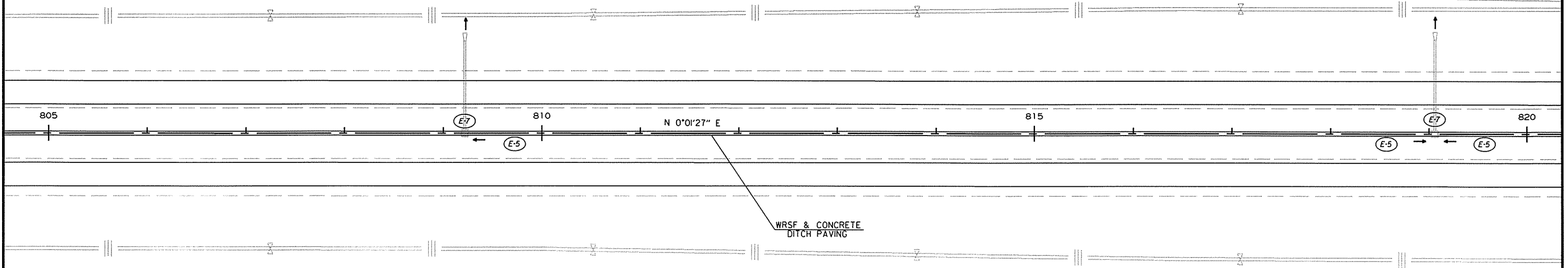
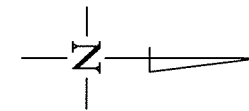
REVISIONS

DATE OF REVISION	REVISION

LEGEND

-  SAND BAG DITCH CHECKS
-  DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.



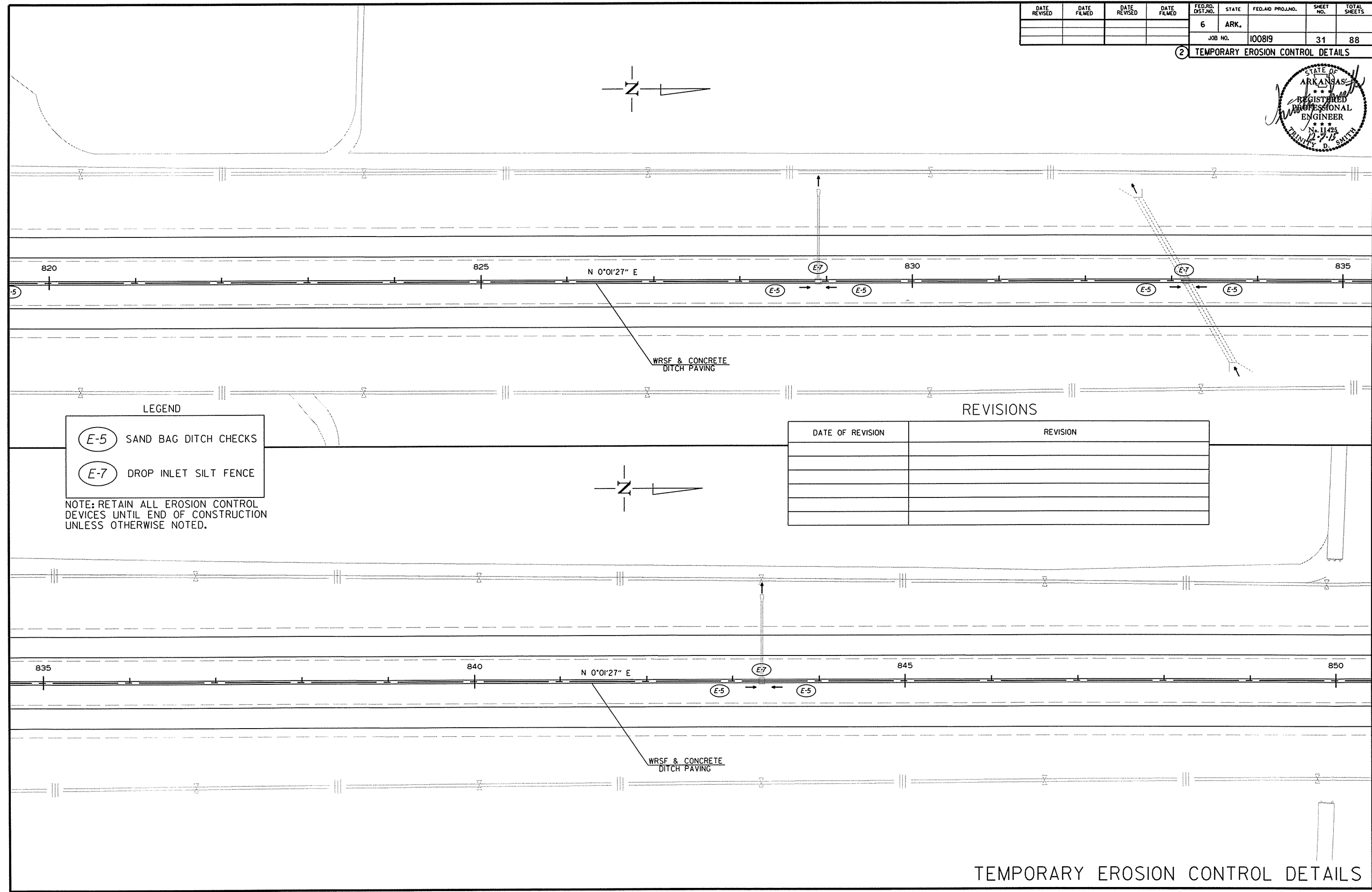
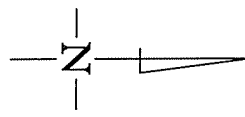
10/16/2015

R100819.DGN



TEMPORARY EROSION CONTROL DETAILS

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
						JOB NO. 100819	31	88

2 TEMPORARY EROSION CONTROL DETAILS



LEGEND

-  SAND BAG DITCH CHECKS
-  DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.

REVISIONS

DATE OF REVISION	REVISION

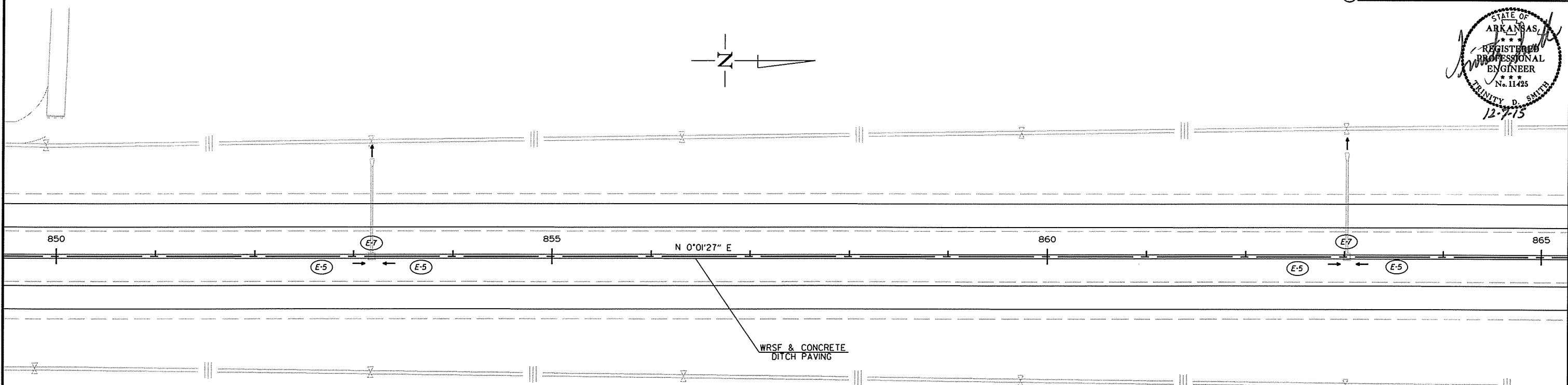
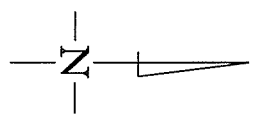
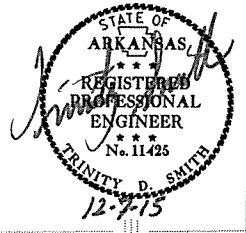
10/16/2015

RI00819.DGN

TEMPORARY EROSION CONTROL DETAILS

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS	
				6	ARK.				
JOB NO.							100819	32	88

2 TEMPORARY EROSION CONTROL DETAILS



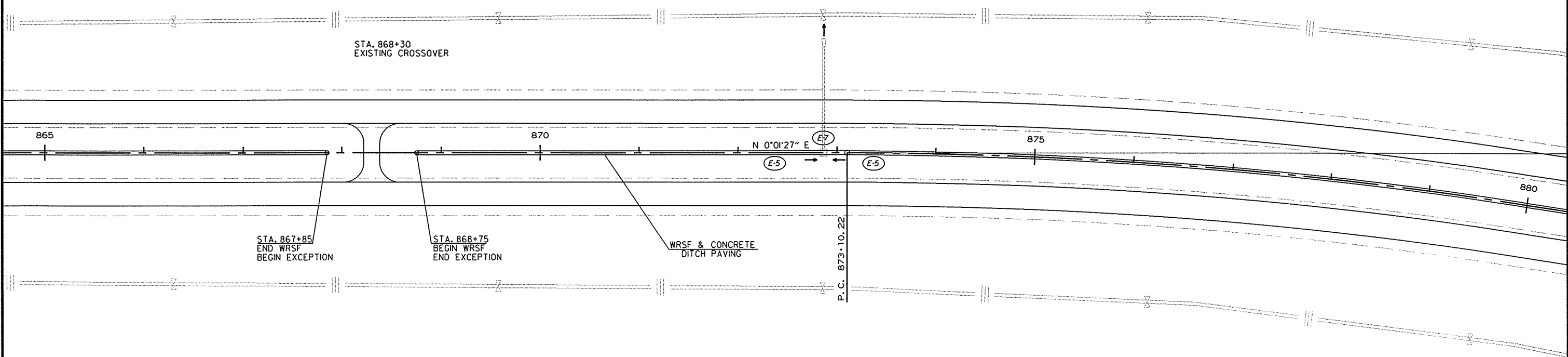
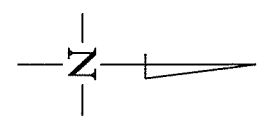
REVISIONS

DATE OF REVISION	REVISION

LEGEND

- (E-5) SAND BAG DITCH CHECKS
- (E-7) DROP INLET SILT FENCE

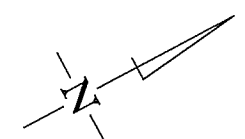
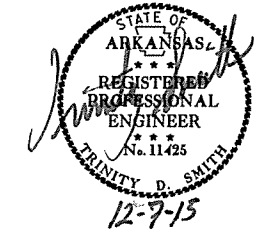
NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.



10/16/2015
R100819.DGN

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.		33	88

② TEMPORARY EROSION CONTROL DETAILS



P.I. = 884+52.81
 Δ = 27°59'39" RT.
 D = 1'15'00"
 T = 1142.59'
 L = 2239.54'
 PC = 873+10.22
 PT = 895+49.76

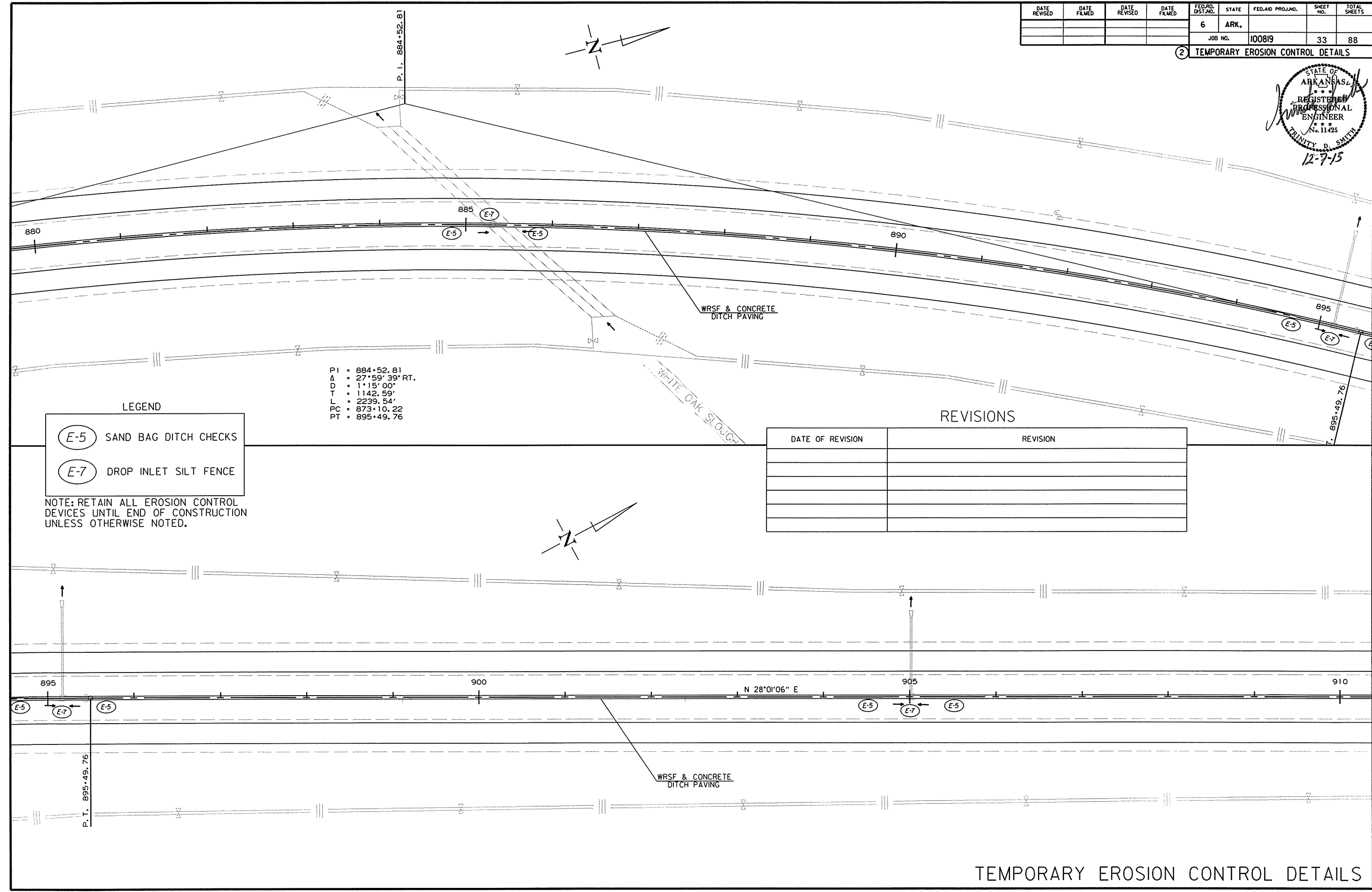
LEGEND

- E-5 SAND BAG DITCH CHECKS
- E-7 DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.

REVISIONS

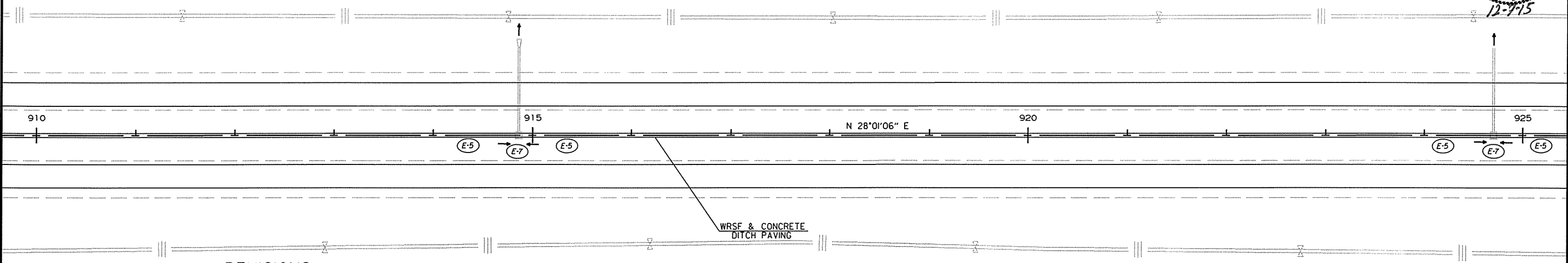
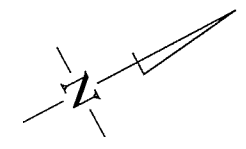
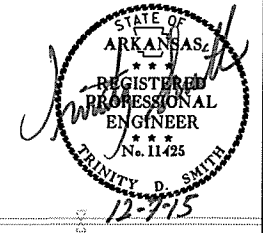
DATE OF REVISION	REVISION



10/16/2015
R100819.DGN

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
JOB NO. 100819							34	88



2 TEMPORARY EROSION CONTROL DETAILS



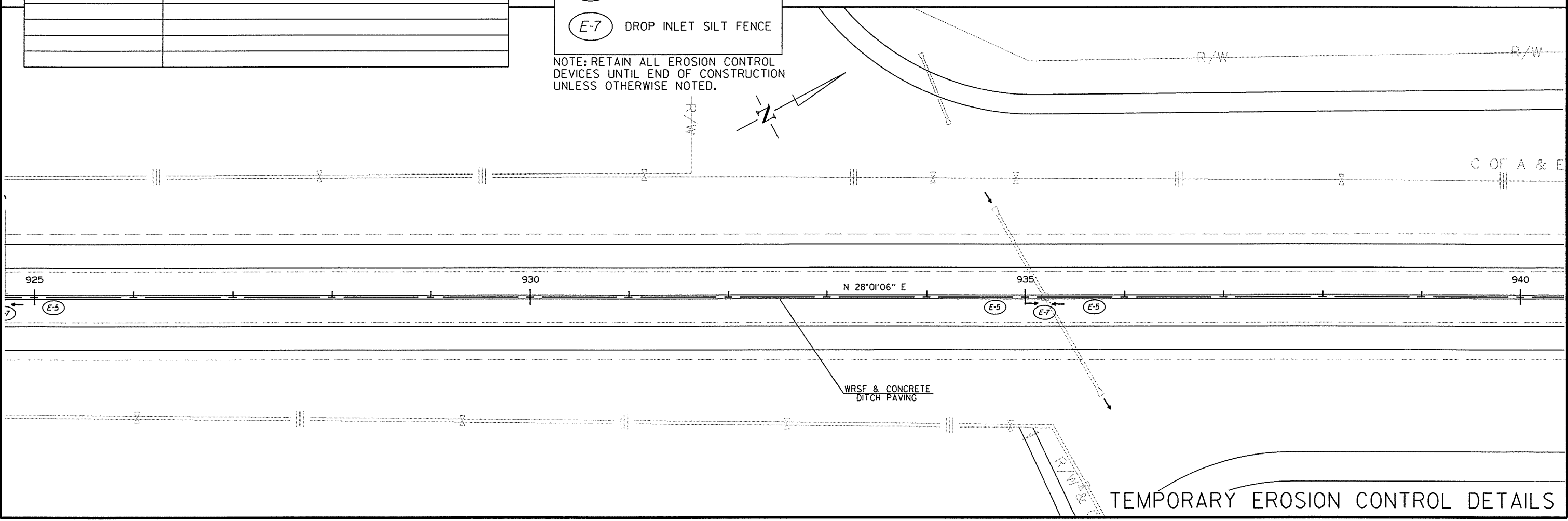
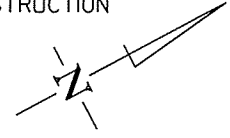
REVISIONS

DATE OF REVISION	REVISION

LEGEND

-  SAND BAG DITCH CHECKS
-  DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.



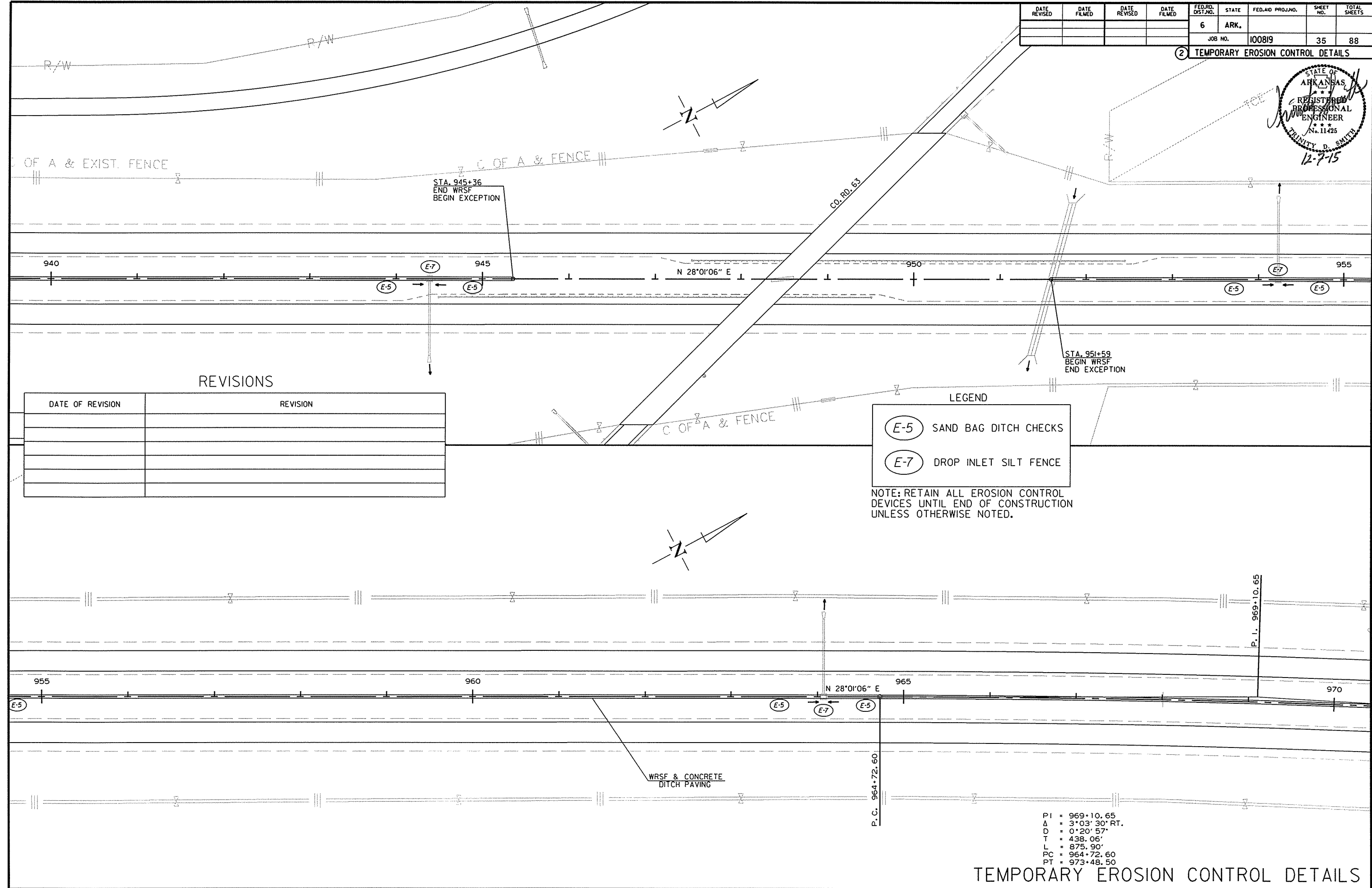
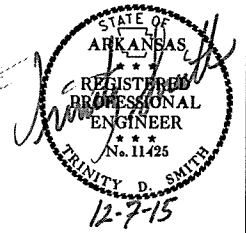
TEMPORARY EROSION CONTROL DETAILS

10/16/2015

R100819.DCN

DATE REVISED	DATE FILED	DATE REVISED	DATE FILED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.		35	88

2 TEMPORARY EROSION CONTROL DETAILS



REVISIONS

DATE OF REVISION	REVISION

LEGEND

- (E-5) SAND BAG DITCH CHECKS
- (E-7) DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.

P.I. = 969+10.65
 Δ = 3°03'30" RT.
 D = 0°20'57"
 T = 438.06'
 L = 875.90'
 PC = 964+72.60
 PT = 973+48.50

TEMPORARY EROSION CONTROL DETAILS

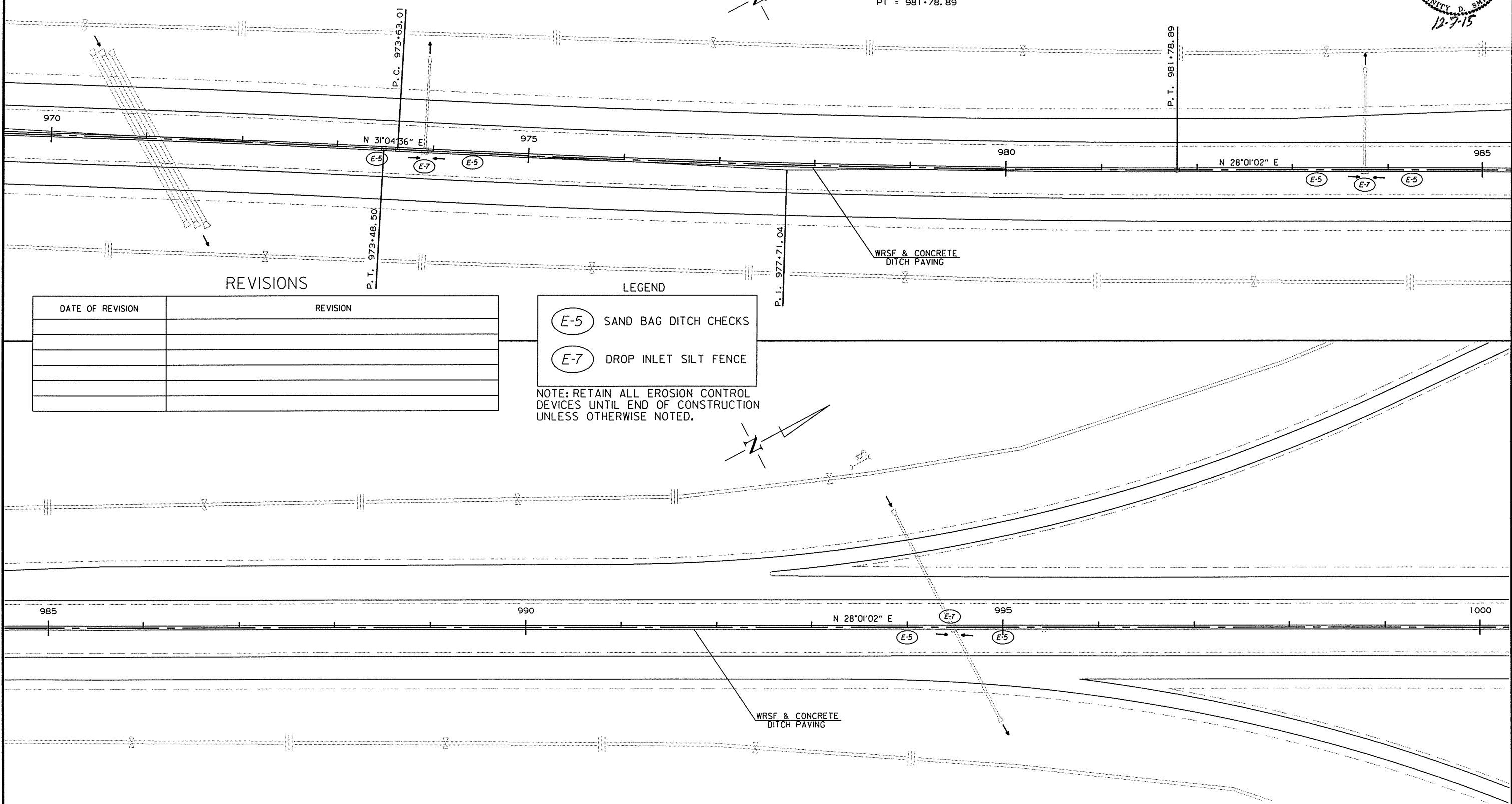
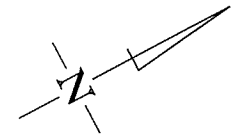
10/16/2015 R100819.DCN

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.	100819		36	88

2 TEMPORARY EROSION CONTROL DETAILS



PI = 977+71.04
 Δ = 3°03'34" L.T.
 D = 0°22'30"
 T = 408.04'
 L = 815.88'
 PC = 973+63.01
 PT = 981+78.89



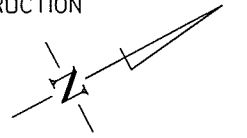
REVISIONS

DATE OF REVISION	REVISION

LEGEND

- (E-5) SAND BAG DITCH CHECKS
- (E-7) DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.

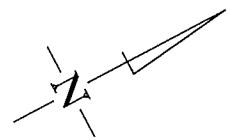


10/16/2015
R100819.DCN

TEMPORARY EROSION CONTROL DETAILS

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
JOB NO. 100819							37	88

2 TEMPORARY EROSION CONTROL DETAILS



BR. END STA. 1013+65.55

BR. NO. 6541A



LEGEND

- E-5 SAND BAG DITCH CHECKS
- E-7 DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.

REVISIONS

DATE OF REVISION	REVISION

STA. 1011+44
END WRSF
BEGIN EXCEPTION

BR. END STA. 1014+10.27



BR. END STA. 1016+47.95

BR. NO. 6541A



BR. NO. 6541B

BR. END STA. 1016+92.67

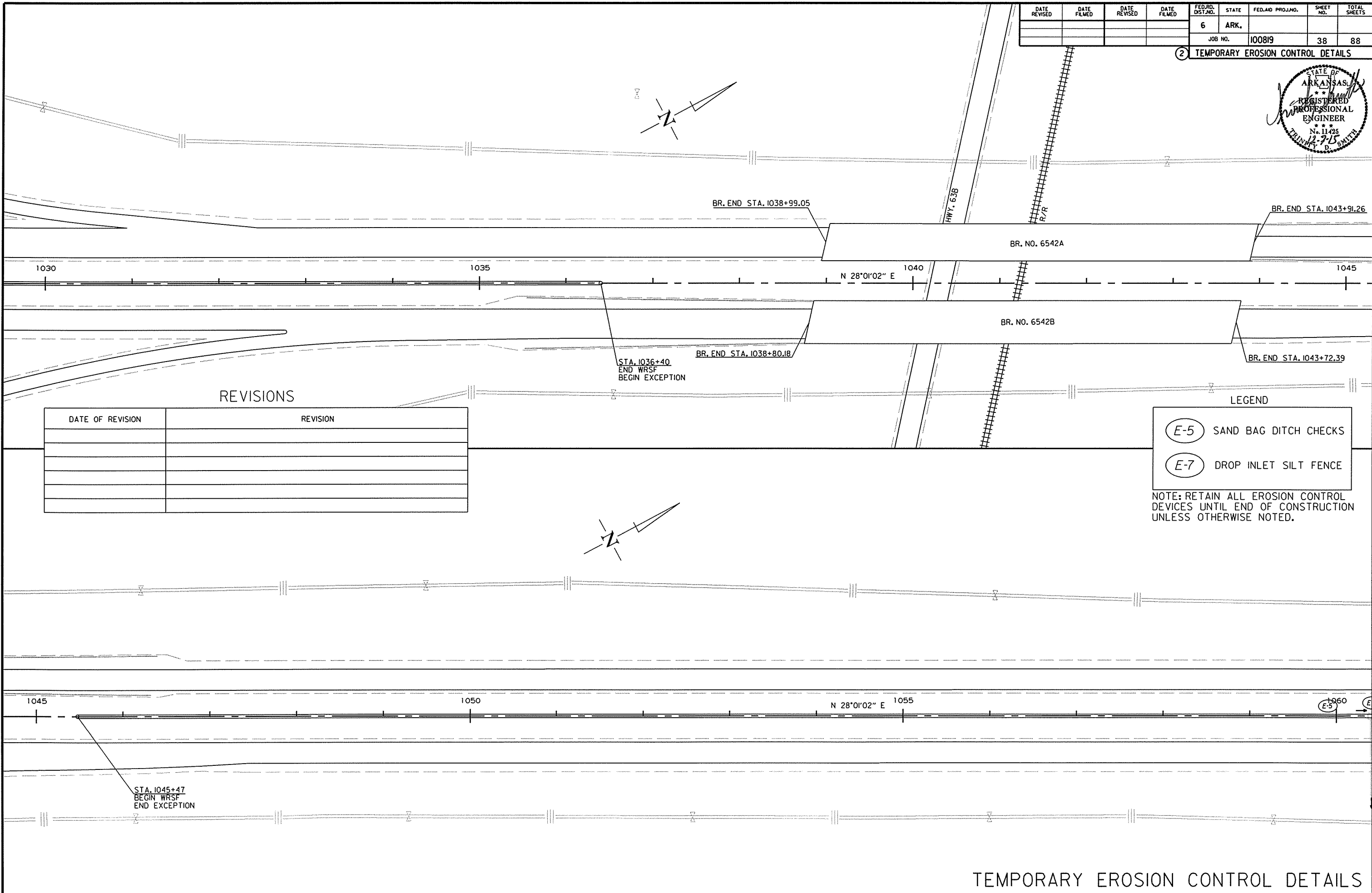
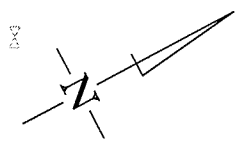
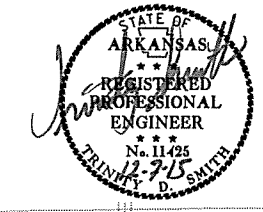
STA. 1019+09
BEGIN WRSF
END EXCEPTION

10/16/2015
R100819.DGN

TEMPORARY EROSION CONTROL DETAILS

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
JOB NO. 100819							38	88

② TEMPORARY EROSION CONTROL DETAILS



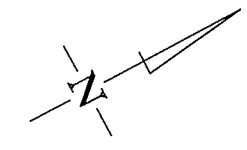
REVISIONS

DATE OF REVISION	REVISION

LEGEND

- (E-5) SAND BAG DITCH CHECKS
- (E-7) DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.

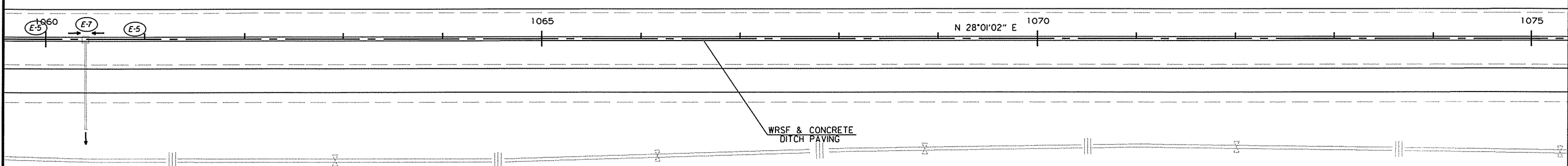
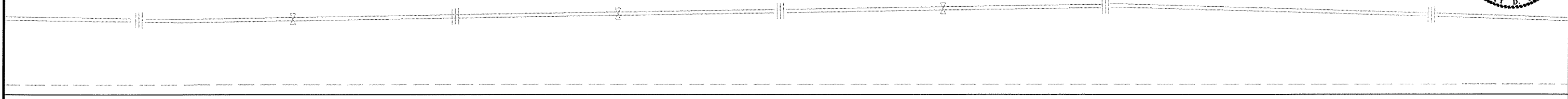
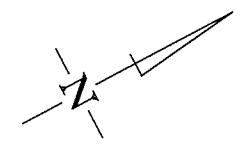
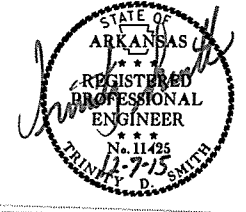


10/16/2015
R100819.DCN

TEMPORARY EROSION CONTROL DETAILS



DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.		39	88
				JOB NO.	100819			

② TEMPORARY EROSION CONTROL DETAILS



WRSF & CONCRETE DITCH PAVING

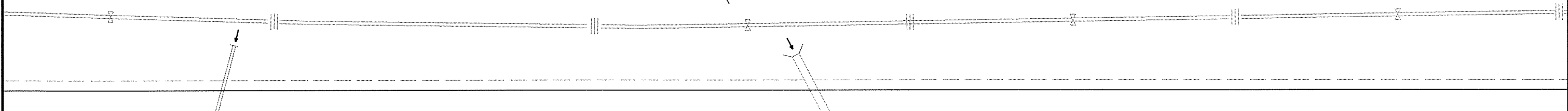
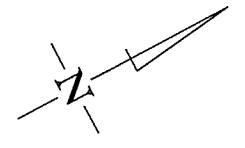
LEGEND

-  SAND BAG DITCH CHECKS
-  DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.

REVISIONS

DATE OF REVISION	REVISION



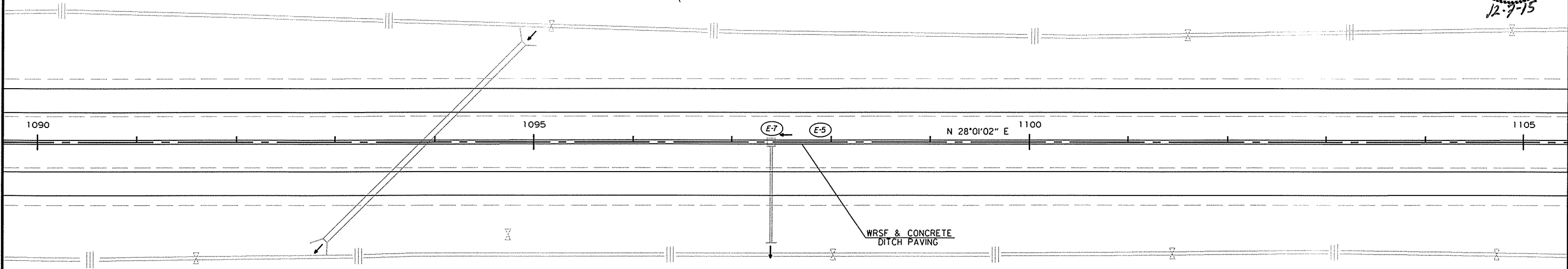
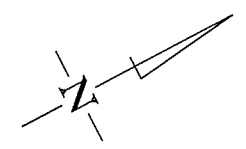
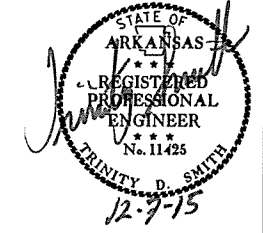
WRSF & CONCRETE DITCH PAVING

10/16/2015
R100819.DCN

TEMPORARY EROSION CONTROL DETAILS

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.		40	88

② TEMPORARY EROSION CONTROL DETAILS



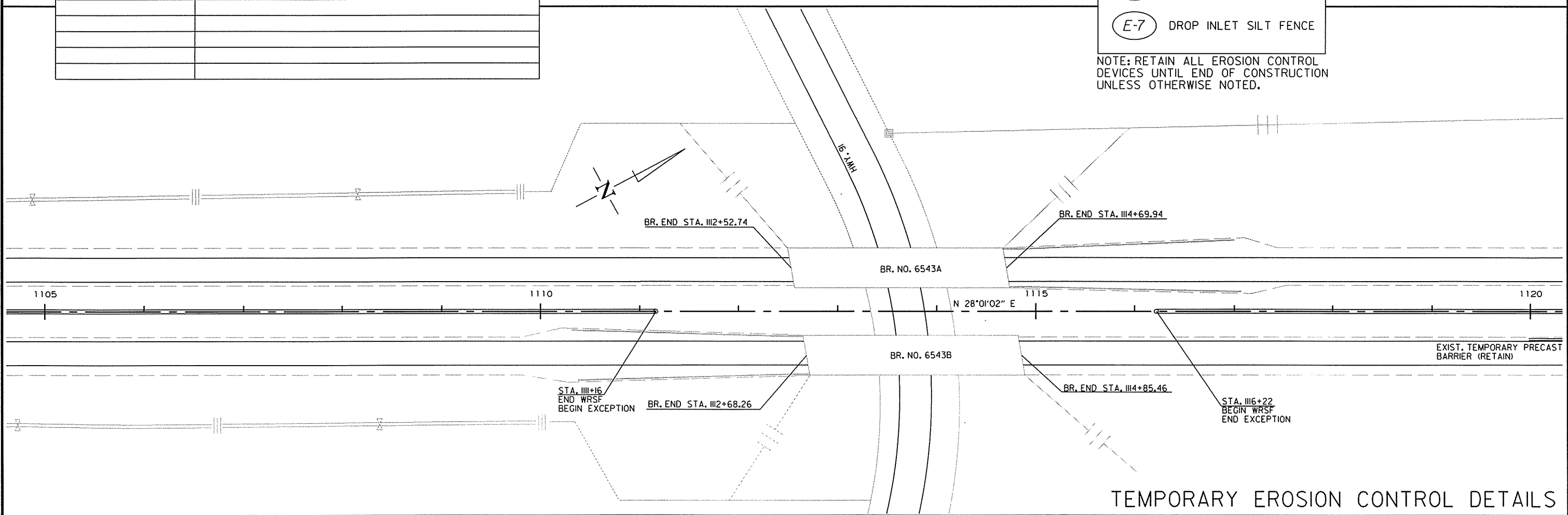
REVISIONS

DATE OF REVISION	REVISION

LEGEND

- SAND BAG DITCH CHECKS
- DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.



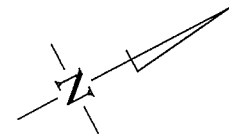
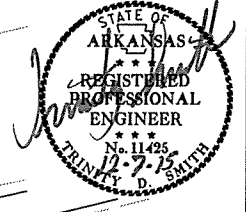
TEMPORARY EROSION CONTROL DETAILS

10/16/2015

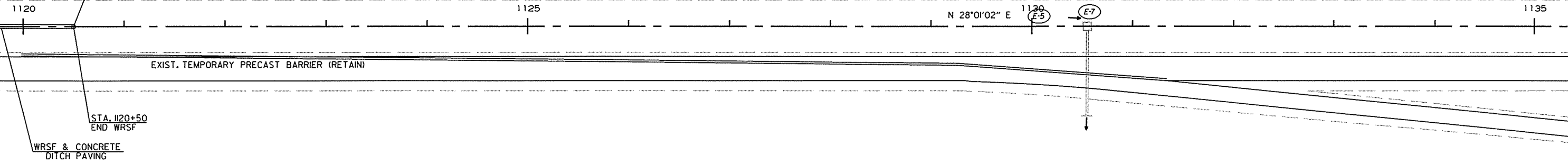
R100819.DGN

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.	100819		41	88

② TEMPORARY EROSION CONTROL DETAILS



STA. 1120+50.00
END JOB 100819
L.M. 39.90



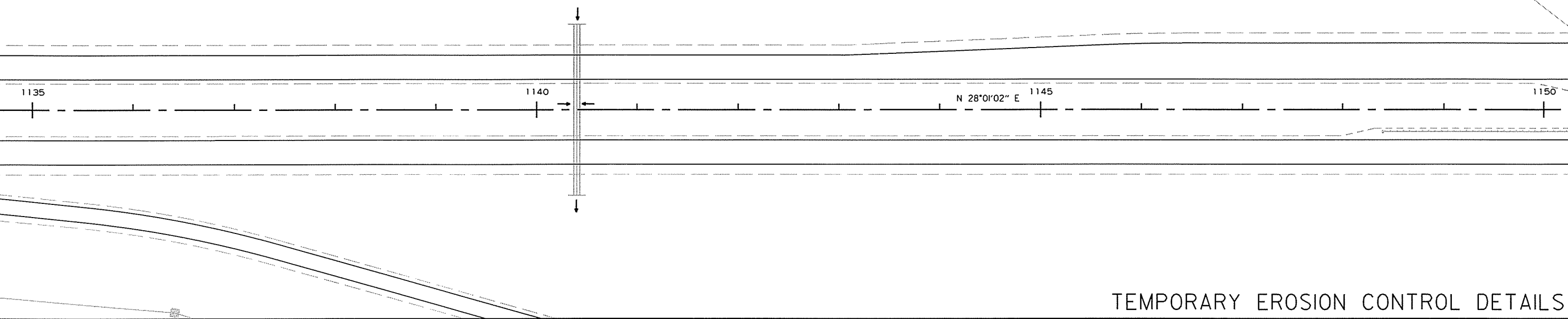
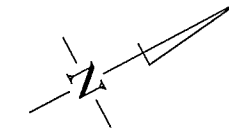
LEGEND

- (E-5) SAND BAG DITCH CHECKS
- (E-7) DROP INLET SILT FENCE

NOTE: RETAIN ALL EROSION CONTROL DEVICES UNTIL END OF CONSTRUCTION UNLESS OTHERWISE NOTED.

REVISIONS

DATE OF REVISION	REVISION



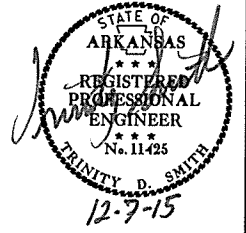
10/13/15

R100819.DGN

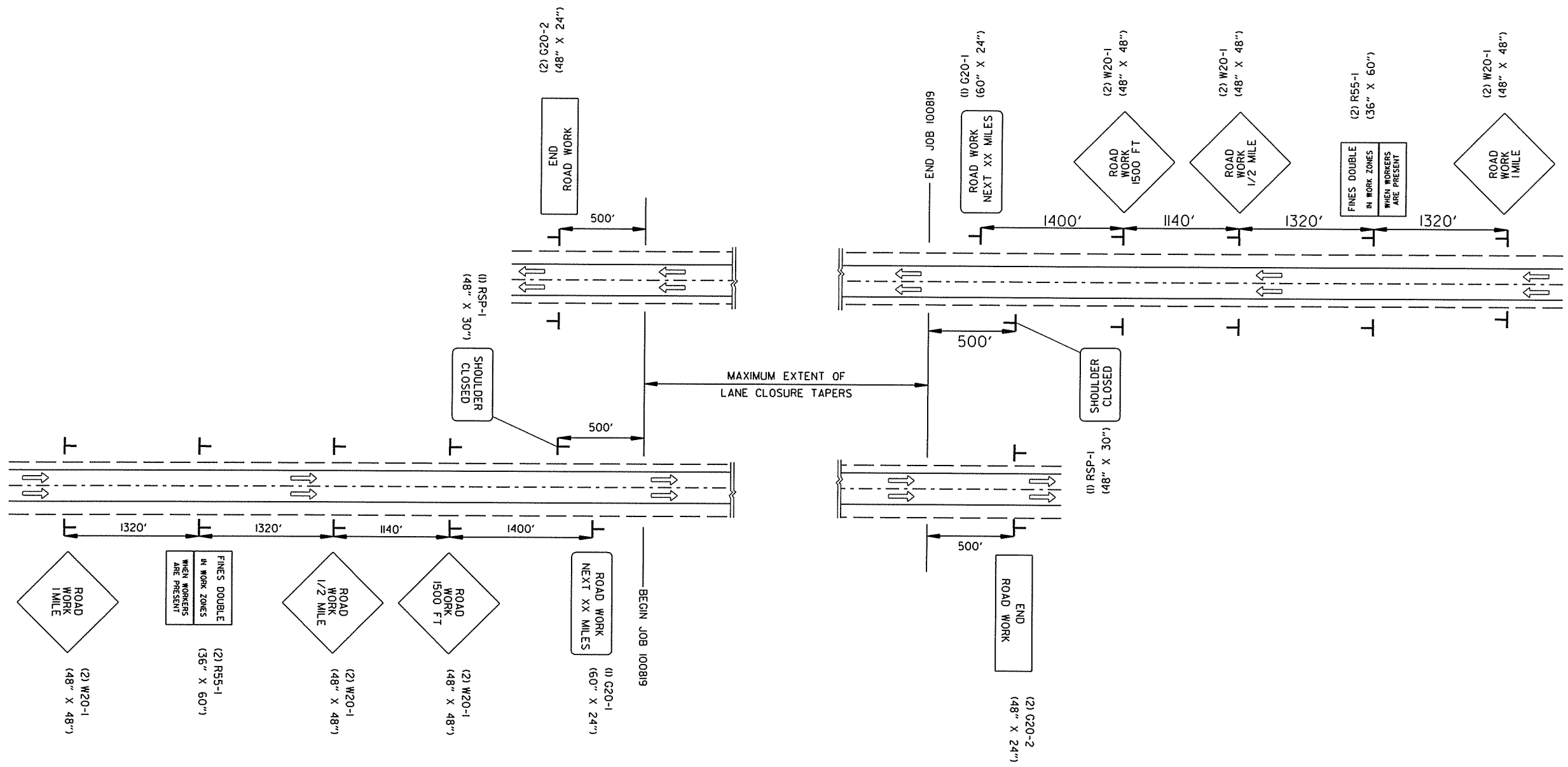
TEMPORARY EROSION CONTROL DETAILS

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.	100819		42	88

② MAINTENANCE OF TRAFFIC



PORTABLE CHANGEABLE MESSAGE SIGN
PLACED AS DIRECTED BY THE ENGINEER

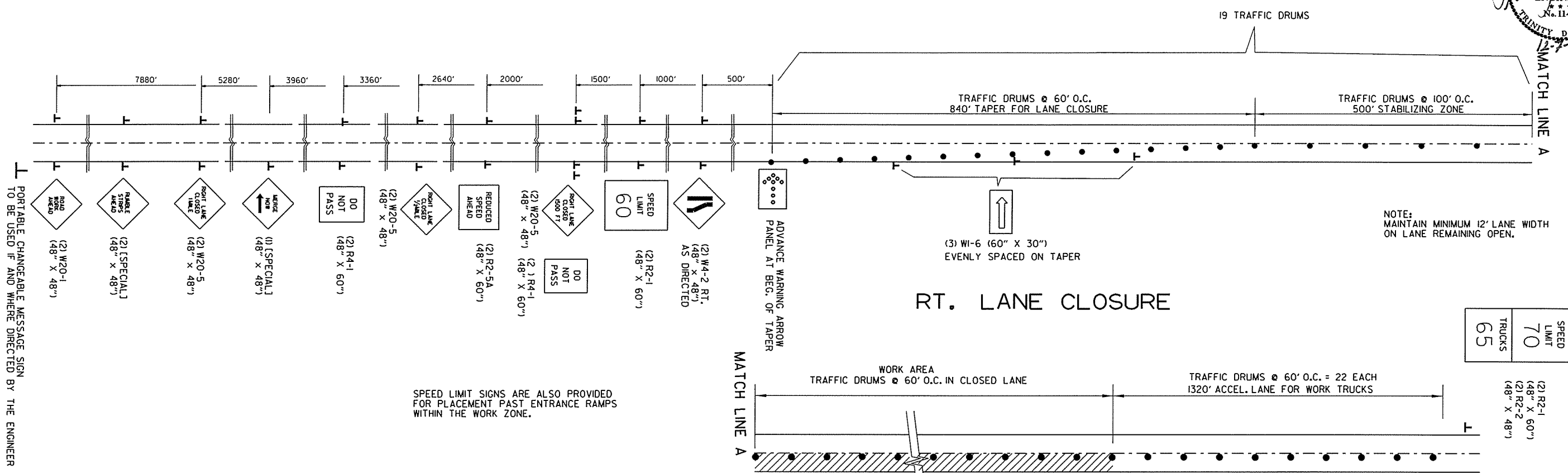
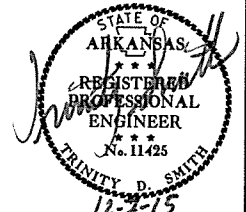


PORTABLE CHANGEABLE MESSAGE SIGN
PLACED AS DIRECTED BY THE ENGINEER

MAINTENANCE OF TRAFFIC
ADVANCE SIGNS AT JOB ENDS

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.		43	88
						JOB NO.	100819	

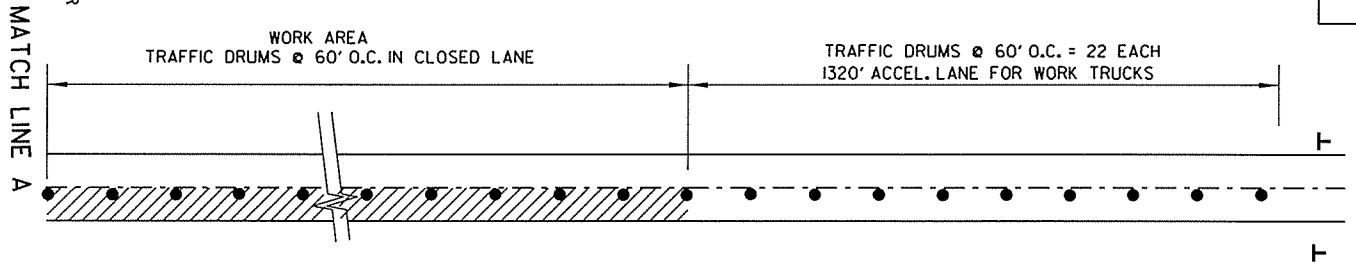
② MAINTENANCE OF TRAFFIC



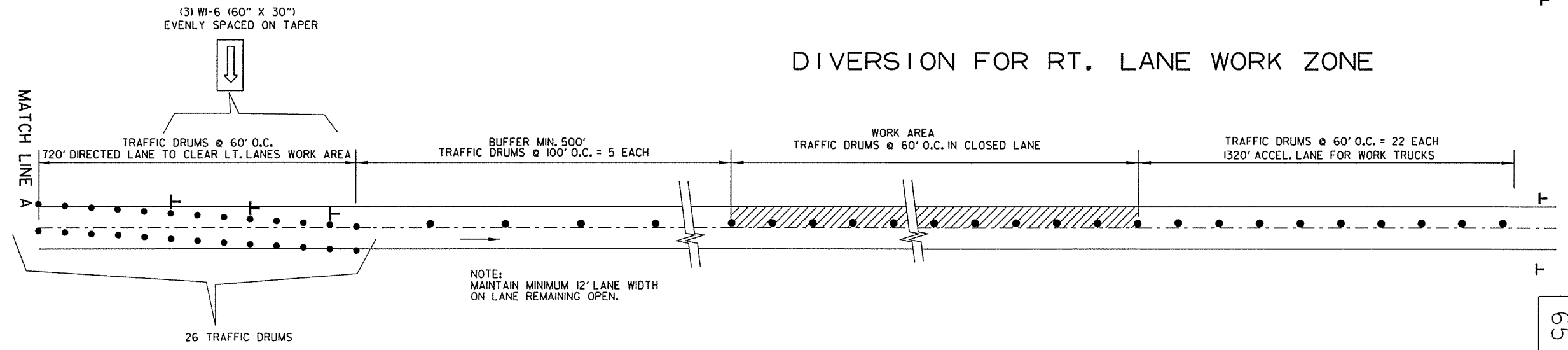
NOTE: MAINTAIN MINIMUM 12' LANE WIDTH ON LANE REMAINING OPEN.

SPEED LIMIT	70
TRUCKS	65

(2) R2-1 (48" X 60")
(2) R2-2 (48" X 48")



DIVERSION FOR RT. LANE WORK ZONE



NOTE: MAINTAIN MINIMUM 12' LANE WIDTH ON LANE REMAINING OPEN.

SPEED LIMIT	70
TRUCKS	65

(2) R2-1 (48" X 60")
(2) R2-2 (48" X 48")

DIVERSION FOR LT. LANE WORK ZONE

MAINTENANCE OF TRAFFIC LANE CLOSURE

PORTABLE CHANGEABLE MESSAGE SIGN TO BE USED IF AND WHERE DIRECTED BY THE ENGINEER

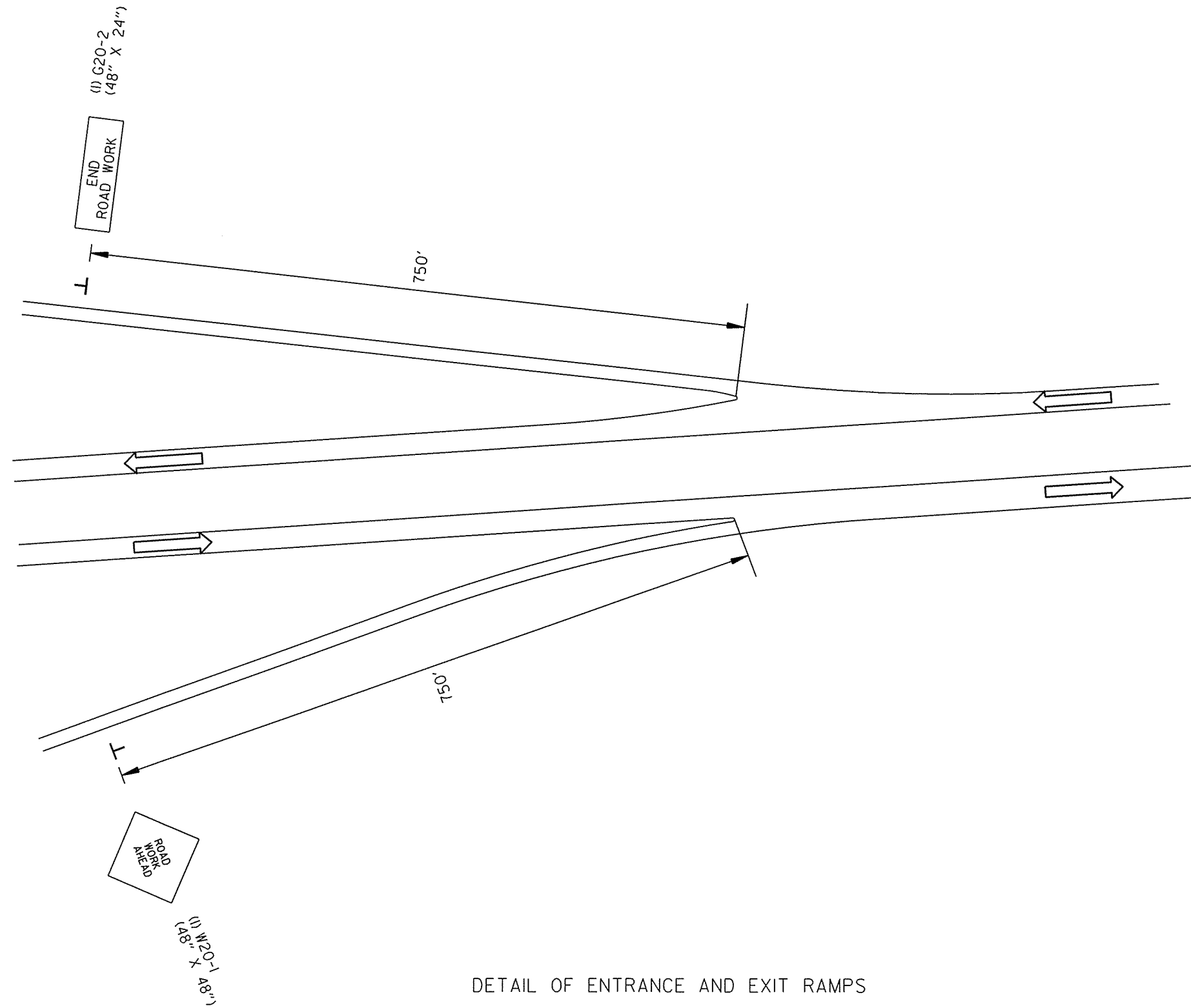
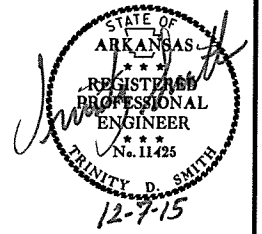
2102/2/2

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ADVANCE WARNING SIGNS FOR ENTRANCE AND EXIT RAMP
 ROAD WORK AHEAD (3) = 48 SQ. FT.
 END ROAD WORK (2) = 16 SQ. FT.

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS	
				6	ARK.				
JOB NO.							100819	44	88

② MAINTENANCE OF TRAFFIC



DETAIL OF ENTRANCE AND EXIT RAMP

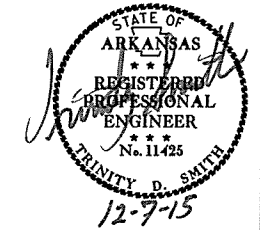
MAINTENANCE OF TRAFFIC
 DETAIL OF RAMPS

2/27/2015

R100819.DGN

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.		45	88
				JOB NO.	100819			

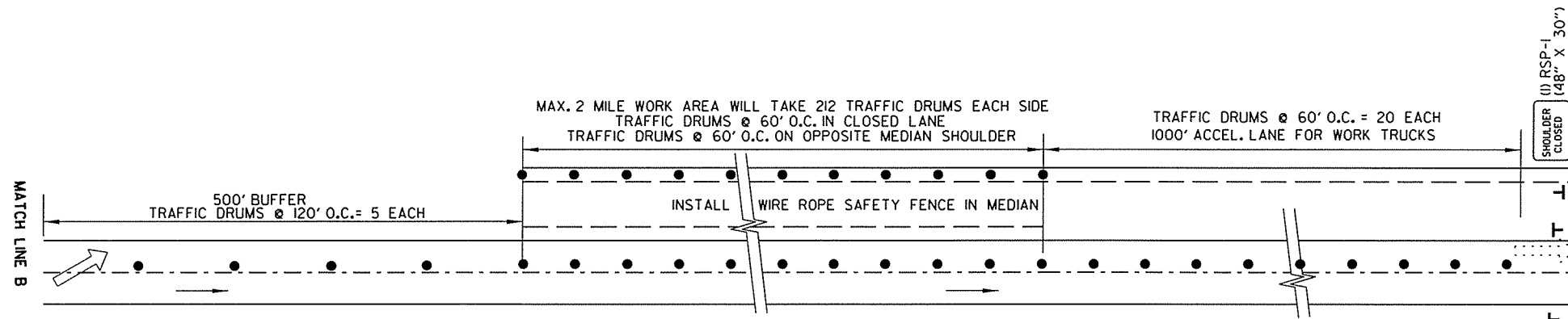
② MAINTENANCE OF TRAFFIC



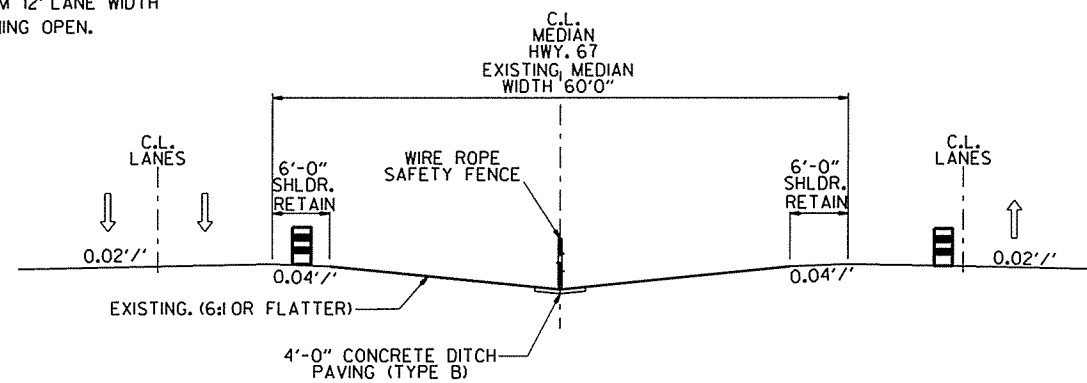
→ WORK VEHICLE ENTRY LOCATION

⋯⋯⋯ WORK VEHICLE EXIT LOCATION

NOTE: CONTRACTOR MUST UTILIZE ENTRY/EXIT LOCATION AS SHOWN ON THE PLANS.



NOTE:
MAINTAIN MINIMUM 12' LANE WIDTH
ON LANE REMAINING OPEN.



MOVABLE WORK ZONE FOR WRSF INSTALLATION

TRUCKS
65

•(2) R2-2
(48" X 48")

SPEED
LIMIT
70

•(2) R2-1
(48" X 60")

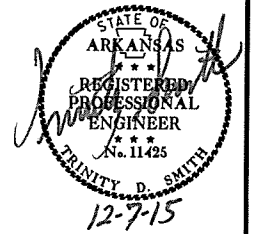
•SPEED LIMIT SIGNS SHALL MATCH
PERMANENT SPEED LIMIT.

NOTE: REFER TO SP-MAINTENANCE OF TRAFFIC FOR LANE CLOSURE LIMITATIONS AND RESTRICTIONS.
QUANTITY OF TRAFFIC DRUMS PROVIDED IN THE CONTRACT IS THE MAXIMUM NUMBER REQUIRED
FOR ONE LANE CLOSURE.

MAINTENANCE OF TRAFFIC
WORK AREAS

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.	100819		46	88

② QUANTITIES



ADVANCE WARNING SIGNS AND DEVICES

SIGN NUMBER	DESCRIPTION	SIGN SIZE	ENTIRE PROJECT	MAXIMUM NUMBER REQUIRED	TOTAL SIGNS REQUIRED		TRAFFIC DRUMS	ADVANCE WARNING ARROW PANEL	PORTABLE CHANGEABLE MESSAGE SIGN
			LIN. FT. - EACH		NO.	SQ. FT.			
W20-1	ROAD WORK 1500 FT.	48"x48"	4	4	4	64.0			
W20-1	ROAD WORK 1/2 MILE	48"x48"	4	4	4	64.0			
W20-1	ROAD WORK 1 MILE	48"x48"	4	4	4	64.0			
W20-1	ROAD WORK AHEAD	48"x48"	5	5	5	80.0			
G20-2	END ROAD WORK	48"x24"	6	6	6	48.0			
G20-1	ROAD WORK NEXT XX MILES	60"x24"	2	2	2	20.0			
W20-5	RIGHT LANE CLOSED 1 MILE	48"x48"	2	2	2	32.0			
W20-5	RIGHT LANE CLOSED 1/2 MILE	48"x48"	2	2	2	32.0			
W20-5	RIGHT LANE CLOSED 1500 FT.	48"x48"	2	2	2	32.0			
SPECIAL	MERGE NOW W/ ARROW	48"x48"	1	1	1	16.0			
R2-5A	REDUCED SPEED AHEAD	48"x60"	2	2	2	40.0			
R55-1	FINES DOUBLE IN WORK ZONES	36"x60"	4	4	4	60.0			
W1-6	LARGE ARROW	48"x24"	6	6	6	48.0			
R4-1	DO NOT PASS	48"x60"	4	4	4	80.0			
R2-1	SPEED LIMIT 60 MPH	48"x60"	3	3	3	60.0			
R2-1	SPEED LIMIT 70 MPH	48"x60"	2	2	2	40.0			
R2-2	TRUCKS SPEED LIMIT 65 MPH	48"x60"	2	2	2	40.0			
W4-2R	MERGE RIGHT	48"x48"	2	2	2	32.0			
RSP-1	SHOULDER CLOSED	48"X30"	2	2	2	20.0			
	TRAFFIC DRUMS		424	424			424		
	ADVANCE WARNING ARROW PANEL			1			14		
	PORTABLE CHANGEABLE MESSAGE SIGN			2				4	
TOTALS:						872.0	424	14	4

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

NOTE: THE QUANTITY OF TRAFFIC DRUMS PROVIDED IS FOR ONE 2 MILE LANE CLOSURE AND ONE 2 MILE SHOULDER CLOSURE. HOWEVER, THE INSTALLATION OF TRAFFIC DRUMS SHALL NEVER EXCEED THE ACTUAL WORK AREA BY MORE THAN 1/4 MILE, UNLESS APPROVED BY THE ENGINEER.

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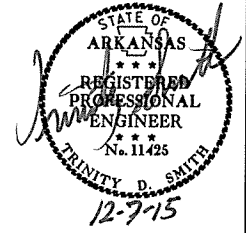
QUANTITIES

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.	100819		47	88

WIRE ROPE SAFETY FENCE

STATION	STATION	LOCATION	WIRE ROPE SAFETY FENCE	* WRSF ANCHOR	WRSF MAINTENANCE MATERIALS	**WRSF (POST REPAIR)
			LIN. FT	EACH	LUMP SUM	EACH
105+22	300+15	C.L. MEDIAN OF HWY. 67	19493	2		
301+05	379+40	C.L. MEDIAN OF HWY. 66	7835	2		
385+20	433+11	C.L. MEDIAN OF HWY. 67	4791	2		
434+01	487+96	C.L. MEDIAN OF HWY. 67	5395	2		
493+75	568+69	C.L. MEDIAN OF HWY. 67	7494	2		
579+79	719+55	C.L. MEDIAN OF HWY. 67	13976	2		
726+90	867+85	C.L. MEDIAN OF HWY. 67	14095	2		
868+75	945+36	C.L. MEDIAN OF HWY. 68	7661	2		
951+59	1011+44	C.L. MEDIAN OF HWY. 67	5985	2		
1019+09	1036+40	C.L. MEDIAN OF HWY. 67	1731	2		
1045+47	1111+16	C.L. MEDIAN OF HWY. 67	6569	2		
1116+22	1120+50	C.L. MEDIAN OF HWY. 67	428	2		
ENTIRE	PROJECT				1.00	50
TOTALS:			95453	24	1.00	50

② QUANTITIES



* SHOWN FOR INFORMATION ONLY.
 ** QUANTITY ESTIMATED
 SEE SECTION 104.03 OF THE STD. SPECS.

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.
105+22	300+15	C.L. MEDIAN OF HWY. 67	19493.00	4	8663.56	8663.56	109.16
301+05	379+40	C.L. MEDIAN OF HWY. 66	7835.00	4	3482.22	3482.22	43.88
385+20	433+11	C.L. MEDIAN OF HWY. 67	4791.00	4	2129.33	2129.33	26.83
434+01	487+96	C.L. MEDIAN OF HWY. 67	5395.00	4	2397.78	2397.78	30.21
493+75	568+69	C.L. MEDIAN OF HWY. 67	7494.00	4	3330.67	3330.67	41.97
579+79	719+55	C.L. MEDIAN OF HWY. 67	13976.00	4	6211.56	6211.56	78.27
726+90	867+85	C.L. MEDIAN OF HWY. 67	14095.00	4	6264.44	6264.44	78.93
868+75	945+36	C.L. MEDIAN OF HWY. 68	7661.00	4	3404.89	3404.89	42.90
951+59	1011+44	C.L. MEDIAN OF HWY. 67	5985.00	4	2660.00	2660.00	33.52
1019+09	1036+40	C.L. MEDIAN OF HWY. 67	1731.00	4	769.33	769.33	9.69
1045+47	1111+16	C.L. MEDIAN OF HWY. 67	6569.00	4	2919.56	2919.56	36.79
1116+22	1120+50	C.L. MEDIAN OF HWY. 67	428.00	4	190.22	190.22	2.40
TOTALS:					42423.56	42423.56	534.55

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

EROSION CONTROL

STATION	STATION	LOCATION	TEMPORARY EROSION CONTROL		
			SAND BAG DITCH CHECKS	DROP INLET SILT FENCE	*SEDIMENT REMOVAL & DISPOSAL
			(E-5) BAG	(E-7) LIN. FT.	CU. YD.
ENTIRE	PROJECT	MAIN LANES	4158	2450	280
*ENTIRE PROJECT TO BE USED IF AND WHERE DIRECTED BY THE ENGINEER.			220	100	4
TOTALS:			4378	2550	284

BASIS OF ESTIMATE:
 SAND BAG DITCH CHECKS.....22 BAGS / LOCATION
 DROP INLET SILT FENCE.....25 LIN. FT./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.

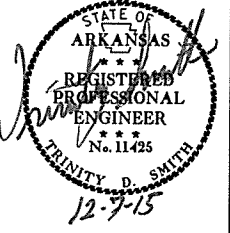
*QUANTITIES ESTIMATED.
 SEE SECTION 104.03 OF THE STD. SPECS.

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DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.	100819		48	88

② SUMMARY OF QUANTITIES AND REVISIONS



SUMMARY OF QUANTITIES

ITEM NUMBER	ITEM	QUANTITY	UNIT
601	MOBILIZATION	1.00	LUMP SUM
SP & 603	MAINTENANCE OF TRAFFIC	1.00	LUMP SUM
SS & 604	SIGNS	872	SQ. FT.
SS & 604	TRAFFIC DRUMS	424	EACH
604	ADVANCE WARNING ARROW PANEL	14	DAY
SP & 604	PORTABLE CHANGEABLE MESSAGE SIGN	4	WEEK
SP & 605	CONCRETE DITCH PAVING (TYPE B)	42424	SQ. YD.
620	WATER	534.6	M.GAL.
621	SAND BAG DITCH CHECKS	4378	BAG
621	DROP INLET SILT FENCE	2550	LIN. FT.
621	SEDIMENT REMOVAL AND DISPOSAL	284	CU. YD.
624	SOLID SODDING	42424	SQ. YD.
635	ROADWAY CONSTRUCTION CONTROL	1.00	LUMP SUM
SP	WIRE ROPE SAFETY FENCE	95453	LIN. FT
SP	WIRE ROPE SAFETY FENCE MAINTENANCE MATERIALS	1.00	LUMP SUM
SP	WIRE ROPE SAFETY FENCE (POST REPAIR)	50	EACH

REVISIONS

DATE	REVISION	SHEET NUMBER

10/16/2015
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				6	ARK.			
JOB NO. 100819							49	88

② PLAN SHEETS

STA. 112+45 - EXISTING
TYPE RM DROP INLET IN MEDIAN
(4' X 3' X H = 2.75') WITH
24" X 87' R.C. PIPE OUTLET
(CLASS III WITH TYPE 3 BEDDING & F.E.S. LT.
RETAIN



STA. 105+21.98
BEGIN JOB 100819
L.M. 20.67

STA. 105+22
BEGIN WRSF

PI = 123+57.08
Δ = 22°50'32" LT.
D = 1°30'00"
T = 771.65'
L = 1522.81'
PC = 115+85.43
PT = 131+08.24

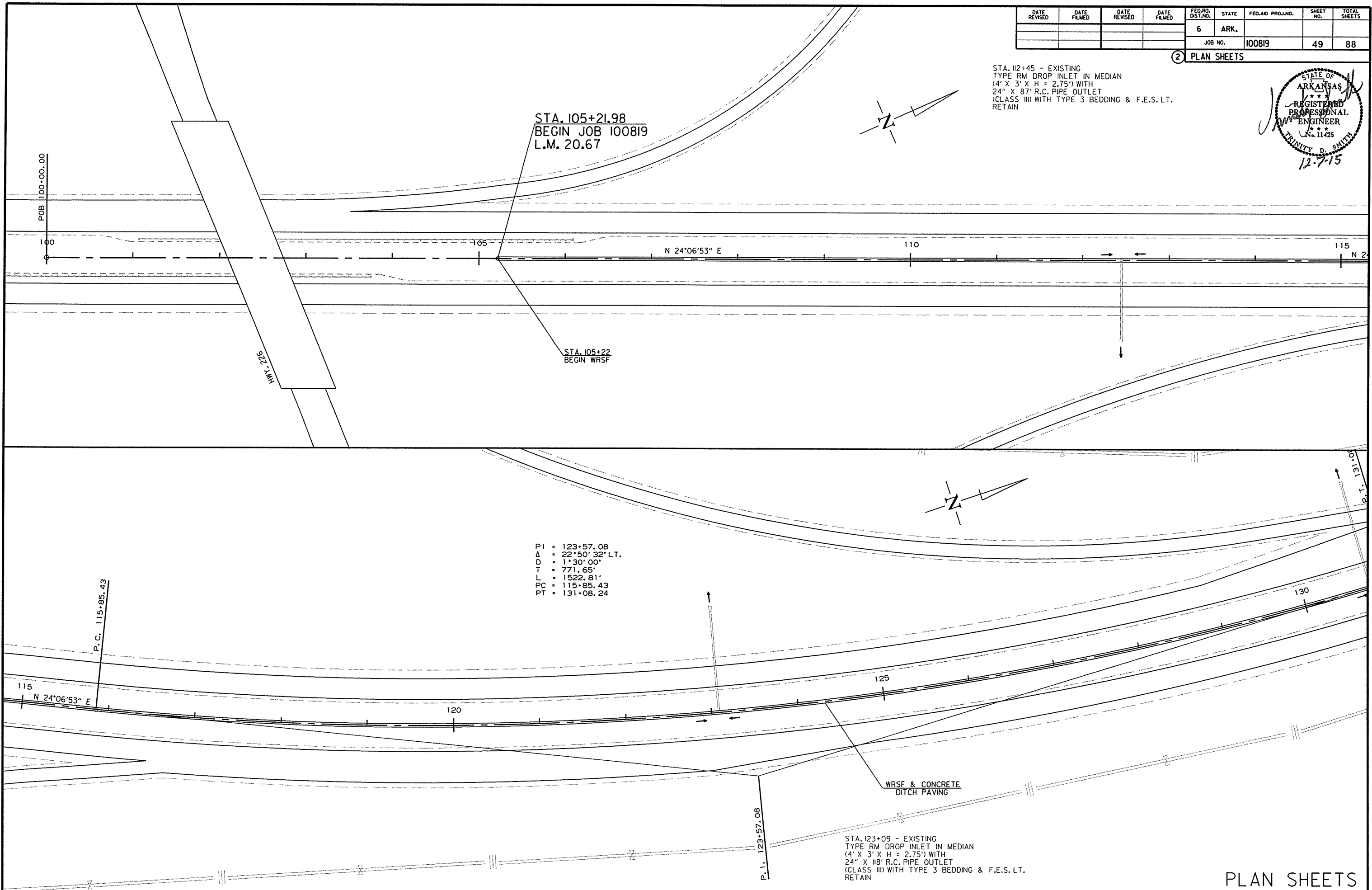
STA. 123+09 - EXISTING
TYPE RM DROP INLET IN MEDIAN
(4' X 3' X H = 2.75') WITH
24" X 118' R.C. PIPE OUTLET
(CLASS III WITH TYPE 3 BEDDING & F.E.S. LT.
RETAIN

WRSF & CONCRETE
DITCH PAVING

PLAN SHEETS

10/13/15

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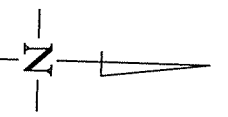
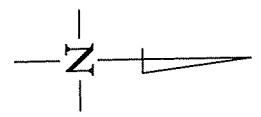
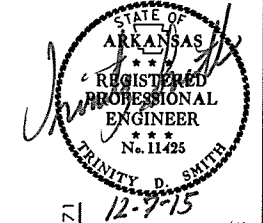
STA. 130+78 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 120' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

STA. 141+81 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 84' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

STA. 143+38 - EXISTING
 24" X 171' R.C. PIPE CULV'T
 CLASS III (85' LT. & 86' RT.) WITH
 TYPE 3 BEDDING & F.E.S. LT. & RT.
 RETAIN

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				6	ARK.		50	88

2 PLAN SHEETS



PI = 151+11.15
 Δ = 4°50'54" LT.
 D = 0°20'57"
 T = 694.45'
 L = 1388.06'
 PC = 144+16.71
 PT = 158+04.77

WRSF & CONCRETE
 DITCH PAVING

WRSF & CONCRETE
 DITCH PAVING

STA. 151+72 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 83' R.C. PIPE OUTLET
 RETAIN

PLAN SHEETS

10/16/2015

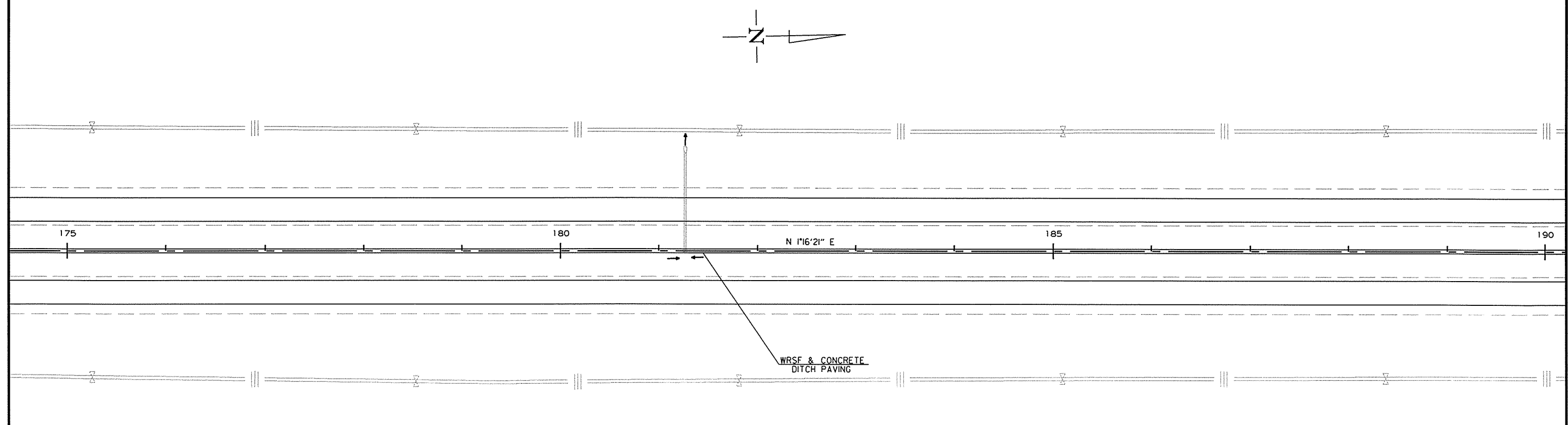
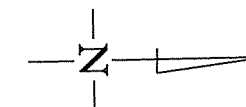
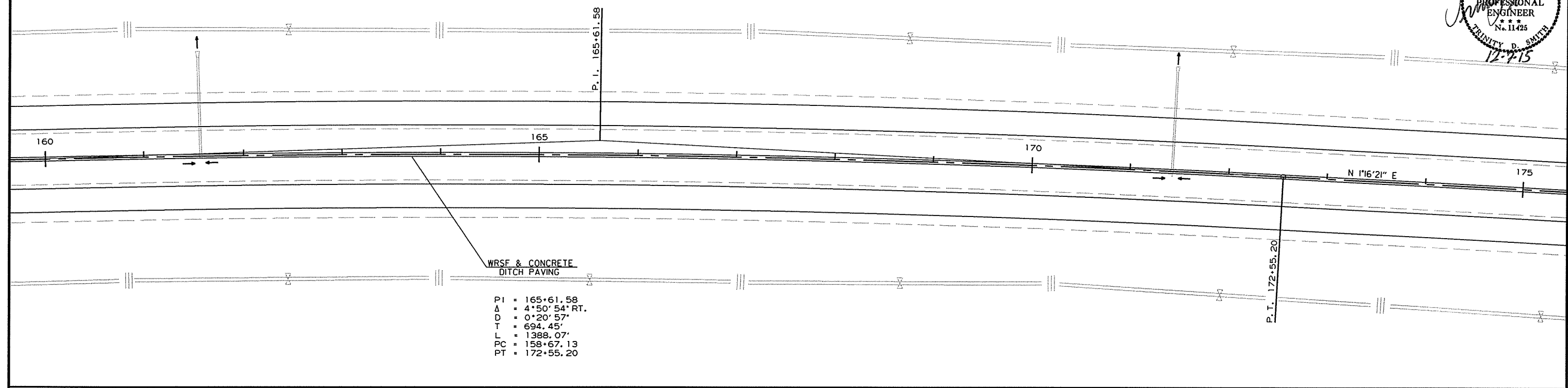
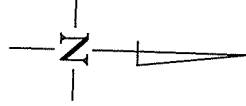
R100819.DGN

STA. 161+57 - RETAINING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 85' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
							JOB NO.	
							100819	51
							88	

2 PLAN SHEETS

STA. 171+42 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 93' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN



STA. 181+27 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 95' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

PLAN SHEETS

10/16/2015

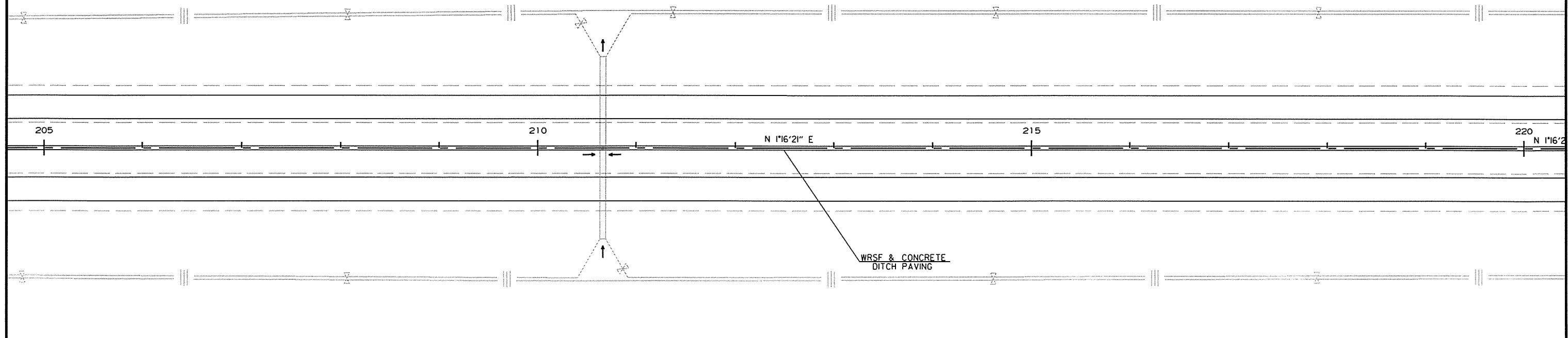
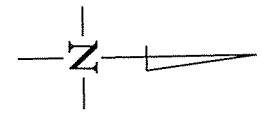
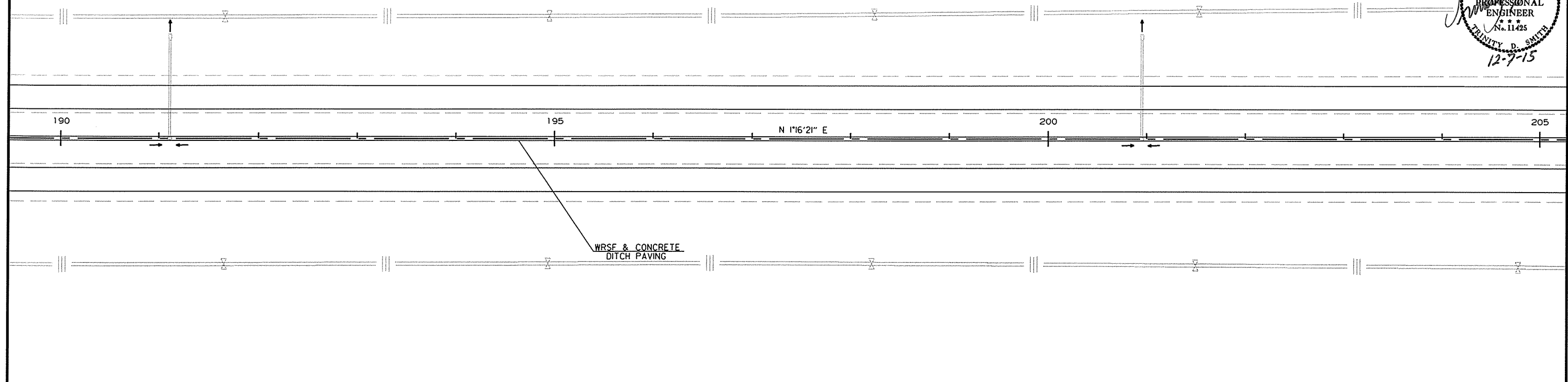
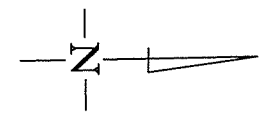
R100819.DGN

STA. 191+11 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 96" R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

STA. 200+95 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 97" R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.		52	88

② PLAN SHEETS



STA. 210+66 - EXISTING
 6' X 6' X 185" R.C. BOX CULV'T
 RETAIN

PLAN SHEETS

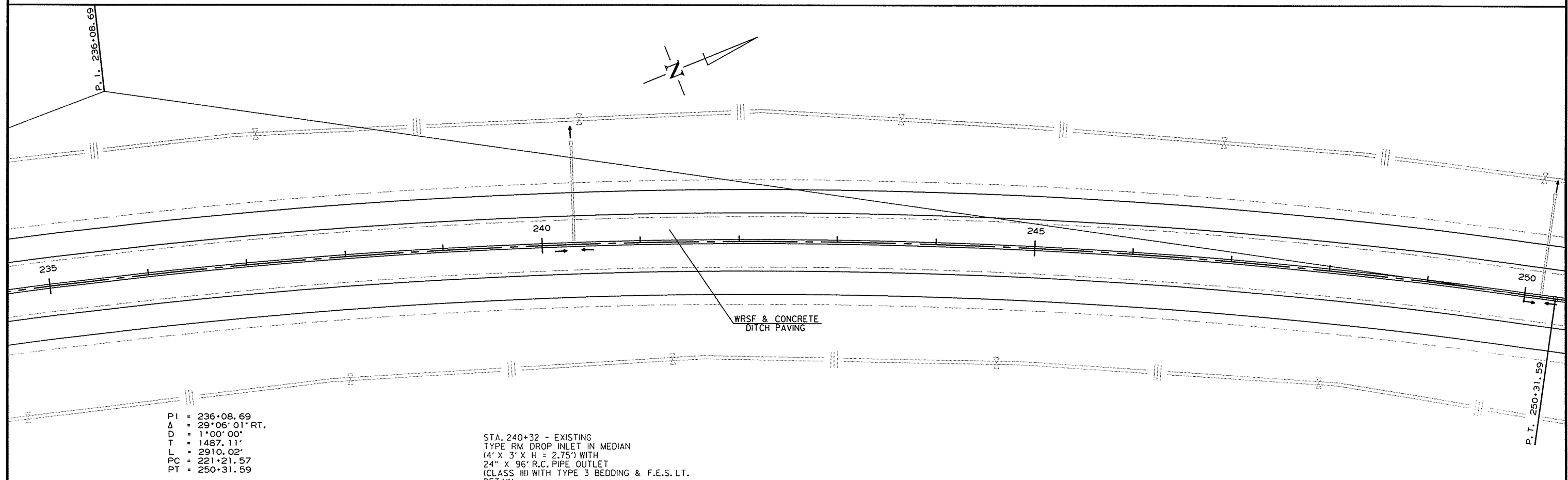
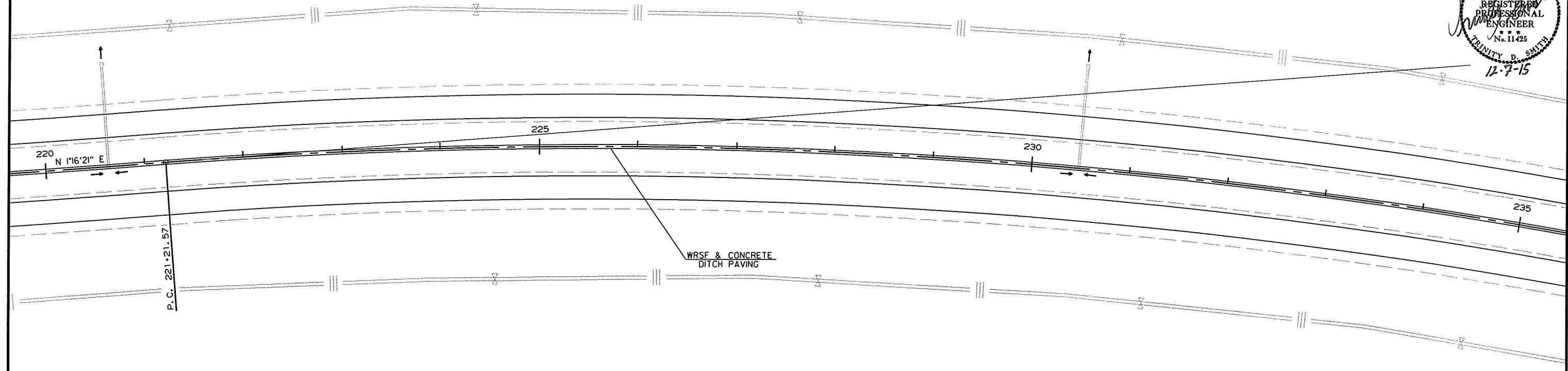
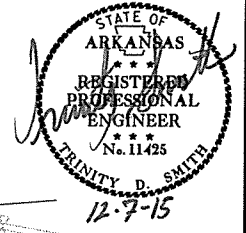
10/16/2015

R100819.DCN

STA. 220+64 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 99' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.

STA. 230+48 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 99' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
						JOB NO.	100819	53
						2 PLAN SHEETS		



PI = 236+08.69
 Δ = 29°06'01" RT.
 D = 1°00'00"
 T = 1487.11'
 L = 2910.02'
 PC = 221+21.57
 PT = 250+31.59

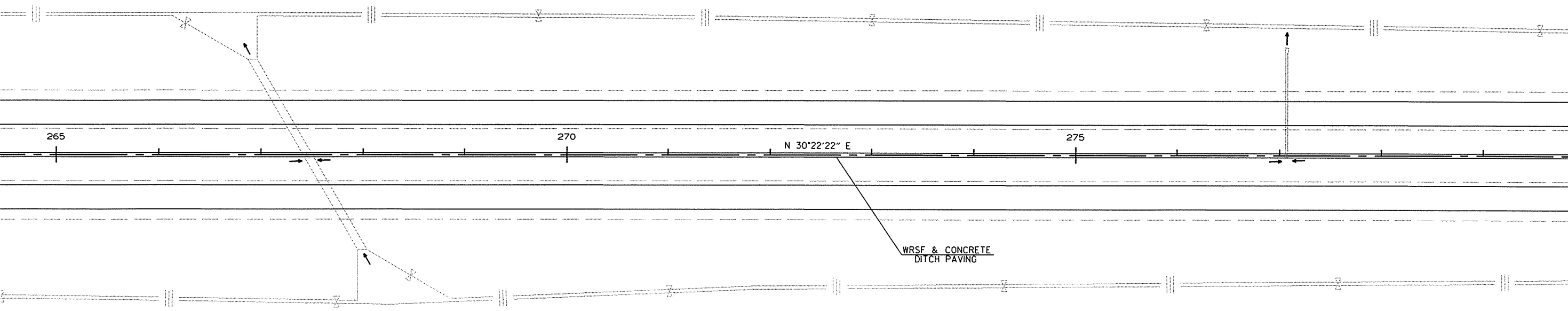
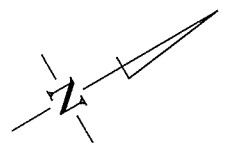
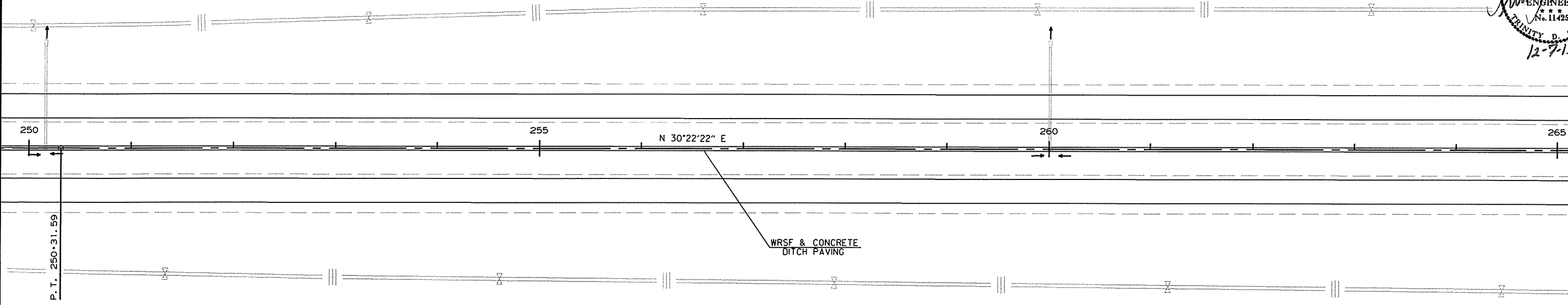
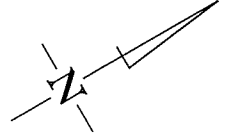
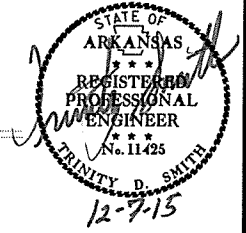
STA. 240+32 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 96' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

STA. 250+17 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 93' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S.L.T.
 RETAIN

STA. 260+01 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 103' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S.L.T.
 RETAIN

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
						JOB NO.	100819	54 88

2 PLAN SHEETS



STA. 267+44 - EXISTING
 8' X 6' X 215' R.C. BOX CULV'T
 (30° RT. FWD. SKEW)
 RETAIN

STA. 267+44 - EXISTING
 TYPE TM DROP INLET IN MEDIAN
 (3' X 2.5' X H = 3.75')
 ON TOP OF R.C. BOX CULV'T

STA. 277+07 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 94' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S.L.T.
 RETAIN

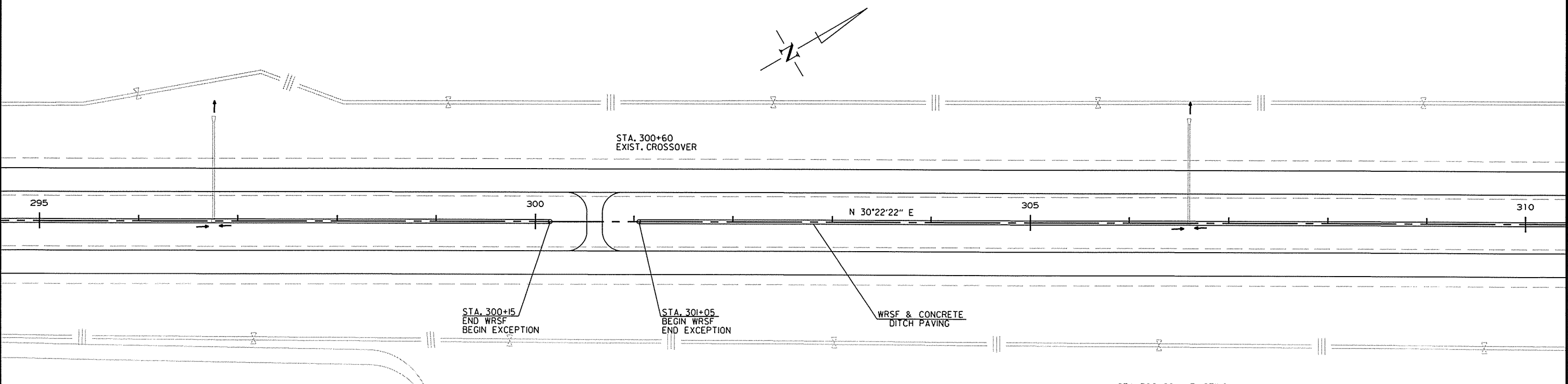
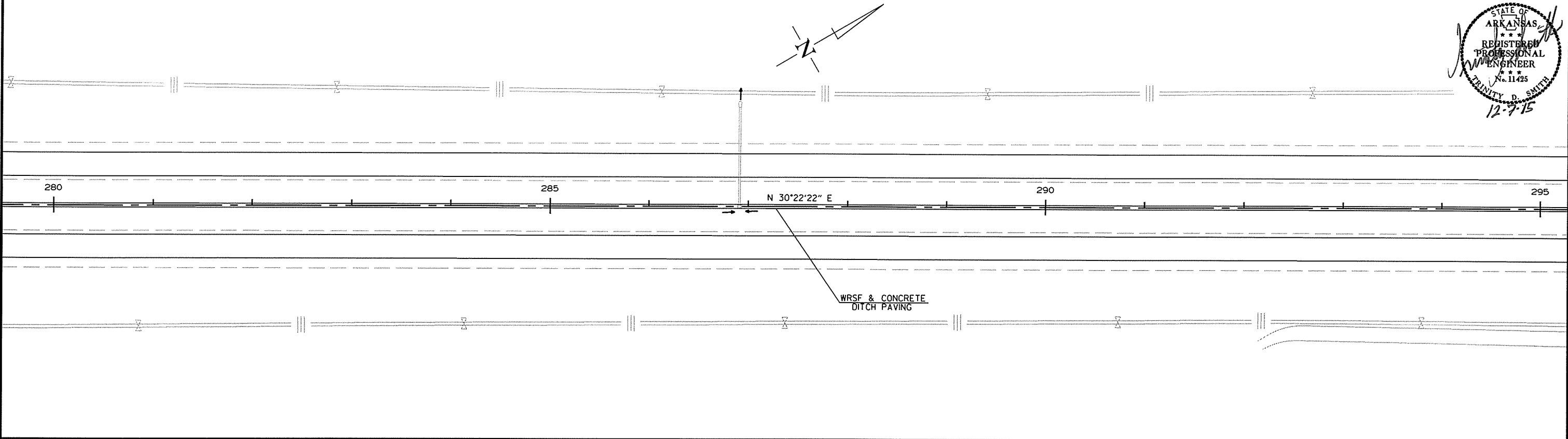
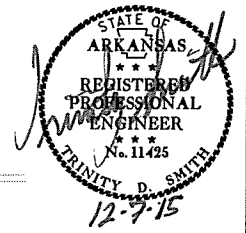
PLAN SHEETS

10/16/2015
 R100819.DGN

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
						JOB NO. 100819	55	88

2 PLAN SHEETS

STA. 286+91 - EXISTING
TYPE RM DROP INLET IN MEDIAN
(4' X 3' X H = 2.75') WITH
24" X 88' R.C. PIPE OUTLET
(CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
RETAIN



STA. 296+75 - EXISTING
TYPE RM DROP INLET IN MEDIAN
(4' X 3' X H = 2.75') WITH
24" X 100' R.C. PIPE OUTLET
(CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
RETAIN

STA. 306+60 - EXISTING
TYPE RM DROP INLET IN MEDIAN
(4' X 3' X H = 2.75') WITH
24" X 92' R.C. PIPE OUTLET
(CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
RETAIN

PLAN SHEETS

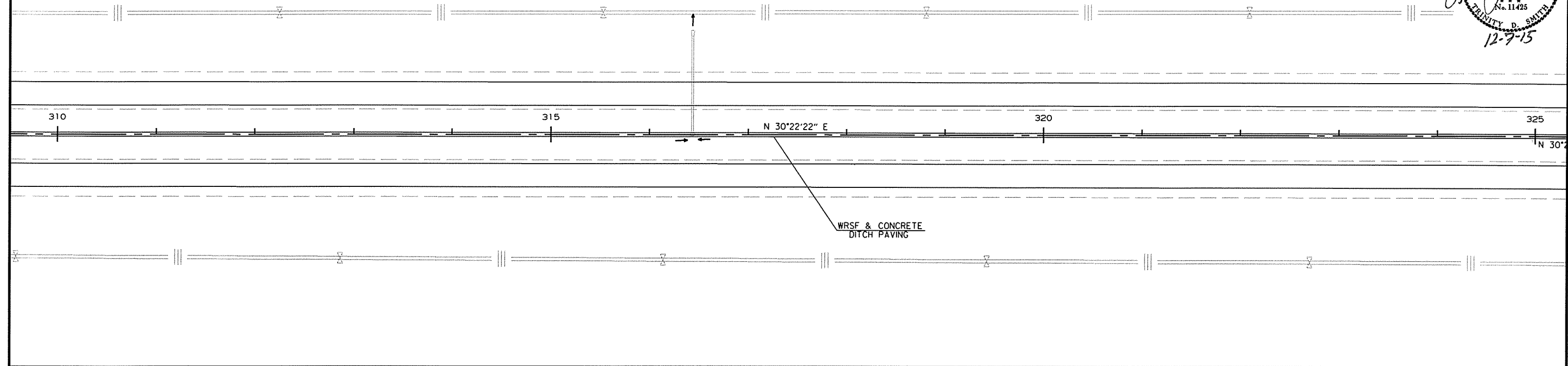
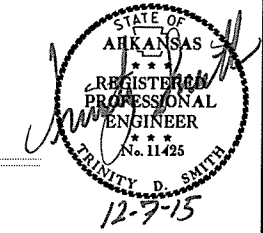
10/16/2015

R100819.DGN

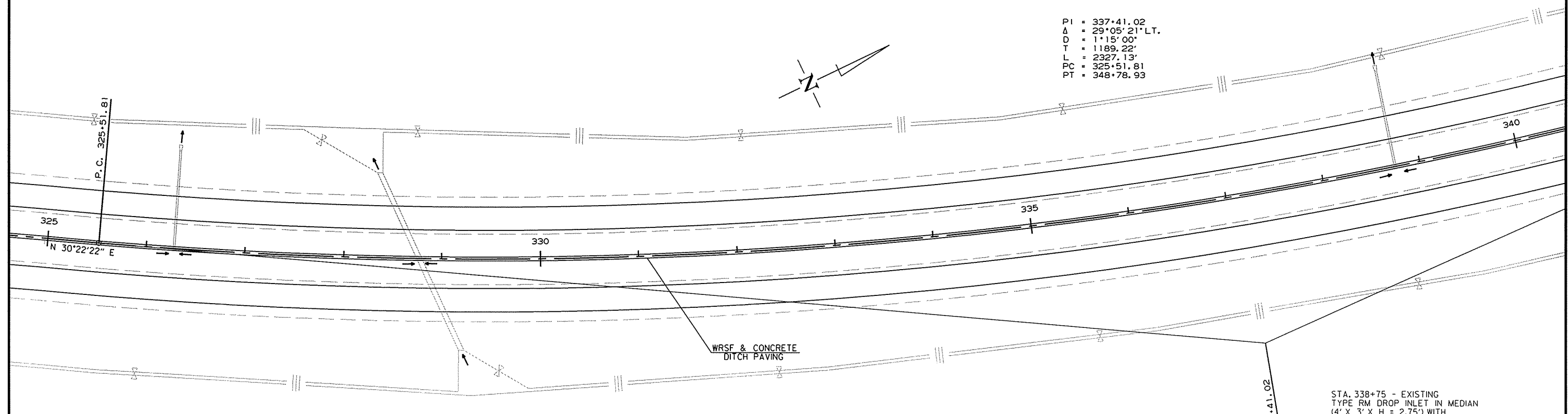
DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
						JOB NO.	100819	56 88

STA. 316+44 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 94' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

2 PLAN SHEETS



PI = 337+41.02
 Δ = 29°05'21" LT.
 D = 1'15'00"
 T = 1189.22'
 L = 2327.13'
 PC = 325+51.81
 PT = 348+78.93



STA. 326+28 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 94' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

STA. 328+77 - EXISTING
 5' X 5' X 198' R.C. BOX CULV'T
 (25'28'14" RT. FWD. SKEW)
 RETAIN

STA. 328+77 - EXISTING
 TYPE TM DROP INLET IN MEDIAN
 (3' X 2.5' X H = 2')
 ON TOP OF R.C. BOX CULV'T
 RETAIN

STA. 338+75 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 87' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

PLAN SHEETS

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STA. 342+99 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 6')
 3' X 18" R.C. PIPE CULV'T
 (07°24'49" RT. FWD. SKEW)
 CLASS III WITH TYPE 3 BEDDING & F.E.S. LT. & RT.
 RETAIN

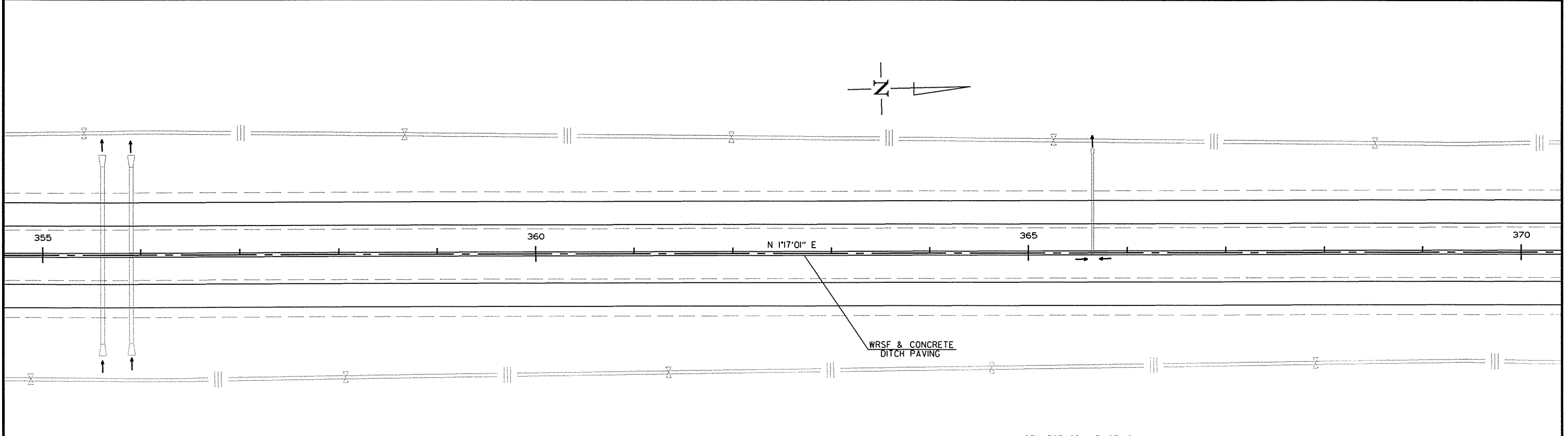
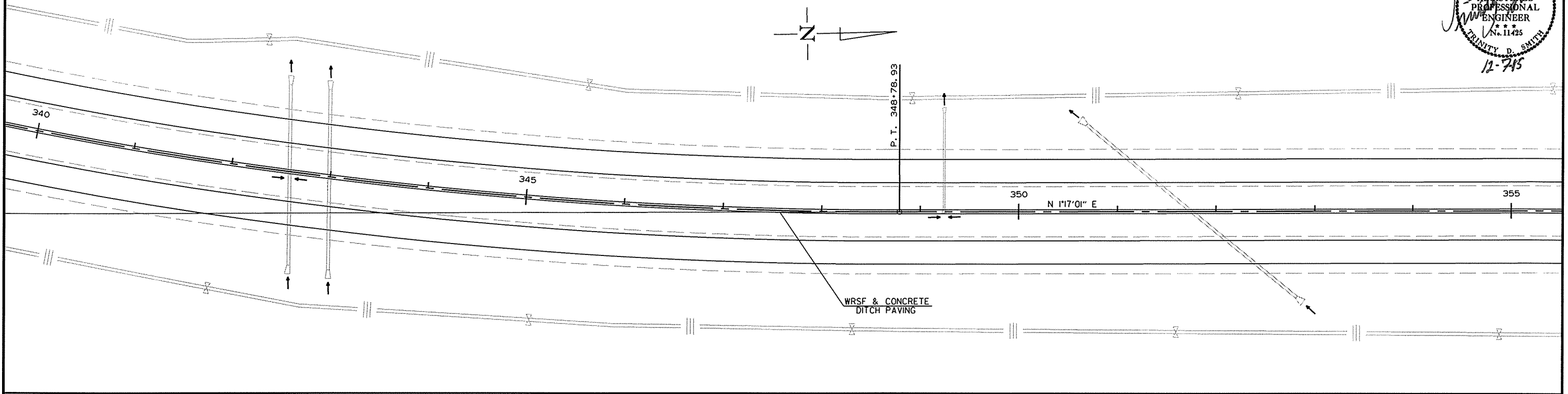
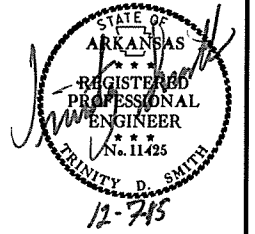
STA. 342+99 - EXISTING
 3' X 18" R.C. PIPE CULV'T
 (07°24'49" RT. FWD. SKEW)
 CLASS III WITH TYPE 3 BEDDING
 & F.E.S. LT. & RT.
 RETAIN

STA. 349+25 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 88" R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

STA. 351+75 - EXISTING
 3' X 276" R.C. PIPE CULV'T
 (50°29'27" RT. FWD. SKEW)
 CLASS III WITH TYPE 3 BEDDING & F.E.S. LT. & RT.
 RETAIN

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
							JOB NO.	100819
							SHEET NO.	57
							TOTAL SHEETS	88

② PLAN SHEETS



STA. 355+61 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (5' X 3' X H = 7.25')
 48" X 179" R.C. PIPE CULV'T
 CLASS III WITH TYPE 3 BEDDING & F.E.S. LT. & RT.
 RETAIN

STA. 355+91 - EXISTING
 48" X 179" R.C. PIPE CULV'T
 CLASS III WITH TYPE 3 BEDDING & F.E.S. LT. & RT.
 RETAIN

STA. 365+65 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 88" R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

PLAN SHEETS

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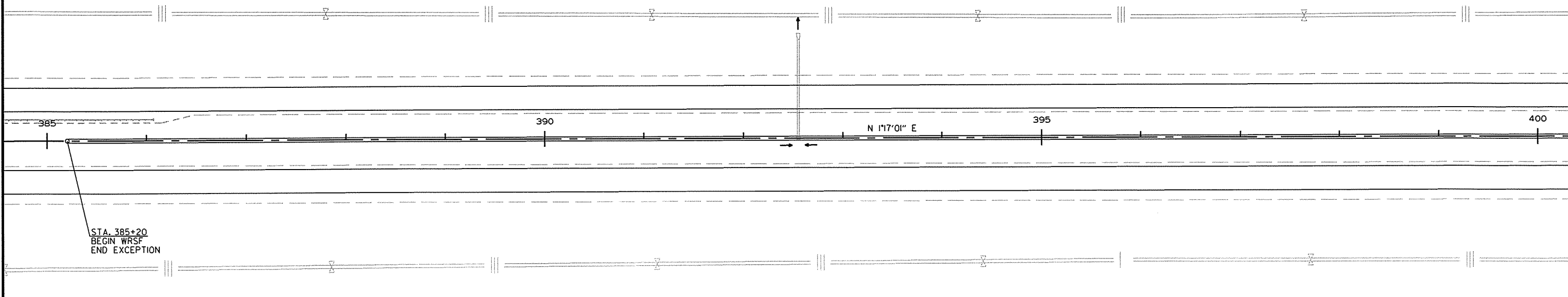
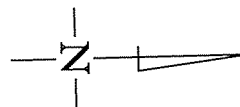
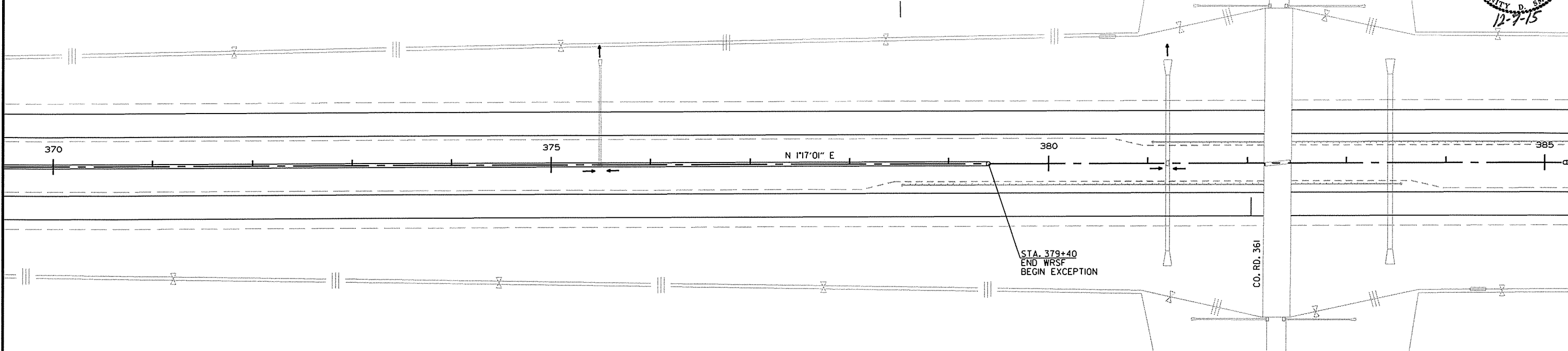
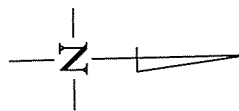
STA. 375+49 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (6.25' X 3' X H = 2.75') WITH
 24" X 92' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S.LT.
 RETAIN

STA. 381+20 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (6.25' X 3' X H = 7.25')
 48" X 177' R.C. PIPE CULV'T
 CLASS III WITH
 TYPE 3 BEDDING & F.E.S.LT. & RT.

STA. 383+44 - EXISTING
 60" X 176' R.C. PIPE CULV'T
 CLASS III W/ TYPE 3 BEDDING & F.E.S.LT. & RT.
 RETAIN

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.	100819		58	88

② PLAN SHEETS



STA. 392+55 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 94' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S.LT.
 RETAIN

PLAN SHEETS

10/16/2015

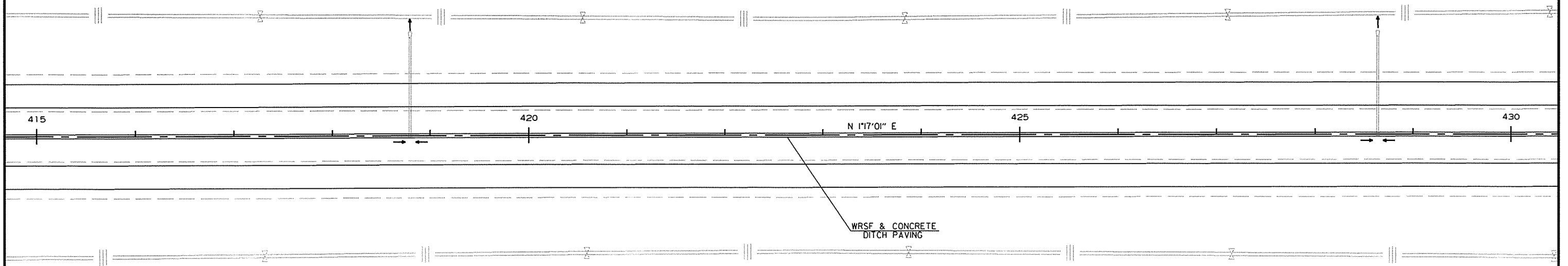
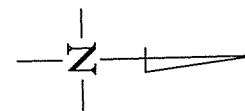
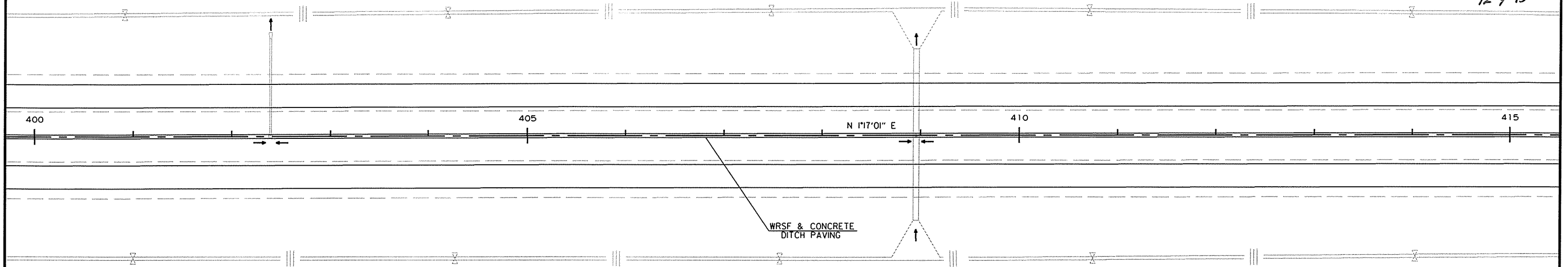
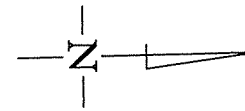
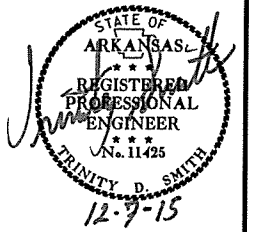
R100819.DGN

STA. 402+39 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 96' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

STA. 408+96 - EXISTING
 TYPE TM DROP INLET IN MEDIAN
 (3' X 2.5' X H = 2')
 6' X 6' X 175' R.C. BOX CULV'T
 RETAIN

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
						JOB NO.	100819	59

② PLAN SHEETS



STA. 418+80 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 94' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

STA. 428+64 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 90' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

PLAN SHEETS

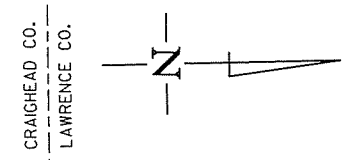
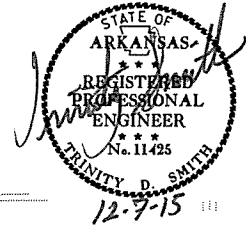
10/16/2015

R100819.DGN

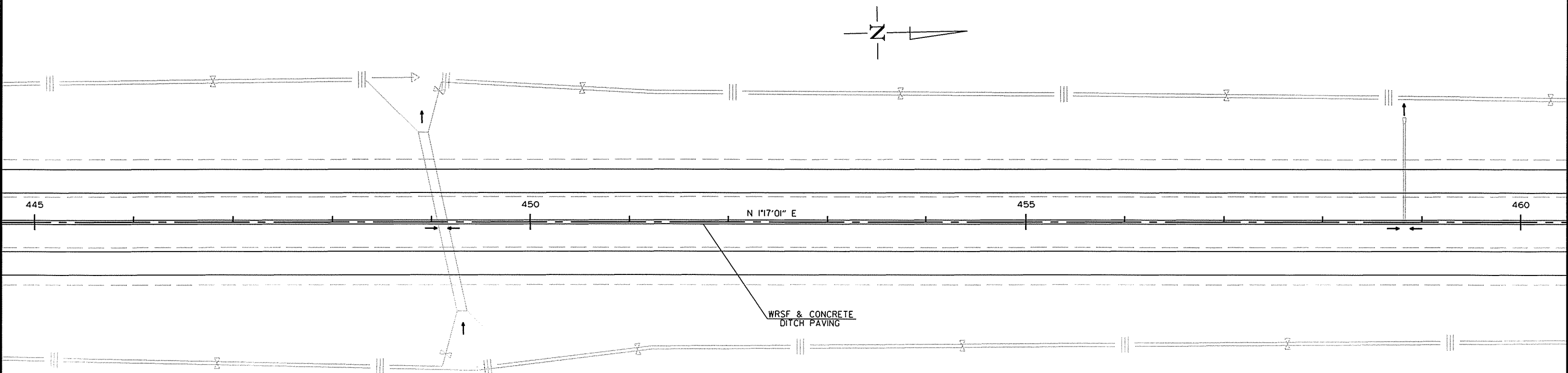
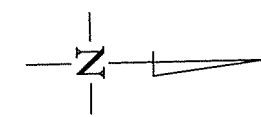
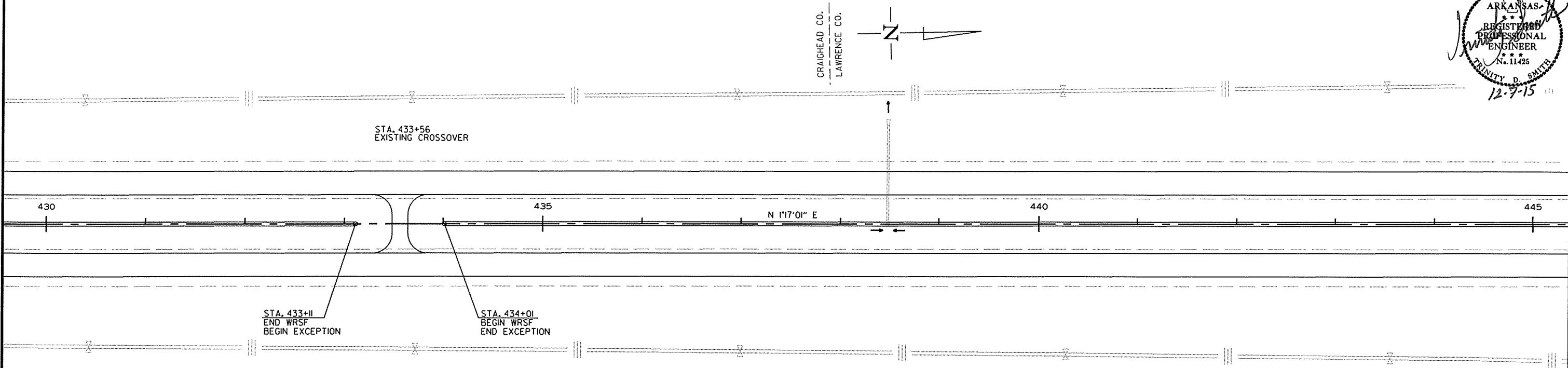
DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
							JOB NO.	100819
							SHEET NO.	60
							TOTAL SHEETS	88

2 PLAN SHEETS

STA. 438+48 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 97' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN



CRAIGHEAD CO.
 LAWRENCE CO.



STA. 449+11 - EXISTING
 TYPE TM DROP INLET IN MEDIAN
 (3' X 2.5' X H = 2.75')
 10' X 8' X 184' R.C. BOX CULV'T
 (12°20'57" RT. FWD. SKEW)
 RETAIN

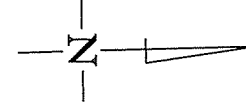
STA. 458+83 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 92' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

PLAN SHEETS

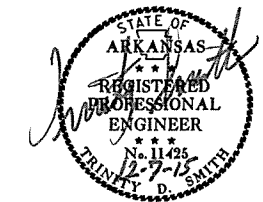
10/16/2015
 R100819.DGN

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.		61	88
				JOB NO.	100819			

STA. 468+67 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 126' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

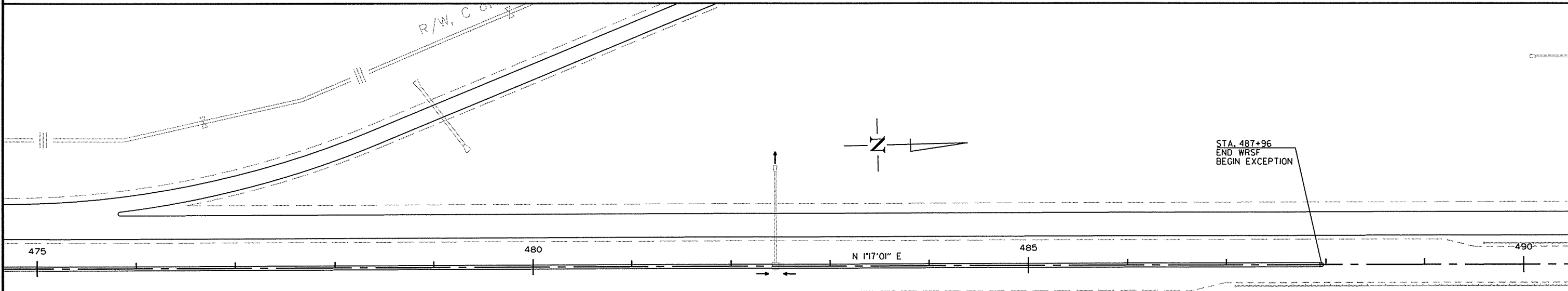
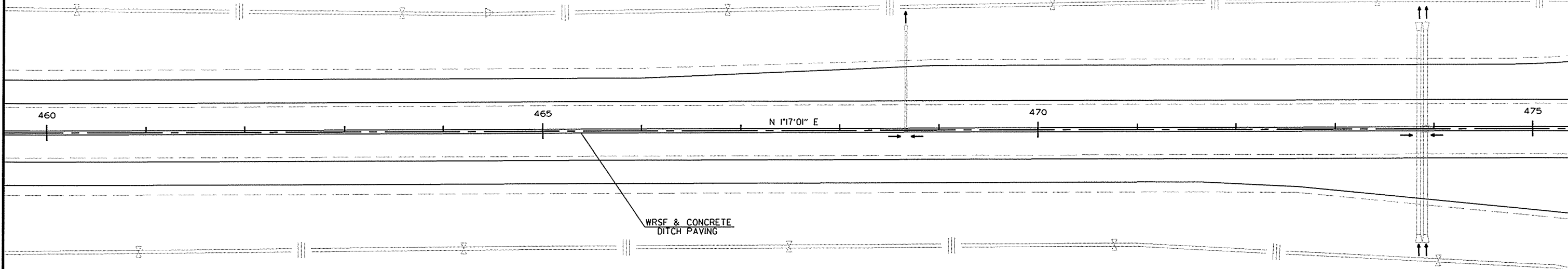


STA. 473+92 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 7.5')
 DBL. 42" X 211' R.C. PIPE CULV'T
 CLASS III WITH
 TYPE 3 BEDDING & F.E.S. LT. & RT.
 RETAIN

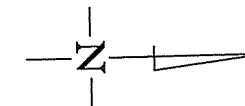


2 PLAN SHEETS

R/W, C of A, & EXIST. FENCE



STA. 482+45 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75')
 WITH 24" X 94' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN



PLAN SHEETS

10/16/2015

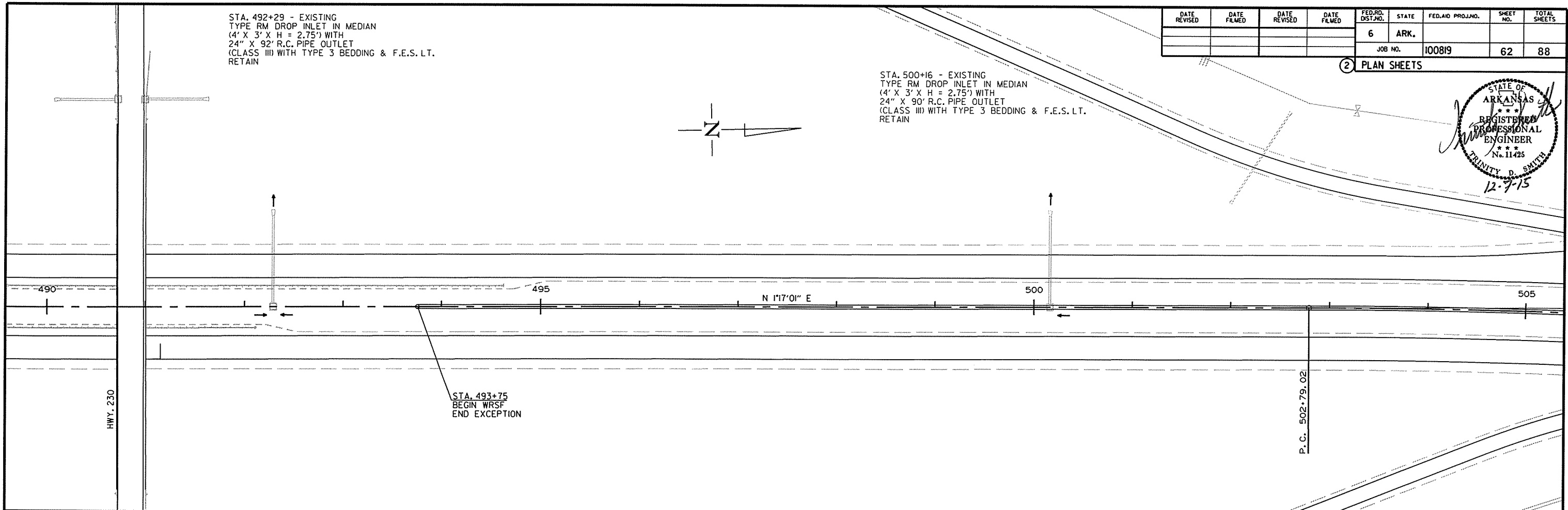
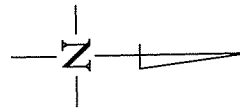
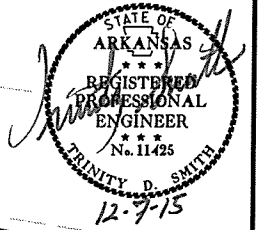
R100819.DGN

STA. 492+29 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 92' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

STA. 500+16 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 90' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

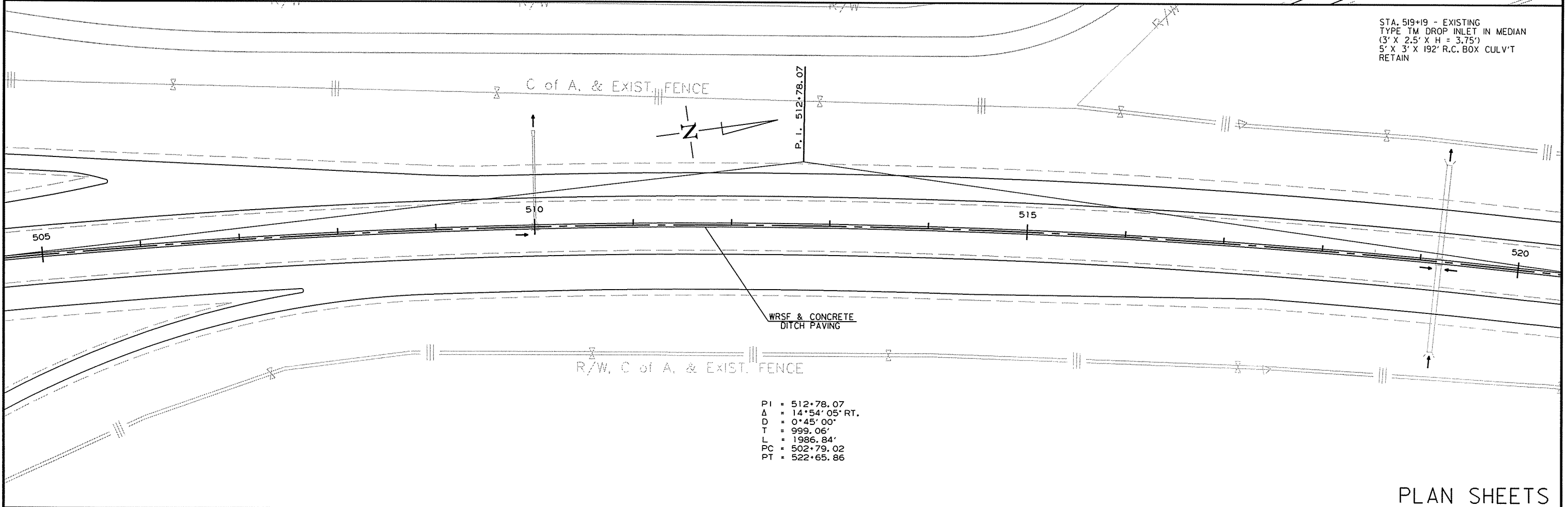
DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
JOB NO. 100819							62	88

2 PLAN SHEETS



STA. 493+75
 BEGIN WRSF
 END EXCEPTION

STA. 519+19 - EXISTING
 TYPE TM DROP INLET IN MEDIAN
 (3' X 2.5' X H = 3.75')
 5' X 3' X 192' R.C. BOX CULV'T
 RETAIN



PI = 512+78.07
 Δ = 14° 54' 05" RT.
 D = 0° 45' 00"
 T = 999.06'
 L = 1986.84'
 PC = 502+79.02
 PT = 522+65.86

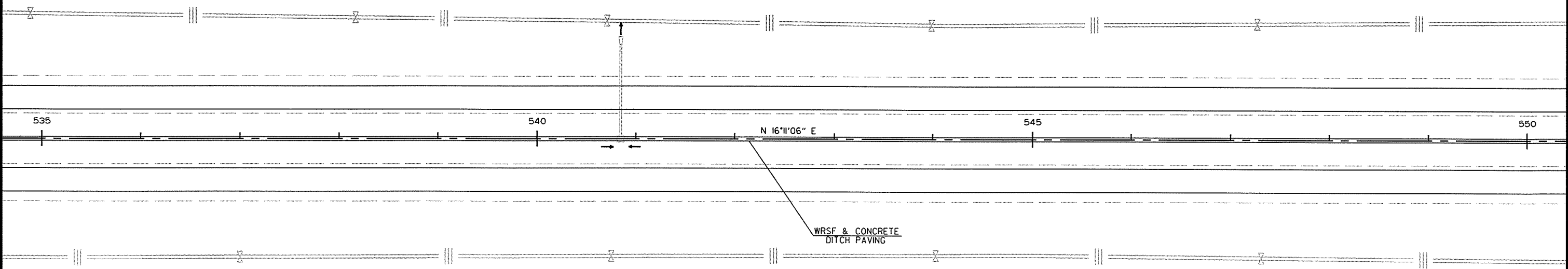
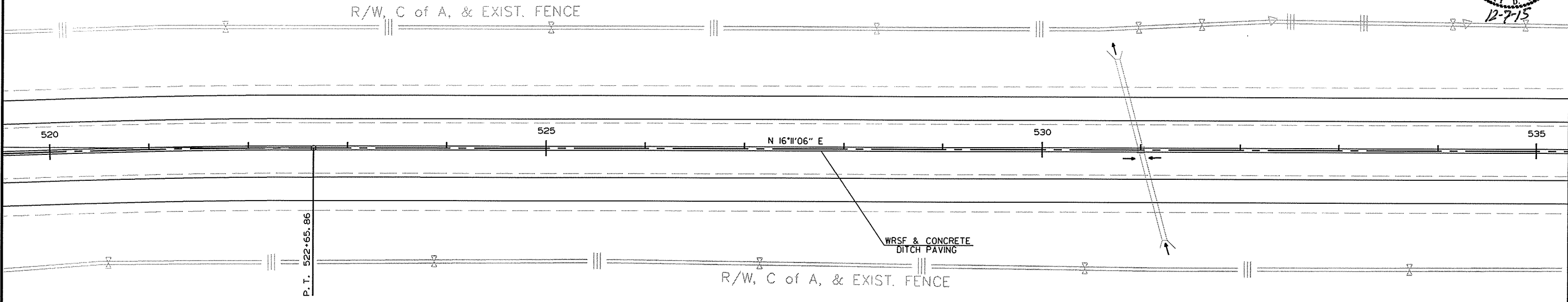
PLAN SHEETS

10/16/2015
 R100819.DGN

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
JOB NO. 100819							63	88

STA. 531+00 - EXISTING
 TYPE TM DROP INLET IN MEDIAN
 (3' X 2.5' X H = 2')
 6' X 5' X 184' R.C. BOX CULV'T
 (15°30'40" RT. FWD. SKEW)
 RETAIN

② PLAN SHEETS



STA. 540+85 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 94' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

PLAN SHEETS

10/16/2015

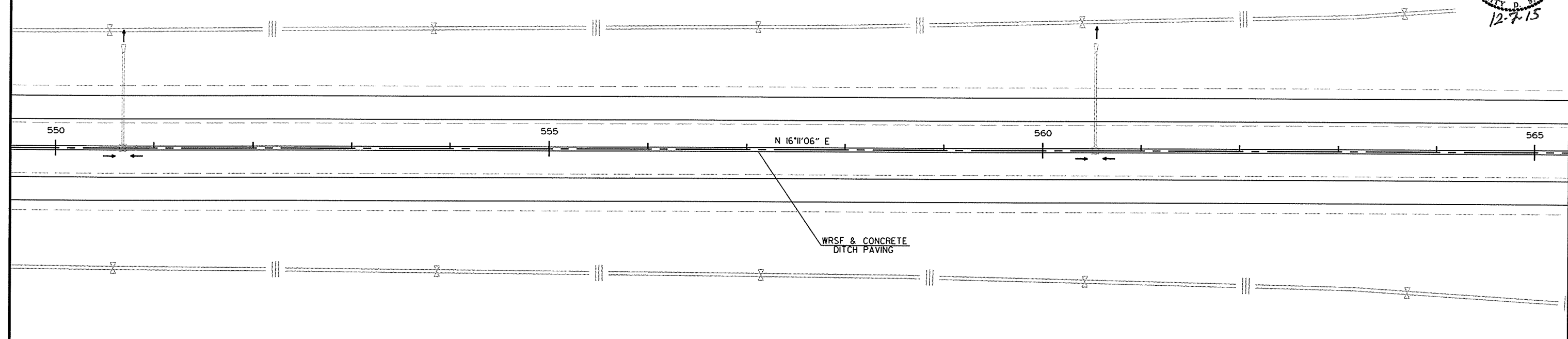
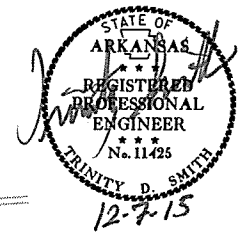
R100819.DGN

STA. 550+69 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75) WITH
 24" X 95' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

STA. 560+53 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75) WITH
 24" X 100' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

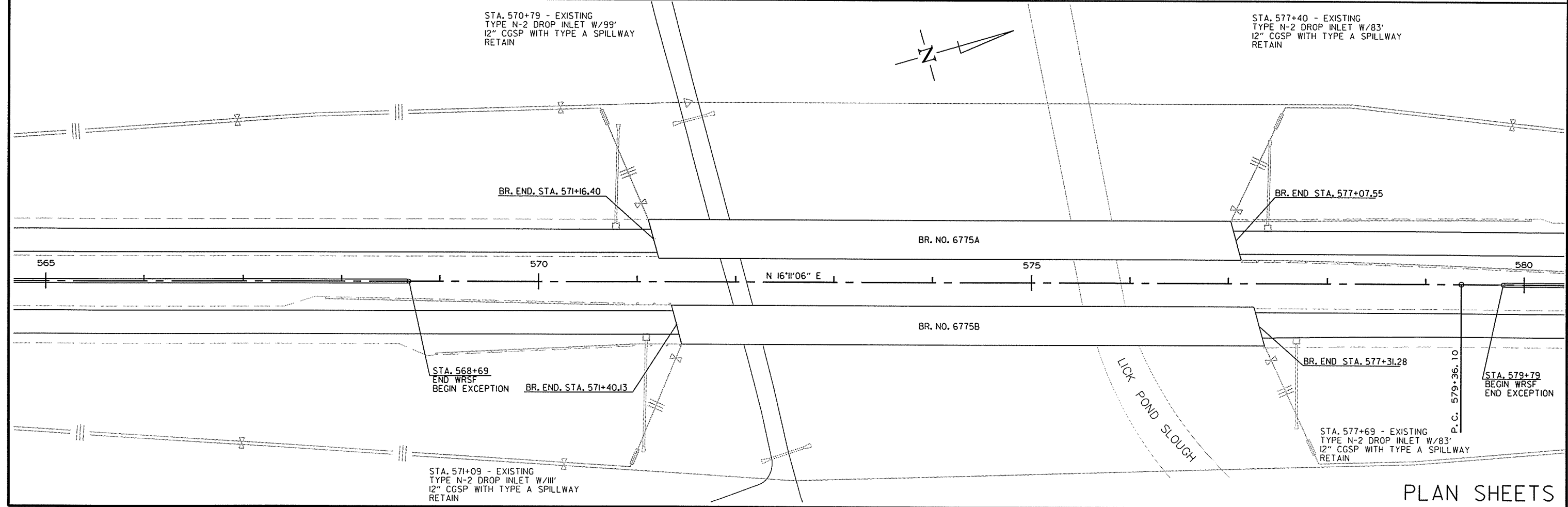
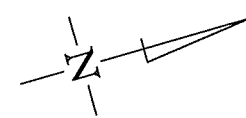
DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.		64	88
							JOB NO. 100819	

2 PLAN SHEETS



STA. 570+79 - EXISTING
 TYPE N-2 DROP INLET W/99'
 12" CGSP WITH TYPE A SPILLWAY
 RETAIN

STA. 577+40 - EXISTING
 TYPE N-2 DROP INLET W/83'
 12" CGSP WITH TYPE A SPILLWAY
 RETAIN



STA. 568+69
 END WRSF
 BEGIN EXCEPTION BR. END. STA. 571+40.13

STA. 571+09 - EXISTING
 TYPE N-2 DROP INLET W/111'
 12" CGSP WITH TYPE A SPILLWAY
 RETAIN

BR. END STA. 577+31.28

STA. 577+69 - EXISTING
 TYPE N-2 DROP INLET W/83'
 12" CGSP WITH TYPE A SPILLWAY
 RETAIN

STA. 579+79
 BEGIN WRSF
 END EXCEPTION

LICK POND SLOUGH

P.C. 579+36.10

PLAN SHEETS

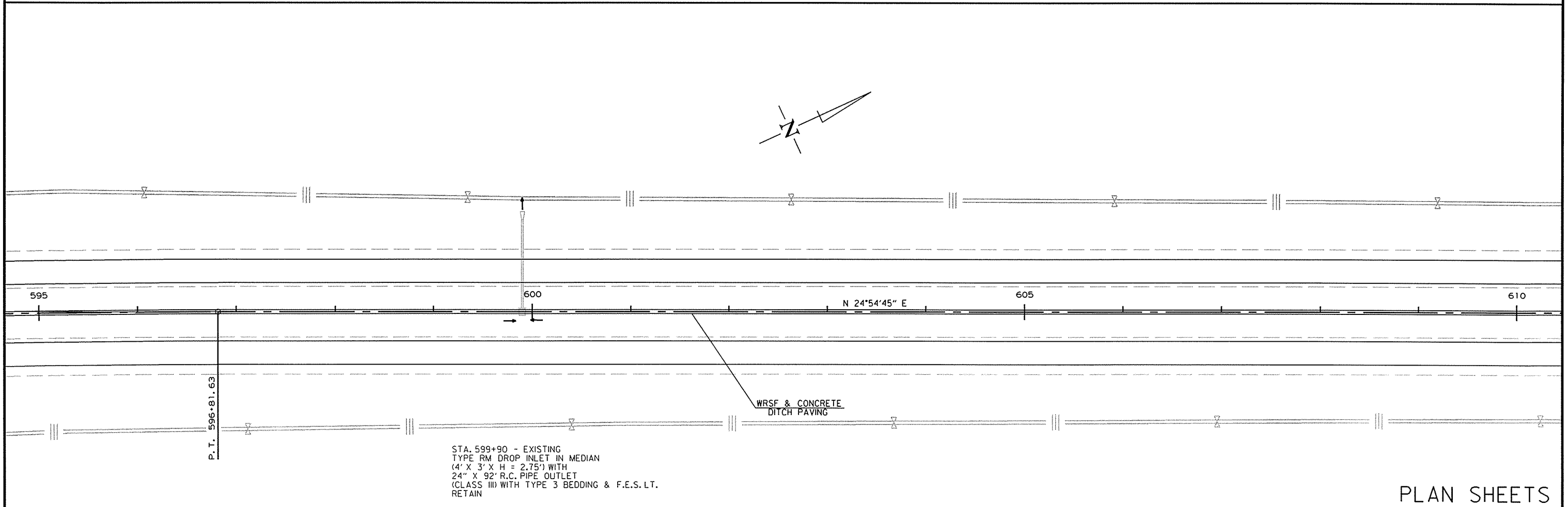
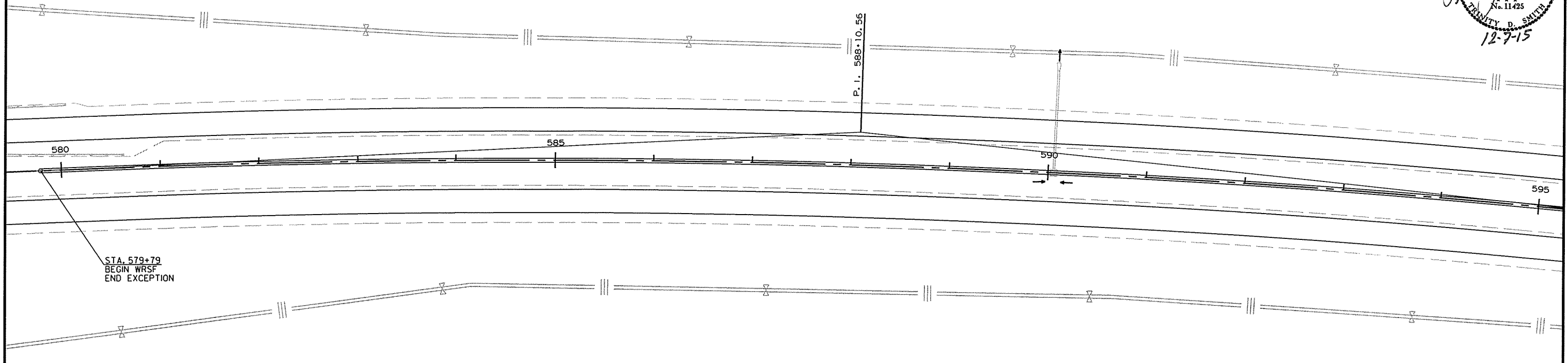
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DATE REVISED	DATE FILED	DATE REVISED	DATE FILED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.		65	88

STA. 590+06 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 97' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

2 PLAN SHEETS

PI = 588+10.56
 Δ = 8°43'40" RT.
 D = 0°30'00"
 T = 874.46'
 L = 1745.53'
 PC = 579+36.10
 PT = 596+81.63

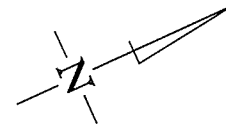


PLAN SHEETS

10/16/2015

R100819.DGN

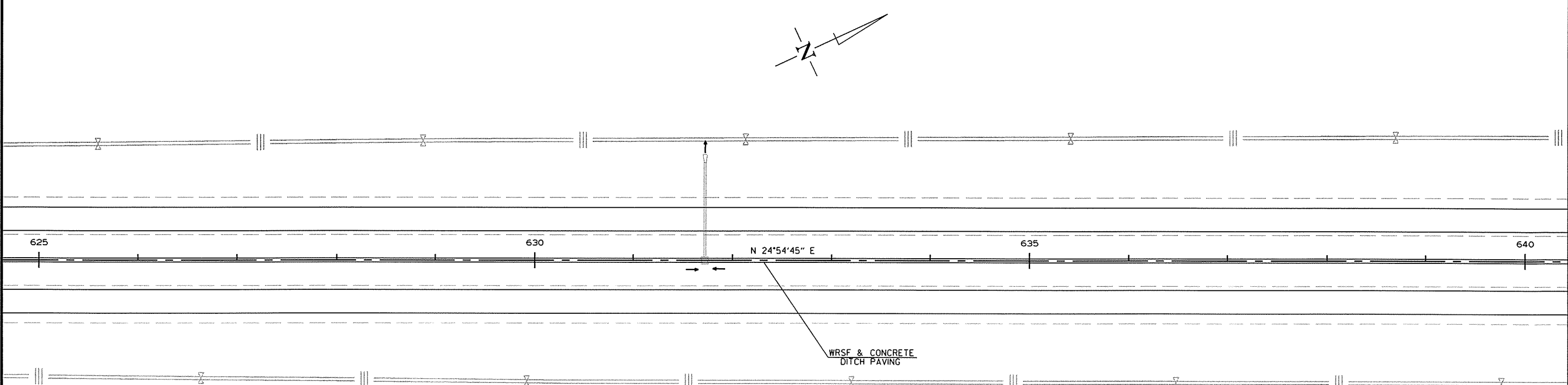
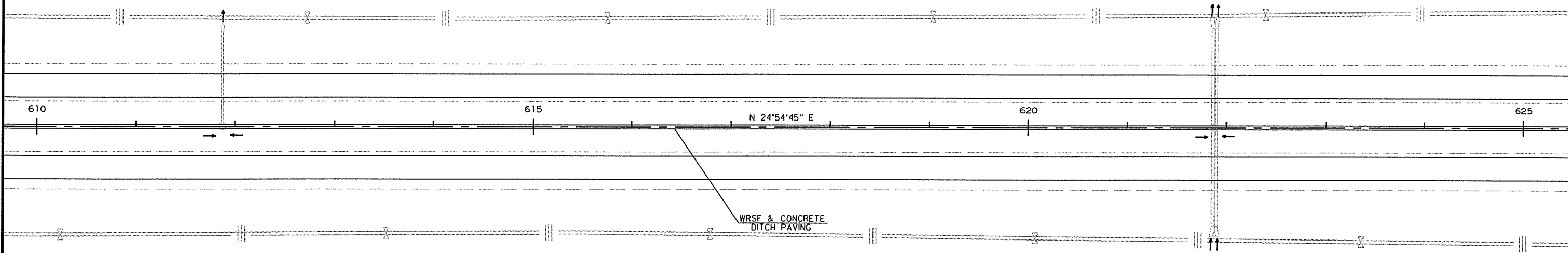
STA. 611+88 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 95' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S.L.T.
 RETAIN



DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.		66	88

2 PLAN SHEETS

STA. 621+88 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 8.75')
 DBL. - 30" X 200' R.C. PIPE CULV'T
 CLASS III WITH TYPE 3 BEDDING & F.E.S.L.T. & RT.
 RETAIN



STA. 631+73 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 103' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S.L.T.
 RETAIN

PLAN SHEETS

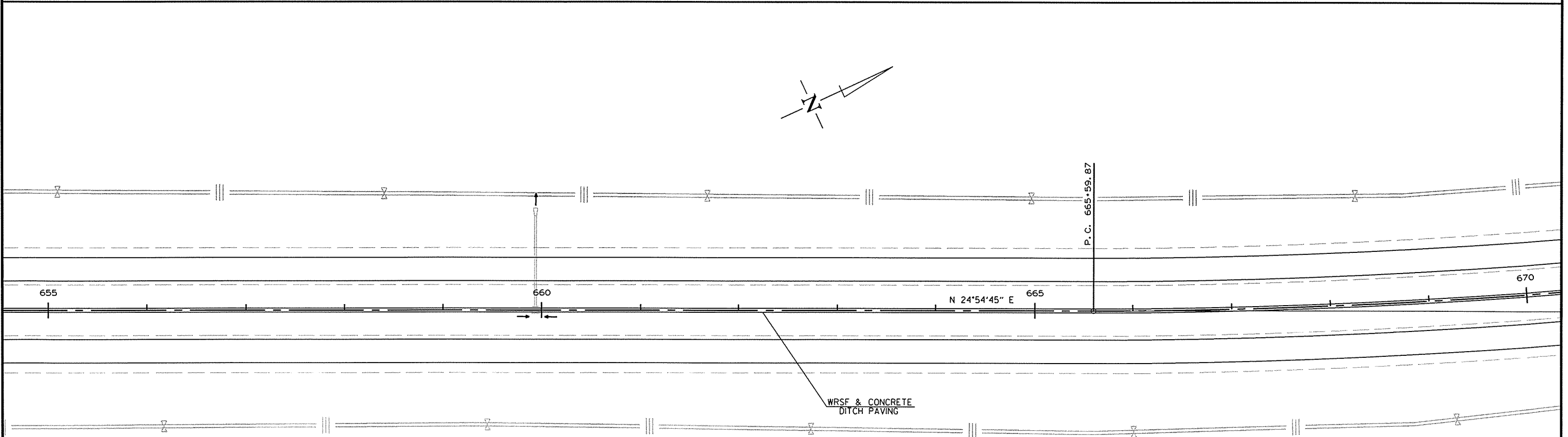
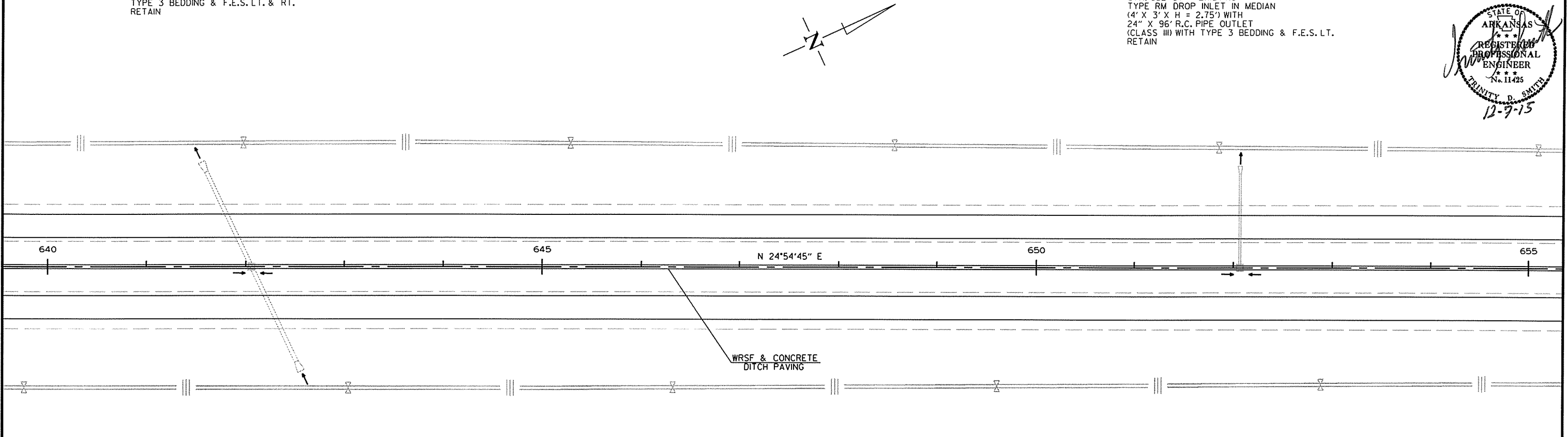
10/16/2015
 R100819.DGN

STA. 642+06 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (6.5' X 3' X H = 9')
 48" X 213' R.C. PIPE CULV'T
 (25'36'33" RT. FWD. SKEW)
 CLASS III (32.5m LT. & 32.27m RT.) WITH
 TYPE 3 BEDDING & F.E.S.LT. & RT.
 RETAIN

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.		67	88
JOB NO. 100819								

2 PLAN SHEETS

STA. 652+07 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 96' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S.LT.
 RETAIN



STA. 659+94 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 6') WITH
 24" X 92' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S.LT.
 RETAIN

PLAN SHEETS

10/16/2015

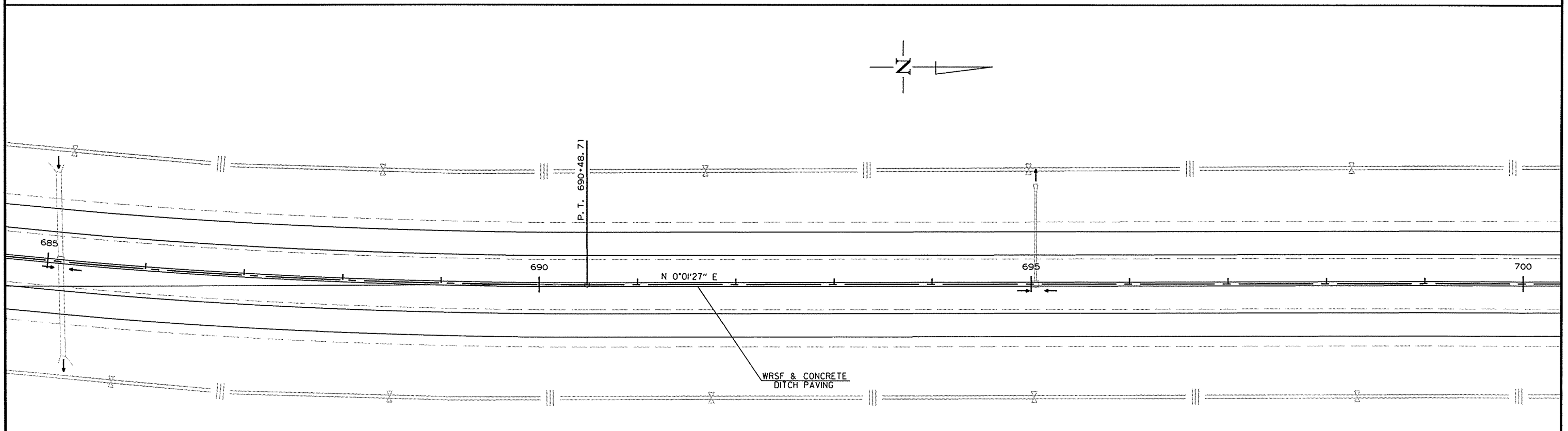
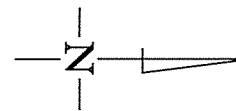
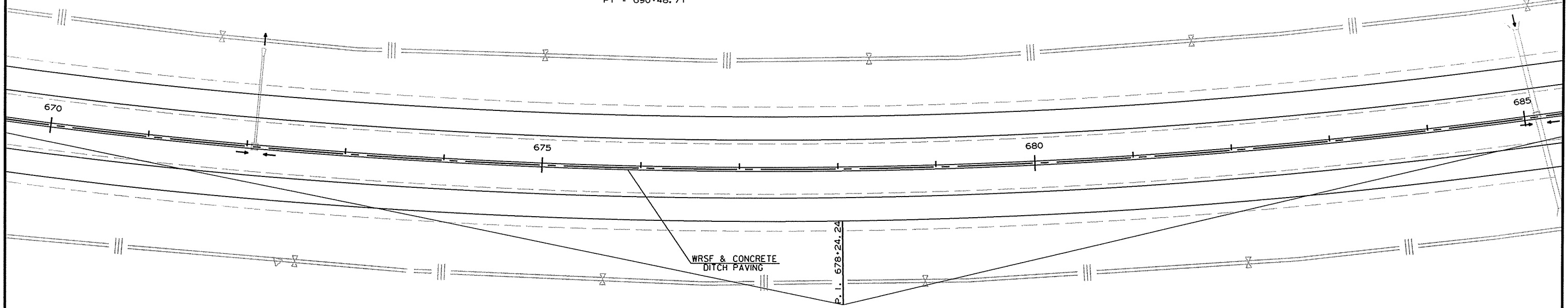
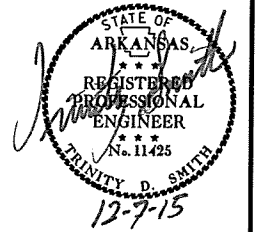
R100819.DGN

STA. 672+08 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 5.5') WITH
 24" X 89' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
							JOB NO.	100819
								68
								88

② PLAN SHEETS

PI = 678+24.24
 Δ = 24°53'18" LT.
 D = 1°00'00"
 T = 1264.36'
 L = 2488.84'
 PC = 665+59.87
 PT = 690+48.71



STA. 685+13 - EXISTING
 TYPE TM DROP INLET IN MEDIAN
 (3' X 2.5' X H = 6.5')
 5' X 3' X 209' R.C. BOX CULV'T
 (5'58'51" RT. FWD. SKEW)
 RETAIN

STA. 695+05 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 92' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

PLAN SHEETS

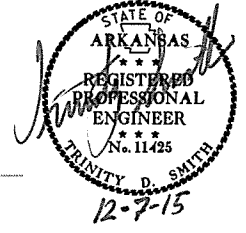
10/16/2015

R100819.DGN

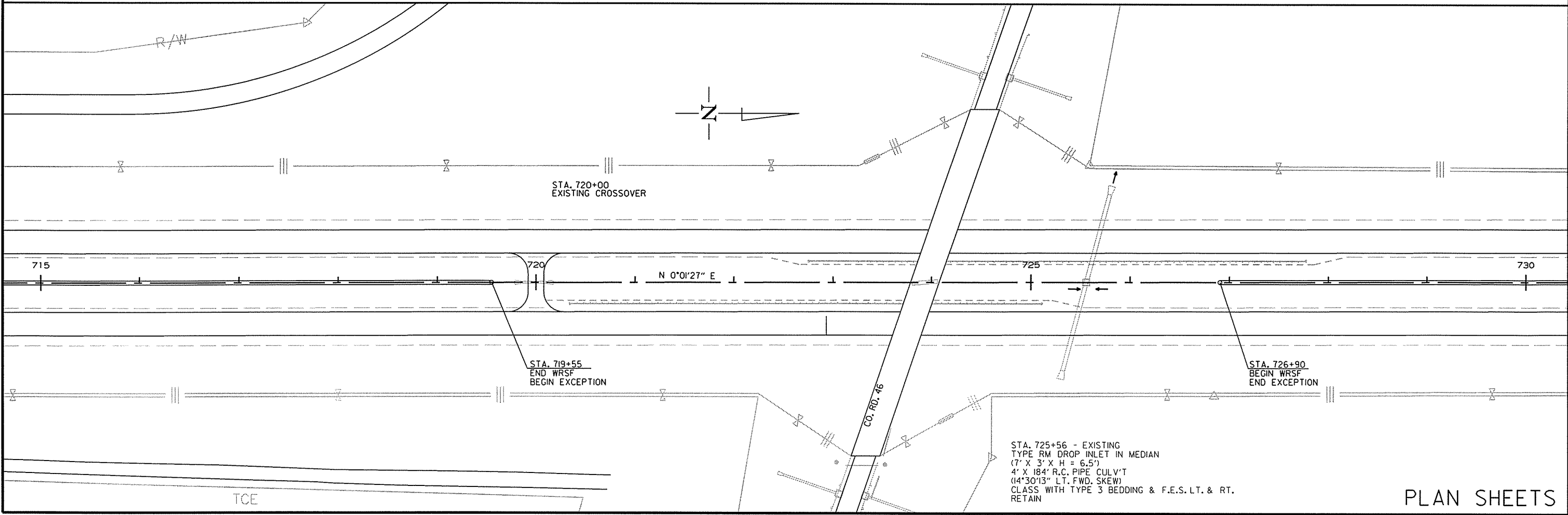
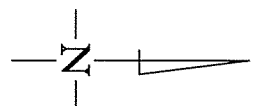
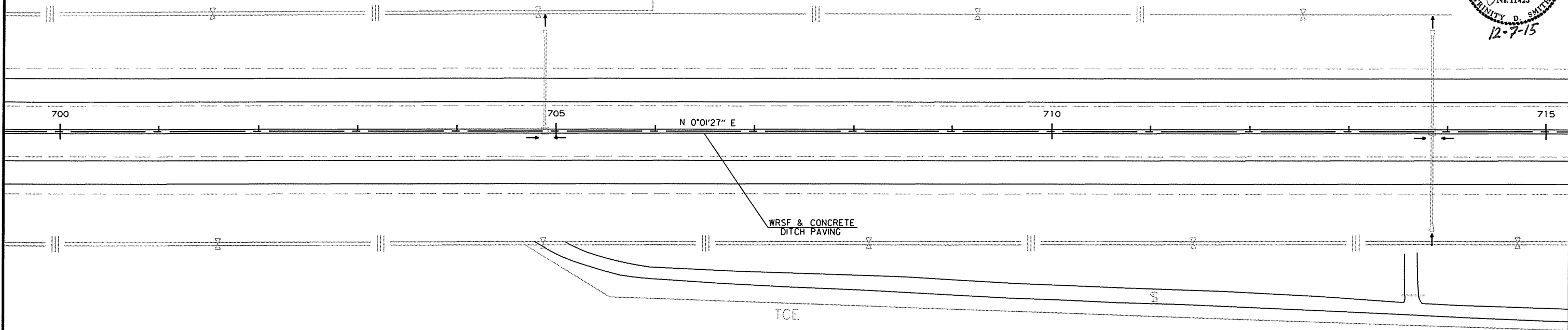
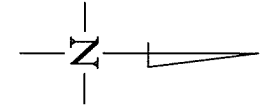
STA. 704+89 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 92' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
JOB NO. 100819							69	88

② PLAN SHEETS



STA. 713+84 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 6.5')
 24" X 187' R.C. PIPE CULV'T
 CLASS III WITH TYPE 3 BEDDING & F.E.S. LT. & RT.
 RETAIN



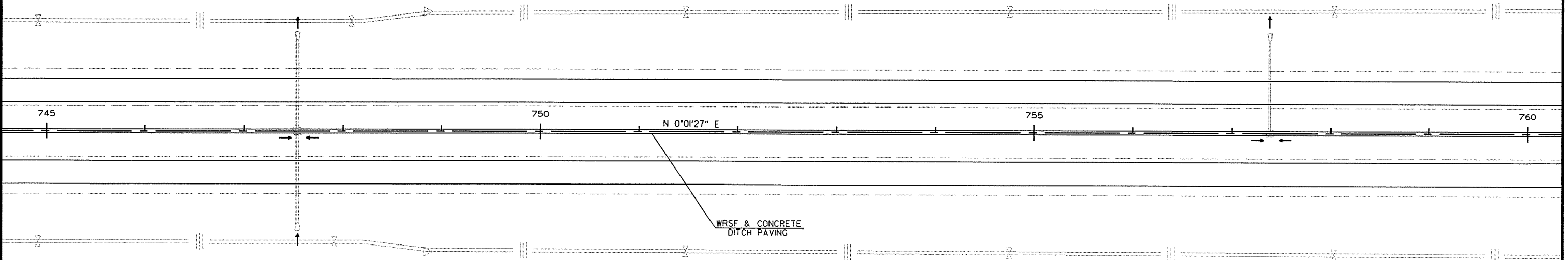
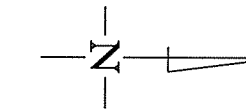
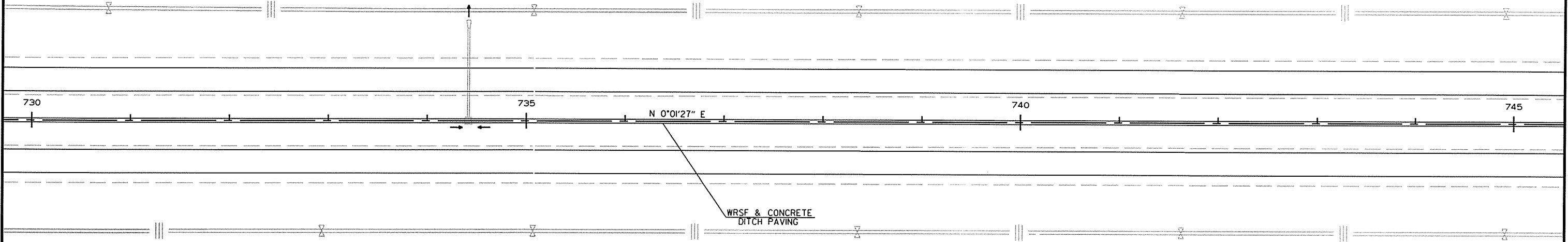
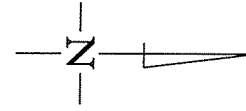
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 R100819.DGN

PLAN SHEETS

STA. 734+42 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 92' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S.LT.
 RETAIN

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.		70	88

② PLAN SHEETS



STA. 747+54 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 6.5')
 30" X 188' R.C. PIPE CULV'T
 CLASS III WITH TYPE 3 BEDDING & F.E.S.LT. & RT.
 RETAIN

STA. 757+38 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 97' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S.LT.
 RETAIN

PLAN SHEETS

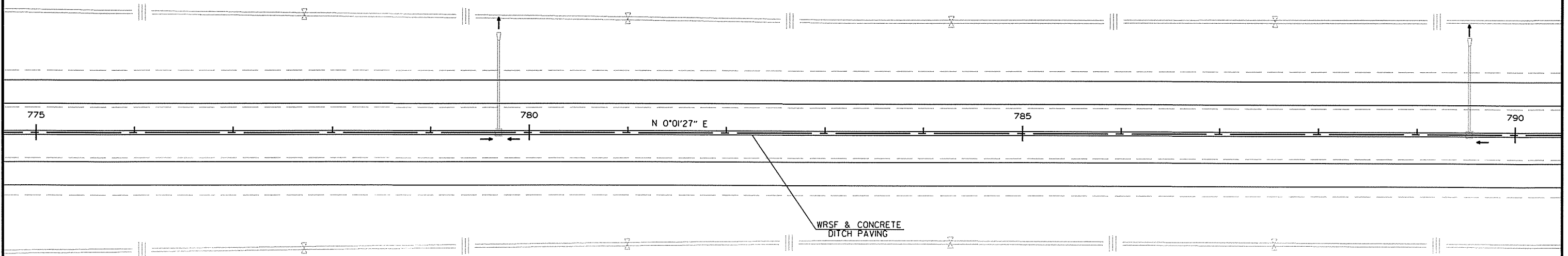
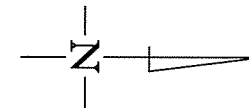
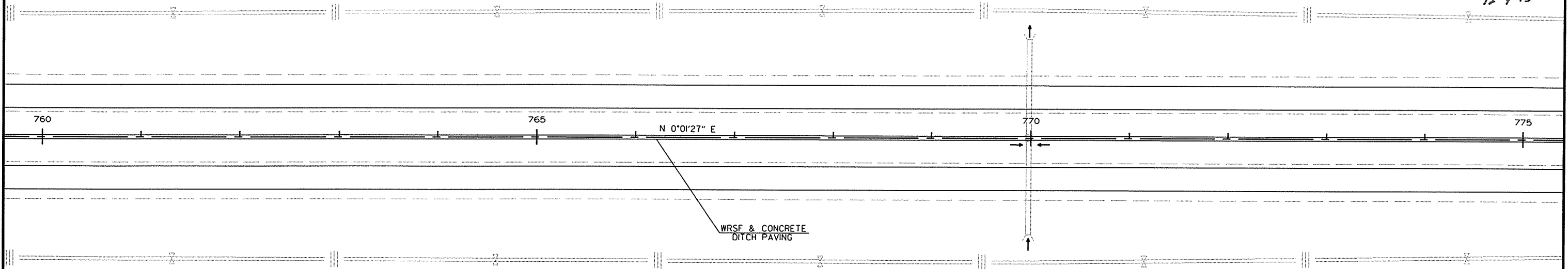
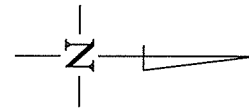
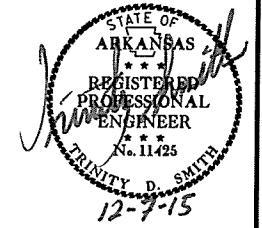
10/16/2015

R100819.DGN

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.	100819		71	88

STA. 769+98 - EXISTING
 TYPE TM DROP INLET IN MEDIAN
 (3' X 2.5' X H = 5.5')
 5' X 3' X 200' R.C. BOX CULV'T
 CLASS III
 RETAIN

② PLAN SHEETS



STA. 779+69 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 92' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

STA. 789+53 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 90' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

PLAN SHEETS

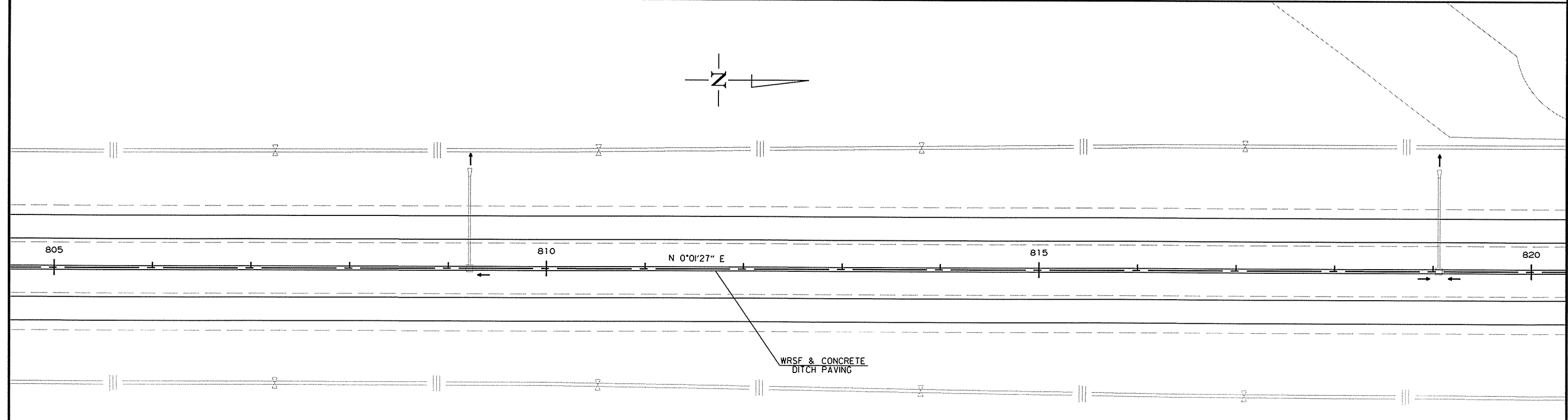
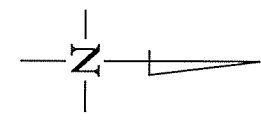
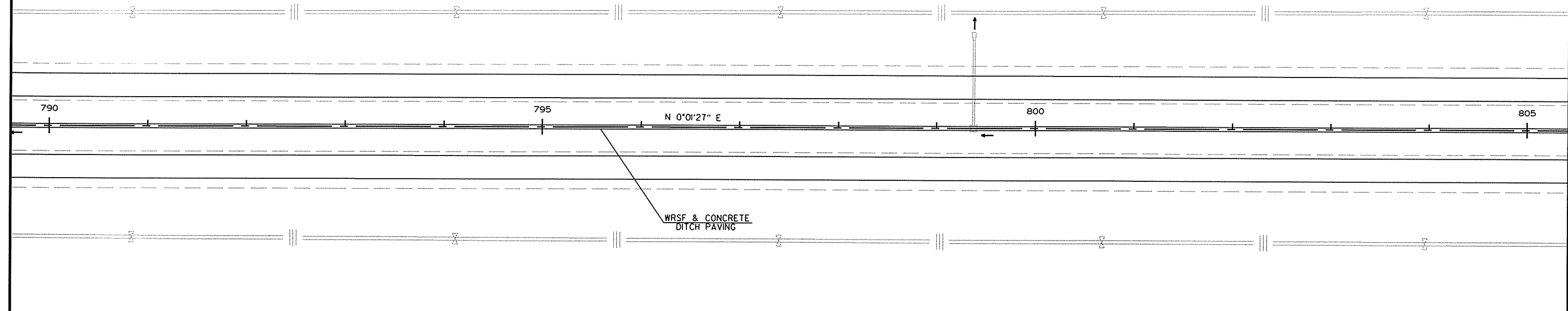
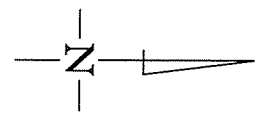
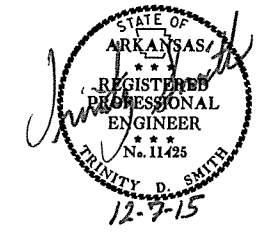
10/16/2015

R\00819.DGN

STA. 799+38 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 90' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S.LT.
 RETAIN

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.		72	88
JOB NO. 100819							72	88

2 PLAN SHEETS



STA. 809+22 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 92' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S.LT.
 RETAIN

STA. 819+06 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 94' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S.LT.
 RETAIN

PLAN SHEETS

10/16/2015

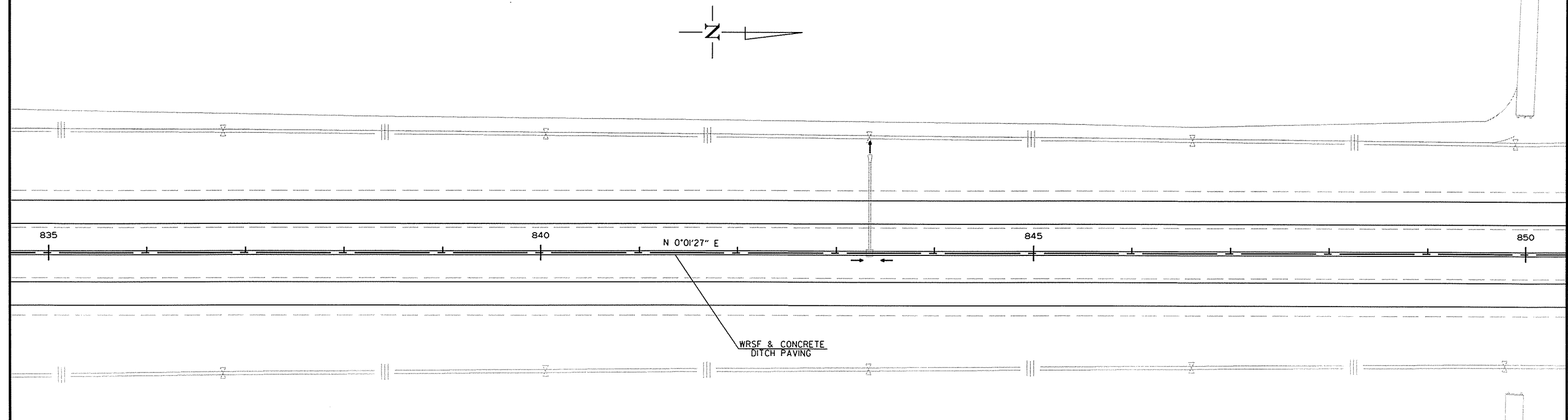
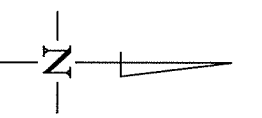
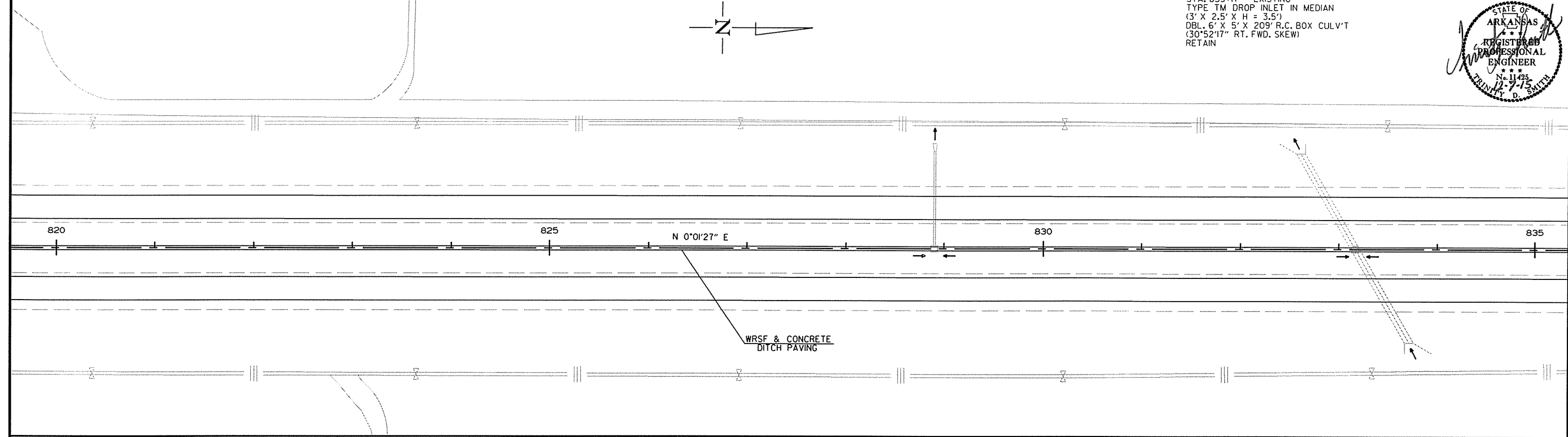
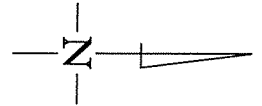
R100819.DGN

DATE REVISED	DATE FILED	DATE REVISED	DATE FILED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
JOB NO. 100819							73	88

2 PLAN SHEETS

STA. 828+90 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 95' R.C. BOX OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

STA. 833+17 - EXISTING
 TYPE TM DROP INLET IN MEDIAN
 (3' X 2.5' X H = 3.5')
 DBL. 6' X 5' X 209' R.C. BOX CULV'T
 (30°52'17" RT. FWD. SKEW)
 RETAIN



STA. 843+34 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 92' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

PLAN SHEETS

10/16/2015

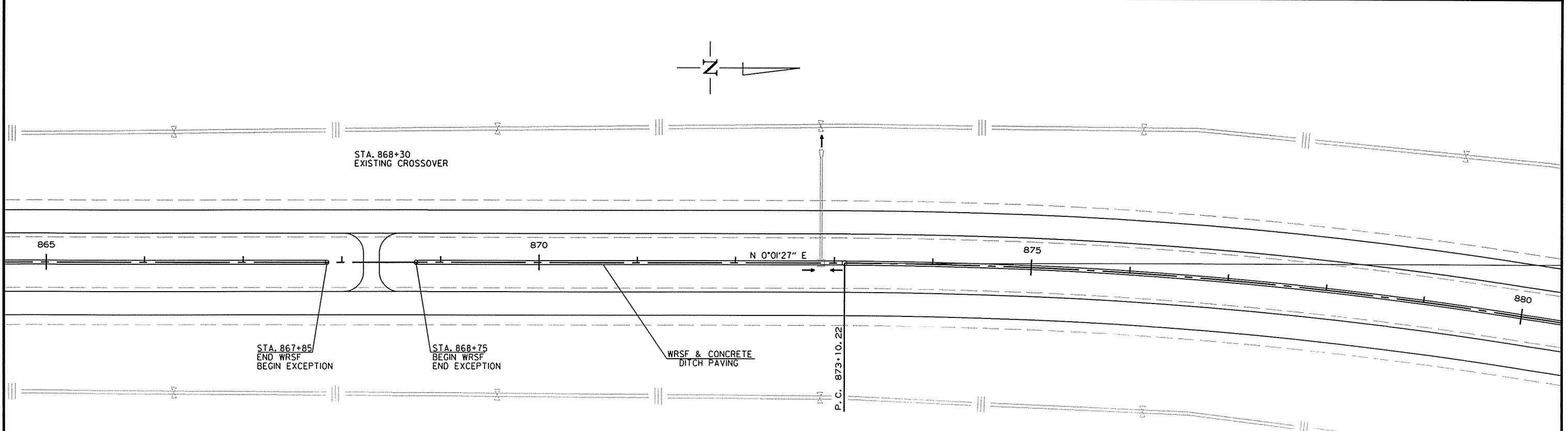
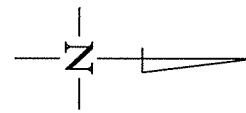
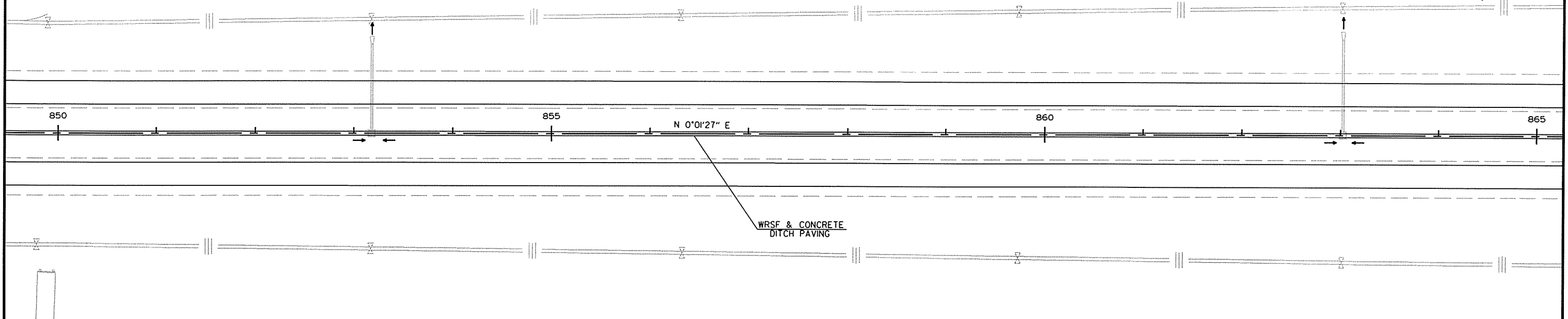
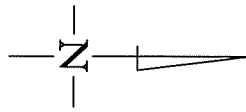
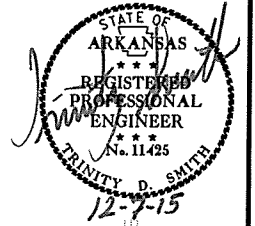
R100819.DGN

STA. 853+18 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 89' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.		74	88

2 PLAN SHEETS

STA. 863+02 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 95' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN



STA. 872+87 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 101' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

PLAN SHEETS

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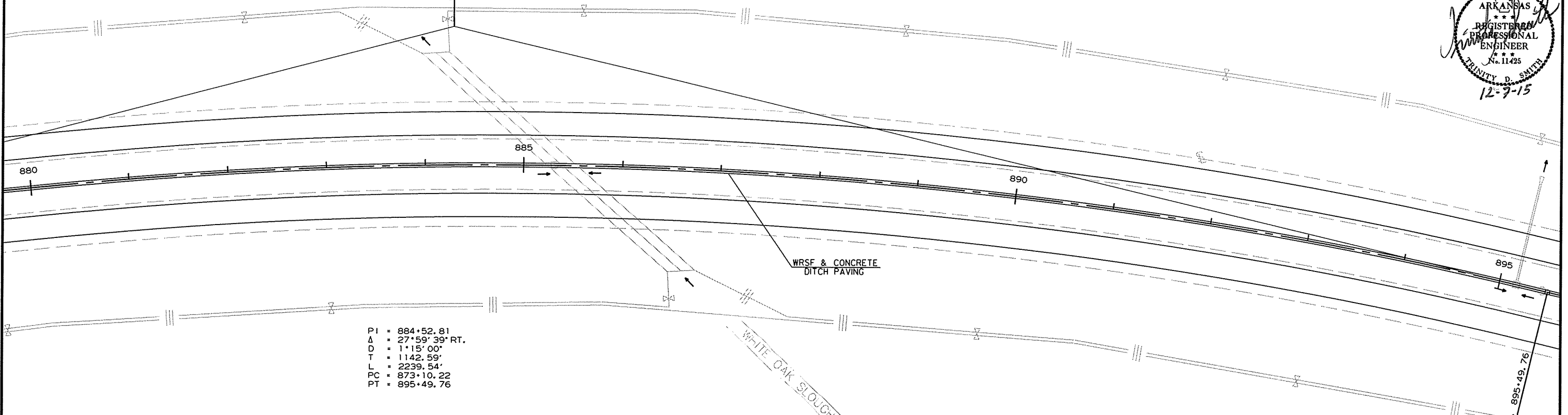
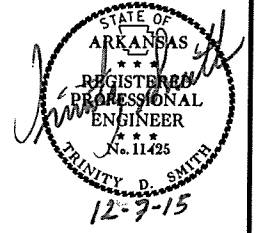
STA. 885+31 - EXISTING
 TYPE TM DROP INLET IN MEDIAN
 (3' X 2.5' X H = 5.5')
 DBL. 10' X 6' X 303' R.C. BOX CULV'T
 (49°27'36" RT. FWD. SKEW)
 RETAIN

P. I. 884+52.81

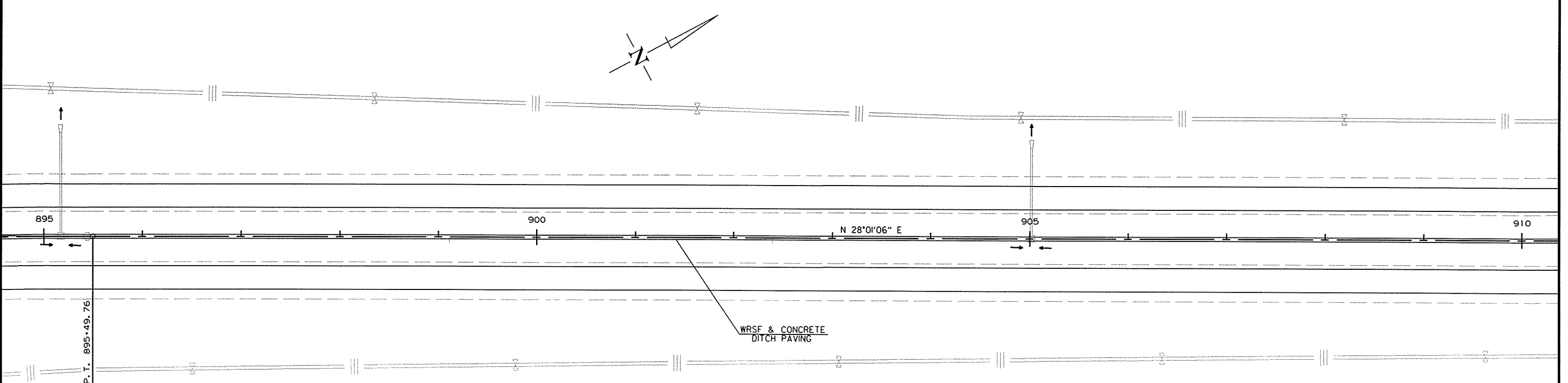


DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.		75	88

2 PLAN SHEETS



PI = 884+52.81
 Δ = 27°59'39" RT.
 D = 1'15'00"
 T = 1142.59'
 L = 2239.54'
 PC = 873+10.22
 PT = 895+49.76



STA. 895+18 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 99' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S.LT.
 RETAIN

P. I. 895+49.76

STA. 905+02 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 89' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S.LT.
 RETAIN

PLAN SHEETS

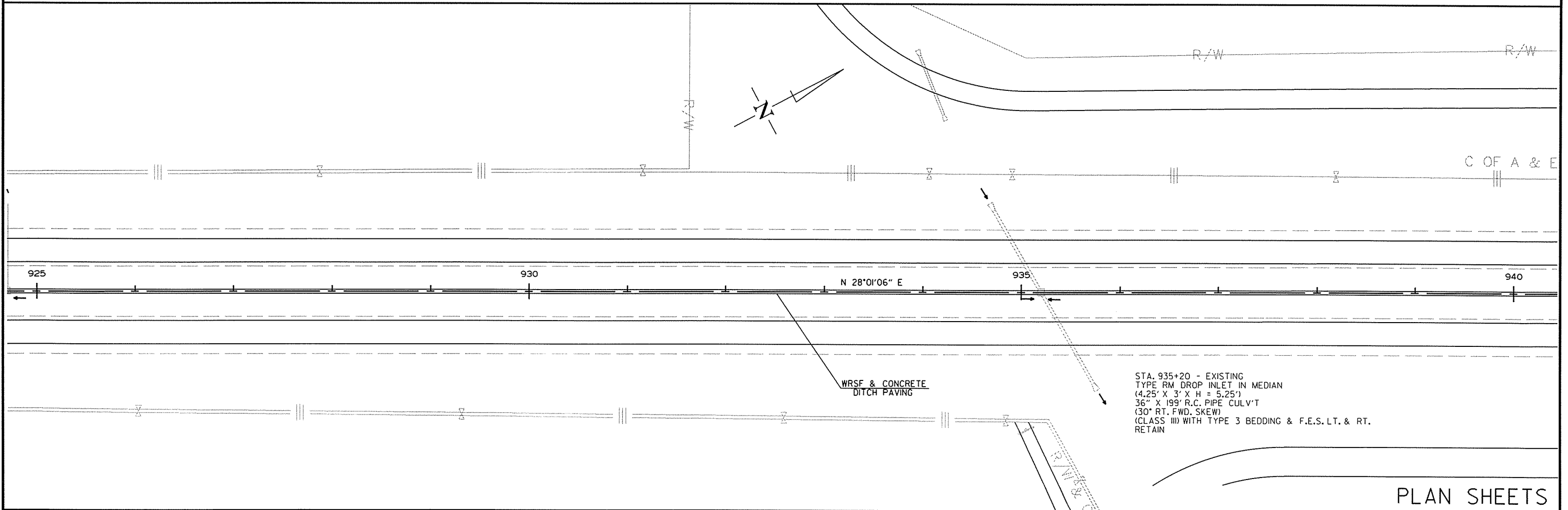
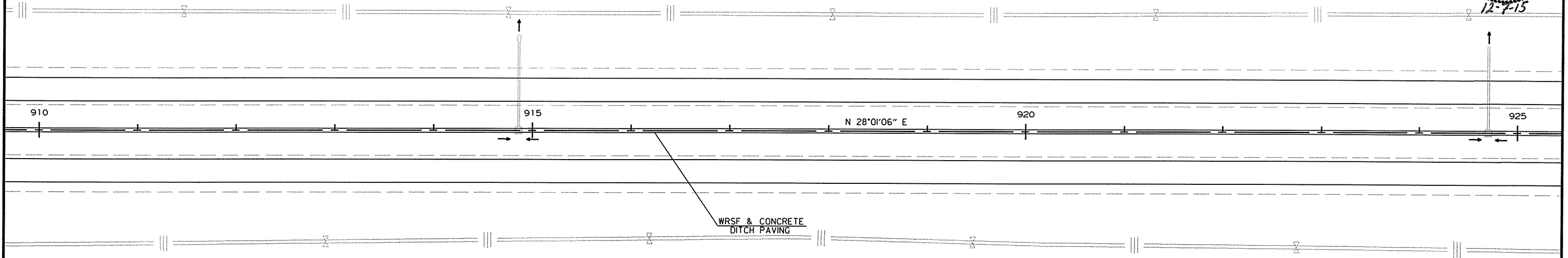
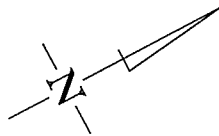
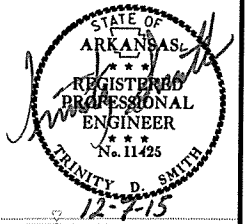
10/16/2015
 R100819.DGN

STA. 914+86 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 89' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.		76	88

② PLAN SHEETS

STA. 924+70 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 89' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
 RETAIN



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PLAN SHEETS

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
JOB NO. 100819							77	88

② PLAN SHEETS



STA. 951+61 - EXISTING
DBL. 4' X 3' X 182' R.C. BOX CULV'T
(14°38'18" LT. FWD. SKEW)
RETAIN

STA. 944+39 - EXISTING
TYPE RM DROP INLET IN MEDIAN
(4' X 3' X H = 2.75') WITH
24" X 100' R.C. PIPE OUTLET
(CLASS III) WITH TYPE 3 BEDDING & F.E.S. RT.
RETAIN

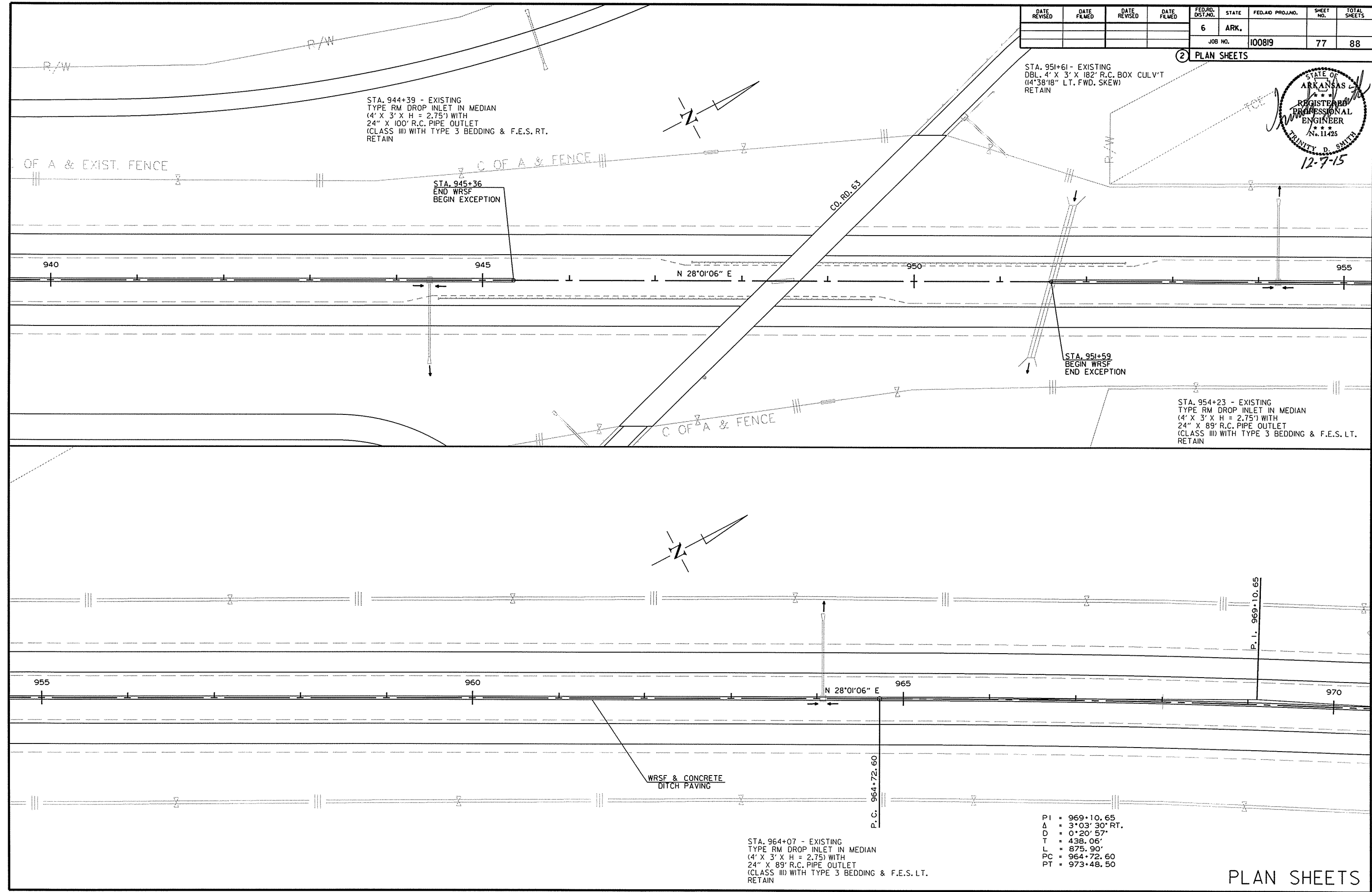
STA. 945+36
END WRSF
BEGIN EXCEPTION

STA. 951+59
BEGIN WRSF
END EXCEPTION

STA. 954+23 - EXISTING
TYPE RM DROP INLET IN MEDIAN
(4' X 3' X H = 2.75') WITH
24" X 89' R.C. PIPE OUTLET
(CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
RETAIN

STA. 964+07 - EXISTING
TYPE RM DROP INLET IN MEDIAN
(4' X 3' X H = 2.75') WITH
24" X 89' R.C. PIPE OUTLET
(CLASS III) WITH TYPE 3 BEDDING & F.E.S. LT.
RETAIN

PI = 969+10.65
Δ = 3°03'30" RT.
D = 0°20'57"
T = 438.06'
L = 875.90'
PC = 964+72.60
PT = 973+48.50



PLAN SHEETS

10/16/2015
R100819.DGN

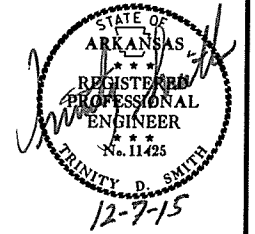
STA. 971+03 - EXISTING
 TRIPLE 4.25' X 2.5' X 198' R.C. ARCH PIPE CULV'T
 (31° RT. FWD. SKEW)
 CLASS III TYPE 3 BEDDING & F.E.S.LT. & RT.
 RETAIN

STA. 973+92 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75')
 WITH 24" X 87' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S.LT.
 RETAIN

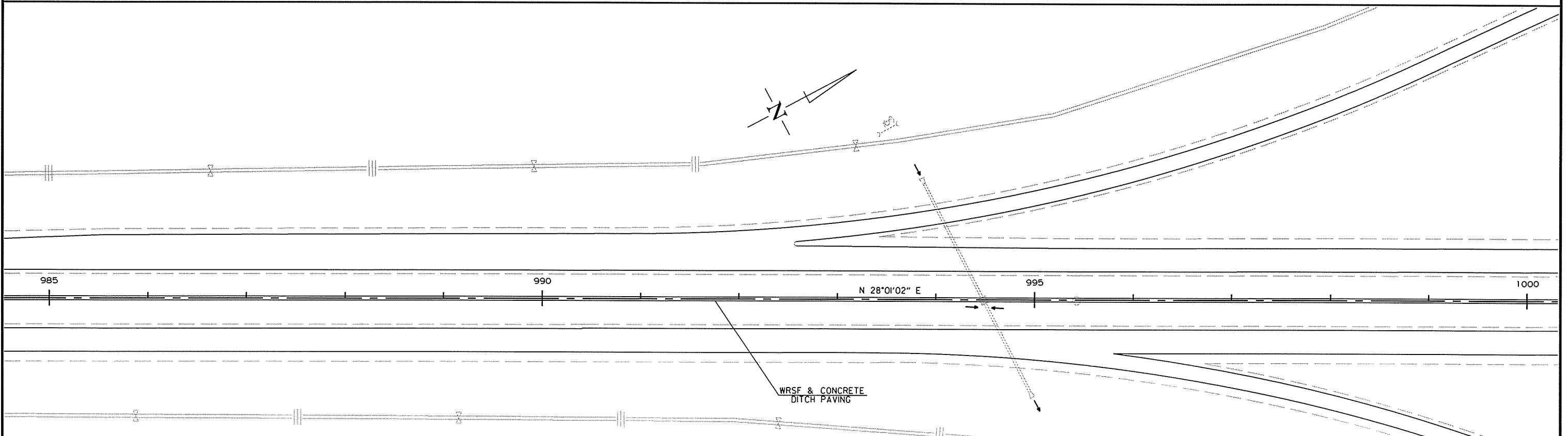
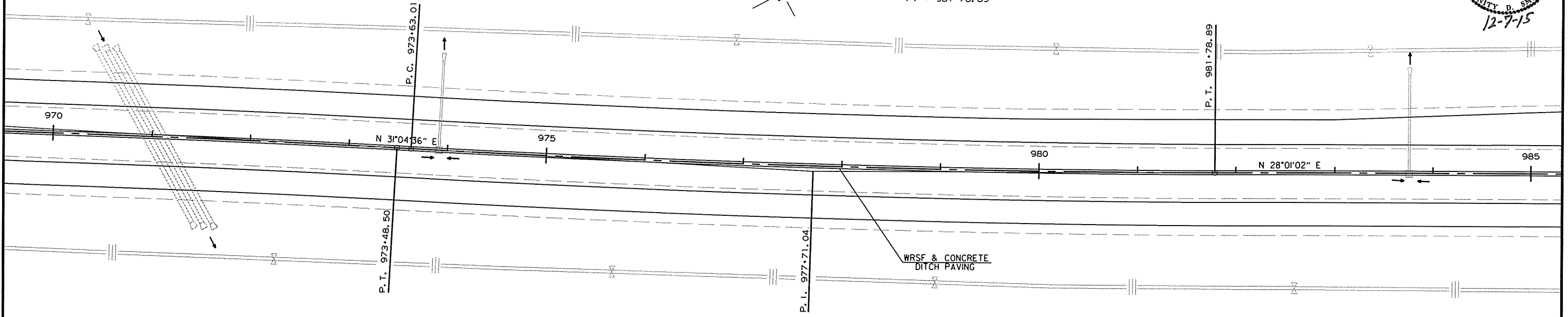
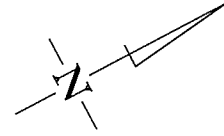
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				6	ARK.				
							JOB NO. 100819	78	88

② PLAN SHEETS

STA. 983+76 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4' X 3' X H = 2.75') WITH
 24" X 86' R.C. PIPE OUTLET
 (CLASS III) WITH TYPE 3 BEDDING & F.E.S.LT.
 RETAIN



PI = 977+71.04
 Δ = 3°03'34" LT.
 D = 0°22'30"
 T = 408.04'
 L = 815.88'
 PC = 973+63.01
 PT = 981+78.89



STA. 994+48 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (5' X 2' X H = 4.5')
 30" X 239' R.C. PIPE CULV'T
 (27° RT. FWD. SKEW)
 CLASS III TYPE 3 BEDDING & F.E.S.LT. & RT.
 RETAIN

PLAN SHEETS

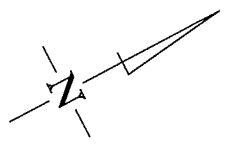
10/16/2015

R100819.DGN

STA. 1002+37 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4'-0" X 3'-0" X H = 13.49') WITH
 36" X 292' R.C. PIPE CULV'T
 (37°02'02" LT. FWD. SKEW)
 CLASS IV WITH TYPE 3 BEDDING & F.E.S. - LT. & RT.
 RETAIN

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS	
				6	ARK.				
							JOB NO. 100819	79	88

② PLAN SHEETS



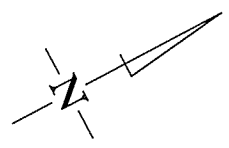
BR. END STA. 1013+65.55

BR. NO. 6541A

1000 1005 1010 1015
 N 28°01'02" E

STA. 1011+44
 END WRSF
 BEGIN EXCEPTION

BR. END STA. 1014+10.27



BR. END STA. 1016+47.95

BR. NO. 6541A

1015 1020 1025 1030
 N 28°01'02" E

BR. NO. 6541B

BR. END STA. 1016+92.67

STA. 1019+09
 BEGIN WRSF
 END EXCEPTION

STA. 1023+78 - EXISTING
 36" X 344' R.C. PIPE CULV'T
 (25°58'32" RT. FWD. SKEW)
 CLASS V WITH TYPE 3 BEDDING & F.E.S. LT. & RT.
 RETAIN

STA. 1026+39 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4'-0" X 3'-0" X H = 10'-0") WITH
 18" X 128' R.C. PIPE OUTLET CLASS IV
 WITH TYPE 3 BEDDING & F.E.S. RT.
 RETAIN

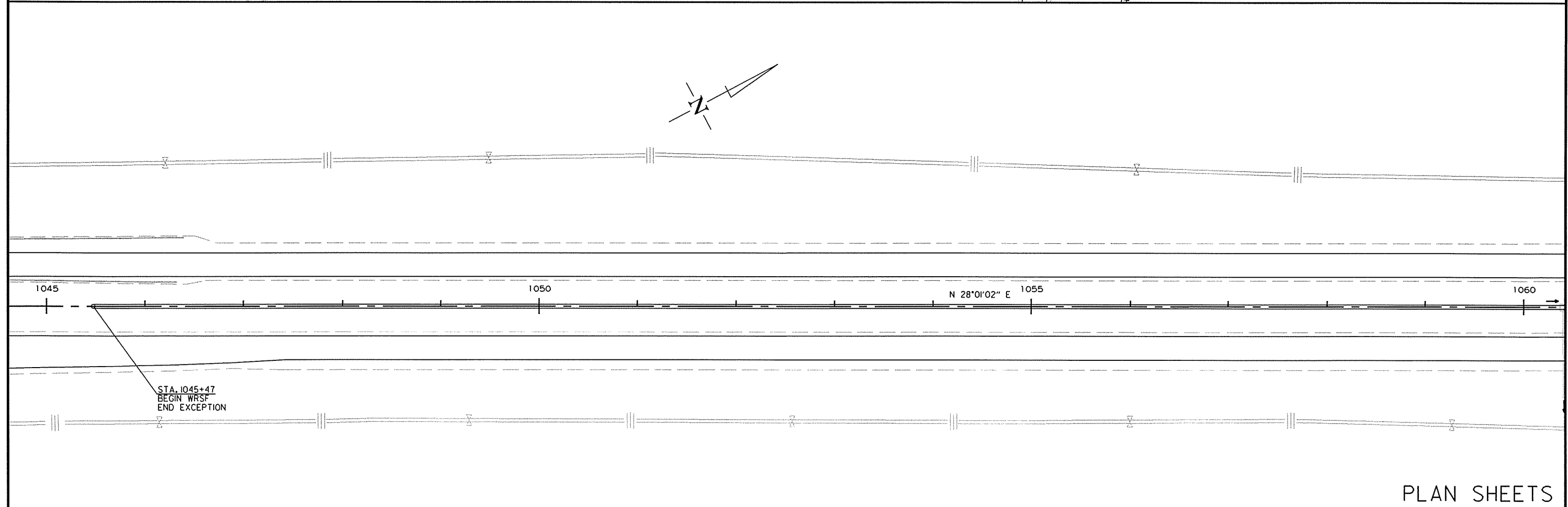
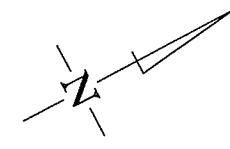
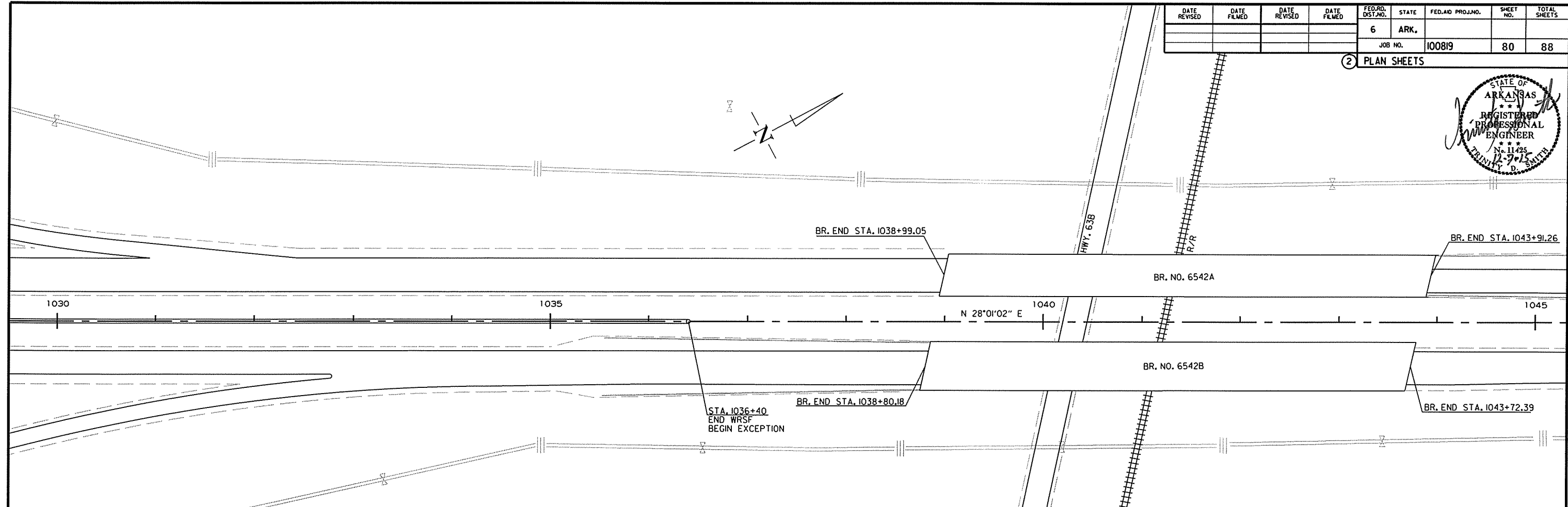
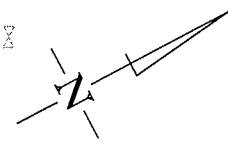
PLAN SHEETS

10/16/2015

R100819.DGN

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
							JOB NO. 100819	80 88

② PLAN SHEETS



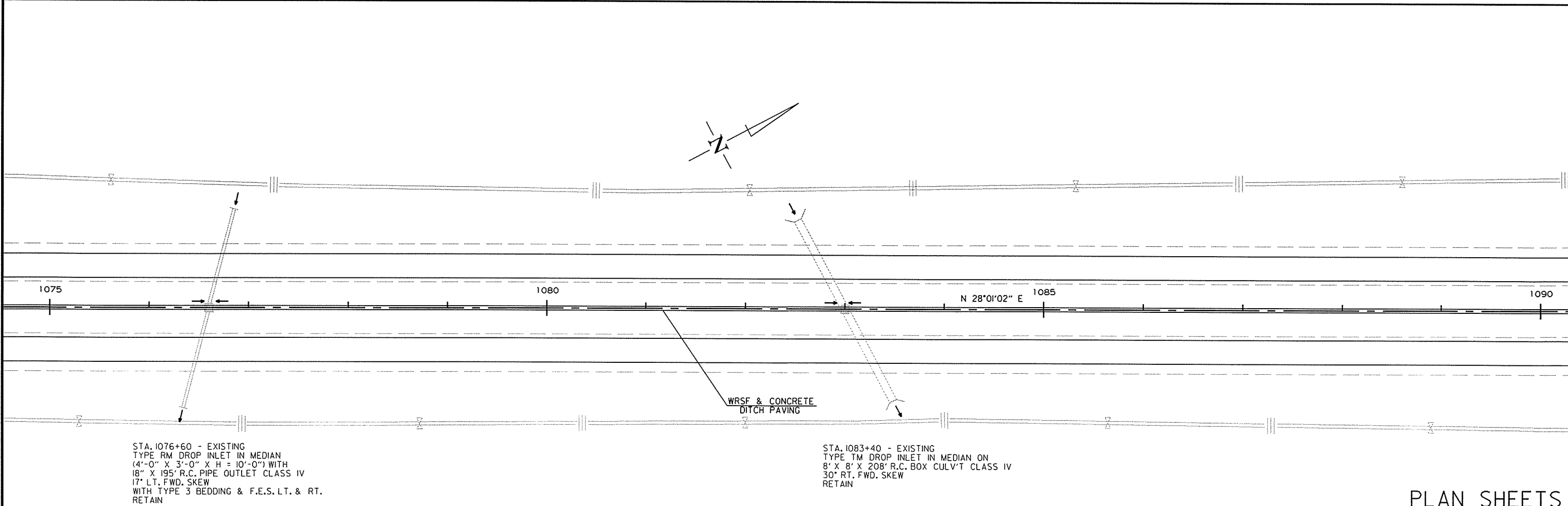
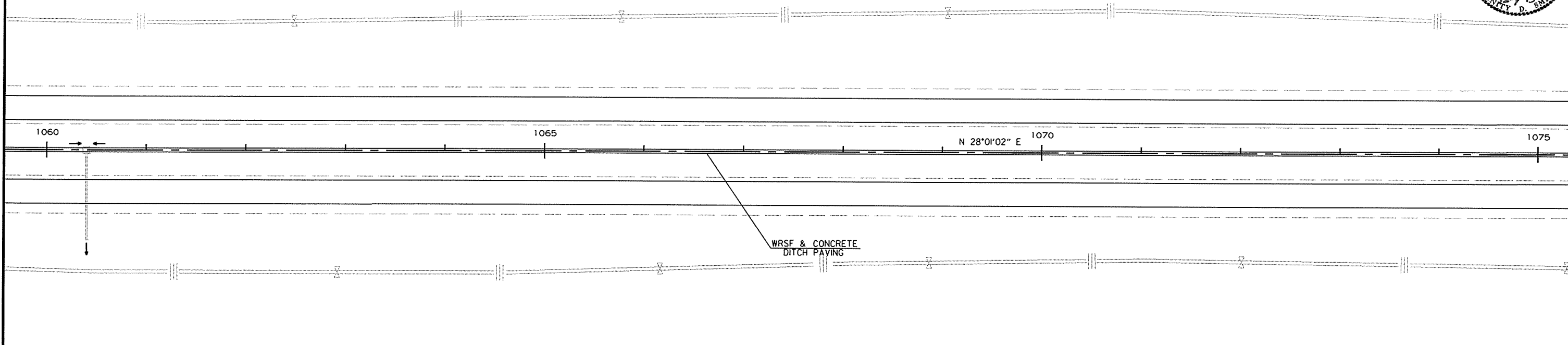
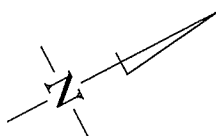
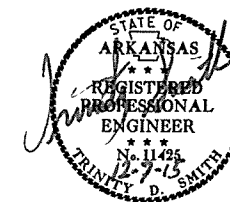
PLAN SHEETS

10/16/2015
R100819.DGN

STA. 1060+40 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4'-0" X 3'-0" X H = 10'-0") WITH
 18" X 87' R.C. PIPE OUTLET CLASS IV
 WITH TYPE 3 BEDDING & F.E.S. RT.
 RETAIN

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
							JOB NO. 100819	81 88

2 PLAN SHEETS



STA. 1076+60 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4'-0" X 3'-0" X H = 10'-0") WITH
 18" X 195' R.C. PIPE OUTLET CLASS IV
 17' LT. FWD. SKEW
 WITH TYPE 3 BEDDING & F.E.S. LT. & RT.
 RETAIN

STA. 1083+40 - EXISTING
 TYPE TM DROP INLET IN MEDIAN ON
 8' X 8' X 208' R.C. BOX CULV'T CLASS IV
 30° RT. FWD. SKEW
 RETAIN

PLAN SHEETS

10/16/2015

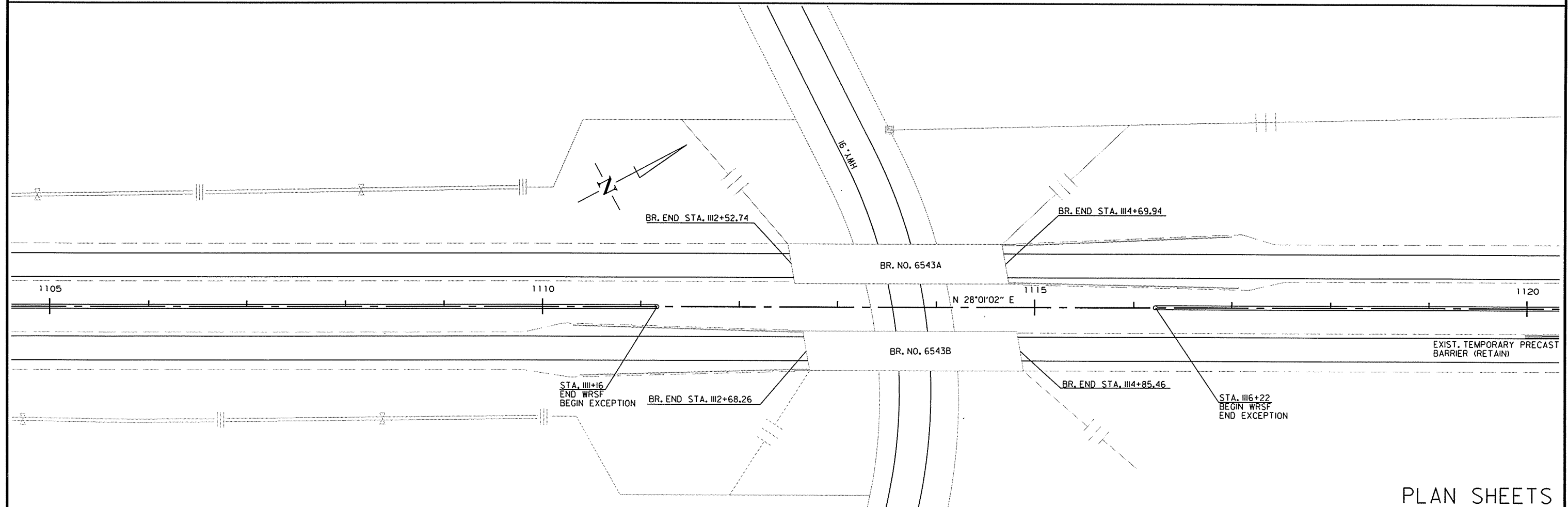
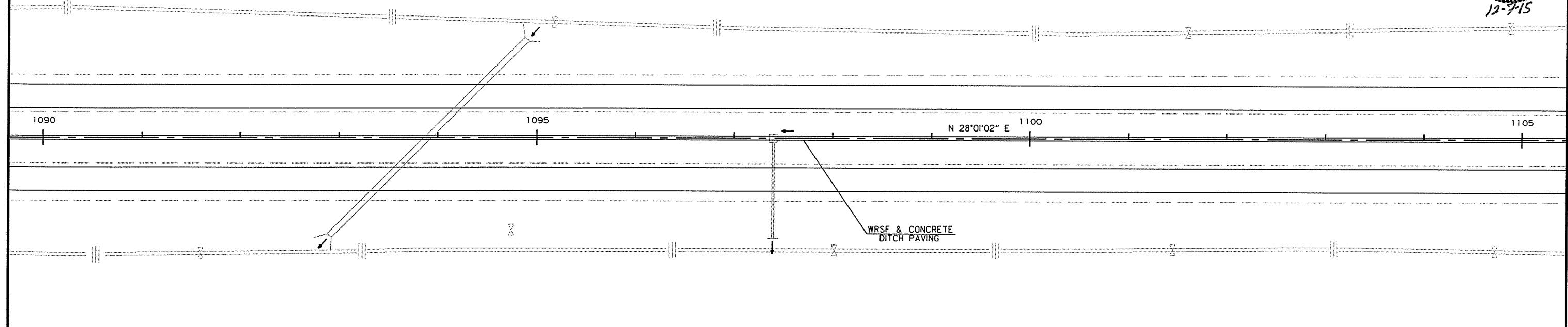
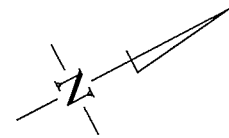
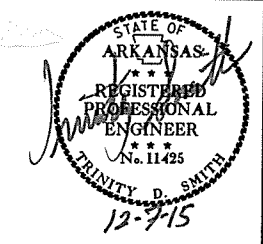
R100819.DGN

STA. 1093+90 - EXISTING
 282" X 6' X 5' R.C. BOX CULV'T
 (45° LT. FWD. SKEW)
 RETAIN

STA. 1097+40 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4'-0" X 3'-0" X H = 3' - 1.5" WITH
 102" - 18" R.C. PIPE CULV'T
 (CLASS III W/ TYPE 3 BEDDING
 WITH F.E.S. RT.
 RETAIN

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
							JOB NO.	100819
							SHEET NO.	82
							TOTAL SHEETS	88

② PLAN SHEETS

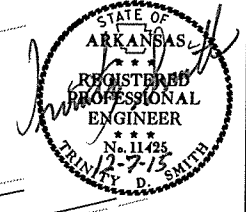


PLAN SHEETS

10/16/2015
 R100819.DGN

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.	100819		83	88

② PLAN SHEETS



STA. 1130+55 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4'-0" X 3'-0" X H = 3'-1.4") WITH
 89' - 18" R.C. CLASS III PIPE WITH
 TYPE 3 BEDDING AND OUTLET TO RT. WITH F.E.S.
 RETAIN

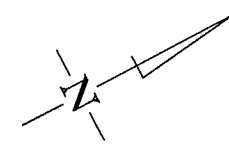
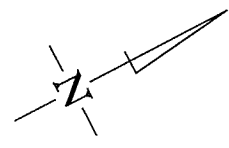
STA. 1120+50.00
 END JOB 100819
 L.M. 39.90

STA. 1120+50
 END WRSF

WRSF & CONCRETE
 DITCH PAVING

EXIST. TEMPORARY PRECAST BARRIER (RETAIN)

STA. 1140+37 - EXISTING
 TYPE RM DROP INLET IN MEDIAN
 (4'-0" X 3'-0" X H = 4'-3.8") WITH
 169' - 36" DBL. R.C. CLASS III PIPE CULV'T
 WITH TYPE 3 BEDDING AND WITH F.E.S. LT. & RT.
 RETAIN



1120 1125 1130 1135

1135 1140 1145 1150

N 28°01'02" E

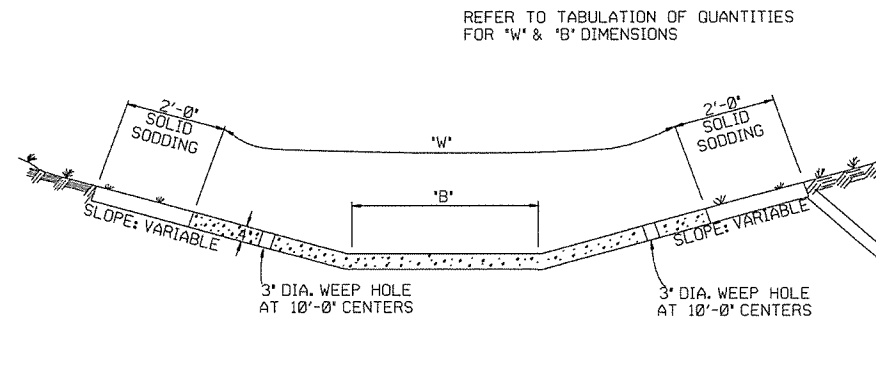
N 28°01'02" E

HWY. 412

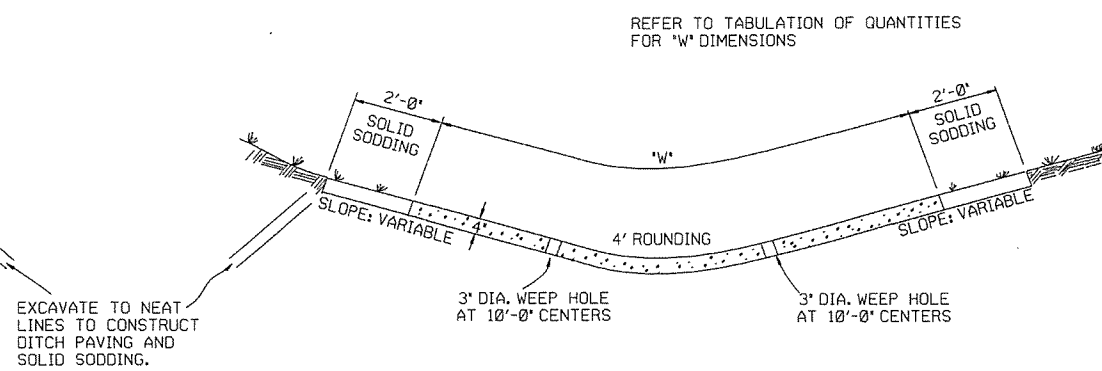
10/13/15

R100819.DCN

PLAN SHEETS



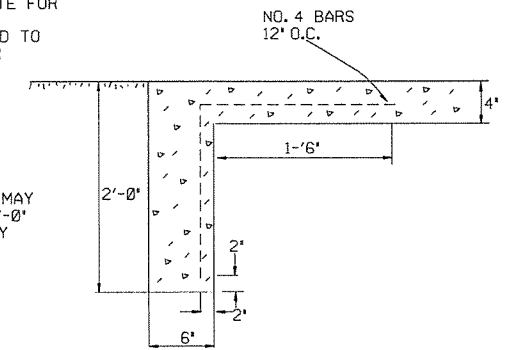
TYPE A



TYPE B

EXCAVATE TO NEAT LINES TO CONSTRUCT DITCH PAVING AND SOLID SODDING.

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

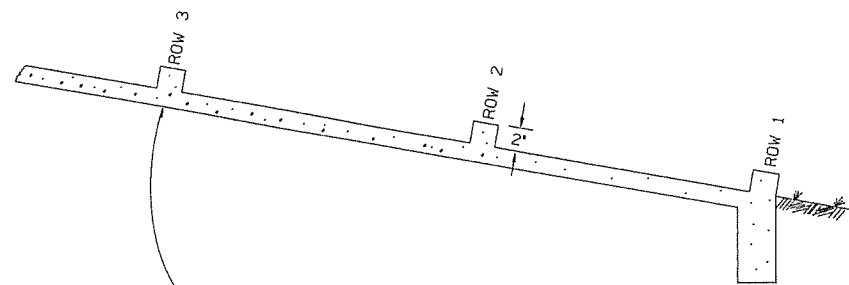
TOE WALL DEPTH MAY BE ALTERED TO 1'-0" WHEN DIRECTED BY THE ENGINEER IN ROCK EXCAVATION

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.

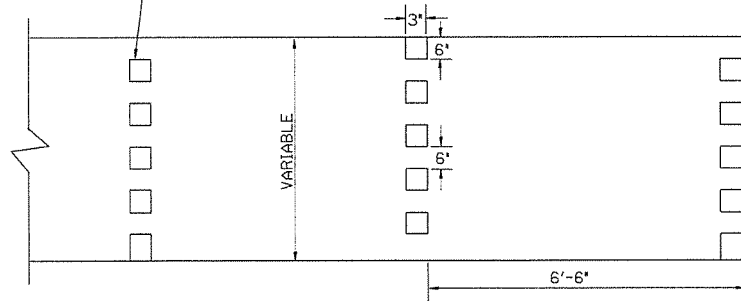
SOLID SOD ALONG DITCH PAVING TO BE PLACED WITHIN 14 DAYS OF DITCH PAVING CONSTRUCTION.

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.



NUMBER OF ELEMENTS PER ROW VARIES WITH WIDTH OF PAVING SPECIFIED

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.



ENERGY DISSIPATORS
(NO SCALE)

DATE	REVISION	DATE FILM'D
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	508-11-1-84
11-1-84	ADDED	
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


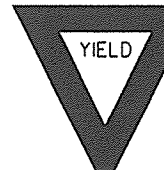
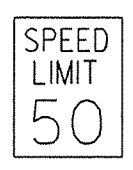
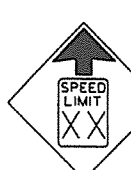



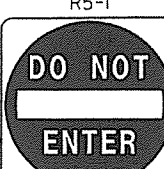
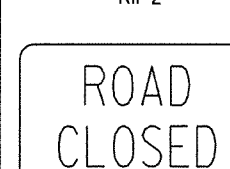
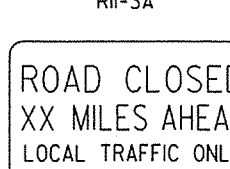
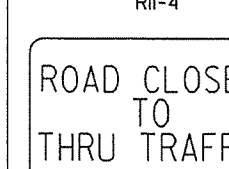

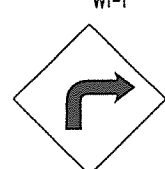
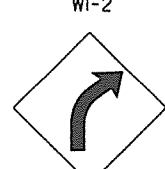
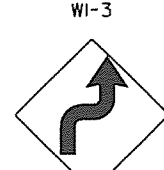
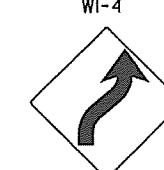
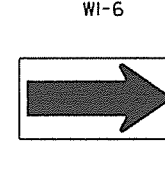
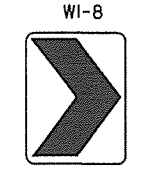
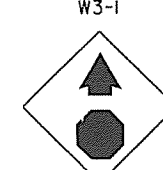
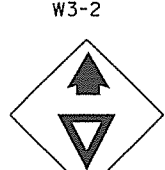
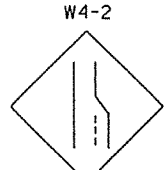

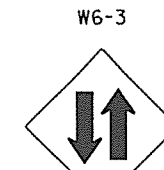
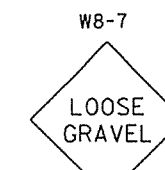
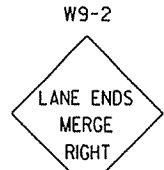
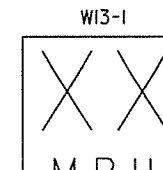
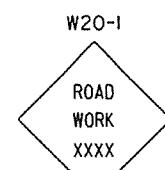
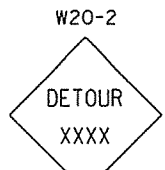
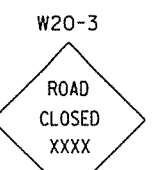
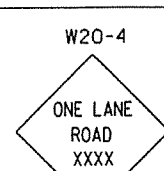
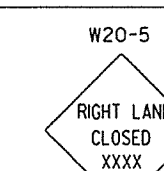

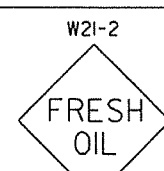
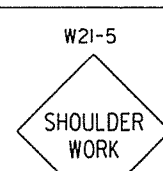
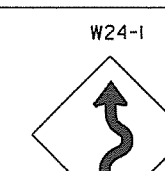
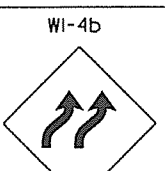
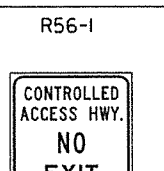
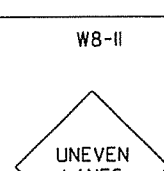
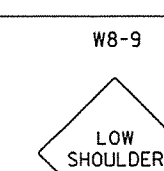
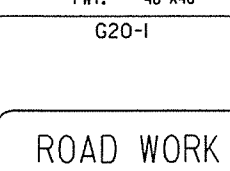
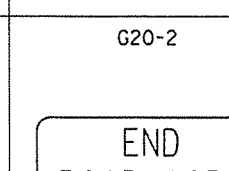
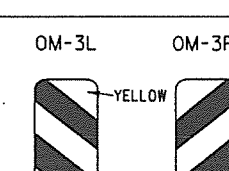
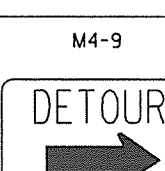
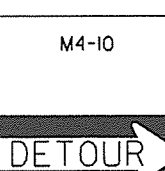
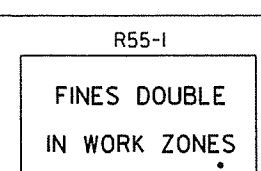
ADVANCE DISTANCES
(XXXX)
500 FT 1/2 MILE
1000 FT 3/4 MILE
1500 FT 1 MILE
AHEAD

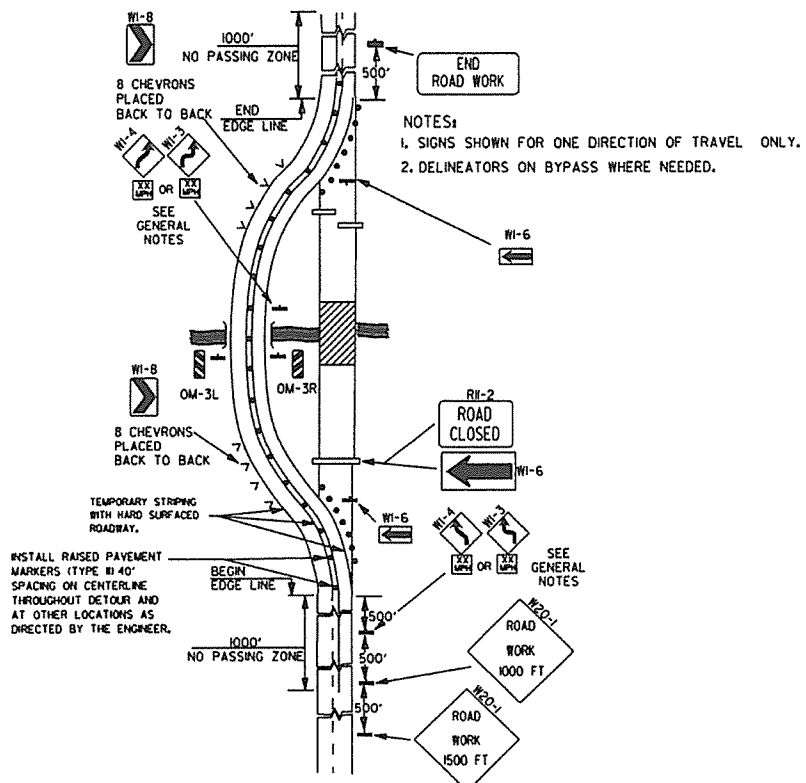
- GENERAL NOTES:
1. ALL TRAFFIC CONTROL DEVICES USED ON ROAD CONSTRUCTION SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION, AND TO THE STANDARD HIGHWAY SIGNS, LATEST EDITION, OR AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION.
 2. TRAFFIC CONTROL DEVICES SHALL BE SET UP 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 NCHRP-350 OR MANUAL FOR ASSESSING SAFETY HARDWARE (MASH), WILL BE ACCEPTED. COMPLIANCE WITH THE REQUIREMENTS OF NCHRP-350 OR MANUAL FOR ASSESSING SAFETY HARDWARE (MASH) IS REQUIRED FOR ALL PROJECTS.

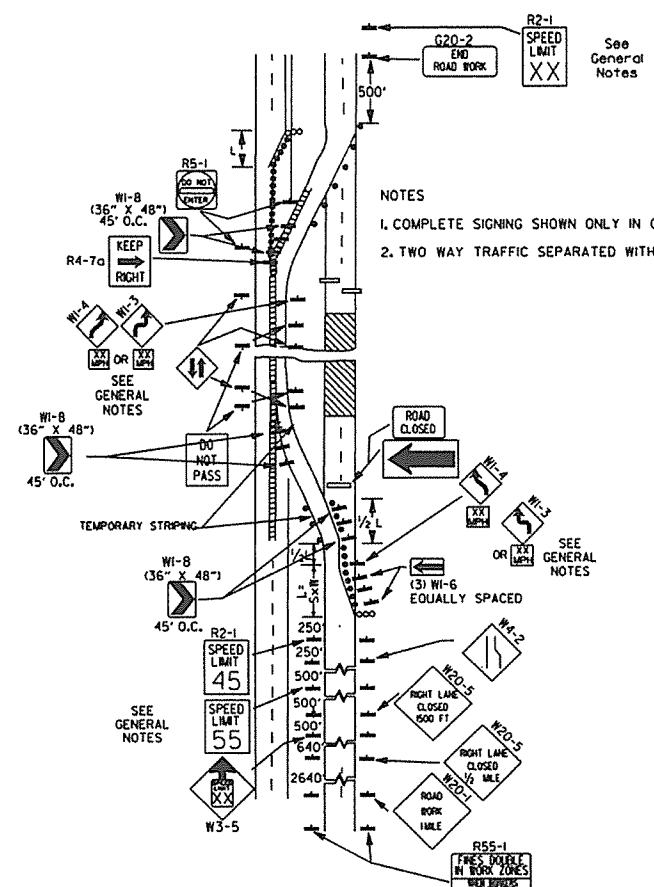
9-2-15	REVISED REDUCED SPEED LIMIT AHEAD SIGNS	
9-2-15	REVISED ROAD WORK NEXT XX MILES	
12-16-1	REVISED W24-1	
1-17-10	DELETED W8-9a & ADDED W8-9	
10-15-09	ADDED REFERENCE TO MASH & ADDED SIGN W24-1	
4-17-08	REVISED SIGN DESIGNATIONS	
1-18-04	REVISED NOTES	
10-9-03	REVISED NOTE 1	
1-16-04	REVISED NOTE 7	
9-28-00	REVISED NOTE	
1-18-98	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	
8-15-9	DRAWN AND PLACED IN USE	
DATE	REVISION	FILED

ARKANSAS STATE HIGHWAY COMMISSION
STANDARD TRAFFIC CONTROLS
FOR HIGHWAY CONSTRUCTION
STANDARD DRAWING TC-1

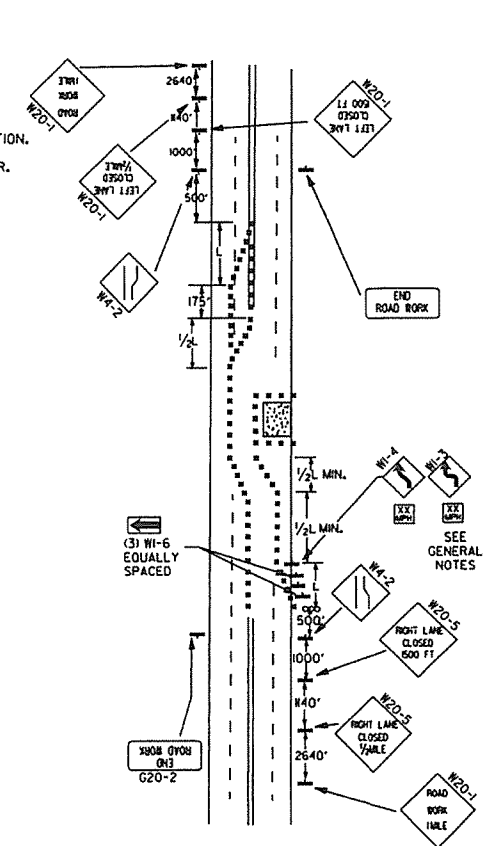
<p>RI-1</p>  <p>STANDARD 30"x30" EXPRESSWAY 36"x36" SPECIAL 48"x48"</p>	<p>RI-2</p>  <p>STD. 36"x36"x36" EXPWY. 48"x48"x48" FWY. 60"x60"x60"</p>	<p>R2-1</p>  <p>STD. 24"x30" EXPWY. 36"x48" FWY. 48"x60"</p>	<p>W3-5</p>  <p>STD. 36"x36" EXPWY. 48"x48" FWY. 48"x48"</p>	<p>W3-5a</p>  <p>STD. 36"x36" EXPWY. 48"x48" FWY. 48"x48"</p>	<p>R4-1</p>  <p>STD. 24"x30" EXPWY. 36"x48" FWY. 48"x60"</p>	<p>R4-2</p>  <p>STD. 24"x30" EXPWY. 36"x48" FWY. 48"x60"</p>	
<p>R5-1</p>  <p>STD. 30"x30" EXPWY. 36"x36" SPECIAL 48"x48"</p>	<p>R11-2</p>  <p>48"x30"</p>	<p>R11-3A</p>  <p>60"x30"</p>	<p>R11-4</p>  <p>60"x30"</p>	<p>RSP-1</p>  <p>48"x30"</p>	<p>W1-1</p>  <p>STD. 36"x36" FWY. 48"x48"</p>	<p>W1-2</p>  <p>STD. 36"x36" FWY. 48"x48"</p>	
<p>W1-3</p>  <p>STD. 48"x48"</p>	<p>W1-4</p>  <p>STD. 48"x48"</p>	<p>W1-6</p>  <p>STD. 48"x24" SPECIAL 60"x30"</p>	<p>W1-8</p>  <p>STD. 18"x24" SPECIAL 24"x30" EXPWY. 30"x36" FWY. 36"x48"</p>	<p>W3-1</p>  <p>STD. 36"x36" SPECIAL 48"x48"</p>	<p>W3-2</p>  <p>STD. 36"x36" SPECIAL 48"x48"</p>	<p>W4-2</p>  <p>STD. 36"x36" FWY. 48"x48"</p>	
<p>W5-1</p>  <p>STD. 36"x36" SPECIAL 48"x48"</p>	<p>W6-3</p>  <p>EXPWY. 36"x36" SPECIAL 48"x48"</p>	<p>W8-7</p>  <p>EXPWY. 36"x36" FWY. 48"x48"</p>	<p>W9-2</p>  <p>STD. 36"x36" FWY. 48"x48"</p>	<p>W13-1</p>  <p>STD. 24"x24"</p>	<p>W20-1</p>  <p>STD. 48"x48"</p>	<p>W20-2</p>  <p>STD. 48"x48"</p>	<p>W20-3</p>  <p>STD. 48"x48"</p>
<p>W20-4</p>  <p>STD. 48"x48"</p>	<p>W20-5</p>  <p>STD. 48"x48"</p>	<p>W20-7a</p>  <p>500 FEET 24" W6-2</p> <p>STD. 36"x36" FWY. 48"x48"</p>	<p>W21-2</p>  <p>STD. 30"x30" SPECIAL 36"x36"</p>	<p>W21-5</p>  <p>STD. 30"x30" SPECIAL 36"x36"</p>	<p>W24-1</p>  <p>STD. 36"x36"</p>	<p>W1-4b</p>  <p>STD. 48"x48"</p>	<p>R56-1</p>  <p>STD. 18"x18"</p>
<p>W8-11</p>  <p>STD. 36"x36" FWY. 48"x48"</p>	<p>W8-9</p>  <p>STD. 36"x36" FWY. 48"x48"</p>	<p>G20-1</p>  <p>60"x24"</p>	<p>G20-2</p>  <p>48"x24"</p>	<p>OM-3L OM-3R</p>  <p>12"x36"</p>	<p>M4-9</p>  <p>STD. 30"x24" SPECIAL 48"x36" SPECIAL 60"x48"</p>	<p>M4-10</p>  <p>48"x18"</p>	<p>R55-1</p>  <p>36"x60"</p> <p>• USE 6" C LETTERS •• USE 4" D LETTERS</p>



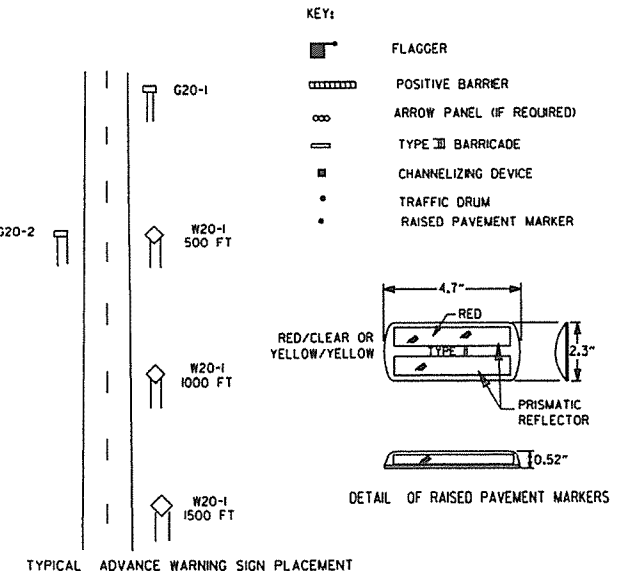
(A) TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES ON A 2-LANE HIGHWAY WHERE THE ENTIRE ROADWAY IS CLOSED AND A BYPASS DETOUR IS PROVIDED.



(B) TYPICAL APPLICATION - 4-LANE DIVIDED ROADWAY WHERE ONE ROADWAY IS CLOSED.

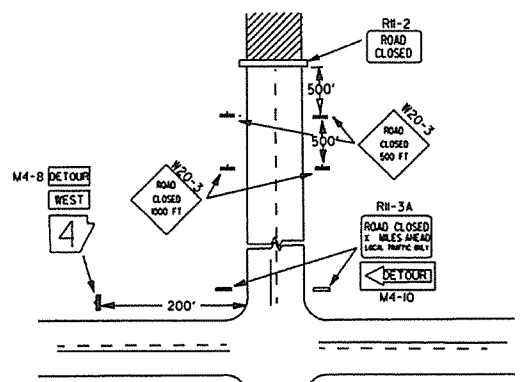


(C) TYPICAL APPLICATION - 4-LANE UNDIVIDED ROADWAY WHERE HALF OF THE ROADWAY IS CLOSED.



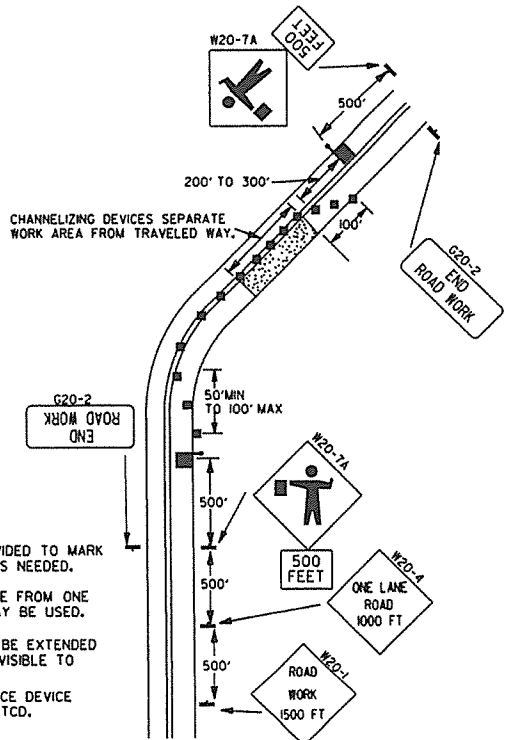
TAPER FORMULAE:
 $L = SXW$ FOR SPEEDS OF 45MPH OR MORE.
 $L = \frac{WS^2}{60}$ FOR SPEEDS OF 40MPH OR LESS.
 WHERE:
 L = MINIMUM LENGTH OF TAPER.
 S = NUMERICAL VALUE OF POSTED SPEED LIMIT PRIOR TO WORK OR 85TH PERCENTILE SPEED.
 W = WIDTH OF OFFSET.

- GENERAL NOTES:
- ADVISORY SPEED POSTED ON W1-3 OR W1-4 CURVE WARNING SIGNS TO BE DETERMINED AT SITE. USE W1-4 WHEN SPEED IS GREATER THAN 30MPH AND W1-3 WHEN 30MPH OR LESS.
 - WHEN THE EXISTING SPEED LIMIT IS 55MPH AND THE PLANS REQUIRE A SPEED LIMIT OF 45MPH, THE R2-(K55) SHALL BE OMITTED AND THE W3-5 SHALL BE INSTALLED AT THAT LOCATION. ADDITIONAL R2-145MPH SPEED LIMIT SIGNS SHALL BE INSTALLED AT A MAXIMUM OF 1/2 MILE INTERVALS. AT THE END OF THE WORK AREA A R2-(KXX) SHALL BE INSTALLED TO MATCH ORIGINAL SPEED LIMIT.
 - WHEN THE EXISTING SPEED LIMIT IS 65MPH AND THE PLANS REQUIRE A SPEED LIMIT OF 55MPH, THE R2-(K65) SHALL BE OMITTED. ADDITIONAL R2-155MPH SPEED LIMIT SIGNS SHALL BE INSTALLED AT A MAXIMUM OF 1/2 MILE INTERVALS. AT THE END OF THE WORK AREA A R2-(KXX) SHALL BE INSTALLED TO MATCH ORIGINAL SPEED LIMIT.
 - 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.
 - WARNING LIGHTS AND/OR FLAGS MAY BE MOUNTED TO SIGNS OR CHANNELIZING DEVICES AT NIGHT AS NEEDED.
 - PAVEMENT MARKINGS NO LONGER APPLICABLE WHICH MIGHT CREATE CONFUSION IN THE MINDS OF VEHICLE OPERATORS SHALL BE REMOVED OR OBLITERATED AS SOON AS PRACTICABLE.
 - 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.
 - 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 AHTD QUALIFIED PRODUCTS LIST.

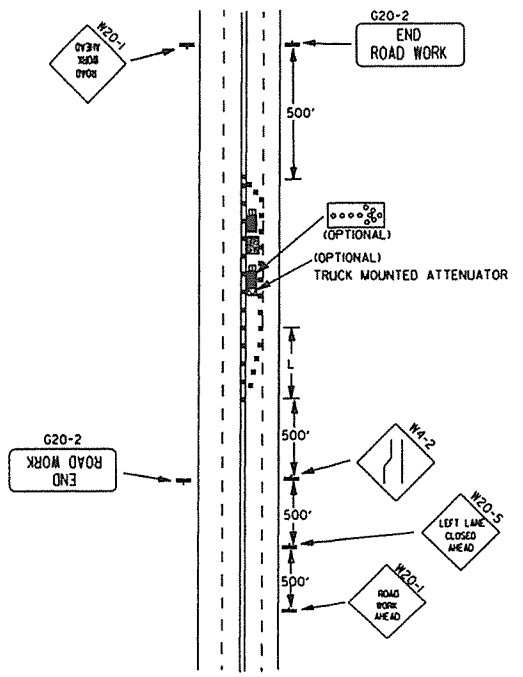


- NOTES:
 1. REGULATORY TRAFFIC CONTROL DEVICES TO BE MODIFIED AS NEEDED FOR THE DURATION OF THE DETOUR.
 2. STREET NAMES MAY BE USED WHEN DESIRABLE FOR DIRECTING DETOURED TRAFFIC.

(D) TYPICAL APPLICATION - ROADWAY CLOSED BEYOND DETOUR POINT.



(E) TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES ON 2-LANE HIGHWAY WHERE ONE LANE IS CLOSED AND FLAGGING IS PROVIDED.

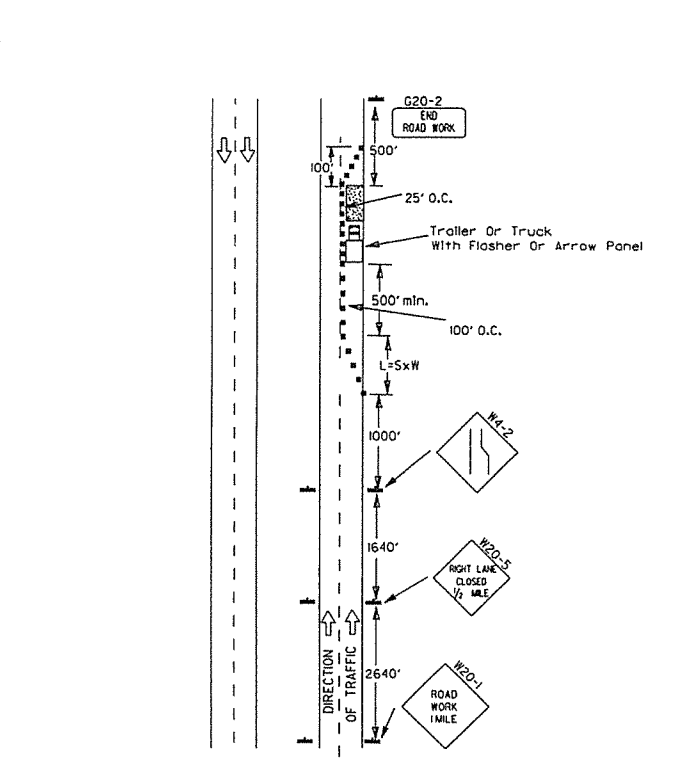


(F) TYPICAL APPLICATION - 4-LANE UNDIVIDED ROADWAY WITH INSIDE LANE CLOSED.

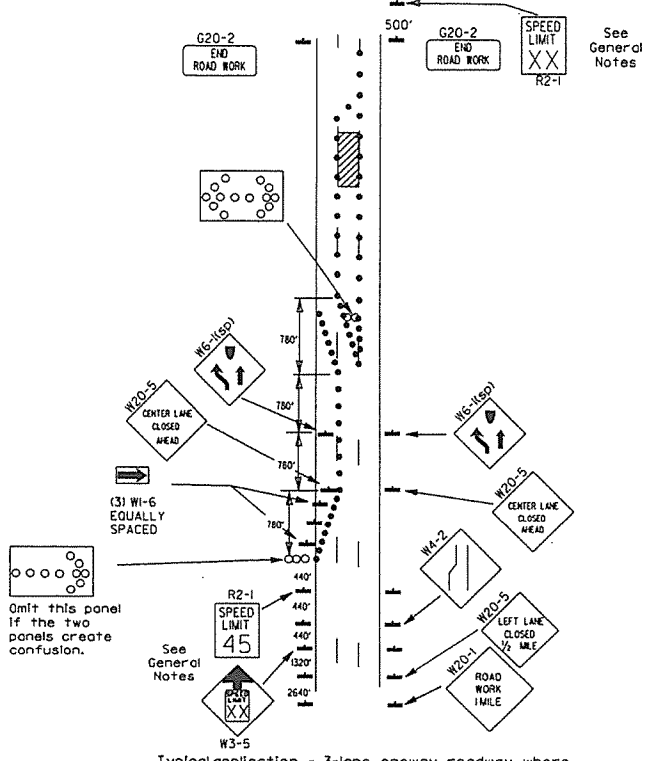
DATE	REVISION	FILMED
9-2-15	REVISED NOTE 2, ADDED NOTE 8, REVISED DRAWING (A) & REPLACED R2-5A WITH W3-5	
9-12-13	REVISED DETAIL OF RAISED PAVEMENT MARKERS	
3-1-10	ADDED (AFAD)	
8-20-08	REVISED SIGN DESIGNATIONS	
11-18-04	ADDED GENERAL NOTE	
10-18-96	ADDED R55-1	
4-26-96	CORRECTED (a) BEHIND G20-2	
6-8-95	CORRECTED SIGN IDENT. ON W1-4A	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

Channelizing devices



(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 one-way roadway where center lane is closed.

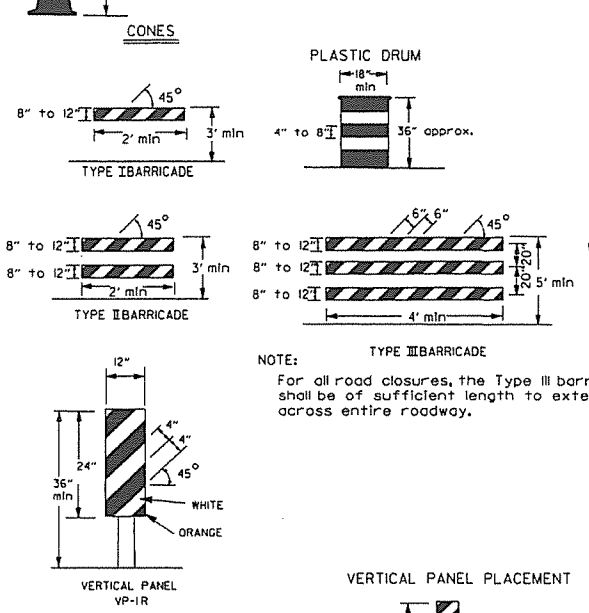
- KEY:
- Arrow Panel (if Required)
 - Channelizing Device
 - Traffic drum

GENERAL NOTES:

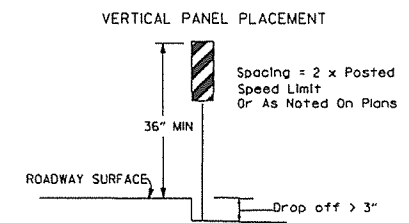
1. A speed limit reduction may be implemented ONLY when designated in the plan or when recommended by the Roadway Design Division.
2. When the existing speed limit is 55mph and the plans require a speed limit of 45mph, the R2-1(55) shall be omitted and the W3-5 shall be installed at that location. Additional R2-1(45) speed limit signs shall be installed at a maximum of 1/2 mile 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(65) shall be omitted. Additional R2-1(55) speed limit signs shall be installed at a maximum of 1/2 mile 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(1/2 MILE) 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 NCHRP-350 or 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.

(C) Typical application - construction operations of intermediate to long term duration on a 4-lane divided roadway where half of the roadway is closed.

* 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.



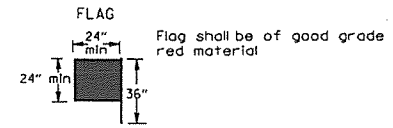
NOTE: For all road closures, the Type III barricades shall be of sufficient length to extend across entire roadway.



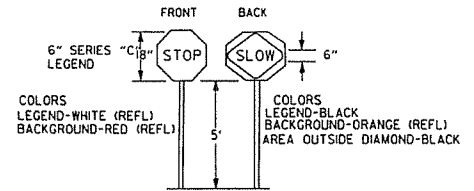
TRAFFIC CONTROL DEVICES FOR VERTICAL PAVEMENT DIFFERENTIALS

VERTICAL DIFFERENTIAL	LOCATIONS	TRAFFIC CONTROL
1" to 3"	Centerline, lane lines	W8-11
1" to 3"	Edge of shoulder	W8-9
Greater than 3"	Lane lines	Standard lane closure required
Greater than 3"	Edge of traveled lane	*RSP-lane vertical panels, drums or concrete barrier
Greater than 3"	Edge of shoulder	*Vertical panels, drums or concrete barrier

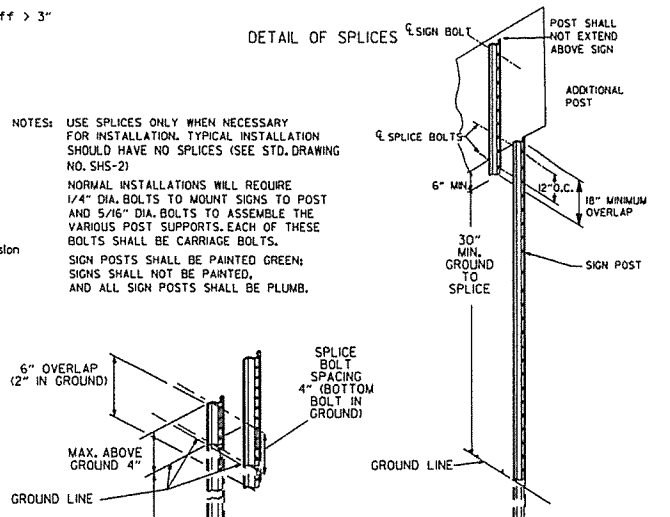
* When shown on the plans concrete barrier will be used. When the shoulder area is used as part of the traveled lane and there is insufficient width to place drums on the remaining shoulder width, then vertical panels shall be used.



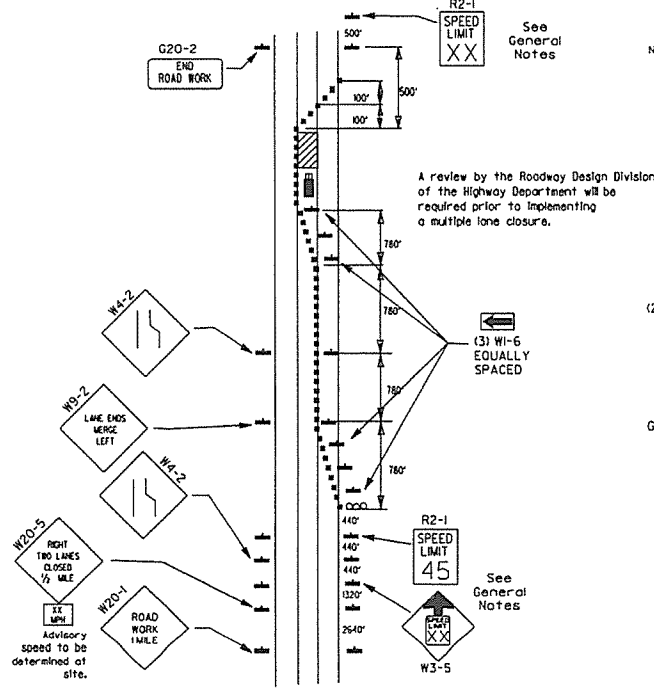
STOP SLOW PADDLE



DETAIL OF SPLICES

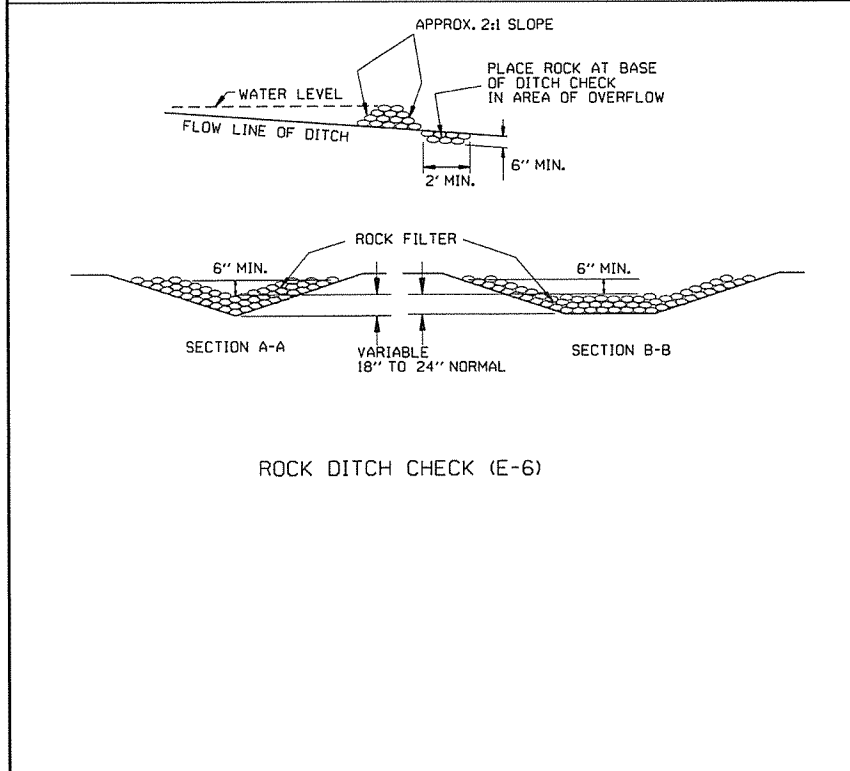
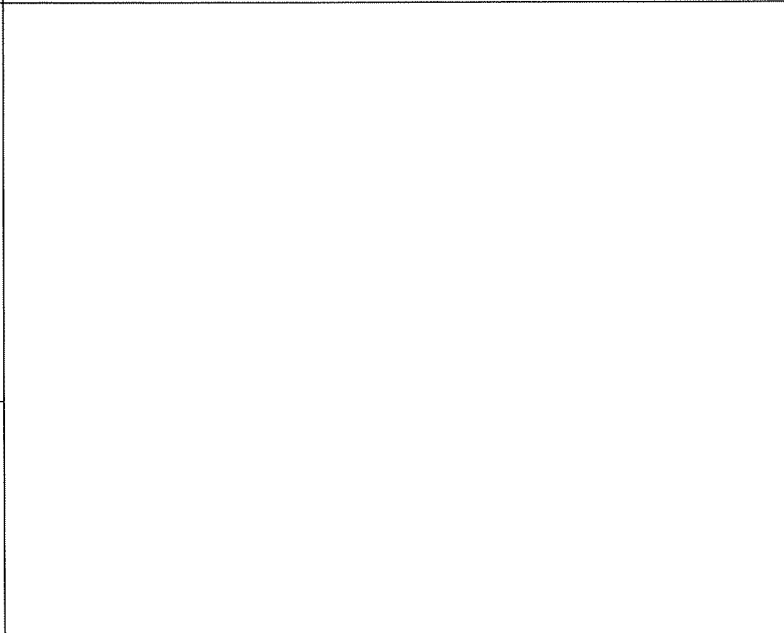
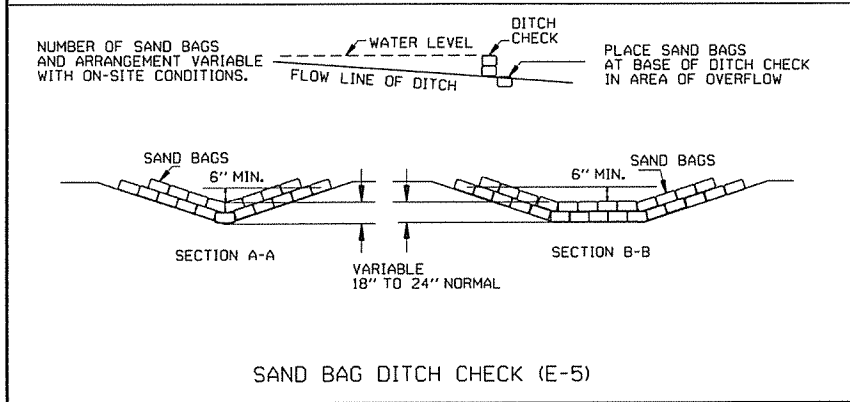
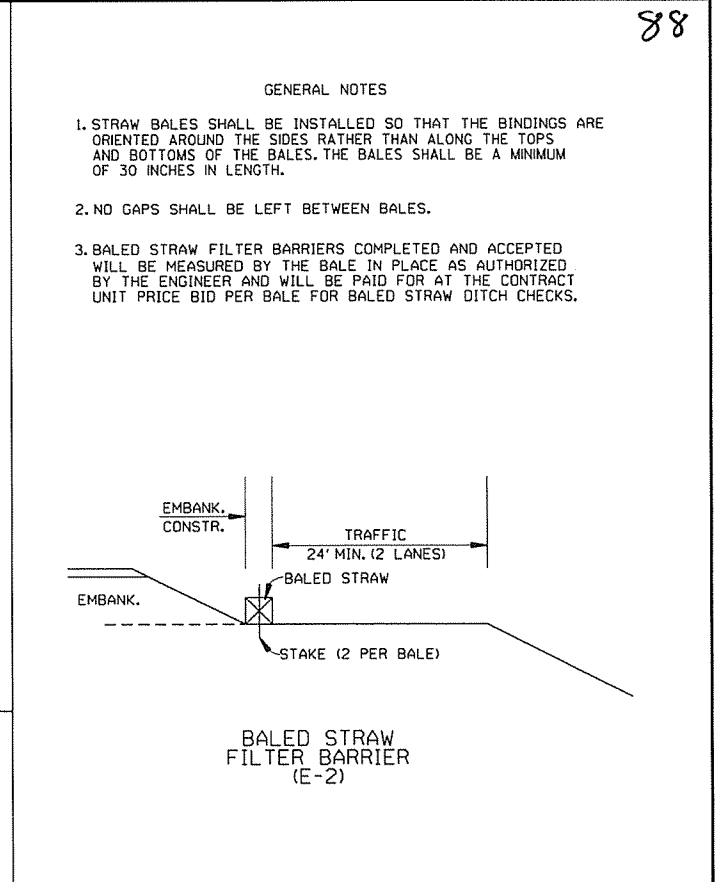
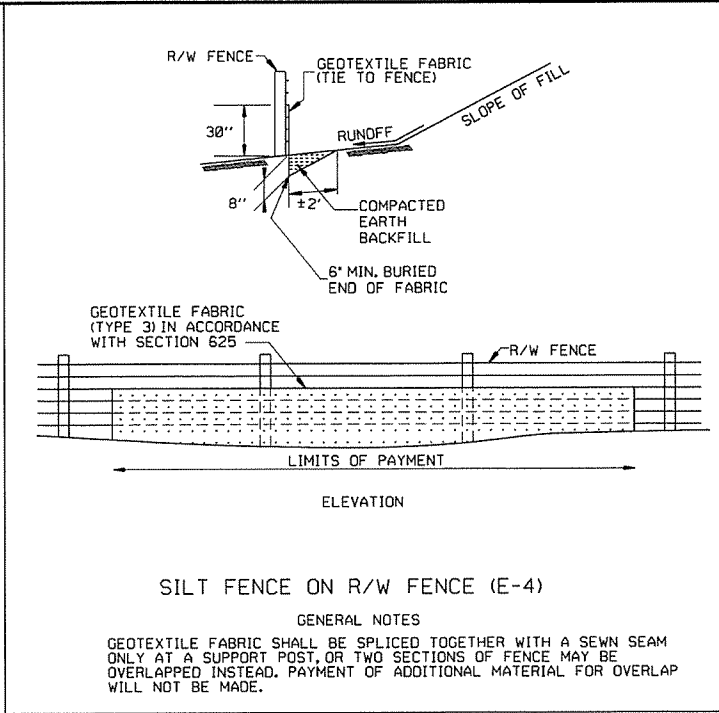
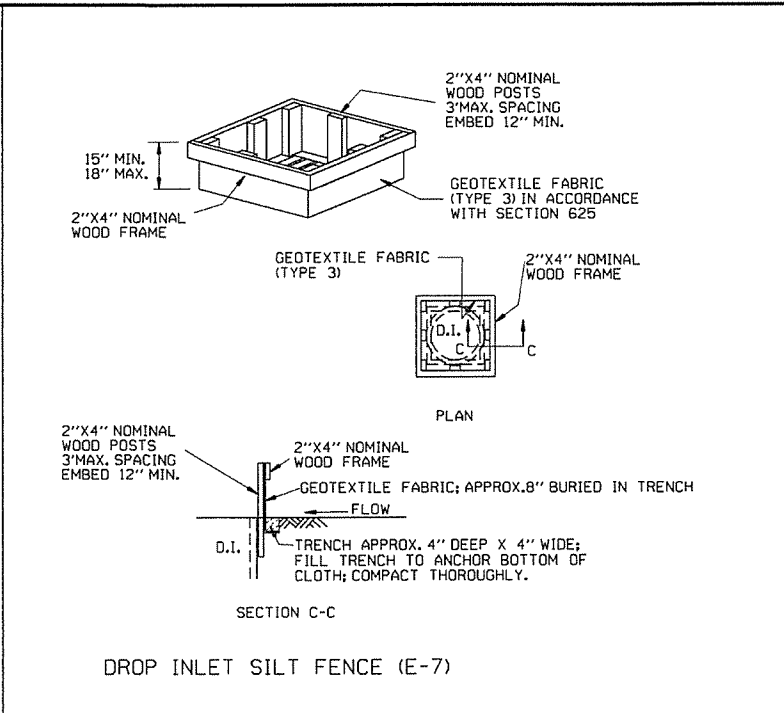
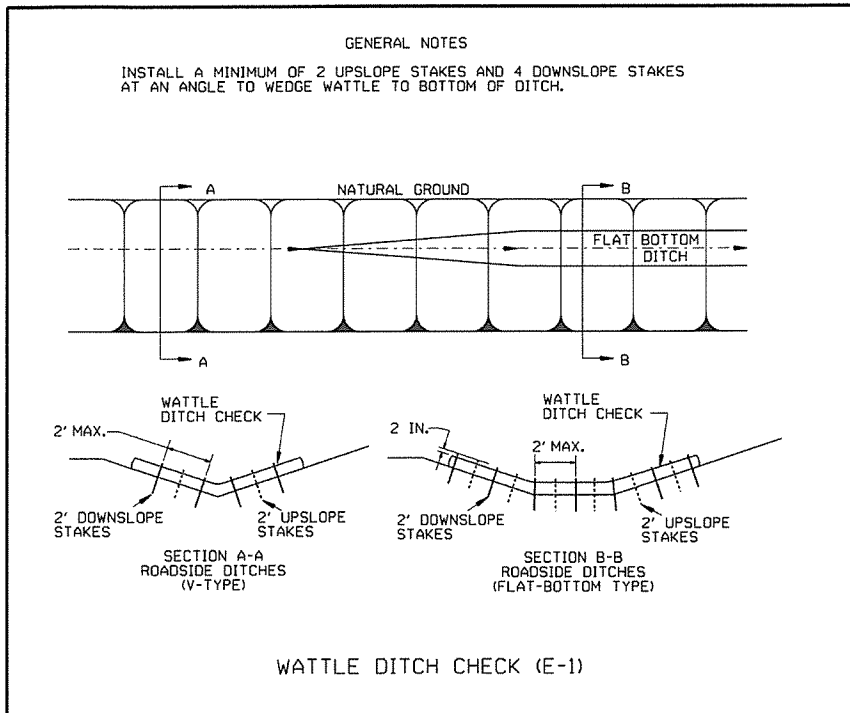


NOTES: USE SPLICES ONLY WHEN NECESSARY FOR INSTALLATION. TYPICAL INSTALLATION SHOULD HAVE NO SPLICES (SEE STD. DRAWING NO. SHS-2). NORMAL INSTALLATIONS WILL REQUIRE 1/4" DIA. BOLTS TO MOUNT SIGNS TO POST AND 5/16" DIA. BOLTS TO ASSEMBLE THE VARIOUS POST SUPPORTS. EACH OF THESE BOLTS SHALL BE CARRIAGE BOLTS. SIGN POSTS SHALL BE PAINTED GREEN; SIGNS SHALL NOT BE PAINTED, AND ALL SIGN POSTS SHALL BE PLUMB.



(D) Typical application - closing multiple lanes of a multi-lane highway.

DATE	REVISION	FILED
9-2-85	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 (SPI) 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	



DATE	REVISION	FILED
12-15-11	DELETED BALED STRAW DITCH CHECK & ADDED WATTLE DITCH CHECK	
11-18-98	ADDED NOTES	
7-02-98	ADDED BALED STRAW FILTER BARRIER (E-2)	
7-20-95	REVISED SILT FENCE E-4 AND E-11	7-20-95
7-15-94	REV. E-4 & E-11 MIN. 13" BURIED END OF FABRIC	
6-2-94	REVISED E-1, 4, 7 & 11; DELETED E-2 & 3	6-2-94
4-1-93	REDRAWN	
10-1-92	REDRAWN	
8-2-76	ISSUED R.D.M.	298-7-28-76
		FILMED

ARKANSAS STATE HIGHWAY COMMISSION

TEMPORARY EROSION CONTROL DEVICES

STANDARD DRAWING TEC-1