

PLAN OF PROPOSED
INTERSTATE
INTERCHANGE, GRADE, DRAIN, BRIDGE & SURFACE

INTERSTATE 44
TULSA COUNTY

CONTROL SECTION NO. 44-72-78
STATE JOB NO. 32728(04)

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US-75
END INCIDENTAL

US-75
END PROJECT
BEGIN INCIDENTAL

I-44
END PROJECT
BEGIN INCIDENTAL


I-44
END INCIDENTAL

I-44
BEGIN INCIDENTAL


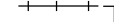
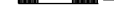
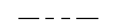

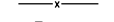

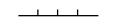




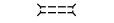

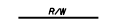
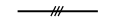


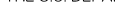
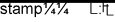
I-44
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END INCIDENTAL

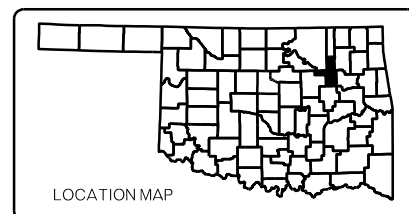
US-75
BEGIN PROJECT
END INCIDENTAL
US-75
BEGIN INCIDENTAL

APPENDIX P
(SEE I-44 FROM I-244 TO
ARKANSAS RIVER
PRELIM. ENGINEERING
REPORT FOR
ADDITIONAL DETAILS)

SCALES 
PLAN 1" = 100'
PROFILE HOR. 1" = 100'
VER. 1" = 10'
LAYOUT MAP 1" = 1,056'


CONVENTIONAL SYMBOLS

-  PROPOSED ROAD
-  RAILROADS
-  RANGE & TOWNSHIP
-  SECTION LINES
-  QUARTER SECTION LINES
-  FENCES
-  GROUND LINE
-  EXISTING ROADS
-  BASE LINE
-  GRADE LINES
-  TELEPHONE & TELEGRAPH
-  POWER LINES
-  BUILDINGS
-  OIL WELL
-  DRAINAGE STRUCTURES - IN PLACE
-  DRAINAGE STRUCTURES - NEW
-  RIGHT-OF-WAY LINES - EXISTING
-  RIGHT-OF-WAY LINES - NEW
-  CONTROLLED ACCESS
-  RIGHT-OF-WAY FENCE



2009 OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION GOVERN, APPROVED BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION, JANUARY 4, 2010.

PREPARED BY:

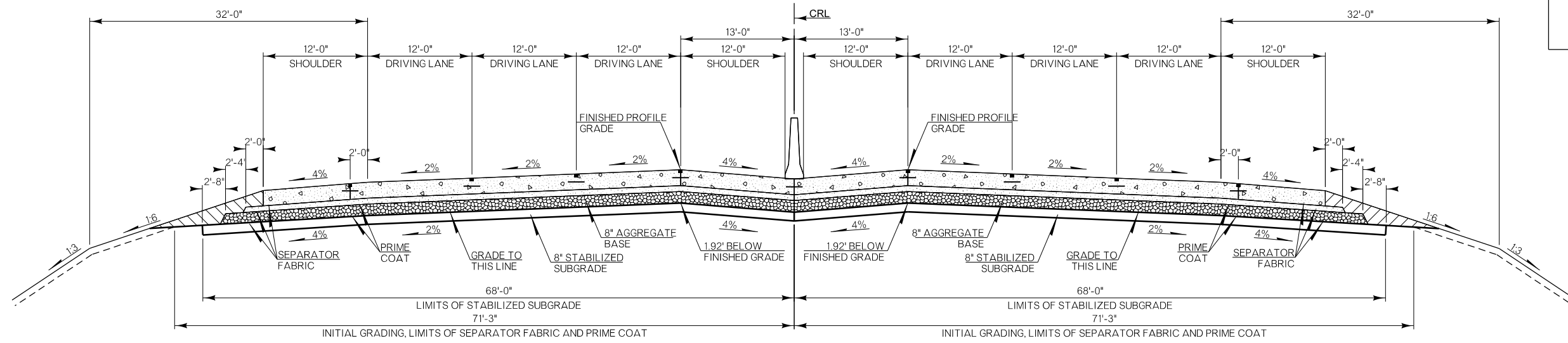


6450 SOUTH LEWIS AVE.
SUITE 300
TULSA, OKLAHOMA 74136
(918) 250-5922 (VOICE)
(918) 858-0107 (FAX)

THIS DOCUMENT IS PRELIMINARY IN NATURE AND IS NOT A FINAL, SIGNED AND SEALED DOCUMENT

CERTIFICATE OF AUTHORIZATION NO. 4193 P.E., L.S. RENEWAL DATE: 6-30-2018

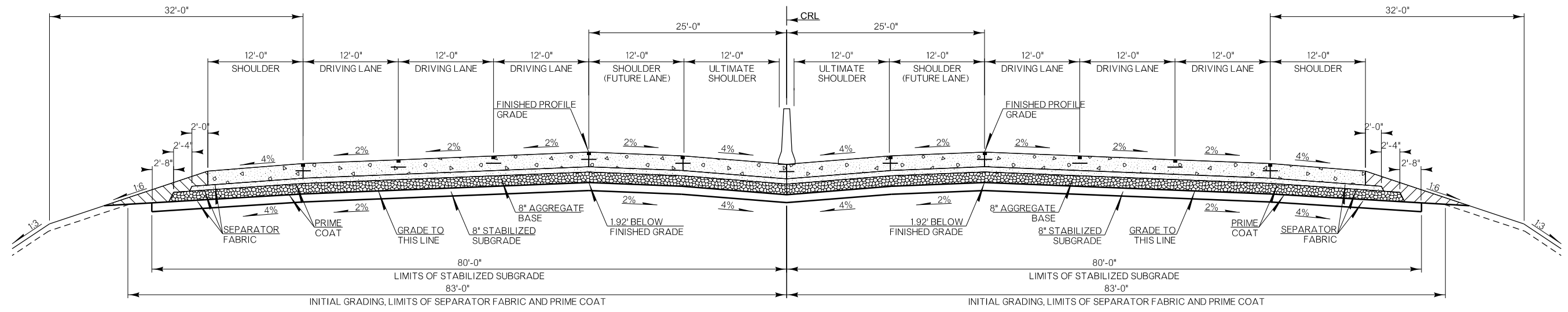
OKLAHOMA DEPARTMENT OF TRANSPORTATION		DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION	
DATE APPROVED		DATE APPROVED	
BY		BY	
	CHIEF ENGINEER		DIVISION ADMINISTRATOR
SWO		PROJECT NO.	
COUNTY	TULSA	HIGHWAY	I-44
			SHEET NO. 1



PAVEMENT REQUIREMENT			
15' PAVT. STRUCTURE	12'-0" DRIVING LANES	12'-0" PAVED INSIDE SHOULDER	12'-0" PAVED OUTSIDE SHOULDER
SURFACE COURSE	11" DOWEL JOINTED P.C. CONCRETE	11" TIED P.C. CONCRETE	11" TIED P.C. CONCRETE
BASE COURSE	4" OPEN-GRADED BITUMINOUS BASE	4" OPEN-GRADED BITUMINOUS BASE	4" OPEN-GRADED BITUMINOUS BASE

TYPICAL SECTION NO. 1: I-44
NOT TO SCALE

PAVEMENT DESIGN HAS NOT BEEN COMPLETED.
SECTION USED FOR COST ESTIMATING PURPOSES.



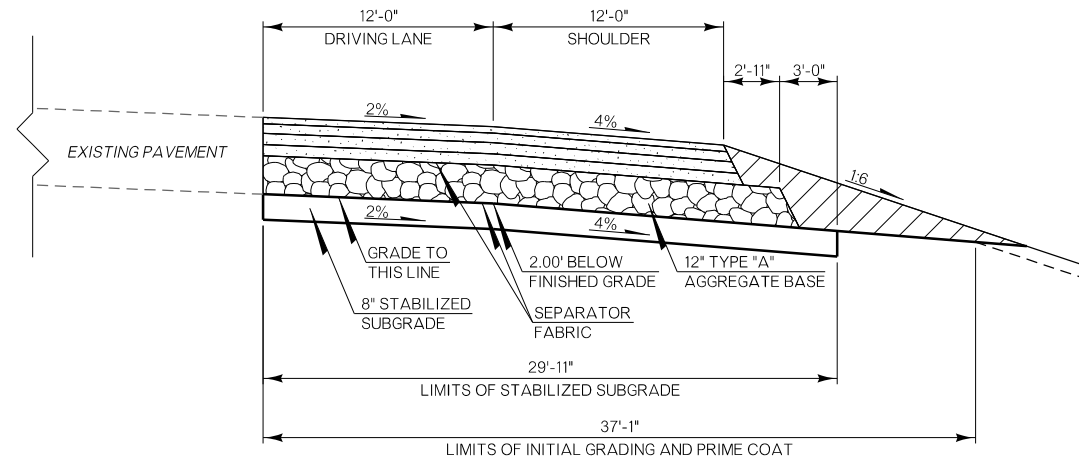
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15' PAVT. STRUCTURE	12'-0" DRIVING LANES	12'-0" PAVED INSIDE SHOULDER	12'-0" PAVED OUTSIDE SHOULDER
SURFACE COURSE	11" DOWEL JOINTED P.C. CONCRETE	11" DOWEL JOINTED P.C. CONCRETE	11" TIED P.C. CONCRETE
BASE COURSE	4" OPEN-GRADED BITUMINOUS BASE	4" OPEN-GRADED BITUMINOUS BASE	4" OPEN-GRADED BITUMINOUS BASE

TYPICAL SECTION NO. 2: US-75
NOT TO SCALE

PAVEMENT DESIGN HAS NOT BEEN COMPLETED.
SECTION USED FOR COST ESTIMATING PURPOSES.

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		I-44 FROM I-244 TO ARKANSAS RIVER
CHECKED		TYPICAL SECTIONS (SHEET 1 OF 5)
APPROVED		
SQUAD	GARVER	
COUNTY	TULSA	HIGHWAY I-44 STATE JOB NO. 32728(04) SHEET NO. 2

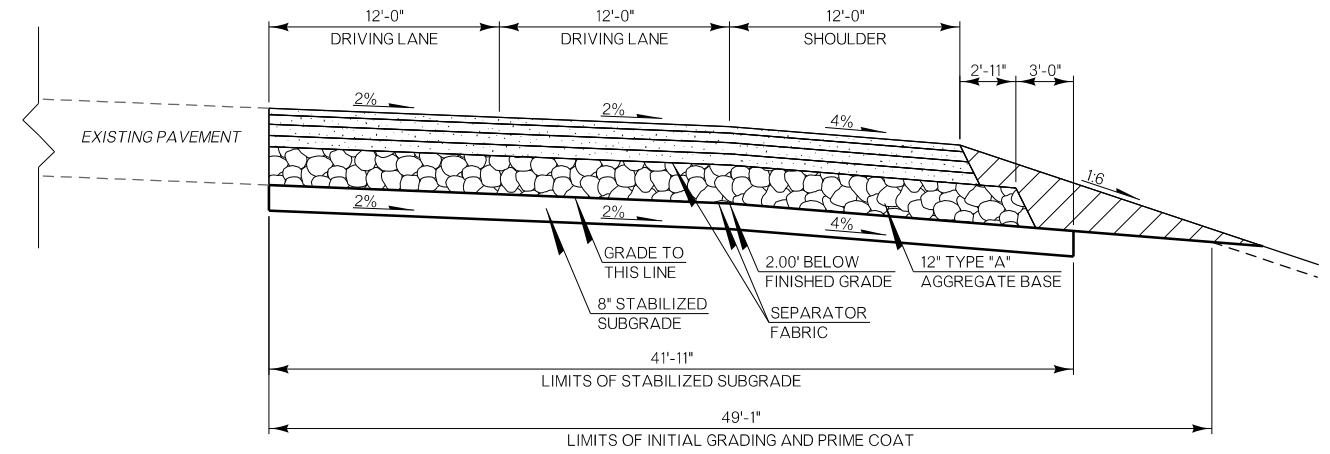
3/22/2017 10:25:21 AM L:\2016\16037070 - 000T EC-1780 144 from 1244 Interchange Drawings\32728_TYP_001.dgn



PAVEMENT REQUIREMENT		
12" PAVT. STRUCTURE	12'-0" DRIVING LANES	12'-0" PAVED SHOULDERS
SURFACE COURSE	2" SUPERPAVE TYPE S4 (PG 76-28 OK)	2" SUPERPAVE TYPE S4 (PG 76-28 OK)
	3" SUPERPAVE TYPE S3 (PG 76-28 OK)	3" SUPERPAVE TYPE S3 (PG 76-28 OK)
BASE COURSE	3.5" SUPERPAVE TYPE S3 (PG 76-28 OK)	3.5" SUPERPAVE TYPE S3 (PG 76-28 OK)
	3.5" SUPERPAVE TYPE S3 (PG 76-28 OK)	3.5" SUPERPAVE TYPE S3 (PG 76-28 OK)

TYPICAL SECTION NO. 3: US-75
INTERIM WIDENING TYPICAL SECTION (ONE LANE)
NOT TO SCALE

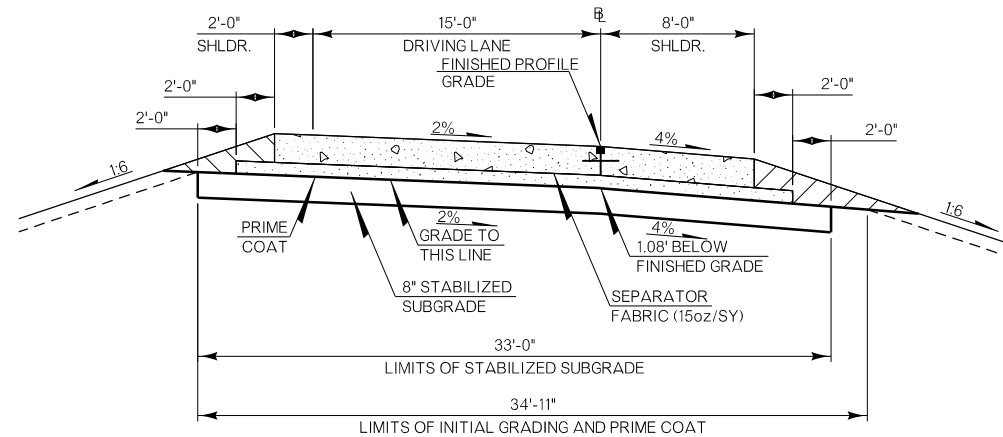
PAVEMENT DESIGN HAS NOT BEEN COMPLETED.
SECTION USED FOR COST ESTIMATING PURPOSES.



PAVEMENT REQUIREMENT		
12" PAVT. STRUCTURE	12'-0" DRIVING LANES	12'-0" PAVED SHOULDERS
SURFACE COURSE	2" SUPERPAVE TYPE S4 (PG 76-28 OK)	2" SUPERPAVE TYPE S4 (PG 76-28 OK)
	3" SUPERPAVE TYPE S3 (PG 76-28 OK)	3" SUPERPAVE TYPE S3 (PG 76-28 OK)
BASE COURSE	3.5" SUPERPAVE TYPE S3 (PG 76-28 OK)	3.5" SUPERPAVE TYPE S3 (PG 76-28 OK)
	3.5" SUPERPAVE TYPE S3 (PG 76-28 OK)	3.5" SUPERPAVE TYPE S3 (PG 76-28 OK)

TYPICAL SECTION NO. 4: US-75
INTERIM WIDENING TYPICAL SECTION (TWO LANE)
NOT TO SCALE

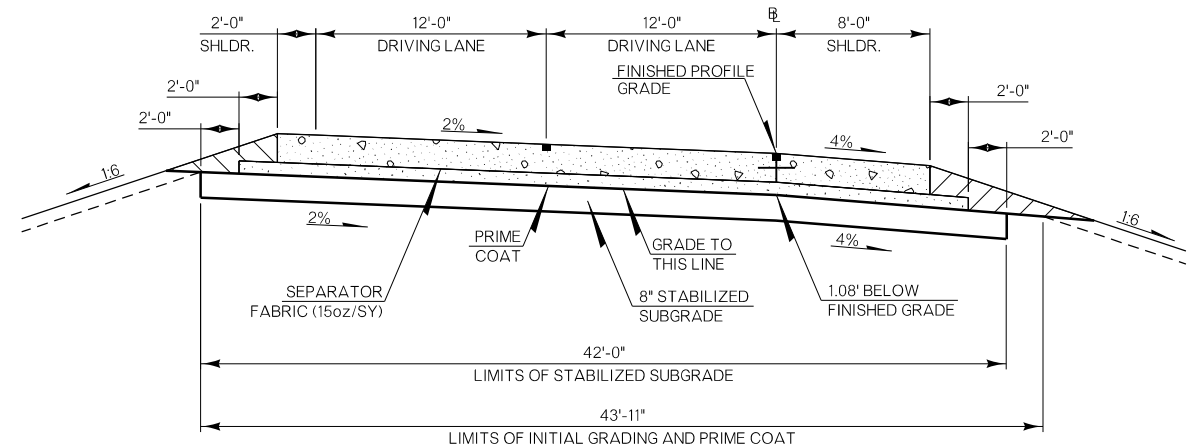
PAVEMENT DESIGN HAS NOT BEEN COMPLETED.
SECTION USED FOR COST ESTIMATING PURPOSES.



PAVEMENT REQUIREMENT			
13" PAVT. STRUCTURE	15'-0" DRIVING LANE	2'-0" PAVED INSIDE SHOULDER	8'-0" PAVED OUTSIDE SHOULDER
SURFACE COURSE	9" DOWEL JOINTED P.C. CONCRETE	9" DOWEL JOINTED P.C. CONCRETE	9" TIED P.C. CONCRETE
BASE COURSE	4" CEMENT TREATED BASE	4" CEMENT TREATED BASE	4" CEMENT TREATED BASE

TYPICAL SECTION NO. 5: RAMP (1-LANE)
NOT TO SCALE

PAVEMENT DESIGN HAS NOT BEEN COMPLETED.
SECTION USED FOR COST ESTIMATING PURPOSES.

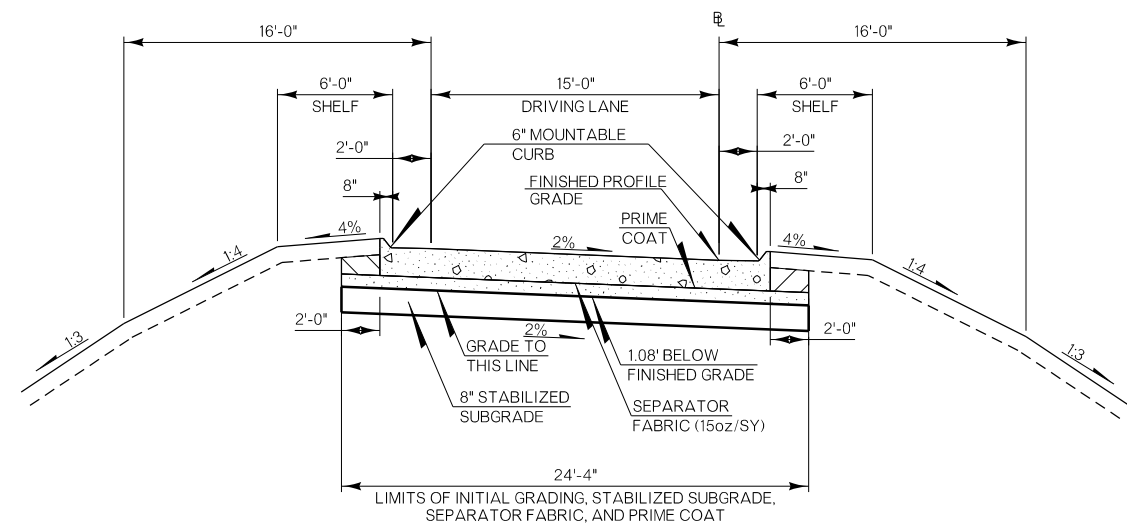


PAVEMENT REQUIREMENT			
13" PAVT. STRUCTURE	15'-0" DRIVING LANE	2'-0" PAVED INSIDE SHOULDER	8'-0" PAVED OUTSIDE SHOULDER
SURFACE COURSE	9" DOWEL JOINTED P.C. CONCRETE	9" DOWEL JOINTED P.C. CONCRETE	9" TIED P.C. CONCRETE
BASE COURSE	4" CEMENT TREATED BASE	4" CEMENT TREATED BASE	4" CEMENT TREATED BASE

TYPICAL SECTION NO. 6: RAMP (2-LANE)
NOT TO SCALE

PAVEMENT DESIGN HAS NOT BEEN COMPLETED.
SECTION USED FOR COST ESTIMATING PURPOSES.

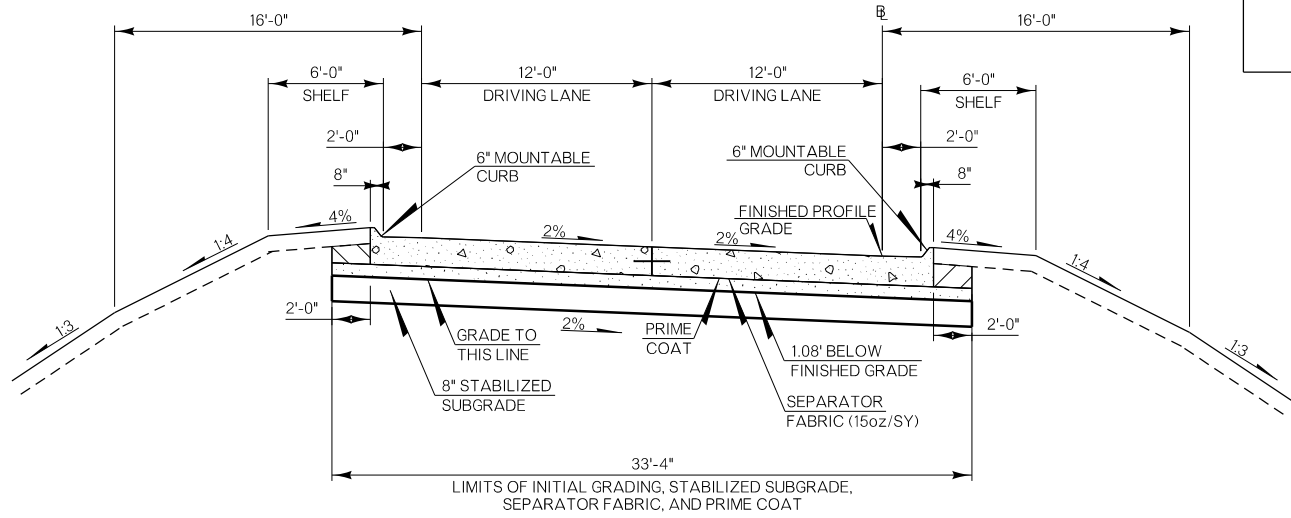
DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		I-44 FROM I-244 TO ARKANSAS RIVER
CHECKED		TYPICAL SECTIONS (SHEET 2 OF 5)
APPROVED		
SQUAD	GARVER	
COUNTY	TULSA	HIGHWAY I-44 STATE JOB NO. 32728(04) SHEET NO. 3



PAVEMENT REQUIREMENT		
13" PAVT. STRUCTURE	15'-0" DRIVING LANE	CURB AND GUTTER
SURFACE COURSE	9" DOWEL JOINTED P.C. CONCRETE	2'-8" - 6" MOUNTABLE CURB
BASE COURSE	4" CEMENT TREATED BASE	4" CEMENT TREATED BASE

TYPICAL SECTION NO. 7: RAMP (CURB AND GUTTER)(1-LANE)
NOT TO SCALE

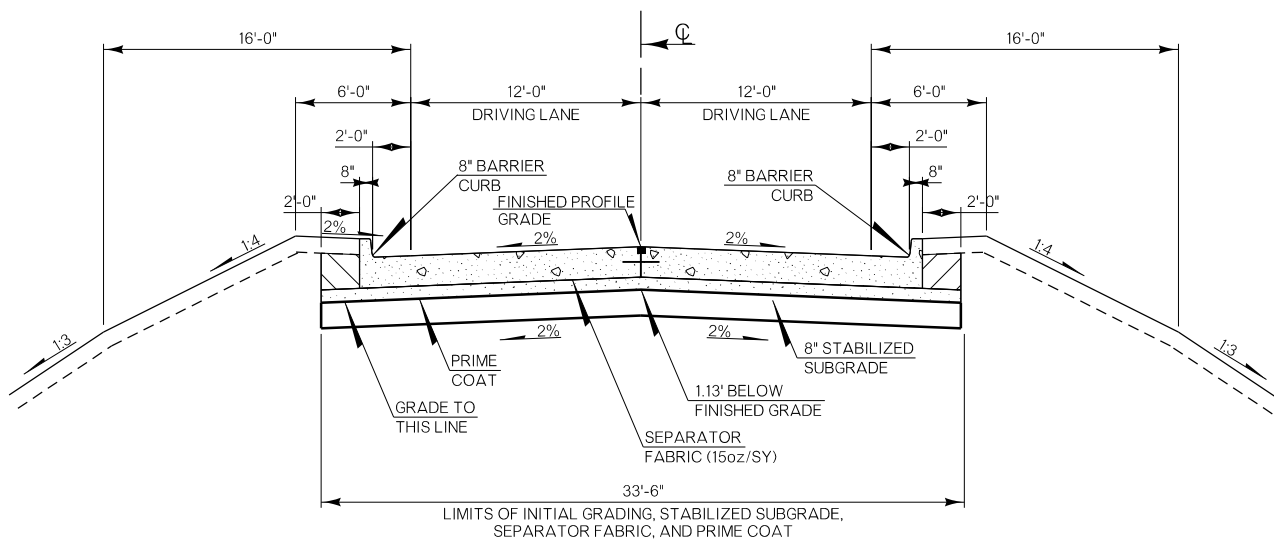
PAVEMENT DESIGN HAS NOT BEEN COMPLETED.
SECTION USED FOR COST ESTIMATING PURPOSES.



PAVEMENT REQUIREMENT		
13" PAVT. STRUCTURE	15'-0" DRIVING LANE	CURB AND GUTTER
SURFACE COURSE	9" DOWEL JOINTED P.C. CONCRETE	2'-8" - 6" MOUNTABLE CURB
BASE COURSE	4" CEMENT TREATED BASE	4" CEMENT TREATED BASE

TYPICAL SECTION NO. 8: RAMP (CURB AND GUTTER)(2-LANE)
NOT TO SCALE

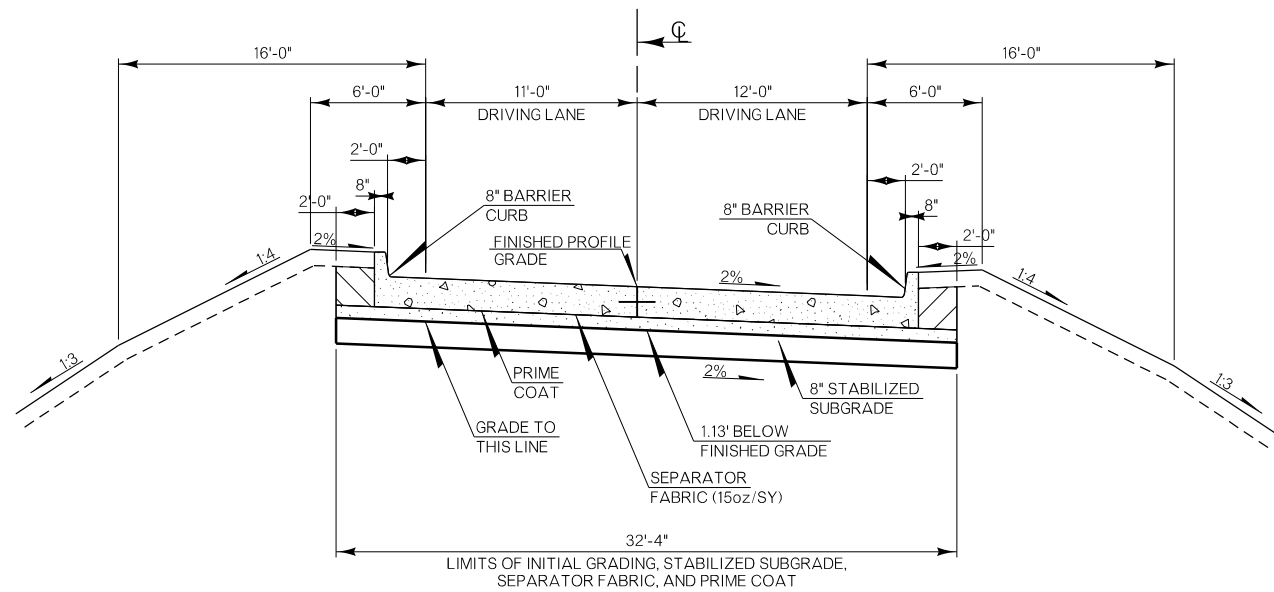
PAVEMENT DESIGN HAS NOT BEEN COMPLETED.
SECTION USED FOR COST ESTIMATING PURPOSES.



PAVEMENT REQUIREMENT		
13.5" PAVT. STRUCTURE	12'-0" DRIVING LANES	CURB AND GUTTER
SURFACE COURSE	9.5" DOWEL JOINTED P.C. CONCRETE	2'-8" - 8" BARRIER CURB
BASE COURSE	4" CEMENT TREATED BASE	4" CEMENT TREATED BASE

TYPICAL SECTION NO. 9: FRONTAGE ROAD
NOT TO SCALE

PAVEMENT DESIGN HAS NOT BEEN COMPLETED.
SECTION USED FOR COST ESTIMATING PURPOSES.



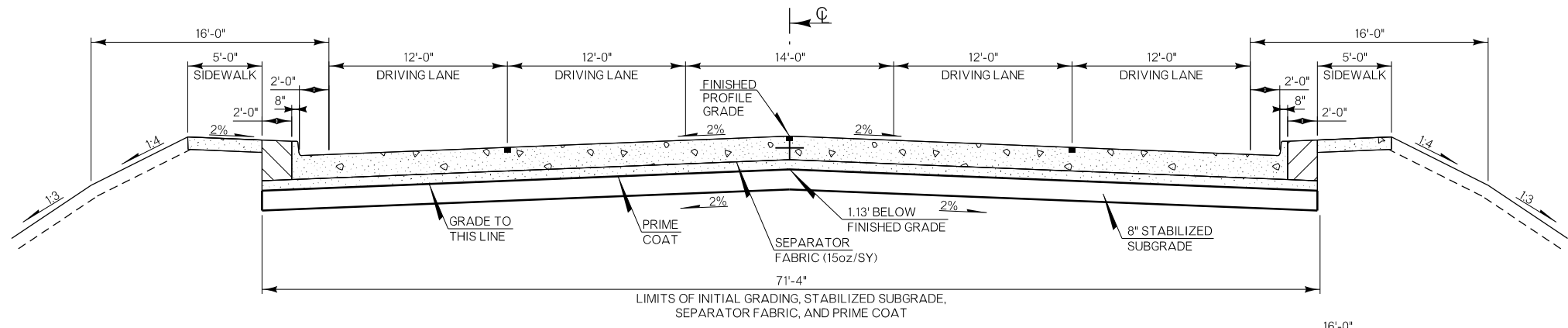
PAVEMENT REQUIREMENT		
13.5" PAVT. STRUCTURE	DRIVING LANES	CURB AND GUTTER
SURFACE COURSE	9.5" DOWEL JOINTED P.C. CONCRETE	2'-8" - 8" BARRIER CURB
BASE COURSE	4" CEMENT TREATED BASE	4" CEMENT TREATED BASE

TYPICAL SECTION NO. 10: FRONTAGE ROAD (ONE-WAY)
NOT TO SCALE

PAVEMENT DESIGN HAS NOT BEEN COMPLETED.
SECTION USED FOR COST ESTIMATING PURPOSES.

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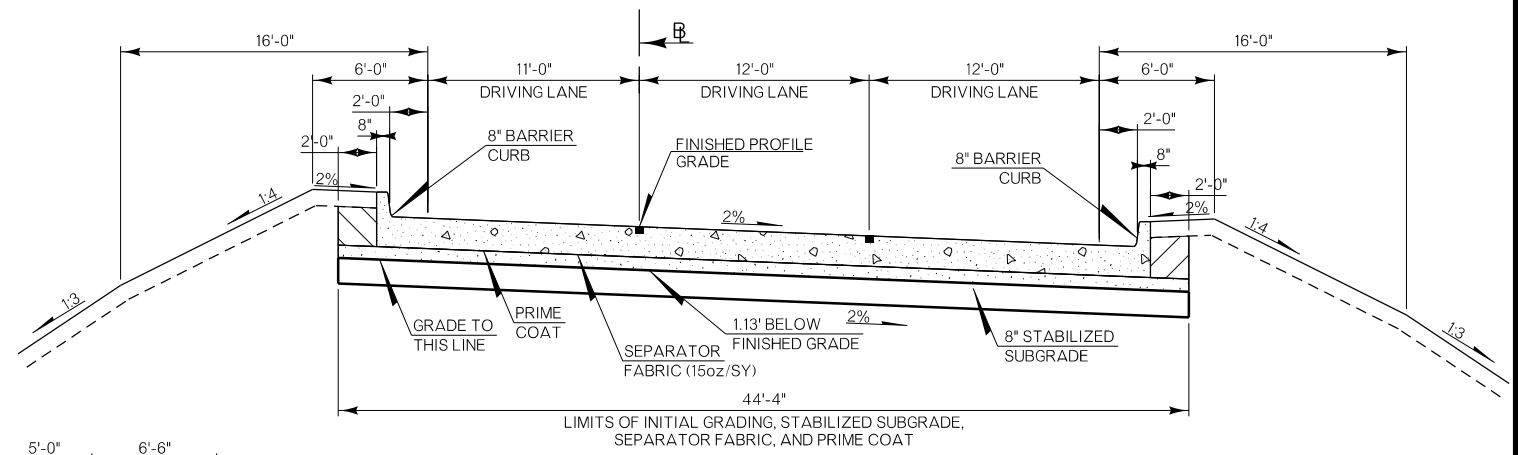
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DRAWN							
CHECKED							
APPROVED							
SQUAD	GARVER						
COUNTY	TULSA	HIGHWAY	I-44	STATE JOB NO.	32728(04)	SHEET NO.	4



PAVEMENT REQUIREMENT		
13.5" PAVT. STRUCTURE	DRIVING LANES	CURB AND GUTTER
SURFACE COURSE	9.5" DOWEL JOINTED P.C. CONCRETE	2'-8" - 8" BARRIER CURB
BASE COURSE	4" CEMENT TREATED BASE	4" CEMENT TREATED BASE

TYPICAL SECTION NO. 11: 33RD AVE
 NOT TO SCALE

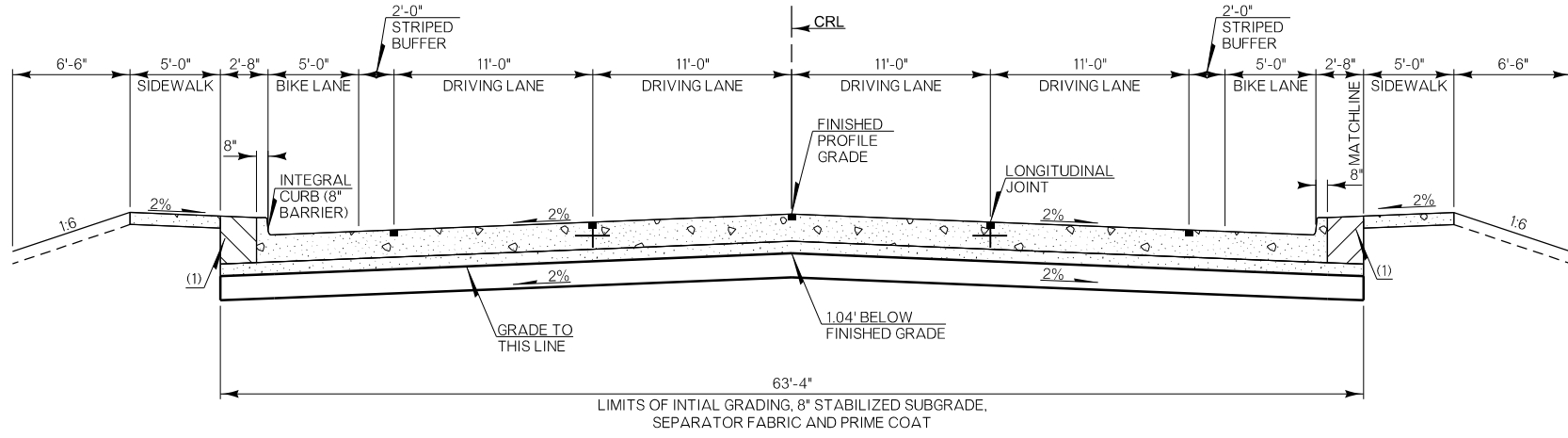
PAVEMENT DESIGN HAS NOT BEEN COMPLETED.
 SECTION USED FOR COST ESTIMATING PURPOSES.



PAVEMENT REQUIREMENT		
13.5" PAVT. STRUCTURE	DRIVING LANES	CURB AND GUTTER
SURFACE COURSE	9.5" DOWEL JOINTED P.C. CONCRETE	2'-8" - 8" BARRIER CURB
BASE COURSE	4" CEMENT TREATED BASE	4" CEMENT TREATED BASE

TYPICAL SECTION NO. 12: FRONTAGE ROAD & OTHER LOCAL ROADS
 NOT TO SCALE

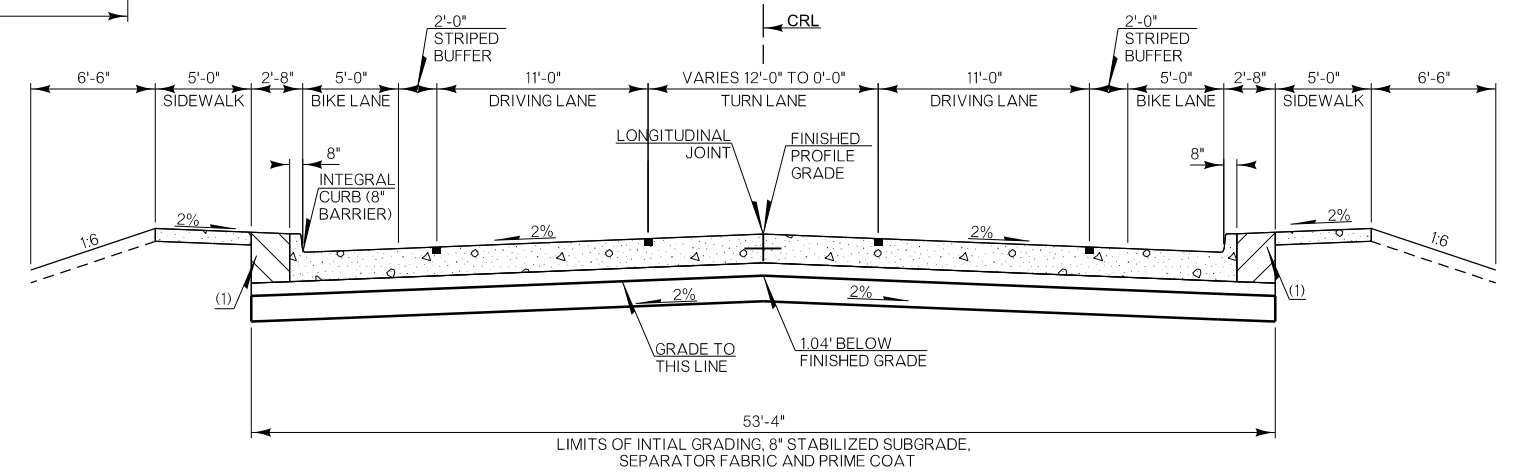
PAVEMENT DESIGN HAS NOT BEEN COMPLETED.
 SECTION USED FOR COST ESTIMATING PURPOSES.



PAVEMENT REQUIREMENT		
13.5" PAVT. STRUCTURE	DRIVING LANES	CURB AND GUTTER
SURFACE COURSE	9.5" DOWEL JOINTED P.C. CONCRETE	2'-8" - 8" BARRIER CURB
BASE COURSE	4" CEMENT TREATED BASE	4" CEMENT TREATED BASE

TYPICAL SECTION NO. 13: UNION AVE 1
 NOT TO SCALE

PAVEMENT DESIGN HAS NOT BEEN COMPLETED.
 SECTION USED FOR COST ESTIMATING PURPOSES.



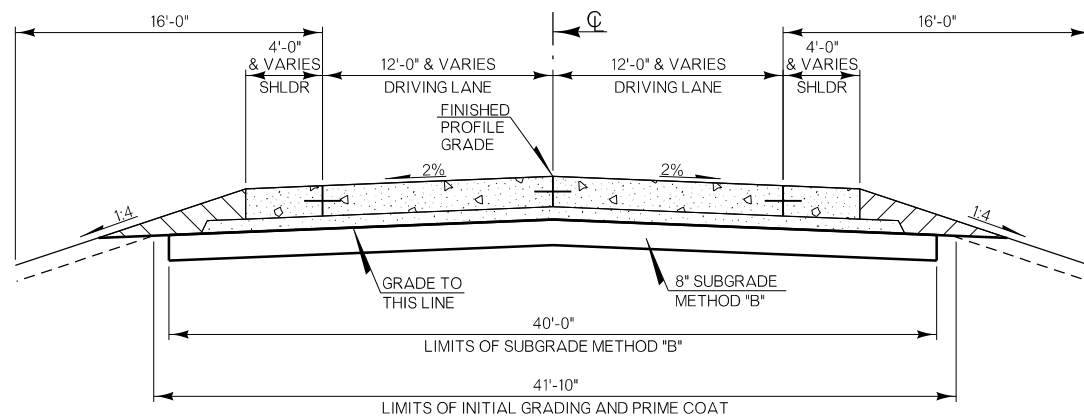
PAVEMENT REQUIREMENT		
PAVT. STRUCTURE	DRIVING LANES	
SURFACE COURSE	9.5" DOWEL JOINTED P.C. CONCRETE	
BASE COURSE	4" CEMENT TREATED BASE	

TYPICAL SECTION NO. 14: UNION AVE 2
 NOT TO SCALE

PAVEMENT DESIGN HAS NOT BEEN COMPLETED.
 SECTION USED FOR COST ESTIMATING PURPOSES.

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		1-44 FROM I-244 TO ARKANSAS RIVER
CHECKED		TYPICAL SECTIONS (SHEET 4 OF 5)
APPROVED		
SQUAD	GARVER	
COUNTY	TULSA	HIGHWAY 1-44 STATE JOB NO. 32728(04) SHEET NO. 5

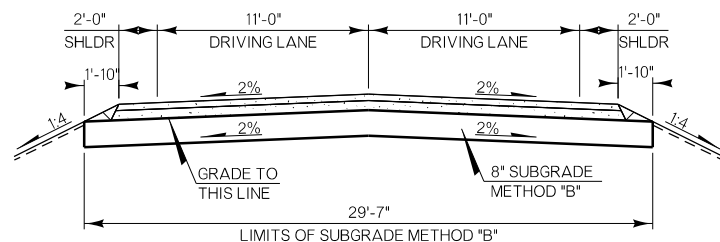
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PAVEMENT REQUIREMENT	
8" PAVT. STRUCTURE	12'-0" DRIVING LANES
SURFACE COURSE	9.5" DOWEL JOINTED CONCRETE

TYPICAL SECTION NO. 15: FRONTAGE & OTHER LOCAL ROADS
NOT TO SCALE

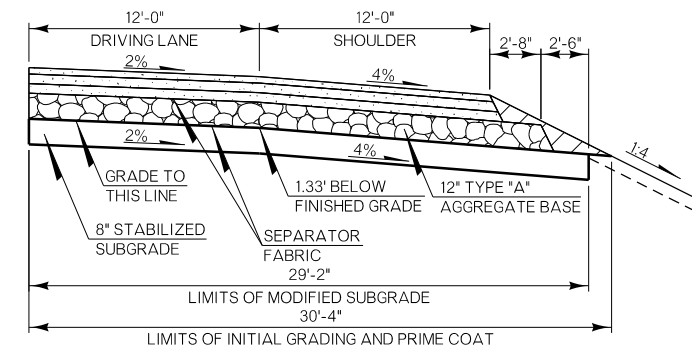
PAVEMENT DESIGN HAS NOT BEEN COMPLETED.
SECTION USED FOR COST ESTIMATING PURPOSES.



PAVEMENT REQUIREMENT	
5" PAVT. STRUCTURE	12'-0" WIDENING
SURFACE COURSE	2" SUPERPAVE TYPE S4 (PG 64-22 OK)
BASE COURSE	3" SUPERPAVE TYPE S3 (PG 64-22 OK)

TYPICAL SECTION NO. 17: SHOO-FLY (SIDE ROAD)
NOT TO SCALE

PAVEMENT DESIGN HAS NOT BEEN COMPLETED.
SECTION USED FOR COST ESTIMATING PURPOSES.

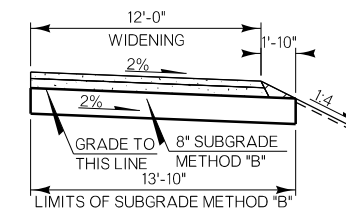


PAVEMENT REQUIREMENT		
8" PAVT. STRUCTURE	12'-0" DRIVING LANES	12'-0" PAVED SHOULDERS
SURFACE COURSE	2" SUPERPAVE TYPE S4 (PG 64-22 OK)	2" SUPERPAVE TYPE S4 (PG 64-22 OK)
BASE COURSE	3" SUPERPAVE TYPE S3 (PG 64-22 OK)	3" SUPERPAVE TYPE S3 (PG 64-22 OK)

TYPICAL SECTION NO. 16: TEMP. WIDENING (MAINLINE/RAMP)

NOT TO SCALE

PAVEMENT DESIGN HAS NOT BEEN COMPLETED.
SECTION USED FOR COST ESTIMATING PURPOSES.



PAVEMENT REQUIREMENT	
5" PAVT. STRUCTURE	12'-0" WIDENING
SURFACE COURSE	2" SUPERPAVE TYPE S4 (PG 64-22 OK)
BASE COURSE	3" SUPERPAVE TYPE S3 (PG 64-22 OK)

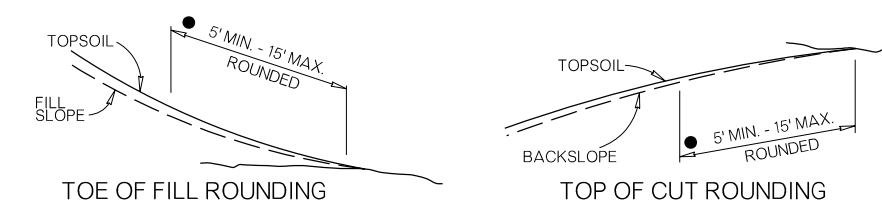
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NOT TO SCALE

PAVEMENT DESIGN HAS NOT BEEN COMPLETED.
SECTION USED FOR COST ESTIMATING PURPOSES.

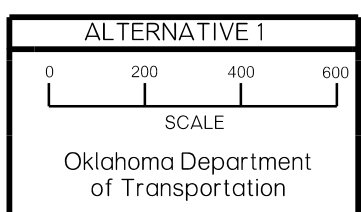
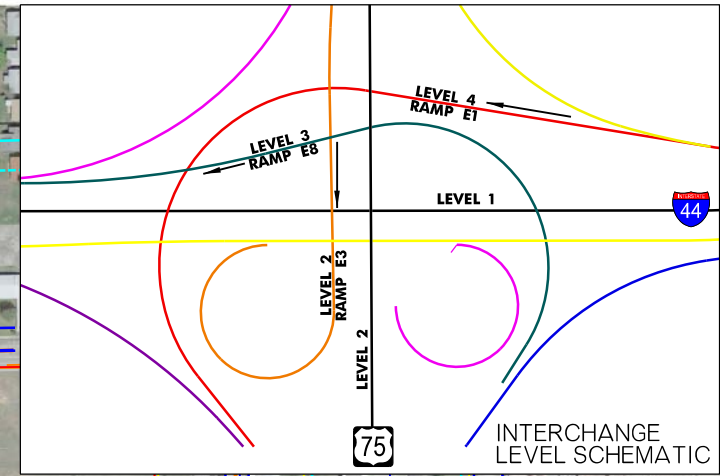
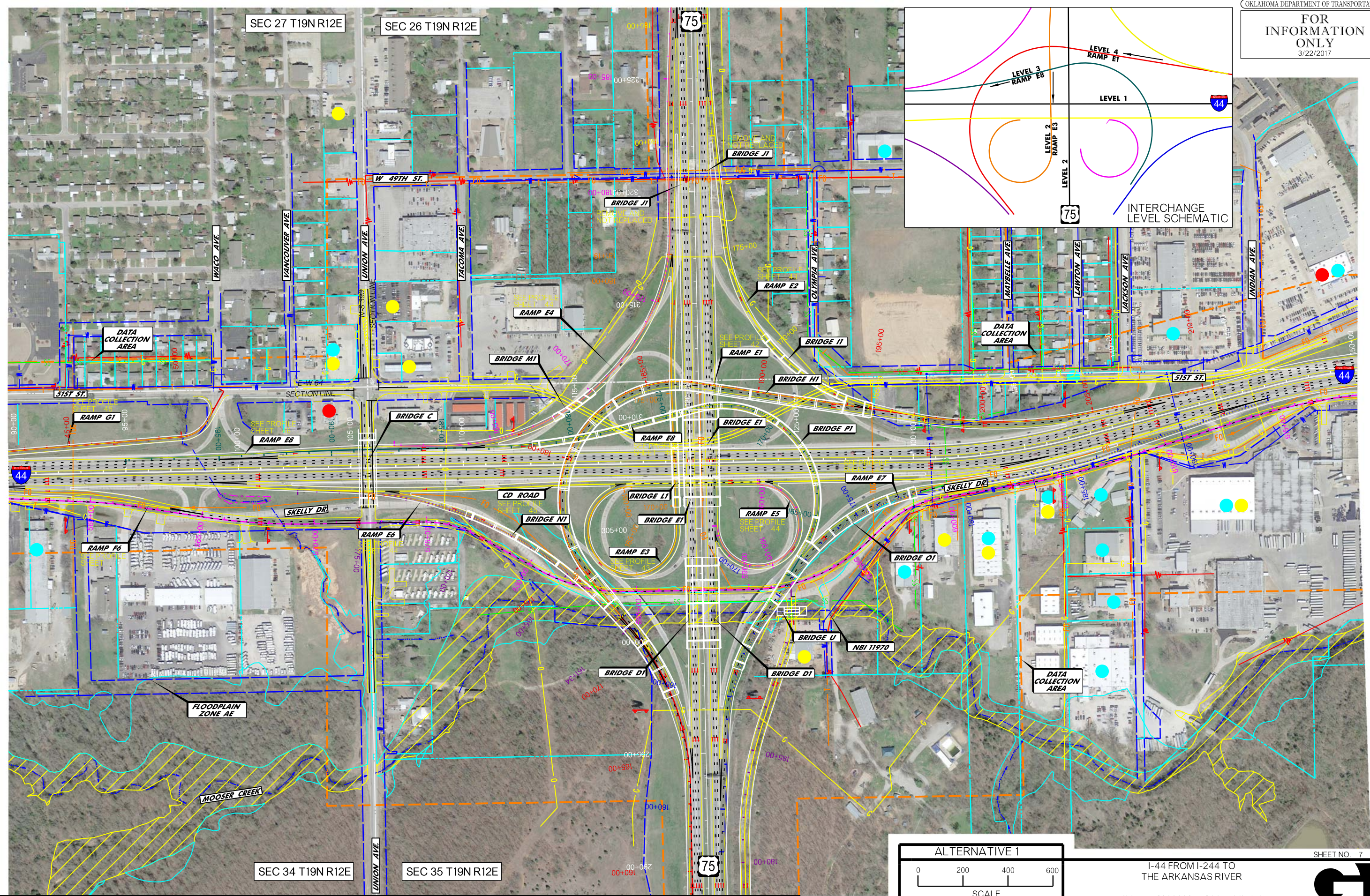
ROUNDING DETAIL

- INTERSECTION OF CUT AND/OR FILL SLOPES WITH GROUND LINE TO BE ROUNDED AS PART OF FINISHING OPERATIONS. ROUNDED SHALL BE 5' MINIMUM FOR SMALLER CUTS AND FILLS TO 15' MAXIMUM FOR LARGER CUTS AND FILLS OR AS DESIGNATED BY THE ENGINEER. COST OF ROUNDED TO BE INCLUDED IN PRICE BID FOR OTHER ITEMS OF WORK.



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DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		1-44 FROM I-244 TO ARKANSAS RIVER
CHECKED		TYPICAL SECTIONS (SHEET 5 OF 5)
APPROVED		
SQUAD	GARVER	
COUNTY	TULSA	HIGHWAY 1-44 STATE JOB NO. 32728(04) SHEET NO. 6



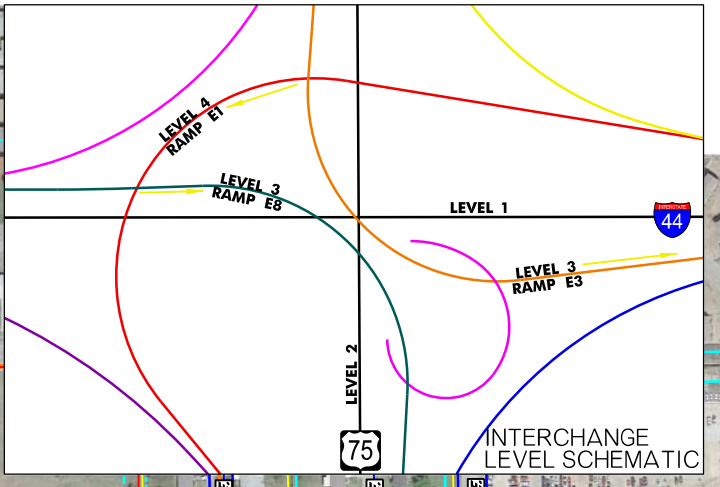
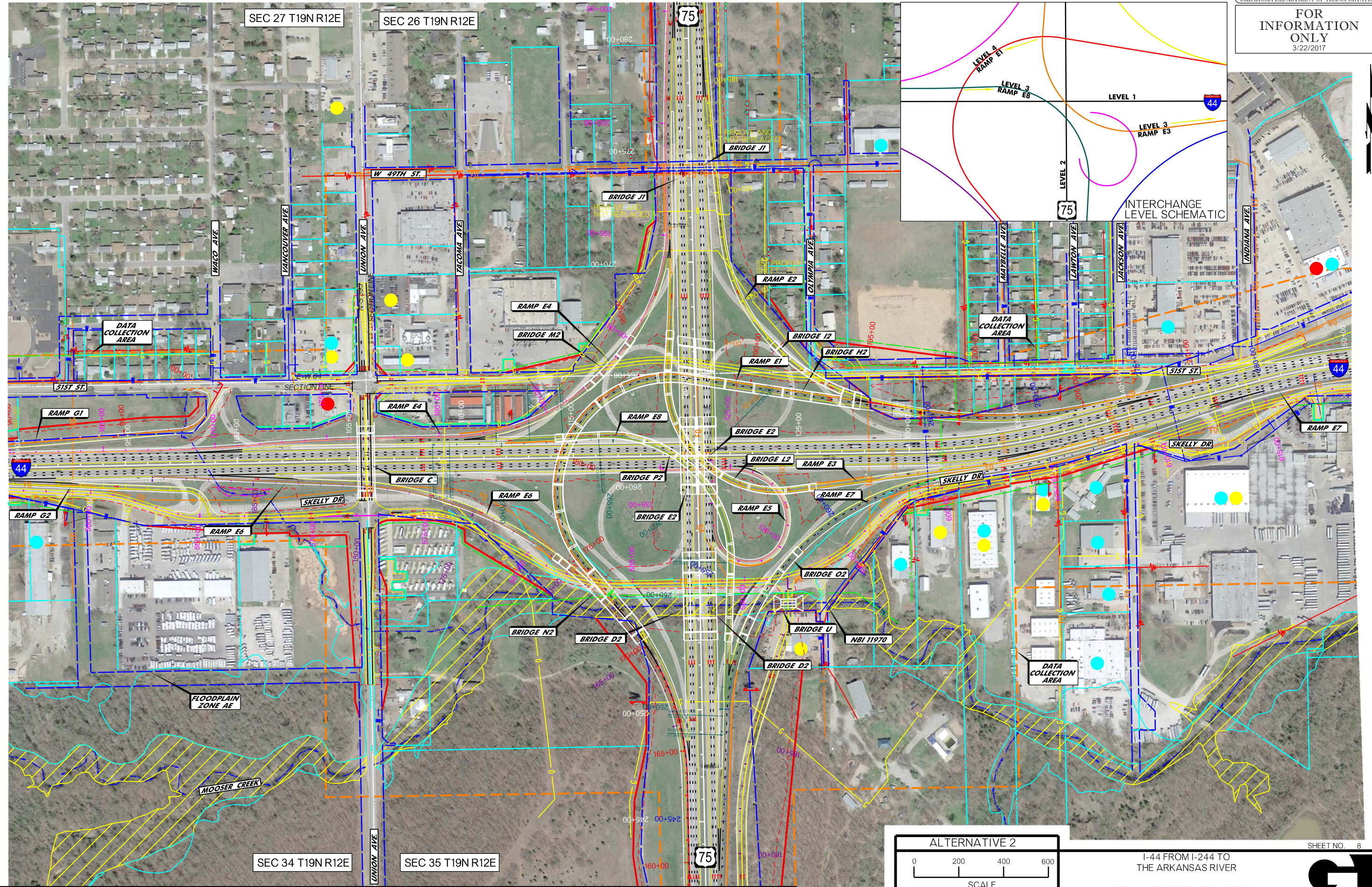
I-44 FROM I-244 TO
 THE ARKANSAS RIVER
**INTERCHANGE OVERVIEW
 ALTERNATIVE 1**

SHEET NO. 7



3/22/2017 10:28:02 AM L:\2016\6037070 - 000T EC-1780 144 from 1244 Interchange Drawings\32728-PLAN_ill.dgn

- LEGEND**
- | | | | | | |
|-----------------------------|-------------------------|---------------------------|------------------------|-----------------------|----------------------|
| — POWERLINE | — WATER | — OVERHEAD TELEPHONE LINE | — DATA COLLECTION AREA | ● UST/AST SITE | — FLOODPLAIN ZONE AE |
| — F0 FIBER OPTIC | — OIL LINE | — EXISTING RIGHT-OF-WAY | — STREAM FLOWLINE | ● POTENTIAL HAZARDOUS | — FLOODWAY ZONE AE |
| — GAS LINE | — PUG POWER UNDERGROUND | — PROPERTY LINE | — TEMP RIGHT-OF-WAY | ● MATERIALS SITE | — TRADE FUTURE |
| — TUG TELEPHONE UNDERGROUND | — SANITARY SEWER | — PROPOSED RIGHT-OF-WAY | — UTILITY EASEMENT | ● LUST/LAST SITE | |



3/22/2017 10:28:14 AM L:\2016\16037070 - 000T EC-1780 144 from 1244 Interchange Drawings\32728-PLAN_21.dgn

SEC 27 T19N R12E

SEC 26 T19N R12E

SEC 34 T19N R12E

SEC 35 T19N R12E

ALTERNATIVE 2

SCALE

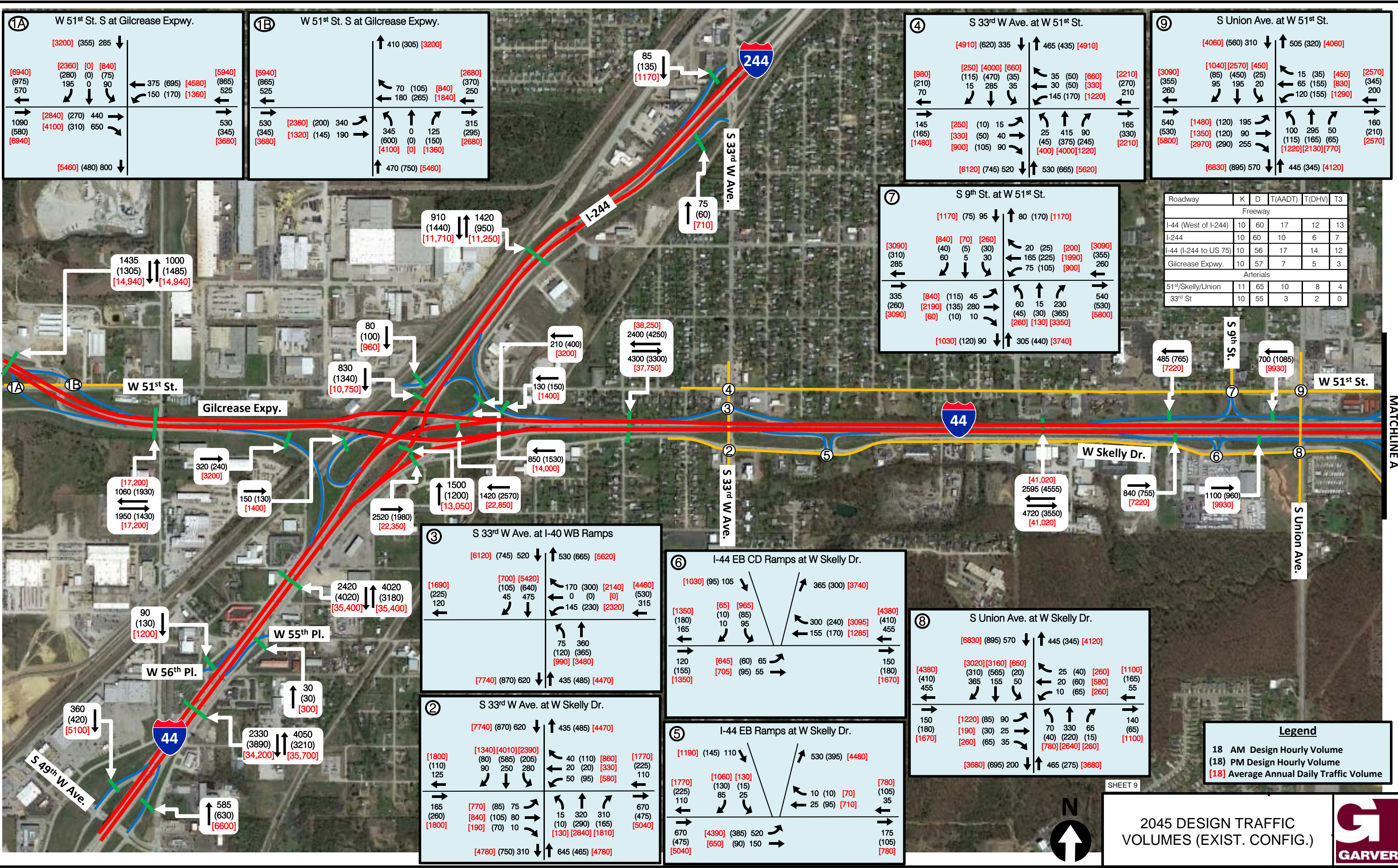
Oklahoma Department of Transportation

I-44 FROM I-244 TO THE ARKANSAS RIVER

INTERCHANGE OVERVIEW ALTERNATIVE 2

SHEET NO. 8

- LEGEND**
- POWERLINE
 - FIBER OPTIC
 - GAS LINE
 - TELEPHONE UNDERGROUND
 - WATER
 - OIL LINE
 - PUC
 - SANITARY SEWER
 - OVERHEAD TELEPHONE LINE
 - EXISTING RIGHT-OF-WAY
 - PROPERTY LINE
 - PROPOSED RIGHT-OF-WAY
 - DATA COLLECTION AREA
 - STREAM FLOWLINE
 - TEMP RIGHT-OF-WAY
 - UTILITY EASEMENT
 - UST/AST SITE
 - POTENTIAL HAZARDOUS MATERIALS SITE
 - LUST/LAST SITE
 - FLOODPLAIN ZONE AE
 - FLOODWAY ZONE AE
 - TRAFFIC MIXTURE



Roadway	K	D	T(AADT)	T(DHV)	T3
Freeway					
I-44 (West of I-244)	10	60	17	12	13
I-244	10	60	10	6	7
I-44 (I-244 to US 75)	10	56	17	14	12
Gilcrease Expwy.	10	57	7	5	3
Arterials					
51st/Skelly/Union	11	65	10	8	4
33rd St	10	55	3	2	0

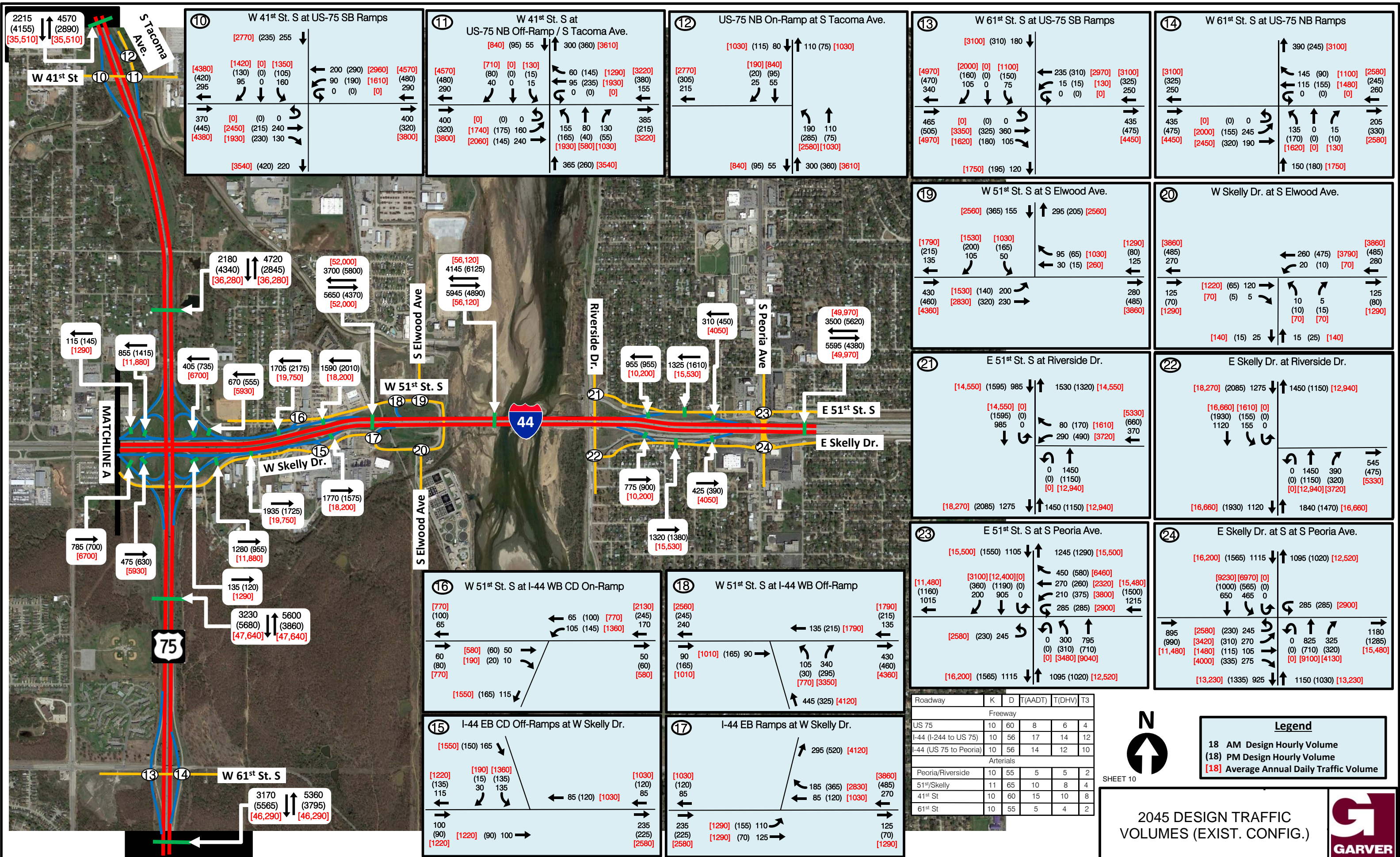
Legend
 18 AM Design Hourly Volume
 (18) PM Design Hourly Volume
 [18] Average Annual Daily Traffic Volume

SHEET 9

2045 DESIGN TRAFFIC VOLUMES (EXIST. CONFIG.)



MATCHLINE A



10 W 41st St. S at US-75 SB Ramps

[2770] (235) 255 ↓

[4380] [1420] [0] [1350] ↑

(420) (130) (0) (105) ↓

295 95 0 160 ↓

370 [0] (0) 0 ↓

(445) [2450] (215) 240 ↓

[4380] [1930] (230) 130 ↓

[3540] (420) 220 ↓

200 (290) [2960] [4570] ↓

90 (190) [1610] (480) ↓

0 (0) [0] 290 ↓

400 (480) ↓

(320) (3800) ↓

11 W 41st St. S at US-75 NB Off-Ramp / S Tacoma Ave.

[840] (95) 55 ↑

[4570] [710] [0] [130] ↓

(480) (80) (0) (15) ↓

290 40 0 15 ↓

400 [0] (0) 0 ↓

(320) [1740] (175) 160 ↓

[3800] [2060] (145) 240 ↓

365 (260) [3540] ↓

60 (145) [1290] [3220] ↓

95 (235) [1930] (380) ↓

0 (0) [0] 155 ↓

155 80 130 ↓

(165) (40) (55) (215) ↓

[1930] [580] [1030] [3220] ↓

300 (360) [3610] ↓

12 US-75 NB On-Ramp at S Tacoma Ave.

[1030] (115) 80 ↓

[2770] [190] [840] ↓

(305) (20) (95) ↓

215 25 55 ↓

190 110 ↓

(285) (75) [2580] [1030] ↓

[840] (95) 55 ↓

300 (360) [3610] ↓

13 W 61st St. S at US-75 SB Ramps

[3100] (310) 180 ↓

[4970] [2000] [0] [1100] ↓

(470) (160) (0) (150) ↓

340 105 0 75 ↓

465 [0] (0) 0 ↓

(505) [3350] (325) 360 ↓

[4970] [1620] (180) 105 ↓

[1750] (195) 120 ↓

235 (310) [2970] [3100] ↓

15 (15) [130] (325) ↓

0 (0) [0] 250 ↓

435 (475) ↓

[4450] [2450] (320) 190 ↓

135 0 15 ↓

(170) (0) (10) (330) ↓

[1620] [0] [130] [2580] ↓

150 (180) [1750] ↓

14 W 61st St. S at US-75 NB Ramps

[3100] (325) 250 ↓

[3100] [145] (90) [1100] [2580] ↓

(325) (115) (155) [1480] (245) ↓

250 0 (0) [0] 260 ↓

435 [0] (0) 0 ↓

(475) [2000] (155) 245 ↓

[4450] [2450] (320) 190 ↓

135 0 15 ↓

(170) (0) (10) (330) ↓

[1620] [0] [130] [2580] ↓

150 (180) [1750] ↓

19 W 51st St. S at S Elwood Ave.

[2560] (365) 155 ↓

[1790] [1530] [1030] [1290] ↓

(215) (200) (165) (80) ↓

135 105 50 50 ↓

430 [1530] (140) 200 ↓

(460) [2830] (320) 230 ↓

[4360] [49,970] (5595) 4380 ↓

[49,970] [4050] ↓

295 (205) [2560] ↓

95 (65) [1030] (80) ↓

30 (15) [260] 125 ↓

280 (485) ↓

[3860] [140] (15) 25 ↓

15 (25) [140] [3860] ↓

20 W Skelly Dr. at S Elwood Ave.

[3860] (485) 270 ↓

[3860] [260] (475) [3790] (485) ↓

(485) 20 (10) [70] 280 ↓

125 (70) ↓

[1220] (65) 120 ↓

[70] (5) 5 ↓

10 5 ↓

(10) (15) (70) [70] ↓

125 (80) ↓

[1290] [1290] ↓

15 (25) [140] [3860] ↓

21 E 51st St. S at Riverside Dr.

[14,550] (1595) 985 ↓

[14,550] [0] [14,550] [5330] ↓

(1595) (0) 985 0 ↓

80 (170) [1610] (660) ↓

290 (490) [3720] 370 ↓

0 1450 ↓

(0) (1150) [0] [12,940] ↓

[18,270] (2085) 1275 ↓

1450 (1150) [12,940] ↓

22 E Skelly Dr. at Riverside Dr.

[18,270] (2085) 1275 ↓

[18,270] [1610] [0] [12,940] ↓

(1930) (155) (0) (660) ↓

1120 155 0 ↓

0 1450 390 ↓

(0) (1150) (320) [5330] ↓

[0] [12,940] [3720] [5330] ↓

[16,660] (1930) 1120 ↓

1840 (1470) [16,660] ↓

23 E 51st St. S at S Peoria Ave.

[15,500] (1550) 1105 ↓

[11,480] [3100] [12,400] [0] [15,480] ↓

(1160) (360) (1190) (0) (1500) ↓

1015 200 905 0 ↓

285 (285) [2900] 1215 ↓

[2580] (230) 245 ↓

0 300 795 ↓

(0) (310) (710) [0] [3480] [9040] ↓

[16,200] (1565) 1115 ↓

1095 (1020) [12,520] ↓

24 E Skelly Dr. at S at S Peoria Ave.

[16,200] (1565) 1115 ↓

[16,200] [6970] [0] [12,520] ↓

(1000) (565) (0) (660) ↓

650 465 0 ↓

285 (285) [2900] 1215 ↓

895 [2580] (230) 245 ↓

(990) [3420] (310) 270 ↓

[11,480] [1480] (115) 105 ↓

[4000] (335) 275 [0] [9100] [4130] ↓

[13,230] (1335) 925 ↓

1150 (1030) [13,230] ↓

16 W 51st St. S at I-44 WB CD On-Ramp

[770] (100) 65 ↓

[2130] (245) (215) ↓

65 170 ↓

60 [580] (60) 50 ↓

(80) [190] (20) 10 ↓

[770] [580] ↓

[1550] (165) 115 ↓

135 (215) [1790] 135 ↓

90 [1010] (165) 90 ↓

(165) [1010] ↓

105 340 ↓

(30) (295) [770] [3350] ↓

445 (325) [4120] [4360] ↓

18 W 51st St. S at I-44 WB Off-Ramp

[2560] (245) (215) ↓

[1790] (215) 135 ↓

240 135 ↓

90 [1010] (165) 90 ↓

(165) [1010] ↓

105 340 ↓

(30) (295) [770] [3350] ↓

445 (325) [4120] [4360] ↓

15 I-44 EB CD Off-Ramps at W Skelly Dr.

[1550] (150) 165 ↓

[1220] [190] [1360] [1030] ↓

(135) (15) (135) (120) ↓

115 30 135 85 ↓

100 [1220] (90) 100 ↓

(90) [1220] ↓

235 (225) ↓

[1220] [2580] ↓

85 (120) [1030] ↓

185 (365) [2830] (485) ↓

85 (120) [1030] 270 ↓

235 [1290] (155) 110 ↓

(225) [1290] (70) 125 ↓

[2580] [1290] ↓

17 I-44 EB Ramps at W Skelly Dr.

[1030] (120) 85 ↓

[3860] (485) 270 ↓

235 [1290] (155) 110 ↓

(225) [1290] (70) 125 ↓

[2580] [1290] ↓

Roadway	K	D	T(AADT)	T(DHV)	T3
Freeway					
US 75	10	60	8	6	4
I-44 (I-244 to US 75)	10	56	17	14	12
I-44 (US 75 to Peoria)	10	56	14	12	10
Arterials					
Peoria/Riverside	10	55	5	5	2
51st/Skelly	11	65	10	8	4
41st St	10	60	15	10	8
61st St	10	55	5	4	2



Legend

18 AM Design Hourly Volume

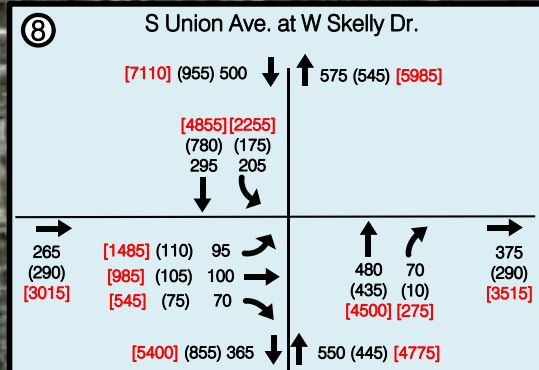
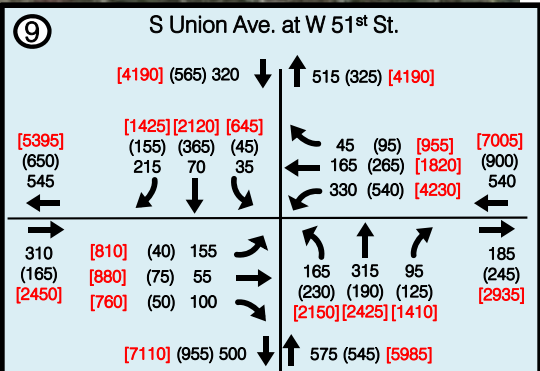
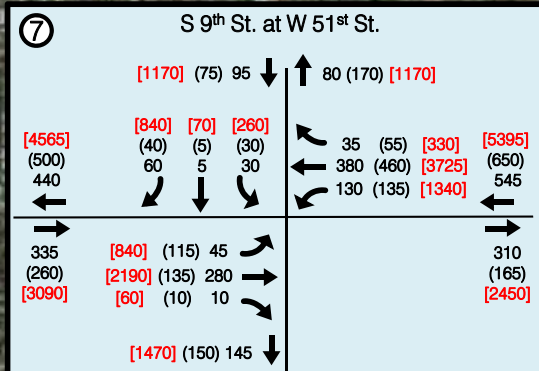
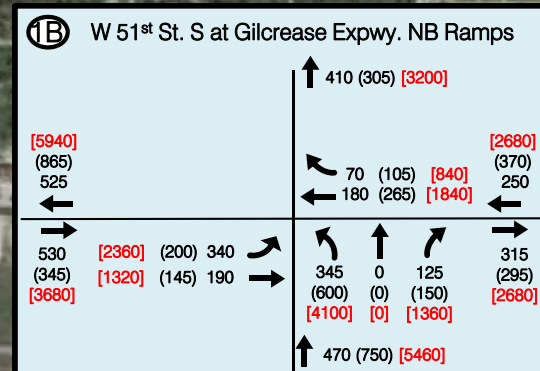
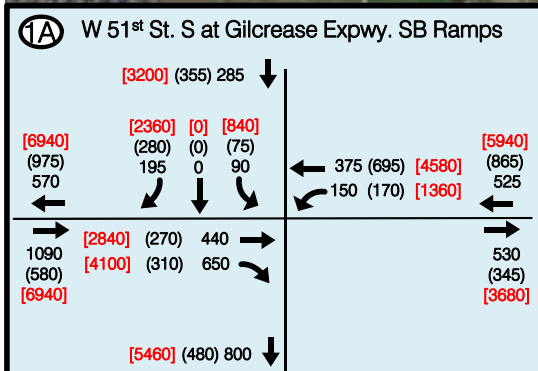
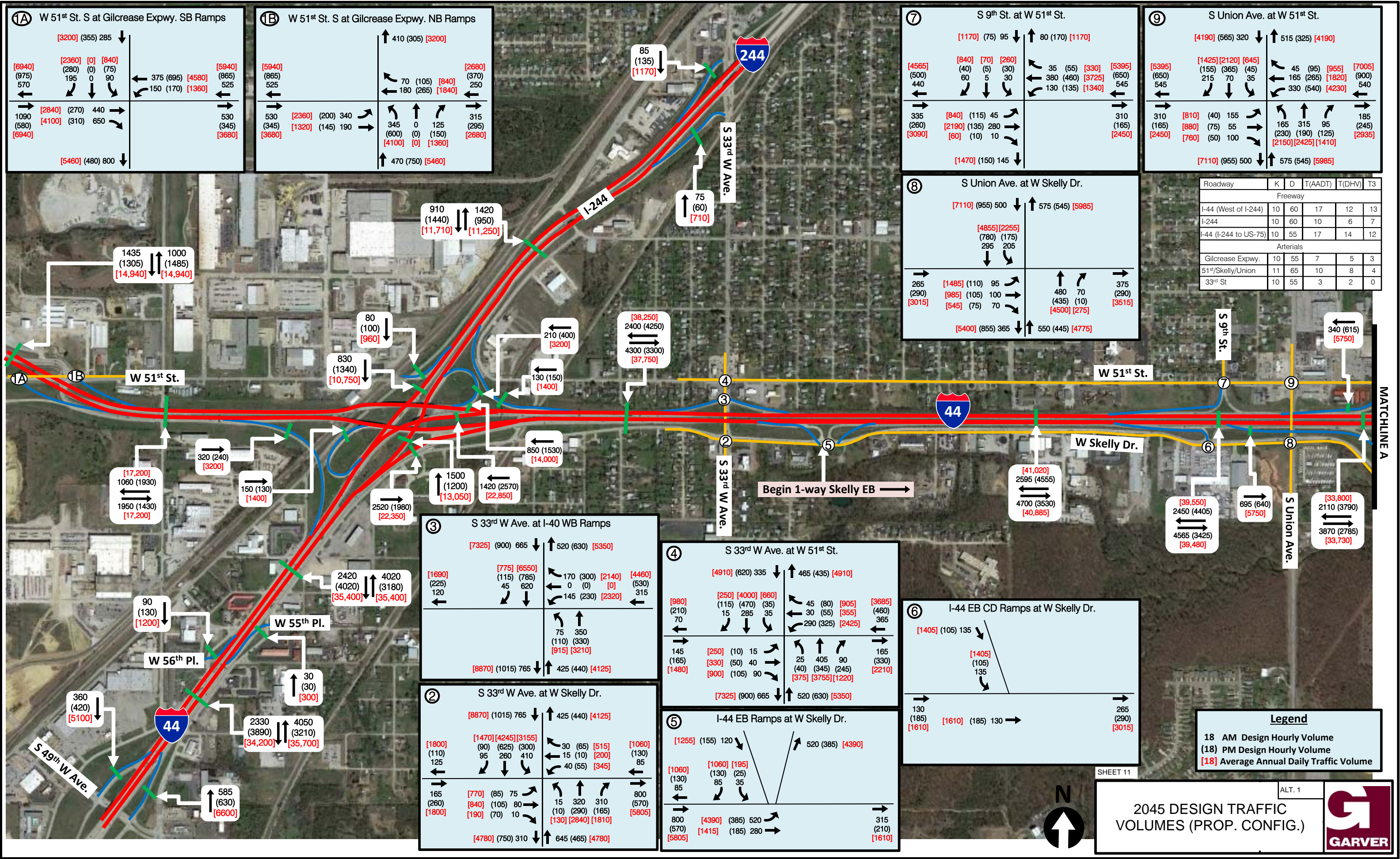
(18) PM Design Hourly Volume

[18] Average Annual Daily Traffic Volume

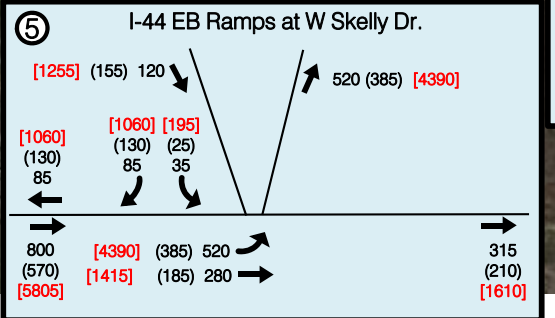
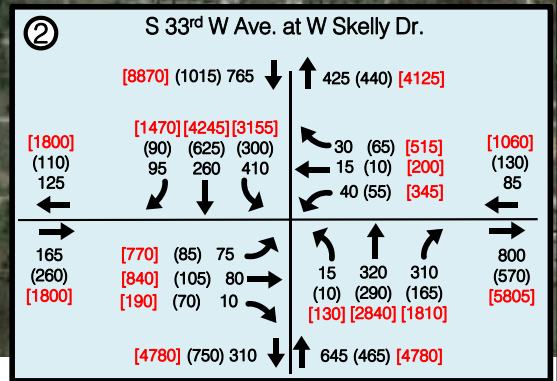
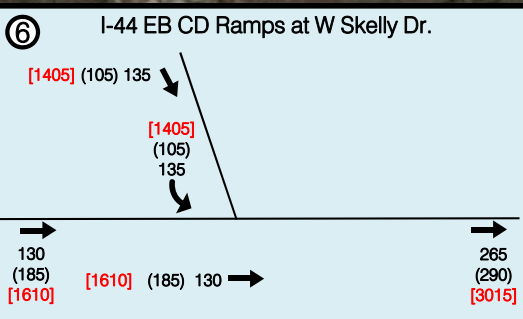
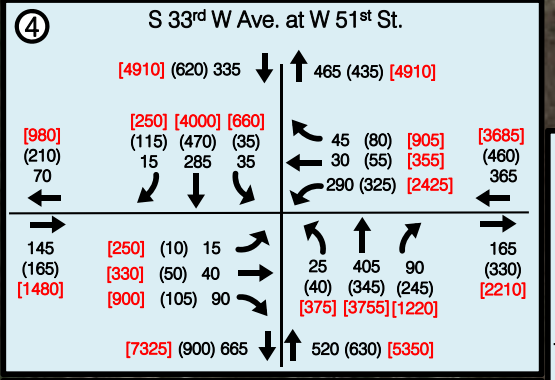
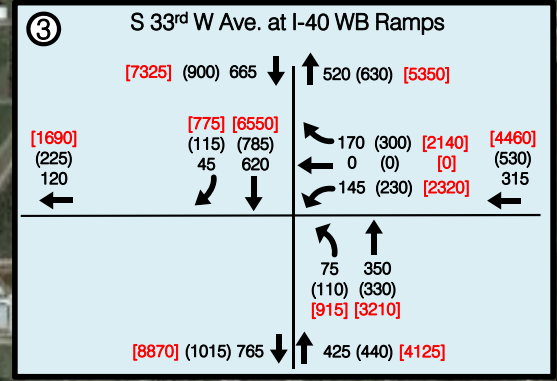
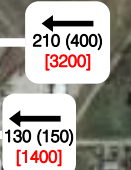
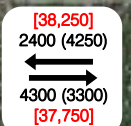
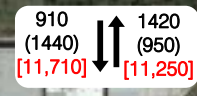
SHEET 10

2045 DESIGN TRAFFIC VOLUMES (EXIST. CONFIG.)





Roadway	K	D	T(AADT)	T(DHV)	T3
Freeway					
I-44 (West of I-244)	10	60	17	12	13
I-244	10	60	10	6	7
I-44 (I-244 to US-75)	10	55	17	14	12
Arterials					
Gilcrease Expwy.	10	55	7	5	3
51st/Skelly/Union	11	65	10	8	4
33rd St	10	55	3	2	0



Legend

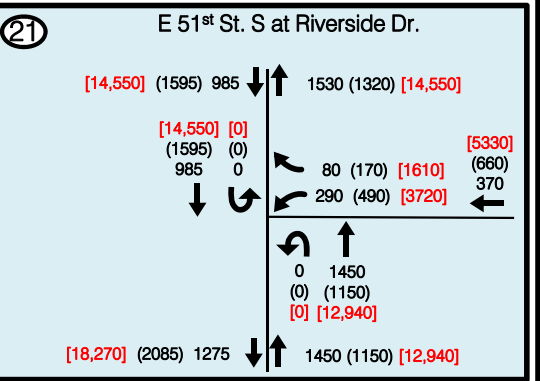
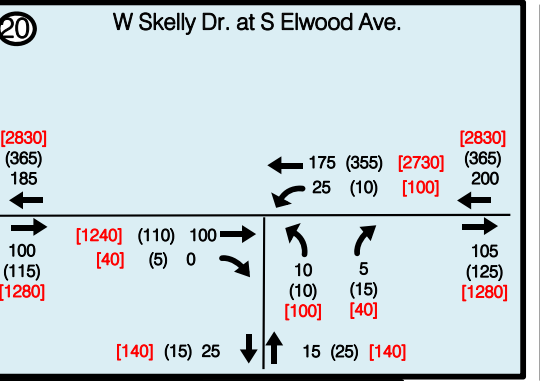
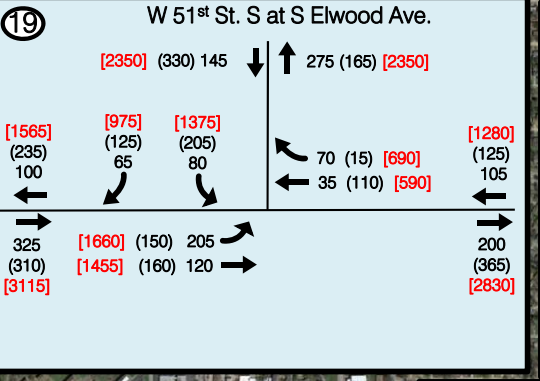
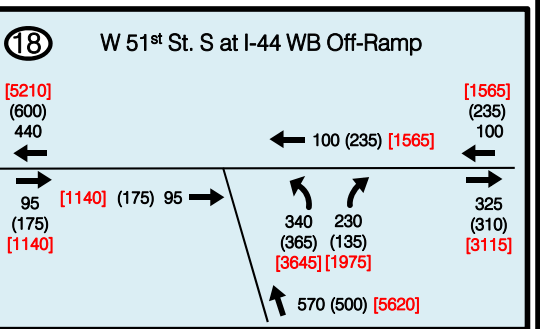
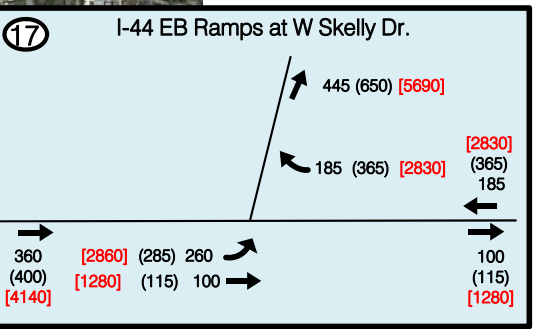
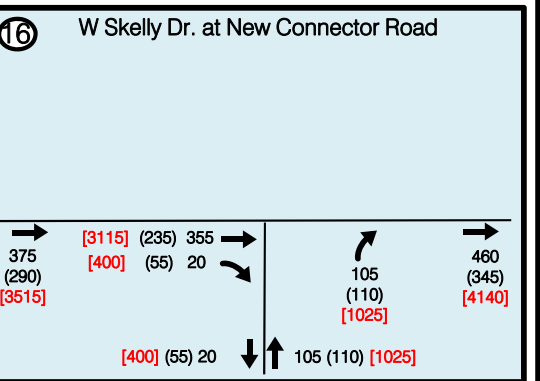
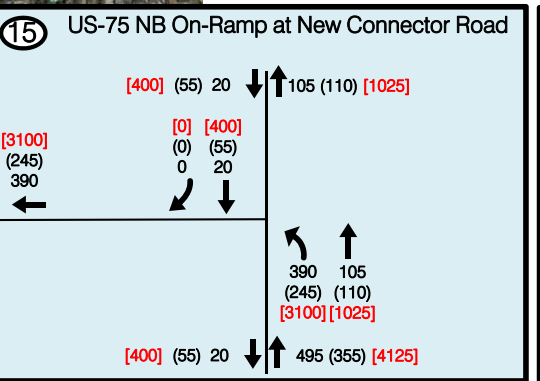
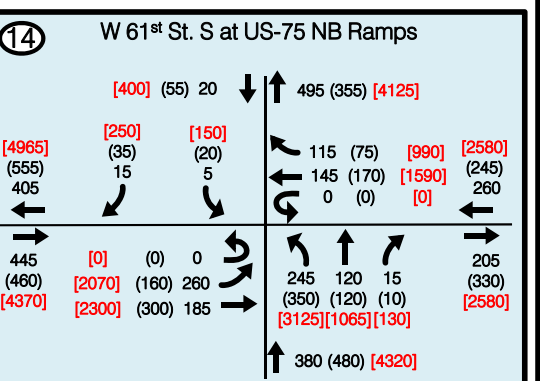
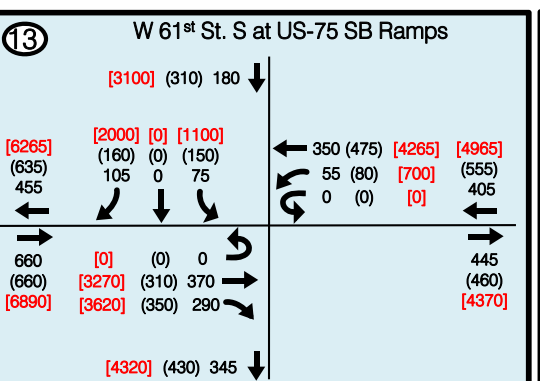
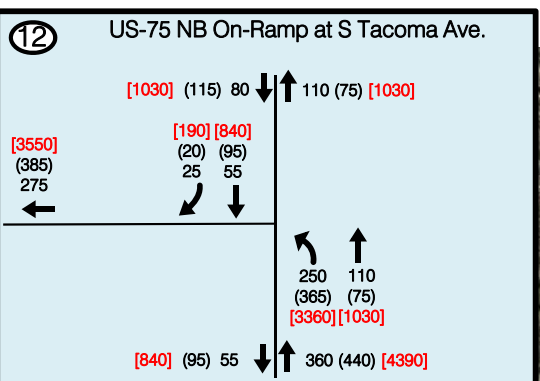
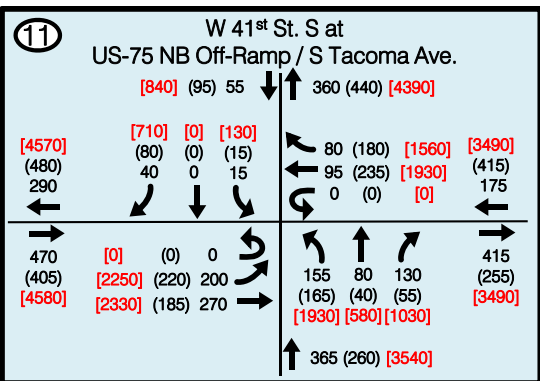
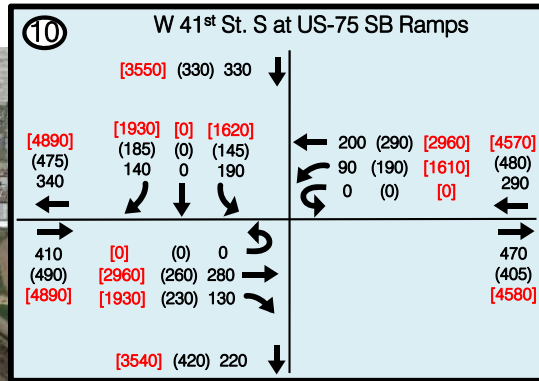
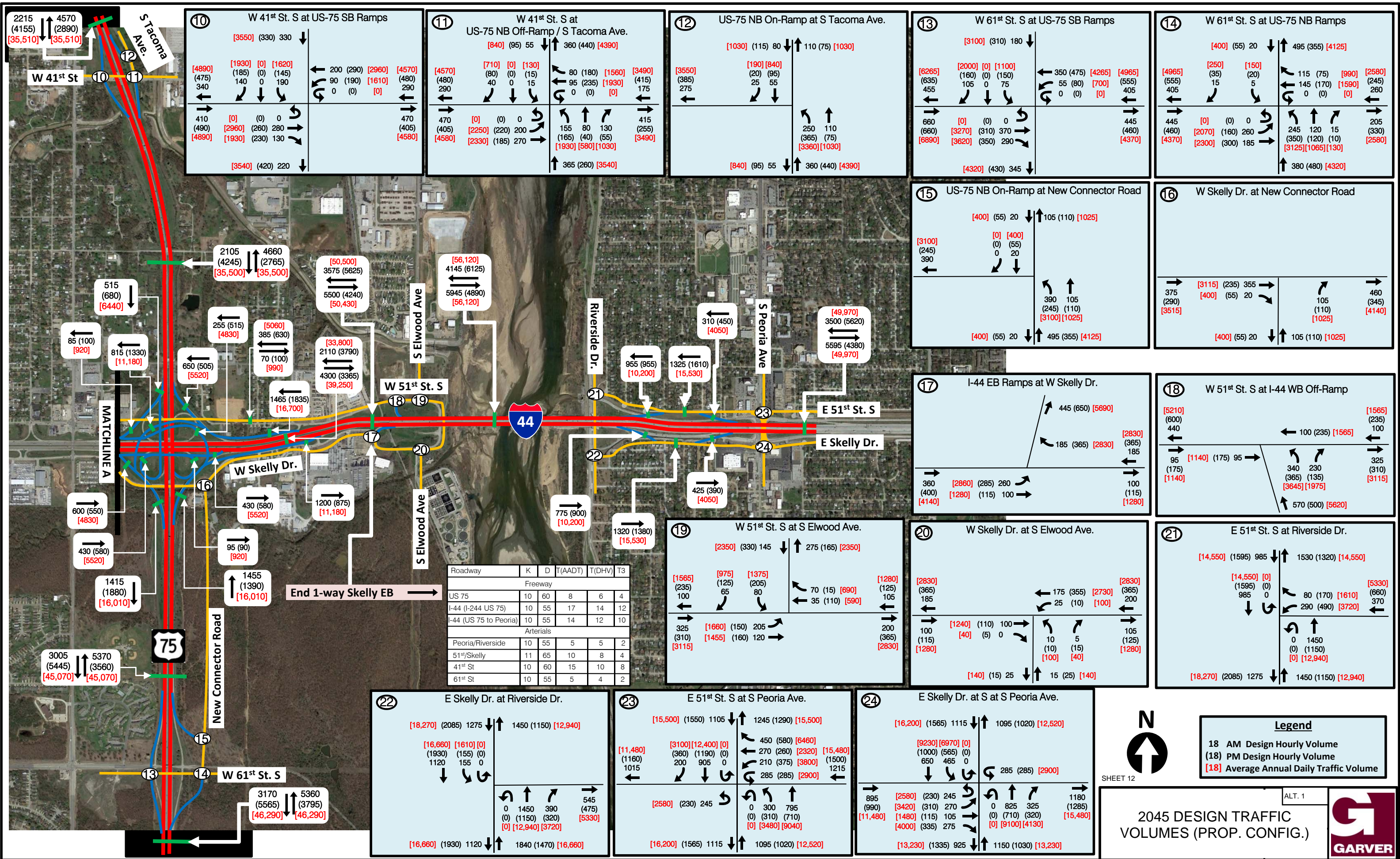
- 18 AM Design Hourly Volume
- (18) PM Design Hourly Volume
- [18] Average Annual Daily Traffic Volume

SHEET 11

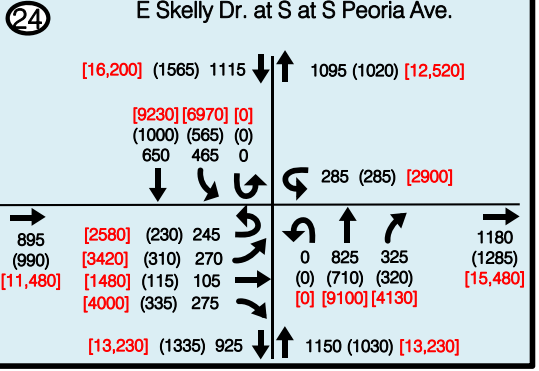
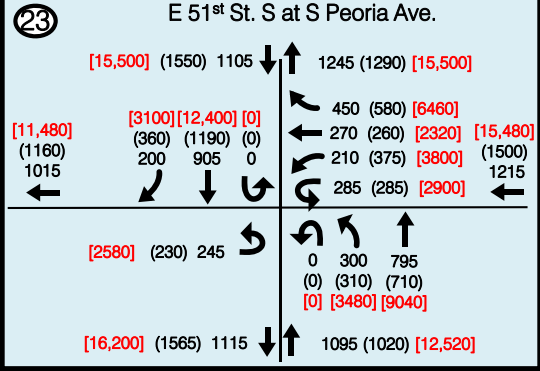
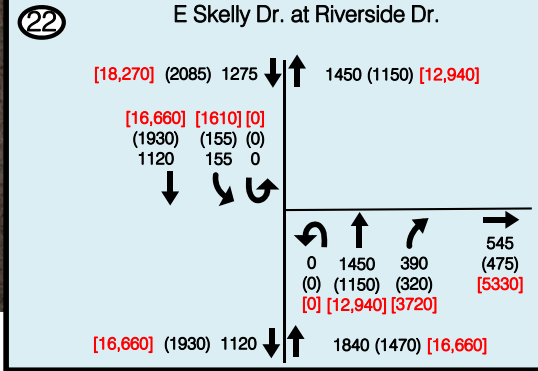


2045 DESIGN TRAFFIC VOLUMES (PROP. CONFIG.)





Roadway	K	D	T(AADT)	T(DHV)	T3
Freeway					
US 75	10	60	8	6	4
I-44 (I-244 US 75)	10	55	17	14	12
I-44 (US 75 to Peoria)	10	55	14	12	10
Arterials					
Peoria/Riverside	10	55	5	5	2
51st/Skelly	11	65	10	8	4
41st St	10	60	15	10	8
61st St	10	55	5	4	2



N
↑

SHEET 12

Legend

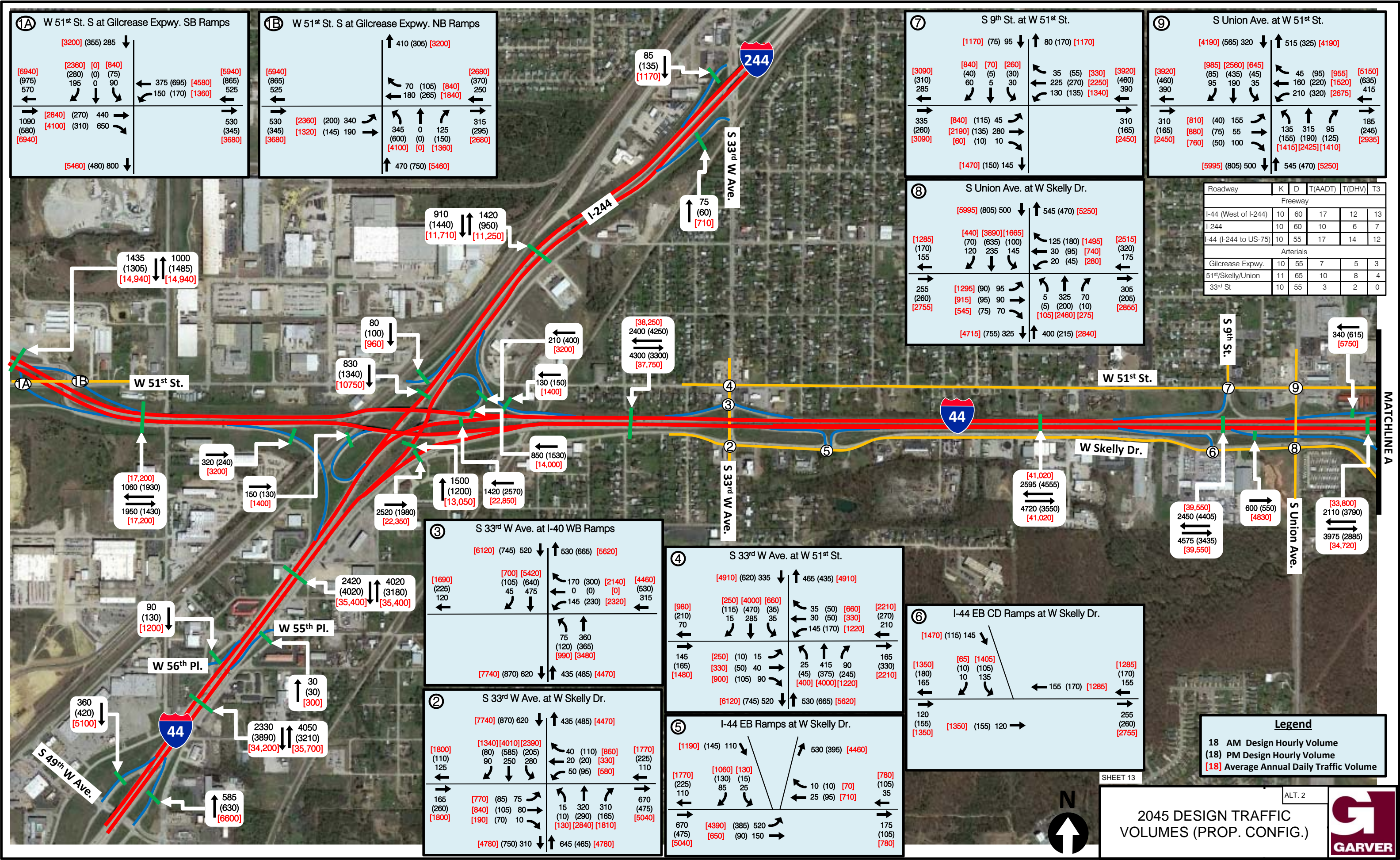
18 AM Design Hourly Volume

(18) PM Design Hourly Volume

[18] Average Annual Daily Traffic Volume

ALT. 1

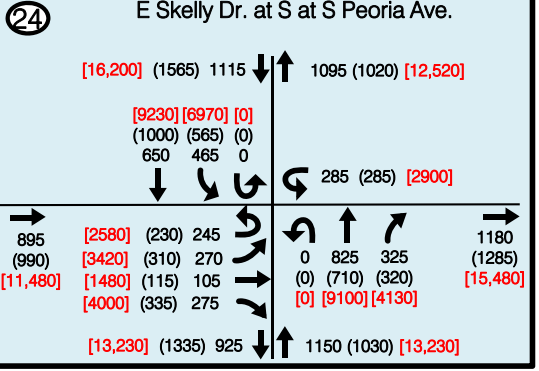
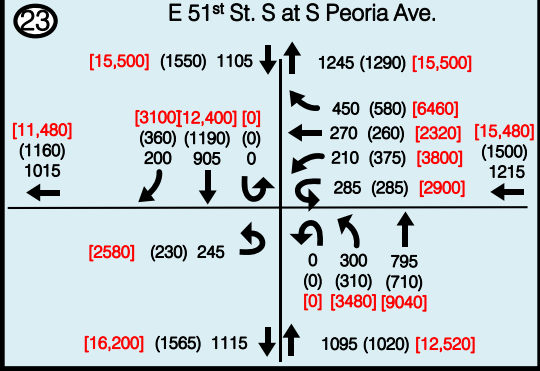
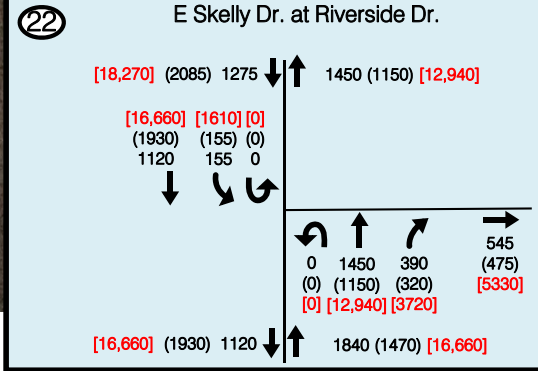
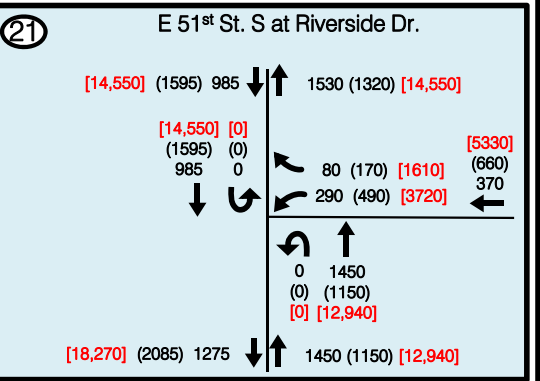
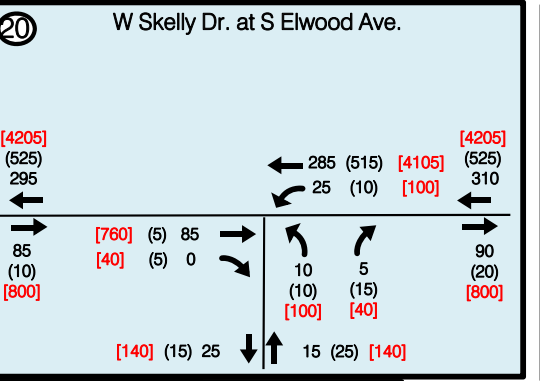
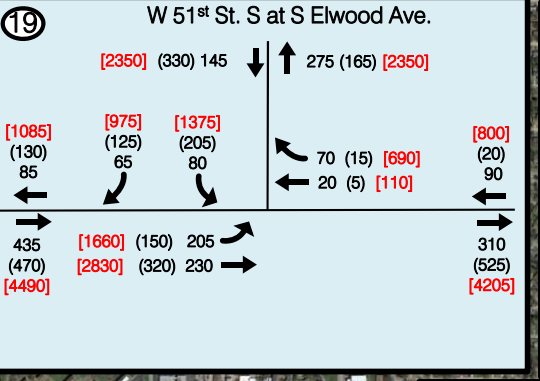
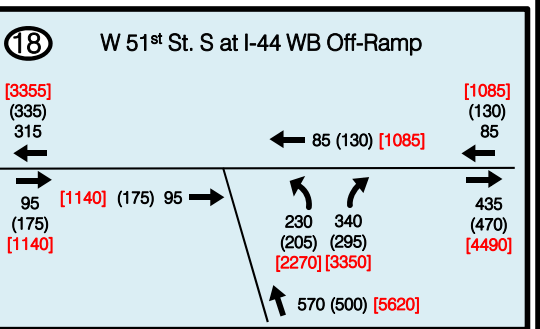
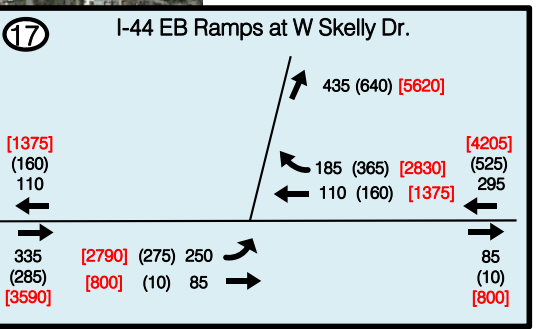
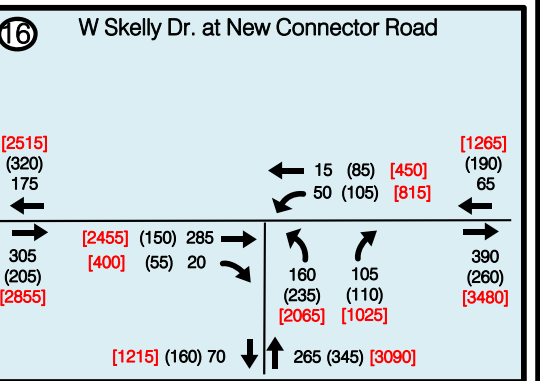
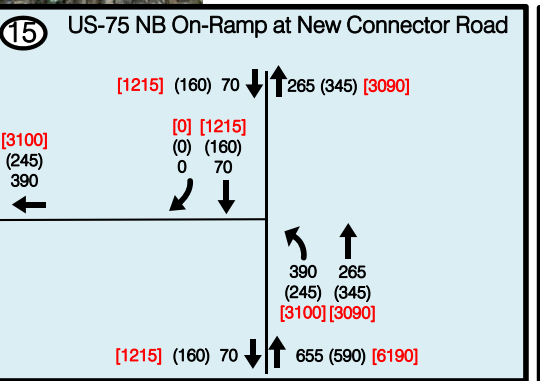
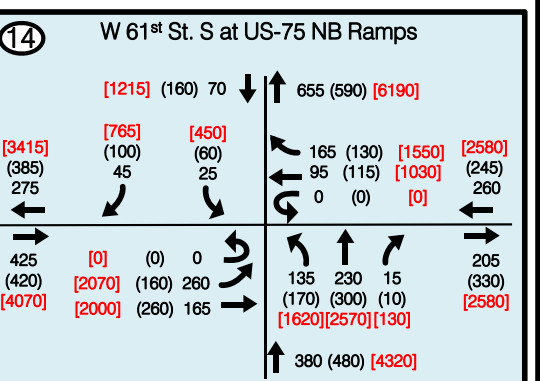
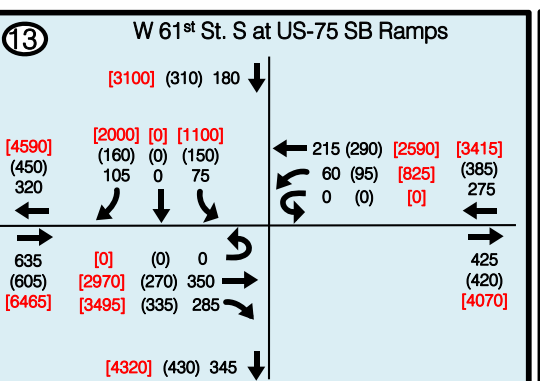
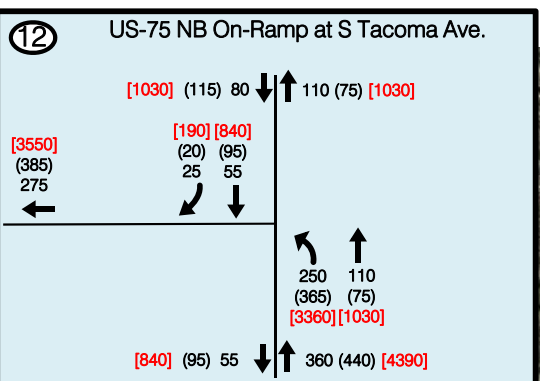
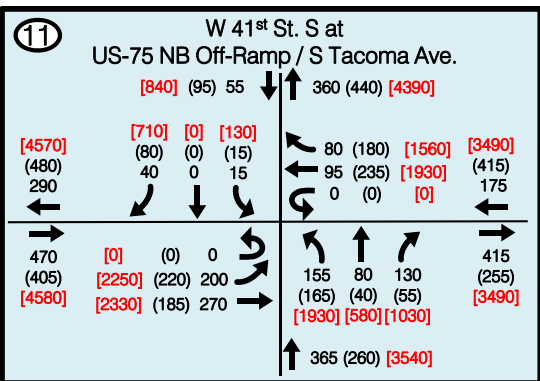
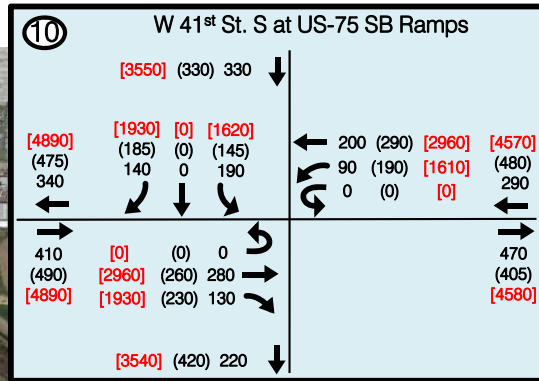
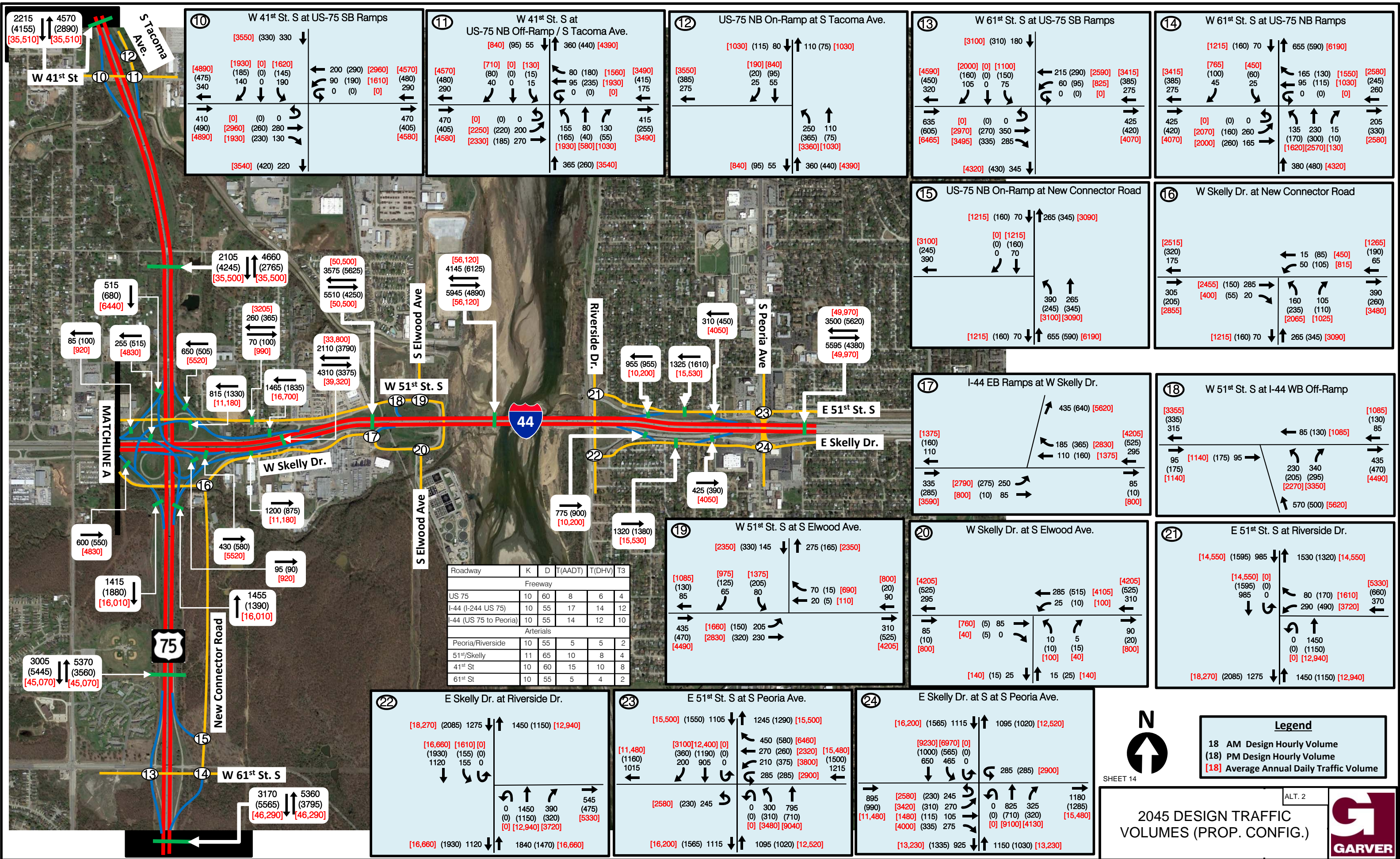
2045 DESIGN TRAFFIC VOLUMES (PROP. CONFIG.)



Roadway	K	D	T(AADT)	T(DHV)	T3
Freeway					
I-44 (West of I-244)	10	60	17	12	13
I-244	10	60	10	6	7
I-44 (I-244 to US-75)	10	55	17	14	12
Arterials					
Gilcrease Expwy.	10	55	7	5	3
51st/Skelly/Union	11	65	10	8	4
33rd St	10	55	3	2	0

Legend
 18 AM Design Hourly Volume
 (18) PM Design Hourly Volume
 [18] Average Annual Daily Traffic Volume

2045 DESIGN TRAFFIC VOLUMES (PROP. CONFIG.)
 ALT. 2
GARVER



Roadway	K	D	T(AADT)	T(DHV)	T3
Freeway					
US 75	10	60	8	6	4
I-44 (I-244 US 75)	10	55	17	14	12
I-44 (US 75 to Peoria)	10	55	14	12	10
Arterials					
Peoria/Riverside	10	55	5	5	2
51st/Skelly	11	65	10	8	4
41st St	10	60	15	10	8
61st St	10	55	5	4	2

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SHEET 14

Legend

18 AM Design Hourly Volume

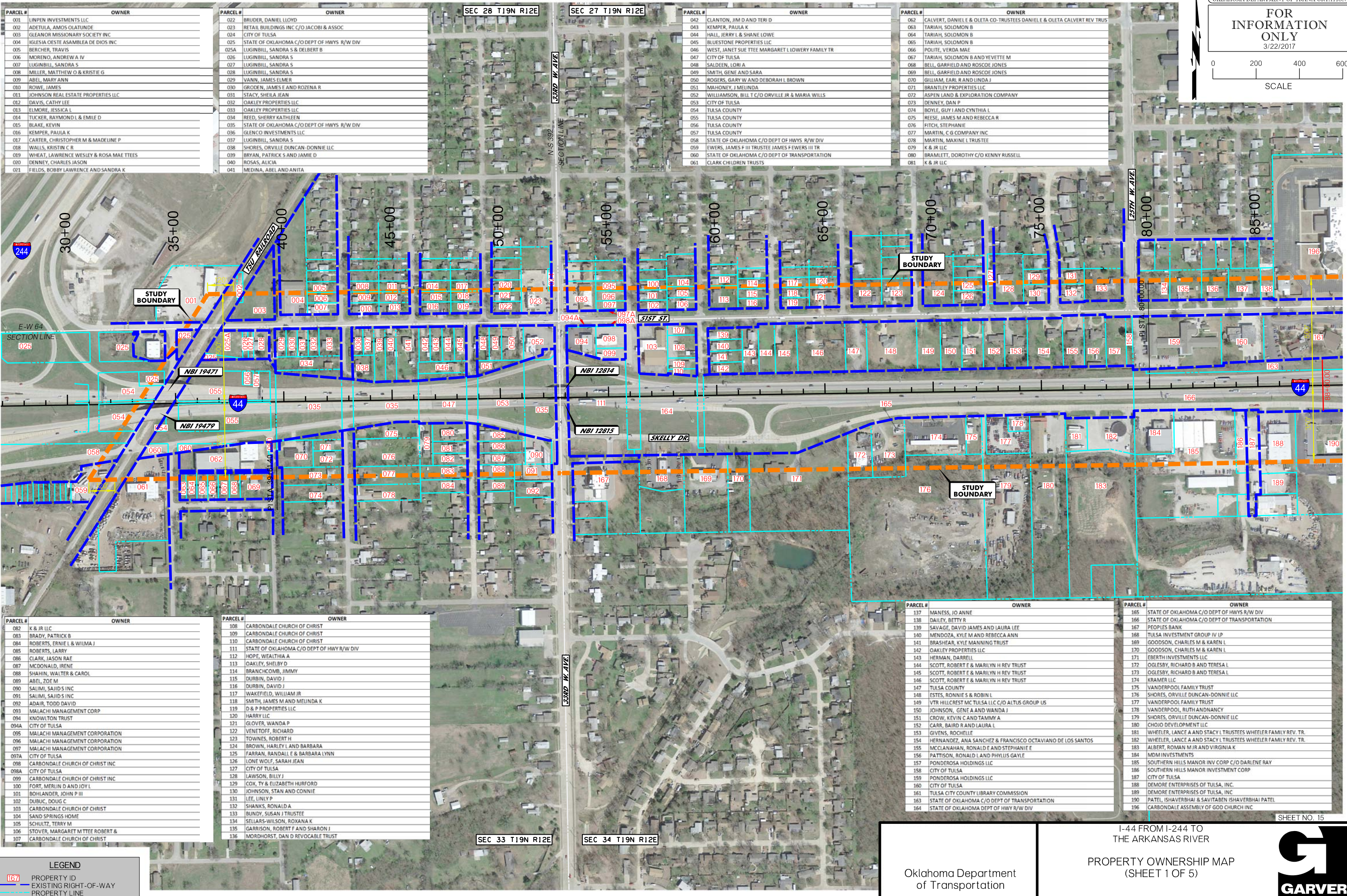
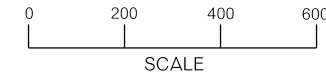
(18) PM Design Hourly Volume

[18] Average Annual Daily Traffic Volume

ALT. 2

2045 DESIGN TRAFFIC VOLUMES (PROP. CONFIG.)

FOR INFORMATION ONLY
3/22/2017



PARCEL #	OWNER
001	LINPEN INVESTMENTS LLC
002	ADETULA, AMOS OLATUNDE
003	GLEANOR MISSIONARY SOCIETY INC
004	IGLESIA OESTE ASAMBLEA DE DIOS INC
005	BERCHER, TRAVIS
006	MORENO, ANDREW A IV
007	LUGINBILL, SANDRA S
008	MILLER, MATTHEW O & KRISTIE G
009	ABEL, MARY ANN
010	ROWE, JAMES
011	JOHNSON REAL ESTATE PROPERTIES LLC
012	DAVIS, CATHY LEE
013	ELMORE, JESSICA L
014	TUCKER, RAYMOND L & EMILE D
015	BLAKE, KEVIN
016	KEMPER, PAULA K
017	CARTER, CHRISTOPHER M & MADELINE P
018	WALLS, KRISTIN C R
019	WHEAT, LAWRENCE WESLEY & ROSA MAE TTEES
020	DENNEY, CHARLES JASON
021	FIELDS, BOBBY LAWRENCE AND SANDRA K

PARCEL #	OWNER
022	BRUDER, DANIEL LLOYD
023	RETAIL BUILDINGS INC C/O JACOBI & ASSOC
024	CITY OF TULSA
025	STATE OF OKLAHOMA C/O DEPT OF HWYS R/W DIV
025A	LUGINBILL, SANDRA S & DELBERT B
026	LUGINBILL, SANDRA S
027	LUGINBILL, SANDRA S
028	LUGINBILL, SANDRA S
029	VANN, JAMES ELMER
030	GRODEN, JAMES E AND ROZENA R
031	STACY, SHEILA JEAN
032	OAKLEY PROPERTIES LLC
033	OAKLEY PROPERTIES LLC
034	REED, SHERRY KATHLEEN
035	STATE OF OKLAHOMA C/O DEPT OF HWYS R/W DIV
036	GLENCO INVESTMENTS LLC
037	LUGINBILL, SANDRA S
038	SHORES, ORVILLE DUNCAN-DONNIE LLC
039	BRYAN, PATRICK S AND JAMIE D
040	ROSAS, ALICIA
041	MEDINA, ABEL AND ANITA

PARCEL #	OWNER
042	CLANTON, JIM D AND TERI D
043	KEMPER, PAULA K
044	HALL, JERRY L & SHANE LOWE
045	BLUESTONE PROPERTIES LLC
046	WEST, JANET SUE TTEE MARGARET LIOWERY FAMILY TR
047	CITY OF TULSA
048	SALDEEN, LORI A
049	SMITH, GENE AND SARA
050	ROGERS, GARY W AND DEBORAH L BROWN
051	MAHONEY, J MELINDA
052	WILLIAMSON, BILL T C/O ORVILLE JR & MARIA WILLS
053	CITY OF TULSA
054	TULSA COUNTY
055	TULSA COUNTY
056	TULSA COUNTY
057	TULSA COUNTY
058	STATE OF OKLAHOMA C/O DEPT OF HWYS R/W DIV
059	EWERS, JAMES F III TRUSTEE JAMES FEWERS III TR
060	STATE OF OKLAHOMA C/O DEPT OF TRANSPORTATION
061	CLARK CHILDREN TRUSTS

PARCEL #	OWNER
062	CALVERT, DANIELE E & OLETA CO-TRUSTEES DANIELE E & OLETA CALVERT REV TRUS
063	TARIAH, SOLOMON B
064	TARIAH, SOLOMON B
065	TARIAH, SOLOMON B
066	POLITE, VERDA MAE
067	TARIAH, SOLOMON B AND YEYETTE M
068	BELL, GARFIELD AND ROSCOE JONES
069	BELL, GARFIELD AND ROSCOE JONES
070	GILLIAM, EARL R AND LINDA J
071	BRANTLEY PROPERTIES LLC
072	ASPEN LAND & EXPLORATION COMPANY
073	DENNEY, DAN P
074	BOYLE, GUY I AND CYNTHIA L
075	REESE, JAMES M AND REBECCA R
076	FITCH, STEPHANIE
077	MARTIN, C G COMPANY INC
078	MARTIN, MAXINE L TRUSTEE
079	K & JR LLC
080	BRAMLETT, DOROTHY C/O KENNY RUSSELL
081	K & JR LLC

PARCEL #	OWNER
082	K & JR LLC
083	BRADY, PATRICK B
084	ROBERTS, ERNIE L & WILMA J
085	ROBERTS, LARRY
086	CLARK, JASON RAF
087	MCDONALD, IRENE
088	SHAHIN, WALTER & CAROL
089	ABEL, ZOE M
090	SALIMI, SAJID S INC
091	SALIMI, SAJID S INC
092	ADAIR, TODD DAVID
093	MALACHI MANAGEMENT CORP
094	KNOXWILTON TRUST
094A	CITY OF TULSA
095	MALACHI MANAGEMENT CORPORATION
096	MALACHI MANAGEMENT CORPORATION
097	MALACHI MANAGEMENT CORPORATION
097A	CITY OF TULSA
098	CARBONDALE CHURCH OF CHRIST INC
098A	CITY OF TULSA
099	CARBONDALE CHURCH OF CHRIST INC
100	FORT MERLIN D AND JOYL
101	BOHLANDER, JOHN P III
102	DUBUC, DOUG C
103	CARBONDALE CHURCH OF CHRIST
104	SAND SPRINGS HOME
105	SCHULTZ, TERRY M
106	STOVER, MARGARET M TTEE ROBERT &
107	CARBONDALE CHURCH OF CHRIST

PARCEL #	OWNER
108	CARBONDALE CHURCH OF CHRIST
109	CARBONDALE CHURCH OF CHRIST
110	CARBONDALE CHURCH OF CHRIST
111	STATE OF OKLAHOMA C/O DEPT OF HWY R/W DIV
112	HOPE, WEALTHIA A
113	OAKLEY, SHELBY D
114	BRANCHCOMB, JIMMY
115	DURBIN, DAVID J
116	DURBIN, DAVID J
117	WAKEFIELD, WILLIAM JR
118	SMITH, JAMES M AND MELINDA K
119	D & P PROPERTIES LLC
120	HARRY LLC
121	GLOVER, WANDA P
122	VENETOFE, RICHARD
123	TOWNES, ROBERT H
124	BROWN, HARLEY L AND BARBARA
125	FARRAN, RANDALL E & BARBARA LYNN
126	LONE WOLF, SARAH JEAN
127	CITY OF TULSA
128	LAWSON, BILLY J
129	COX, TY & ELIZABETH HURFORD
130	JOHNSON, STAN AND CONNIE
131	LEE, LINLY P
132	SHANKS, RONALD A
133	BUNDY, SUSAN J TRUSTEE
134	SELLARS-WILSON, ROXANA K
135	GARRISON, ROBERT F AND SHARON J
136	MORDHORST, DAN D REVOCABLE TRUST

PARCEL #	OWNER
137	MANESS, JO ANNE
138	DAILEY, BETTY R
139	SAVAGE, DAVID JAMES AND LAURA LEE
140	MENDOZA, KYLE M AND REBECCA ANN
141	BRASHEAR, KYLE MANNING TRUST
142	OAKLEY PROPERTIES LLC
143	HERMAN, DARRELL
144	SCOTT, ROBERT E & MARILYN H REV TRUST
145	SCOTT, ROBERT E & MARILYN H REV TRUST
146	SCOTT, ROBERT E & MARILYN H REV TRUST
147	TULSA COUNTY
148	ESTES, RONNIE S & ROBIN L
149	VTR HILLCREST MC TULSA LLC C/O ALTUS GROUP US
150	JOHNSON, GENE A AND WANDA J
151	CROW, KEVIN C AND TAMMY A
152	CARR, BAIRD R AND LAURA L
153	GIVENS, ROCHELLE
154	HERNANDEZ, ANA SANCHEZ & FRANCISCO OCTAVIANO DE LOS SANTOS
155	MCCLANAHAN, RONALD E AND STEPHANIE F
156	PATTISON, RONALD L AND PHYLUS GAYLE
157	PONDEROSA HOLDINGS LLC
158	CITY OF TULSA
159	PONDEROSA HOLDINGS LLC
160	CITY OF TULSA
161	TULSA CITY COUNTY LIBRARY COMMISSION
163	STATE OF OKLAHOMA C/O DEPT OF TRANSPORTATION
164	STATE OF OKLAHOMA DEPT OF HWY R/W DIV

PARCEL #	OWNER
165	STATE OF OKLAHOMA C/O DEPT OF HWYS R/W DIV
166	STATE OF OKLAHOMA C/O DEPT OF TRANSPORTATION
167	PEOPLES BANK
168	TULSA INVESTMENT GROUP IV LP
169	GOODSON, CHARLES M & KAREN L
170	GOODSON, CHARLES M & KAREN L
171	EBERTH INVESTMENTS LLC
172	OGLSEY, RICHARD B AND TERESA L
173	OGLSEY, RICHARD B AND TERESA L
174	KRAMER LLC
175	VANDERPOOL FAMILY TRUST
176	SHORES, ORVILLE DUNCAN-DONNIE LLC
177	VANDERPOOL FAMILY TRUST
178	VANDERPOOL, RUTH AND NANCY
179	SHORES, ORVILLE DUNCAN-DONNIE LLC
180	CHOJO DEVELOPMENT LLC
181	WHEELER, LANCE A AND STACY L TRUSTEES WHEELER FAMILY REV. TR.
182	WHEELER, LANCE A AND STACY L TRUSTEES WHEELER FAMILY REV. TR.
183	ALBERT, ROMAN M JR AND VIRGINIA K
184	MOM INVESTMENTS
185	SOUTHERN HILLS MANOR INV CORP C/O DARLENE RAY
186	SOUTHERN HILLS MANOR INVESTMENT CORP
187	CITY OF TULSA
188	DEMORE ENTERPRISES OF TULSA, INC.
189	DEMORE ENTERPRISES OF TULSA, INC.
190	PATEL, ISHAVERBHAI & SAVITABEN ISHAVERBHAI PATEL
196	CARBONDALE ASSEMBLY OF GOD CHURCH INC

PARCEL #	OWNER
197	CITY OF TULSA
198	DEMORE ENTERPRISES OF TULSA, INC.
199	DEMORE ENTERPRISES OF TULSA, INC.
199	STATE OF OKLAHOMA C/O DEPT OF TRANSPORTATION
199	PATEL, ISHAVERBHAI & SAVITABEN ISHAVERBHAI PATEL
196	CARBONDALE ASSEMBLY OF GOD CHURCH INC

PARCEL #	OWNER
197	CITY OF TULSA
198	DEMORE ENTERPRISES OF TULSA, INC.
199	DEMORE ENTERPRISES OF TULSA, INC.
199	STATE OF OKLAHOMA C/O DEPT OF TRANSPORTATION
199	PATEL, ISHAVERBHAI & SAVITABEN ISHAVERBHAI PATEL
196	CARBONDALE ASSEMBLY OF GOD CHURCH INC

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LEGEND

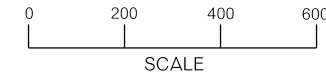
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- EXISTING RIGHT-OF-WAY
- PROPERTY LINE

Oklahoma Department of Transportation

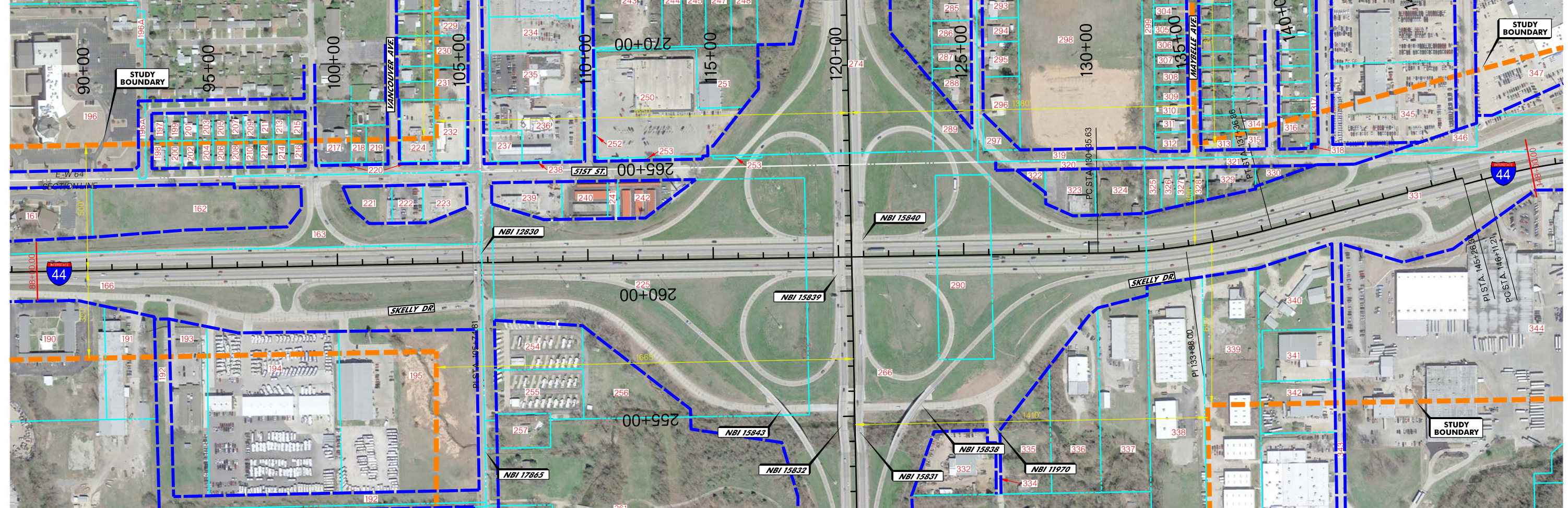
I-44 FROM I-244 TO THE ARKANSAS RIVER
PROPERTY OWNERSHIP MAP
(SHEET 1 OF 5)



SHEET NO. 15



PARCEL #	OWNER	PARCEL #	OWNER
161	TULSA CITY COUNTY LIBRARY COMMISSION	208	JOHNSON, SYLVIA M
162	CARBONDALE ASSEMBLY OF GOD CHURCH	209	MCCOMBS, MARK ALAN AND OKSANA I
163	STATE OF OKLAHOMA C/O DEPT OF TRANSPORTATION	210	URIAS, CRYSTAL D
166	STATE OF OKLAHOMA C/O DEPT OF TRANSPORTATION	211	HAUCK, ALISSA
191	AVERY BARRON HOLDINGS, LLC	212	WOODS, BRITTANY ALISHA & JEFFREY ALAN
192	CITY OF TULSA	213	PENN, A MICHELE
193	REALATION COMMUNITY SERVICES OF OKLAHOMA INC	214	P2 EQUITY INC
194	RACETRACK PROPERTY LLC	215	BOLING, PEGGY C
195	BANNISTER INVESTMENTS LLC	216	JIB PROPERTIES LLC
196	CARBONDALE ASSEMBLY OF GOD CHURCH INC	217	LEGACY FUNERAL HOLDINGS OF OKLAHOMA LLC
196A	CITY OF TULSA	218	WHITFIRE, MARK
197	HARRELL, DELMAR J AND DOROTHY M C/O JOE ADMIRE JR	219	DAVIS, BENJAMIN CAND MONICA M
198	ELIUS, JOE R AND KERRI L	220	CITY OF TULSA
199	NOZAK, LINDSAY	221	MCCOY, SALLY B TRUSTEE SALLY B MCCOY TRUST NO 2 ETAL
200	BEAN, JAMES & TRACY	222	MCCOY, SALLY B TRUSTEE SALLY B MCCOY TRUST NO 2 ETAL
201	BRYAN, JESSE DALE & ASHLEY MARIE	223	MCCOY, SALLY B AND DONALD B ATKINS TRUSTEES
202	BUMGARDNER, NORMA JEAN & DAVID LEE & OMA SCOT	224	TULSA INVESTMENT GROUP IV LP C/O RYAN LLC
203	CASTANEDA, FRANCISCO AND SARAH R	225	STATE OF OKLAHOMA DEPT OF HWYS R/W DEPT
204	KLEIN, DAVID H TRUSTEE DAVID H KLEIN TRUST	226	LOLLIS, JACK & SUSAN
205	PURZNER, JOHN MICHAEL	227	PAREKH, A JASHVANT AND MALTI J AND JASHVANTBHAI
206	JOHNSON, WILLIS GRANT AND EVELYN M TRUSTEES	228	CLARY, ARTHUR M SR AND EDYTHE TRUSTEES CLARY TR
207	CRA HOLDINGS LLC	229	SOUTHWEST PROPERTIES REALTY



PARCEL #	OWNER	PARCEL #	OWNER
230	CRW PROPERTIES INC	251	JOHNSON, WILLIS G AND EVELYN M TRUSTEES JOHNSON TR
231	PLEASANT PROPERTIES LLC	252	SMITH, DAVID L AND HOLLIS J
232	LINC PROPERTIES LLC	253	CITY OF TULSA
233	SHADOWBROOK PROPERTIES LLC	254	CITY OF TULSA
234	RONGEY, PAUL D AND JOHN A SMITH	255	STATE OF OKLAHOMA C/O DEPT OF TRANSPORTATION
235	501 S LEWIS LLC	256	STATE OF OKLAHOMA
236	QUIKTRIP CORP ATTN TAX DEPT	257	DILL, JIMBERLY KAY
237	QUIKTRIP CORPORATION ATT: TAX DEPT	258	STATE OF OKLAHOMA
238	CITY OF TULSA	259	ENBRIDGE PIPELINES LLC C/O RIGHT OF WAY DEPARTMENT
239	ASPEN LAND & EXPLORATION COMPANY	260	CASEY, RHONDA L
240	WEST BANK STORAGE LLC	261	TEXAS EMPIRE PIPE LINE CO C/O ENBRIDGE PIPELINE/OZARK
241	CITY OF TULSA	262	BROWN, JIMMY L AND KATHLEEN L
242	WEST BANK STORAGE LLC	263	BIVINS, LOYD AND MARSHA
243	BRADY RESIDENTIAL PROPERTIES LLC	264	SHERFIELD, NANETTE
244	DELTSCHKE BANK NATIONAL TRUST CO TTEE	265	NEWFORT, DANIELE AND MARIA J
245	LAHR, CARL E AND RITA A	266	1118 W 49TH ST TRUST
246	BERCHER, ANNICE M & RANDY ROBERT	267	DELOZIER, JENNIFER
247	BERCHER, ANNICE M & RANDY ROBERT	268	MORRIS, C PHILIP & JANICE LIVING TRUST
248	CROSSROADS FULL GOSPEL CHURCH	269	HYDE, NORMA J TRUSTEE NORMA J HYDE TRUST
249	CROSSROADS PENTECOSTAL CHURCH OF GOD INC	270	HALL, THOMAS R & MARY M CO TTEES
250	WAREHOUSE MARKET 51ST & UNION LLC	271	ROUDABUSH, STEPHANIE
251	ASPEN SQUARE INC	272	MARTINEZ, JAMES L AND APRIL S
252	CITY OF TULSA	273	STATE OF OKLAHOMA C/O DEPT OF TRANSPORTATION
253	TULSA COUNTY	274	STATE OF OKLAHOMA C/O DEPT OF TRANSPORTATION
254	CLINE, CHAD ALLEN AND CHARLES C III CO TRUSTEES	275	SOLOMON, WAYNE AND DEBORAH
255	CLINE, CHAD ALLEN AND CHARLES C III CO TRUSTEES	276	ROBINSON, PAUL T AND ANNA MAE
256	CLINE, CHAD ALLEN AND CHARLES C III CO TRUSTEES	277	MCLENDON, JAMES T AND ROBERTA
257	WATTS, ROBERT	278	CARR, WILLIAM C AND JUDITH A
258	CITY OF TULSA	279	HORN, SIDNEY L
259	JANOWSKI, BRADEN S TRUSTEE BRADEN S J. JANOWSKI TR	280	CLARKSON, CHARLES A
260	CITY OF TULSA	281	STATE OF OKLAHOMA DEPARTMENT OF HWY R/W DIVISION

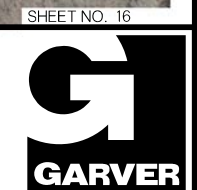
PARCEL #	OWNER
298	WINNETKA HEIGHTS BAPTIST CHURCH OF TULSA
299	PUBLIC SERVICE CO OF OKLA
300	OAKLEY PROPERTIES LLC
301	CLUBB, PEGGY LOIS LIVING TRUST C/O PEGGY LOIS CLUBB TTT
302	COCHRAN, HELGA
303	CARPENTER, CLARA D
304	STONE, GENIE M
305	ELLINGTON, JUSTIN
306	BORK, ADAM J AND PATRICIA L
307	MCDEVITT, PEGGY JO TRSTEE PEGGY JO MCDEVITT REV TRST
308	PETERSEN, NEAL E
309	DEAN, LUCAS ADAM

PARCEL #	OWNER	PARCEL #	OWNER
310	WILLIAMS, JANELLE L	331	STATE OF OKLAHOMA C/O DEPT OF TRANSPORTATION
311	STOTTLEMYRE, ANDREW	332	BECCO CONTRACTORS INC
312	4968 S MAYBELLE AVE LAND TRUST, THE	333	Y M C A OF GREATER TULSA METROPOLITAN OFFICE
313	BAKER, SHELTON	334	CITY OF TULSA
314	SIMMONS, RANDE A & TAMARA D	335	SEFRIED, MELISSA TRUST
315	HALL, JEREMY D	336	LEHMAN, RAY T TRUSTEE RAY T LEHMAN TRUST
316	TALLEY, BRICE AND CAROLYN	337	MONAHAN, VIRGINIA H TRSTEE VIRGINIA HELEN MONAHAN
317	SMITH, JOSEPH D	338	WEST SKELLY INDUSTRIAL PARK ATTN ALLEN G GELWICK JR
318	PUBLIC SERVICE CO OF OKLA	339	MOM INVESTMENTS LP
319	CITY OF TULSA	340	JARIWALA LLC
320	CITY OF TULSA	341	MOM INVESTMENTS LP
321	CITY OF TULSA	342	BOTTILING GROUP LLC
322	RED FORK MASONIC LODGE NO 505	343	CITY OF TULSA
323	RED FORK LODGE NO 505 A F & A M	344	BOTTILING GROUP LLC
324	WEINSTOCK, JOEL	345	EXPLORER HOLDING COMPANY LLC
325	CITY OF TULSA	346	STATE OF OKLAHOMA DEPT HIGHWAY RIGHT OF WAY
326	RONGEY, PAUL AND JOHN A SMITH	347	FOWLER PROPERTIES TULSA C LLC
327	RONGEY, PAUL AND JOHN A SMITH		
328	RONGEY, PAUL AND JOHN A SMITH		
329	AL-KAZAZ, GAHLUB REV TRUST, THE		
330	TLC PROPERTIES INC C/O AMAR OUTDOOR		

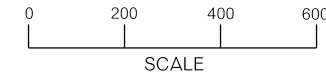
LEGEND
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 EXISTING RIGHT-OF-WAY
 PROPERTY LINE

Oklahoma Department of Transportation

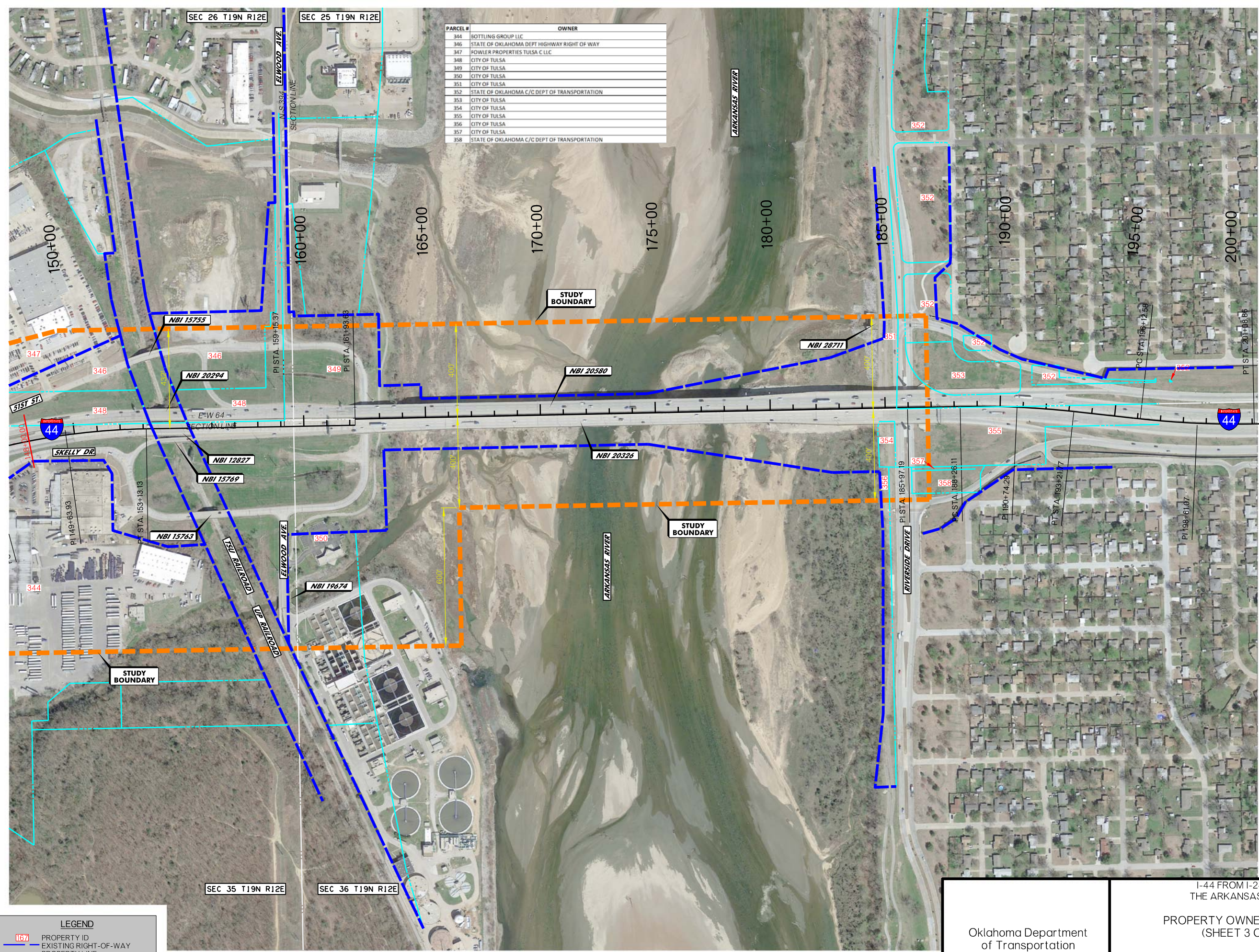
I-44 FROM I-244 TO THE ARKANSAS RIVER
PROPERTY OWNERSHIP MAP
(SHEET 2 OF 5)



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PARCEL #	OWNER
344	BOTTUNG GROUP LLC
346	STATE OF OKLAHOMA DEPT HIGHWAY RIGHT OF WAY
347	FOWLER PROPERTIES TULSA C LLC
348	CITY OF TULSA
349	CITY OF TULSA
350	CITY OF TULSA
351	CITY OF TULSA
352	STATE OF OKLAHOMA C/C DEPT OF TRANSPORTATION
353	CITY OF TULSA
354	CITY OF TULSA
355	CITY OF TULSA
356	CITY OF TULSA
357	CITY OF TULSA
358	STATE OF OKLAHOMA C/C DEPT OF TRANSPORTATION



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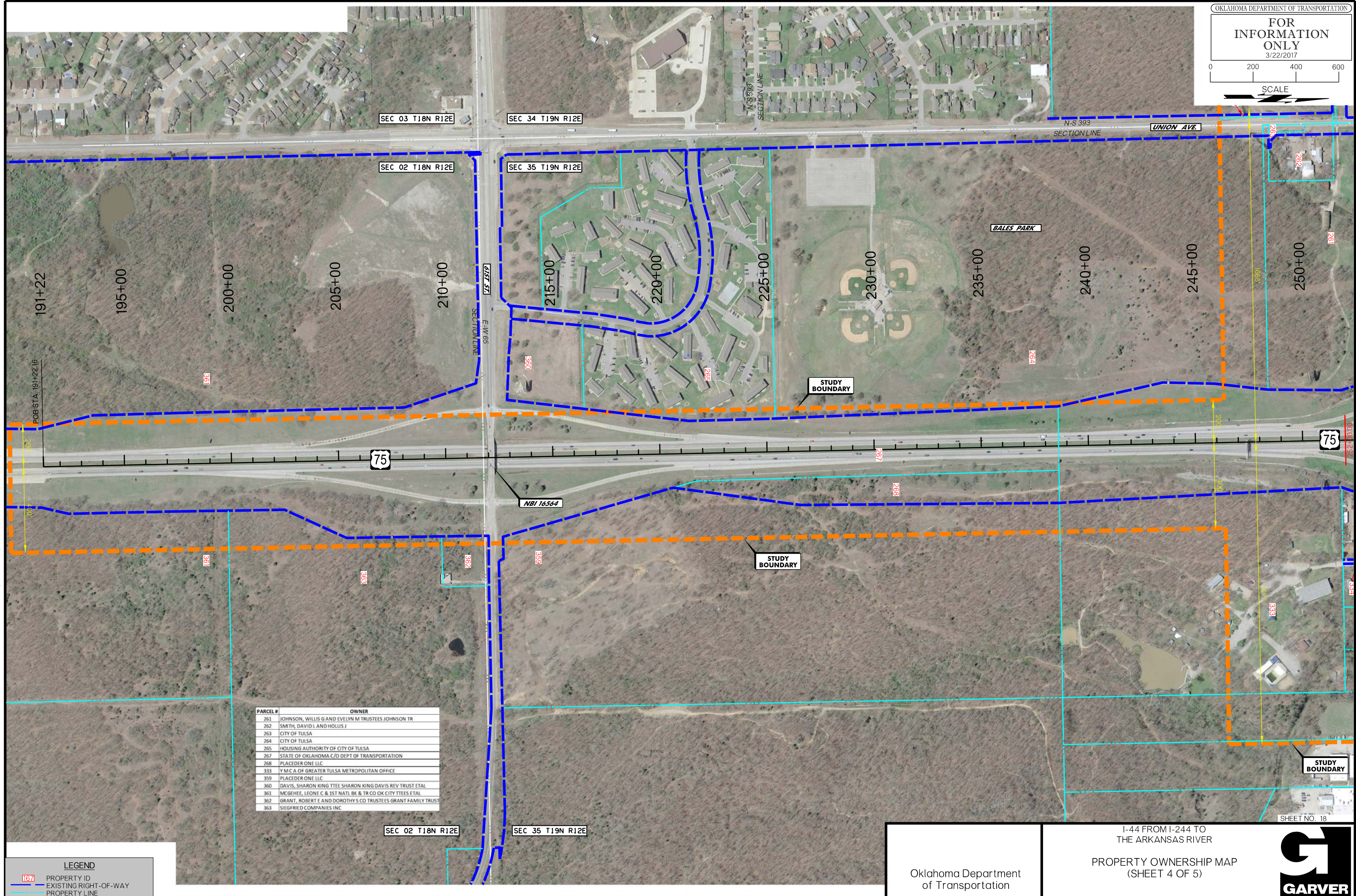
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	PROPERTY ID
	EXISTING RIGHT-OF-WAY
	PROPERTY LINE

Oklahoma Department of Transportation

I-44 FROM I-244 TO THE ARKANSAS RIVER
PROPERTY OWNERSHIP MAP
(SHEET 3 OF 5)

SHEET NO. 17



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PARCEL #	OWNER
261	JOHNSON, WILLIS G AND EVELYN M TRUSTEES JOHNSON TR
262	SMITH, DAVID L AND HOLLISS J
263	CITY OF TULSA
264	CITY OF TULSA
265	HOUSING AUTHORITY OF CITY OF TULSA
267	STATE OF OKLAHOMA C/O DEPT OF TRANSPORTATION
268	PLACEDER ONE LLC
333	Y M C A OF GREATER TULSA METROPOLITAN OFFICE
359	PLACEDER ONE LLC
360	DAVIS, SHARON KING TTEE SHARON KING DAVIS REV TRUST ETAL
361	MCGHEE, LEONE C & 1ST NATL BK & TR CO OK CITY TTEES ETAL
362	GRANT, ROBERT F AND DOROTHY'S CO TRUSTEES GRANT FAMILY TRUST
363	SIEGFRIED COMPANIES INC

LEGEND

167	PROPERTY ID
	EXISTING RIGHT-OF-WAY
	PROPERTY LINE

Oklahoma Department
of Transportation

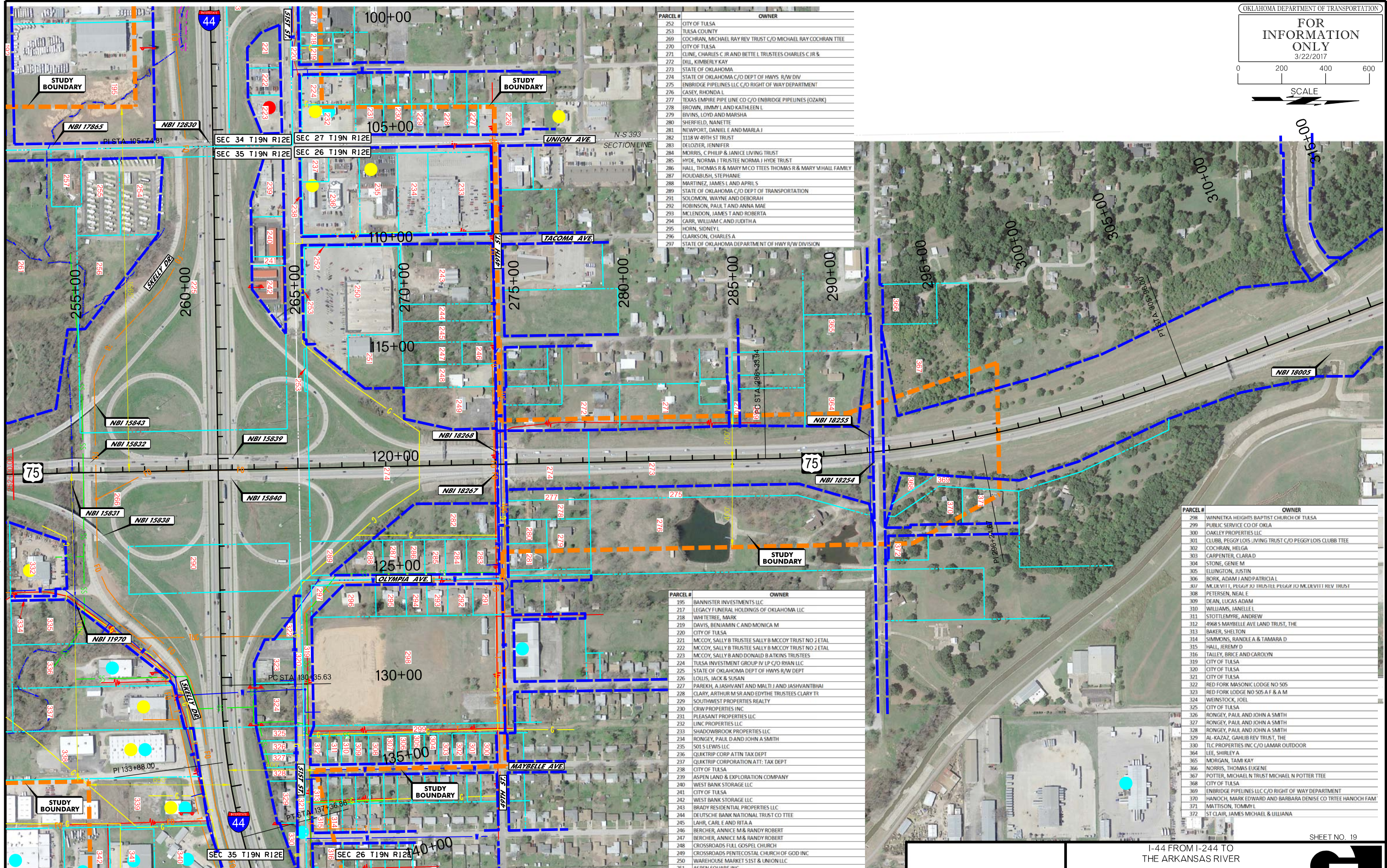
I-44 FROM I-244 TO
THE ARKANSAS RIVER
PROPERTY OWNERSHIP MAP
(SHEET 4 OF 5)

SHEET NO. 18

PARCEL #	OWNER
252	CITY OF TULSA
253	TULSA COUNTY
269	COCHRAN, MICHAEL RAY REV TRUST C/O MICHAEL RAY COCHRAN TTEE
270	CITY OF TULSA
271	CLINE, CHARLES C JR AND BETTE L TRUSTEES CHARLES C JR &
272	DILL, KIMBERLY KAY
273	STATE OF OKLAHOMA
274	STATE OF OKLAHOMA C/O DEPT OF HWYS R/W DIV
275	ENBRIDGE PIPELINES LLC C/O RIGHT OF WAY DEPARTMENT
276	CASEY, RHONDA L
277	TEXAS EMPIRE PIPE LINE CO C/O ENBRIDGE PIPELINES (OZARK)
278	BROWN, JIMMY LAND KATHLEEN L
279	EVINS, LOYD AND MARSHA
280	SHERFIELD, NANETTE
281	NEWPORT, DANIEL E AND MARLA J
282	1118 W 49TH ST TRUST
283	DELOZIER, JENNIFER
284	MORRIS, C PHILIP & JANICE LIVING TRUST
285	HYDE, NORMA I TRUSTEE NORMA I HYDE TRUST
286	HALL, THOMAS R & MARY M CO TTEES THOMAS R & MARY M HALL FAMILY
287	FOULDABUSH, STEPHANIE
288	MARTINEZ, JAMES L AND APRIL S
289	STATE OF OKLAHOMA C/O DEPT OF TRANSPORTATION
291	SOLOMON, WAYNE AND DEBORAH
292	ROBINSON, PAUL T AND ANNA MAE
293	MCLENDON, JAMES T AND ROBERTA
294	CARR, WILLIAM C AND JUDITH A
295	HORN, SIDNEY L
296	CLARKSON, CHARLES A
297	STATE OF OKLAHOMA DEPARTMENT OF HWY R/W DIVISION

PARCEL #	OWNER
298	WINNETKA HEIGHTS BAPTIST CHURCH OF TULSA
299	PUBLIC SERVICE CO OF OKLA
300	OAKLEY PROPERTIES LLC
301	CLUBB, PEGGY LOIS LIVING TRUST C/O PEGGY LOIS CLUBB TTEE
302	COCHRAN, HELGA
303	CARPENTER, CLARA D
304	STONE, GENIE M
305	ELLINGTON, JUSTIN
306	BORK, ADAM J AND PATRICIA L
307	MCDEVITT, PEGGY JO TRUSTEE PEGGY JO MCDEVITT REV TRUST
308	PETERSEN, NEAL E
309	DEAN, LUCAS ADAM
310	WILLIAMS, JANELLE L
311	STOTTLEMYRE, ANDREW
312	4968 S MAYBELLE AVE LAND TRUST, THE
313	BAKER, SHELTON
314	SIMMONS, RANDE A & TAMARA D
315	HALL, JEREMY D
316	TALLEY, BRICE AND CAROLYN
319	CITY OF TULSA
320	CITY OF TULSA
321	CITY OF TULSA
322	RED FORK MASONIC LODGE NO 505
323	RED FORK LODGE NO 505 A F & A M
324	WEINSTOCK, JOEL
325	CITY OF TULSA
326	RONGEY, PAUL AND JOHN A SMITH
327	RONGEY, PAUL AND JOHN A SMITH
328	RONGEY, PAUL AND JOHN A SMITH
329	AL KAZAZ, GAHLIB REV TRUST, THE
330	TLC PROPERTIES INC C/O LAMAR OUTDOOR
364	LEE, SHIRLEY A
365	MORGAN, TAMI KAY
366	NORRIS, THOMAS EUGENE
367	POTTER, MICHAEL N TRUST MICHAEL N POTTER TTEE
368	CITY OF TULSA
369	ENBRIDGE PIPELINES LLC C/O RIGHT OF WAY DEPARTMENT
370	HANOCH, MARK EDWARD AND BARBARA DENISE CO TRITEE HANOCH FAM
371	MATTISON, TOMMY L
372	ST CLAIR, JAMES MICHAEL & LILLIANA

PARCEL #	OWNER
195	BANNISTER INVESTMENTS LLC
217	LEGACY FUNERAL HOLDINGS OF OKLAHOMA LLC
218	WHITETREE, MARK
219	DAVIS, BENJAMIN C AND MONICA M
220	CITY OF TULSA
221	MC COY, SALLY B TRUSTEE SALLY B MCCOY TRUST NO 2 ETAL
222	MC COY, SALLY B TRUSTEE SALLY B MCCOY TRUST NO 2 ETAL
223	MC COY, SALLY B AND DONALD B ATKINS TRUSTEES
224	TULSA INVESTMENT GROUP IV LP C/O RYAN LLC
225	STATE OF OKLAHOMA DEPT OF HWYS R/W DEPT
226	LOLLIS, JACK & SUSAN
227	PAREKH, A JASHVANT AND MALTI J AND JASHVANTBHAI
228	CLARY, ARTHUR M SR AND EDYTHE TRUSTEES CLARY TR
229	SOUTHWEST PROPERTIES REALTY
230	CRW PROPERTIES INC
231	PLEASANT PROPERTIES LLC
232	LINC PROPERTIES LLC
233	SHADOWBROOK PROPERTIES LLC
234	RONGEY, PAUL D AND JOHN A SMITH
235	501 S LEWIS LLC
236	QUIKTRIP CORP ATTN TAX DEPT
237	QUIKTRIP CORPORATION ATTN: TAX DEPT
238	CITY OF TULSA
239	ASPEN LAND & EXPLORATION COMPANY
240	WEST BANK STORAGE LLC
241	CITY OF TULSA
242	WEST BANK STORAGE LLC
243	BRADY RESIDENTIAL PROPERTIES LLC
244	DEUTSCHE BANK NATIONAL TRUST CO TTEE
245	LAHR, CARL E AND RITA A
246	BERCHER, ANNICE M & RANDY ROBERT
247	BERCHER, ANNICE M & RANDY ROBERT
248	CROSSROADS FULL GOSPEL CHURCH
249	CROSSROADS PENTECOSTAL CHURCH OF GOD INC
250	WAREHOUSE MARKET 51ST & UNION LLC
251	ASPEN SQUARE INC



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LEGEND

- 167 PROPERTY ID
- EXISTING RIGHT-OF-WAY
- PROPERTY LINE

Oklahoma Department of Transportation

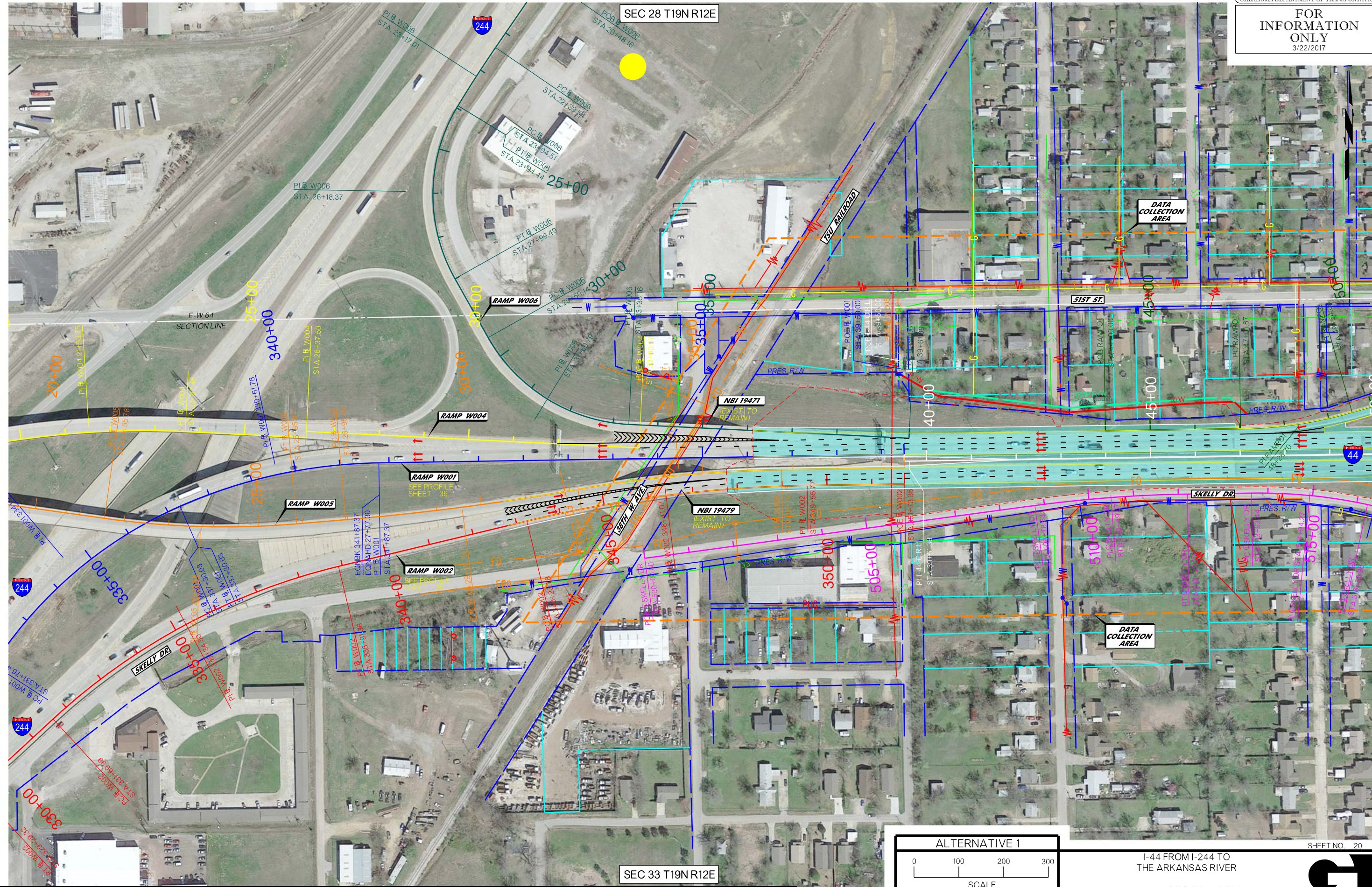
I-44 FROM I-244 TO THE ARKANSAS RIVER
 PROPERTY OWNERSHIP MAP
 (SHEET 5 OF 5)

SHEET NO. 19

SEC 28 T19N R12E

SEC 33 T19N R12E

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DATA COLLECTION AREA

DATA COLLECTION AREA

ALTERNATIVE 1

SCALE

Oklahoma Department of Transportation

I-44 FROM I-244 TO THE ARKANSAS RIVER

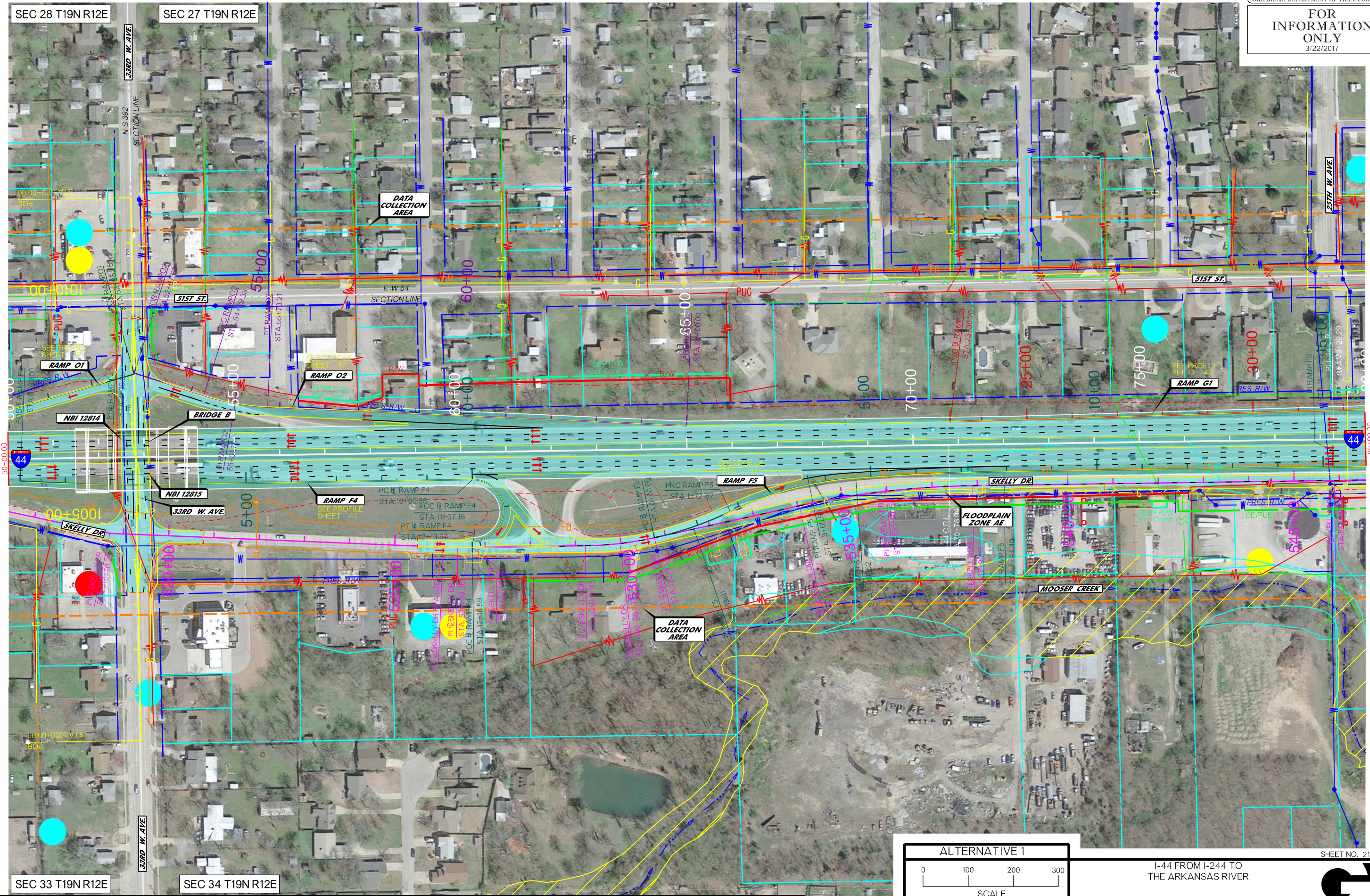
I-44 MAINLINE PLAN (SHEET 1 OF 6)

SHEET NO. 20

LEGEND

POWERLINE	WATER	OVERHEAD TELEPHONE LINE	DATA COLLECTION AREA	UST/AST SITE	FLOODPLAIN ZONE AE
FIBER OPTIC	OIL LINE	EXISTING RIGHT-OF-WAY	STREAM FLOWLINE	POTENTIAL HAZARDOUS MATERIALS SITE	FLOODWAY ZONE AE
GAS LINE	PUG POWER UNDERGROUND	PROPERTY LINE	TEMP RIGHT-OF-WAY	LUST/LAST SITE	TRADE FIXTURE
TELEPHONE UNDERGROUND	SANITARY SEWER	PROPOSED RIGHT-OF-WAY	UTILITY EASEMENT		

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SEC 28 T19N R12E

SEC 27 T19N R12E

SEC 33 T19N R12E

SEC 34 T19N R12E

SHEET NO. 21

LEGEND

- POWERLINE
- FIBER OPTIC
- GAS LINE
- TELEPHONE UNDERGROUND
- WATER
- OIL LINE
- POWER UNDERGROUND
- SANITARY SEWER
- OVERHEAD TELEPHONE LINE
- EXISTING RIGHT-OF-WAY
- PROPERTY LINE
- PROPOSED RIGHT-OF-WAY
- DATA COLLECTION AREA
- STREAM FLOWLINE
- TEMP RIGHT-OF-WAY
- UTILITY EASEMENT
- UST/AST SITE
- POTENTIAL HAZARDOUS MATERIALS SITE
- LUST/LAST SITE
- FLOODPLAIN ZONE AE
- FLOODWAY ZONE AE
- TRADE FIXTURE

ALTERNATIVE 1

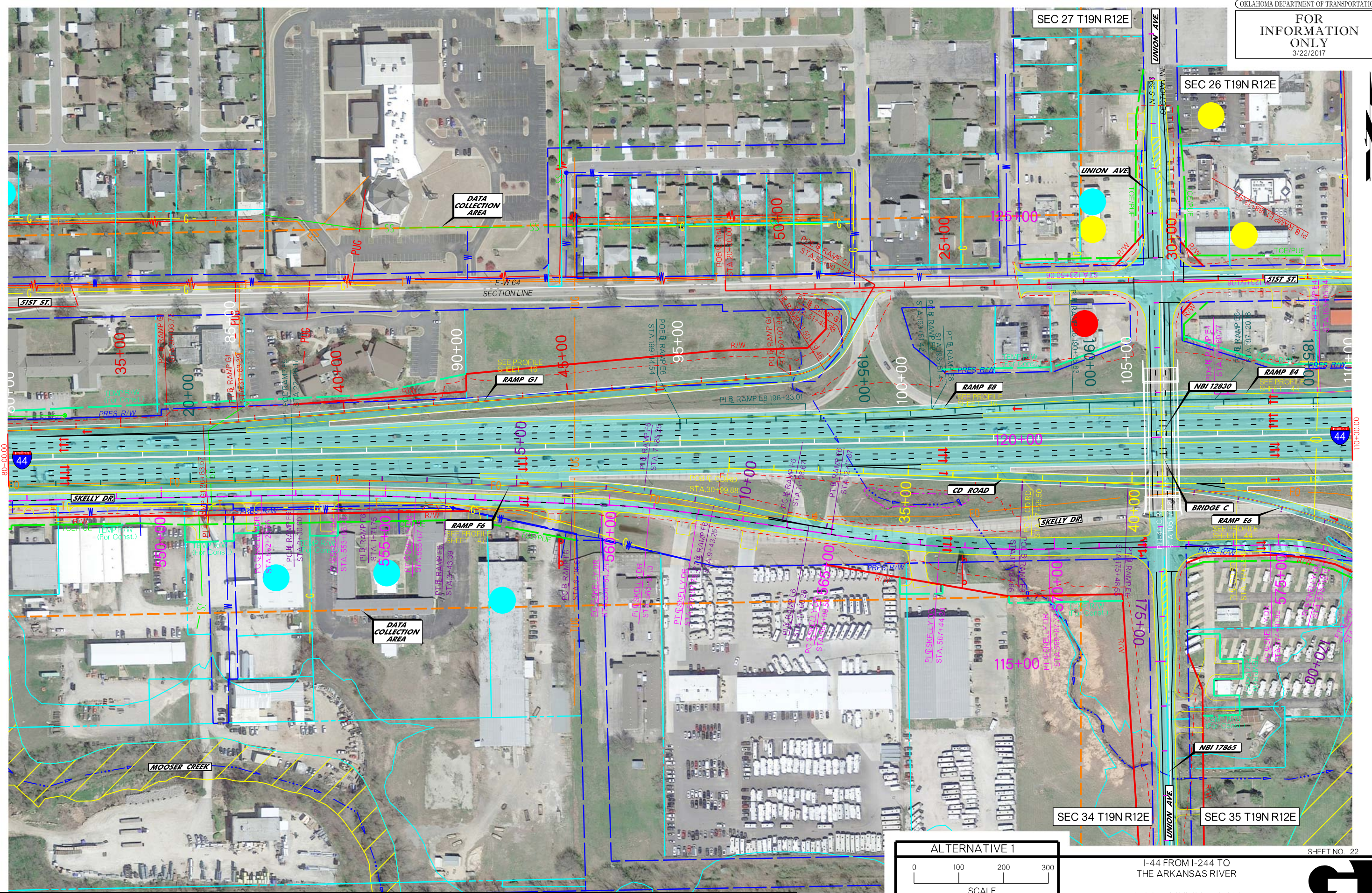
SCALE

Oklahoma Department of Transportation

I-44 FROM I-244 TO THE ARKANSAS RIVER

I-44 MAINLINE PLAN (SHEET 2 OF 6)

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ALTERNATIVE 1

0 100 200 300
 SCALE

Oklahoma Department of Transportation

I-44 FROM I-244 TO THE ARKANSAS RIVER
 I-44 MAINLINE PLAN (SHEET 3 OF 6)



LEGEND			
	POWERLINE		WATER
	FIBER OPTIC		OIL LINE
	GAS LINE		POWER UNDERGROUND
	TELEPHONE UNDERGROUND		SANITARY SEWER
	OVERHEAD TELEPHONE LINE		DATA COLLECTION AREA
	EXISTING RIGHT-OF-WAY		STREAM FLOWLINE
	PROPERTY LINE		TEMP RIGHT-OF-WAY
	PROPOSED RIGHT-OF-WAY		UTILITY EASEMENT
	UST/AST SITE		FLOODPLAIN ZONE AE
	POTENTIAL HAZARDOUS MATERIALS SITE		FLOODWAY ZONE AE
	LUST/LAST SITE		TRADE FIXTURE

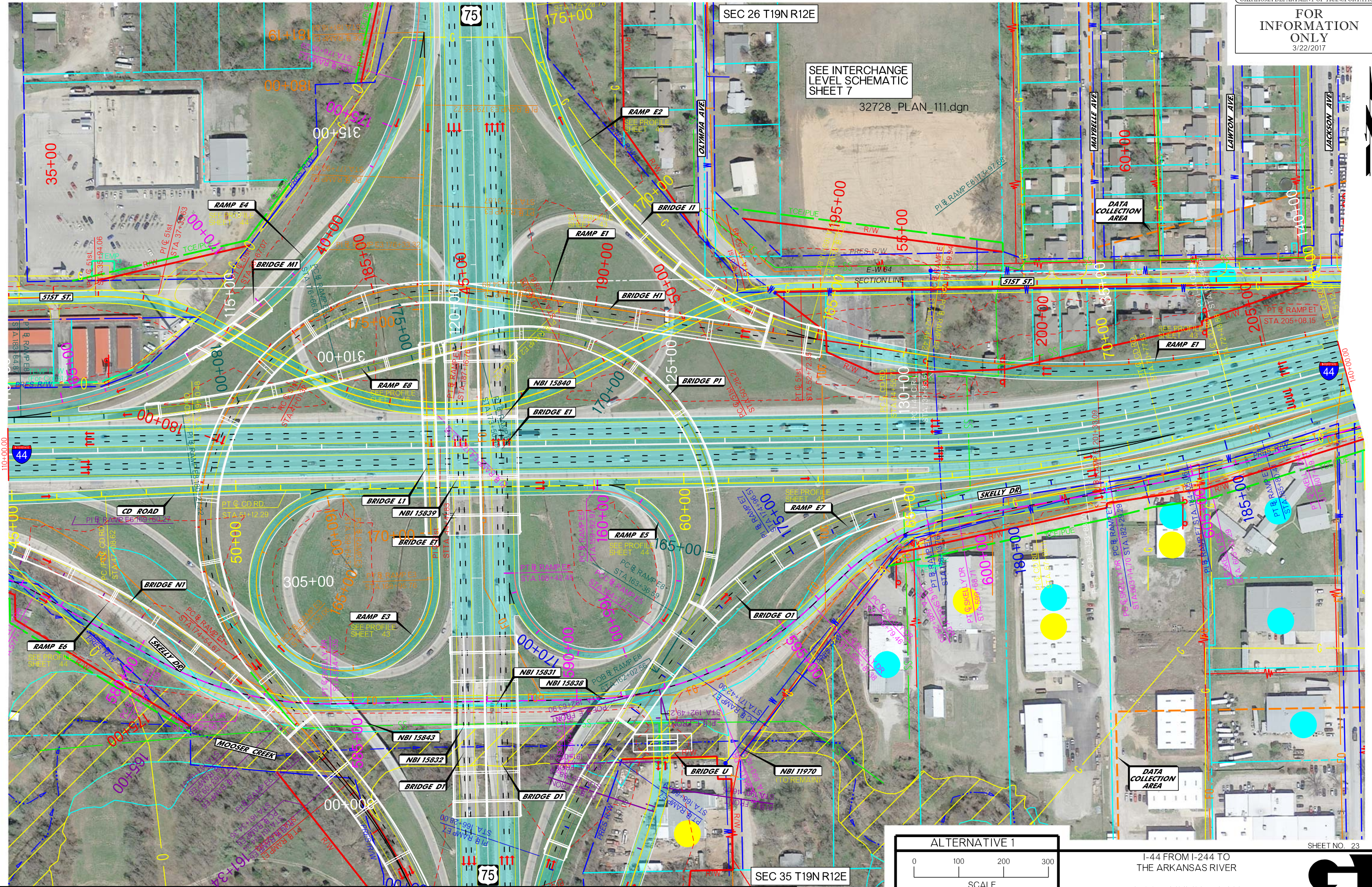
SEC 26 T19N R12E

SEE INTERCHANGE LEVEL SCHEMATIC SHEET 7
32728_PLAN_111.dgn

SEC 35 T19N R12E

SHEET NO. 23

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LEGEND

POWERLINE	WATER	OVERHEAD TELEPHONE LINE	DATA COLLECTION AREA	UST/AST SITE	FLOODPLAIN ZONE AE
FIBER OPTIC	OIL LINE	EXISTING RIGHT-OF-WAY	STREAM FLOWLINE	POTENTIAL HAZARDOUS MATERIALS SITE	FLOODWAY ZONE AE
GAS LINE	POWER UNDERGROUND	PROPERTY LINE	TEMP RIGHT-OF-WAY	LUST/LAST SITE	TRAFFIC MIXTURE
TELEPHONE UNDERGROUND	SANITARY SEWER	PROPOSED RIGHT-OF-WAY	UTILITY EASEMENT		

ALTERNATIVE 1

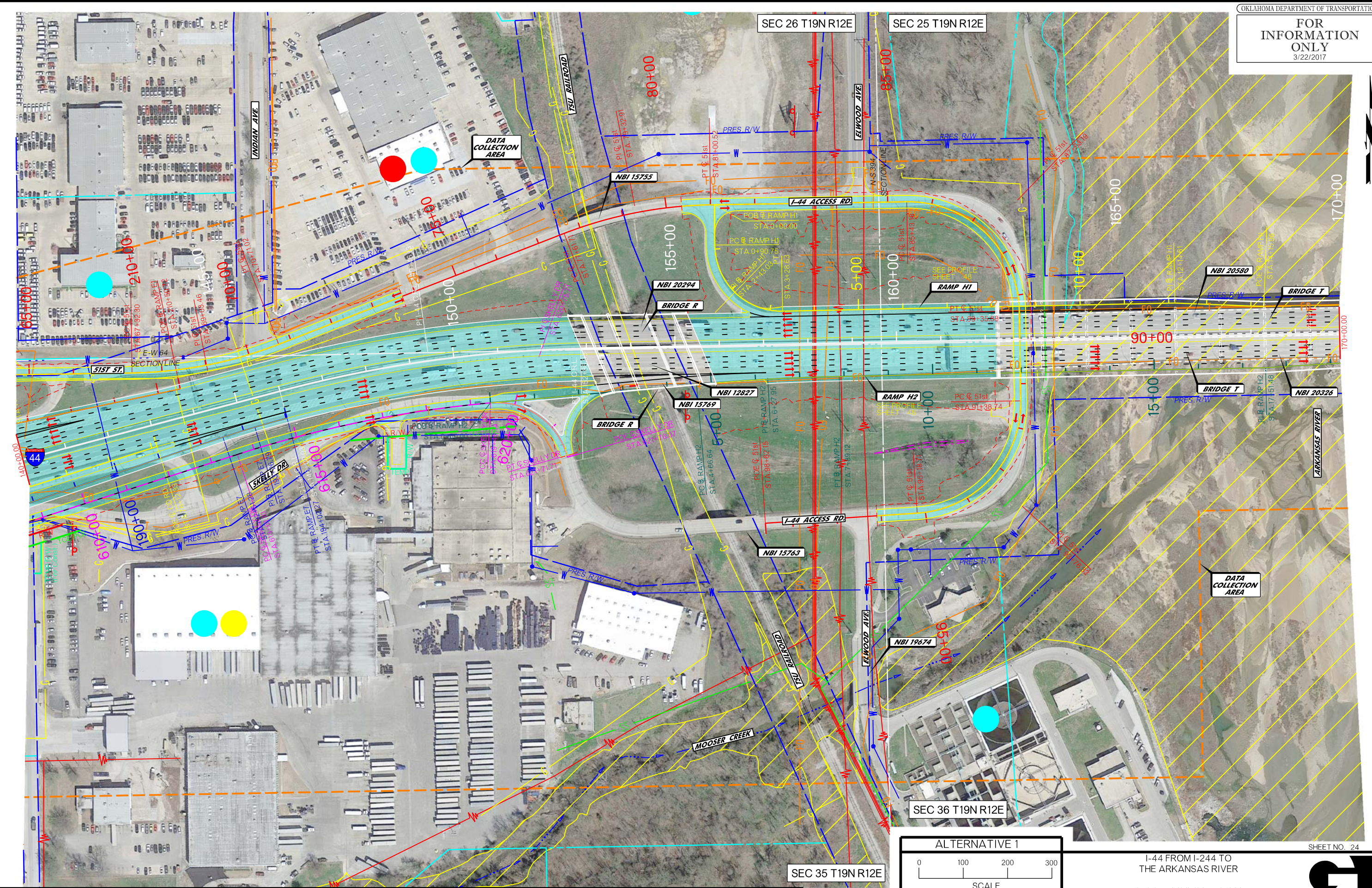
SCALE

Oklahoma Department of Transportation

I-44 FROM I-244 TO THE ARKANSAS RIVER
I-44 MAINLINE PLAN (SHEET 4 OF 6)



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LEGEND			
	POWER LINE		WATER
	FIBER OPTIC		OIL LINE
	GAS LINE		POWER UNDERGROUND
	TELEPHONE UNDERGROUND		SANITARY SEWER
	OVERHEAD TELEPHONE LINE		DATA COLLECTION AREA
	EXISTING RIGHT-OF-WAY		STREAM FLOWLINE
	PROPERTY LINE		TEMP RIGHT-OF-WAY
	PROPOSED RIGHT-OF-WAY		UTILITY EASEMENT
	UST/AST SITE		POTENTIAL HAZARDOUS
	MATERIALS SITE		LUST/LAST SITE
	FLOODPLAIN ZONE AE		FLOODWAY ZONE AE
	TRAFFIC MIXTURE		

ALTERNATIVE 1

SCALE

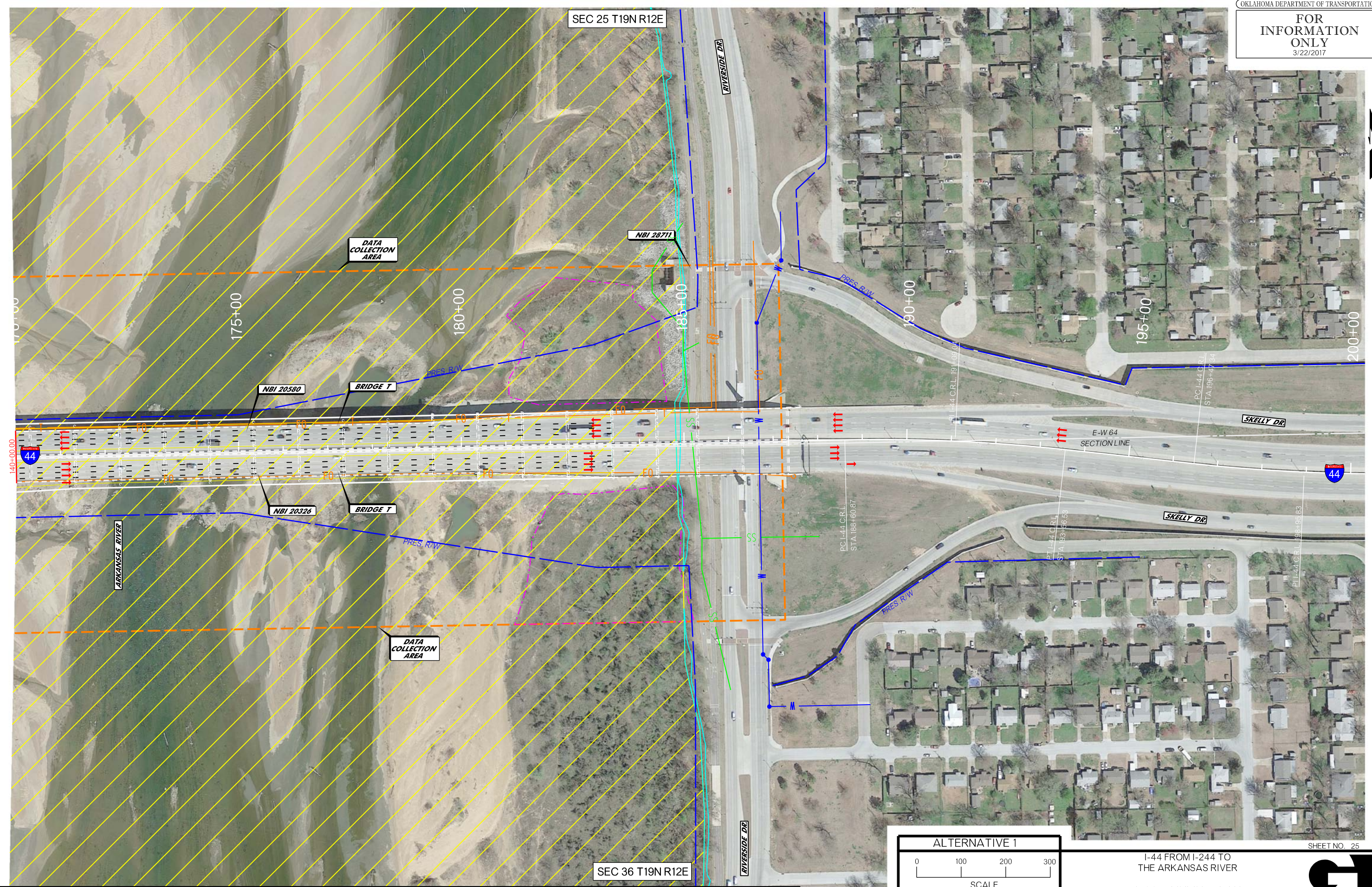
Oklahoma Department of Transportation

I-44 FROM I-244 TO THE ARKANSAS RIVER

I-44 MAINLINE PLAN (SHEET 5 OF 6)

SHEET NO. 24

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LEGEND			
	POWER LINE		WATER
	FIBER OPTIC		EXISTING RIGHT-OF-WAY
	GAS LINE		PROPERTY LINE
	TELEPHONE UNDERGROUND		PROPOSED RIGHT-OF-WAY
	POWER UNDERGROUND		TEMP RIGHT-OF-WAY
	SANITARY SEWER		UTILITY EASEMENT
	OVERHEAD TELEPHONE LINE		DATA COLLECTION AREA
	EXISTING RIGHT-OF-WAY		STREAM FLOW LINE
	PROPERTY LINE		TEMP RIGHT-OF-WAY
	PROPOSED RIGHT-OF-WAY		UTILITY EASEMENT
	UST/AST SITE		FLOODPLAIN ZONE AE
	POTENTIAL HAZARDOUS MATERIALS SITE		FLOODWAY ZONE AE
	LUST/LAST SITE		TRAFFIC MIXTURE

ALTERNATIVE 1

SCALE

Oklahoma Department of Transportation

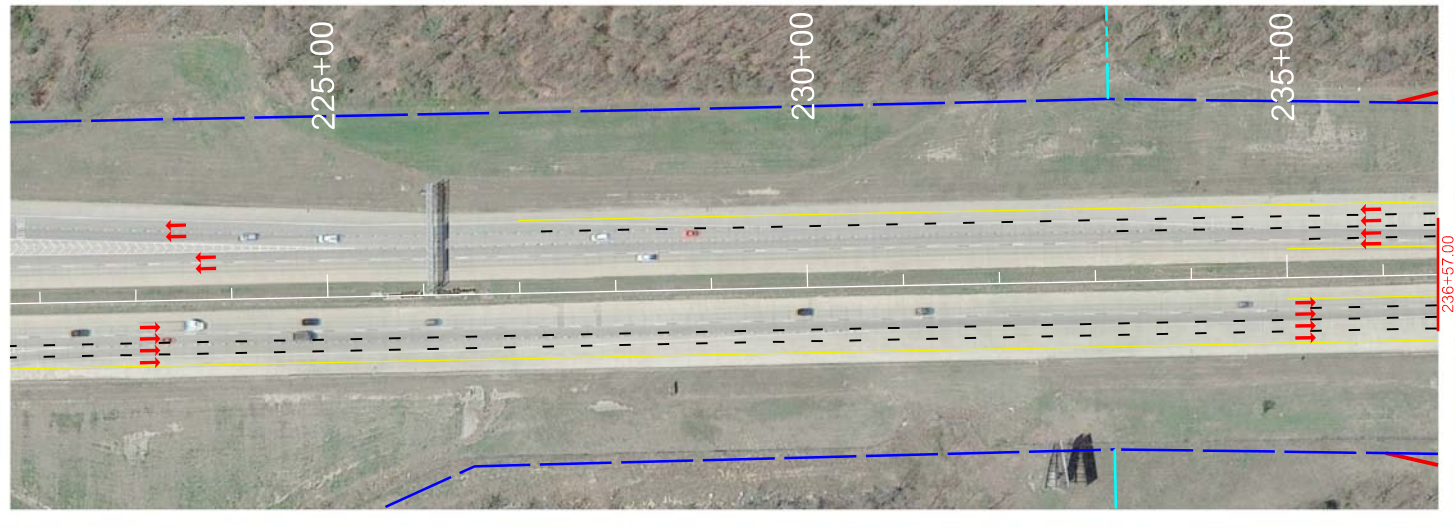
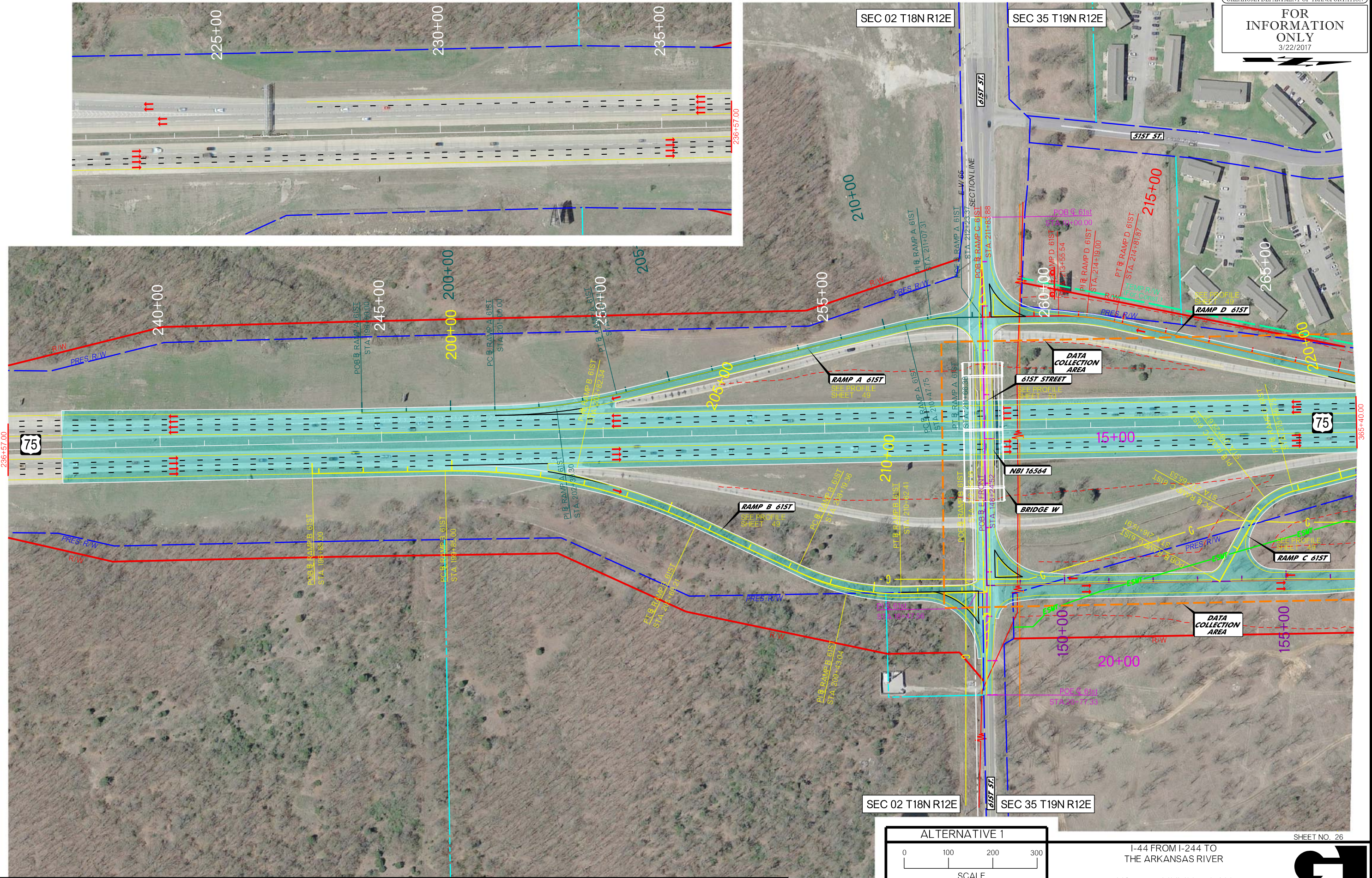
I-44 FROM I-244 TO THE ARKANSAS RIVER

I-44 MAINLINE PLAN (SHEET 6 OF 6)

SHEET NO. 25



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236+57.00

365+40.00

LEGEND

- POWER LINE
- FIBER OPTIC
- GAS LINE
- TELEPHONE UNDERGROUND
- WATER
- OIL LINE
- POWER UNDERGROUND
- SANITARY SEWER
- OVERHEAD TELEPHONE LINE
- EXISTING RIGHT-OF-WAY
- PROPERTY LINE
- PROPOSED RIGHT-OF-WAY
- DATA COLLECTION AREA
- STREAM FLOWLINE
- TEMP RIGHT-OF-WAY
- UTILITY EASEMENT
- UST/AST SITE
- POTENTIAL HAZARDOUS MATERIALS SITE
- LUST/LAST SITE
- FLOODPLAIN ZONE AE
- FLOODWAY ZONE AE
- TRADE FIXTURE

ALTERNATIVE 1

SCALE

Oklahoma Department of Transportation

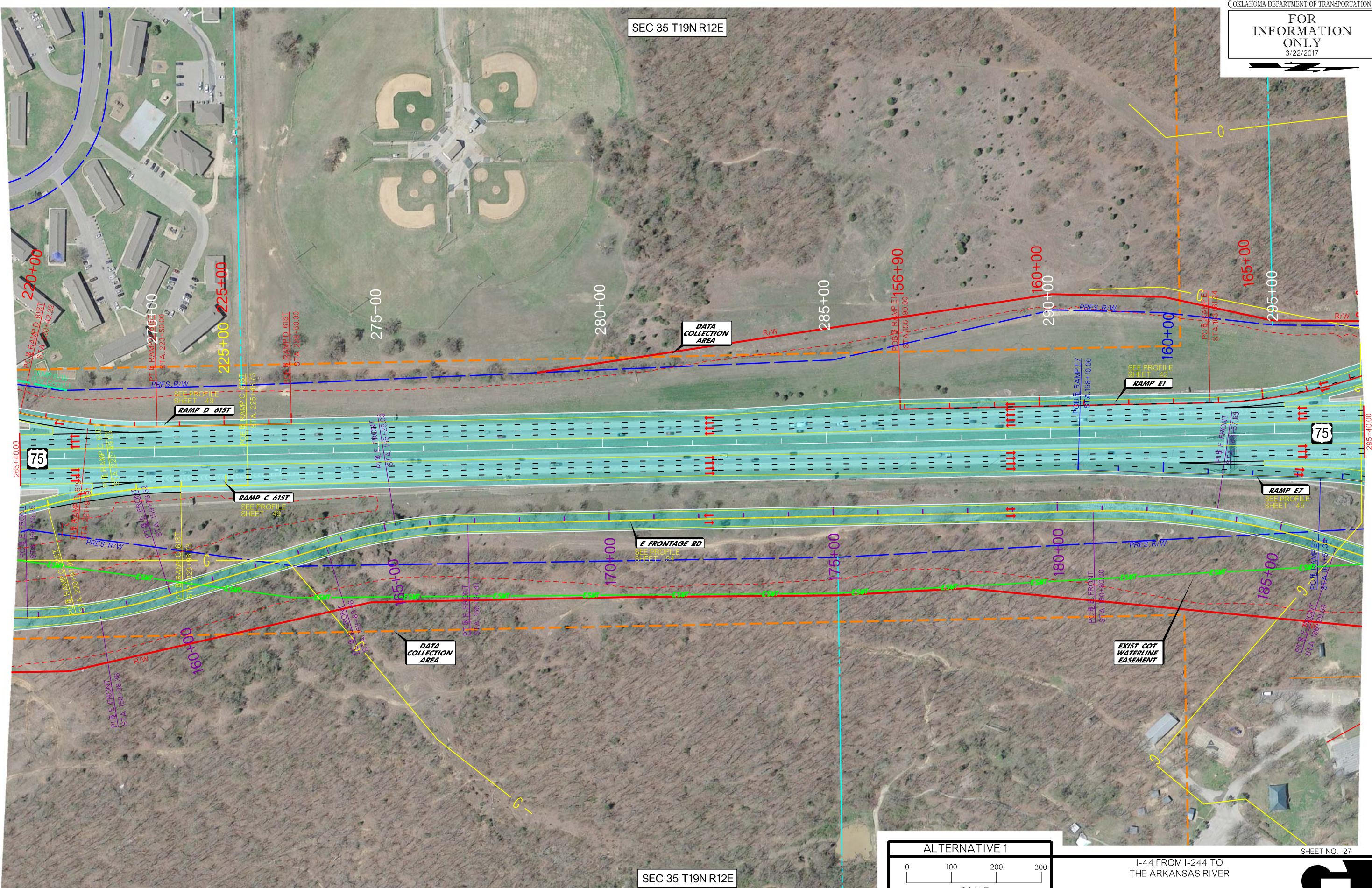
I-44 FROM I-244 TO THE ARKANSAS RIVER
US-75 MAINLINE PLAN
(SHEET 1 OF 4)

SHEET NO. 26



SEC 35 T19N R12E

SEC 35 T19N R12E



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LEGEND	
	POWER LINE
	FIBER OPTIC
	GAS LINE
	TELEPHONE UNDERGROUND
	WATER
	OIL LINE
	POWER UNDERGROUND
	SANITARY SEWER
	OVERHEAD TELEPHONE LINE
	EXISTING RIGHT-OF-WAY
	PROPERTY LINE
	PROPOSED RIGHT-OF-WAY
	DATA COLLECTION AREA
	STREAM FLOWLINE
	TEMP RIGHT-OF-WAY
	UTILITY EASEMENT
	UST/AST SITE
	POTENTIAL HAZARDOUS MATERIALS SITE
	LUST/LAST SITE
	FLOODPLAIN ZONE AE
	FLOODWAY ZONE AE
	TRAFFIC MIXTURE

ALTERNATIVE 1

SCALE

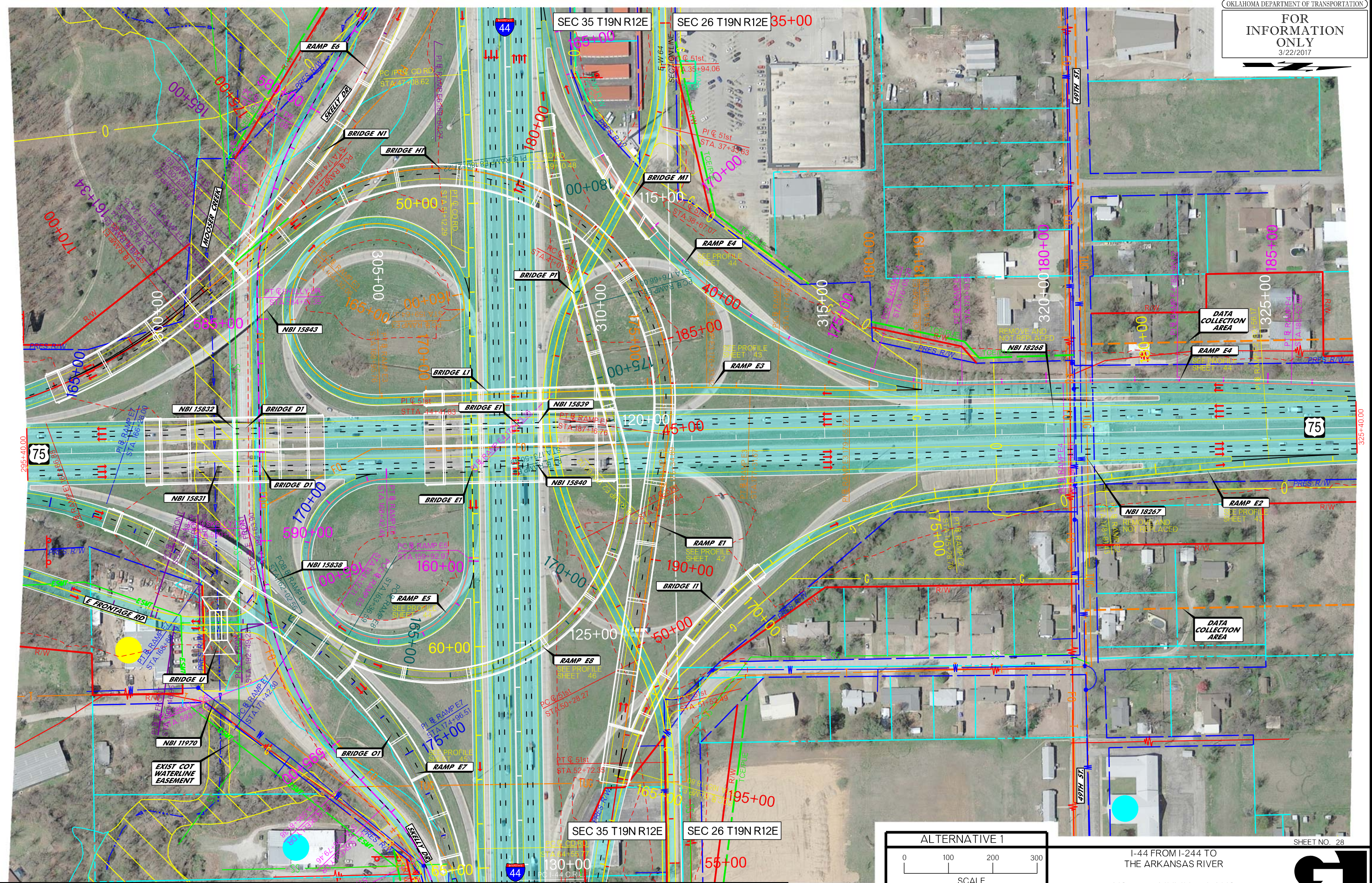
Oklahoma Department of Transportation

I-44 FROM I-244 TO THE ARKANSAS RIVER

US-75 MAINLINE PLANS (SHEET 2 OF 4)

SHEET NO. 27

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LEGEND

POWERLINE	WATER	OVERHEAD TELEPHONE LINE	DATA COLLECTION AREA	UST/AST SITE	FLOODPLAIN ZONE AE
FIBER OPTIC	OIL LINE	EXISTING RIGHT-OF-WAY	STREAM FLOWLINE	POTENTIAL HAZARDOUS MATERIALS SITE	FLOODWAY ZONE AE
GAS LINE	POWER UNDERGROUND	PROPERTY LINE	TEMP RIGHT-OF-WAY	LUST/LAST SITE	TRADE FIXTURE
TELEPHONE UNDERGROUND	SANITARY SEWER	PROPOSED RIGHT-OF-WAY	UTILITY EASEMENT		

ALTERNATIVE 1

SCALE

Oklahoma Department of Transportation

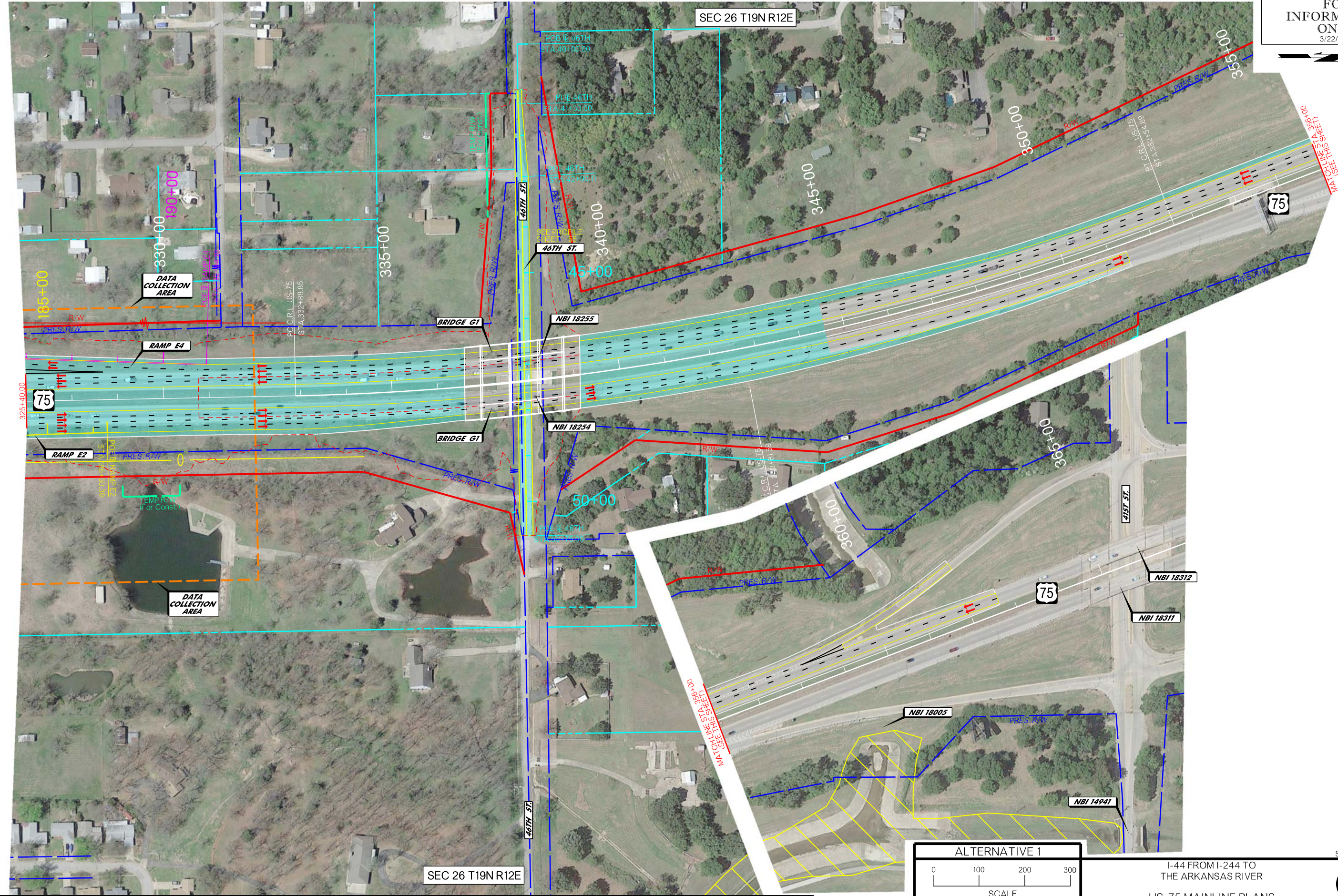
I-44 FROM I-244 TO THE ARKANSAS RIVER

US-75 MAINLINE PLANS (SHEET 3 OF 4)

SHEET NO. 28



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LEGEND

- POWERLINE
- FIBER OPTIC
- GAS LINE
- TELEPHONE UNDERGROUND
- WATER
- OIL LINE
- PUG POWER UNDERGROUND
- SANITARY SEWER
- OVERHEAD TELEPHONE LINE
- EXISTING RIGHT-OF-WAY
- PROPERTY LINE
- PROPOSED RIGHT-OF-WAY
- DATA COLLECTION AREA
- STREAM FLOWLINE
- TEMP RIGHT-OF-WAY
- UTILITY EASEMENT
- UST/AST SITE
- POTENTIAL HAZARDOUS MATERIALS SITE
- LUST/LAST SITE
- FLOODPLAIN ZONE AE
- FLOODWAY ZONE AE
- TRADE FIXTURE

ALTERNATIVE 1

SCALE

Oklahoma Department of Transportation

I-44 FROM I-244 TO THE ARKANSAS RIVER

US-75 MAINLINE PLANS (SHEET 4 OF 4)

SHEET NO. 29

ALTERNATIVE 1: I-44															
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL						VERTICAL			DESIGN SPEED (MPH)	
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)		
	POB	39+50.00													
I-44-1	PI	133+88.00	2864.79	14°01'30.00" LT	2°00'00.00"	701.25	352.39	21.59	0.06	0.050	65	65	194.85 (65)	99.38 (50-SSD) (65-Comfort)	65
I-44-2	PI	149+45.13	2864.79	13°44'17.06" RT	2°00'00.00"	686.90	345.11	20.71	0.06	0.050	65				
	POE	188+60.87													

ALTERNATIVE 1: US-75															
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL						VERTICAL			DESIGN SPEED (MPH)	
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)		
	POB	100+00.84													
US-75-1	PI	148+60.46	34350.32	11°15'36.86" LT	0°10'00.47"	6750.81	3386.31	166.51	0.06	NC	65	65	684.92 (80)	165.48 (65)	65
US-75-2	PI	342+81.59	5741.46	19°37'11.03" LT	0°59'52.55"	1966.04	992.74	85.19	0.06	0.030	65				
	POE	384+93.41													

ALTERNATIVE 1: W001 (WB I-44 TO CONTINUE WB I-44)															
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL						VERTICAL			DESIGN SPEED (MPH)	
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)		
	POB	321+99.88													
W-1-1	PI	334+61.26	954.93	33°12'51.11" RT	6°00'00.00"	553.57	284.81	41.57	0.06	0.060	50	55	116.94 (55)	N/A	50
W-1-2	PI	339+61.78	1145.92	22°52'00.74" RT	5°00'00.00"	457.34	231.75	23.20	0.06	0.058	50				
	POE	A39+50.00													

ALTERNATIVE 1: W002 (EB I-44 TO CONTINUE EB I-44)															
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL						VERTICAL			DESIGN SPEED (MPH)	
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)		
	POB	325+96.20													
W-2-1	PI	327+63.34	1637.02	11°39'33.65" RT	3°30'00.00"	333.12	167.14	8.51	0.06	0.050	50	50	94.04 (50)	N/A	50
W-2-2	PI	335+34.30	1432.39	29°12'52.78" RT	4°00'00.00"	730.37	373.31	47.85	0.06	0.052	50				
W-2-3	PI	346+41.07	2864.79	12°38'23.57" RT	2°00'00.00"	631.99	317.28	17.52	0.06	0.036	50				
	POE	351+73.35													

ALTERNATIVE 1: W004 (WB I-44 TO GILCREASE EXPY)															
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL						VERTICAL			DESIGN SPEED (MPH)	
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)		
	POB	14+40.88													
W-4-1	PI	15+93.28	1909.86	9°07'29.03" LT	3°00'00.00"	304.16	152.40	6.07	0.06	0.046	50	N/A	N/A	N/A	50
W-4-2	PI	21+53.75	1909.86	12°52'38.06" RT	3°00'00.00"	429.24	215.53	12.12	0.06	0.046	50				
	POE	33+80.97													

ALTERNATIVE 1: W005 (GILCREASE EXPY TO EB I-44)															
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL						VERTICAL			DESIGN SPEED (MPH)	
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)		
	POB	14+68.21													
W-5-1	PI	16+48.27	2291.83	8°59'03.96" RT	2°30'00.00"	359.38	180.06	7.06	0.06	0.042	50	55	128.68 (55)	N/A	50
W-5-2	PI	23+71.64	1909.86	12°53'47.91" LT	3°00'00.00"	429.89	215.86	12.16	0.06	0.046	50				
W-5-3	PI	29+57.24	5729.58	5°14'06.43" LT	1°00'00.00"	523.51	261.94	5.98	0.06	RC	50				
W-5-4	PI	34+47.97	2864.79	9°08'48.87" RT	2°00'00.00"	457.35	229.16	9.15	0.06	0.036	50				
	POE	39+49.94													

ALTERNATIVE 1: W006 (WB I-44 TO EB I-244)															
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL						VERTICAL			DESIGN SPEED (MPH)	
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)		
	POB	20+48.16													
W-6-1	PI	23+17.01	2864.79	3°05'52.97" LT	2°00'00.00"	154.90	77.47	1.05	0.06	0.022	35	50	86.21 (50)	N/A	35
W-6-2	PI	26+18.37	381.97	60°44'46.80" LT	14°59'59.99"	404.98	223.86	60.77	0.06	0.060	35				
W-6-3	PI	31+60.79	381.97	57°45'09.99" LT	14°59'59.99"	385.02	210.65	54.24	0.06	0.060	35				
	POE	39+61.39													

ALTERNATIVE 1

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		GEOMETRIC SUMMARY SHEET (SHEET 1 OF 5)
CHECKED		
APPROVED		
SQUAD	GARVER	
COUNTY	TULSA	

ALTERNATIVE 1: RAMP E1 (WB I-44 TO SB US-75)														
CURVE NO.	EVENT STATIONS	HORIZONTAL								VERTICAL			DESIGN SPEED (MPH)	
		RADIUS (FEET)	DELTA	DEGREE	ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)		MIN SAG K (MPH)
	POB 156+90.00													
E-1-1	PI 167+66.88	1115.48	38°08'32.58" LT	5°08'11.07"	742.59	385.64	64.78	0.06	0.060	55	50	102.99 (50)	112.67 (50)	40
E-1-2	PI 188+13.48	524.93	37°45'18.05" RT	10°54'53.52"	1262.09	1358.81	931.75	0.06	0.060	40				
E-1-3	PI 201+33.09	2132.54	20°22'15.84" LT	2°41'12.25"	758.21	383.15	34.15	0.06	0.054	60				
	POE 210+50.72													

ALTERNATIVE 1: RAMP E2 (WB I-44 TO NB US-75)														
CURVE NO.	EVENT STATIONS	HORIZONTAL								VERTICAL			DESIGN SPEED (MPH)	
		RADIUS (FEET)	DELTA	DEGREE	ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)		MIN SAG K (MPH)
	POB 162+46.42													
E-2-1	PI 163+82.79	2132.54	7°19'04.89" RT	2°41'12.25"	272.38	136.37	4.36	0.06	0.054	60	65	196.3' (65)	214.43 (75)	50
E-2-2	PI 170+92.40	853.02	67°50'15.00" RT	6°43'00.63"	1009.96	573.61	174.93	0.06	0.060	50				
E-2-3	PI 182+56.17	8202.08	5°13'54.56" RT	0°41'54.79"	748.95	374.74	8.56	0.06	RC	60				
	POE 186+30.39													

ALTERNATIVE 1: RAMP E3 (SB US-75 TO EB I-44)														
CURVE NO.	EVENT STATIONS	HORIZONTAL								VERTICAL			DESIGN SPEED (MPH)	
		RADIUS (FEET)	DELTA	DEGREE	ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)		MIN SAG K (MPH)
	POB 159+64.37													
E-3-1	PI 164+46.09	196.85	135°32'47.66" LT	29°06'22.73"	465.69	481.72	323.54	0.06	0.058	25	50	147.78 (55)	107.92 (50)	25
E-3-2	PI 169+11.79	196.85	135°32'47.66" LT	29°06'22.73"	465.69	481.72	323.54	0.06	0.058	25				
E-3-3	PI 176+33.32	2952.75	3°49'05.98" RT	1°56'25.52"	196.78	98.43	1.64	0.06	0.026	40				
E-3-4	PI 179+55.72	5905.50	3°10'00.22" LT	0°58'12.76"	326.40	163.24	2.26	0.06	NC	40				
	POE 181+18.89													

ALTERNATIVE 1: RAMP E4 (SB US-75 TO WB I-44)														
CURVE NO.	EVENT STATIONS	HORIZONTAL								VERTICAL			DESIGN SPEED (MPH)	
		RADIUS (FEET)	DELTA	DEGREE	ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)		MIN SAG K (MPH)
	POB 160+69.77													
E-4-1	PI 170+61.26	1017.06	73°11'55.37" LT	5°38'00.53"	1299.35	755.32	249.79	0.06	0.060	50	55	285.88 (70)	134.46 (55)	40
E-4-2	PI 177+08.70	688.98	17°04'18.76" LT	8°18'57.92"	205.29	103.41	7.72	0.06	0.058	40				
E-4-3	PI 182+95.62	9842.50	2°59'44.23" RT	0°34'55.65"	514.60	257.36	3.36	0.06	RC	55				
	POE 190+94.19													

ALTERNATIVE 1: RAMP E5 (EB I-44 TO NB US-75)														
CURVE NO.	EVENT STATIONS	HORIZONTAL								VERTICAL			DESIGN SPEED (MPH)	
		RADIUS (FEET)	DELTA	DEGREE	ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)		MIN SAG K (MPH)
	POB 159+92.97													
E-5-1	PI 164+27.15	180.45	34°51'52.53" RT	31°45'08.43"	424.74	434.18	289.74	0.06	0.060	25	30	35.51 (35)	39.53 (30)	25
E-5-2	PI 168+51.89	180.45	34°51'52.53" RT	31°45'08.43"	424.74	434.18	289.74	0.06	0.060	25				
	POE 168+42.45													

ALTERNATIVE 1: RAMP E6 (EB I-44 TO SB US-75)														
CURVE NO.	EVENT STATIONS	HORIZONTAL								VERTICAL			DESIGN SPEED (MPH)	
		RADIUS (FEET)	DELTA	DEGREE	ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)		MIN SAG K (MPH)
	POB 161+34.34													
E-6-1	PI 162+21.95	2952.75	3°23'55.57" LT	1°56'25.52"	175.16	87.60	1.30	0.06	0.044	60	50	85.08 (50)	61.74 (35-SSD) (50-Comfort)	50
E-6-2	PI 169+60.27	1640.42	43°16'37.00" LT	3°29'33.93"	1239.05	650.76	124.37	0.06	0.054	55				
	POE 177+84.66													

ALTERNATIVE 1: RAMP E7 (NB US-75 TO EB I-44)														
CURVE NO.	EVENT STATIONS	HORIZONTAL								VERTICAL			DESIGN SPEED (MPH)	
		RADIUS (FEET)	DELTA	DEGREE	ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)		MIN SAG K (MPH)
	POB 158+10.00													
E-7-1	PI 166+28.00	918.63	33°31'17.35" RT	6°14'13.44"	537.46	276.67	40.76	0.06	0.056	45	50	707.63 (80)	111.85 (50)	45
E-7-2	PI 174+96.51	853.02	45°06'03.36" RT	6°43'00.63"	671.46	354.21	70.62	0.06	0.060	50				
E-7-3	PI 184+05.06	2952.75	6°48'47.19" LT	1°56'25.52"	351.11	175.76	5.23	0.06	0.044	60				
E-7-4	PI 193+26.79	2801.79	3°05'15.68" RT	2°02'41.89"	150.99	75.51	1.02	0.06	0.052	65				
	POE 194+02.27													

ALTERNATIVE 1

DESIGN			OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN			GEOMETRIC SUMMARY SHEET (SHEET 2 OF 5)
CHECKED			
APPROVED			
SQUAD	GARVER		
COUNTY	TULSA	HIGHWAY	I-44
STATE JOB NO.	32728(04)	SHEET NO.	31

ALTERNATIVE 1: RAMP H2 (RIVER BRIDGE EB ON RAMP)															
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL						VERTICAL				DESIGN SPEED
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	V _{design} (MPH)	
	POB	0+00.00													
H-2-1	PI	6+27.95	4680.00	3°56'52.56" RT	1°13'27.37"	322.47	161.30	2.78	0.06	0.022	45	45	131.58 (55)	85.11 (45)	45
	POE	20+53.22													

ALTERNATIVE 1: RAMP A 61ST (61ST SB ON RAMP)															
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL						VERTICAL				DESIGN SPEED
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	V _{design} (MPH)	
	POB	198+00.00													
A-1	PI	202+39.30	1273.24	12°29'15.82" LT	4°30'00.00"	277.51	139.30	7.60	0.06	0.056	50	50	357.14 (75)	106.38 (50)	40
A-2	PI	211+07.31	532.98	12°45'10.78" RT	10°45'00.00"	118.63	59.56	3.32	0.06	0.060	40				
	POE	212+23.37													

ALTERNATIVE 1: RAMP B 61ST (61ST NB OFF RAMP)															
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL						VERTICAL				DESIGN SPEED
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	V _{design} (MPH)	
	POB	196+85.00													
B-1	PI	202+82.34	1273.24	26°17'22.22" RT	4°30'00.00"	584.21	297.34	34.26	0.06	0.056	50	50	158.73 (60)	105.63 (50)	40
B-2	PI	209+43.04	532.98	26°07'42.85" LT	10°45'00.00"	243.06	123.68	14.16	0.06	0.060	40				
	POE	212+59.21													

ALTERNATIVE 1: RAMP C 61ST (61ST NB ON RAMP)															
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL						VERTICAL				DESIGN SPEED
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	V _{design} (MPH)	
	POB	216+15.91													
C-1	PI	218+29.67	150.00	46°18'06.71" RT	38°11'49.87"	121.22	64.14	13.14	0.06	0.060	25	55	N/A	121.95 (55)	25
C-2	PI	222+49.03	1273.24	13°32'13.92" RT	4°30'00.00"	300.83	151.12	8.94	0.06	0.056	50				
	POE	225+48.73													

ALTERNATIVE 1: RAMP D 61ST (61ST SB OFF RAMP)															
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL						VERTICAL				DESIGN SPEED
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	V _{design} (MPH)	
	POB	211+83.88													
D-1	PI	214+19.00	532.98	13°34'48.84" RT	10°45'00.00"	126.33	63.46	3.76	0.06	0.056	35	50	333.33 (75)	102.04 (50)	30
D-2	PI	221+96.91	1273.24	13°50'43.80" LT	4°30'00.00"	307.68	154.59	9.35	0.06	0.056	50				
	POE	226+50.00													

ALTERNATIVE 1: CD ROAD															
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL						VERTICAL				DESIGN SPEED
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	V _{design} (MPH)	
	POB	30+99.88													
CD-1	PI	42+32.43	9842.50	5°32'53.90" LT	0°34'55.65"	953.11	476.93	11.55	0.06	RC	55	40	59.25 (40)	74.36 (40)	40
CD-2	PI	49+10.48	9842.50	2°20'59.62" RT	0°34'55.65"	403.67	201.87	2.07	0.06	RC	55				
CD-3	PI	67+68.11	2624.67	13°34'21.69" LT	2°10'58.70"	621.75	312.34	18.52	0.06	0.052	65				
	POE	78+12.33													

ALTERNATIVE 1: 61ST STREET															
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL						VERTICAL				DESIGN SPEED
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	V _{design} (MPH)	
	POB	10+00.00													
	POE	20+77.33										40	44.44 (40)	70.59 (40)	40

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ALTERNATIVE 1

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		
CHECKED		
APPROVED		
SQUAD	GARVER	GEOMETRIC SUMMARY SHEET (SHEET 4 OF 5)
COUNTY	TULSA	HIGHWAY 1-44 STATE JOB NO. 32728(04) SHEET NO. 33

ALTERNATIVE 1: 51ST STREET (UNDER US-75)															
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL						VERTICAL			DESIGN SPEED	
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	V _{design} (MPH)	
	POB	20+00.00													
51-75-1	PI	37+33.63	533.00	29°20'51.44" RT	10°44'58.84"	273.01	139.57	17.97	LSU	0.040	40	40	44.83 (40)	64.00 (40)	40
51-75-2	PI	44+41.83	650.00	55°17'48.69" LT	8°48'53.05"	627.32	340.51	83.79	LSU	RC	40				
51-75-3	PI	51+52.49	533.00	26°14'14.68" RT	10°44'58.84"	244.08	124.22	14.28	LSU	0.040	40				
51-75-4	PI	69+03.46	954.93	20°19'24.05" LT	6°00'00.00"	338.72	171.16	15.22	LSU	NC	40				
	POE	70+71.02													

ALTERNATIVE 1: 51ST STREET (UNDER I-44)															
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL						VERTICAL			DESIGN SPEED	
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	V _{design} (MPH)	
	POB	77+61.71													
51-44-1	PI	79+32.91	954.93	20°19'42.99" RT	6°00'00.00"	338.81	171.20	15.23	LSU	NC	40	30	32.26 (35)	48.39 (30)	30
51-44-2	PI	87+93.19	250.00	90°00'01.29" RT	22°55'05.92"	392.70	250.00	103.55	LSU	0.040	30				
51-44-3	PI	93+76.32	250.00	87°04'56.01" RT	22°55'05.92"	379.97	237.58	94.88	LSU	0.040	30				
	POE	98+62.15													

ALTERNATIVE 1: EAST FRONTAGE ROAD															
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL						VERTICAL			DESIGN SPEED	
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	V _{design} (MPH)	
	POB	148+24.52													
FT-1-1	PI	158+38.36	1148.29	16°10'12.07" LT	4°59'22.72"	324.07	163.12	11.53	0.06	0.046	40	40	252.96 (70)	69.81 (40)	35
FT-1-2	PI	165+25.03	1148.29	16°00'33.08" RT	4°59'22.72"	320.85	161.48	11.30	0.06	0.046	40				
FT-1-3	PI	183+57.55	1637.02	19°14'44.53" RT	3°30'00.00"	549.88	277.55	23.36	0.06	0.038	40				
FT-1-4	PI	190+46.05	340.00	19°07'47.80" LT	16°51'06.12"	340.00	57.29	4.79	0.06	0.060	35				
	POE	192+63.90													

ALTERNATIVE 1: 33RD WEST AVENUE															
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL						VERTICAL			DESIGN SPEED	
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	V _{design} (MPH)	
	POB	107+00.00													
	POE	113+05.04										30	21.88 (30)	37.96 (30)	30

ALTERNATIVE 1: 46TH STREET															
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL						VERTICAL			DESIGN SPEED	
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	V _{design} (MPH)	
	POB	40+00.00													
	POE	50+75.00										35	29.09 (35)	93.75 (45)	35

ALTERNATIVE 1: SKELLY															
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL						VERTICAL			DESIGN SPEED	
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	V _{design} (MPH)	
	POB	500+00.00													
SK-1	PI	510+49.57	2846.79	6°50'00.11" RT	2°00'00.00"	341.67	171.04	5.10	LSU	NC	40	40	46.88 (40)	64.71 (40)	25
SK-2	PI	514+94.27	1145.92	13°01'37.60" RT	5°00'00.00"	260.54	130.84	7.44	LSU	NC	40				
SK-3	PI	526+39.36	1145.92	3°13'05.62" LT	5°00'00.00"	64.36	32.19	0.45	LSU	NC	40				
SK-4	PI	529+98.78	763.94	11°33'31.89" LT	7°30'00.00"	154.12	77.32	3.90	LSU	NC	40				
SK-5	PI	535+97.57	1909.86	11°35'40.87" RT	3°00'00.00"	386.49	193.91	9.82	LSU	NC	40				
SK-6	PI	553+95.40	5729.58	3°26'02.13" RT	1°00'00.00"	343.39	171.75	2.57	LSU	NC	40				
SK-7	PI	560+91.13	1909.86	6°24'21.85" RT	3°00'00.00"	213.54	106.88	2.99	LSU	NC	40				
SK-8	PI	567+44.23	2864.79	9°45'47.98" LT	2°00'00.00"	488.17	244.68	10.43	LSU	NC	40				
SK-9	PI	576+12.12	485.00	30°04'34.97" RT	11°48'48.83"	254.59	130.30	17.20	LSU	0.060	40				
SK-10	PI	582+56.39	763.94	29°56'39.68" LT	7°30'00.00"	399.26	204.30	26.85	LSU	NC	40				
SK-11	PI	593+10.11	763.94	42°47'50.74" LT	7°30'00.00"	570.63	299.37	56.56	LSU	NC	40				
SK-12	PI	598+28.53	485.00	34°10'17.97" RT	11°48'48.83"	289.26	149.07	22.39	LSU	0.060	40				
SK-13	PI	605+32.29	2988.84	8°19'40.57" LT	1°55'01.17"	434.43	217.60	7.91	LSU	NC	40				
SK-14	PI	616+54.33	2624.67	12°44'58.43" RT	2°10'58.70"	584.05	293.23	16.33	LSU	NC	40				
SK-15	PI	620+80.71	164.00	79°09'22.76" RT	34°56'11.22"	226.57	135.57	48.78	LSU	0.024	25				
	POE	621+76.07													

ALTERNATIVE 1

DESIGN			OKLAHOMA DEPARTMENT OF TRANSPORTATION	
DRAWN			GEOMETRIC SUMMARY SHEET (SHEET 5 OF 5)	
CHECKED				
APPROVED				
SQUAD	GARVER			
COUNTY	TULSA	HIGHWAY		I-44
STATE JOB NO.		32728(04)	SHEET NO.	34

BRIDGE SUMMARY


BRIDGE NAME	ROUTE	BRIDGE LENGTH	NO. SPANS	BRIDGE WIDTH	SUPERSTRUCTURE TYPE
BRIDGE B	I-44	223'	3	134'-0"	STEEL GIRDER
BRIDGE C	UNION AVE.	259'	4	73'-4" (INCLUDES 2 - 7'-0" SIDEWALKS)	STEEL GIRDER
BRIDGE D1 (SB)	US 75	336'	4	71'-5"	PRESTRESSED CONCRETE BEAM
BRIDGE D1 (NB)	US 75	336'	4	71'-5"	PRESTRESSED CONCRETE BEAM
BRIDGE E1 (SB)	US 75	348'	3	71'-5"	PRESTRESSED CONCRETE BEAM
BRIDGE E1 (NB)	US 75	348'	3	83'-5"	PRESTRESSED CONCRETE BEAM
BRIDGE G1 (SB)	US 75	184'	3	83'-5"	PRESTRESSED CONCRETE BEAM
BRIDGE G1 (NB)	US 75	184'	3	71'-5"	PRESTRESSED CONCRETE BEAM
BRIDGE H1	RAMP E1	2659'	19	VARIES	STEEL GIRDER
BRIDGE I1	RAMP E2	435'	5	29'-0"	PRESTRESSED CONCRETE BEAM
BRIDGE J1	BRIDGE TO BE REMOVED				
BRIDGE L1	RAMP E3	348'	3	29'-0"	PRESTRESSED CONCRETE BEAM
BRIDGE M1	RAMP E4	142'	3	29'-0"	PRESTRESSED CONCRETE BEAM
BRIDGE N1	RAMP E6	721'	7	29'-0"	PRESTRESSED CONCRETE BEAM
BRIDGE O1	RAMP E7	1094'	11	VARIES	PRESTRESSED CONCRETE BEAM
BRIDGE P1	RAMP E8	1700'	12	29'-0"	STEEL GIRDER
BRIDGE R (WB)	I-44	210'	3	71'-6"	STEEL GIRDER
BRIDGE R (EB)	I-44	210'	3	VARIES	STEEL GIRDER
BRIDGE S	BRIDGE TO BE REMOVED				
BRIDGE T (WB)	I-44	2506'	25	VARIES	PRESTRESSED CONCRETE BEAM
BRIDGE T (EB)	I-44	2506'	25	VARIES	PRESTRESSED CONCRETE BEAM
BRIDGE U	EAST FRONTAGE ROAD				TRIPLE 12" X 8" RCB X 69'-0"
BRIDGE W	61ST STREET	255'	2	86'-4" (INCLUDES 1 - 7' & 1 - 12' SIDEWALKS)	STEEL GIRDER

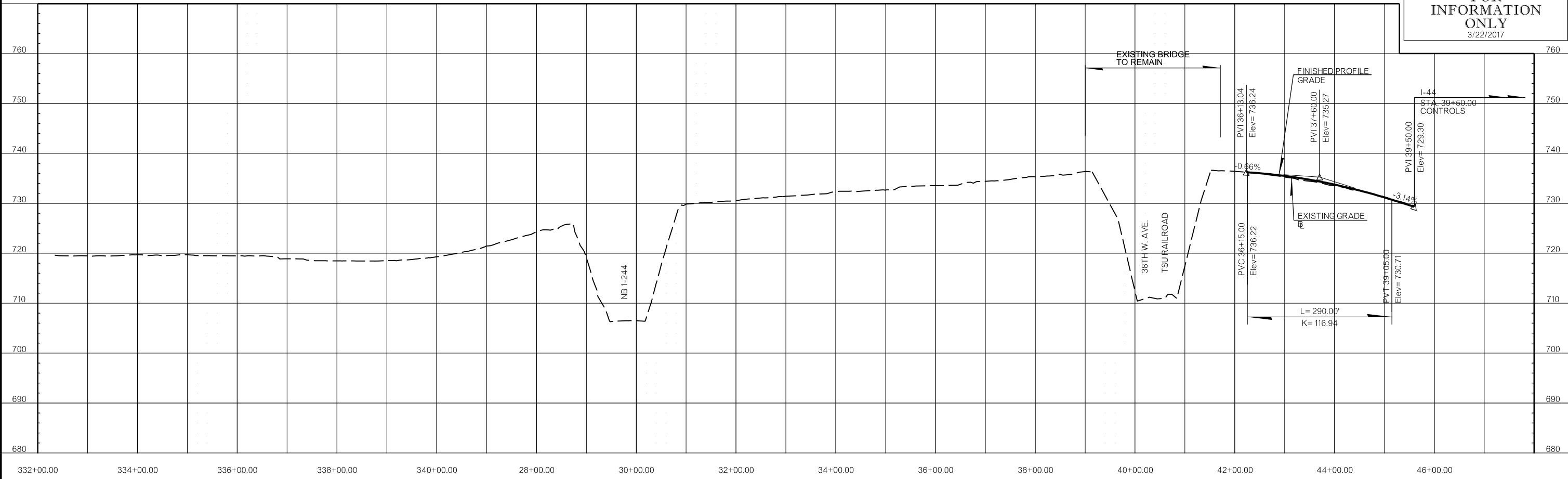
3/22/2017 10:25:37 AM L:\2016\16037070 - 000T EC-1780 144 from 1244 interchange\Drawings\BRIDGE\32728_TABLE.001.dgn

ALTERNATIVE 1 SHEET NO. 35

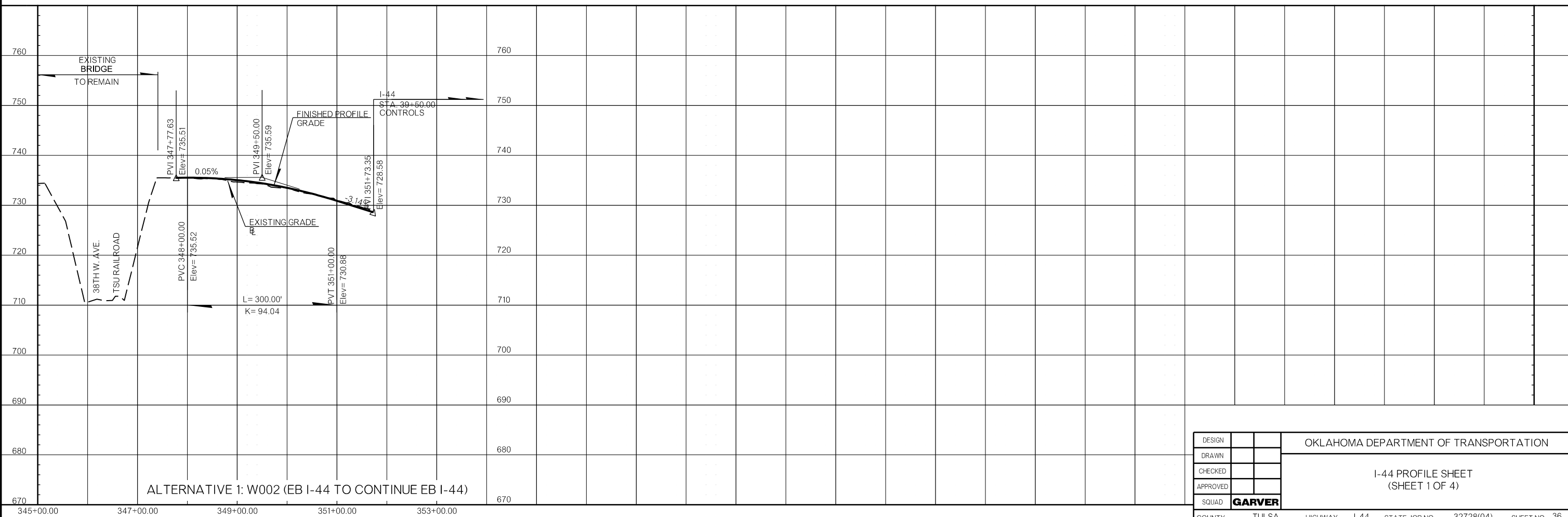
Oklahoma Department
of Transportation

I-44 FROM I-244 TO
THE ARKANSAS RIVER
BRIDGE SUMMARY SHEET





ALTERNATIVE 1: W001 (WB I-44 TO CONTINUE WB I-44)



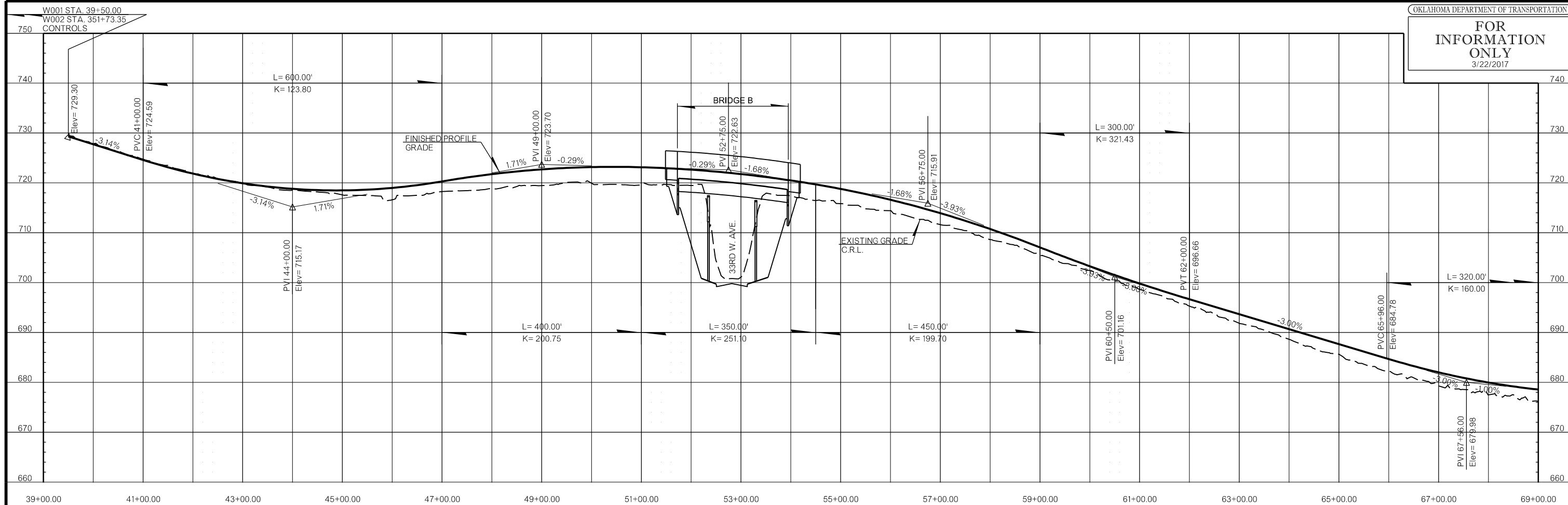
ALTERNATIVE 1: W002 (EB I-44 TO CONTINUE EB I-44)

3/22/2017 10:25:39 AM L:\2016\16037070 - 000T EC-1780 I44 from I244 Interchange\Drawings\32728-PRO_IL4.dgn

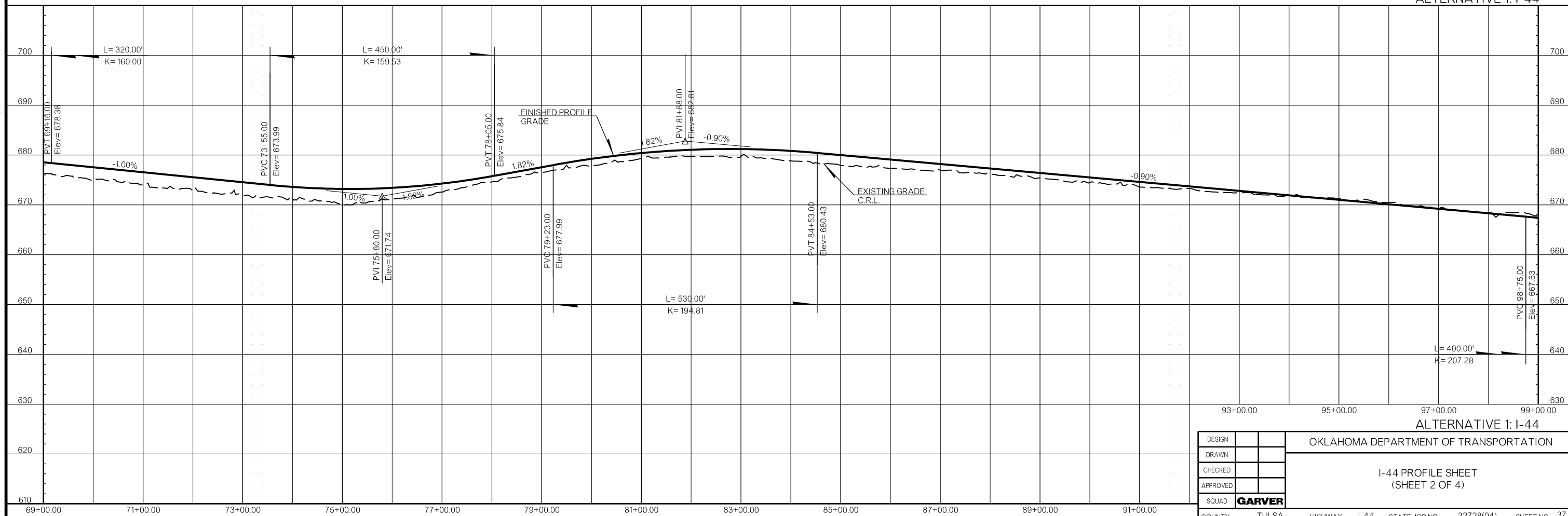
DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		
CHECKED		
APPROVED		
SQUAD	GARVER	
COUNTY TULSA		HIGHWAY I-44
		STATE JOB NO. 32728(04)
		SHEET NO. 36

I-44 PROFILE SHEET
(SHEET 1 OF 4)

FOR INFORMATION ONLY
3/22/2017



ALTERNATIVE 1: I-44



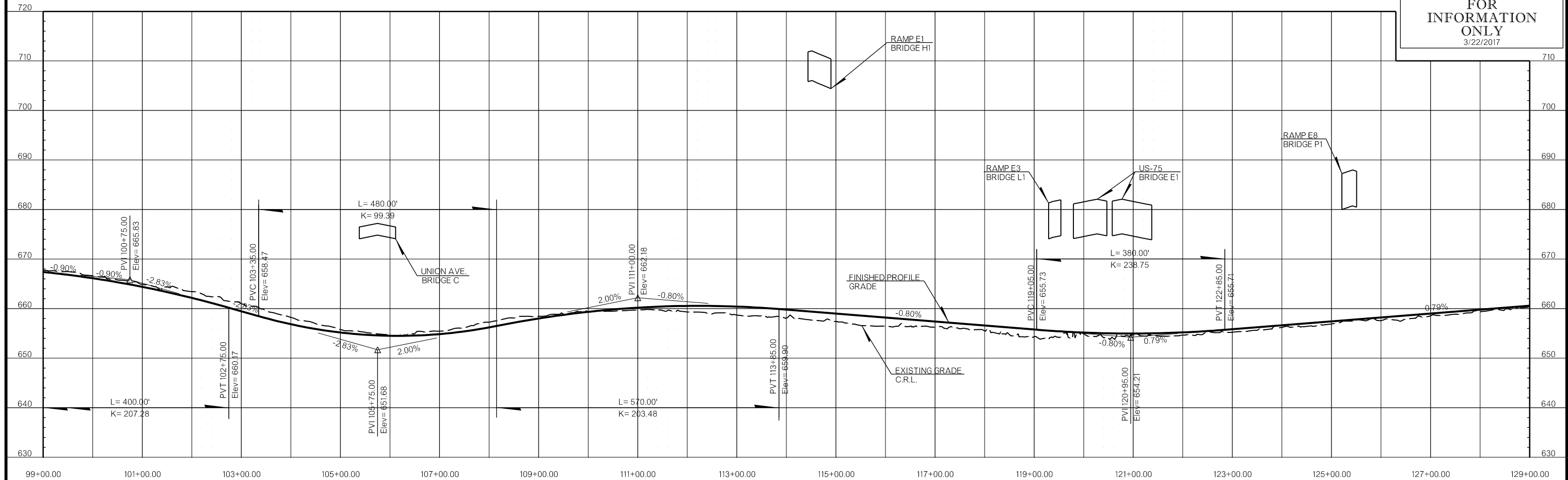
ALTERNATIVE 1: I-44

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		
CHECKED		
APPROVED		
SQUAD	GARVER	
COUNTY TULSA		HIGHWAY I-44
		STATE JOB NO. 32728(04)
		SHEET NO. 37

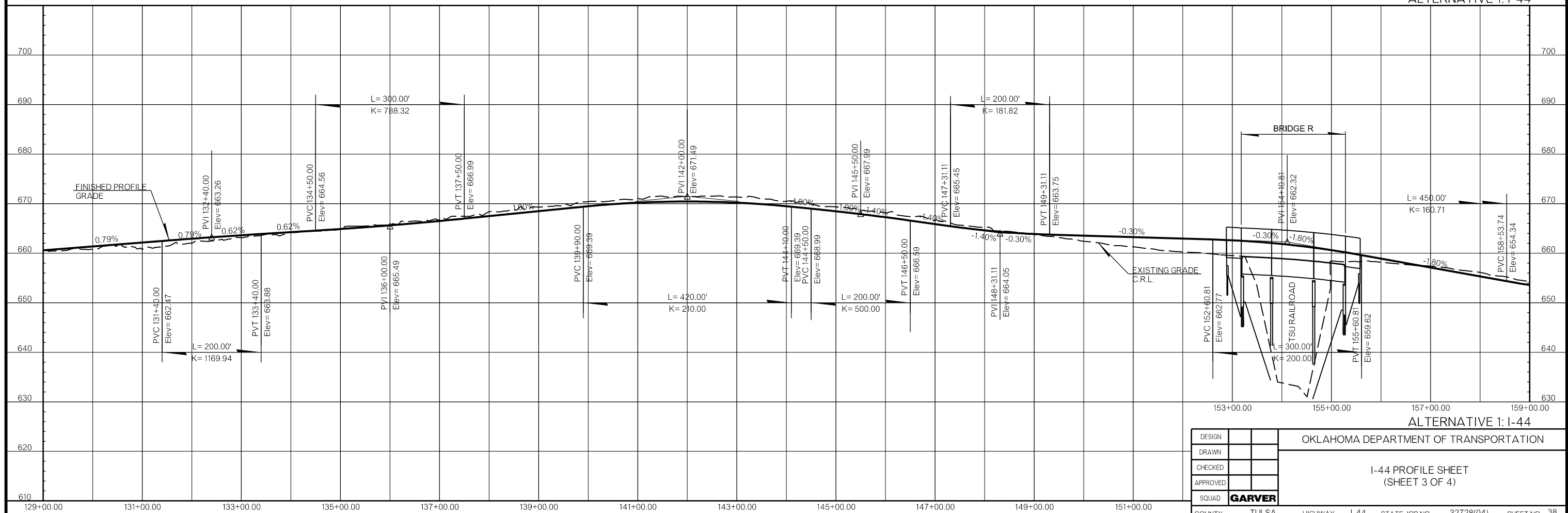
I-44 PROFILE SHEET
(SHEET 2 OF 4)

3/22/2017 10:25:40 AM L:\2016\16037070 - 000T EC-1780 I44 from I244 Interchange\Drawings\32728-PRO-01.dgn

FOR INFORMATION ONLY
3/22/2017



ALTERNATIVE 1: I-44

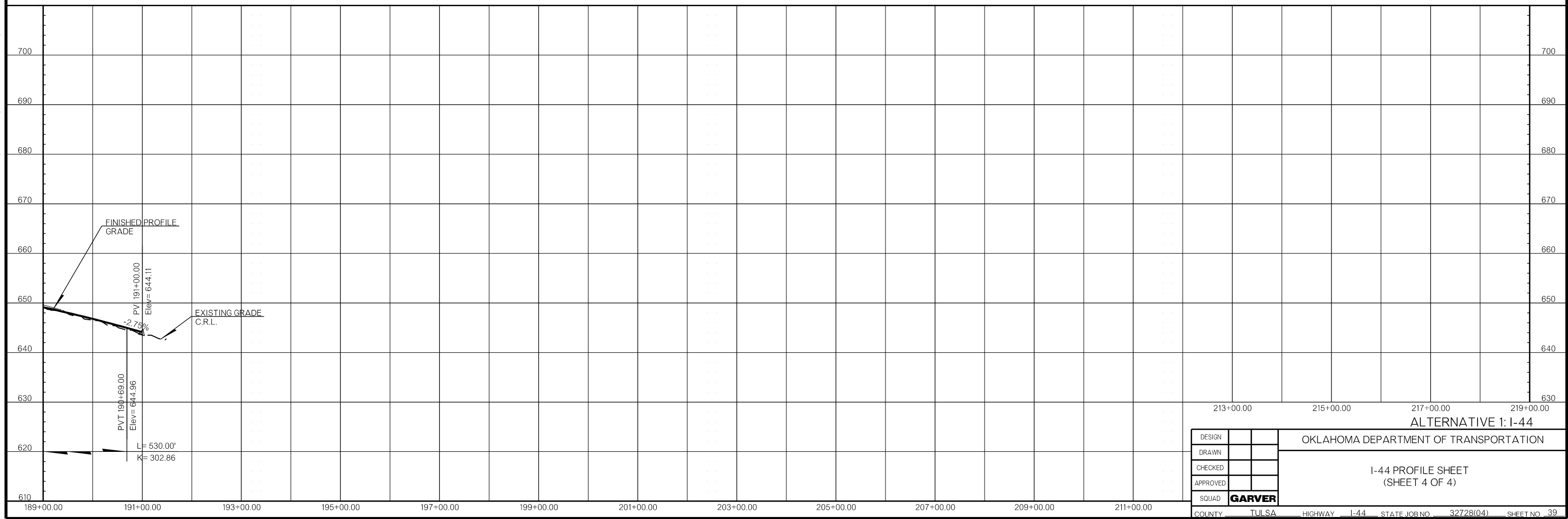
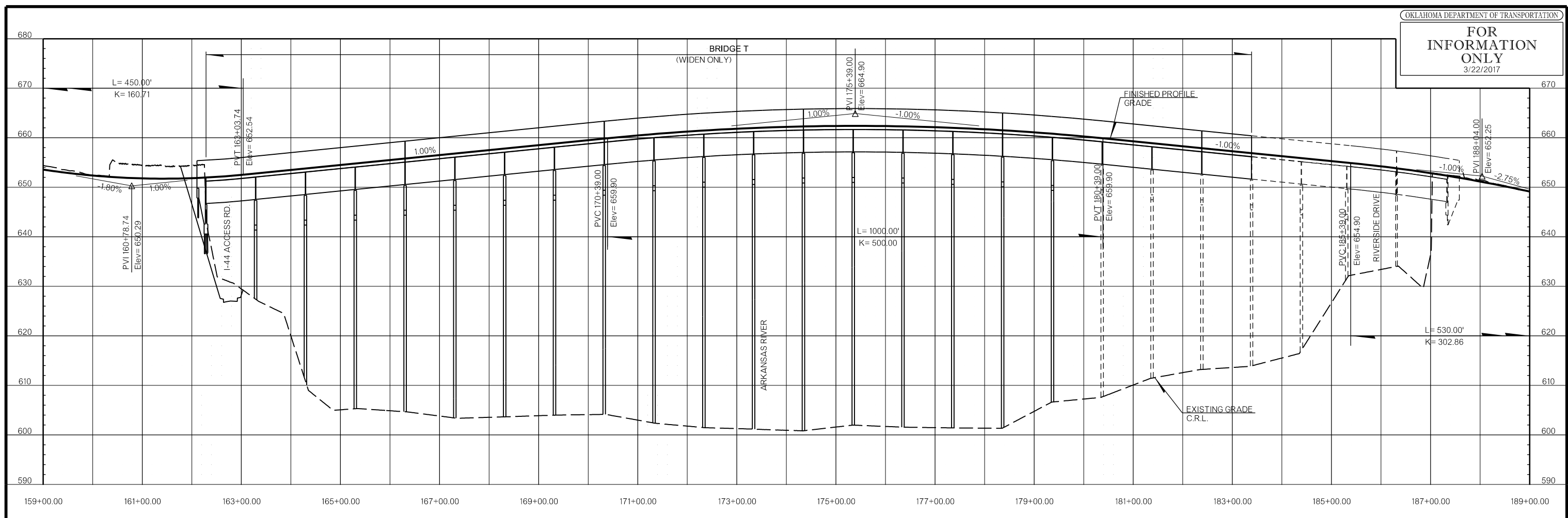


ALTERNATIVE 1: I-44

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		
CHECKED		
APPROVED		
SQUAD	GARVER	
COUNTY TULSA		HIGHWAY I-44
STATE JOB NO. 32728(04)		SHEET NO. 38

I-44 PROFILE SHEET
(SHEET 3 OF 4)

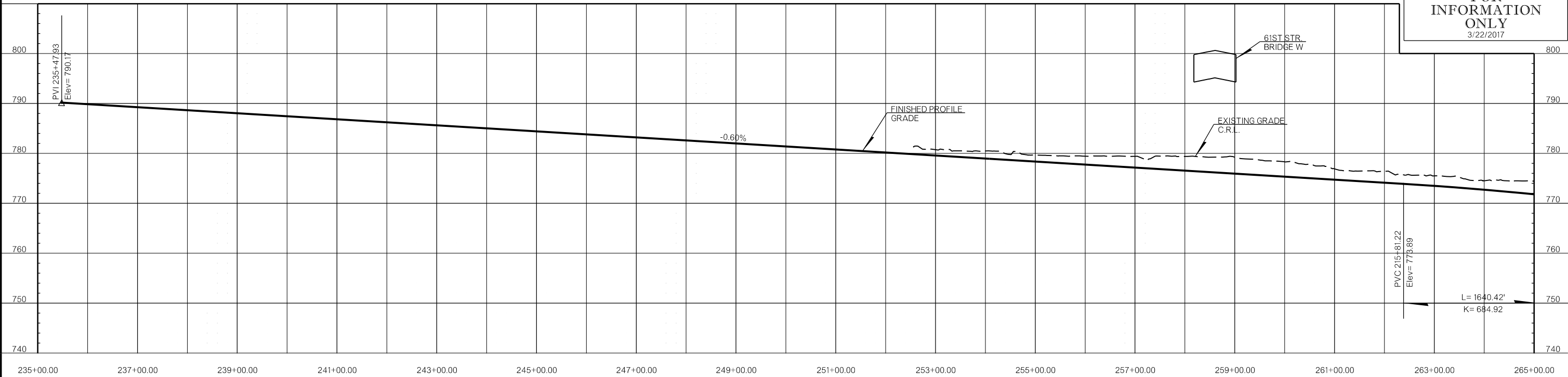
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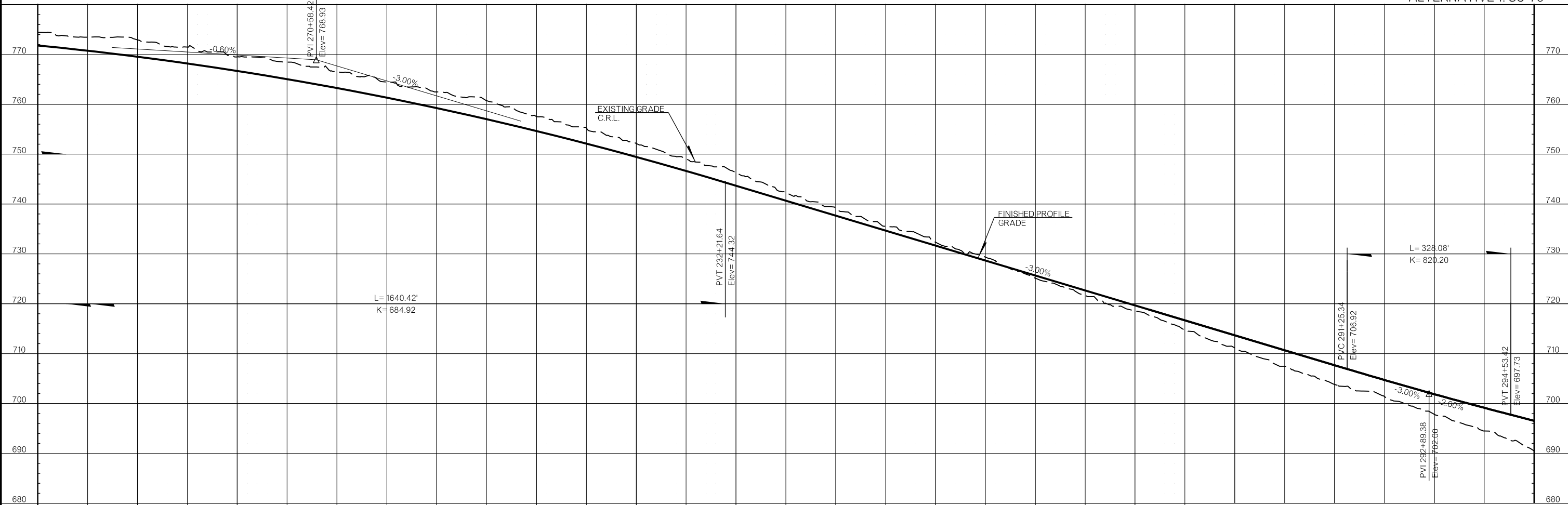
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DESIGN	
DRAWN	
CHECKED	
APPROVED	
SQUAD	GARVER

OKLAHOMA DEPARTMENT OF TRANSPORTATION
I-44 PROFILE SHEET
 (SHEET 4 OF 4)
 COUNTY TULSA HIGHWAY I-44 STATE JOB NO. 32728(04) SHEET NO. 39



ALTERNATIVE 1: US-75

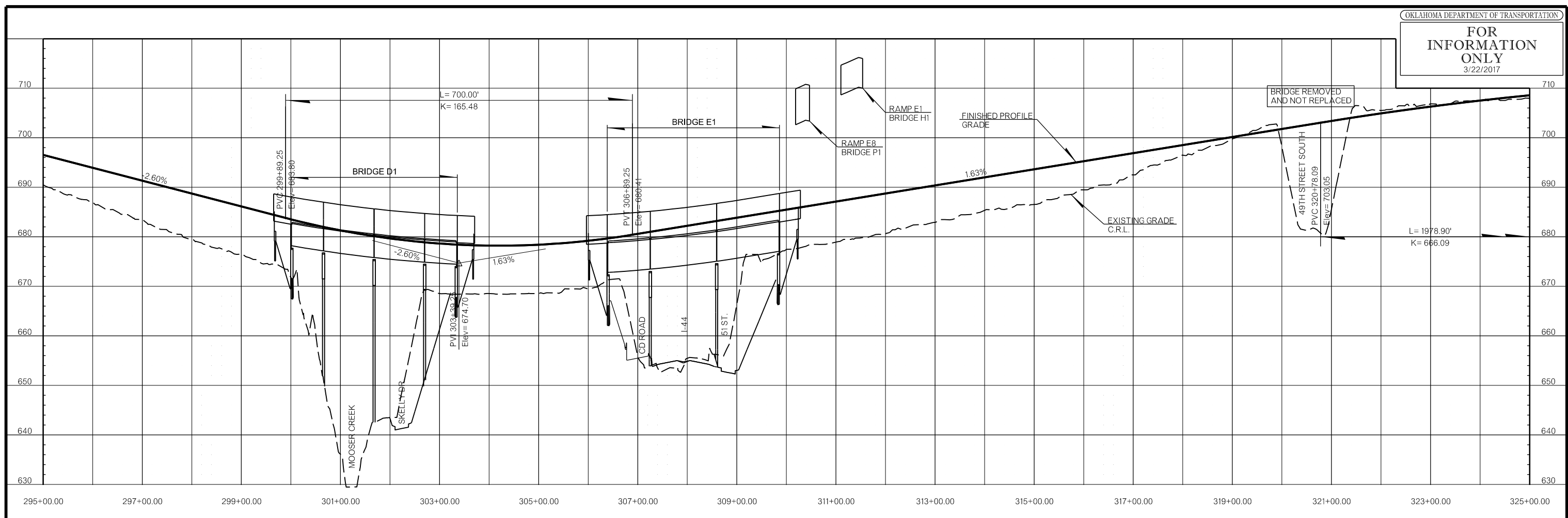


ALTERNATIVE 1: US-75

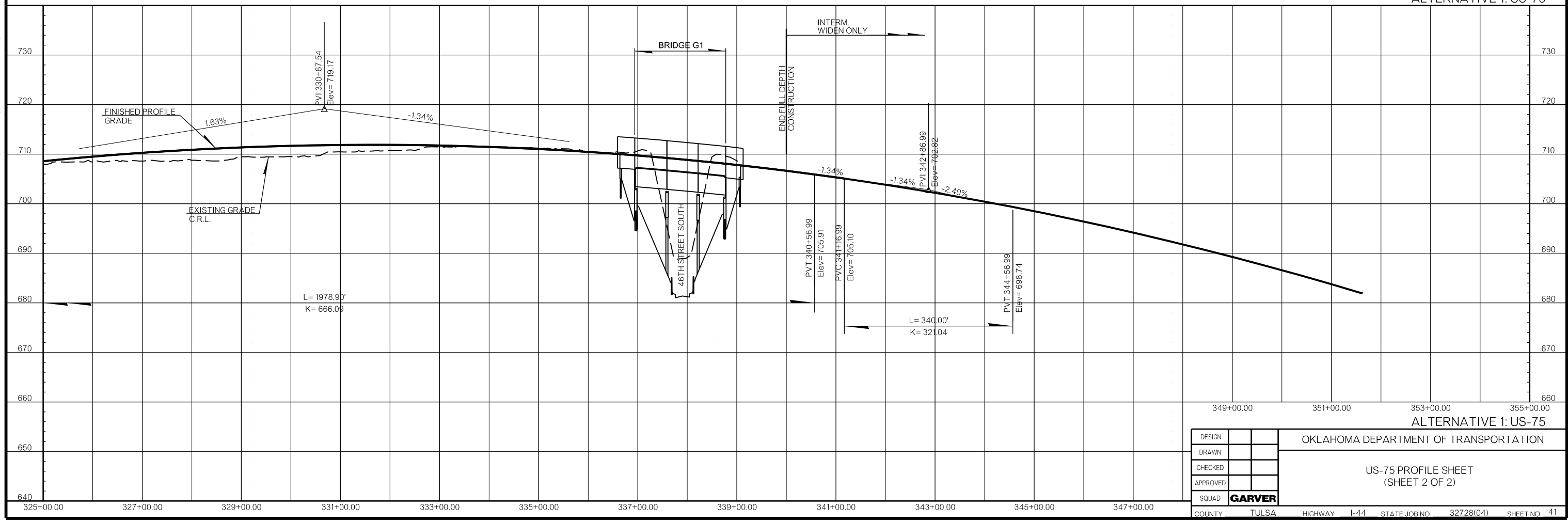
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DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		
CHECKED		
APPROVED		
SQUAD	GARVER	
COUNTY TULSA		HIGHWAY I-44
		STATE JOB NO. 32728(04)
		SHEET NO. 40

US-75 PROFILE SHEET
(SHEET 1 OF 2)



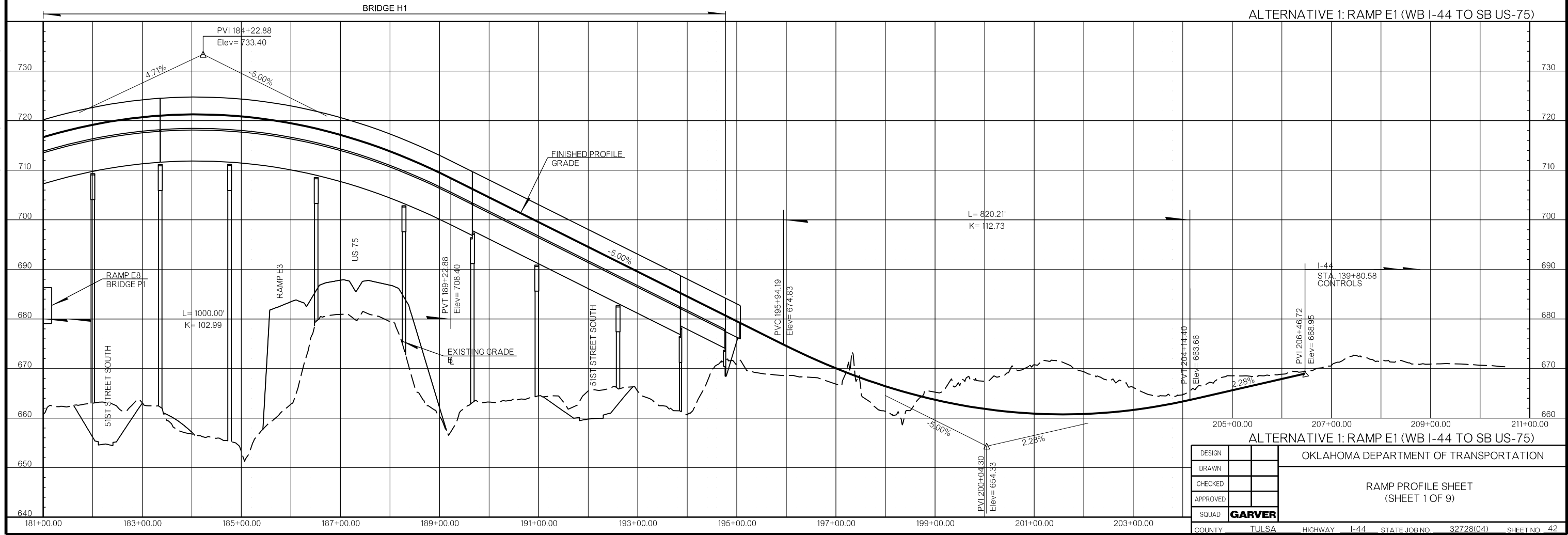
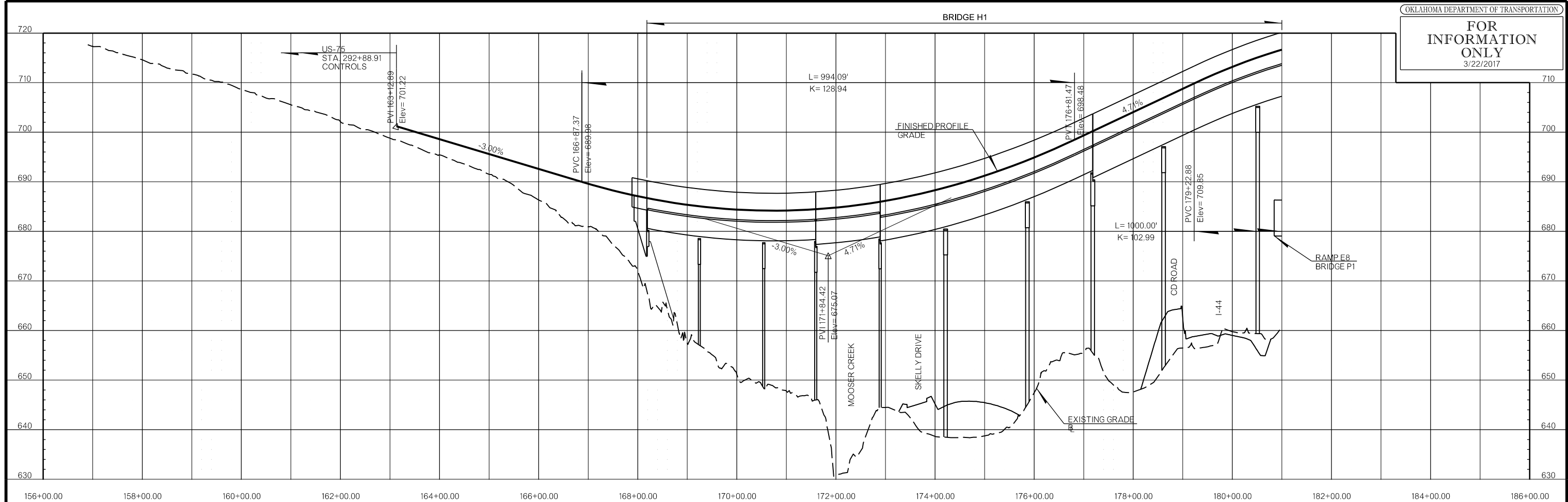
ALTERNATIVE 1: US-75



ALTERNATIVE 1: US-75

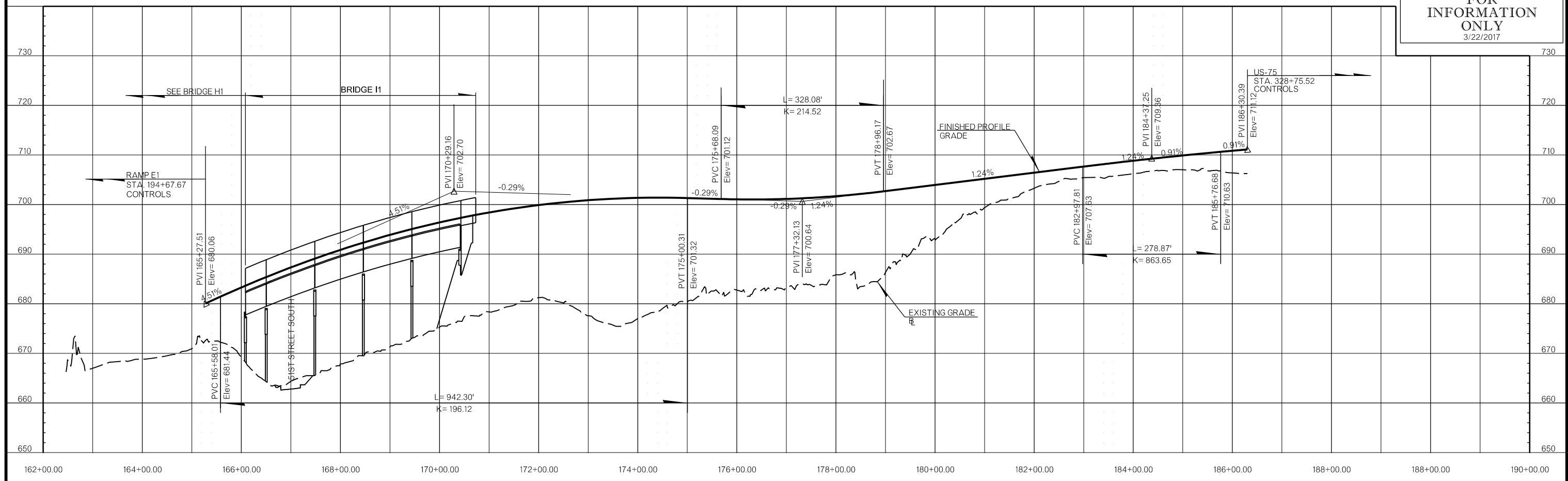
DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION US-75 PROFILE SHEET (SHEET 2 OF 2) GARVER
DRAWN		
CHECKED		
APPROVED		
SQUAD		
COUNTY	TULSA	HIGHWAY I-44 STATE JOB NO. 32728(04) SHEET NO. 41

3/22/2017 10:25:44 AM L:\2016\16037070 - 000T EC-1780 144 from 1244 Interchange Drawings\32728-PRO.dwg

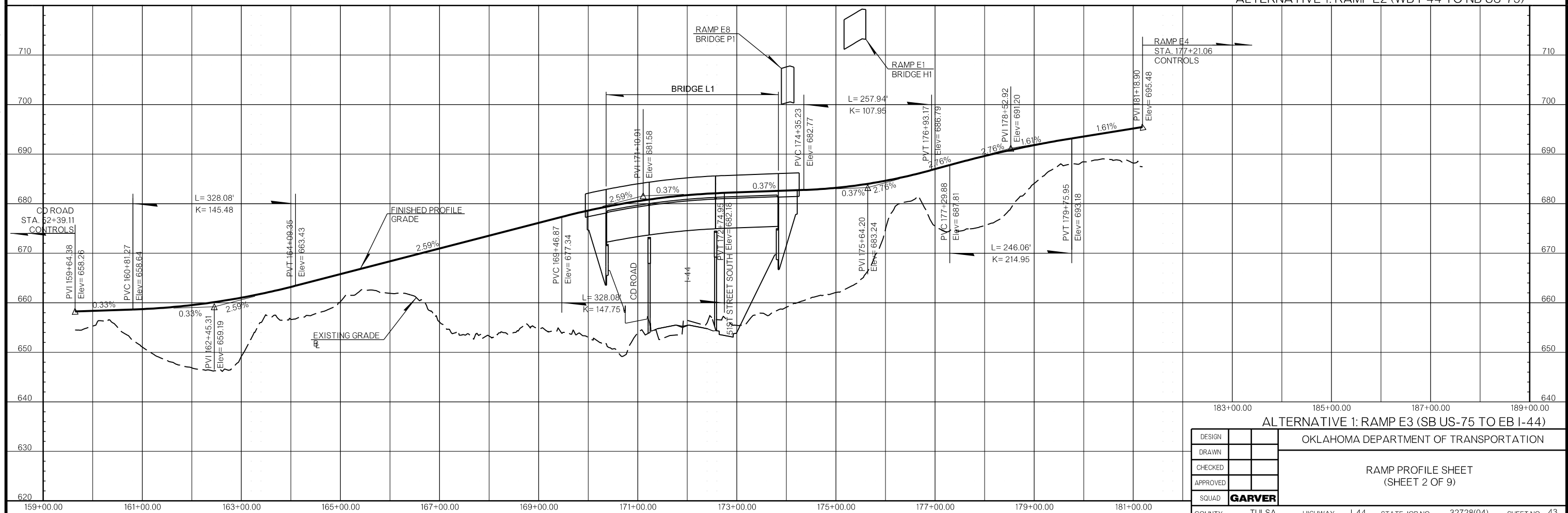


3/22/2017 10:25:45 AM L:\2016\16037070 - 000T EC-1780 I44 from I244 Interchange Drawings\32728-PRO-104.dgn

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION RAMP PROFILE SHEET (SHEET 1 OF 9) GARVER
DRAWN		
CHECKED		
APPROVED		
SQUAD		
COUNTY TULSA HIGHWAY I-44 STATE JOB NO. 32728(04) SHEET NO. 42		



ALTERNATIVE 1: RAMP E2 (WB I-44 TO NB US-75)



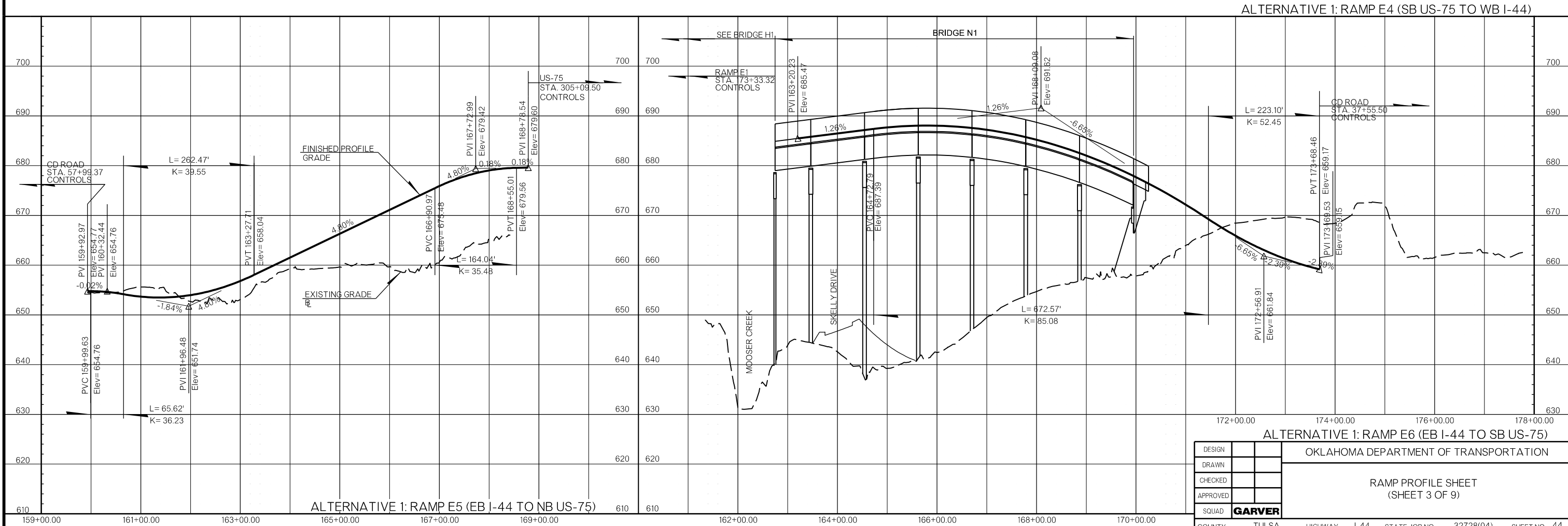
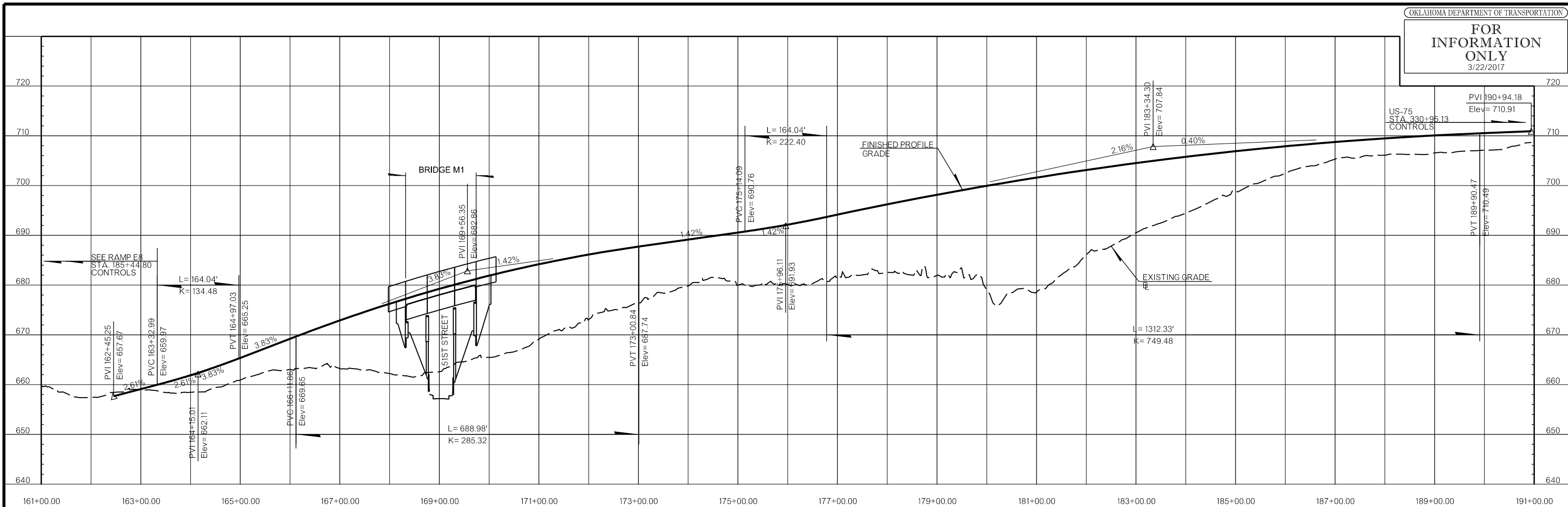
ALTERNATIVE 1: RAMP E3 (SB US-75 TO EB I-44)

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		
CHECKED		
APPROVED		
SQUAD	GARVER	

RAMP PROFILE SHEET
(SHEET 2 OF 9)

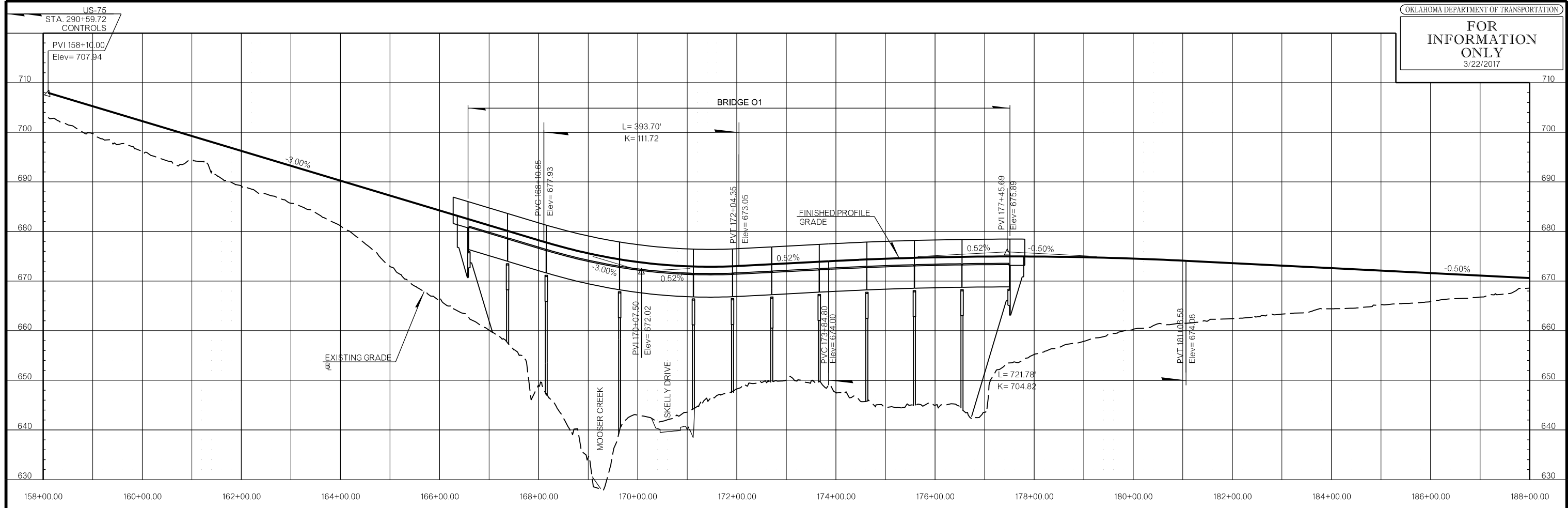
COUNTY TULSA HIGHWAY I-44 STATE JOB NO. 32728(04) SHEET NO. 43

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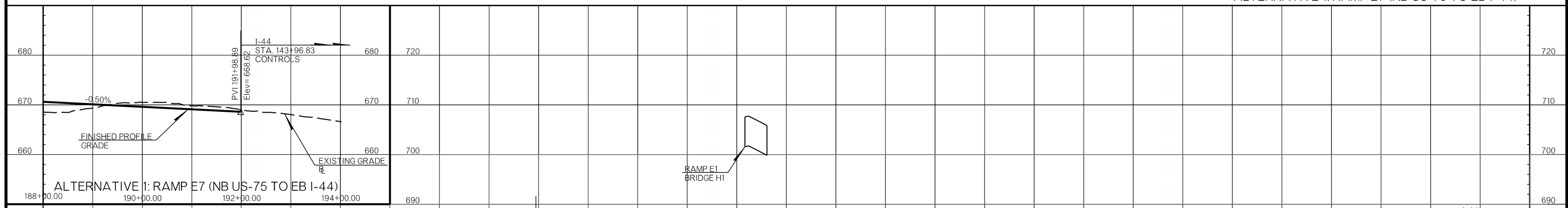


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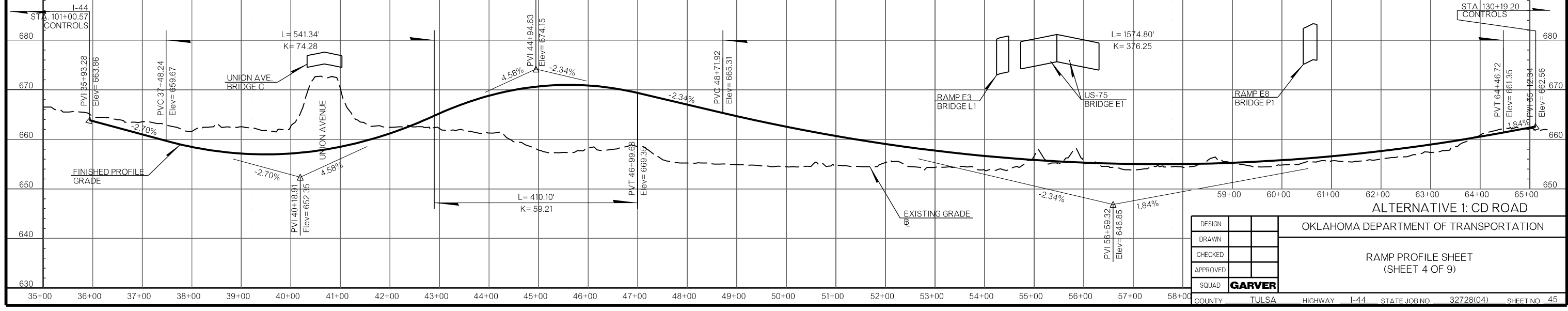
DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION	
DRAWN		RAMP PROFILE SHEET (SHEET 3 OF 9)	
CHECKED			
APPROVED			
SQUAD	GARVER		
COUNTY	TULSA	HIGHWAY	I-44 STATE JOB NO. 32728(04) SHEET NO. 44



ALTERNATIVE 1: RAMP E7 (NB US-75 TO EB I-44)



ALTERNATIVE 1: RAMP E7 (NB US-75 TO EB I-44)

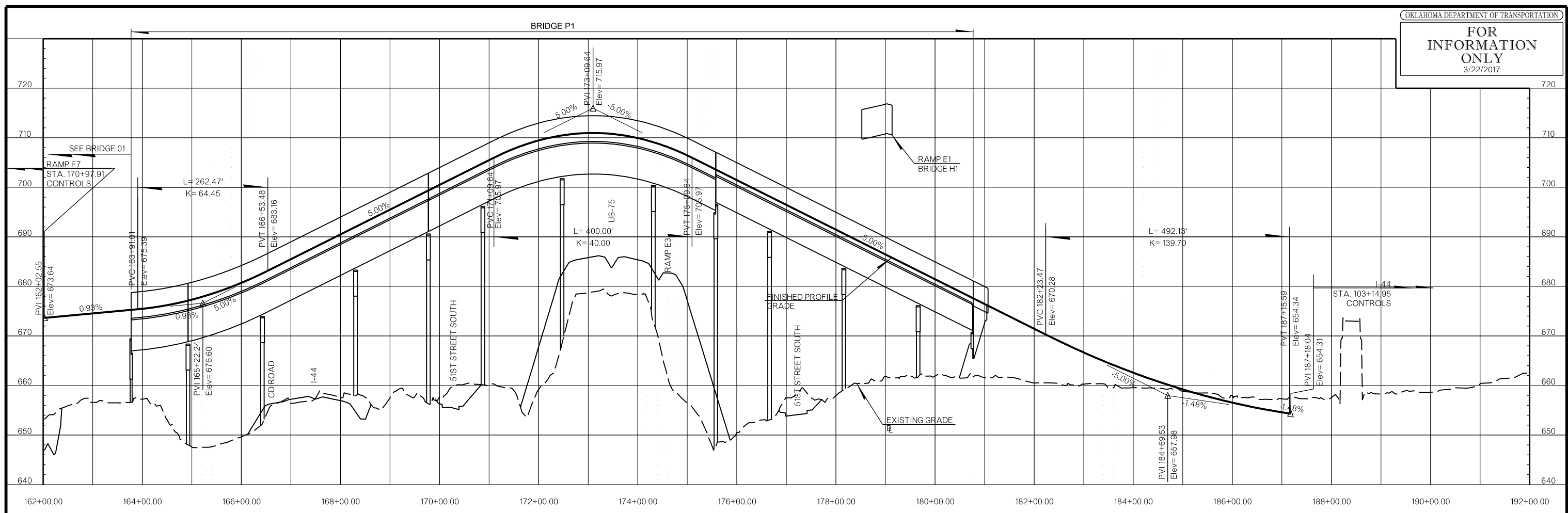


ALTERNATIVE 1: CD ROAD

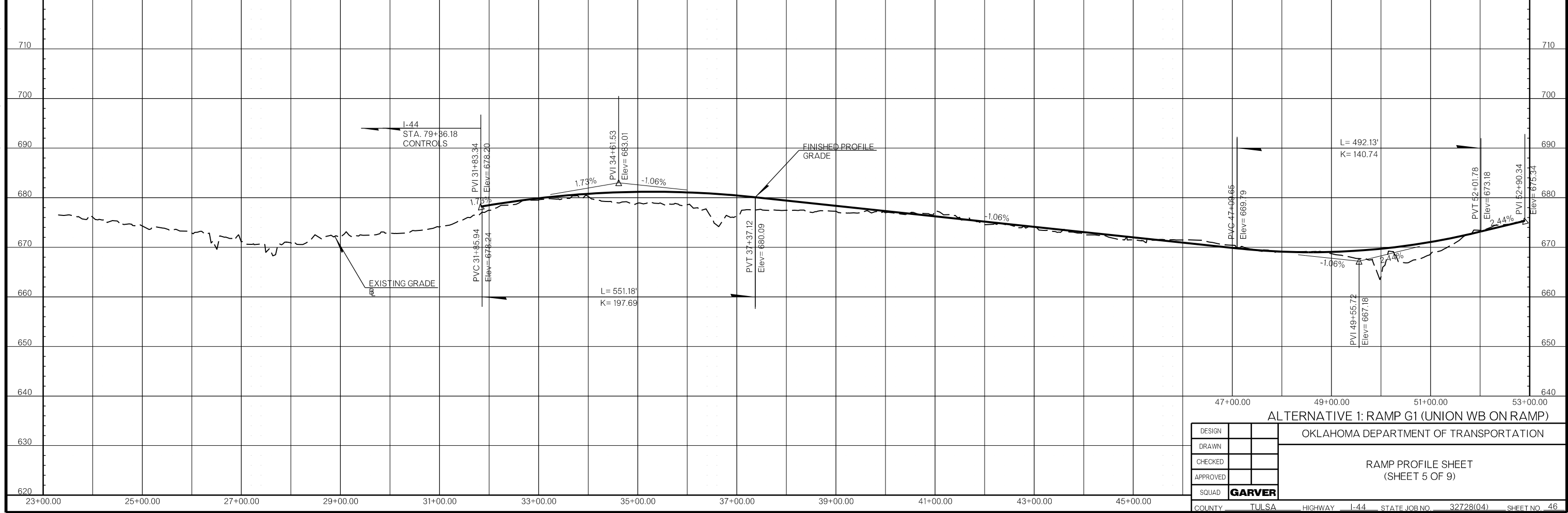
DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION RAMP PROFILE SHEET (SHEET 4 OF 9)
DRAWN		
CHECKED		
APPROVED		
SQUAD	GARVER	

COUNTY TULSA HIGHWAY I-44 STATE JOB NO. 32728(04) SHEET NO. 45

3/22/2017 10:25:48 AM L:\2016\16037070 - 000T EC-1780 I44 from I244 Interchange Drawings\32728-PRO-I07.dgn



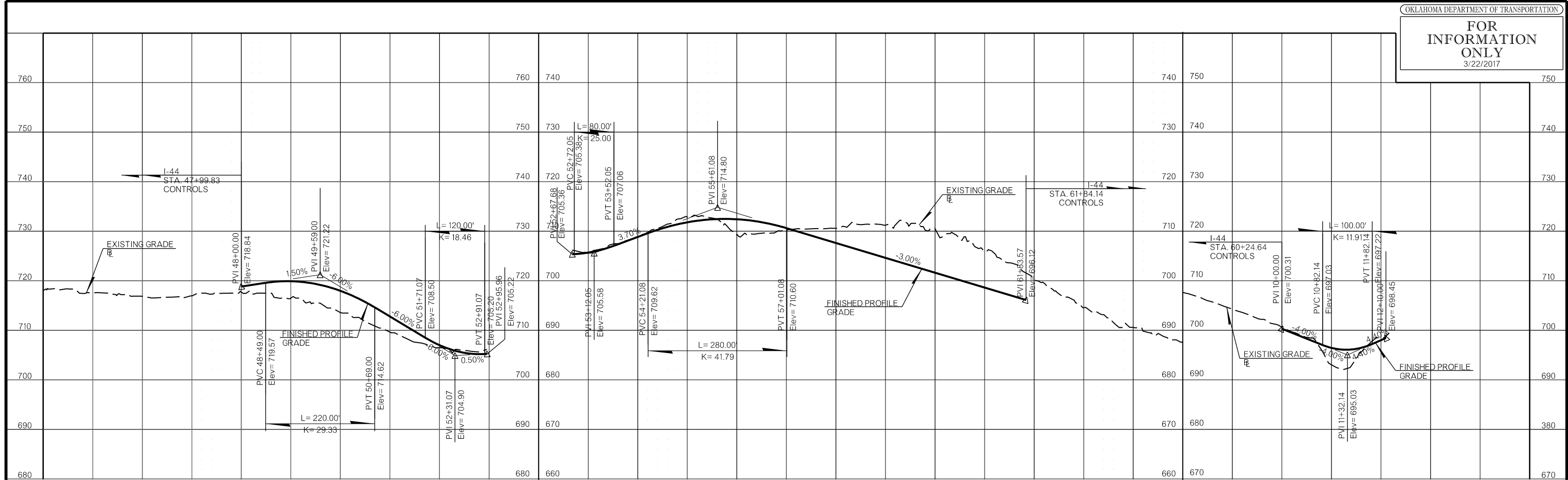
ALTERNATIVE 1: RAMP E8 (NB US-75 TO WB I-44)



DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION RAMP PROFILE SHEET (SHEET 5 OF 9)
DRAWN		
CHECKED		
APPROVED		
SQUAD	GARVER	

COUNTY TULSA HIGHWAY I-44 STATE JOB NO. 32728(04) SHEET NO. 46

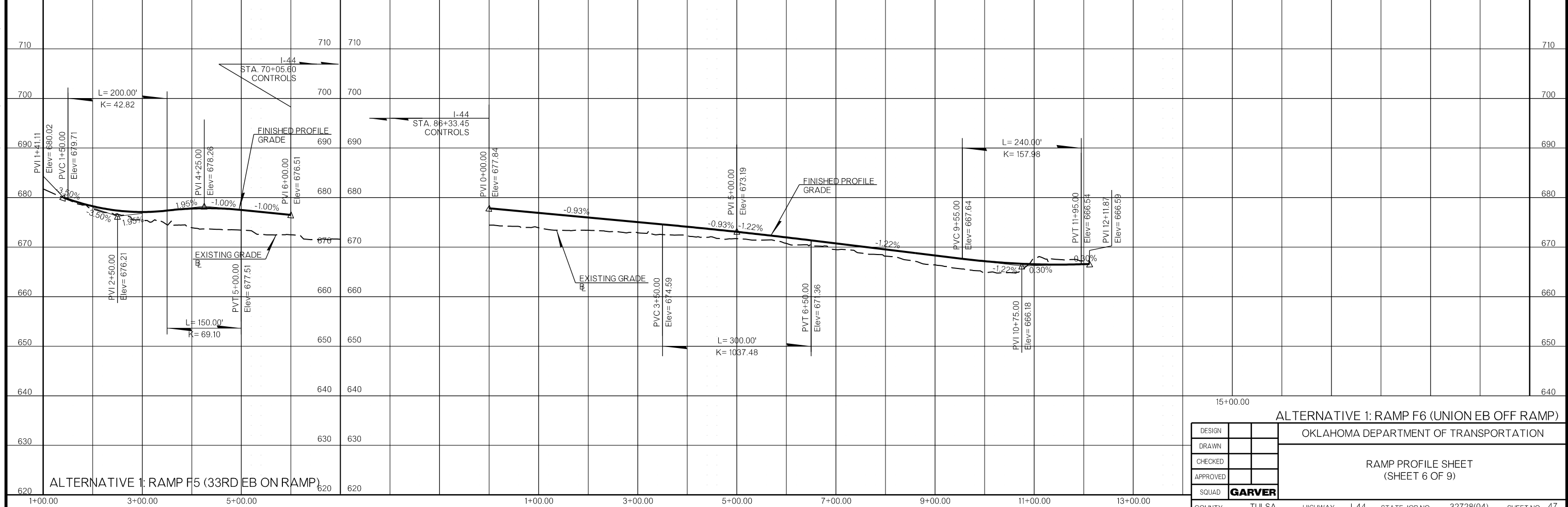
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ALTERNATIVE 1: RAMP 01 (33RD WB ON RAMP)

ALTERNATIVE 1: RAMP 02 (33RD WB OFF RAMP)

ALTERNATIVE 1: RAMP F4 (33RD EB OFF RAMP)

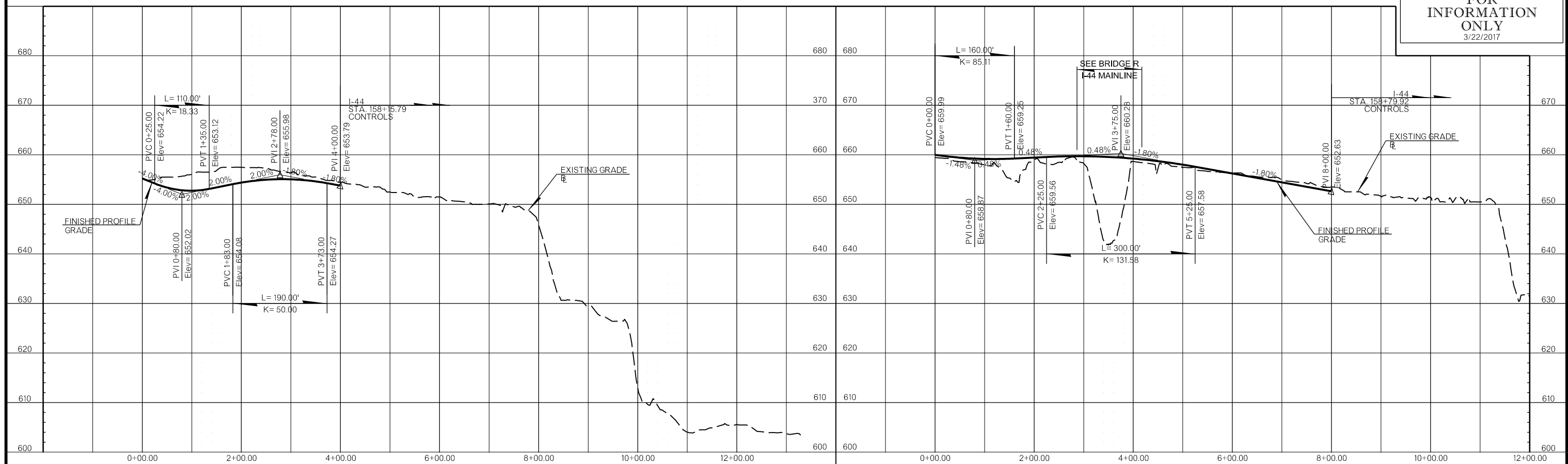


ALTERNATIVE 1: RAMP F5 (33RD EB ON RAMP)

ALTERNATIVE 1: RAMP F6 (UNION EB OFF RAMP)

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION					
DRAWN		RAMP PROFILE SHEET (SHEET 6 OF 9)					
CHECKED							
APPROVED							
SQUAD	GARVER						
COUNTY	TULSA	HIGHWAY	I-44	STATE JOB NO.	32728(04)	SHEET NO.	47

3/22/2017 10:25:50 AM L:\2016\16037070 - 000T EC-1780 i44 from i244 Interchange\Drawings\32728-PRO-109.dgn



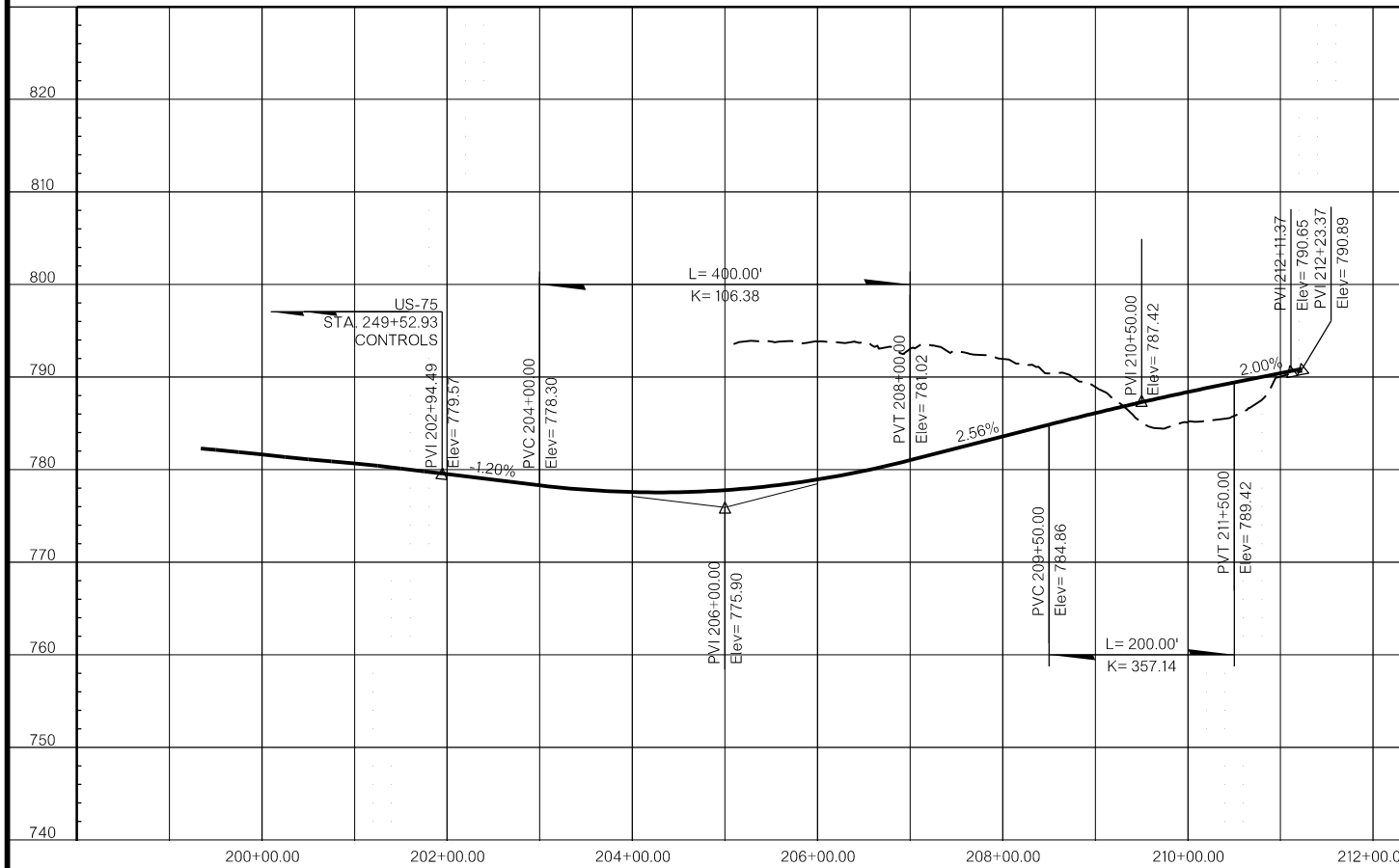
ALTERNATIVE 1: RAMP H1 (RIVER BRIDGE WB OFF RAMP)

ALTERNATIVE 1: RAMP H2 (RIVER BRIDGE EB ON RAMP)

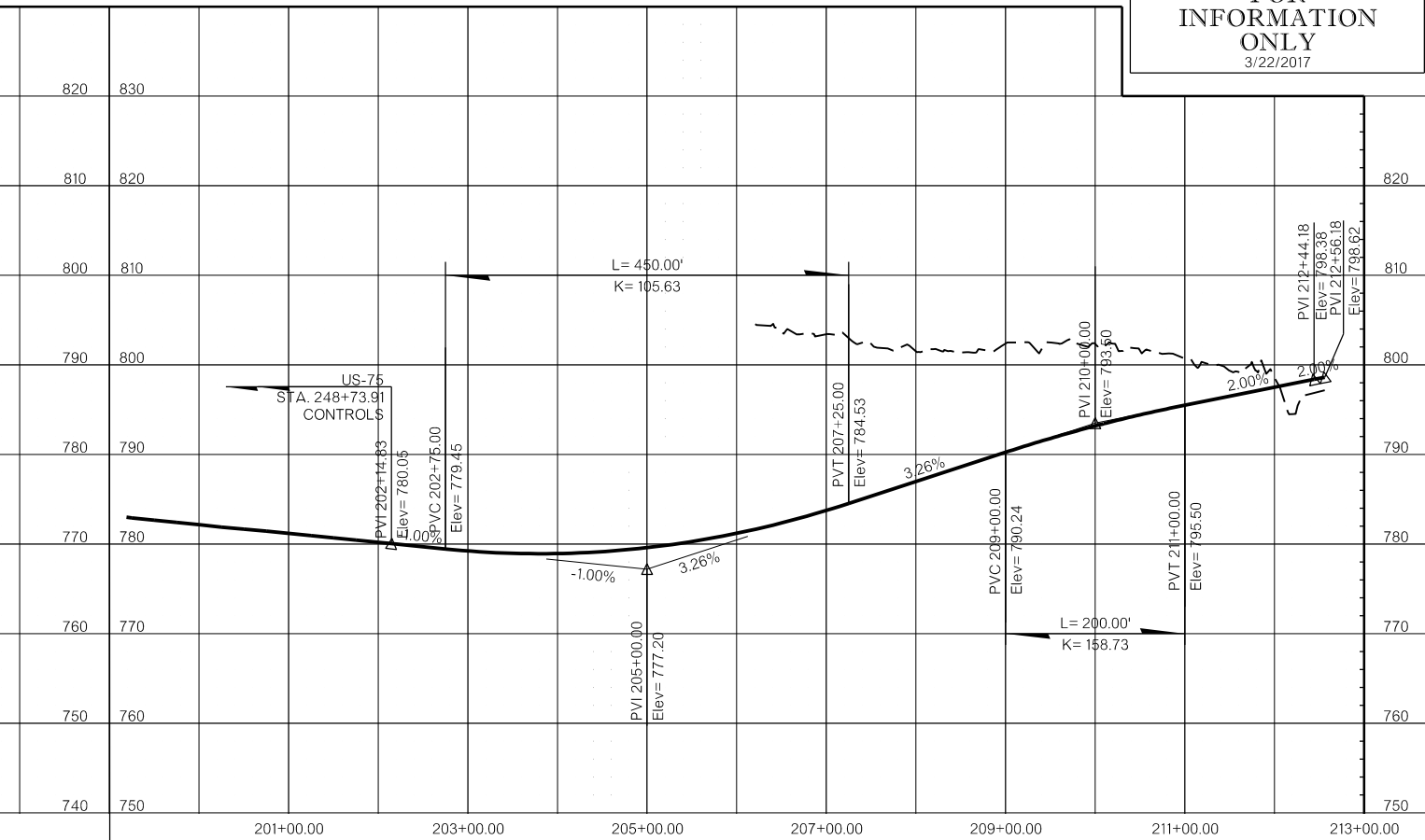
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DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		
CHECKED		
APPROVED		
SQUAD	GARVER	
COUNTY		TULSA
HIGHWAY		I-44
STATE JOB NO.		32728(04)
SHEET NO.		48

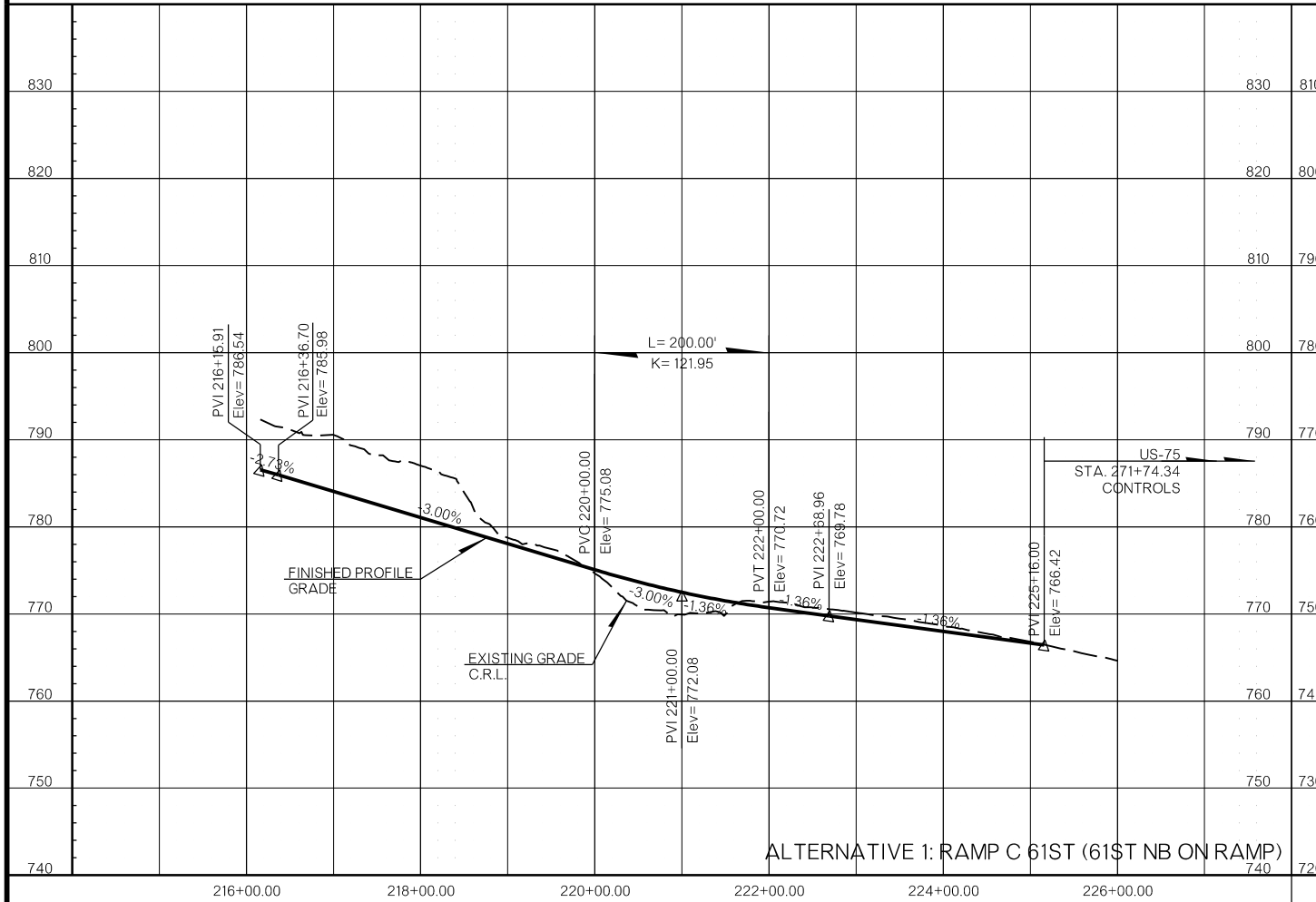
RAMP PROFILE SHEET
 (SHEET 8 OF 9)



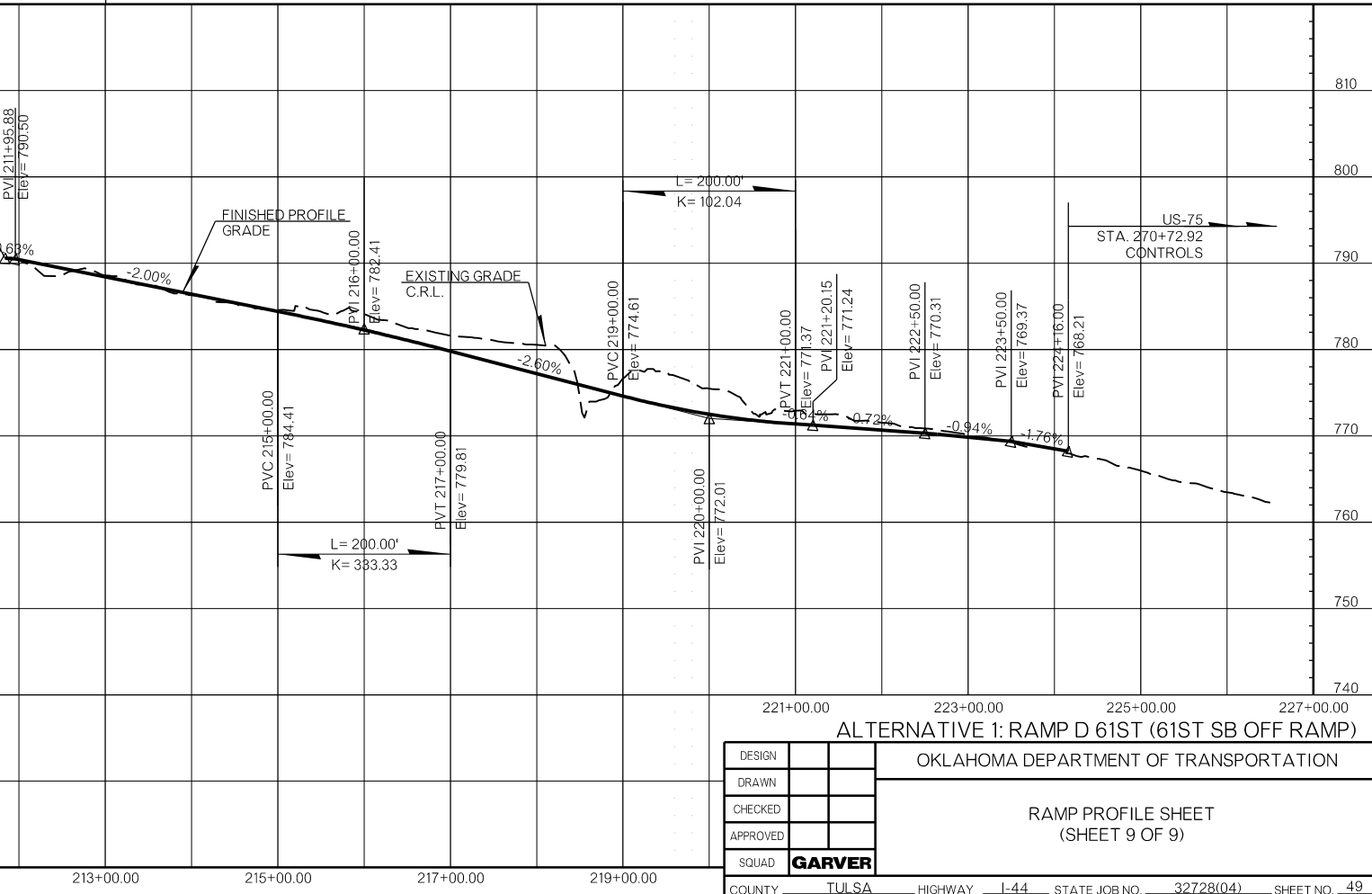
ALTERNATIVE 1: RAMP A 61ST (61ST SB ON RAMP)



ALTERNATIVE 1: RAMP B 61ST (61ST NB OFF RAMP)



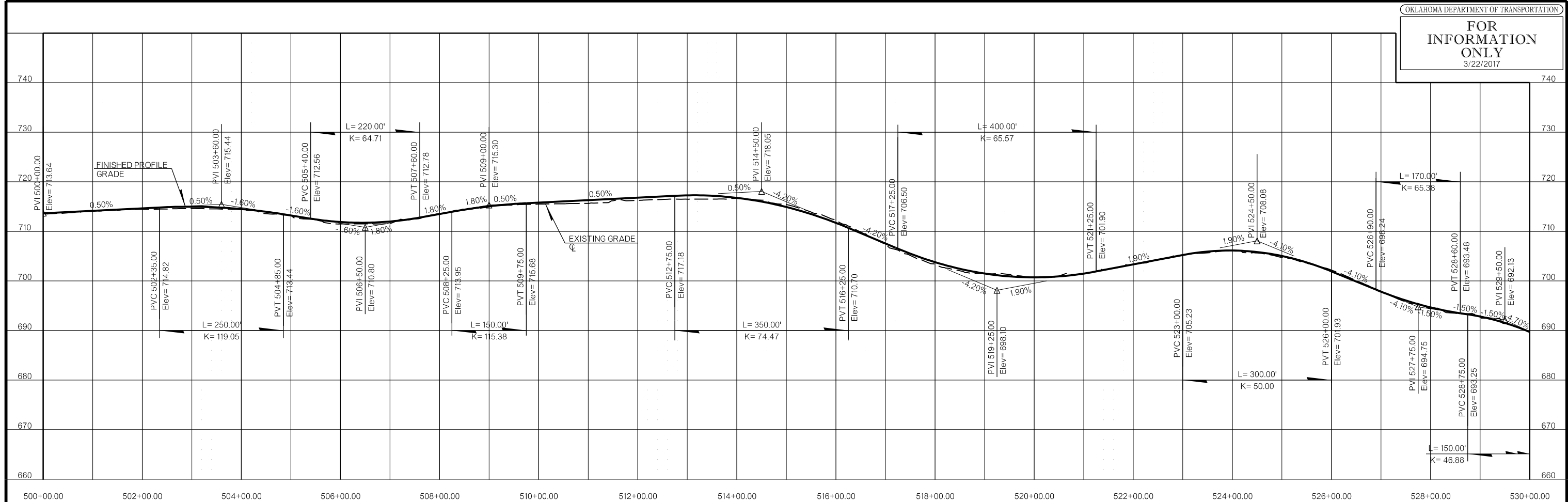
ALTERNATIVE 1: RAMP C 61ST (61ST NB ON RAMP)



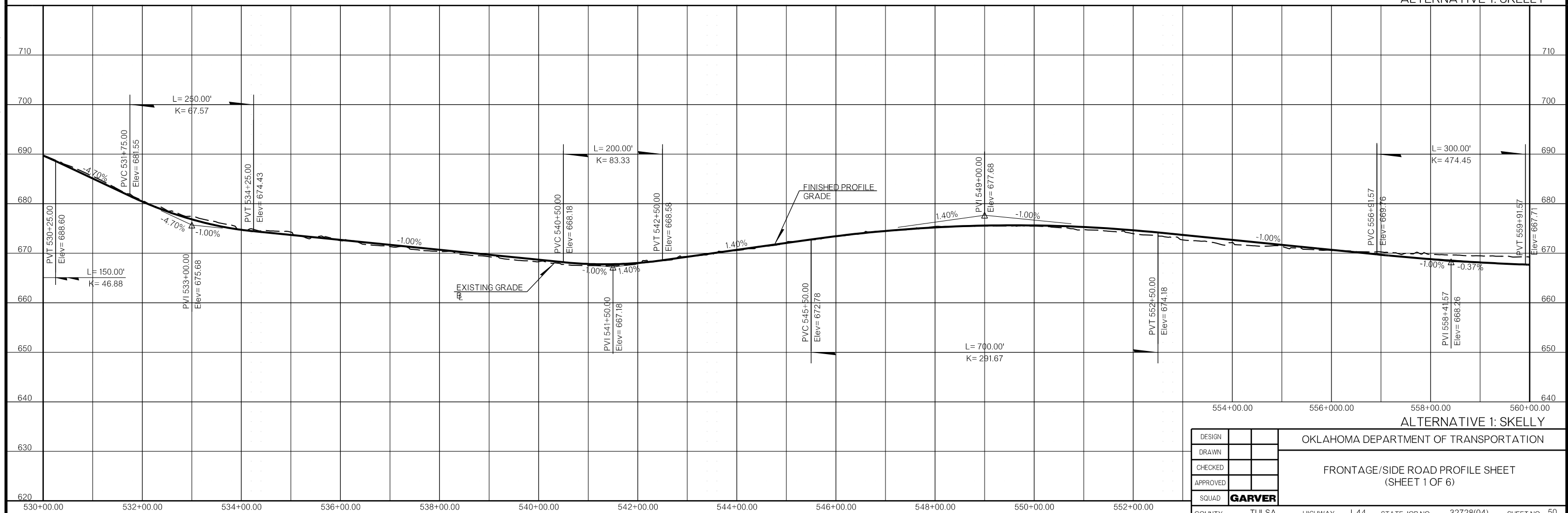
ALTERNATIVE 1: RAMP D 61ST (61ST SB OFF RAMP)

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION	
DRAWN		RAMP PROFILE SHEET (SHEET 9 OF 9)	
CHECKED		GARVER	
APPROVED		COUNTY TULSA HIGHWAY I-44 STATE JOB NO. 32728(04) SHEET NO. 49	

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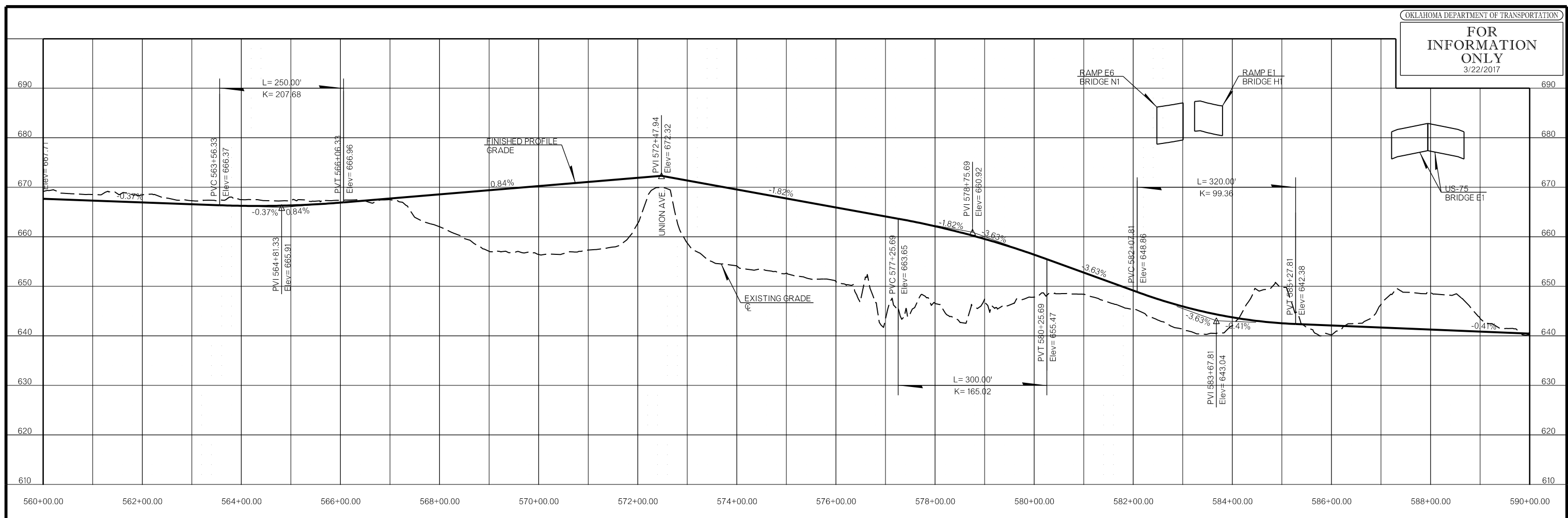
ALTERNATIVE 1: SKELLY



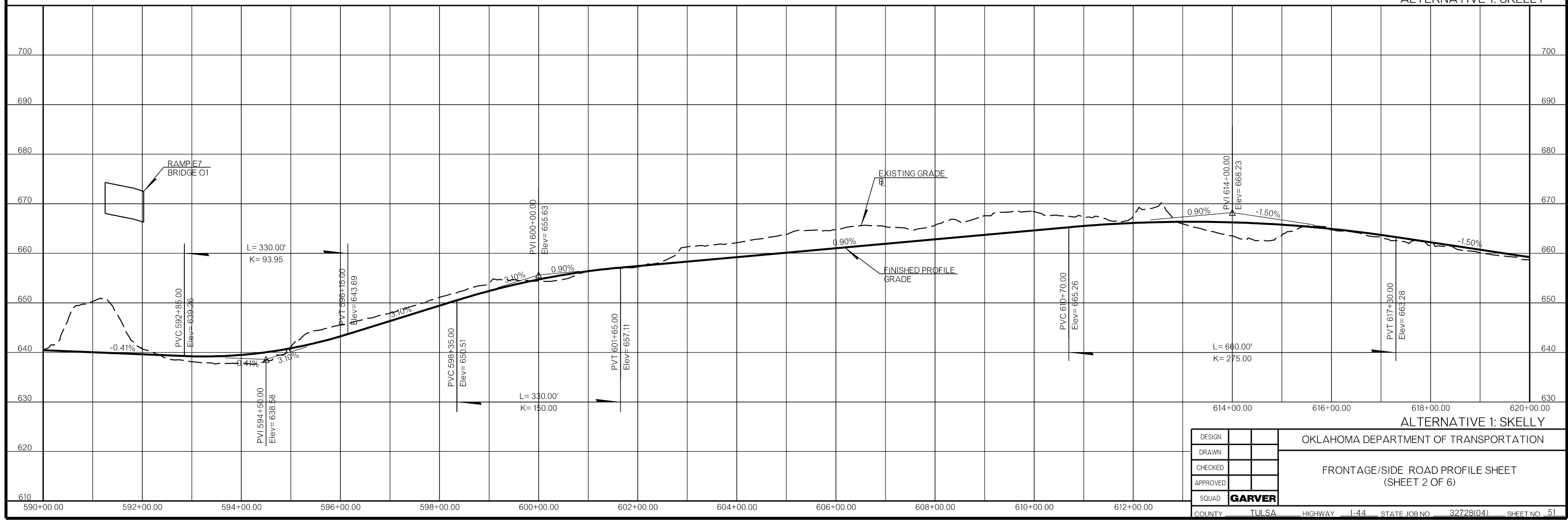
ALTERNATIVE 1: SKELLY

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		
CHECKED		
APPROVED		
SQUAD	GARVER	
COUNTY TULSA		FRONTAGE/SIDE ROAD PROFILE SHEET (SHEET 1 OF 6)
HIGHWAY I-44		STATE JOB NO. 32728(04)
		SHEET NO. 50

3/22/2017 10:25:54 AM L:\2016\16037070 - 000T EC-1780 144 from 1244 Interchange\Drawings\32728-PR0_10.dgn



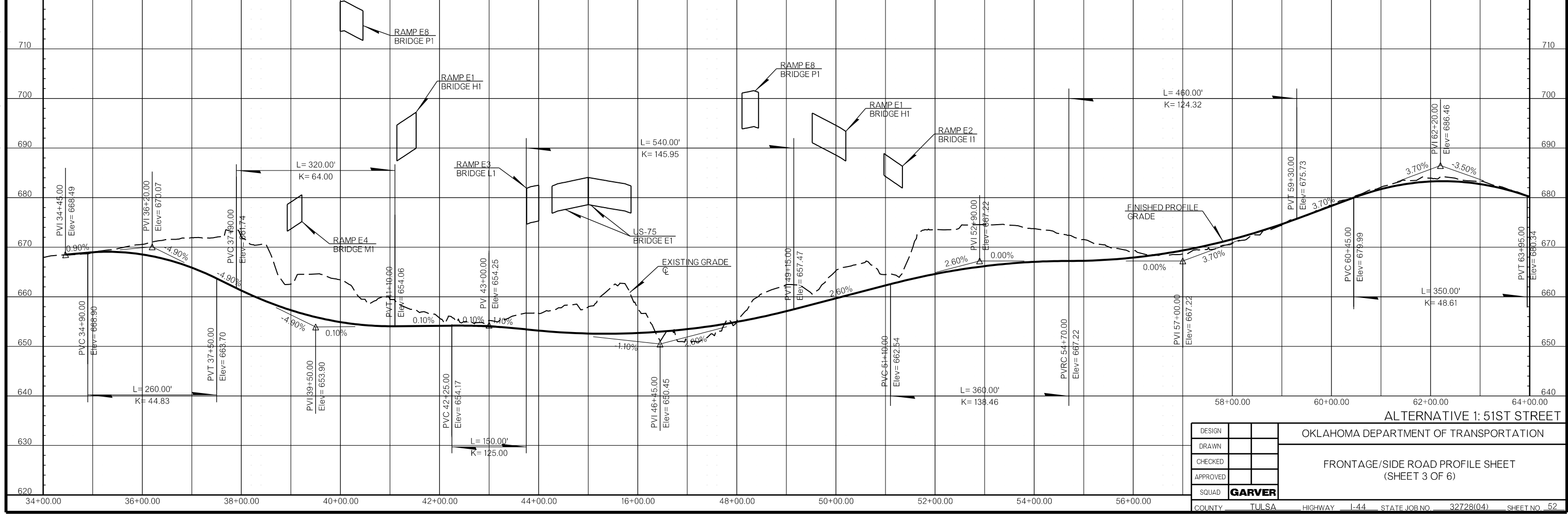
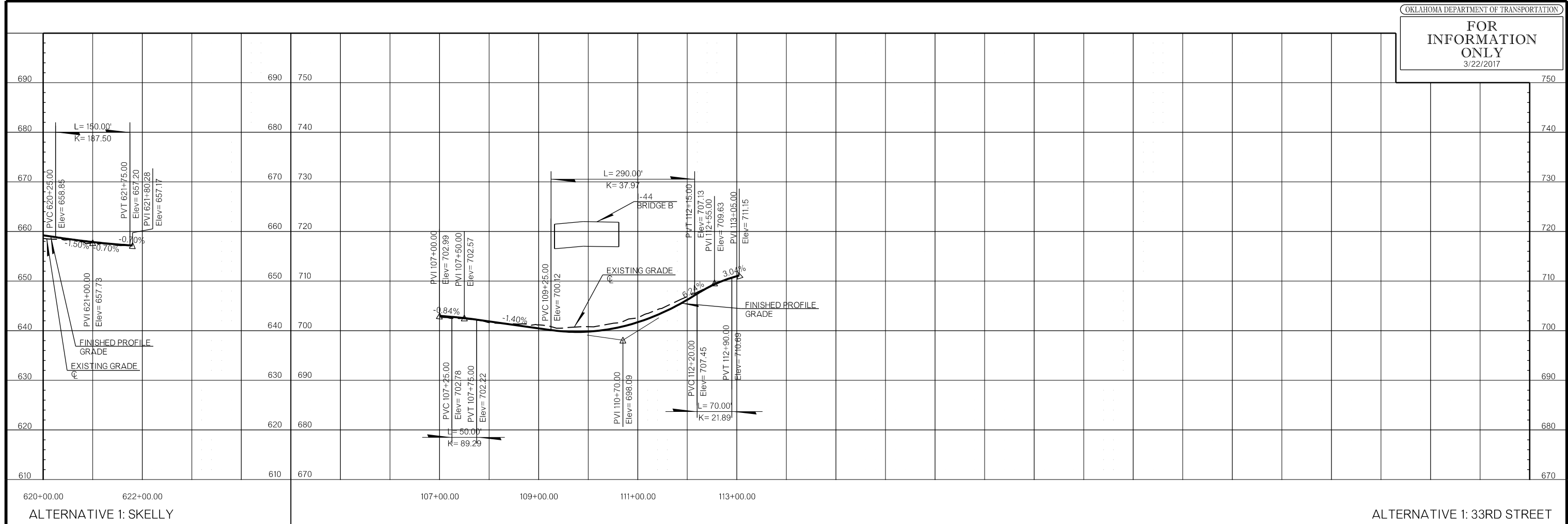
ALTERNATIVE 1: SKELLY



ALTERNATIVE 1: SKELLY

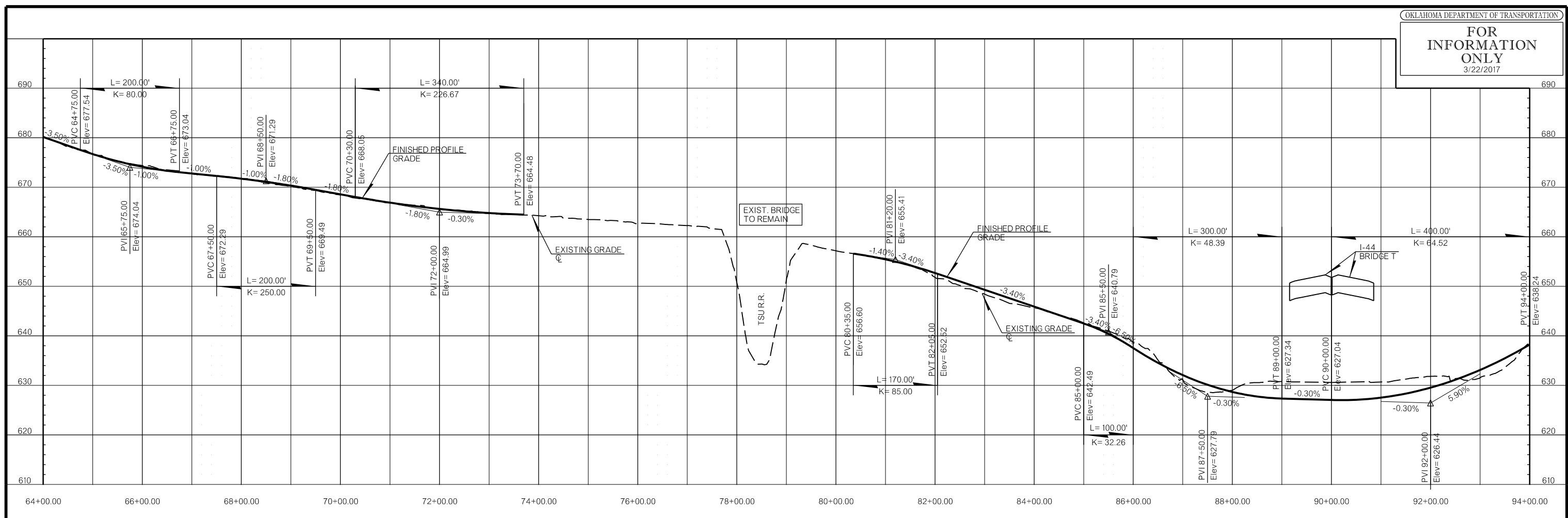
DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		
CHECKED		
APPROVED		
SQUAD	GARVER	
COUNTY TULSA		HIGHWAY I-44
		STATE JOB NO. 32728(04)
		SHEET NO. 51

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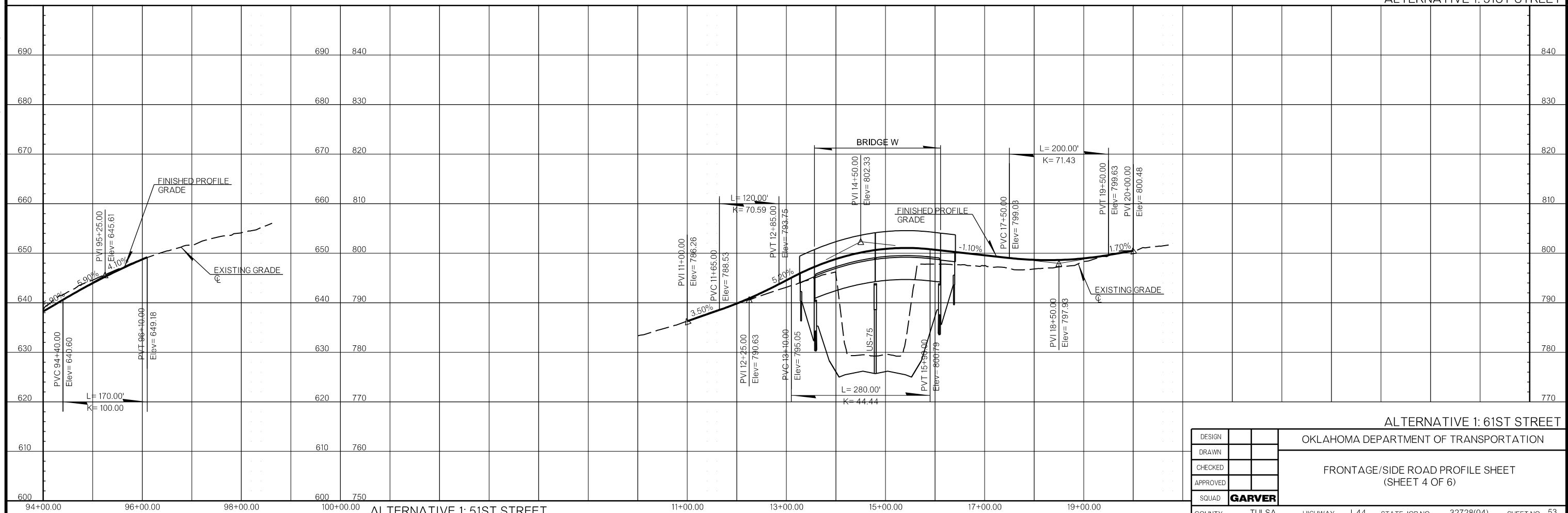


DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION FRONTAGE/SIDE ROAD PROFILE SHEET (SHEET 3 OF 6) GARVER
DRAWN		
CHECKED		
APPROVED		
SQUAD		
COUNTY TULSA HIGHWAY I-44 STATE JOB NO. 32728(04) SHEET NO. 52		

3/22/2017 10:25:56 AM L:\2016\16037070 - 000T EC-1780 144 from 1244 Interchange Drawings\32728-PRO-112.dgn



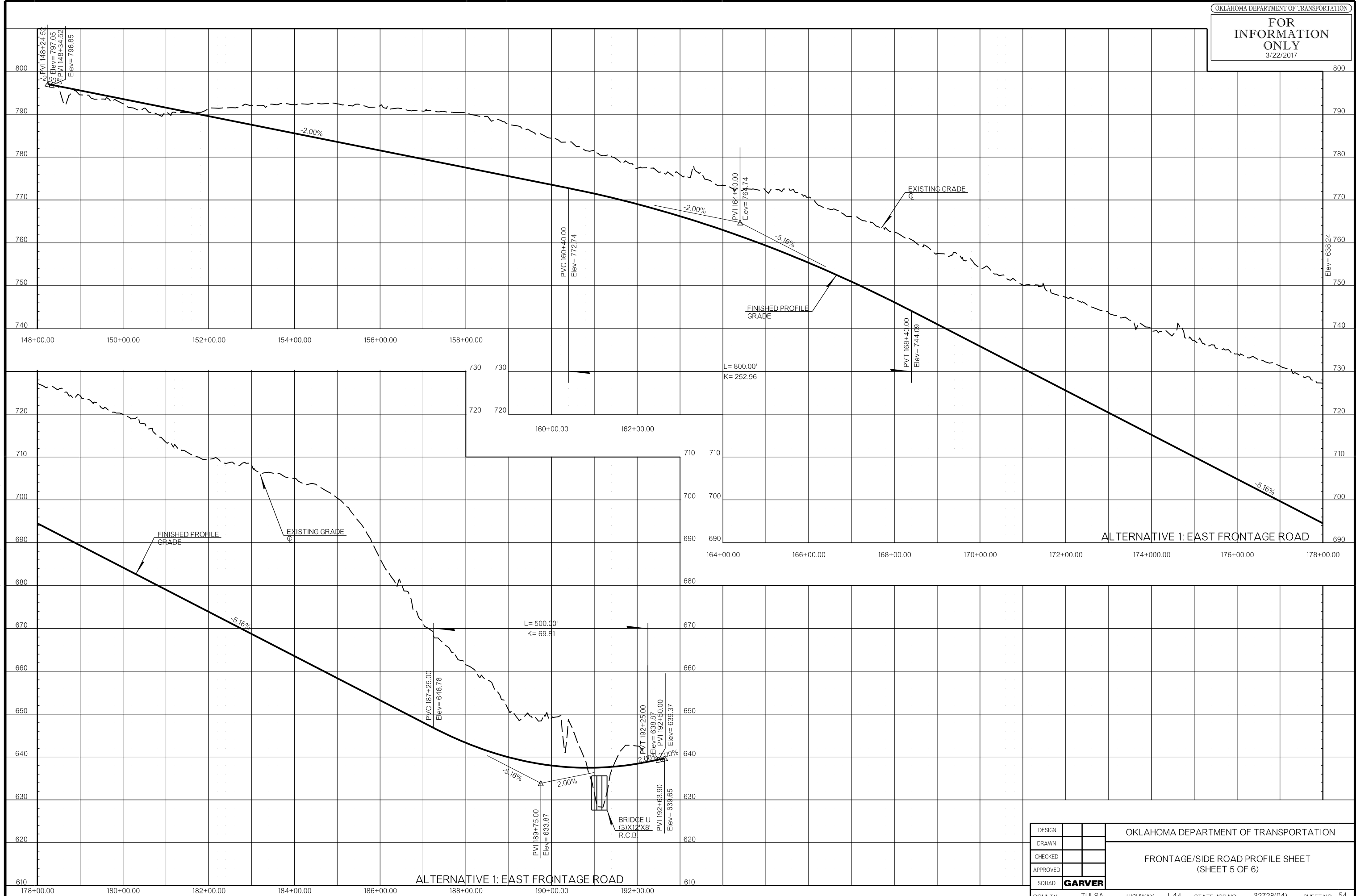
ALTERNATIVE 1: 51ST STREET



ALTERNATIVE 1: 61ST STREET

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		
CHECKED		
APPROVED		
SQUAD	GARVER	
COUNTY TULSA		HIGHWAY I-44
		STATE JOB NO. 32728(04)
		SHEET NO. 53

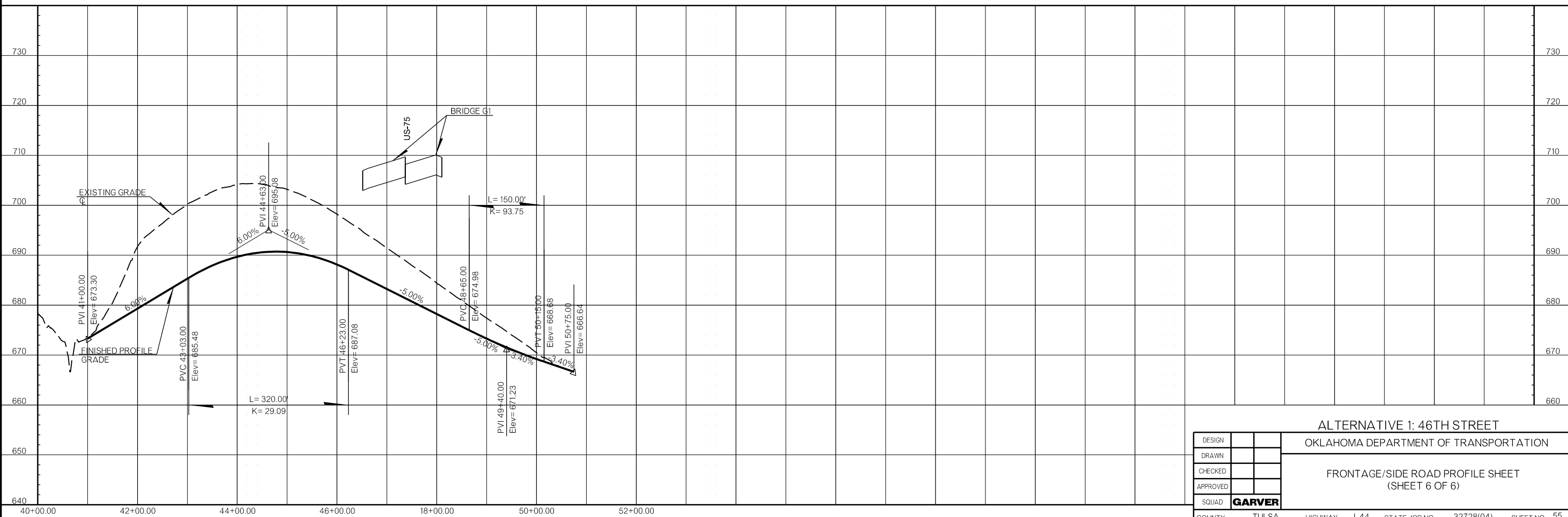
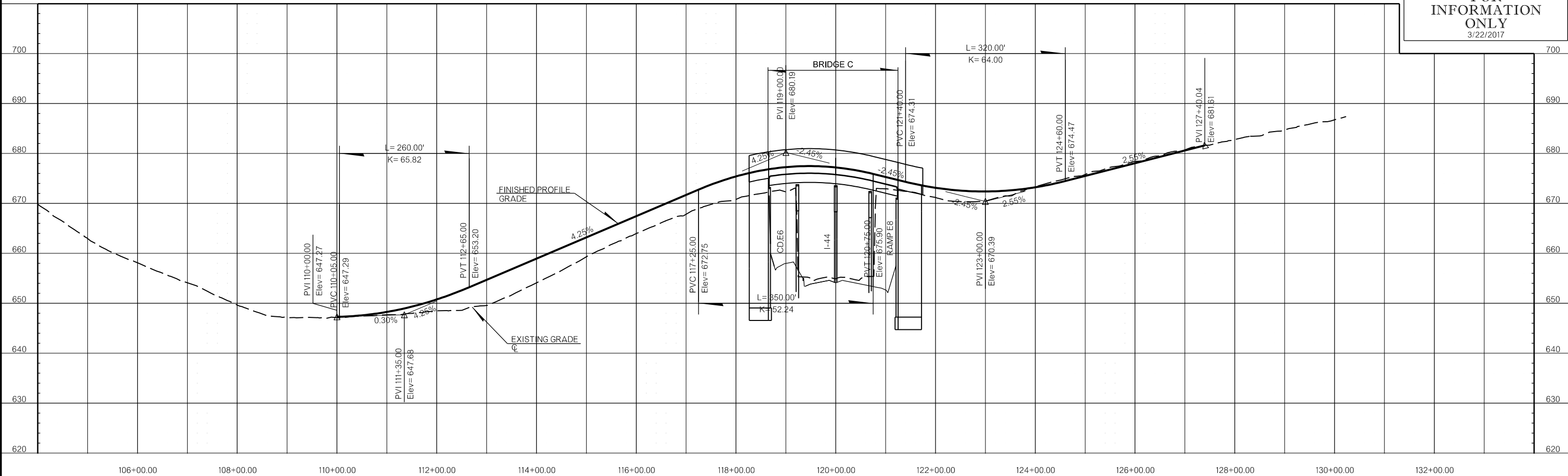
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3/22/2017 10:25:58 AM L:\2016\16037070 - 000T EC-1780 i44 from i244 interchange\Drawings\32728-PRO.i49.dgn

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		
CHECKED		
APPROVED		
SQUAD	GARVER	
COUNTY		TULSA
HIGHWAY		I-44
STATE JOB NO.		32728(04)
SHEET NO.		54

FRONTAGE/SIDE ROAD PROFILE SHEET
 (SHEET 5 OF 6)



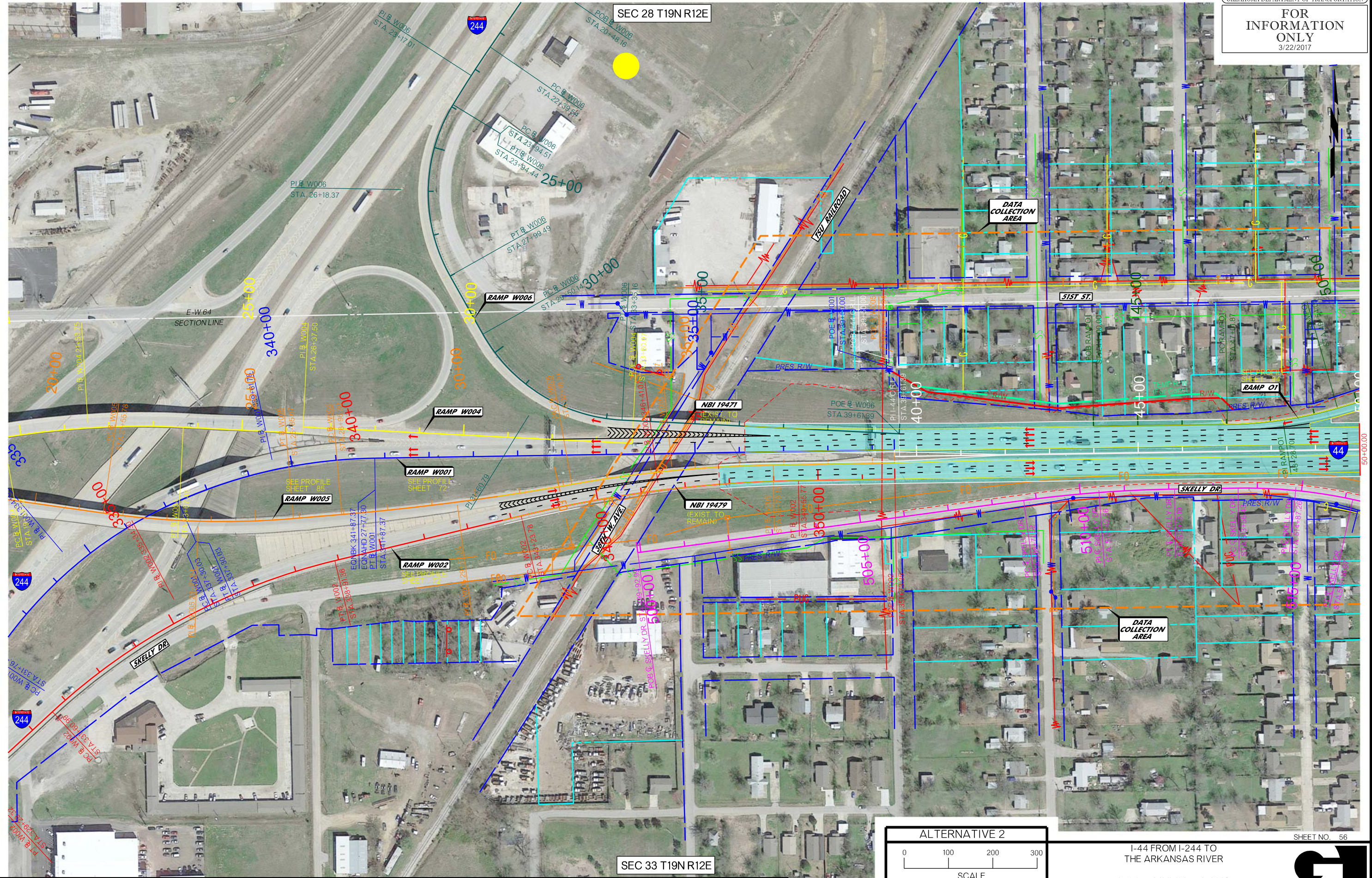
DESIGN	
DRAWN	
CHECKED	
APPROVED	
SQUAD	GARVER

OKLAHOMA DEPARTMENT OF TRANSPORTATION
FRONTAGE/SIDE ROAD PROFILE SHEET
(SHEET 6 OF 6)

3/22/2017 10:25:59 AM L:\2016\16037070 - 000T EC-1780 144 from 1244 interchange\Drawings\32728-PRO-121.dgn

SEC 28 T19N R12E

SEC 33 T19N R12E



3/22/2017 10:35:11 AM L:\2016\16037070 - 000T EC-1780 144 from 1244 Interchange\Drawings\32728-PL\A1_20.dgn

LEGEND			
	POWER LINE		WATER
	FIBER OPTIC		OIL LINE
	GAS LINE		POWER UNDERGROUND
	TELEPHONE UNDERGROUND		SANITARY SEWER
	OVERHEAD TELEPHONE LINE		DATA COLLECTION AREA
	EXISTING RIGHT-OF-WAY		STREAM FLOWLINE
	PROPERTY LINE		TEMP RIGHT-OF-WAY
	PROPOSED RIGHT-OF-WAY		UTILITY EASEMENT
	LUST/AST SITE		FLOODPLAIN ZONE AE
	POTENTIAL HAZARDOUS MATERIALS SITE		FLOODWAY ZONE AE
	LUST/LAST SITE		TRAFFIC MIXTURE

ALTERNATIVE 2

SCALE

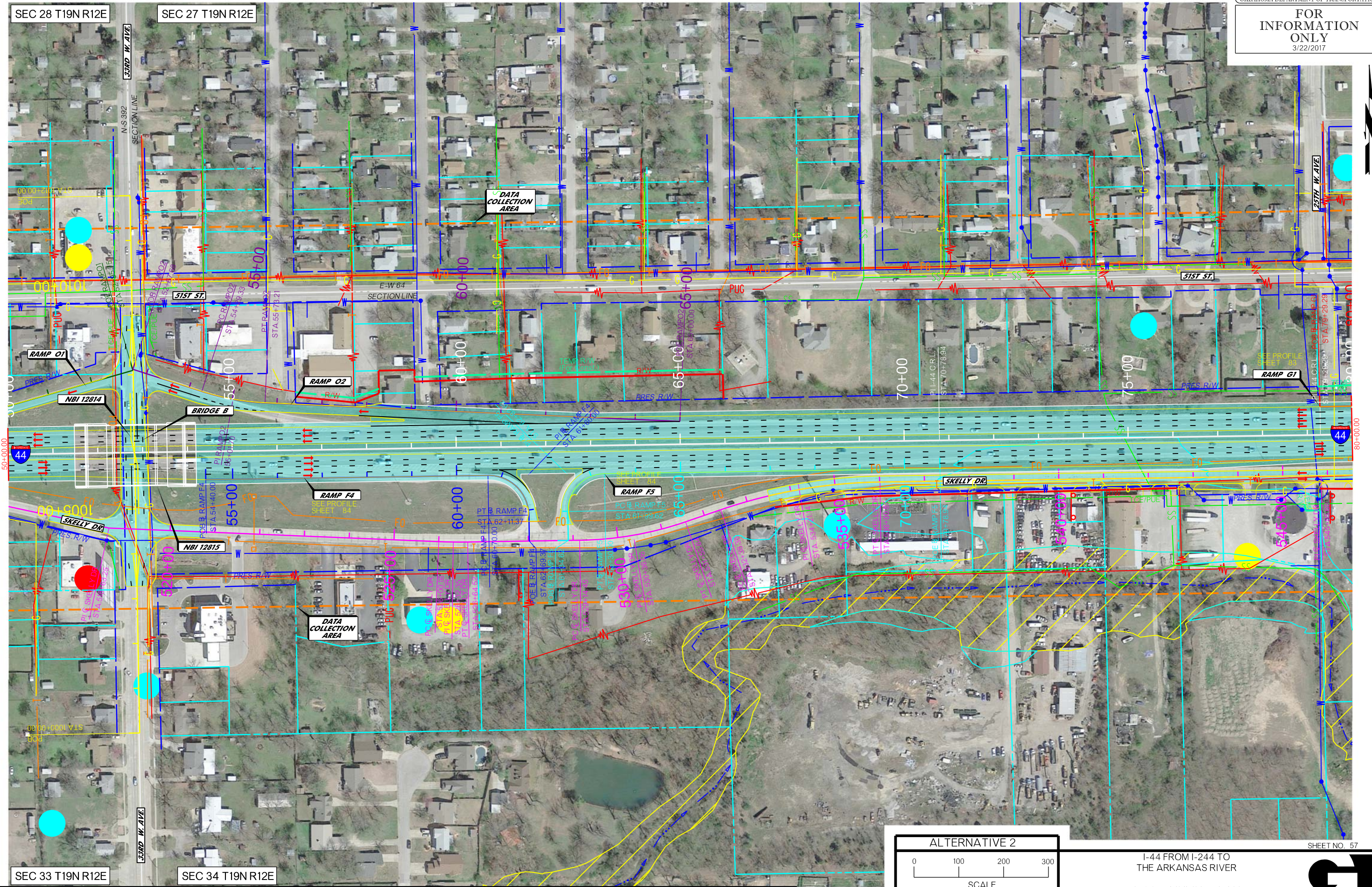
Oklahoma Department of Transportation

I-44 FROM I-244 TO THE ARKANSAS RIVER

I-44 MAINLINE PLANS (SHEET 1 OF 6)

SHEET NO. 56

3/22/2017 10:35:17 AM L:\2016\16037070 - 000T EC-1780 444 from 1244 Interchange Drawings\Drawings\32728-PLAN_202.dgn



ALTERNATIVE 2

SCALE

Oklahoma Department of Transportation

I-44 FROM I-244 TO THE ARKANSAS RIVER

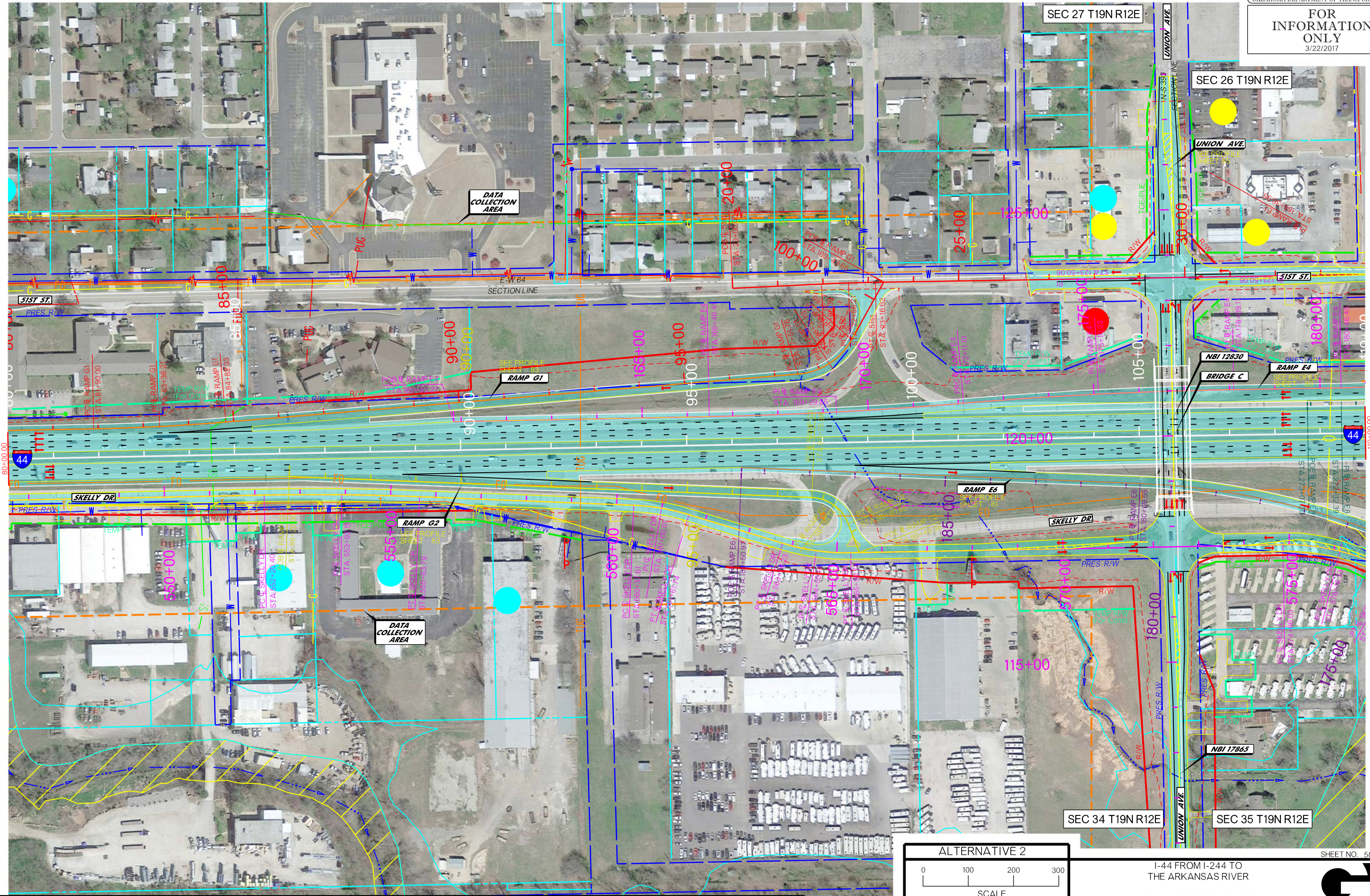
I-44 MAINLINE PLAN (SHEET 2 OF 6)

SHEET NO. 57

LEGEND

POWER LINE	WATER	OVERHEAD TELEPHONE LINE	DATA COLLECTION AREA	UST/AST SITE	FLOODPLAIN ZONE AE
FIBER OPTIC	OIL LINE	EXISTING RIGHT-OF-WAY	STREAM FLOWLINE	POTENTIAL HAZARDOUS MATERIALS SITE	FLOODWAY ZONE AE
GAS LINE	POWER UNDERGROUND	PROPERTY LINE	TEMP RIGHT-OF-WAY	LUST/LAST SITE	TRAFFIC MIXTURE
TELEPHONE UNDERGROUND	SANITARY SEWER	PROPOSED RIGHT-OF-WAY	UTILITY EASEMENT		

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LEGEND

- | | | | | | |
|-----------------------------|-------------------------|---------------------------|------------------------|-----------------------|----------------------|
| — POWERLINE | — WATER | — OVERHEAD TELEPHONE LINE | — DATA COLLECTION AREA | ● UST/AST SITE | — FLOODPLAIN ZONE AE |
| — F0 FIBER OPTIC | — OIL LINE | — EXISTING RIGHT-OF-WAY | — STREAM FLOWLINE | ● POTENTIAL HAZARDOUS | — FLOODWAY ZONE AE |
| — GAS LINE | — PUG POWER UNDERGROUND | — PROPERTY LINE | — TEMP RIGHT-OF-WAY | ● MATERIALS SITE | — TRADE FIXTURE |
| — TUG TELEPHONE UNDERGROUND | — SANITARY SEWER | — PROPOSED RIGHT-OF-WAY | — UTILITY EASEMENT | ● LUST/LAST SITE | |

ALTERNATIVE 2

SCALE

Oklahoma Department of Transportation

I-44 FROM I-244 TO THE ARKANSAS RIVER
 I-44 MAINLINE PLAN (SHEET 3 OF 6)

SHEET NO. 58

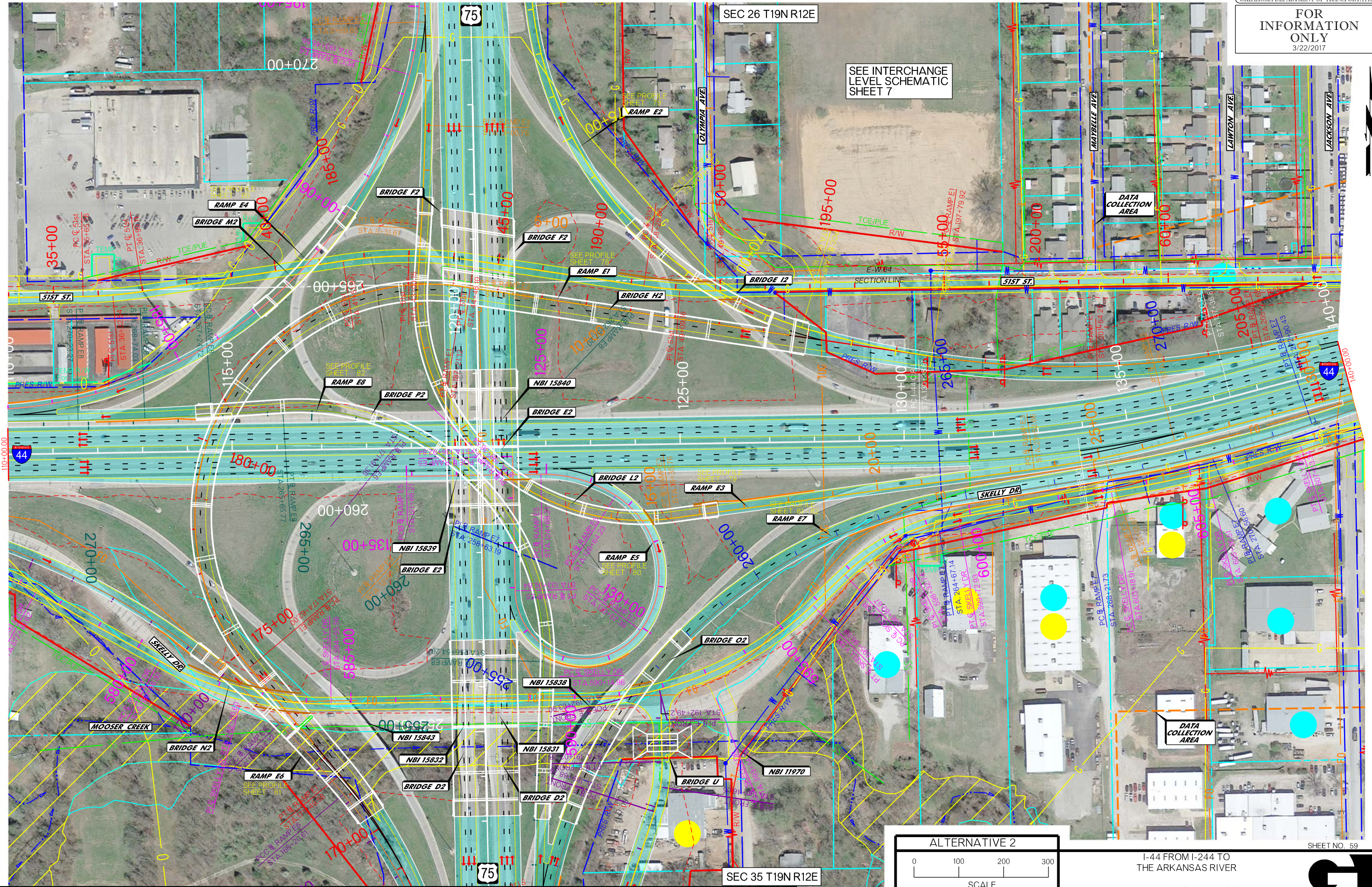
SEE INTERCHANGE LEVEL SCHEMATIC SHEET 7

SEC 26 T19N R12E

SEC 35 T19N R12E

SHEET NO. 59

3/22/2017 10:35:32 AM L:\2016\16037070 - 000T EC-1780 144 from 1244 Interchange\Drawings\32728-PLAN-204.dgn



ALTERNATIVE 2

SCALE

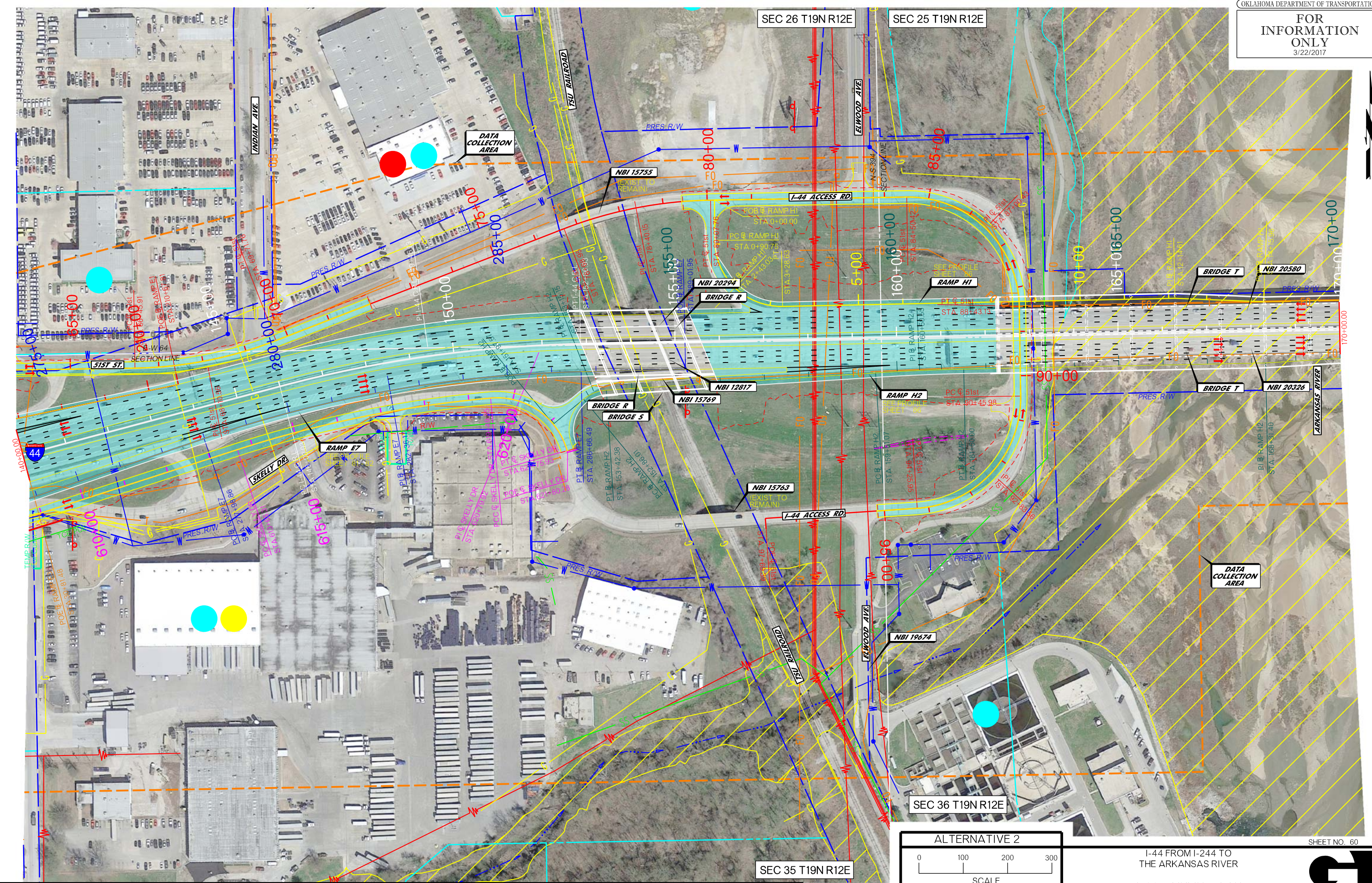
Oklahoma Department of Transportation

I-44 FROM I-244 TO THE ARKANSAS RIVER
I-44 MAINLINE PLAN (SHEET 4 OF 6)

LEGEND

POWERLINE	WATER	OVERHEAD TELEPHONE LINE	DATA COLLECTION AREA	UST/AST SITE	FLOODPLAIN ZONE AE
FIBER OPTIC	OIL LINE	EXISTING RIGHT-OF-WAY	STREAM FLOWLINE	POTENTIAL HAZARDOUS MATERIALS SITE	FLOODWAY ZONE AE
GAS LINE	POWER UNDERGROUND	PROPERTY LINE	TEMP RIGHT-OF-WAY	LUST/LAST SITE	TRAFFIC MIXTURE
TELEPHONE UNDERGROUND	SANITARY SEWER	PROPOSED RIGHT-OF-WAY	UTILITY EASEMENT		

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LEGEND

— POWER LINE	— WATER	— OVERHEAD TELEPHONE LINE	— DATA COLLECTION AREA	● UST/AST SITE	— FLOODPLAIN ZONE AE
— FO FIBER OPTIC	— OIL LINE	— EXISTING RIGHT-OF-WAY	— STREAM FLOWLINE	● POTENTIAL HAZARDOUS	— FLOODWAY ZONE AE
— GAS LINE	— PUG POWER UNDERGROUND	— PROPERTY LINE	— TEMP RIGHT-OF-WAY	● MATERIALS SITE	— TRADE FIXTURE
— TUG TELEPHONE UNDERGROUND	— SANITARY SEWER	— PROPOSED RIGHT-OF-WAY	— UTILITY EASEMENT	● LUST/LAST SITE	

ALTERNATIVE 2

SCALE

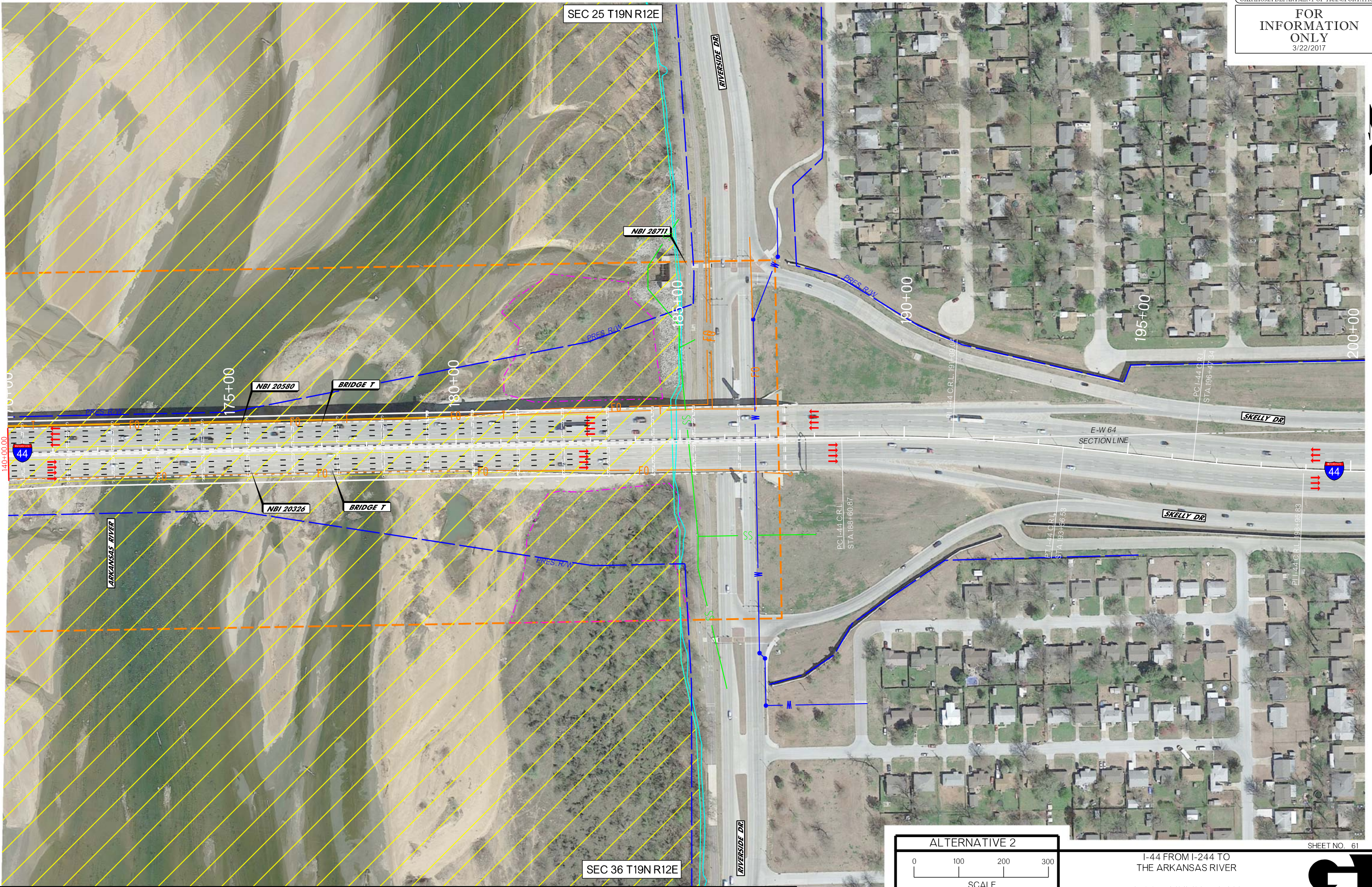
Oklahoma Department of Transportation

I-44 FROM I-244 TO THE ARKANSAS RIVER

I-44 MAINLINE PLAN (SHEET 5 OF 6)

SHEET NO. 60

3/22/2017 10:35:47 AM L:\2016\16037070 - 000T EC-1780 144 from 1244 Interchange Drawings\32728-PLAN.206.dgn



LEGEND

- POWER LINE
- F0 FIBER OPTIC
- GAS LINE
- TUG TELEPHONE UNDERGROUND
- WATER
- OIL LINE
- PUG POWER UNDERGROUND
- SANITARY SEWER
- OVERHEAD TELEPHONE LINE
- EXISTING RIGHT-OF-WAY
- PROPERTY LINE
- PROPOSED RIGHT-OF-WAY
- DATA COLLECTION AREA
- STREAM FLOWLINE
- TEMP RIGHT-OF-WAY
- UTILITY EASEMENT
- UST/AST SITE
- POTENTIAL HAZARDOUS MATERIALS SITE
- LUST/LAST SITE
- ▨ FLOODPLAIN ZONE AE
- ▨ FLOODWAY ZONE AE
- TRADE F I X T U R E

ALTERNATIVE 2

SCALE

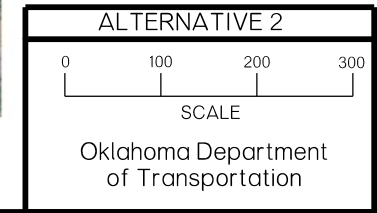
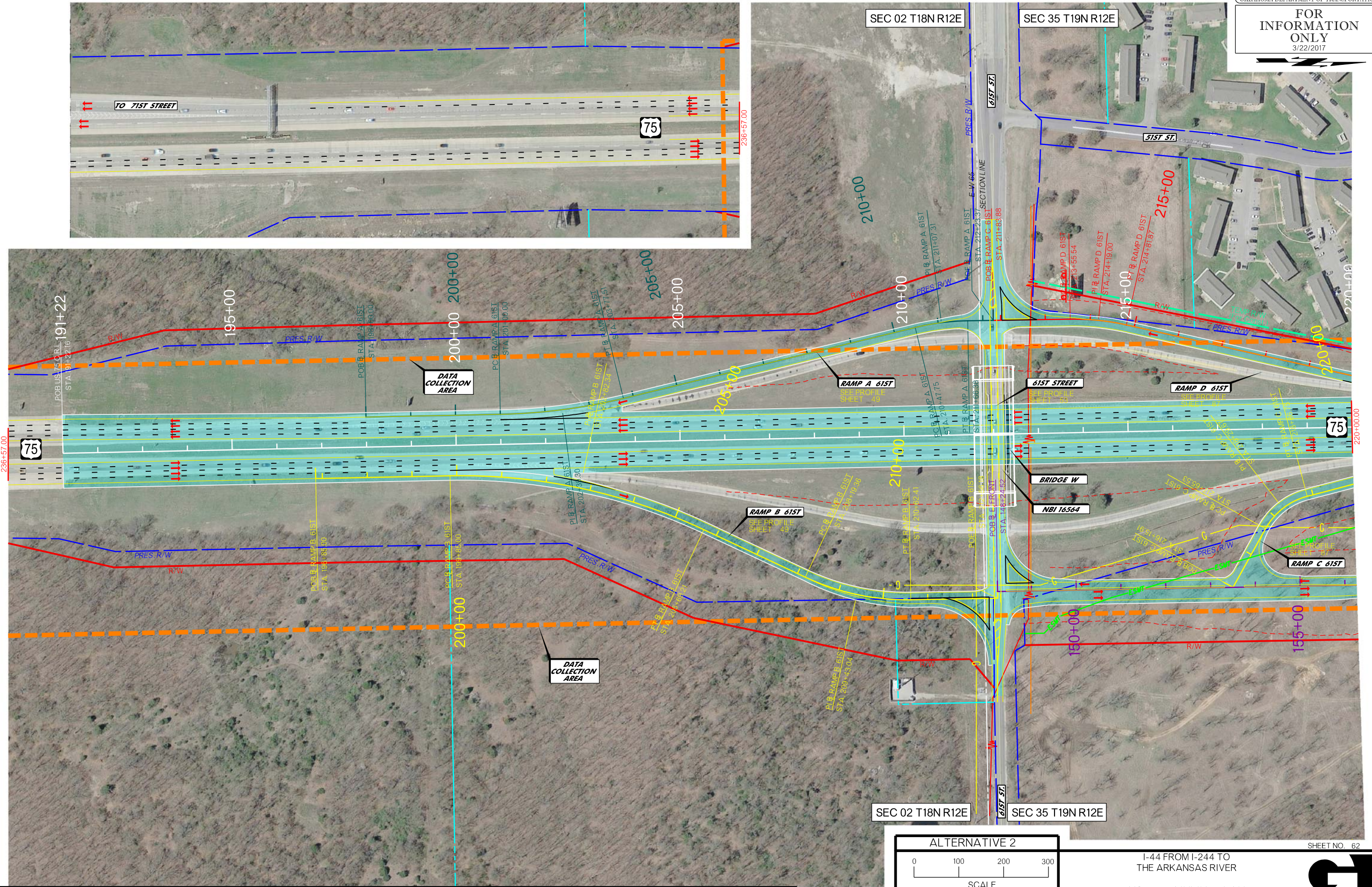
Oklahoma Department of Transportation

I-44 FROM I-244 TO THE ARKANSAS RIVER

I-44 MAINLINE PLAN (SHEET 6 OF 6)

SHEET NO. 61

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I-44 FROM I-244 TO THE ARKANSAS RIVER
 US-75 MAINLINE PLAN (SHEET 1 OF 4)

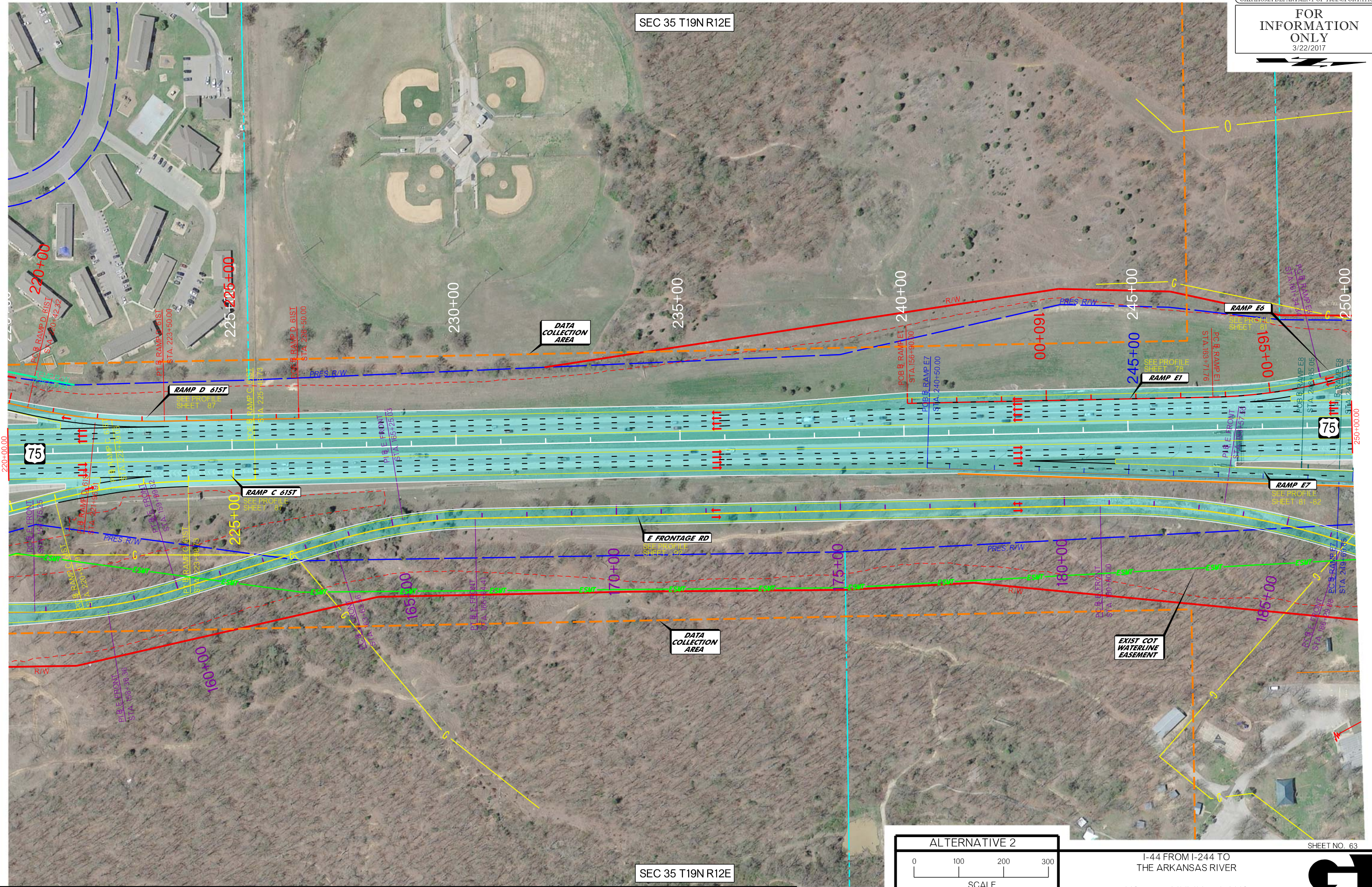
SHEET NO. 62

LEGEND									
	POWER LINE		WATER		OVERHEAD TELEPHONE LINE		UST/AST SITE		FLOODPLAIN ZONE AE
	FIBER OPTIC		OIL LINE		EXISTING RIGHT-OF-WAY		POTENTIAL HAZARDOUS		FLOODWAY ZONE AE
	GAS LINE		PUG POWER UNDERGROUND		PROPOSED RIGHT-OF-WAY		MATERIALS SITE		TRAFFIC MIXTURE
	TELEPHONE UNDERGROUND		SANITARY SEWER		PROPERTY LINE		LUST/LAST SITE		
					DATA COLLECTION AREA				
					STREAM FLOWLINE				
					TEMP RIGHT-OF-WAY				
					UTILITY EASEMENT				

SEC 35 T19N R12E

SEC 35 T19N R12E

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LEGEND			
	POWERLINE		WATER
	FIBER OPTIC		OIL LINE
	GAS LINE		PUG POWER UNDERGROUND
	TELEPHONE UNDERGROUND		SANITARY SEWER
	EXISTING RIGHT-OF-WAY		OVERHEAD TELEPHONE LINE
	PROPOSED RIGHT-OF-WAY		DATA COLLECTION AREA
	PROPERTY LINE		STREAM FLOWLINE
	TEMP RIGHT-OF-WAY		UTILITY EASEMENT
	UST/AST SITE		FLOODPLAIN ZONE AE
	POTENTIAL HAZARDOUS MATERIALS SITE		FLOODWAY ZONE AE
	LUST/LAST SITE		TRADE F IXTURE

ALTERNATIVE 2

SCALE

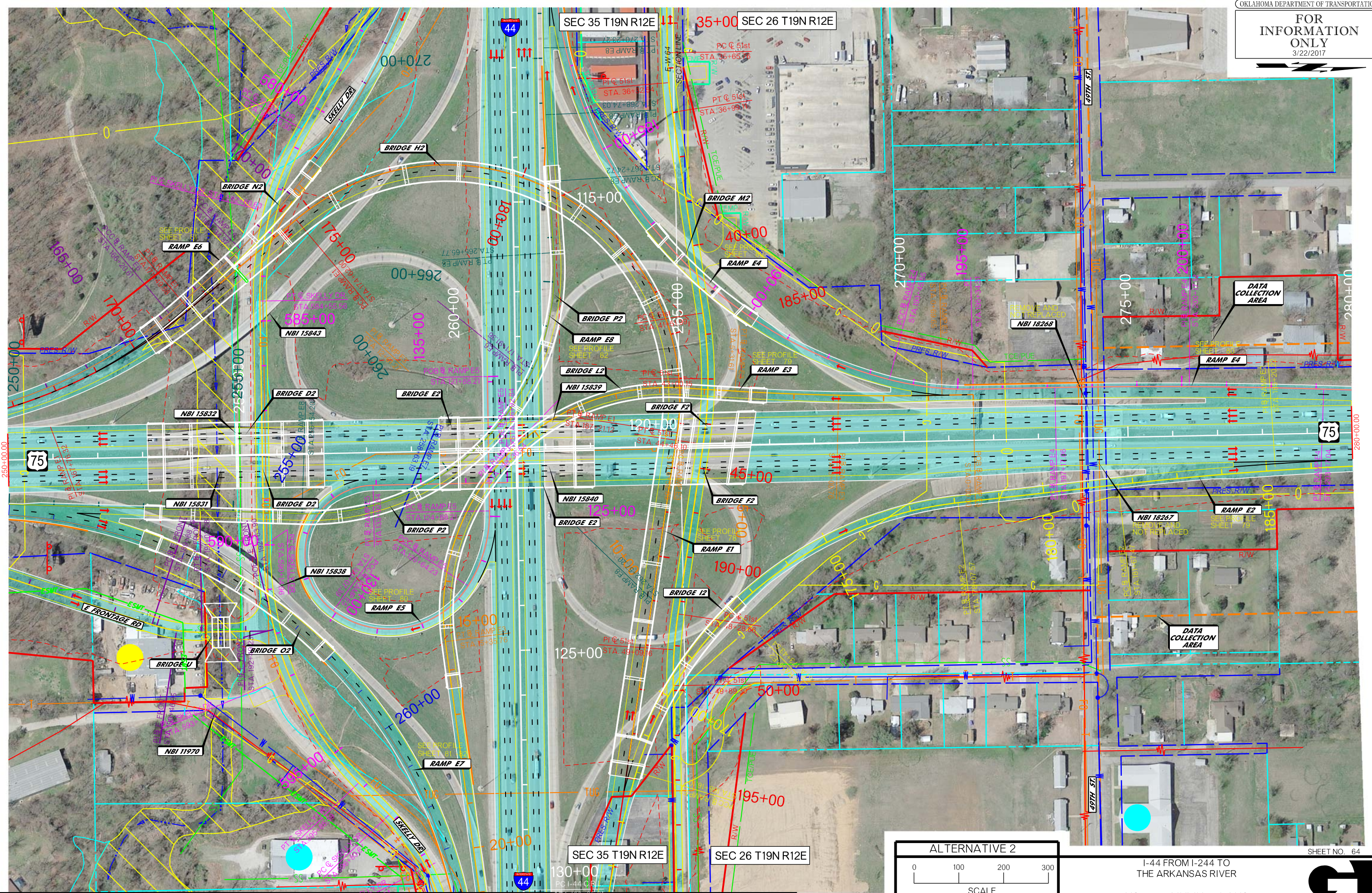
Oklahoma Department of Transportation

I-44 FROM I-244 TO THE ARKANSAS RIVER

US-75 MAINLINE PLANS (SHEET 2 OF 4)

SHEET NO. 63

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ALTERNATIVE 2

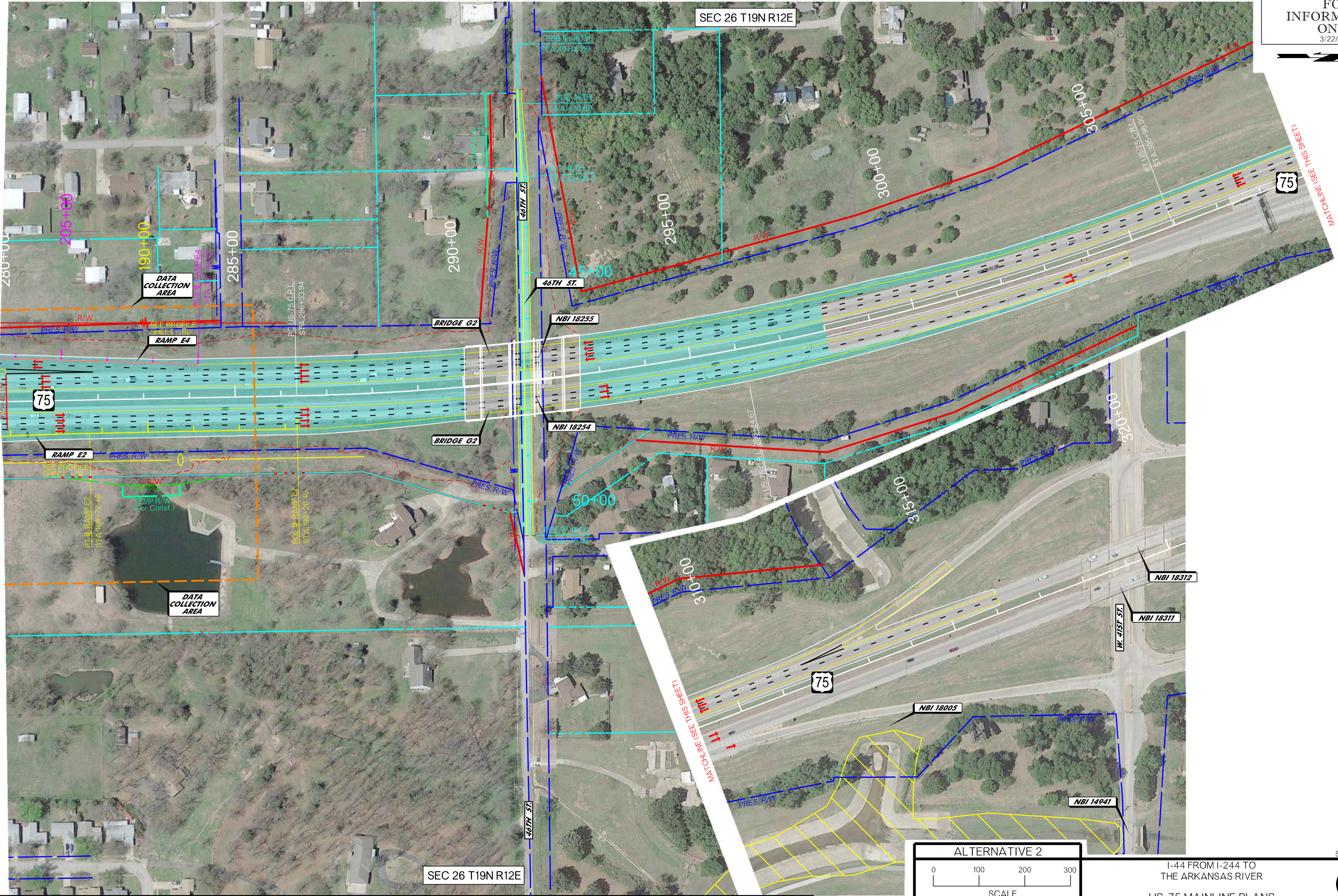
SCALE

Oklahoma Department of Transportation

I-44 FROM I-244 TO THE ARKANSAS RIVER
 US-75 MAINLINE PLANS (SHEET 3 OF 4)

SHEET NO. 64

- LEGEND**
- | | | | | | |
|-----------------------|-------------------|-------------------------|----------------------|------------------------------------|--------------------|
| POWERLINE | WATER | OVERHEAD TELEPHONE LINE | DATA COLLECTION AREA | UST/AST SITE | FLOODPLAIN ZONE AE |
| FIBER OPTIC | OIL LINE | EXISTING RIGHT-OF-WAY | STREAM FLOWLINE | POTENTIAL HAZARDOUS MATERIALS SITE | FLOODWAY ZONE AE |
| GAS LINE | POWER UNDERGROUND | PROPERTY LINE | TEMP RIGHT-OF-WAY | LUST/LAST SITE | TRAFFIC MIXTURE |
| TELEPHONE UNDERGROUND | SANITARY SEWER | PROPOSED RIGHT-OF-WAY | UTILITY EASEMENT | | |



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LEGEND

- POWER LINE
- FO FIBER OPTIC
- GAS LINE
- TELEPHONE UNDERGROUND
- WATER
- OIL LINE
- - - PUG POWER UNDERGROUND
- - - SANITARY SEWER
- OVERHEAD TELEPHONE LINE
- EXISTING RIGHT-OF-WAY
- - - PROPERTY LINE
- - - PROPOSED RIGHT-OF-WAY
- DATA COLLECTION AREA
- STREAM FLOWLINE
- TEMP RIGHT-OF-WAY
- UTILITY EASEMENT
- UST/AST SITE
- POTENTIAL HAZARDOUS MATERIALS SITE
- LUST/LAST SITE
- FLOODPLAIN ZONE AE
- FLOODWAY ZONE AE
- TRADE FUTURE

ALTERNATIVE 2

SCALE

Oklahoma Department of Transportation

I-44 FROM I-244 TO THE ARKANSAS RIVER

US-75 MAINLINE PLANS (SHEET 4 OF 4)

SHEET NO. 65

ALTERNATIVE 2: I-44														
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL						VERTICAL			DESIGN SPEED
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	
	POB	39+50.00												
I-44-1	PI	133+88.00	2864.79	14°01'30.00" LT	2°00'00.00"	701.25	352.39	21.59	0.06	0.050	65	65	194.85 (65)	99.38 (50-SSD) (65-Comfort)
I-44-2	PI	149+45.13	2864.79	13°44'17.06" RT	2°00'00.00"	686.90	345.11	20.71	0.06	0.050	65			
	POE	188+60.87												

ALTERNATIVE 2: US-75														
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL						VERTICAL			DESIGN SPEED
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	
	POB	191+22.16												
US-75-1	PI	296+24.67	5729.58	19°37'14.04" LT	1°00'00.00"	1962.06	990.73	85.02	0.06	0.030	65	65	684.92 (80)	165.48 (65)
	PI	331+94.65												
	POE													

ALTERNATIVE 2: W001 (WB I-44 TO CONTINUE WB I-44)														
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL						VERTICAL			DESIGN SPEED
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	
	POB	321+99.88												
W-1-1	PI	334+61.26	954.93	33°12'51.11" RT	6°00'00.00"	553.57	284.81	41.57	0.06	0.060	50	55	116.94 (55)	N/A
W-1-2	PI	339+61.78	1145.92	22°52'00.74" RT	5°00'00.00"	457.34	231.75	23.20	0.06	0.058	50			
	POE	A39+50.00												

ALTERNATIVE 2: W002 (EB I-44 TO CONTINUE EB I-44)														
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL						VERTICAL			DESIGN SPEED
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	
	POB	325+96.20												
W-2-1	PI	327+63.34	1637.02	11°39'33.65" RT	3°30'00.00"	333.12	167.14	8.51	0.06	0.050	50	50	94.04 (50)	N/A
W-2-2	PI	335+34.30	1432.39	29°12'52.78" RT	4°00'00.00"	730.37	373.31	47.85	0.06	0.052	50			
W-2-3	PI	346+41.07	2864.79	12°38'23.57" RT	2°00'00.00"	631.99	317.28	17.52	0.06	0.036	50			
	POE	351+73.35												

ALTERNATIVE 2: W004 (WB I-44 TO GILCREASE EXPY)														
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL						VERTICAL			DESIGN SPEED
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	
	POB	14+40.88												
W-4-1	PI	15+93.28	1909.86	9°07'29.03" LT	3°00'00.00"	304.16	152.40	6.07	0.06	0.046	50	N/A	N/A	N/A
W-4-2	PI	21+53.75	1909.86	12°52'38.06" RT	3°00'00.00"	429.24	215.53	12.12	0.06	0.046	50			
	POE	33+80.97												

ALTERNATIVE 2: W005 (GILCREASE EXPY TO EB I-44)														
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL						VERTICAL			DESIGN SPEED
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	
	POB	14+68.21												
W-5-1	PI	16+48.27	2291.83	8°59'03.96" RT	2°30'00.00"	359.38	180.06	7.06	0.06	0.042	50	55	128.68 (55)	N/A
W-5-2	PI	23+71.64	1909.86	12°53'47.91" LT	3°00'00.00"	429.89	215.86	12.16	0.06	0.046	50			
W-5-3	PI	29+57.24	5729.58	5°14'06.43" LT	1°00'00.00"	523.51	261.94	5.98	0.06	RC	50			
W-5-4	PI	34+47.97	2864.79	9°08'48.87" RT	2°00'00.00"	457.35	229.16	9.15	0.06	0.036	50			
	POE	39+49.94												

ALTERNATIVE 2: W006 (WB I-44 TO EB I-244)														
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL						VERTICAL			DESIGN SPEED
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	
	POB	20+48.16												
W-6-1	PI	23+17.01	2864.79	3°05'52.97" LT	2°00'00.00"	154.90	77.47	1.05	0.06	0.022	35	50	86.21 (50)	N/A
W-6-2	PI	26+18.37	381.97	60°44'46.80" LT	14°59'59.99"	404.98	223.86	60.77	0.06	0.060	35			
W-6-3	PI	31+60.79	381.97	57°45'09.99" LT	14°59'59.99"	385.02	210.65	54.24	0.06	0.060	35			
	POE	39+61.39												

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ALTERNATIVE 2

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		
CHECKED		
APPROVED		
SQUAD	GARVER	GEOMETRIC SUMMARY SHEET (SHEET 1 OF 5)
COUNTY	TULSA	HIGHWAY I-44 STATE JOB NO. 32728(04) SHEET NO. 66

ALTERNATIVE 2: RAMP E1 (WB I-44 TO SB US-75)															
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	HORIZONTAL							VERTICAL			DESIGN SPEED (MPH)		
			DELTA	DEGREE	ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)		MIN SAG K (MPH)	
	POB	156+90.00													
E-1-1	PI	167+76.32	1145.92	38°53'28.04" LT	5°00'00.00"	777.82	404.57	69.32	0.06	0.058	50	40	55.65 (40)	67.93 (40)	40
E-1-2	PI	188+36.95	520.87	38°30'13.88" RT	11°00'00.00"	1259.13	1374.95	949.44	0.06	0.060	40				
E-1-3	PI	201+54.25	2083.48	20°22'15.84" LT	2°45'00.00"	740.77	374.33	33.36	0.06	0.044	50				
	POE	210+67.81													

ALTERNATIVE 2: RAMP E2 (WB I-44 TO NB US-75)															
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	HORIZONTAL							VERTICAL			DESIGN SPEED (MPH)		
			DELTA	DEGREE	ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)		MIN SAG K (MPH)	
	POB	165+18.80													
E-2-1	PI	166+67.70	2083.48	8°10'33.30" RT	2°45'00.00"	297.31	148.91	5.31	0.06	0.044	50	50	87.72 (50)	164.84 (65)	50
E-2-2	PI	173+77.12	848.83	66°55'26.05" RT	6°45'00.00"	991.47	561.02	168.64	0.06	0.060	50				
E-2-3	PI	185+20.22	7639.44	5°17'14.81" RT	0°45'00.00"	704.99	352.75	8.14	0.06	RC	50				
	POE	193+26.40													

ALTERNATIVE 2: RAMP E3 (SB US-75 TO EB I-44)															
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	HORIZONTAL							VERTICAL			DESIGN SPEED (MPH)		
			DELTA	DEGREE	ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)		MIN SAG K (MPH)	
	POB	0+00.00													
E-3-1	PI	3+00.76	5729.58	4°37'10.53" RT	1°00'00.00"	461.96	231.10	4.66	0.06	NC	40	40	44.83 (40)	64.62 (40)	40
E-3-2	PI	12+61.27	500.00	101°10'15.39" LT	11°27'32.96"	882.88	608.40	287.49	0.06	0.060	40				
E-3-3	PI	25+12.87	2546.48	7°11'59.66" LT	2°15'00.00"	320.00	160.21	5.03	0.06	0.038	50				
	POE	30+81.48													

ALTERNATIVE 2: RAMP E4 (SB US-75 TO WB I-44)															
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	HORIZONTAL							VERTICAL			DESIGN SPEED (MPH)		
			DELTA	DEGREE	ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)		MIN SAG K (MPH)	
	POB	160+83.27													
E-4-1	PI	169+29.85	8594.37	3°45'04.54" LT	0°40'00.00"	562.69	281.45	4.61	0.06	NC	50	50	89.29 (50)	97.22 (50)	40
E-4-2	PI	175+10.23	8594.37	3°59'12.41" RT	0°40'00.00"	598.02	299.13	5.20	0.06	NC	50				
E-4-3	PI	188+06.89	996.45	74°41'52.05" LT	5°45'00.00"	1299.09	760.43	257.02	0.06	0.060	50				
E-4-4	PI	194+40.51	694.49	15°34'22.29" LT	8°15'00.00"	188.76	94.97	6.46	0.06	0.056	40				
E-4-5	PI	200+17.12	11459.16	2°59'59.57" RT	0°30'00.00"	599.98	300.06	3.93	0.06	NC	50				
	POE	207+98.90													

ALTERNATIVE 2: RAMP E5 (EB I-44 TO NB US-75)															
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	HORIZONTAL							VERTICAL			DESIGN SPEED (MPH)		
			DELTA	DEGREE	ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)		MIN SAG K (MPH)	
	POB	121+88.21													
E-5-1	PI	125+78.84	300.00	33°37'08.99" RT	19°05'54.94"	176.03	90.63	13.39	0.06	0.050	25	30	56.18 (40)	37.50 (30)	25
E-5-2	PI	128+87.96	210.00	93°37'30.74" RT	27°17'01.34"	343.15	223.73	96.84	0.06	0.058	25				
E-5-3	PI	134+63.77	155.00	142°28'54.36" RT	36°57'54.07"	385.45	456.38	326.98	0.06	0.060	25				
	POE	136+92.84													

ALTERNATIVE 2: RAMP E6 (EB I-44 TO SB US-75)															
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	HORIZONTAL							VERTICAL			DESIGN SPEED (MPH)		
			DELTA	DEGREE	ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)		MIN SAG K (MPH)	
	POB	161+34.34													
E-6-1	PI	163+81.99	1041.74	26°44'40.93" LT	5°30'00.00"	486.27	247.65	29.03	0.06	0.060	50	50	100.00 (50)	96.98 (50)	50
E-6-2	PI	167+27.54	2864.79	4°16'31.18" LT	2°00'00.00"	213.77	106.93	2.00	0.06	0.036	50				
E-6-3	PI	174+83.03	1637.02	43°13'52.65" LT	3°30'00.00"	1235.18	648.66	123.83	0.06	0.050	50				
	POE	189+50.97													

ALTERNATIVE 2: RAMP E7 (NB US-75 TO EB I-44)															
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	HORIZONTAL							VERTICAL			DESIGN SPEED (MPH)		
			DELTA	DEGREE	ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)		MIN SAG K (MPH)	
	POB	240+50.00													
E-7-1	PI	258+63.19	1091.35	78°37'05.46" RT	5°15'00.00"	1497.49	893.55	319.14	0.06	0.058	50	50	93.75 (50)	104.65 (50)	50
E-7-2	PI	270+56.60	2864.79	9°22'26.27" LT	2°00'00.00"	468.70	234.87	9.61	0.06	0.036	50				
E-7-3	PI	282+36.17	2801.79	17°44'33.72" RT	2°02'41.89"	867.63	437.31	33.92	0.06	0.036	50				
	POE	289+01.95													

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ALTERNATIVE 2

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		GEOMETRIC SUMMARY SHEET (SHEET 2 OF 5)
CHECKED		
APPROVED		
SQUAD	GARVER	
COUNTY	TULSA	HIGHWAY 1-44 STATE JOB NO. 32728(04) SHEET NO. 67

ALTERNATIVE 2: RAMP E8 (NB US-75 TO WB I-44)														
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL					VERTICAL				DESIGN SPEED (MPH)
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	
	POB	248+85.05												
E-8-1	PI	262+57.20	545.67	95°42'53.04" LT	10°30'00.00"	911.57	603.01	267.58	0.06	0.060	40	40	44.46 (40)	38.27 (30-SSD) (40-Comfort)
E-8-2	PI	268+74.03	5729.58	2°59'07.81" RT	1°00'00.00"	298.55	149.31	1.95	0.06	NC	40			
	POE	273+07.39												

ALTERNATIVE 2: RAMP O1 (33RD WB ON RAMP)														
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL					VERTICAL				DESIGN SPEED (MPH)
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	
	POB	46+70.48												
O-1-1	PI	48+28.70	954.93	15°07'51.83" LT	6°00'00.00"	252.18	126.83	8.39	0.06	0.044	35	25	29.33 (35)	18.46 (20-SSD) (25-Comfort)
	PI	52+95.75												
	POE	52+95.75												

ALTERNATIVE 2: RAMP O2 (33RD WB OFF RAMP)														
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL					VERTICAL				DESIGN SPEED (MPH)
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	
	POB	52+67.68												
O-2-1	PI	55+01.70	540.00	15°15'58.73" LT	10°36'37.19"	143.88	72.37	4.83	0.06	0.056	35	30	41.79 (35)	25.00 (20-SSD) (30-Comfort)
	PI	65+00.00												
	POE	65+00.00												

ALTERNATIVE 2: RAMP F4 (33RD EB OFF RAMP)														
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL					VERTICAL				DESIGN SPEED (MPH)
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	
	POB	54+40.00												
F-4-1	PI	61+60.00	90.00	90°00'00.00" RT	63°39'43.12"	141.37	90.00	37.28	0.06	0.060	20	25	N/A	26.32 (25)
	PI	62+69.37												
	POE	62+69.37												

ALTERNATIVE 2: RAMP F5 (33RD EB ON RAMP)														
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL					VERTICAL				DESIGN SPEED (MPH)
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	
	POB	61+34.62												
F-5-1	PI	62+82.62	83.00	90°00'00.00" RT	69°01'51.81"	130.38	83.00	34.38	0.06	0.060	20	40	56.82 (40)	N/A
	PI	70+78.94												
	POE	70+78.94												

ALTERNATIVE 2: RAMP H1 (RIVER BRIDGE WB OFF RAMP)														
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL					VERTICAL				DESIGN SPEED (MPH)
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	
	POB	0+00.00												
H-1-1	PI	2+43.03	150.00	90°51'44.16" LT	38°11'49.87"	237.88	152.27	63.75	0.06	0.060	25	25	50.00 (40)	18.33 (20-SSD) (25-Comfort)
	PI	14+15.96												
	POE	14+15.96												

ALTERNATIVE 2: RAMP H2 (RIVER BRIDGE EB ON RAMP)														
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL					VERTICAL				DESIGN SPEED (MPH)
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	
	POB	151+97.57												
H-2-1	PI	153+15.15	90.00	35°53'24.28" RT	63°39'43.12"	56.38	29.15	4.60	0.06	0.060	20	30	22.46 (30)	47.67 (30)
H-2-2	PI	160+50.55	4583.66	2°29'12.00" RT	1°15'00.00"	198.93	99.48	1.08	0.06	0.026	50			
	POE	171+33.14												

ALTERNATIVE 2: RAMP G1 (UNION WB ON RAMP)														
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL					VERTICAL				DESIGN SPEED (MPH)
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	
	POB	79+29.29												
G-1-1	PI	83+36.21	4583.66	3°39'14.88" LT	1°15'00.00"	292.33	146.21	2.33	0.06	0.026	50	50	N/A	102.94 (50)
G-1-2	PI	98+31.70	150.00	56°06'38.69" LT	38°11'49.87"	146.90	79.94	19.97	0.06	0.060	25			
	POE	100+43.65												

ALTERNATIVE 2

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		GEOMETRIC SUMMARY SHEET (SHEET 3 OF 5)
CHECKED		
APPROVED		
SQUAD	GARVER	
COUNTY	TULSA	

ALTERNATIVE 2: RAMP G2 (UNION EB OFF RAMP)															
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL						VERTICAL			DESIGN SPEED	
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	V _{design} (MPH)	
	POB	86+20.00													
G-2-1	PI	98+35.14	90.00	66°38'25.51" RT	63°39'43.12"	104.68	59.16	17.71	0.06	0.060	20	30	N/A	45.05 (30)	20
	POE	99+49.38													

ALTERNATIVE 2: RAMP A 61ST (61ST SB ON RAMP)															
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL						VERTICAL			DESIGN SPEED	
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	V _{design} (MPH)	
	POB	198+00.00													
A-1	PI	202+39.30	1273.24	12°29'15.82" LT	4°30'00.00"	277.51	139.30	7.60	0.06	0.056	50	50	357.14 (75)	106.38 (50)	40
A-2	PI	211+07.31	532.98	12°45'10.78" RT	10°45'00.00"	118.63	59.56	3.32	0.06	0.060	40				
	POE	212+23.37													

ALTERNATIVE 2: RAMP B 61ST (61ST NB OFF RAMP)															
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL						VERTICAL			DESIGN SPEED	
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	V _{design} (MPH)	
	POB	196+85.00													
B-1	PI	202+82.34	1273.24	26°17'22.22" RT	4°30'00.00"	584.21	297.34	34.26	0.06	0.056	50	50	158.73 (60)	105.63 (50)	40
B-2	PI	209+43.04	532.98	26°07'42.85" LT	10°45'00.00"	243.06	123.68	14.16	0.06	0.060	40				
	POE	212+56.18													

ALTERNATIVE 2: RAMP C 61ST (61ST NB ON RAMP)															
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL						VERTICAL			DESIGN SPEED	
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	V _{design} (MPH)	
	POB	216+15.91													
C-1	PI	218+29.67	150.00	46°18'06.71" RT	38°11'49.87"	121.22	64.14	13.14	0.06	0.060	25	55	N/A	121.95 (55)	25
C-2	PI	222+49.03	1273.24	13°32'13.92" RT	4°30'00.00"	300.83	151.12	8.94	0.06	0.056	50				
	POE	225+48.73													

ALTERNATIVE 2: RAMP D 61ST (61ST SB OFF RAMP)															
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL						VERTICAL			DESIGN SPEED	
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	V _{design} (MPH)	
	POB	211+83.88													
D-1	PI	214+19.00	532.98	13°34'48.84" RT	10°45'00.00"	126.33	63.46	3.76	0.06	0.056	35	50	333.33 (75)	102.04 (50)	30
D-2	PI	221+96.91	1273.24	13°50'43.80" LT	4°30'00.00"	307.68	154.59	9.35	0.06	0.056	50				
	POE	226+50.00													

ALTERNATIVE 2: SKELLY															
CURVE NO.	EVENT STATIONS	RADIUS (FEET)	DELTA	DEGREE	HORIZONTAL						VERTICAL			DESIGN SPEED	
					ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	V _{design} (MPH)	
	POB	499+92.99													
SK-1	PI	510+42.56	2864.79	6°50'00.11" RT	2°00'00.00"	341.67	171.04	5.10	LSU	NC	40	40	46.88 (40)	64.71 (40)	25
SK-2	PI	514+87.26	1145.92	13°01'37.60" RT	5°00'00.00"	260.54	130.84	7.44	LSU	NC	40				
SK-3	PI	526+32.35	1145.92	3°13'05.62" LT	5°00'00.00"	64.36	32.19	0.45	LSU	NC	40				
SK-4	PI	530+36.06	763.94	18°05'23.10" LT	7°30'00.00"	241.20	121.61	9.62	LSU	NC	40				
SK-5	PI	534+21.14	1145.92	18°07'32.07" RT	5°00'00.00"	362.51	182.78	14.49	LSU	NC	40				
SK-6	PI	553+92.15	5729.58	3°26'02.13" RT	1°00'00.00"	343.39	171.75	2.57	LSU	NC	40				
SK-7	PI	561+00.01	485.00	14°39'51.66" RT	11°48'48.83"	124.13	62.41	4.00	LSU	0.060	40				
SK-8	PI	564+55.14	485.00	18°01'17.79" LT	11°48'48.83"	152.55	76.91	6.06	LSU	0.060	40				
SK-9	PI	576+16.33	485.00	30°04'34.97" RT	11°48'48.83"	254.59	130.30	17.20	LSU	0.060	40				
SK-10	PI	582+60.60	763.94	29°56'39.68" LT	7°30'00.00"	399.26	204.30	26.85	LSU	NC	40				
SK-11	PI	593+14.33	763.94	42°47'50.74" LT	7°30'00.00"	570.63	299.37	56.56	LSU	NC	40				
SK-12	PI	598+32.74	485.00	34°10'17.97" RT	11°48'48.83"	289.26	149.07	22.39	LSU	0.060	40				
SK-13	PI	605+36.51	2988.84	8°19'40.57" LT	1°55'01.17"	434.43	217.60	7.91	LSU	NC	40				
SK-14	PI	616+58.84	2624.67	12°45'43.98" RT	2°10'58.70"	584.63	293.53	16.36	LSU	NC	40				
SK-15	PI	620+86.06	164.00	79°23'17.12" RT	34°56'11.22"	227.24	136.13	49.13	LSU	0.060	25				
	POE	621+77.17													

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ALTERNATIVE 2

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		
CHECKED		
APPROVED		GEOMETRIC SUMMARY SHEET (SHEET 4 OF 5)
SQUAD	GARVER	
COUNTY	TULSA	HIGHWAY 1-44 STATE JOB NO. 32728(04) SHEET NO. 69

ALTERNATIVE 2: 51ST STREET (UNDER US-75)														
CURVE NO.	EVENT STATIONS	HORIZONTAL									VERTICAL			DESIGN SPEED
		RADIUS (FEET)	DELTA	DEGREE	ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	
	POB 20+00.00													
51-75-1	PI 22+56.21	3608.92	1°53'57.19" RT	1°35'15.42"	119.63	59.82	0.50	LSU	NC	40	40	48.08 (40)	80.21 (45)	40
51-75-2	PI 36+32.54	984.25	7°45'43.98" LT	5°49'16.55"	133.34	66.77	2.26	LSU	NC	40				
51-75-3	PI 43+00.15	984.25	17°07'16.89" RT	5°49'16.55"	294.12	148.16	11.09	LSU	NC	40				
51-75-4	PI 49+09.16	984.25	9°21'05.77" LT	5°49'16.55"	160.65	80.50	3.29	LSU	NC	40				
51-75-5	PI 68+10.56	918.63	20°19'24.05" LT	6°14'13.44"	325.85	164.65	14.64	LSU	NC	40				
	POE 69+71.76													

ALTERNATIVE 2: 51ST STREET (UNDER I-44)														
CURVE NO.	EVENT STATIONS	HORIZONTAL									VERTICAL			DESIGN SPEED
		RADIUS (FEET)	DELTA	DEGREE	ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	
	POB 76+68.95													
51-44-1	PI 78+40.15	954.93	20°19'42.99" RT	6°00'00.00"	338.81	171.20	15.23	LSU	NC	40	30	32.26 (35)	48.39 (30)	30
51-44-2	PI 87+00.43	250.00	90°00'01.29" RT	22°55'05.92"	392.70	250.00	103.55	LSU	0.040	30				
51-44-3	PI 92+83.56	250.00	87°04'56.01" RT	22°55'05.92"	379.97	237.58	94.88	LSU	0.040	30				
	POE 97+69.39													

ALTERNATIVE 2: EAST FRONTAGE ROAD														
CURVE NO.	EVENT STATIONS	HORIZONTAL									VERTICAL			DESIGN SPEED
		RADIUS (FEET)	DELTA	DEGREE	ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	
	POB 148+24.52													
FT-1-1	PI 158+38.36	1148.29	16°10'12.07" LT	4°59'22.72"	324.07	163.12	11.53	0.06	0.046	40	40	252.96 (70)	69.81 (40)	35
FT-1-2	PI 165+25.03	1148.29	16°00'33.08" RT	4°59'22.72"	320.85	161.48	11.30	0.06	0.046	40				
FT-1-3	PI 183+57.55	1637.02	19°14'44.53" RT	3°30'00.00"	549.88	277.55	23.36	0.06	0.038	40				
FT-1-4	PI 190+46.05	340.00	19°07'47.80" LT	16°51'06.12"	113.52	57.29	4.79	0.06	0.060	35				
	POE 192+63.90													

ALTERNATIVE 2: 61ST STREET														
CURVE NO.	EVENT STATIONS	HORIZONTAL									VERTICAL			DESIGN SPEED
		RADIUS (FEET)	DELTA	DEGREE	ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	
	POB 10+00.00										40	44.44 (40)	70.59 (40)	40
	POE 20+77.33													

ALTERNATIVE 2: 33RD WEST AVENUE														
CURVE NO.	EVENT STATIONS	HORIZONTAL									VERTICAL			DESIGN SPEED
		RADIUS (FEET)	DELTA	DEGREE	ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	
	POB 107+00.00										30	21.88 (30)	37.96 (30)	30
	POE 113+05.04													

ALTERNATIVE 2: 46TH STREET														
CURVE NO.	EVENT STATIONS	HORIZONTAL									VERTICAL			DESIGN SPEED
		RADIUS (FEET)	DELTA	DEGREE	ARC LENGTH (FEET)	TANGENT (FEET)	EXTERNAL (FEET)	E _{max} (FT/FT)	S (FT/FT)	V (MPH)	V (MPH)	MIN CREST K (MPH)	MIN SAG K (MPH)	
	POB 40+00.00										35	29.09 (35)	93.75 (45)	35
	POE 50+75.00													

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ALTERNATIVE 2

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		GEOMETRIC SUMMARY SHEET (SHEET 5 OF 5)
CHECKED		
APPROVED		
SQUAD	GARVER	
COUNTY	TULSA	HIGHWAY 1-44 STATE JOB NO. 32728(04) SHEET NO. 70

BRIDGE SUMMARY

BRIDGE NAME	ROUTE	BRIDGE LENGTH	NO. SPANS	BRIDGE WIDTH	SUPERSTRUCTURE TYPE
BRIDGE B	I-44	223'	3	134'-0"	STEEL GIRDER
BRIDGE C	UNION AVE.	259'	4	73'-4" (INCLUDES 2 - 7'-0" SIDEWALKS)	STEEL GIRDER
BRIDGE D2 (SB)	US 75	324'	4	71'-5"	PRESTRESSED CONCRETE BEAM
BRIDGE D2 (NB)	US 75	324'	4	71'-5"	PRESTRESSED CONCRETE BEAM
BRIDGE E2 (SB)	US 75	262'	2	67'-5"	PRESTRESSED CONCRETE BEAM
BRIDGE E2 (NB)	US 75	262'	2	79'-5"	PRESTRESSED CONCRETE BEAM
BRIDGE F2 (SB)	US 75	99'	1	67'-5"	PRESTRESSED CONCRETE BEAM
BRIDGE F2 (NB)	US 75	99'	1	79'-5"	PRESTRESSED CONCRETE BEAM
BRIDGE G2 (SB)	US 75	184'	3	83'-5"	PRESTRESSED CONCRETE BEAM
BRIDGE G2 (NB)	US 75	184'	3	71'-5"	PRESTRESSED CONCRETE BEAM
BRIDGE H2	RAMP E1	2396'	18	VARIES	8 - PRESTRESSED CONCRETE BEAM 10 - STEEL GIRDER
BRIDGE I2	RAMP E2	351'	4	29'-0"	STEEL GIRDER
BRIDGE J2	BRIDGE TO BE REMOVED				
BRIDGE L2	RAMP E3	1116'	9	29'-0"	2 - PRESTRESSED CONCRETE BEAM 7 - STEEL GIRDER
BRIDGE M2	RAMP E4	234'	3	29'-0"	PRESTRESSED CONCRETE BEAM
BRIDGE N2	RAMP E6	260'	3	29'-0"	STEEL GIRDER
BRIDGE O2	RAMP E7	425'	4	34'-0"	STEEL GIRDER
BRIDGE P2	RAMP E8	1388'	10	29'-0"	3 - PRESTRESSED CONCRETE BEAM 7 - STEEL GIRDER*
BRIDGE R (WB)	I-44	210'	3	71'-6"	STEEL GIRDER
BRIDGE R (EB)	I-44	210'	3	71'-6"	STEEL GIRDER
BRIDGE S	RAMP H2	207'	3	29'-0"	STEEL GIRDER
BRIDGE T (WB)	I-44	2506'	25	VARIES	PRESTRESSED CONCRETE BEAM
BRIDGE T (EB)	I-44	2506'	25	VARIES	PRESTRESSED CONCRETE BEAM
BRIDGE U	TRIPLE 12' X 8' RCB X 69'-0"				
BRIDGE W	61ST STREET	255'	2	86'-4" (INCLUDES 1 - 7' & 1 - 12' SIDEWALKS)	PRESTRESSED CONCRETE BEAM

3/22/2017 10:26:09 AM L:\2016\16037070 - 0DOT EC-1780 144 From 1244 Interchange Drawings\BRIDGE\32728_TABLE.002.dgn

ALTERNATIVE 2

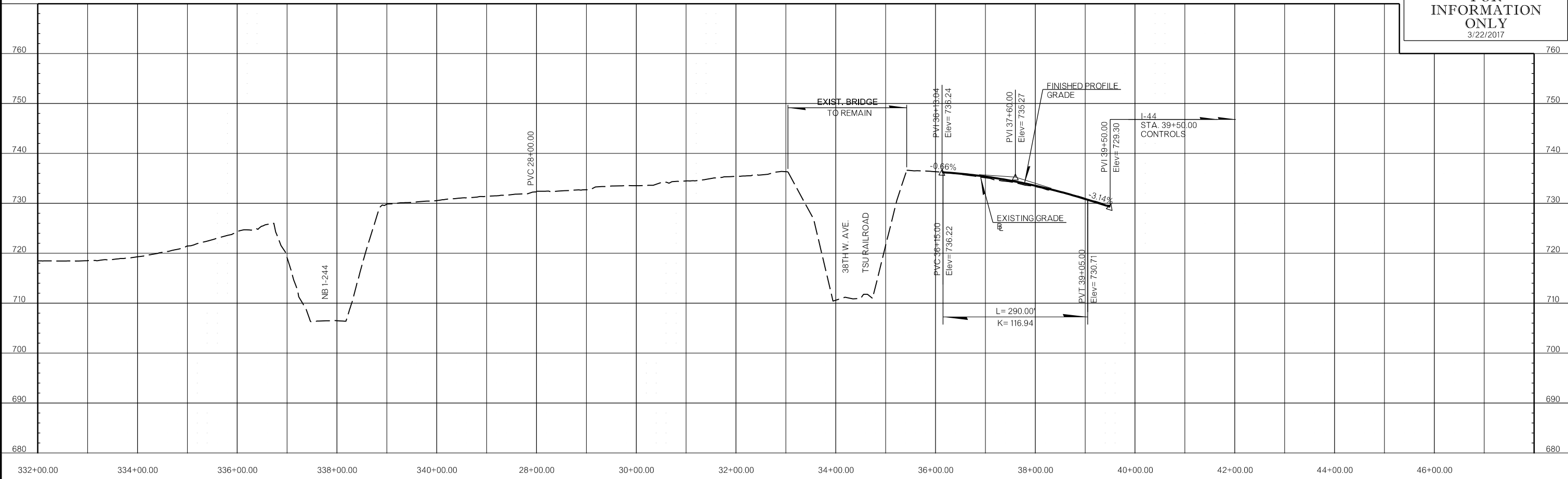
SHEET NO. 71

I-44 FROM I-244 TO
THE ARKANSAS RIVER

BRIDGE SUMMARY SHEET

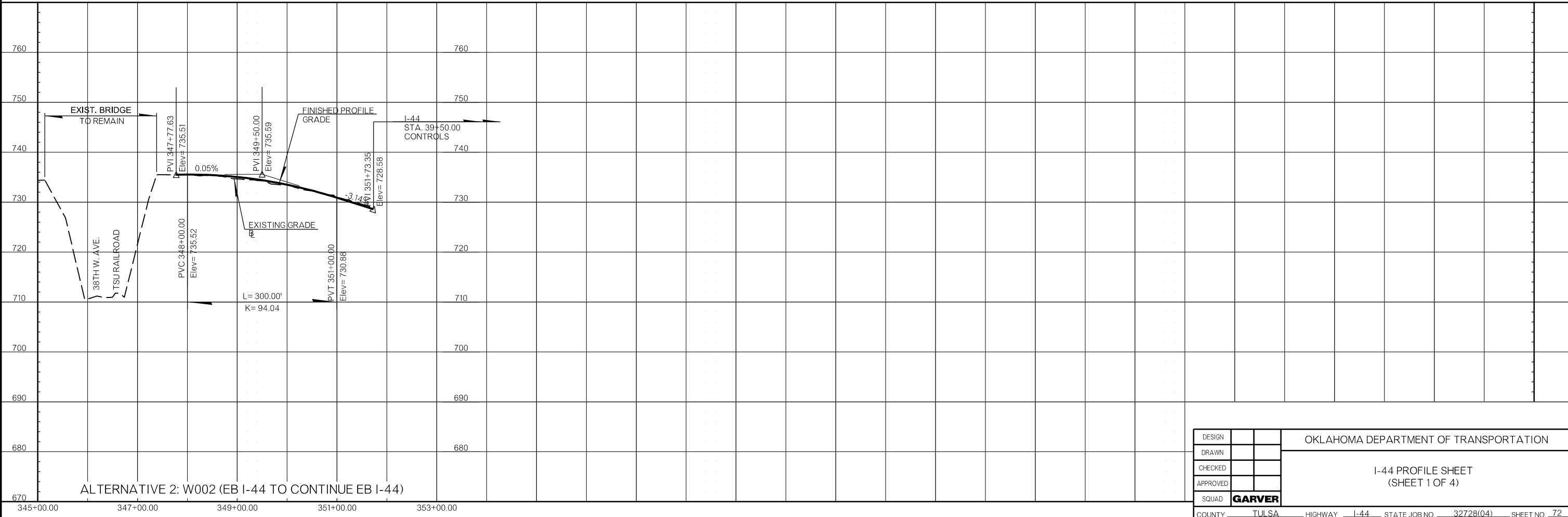
Oklahoma Department
of Transportation





ALTERNATIVE 2: W001 (WB I-44 TO CONTINUE WB I-44)

3/22/2017 10:26:11 AM L:\2016\16037070 - 000T EC-1780 I44 from I244 Interchange\Drawings\32728-PRO-215.dgn



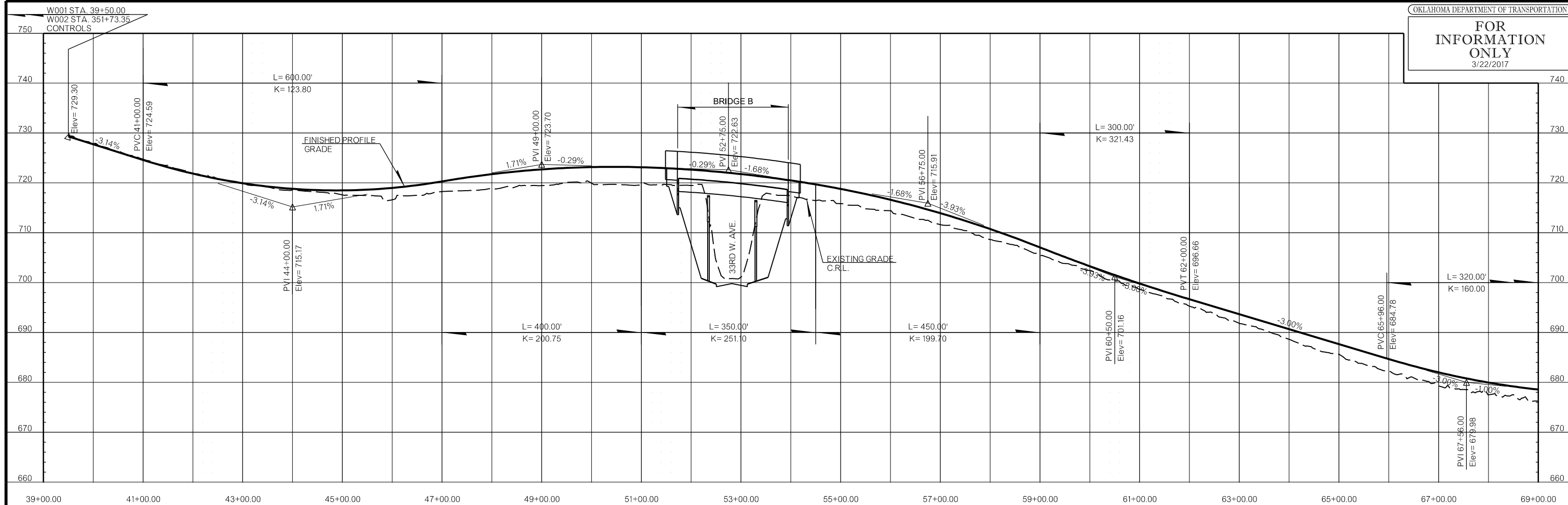
ALTERNATIVE 2: W002 (EB I-44 TO CONTINUE EB I-44)

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		
CHECKED		
APPROVED		
SQUAD	GARVER	

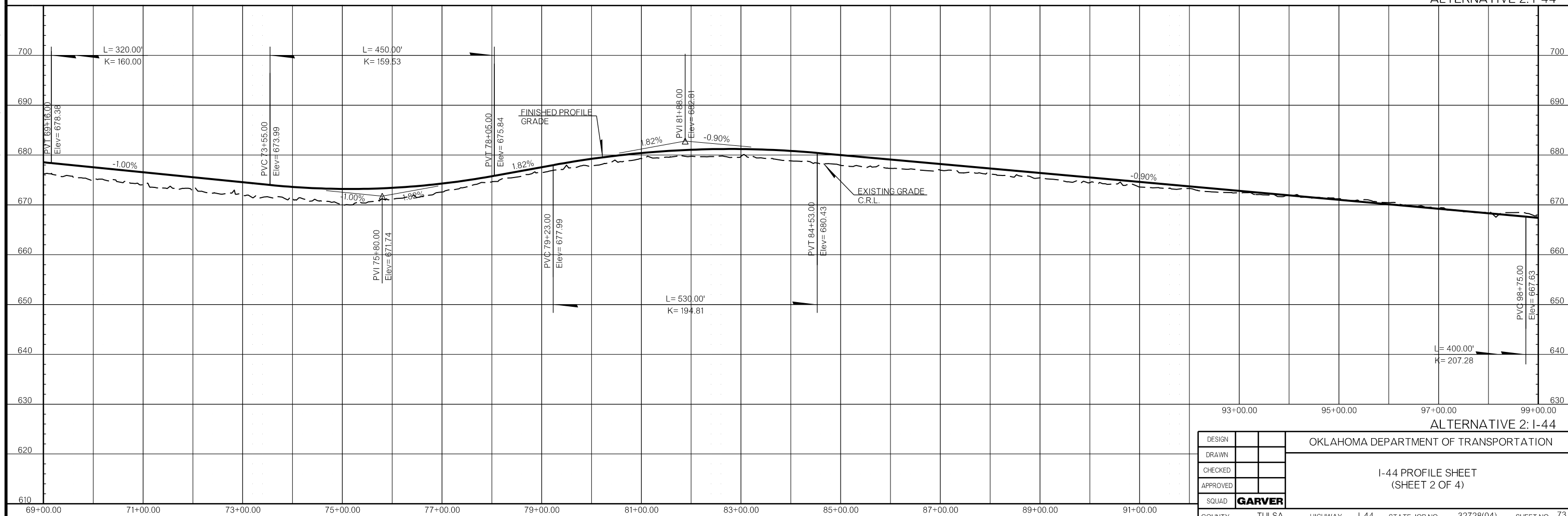
I-44 PROFILE SHEET
(SHEET 1 OF 4)

COUNTY TULSA HIGHWAY I-44 STATE JOB NO. 32728(04) SHEET NO. 72

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3/22/2017



ALTERNATIVE 2: I-44



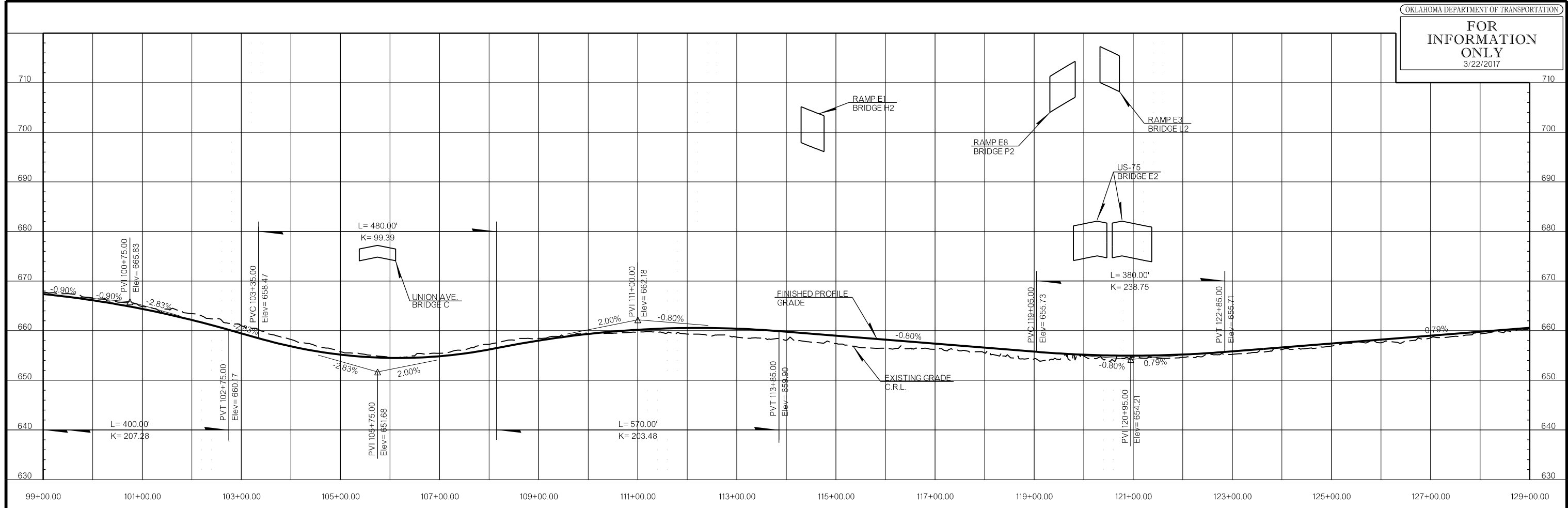
ALTERNATIVE 2: I-44

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		
CHECKED		
APPROVED		
SQUAD	GARVER	
COUNTY TULSA		HIGHWAY I-44
STATE JOB NO. 32728(04)		SHEET NO. 73

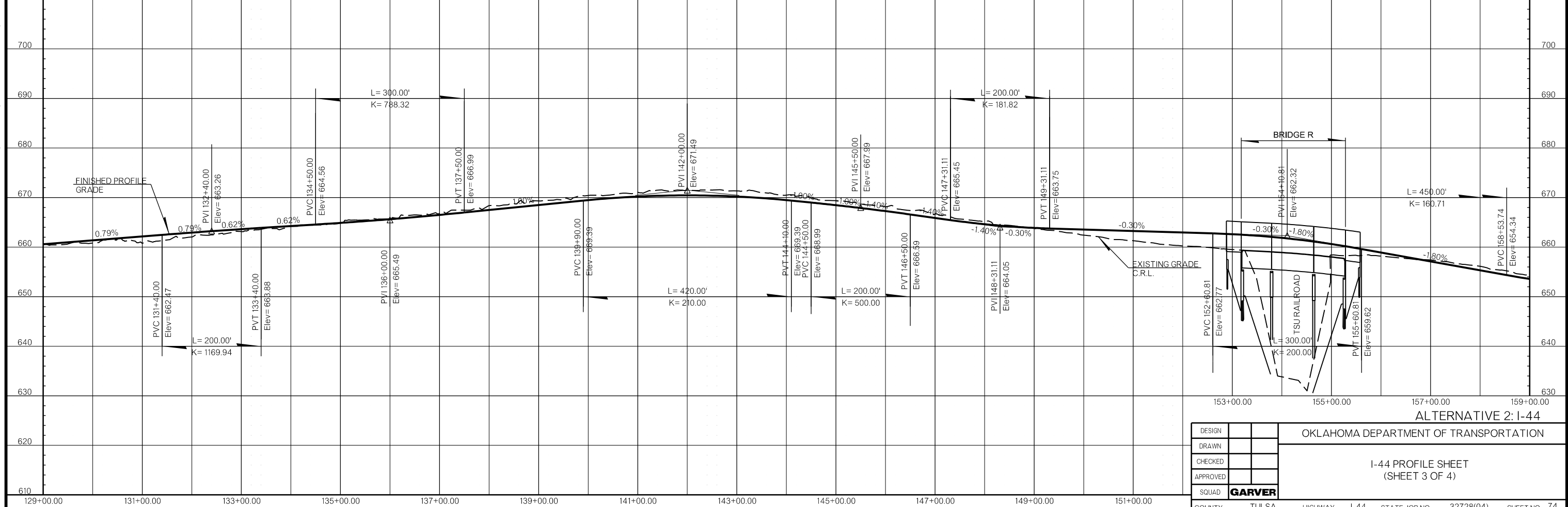
I-44 PROFILE SHEET
(SHEET 2 OF 4)

3/22/2017 10:26:12 AM L:\2016\16037070 - 000T EC-1780 I44 from I244 Interchange\Drawings\32728-PRO-201.dgn

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3/22/2017



ALTERNATIVE 2: I-44

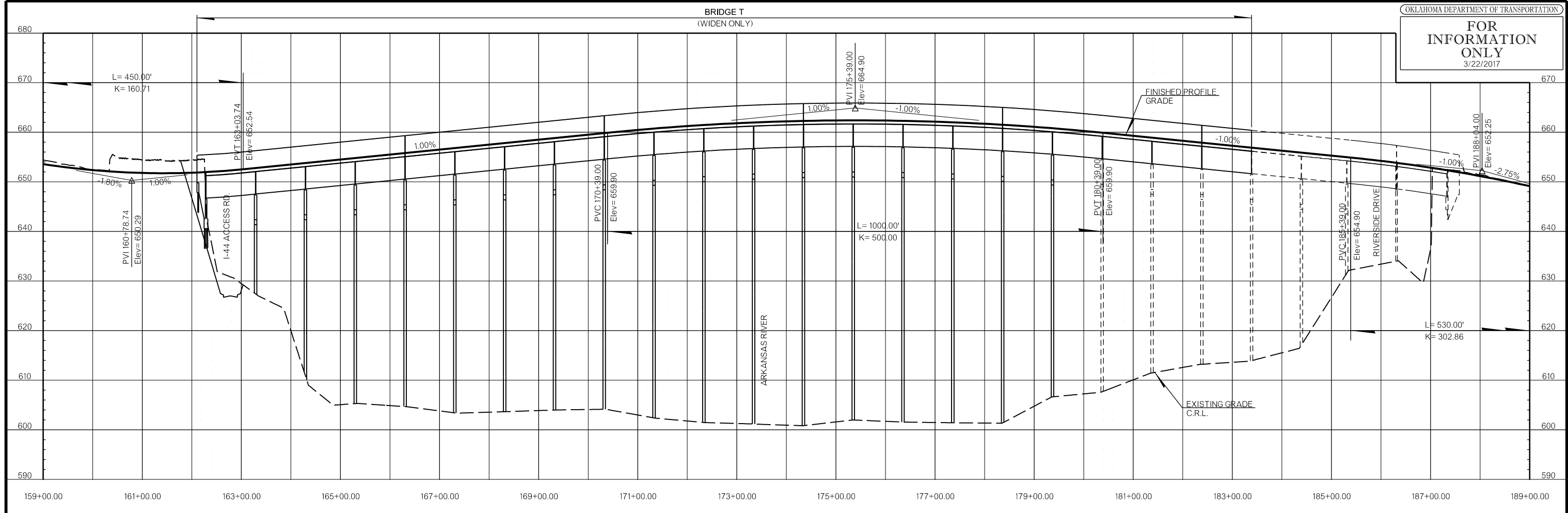


ALTERNATIVE 2: I-44

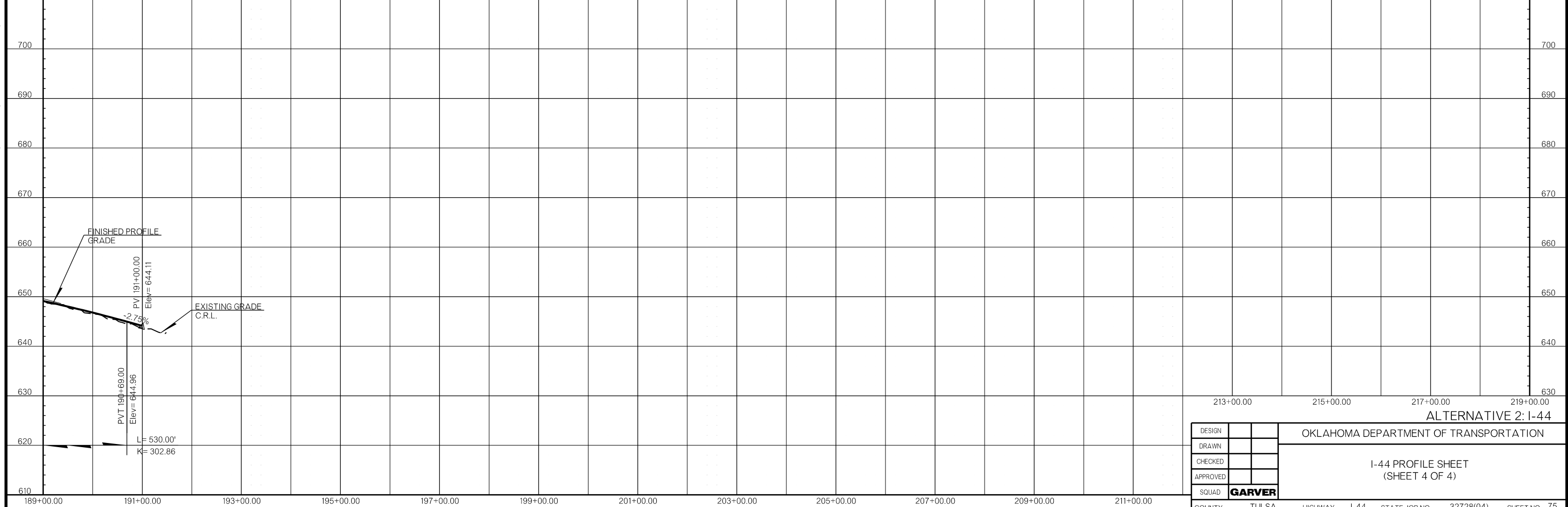
DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		
CHECKED		
APPROVED		
SQUAD	GARVER	
COUNTY TULSA		HIGHWAY I-44
STATE JOB NO. 32728(04)		
		SHEET NO. 74

3/22/2017 10:26:13 AM L:\2016\16037070 - 000T EC-1780 i44 from i244 interchange\Drawings\32728-PRO-202.dgn

BRIDGE T
(WIDEN ONLY)



ALTERNATIVE 2: I-44

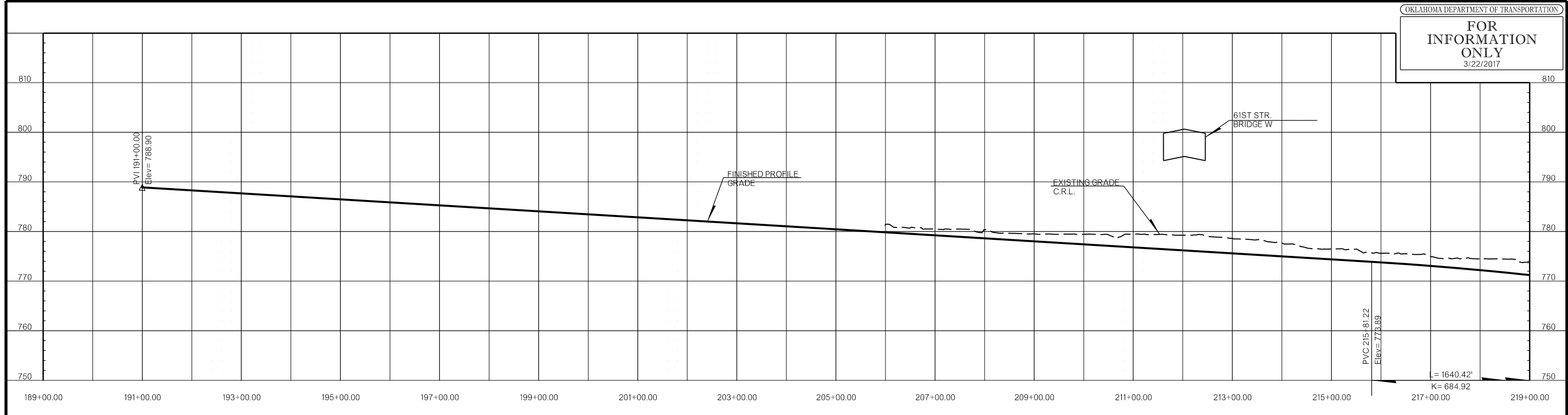


ALTERNATIVE 2: I-44

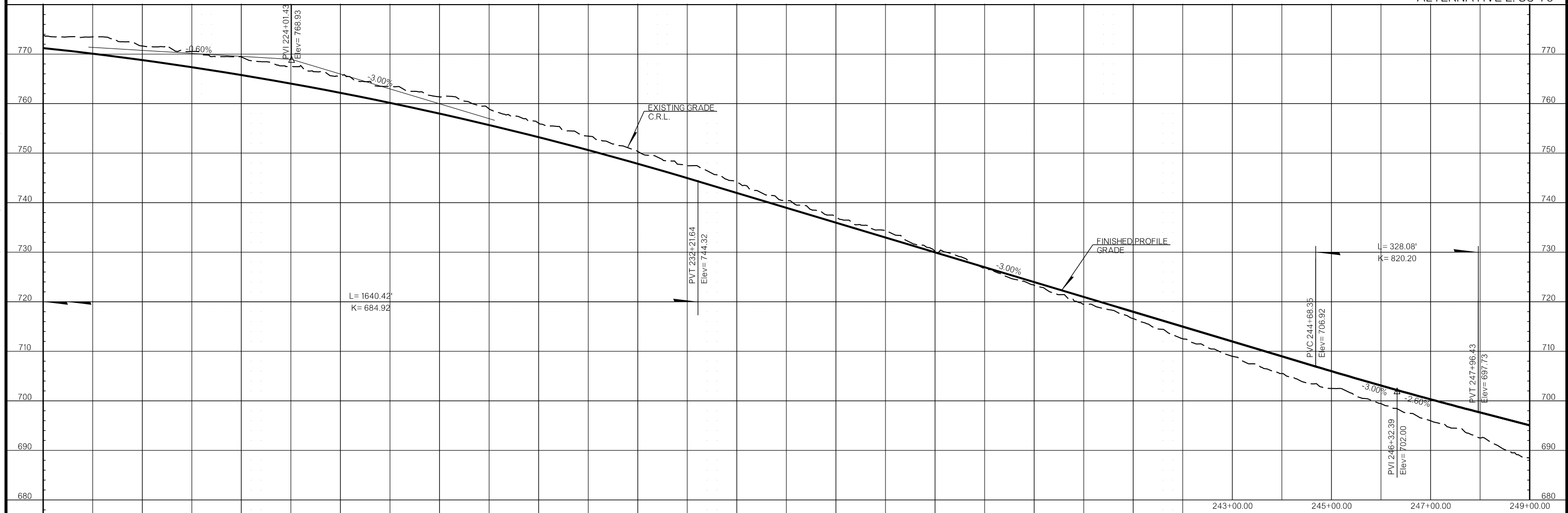
DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		
CHECKED		
APPROVED		
SQUAD	GARVER	
COUNTY	TULSA	HIGHWAY I-44
STATE JOB NO.		32728(04)
SHEET NO.		75

I-44 PROFILE SHEET
(SHEET 4 OF 4)

3/22/2017 10:26:14 AM L:\2016\16037070 - 000T EC-1780 I44 from I244 Interchange\Drawings\32728-PRO-203.dgn



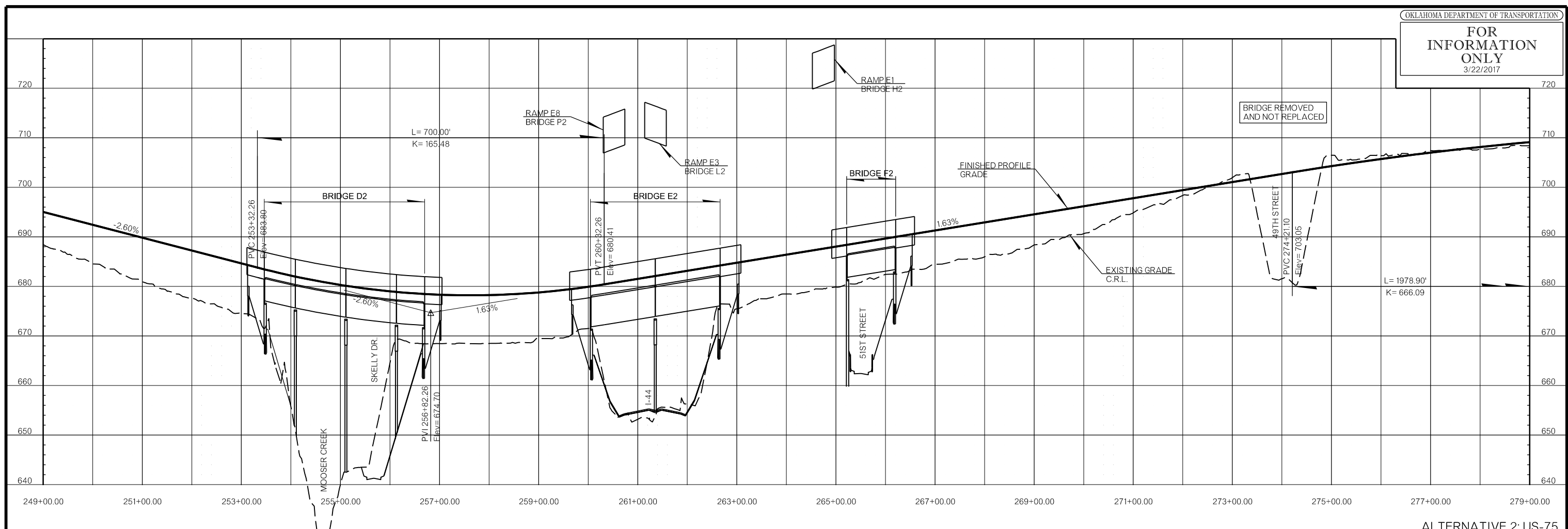
ALTERNATIVE 2: US-75



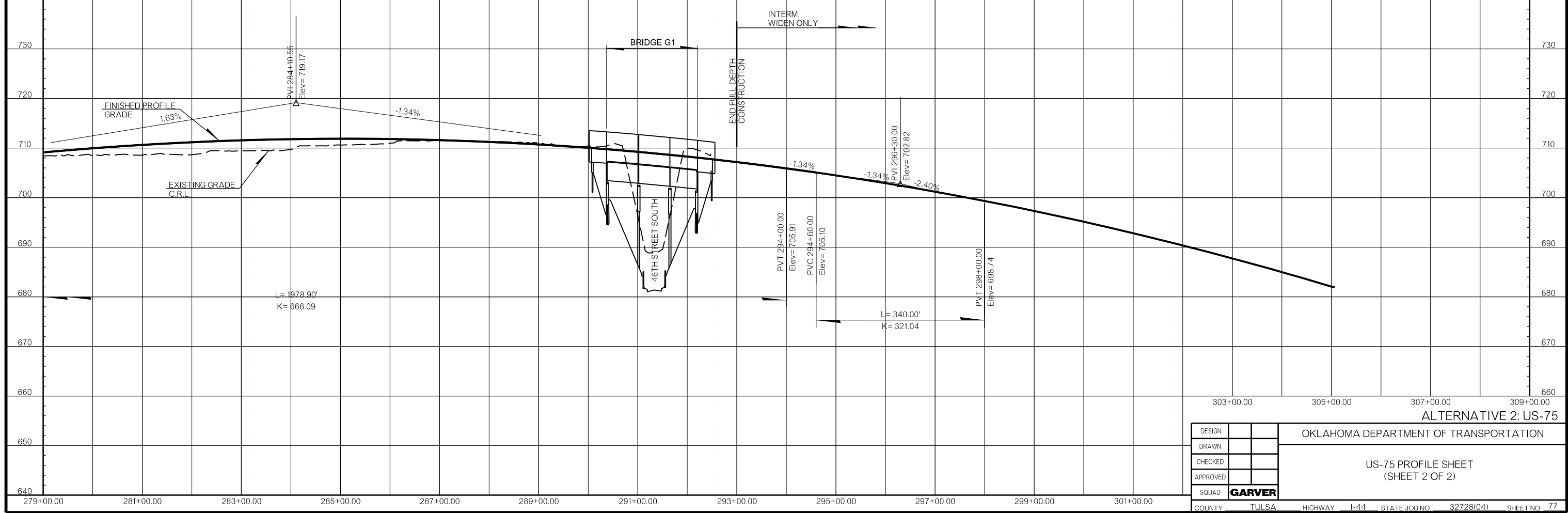
ALTERNATIVE 2: US-75

3/22/2017 10:26:15 AM L:\2016\16037070 - 000T EC-1780 i44 from i244 interchange\Drawings\32728-PRO-218.dgn

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION US-75 PROFILE SHEET (SHEET 1 OF 2) GARVER
DRAWN		
CHECKED		
APPROVED		
SQUAD		
COUNTY	TULSA	HIGHWAY I-44 STATE JOB NO. 32728(04) SHEET NO. 76



ALTERNATIVE 2: US-75

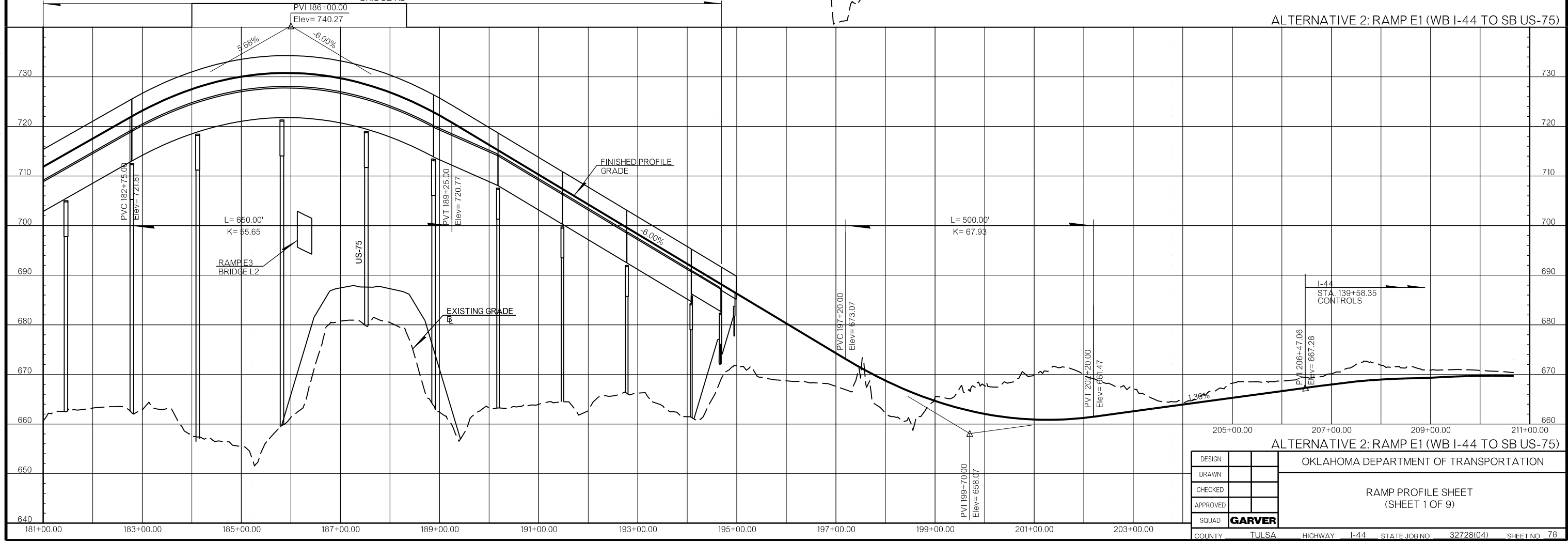
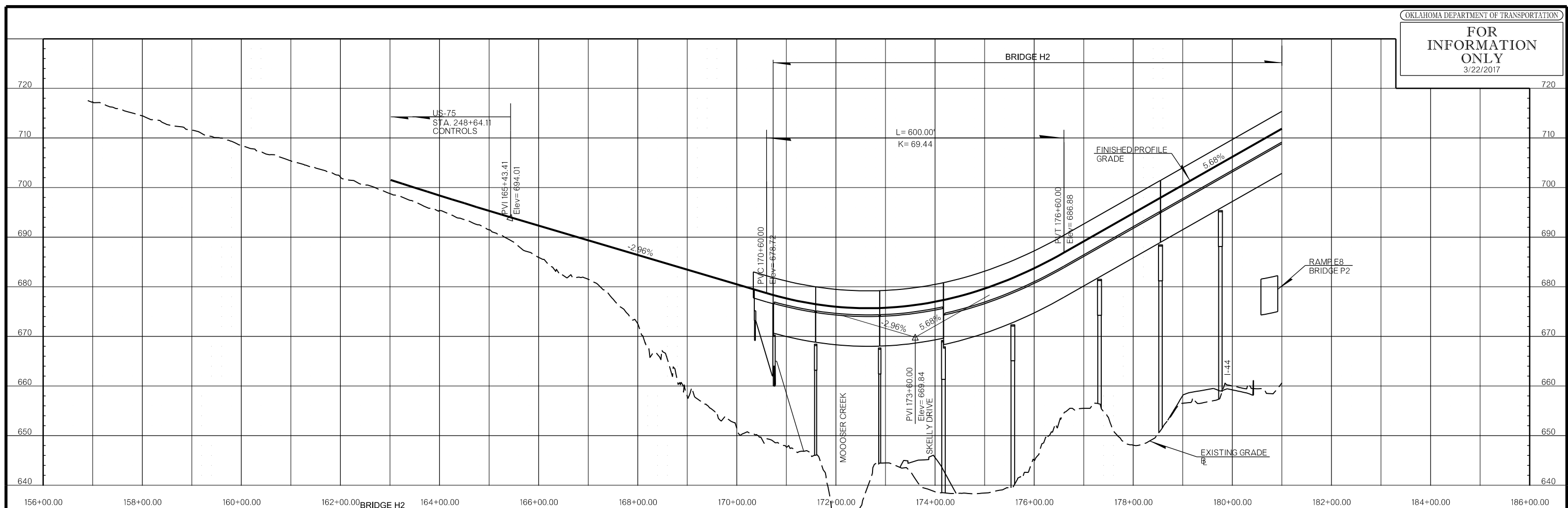


ALTERNATIVE 2: US-75

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		
CHECKED		
APPROVED		
SQUAD	GARVER	
COUNTY TULSA		HIGHWAY I-44
		STATE JOB NO. 32728(04)
		SHEET NO. 77

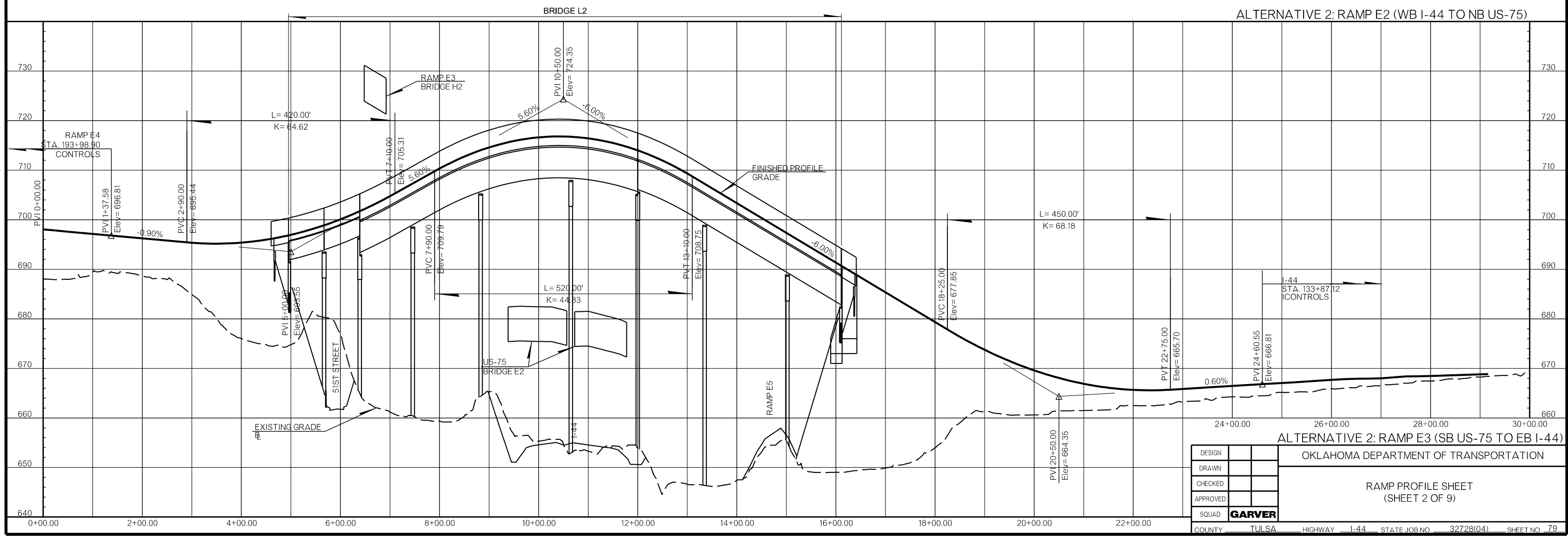
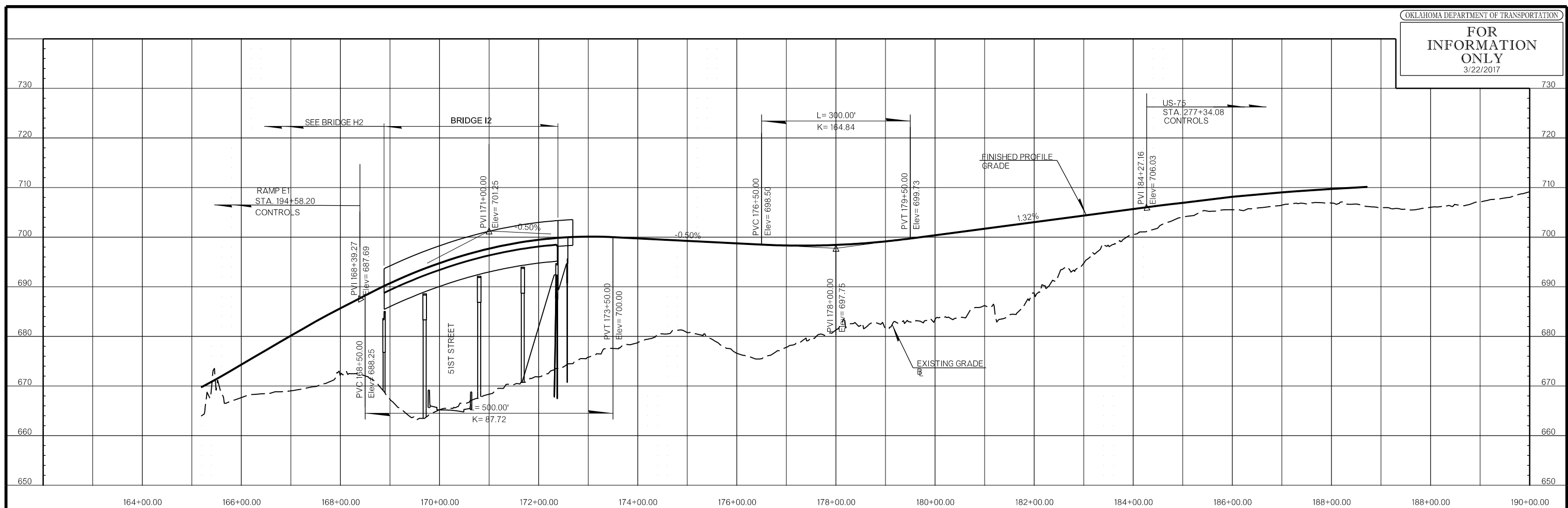
US-75 PROFILE SHEET
 (SHEET 2 OF 2)

3/22/2017 10:26:16 AM L:\2016\16037070 - 000T EC-1780 144 from 1244 Interchange\Drawings\32728-PRO-219.dgn



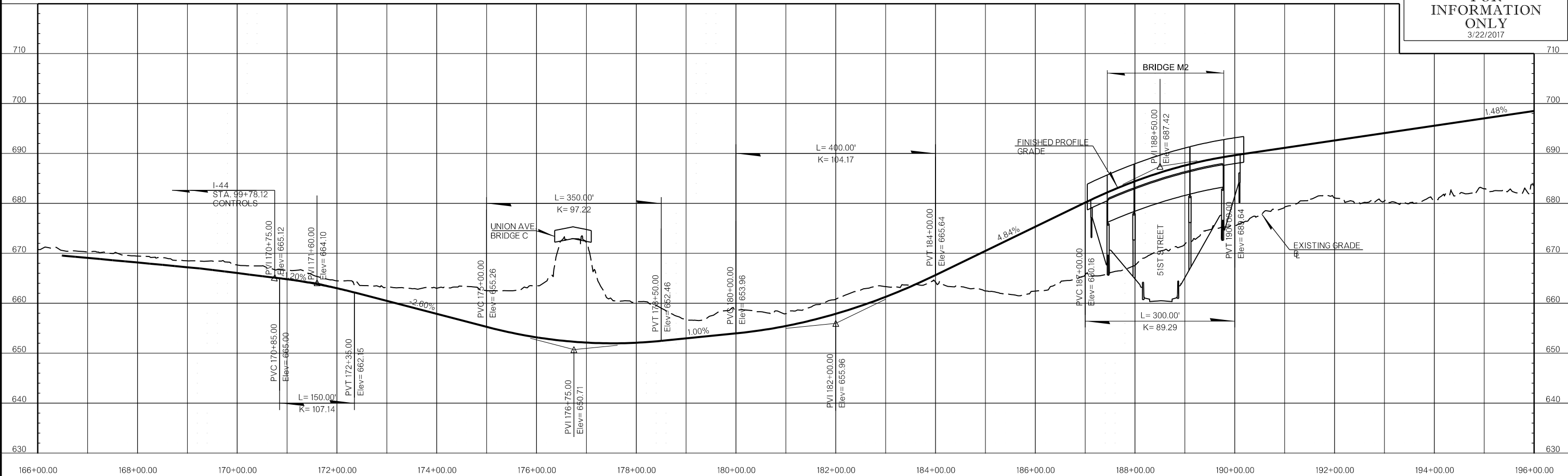
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DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION RAMP PROFILE SHEET (SHEET 1 OF 9) GARVER
DRAWN		
CHECKED		
APPROVED		
SQUAD		
COUNTY	TULSA	HIGHWAY I-44 STATE JOB NO. 32728(04) SHEET NO. 78

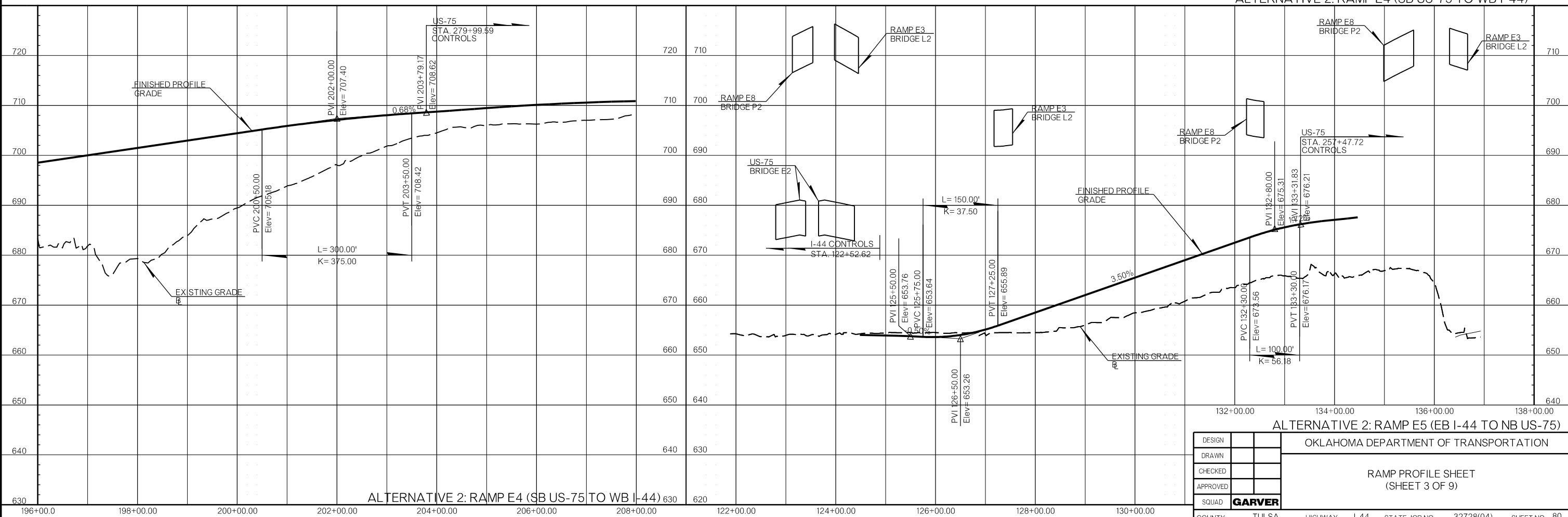


DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION					
DRAWN		RAMP PROFILE SHEET (SHEET 2 OF 9)					
CHECKED							
APPROVED							
SQUAD	GARVER						
COUNTY	TULSA	HIGHWAY	I-44	STATE JOB NO.	32728(04)	SHEET NO.	79

3/22/2017 10:26:18 AM L:\2016\16037070 - 000T EC-1780 I44 from I244 Interchange\Drawings\32728-PRO-205.dgn



ALTERNATIVE 2: RAMP E4 (SB US-75 TO WB I-44)



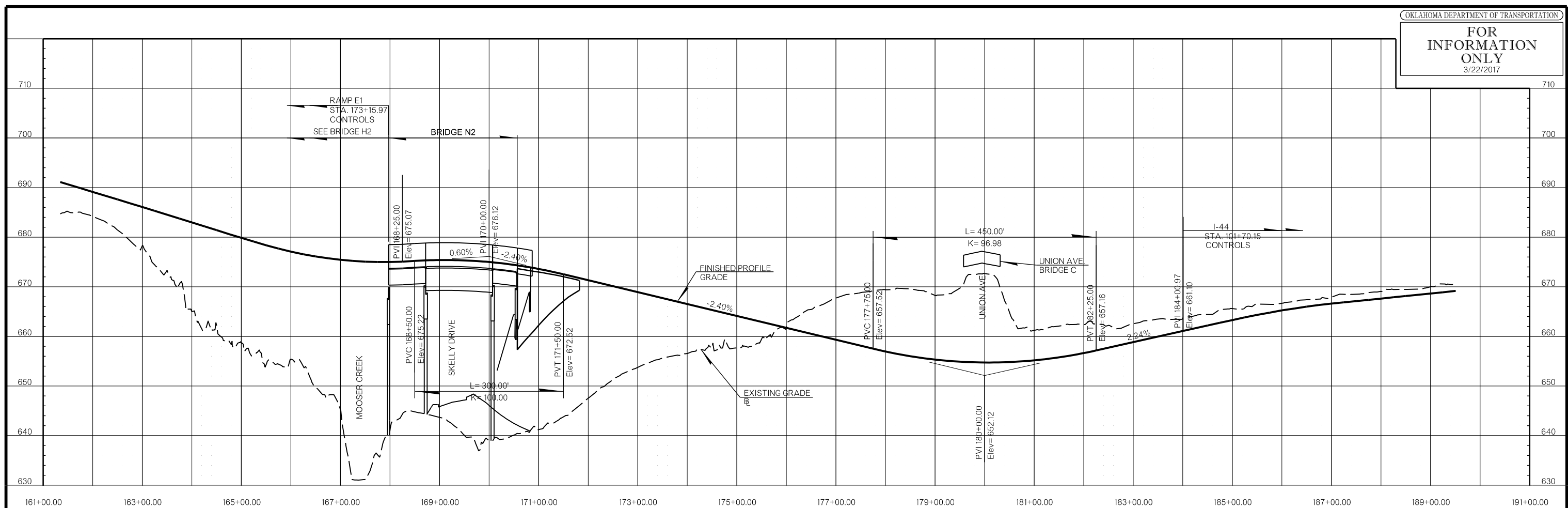
ALTERNATIVE 2: RAMP E5 (EB I-44 TO NB US-75)

3/22/2017 10:26:19 AM L:\2016\16037070 - 000T EC-1780 i44 from i244 Interchange\Drawings\32728-PRO-206.dgn

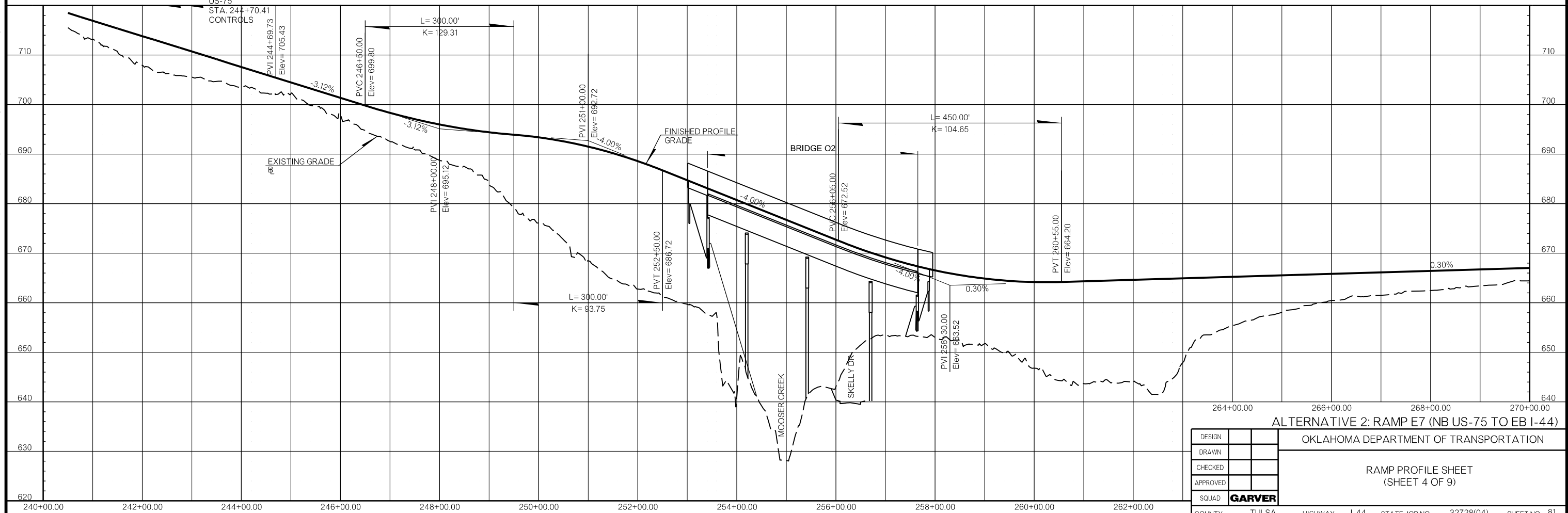
DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		
CHECKED		
APPROVED		
SQUAD	GARVER	

RAMP PROFILE SHEET
(SHEET 3 OF 9)

COUNTY TULSA HIGHWAY I-44 STATE JOB NO. 32728(04) SHEET NO. 80



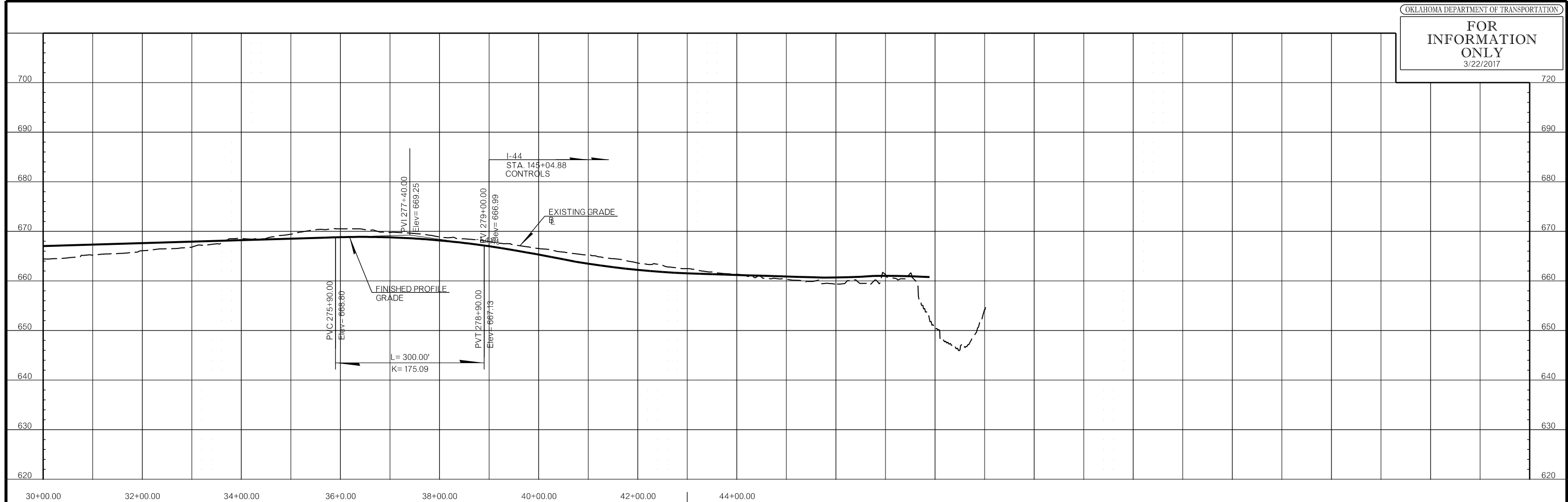
ALTERNATIVE 2: RAMP E6 (EB I-44 TO SB US-75)



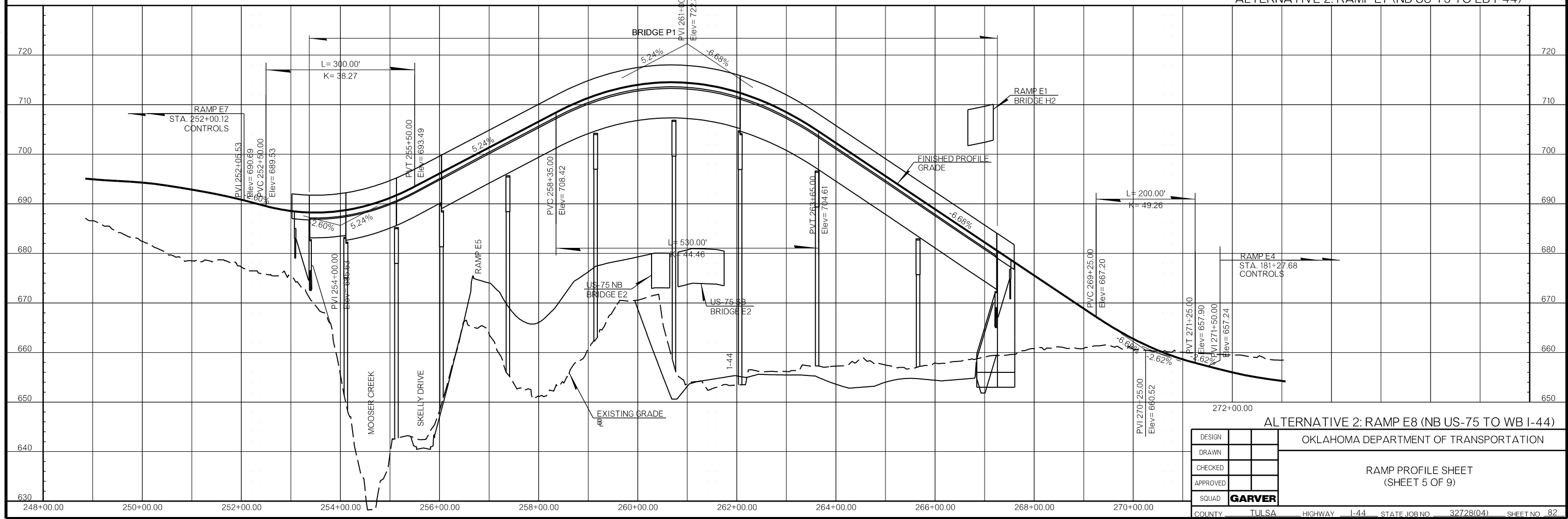
ALTERNATIVE 2: RAMP E7 (NB US-75 TO EB I-44)

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION					
DRAWN		RAMP PROFILE SHEET (SHEET 4 OF 9)					
CHECKED							
APPROVED							
SQUAD	GARVER						
COUNTY	TULSA	HIGHWAY	I-44	STATE JOB NO.	32728(04)	SHEET NO.	81

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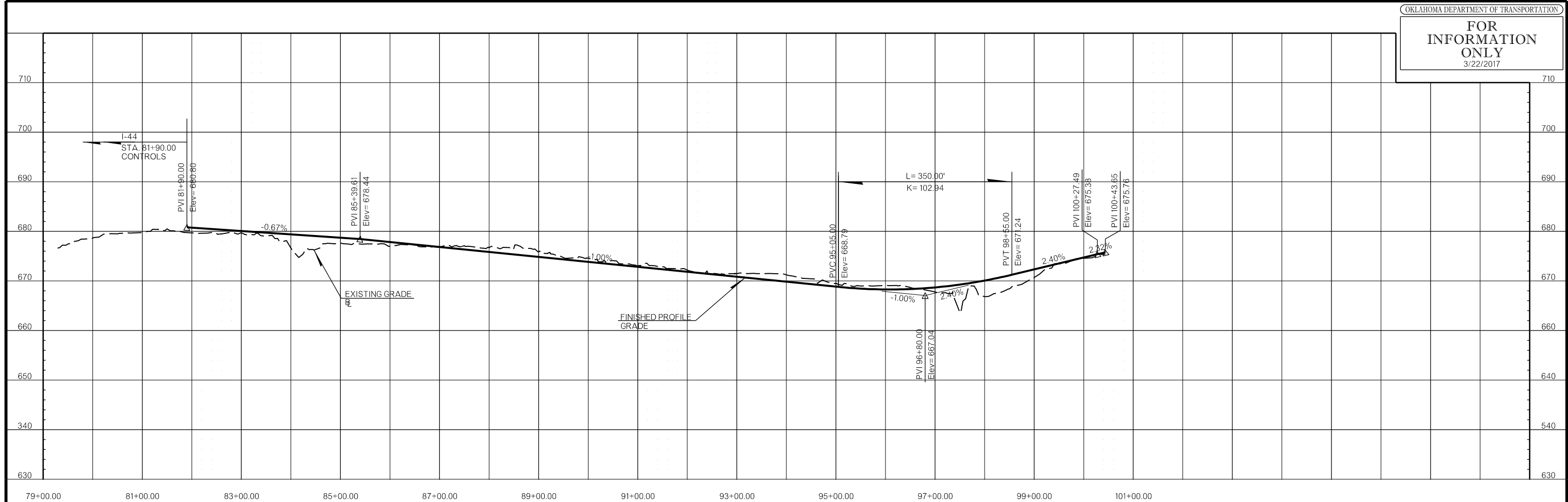
ALTERNATIVE 2: RAMP E7 (NB US-75 TO EB I-44)



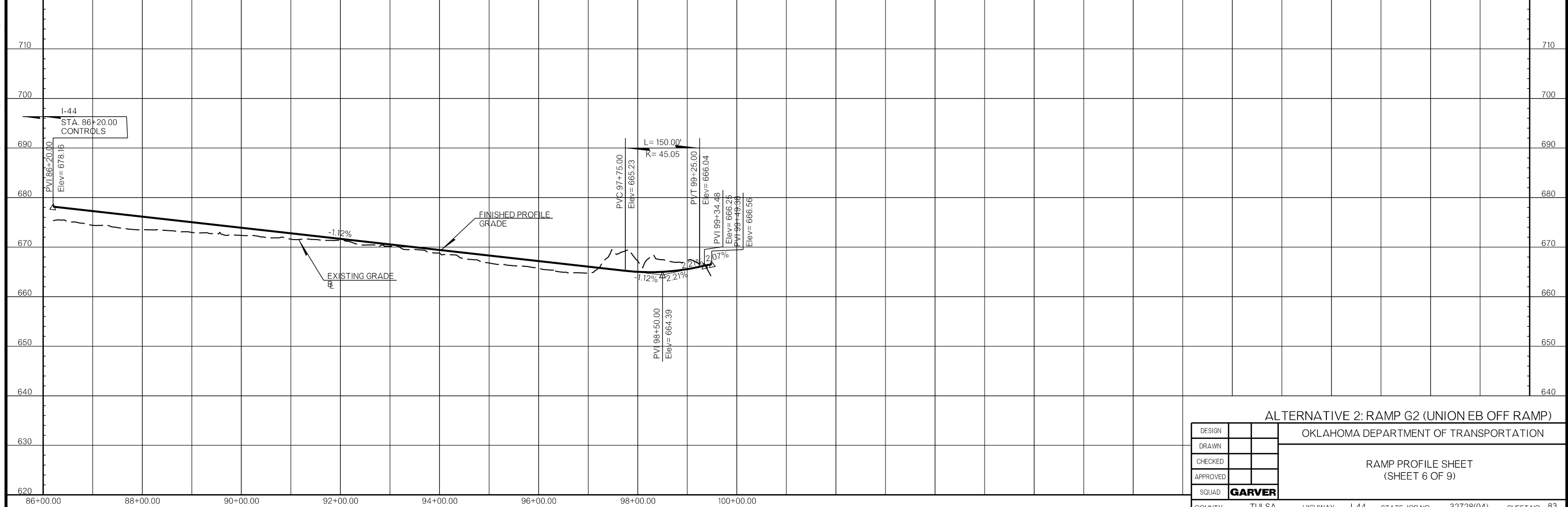
ALTERNATIVE 2: RAMP E8 (NB US-75 TO WB I-44)

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION						
DRAWN		RAMP PROFILE SHEET (SHEET 5 OF 9)						
CHECKED								
APPROVED								
SQUAD	GARVER							
COUNTY		TULSA	HIGHWAY	I-44	STATE JOB NO.	32728(04)	SHEET NO.	82

3/22/2017 10:26:21 AM L:\2016\16037070 - 000T EC-1780 i44 from i244 interchange\Drawings\32728-PRO-208.dgn



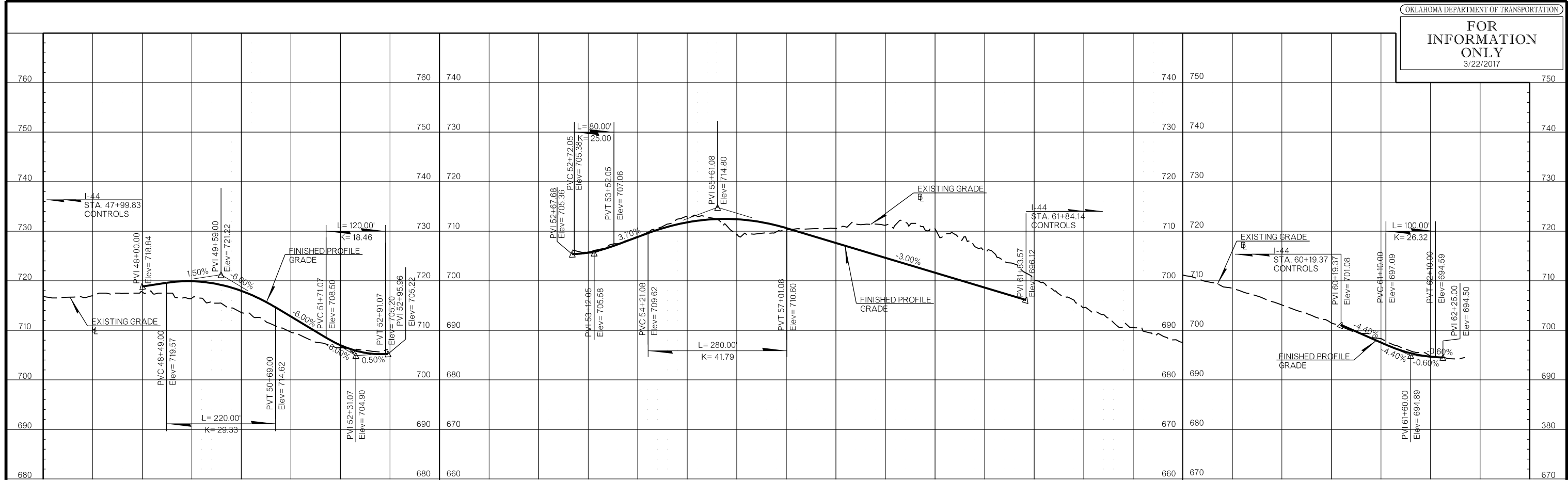
ALTERNATIVE 2: RAMP G1 (UNION WB ON RAMP)



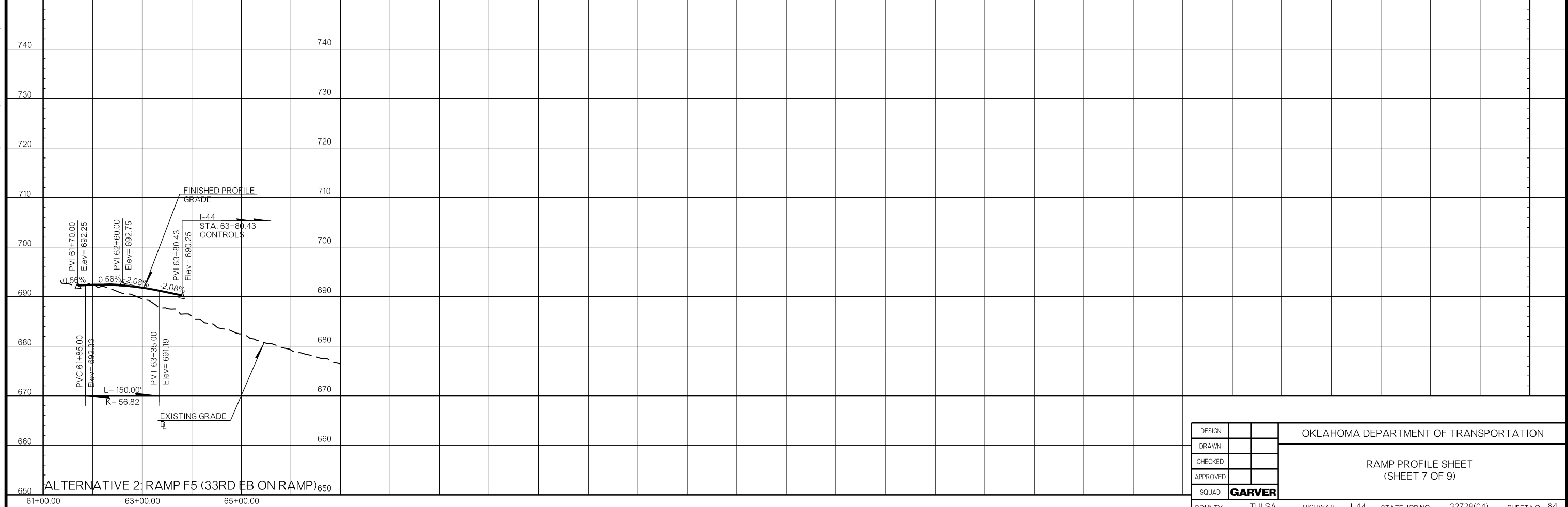
ALTERNATIVE 2: RAMP G2 (UNION EB OFF RAMP)

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		RAMP PROFILE SHEET (SHEET 6 OF 9)
CHECKED		
APPROVED		
SQUAD	GARVER	
COUNTY	TULSA	HIGHWAY I-44 STATE JOB NO. 32728(04) SHEET NO. 83

3/22/2017 10:26:22 AM L:\2016\16037070 - 000T EC-1780 144 from 1244 Interchange Drawings\32728-PRO-209.dgn

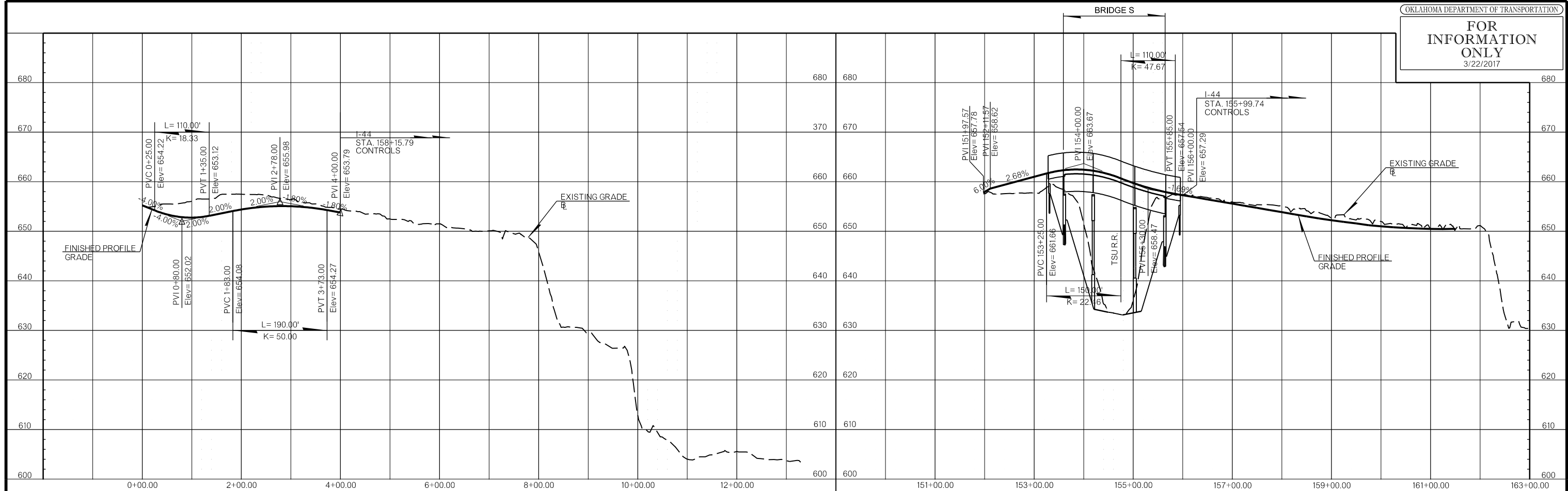


ALTERNATIVE 2: RAMP O1 (33RD WB ON RAMP) ALTERNATIVE 2: RAMP O2 (33RD WB OFF RAMP) ALTERNATIVE 2: RAMP F4 (33RD EB OFF RAMP)



DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		
CHECKED		
APPROVED		
SQUAD	GARVER	
COUNTY		TULSA
HIGHWAY		I-44
STATE JOB NO.		32728(04)
SHEET NO.		84

3/22/2017 10:26:23 AM L:\2016\16037070 - 000T EC-1780 I44 from I244 Interchange\Drawings\32728-PRO-210.dgn



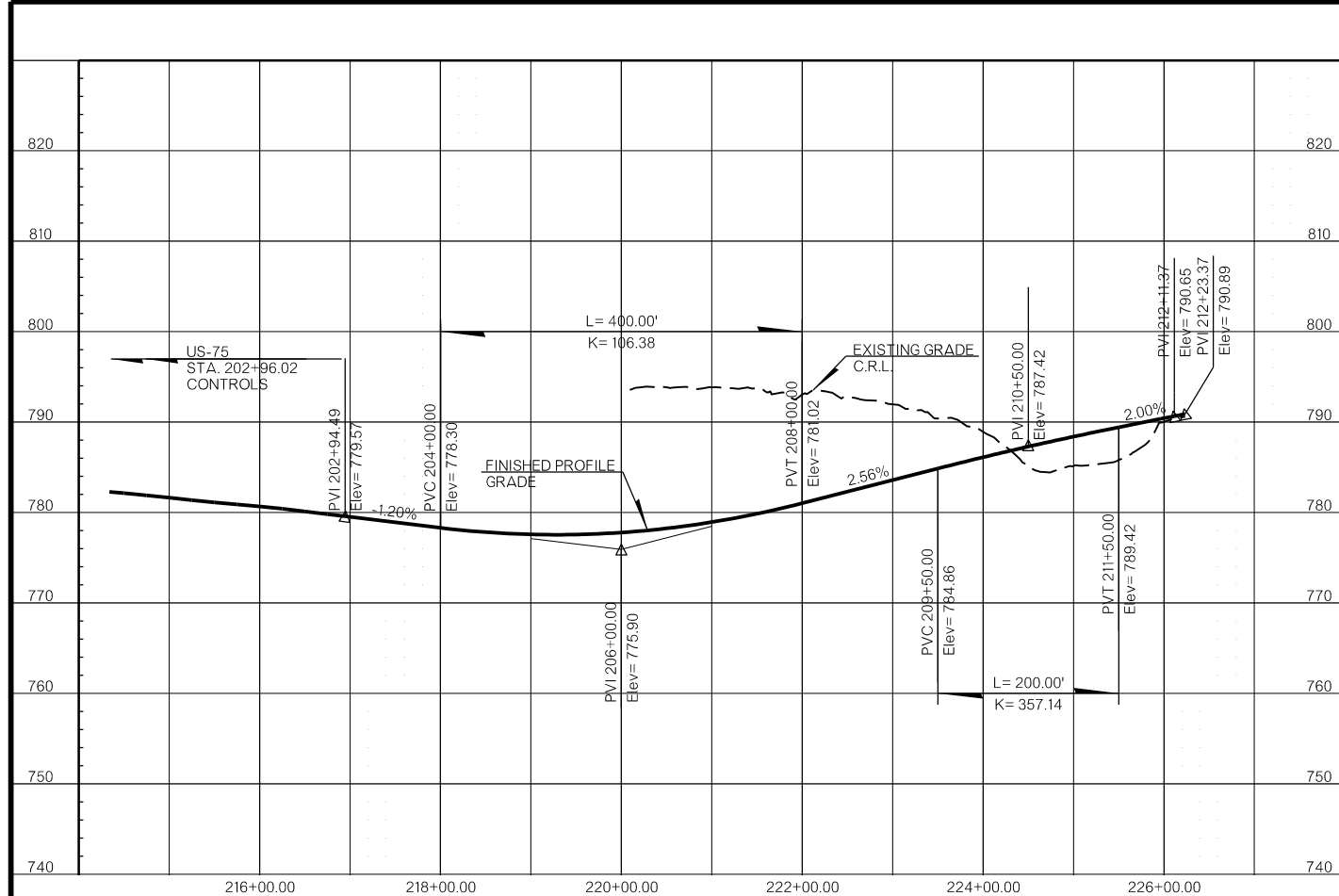
ALTERNATIVE 2: RAMP H1 (RIVER BRIDGE EB OFF RAMP)

ALTERNATIVE 2: RAMP H2 (RIVER BRIDGE EB ON RAMP)

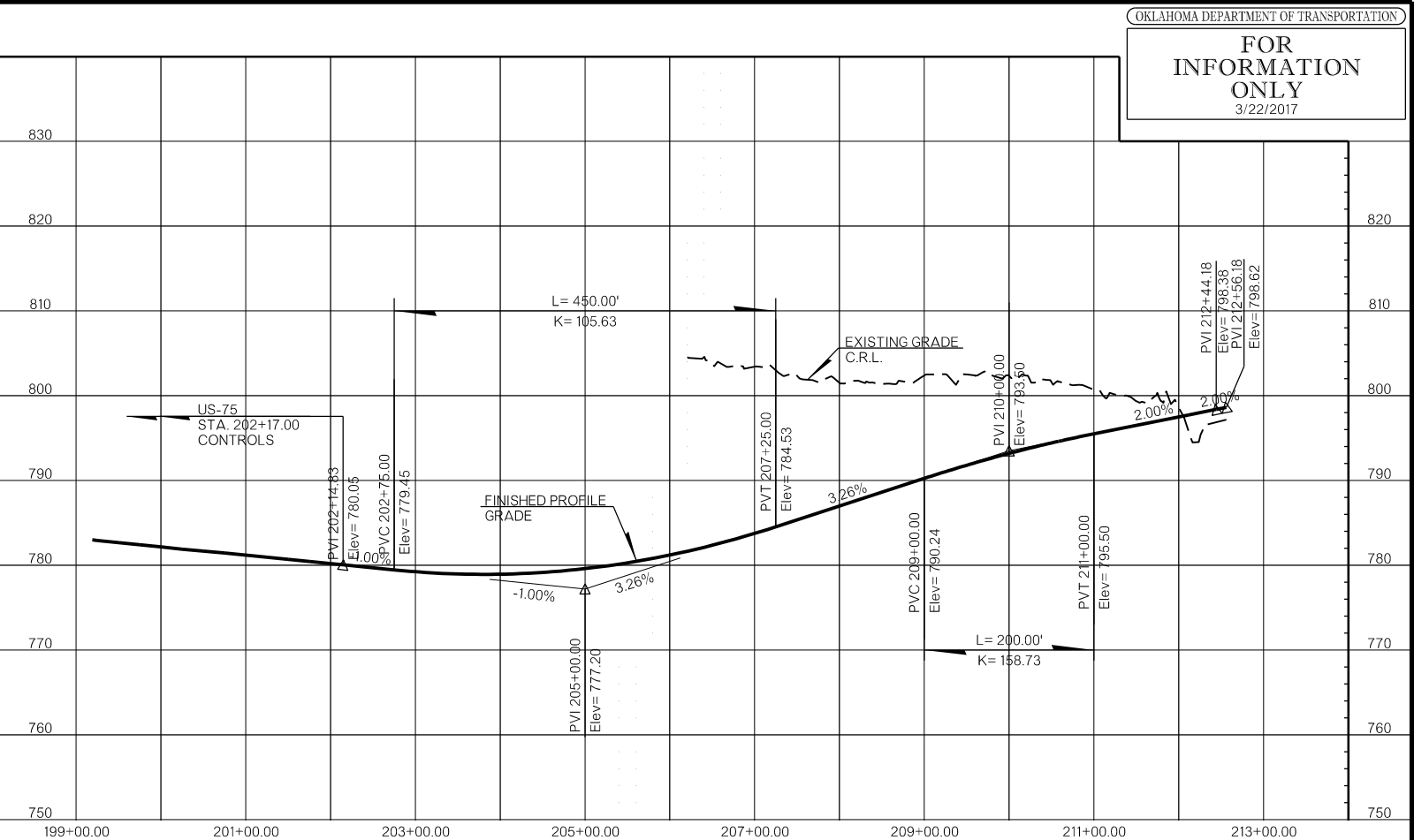
3/22/2017 10:26:24 AM L:\2016\16037070 - 000T EC-1780 144 from 1244 Interchange\Drawings\32728-PRO-217.dgn

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		
CHECKED		
APPROVED		
SQUAD	GARVER	
COUNTY		TULSA
HIGHWAY		I-44
STATE JOB NO.		32728(04)
SHEET NO.		85

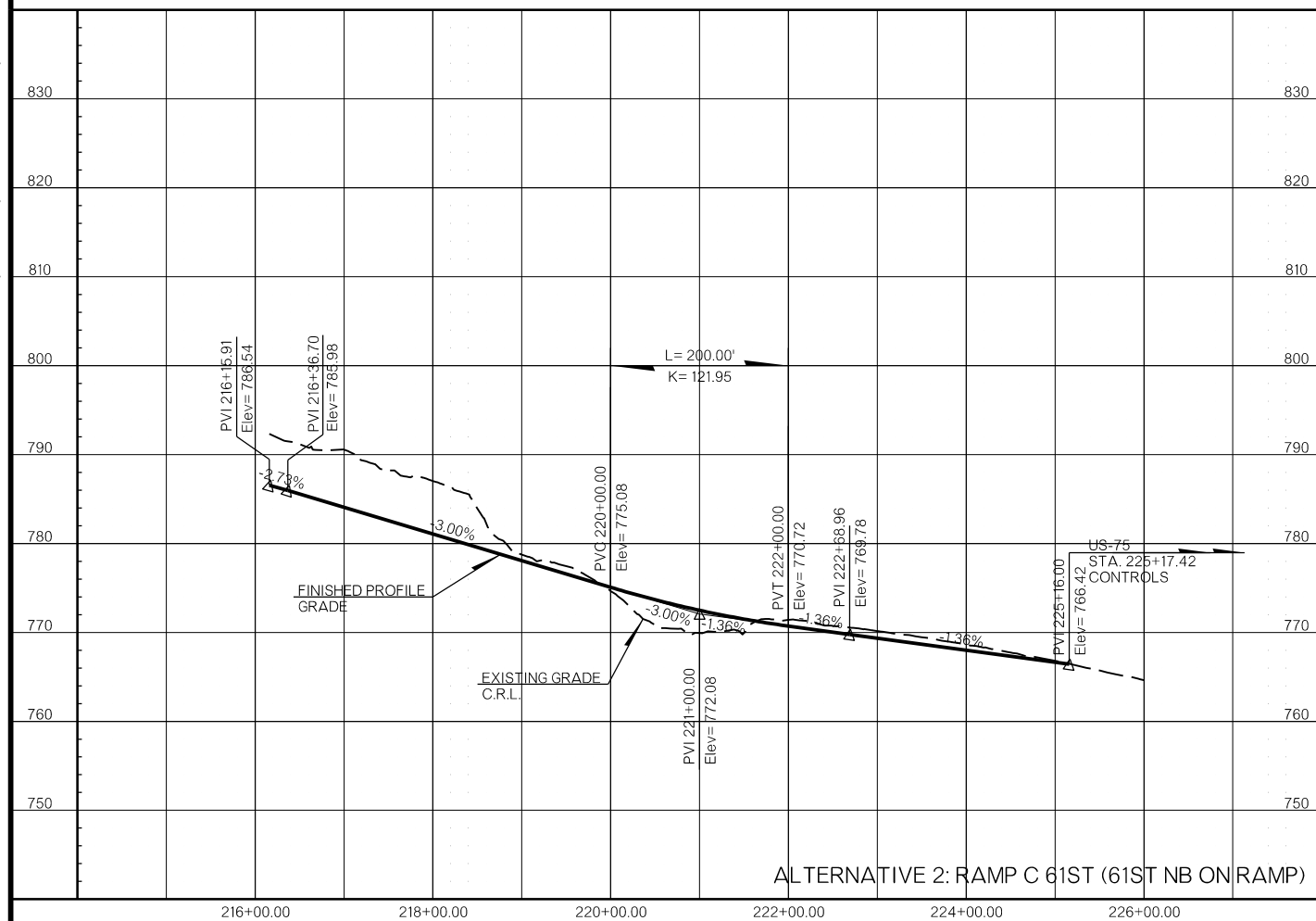
RAMP PROFILE SHEET
(SHEET 8 OF 9)



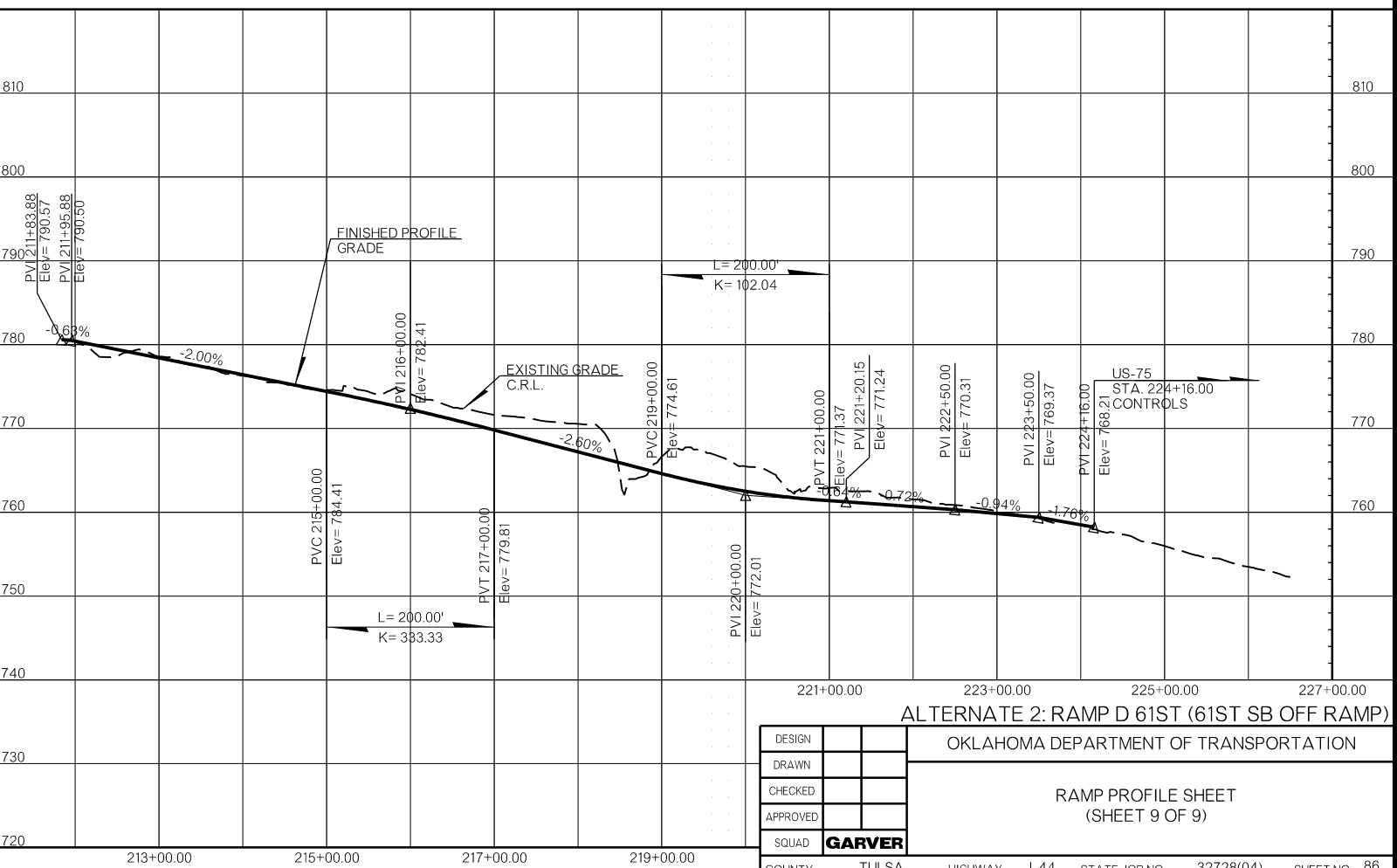
ALTERNATE 2: RAMP A 61ST (61ST SB ON RAMP)



ALTERNATE 2: RAMP B 61ST (61ST NB OFF RAMP)



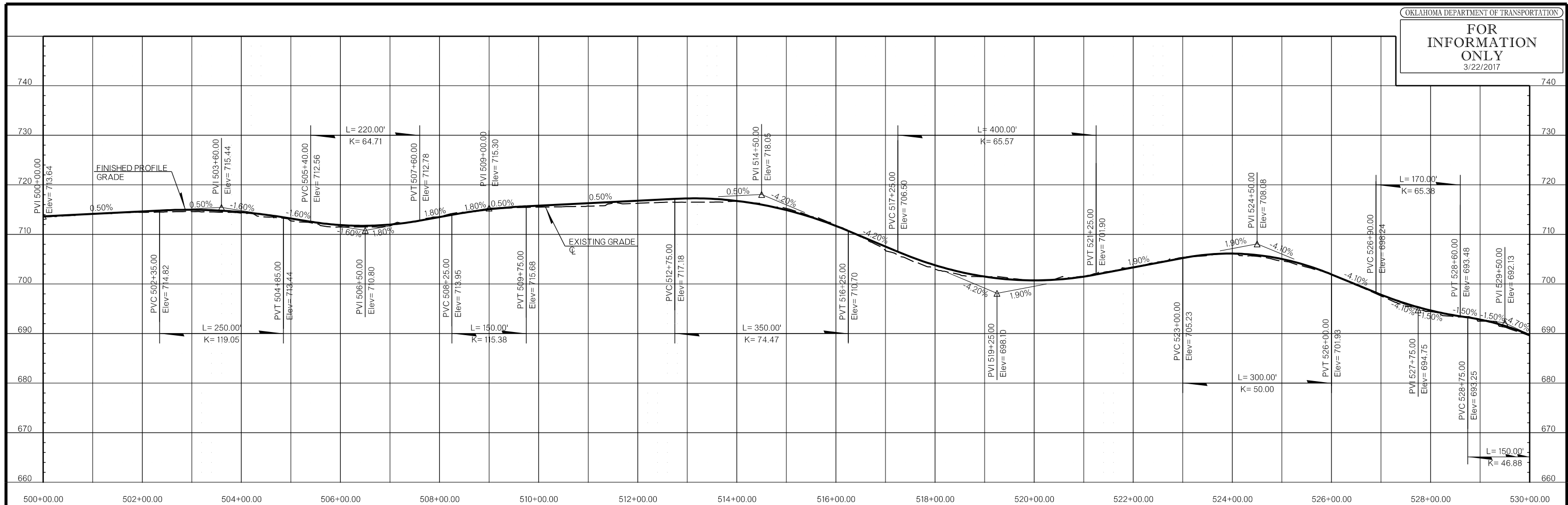
ALTERNATIVE 2: RAMP C 61ST (61ST NB ON RAMP)



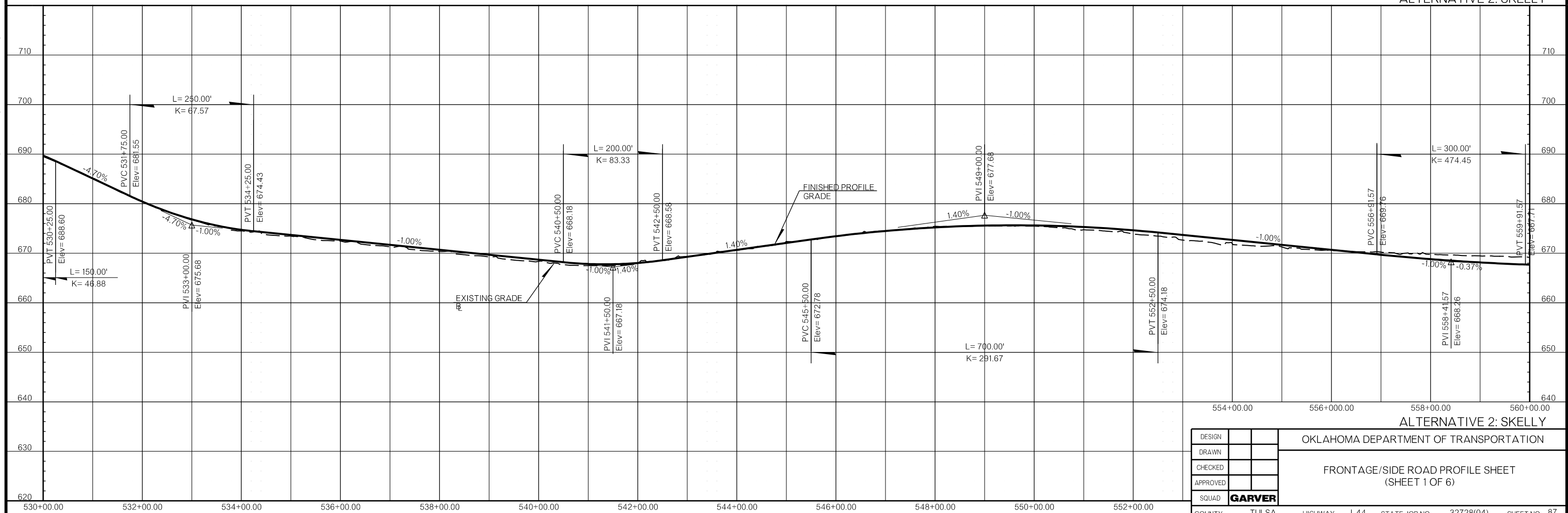
ALTERNATE 2: RAMP D 61ST (61ST SB OFF RAMP)

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION	
DRAWN		RAMP PROFILE SHEET (SHEET 9 OF 9)	
CHECKED			
APPROVED			
SQUAD	GARVER		
COUNTY	TULSA		
		HIGHWAY	I-44
		STATE JOB NO.	32728(04)
		SHEET NO.	86

3/22/2017 10:26:25 AM L:\2016\16037070 - 000T EC-1780 144 from 1244 Interchange Drawings\32728-PRO-221.dgn



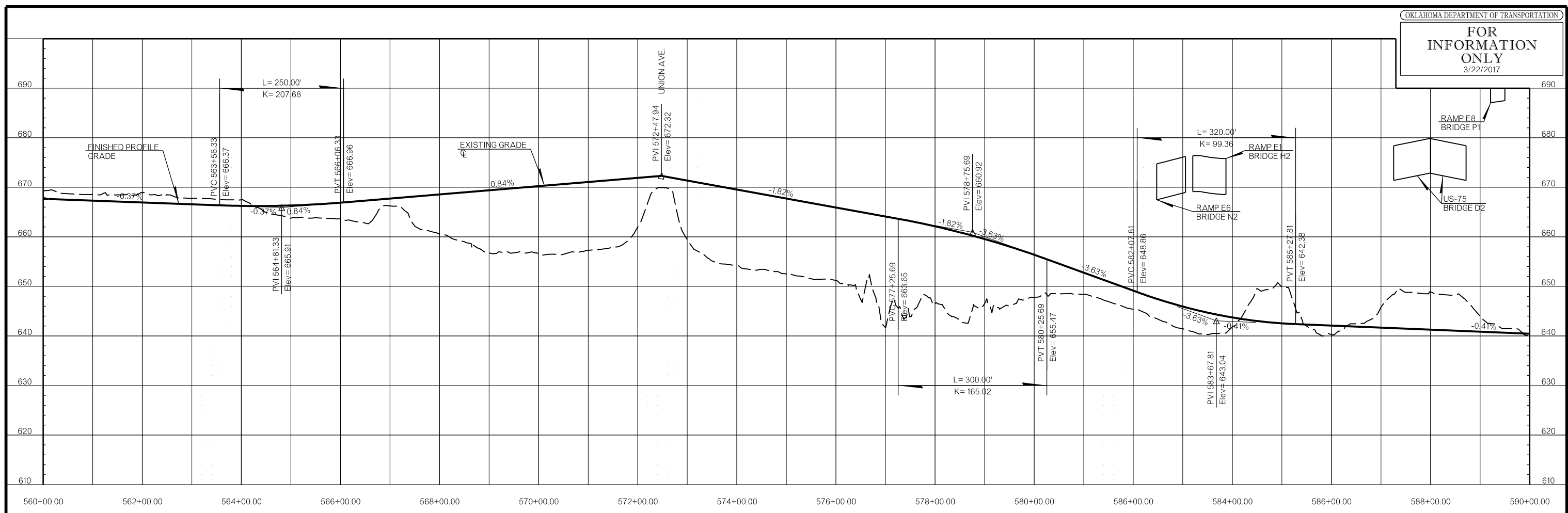
ALTERNATIVE 2: SKELLY



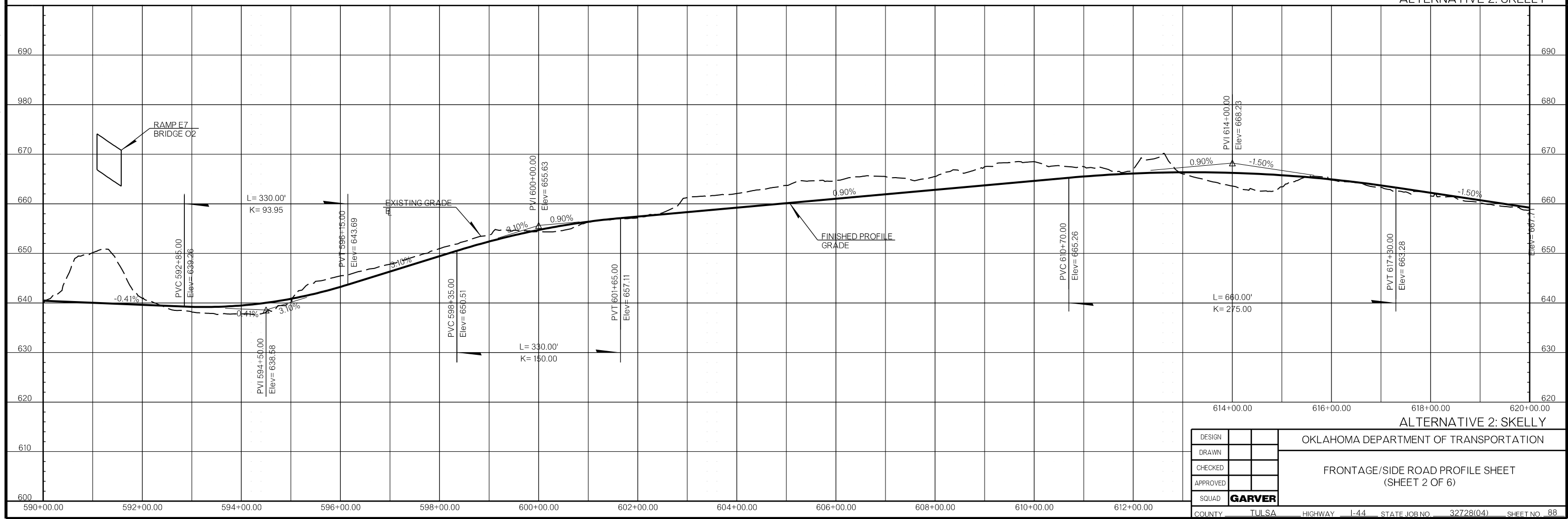
ALTERNATIVE 2: SKELLY

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		
CHECKED		
APPROVED		
SQUAD	GARVER	
COUNTY TULSA		FRONTAGE/SIDE ROAD PROFILE SHEET (SHEET 1 OF 6)
HIGHWAY I-44		STATE JOB NO. 32728(04)
		SHEET NO. 87

3/22/2017 10:26:26 AM L:\2016\16037070 - 000T EC-1780 144 from 1244 Interchange Drawings\32728-PRO-211.dgn



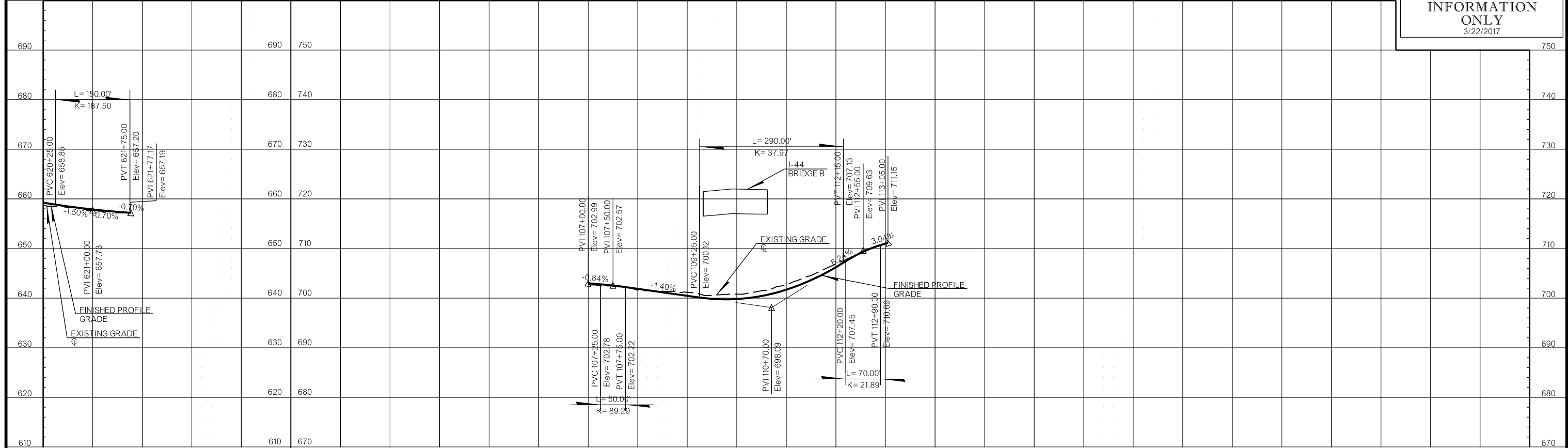
ALTERNATIVE 2: SKELLY



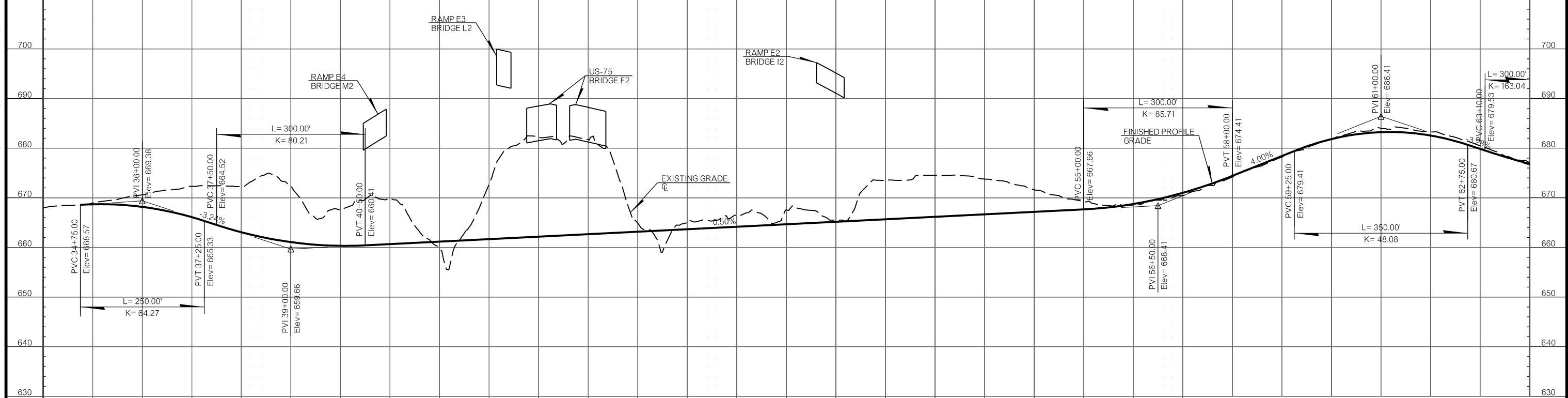
ALTERNATIVE 2: SKELLY

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		
CHECKED		
APPROVED		
SQUAD	GARVER	
COUNTY TULSA		HIGHWAY I-44
		STATE JOB NO. 32728(04)
		SHEET NO. 88

3/22/2017 10:26:27 AM L:\2016\16037070 - 000T EC-1780 144 from 1244 Interchange\Drawings\32728-PRO-212.dgn



ALTERNATIVE 2: SKELLY ALTERNATIVE 2: 33RD STREET



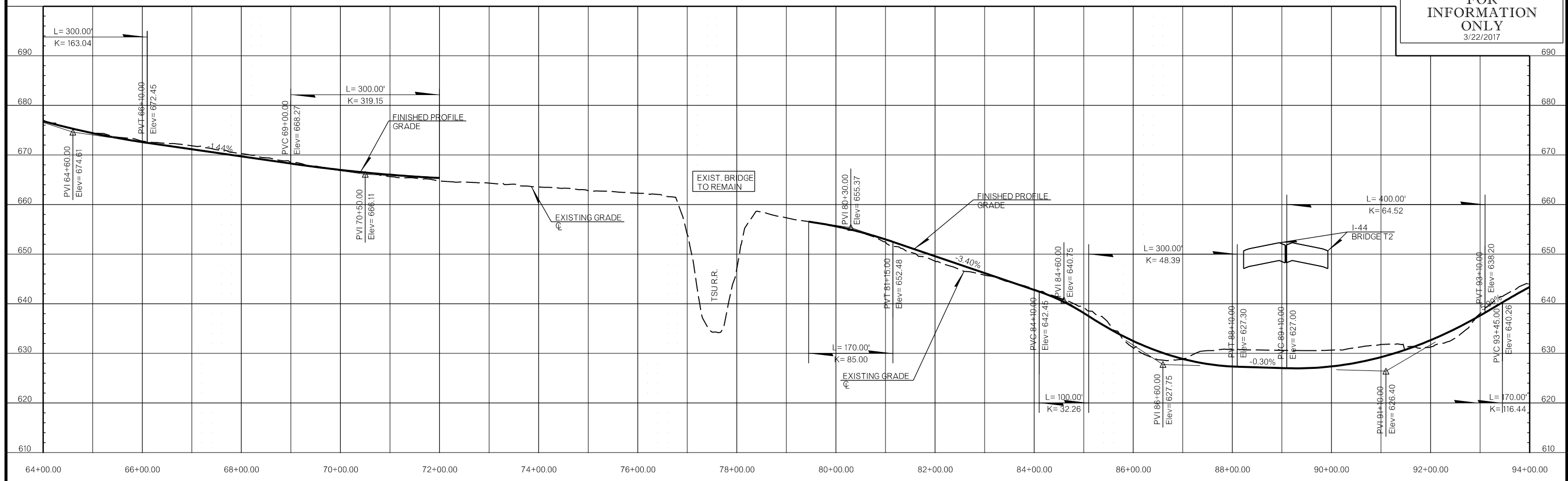
ALTERNATIVE 2: 51ST STREET

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		
CHECKED		
APPROVED		
SQUAD	GARVER	
COUNTY TULSA		HIGHWAY I-44
		STATE JOB NO. 32728(04)
		SHEET NO. 89

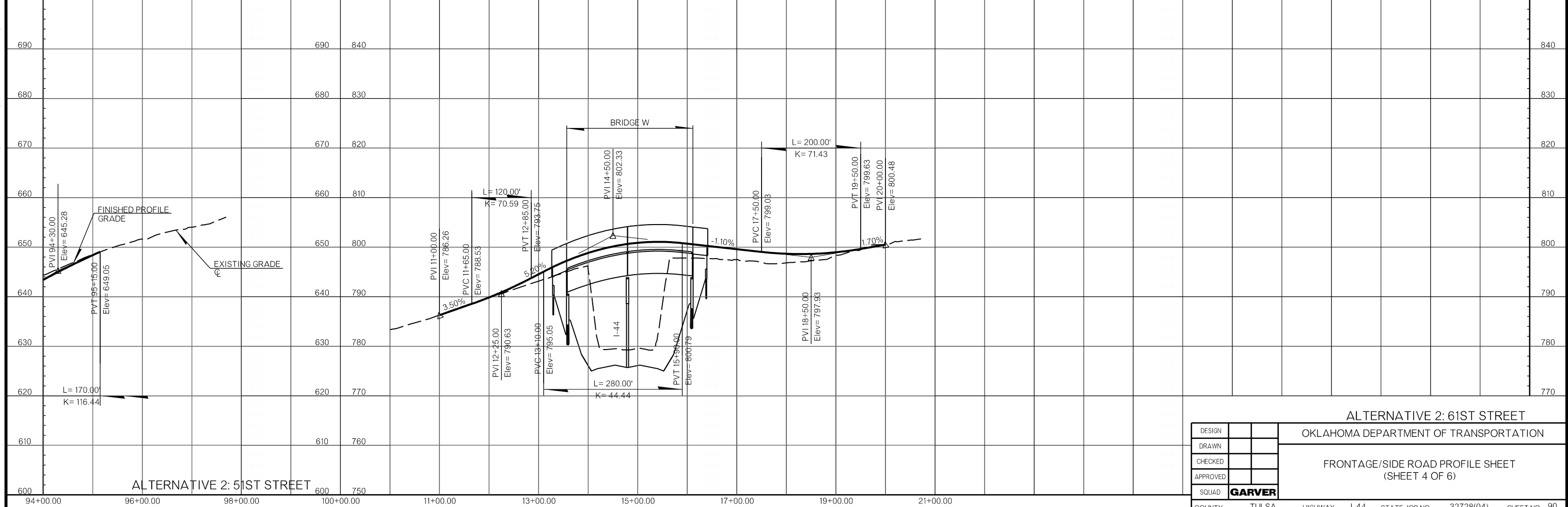
3/22/2017 10:26:28 AM L:\2016\16037070 - 000T EC-1780 I44 from I244 Interchange Drawings\32728-PRO-213.dgn

FRONTAGE/SIDE ROAD PROFILE SHEET
(SHEET 3 OF 6)

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3/22/2017



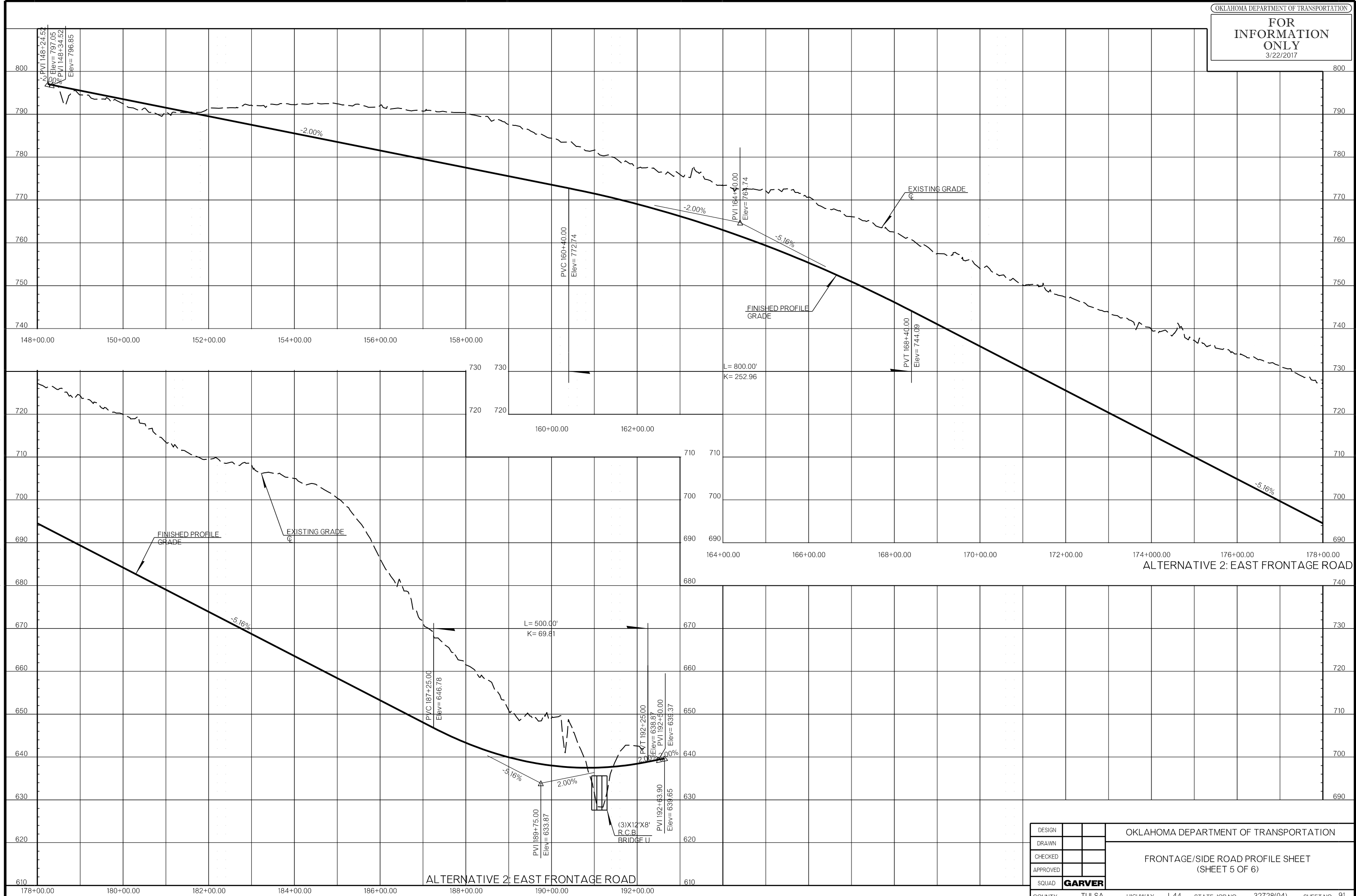
ALTERNATIVE 2: 51ST STREET



ALTERNATIVE 2: 61ST STREET

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		
CHECKED		
APPROVED		
SQUAD	GARVER	
COUNTY TULSA		HIGHWAY I-44
		STATE JOB NO. 32728(04)
		SHEET NO. 90

3/22/2017 10:26:29 AM L:\2016\16037070 - 000T EC-1780 144 from 1244 Interchange Drawings\32728-PRO_214.dgn



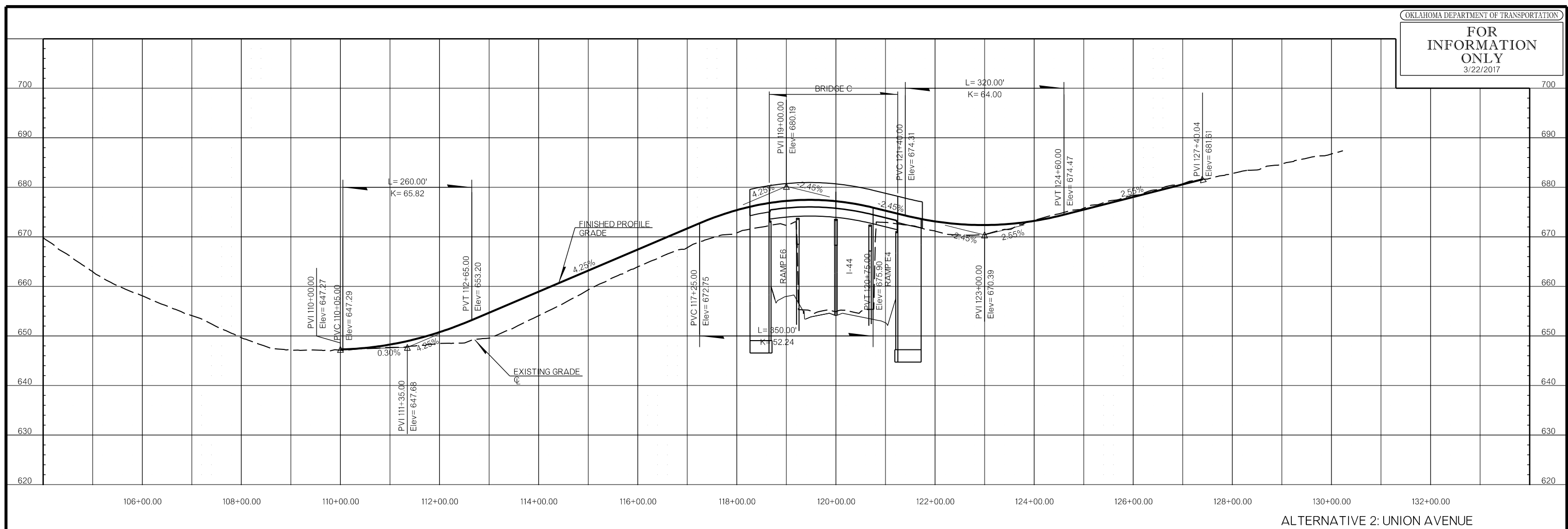
3/22/2017 10:26:30 AM L:\2016\16037070 - 000T EC-1780 144 from 1244 Interchange Drawings\32728-PRO-220.dgn

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN		
CHECKED		
APPROVED		
SQUAD	GARVER	
COUNTY TULSA		HIGHWAY I-44
		STATE JOB NO. 32728(04)
		SHEET NO. 91

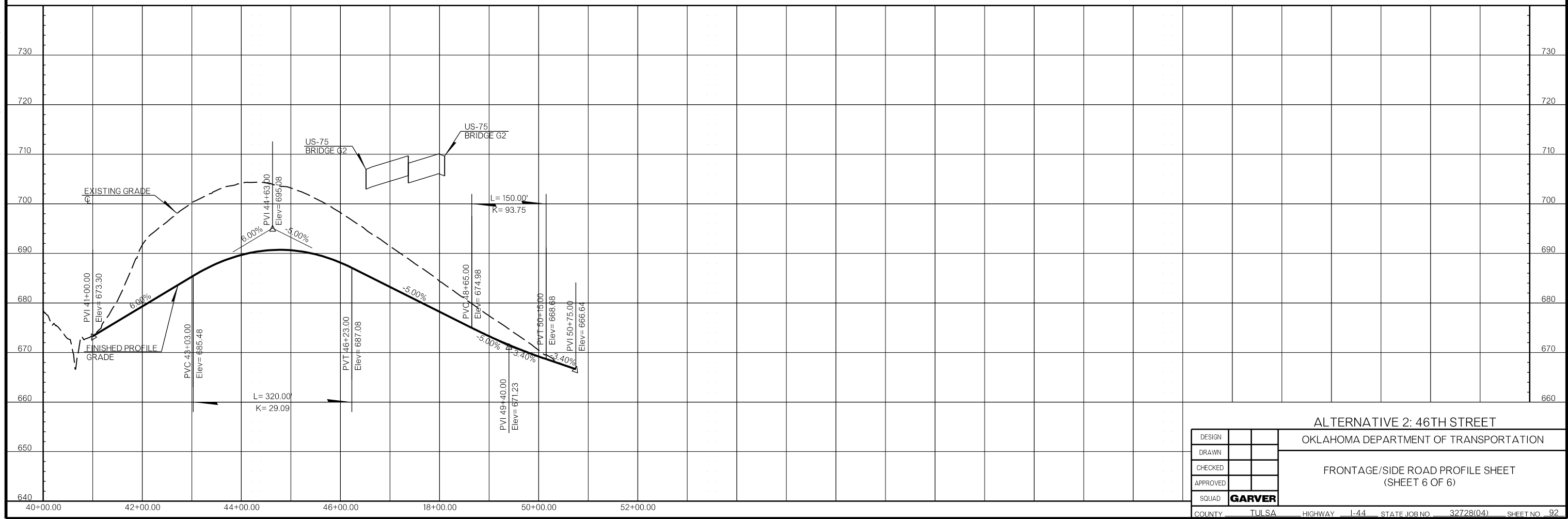
ALTERNATIVE 2: EAST FRONTAGE ROAD

ALTERNATIVE 2: EAST FRONTAGE ROAD

FRONTAGE/SIDE ROAD PROFILE SHEET
 (SHEET 5 OF 6)



ALTERNATIVE 2: UNION AVENUE



ALTERNATIVE 2: 46TH STREET

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION					
DRAWN							
CHECKED							
APPROVED							
SQUAD	GARVER						
FRONTAGE/SIDE ROAD PROFILE SHEET (SHEET 6 OF 6)							
COUNTY	TULSA	HIGHWAY	I-44	STATE JOB NO.	32728(04)	SHEET NO.	92

3/22/2017 10:26:31 AM L:\2016\16037070 - 000T EC-1780 144 from 1244 interchange\Drawings\32728-PRO-222.dgn