

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF ELDORADO

PLANS FOR
ILLINOIS TRANSPORTATION ENHANCEMENT PROGRAM

US 45 (FAP 0332)
SALINE COUNTY
SECTION 24-00043-00-SW
JOB NO. C-99-024-25

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 0332	24-00043-00-SW	SALINE	28	1
CITY OF ELDORADO		US 45		

CONTRACT NO. 99776

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SCALES: PROFILE HORIZONTAL
0 25 50

PROFILE VERTICAL
0 5 10

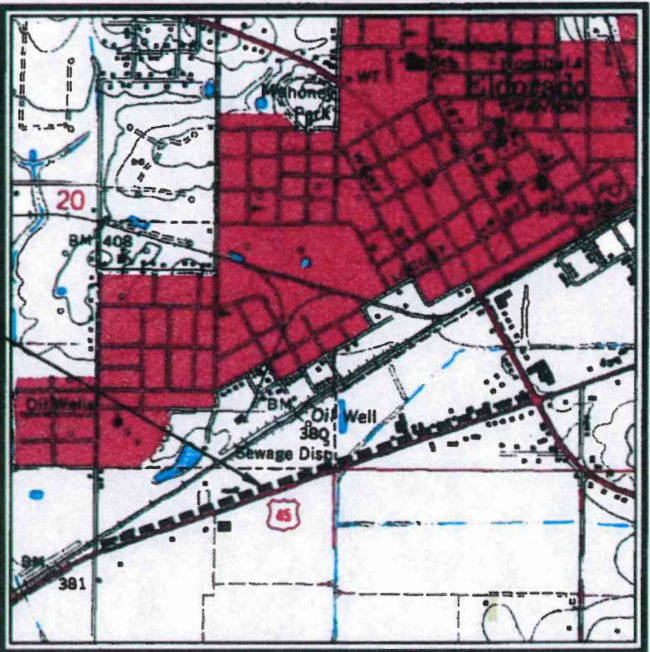
SECTIONS HORIZONTAL
0 5 10

SECTIONS VERTICAL
0 5 10

UTILITIES

ALL EXISTING UTILITIES AND LOCATIONS TO BE
CONFIRMED BY J.U.L.I.E. 800-892-0123

PROPOSED
IMPROVEMENTS



CITY OF ELDORADO

APPROVED

5/18/26

Rocky A. James
MAYOR, CITY OF ELDORADO

PASSED

5/23/26

[Signature]
DISTRICT 9 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW

5/28/26

Carrie Nelson
CARRIE NELSEN, P.E.
REGION FIVE ENGINEER



BROWN AND ROBERTS, INC.

CONSULTING ENGINEERS AND LAND SURVEYORS

1 WESTRIDGE ROAD HARRISBURG, IL 62946 (618) 252-0111

CONTRACT NO. 99776

BRL JOB NO. 22-187

JIM W. BROWN, PRESIDENT
ILLINOIS PROFESSIONAL DESIGN FIRM
LAND SURVEY & PROF. ENG. CORP.
NUMBER 184-002518
EXPIRES APRIL 30, 2027
DATE: 5/18/2026



PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

STREET NAME	JOB NO.	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
US 45	C-99-024-25	FAP 0332	24-00043-00-SW	SALINE	28	2

CONTRACT NO. 99776

SUMMARY OF QUANTITIES			
ITEM NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
20200100	EARTH EXCAVATION	CU YD	225
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100
28000500	INLET AND PIPE PROTECTION	EACH	20
31100100	SUBBASE GRANULAR MATERIAL, TYPE A	TON	226
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	630
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	16691
42400800	DETECTABLE WARNINGS	SQ FT	81
44000100	PAVEMENT REMOVAL	SQ YD	157
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	506
50105220	PIPE CULVERT REMOVAL	FOOT	11
50900805	PEDESTRIAN RAILING	FOOT	126
52200900	CONCRETE STRUCTURES (RETAINING WALL)	CU YD	3.3
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	3
54262712	METAL FLARED END SECTIONS 12"	EACH	1
542C0217	PIPE CULVERTS, CLASS C, TYPE 1 12"	FOOT	20
542C0223	PIPE CULVERTS, CLASS C, TYPE 1 18"	FOOT	8
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	58
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	48
55100500	STORM SEWER REMOVAL 12"	FOOT	24
60238800	INLETS, TYPE A	EACH	8

SUMMARY OF QUANTITIES (CONTINUED)			
ITEM NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
60255500	MANHOLES TO BE ADJUSTED	EACH	3
60258200	MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1
60260100	INLETS TO BE ADJUSTED	EACH	1
60263000	INLETS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1
60500060	REMOVING INLETS	EACH	8
60600605	CONCRETE CURB, TYPE B	FOOT	247
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	129
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	8
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DAY	12
67100100	MOBILIZATION	L SUM	1
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	570
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	84
X1200160	CONNECTION TO EXISTING DRAINAGE STRUCTURE	EACH	1
X2500900	SEEDING, CLASS 1 (SPECIAL)	ACRE	1.0
X4400503	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FOOT	757
X5427601	REMOVE AND RELAY END SECTIONS	EACH	3
X6024242	INLETS, SPECIAL, NO. 1	EACH	1
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1

* SPECIALTY ITEM

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US 45	C-99-024-25	FAP 0332	24-00043-00-SW	SALINE	28	3

CONTRACT NO. 99776

PC CONCRETE SCHEDULE						
LOCATION	PCC DRIVEWAY PVTM, 7 INCH (SQ YD)	PCC SIDEWALK 5 INCH (SQ FT)	DETECT WARN (SQ FT)	CC&G REM AND REPLACE > 10' (FOOT)	CONCRETE CURB, TYPE B (FOOT)	SUBBASE GRANULAR MATERIAL, TYPE A (TON)
STA 342+61				12		
STA 342+61 TO STA 343+52		457.3				
STA 343+53				12		
STA 343+54 TO STA 343+82	23.1					
STA 343+84				12		
STA 343+85 TO STA 345+00		569.8				
STA 345+01				13		
STA 345+03 TO STA 345+40	31.0					
STA 345+42				12		
STA 345+43 TO STA 347+66		1111.7				
STA 347+67				13		
STA 348+08				13		
STA 348+09 TO STA 349+51		690.8				
STA 349+52				19		
STA 350+07				17		
STA 350+08 TO STA 351+43		670.0	10.0			
STA 351+44				13		
STA 352+04				15		
STA 352+05 TO STA 353+91		949.3	10.0			
STA 353+92				18		
STA 354+26				13		
STA 354+27 TO STA 355+43		576.5	14.8			
STA 355+44				13		
STA 355+85				14		
STA 355+86 TO STA 358+35		1199.2	16.5			
STA 358+30 TO STA 358+70				40		
STA 358+35 TO STA 358+65	24.0					
STA 358+65 TO STA 364+57		2833.2	14.1			
STA 364+58				18		
STA 364+60 TO STA 364+94	79.8					
STA 364+96				18		
STA 364+97 TO STA 369+33		2158.8	15.5			
STA 369+34				12		
SUBTOTALS	158	11217	81	297	0	0

PC CONCRETE SCHEDULE (CONTINUED)						
LOCATION	PCC DRIVEWAY PVTM, 7 INCH (SQ YD)	PCC SIDEWALK 5 INCH (SQ FT)	DETECT WARN (SQ FT)	CC&G REM AND REPLACE > 10' (FOOT)	CONCRETE CURB, TYPE B (FOOT)	SUBBASE GRANULAR MATERIAL, TYPE A (TON)
STA 369+35 TO STA 369+65	30.1					
STA 369+66				13		
STA 369+67 TO STA 370+54		437.8				
STA 370+55				13		
STA 370+57 TO STA 370+91	28.6					
STA 370+93				13		
STA 370+94 TO STA 372+06		552.4				
STA 372+07				12		
STA 372+09 TO STA 372+37	29.7					
STA 372+39				12		
STA 372+40 TO STA 372+87		239.7				
STA 372+88				13		
STA 372+90 TO STA 373+29	40.3					
STA 373+31				12		
STA 373+32 TO STA 373+64		174.8				
STA 373+65				13		
STA 374+07				12		
STA 374+08 TO STA 374+57		249.5				
STA 374+58				13		
STA 374+60 TO STA 374+98	39.4					
STA 375+00				13		
STA 375+01 TO STA 375+84		426.4				
STA 375+85				12		
STA 375+86 TO STA 376+25	39.0					
STA 376+27				13		
STA 376+27 TO STA 376+80		273.0				
STA 376+81				14		
STA 377+22				13		
STA 377+22 TO STA 377+89		342.8				
STA 377+90				13		
STA 378+30				14		
STA 378+31 TO STA 378+59		143.4				
STA 378+60				14		
SUBTOTALS	207	2840	0	232	0	0

PC CONCRETE SCHEDULE (CONTINUED)						
LOCATION	PCC DRIVEWAY PVTM, 7 INCH (SQ YD)	PCC SIDEWALK 5 INCH (SQ FT)	DETECT WARN (SQ FT)	CC&G REM AND REPLACE > 10' (FOOT)	CONCRETE CURB, TYPE B (FOOT)	SUBBASE GRANULAR MATERIAL, TYPE A (TON)
STA 378+62 TO STA 378+89	27.9					
STA 378+91				13		
STA 378+92 TO STA 379+57		445.2				
STA 379+58				13		
STA 379+92				14		
STA 379+93 TO STA 380+24		156.5				
STA 380+25				18		
STA 381+00				19		
STA 381+01 TO STA 381+39		200.5				
STA 381+40				13		
STA 381+81				13		
STA 381+82 TO STA 382+52		359.4				
STA 382+54				25		
STA 382+58 TO STA 383+24	65.5					
STA 383+26				12		
STA 383+26 TO STA 383+52		134.4				
STA 383+53				18		
STA 383+55 TO STA 384+26	72.0					
STA 384+29				19		
STA 384+30 TO STA 384+59		158.1				
STA 384+60				13		
STA 385+01				13		
STA 385+01 TO STA 385+87		441.6				
STA 385+88				13		
STA 386+22				12		
STA 386+22 TO STA 387+78		738.3				
AGGREGATE FOR FILL						200
BANTERRA BANK PARKING LOT						
STA 352+16 LT TO STA 353+96 LT	100.0				247	26
SUBTOTALS	265	2634	0	228	247	226
TOTALS	630	16691	81	757	247	226

STREET NAME	JOB NO.	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
US 45	C-99-024-25	FAP 0332	24-00043-00-SW	SALINE	28	4

CONTRACT NO. 99776

DRAINAGE SCHEDULE													
LOCATION	REMOVE AND RELAY END SECTIONS (EA)	INLETS, TYPE A (EA)	INLETS, SPECIAL, NO. 1	STORM SEWERS, CLASS A, TYPE 1 12" (FT)	STORM SEWERS, CLASS A, TYPE 1, 18" (FT)	PIPE CULVERTS, CLASS C, TYPE 1, 12" (FT)	PIPE CULVERTS, CLASS C, TYPE 1, 18" (FT)	PRECAST REINF. CONC. FLARED END SECTION, 18" (EA)	METAL FLARED END SECTION 12" (EA)	CONNECT. TO EXIST. DRAINAGE STRUCTURE (EA)	REMOVING INLETS (EA)	STORM SEWER REMOVAL 12" (FT)	PIPE CULVERT REMOVAL (FT)
STA 343+22.70, 14.50' LT	1					6							
STA 344+82.96, 15.50' LT	1						3						
STA 345+68.96, 18.00' LT	1						5						
STA 352+62.49, 9.48' LT			1	7									
STA 358+23.91, 27.50' LT					40			1					
STA 358+76.08, 27.50' LT								1					
STA 364+25.90, 22.05' LT					8			1					
STA 364+41.16, 20.31' LT										1			
STA 371+80.79, 18.50. LT						14			1				11
STA 374+30.24, 14.00' LT		1		6							1	2	
STA 378+57.08, 11.00' LT		1		12							1	10	
STA 380+08.03, 11.00' LT		1		6							1	2	
STA 381+20.34, 10.50' LT		1		5							1	2	
STA 382+21.95, 10.50' LT		1		6							1	2	
STA 383+38.14, 9.50' LT		1		5							1	2	
STA 385+24.35, 9.00' LT		1		5							1	2	
STA 386+43.10, 12.00' LT		1		6							1	2	
TOTALS	3	8	1	58	48	20	8	3	1	1	8	24	11

- NOTES:
1. ALL OFFSETS TO INLETS ARE TO THE CENTER OF THE STRUCTURE.
 2. ALL OFFSETS FOR END SECTIONS ARE AT THE END OF THE END SECTION.
 3. TRENCH BACKFILL WILL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED DRAINAGE ITEM.

CONCRETE STRUCTURES AND RAILING SCHEDULE		
LOCATION	CONCRETE STRUCTURES (RETAINING WALL) (CU YD)	PEDESTRIAN RAILING (FOOT)
STA 353+46.6 LT TO STA 353+60.6 LT	0.5	14.0
STA 366+11.8 LT TO STA 366+52.5 LT		42.0
STA 375+28.0 LT TO STA 375+42.0 LT	0.5	14.0
STA 376+46.3 LT TO STA 376+60.3 LT	0.6	14.0
STA 377+27.9 LT TO STA 377+41.9 LT	0.5	14.0
STA 383+30.7 LT TO STA 383+44.7 LT	0.6	14.0
STA 385+16.6 LT TO STA 385+30.6 LT	0.6	14.0
TOTALS	3.3	126

PAVEMENT MARKING SCHEDULE	
LOCATION	PAINT PAVEMENT MARKING - LINE 4" (WHITE) (FOOT)
BANTERRA BANK PARKING LOT	
STA 352+16 LT TO STA 353+96 LT	570
TOTALS	570

STREET NAME	JOB NO.	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
US 45	C-99-024-25	FAP 0332	24-00043-00-SW	SALINE	28	5

CONTRACT NO. 99776

REMOVAL AND ADJUSTMENT SCHEDULE							
LOCATION	MANHOLES TO BE ADJUSTED (EACH)	MH TO BE RECONST WITH NEW TY 1 FR, CLOSED LID (EACH)	INLETS TO BE ADJUSTED (EACH)	INLETS TO BE RECONST WITH NEW TY 1 FR, CLOSED LID (EA)	PAVEMENT REMOVAL (SQ YD)	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	PAVEMENT MARKING REMOVAL - GRINDING (SQ FT)
STA 343+54 TO STA 343+82						23.1	
STA 345+03 TO STA 345+40						31.0	
STA 352+08, 3.2' LT	1						
STA 352+60, 2.2' LT				1			
STA 364+60 TO STA 364+94						79.8	
STA 369+35 TO STA 369+65						30.1	
STA 369+79, 6.2' LT		1					
STA 370+57 TO STA 370+91						28.6	
STA 372+09 TO STA 372+37						29.7	
STA 372+90 TO STA 373+29						40.3	
STA 373+22, 7.4' LT	1						
STA 374+60 TO STA 374+98						39.4	
STA 375+86 TO STA 376+25						39.0	
STA 378+62 TO STA 378+89						27.9	
STA 378+92 TO STA 379+57					49.5		
STA 382+58 TO STA 383+24						65.5	
STA 382+63, 1.8' LT	1						
STA 382+64, 7.7' LT			1				
STA 383+55 TO STA 384+26						72.0	
BANTERRA BANK PARKING LOT							
STA 352+16 LT TO STA 353+96 LT					107.8		83.9
TOTALS	3	1	1	1	157	506	84

SEEDING AND EROSION CONTROL SCHEDULE			
LOCATION	SEEDING, CLASS 1 (SPECIAL) (ACRE)	TEMPORARY EROSION CONTROL SEEDING (POUND)	INLET AND PIPE PROTECTION (EACH)
STA 342+60 LT TO STA 387+78 LT	1.0	100	
STA 343+23 LT			1
STA 344+83 LT			1
STA 345+69 LT			1
STA 352+62 LT			1
STA 353+53 LT			1
STA 358+23 LT			1
STA 364+26 LT			1
STA 364+41 LT			1
STA 371+81 LT			1
STA 374+30 LT			1
STA 375+35 LT			1
STA 376+53 LT			1
STA 377+34 LT			1
STA 378+57 LT			1
STA 380+08 LT			1
STA 381+20 LT			1
STA 382+22 LT			1
STA 383+38 LT			1
STA 385+24 LT			1
STA 386+43 LT			1
TOTALS	1.0	100	20

STREET NAME	JOB NO.	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
US 45	C-99-024-25	FAP 0332	24-00043-00-SW	SALINE	28	7

#6 BARS PLACED AROUND CASTING, (TOP AND BOTTOM)

#6 BARS @ 5" CTS. BOTTOM REINF.

#4 BARS @ 10" CTS. TOP REINF.

2 1/2"

2 1/2"

2 1/2"

5'

6"

6"

2 1/2"

2 1/2"

6"

BACK OF CURB

FACE OF CURB

EDGE OF PAVEMENT

COMBINATION CONC CURB AND GUTTER (SEE PLANS FOR TYPE)

CAST IRON FRAME SPECIAL, TYPE 1, WITH TYPE 1 CLOSED LID, STD 604001

5' MIN.

FIN

DESIGN	PIPE DIA	"D"
A	18" & LESS	2'-6"
B	21" & 24"	3'-0"
C	27" & 30"	3'-7"
D	33" & 36"	4'-2"
E	42"	4'-9"
F	48"	5'-0"
G	54"	6'-1"



PROVIDE 1½" CLEARANCE TYP. ALL REINFORCEMENT
UNLESS OTHERWISE SPECIFIED.

GUTTER FLOWLINE AT INLET 2½" BELOW NORMAL GUTTER FLOWLINE. CONSTRUCT TRANSITION IN FLOWLINE IN 10 FEET EACH SIDE OF INLET. PIPES TO BE CONNECTED TO INLET AS SHOWN ON STORM SEWER LAYOUT.

INLETS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR **INLETS, SPECIAL, NO. 1**, WHICH PRICE SHALL INCLUDE THE CAST IRON FRAME, SPECIAL, TYPE 1 WITH TYPE 1 CLOSED LID, THE REINFORCEMENT BARS, METAL STEPS AND JOINT FILLER.

INLETS ARE DESIGNED TO BE CAST IN PLACE. IF THE INLET IS NOT CAST IN PLACE THEN THE INLET SHALL BE PRODUCED ACCORDING TO THE DEPARTMENT'S CURRENT STANDARD SPECIFICATIONS SECTIONS 602 AND 1042.

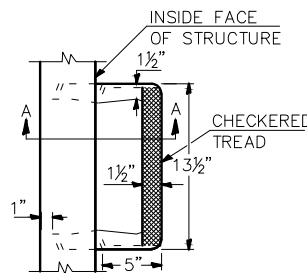
***STEPS WILL BE REQUIRED AT 12" SPACING WHEN INLET IS OVER 4' DEEP. SEE ARTICLE 602.08 OF THE STANDARD SPECS AND DETAILS

CAST IRON STEPS SHALL BE GRAY IRON CONFORMING TO THE REQUIREMENTS OF ARTICLE 1006.14 OF THE STANDARD SPECIFICATIONS.

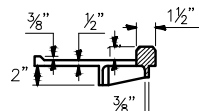
INLETS MAY BE PRECAST ONLY AT LOCATIONS APPROVED BY THE ENGINEER.



SEE ABOVE
TABLE FOR "D"



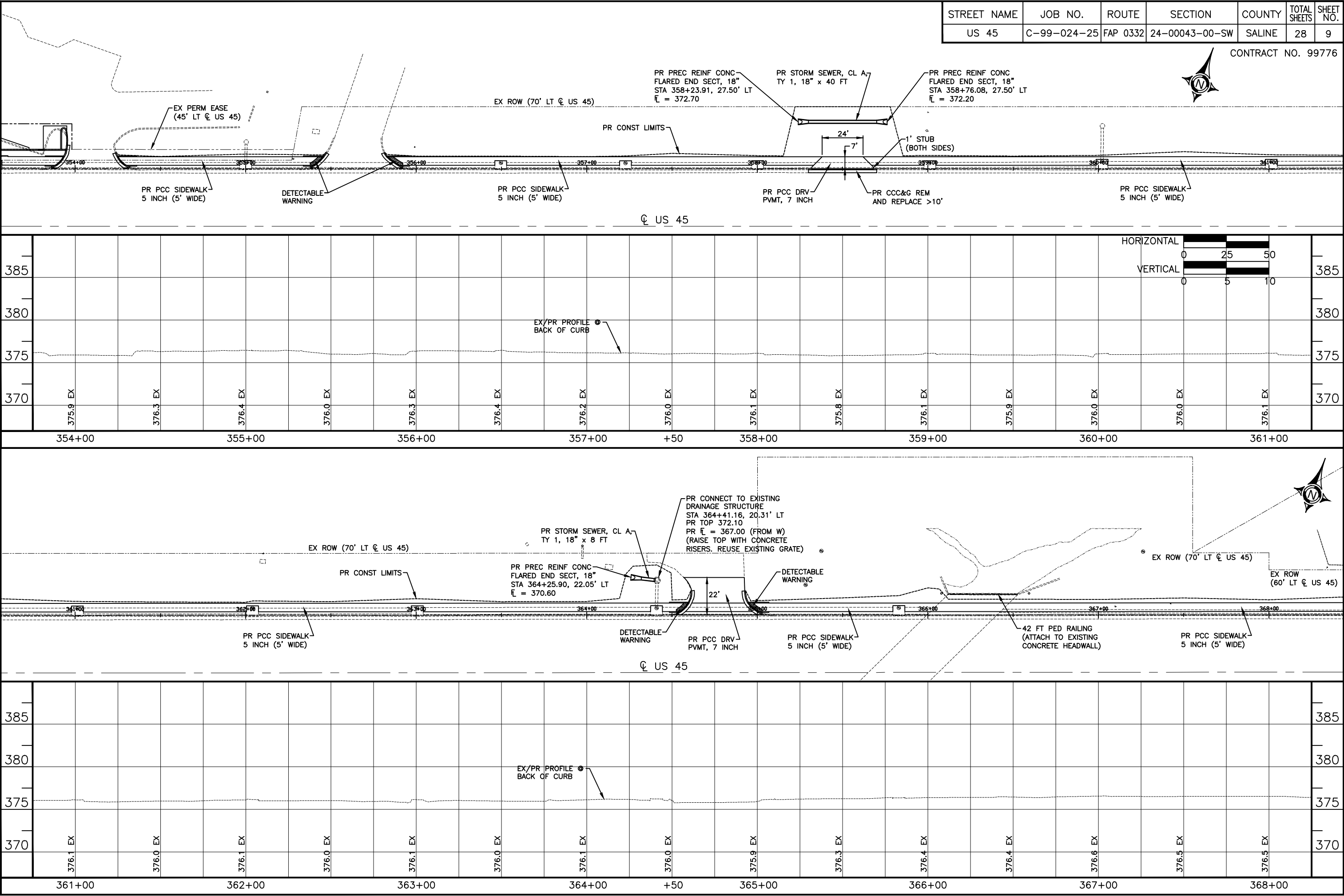
TREAD DIMENSION DETAILS
SEE HWY STD 602701



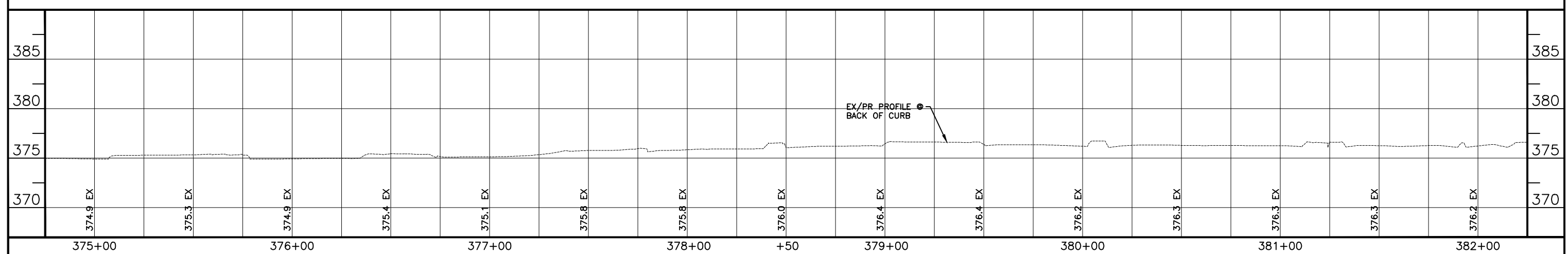
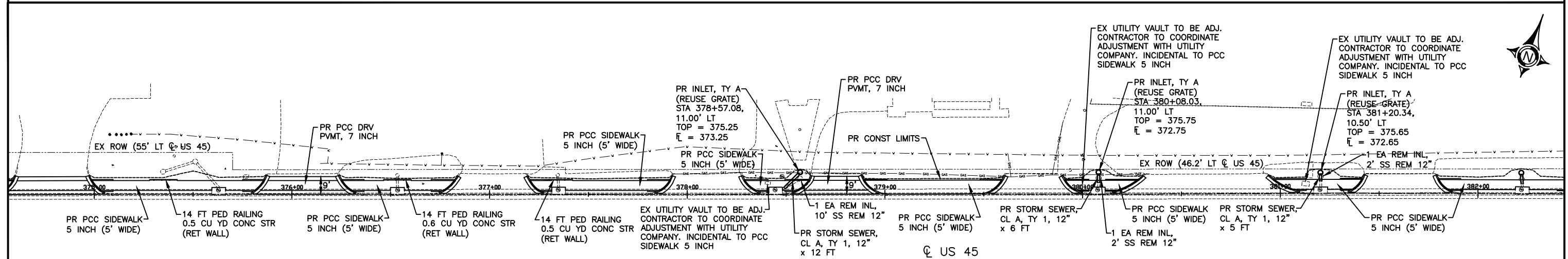
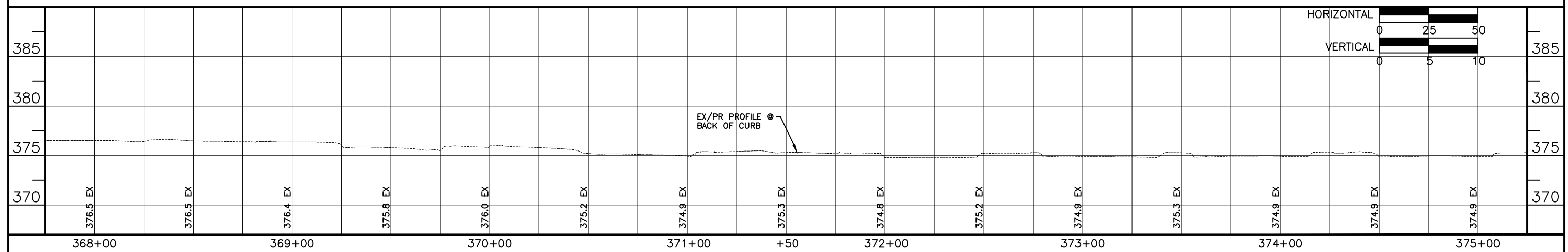
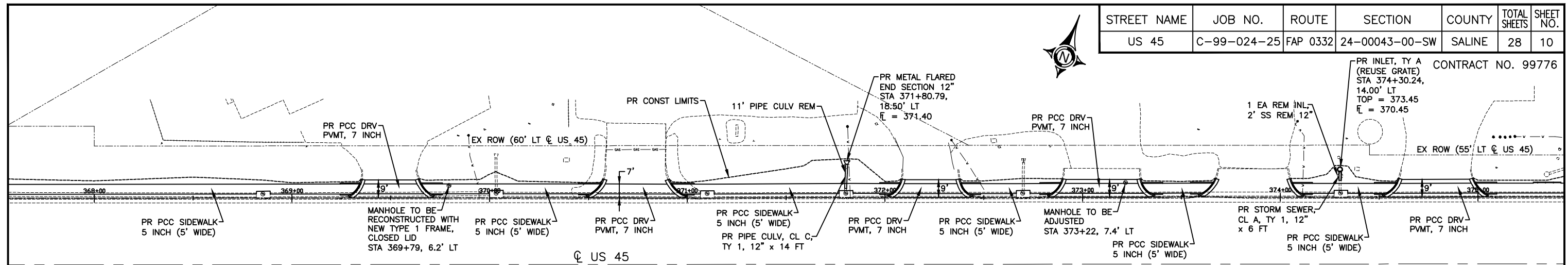
SEC. A-A

1" ROUND GALVANIZED
IRON STEPS 12"O.C.
(OPTIONAL STEPS)

REVISIONS			
REDRAWN	2-15-89	REVISED	3-26-08
REVISED	8-15-94	REVISED	4-10-13
REVISED	1-19-99	REVISED	
REVISED	5-6-04	REVISED	



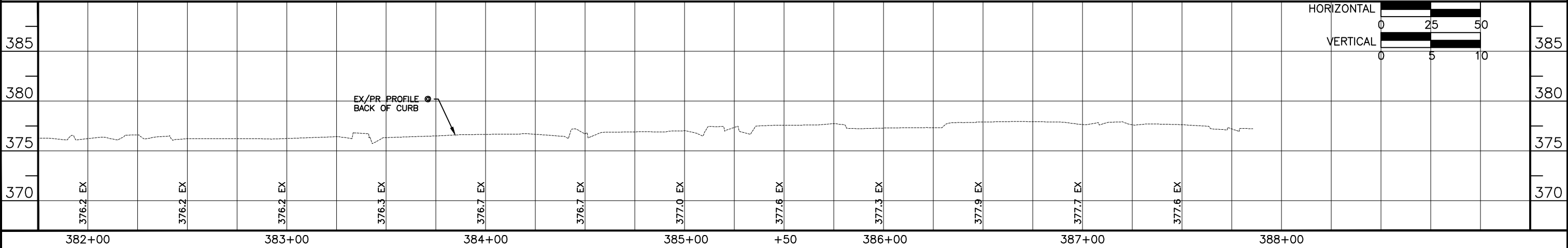
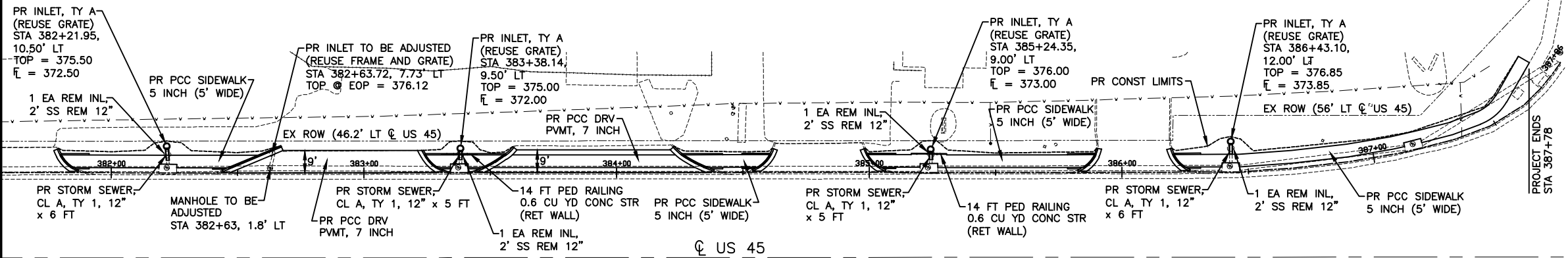
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STATION 368+00 TO 382+00

STREET NAME	JOB NO.	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
US 45	C-99-024-25	FAP 0332	24-00043-00-SW	SALINE	28	11

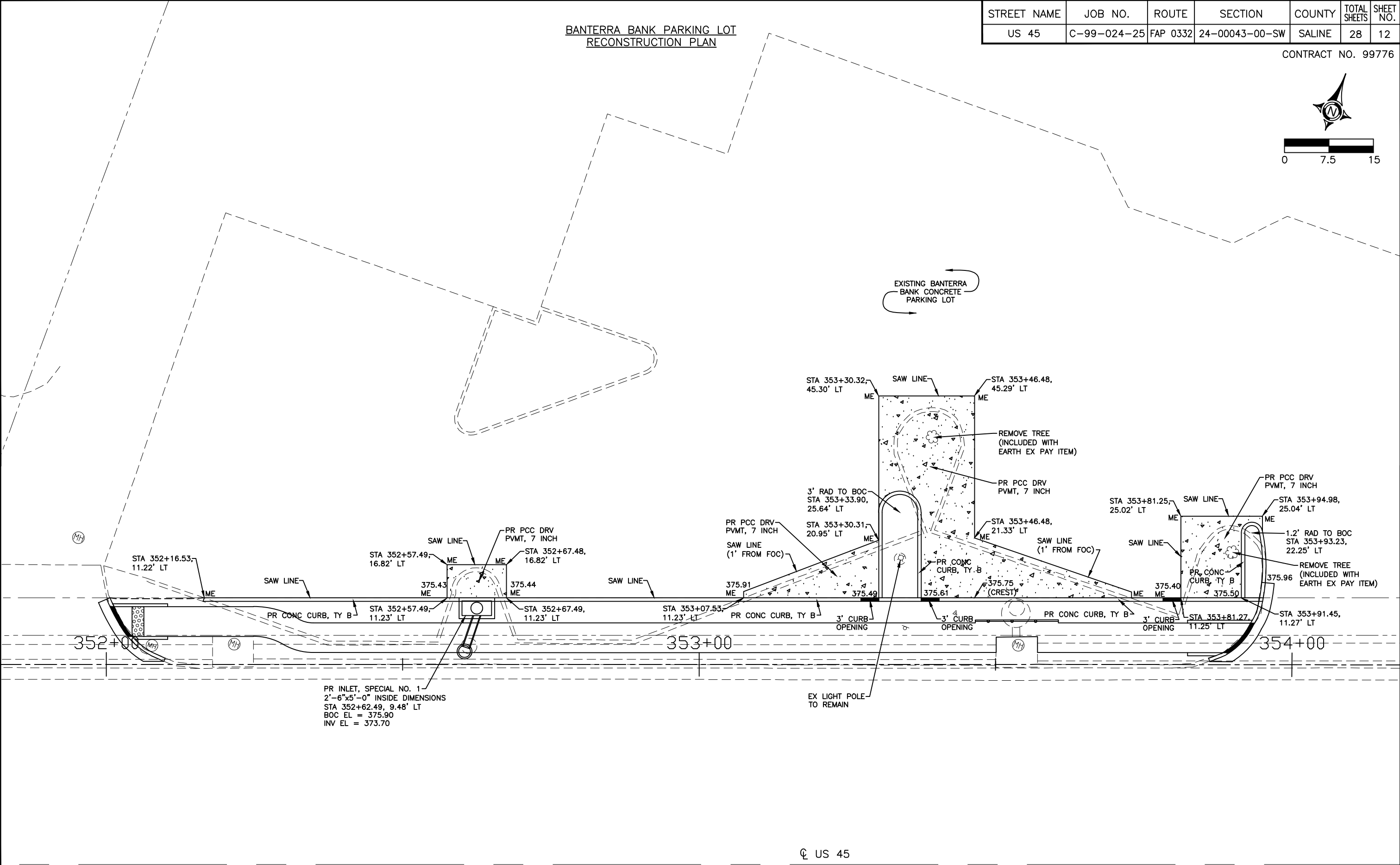
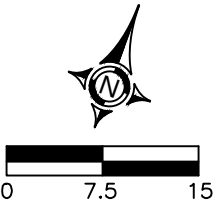
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BANTERRA BANK PARKING LOT
RECONSTRUCTION PLAN

STREET NAME	JOB NO.	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
US 45	C-99-024-25	FAP 0332	24-00043-00-SW	SALINE	28	12

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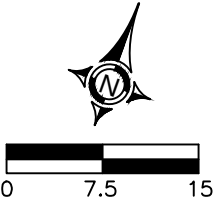


US 45

BANTERRA BANK PARKING LOT
MARKING PLAN

STREET NAME	JOB NO.	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
US 45	C-99-024-25	FAP 0332	24-00043-00-SW	SALINE	28	13

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EXISTING BANTERRA
BANK CONCRETE
PARKING LOT

PAINT PAVEMENT MARKING - LINE 4"
(SOLID LINE - WHITE)

PAINT PAVEMENT MARKING - LINE 4"
(SOLID LINE - WHITE)

PAINT PAVEMENT MARKING - LINE 4"
(PAINTED HATCHING - WHITE)
2' SPACING

MP

17'

70°

9'
TYP

18'

9'
TYP

18'

352+00

MP

MP

353+00

MP

354+00

US 45

