

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00109-00-FP	WAYNE	10	1
FAS ROUTE 797	NORTH ENTERPRISE		
ILLINOIS PROJECT RS-797(121)			
CONTRACT NO. 95468			

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES, AND DETAILS
3	SCHEDULES
4-9	PLAN SHEETS
10	CULVERT CROSS SECTIONS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 10.

000001-04 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS

542301 PRECAST REINFORCED CONCRETE FLARED END SECTION
542306 PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION

701006-02 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
701201-02 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
701301-02 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
BLR 21-6 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
BLR 22-4 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
702001-06 TRAFFIC CONTROL DEVICES

BEFORE DIGGING IN ILLINOIS
...CALL JULIE FIRST AT 1-800-892-0123

JASPER WATER CORPORATION
CONTACT: BILL YOUNG
1-618-842-2918 (HOME)
1-618-237-0164 (CELL)

WABASH TELEPHONE COOP., INC.
CONTACT: TODD SENDER
1-618-665-3311 (OFFICE)
1-618-665-4188 (FAX)

WAYNE / WHITE ELECTRIC
CONTACT: AARON HAWLEY
1-618-842-2196

ELYSIUM ENERGY, L.L.C.
DAVID HUTCHCRAFT, SUPT.
1-618-854-2236 (OFFICE)
1-618-839-8788 (CELL)
-OR-
ERIC EMERY
1-618-676-1044
1-618-839-1174 (CELL)

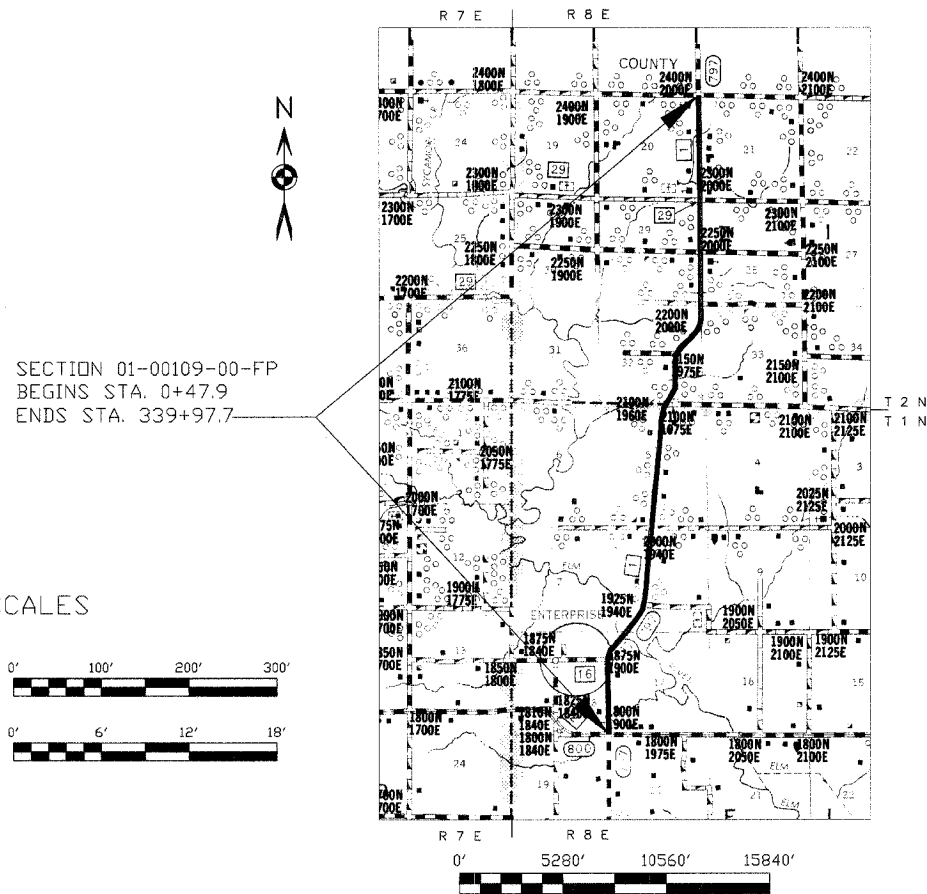
FUNCTIONAL CLASS:

MAJOR COLLECTOR - RURAL
ADT = 1000
DESIGN SPEED = 50 MPH

CONTRACT NO.: 95468

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PLANS FOR
PROPOSED LOCAL AGENCY IMPROVEMENT
FEDERAL-AID SECONDARY PROJECT

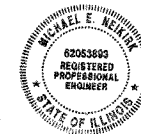
F. A. S. ROUTE 797
SECTION 01-00109-00-FP
WAYNE COUNTY PROJECT RS-797(121)
C-97-078-01



GROSS LENGTH	33949.8	FEET	6.430	MILES
OMISSIONS (281+26.3 - 283+72.5)	246.2	FEET	0.047	MILES
NET LENGTH	33703.6	FEET	6.383	MILES

SUMMARY OF QUANTITIES

QUANTITY	UNIT	ITEM	CODE NO.
64	UNIT	SHAPING ROADWAY	LR212000
1	EACH	SPECIAL STRUCTURE	X5030230
289	CU YD	CONTROLLED LOW-STRENGTH MATERIAL	Z0013825
0.8	ACRE	SEEDING, CLASS 2 (SPECIAL)	25001000
177	TON	STONE DUMPED RIPRAP, CLASS A4	28100807
286	SQ YD	FILTER FABRIC	28200200
91,150	SQ YD	PROCESSING SOIL-CEMENT BASE COURSE 8"	35200300
51,500	100 WT	CEMENT	35200500
1,440	TON	AGGREGATE SURFACE COURSE, TYPE B	40200800
400	GALLON	BITUMINOUS MATERIALS (PRIME COAT)	40300100
45,650	GALLON	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	40300300
1,140	TON	COVER COAT AGGREGATE	40300500
1,140	TON	SEAL COAT AGGREGATE	40300600
2	EACH	BOX CULVERT END SECTION, CULVERT NO. 1	54001001
2	EACH	BOX CULVERT END SECTION, CULVERT NO. 2	54001002
90	FOOT	PRECAST CONCRETE BOX CULVERT 10' X 5'	54011005
32	FOOT	PIPE CULVERTS, TYPE 1 RCCP 24"	54200439
30	FOOT	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 12"	54200637
90	FOOT	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 15"	54200640
40	FOOT	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE- ELLIPTICAL, EQUIVALENT ROUND-SIZE 18"	54207153
176	FOOT	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE- ELLIPTICAL, EQUIVALENT ROUND-SIZE 24"	54207159
208	FOOT	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE- ELLIPTICAL, EQUIVALENT ROUND-SIZE 30"	54207165
2	EACH	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	54213669
1	EACH	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 18"	54214713
10	EACH	PRECAST REINFORCED CONCRETE FLARED END SECTIONS- ELLIPTICAL, EQUIVALENT ROUND-SIZE 24"	54214719
12	EACH	PRECAST REINFORCED CONCRETE FLARED END SECTIONS- ELLIPTICAL, EQUIVALENT ROUND-SIZE 30"	54214725
1	EACH	INLETS, SPECIAL	60242400
2	CAL MO	ENGINEER'S FIELD LABORATORY	67000600
1	L SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	70100450
1	L SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	70101830
1	L SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 22	70101835
1	L SUM	MOBILIZATION	67100100



Michael E. Smith
ILL. REG. PROF. ENGINEER

062-053893

3/13/06

REG. NO.

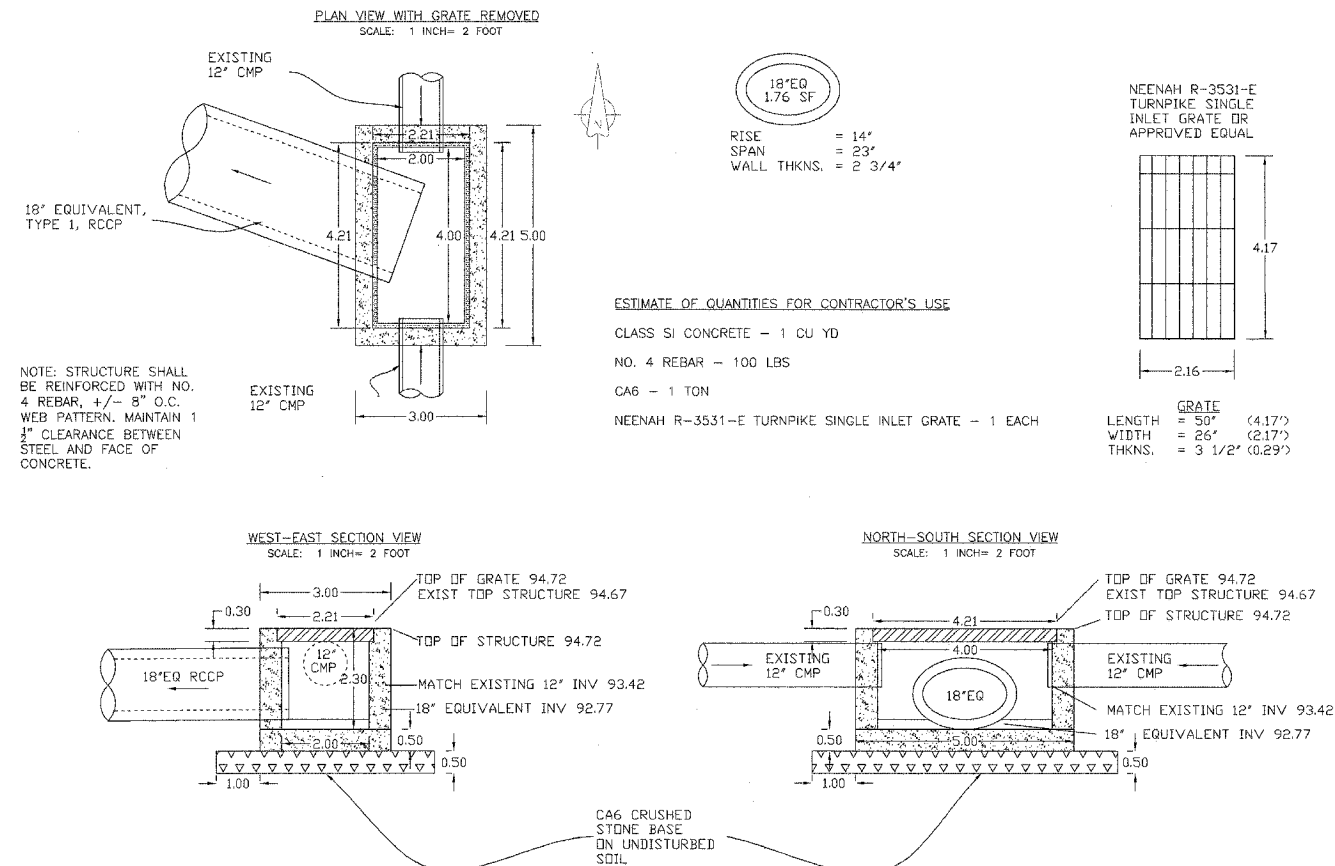
DATE

EXPIRES : 11-30-2007

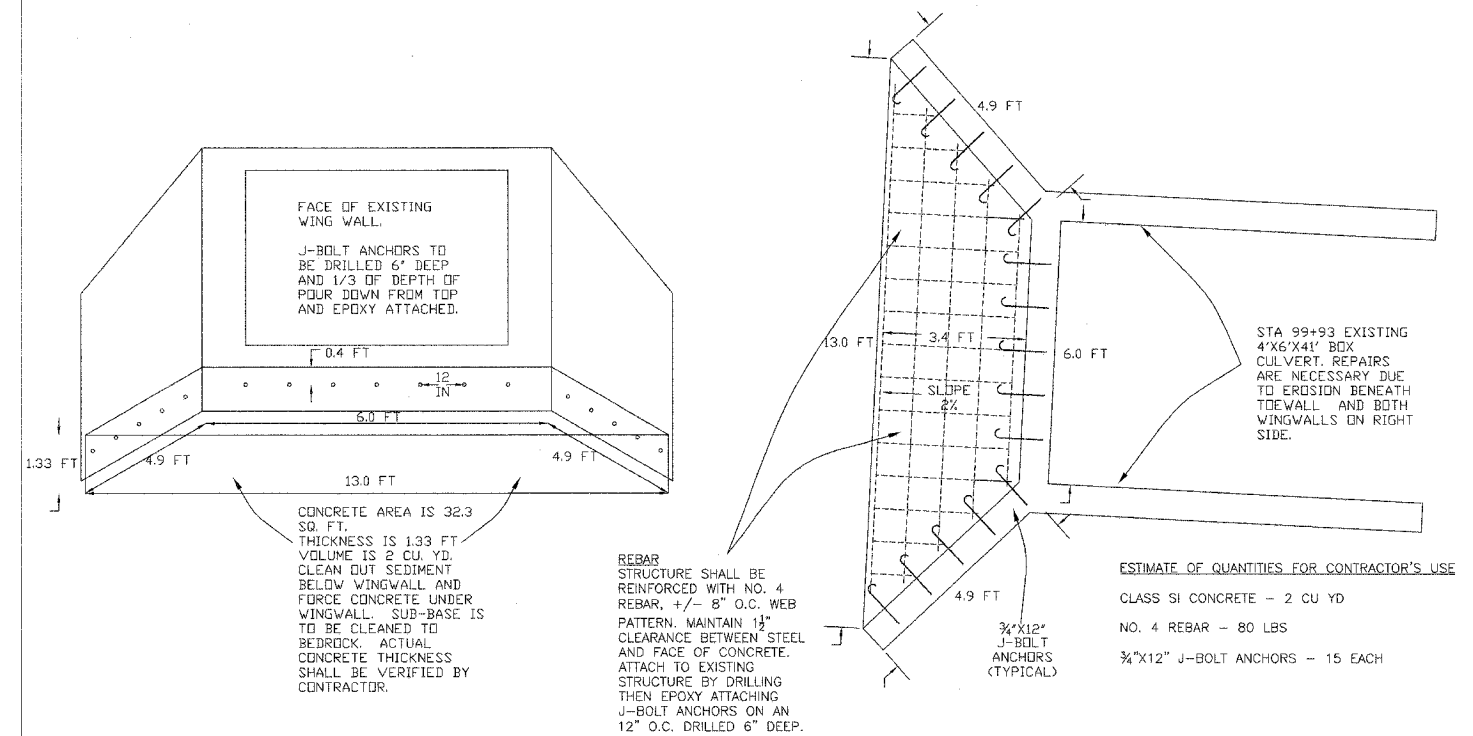
APPROVED	<i>March 14 2006</i> <i>Arthur J. Reibisch</i> COUNTY ENGINEER
PASSED	<i>April 4 2006</i> <i>Maureen E. Casto</i> DISTRICT SEVEN ENGINEER OF LOCAL ROADS & STREETS
Releasing For Bid Based on Limited Review	<i>April 4 2006</i> <i>Christina R. Rasmussen</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION FOUR ENGINEER STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00109-00-FP	WAYNE	10	2
FAS ROUTE	FAS 797	NORTH ENTERPRISE	
ILLINOIS PROJECT	RS-797(121)		
CONTRACT NO.	95468		

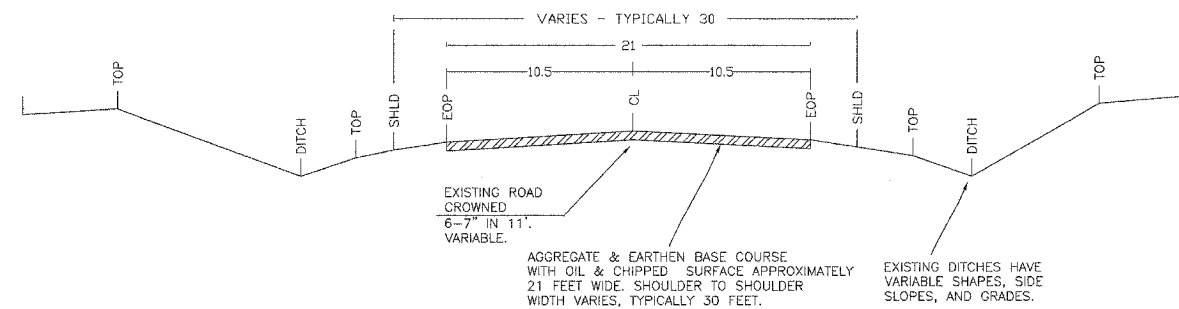
DETAIL OF INLET STRUCTURE AT STA 33+61 INLETS, SPECIAL 60242400 1 EACH



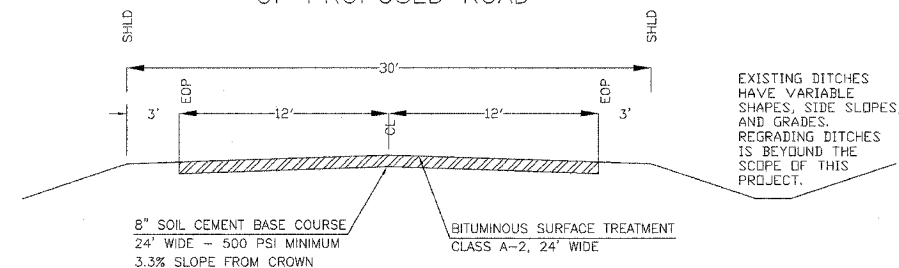
DETAIL OF REPAIRS TO STRUCTURE AT STA 99+93 SPECIAL STRUCTURE X5030230 1 EACH



STA. 00+47.9 TO STA. 3390+97.7 TYPICAL CROSS SECTION OF EXISTING ROAD

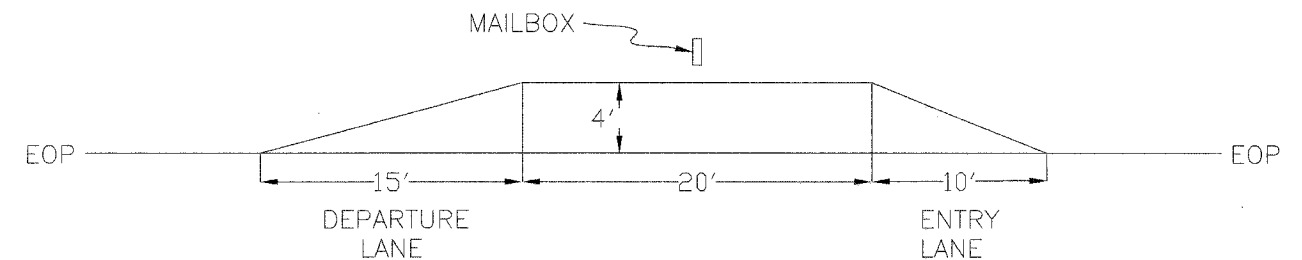


STA. 00+47.9 TO STA. 339+97.7 TYPICAL CROSS SECTION OF PROPOSED ROAD



MAILBOX TURNOUT DETAIL OIL & CHIP REQUIRED

NOTE:
20 TONS OF AGGREGATE SURFACE COURSE TYPE B ALLOWED IN PROPOSAL FOR MAILBOX TURNOUTS AS DIRECTED BY THE ENGINEER.



GENERAL NOTES

THIS SECTION CONSISTS OF THE CONSTRUCTION OF A 24 FOOT WIDE SOIL-CEMENT BASE COURSE, 8" THICK AND A 24 FOOT WIDE, CLASS A-2 BITUMINOUS SURFACE TREATMENT ALONG THE ENTIRE LENGTH OF THE PROJECT WITH THE EXCEPTION OF THE OMISSION OF THE BRIDGE FROM STA. 281+26.3 TO STA. 283+72.5 AS WELL AS THE REPLACEMENT OF VARIOUS SUBSTANDARD DRAINAGE STRUCTURES. THE OVERALL GRADE OF THE EXISTING ROAD AND DITCHES WILL NOT BE CHANGED. ALL OF THE WORK REQUIRED BY THIS PROJECT SHALL BE IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS, AND "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2002.

THE EXISTING GRADE, ALIGNMENT, DRAINAGE STRUCTURES, BASE AND SURFACE WERE CONSTRUCTED UNDER THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S DESIGN REQUIREMENTS FOR LOCAL ROADS AT THE TIME OF THEIR INITIAL CONSTRUCTION. THE ORIGINAL DESIGN PLANS ARE ON FILE AND AVAILABLE FOR INSPECTION AT THE WAYNE COUNTY HIGHWAY DEPARTMENT IN FAIRFIELD, ILLINOIS.

ORIGINAL PLANS INCLUDED WITHIN THIS PROJECT ARE:
WAYNE COUNTY SECTION 21 MFT
WAYNE COUNTY SECTION 55-BG
WAYNE COUNTY SECTION 8 MFT

AR ROAD CULVERTS / CLSM

CENTER LOCATION BY STATION	TYPE A.R. or S.R.	COMMENTS	CULVERT REQUIRED (FT)					END SECTIONS REQUIRED					CLSM	AGG. SURF.
			R.C.C.P. TYPE 1					R.C.C.P. TYPE 1					REQUIRED	CSE. TY B
			18" EQ	24"	24" EQ	30" EQ	10'x5' BOX	18" EQ	24"	24" EQ	30" EQ	10'x5' BOX	(CU. YD.)	(TONS)
21+00	A.R.	BOX CULVERT #1	--	--	--	--	45'	--	--	--	--	2	56	22
33+61	A.R.	SINGLE CULVERT	40'	--	--	--	--	1	--	--	--	--	32	5
59+90	A.R.	TWIN CULVERTS	--	--	--	32' 32'	--	--	--	--	2	--	28	15
88+99	A.R.	TWIN CULVERTS	--	--	32' 32'	--	--	--	--	2	--	--	25	13
109+37	A.R.	TWIN CULVERTS	--	--	--	32' 32'	--	--	--	--	2	--	25	15
128+52	A.R.	SINGLE CULVERT	--	32'	--	--	--	--	2	--	--	--	9	5
150+34	A.R.	BOX CULVERT #2	--	--	--	--	45'	--	--	--	--	2	47	18
220+22	A.R.	TWIN CULVERTS	--	--	--	40' 40'	--	--	--	--	2	--	28	17
305+20	A.R.	TWIN CULVERTS	--	--	40' 40'	--	--	--	--	2	--	--	28	12
317+86	A.R.	SINGLE CULVERT	--	--	32'	--	--	--	--	2	--	--	11	6
	TOTALS		40'	32'	176'	208'	90'	1	2	10	12	4	289	128

RIPRAP SCHEDULE

STONE DUMPED RIPRAP, CLASS A4 28100807
FILTER FABRIC FOR USE WITH RIPRAP 28200100

CENTER LOCATION BY STATION	LOCATION LT OR RT	COMMENTS	RIPRAP TONS ALLOWED	FILTER FABRIC SQ YD
21+00	RT	BOX CULVERT #1 DISCHARGE	55	94
59+90	LT	FIELD DRAINAGE AT NEW CULVERT	10	16
99+93	LT	EXISTING CULVERT REPAIR	10	12
99+93	RT	EXISTING CULVERT REPAIR	14	24
109+37	RT	TWIN CULVERT DISCHARGE	10	19
150+34	RT	BOX CULVERT #2 DISCHARGE	24	41
167+07	RT	EXISTING CULVERT REPAIR	24	41
220+22	RT	TWIN CULVERT DISCHARGE	10	13
305+20	LT	EXISTING CULVERT REPAIR	10	16
317+86	LT	SINGLE CULVERT	10	9
		TOTALS	177	286

SHAPING ROADWAY
SCHEDULE OF SHAPING ROADWAY
(LR 212000)

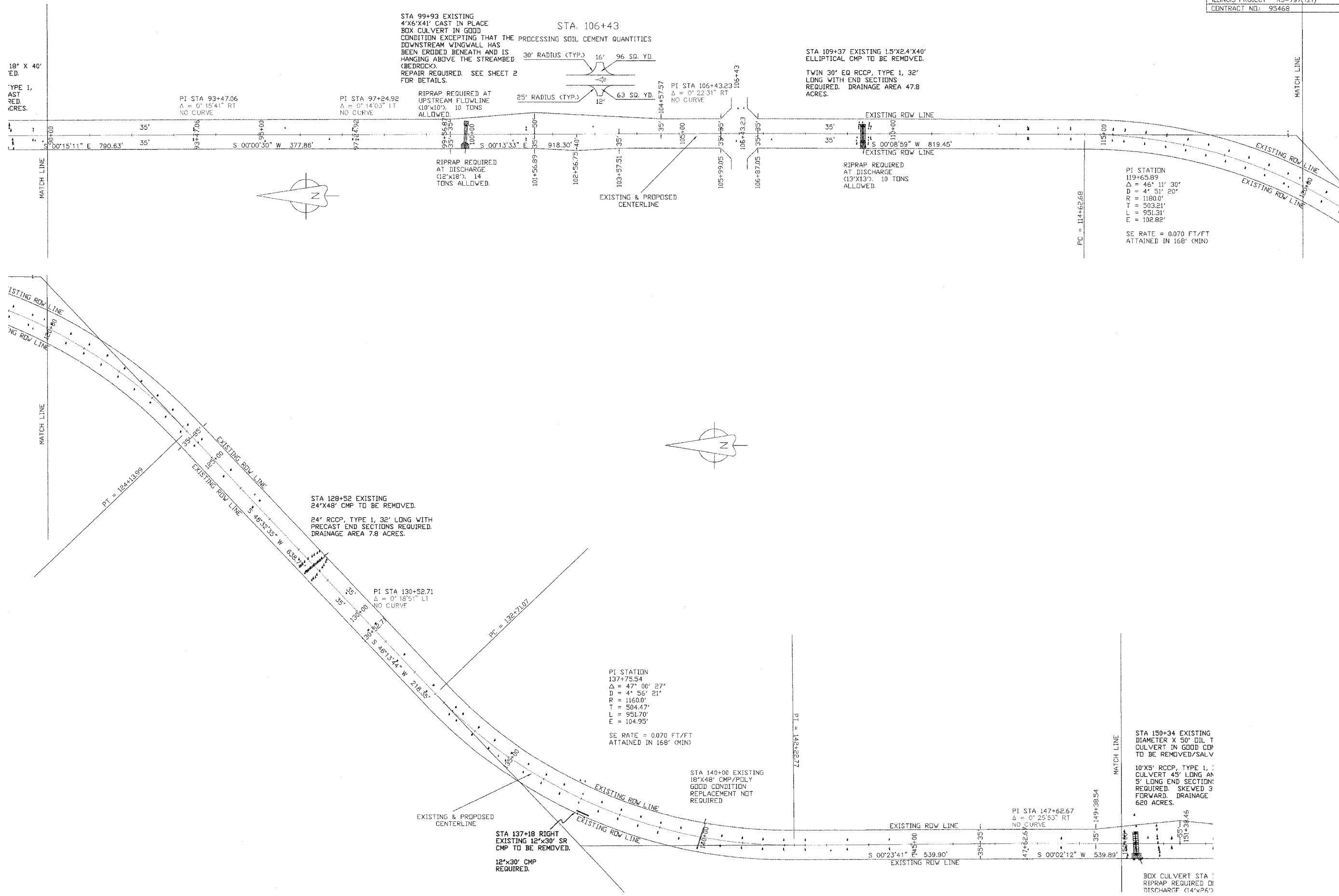
CURVE #	PI STATION	FEET	UNITS
1	119+65.89	1200	12
2	137+75.54	1200	12
3	156+96.73	1000	10
4	165+68.99	900	9
5	270+67.21	1000	10
6	298+39.90	1100	11
TOTALS		6400	64

SR ROAD CULVERTS

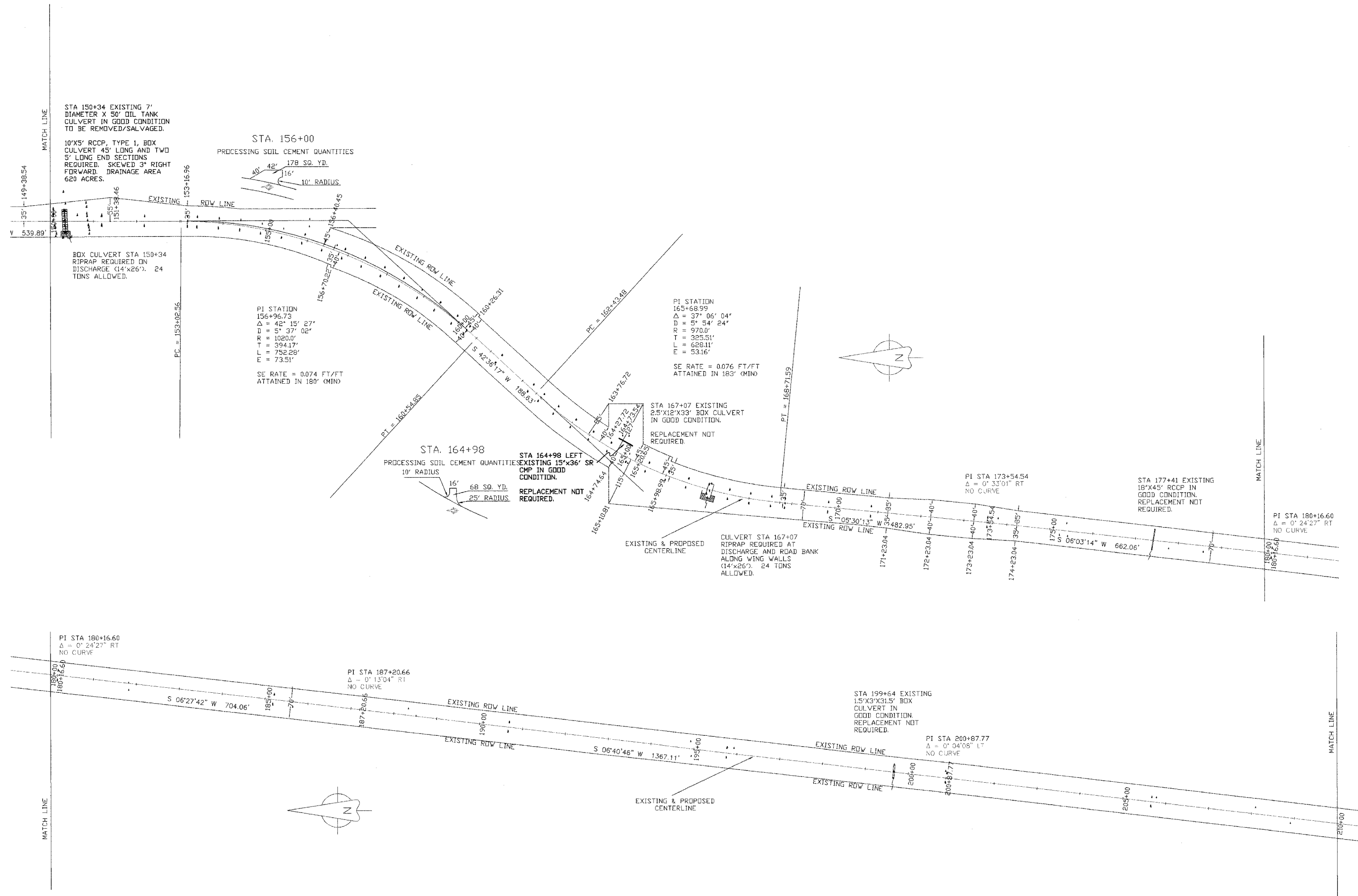
EXISTING SR CULVERT	COMMENTS	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM		AGG. SURF. CSE. TY B
		12" RS	15" RS	(TONS)
STA 53+59 (15"x44" CMP)	REPLACE WITH SAME	--	44	10
STA 80+02 (15"x46" CMP)	REPLACE WITH SAME	--	46	10
STA 137+18 (12"x30" CMP)	REPLACE WITH SAME	30	--	10
TOTALS		30	90	30

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00109-00-FP	WAYNE	10	3
FAS ROUTE	FAS 797	NORTH ENTERPRISE	
ILLINOIS PROJECT	RS-797(121)		
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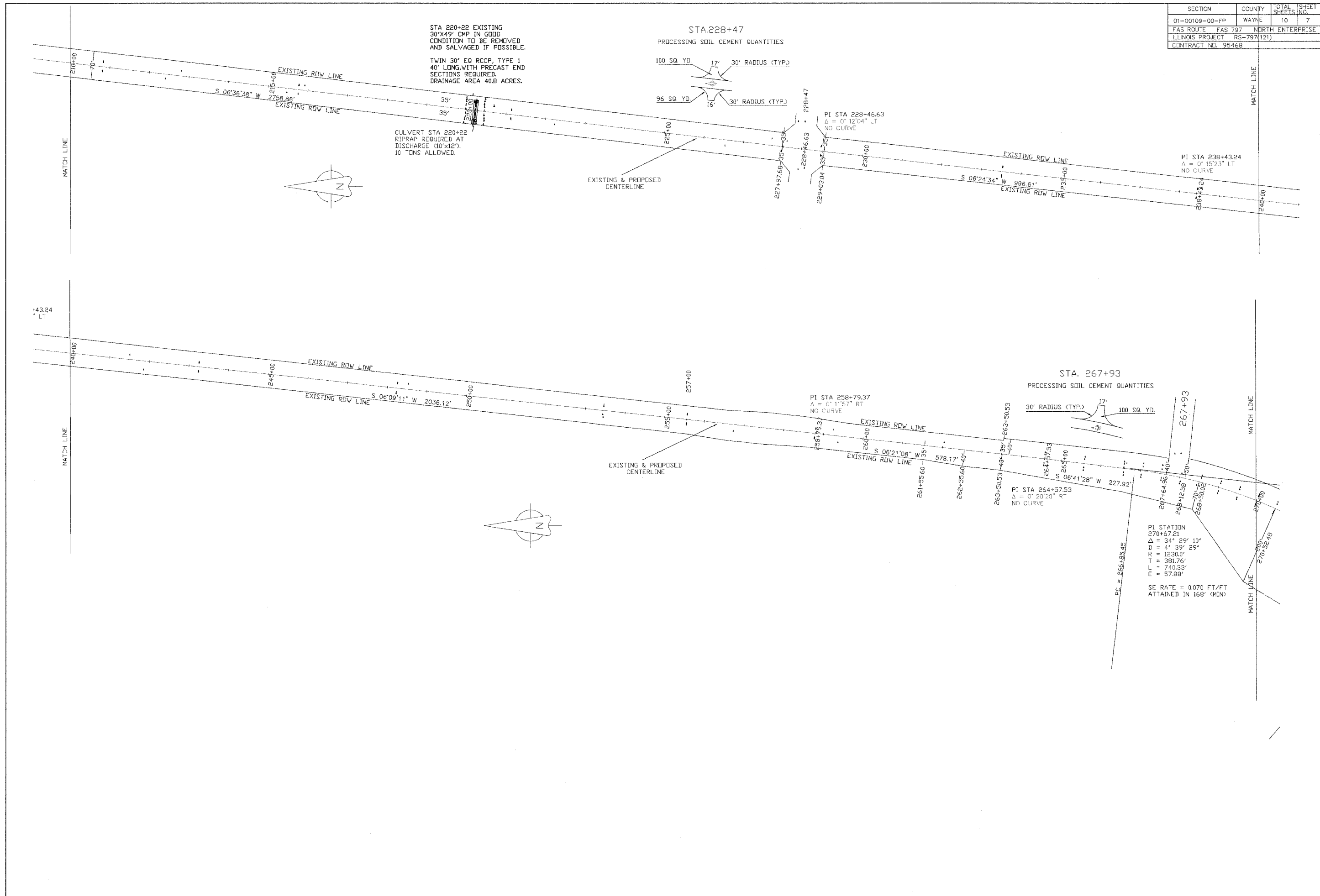
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00109-00-FP	WAYNE	10	5
FAS ROUTE	FAS 797	NORTH ENTERPRISE	
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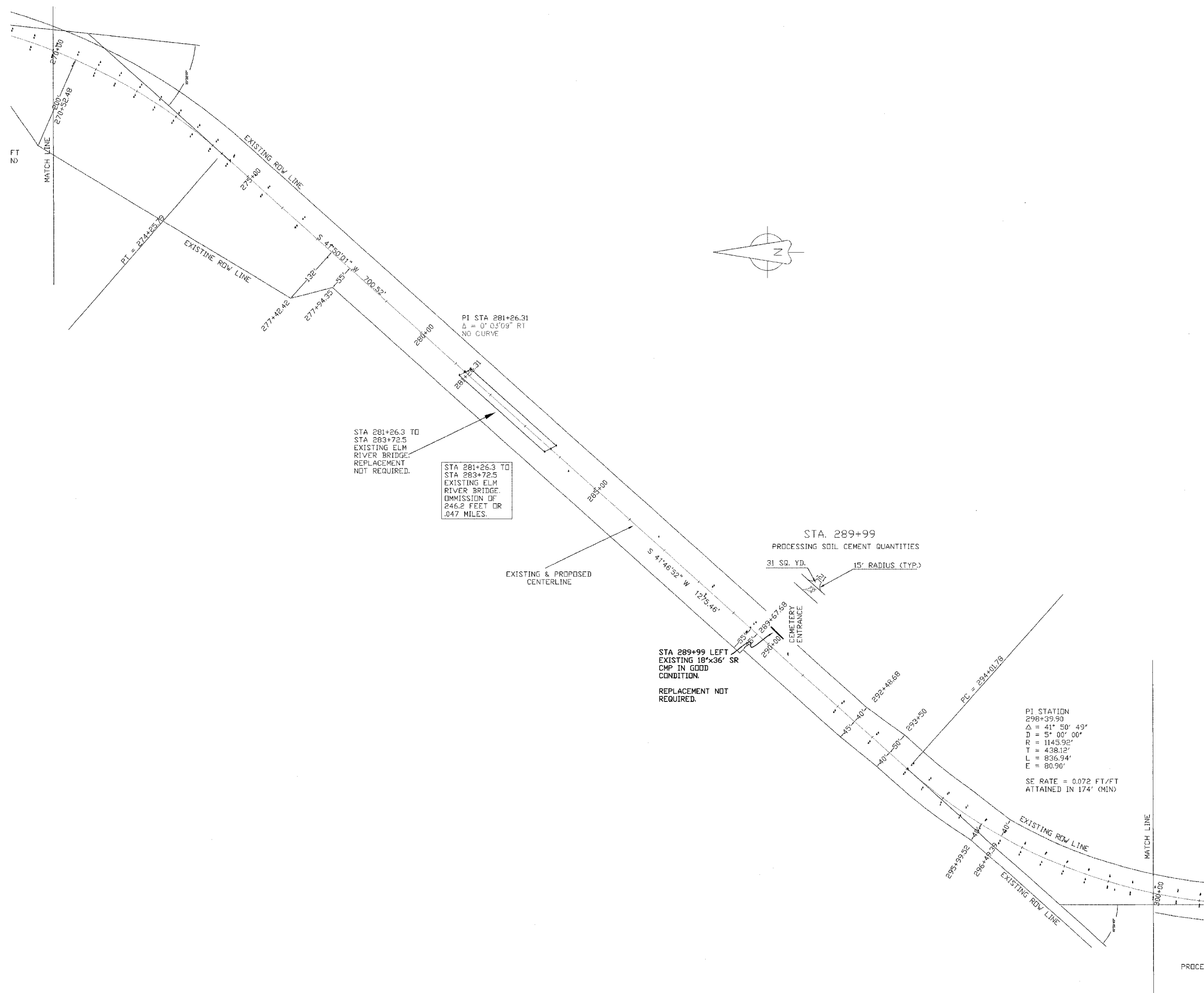
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00109-00-FP	WAYNE	10	6
FAS ROUTE	FAS 797	NORTH ENTERPRISE	
ILLINOIS PROJECT	RS-797(121)		
CONTRACT NO.	95468		



SECTION	COUNTY	TOTAL SHEET
01-00109-00-FP	WAYNE	10
FAS ROUTE	FAS 797	NORTH ENTERPRISE
ILLINOIS PROJECT	RS-797(121)	
CONTRACT NO.	95468	



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00109-00-FP	WAYNE	10	8
FAS ROUTE	FAS 797	NORTH ENTERPRISE	
ILLINOIS PROJECT	RS-797(121)		
CONTRACT NO: 95468			



D

MATCH LINE

PT = 302+38.72

STA 305+20 EXISTING
24'X51' CMP TO BE REMOVED.

TWIN 24" EQ RCCP, TYPE 1
40' LONG WITH PRECAST END
SECTIONS REQUIRED.
DRAINAGE AREA 19.4 ACRES.

PI STA 307+49.71
 $\Delta = 0^\circ 23'47''$ LT
NO CURVE

EXISTING ROW LINE

S 00°12'33" W 510.99'

40'

40'

307+49.71

308+48.80

310+00

315+00

EXISTING ROW LINE

S 00°11'14" E 2056.19'

30'

30'

320+00

325+00

330+00

335+00

340+00

EXISTING ROW LINE

PI STA 328+05.90
 $\Delta = 0^\circ 20'26''$ RT
NO CURVE

EXISTING ROW LINE

CULVERT STA
317+86 RIPRAP
REQUIRED AT
DISCHARGE (10'X8').
10 TONS ALLOWED.

RIPRAP REQUIRED
AT DISCHARGE
(10'X14'). 10 TONS
ALLOWED.

EXISTING & PROPOSED
CENTERLINE

N

STA. 301+90
PROCESSING SOIL CEMENT QUANTITIES

40' RADIUS (TYP.)

165 SQ. YD.

19'

MATCH LINE

SECTION 01-00109-00-FP
ENDS STATION 339+97.7

STA 334+01 EXISTING
5'X12'X30' CAST IN
PLACE BOX CULVERT
IN GOOD CONDITION.
REPLACEMENT NOT
REQUIRED.

PI STA 336+17.70
 $\Delta = 0^\circ 45'56''$ LT
NO CURVE

EXISTING ROW LINE

S 00°09'12" W 811.80'

336+17.70

S 00°36'44" E 391.02'

340+08.71

EXISTING ROW LINE

EXISTING & PROPOSED
CENTERLINE

MATCH LINE

CULVERT CROSS SECTIONS

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