

**INDEX OF SHEETS 1-18-13 LETTING ITEM 099**

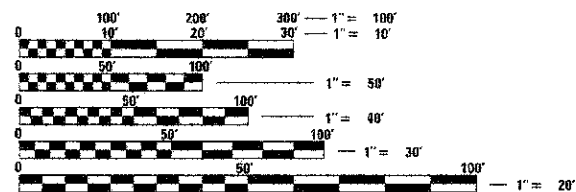
SHEET NO.	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES AND SUMMARY OF QUANTITIES
3	SCHEDULES OF QUANTITIES
4-6	EXISTING TYPICAL CROSS SECTIONS
7-9	PROPOSED TYPICAL CROSS SECTIONS
10-37 (INCL)	PLAN SHEETS
38	SIDEROAD RESURFACING DETAILS
39	ENTRANCE DETAILS
40	MAILBOX TURNOUT DETAILS
41	TRAFFIC CONTROL FOR SIDEROADS

**ILLINOIS HIGHWAY STANDARD DRAWINGS**

701011-03	OFF-ROAD MOVING OPERATIONS, 2-LANE, 2-WAY, DAYTIME ONLY
701301-04	LANE CLOSURE, 2-LANE, 2-WAY, SHORT TIME OPERATION
701306-03	LANE CLOSURE, 2-LANE, 2-WAY, SLOW MOVING OPERATIONS, DAYTIME ONLY FOR SPEEDS EQUAL TO OR GREATER THAN 45 MPH
701311-03	LANE CLOSURE, 2-LANE, 2-WAY, MOVING OPERATIONS, DAYTIME ONLY
701901-02	TRAFFIC CONTROL DEVICES
780001-03	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

STRUCTURAL DESIGN TRAFFIC YEAR 2019	
PV= 1,041 (94.6%)	SU= 19 (1.7%) MU= 41 (3.7%)
ROAD/STREET CLASSIFICATION	CLASS III
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE	
P= 55%	S= 55% M= 55%
TRAFFIC FACTOR	Actual TF = 0.255 AC Type = PG 64-22
	Minimum TF = 0.5
PG GRADE:	Level Binder = 64-22 Surface = 64-22

**AARON M. LAWSON**  
 PROFESSIONAL ENGINEER  
 NO. 062-051230  
 EXPIRES 11-30-2013



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
 1-800-892-0123  
 OR 811

**SECTION 10-00103-02-RS  
 BEGINS STATION 26 + 90**

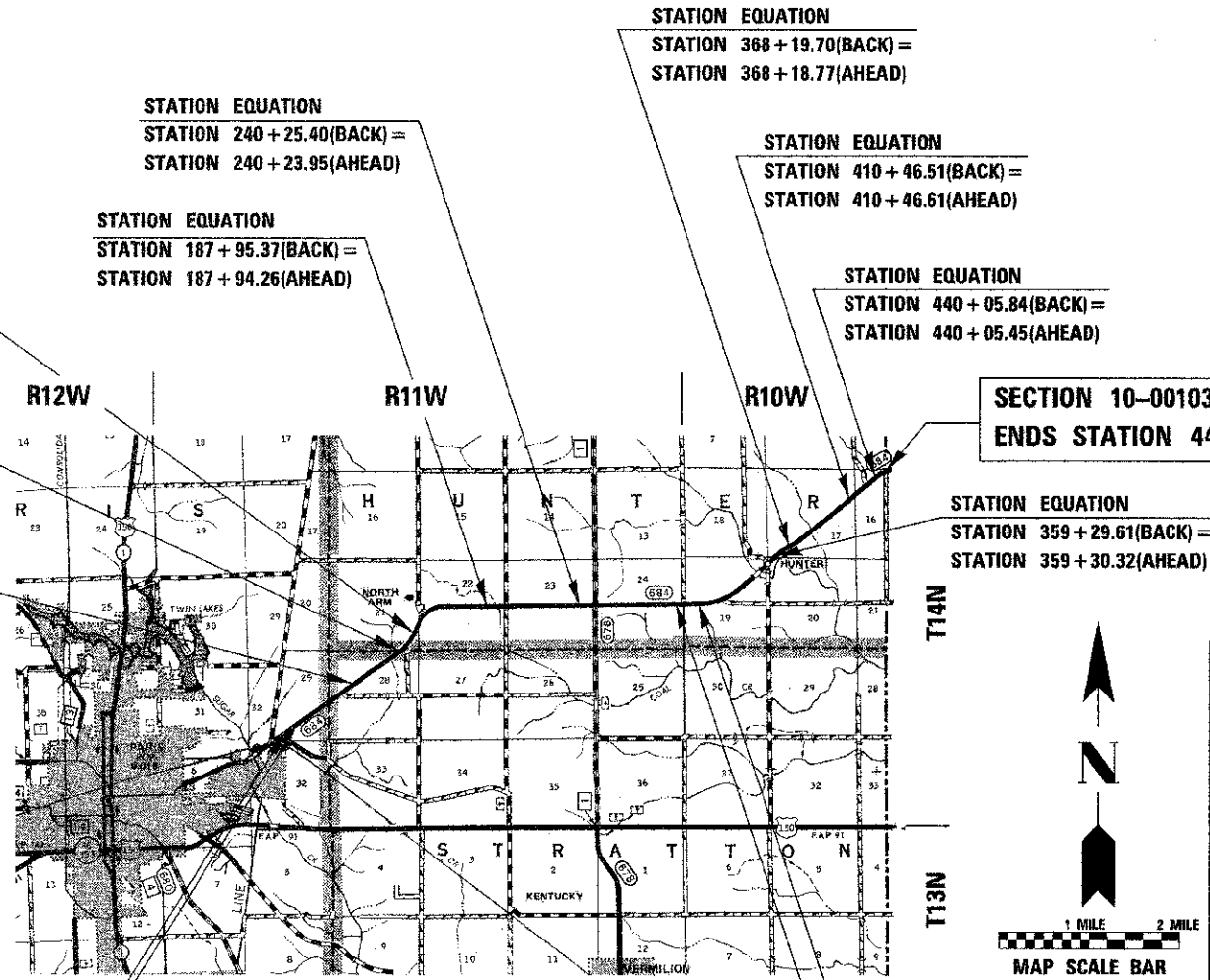
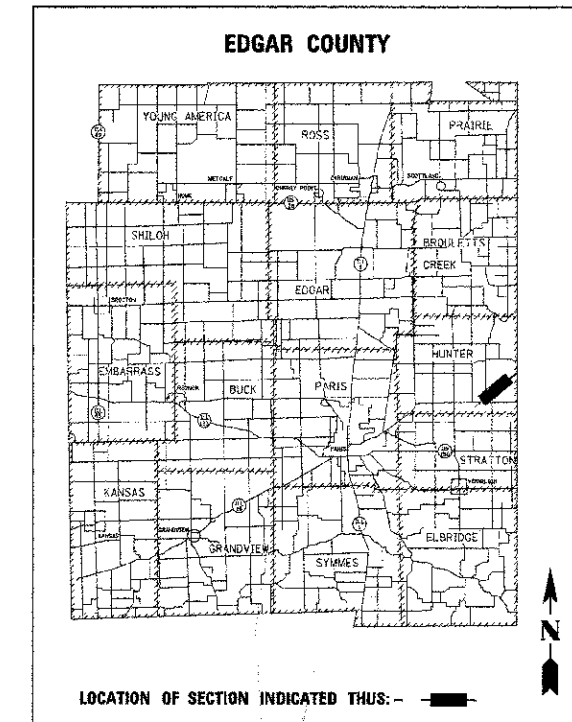
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS**

**PROPOSED  
 HIGHWAY PLANS**

**FAS ROUTE 684 (CH 2) (CLINTON ROAD)  
 SECTION 10-00103-02-RS  
 PROJECT NO. RS-0684(106)  
 HMA RESURFACING  
 EDGAR COUNTY  
 FUNDING STR & TARP  
 JOB NO. C-95-323-12**

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	10-00103-02-RS	EDGAR	41	1

**CONTRACT NO. 91471  
 C-95-323-12**



**STATION EQUATION**  
 STATION 240 + 25.40(BACK) =  
 STATION 240 + 23.95(AHEAD)

**STATION EQUATION**  
 STATION 368 + 19.70(BACK) =  
 STATION 368 + 18.77(AHEAD)

**STATION EQUATION**  
 STATION 410 + 46.51(BACK) =  
 STATION 410 + 46.61(AHEAD)

**STATION EQUATION**  
 STATION 440 + 05.84(BACK) =  
 STATION 440 + 05.45(AHEAD)

**SECTION 10-00103-02-RS  
 ENDS STATION 44 + 00.59**

**STATION EQUATION**  
 STATION 134 + 25.77(BACK) =  
 STATION 134 + 25.45(AHEAD)

**STATION EQUATION**  
 STATION 119 + 37.54(BACK) =  
 STATION 119 + 35.69(AHEAD)

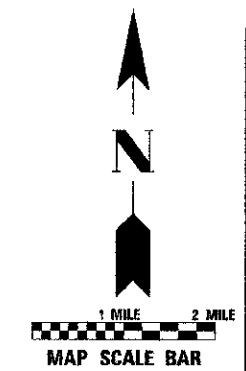
**STATION EQUATION**  
 STATION 84 + 96.67(BACK) =  
 STATION 84 + 96.17(AHEAD)

**STATION EQUATION**  
 STATION 359 + 29.61(BACK) =  
 STATION 359 + 30.32(AHEAD)

**STATION EQUATION**  
 STATION 38 + 85.15(BACK) =  
 STATION 38 + 85.28(AHEAD)

**STATION EQUATION**  
 STATION 292 + 75.17(BACK) =  
 STATION 292 + 74.50(AHEAD)

**STATION EQUATION**  
 STATION 313 + 73.84(BACK) =  
 STATION 313 + 73.50(AHEAD)



**AGENCY RESPONSIBLE FOR LETTING**

APPROVED: *[Signature]* 10/11 20 12  
 EDGAR COUNTY ENGINEER

PASSED: *[Signature]* 10/11 20 12  
 DISTRICT FIVE ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID  
 BASED ON LIMITED REVIEW: *[Signature]* 10/11 20 12  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION THREE ENGINEER  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CONTRACT NO. 91471

GROSS LENGTH = 41,797.21 FT. = 7.916 MILE  
 NET LENGTH = 41,797.21 FT. = 7.916 MILE

**ROUTE: CH 2 CLINTON RD EDGAR COUNTY  
 SECTION: 10-00103-02-RS DESCRIPTION: HMA RESURFACING 700' EAST OF CSX RR TO STATE LINE**

# GENERAL NOTES AND SUMMARY OF QUANTITIES

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	10-00103-02-RS	EDGAR	41	2
		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 91471

## GENERAL NOTES

### G.N.-100

ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

### G.N.-406

THE QUANTITIES INCLUDED IN THE PLANS FOR HOT-MIX ASPHALT RESURFACING ARE INTENDED TO GIVE THE COVERAGE SHOWN ON THE TYPICAL CROSS SECTIONS. IT IS NOT INTENDED TO INCREASE THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT.

### G.N. -406H

#### MIXTURE REQUIREMENTS

The following mixture requirements are applicable for this project:

Location(s):	Station 26+45 to Station 44+75.50	Station 26+75 to Station 44+36.70
Mixture Use(s):	Surface Course & Incidental	Level Binder Fine Graded
AC/PG:	PG 64-22	PG 64-22
RAP %: (Max)**	15	25
Design Air Voids:	4.0% @Ndes=50	4.0% @Ndes=50
Mixture Composition: (Gradation Mixture)	IL 9.5	IL 9.5 FG
Friction Aggregate:	Mix C	Mix C

### G.N.-406.05b

ALL LEVELING BINDER OR BINDER SHALL BE GIVEN A FOG COAT OF PRIME BEFORE THE SURFACE COURSE IS PLACED WHEN DIRECTED BY THE ENGINEER.

THE FOG COAT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER GALLON FOR BITUMINOUS MATERIAL (PRIME COAT) AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

### G.N.-703A

SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: PLACING BITUMINOUS MATERIALS (PRIME COAT), LEVELING BINDER (MACHINE METHOD), BINDER AND SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE, SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET (OR 10% PER STATION).

### G.N.-781

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH STANDARD 781001. THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS AND THE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED MIDWAY IN THE 30 FOOT SPACE BETWEEN THE DASHED CENTERLINE STRIPES.

### G.N.-1004.01

COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.

#### UTILITIES LOCATED WITHIN SECTION

UTILITY	TYPE	LOCATION	RELOC
Clark-Edgar Rural Water	Buried Main	Throughout Project	None
Enerstar Power Corp.	Aerial Lines	Throughout Project	None
Frontier Communications	Aerial Lines	Throughout Project	None
Midwestern Gas Trans.	Buried Main	Station 228+10	None

## SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	75
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	17,500
40600300	AGGREGATE (PRIME COAT)	TON	175
40600627	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N50	TON	5,125
40600695	CONSTRUCTING TEST STRIP	EACH	2
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	349
40600990	TEMPORARY RAMP	SQ YD	94
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	9,980
40600010	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	815
40600030	AGGREGATE (PRIME COAT)	TON	8
40600050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	435
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	3,900
67100100	MOBILIZATION	L SUM	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	12,552
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1,395
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	104,199
78100100	RAISED RELECTIVE PAVEMENT MARKER	EACH	522

\* SPECIALTY ITEM



EDGAR COUNTY  
HIGHWAY DEPARTMENT

# SCHEDULES OF QUANTITIES

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
AS 684 (CH 2)	10-00103-02-RS	EDGAR	41	3
ILLINOIS FED. AID PROJECT				

**CONTRACT NO. 91471**

### 40200800 AGGREGATE SURFACE COURSE, TYPE B

LOCATION	LENGTH	WIDTH	TONS
<b>PRIVATE AND COMMERCIAL ENTRANCES</b>			
16 PE's & 1 CE	12.00'	8.00'	11.7
<b>FIELD ENTRANCES</b>			
50 FIELD ENTRANCES	16.00'	11.00'	63.3

**TOTAL = 75 TONS**

### HMA LEVELING BINDER FG AND SURFACE COURSE

STATION	TO	STATION	LENGTH	WIDTH	40600100 40600300 40600627 40603310			
					GALLONS	TONS	TONS	TONS
					PRIME COAT	AGG PRIME	LEVEL BINDER	SURFACE
26+45.00		444+75.59	41,837.21'	24.00'	17,259.2	172.5	5,054.4	9,842.8
LT 118+65		LT 131+85	1,320.00'	4.00'	90.8	0.9	26.6	51.7
RT 132+15		RT 153+97	2,182.00'	4.00'	150.0	1.6	44.0	85.5

**TOTALS = 17,500 GALLONS 175 TONS 5,125 TONS 9,980 TONS**

### 40600982 HMA SURFACE REMOVAL - BUTT JOINT

STATION	TO	STATION	LENGTH	WIDTH	SQ YDS
VERMILION ROAD RT STATION		245+03.40	159.44'	10.00'	181.5
444+42.26		444+75.59	33.33'	24.00'	88.8
CHURCH ENTRANCE RT		429+10			39.35
CHURCH ENTRANCE RT		431+60			39.35

**TOTAL = 349 SQ YDS**

### 40600990 TEMPORARY RAMP

STATION	TO	STATION	LENGTH	WIDTH	SQ YDS
VERMILION ROAD RT STATION		245+03.40	144.50'	5.00'	80.6
444+70.59		444+75.59	5.00'	24.00'	13.4

**TOTAL = 94 SQ YDS**

### INCIDENTAL HMA SURFACING

LOCATION	LENGTH	WIDTH	40800010 GALLONS	40800030 TONS	40800050 TONS
			PRIME COAT	AGG PRIME	INCIDENTAL SURF
<b>ENTRANCES and MAILBOX TURNOUTS</b>					
RT 37+15 PE & MAILBOX			26.5	0.17	9.0
RT 96+30.45 PE			16.3	0.10	5.5
RT 104+90 PE & MAILBOX			27.8	0.18	9.4
RT 113+00 PE			16.5	0.11	5.6
RT 118+06 PE & MAILBOX			30.9	0.20	10.4
RT 130+17 PE & MAILBOX			27.6	0.18	9.3
RT 157+80 PE & MAILBOX			26.5	0.17	9.0
RT 179+00 PE			15.2	0.10	5.1
RT 185+36 PE & MAILBOX			27.2	0.17	9.2
RT 273+18 PE & MAILBOX			28.7	0.18	9.7
RT 309+77 PE & MAILBOX			23.7	0.15	8.0
LT 341+31 PE			15.2	0.10	5.1
RT 345+06 PE & MAILBOX			22.8	0.15	7.7
LT 359+52 PE			21.7	0.14	7.4
RT 374+10 PE & MAILBOX			20.4	0.13	6.9
RT 381+10 CE			15.4	0.10	5.2
RT 429+10 CHURCH ENT			4.1	0.06	5.2
RT 431+60 CHURCH ENT			3.0	0.04	3.8
LT 443+77 PE			19.6	0.12	6.6
4 STAND ALONE MAILBOX TURNOUTS			80.0	0.51	27.0
<b>SIDERoads</b>					
RT 71+50			22.4	0.32	14.2
RT 119+00			22.4	0.32	14.2
LT 140+00			22.5	0.32	14.3
LT 192+50.34			24.0	0.34	15.2
RT 192+50.34			24.0	0.34	15.2
LT 245+03.40			22.9	0.33	14.5
RT 245+03.40			19.0	0.27	12.0
LT 297+08.45			20.4	0.29	12.9
RT 320+71.50			19.4	0.28	12.3
RT 354+33.20			20.0	0.29	12.7
LT 355+88.20			20.0	0.29	12.7
LT 429+25			23.9	0.34	15.2
RT 443+50			18.5	0.27	11.8
<b>STABILIZED SHOULDERS</b>					
LT 170+10 TO LT 172+90	280.00'	10.00'	32.5	0.47	45.7
LT 349+50 TO LT 352+40	290.00'	10.00'	33.6	0.48	47.3

**TOTALS = 815 GALLONS 8 TONS 435 TONS**

### 48102100 AGGREGATE WEDGE SHOULDER, TYPE B

STATION	TO	STATION	LENGTH	WIDTH	TONS
LT 26+45		LT 444+75.59	41,837.21'	4.00'	1,959.3
RT 26+45		RT 444+75.59	41,837.21'	4.00'	1,959.3
DEDUCTION FOR 19 PE's & CE's			228.00'	4.00'	(10.7)
ADDITION FOR 12 SIDERoads			540.00'	3.00'	19.0
DEDUCTION FOR STABILIZED SHOULDERS			575.00'	4.00'	(26.9)

**TOTAL = 3,900 TONS**

### 70300100 SHORT TERM PAVEMENT MARKING

STATION	TO	STATION	LENGTH	FOOT
26+45		444-75.59	41,837.21'	12,552

ASSUME: 4 FOOT IN 40 FOOT OR 10%  
ASSUME: 3 APPLICATIONS

### 70301000 WORK ZONE PAVEMENT MARKING REMOVAL

STATION	TO	STATION	LENGTH	SQ FT
26+45		444-75.59	4,184.00	1,395

### 78001110 PAINT PAVEMENT MARKING - LINE 4"

STATION	TO	STATION	LOCATION	TYPE	WHITE	YELLOW
26+50		444+75.59	CENTERLINE	SKIP/DASH		10,460
LT 26+45		LT 444+75.59	EDGE LINE	SOLID	41,838	
RT 26+45		RT 444+75.59	EDGE LINE	SOLID	41,837	
118+00		154+00	CENTERLINE	NO-PASS		7,200
313+00		328+00	CENTERLINE	NO-PASS		3,000
439+00		444+75.59	CENTERLINE	NO-PASS		1,151
DEDUCTION FOR 11 SIDERoads @ 105'			EDGE LINE	SOLID	(1,155)	
DEDUCTION FOR VERMILION ROAD			EDGE LINE	SOLID	(132)	

**INDIVIDUAL TOTALS = 82,388 WHITE FOOT 21,811 YELLOW FOOT**

**TOTAL QUANTITY = 104,199 FOOT**

### 78100100 RAISED REFLECTIVE PAVEMENT MARKERS

STATION	TO	STATION	LOCATION	TYPE	EACH
27+50		444+00.59	CENTERLINE	BI-DIRECT AMBER	522

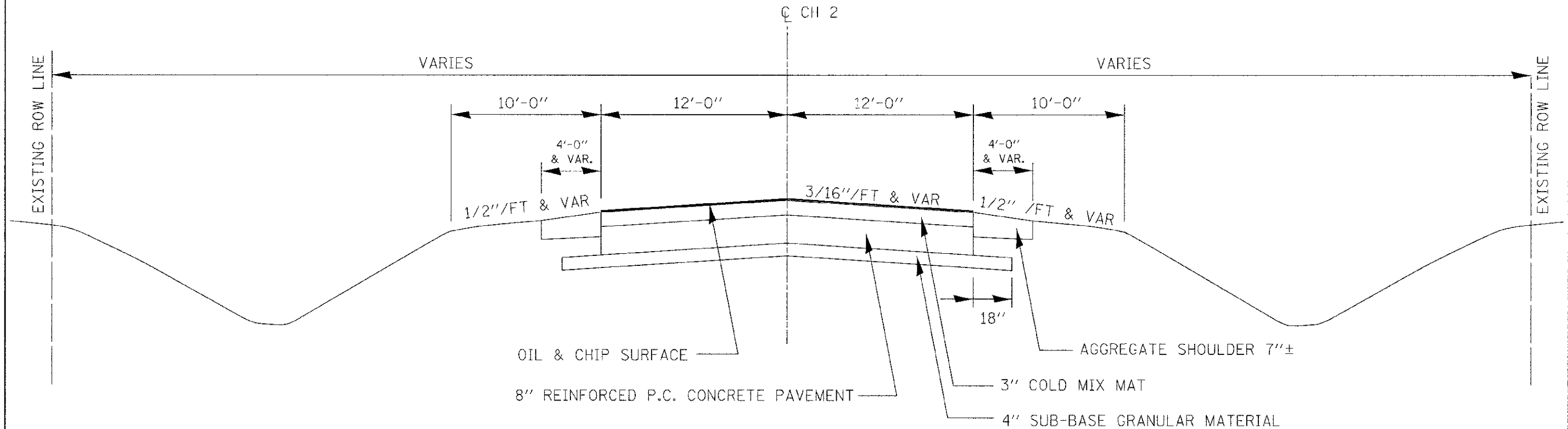


**EDGAR COUNTY  
HIGHWAY DEPARTMENT**

# EXISTING TYPICAL CROSS SECTIONS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	10-00103-02-RS	EDGAR	41	4
ILLINOIS FED. AID PROJECT				

**CONTRACT NO. 91471**



STATION EQUATIONS WITHIN THE LIMITS OF THIS TYPICAL

38+85.15 (BACK)	=	38+85.28 (AHEAD)
84+96.67 (BACK)	=	84+96.17 (AHEAD)
187+95.37 (BACK)	=	187+94.26 (AHEAD)
240+25.40 (BACK)	=	240+23.95 (AHEAD)
292+75.17 (BACK)	=	292+74.50 (AHEAD)
410+46.51 (BACK)	=	410+46.61 (AHEAD)

(BEGIN SECTION) STATION 26+90 TO STATION 38+85.15 (BACK) =  
 STATION 38+85.28 (AHEAD) TO STATION 84+96.67 (BACK)  
 STATION 84+96.17 (AHEAD) TO STATION 117+75.69  
 STATION 131+19.86 TO STATION 132+65.46  
 STATION 155+04.37 TO STATION 170+10  
 STATION 172+90 TO STATION 187+95.37 (BACK) =  
 STATION 187+94.26 (AHEAD) TO STATION 240+25.40 (BACK) =  
 STATION 240+23.95 (AHEAD) TO STATION 292+75.17 (BACK) =  
 STATION 292+74.50 (AHEAD) TO STATION 312+33.50  
 STATION 329+08.31 TO STATION 349+50  
 STATION 352+40 TO STATION 358+00.32  
 STATION 365+95.32 TO STATION 366+88.37  
 STATION 374+67.44 TO STATION 410+46.51 (BACK) =  
 STATION 410+46.61 (AHEAD) TO STATION 438+65.45

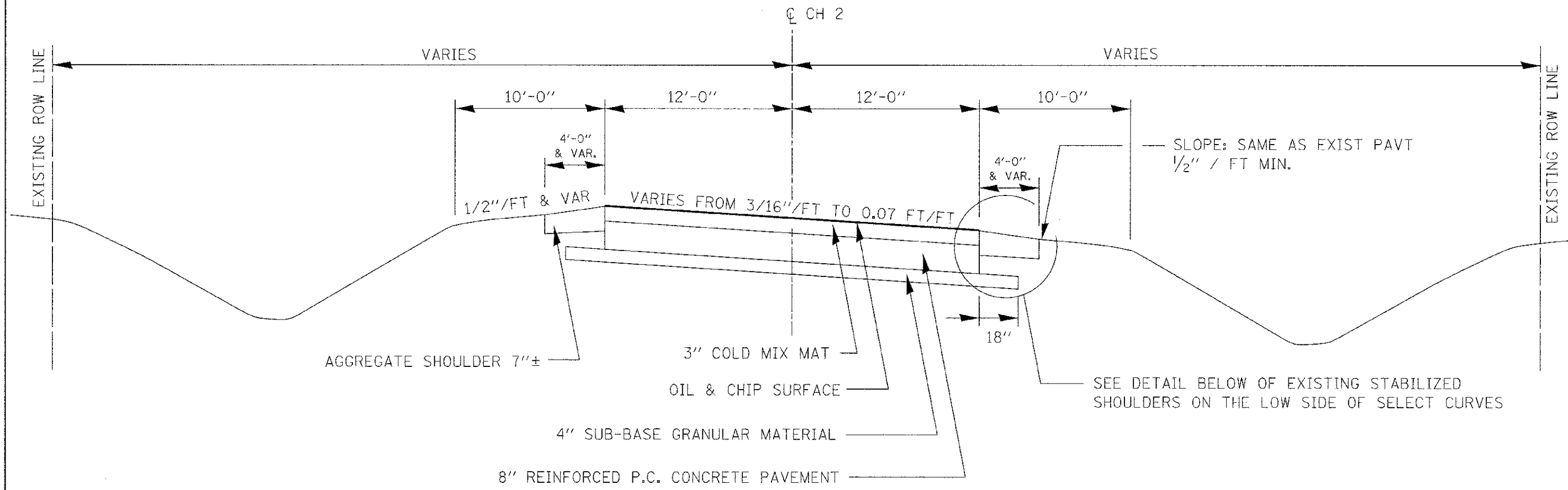


**EDGAR COUNTY  
HIGHWAY DEPARTMENT**

# EXISTING TYPICAL CROSS SECTIONS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	10-00103-02-RS	EDGAR	41	5
		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 91471



STATION EQUATIONS WITHIN THE LIMITS OF THIS TYPICAL

119+37.54 (BACK)	=	119+35.69 (AHEAD)
134+25.77 (BACK)	=	134+25.45 (AHEAD)
313+73.84 (BACK)	=	313+73.50 (AHEAD)
359+29.61 (BACK)	=	359+30.32 (AHEAD)
368+19.70 (BACK)	=	368+18.77 (AHEAD)
440+05.84 (BACK)	=	440+05.45 (AHEAD)

STATION 117+75.69 TO STATION 119+37.54 (BACK) =

STATION 119+35.69 (AHEAD) TO STATION 131+19.86

STATION 132+65.46 TO STATION 134+25.77 (BACK) =

STATION 134+25.45 (AHEAD) TO STATION 155+04.37

STATION 312+33.50 TO STATION 313+73.84 (BACK) =

STATION 313+73.50 (AHEAD) TO STATION 329+08.31

STATION 358+00.32 TO STATION 359+26.61 (BACK) =

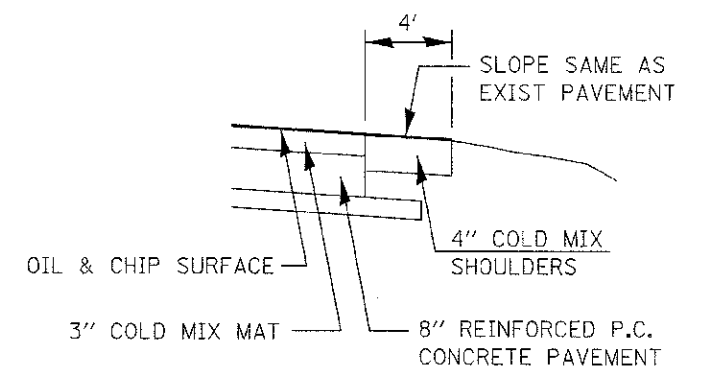
STATION 359+30.32 (AHEAD) TO STATION 365+95.32

STATION 366+88.37 TO STATION 368+19.70 (BACK) =

STATION 368+18.77 (AHEAD) TO STATION 374+67.44

STATION 438+65.45 TO STATION 440+05.84 (BACK) =

STATION 440+05.45 (AHEAD) TO STATION 444+00.59 (END SECTION)



STABILIZED SHOULDERS ON LOW SIDE OF CURVES  
 LT STATION 118+65 TO LT STATION 131+85  
 RT STATION 132+15 TO RT STATION 153+97

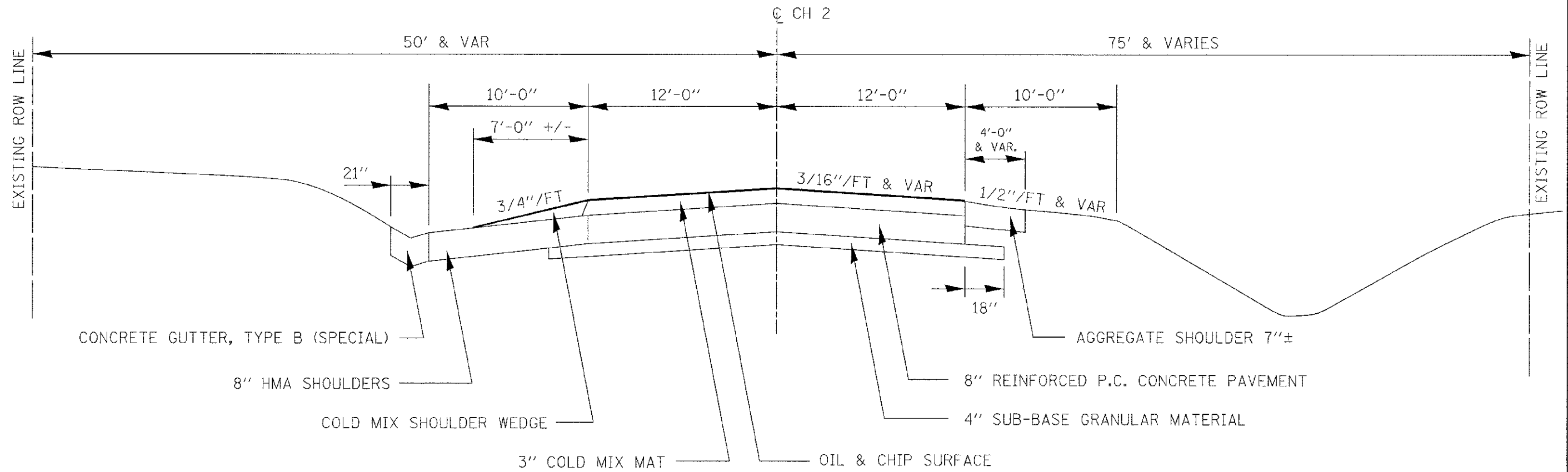


EDGAR COUNTY  
HIGHWAY DEPARTMENT

# EXISTING TYPICAL CROSS SECTIONS

ROUTE	SECTION	COJNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	10-00103-02-RS	EDGAR	41	6
ILLINOIS FED. AID PROJECT				

**CONTRACT NO. 91471**



STATION 170+10 TO STATION 172+90  
 STATION 349+50 TO STATION 352+40

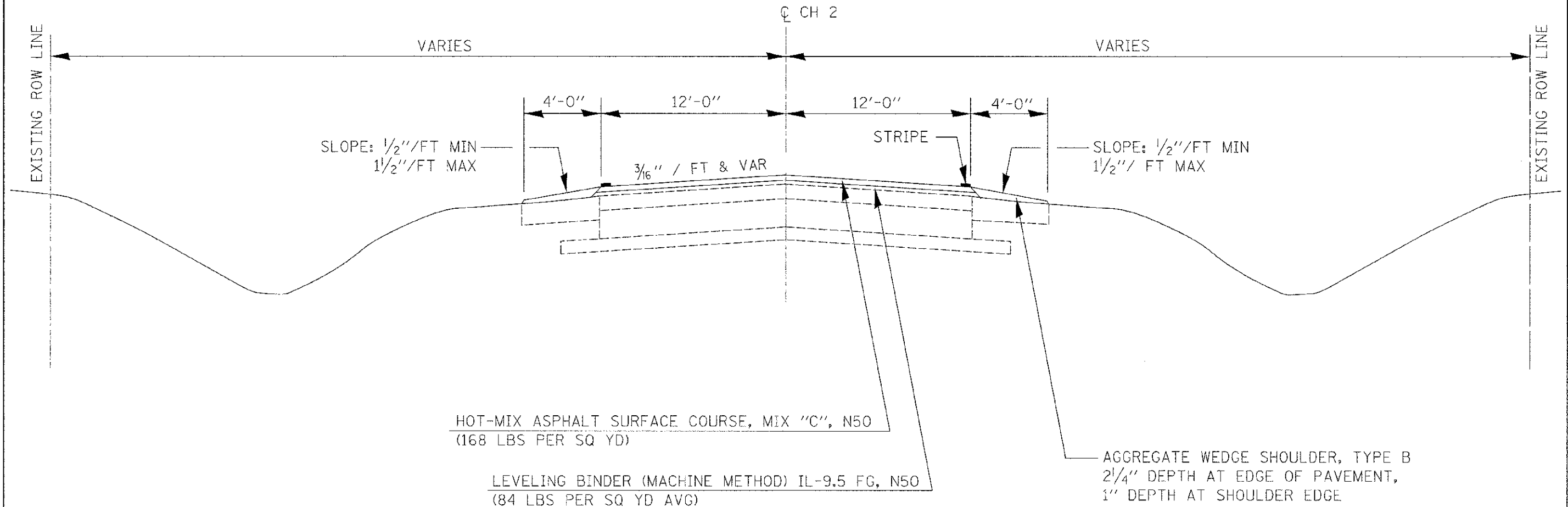


**EDGAR COUNTY  
 HIGHWAY DEPARTMENT**

# PROPOSED TYPICAL CROSS SECTIONS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	10-C0103-02-RS	EDGAR	41	7
ILLINOIS FED. AID PROJECT				

CONTRACT NO. 91471



STATION EQUATIONS WITHIN THE LIMITS OF THIS TYPICAL

38+85.15 (BACK)	=	38+85.28 (AHEAD)
84+96.67 (BACK)	=	84+96.17 (AHEAD)
187+95.37 (BACK)	=	187+94.26 (AHEAD)
240+25.40 (BACK)	=	240+23.95 (AHEAD)
292+75.17 (BACK)	=	292+74.50 (AHEAD)
410+46.51 (BACK)	=	410+46.61 (AHEAD)

(BEGIN SECTION) STATION 26+90 TO STATION 38+85.15 (BACK) =  
 STATION 38+85.28 (AHEAD) TO STATION 84+96.67 (BACK) =  
 STATION 84+96.17 (AHEAD) TO STATION 117+75.69  
 STATION 131+19.86 TO STATION 132+65.46  
 STATION 155+04.37 TO STATION 170+10  
 STATION 172+90 TO STATION 187+95.37 (BACK) =  
 STATION 187+94.26 (AHEAD) TO STATION 240+25.40 (BACK) =  
 STATION 240+23.95 (AHEAD) TO STATION 292+75.17 (BACK) =  
 STATION 292+74.50 (AHEAD) TO STATION 312+33.50  
 STATION 329+08.31 TO STATION 349+50  
 STATION 352+40 TO STATION 358+00.32  
 STATION 365+95.32 TO STATION 366+88.37  
 STATION 374+67.44 TO STATION 410+46.51 (BACK) =  
 STATION 410+46.61 (AHEAD) TO STATION 438+65.45

NOTE: IT IS INTENDED THAT THE LEVELING BINDER BE CONSTRUCTED WITH A DEPTH OF 3/4" AT THE CENTERLINE AND EDGE OF PAVEMENT. THIS MAY VARY AS DIRECTED BY THE ENGINEER TO CORRECT PAVEMENT X-SLOPE.

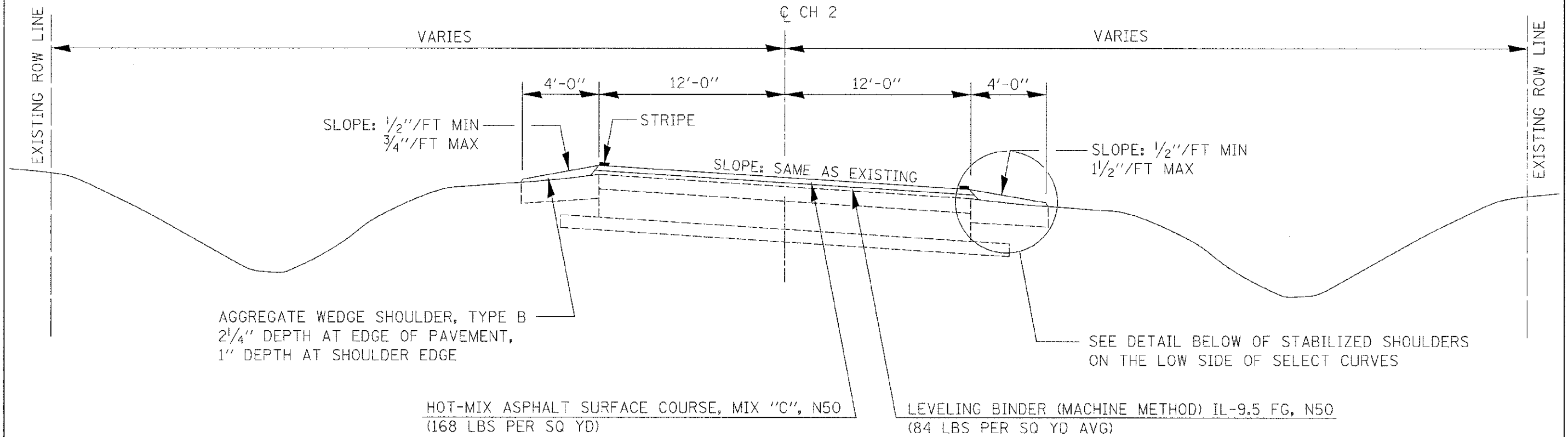


EDGAR COUNTY  
HIGHWAY DEPARTMENT

# PROPOSED TYPICAL CROSS SECTIONS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	10-00103-02-RS	EDGAR	41	8
ILLINOIS FED. AID PROJECT				

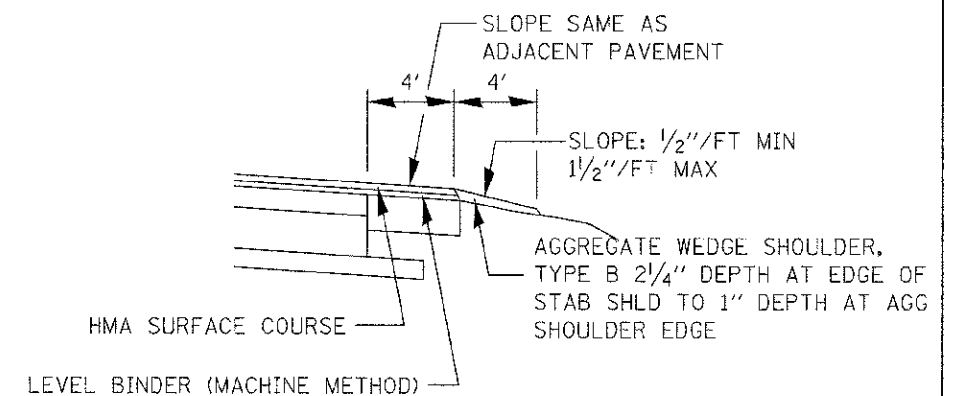
CONTRACT NO. 91471



STATION EQUATIONS WITHIN THE LIMITS OF THIS TYPICAL

119+37.54 (BACK)	=	119+35.69 (AHEAD)
134+25.77 (BACK)	=	134+25.45 (AHEAD)
313+73.84 (BACK)	=	313+73.50 (AHEAD)
359+29.61 (BACK)	=	359+30.32 (AHEAD)
368+19.70 (BACK)	=	368+18.77 (AHEAD)
440+05.84 (BACK)	=	440+05.45 (AHEAD)

STATION 117+75.69 TO STATION 119+37.54 (BACK) =  
 STATION 119+35.69 (AHEAD) TO STATION 131+19.86  
 STATION 132+65.46 TO STATION 134+25.77 (BACK) =  
 STATION 134+25.45 (AHEAD) TO STATION 155+04.37  
 STATION 312+33.50 TO STATION 313+73.84 (BACK) =  
 STATION 313+73.50 (AHEAD) TO STATION 329+08.31  
 STATION 358+00.32 TO STATION 359+26.61 (BACK) =  
 STATION 359+30.32 (AHEAD) TO STATION 365+95.32  
 STATION 366+88.37 TO STATION 368+19.70 (BACK) =  
 STATION 368+18.77 (AHEAD) TO STATION 374+67.44  
 STATION 438+65.45 TO STATION 440+05.84 (BACK) =  
 STATION 440+05.45 (AHEAD) TO STATION 444+00.59 (END SECTION)



STABILIZED SHOULDERS ON LOW SIDE OF CURVES  
 LT STATION 118+65 TO LT STATION 131+85  
 RT STATION 132+15 TO RT STATION 153+97



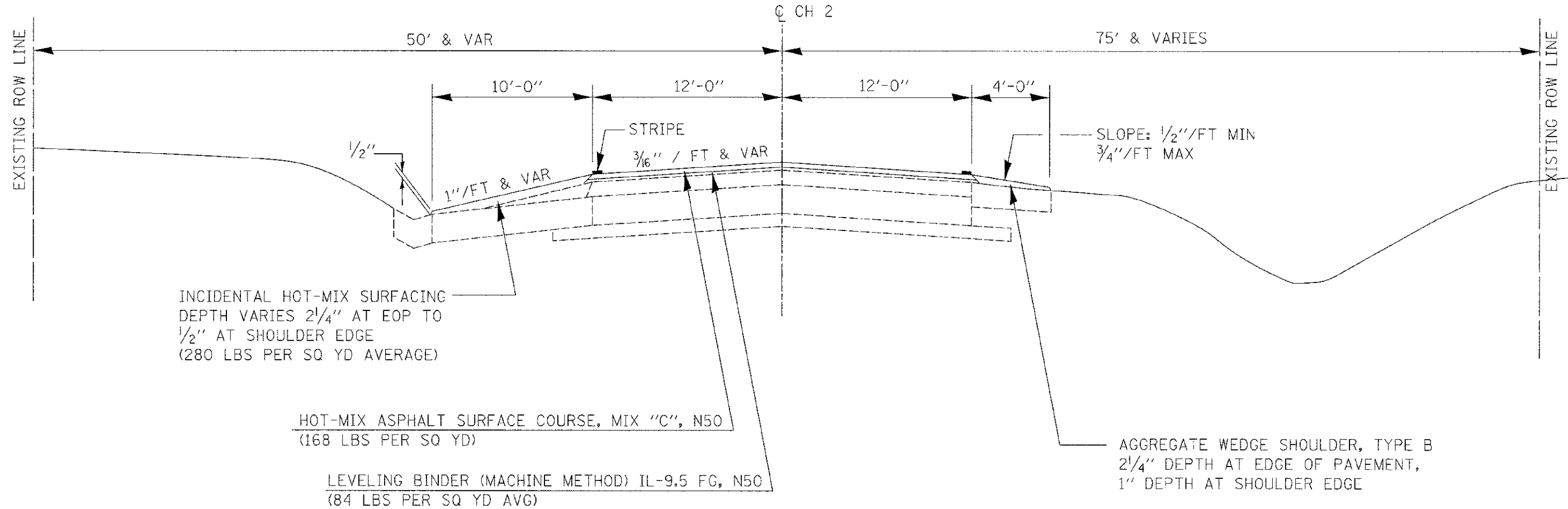
EDGAR COUNTY  
HIGHWAY DEPARTMENT



# PROPOSED TYPICAL CROSS SECTIONS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	10-00103-02-RS	EDGAR	41	9
ILLINOIS FED. AID PROJECT				

CONTRACT NO. 91471



STATION 170+10 TO STATION 172+90  
STATION 349+50 TO STATION 352+40

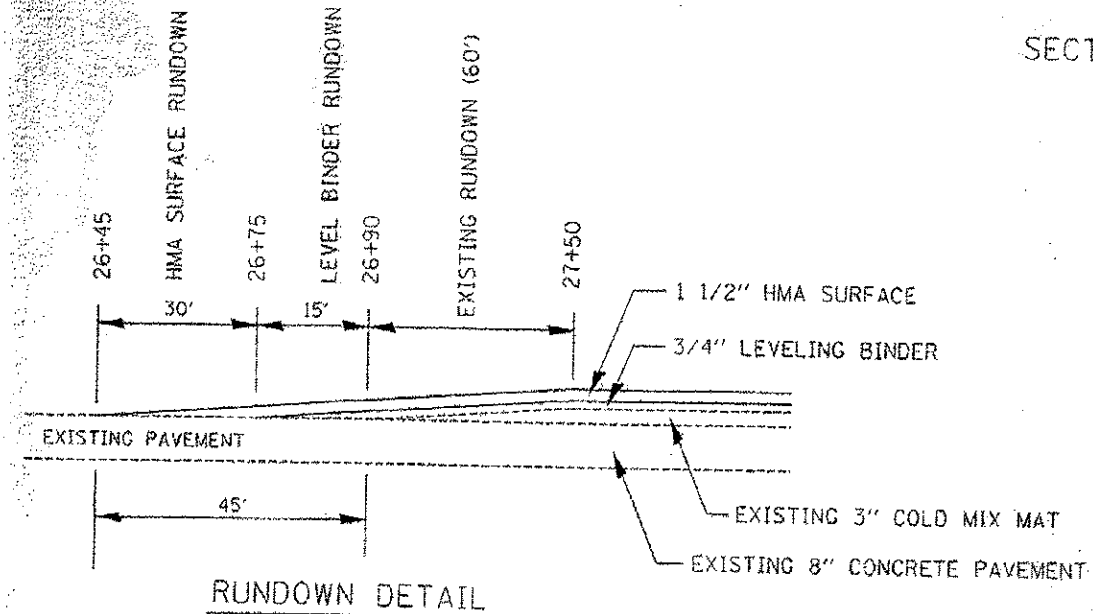
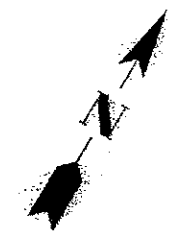


EDGAR COUNTY  
HIGHWAY DEPARTMENT

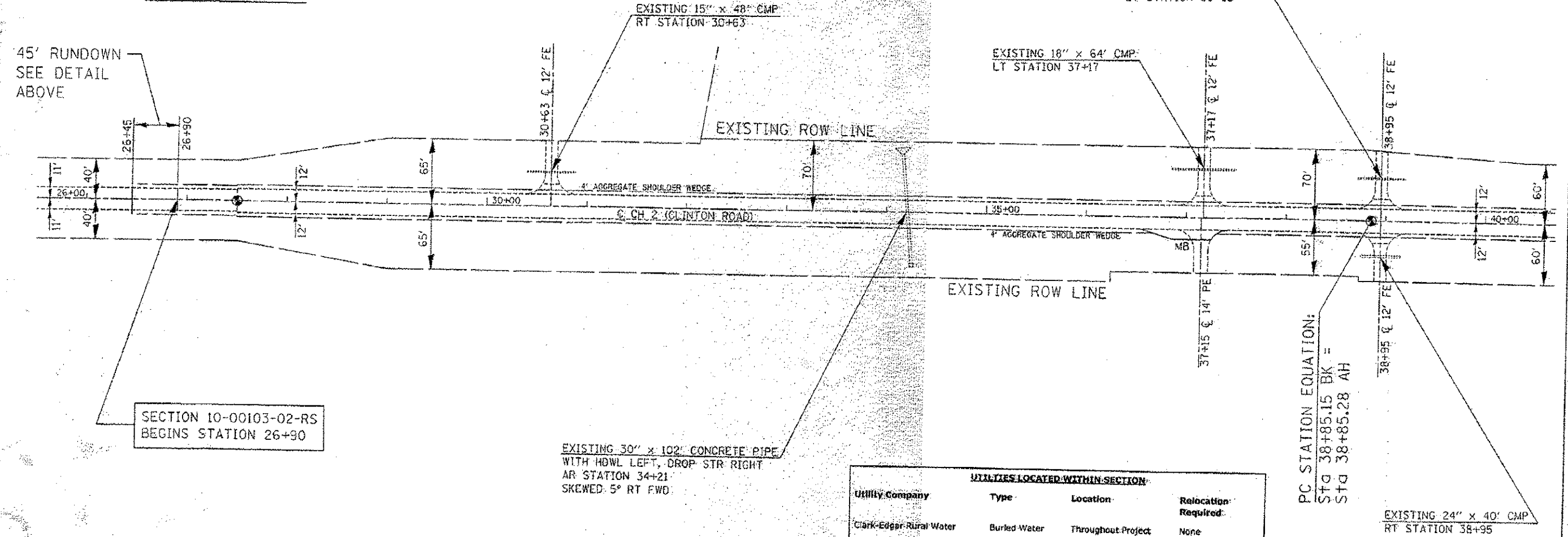
SECTION 29, T. 14 N., R. 11 W., 2nd P.M.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CM-2)	10-00103-02-RS	EDGAR	41	10
EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		

CONTRACT NO. 91471



RUNDOWN DETAIL



EXISTING 30" x 102' CONCRETE PIPE WITH HOWL LEFT, DROP STR. RIGHT AR STATION 34+21 SKEWED 5° RT FWD.

PC STATION EQUATION:  
 STG 38+85.15 BK =  
 STG 38+85.28 AH

UTILITIES LOCATED WITHIN SECTION			
Utility Company	Type	Location	Relocation Required
Clark-Edgar Rural Water	Buried Water	Throughout Project	None
Enerstar Power Corp.	Aerial Electric	Throughout Project	None
Frontier Communications	Aerial Telephone	Throughout Project	None
Midwestern Gas Trans.	Buried Gas Main	Station 228+10	None

SCALE: 1"=50'

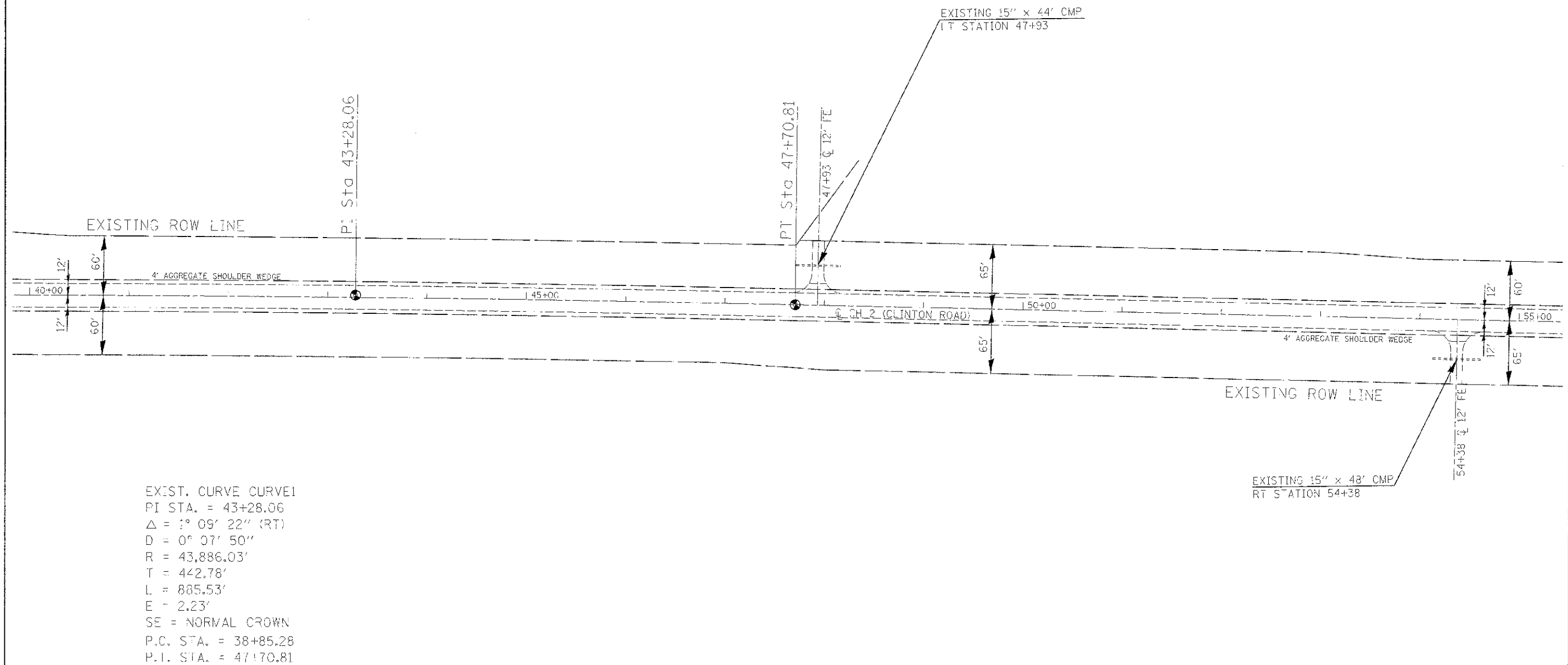
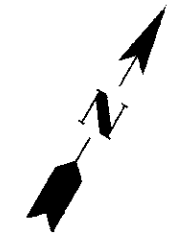


SECTION 29, T. 14 N., R. 11 W., 2nd P.M.

SECTION 29, T. 14 N., R. 11 W., 2nd P.M.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	10-00103-02-RS	EDGAR	41	11
EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		

CONTRACT NO. 91471



EXIST. CURVE CURVE1  
 PI STA. = 43+28.06  
 $\Delta = 1^{\circ} 09' 22''$  (RT)  
 $D = 0^{\circ} 07' 50''$   
 $R = 43,886.03'$   
 $T = 442.78'$   
 $L = 885.53'$   
 $E = 2.23'$   
 SE = NORMAL CROWN  
 P.C. STA. = 38+85.28  
 P.T. STA. = 47+70.81

SCALE: 1"=50'



**EDGAR COUNTY  
 HIGHWAY DEPARTMENT**

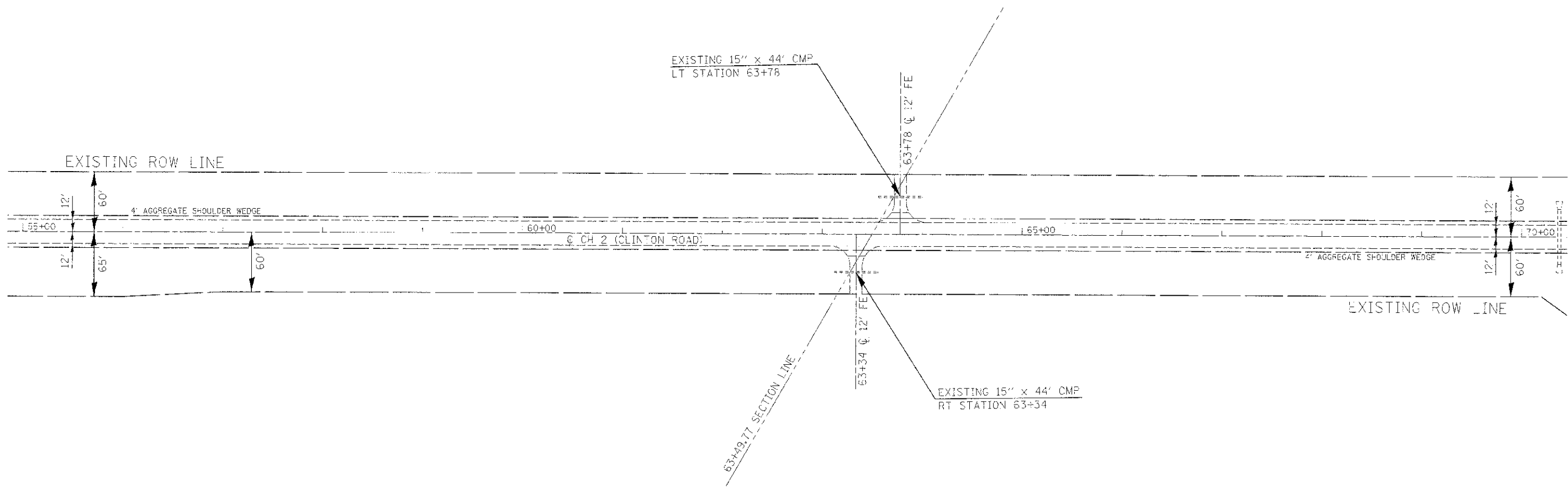
SECTION 29, T. 14 N., R. 11 W., 2nd P.M.

SECTION 29, T. 14 N., R. 11 W., 2nd P.M.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	10-00'03-02-RS	EDGAR	41	12
EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		

CONTRACT NO. 91471

SECTION 28, T. 14 N., R. 11 W., 2nd P.M.



SECTION 29, T. 14 N., R. 11 W., 2nd P.M.

SCALE: 1"=50'



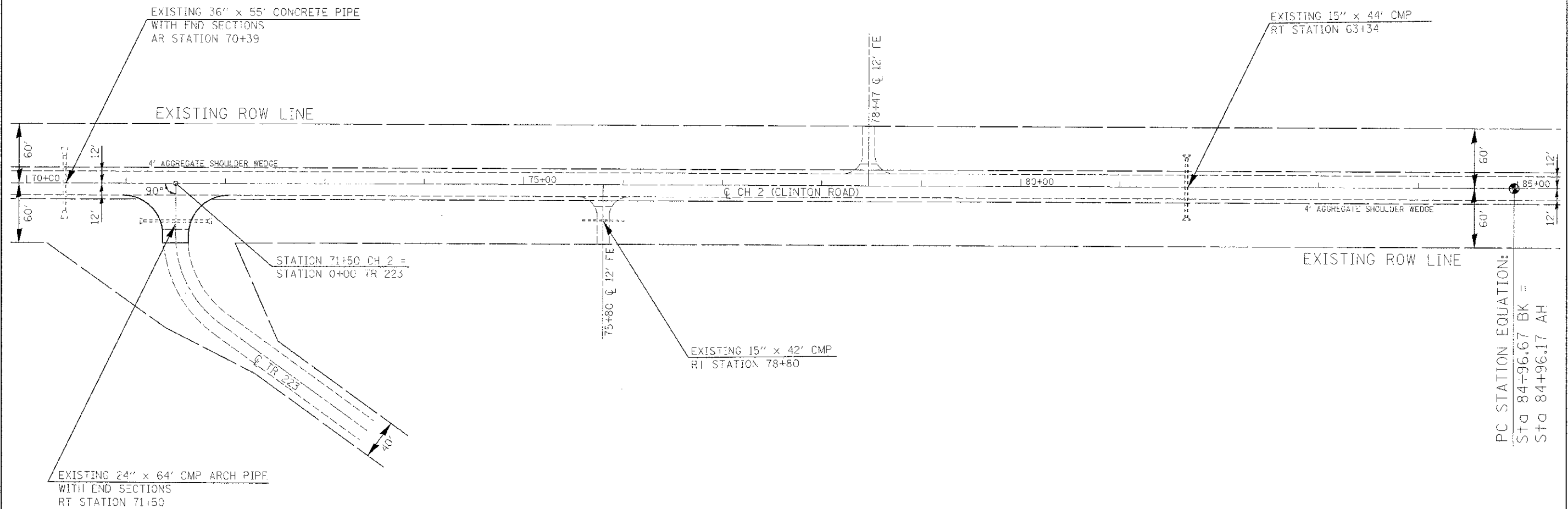
**EDGAR COUNTY  
HIGHWAY DEPARTMENT**

SECTION 28, T. 14 N., R. 11 W., 2nd P.M.

SECTION 28, T. 14 N., R. 11 W., 2nd P.M.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	10-00103-02-R5	EDGAR	41	13
EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		

CONTRACT NO. 91471

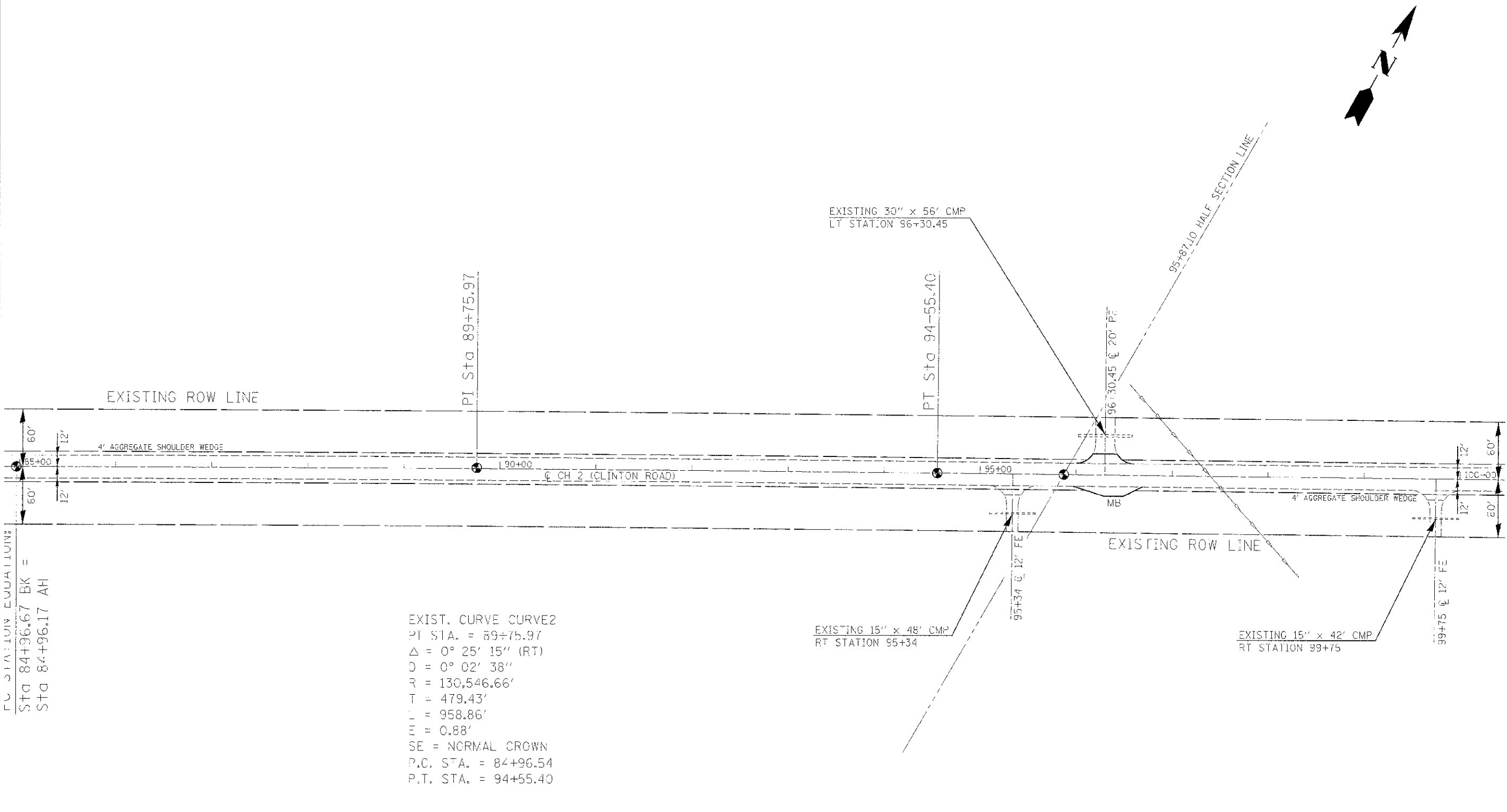


PC STATION EQUATION:  
 Sta 84+96.67 BK =  
 Sta 84+96.17 AH

SECTION 28, T. 14 N., R. 11 W., 2nd P.M.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	10-00103-02-RS	EDGAR	41	14
EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		

CONTRACT NO. 91471



LC STATION EQUATION:  
 STA 84+96.67 BK =  
 STA 84+96.17 AH

EXIST. CURVE CURVE2  
 PT STA. = 89+75.97  
 $\Delta = 0^\circ 25' 15''$  (RT)  
 $D = 0^\circ 02' 38''$   
 $R = 130,546.66'$   
 $T = 479.43'$   
 $L = 958.86'$   
 $E = 0.88'$   
 SE = NORMAL CROWN  
 P.C. STA. = 84+96.54  
 P.T. STA. = 94+55.40

SCALE: 1"=50'



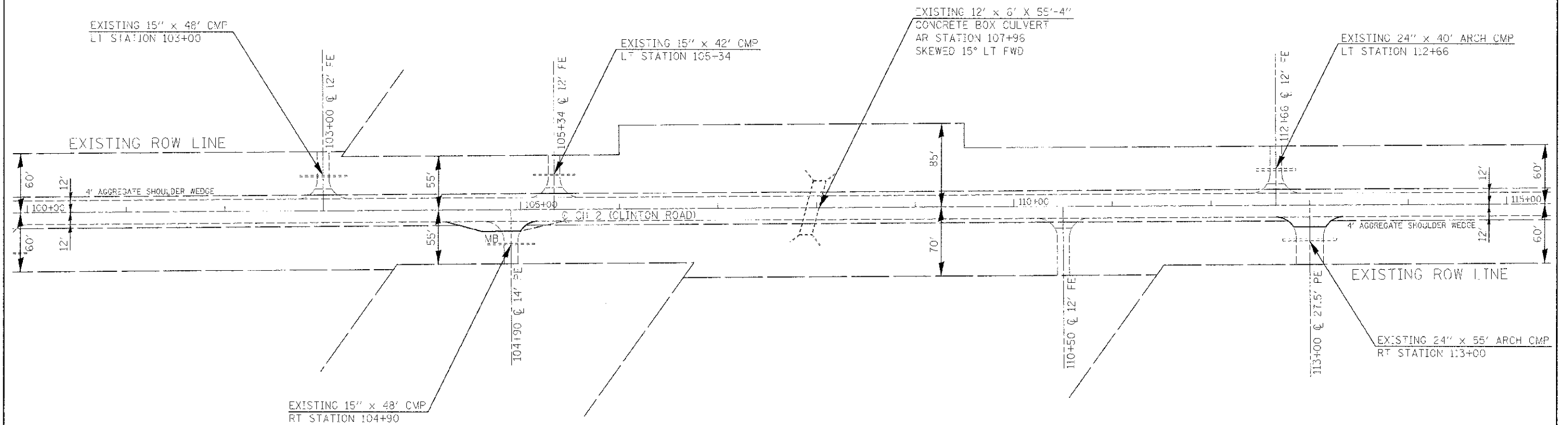
SECTION 28, T. 14 N., R. 11 W., 2nd P.M.



SECTION 28, T. 14 N., R. 11 W., 2nd P.M.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	10-00103-02-RS	EDGAR	41	15
EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		

CONTRACT NO. 91471



SCALE: 1"=50'



**EDGAR COUNTY  
HIGHWAY DEPARTMENT**

SECTION 28, T. 14 N., R. 11 W., 2nd P.M.

SECTION 28, T. 14 N., R. 11 W., 2nd P.M.

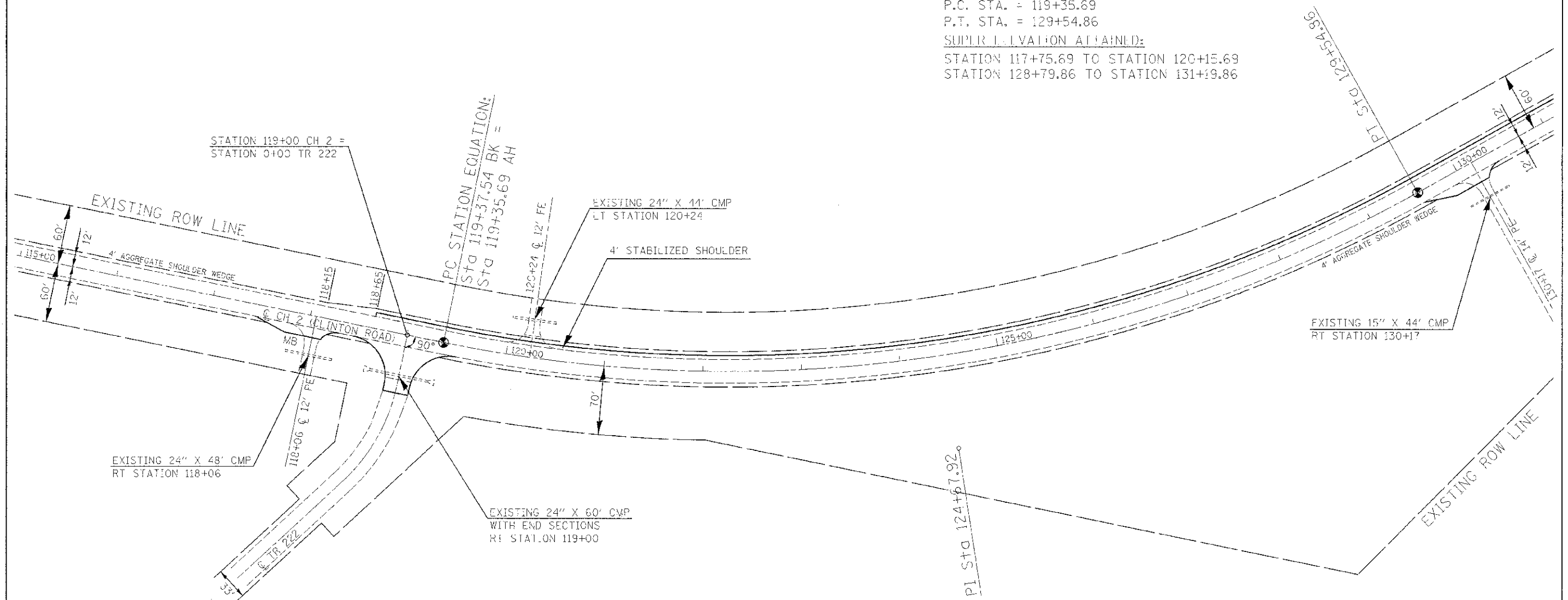
SECTION 22, T. 14 N., R. 11 W., 2nd P.M.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745 684 (CH 2)	10-00103-02-R5	EDGAR	4	16
EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		

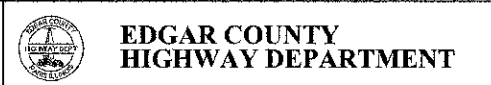
CONTRACT NO. 91471

EXIST. CURVE CURVE3  
 PI STA. = 124+67.92  
 $\Delta = 40^\circ 46' 00''$  (11)  
 $D = 4^\circ 00' 00''$   
 $R = 1,432.40'$   
 $T = 532.23'$   
 $L = 1,019.17'$   
 $E = 95.68'$   
 $SE = 0.08$  FT/FT  
 P.C. STA. = 119+35.69  
 P.T. STA. = 129+54.86

SUPPLY ELEVATION ATTAINED:  
 STATION 117+75.69 TO STATION 120+15.69  
 STATION 128+79.86 TO STATION 131+19.86



SCALE: 1"=50'



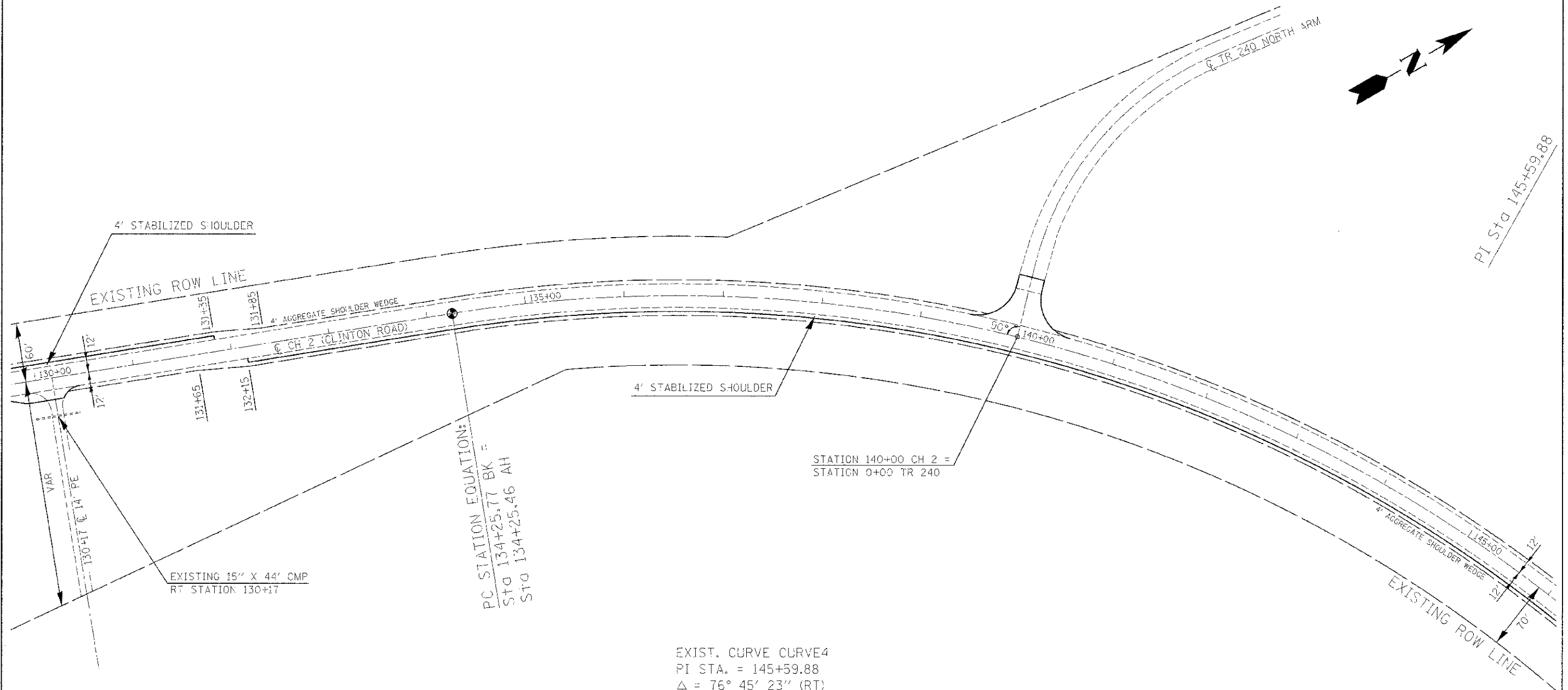
SECTION 22, T. 14 N., R. 11 W., 2nd P.M.



SECTION 22, T. 14 N., R. 11 W., 2nd P.M.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	10-00103-02-RS	EDGAR	41	17
EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		

CONTRACT NO. 91471



PC STATION EQUATION:  
 STG 134+25.77 BK =  
 STG 134+25.46 AH

STATION 140+00 CH 2 =  
 STATION 0+00 TR 240

EXIST. CURVE CURVE4  
 PI STA. = 145+59.88  
 $\Delta = 76^\circ 45' 23''$  (RT)  
 D = 4° 00' 00"  
 R = 1,432.40'  
 T = 1,134.42'  
 L = 1,918.92'  
 E = 394.80'  
 SE = 0.08 FT/FT  
 P.C. STA. = 134+25.46  
 P.T. STA. = 153+44.38  
SUPER ELEVATION ATTAINED:  
 STATION 132+65.46 TO STATION 135+05.46  
 STATION 152+64.37 TO STATION 155+04.37

SCALE: 1"=50'

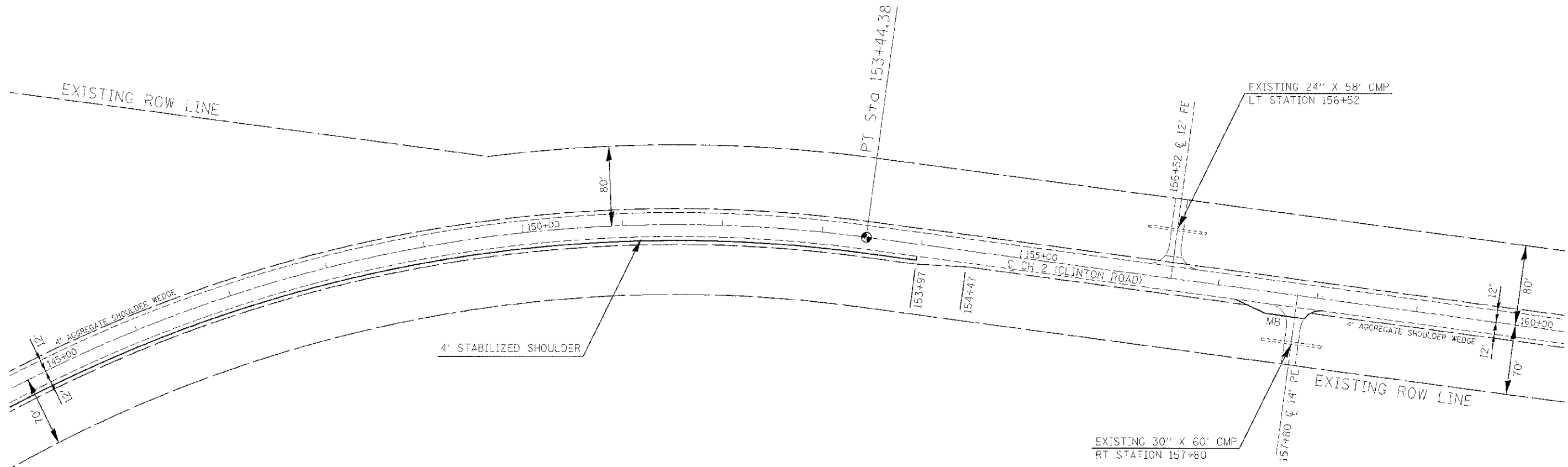


SECTION 22, T. 14 N., R. 11 W., 2nd P.M.

SECTION 22, T. 14 N., R. 11 W., 2nd P.M.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	10-09103-02-RS	EDGAR	41	18
EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		

CONTRACT NO. 91471



EXIST. CURVE CURVE4  
 PI STA. = 145+59.88  
 $\Delta = 76^\circ 45' 23''$  (RT)  
 $D = 4^\circ 00' 00''$   
 $R = 1,432.40'$   
 $T = 1,134.42'$   
 $L = 1,918.92'$   
 $E = 394.80'$   
 $SE = 0.08$  FT/FT  
 P.C. STA. = 134+25.46  
 P.T. STA. = 153+44.38  
SUPER ELEVATION ATTAINED:  
 STATION 132+65.46 TO STATION 135+05.46  
 STATION 152+64.37 TO STATION 155+04.37

EXIST. CURVE CURVE4  
 PI STA. = 145+59.88  
 $\Delta = 76^\circ 45' 23''$  (RT)  
 $D = 4^\circ 00' 00''$   
 $R = 1,432.40'$   
 $T = 1,134.42'$   
 $L = 1,918.92'$   
 $E = 394.80'$   
 $\theta = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 P.C. STA. = 134+25.46  
 P.T. STA. = 153+44.38

SCALE: 1"=50'

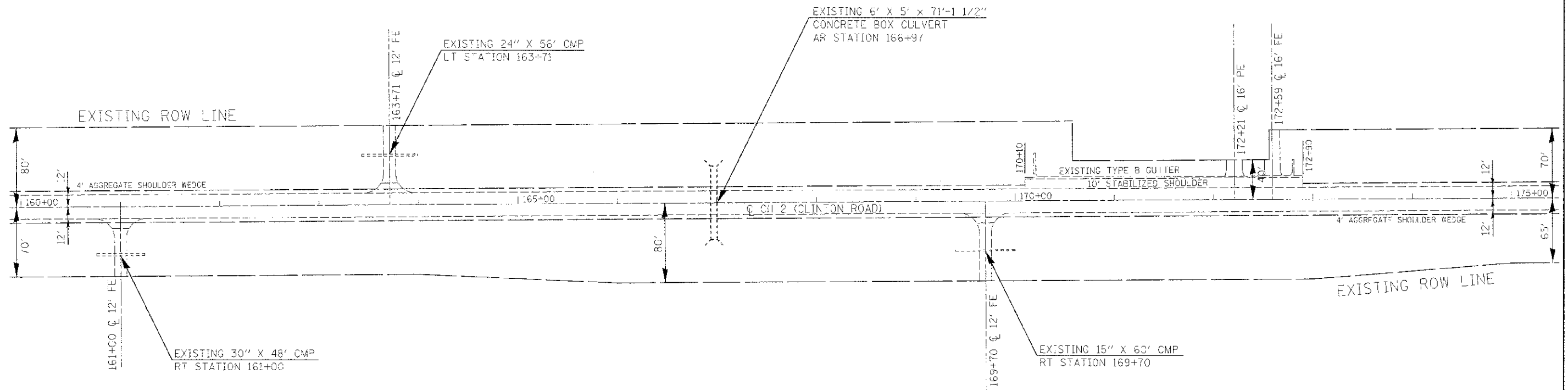


SECTION 22, T. 14 N., R. 11 W., 2nd P.M.

SECTION 22, T. 14 N., R. 11 W., 2nd P.M.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	10-00103-02-RS	EDGAR	41	19

EDGAR COUNTY, ILLINOIS (FED. AID PROJECT) CONTRACT NO. 91471



SCALE: 1"=50'



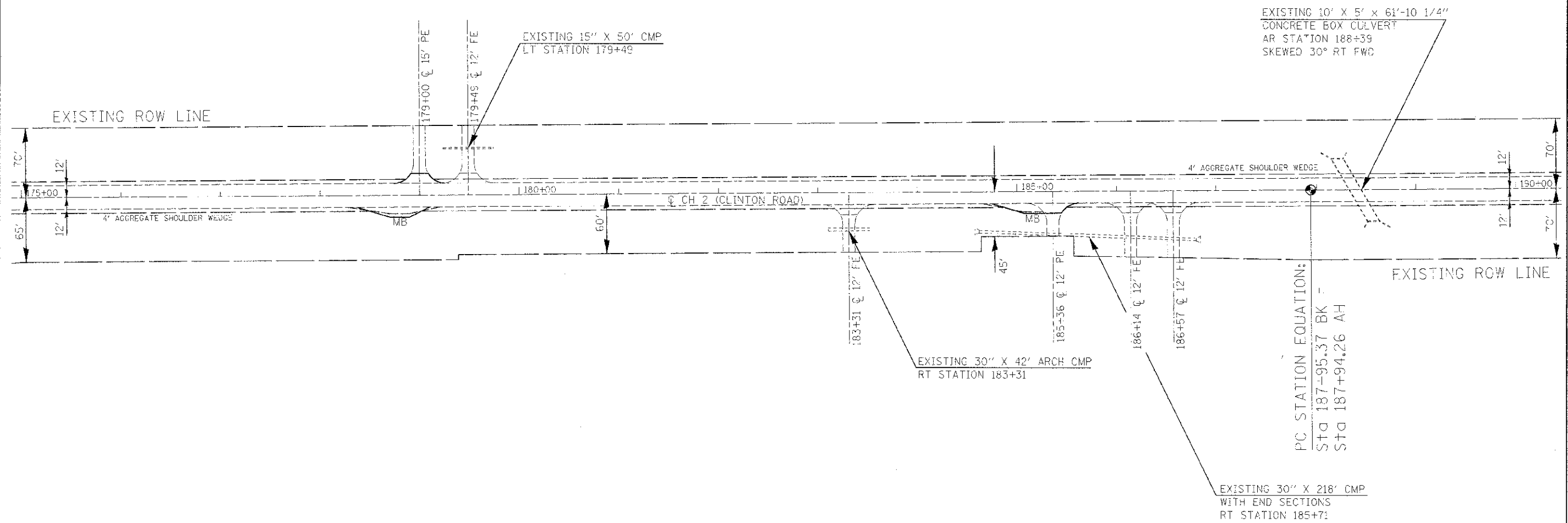
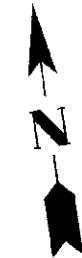
**EDGAR COUNTY  
HIGHWAY DEPARTMENT**

SECTION 22, T. 14 N., R. 11 W., 2nd P.M.

SECTION 22, T. 14 N., R. 11 W., 2nd P.M.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	10-00103-02-RS	EDGAR	41	20

EDGAR COUNTY, ILLINOIS  
 FED. AID PROJECT  
 CONTRACT NO. 91471



SCALE: 1"=50'



**EDGAR COUNTY  
 HIGHWAY DEPARTMENT**

SECTION 22, T. 14 N., R. 11 W., 2nd P.M.

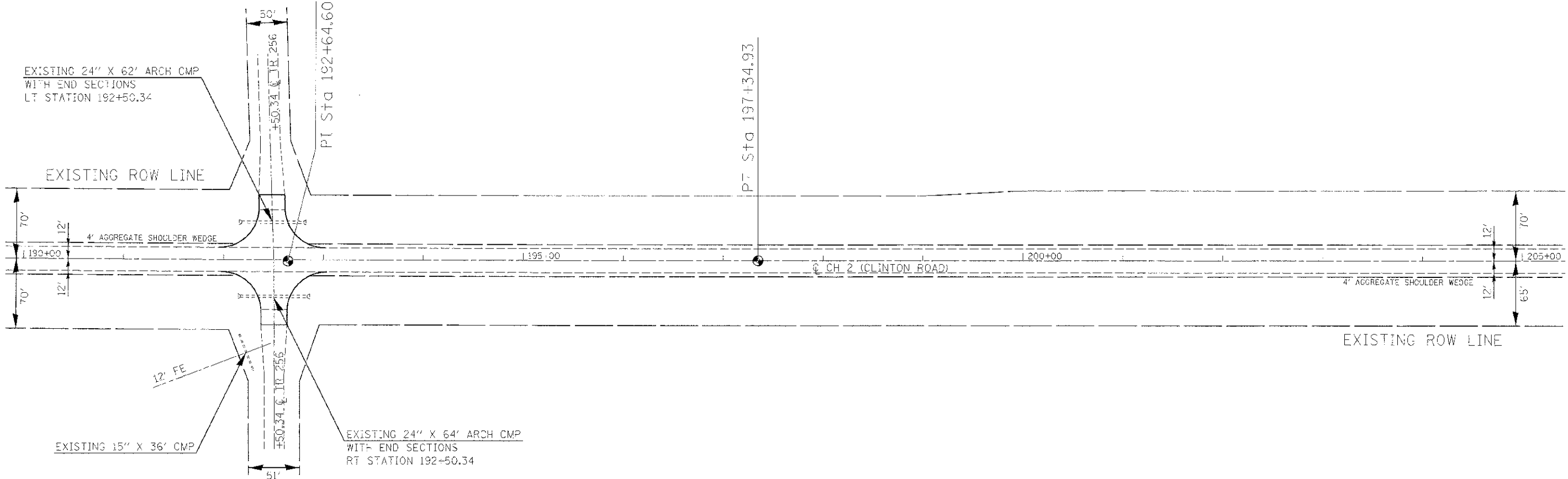
SECTION 23, T. 14 N., R. 11 W., 2nd P.M.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	10-00:03-02-R5	EDGAR	41	21
EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		

CONTRACT NO. 91471



EXIST. CURVE CURVES  
 PI STA. = 192+64.60  
 $\Delta = 0^\circ 37' 00''$  (LT)  
 $D = 0^\circ 03' 56''$   
 $R = 87,399.63'$   
 $T = 470.34'$   
 $L = 940.67'$   
 $E = 1.27'$   
 SE = NORMAL CROWN  
 P.C. STA. = 187+94.26  
 P.T. STA. = 197+34.93



SCALE: 1"=50'



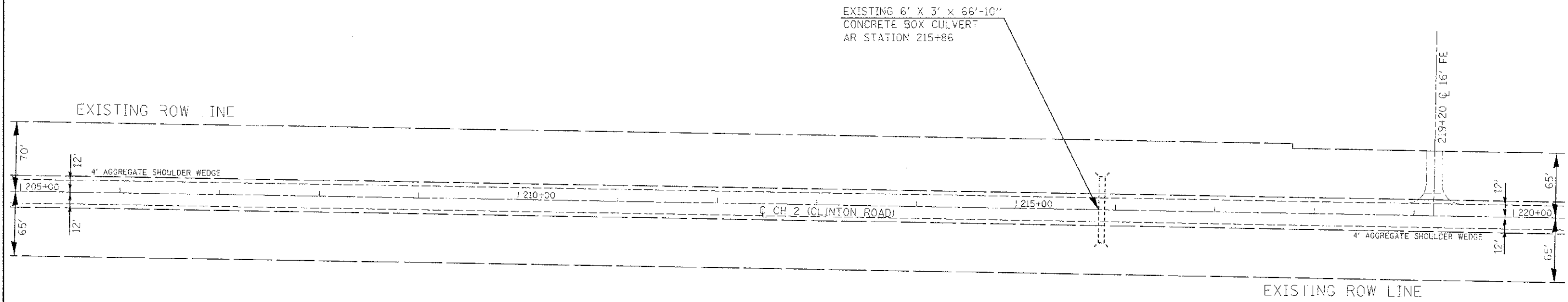
**EDGAR COUNTY  
 HIGHWAY DEPARTMENT**

SECTION 23, T. 14 N., R. 11 W., 2nd P.M.

SECTION 23, T. 14 N., R. 11 W., 2nd P.M.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	10-00103-02-RS	EDGAR	41	22
EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		

CONTRACT NO. 91471



SCALE: 1"=50'



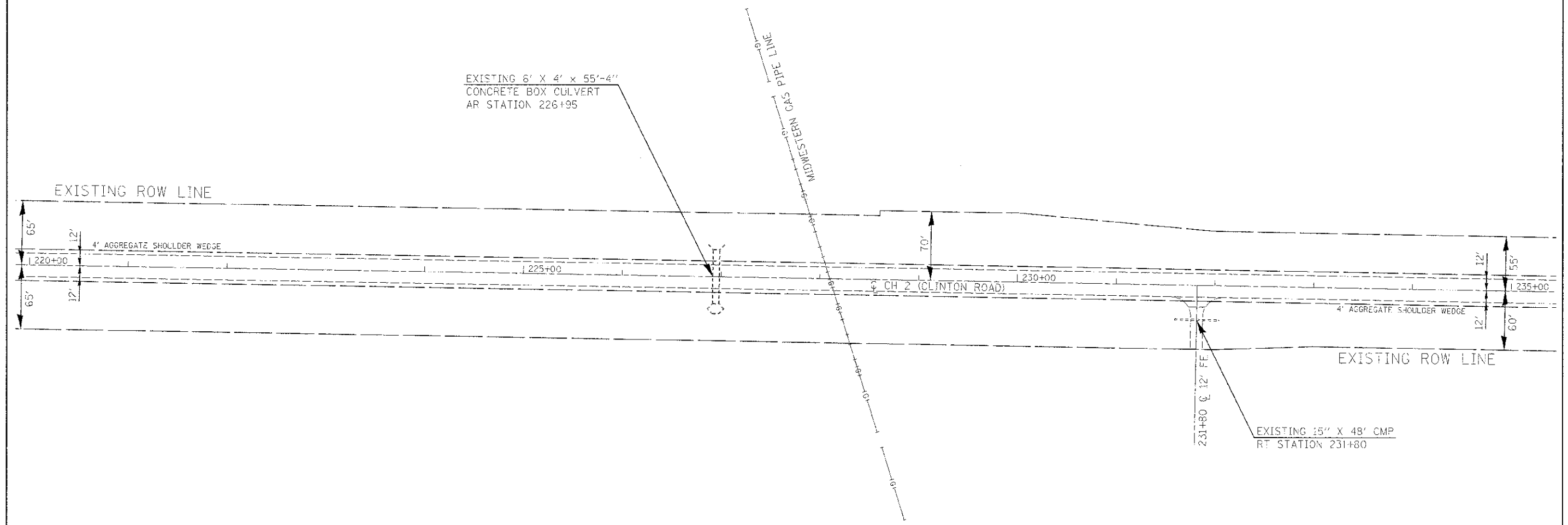
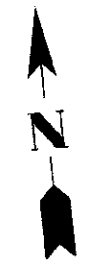
**EDGAR COUNTY  
HIGHWAY DEPARTMENT**

SECTION 23, T. 14 N., R. 11 W., 2nd P.M.

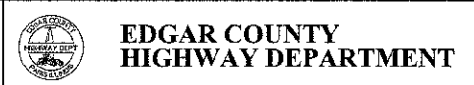
SECTION 23, T. 14 N., R. 11 W., 2nd P.M.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	10-00103-02-R5	EDGAR	41	23
EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		

CONTRACT NO. 91471



SCALE: 1"=50'



SECTION 23, T. 14 N., R. 11 W., 2nd P.M.

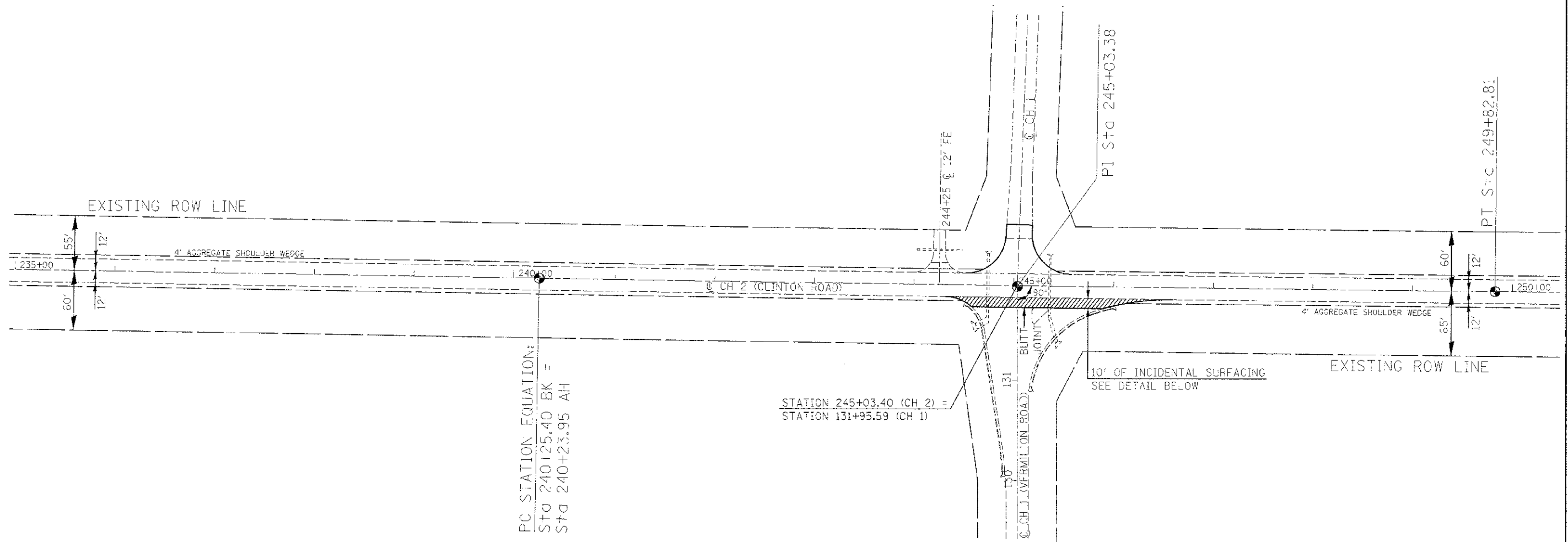
SECTION 23, T. 14 N., R. 11 W., 2nd P.M.

EXIST. CURVE CURVE6  
 PI STA. = 245+03.38  
 $\Delta = 0^\circ 25' 15''$  (I.I.)  
 $D = 0^\circ 02' 38''$   
 $R = 130,546.66'$   
 $T = 479.43'$   
 $L = 958.86'$   
 $E = 0.88'$   
 SE = NORMAL CROWN  
 P.C. STA. = 240+23.95  
 P.T. STA. = 249+82.81

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	10-00103-02-RS	EDGAR	41	24
EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		

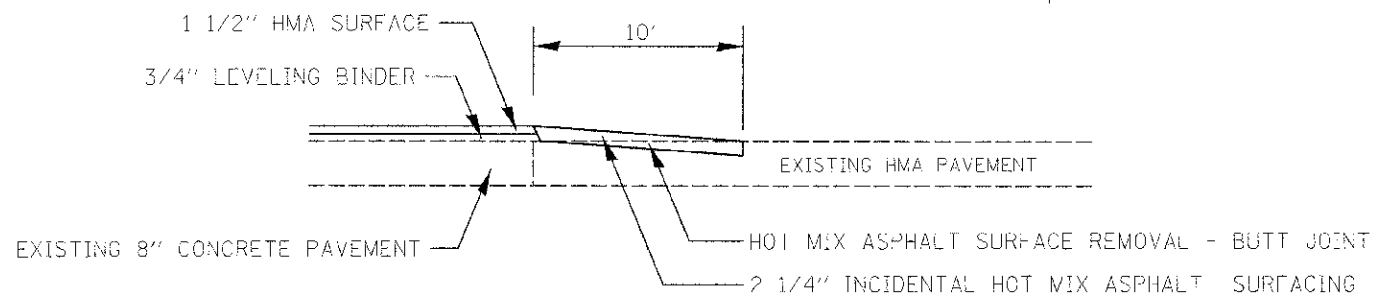
CONTRACT NO. 91471

SECTION 24, T. 14 N., R. 11 W., 2nd P.M.



PC STATION EQUATION:  
 STA 240+23.95 BK =  
 STA 240+23.95 AH

STATION 245+03.40 (CH 2) =  
 STATION 131+95.59 (CH 1)



▨ HMA SURFACE REMOVAL - BUTT JOINT

SECTION 23, T. 14 N., R. 11 W., 2nd P.M.

BUTT JOINT DETAIL VERMILION ROAD SOUTH

SCALE: 1"=50'



**EDGAR COUNTY  
 HIGHWAY DEPARTMENT**

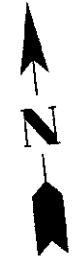
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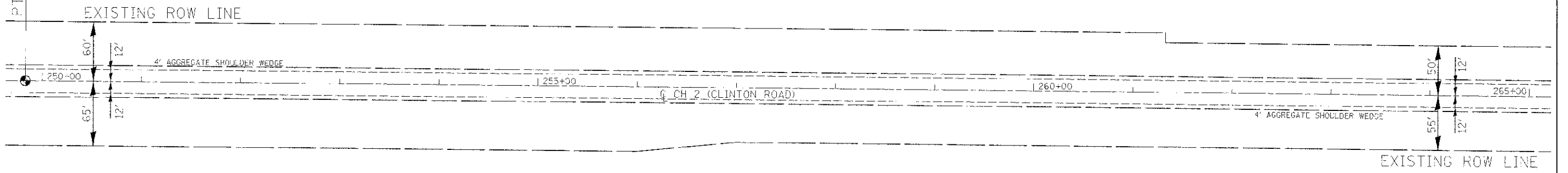
SECTION 24, T. 14 N., R. 11 W., 2nd P.M.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	10-C0103-021-RS	EDSAR	41	25
EDGAR COUNTY, ILLINOIS		FFO, AID PROJECT		

CONTRACT NO. 91471



PT SIG 249+82.81



SCALE: 1"=50'



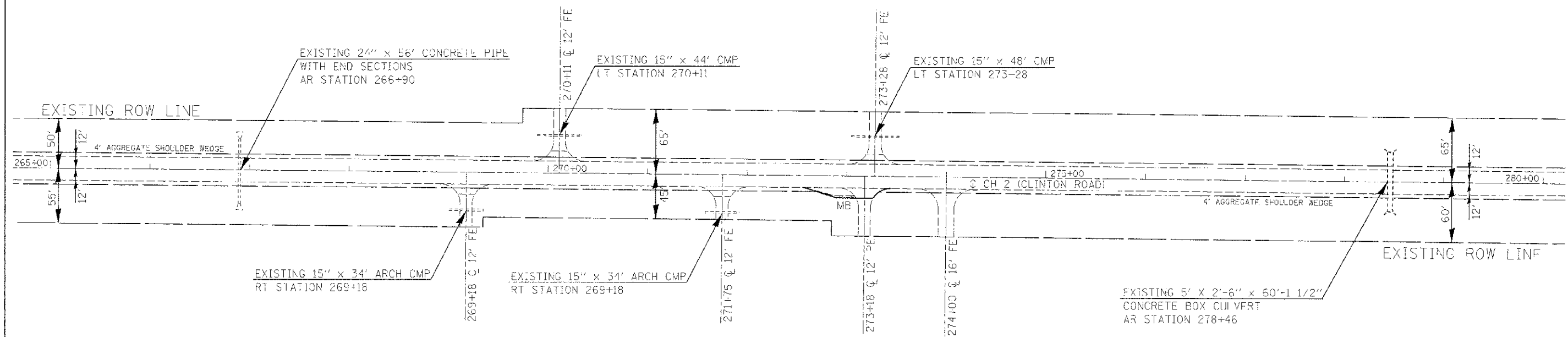
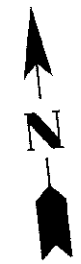
**EDGAR COUNTY  
HIGHWAY DEPARTMENT**

SECTION 24, T. 14 N., R. 11 W., 2nd P.M.

SECTION 24, T. 14 N., R. 11 W., 2nd P.M.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	10-00153-02-RS	EDGAR	41	26
EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		

CONTRACT NO. 91471



SCALE: 1"=50'



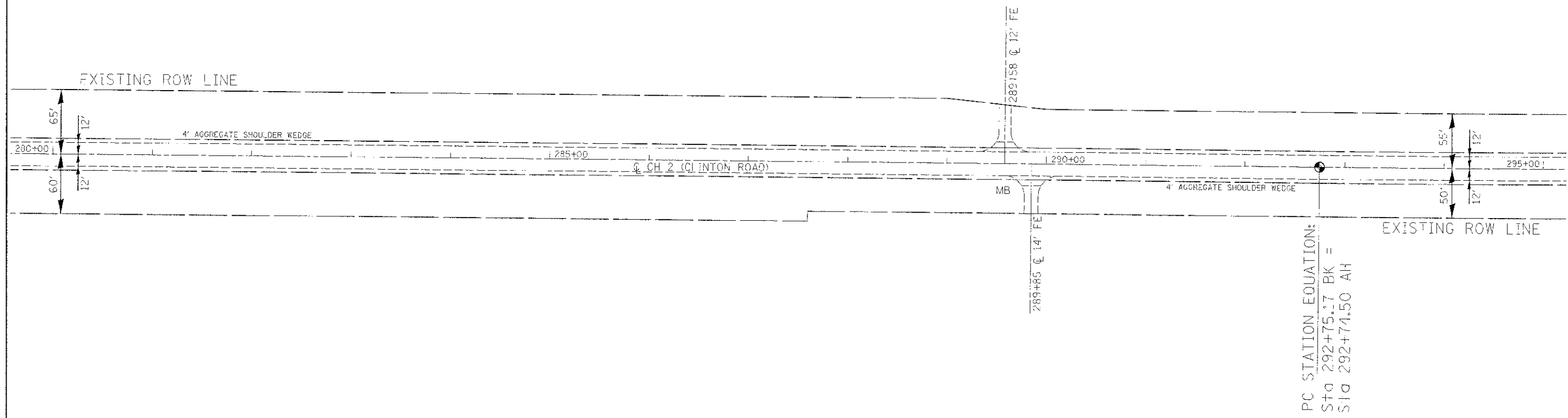
**EDGAR COUNTY  
HIGHWAY DEPARTMENT**

SECTION 24, T. 14 N., R. 11 W., 2nd P.M.

SECTION 24, T. 14 N., R. 11 W., 2nd P.M.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	10-00103-02-RS	EDGAR	41	27
EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		

CONTRACT NO. 91471



PC STATION EQUATION:  
 Sta 292+75.17 BK =  
 Sta 292+71.50 AH

SCALE: 1" = 50'



SECTION 24, T. 14 N., R. 11 W., 2nd P.M.

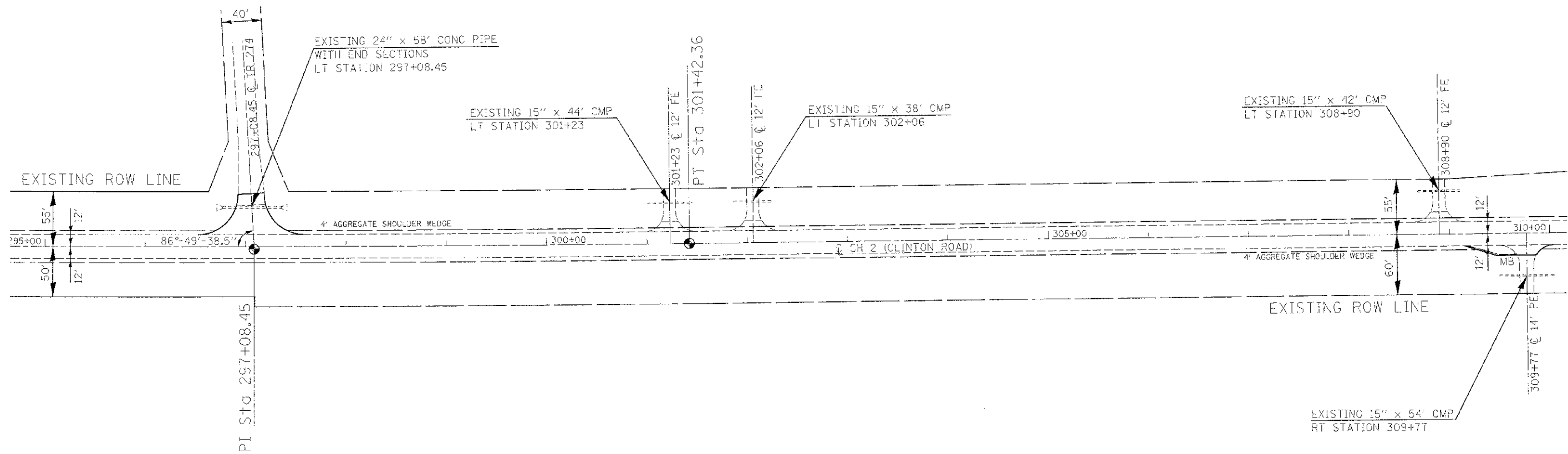
SECTION 24, T. 14 N.,  
R. 11 W., 2nd P.M.

EXIST. CURVE CURVE7  
 PI STA. = 297+08.45  
 $\Delta = 1^\circ 21' 00''$  (LT)  
 $D = 0^\circ 09' 20''$   
 $R = 36,833.12'$   
 $T = 433.95'$   
 $L = 867.86'$   
 $E = 2.56'$   
 SF = NORMAL CROWN  
 P.C. STA. = 292+74.50  
 P.T. STA. = 301+42.36

SECTION 19, T. 14 N., R. 10 W., 2nd P.M.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	1C-CC103-02-RS	EDGAR	41	28
EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		

CONTRACT NO. 91471



SECTION 24, T. 14 N.,  
R. 11 W., 2nd P.M.

SCALE: 1" = 50'



**EDGAR COUNTY  
HIGHWAY DEPARTMENT**

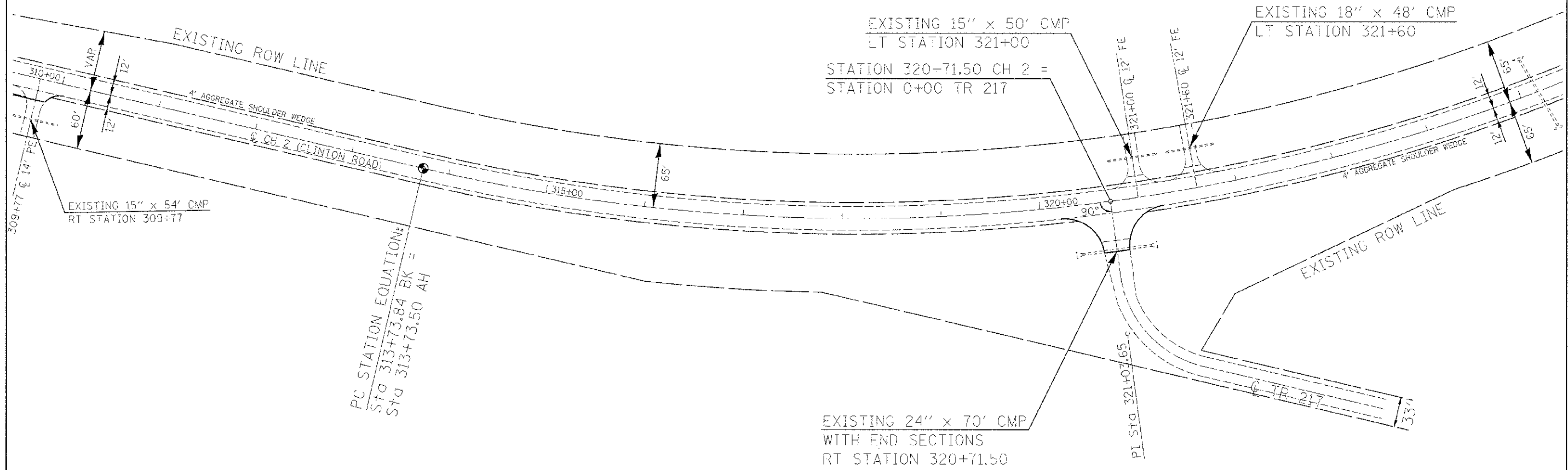
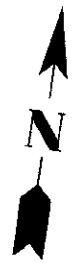
SECTION 19, T. 14 N., R. 10 W., 2nd P.M.

SECTION 19, T. 14 N., R. 10 W., 2nd P.M.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	10-00103-02-RS	EDGAR	41	29

EDGAR COUNTY, ILLINOIS  
FED. AID PROJECT  
CONTRACT NO. 91471

EXIST. CURVE CURVER  
 PI STA. = 321+03.65  
 $\Delta = 41^\circ 50' 40''$  (LT)  
 $D = 3^\circ 00' 00''$   
 $R = 1,909.85'$   
 $L = 750.15'$   
 $L = 1,394.81'$   
 $E = 134.81'$   
 EXIST SE = 0.07 FT/FT  
 P.C. STA. = 313+73.50  
 P.T. STA. = 327+68.31  
SUPER ELEVATION ATTAINED:  
 STATION 312+33.50 TO STATION 314+43.50  
 STATION 326+95.31 TO STATION 329+08.31

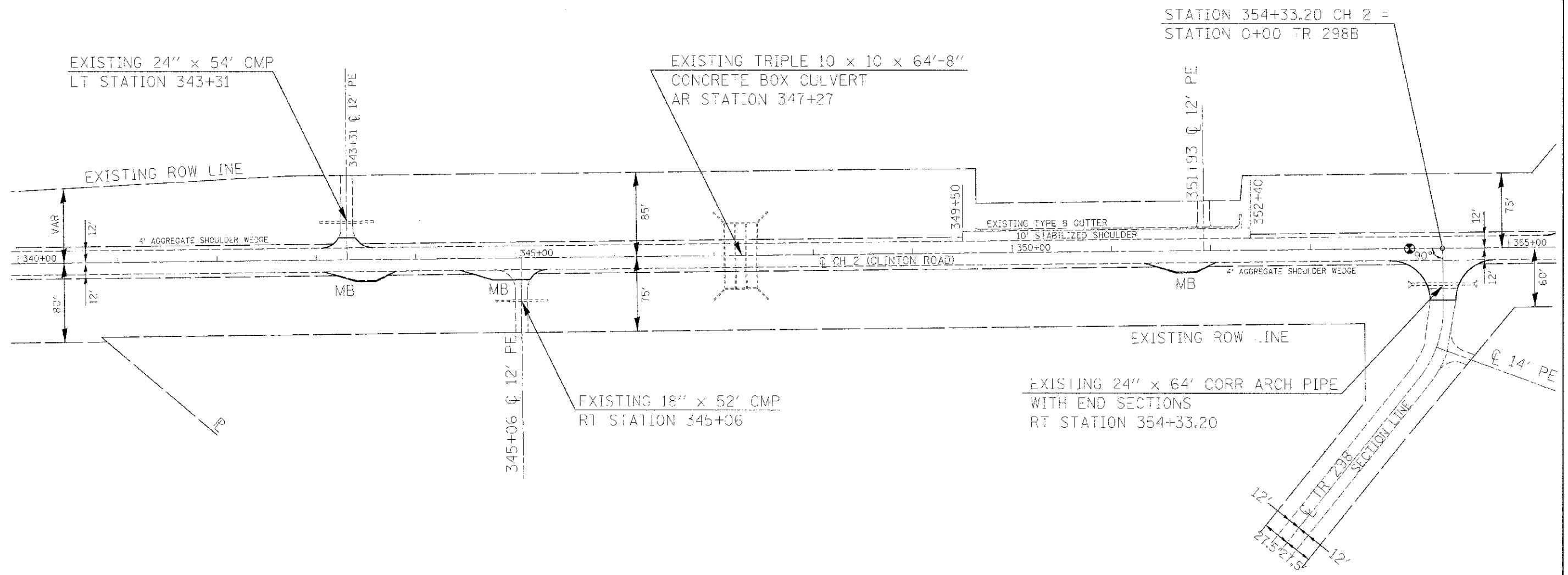
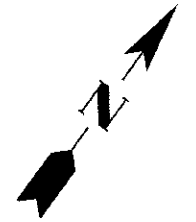




SECTION 19, T. 14 N., R. 10 W., 2nd P.M.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	10-03103-02-R5	EDGAR	41	31
EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		

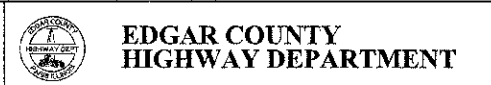
CONTRACT NO. 91471



SECTION 19, T. 14 N., R. 10 W., 2nd P.M.

SECTION 20, T. 14 N., R. 10 W., 2nd P.M.

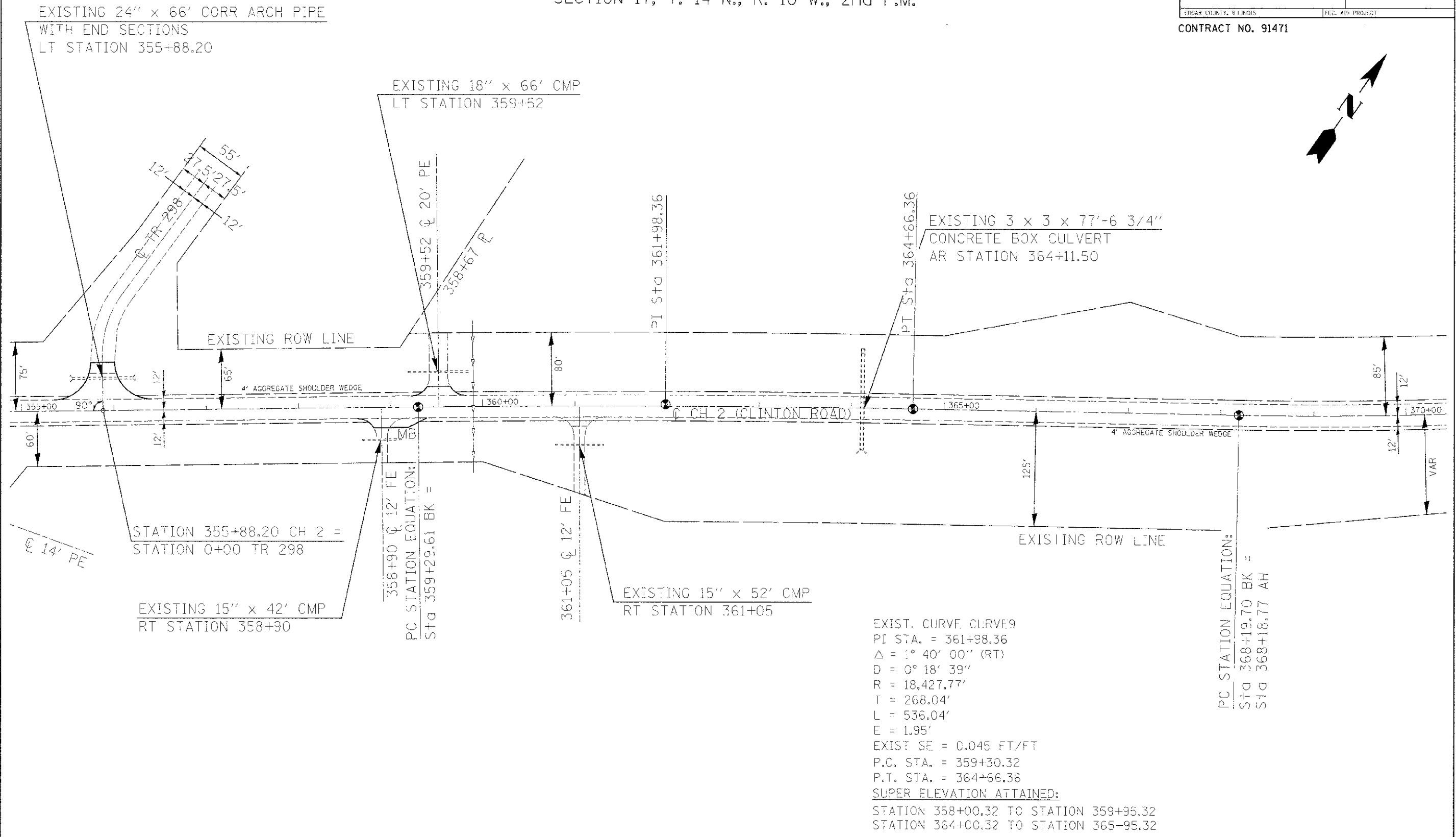
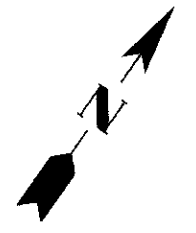
SCALE: 1" = 50'



SECTION 17, T. 14 N., R. 10 W., 2nd P.M.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	10-00103-02-R5	EDGAR	4	32
EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		

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EXIST. CURVE CURVE 9  
 PI STA. = 361+98.36  
 $\Delta = 1^\circ 40' 00''$  (RT)  
 $D = 0^\circ 18' 39''$   
 $R = 18,427.77'$   
 $T = 268.04'$   
 $L = 536.04'$   
 $E = 1.95'$   
 EXIST SE = 0.045 FT/FT  
 P.C. STA. = 359+30.32  
 P.T. STA. = 364+66.36  
SUPER ELEVATION ATTAINED:  
 STATION 358+00.32 TO STATION 359+95.32  
 STATION 364+00.32 TO STATION 365-95.32

SCALE: 1" = 50'



SECTION 17, T. 14 N., R. 10 W., 2nd P.M.



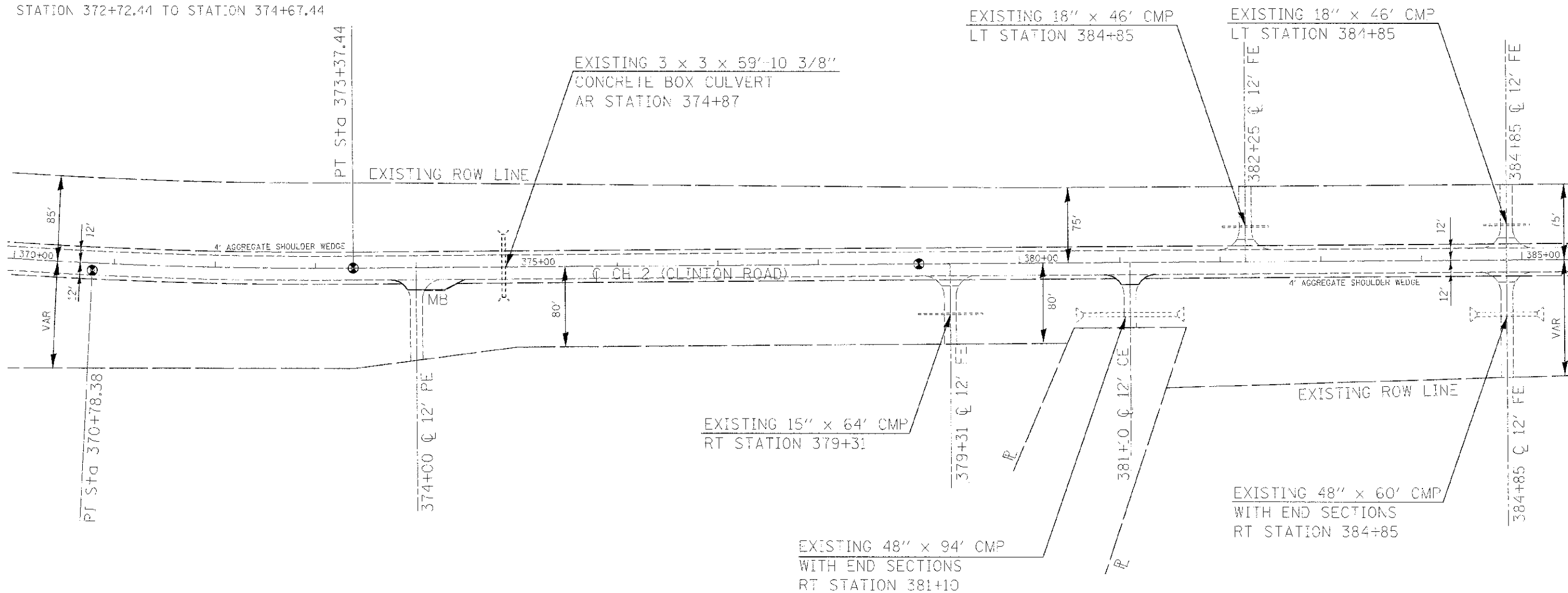
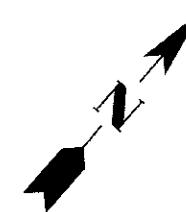
EXIST. CURVE CURVE10  
 PI STA. = 370+78.38  
 $\Delta = 6^\circ 29' 00''$  (LT)  
 $D = 1^\circ 15' 00''$   
 $R = 4,583.66'$   
 $T = 259.61'$   
 $L = 518.67'$   
 $E = 7.35'$   
 EXIST SE = 0.04 FT/FT  
 P.C. STA. = 368+18.77  
 P.T. STA. = 373+37.44

SUPER ELEVATION ATTAINED:  
 STATION 366+88.37 TO STATION 368+83.77  
 STATION 372+72.44 TO STATION 374+67.44

SECTION 17, T. 14 N., R. 10 W., 2nd P.M.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 664 (CH 2)	10-00103-02-RS	EDGAR	41	33

EDGAR COUNTY, ILLINOIS  
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SCALE: 1" = 50'



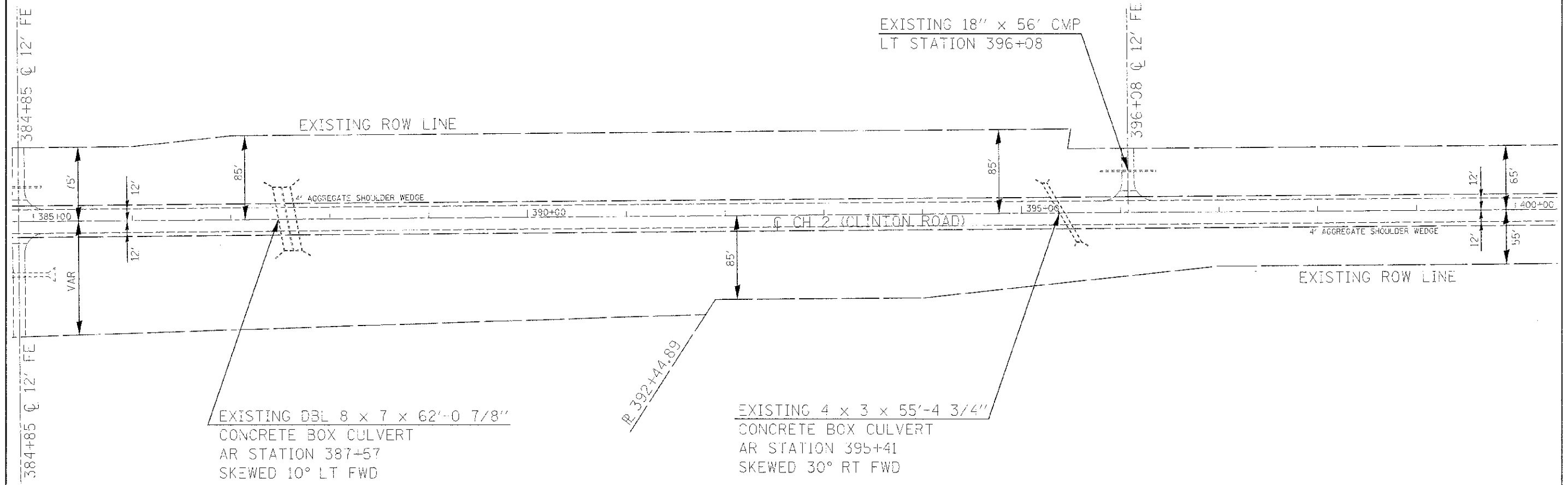
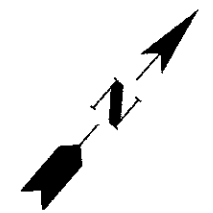
**EDGAR COUNTY  
 HIGHWAY DEPARTMENT**

SECTION 17, T. 14 N., R. 10 W., 2nd P.M.

SECTION 17, T. 14 N., R. 10 W., 2nd P.M.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 694 (CH 2)	10-00103-02-RS	EDGAR	41	34
EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		

CONTRACT NO. 91471



SCALE: 1" = 50'

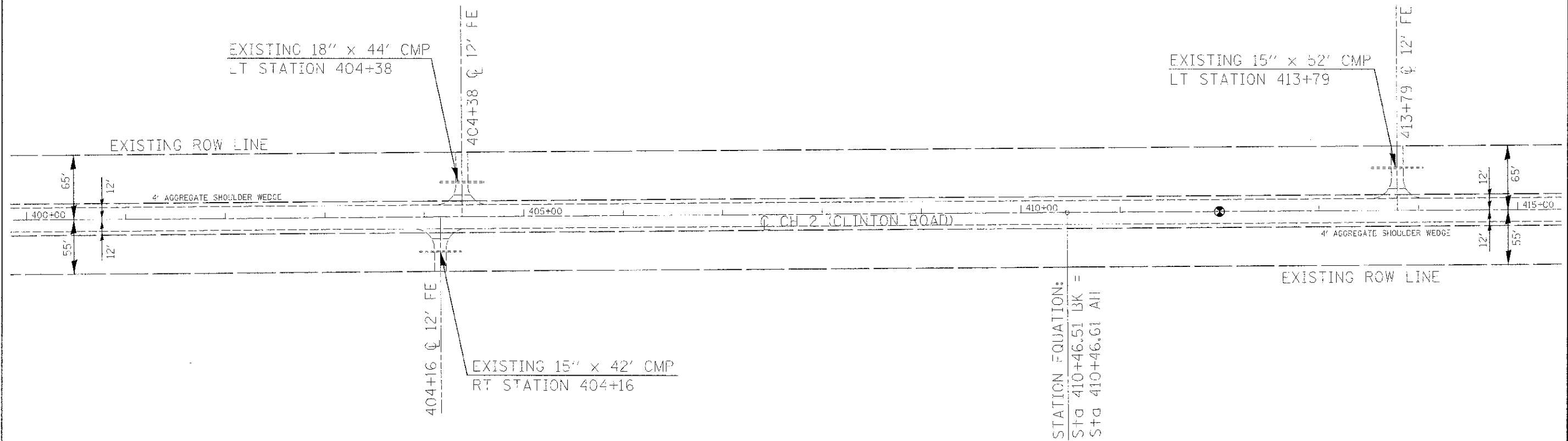
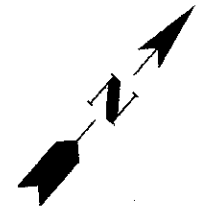


SECTION 17, T. 14 N., R. 10 W., 2nd P.M.

SECTION 17, T. 14 N., R. 10 W., 2nd P.M.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	10-00203-02-R5	EDGAR	41	35
EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		

CONTRACT NO. 91471



SCALE: 1" = 50'



**EDGAR COUNTY  
HIGHWAY DEPARTMENT**

SECTION 17, T. 14 N., R. 10 W., 2nd P.M.

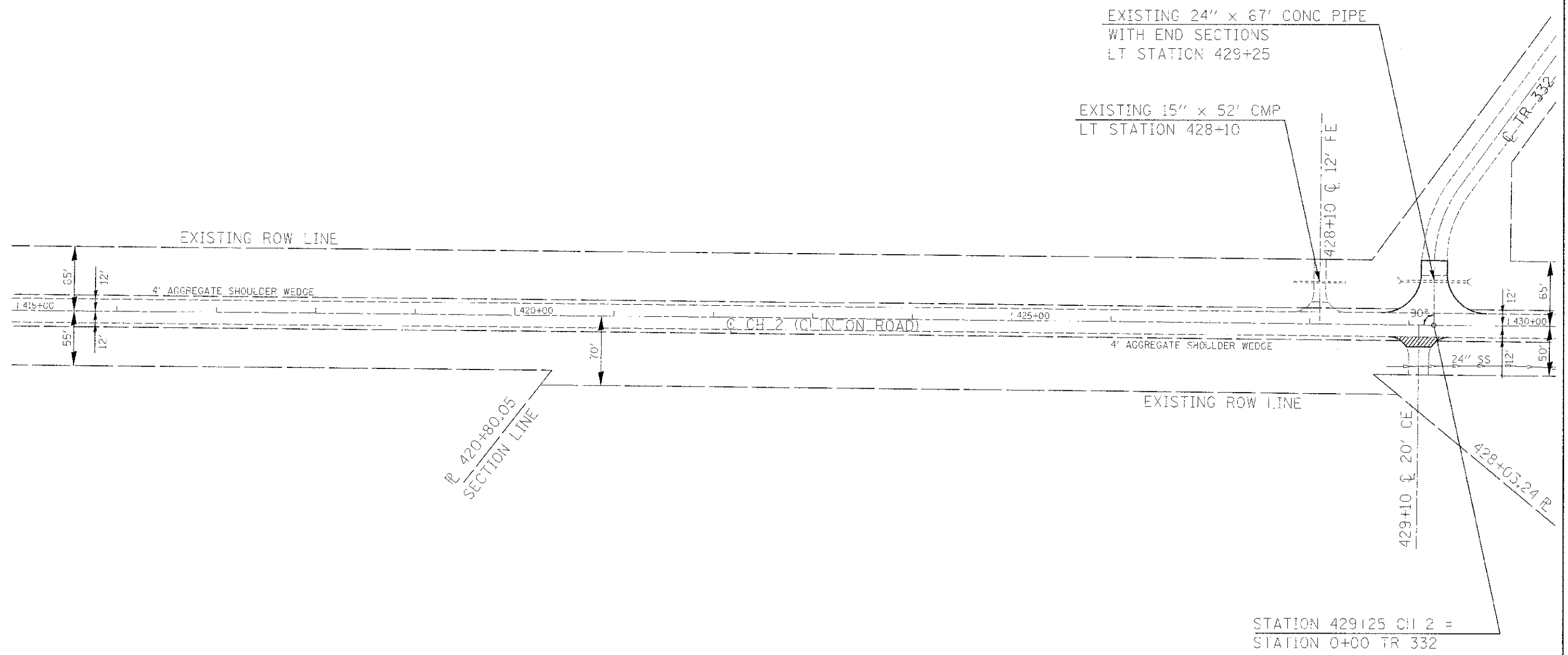
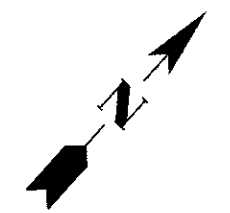
SECTION 17, T. 14 N., R. 10 W., 2nd P.M.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745 684 (CH 2)	10-00103-02-RS	EDGAR	41	36

EDGAR COUNTY, ILLINOIS FEDERAL PROJECT

CONTRACT NO. 91471

SECTION 16, T. 14 N., R. 10 W., 2nd P.M.



STATION 429+25 CH 2 =  
STATION 0+00 TR 332

/// HMA SURFACE REMOVAL - BUTT JOINT

SECTION 17, T. 14 N., R. 10 W., 2nd P.M.

SCALE: 1" = 50'



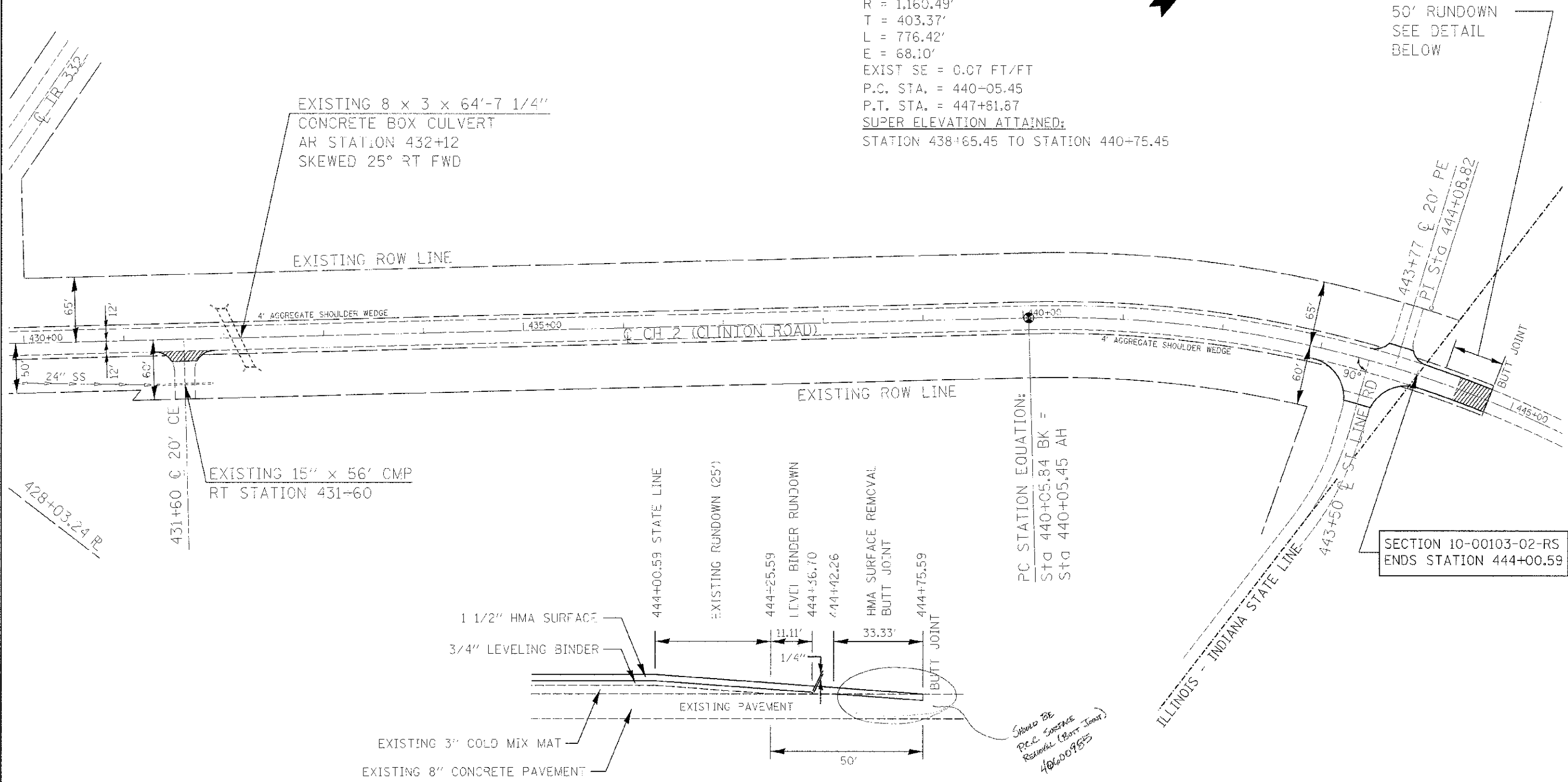
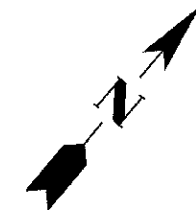
SECTION 16, T. 14 N., R. 10 W., 2nd P.M.

SECTION 16, T. 14 N., R. 10 W., 2nd P.M.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	10-00103-C2-R5	EDGAR	41	37

EDGAR COUNTY, ILLINOIS | FED. AID PROJECT  
 CONTRACT NO. 91471

EXIST. CURVE CURVE11  
 PI STA. = 444+08.82  
 $\Delta = 38^\circ 20' 00''$  (RT)  
 $D = 4^\circ 56' 14''$   
 $R = 1,160.49'$   
 $T = 403.37'$   
 $L = 776.42'$   
 $E = 68.10'$   
 EXIST SE = 0.07 FT/FT  
 P.C. STA. = 440+05.45  
 P.T. STA. = 447+81.87  
SUPER ELEVATION ATTAINED:  
 STATION 438+65.45 TO STATION 440+75.45



RUNDOWN DETAIL

HMA SURFACE REMOVAL - BUTT JOINT

NOTE: QUANTITIES FOR WORK OUTSIDE THE LIMITS OF THIS SECTION ARE INCLUDED IN THOSE LISTED

SCALE: 1" = 50'



SECTION 16, T. 14 N., R. 10 W., 2nd P.M.

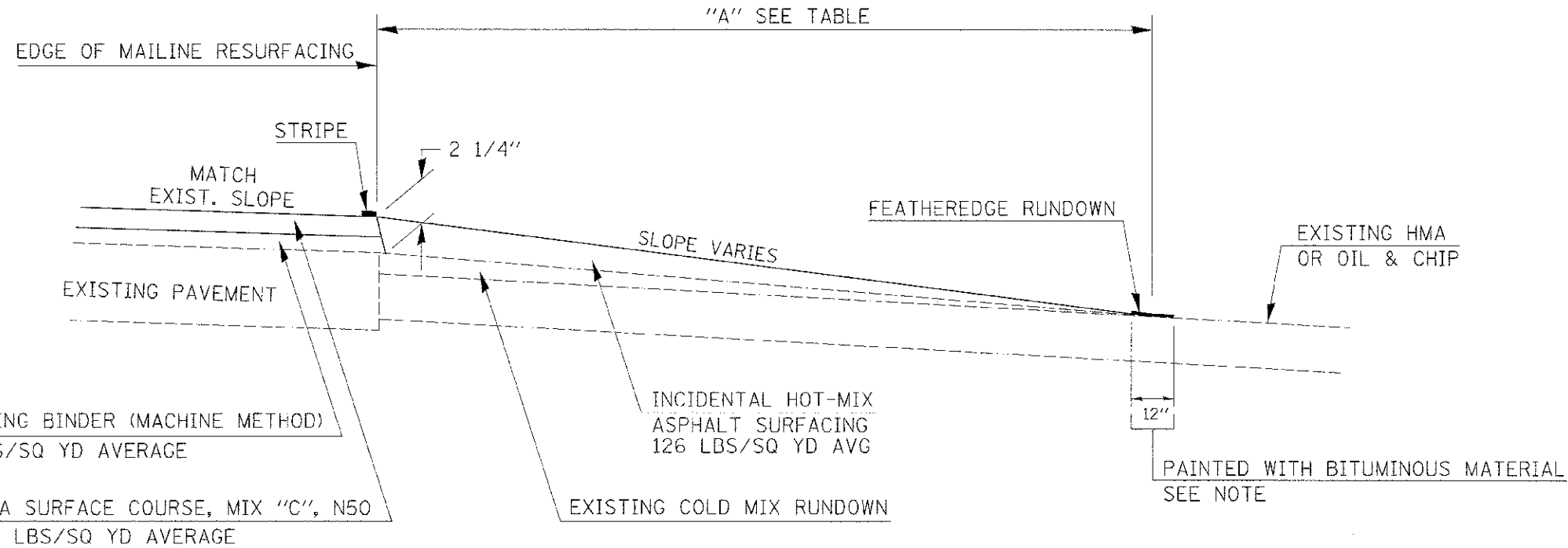
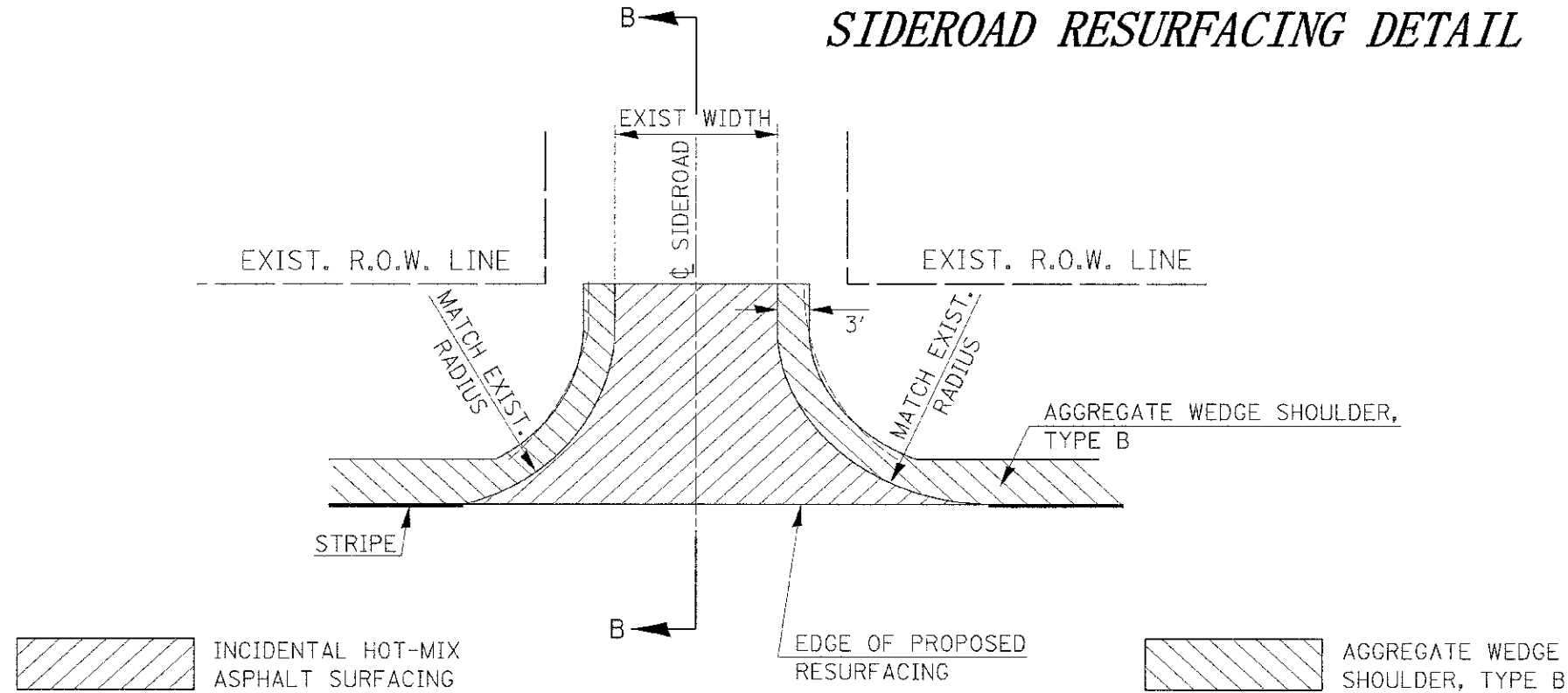
# SIDEROAD RESURFACING DETAIL

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	10-00103-02-RS	EDGAR	41	38
ILLINOIS FED. AID PROJECT				

CONTRACT NO. 91471

OFFSET TABLE FOR SIDEROAD RESURFACING

SIDEROAD STATION	DIMENSION "A"
RT 71+50	48'
RT 119+00	48'
LT 140+00	50'
RT 192+50.34	53'
LT 192+50.34	53'
LT 245+03.40	49'
RT 245+03.40	10'
LT 297+08.45	40'
RT 320+71.50	39.28'
RT 354+33.20	40'
LT 355+88.20	40'
LT 429+25	53'
RT 443+50	33'



SECTION B-B

RESURFACING RUNDOWNS SHALL BE PAINTED WITH A UNIFORM COATING OF AC OR HFE BITUMINOUS MATERIAL APPROVED BY THE ENGINEER AFTER THE RUNDOWN IS COMPLETED. THE BITUMINOUS MATERIAL SHALL BE PAINTED ACROSS THE END OF THE RUNDOWN APPROXIMATELY 12 INCHES WIDE, 6 INCHES ON THE RUNDOWN AND 6 INCHES ON THE PAVEMENT. THE PAINTED STRIP SHALL BE COVERED WITH SAND. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



EDGAR COUNTY  
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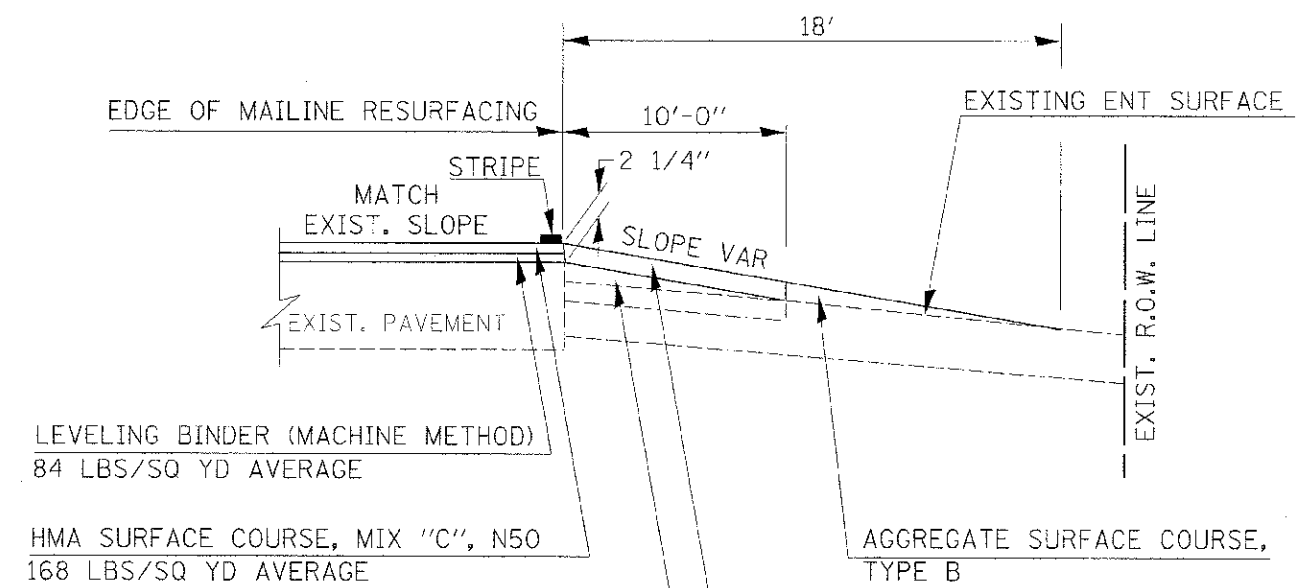
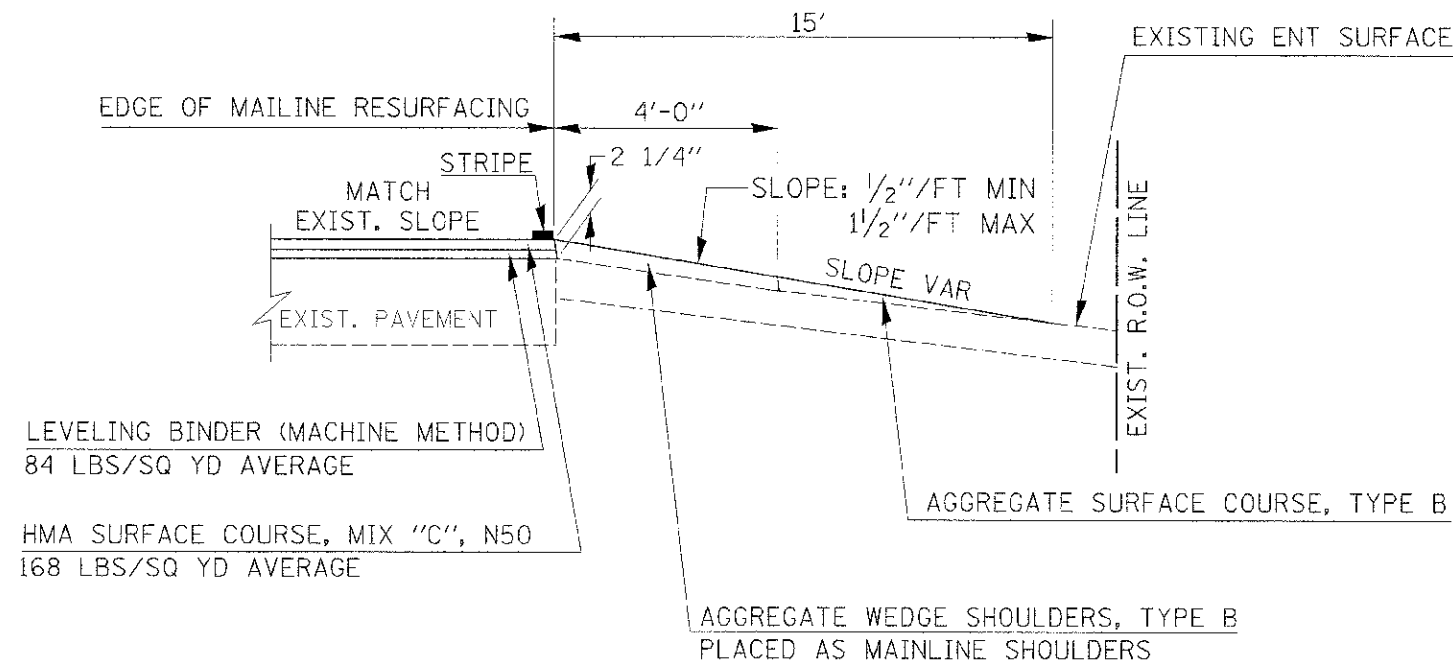
# ENTRANCE DETAILS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	10-00103-02-RS	EDGAR	41	39
ILLINOIS FED. AID PROJECT				

CONTRACT NO. 91471

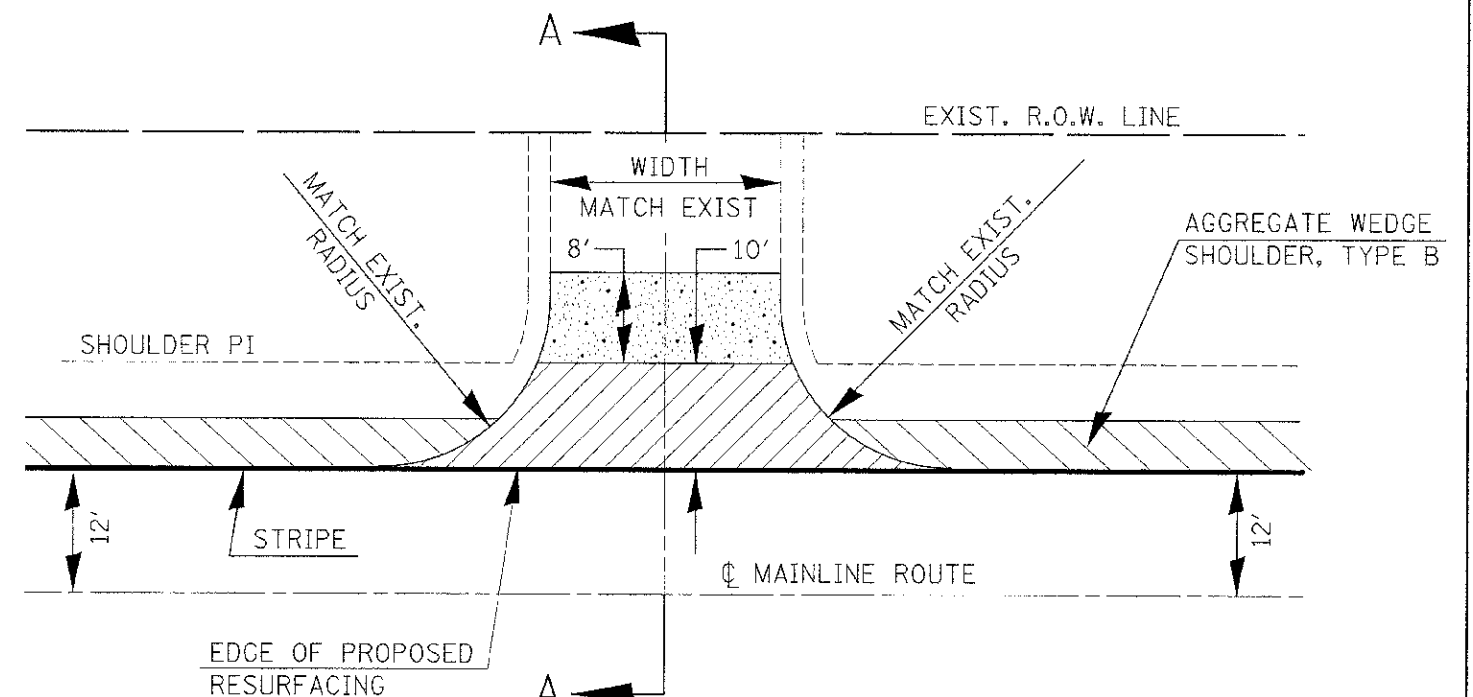
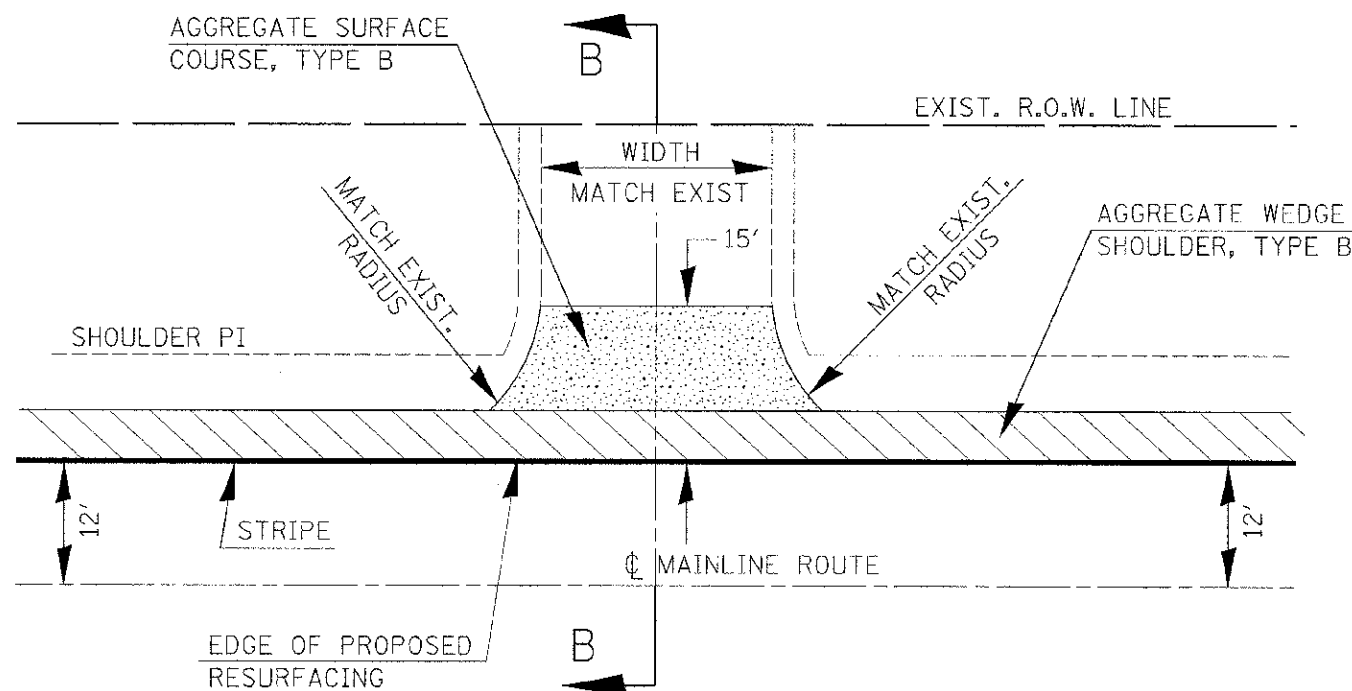
## FIELD ENTRANCE DETAIL

## COMMERCIAL & PRIVATE ENTRANCE RESURFACING DETAIL



SECTION B-B

SECTION A-A



**EDGAR COUNTY  
HIGHWAY DEPARTMENT**

AGGREGATE WEDGE SHOULDER, TYPE B

AGGREGATE SURFACE COURSE, TYPE B

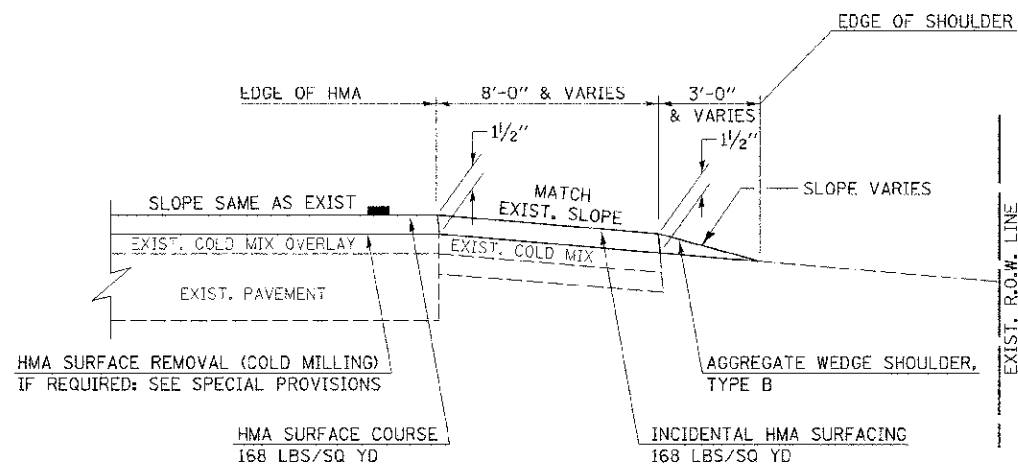
INCIDENTAL HOT-MIX ASPHALT SURFACING

# MAILBOX TURNOUT DETAILS

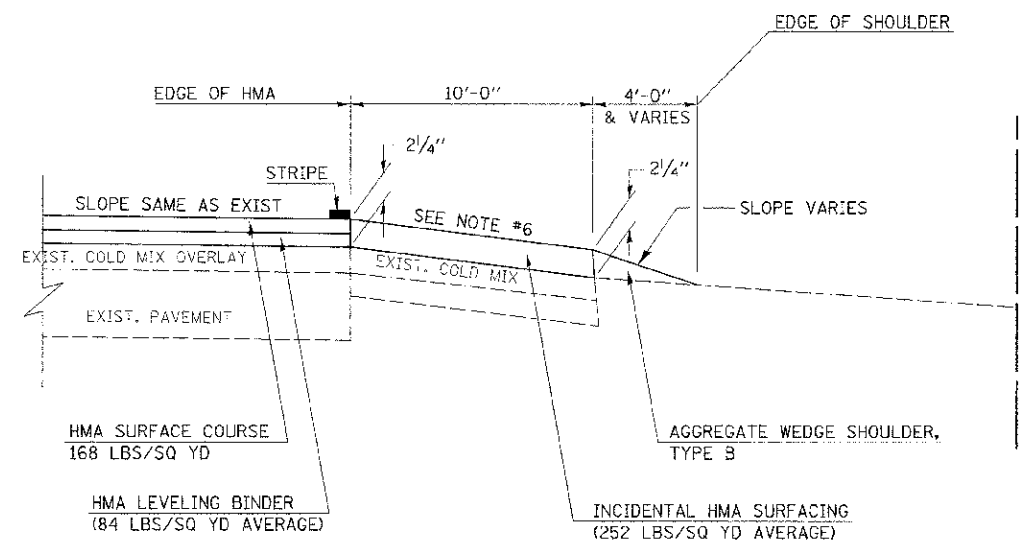
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	10-00103-02-RS	EDGAR	41	40
ILLINOIS FED. AID PROJECT				

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**S.M.A.R.T. IMPROVEMENTS**  
(POLICY RESURFACING 1 1/2")

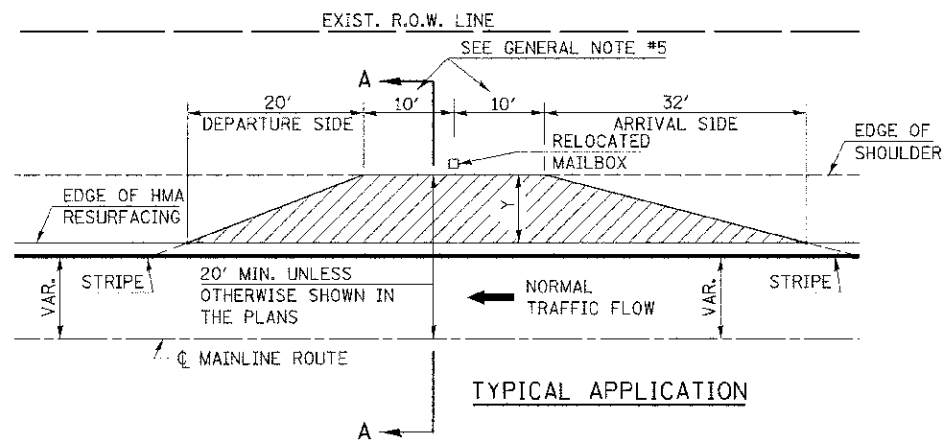


**"3P" OR "3R" IMPROVEMENTS**  
(POLICY RESURFACING: 2 1/4" OR 2 1/2")



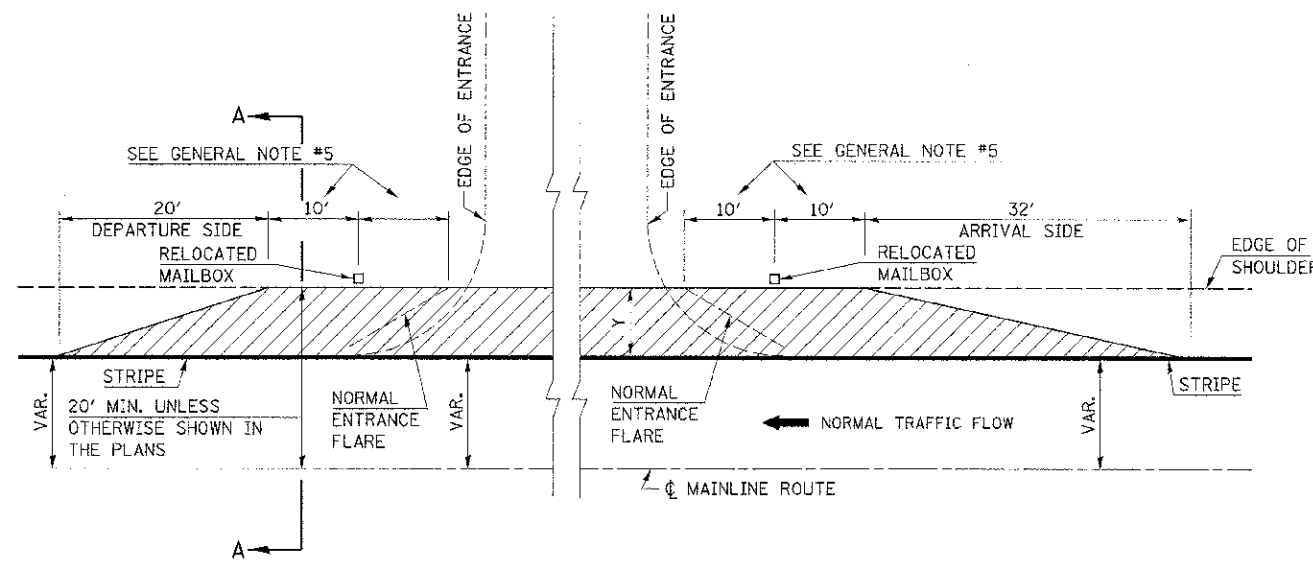
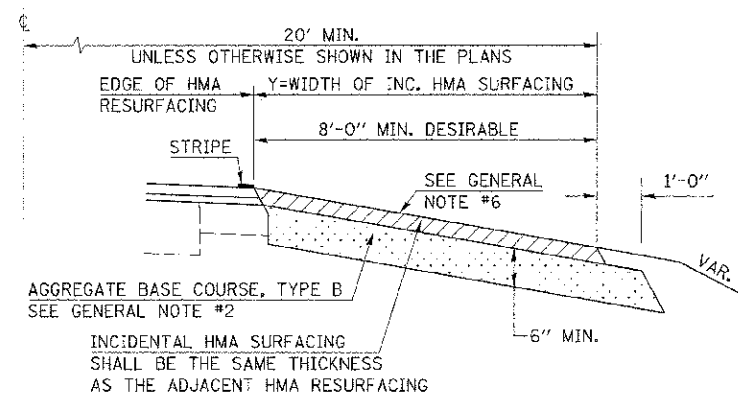
## GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. AGGREGATE BASE COURSE, TYPE B, 6" DEPTH SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT SUFFICIENT BASE MATERIAL FOR THE PROPOSED MAILBOX TURNOUTS. THIS MATERIAL SHALL GENERALLY BE USED TO WIDEN ALL EXISTING MAILBOX TURNOUTS OR TO CONSTRUCT NEW MAILBOX TURNOUTS WHERE NONE NOW EXISTS.
3. ANY NECESSARY WORK BEHIND THE INCIDENTAL HMA SURFACING SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
4. ANY NECESSARY RELOCATION OF EXISTING MAILBOXES SHALL BE IN ACCORDANCE WITH ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS.
5. WHEN MORE THAN ONE RELOCATED MAILBOX IS INCLUDED IN A PARTICULAR LOCATION THE TWO 10' DIMENSIONS AS SHOWN ABOVE SHALL BE FROM THE END MAILBOX.
6. CROSS SLOPE SHALL BE AS SHOWN ON THE STATION CROSS SECTIONS AND/OR AS DIRECTED BY THE ENGINEER. SLOPE SHALL BE MINIMUM 4% (1/2"/1') DESIRED SLOPE; OR A MAXIMUM SLOPE OF 12% (1 1/2"/1').
7. WHEN MAILBOX TURNOUTS ARE CONSTRUCTED ADJACENT TO FIELD ENTRANCES, THE WIDTH OF THE INCIDENTAL HMA SURFACING CONSTRUCTED FOR THE FIELD ENTRANCE SHALL MATCH THE WIDTH OF THE PROPOSED MAILBOX TURNOUT SURFACING.
8. THE TOTAL SHOULDER WIDTH, (10') MINIMUM, SHALL BE PAVED BETWEEN SIDEROADS ENTRANCES AND/OR MAILBOX TURNOUTS AT LOCATIONS WHERE THE DISTANCE BETWEEN RADIUS OR TAPER CONTROL POINTS IS LESS THAN (50').
9. MAILBOXES SHALL BE MOUNTED SUCH THAT THE FACE OF THE MAILBOX IS 6" TO 12" AND THE POST A MINIMUM OF 24" FROM THE EDGE OF THE TURNOUT SURFACING.



## PROJECTS WITH RECONSTRUCTION ("3R" IMPROVEMENTS)

WIDTH OF SHOULDER	4'-0" - 8'-0"	10'-0"
WIDTH OF TURNOUT	8'-0"	8'-0" - 10'-0"



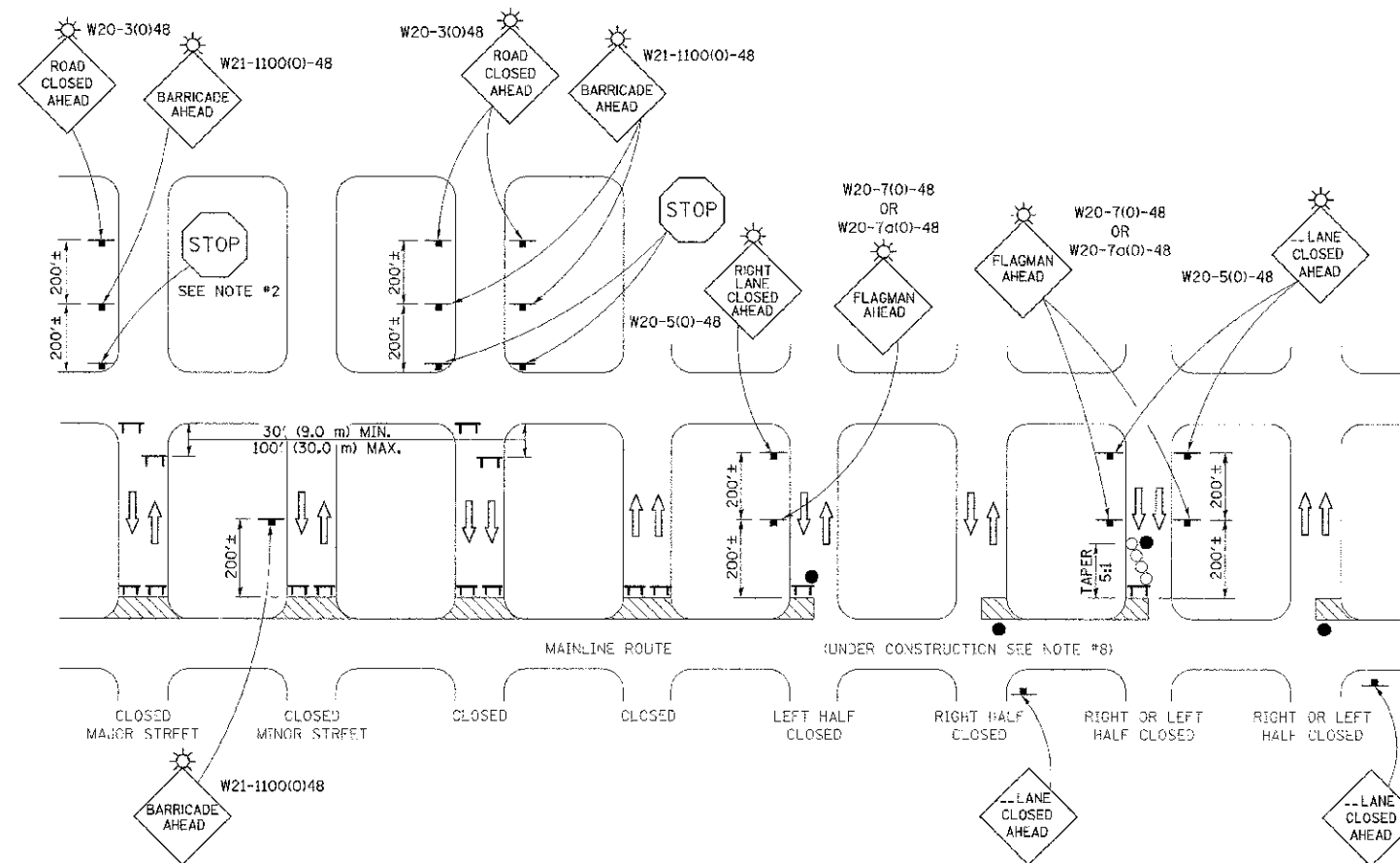
EDGAR COUNTY  
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# TRAFFIC CONTROL FOR SIDEROADS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 (CH 2)	10-00103-02-RS	EDGAR	41	41
ILLINOIS FED. AID PROJECT				

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SYMBOLS	
	TYPE III BARRICADE (SEE NOTE)
	FLASHING LIGHT
	FLAGGER WITH TRAFFIC CONTROL SIGN (WHILE WORK IS BEING PERFORMED)
	CONE (DAYLIGHT HOURS ONLY), DRUM, TYPE I OR TYPE II BARRICADE
	WORK AREA
	TRAFFIC FLOW

## GENERAL NOTES

- TYPE III BARRICADES SHALL BE AS SHOWN ON "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
- WHERE A STOP CONDITION EXISTS, AS SHOWN ABOVE, WARNING SIGNS MAY BE OMITTED IN ADVANCE OF THE "STOP" SIGN.
- STANDARD 701901 SHALL APPLY FOR THE PLACEMENT & MANUFACTURE OF TYPE III BARRICADES.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- ONE FLASHING LIGHT IS REQUIRED ABOVE EACH ADVANCE WARNING SIGN DURING HOURS OF DARKNESS.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- FORMS BT 725 AND BT 726 ARE REQUIRED.
- THE MAINLINE ROUTE TEMPORARY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS AND STANDARD SPECIFICATIONS.
- ALL TRAFFIC CONTROL, INCLUDING FLAGGERS, REQUIRED AT SIDE ROADS AND DESIGNATED ENTRANCES REMAINING OPEN TO TRAFFIC, INCLUDING ANY ADDITIONAL DEVICES DEEMED NECESSARY BY THE ENGINEER TO SAFEGUARD TRAFFIC AT SIDE ROADS AND ENTRANCES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE BID FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL) AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ALL TRAFFIC CONTROL SHOWN ON THIS DETAIL AND ANY ADDITIONAL DEVICES DEEMED NECESSARY BY THE ENGINEER TO REGULATE SIDEROAD AND ENTRANCE TRAFFIC, INCLUDING FLAGGERS, SHALL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

NOTE:  
ALL SIDEROADS AND ENTRANCES SHALL BE CLOSED IN HALF WIDTHS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.



EDGAR COUNTY  
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