

06-14-13 LETTING ITEM 230

**INDEX OF SHEETS**

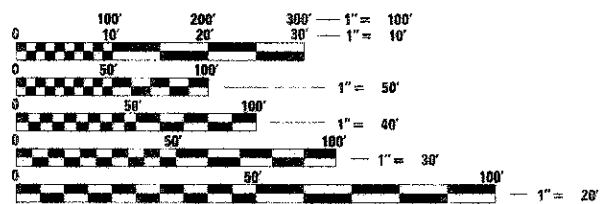
SHEET NO.	DESCRIPTION
1	COVER SHEET
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25	ENTRANCE DETAILS
26	MAILBOX TURNOUT DETAILS
27	TRAFFIC CONTROL FOR SIDEROADS

**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	2022
PV= 1,649 (91.6%)	SU= 94 (5.2%)	MU= 58 (3.2%)
ROAD/STREET CLASSIFICATION CLASS III		
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE		
P= 55%	S= 55%	M= 55%
TRAFFIC FACTOR Actual TF = 0.448 AC Type = PG 64-22		
Minimum TF = 0.5		
PG GRADE: Surface = 64-22		

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

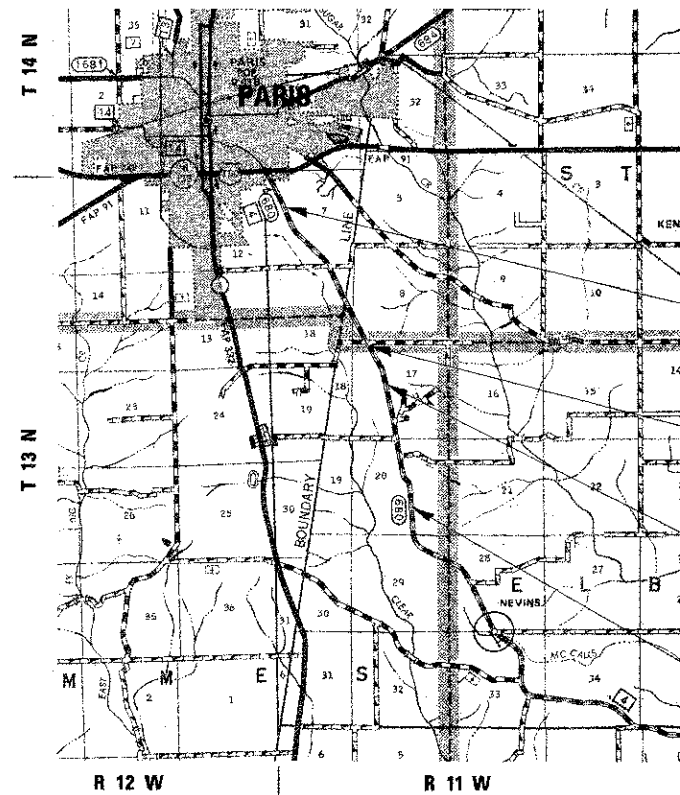


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
**PROPOSED  
 HIGHWAY PLANS**

F.A.S. ROUTE 680 (CH 4)  
 SECTION 12-00111-00-RS  
 PROJECT NO. RS-0680(110)  
 HMA RESURFACING  
 EDGAR COUNTY  
 FUNDING STR, STATE MATCH & LOCAL  
 JOB NO. C-95-308-13

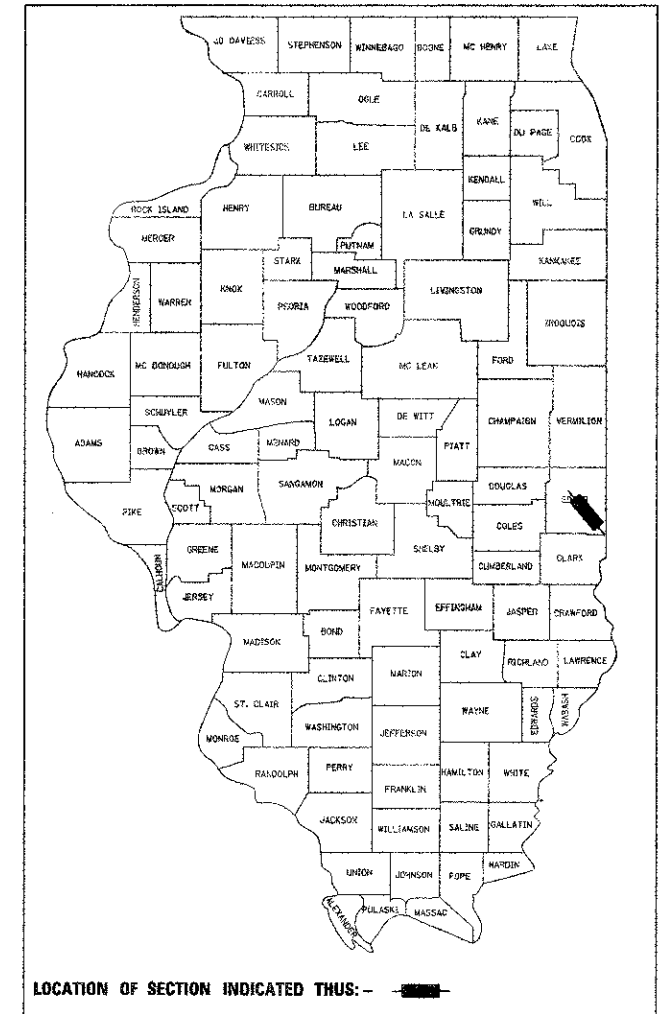


GROSS LENGTH = 18,534.18 FT. = 3.510 MILES  
 NET LENGTH = 18,534.18 FT. = 3.510 MILES

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 680 (CH 4)	12-00111-00-RS	EDGAR	27	1

CONTRACT NO. 91485

C-95-008-13



SECTION 12-00111-00-RS  
 PROJECT RS-0680(110)  
 ENDS STATION 213+79.38

STATION EQUATION:  
 STATION 101+00 (BACK) =  
 STATION 114+00 (AHEAD)

STATION EQUATION:  
 STATION 86+29.80 (BACK) =  
 STATION 87+00.00 (AHEAD)

SECTION 12-00111-00-RS  
 PROJECT RS-0680(110)  
 BEGINS STATION 14+75.00

**AGENCY RESPONSIBLE FOR LETTING**

APPROVED *A. M. Lawson* 2/6/2013  
 EDGAR COUNTY ENGINEER

PASSED *Scott De Selva* April 19, 2013  
 DISTRICT FIVE ENGINEER OF LOCAL ROADS AND STREETS  
 RELEASING FOR BID  
 BASED ON LIMITED REVIEW *Joseph E. Cowe (P.E.)* 04/19/2013  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION THREE ENGINEER  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ROUTE: FAS 680 (CH 4) EDGAR COUNTY DESCRIPTION RESURFACING LOWER T WAL-MART TO 3.5 MI SOUTH  
 SECTION: 12-00111-00-RS

# GENERAL NOTES AND SUMMARY OF QUANTITIES

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PAS 680 (CH 4)	12-0011-00-RS	EDGAR	27	2
EDGAR COUNTY, ILLINOIS			CONTRACT NO.	
EDGAR COUNTY, ILLINOIS			FED. AID PROJECT	

## 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 14+75 to Station 213+79.38
Mixture Use(s):	Surface Course Incidental Surfacing
AC/PG:	PG 64-22
RAP %: (Max)**	15
Design Air Voids:	4.0% @Ndes=70
Mixture Composition: (Gradation Mixture)	IL 9.5
Friction Aggregate:	Mix C

**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 Line	Throughout Project	None
Frontier Communications	Buried Line	Throughout Project	None

## SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	65
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	5,190
40600300	AGGREGATE (PRIME COAT)	TON	78
40600895	CONSTRUCTING TEST STRIP	EACH	1
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	133
40600990	TEMPORARY RAMP	SQ YD	27
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	3,630
40800010	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	230
40800030	AGGREGATE (PRIME COAT)	TON	4
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	160
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	940
67100100	MOBILIZATION	L SUM	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	3,708
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	618
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	43,831
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	233

\* SPECIALTY ITEM

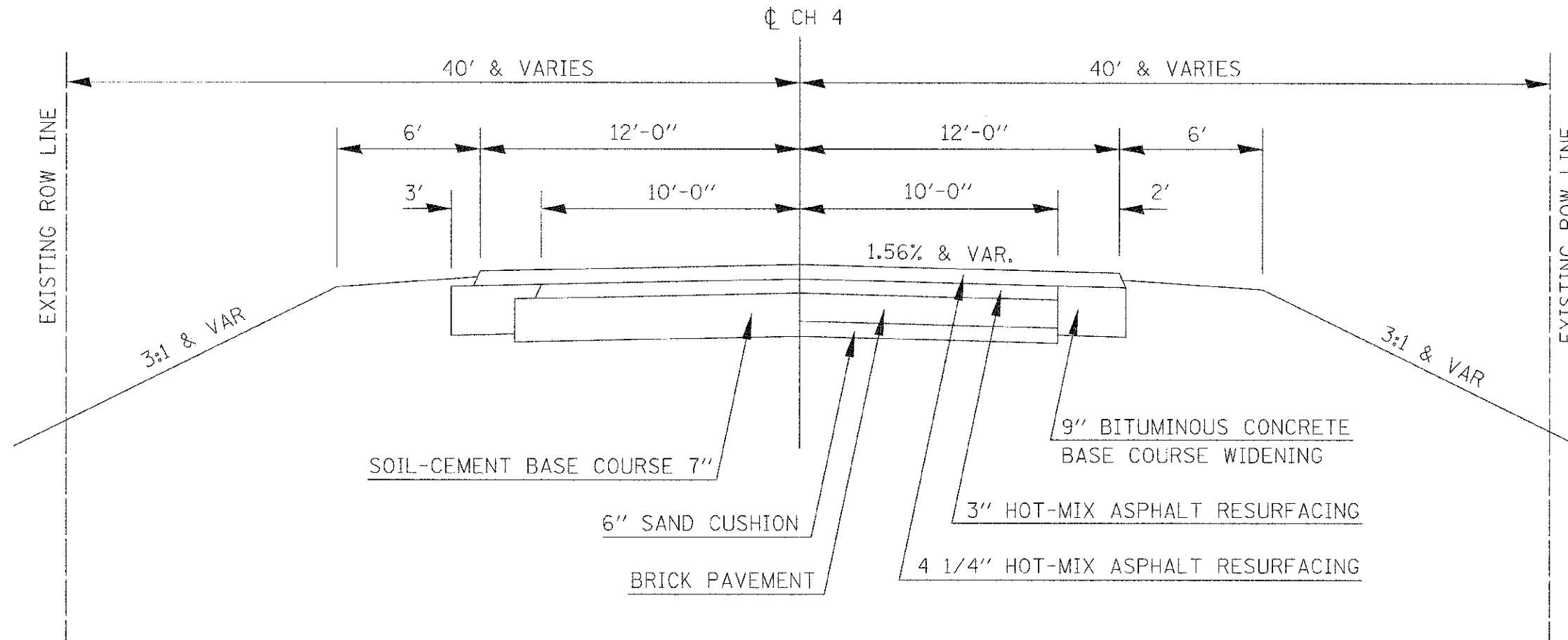
M:\Projects\Lower T - US 150 to Hoof and Paw Kenna\Repair Forming Plans - South of Walmart to Hoof and Paw\util.dwg, cover.dgn





ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 680 ICH 4	12-00111-00-R5	EDGAR	27	1
EDGAR COUNTY, ILLINOIS			CONTRACT NO. 91485	
FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTIONS



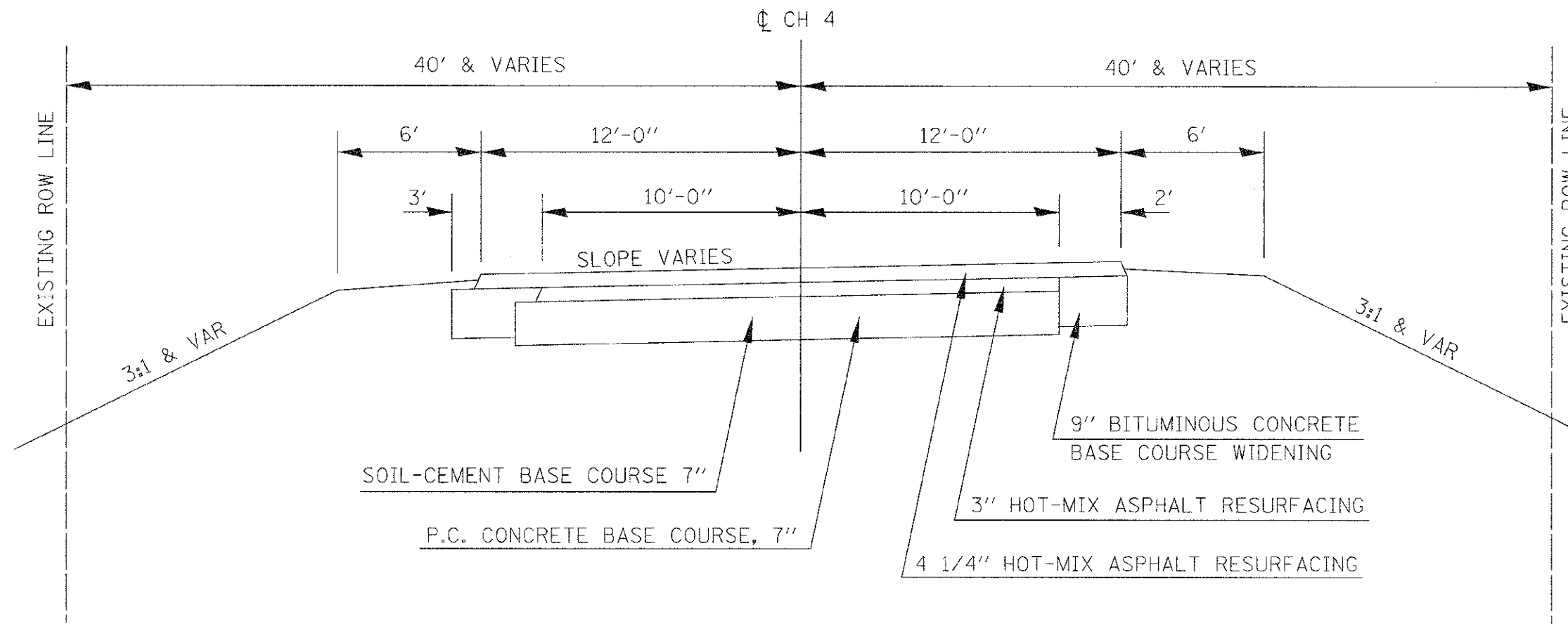
- STATION 14+75 TO STATION 18+00
- STATION 26+20 TO STATION 30+80
- STATION 39+00 TO STATION 41+00
- STATION 49+50 TO STATION 73+22.23
- STATION 82+25.01 TO STATION 86+29.80 (BACK) = STATION 87+00 (AHEAD)
- STATION 87+00 (AHEAD) TO STATION 93+73.95
- STATION 99+74.95 TO STATION 101+00 (BACK) = STATION 114+00 (AHEAD)
- STATION 114+00 (AHEAD) TO STATION 120+17.81
- STATION 126+00 TO STATION 165+54.42
- STATION 173+50 TO STATION 198+00
- STATION 204+00 TO STATION 213+79.38

4/11/11

<b>TYPICAL SECTION</b>	 <b>EDGAR COUNTY HIGHWAY DEPARTMENT</b>
#DATE#	
SCALE: NONE	

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 68C (CH 4)	12-00111-00-RS	EDGAR	27	5
EDGAR COUNTY, ILLINOIS			CONTRACT NO. 91485	
			FED. AID PROJECT	

EXISTING TYPICAL CROSS SECTIONS



SOIL-CEMENT BASE COURSE 7"

P.C. CONCRETE BASE COURSE, 7"

9" BITUMINOUS CONCRETE  
BASE COURSE WIDENING

3" HOT-MIX ASPHALT RESURFACING

4 1/4" HOT-MIX ASPHALT RESURFACING

- STATION 18+00 TO STATION 26+20
- STATION 30+80 TO STATION 39+00
- STATION 41+00 TO STATION 49+50
- STATION 73+22.23 TO STATION 82+25.01
- STATION 93+73.95 TO STATION 99+74.95
- STATION 120+17.81 TO STATION 126+00
- STATION 165+54.42 TO STATION 173+50
- STATION 198+00 TO STATION 204+00

**TYPICAL SECTION**

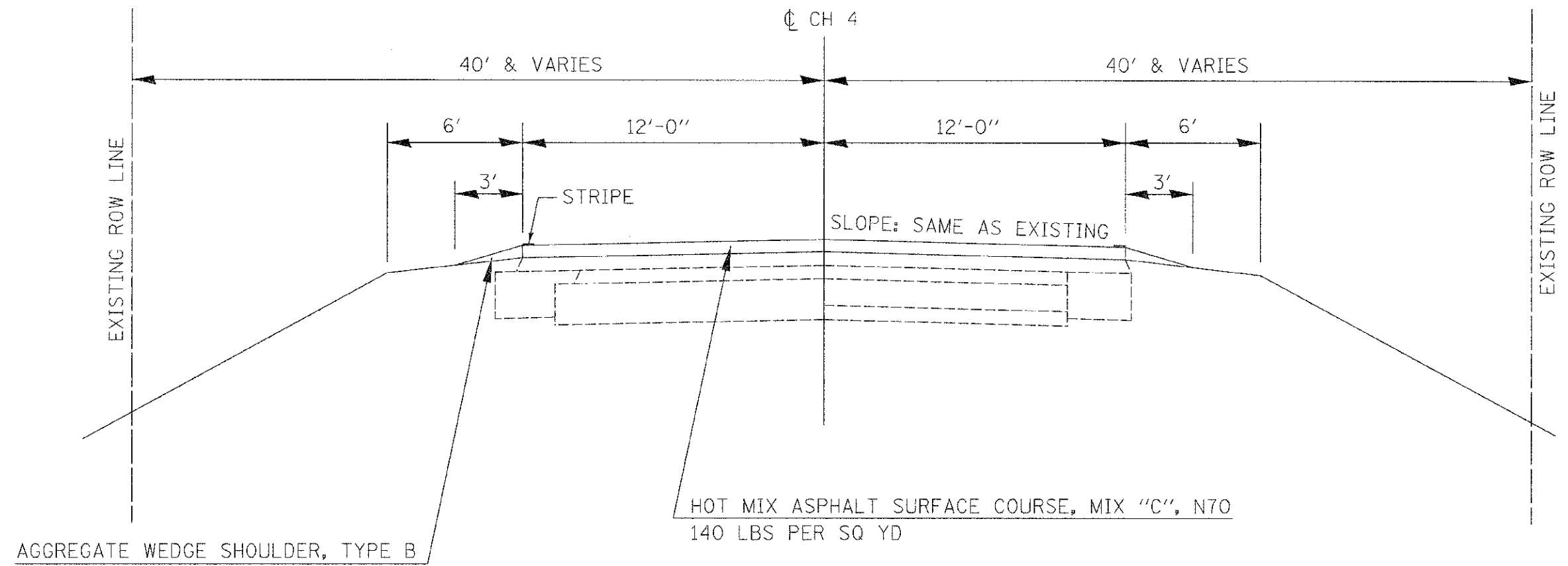
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**EDGAR COUNTY  
HIGHWAY DEPARTMENT**

PROPOSED TYPICAL CROSS SECTIONS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IAS 680 (CH 4)	12-00111-00-RS	EDGAR	27	6
EDGAR COUNTY, ILLINOIS			CONTRACT NO. 9:485	
FED. AID PROJECT				



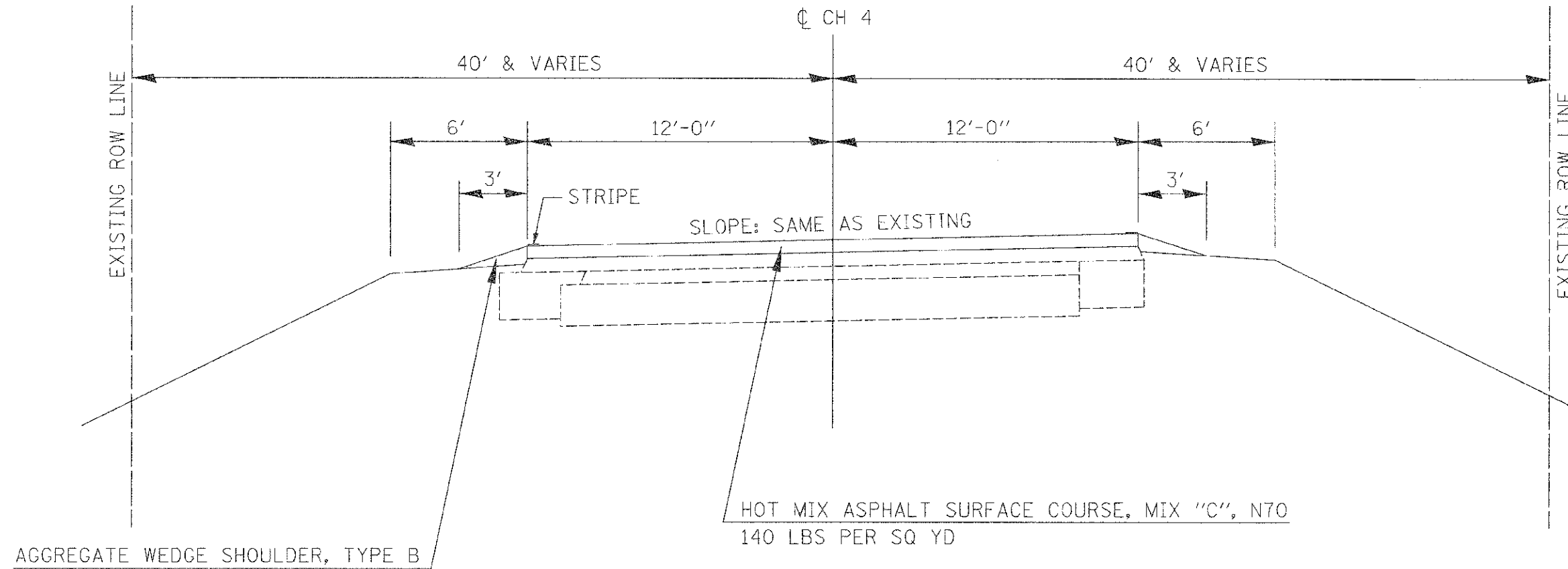
- STATION 14+75 TO STATION 18+00
- STATION 26+20 TO STATION 30+80
- STATION 39+00 TO STATION 41+00
- STATION 49+50 TO STATION 73+22.23
- STATION 82+25.01 TO STATION 86+29.80 (BACK) = STATION 87+00 (AHEAD)
- STATION 87+00 (AHEAD) TO STATION 93+73.95
- STATION 99+74.95 TO STATION 101+00 (BACK) = STATION 114+00 (AHEAD)
- STATION 114+00 (AHEAD) TO STATION 120+17.81
- STATION 126+00 TO STATION 165+54.42
- STATION 173+50 TO STATION 198+00
- STATION 204+00 TO STATION 213+79.38

SECTION 8

<p><b>TYPICAL SECTION</b></p> <p>DATE: #</p> <p>SCALE: NONE</p>		<p><b>EDGAR COUNTY</b></p> <p><b>HIGHWAY DEPARTMENT</b></p>

PROPOSED TYPICAL CROSS SECTIONS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
AS 880 (CH 4)	12-00111-02-RS	EDGAR	27	7
EDGAR COUNTY, ILLINOIS			CONTRACT NO. 91485	
FED. AID PROJECT				



STATION 18+00 TO STATION 26+20  
 STATION 30+80 TO STATION 39+00  
 STATION 41+00 TO STATION 49+50  
 STATION 73+22.23 TO STATION 82+25.01  
 STATION 93+73.95 TO STATION 99+74.95  
 STATION 120+17.81 TO STATION 126+00  
 STATION 165+54.42 TO STATION 173+50  
 STATION 198+00 TO STATION 204+00

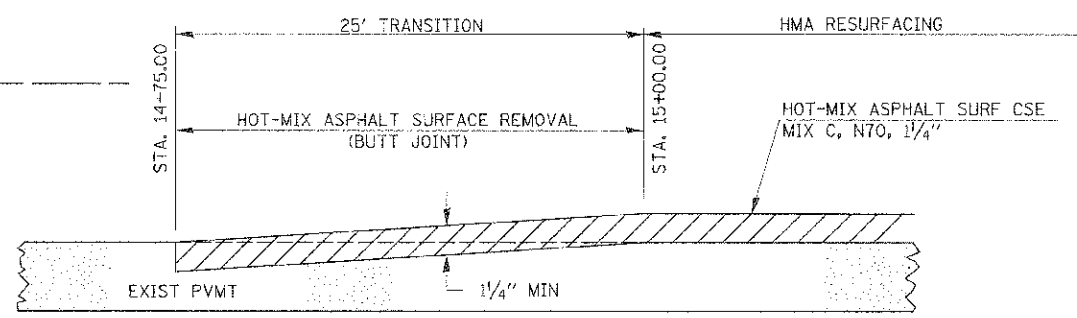
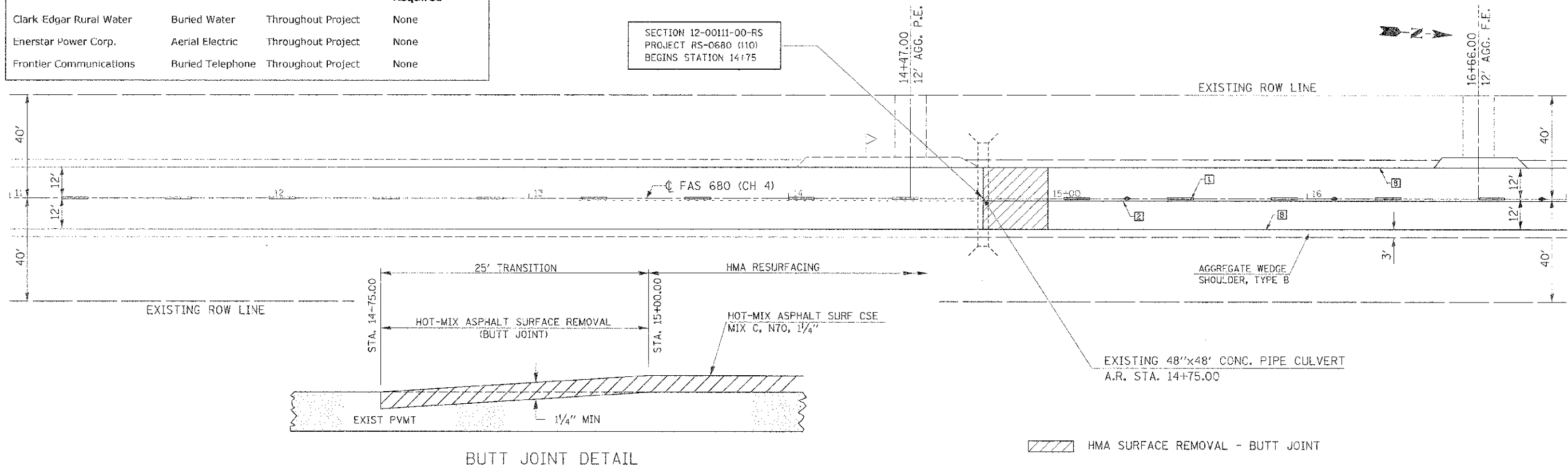
REFLECTOR

<p><b>TYPICAL SECTION</b></p> <p>DATE: _____</p> <p>SCALE: NONE</p>	 <p><b>EDGAR COUNTY HIGHWAY DEPARTMENT</b></p>
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ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 680 (CH 4)	12-00111-00-RS	EDGAR	27	8
EDGAR COUNTY, ILLINOIS			CONTRACT NO. 91485	
FFD. AID PROJECT				

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	Buried Telephone	Throughout Project	None

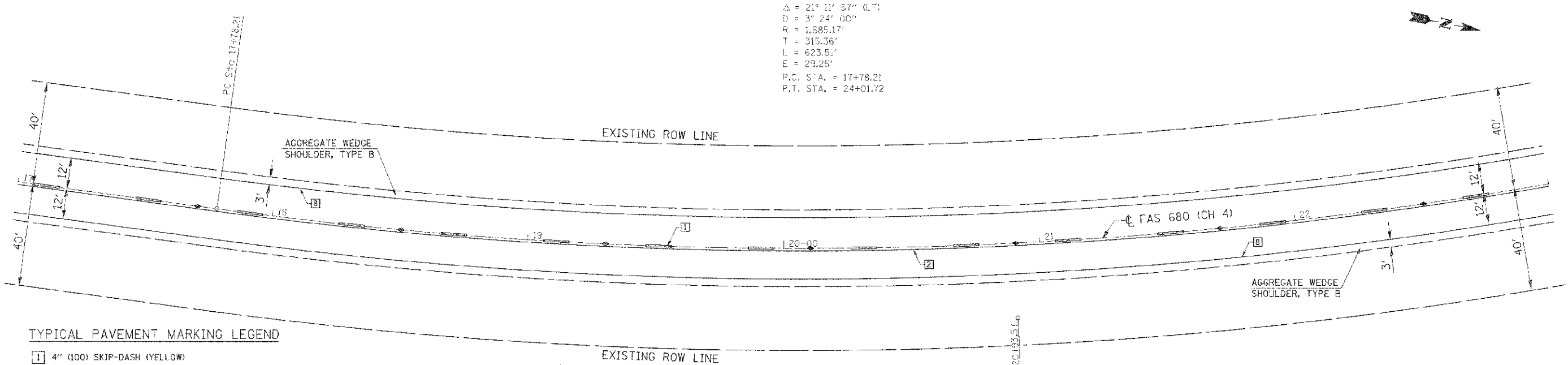
SECTION 12-00111-00-RS  
PROJECT RS-0680 (110)  
BEGINS STATION 14+75



BUTT JOINT DETAIL

EXISTING 48"x48' CONC. PIPE CULVERT  
A.R. STA. 14+75.00

EXIST. CURVE LOWER-1  
PI STA. = 20+93.57  
 $\Delta = 21^\circ 11' 37''$  (L7)  
D = 3° 24' 00"  
R = 1,585.17'  
T = 315.36'  
L = 623.51'  
E = 29.25'  
P.C. STA. = 17+78.21  
P.T. STA. = 24+01.72



TYPICAL PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 6 4" (100) SOLID (WHITE)

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

PLAN  
SCALE: 1" = 20'



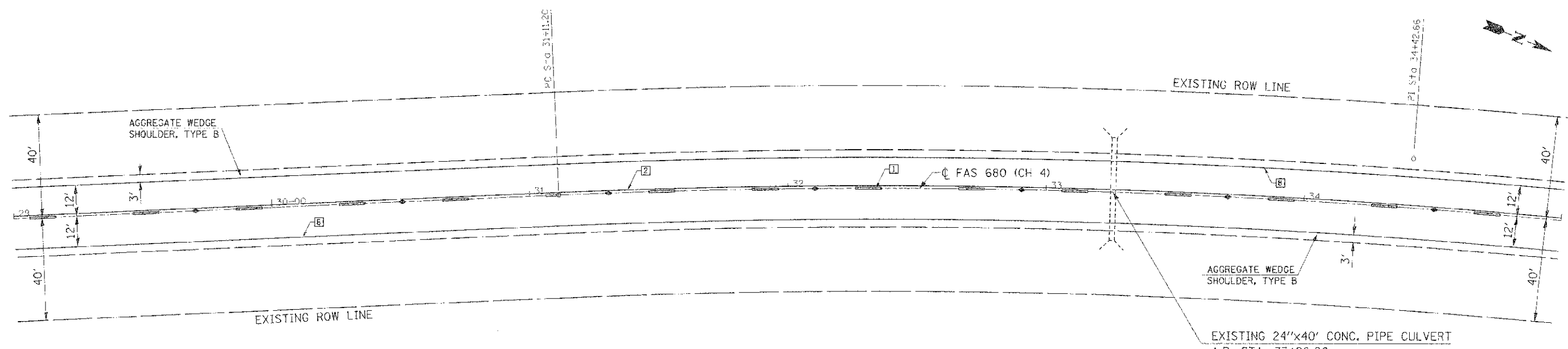
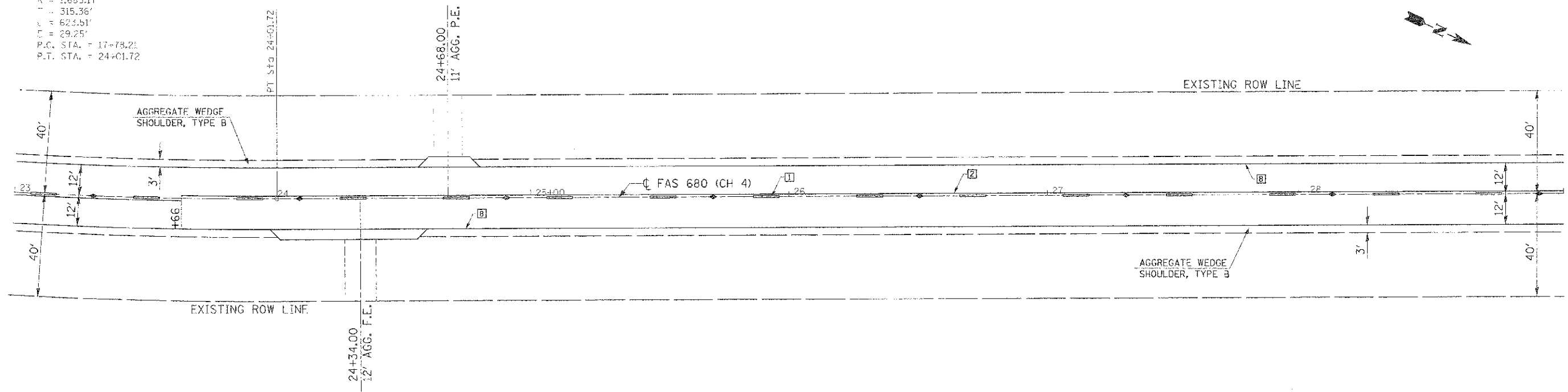
EDGAR COUNTY  
HIGHWAY DEPARTMENT

FILE 8



EXIST. CURVE LOWERT-1  
 PI STA. = 20+93.57  
 $\Delta = 21^\circ 11' 57''$  (LT)  
 $D = 3^\circ 24' 00''$   
 $R = 1,685.17'$   
 $T = 315.36'$   
 $L = 623.51'$   
 $E = 29.25'$   
 P.C. STA. = 17+78.23  
 P.T. STA. = 24+01.72

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 680 (CH 4)	12-0011-00-RS	EDGAR	27	9
EDGAR COUNTY, ILLINOIS			CONTRACT NO. 91485	



**TYPICAL PAVEMENT MARKING LEGEND**

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (300) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 8 4" (100) SOLID (WHITE)

**TYPICAL PAVEMENT MARKERS LEGEND**

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

EXIST. CURVE LOWERT-2  
 PI STA. = 34+42.66  
 $\Delta = 13^\circ 11' 59''$  (RT)  
 $D = 2^\circ 00' 00''$   
 $R = 2,864.79'$   
 $T = 331.46'$   
 $L = 659.99'$   
 $E = 19.11'$   
 P.C. STA. = 31+11.20  
 P.T. STA. = 37+71.39

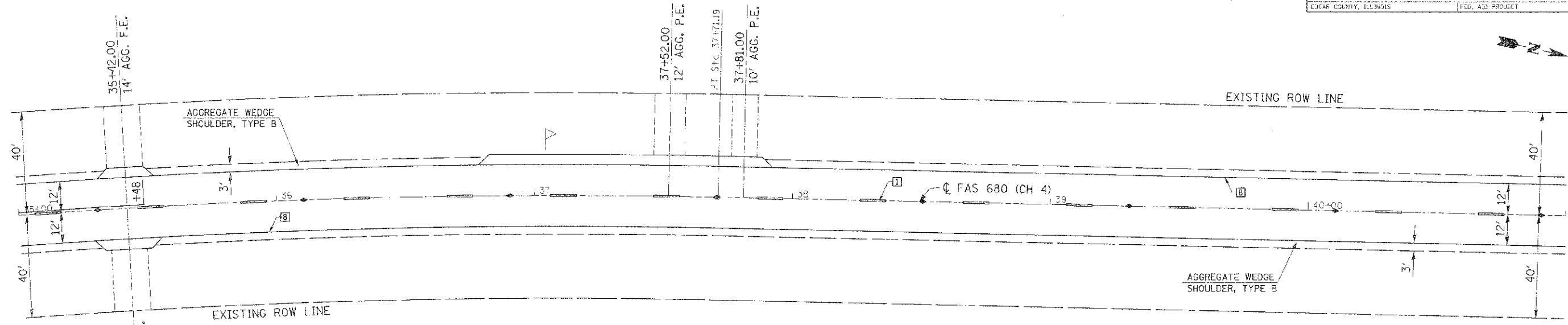
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DATE: \_\_\_\_\_  
 SCALE: 1" = 20'

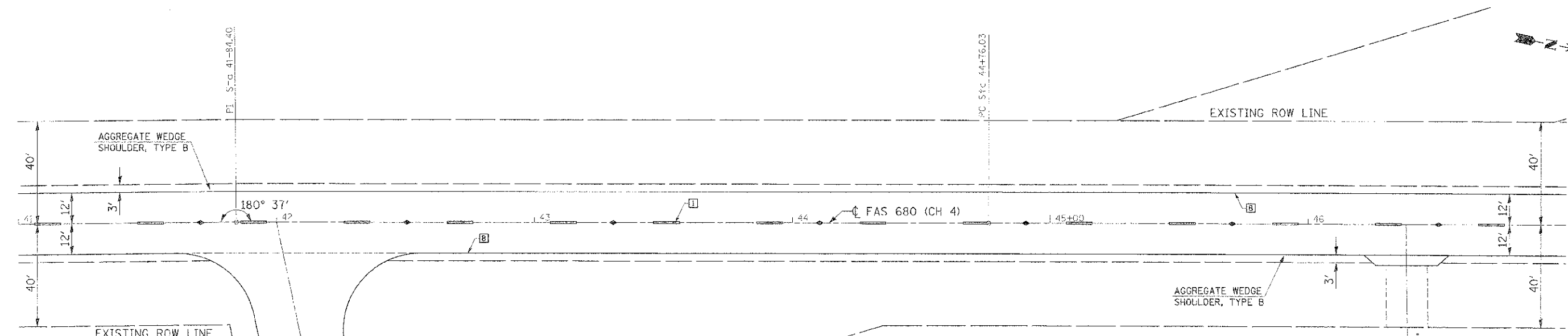


**EDGAR COUNTY  
 HIGHWAY DEPARTMENT**

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 680 (CH 4)	12-00111-00-RS	EDGAR	27	10
EDGAR COUNTY, ILLINOIS			CONTRACT NO. 91485	
			FED. AID PROJECT	



EXIST. CURVE LOWERT-2  
 P.I. STA. = 34+42.66  
 $\Delta = 13^\circ 11' 59''$  (RT)  
 $D = 2^\circ 00' 00''$   
 $R = 2,864.79'$   
 $T = 331.46'$   
 $L = 659.99'$   
 $E = 19.11'$   
 P.C. STA. = 31+11.20  
 P.T. STA. = 37+71.19



EXIST. CURVE LOWERT-3  
 P.I. STA. = 49+51.01  
 $\Delta = 0^\circ 57' 00''$  (RT)  
 $D = 0^\circ 06' 30''$   
 $R = 57,295.78'$   
 $T = 474.98'$   
 $L = 949.94'$   
 $E = 1.97'$   
 P.C. STA. = 44+76.03  
 P.T. STA. = 54+25.97

**TYPICAL PAVEMENT MARKING LEGEND**

- 1 4" (100) SKIP-CASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 8 4" (100) SOLID (WHITE)

**TYPICAL PAVEMENT MARKERS LEGEND**

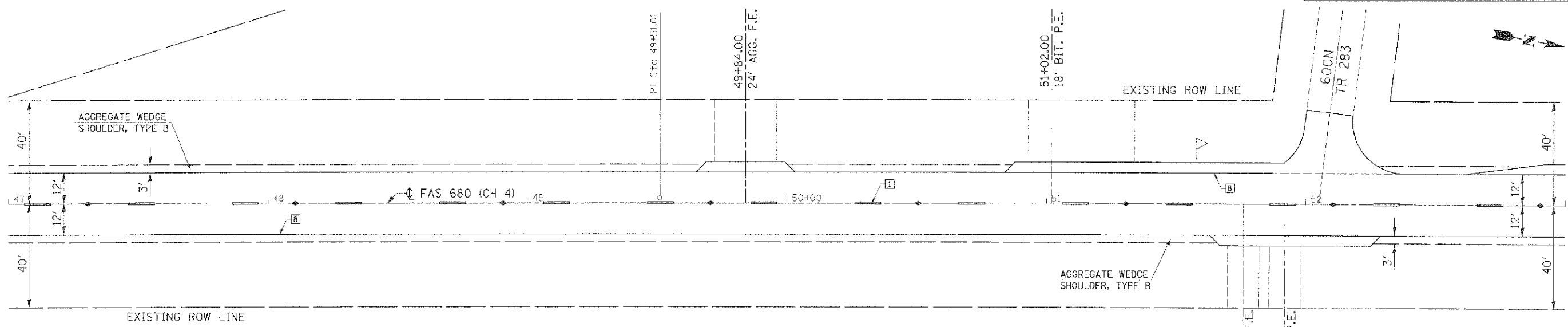
- ◆ TWO-WAY AMBER MARKER
- ▼ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

**PLAN**  
 DATE:  
 SCALE: 1" = 20'

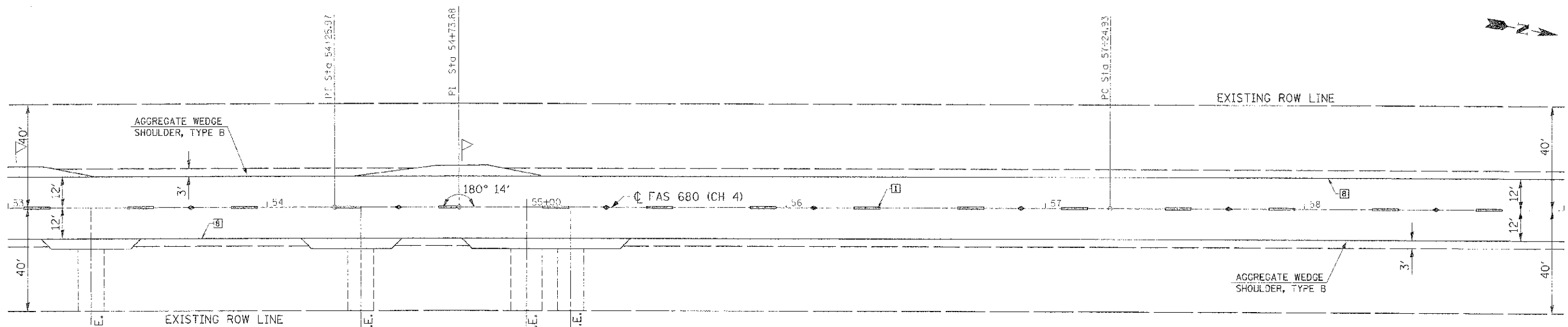


**EDGAR COUNTY  
 HIGHWAY DEPARTMENT**

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 680 (CH 4)	12-0011-00-RS	EDGAR	27	11
EDGAR COUNTY, ILLINOIS			FED. AID PROJECT	
CONTRACT NO. 91485				



EXIST. CURVE LOWERT 3  
 P.I. STA. = 49+51.01  
 $\Delta = 0^\circ 57' 00''$  (RT)  
 $D = 0^\circ 06' 00''$   
 $R = 57,295.78'$   
 $T = 474.98'$   
 $L = 949.54'$   
 $E = 1.97'$   
 P.C. STA. = 44+76.03  
 P.T. STA. = 54+25.97



**TYPICAL PAVEMENT MARKING LEGEND**

- 1 4" (100) SKTP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (30C) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 8 4" (100) SOLID (WHITE)

**TYPICAL PAVEMENT MARKERS LEGEND**

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

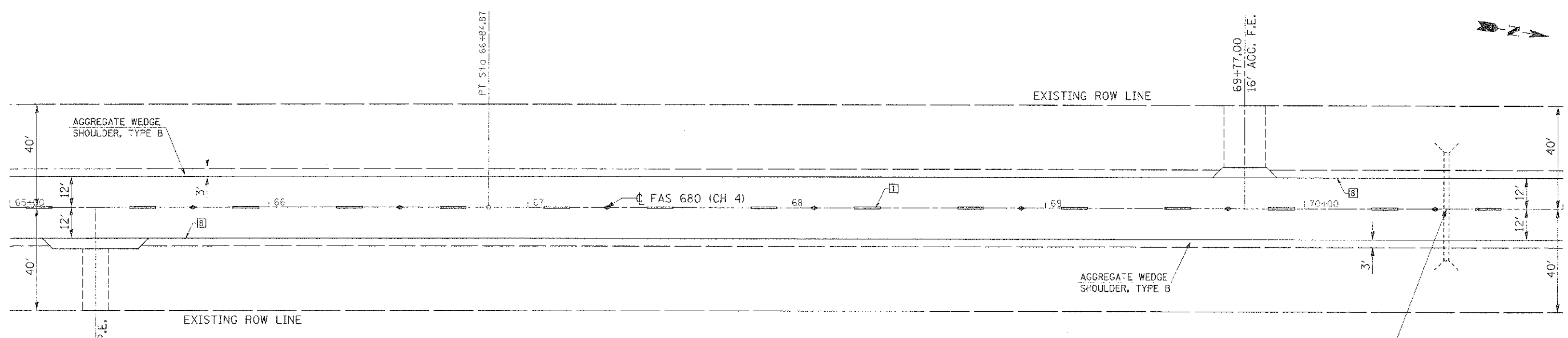
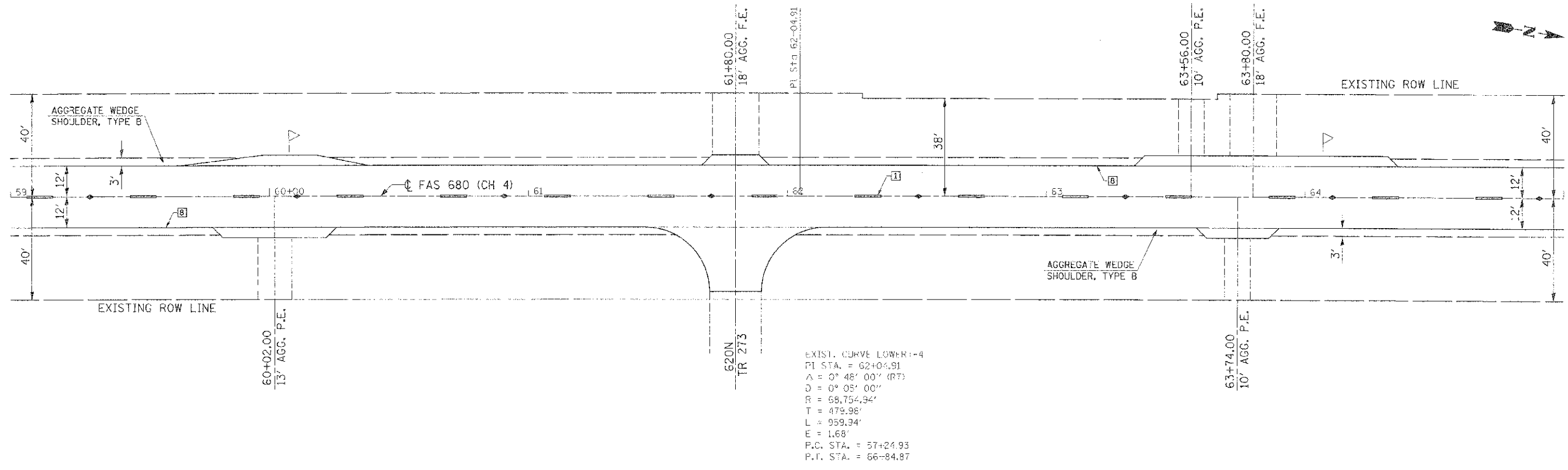
EXIST. CURVE LOWERT-4  
 P.I. STA. = 62+04.91  
 $\Delta = 0^\circ 48' 00''$  (RT)  
 $D = 0^\circ 05' 00''$   
 $R = 68,754.94'$   
 $T = 479.96'$   
 $L = 959.94'$   
 $E = 1.68'$   
 P.C. STA. = 57+24.93  
 P.T. STA. = 66+84.87

**PLAN**

DATE: \_\_\_\_\_  
 SCALE: 1" = 20'

**EDGAR COUNTY  
HIGHWAY DEPARTMENT**

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 680 (CH 4)	12-00111-00-RS	EDGAR	27	12
PROGRAM COUNTY, ILLINOIS			FED. AID PROJECT	
			CONTRACT NO. 91485	



EXIST. CURVE LOWER-4  
 PI STA. = 62-04.91  
 $\Delta$  = 0° 48' 00" (RT)  
 D = 0° 05' 00"  
 R = 68,754.94'  
 T = 479.98'  
 L = 959.94'  
 E = 1.68'  
 P.C. STA. = 57+24.93  
 P.T. STA. = 66+84.87

- TYPICAL PAVEMENT MARKING LEGEND**
- 1 4" (100) SKIP-DASH (YELLOW)
  - 2 4" (100) SOLID (YELLOW)
  - 3 12" (300) DIAGONAL (YELLOW)
  - 4 4" (100) DOUBLE YELLOW (NARROW)
  - 8 4" (100) SOLID (WHITE)

- TYPICAL PAVEMENT MARKERS LEGEND**
- ◆ TWO-WAY AMBER MARKER
  - ▶ ONE-WAY AMBER MARKER
  - ▷ ONE-WAY CRYSTAL MARKER

EXISTING 24"x42" CONC. PIPE CULVERT  
 A.R. STA. 70+55.00

**PLAN**  
 #DATEs  
 SCALE: 1" = 20'

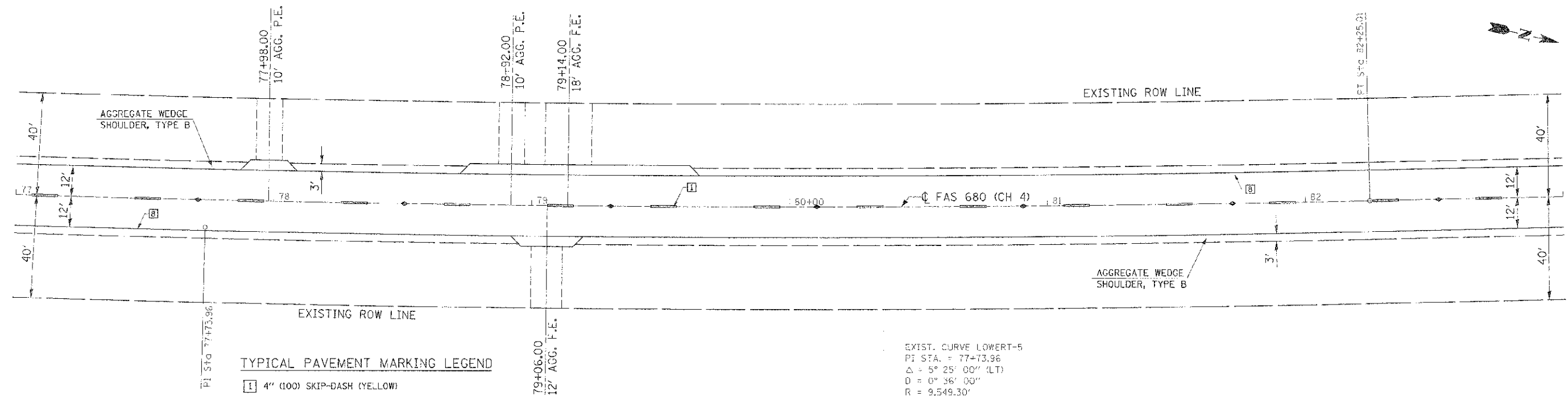
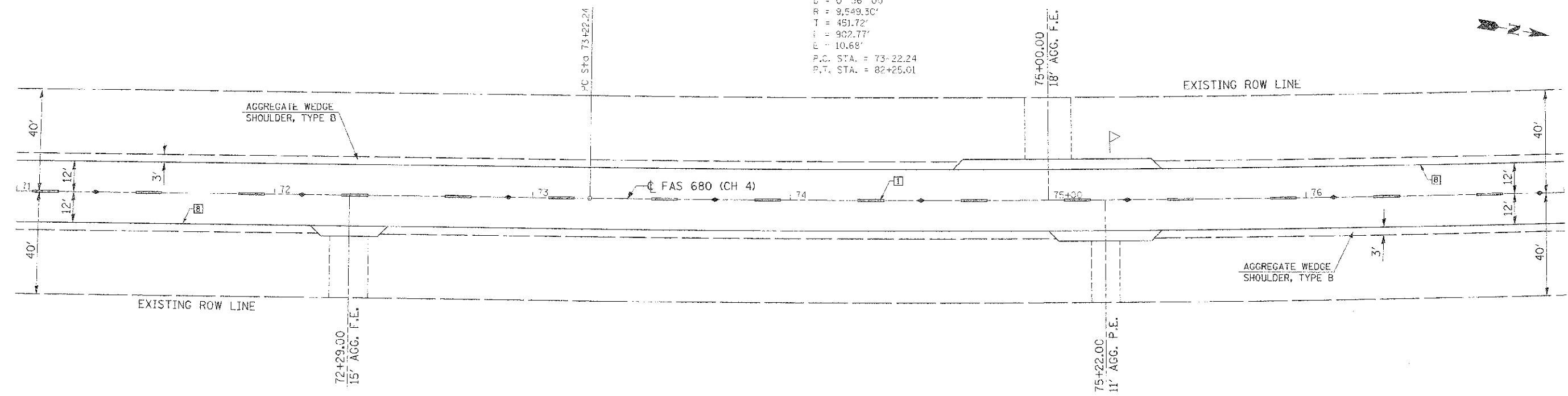
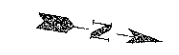


**EDGAR COUNTY  
 HIGHWAY DEPARTMENT**

FILE-9

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 680 (CH 4)	12-00111-00-RS	EDGAR	27	13
EDGAR COUNTY, ILLINOIS			CONTRACT NO. 91485	
			FED. AID PROJECT	

EXIST. CURVE LOWERT-5  
 PI STA. = 77+73.96  
 $\Delta = 5^\circ 25' 00''$  (LT)  
 $D = 0^\circ 36' 00''$   
 $R = 9,549.30'$   
 $T = 451.72'$   
 $L = 902.77'$   
 $E = 10.68'$   
 P.C. STA. = 73+22.24  
 P.T. STA. = 82+25.01



**TYPICAL PAVEMENT MARKING LEGEND**

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 8 4" (100) SOLID (WHITE)

**TYPICAL PAVEMENT MARKERS LEGEND**

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▽ ONE-WAY CRYSTAL MARKER

EXIST. CURVE LOWERT-5  
 PI STA. = 77+73.96  
 $\Delta = 5^\circ 25' 00''$  (LT)  
 $D = 0^\circ 36' 00''$   
 $R = 9,549.30'$   
 $T = 451.72'$   
 $L = 902.77'$   
 $E = 10.68'$   
 P.C. STA. = 73+22.24  
 P.T. STA. = 82+25.01

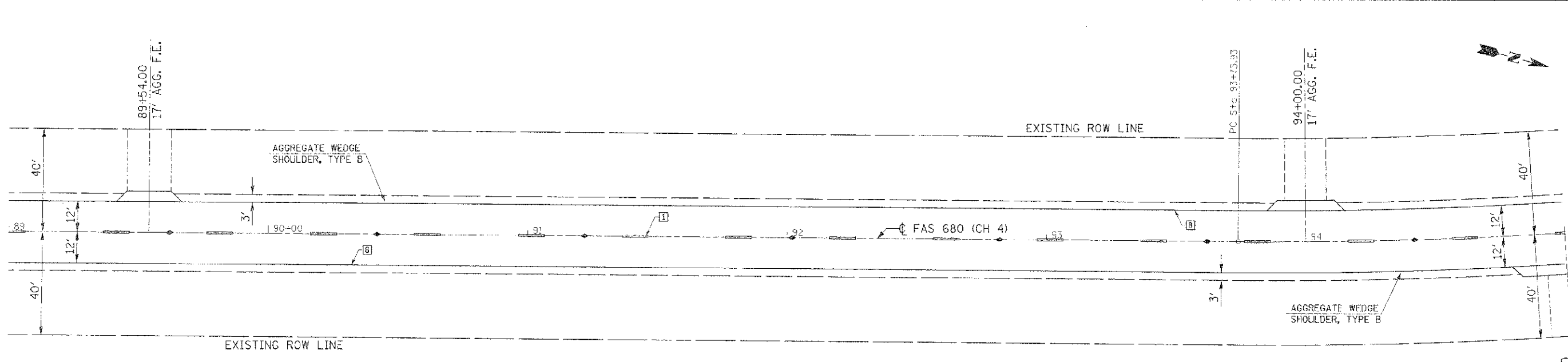
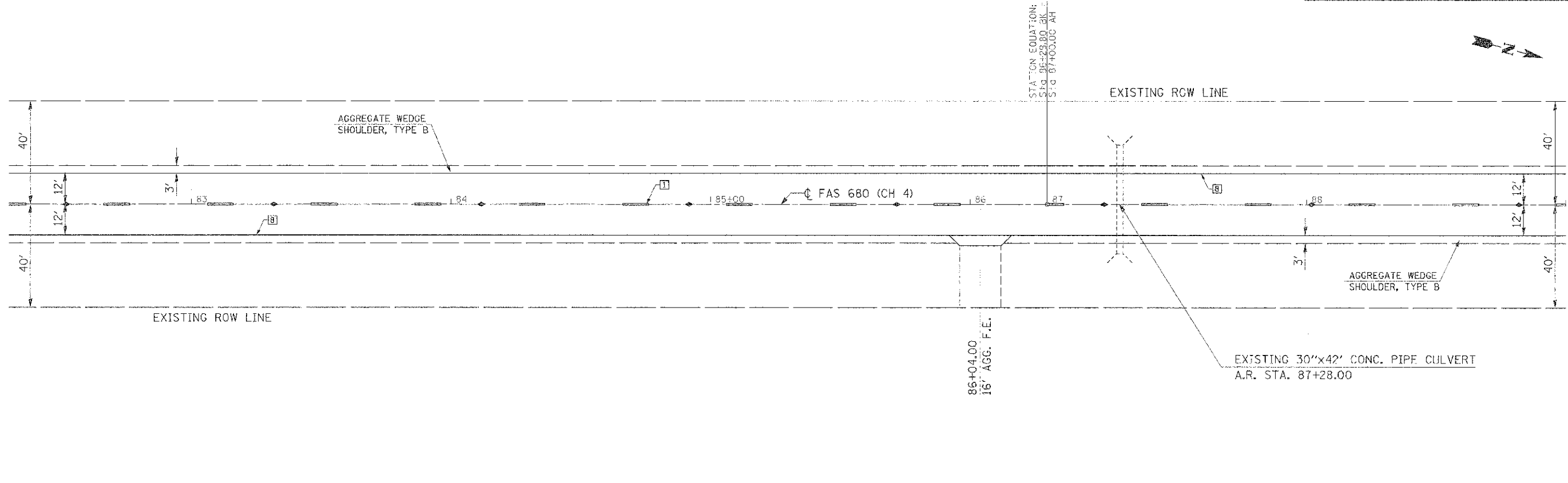
**PLAN**  
 SCALE: 1" = 20'



**EDGAR COUNTY  
 HIGHWAY DEPARTMENT**

FILELY

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 680 (CH 4)	12-00111-20-25	EDGAR	27	14
EDGAR COUNTY, ILLINOIS		CONTRACT NO. 91485		
		FED. AID PROJECT		



TYPICAL PAVEMENT MARKING LEGEND

- [1] 4" (100) SKIP-DASH (YELLOW)
- [2] 4" (100) SOLID (YELLOW)
- [3] 12" (300) DIAGONAL (YELLOW)
- [4] 4" (100) DOUBLE YELLOW (NARROW)
- [8] 4" (100) SOLID (WHITE)

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

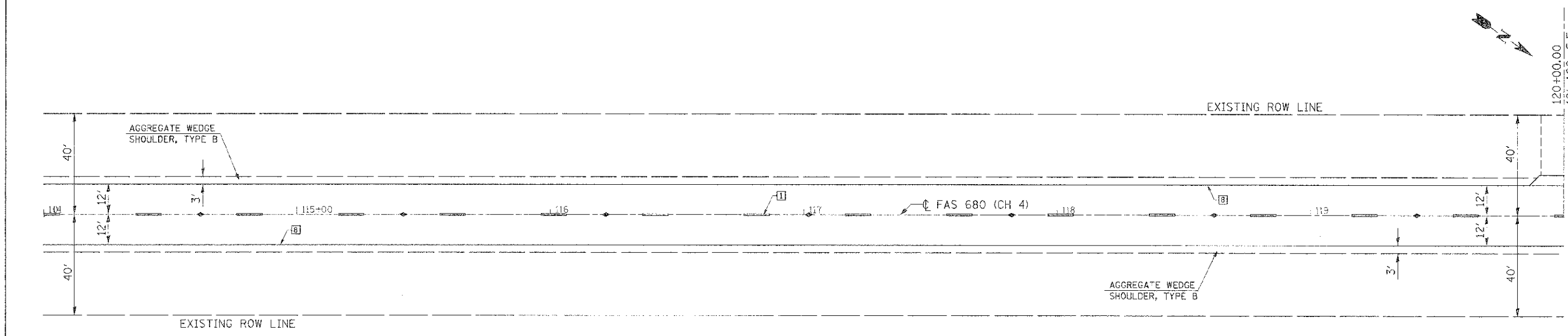
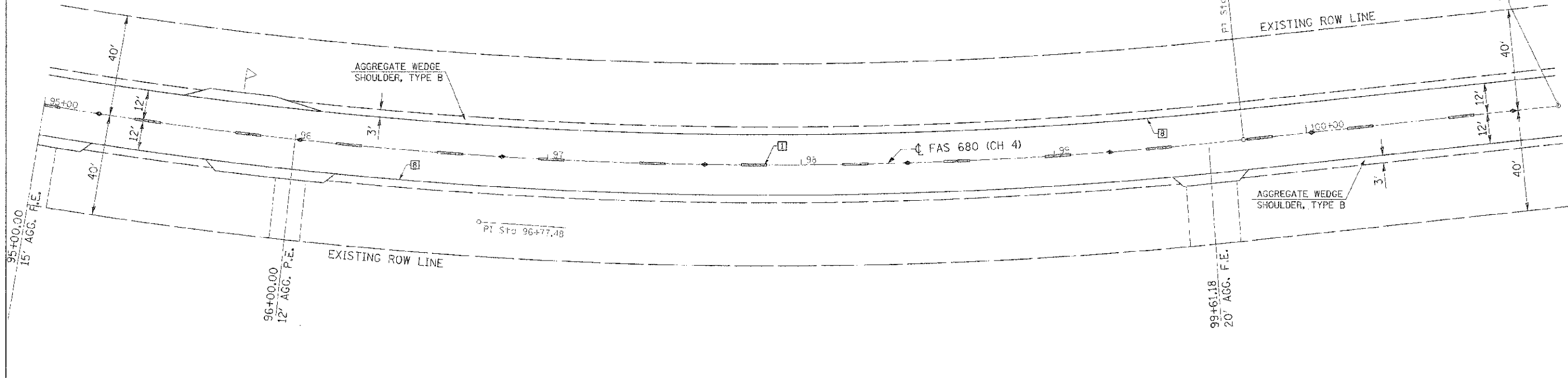
EXIST. CURVE LOWERT-6  
 PI STA. = 96+77.48  
 $\Delta = 15^\circ 50' 02''$  (LT)  
 $D = 3^\circ 18' 00''$   
 $R = 1,736.24'$   
 $T = 303.55'$   
 $L = 601.03'$   
 $E = 26.34'$   
 P.C. STA. = 93+73.93  
 P.T. STA. = 99+74.96

<b>PLAN</b>	 <b>EDGAR COUNTY HIGHWAY DEPARTMENT</b>
<small>DATE:</small> <small>SCALE: 1" = 20'</small>	

SHEET 14

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 680 (CH 4)	12-00111-00-RS	EDGAR	27	15
EDGAR COUNTY, ILLINOIS			FED. AID PROJECT	
CONTRACT NO. 91485				

EXIST. CURVE LOWERT-G  
 PI STA. = 96+77.48  
 $\Delta = 19^\circ 50' 02''$  (LT)  
 $D = 3^\circ 18' 00''$   
 $R = 1,736.24'$   
 $T = 303.55'$   
 $L = 601.03'$   
 $E = 26.34'$   
 P.C. STA. = 95+73.93  
 P.T. STA. = 99+74.96



TYPICAL PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 4" (100) SOLID (WHITE)

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

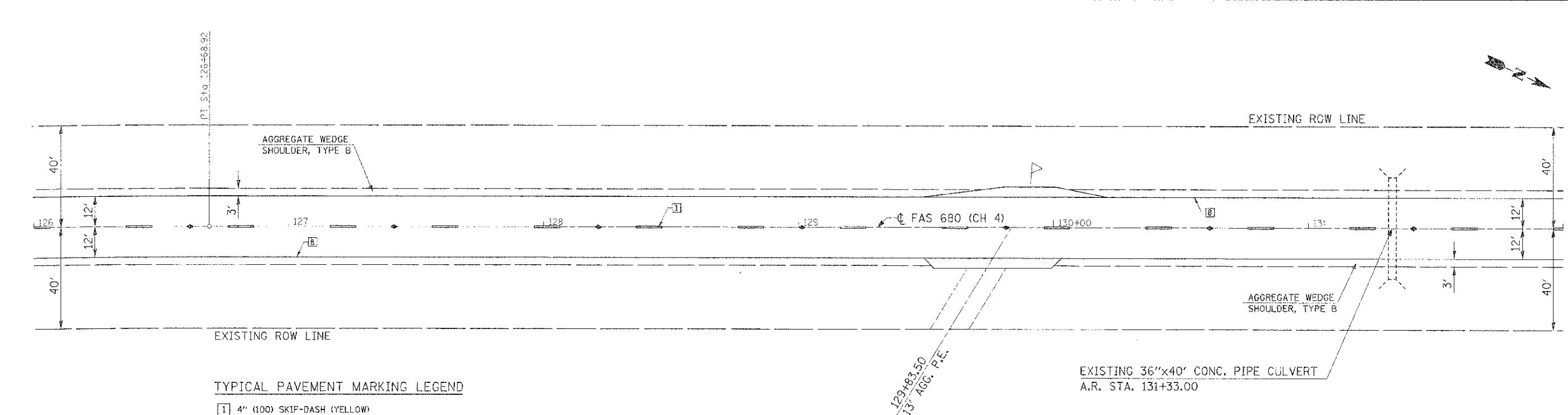
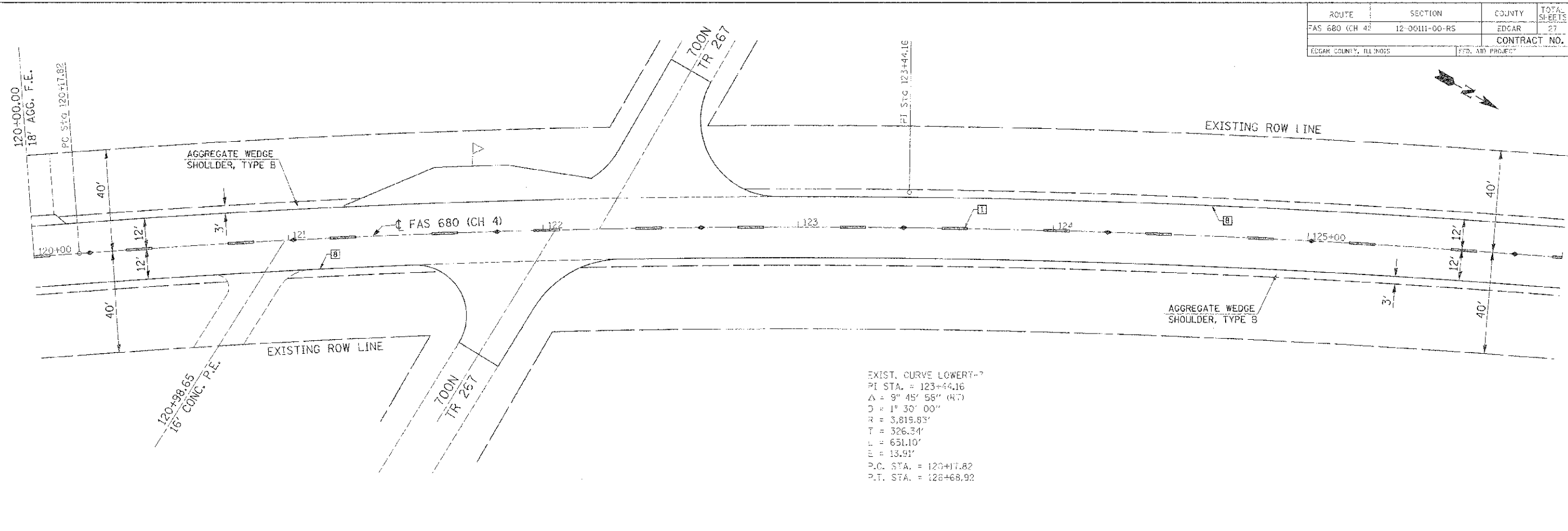
PLAN  
 DATES  
 SCALE: 1" = 20'



EDGAR COUNTY  
 HIGHWAY DEPARTMENT

87-111-1-0

ROUTE	SECTION	COJNTY	TOTAL SHEETS	SHEET NO.
FAS 680 (CH 4)	12-00111-00-RS	EDGAR	27	18
EDGAR COUNTY, ILLINOIS			CONTRACT NO. 91485	
			ETD. AND PROJECT	



**TYPICAL PAVEMENT MARKING LEGEND**

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 8 4" (100) SOLID (WHITE)

**TYPICAL PAVEMENT MARKERS LEGEND**

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

**PLAN**  
 504726  
 SCALE: 1" = 20'

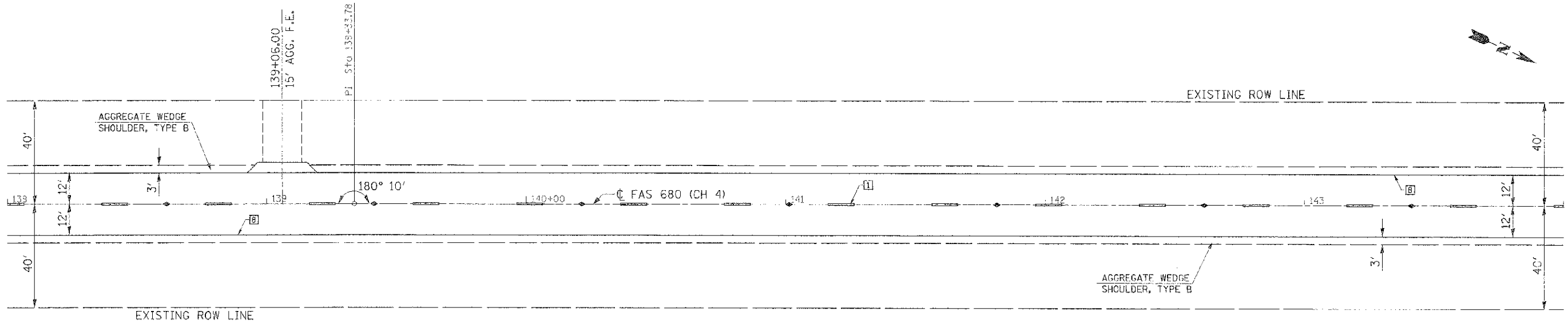
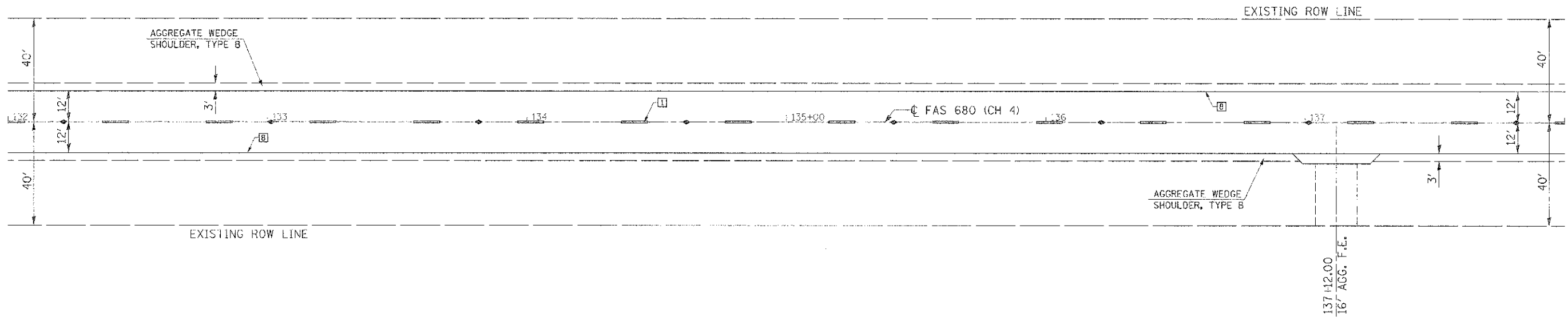


**EDGAR COUNTY  
 HIGHWAY DEPARTMENT**

8" X 11" (11)



ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 680 (CH 4)	17-00111-CO-RS	EDGAR	27	17
EDGAR COUNTY, ILLINOIS			FED. AID PROJECT	
CONTRACT NO. 91485				



**TYPICAL PAVEMENT MARKING LEGEND**

- [1] 4" (100) SKIP-DASH (YELLOW)
- [2] 4" (100) SOLID (YELLOW)
- [3] 12" (300) DIAGONAL (YELLOW)
- [4] 4" (100) DOUBLE YELLOW (NARROW)
- [8] 4" (100) SOLID (WHITE)

**TYPICAL PAVEMENT MARKERS LEGEND**

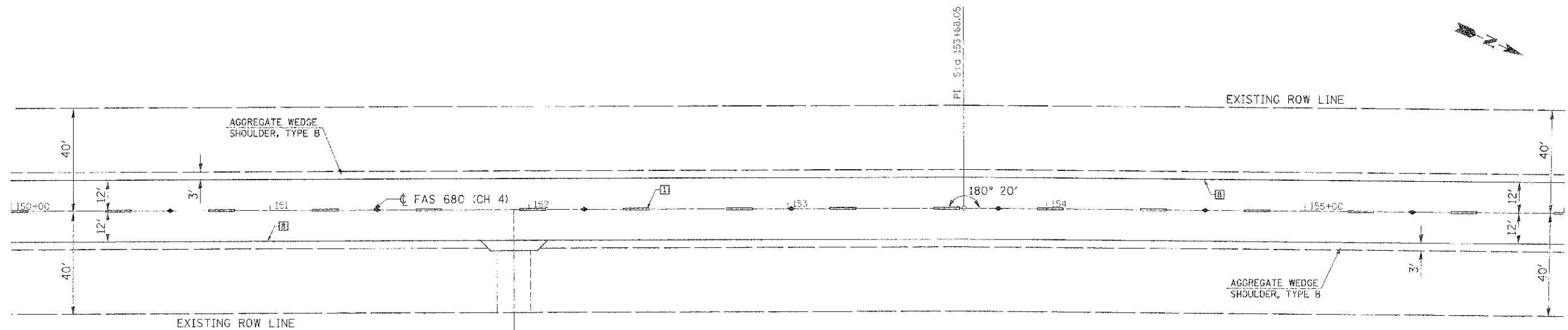
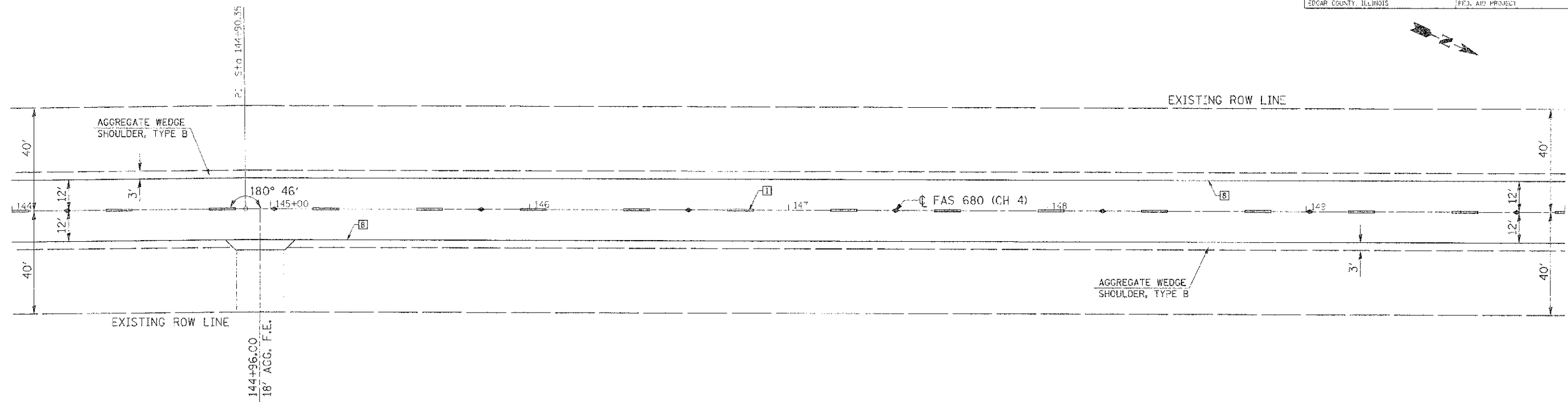
- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

**PLAN**  
 DATE:  
 SCALE: 1" = 20'



**EDGAR COUNTY  
 HIGHWAY DEPARTMENT**

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 680 (CH 4)	12-00:11 00-RS	EDGAR	27	18
EDGAR COUNTY, ILLINOIS			CONTRACT NO. 91-85	
(FED. AID PROJECT)				



151+94.16  
13' AGG. F.E.

TYPICAL PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- B 4" (100) SOLID (WHITE)

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

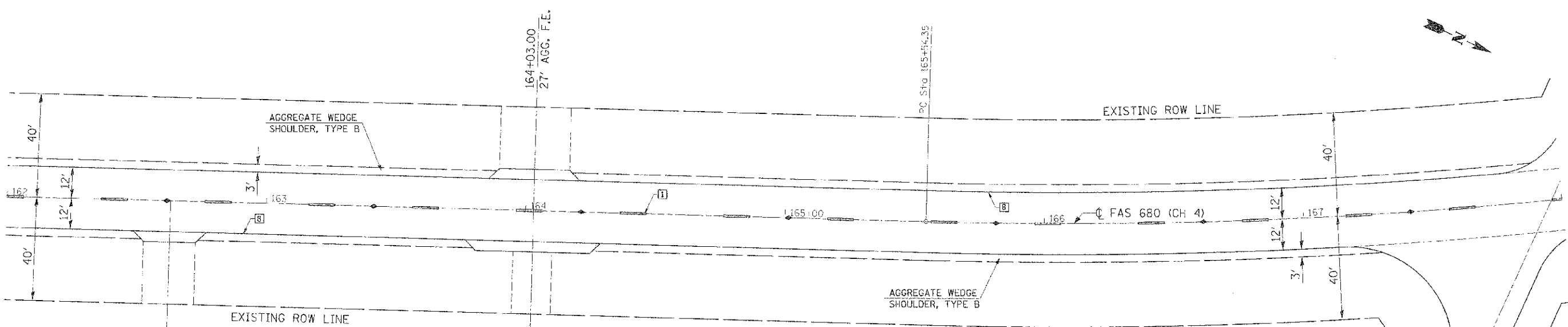
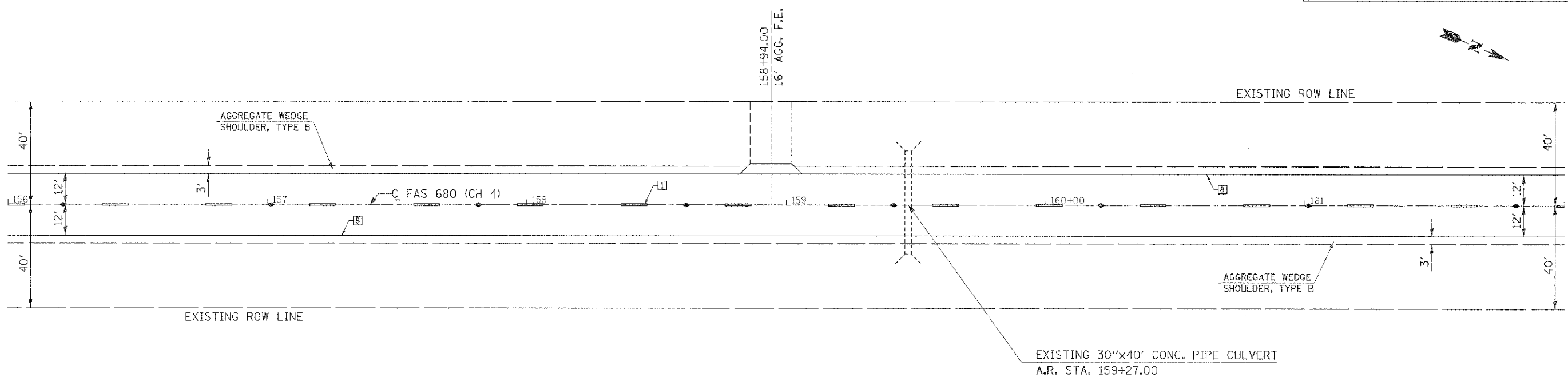
**PLAN**  
 DATES  
 SCALE: 1" = 20'



**EDGAR COUNTY  
 HIGHWAY DEPARTMENT**

91-85

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 680 (CH 4)	12-0011-00-RS	EDGAR	27	19
EDGAR COUNTY, ILLINOIS			CONTRACT NO. 91485	
FED. AID PROJECT				



**TYPICAL PAVEMENT MARKING LEGEND**

- [1] 4" (100) SKIP-DASH (YELLOW)
- [2] 4" (100) SOLID (YELLOW)
- [3] 12" (300) DIAGONAL (YELLOW)
- [4] 4" (100) DOUBLE YELLOW (NARROW)
- [8] 4" (100) SOLID (WHITE)

**TYPICAL PAVEMENT MARKERS LEGEND**

- ◆ TWO-WAY AMBER MARKER
- ▼ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

EXIST. CURVE LOWER 7-8  
 P: STA. = 168+60.58  
 $\Delta = 18^\circ 13' 00''$  (L.T.)  
 $D = 2^\circ 59' 59''$   
 $R = 1,910.03'$   
 $T = 306.23'$   
 $L = 607.29'$   
 $E = 24.33'$   
 P.C. STA. = 165+54.35  
 P.T. STA. = 171+61.64

**PLAN**

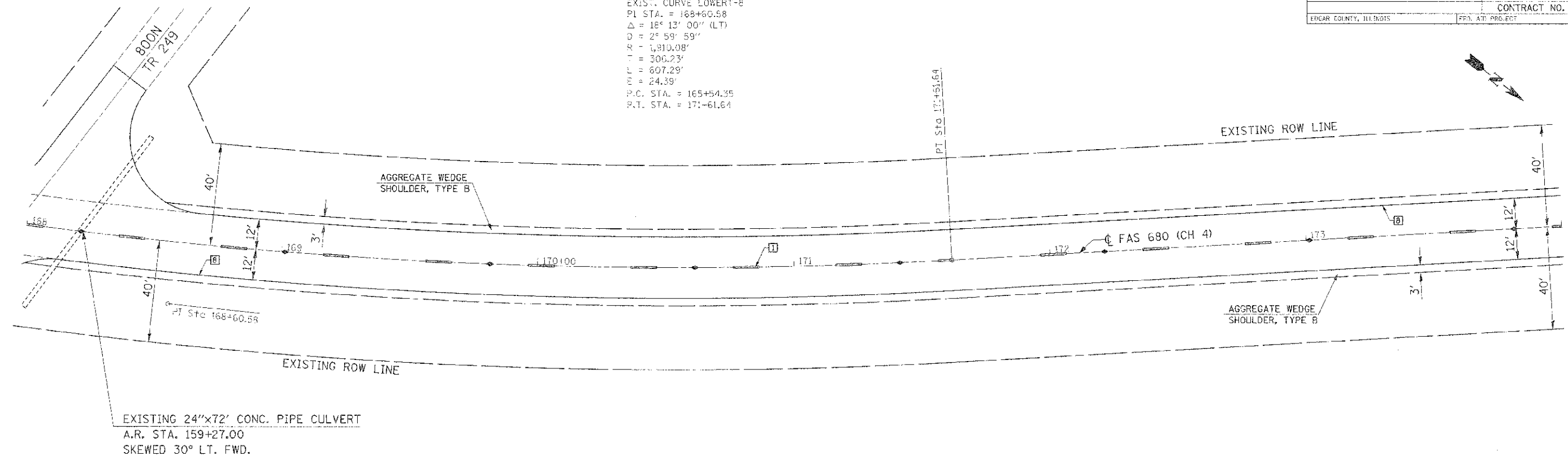
SCALE: 1" = 20'

**EDGAR COUNTY HIGHWAY DEPARTMENT**

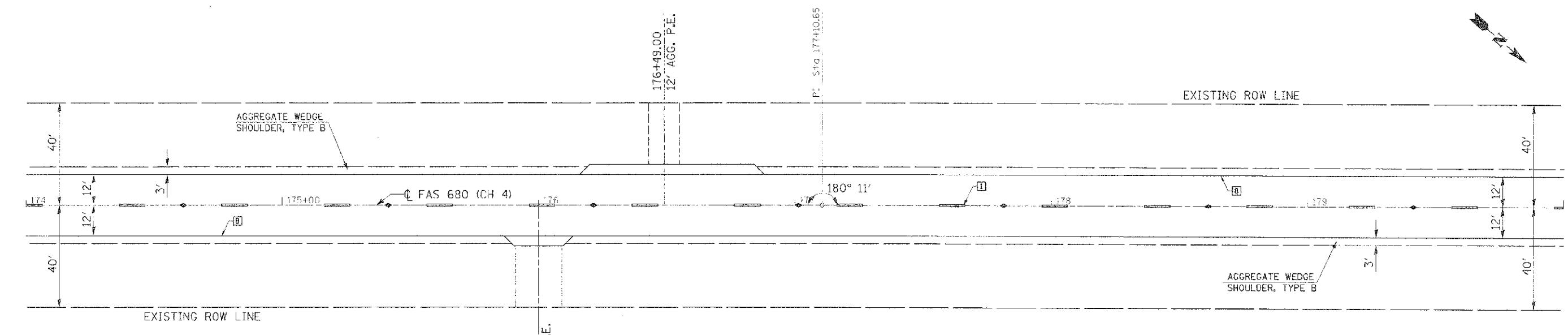
9/11/19

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 680 (CH 4)	12-00111-00-RS	EDGAR	27	20
EDGAR COUNTY, ILLINOIS			CONTRACT NO. 91485	
			FED. AID PROJ. ECT	

EXIST. CURVE LOWERT-8  
 P.I. STA. = 168+60.58  
 $\Delta = 18^\circ 13' 00''$  (LT)  
 $D = 2^\circ 59' 59''$   
 $R = 1,810.08'$   
 $T = 300.23'$   
 $L = 607.29'$   
 $E = 24.39'$   
 P.C. STA. = 165+54.35  
 P.T. STA. = 171+61.64



EXISTING 24"x72' CONC. PIPE CULVERT  
 A.R. STA. 159+27.00  
 SKEWED 30° LT. FWD.



176+00.00  
 18' AGG. F.I.E.

TYPICAL PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 8 4" (100) SOLID (WHITE)

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

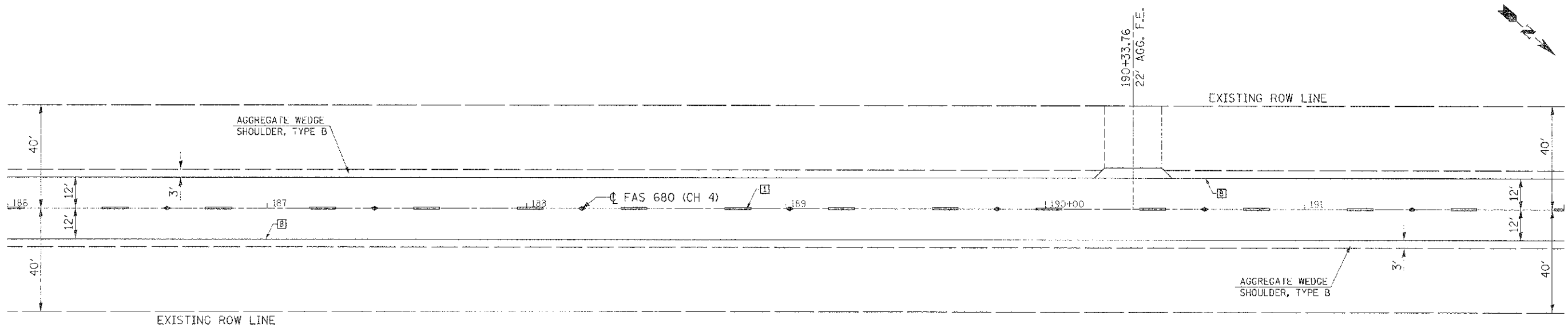
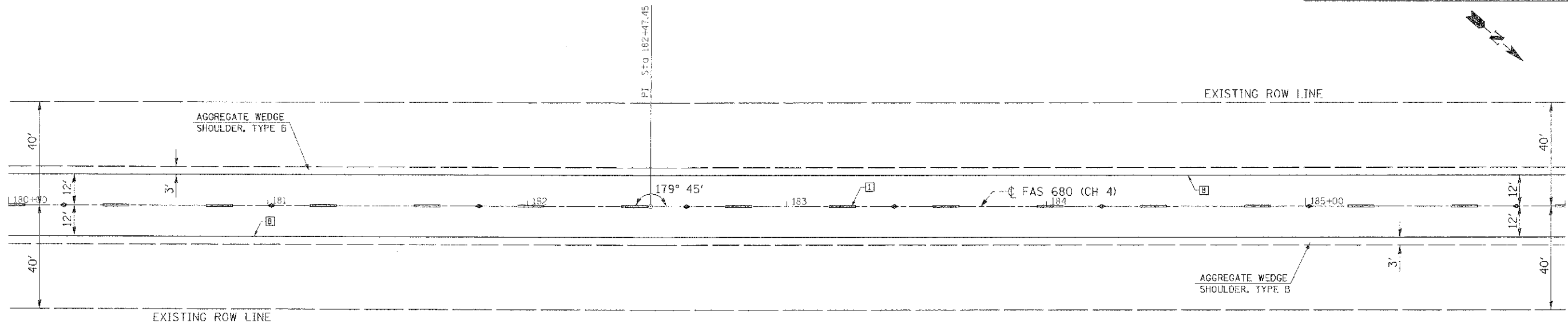
PLAN  
 #JALS  
 SCALE: 1" = 20'



EDGAR COUNTY  
 HIGHWAY DEPARTMENT

FILE 9

ROUTE	SECTION	COUNTY	TOTAL SHEET
FAS 680 (CH 4)	12-COLL-OGRS	EDGAR	27
		EDGAR COUNTY, ILLINOIS	FED. AID PROJECT
			CONTRACT NO. 91-85



**TYPICAL PAVEMENT MARKING LEGEND**

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 8 4" (100) SOLID (WHITE)

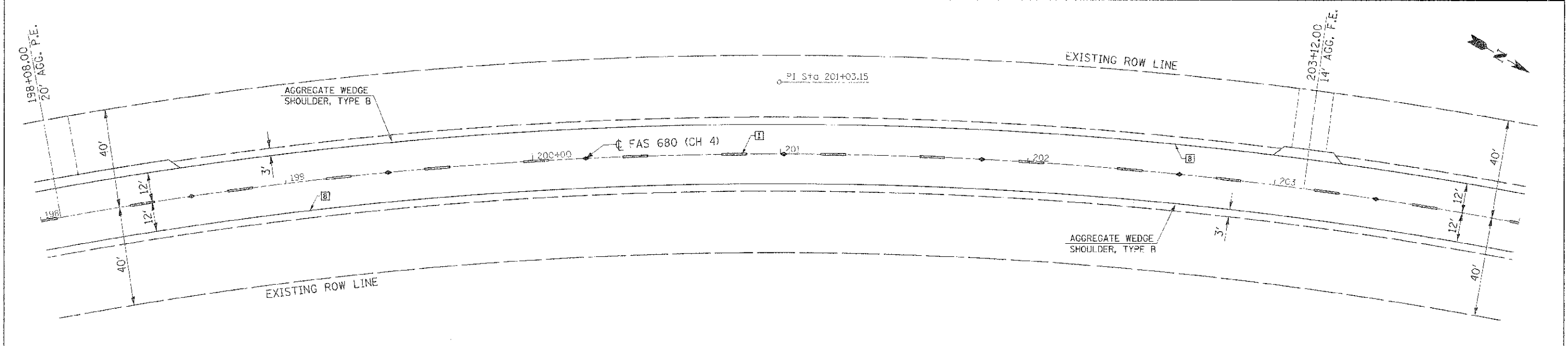
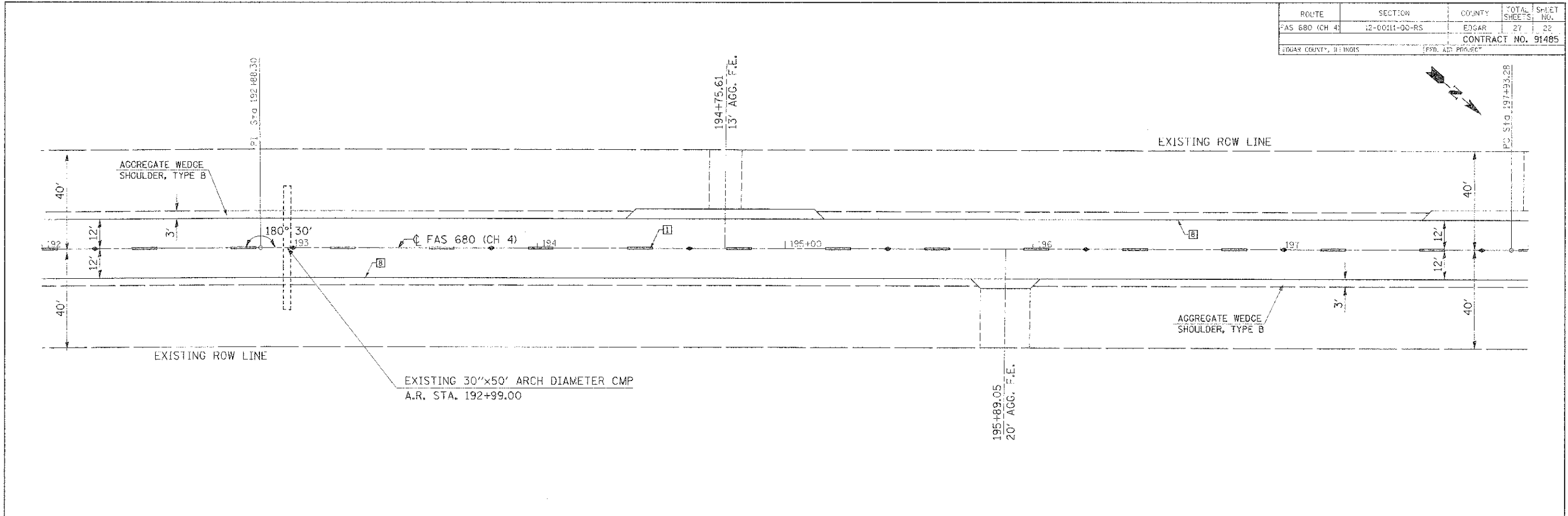
**TYPICAL PAVEMENT MARKERS LEGEND**

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

PLAN DATE: SCALE: 1" = 20'		<b>EDGAR COUNTY HIGHWAY DEPARTMENT</b>

FILE 6

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 680 (CH 4)	12-0011-00-RS	EDGAR	27	22
EDGAR COUNTY, ILLINOIS			CONTRACT NO. 91485	



EXIST. CURVE LOWERT-9  
 P.I. STA. = 201+03.15  
 $\Delta = 21^\circ 26' 02''$  (RT)  
 $\theta = 3^\circ 29' 58''$   
 $R = 1,637.28'$   
 $f = 308.87'$   
 $L = 612.50'$   
 $E = 29.05'$   
 P.O. STA. = 197+93.28  
 P.T. STA. = 204+05.78

**TYPICAL PAVEMENT MARKING LEGEND**

- [1] 4" (100) SKIP-DASH (YELLOW)
- [2] 4" (100) SOLID (YELLOW)
- [3] 12" (300) DIAGONAL (YELLOW)
- [4] 4" (100) DOUBLE YELLOW (NARROW)
- [8] 4" (100) SOLID (WHITE)

**TYPICAL PAVEMENT MARKERS LEGEND**

- ◆ TWO-WAY AMBER MARKER
- ▼ ONE-WAY AMBER MARKER
- ▽ ONE-WAY CRYSTAL MARKER

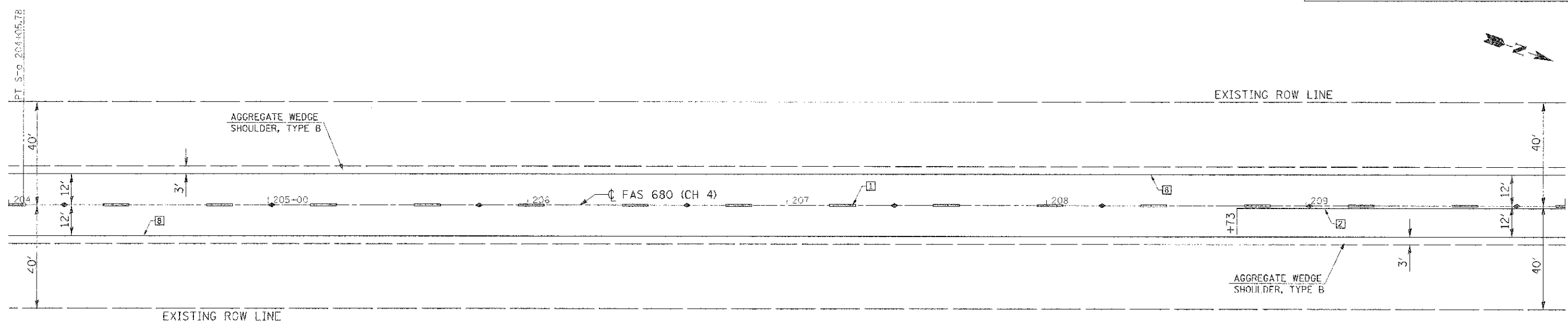
**PLAN**  
 #DATE#  
 SCALE: 1" = 20'



**EDGAR COUNTY  
 HIGHWAY DEPARTMENT**

FILE-9

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 680 (CH 4)	12-00111-00-RS	EDGAR	27	23
EDGAR COUNTY, ILLINOIS			CONTRACT NO. 91485	
			FED. AID PROJECT	

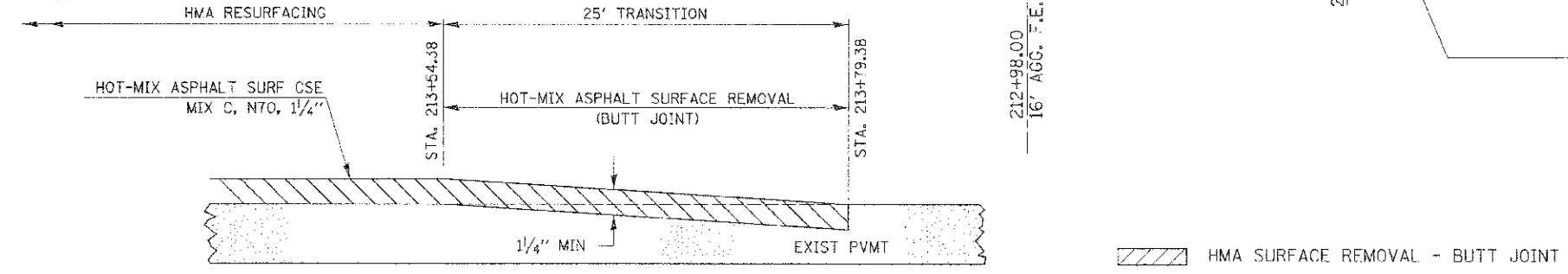
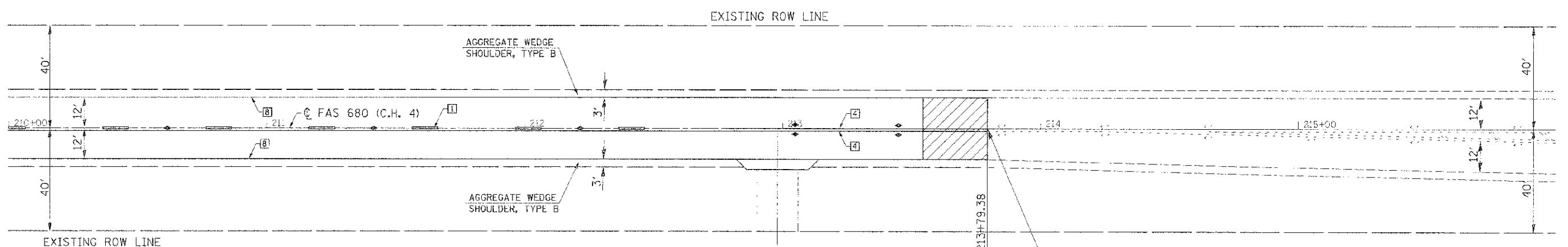


**TYPICAL PAVEMENT MARKING LEGEND**

- [1] 4" (000) SKIP-DASH (YELLOW)
- [2] 4" (100) SOLID (YELLOW)
- [3] 12" (300) DIAGONAL (YELLOW)
- [4] 4" (100) DOUBLE YELLOW (NARROW)
- [8] 4" (100) SOLID (WHITE)

**TYPICAL PAVEMENT MARKERS LEGEND**

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER



**BUTT JOINT DETAIL**

SECTION 12-00111-00-RS  
PROJECT RS-0680 (110)  
ENDS STATION 213+79.38

▨ HMA SURFACE REMOVAL - BUTT JOINT

**PLAN**  
DATES  
SCALE: 1" = 20'

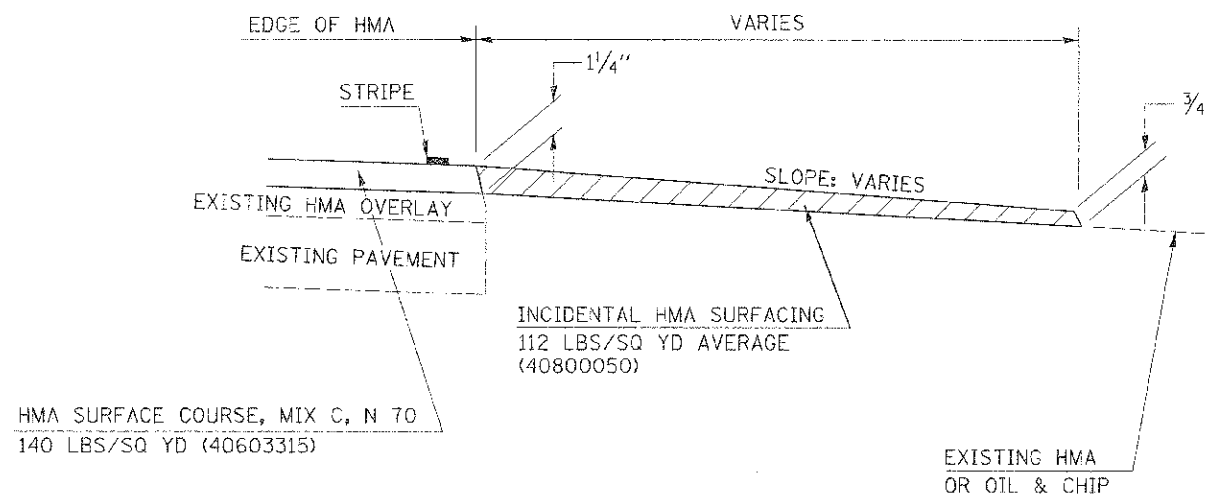


**EDGAR COUNTY  
HIGHWAY DEPARTMENT**

4FILES3

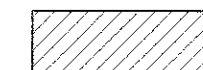
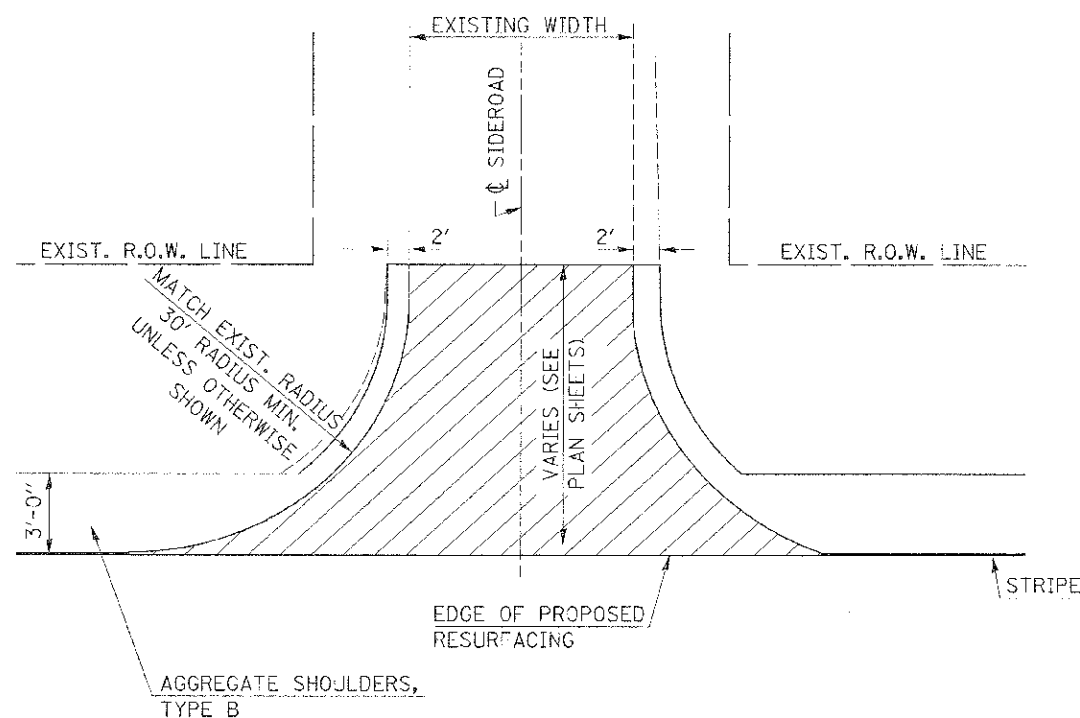
# SIDEROAD RESURFACING DETAILS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 680 (CH 4)	12-0011-00-RS	EDGAR	27	24
EDGAR COUNTY, ILLINOIS			CONTRACT NO. 91485	
			FED. AID PROJECT	



## GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS
2. PROPOSED SIDEROAD GRADES SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
3. ALL SIDEROADS/SIDESTREETS SHALL HAVE "FEATHEREDGE RUNDOWNS" CONSTRUCTED.
4. AGGREGATE SHOULDERS, TYPE B WILL BE WRAPPED AROUND THE SIDEROAD RETURNS. WIDTH OF SHOULDER SHALL BE 2'.



INCIDENTAL HOT-MIX-ASPHALT SURFACING

DATE: NONE  
SCALE: NONE

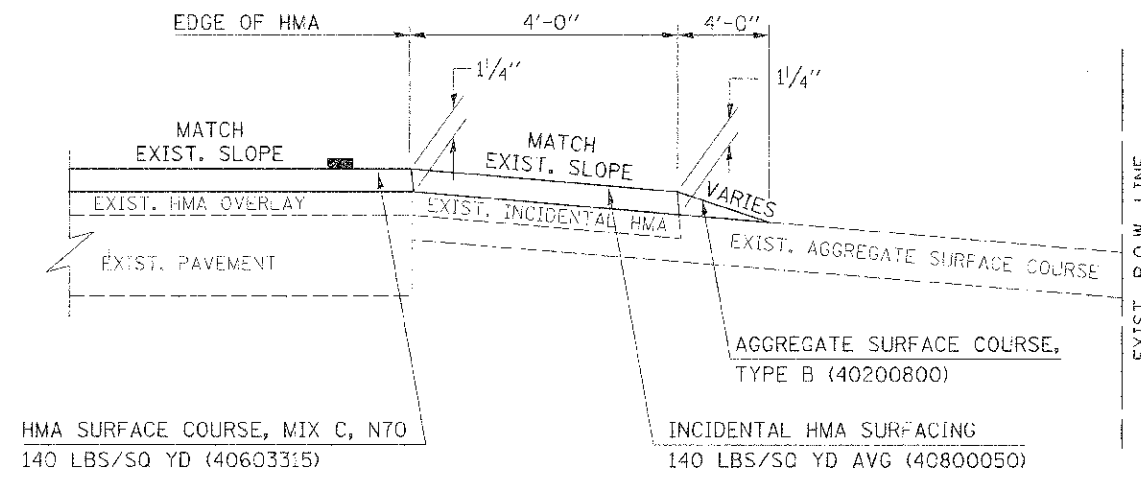


EDGAR COUNTY  
HIGHWAY DEPARTMENT

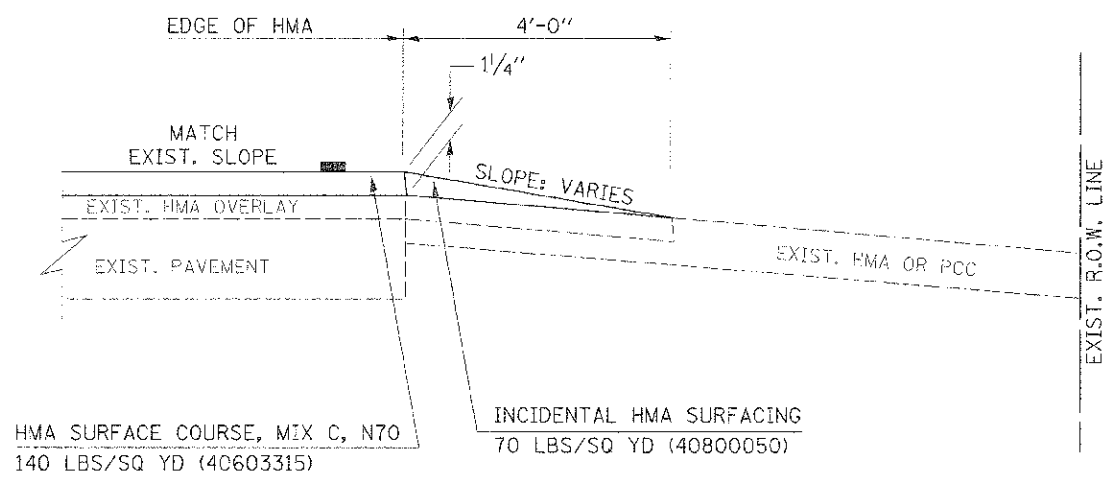


# ENTRANCE DETAILS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 680 (CH 4)	12-00,11-00+RS	EDGAR	27	26
EDGAR COUNTY, ILLINOIS			CONTRACT NO. 91-85	
FED. AID PROJECT				



EXISTING AGGREGATE ENTRANCE

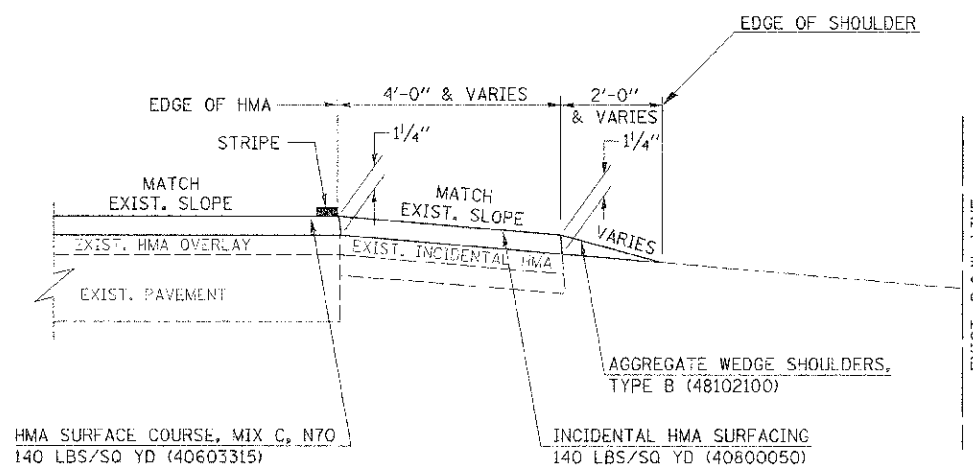
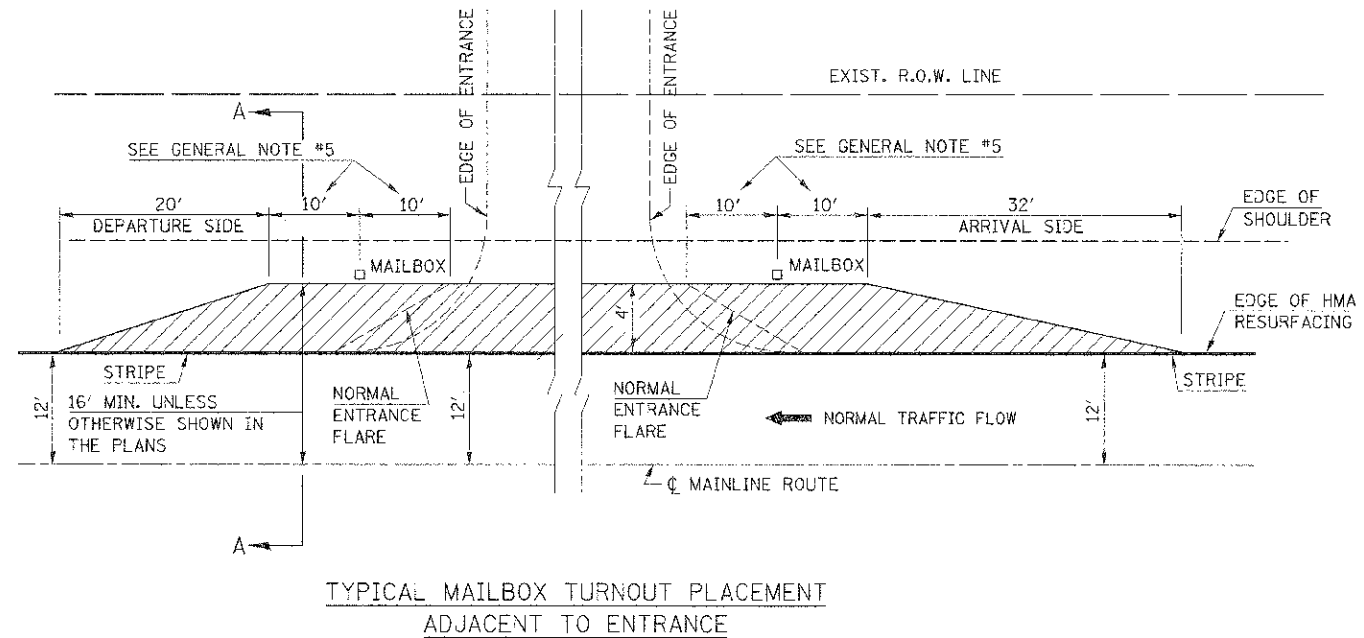
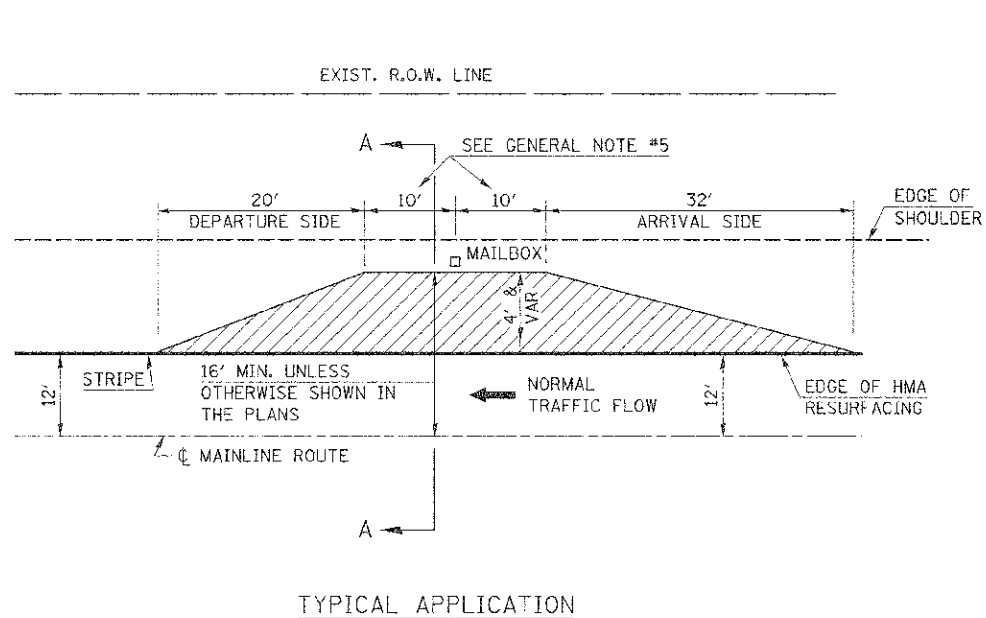


EXISTING HMA OR PCC ENTRANCE

FILES

# MAILBOX TURNOUT DETAILS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 680 (CH 4)	12-00111-00-RS	EDGAR	27	26
EDGAR COUNTY, ILLINOIS			CONTRACT NO. 91485	
			PFD. AND PROJECT	



## GENERAL NOTES

1. THE TEMPORARY RELOCATION OF EXISTING MAILBOXES SHALL BE IN ACCORDANCE WITH ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS.
2. WHEN MORE THAN ONE MAILBOX IS INCLUDED IN A PARTICULAR LOCATION THE TWO 10' DIMENSIONS AS SHOWN ABOVE SHALL BE FROM THE END MAILBOX.
3. CROSS SLOPE SHALL BE AS SHOWN ON THE STATION CROSS SECTIONS AND/OR AS DIRECTED BY THE ENGINEER.  
MINIMUM 4% (1/2"/') DESIRABLE; MAXIMUM 8% (1"/')
4. 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.
5. THE TOTAL SHOULDER WIDTH, (4') 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').
6. 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.

#DATE:  
SCALE: NONE

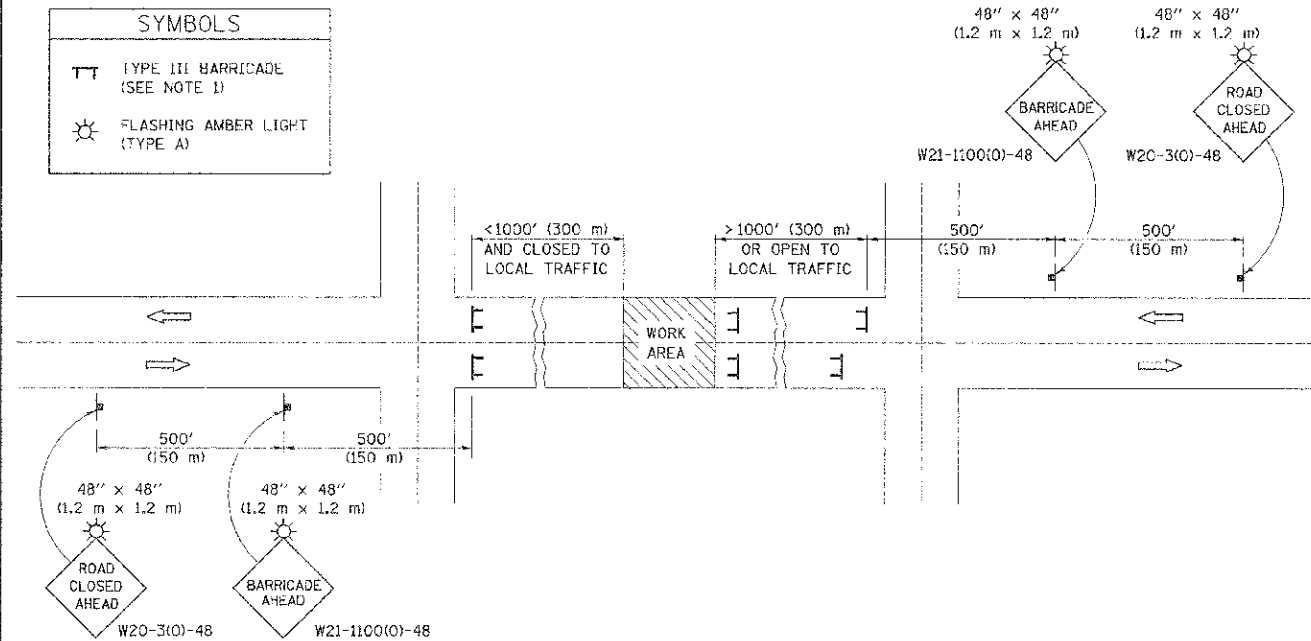


**EDGAR COUNTY  
HIGHWAY DEPARTMENT**

# TRAFFIC CONTROL FOR SIDEROADS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FA 68C (CH 4)	12-0011-00-RS	EDGAR	27	27
EDGAR COUNTY, ILLINOIS			CONTRACT NO. 91485	
FED. AID PROJECT				

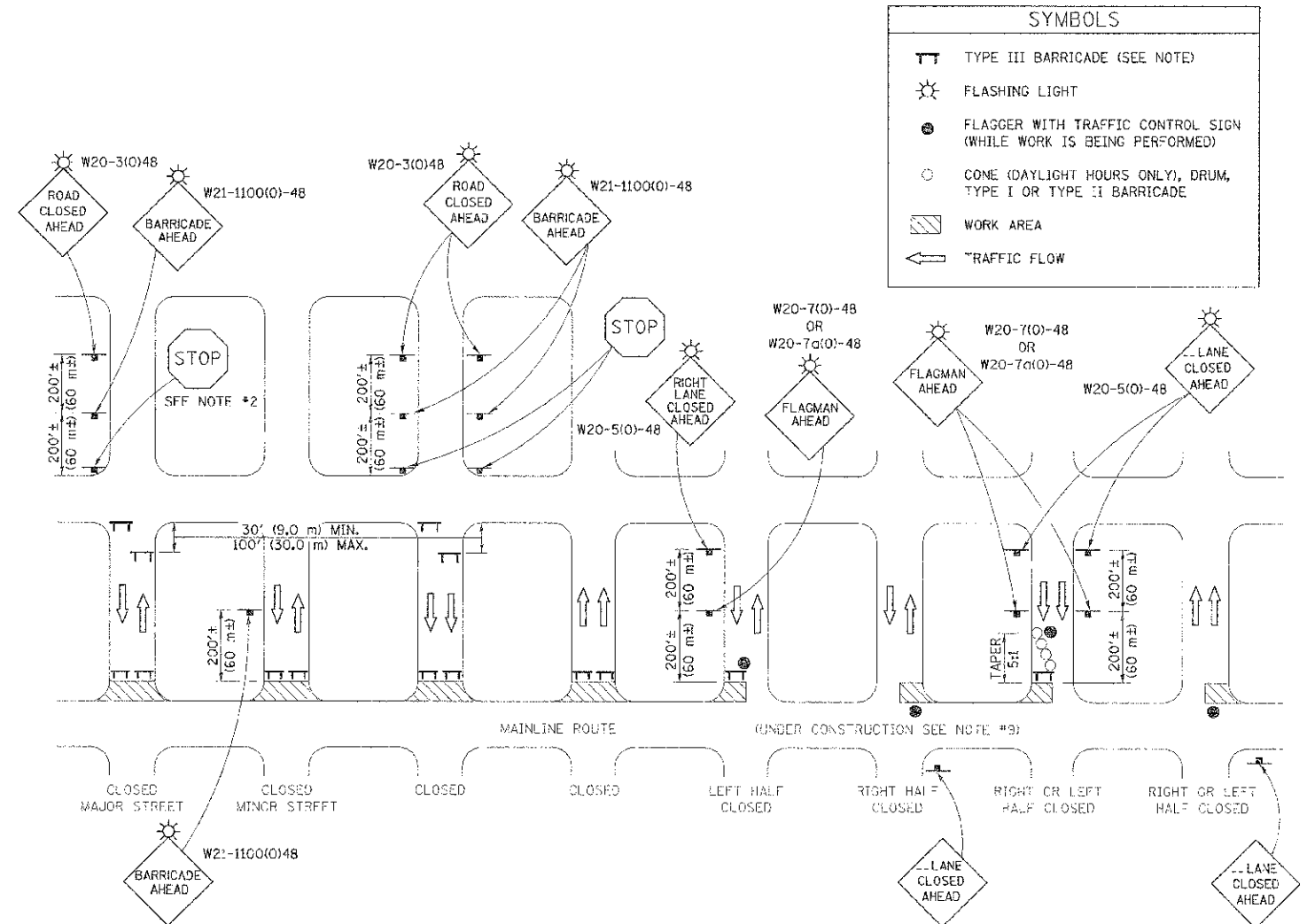
## ROAD CLOSURE



### GENERAL NOTES

- TYPE III BARRICADES SHALL BE AS SHOWN ON STANDARD 701901 "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
- IF THE ROAD IS OPEN TO LOCAL TRAFFIC OR EXCEEDS 1000' (300 m), ANOTHER SET OF TYPE III BARRICADES, EQUIPPED AS IN NOTE 1 ABOVE, SHALL BE PLACED AT EACH END OF THE WORK AREA.
- WHEN A STOP CONDITION EXISTS, NO SIGNS ARE REQUIRED IN ADVANCE OF THE "STOP" SIGN WHEN THE ROAD IS CLOSED WITHIN 100' (30 m) OF THE INTERSECTION.
- STANDARD 701901 SHALL APPLY FOR THE PLACEMENT & DESIGN OF TYPE III BARRICADES.
- IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON AN NCHRP 350 TEMPORARY SIGN SUPPORT DIRECTLY IN FRONT OF THE BARRICADE.
- REFLECTORIZED STRIPING SHALL APPEAR ON BOTH SIDES OF THE TYPE III BARRICADES IF ROAD IS OPEN TO LOCAL TRAFFIC.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- A MINIMUM OF TWO FLASHING LIGHTS SHALL BE USED AT NIGHT ON EACH APPROACH IN ADVANCE OF THE WORK AREA. FLASHING LIGHTS SHALL BE INSTALLED ABOVE THE FIRST TWO SIGNS IN THE SERIES.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- FORMS BT. 725 AND BT. 726 ARE REQUIRED.
- WHEN A SIDEROAD INTERSECTS THE HIGHWAY ON WHICH WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC DEVICES SHALL BE ERECTED AND PROVIDED AS DIRECTED BY THE ENGINEER.
- AN ADDITIONAL SIGN MAY BE REQUIRED AT A MAJOR INTERSECTING ROAD IN ADVANCE OF THE CLOSURE. THE ADDITIONAL SIGN SHALL GIVE THE DISTANCE TO THE BARRICADE IN MILES OR FRACTIONS OF A MILE.

## SIDEROAD / STREET CLOSURE



### 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 FLAGGERS REQUIRED AT SIDE ROADS AND ENTRANCES REMAINING OPEN TO TRAFFIC AND/OR ADDITIONAL BARRICADES REQUIRED BY THE ENGINEER TO CLOSE SIDE ROADS AND ENTRANCES WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.

DATE: NONE  
SCALE: NONE



EDGAR COUNTY  
HIGHWAY DEPARTMENT