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ILLINOIS HIGHWAY STANDARD DRAWINGS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS & PATTERNS
001006	DECIMALS OF AN INCH AND OF A FOOT
701006-05	OFF-ROAD OPERATIONS, 2-LANE, 2-WAY, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2-LANE, 2-WAY, DAYTIME ONLY
701301-04	LANE CLOSURE, 2-LANE, 2-WAY, SHORT TIME OPERATIONS
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
701901-03	TRAFFIC CONTROL DEVICES
780001-04	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS OF RAISED REFLECTIVE PAVEMENT MARKERS

STRUCTURAL DESIGN TRAFFIC	YEAR 2020
PV = 2,332 (95.2%)	SU = 93 (3.8%) MU = 25 (1.0%)
ROAD/STREET CLASSIFICATION	CLASS II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE	
P = 55%	S = 55% M = 55%
TRAFFIC FACTOR	Actual TF = 0.269 AC Type = PG 64-22
	Minimum TF = 0.5
PG GRADE:	Surface = 64-22



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

CONTRACT NO. 91496

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS
**PROPOSED
HIGHWAY PLANS**

FAS ROUTE 684 & FAU 7560
SECTION 10-00103-03-RS
PROJECT RS-0045 (050)
HMA RESURFACING
EDGAR COUNTY
FUNDING TYPE STR, & TARP
C-95-333-13

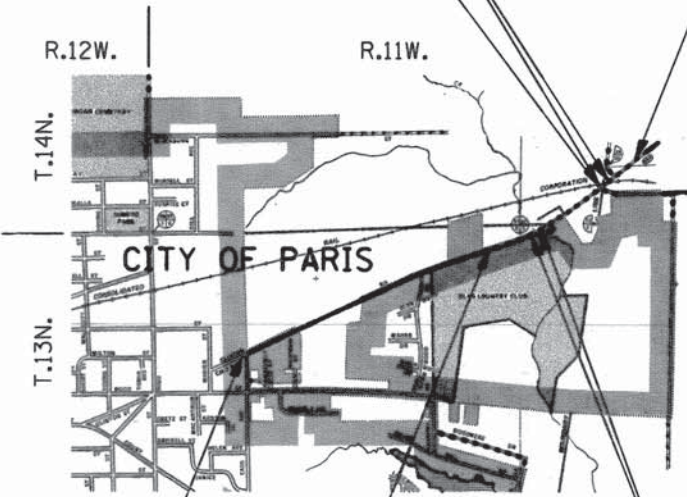
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 & FAU 7560	10-00103-03-RS	EDGAR	45	1
		ILLINOIS	CONTRACT NO. 91496	



LOCATION OF SECTION INDICATED THUS: -

OMISSION FROM RESURFACING
STATION 120+46.79 TO
STATION 120+67.83
FAU 7560 ENDS, FAS 684 BEGINS
STATION 119+49.73

SECTION 10-00103-03-RS
PROJECT RS-0045 (050)
ENDS STATION 127+48



SECTION 10-00103-03-RS
PROJECT RS-0045 (050)
BEGINS STATION 9+34.02

OMISSION FROM RESURFACING
STATION 108+15.79 TO
STATION 109+84.21

STATION EQUATION:
STATION 46+85.99 (BACK) =
STATION 100+46.00 (AHEAD)

GROSS LENGTH = 6,453.97 FT. = 1.222 MILE
NET LENGTH = 6,285.55 FT. = 1.190 MILE



AARON M. LAWSON
PROFESSIONAL ENGINEER
NO. 062-051230
EXPIRES 11-30-2015

AGENCY RESPONSIBLE FOR LETTING

APPROVED *[Signature]* 11/13 20 13
EDGAR COUNTY ENGINEER

PASSED *[Signature]* 11/25 20 13
ASONG DISTRICT FIVE ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID
BASED ON LIMITED *[Signature]* 11/25 20 13
REVIEW
DEPUTY DIRECTOR OF HIGHWAYS, REGION THREE ENGINEER
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE: FAS 684 & FAU 7560
SECTION: 10-00103-03-RS
EDGAR COUNTY
DESCRIPTION: HMA RESURFACING (EADS TO 700' EAST OF CSX RR)

GENERAL NOTES

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	2
ILLINOIS FED. AID PROJECT				
CONTRACT NO. 91496				

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.-107.12

THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE LOCAL RAILROAD CONTACT IS: BEN EWING AT 564 CSX LANE DANVILLE, ILLINOIS 61834 WORK PHONE 217-4420126, MOBILE 217-722-7993

SPECIAL ATTENTION IS CALLED TO ARTICLE 107.12 REGARDING RAILROAD FLAGGERS. THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE RAILROAD FLAGGER CONTACT IS: BEN EWING AT 564 CSX LANE DANVILLE, ILLINOIS 61834 WORK PHONE 217-4420126, MOBILE 217-722-7993

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):	Level Binder (MM), & HMA Shoulders Station 9+34.02 to Station 127+48	Surface Course & Incidental Surface Station 9+34.02 to Station 127+48
Mixture Use(s):	Surface	Surface
AC/PG:	PG 64-22	PG 64-22
RAP %: (Max)	*	*
Design Air Voids:	4.0% @Ndes=70	4.0% @Ndes=70
Mixture Composition: (Gradation Mixture)	IL 9.5FG	IL 9.5
Friction Aggregate:	Mix C	Mix C

* See RAP/RAS Special Provision

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.-440C

THE MACHINE USED FOR HOT-MIX ASPHALT SURFACE REMOVAL ON THE THROUGH TRAFFIC LANES ON THIS JOB SHALL BE CAPABLE OF REMOVING A LAYER OF BITUMINOUS MATERIAL AT LEAST 12 FT. IN WIDTH AND 2 1/4 INCHES IN DEPTH IN A SINGLE PASS.

G.N.-703A(REV)

SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND/OR PLACING 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, AND THE DETAILS SHOWN IN THE PLANS. IF THERE IS ANY DISCREPANCY BETWEEN THE STANDARD AND THE DETAILS IN THE PLANS, THE DETAILS IN THE PLANS SHALL GOVERN. 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 (9 m) SPACE BETWEEN THE DASHED CENTERLINE STRIPES (WHEN APPLICABLE).

G.N.-1004.01

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

G.N.-107.37

UTILITY LINES WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES INVOLVED (QUALITY LEVEL C &/OR QUALITY LEVEL D) AND THE ACCURACY SHOULD BE CONSIDERED APPROXIMATE ONLY.

UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THESE ADJUSTMENTS ARE BEING PERFORMED. J.U.L.I.E. - JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS SYSTEM (800) 892-0123 OR 811.



SUMMARY OF QUANTITIES

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	3
ILLINOIS FED. AID PROJECT				
CONTRACT NO. 91496				

SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	FAU 7560 STA 9+34.02 TO STA 119+49.73	FAS 684 STA 119+49.73 TO STA 127+48
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	11	11	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2,600	2,293	307
40600300	AGGREGATE (PRIME COAT)	TON	26	23	3
40600637	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70	TON	1,220	1,040	180
40600895	CONSTRUCTING TEST STRIP	EACH	1	1	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,194	646	548
40600990	TEMPORARY RAMP	SQ YD	640	331	309
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	1,435	1,268	167
40800010	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	200	172	28
40800030	AGGREGATE (PRIME COAT)	TON	2	2	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	140	121	19
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	6,873	6,873	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	625	489	136
48203100	HOT-MIX ASPHALT SHOULDERS	TON	40	32	8
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	1	1	
67100100	MOBILIZATION	L SUM	1	1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,552	1,392	160
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	212	184	28
* 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	122.4	61.2	61.2
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	15,695	13,080	2,615
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	66	22	44
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	83	72	11
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	80	69	11
Z0010900	COLD MILLING (SPECIAL)	FOOT	4,136	4,136	
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1		1
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	183	183	
X6026200	INLETS TO BE ADJUSTED (SPECIAL)	EACH	13	13	

* SPECIALTY ITEM



**EDGAR COUNTY
HIGHWAY DEPARTMENT**

SCHEDULE OF QUANTITIES

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	4
ILLINOIS FED. AID PROJECT				
CONTRACT NO. 91496				

40200800 AGGREGATE SURFACE COURSE, TYPE B

STATION	TO	STATION	LENGTH	WIDTH	DEPTH	TONS
FAU 7560:						
LT 40+78		LT 41+27.40	49.40'	VAR	6"	5.8
LT 41+51.04			8.00'	20.00'	1 5/8" AVG	1.7
LT 42+90.90		LT 43+28.90	38.00'	VAR	6"	3.4

TOTAL FAU 7560 & PROJECT = 11 TONS

HOT MIX ASPHALT RESURFACING

STATION	TO	STATION	LENGTH	WIDTH	40600100	40600300	40600637	40603315
					GALLONS PRIME COAT	TONS AGG PRIME	TONS FINE GRADED LEVEL BINDER	TONS SURFACE
FAU 7560:								
9+34.02		10+26.51	92.49	28.60	46.2	0.46	12.1	24.0
10+26.51		11+07.69	81.18	30.6+26/2	40.1	0.40	9.7	19.3
11+07.69		23+76.24	1,268.55	26.00	576.3	5.76	136.8	300.8
23+76.24		37+20.39	1,344.15	24.00	563.6	5.64	144.9	341.5
37+20.39		106+79.83	1,599.43	22.00	614.8	6.15	436.9	343.7
106+79.83		108+15.79	135.96	28.00	66.5	0.67		29.2
109+84.21		111+19.81	135.60	28.00	66.3	0.66		29.1
111+19.81		119+49.73	829.92	22.00	319.0	3.19	299.6	178.3

TOTALS FAU 7560 = 2,293 GALLONS 23 TONS 1,040 TONS 1,266 TONS

FAS 678:

LT 119+58.32		LT 119+85.32	27.00	11.00			2.55	
LT 119+85.32		LT 119+92.59	7.27	11.00			1.05	
LT 119+92.59		LT 120+00	7.41	11.00			0.70	
LT 120+00		LT 120+07.18	7.18	11.00			0.32	
119+49.73		120+46.79	97.06	22.00	37.3	0.37	19.4	20.9
120+67.83		127+48.00	680.17	22.00	261.4	2.61	156.0	148.3
LT 119+92.60		LT 120+26.58	33.98	VAR	2.3	0.02		
RT 120+39.27		RT 120+82.76	43.49	VAR	2.5	0.02		
LT 120+24.16		LT 120+77.55	53.39	VAR	2.8	0.03		
RT 120+96.90		RT 121+15.90	19.00	VAR	0.7	0.01		

TOTALS FAS 684 = 307 GALLONS 3 TONS 180 TONS 169 TONS

PROJECT TOTALS = 2,600 GALLONS 26 TONS 1,220 TONS 1,435 TONS



SCHEDULE OF QUANTITIES

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	5
ILLINOIS FED. AID PROJECT				
CONTRACT NO. 91496				

40600982 HMA SURFACE REMOVAL - BUTT JOINT

<u>STATION</u>	<u>TO</u>	<u>STATION</u>	<u>LENGTH</u>	<u>WIDTH</u>	<u>SQ YDS</u>
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FAU 7560:

LT 41+51.04			37.37+46.14/2	9.25	42.9
LT 43+82.37			26.07+42.29/2	9.25	35.1
RT 102+83.99			51.06+34.56/2	13.40	63.7
LT 103+27.94			19.5+33.4/2	9.25	27.2
107+50.79		108+15.79	65.00	28.00	202.2
109+84.21		110+49.21	65.00	28.00	202.2
LT 113+52.30			22.1+30.8/2	9.25	27.2
RT 119+49.73			37.6+24.1/2	13.40	45.9

TOTAL FAU 7560 = 646 SQ YDS

FAS 678:

120+07.18		120+46.79	39.61	VAR	123.4
120+67.83		121+08.45	40.62	VAR	124.0
LT 121+49.13			22.4+30/2	15.00	43.7
126+43		127+48	105.00	22.00	256.6

TOTAL FAS 684 = 548 SQ YDS

PROJECT TOTAL = 1,194 SQ YDS

40600990 TEMPORARY RAMP

<u>STATION</u>	<u>TO</u>	<u>STATION</u>	<u>LENGTH</u>	<u>WIDTH</u>	<u>SQ YDS</u>
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FAU 7560:

9+34.02			26.60	7.50	22.17
RT 9+34.02		RT 10+26.51	92.49	7.50	77.09
RT 28+20		RT 28+90	70.00	7.50	58.35
RT 36+10		RT 37+15	105.00	7.50	87.52
RT 102+83.99			34.40	5.00	19.12
107+85.79			22.00	6.00	14.67
108+15.79			22.00	5.00	12.23
109+84.21			22.00	5.00	12.23
110+14.21			22.00	6.00	14.67
RT 119+49.73			24.10	5.00	13.39

TOTAL FAU 7560 = 331 SQ YDS

FAS 678:

120+25.56			22.00	6.00	123.47
120+46.79			80.00	5.00	124.08
120+67.83			82.70	5.00	14.56
120+89.60			22.00	6.00	14.67
126+88			22.00	8.00	19.56
127+48			22.00	5.00	12.23

TOTAL FAS 684 = 309 SQ YDS

PROJECT TOTAL = 640 SQ YDS



SCHEDULE OF QUANTITIES

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	7
ILLINOIS FED. AID PROJECT				
CONTRACT NO. 91496				

48102100 AGGREGATE WEDGE SHOULDER, TYPE B

STATION TO STATION LENGTH CU FT END AREA TONS

FAU 7560:

LT 23+76.61		LT 25+51	174.39	0.40	5.2
LT 26+00		LT 30+70	470.00	0.40	13.9
LT 34+25		LT 37+20.39	295.39	0.40	8.8
LT 37+20.39		LT 41+44	423.61	1.20	37.7
RT 37+20.39		RT 102+67	1,186.60	1.20	105.6
LT 41+81		LT 43+73	192.00	1.20	17.1
LT 44+00		LT 103+21	560.99	1.20	49.9
RT 103+00		RT 106+80	380.00	1.20	33.8
LT 103+40		LT 106+80	340.00	1.20	30.3
LT 106+80		LT 108+15.79	135.79	1.20	12.1
RT 106+80		RT 108+15.79	135.79	1.20	12.1
LT 109+84.21		LT 111+19.81	135.60	1.20	12.1
RT 109+84.21		RT 111+19.81	135.60	1.20	12.1
LT 111+19.81		LT 113+21	201.19	1.20	17.9
RT 111+19.81		RT 119+47	827.19	1.20	73.6
LT 114+20		LT 119+49.73	529.73	1.20	47.1

TOTAL FAU 7560 = 489 TONS

FAS 684

LT 119+49.73		LT 120+12	62.27	1.20	5.5
RT 119+71		RT 120+83	112.00	1.20	10.0
LT 120+24		LT 121+37	113.00	1.20	10.1
RT 120+97		RT 127+48	651.00	1.20	57.9
LT 121+59		LT 127+48	589.00	1.20	52.4

TOTAL FAS 684 = 136 TONS

PROJECT TOTAL = 625 TONS

48203100 HOT-MIX ASPHALT SHOULDERS

STATION TO STATION LENGTH AVG DEPTH TONS

FAU 7560:

RT 106+79.83		RT 107+85.79	105.96	3 1/4"	7.1
LT 106+80.60		LT 107+85.79	105.19	3 1/4"	7.1
RT 107+85.79		RT 108+15.79	30.00	1 1/2"	0.9
LT 107+85.79		LT 108+15.79	30.00	1 1/2"	0.9
RT 109+84.21		RT 110+14.21	30.00	1 1/2"	0.9
LT 109+84.21		LT 110+14.21	30.00	1 1/2"	0.9
RT 110+14.21		RT 111+19.81	105.60	3 1/4"	7.1
LT 110+14.21		LT 111+19.81	105.60	3 1/4"	7.1

TOTAL FAU 7560 = 32 TONS

FAS 684

LT 119+92.59		LT 120+26.58	33.99	3 3/4"	3.5
LT 120+24.16		LT 120+65.80	41.64	1 1/2"	1.6
LT 120+65.80		LT 120+77.55	11.75	3 1/4"	0.2
RT 120+39.27		RT 120+82.76	43.49	1 1/2"	1.5
RT 120+87.15		RT 121+01.10	13.95	1 1/2"	0.5
RT 121+01.10		RT 121+15.90	14.80	3 3/4"	0.57

TOTAL FAS 684 = 8 TONS

PROJECT TOTAL = 40 TONS



**EDGAR COUNTY
HIGHWAY DEPARTMENT**

SCHEDULE OF QUANTITIES

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	8
		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 91496				

70300100 SHORT TERM PAVEMENT MARKING

STATION	TO	STATION	LENGTH	APPLICATIONS	FOOT
FAU 7560:					
9+34.02		37+95.29	2,861.27	3	864.0
37+95.29		108+15.79	1,660.49	2	336.0
109+84.21		119+49.73	965.52	2	192.0
TOTAL FAU 7560 =					1,392 FOOT
FAS 684					
119+49.73		120+46.79	97.06	2	24.0
120+67.83		127+48.00	680.17	2	136.0
TOTAL FAS 684 =					160 FOOT
USE 4 FOOT IN 40 FOOT OR 10%					PROJECT TOTAL = 1,552 FOOT

70301000 WORK ZONE PAVEMENT MARKING REMOVAL

STATION	TO	STATION	APPLIED LENGTH	SQ FT
FAU 7560:				
9+34.02		119+49.73	552.0	184.0
TOTAL FAU 7560 =				184 SQ FT
FAS 684				
119+49.73		120+46.79	12.0	4.0
120+67.83		127+48.00	72.0	24.0
TOTAL FAS 684 =				28 SQ FT
PROJECT TOTAL =				212 FOOT

78001100 PAINT PAVEMENT MARKING - LETTERS & SYMBOLS

STATION	DESCRIPTION	COLOR	SQ FT
FAU 7560:			
PAVT MARKING			
RT 116+13.54	SMALL R	WHITE	3.6
RT 116+13.54	SMALL R	WHITE	3.6
RT 116+13.54	RAILROAD X	WHITE	54.0
TOTAL FAU 7560 =			61.2 SQ FT
FAS 684			
LT 125+01.29	SMALL R	WHITE	3.6
LT 125+01.29	SMALL R	WHITE	3.6
LT 125+01.29	RAILROAD X	WHITE	54.0
TOTAL FAS 684 =			61.2 SQ FT
PROJECT TOTAL =			122.4 SQ FT



SCHEDULE OF QUANTITIES

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	10
		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 91496				

78100100 RAISED REFLECTIVE PAVEMENT MARKER

<u>STATION</u>	<u>TO</u>	<u>STATION</u>	<u>DESCRIPTION</u>	<u>COLOR</u>	<u>EACH</u>	
FAU 7560:						
9+34.02		119+49.73	BI-DIRECTIONAL	AMBER/80' CTS	72	
TOTAL FAU 7560 =					72	EACH
FAS 684						
119+49.73		127+48	BI-DIRECTIONAL	AMBER/80' CTS	11	
TOTAL FAS 684 =					11	EACH
PROECT TOTAL =					83	EACH

X6026200 INLETS TO BE ADJUSTED (SPECIAL)

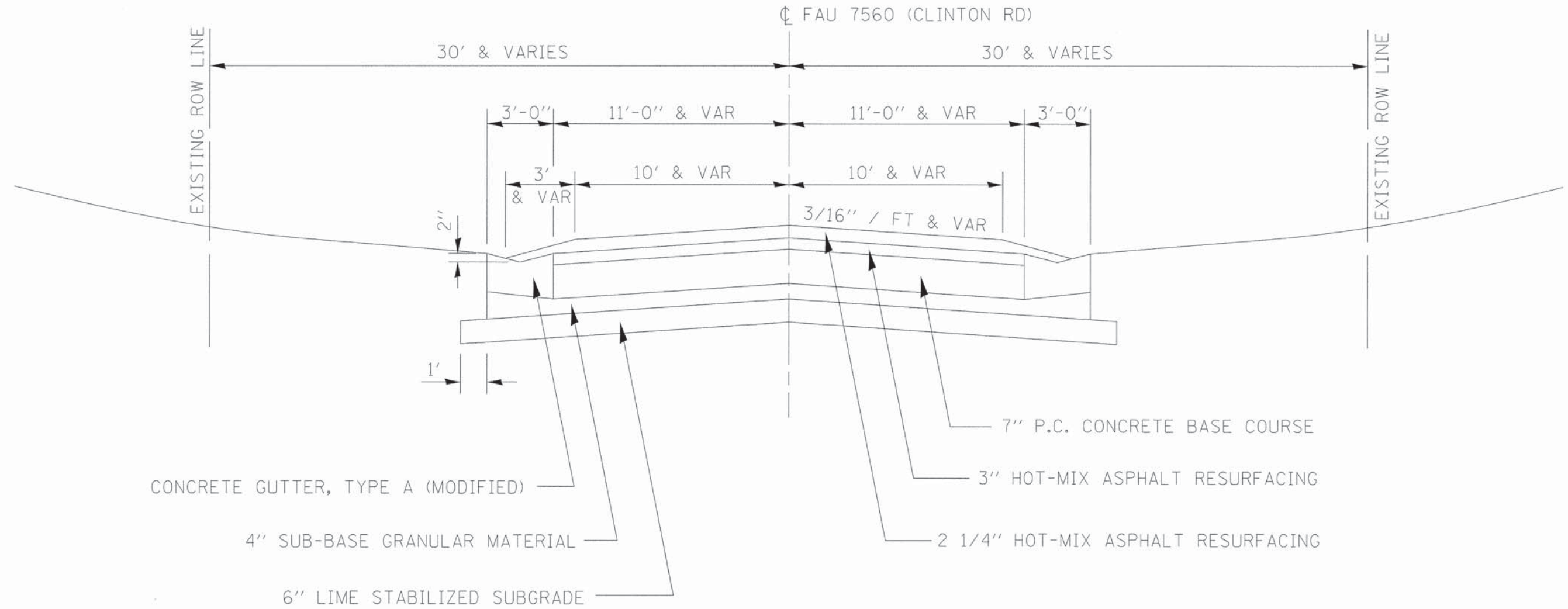
<u>STATION</u>	<u>EACH</u>
RT 11+85.45	1
LT 11+85.61	1
RT 15+14.09	1
LT 15+14.50	1
LT 17+47.01	1
RT 17+47.46	1
LT 20+52.76	1
RT 20+53.07	1
RT 26+51.05	1
RT 29+00.14	1
RT 31+49.19	1
RT 33+95.34	1
RT 36+12.14	1

TOTAL FAU 7560 & PROJECT = 13 EACH



EXISTING TYPICAL CROSS SECTION

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	11
		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 91496				



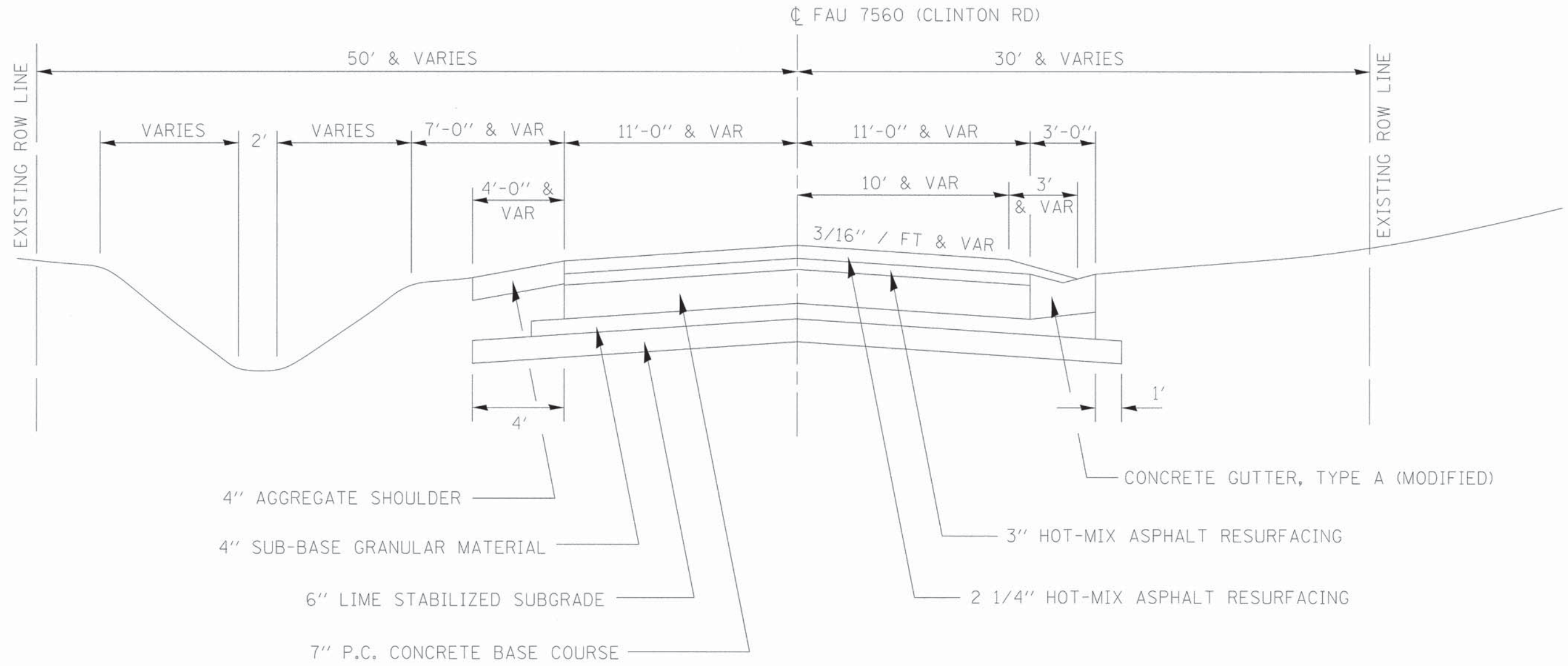
STATION 9+34.02 TO STATION 23+76.24



**EDGAR COUNTY
HIGHWAY DEPARTMENT**

EXISTING TYPICAL CROSS SECTION

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	12
ILLINOIS FED. AID PROJECT				
CONTRACT NO. 91496				



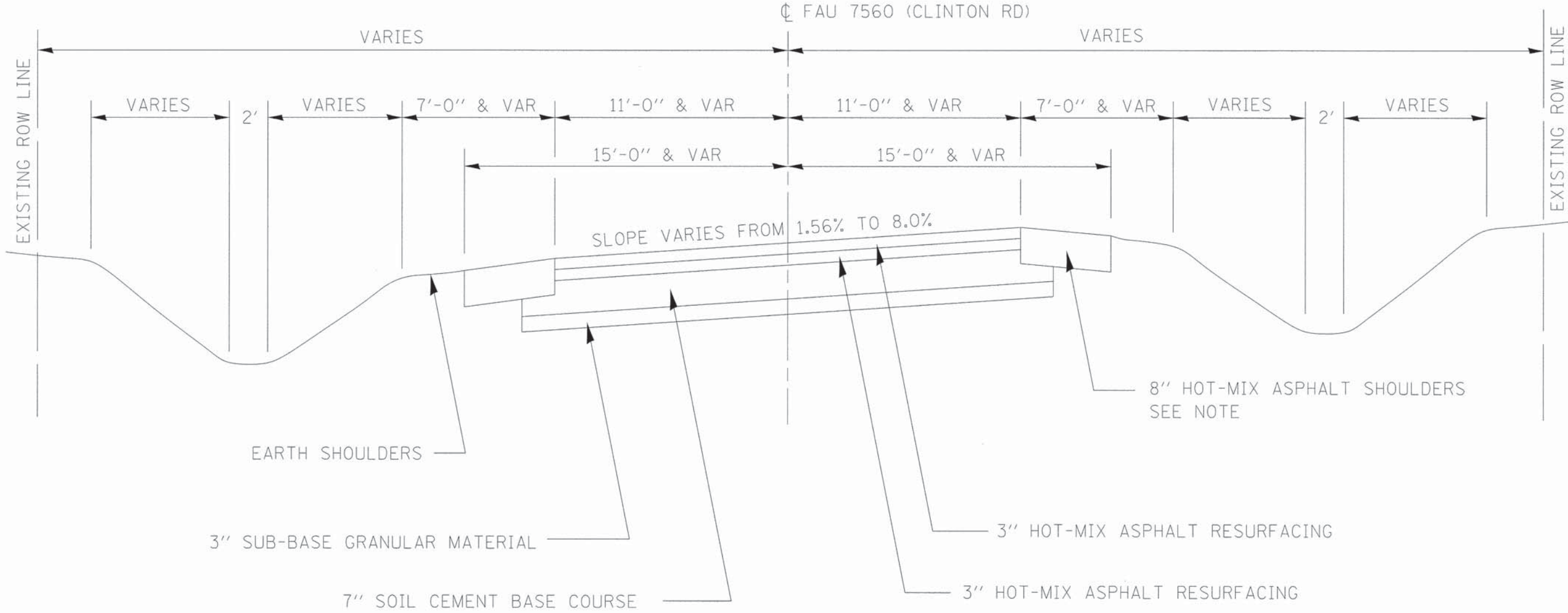
STATION 23+76.24 TO STATION 37+20.39



**EDGAR COUNTY
HIGHWAY DEPARTMENT**

EXISTING TYPICAL CROSS SECTION

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	16
ILLINOIS FED. AID PROJECT				
CONTRACT NO. 91496				

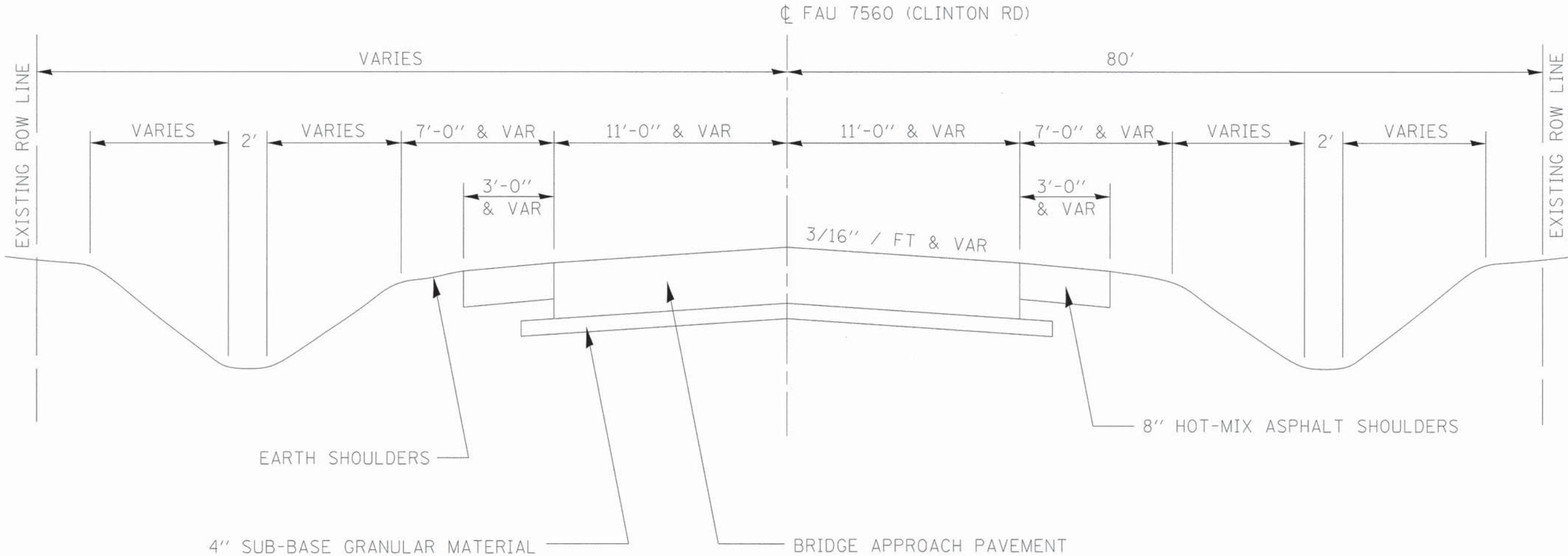


STATION 101+56.00 TO STATION 108+15.79

NOTE:
 EXISTING 3 FOOT & VAR WIDTH HOT-MIX ASPHALT SHOULDERS RT STATION 106+78.31 TO RT STATION 108+15.79 AND LT STATION 106+80.60 TO LT STATION 108+15.79

EXISTING TYPICAL CROSS SECTION

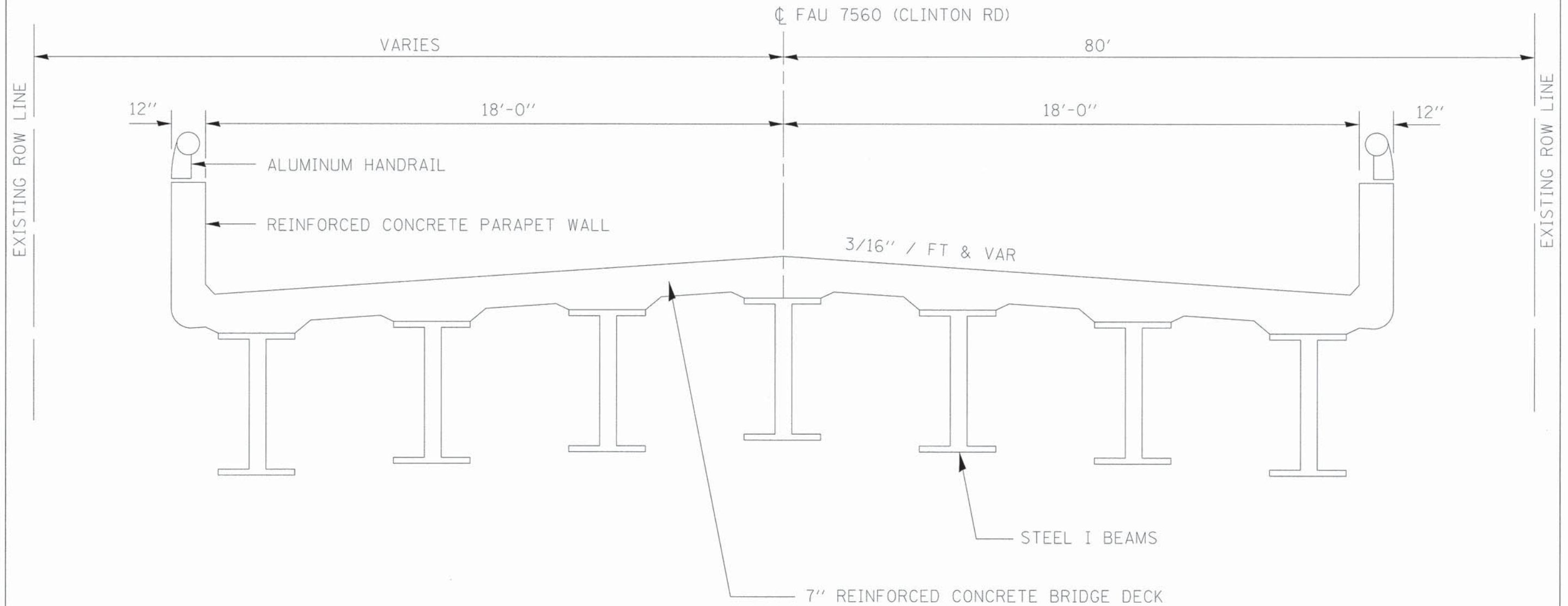
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	17
ILLINOIS FED. AID PROJECT				
CONTRACT NO. 91496				



STATION 108+15.79 TO STATION 108+40.22
 STATION 109+59.70 TO STATION 109+84.21

EXISTING TYPICAL CROSS SECTION

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	18
		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 91496				



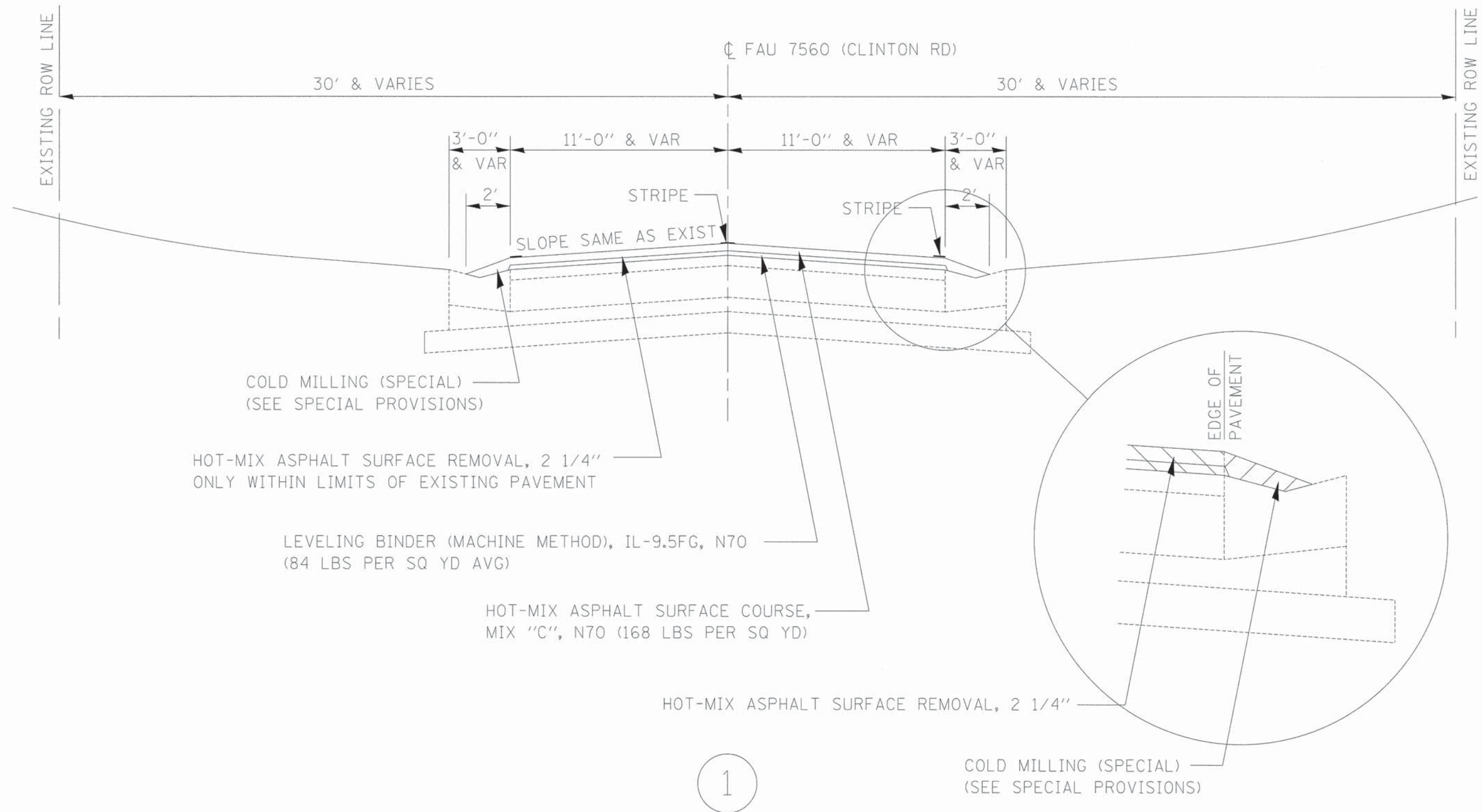
STATION 108+40.22 TO STATION 109+59.70



**EDGAR COUNTY
HIGHWAY DEPARTMENT**

PROPOSED TYPICAL CROSS SECTION

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	19
ILLINOIS FED. AID PROJECT				
CONTRACT NO. 91496				



COLD MILLING (SPECIAL)
(SEE SPECIAL PROVISIONS)

HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
ONLY WITHIN LIMITS OF EXISTING PAVEMENT

LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70
(84 LBS PER SQ YD AVG)

HOT-MIX ASPHALT SURFACE COURSE,
MIX "C", N70 (168 LBS PER SQ YD)

HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"

COLD MILLING (SPECIAL)
(SEE SPECIAL PROVISIONS)

1

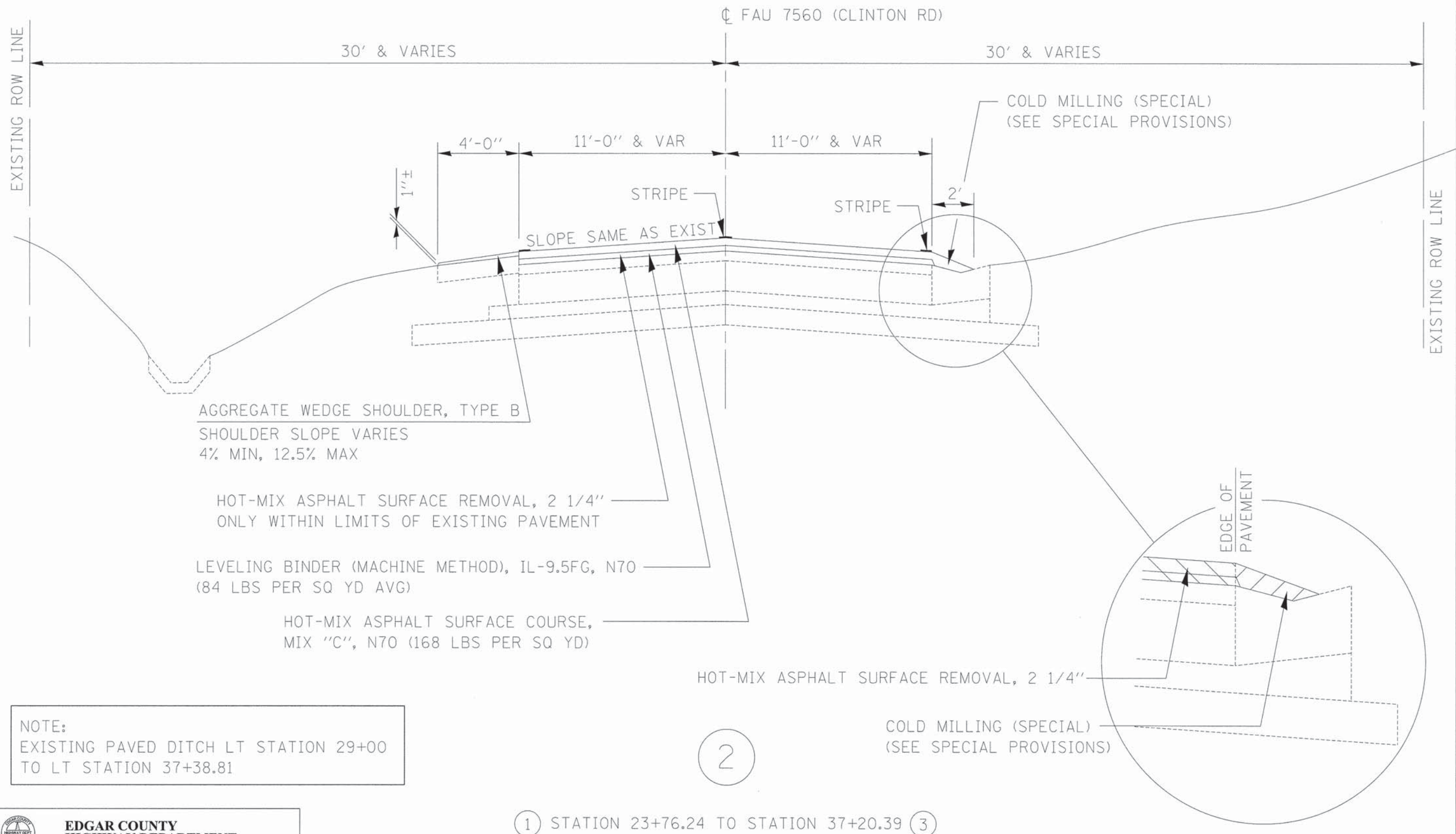
BEGIN SECTION STATION 9+34.02 TO STATION 23+76.24 2



**EDGAR COUNTY
HIGHWAY DEPARTMENT**

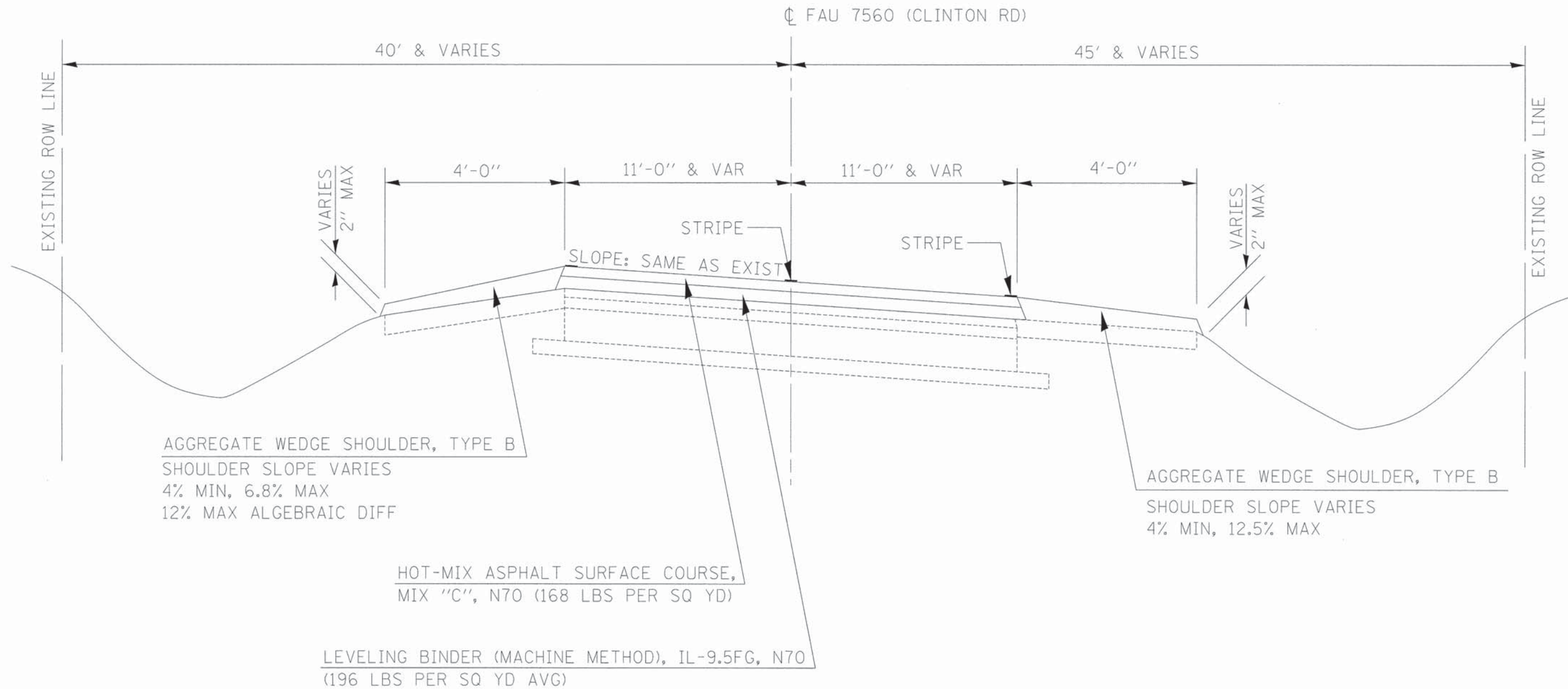
PROPOSED TYPICAL CROSS SECTION

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	20
ILLINOIS FED. AID PROJECT				
CONTRACT NO. 91496				



PROPOSED TYPICAL CROSS SECTION

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	21
ILLINOIS FED. AID PROJECT				
CONTRACT NO. 91496				



3

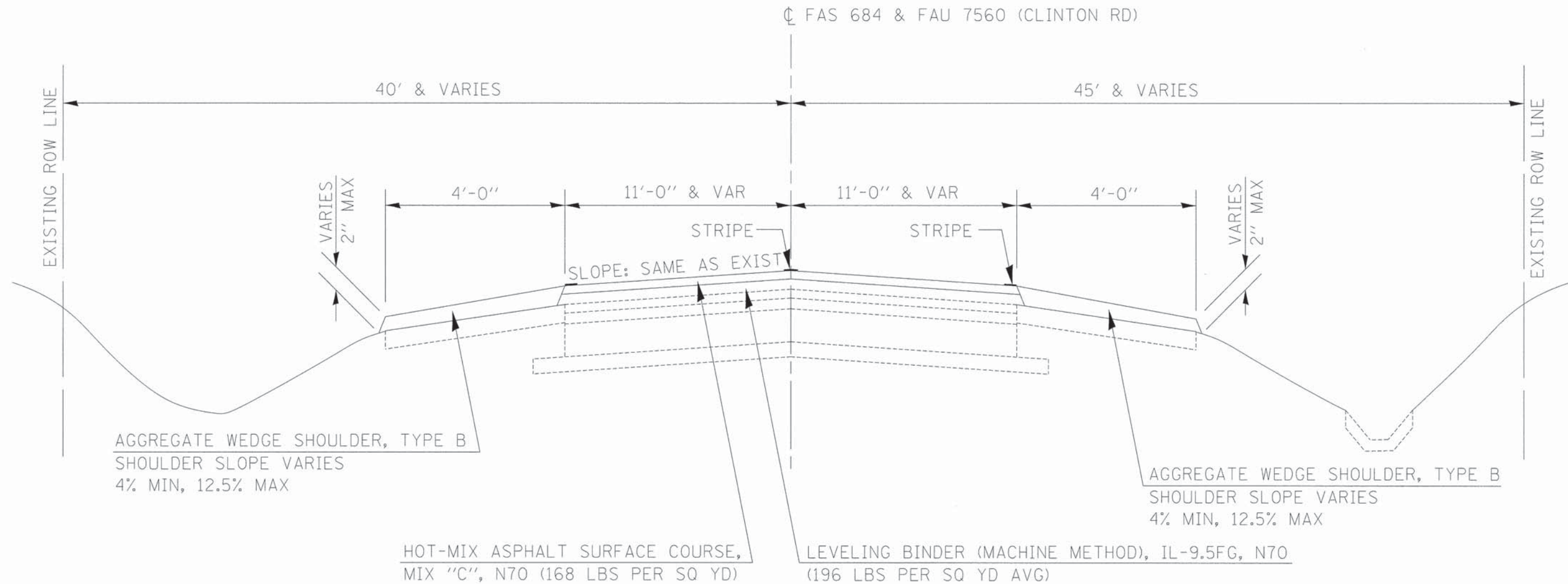
2 STATION 37+20.39 TO STATION 44+60.36 4



**EDGAR COUNTY
HIGHWAY DEPARTMENT**

PROPOSED TYPICAL CROSS SECTION

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	22
ILLINOIS FED. AID PROJECT				
CONTRACT NO. 91496				



NOTE:
ADDITIONAL LEVELING BINDER (MACHINE METHOD)
SHALL BE USED IN THE WESTBOUND LANE TO
CORRECT THE EDGE OF PAVEMENT PROFILE.
SEE SHEET 37 FOR PROFILES.

4

③ STATION 44+60.36 TO STATION 46+85.99 [STATION EQUATION 46+85.99 (BACK) = 100+46.00 (AHEAD)]

[STATION EQUATION 46+85.99 (BACK) = 100+46.00 (AHEAD)] STATION 100+46.00 TO STATION 101+56.00 ⑤

⑥ STATION 111+19.81 TO STATION 120+46.79 [OMMISSION FROM RESURFACING 120+46.79 TO 120+67.83]

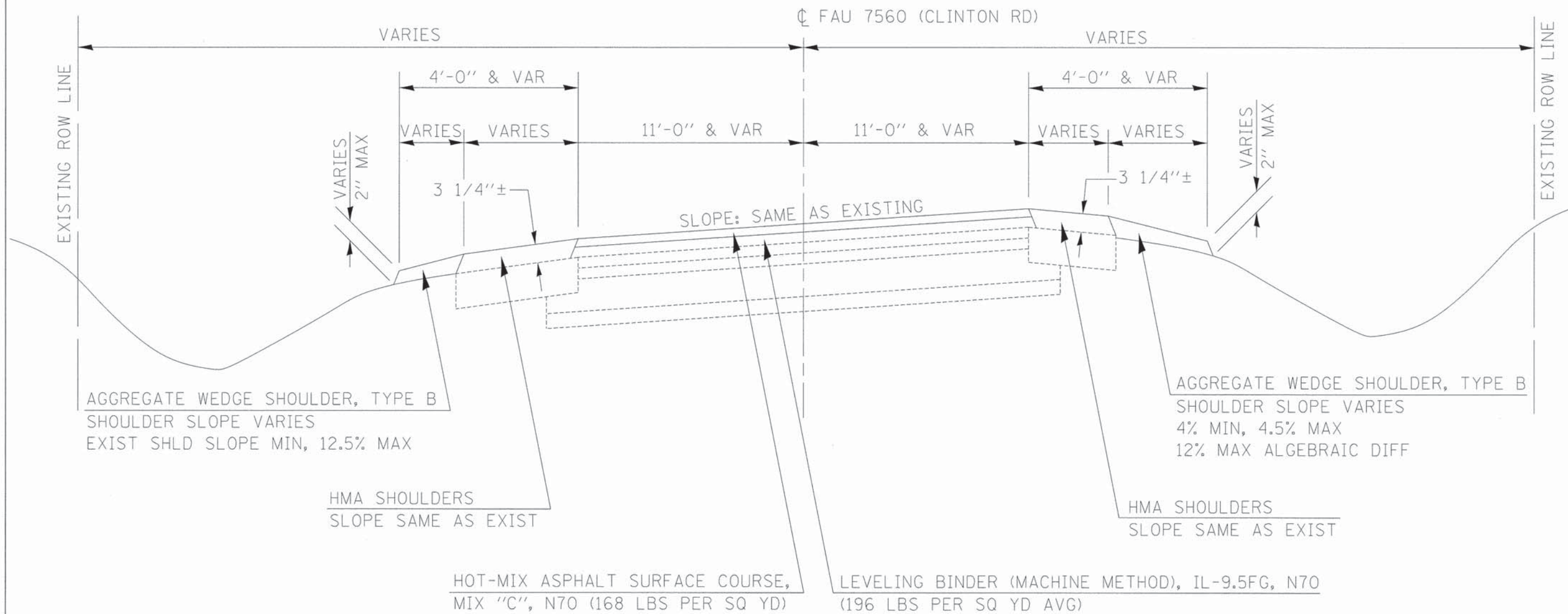
[OMMISSION FROM RESURFACING 120+46.79 TO 120+67.83] STATION 120+67.83 TO STATION 127+48 [END OF SECTION]



**EDGAR COUNTY
HIGHWAY DEPARTMENT**

PROPOSED TYPICAL CROSS SECTION

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	23
ILLINOIS FED. AID PROJECT				
CONTRACT NO. 91496				



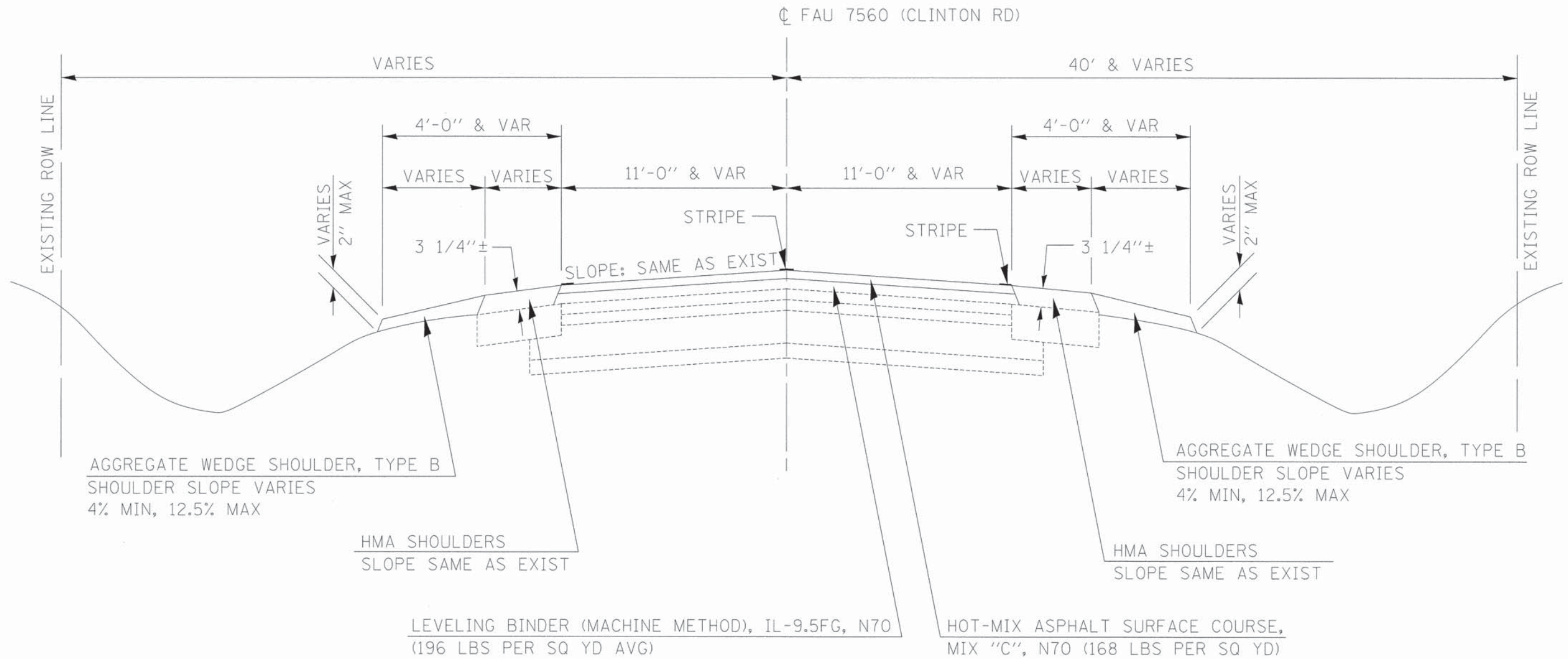
④ STATION 101+56.00 TO STATION 108+15.79 [OMMISSION FROM RESURFACING 108+15.79 TO 109+84.21]



**EDGAR COUNTY
HIGHWAY DEPARTMENT**

PROPOSED TYPICAL CROSS SECTION

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	24
ILLINOIS FED. AID PROJECT				
CONTRACT NO. 91496				



OMMISSION FROM RESURFACING 108+15.79 TO 109+84.21 STATION 109+84.21 TO STATION 111+19.81 4

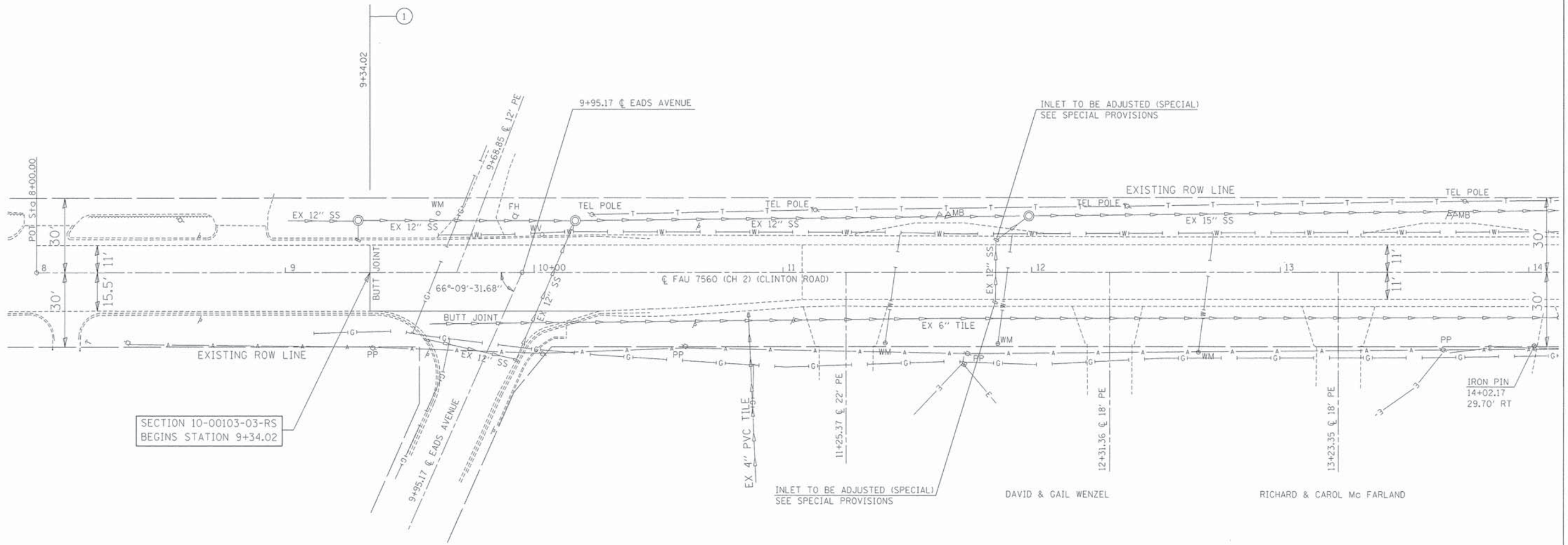
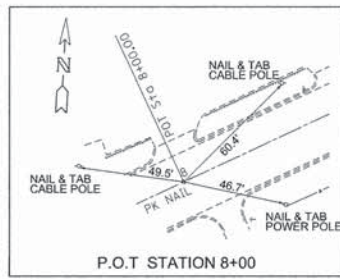


**EDGAR COUNTY
HIGHWAY DEPARTMENT**

SECTION 6, T. 13 N., R. 11 W., 2nd P.M.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-R5	EDGAR	45	25
EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		

CONTRACT NO. 91496



○ DENOTES PROPOSED TYPICAL CROSS SECTION WITH COORESPONDING NUMBER

UTILITIES LOCATED WITHIN SECTION

UTILITY COMPANY	TYPE	LOCATION	RELOCATION REQUIRED
City of Paris Water	Buried Main	Throughout Project	None
Ameren Power	Aerial Lines	Throughout Project	None
Ameren Gas	Buried Main	Throughout Project	None
Frontier Communications	Aerial Lines	Throughout Project	None
NewWave Communications	Aerial Lines	Throughout Project	None

SCALE: 1" = 20'



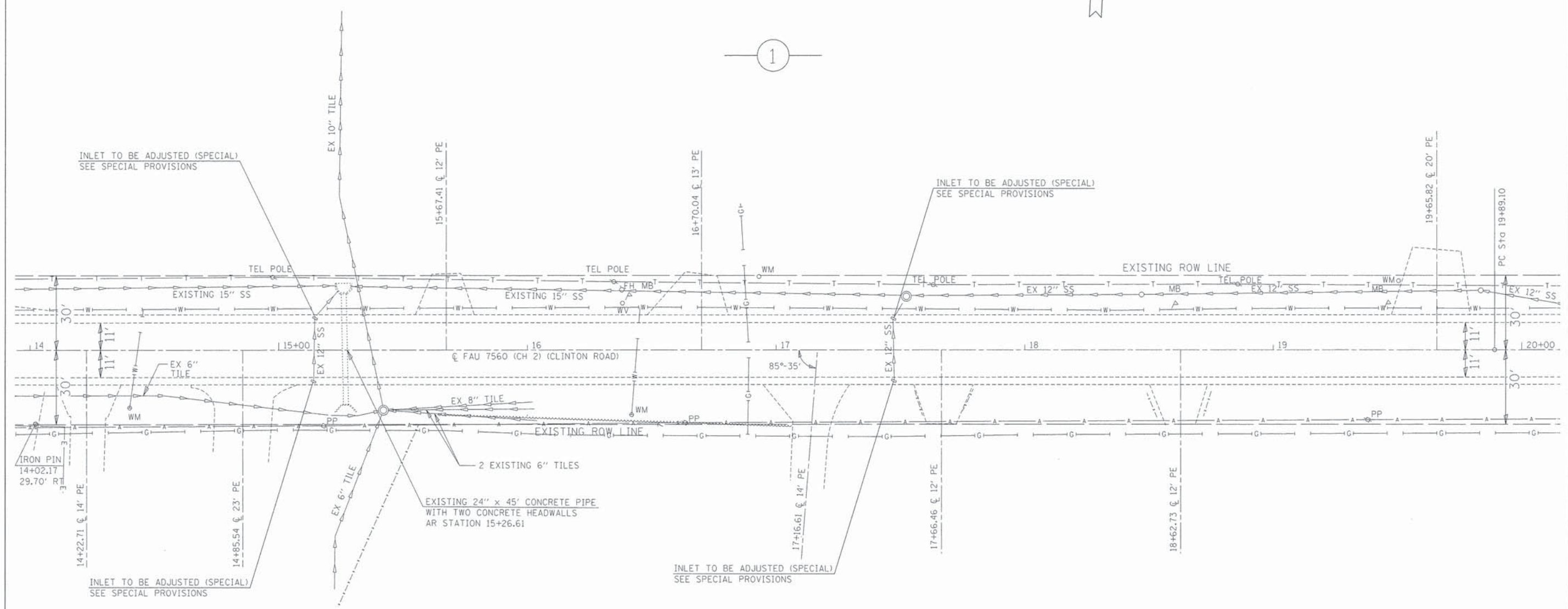
**EDGAR COUNTY
HIGHWAY DEPARTMENT**

SECTION 6, T. 13 N., R. 11 W., 2nd P.M.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	26
EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 91496				

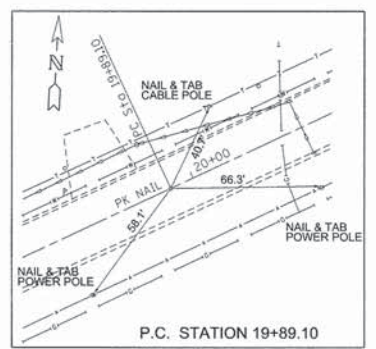


1



BM #1: CUT SQUARE IN CENTER OF HEADWALL
22.12' RT STATION 15+26.80, ELEV. 668.37

SCALE: 1" = 20'

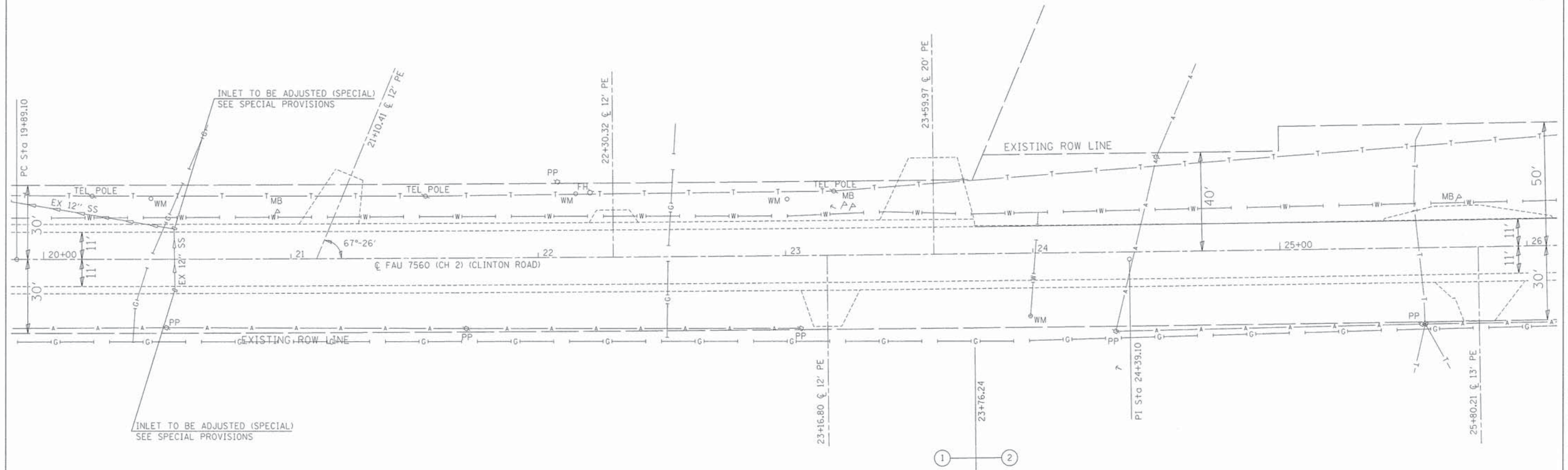


SECTION 6, T. 13 N., R. 11 W., 2nd P.M.

EXISTING CURVE DATA
 PI STA. = 24+39.10
 $\Delta = 1^\circ 29' 19''$ (LT)
 $D = 0^\circ 09' 56''$
 $R = 34,636.35'$
 $T = 450.00'$
 $L = 899.95'$
 $E = 2.92'$
 SE = NORMAL CROWN
 P.C. STA. = 19+89.10
 P.T. STA. = 28+89.05

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	27

EDGAR COUNTY, ILLINOIS FED. AID PROJECT
 CONTRACT NO. 91496

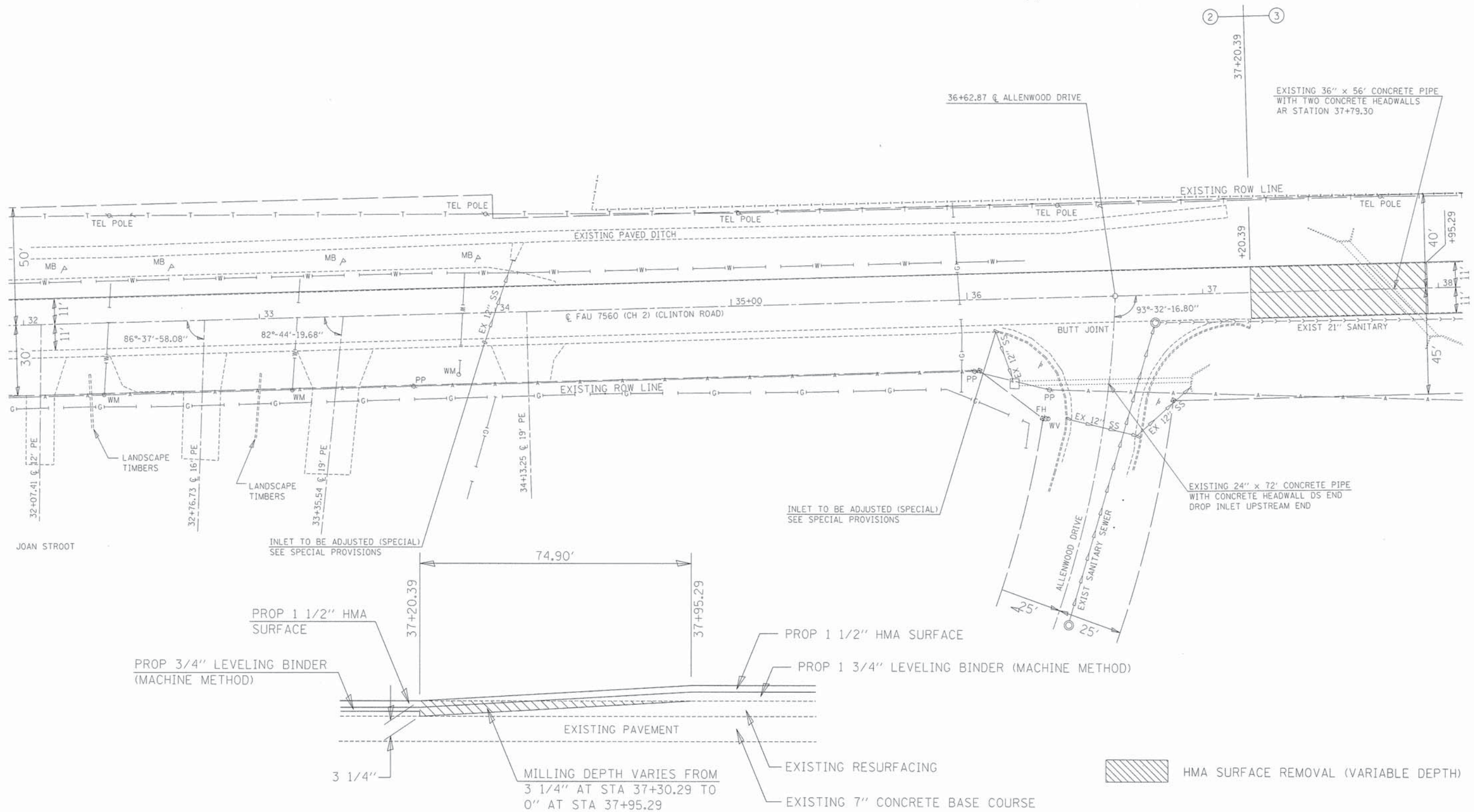


SECTION 6, T. 13 N., R. 11 W., 2nd P.M.



ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	29
EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		

CONTRACT NO. 91496



SCALE: 1" = 20'



**EDGAR COUNTY
HIGHWAY DEPARTMENT**

VARIABLE DEPTH MILLING DETAIL

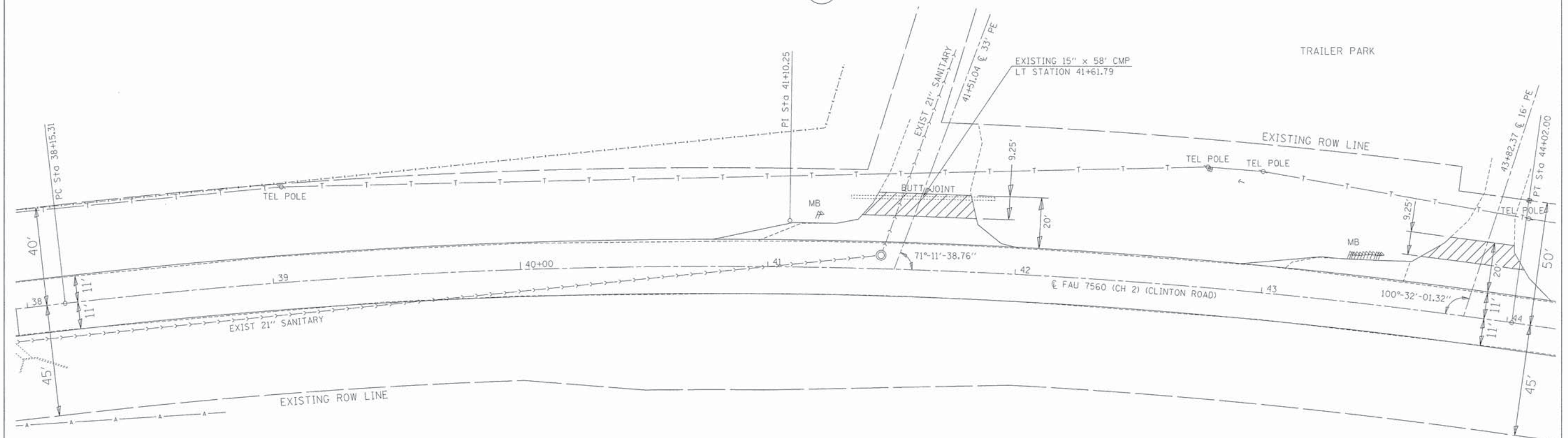
BM #3: CUT SQUARE IN CENTER OF HEADWALL
20.60' RT STATION 37+98.60, ELEV. 665.49

SECTION 6, T. 13 N., R. 11 W., 2nd P.M.

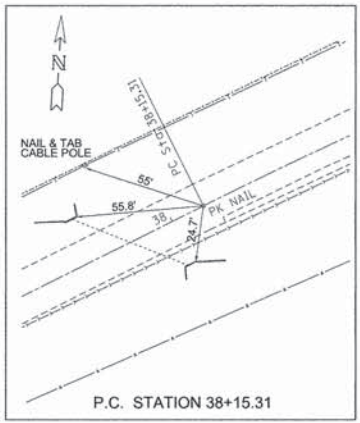


ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	30
EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 91496				

3



EXISTING CURVE DATA
 PI STA. = 41+10.25
 $\Delta = 14^\circ 35' 01''$ (RT)
 $D = 2^\circ 29' 09''$
 $R = 2,304.98'$
 $T = 294.94'$
 $L = 586.69'$
 $E = 18.79'$
 $SE = 0.052$ FT/FT
 P.C. STA. = 38+15.31
 P.T. STA. = 44+02.00
EXIST SE ATTAINED:
 STATION 36+98.69 TO STATION 38+73.69
 STATION 42+85.36 TO STATION 44+60.36

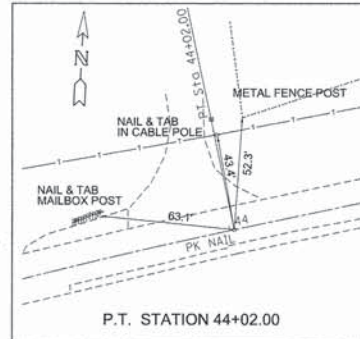
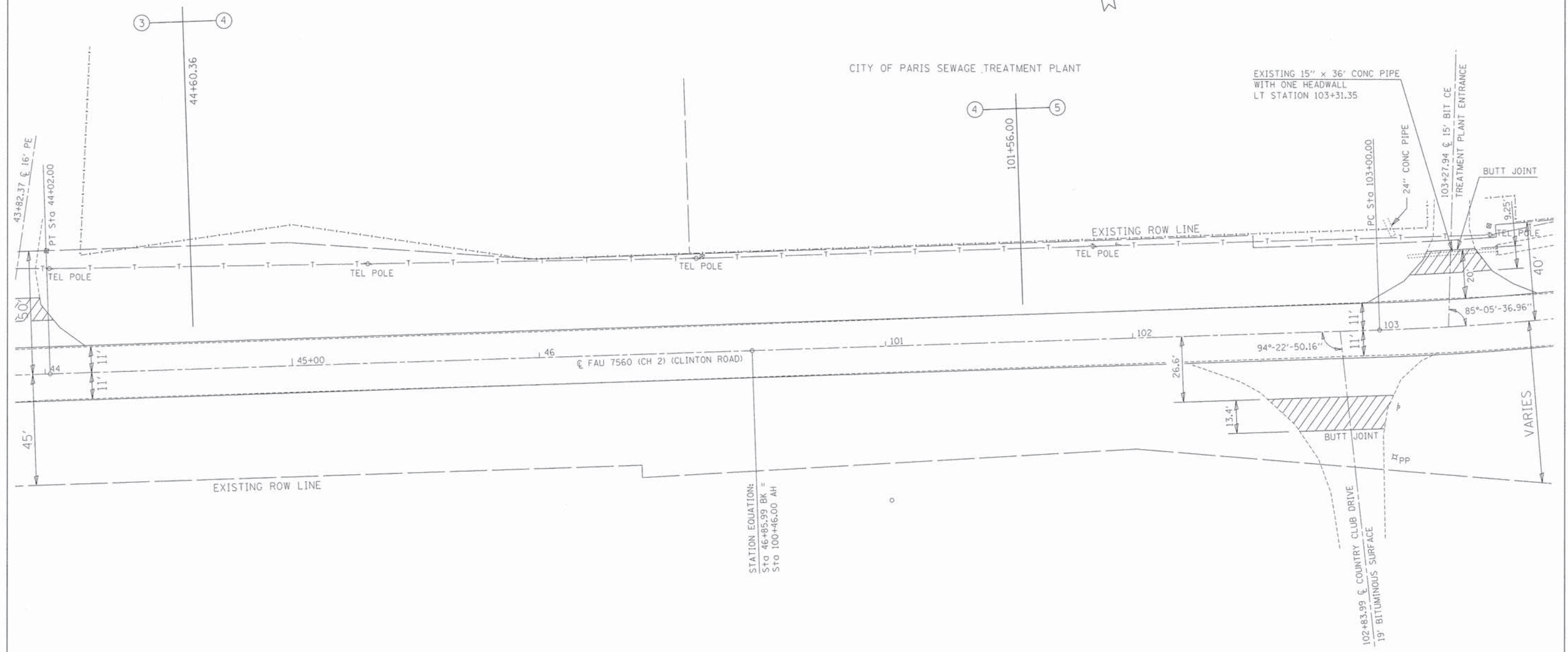


SECTION 6, T. 13 N., R. 11 W., 2nd P.M.



ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	31
EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		

CONTRACT NO. 91496



SCALE: 1" = 20'



HMA SURFACE REMOVAL - BUTT JOINT

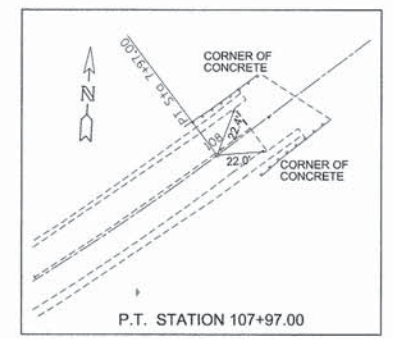
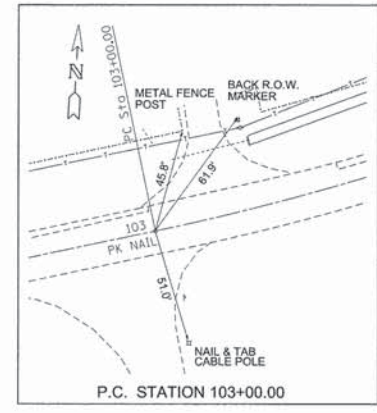
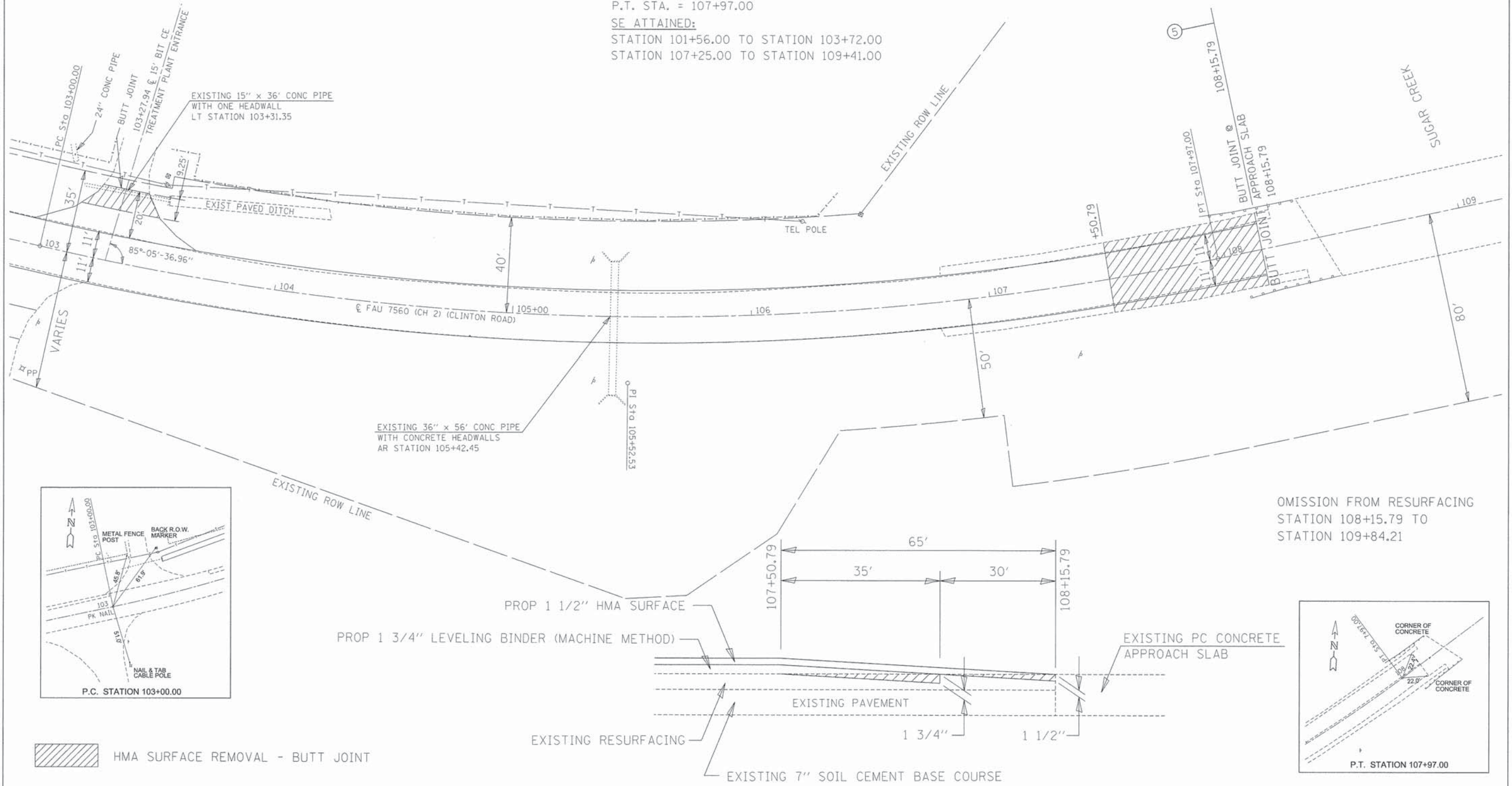
SECTION 6, T. 13 N., R. 11 W., 2nd P.M.

EXIST. CURVE CURVE3
 PI STA. = 105+52.53
 $\Delta = 25^\circ 02' 11''$ (LT)
 $D = 5^\circ 02' 15''$
 $R = 1,137.38'$
 $T = 252.53'$
 $L = 497.00'$
 $E = 27.70'$
 $SE = 0.08$ FT/FT
 P.C. STA. = 103+00.00
 P.T. STA. = 107+97.00
SE ATTAINED:
 STATION 101+56.00 TO STATION 103+72.00
 STATION 107+25.00 TO STATION 109+41.00

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	32
EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		

CONTRACT NO. 91496

SECTION 5, T. 13 N.,
 R. 11 W., 2nd P.M.



OMISSION FROM RESURFACING
 STATION 108+15.79 TO
 STATION 109+84.21

HMA SURFACE REMOVAL - BUTT JOINT

SCALE: 1" = 20'

**EDGAR COUNTY
 HIGHWAY DEPARTMENT**

APPROACH SLAB BUTT JOINT DETAIL

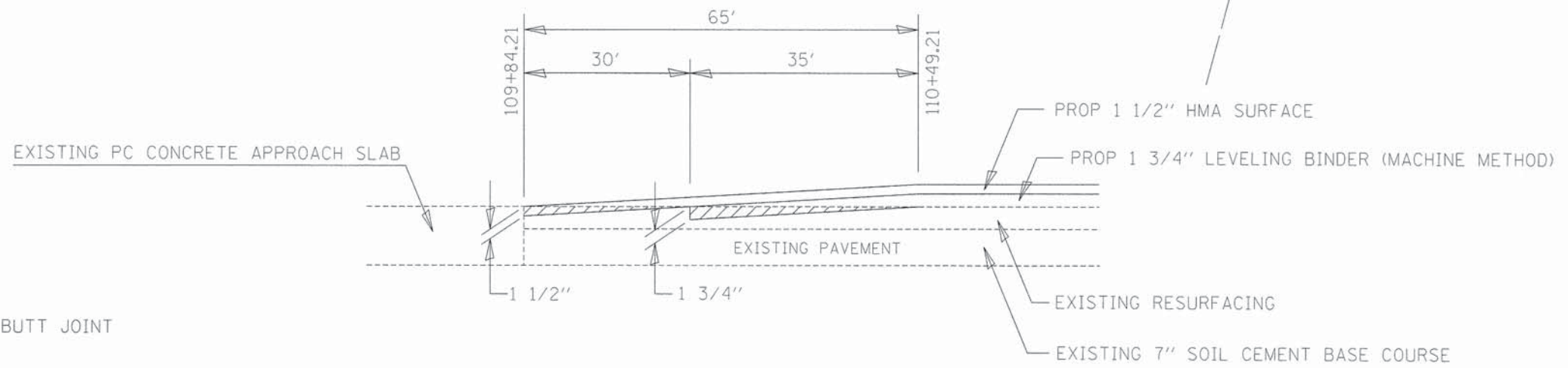
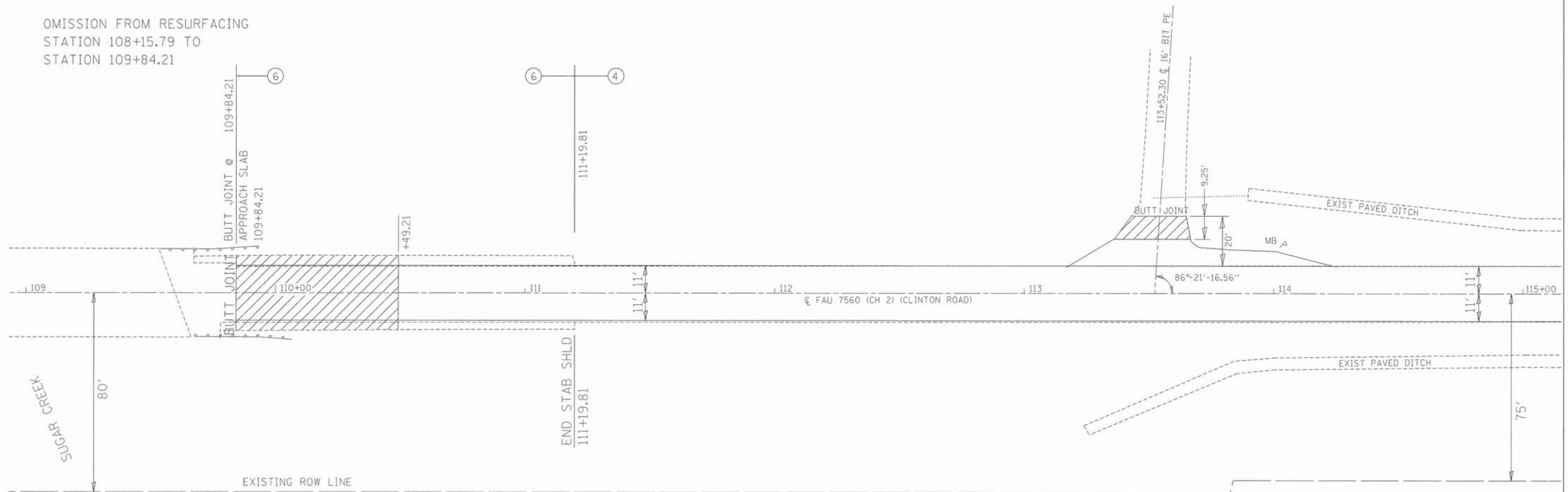
BM #4: CUT SQUARE IN BRIDGE WINGWALL
 19.30' RT STATION 108+46.90, ELEV. 644.79

SECTION 32, T. 14 N., R. 11 W., 2nd P.M.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	33
EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		

CONTRACT NO. 91496

OMISSION FROM RESURFACING
STATION 108+15.79 TO
STATION 109+84.21



 HMA SURFACE REMOVAL - BUTT JOINT

SCALE: 1" = 20'



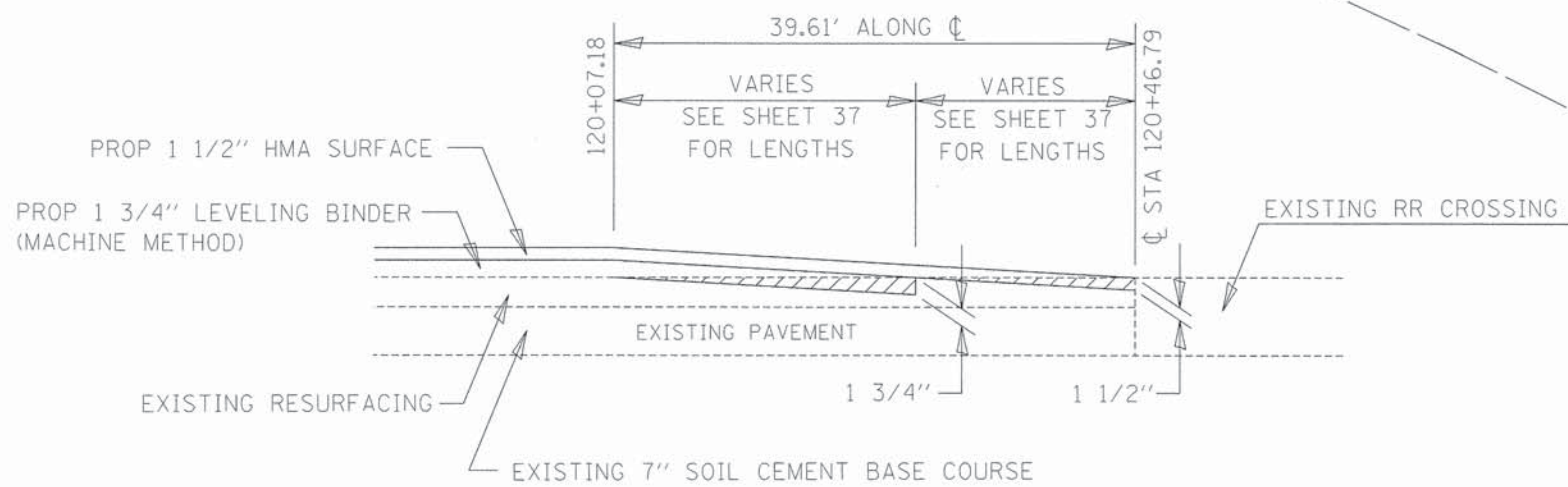
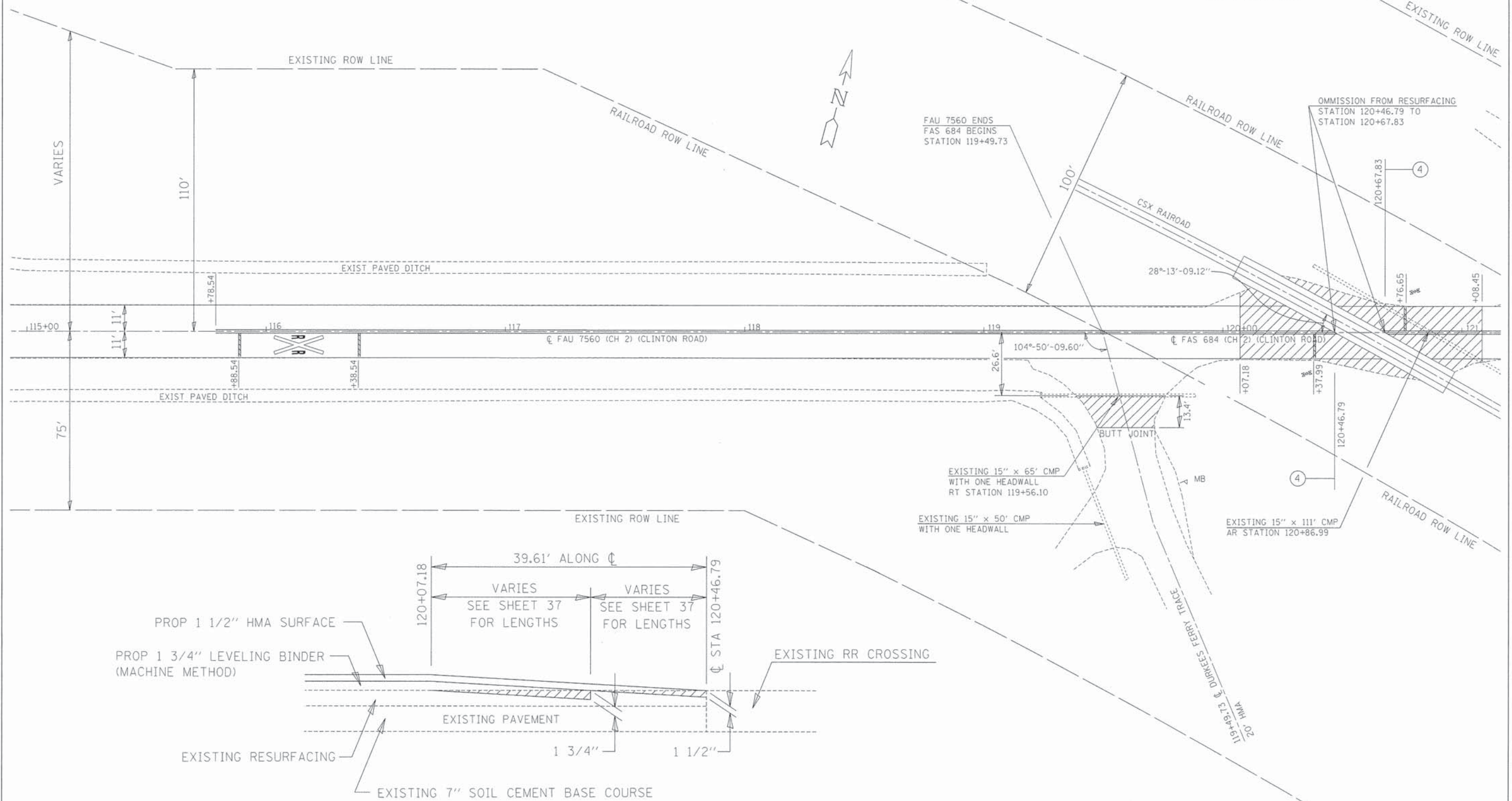
**EDGAR COUNTY
HIGHWAY DEPARTMENT**

APPROACH SLAB BUTT JOINT DETAIL

SECTION 32, T. 14 N., R. 11 W., 2nd P.M.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	34
EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		

CONTRACT NO. 91496



RAILROAD BUTT JOINT DETAIL

FOR PAVEMENT PROFILES AT RAILROAD, SEE SHEET 37

SCALE: 1" = 20'



**EDGAR COUNTY
HIGHWAY DEPARTMENT**

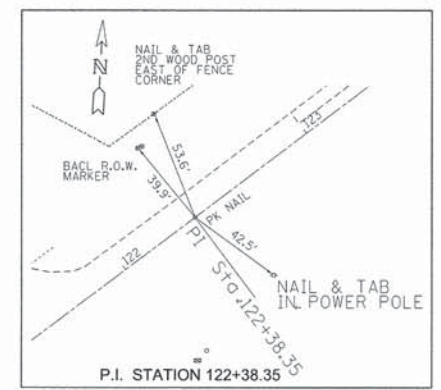
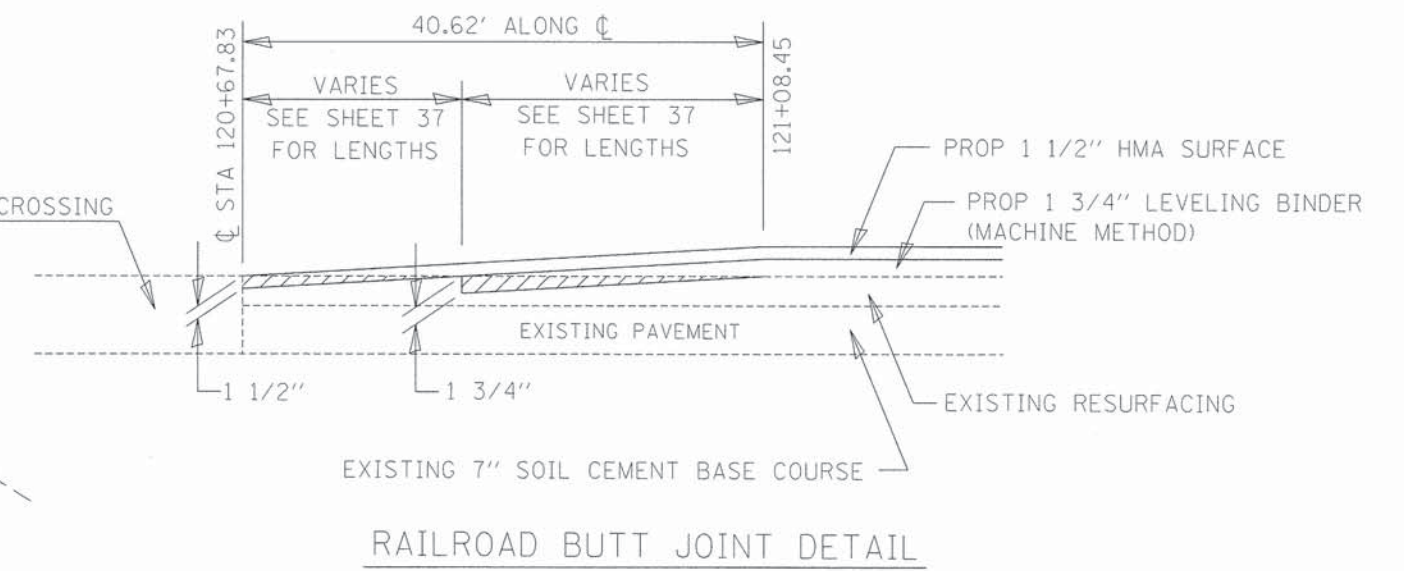
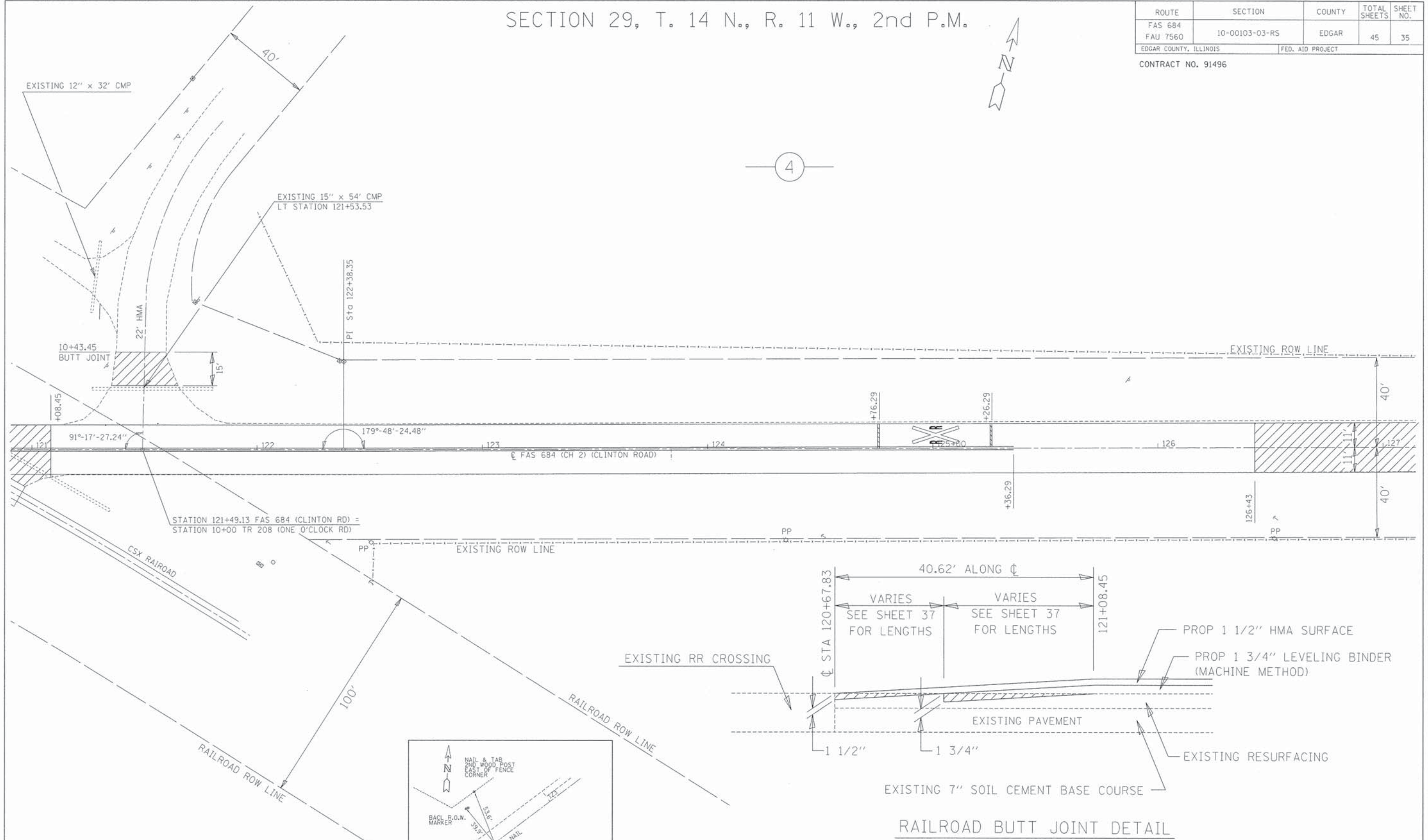
 HMA SURFACE REMOVAL - BUTT JOINT

BM #5: CUT SQUARE NORTH END OF HEADWALL
55.60' RT STATION 119+44.00, ELEV. 673.00

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

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	35
EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		

CONTRACT NO. 91496



FOR PAVEMENT PROFILES AT RAILROAD, SEE SHEET 37

SCALE: 1" = 20'

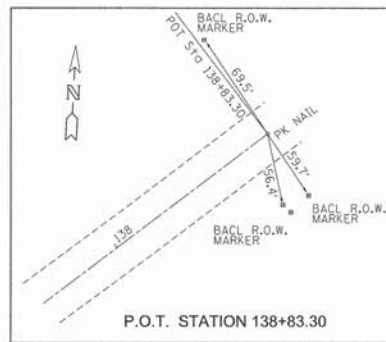
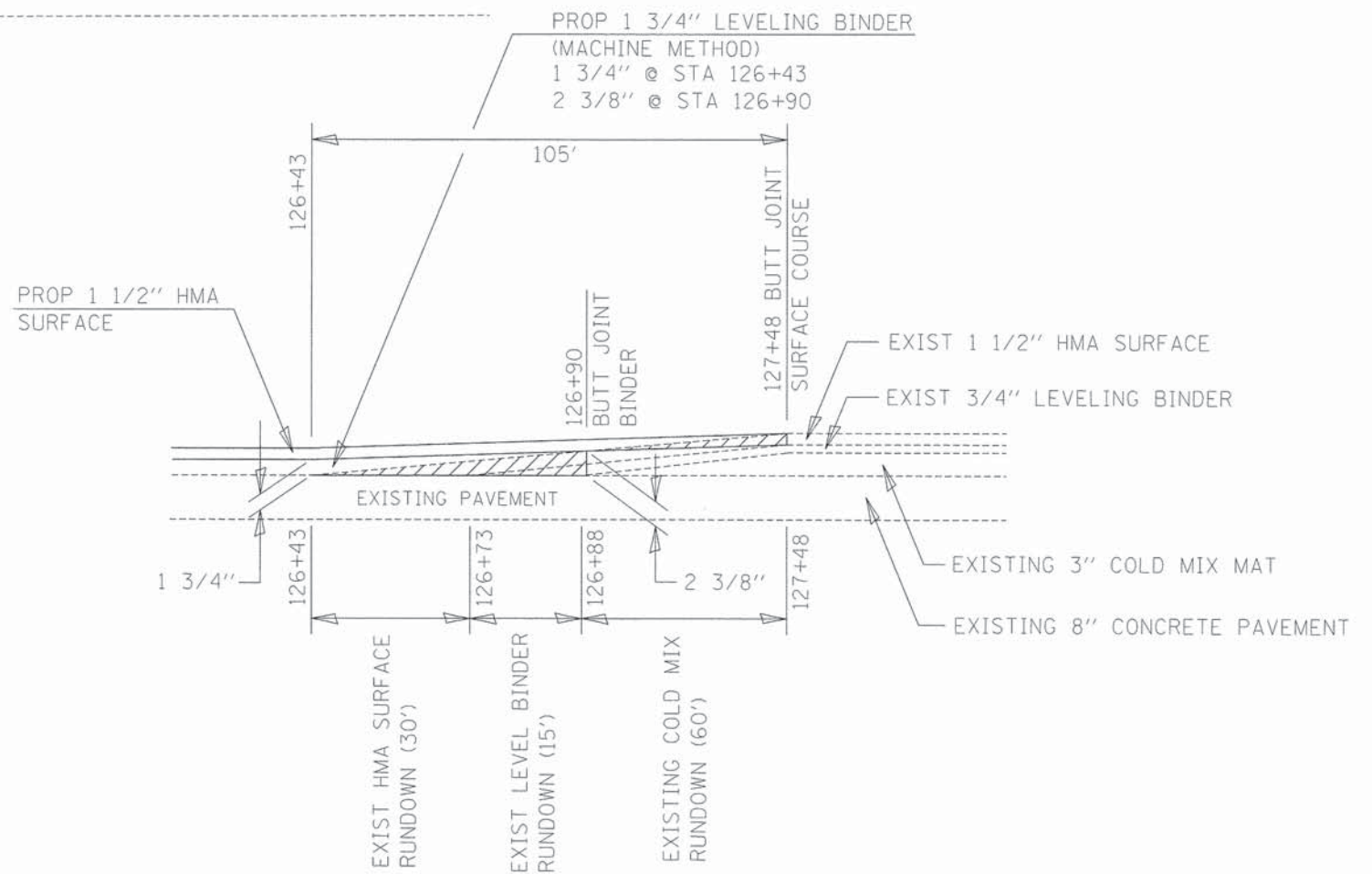
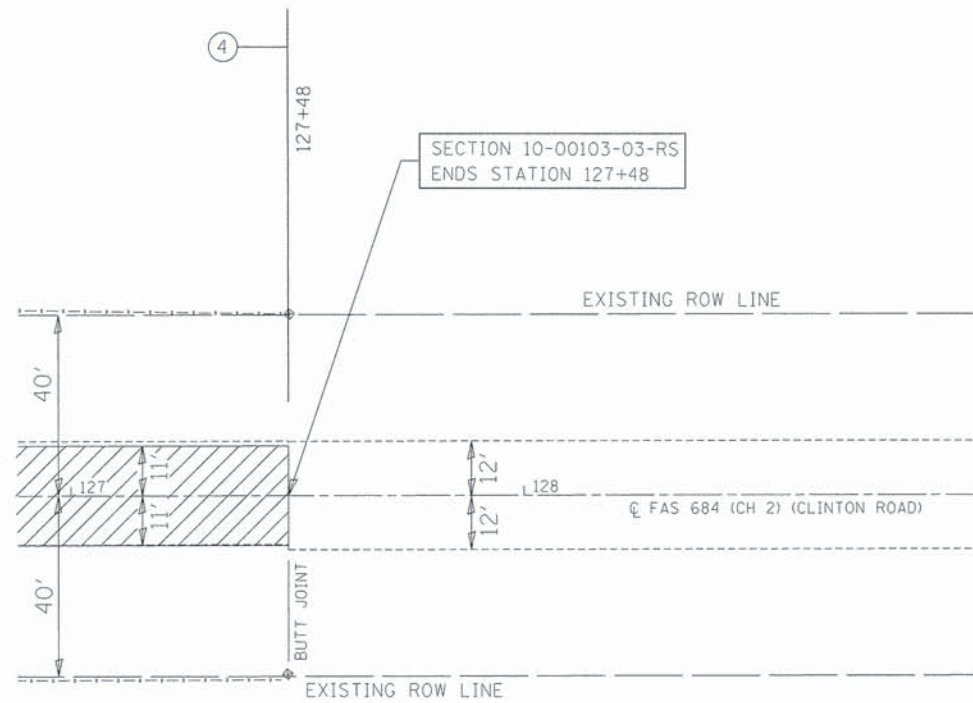
EDGAR COUNTY HIGHWAY DEPARTMENT

HMA SURFACE REMOVAL - BUTT JOINT

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

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	36
EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		

CONTRACT NO. 91496



 HMA SURFACE REMOVAL - BUTT JOINT

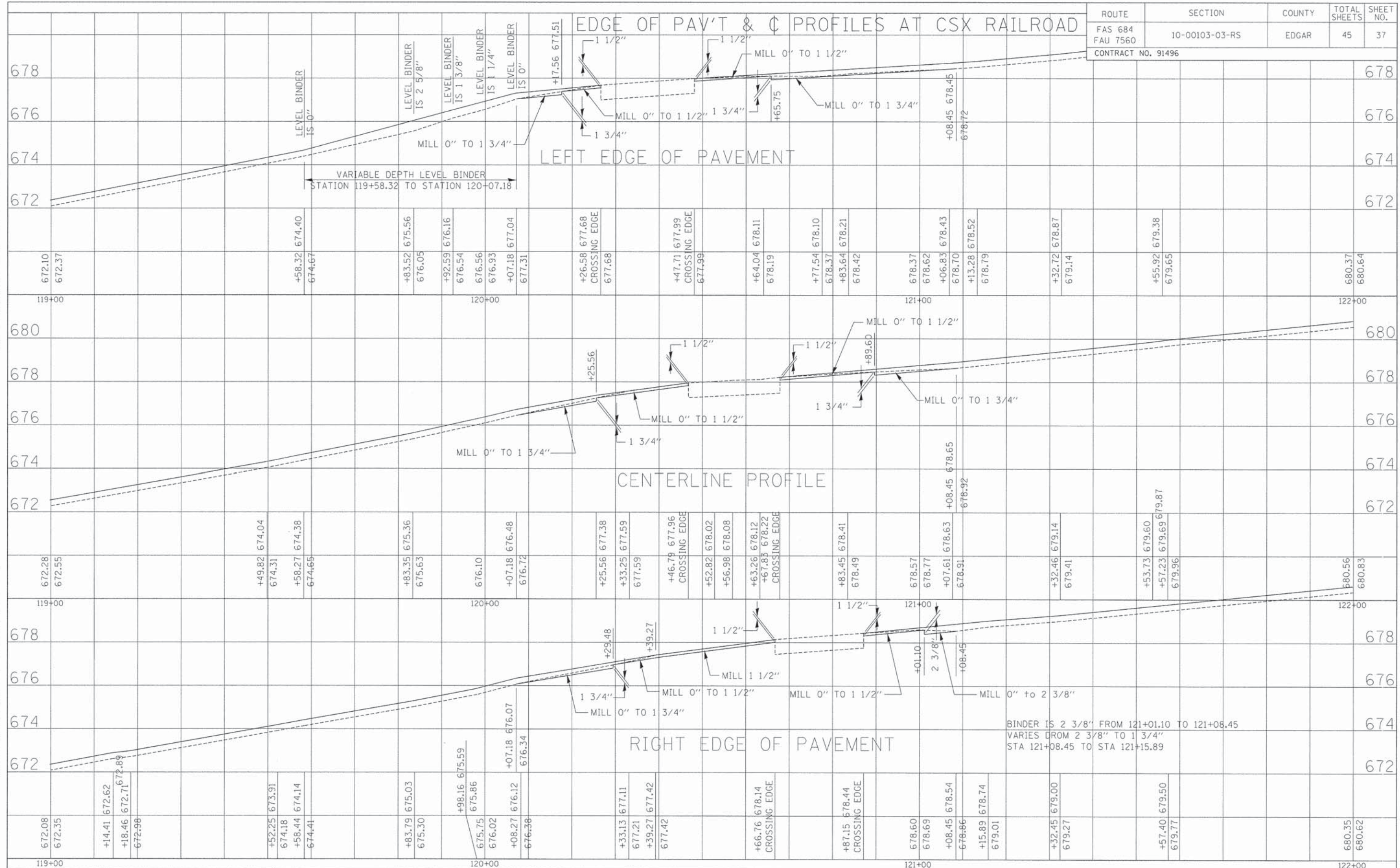
SCALE: 1" = 20'



**EDGAR COUNTY
HIGHWAY DEPARTMENT**

BUTT JOINT DETAIL

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	37
CONTRACT NO. 91496				



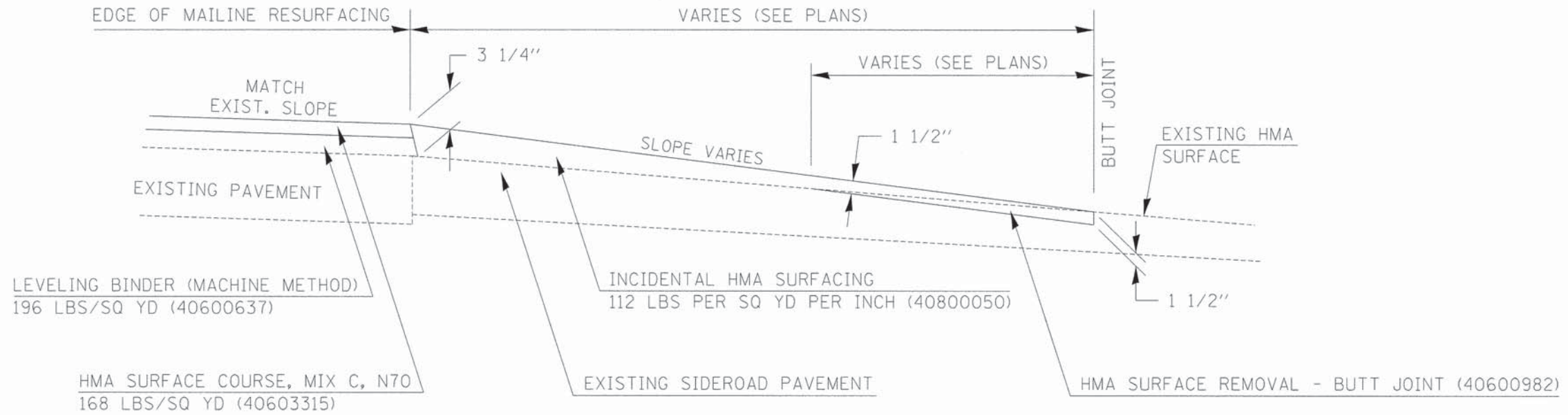
FINAL SURVEY	DATE
DRAWING	BY
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

ORIGINAL SURVEY	DATE
DRAWING	BY
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

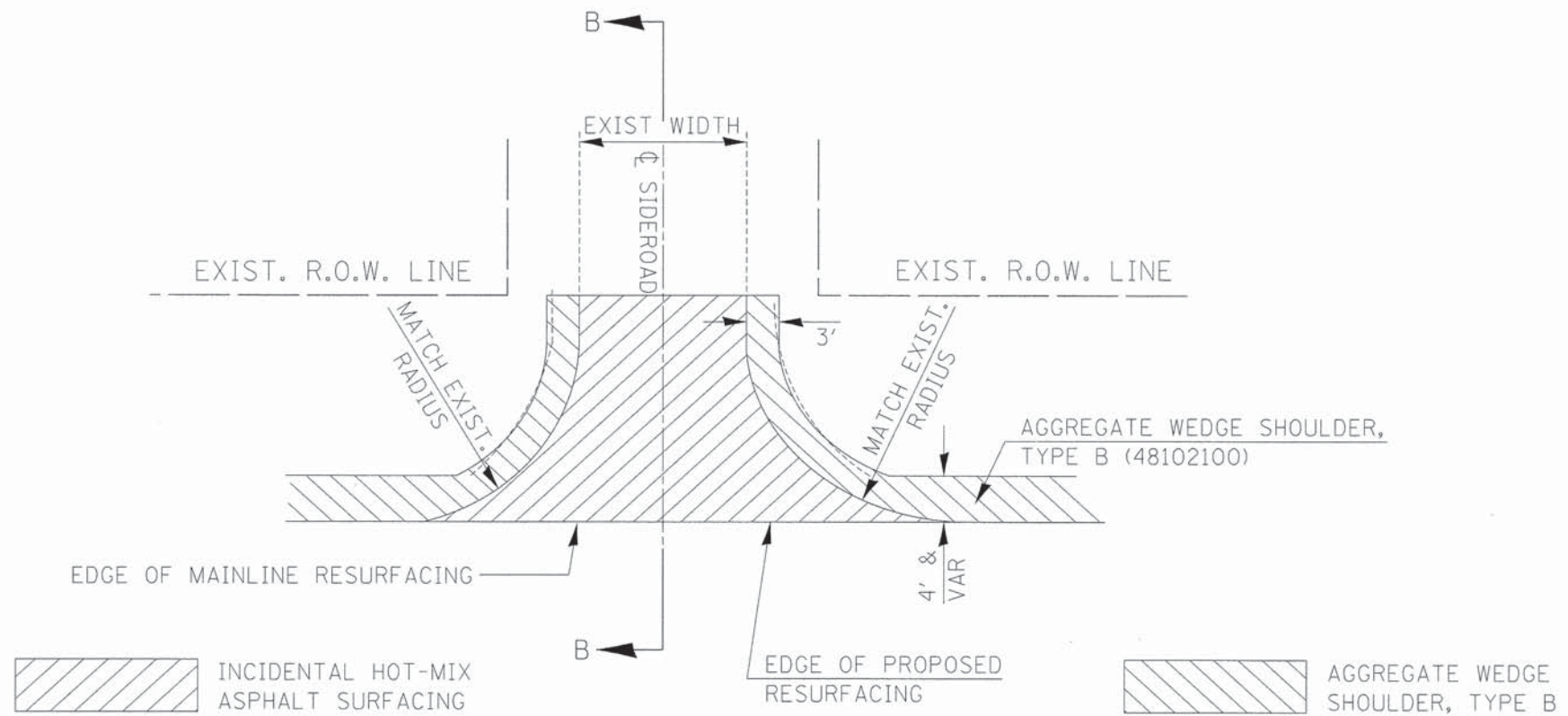
SIDEROAD RESURFACING DETAIL

OUTSIDE OF EXISTING GUTTER AREAS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	38
CONTRACT NO. 91496		FED. AID PROJECT		



SECTION B-B



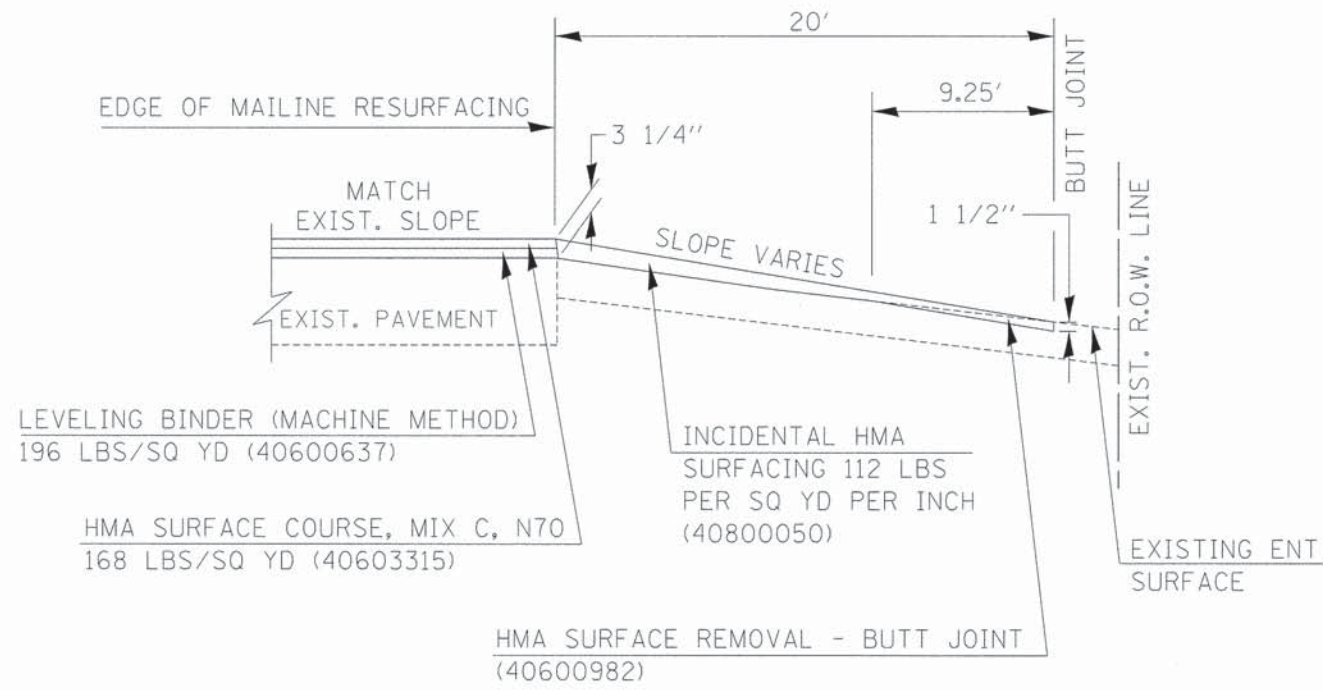
**EDGAR COUNTY
HIGHWAY DEPARTMENT**

PRIVATE & COMMERCIAL ENTRANCE DETAILS

OUTSIDE OF EXISTING GUTTER AREAS

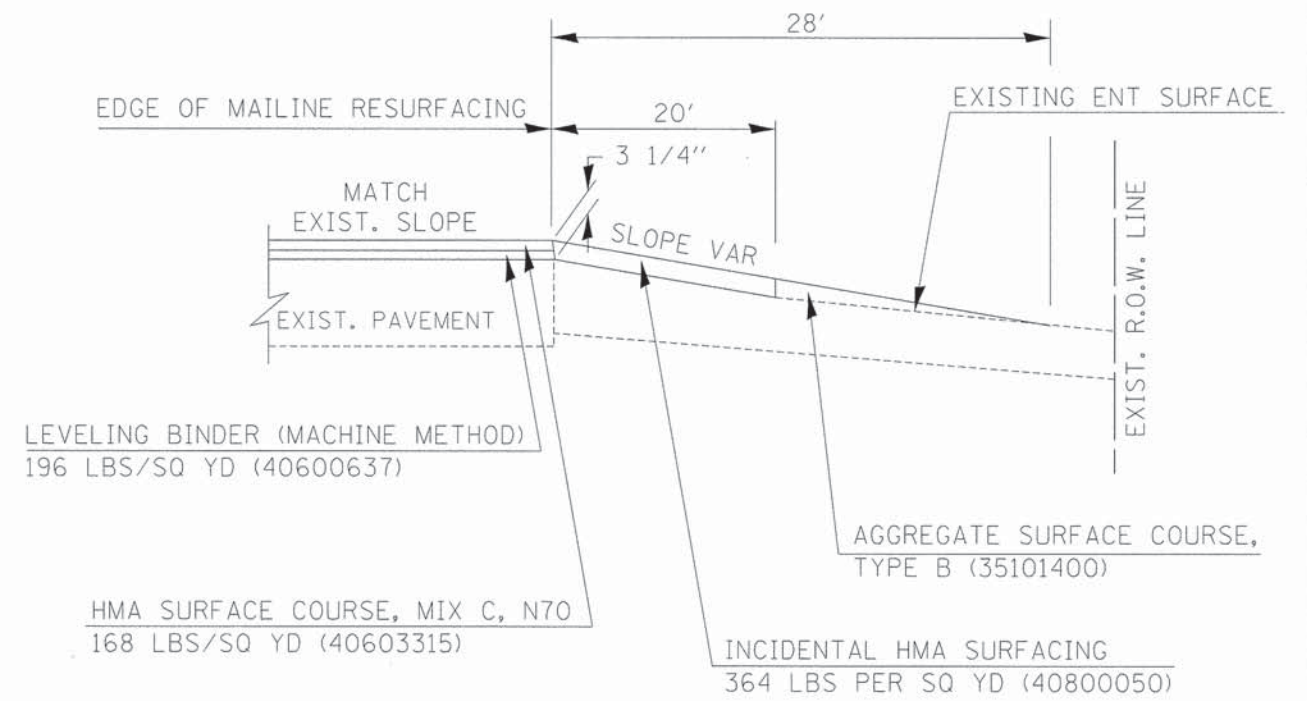
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	39
CONTRACT NO. 91496		FED. AID PROJECT		

EXISTING HMA OR CONCRETE SURFACE

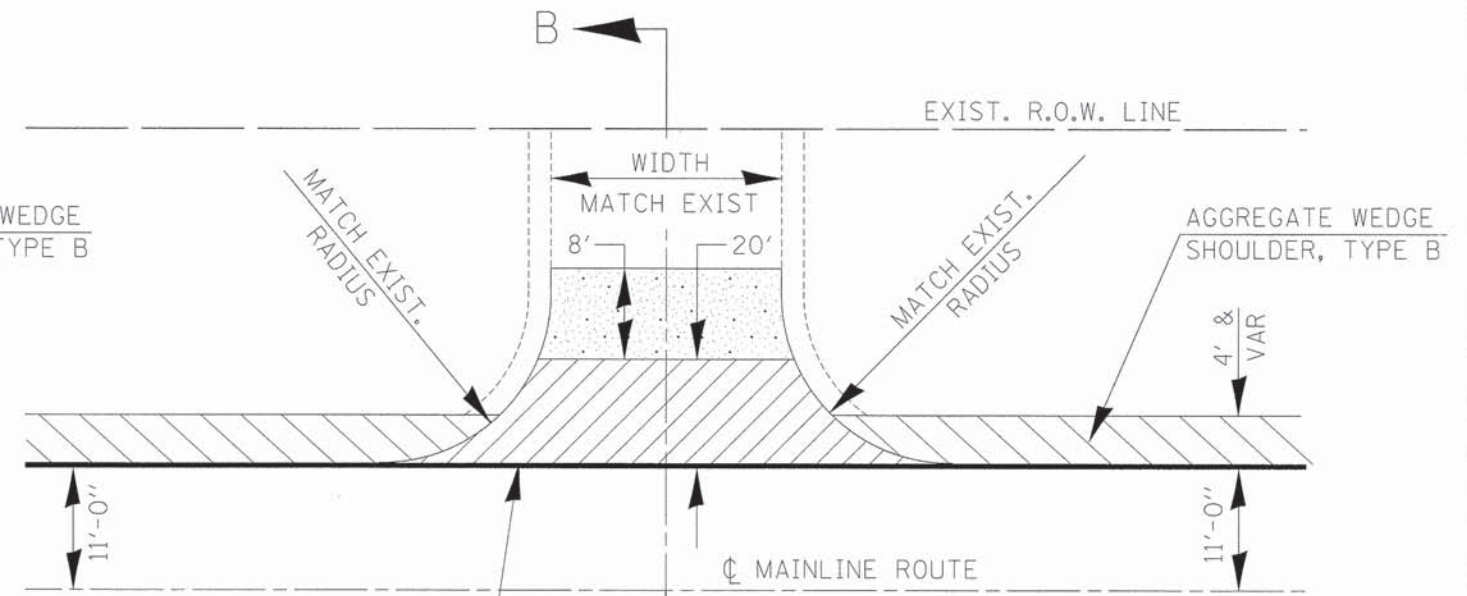
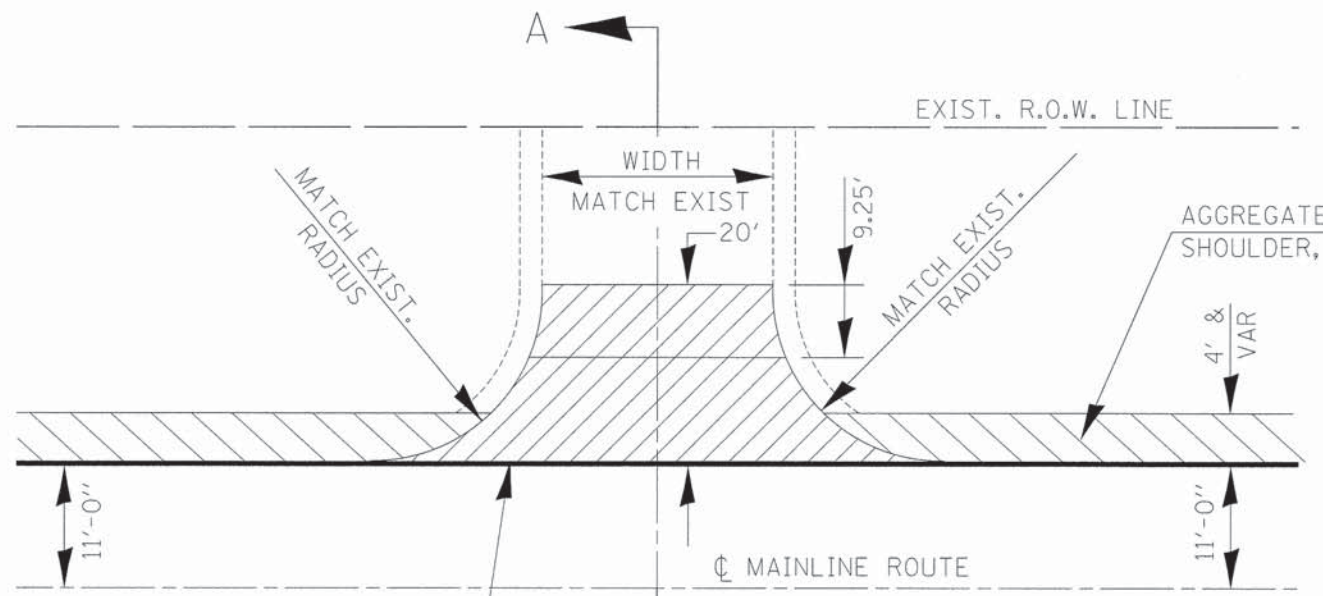


SECTION A-A

EXISTING AGGREGATE SURFACE



SECTION B-B



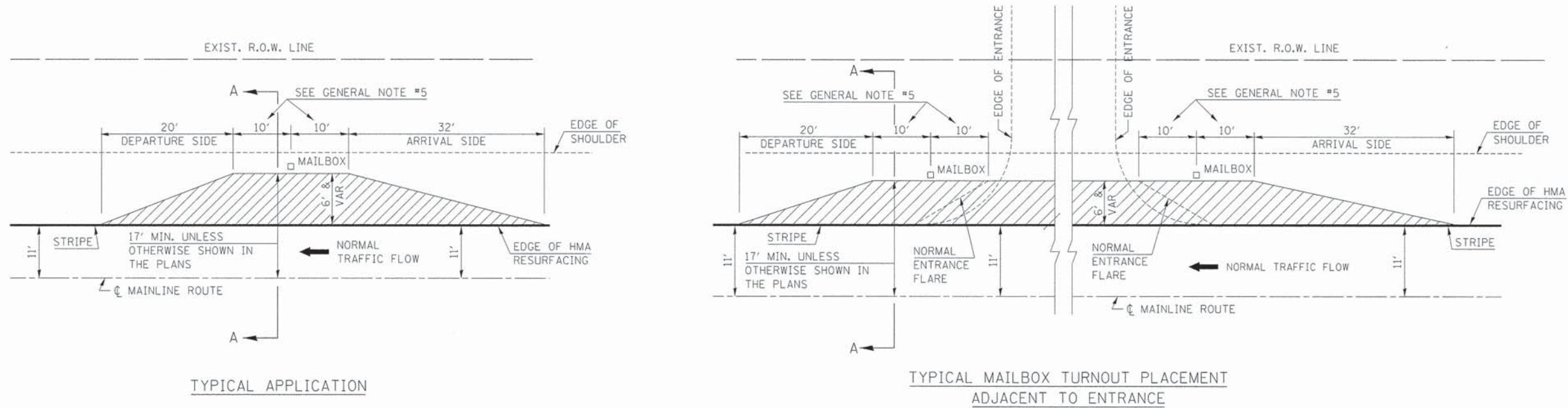
- INCIDENTAL HOT-MIX ASPHALT SURFACING
- AGGREGATE WEDGE SHOULDER, TYPE B

- AGGREGATE SURFACE COURSE, TYPE B
- INCIDENTAL HOT-MIX ASPHALT SURFACING

MAILBOX TURNOUT DETAILS

OUTSIDE OF EXISTING GUTTER AREAS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	40
CONTRACT NO. 91496		FED. AID PROJECT		



TYPICAL APPLICATION

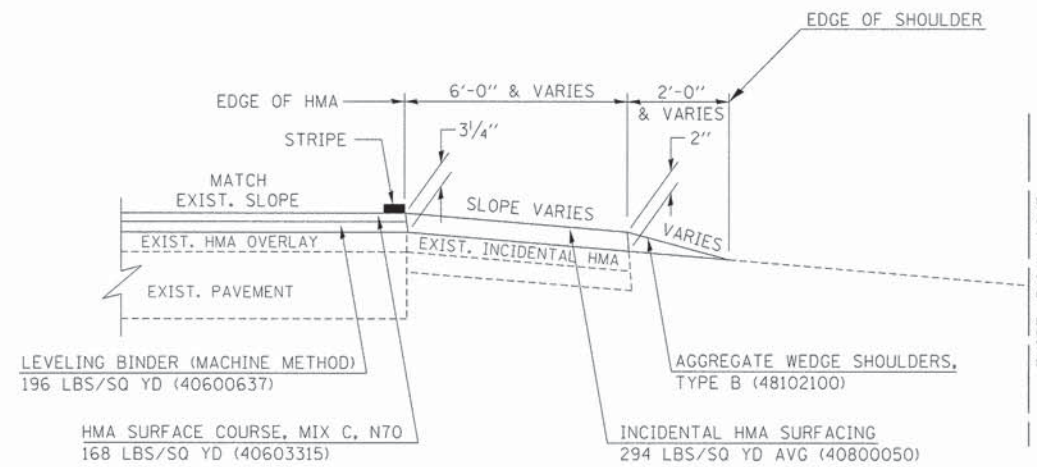
TYPICAL MAILBOX TURNOUT PLACEMENT ADJACENT TO ENTRANCE

NOTE: ALL DIMENSIONS SHOWN ARE MINIMUMS. CONSTRUCT TURNOUTS TO EXISTING DIMENSIONS IF GREATER THAN THOSE SHOWN.



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.
7. AGGREGATE SURFACE COURSE, TYPE B, 6" MIN. 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.



SECTION A-A

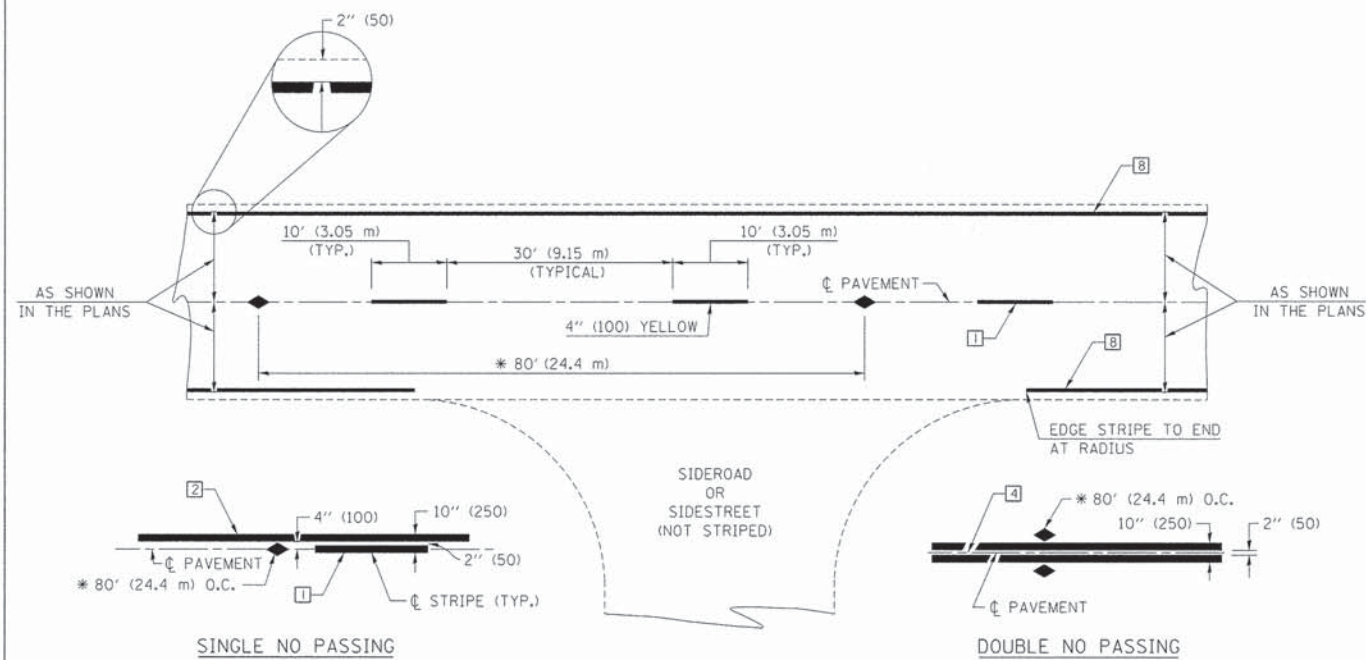
M:\Projects\Clinton Road Urban Resurfacing\Turnouts and Details\Turnouts.dwg

11/17/2013
SCALE: NONE



**EDGAR COUNTY
HIGHWAY DEPARTMENT**

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	41
CONTRACT NO. 91496		FED. AID PROJECT		



* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

TWO LANE/TWO WAY

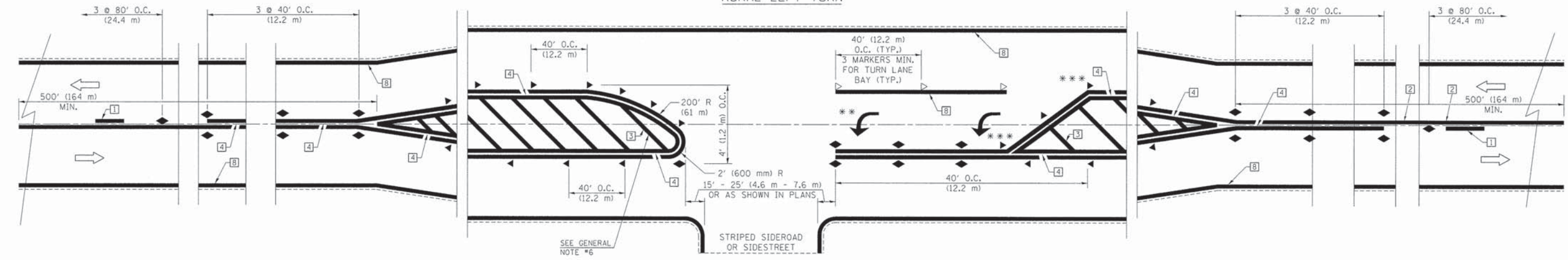
TYPICAL PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
 - 2 4" (100) SOLID (YELLOW)
 - 3 12" (300) DIAGONAL (YELLOW)
 - 4 4" (100) DOUBLE YELLOW (NARROW)
 - 5 RESERVED
 - 6 RESERVED
 - 7 4" (100) SKIP-DASH (WHITE)
 - 8 4" (100) SOLID (WHITE)
 - 9 12" (300) DIAGONAL (WHITE)
 - 10 6" (150) SOLID (WHITE)
 - 11 24" (600) STOP BAR (WHITE)
 - 12 8" (200) SOLID (WHITE)
 - 13 4" (100) LANE LINE EXTENSIONS (WHITE)
 - 14 4" (100) PARKING WHITE
-

TYPICAL PAVEMENT MARKERS LEGEND

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

RURAL LEFT TURN

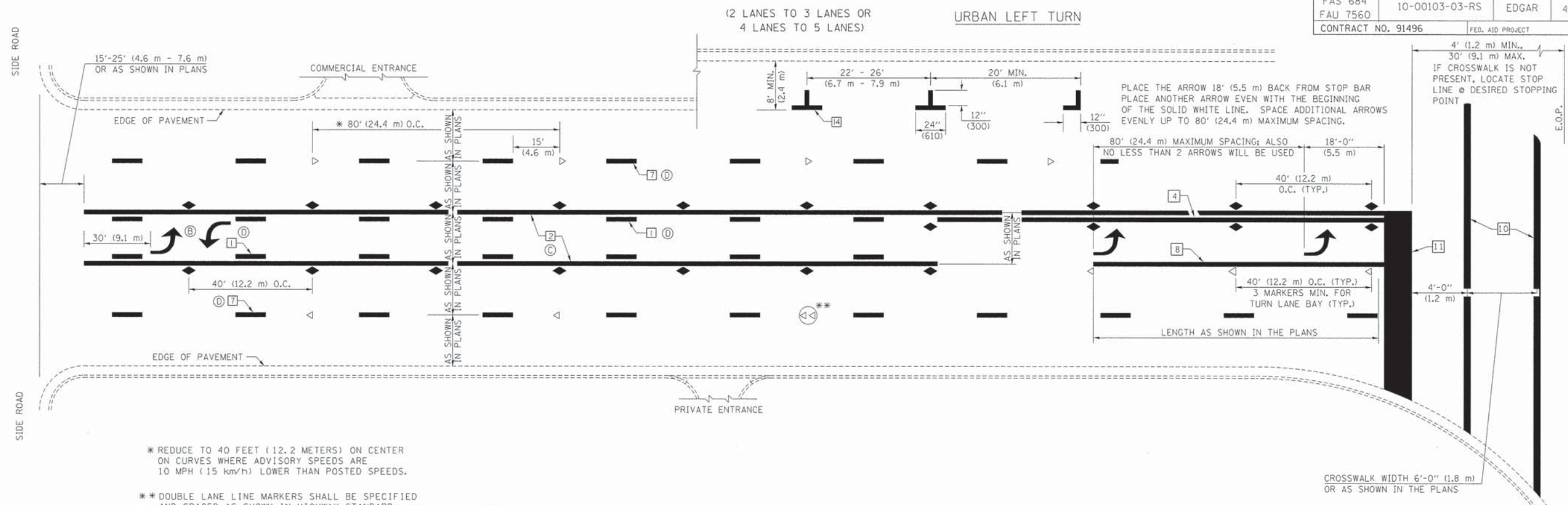


*** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.
 ** TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

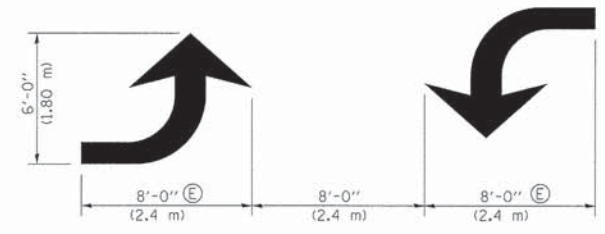
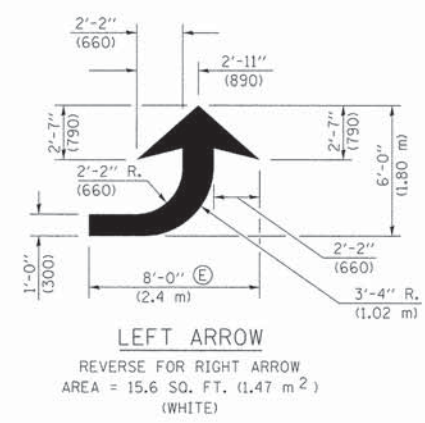
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DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	42
CONTRACT NO. 91496		FED. AID PROJECT		

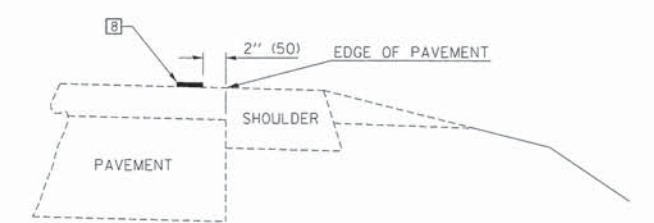


- * REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.
- ** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

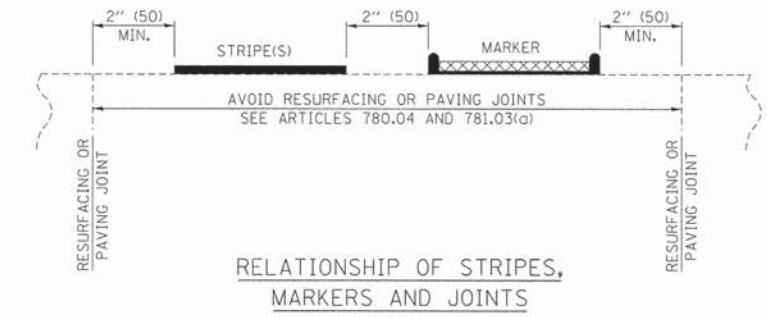
- GENERAL NOTES:**
- (B) TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.
 - (C) THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
 - (D) THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.
 - (E) USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)



TYPICAL DOUBLE TURN ARROWS (WHITE)



RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT (SAFETY SHOULDER OR PAVED SURFACE) SEE ARTICLE 780.04

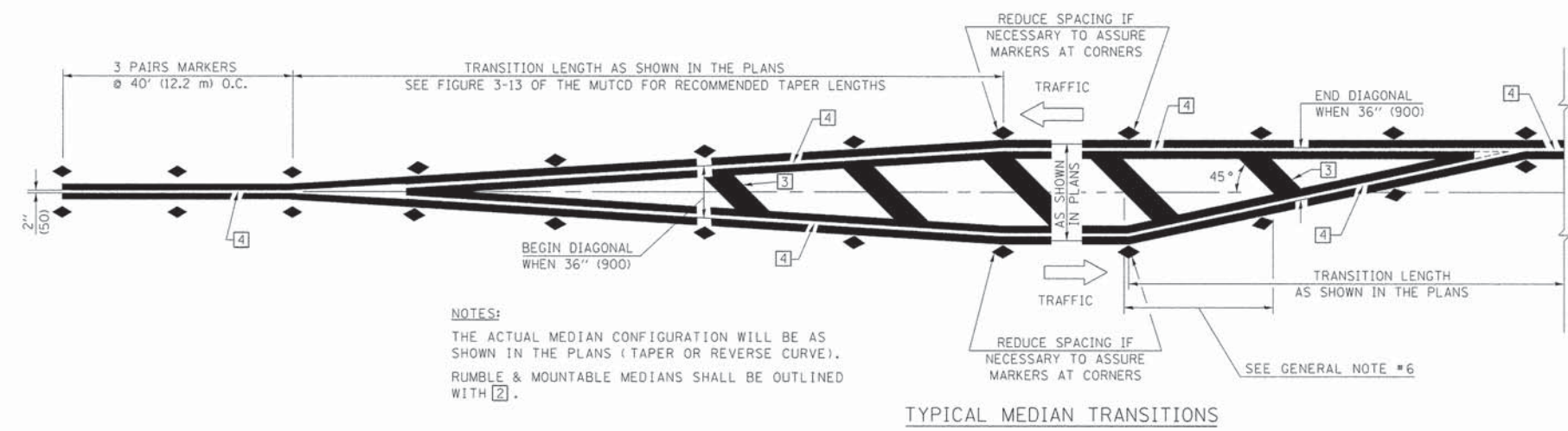


RELATIONSHIP OF STRIPES, MARKERS AND JOINTS

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

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CHECKED -	REVISED -
DATE -	REVISED -

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	43
CONTRACT NO. 91496		FED. AID PROJECT		

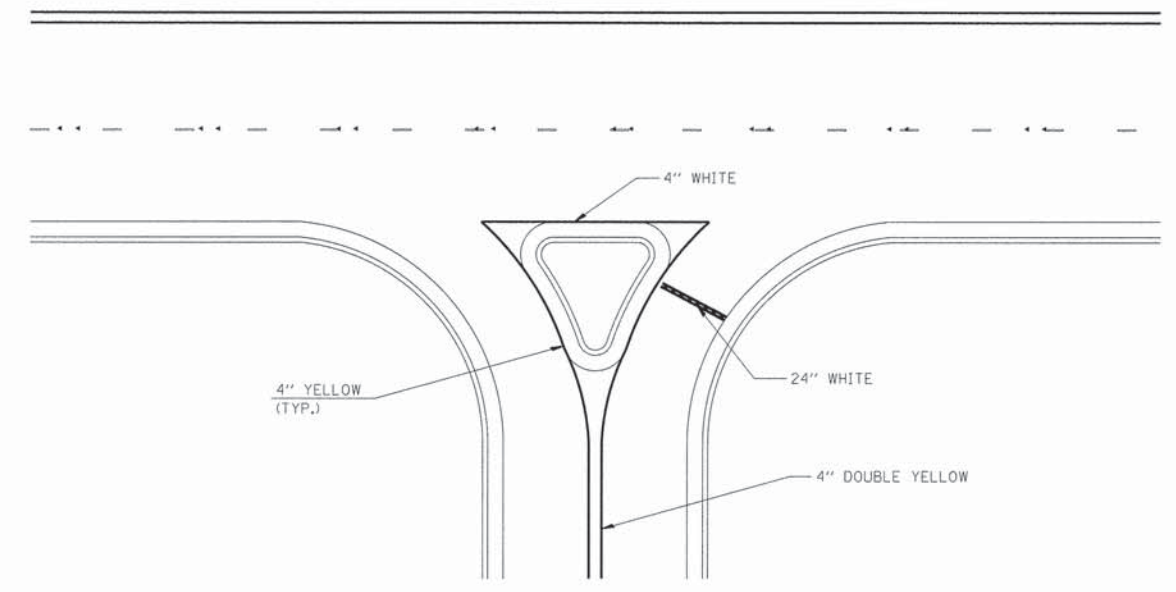


NOTES:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

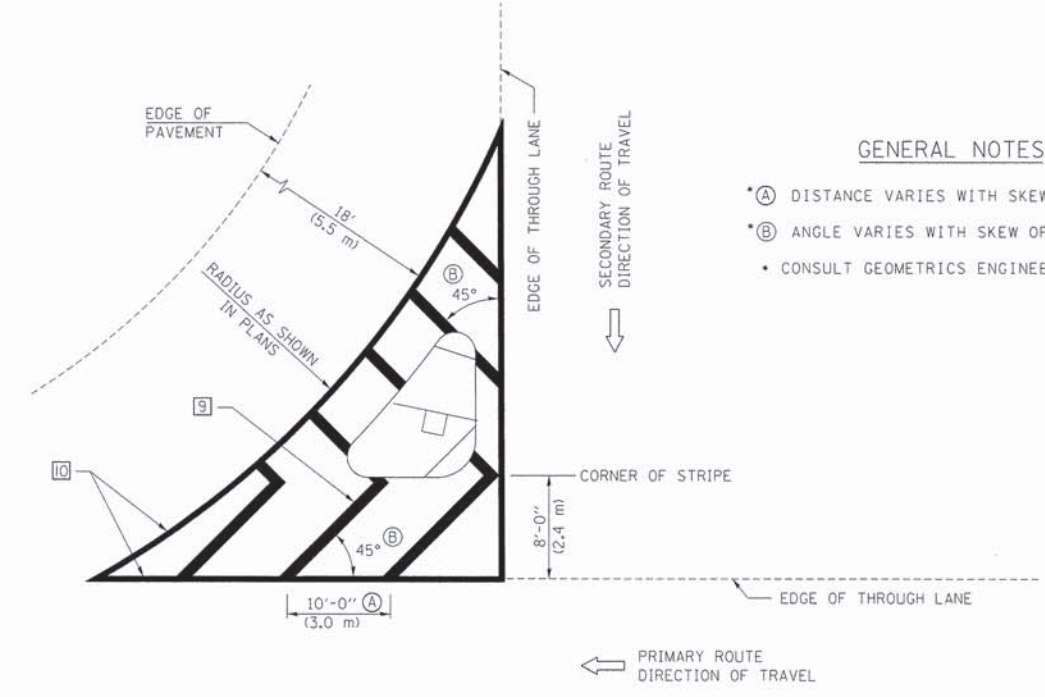
TYPICAL MEDIAN TRANSITIONS

GENERAL NOTES

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING.
 < 30 MPH USE 15' (< 50 km/h USE 4.5 m)
 30-45 MPH USE 20' (50-75 km/h USE 6.0 m)
 > 45 MPH USE 30' (> 75 km/h USE 9.0 m)



RIGHT IN - RIGHT OUT ACCESS



ISLAND

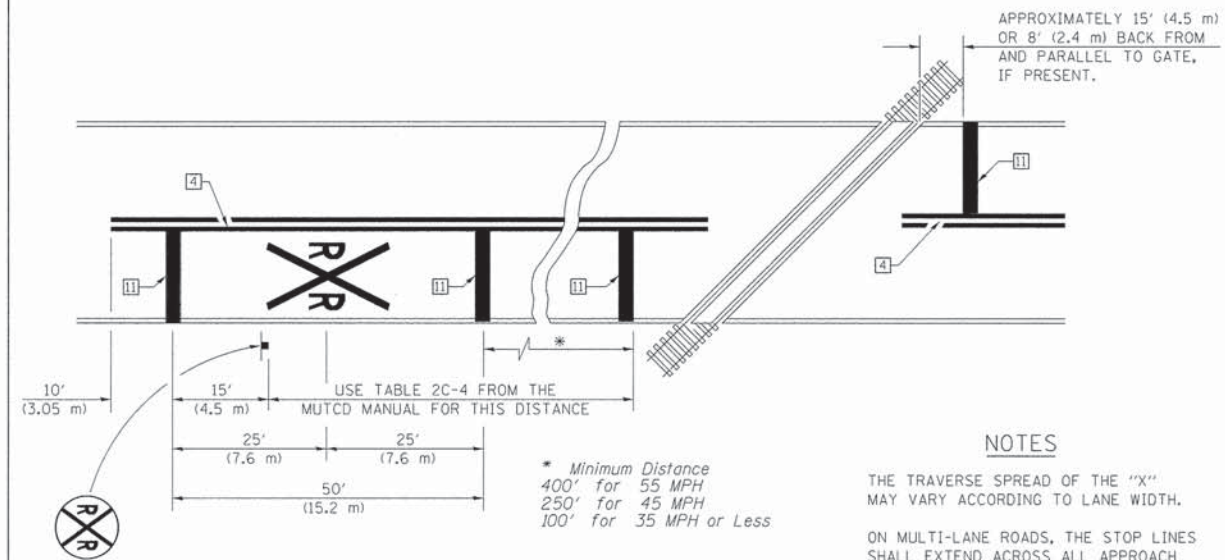
GENERAL NOTES

- (A) DISTANCE VARIES WITH SKEW OF INTERSECTION.
- (B) ANGLE VARIES WITH SKEW OF INTERSECTION.
- CONSULT GEOMETRICS ENGINEER

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

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CHECKED -	REVISED -
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ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	44
CONTRACT NO. 91496		FED. AID PROJECT		



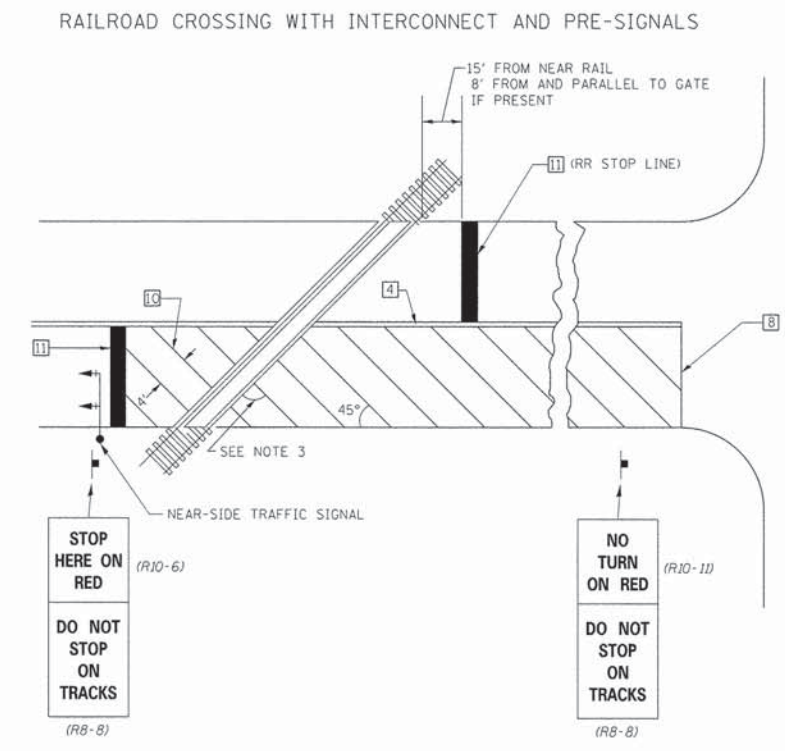
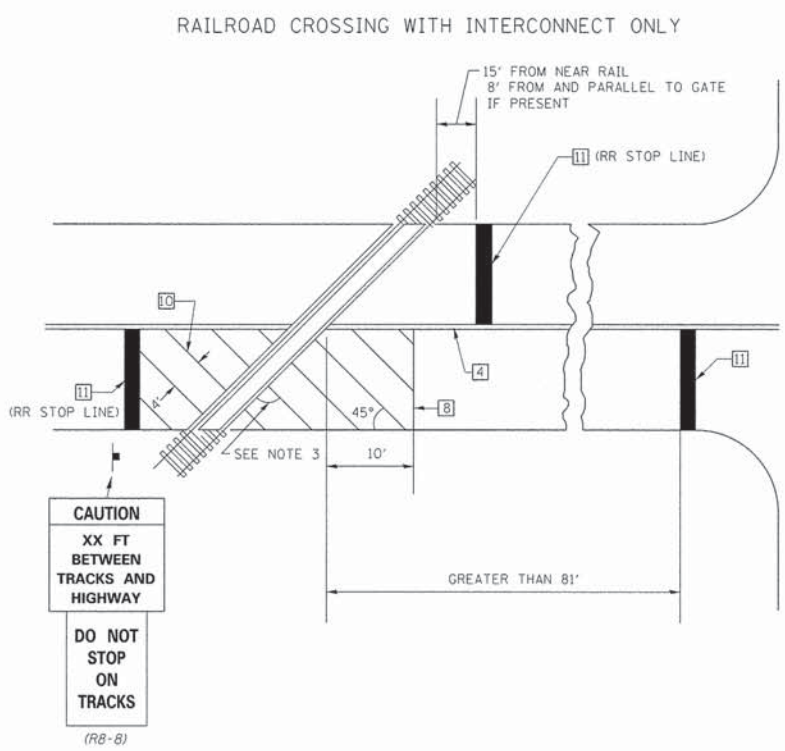
PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LINES AND SEPARATE RRX SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

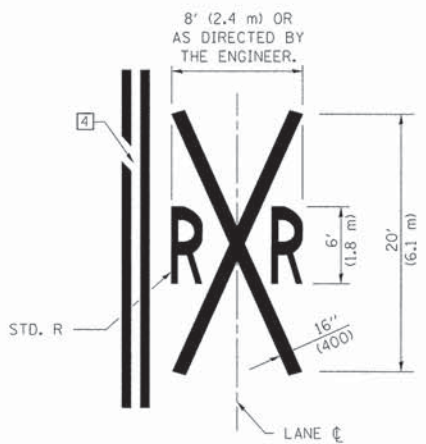
WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE 11-1, CONDITION B OF THE MUTCD.



SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

GENERAL NOTES

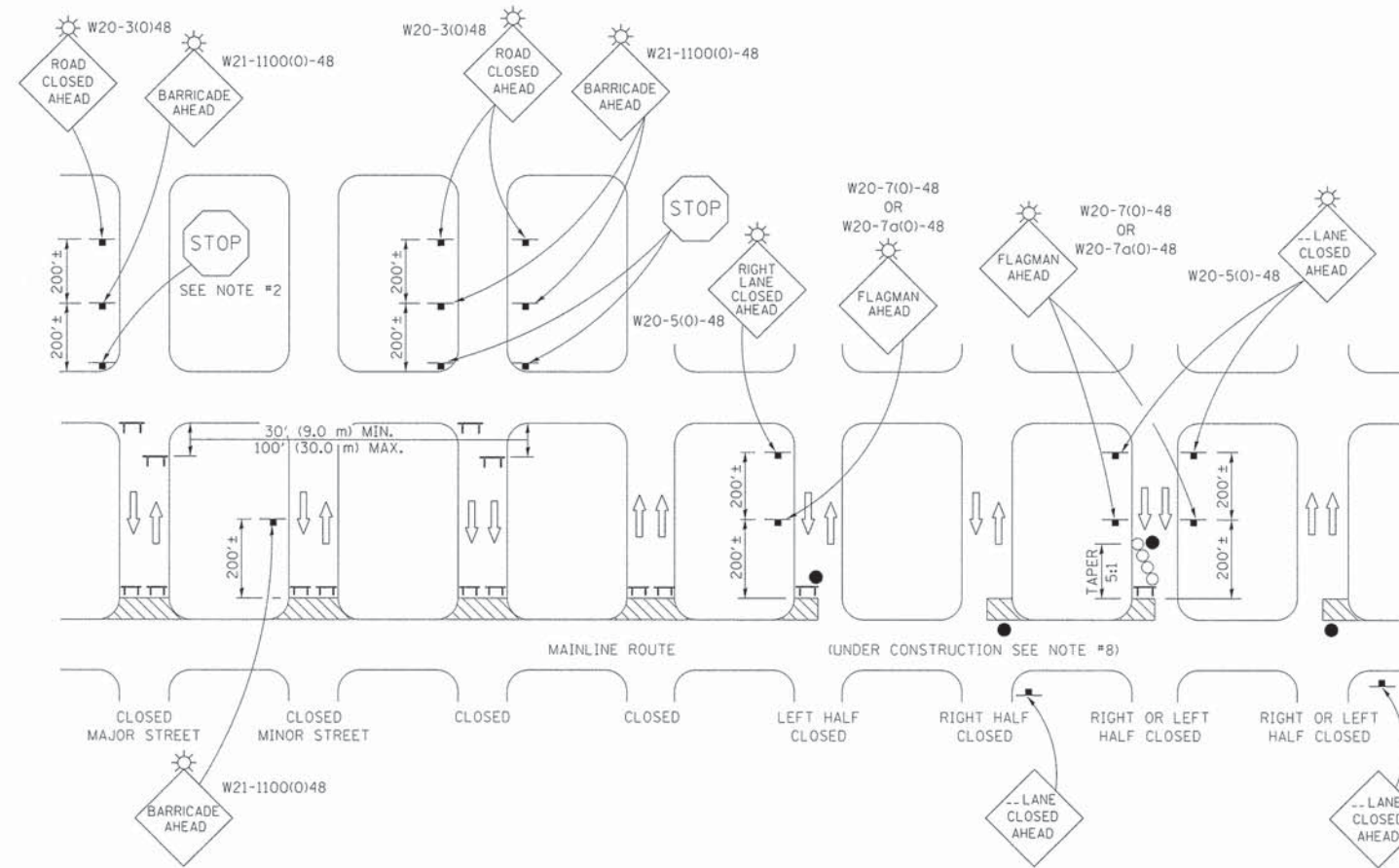
- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
- WHERE THE ANGLE BETWEEN THE DIAGONAL PAVEMENT MARKINGS AND THE TRACK WOULD BE LESS THAN 20°, THE PAVEMENT MARKINGS SHOULD BE PLACED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.



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TRAFFIC CONTROL FOR SIDEROADS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 684 FAU 7560	10-00103-03-RS	EDGAR	45	45
CONTRACT NO. 91496		FED. AID PROJECT		



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, SHOWN ON THIS DETAIL, INCLUDING FLAGGERS, AND ANY ADDITIONAL DEVICES DEEMED NECESSARY BY THE ENGINEER TO SAFEGUARD TRAFFIC AT SIDE ROADS AND ENTRANCES 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
HIGHWAY DEPARTMENT