

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411RS-2	MACOUPIN	52	1
		ILLINOIS	CONTRACT NO. 72D11	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

ROADWAY CLASSIFICATION

MINOR ARTERIAL

DESIGN SPEED = 60MPH

AVERAGE TRAFFIC YEAR 2019

START OF PROJECT TO IL 111
ADT: 2,100 (SU 3.3%, MU 16.4%)

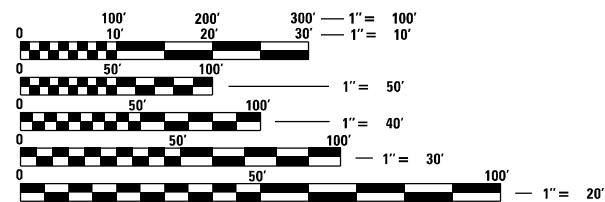
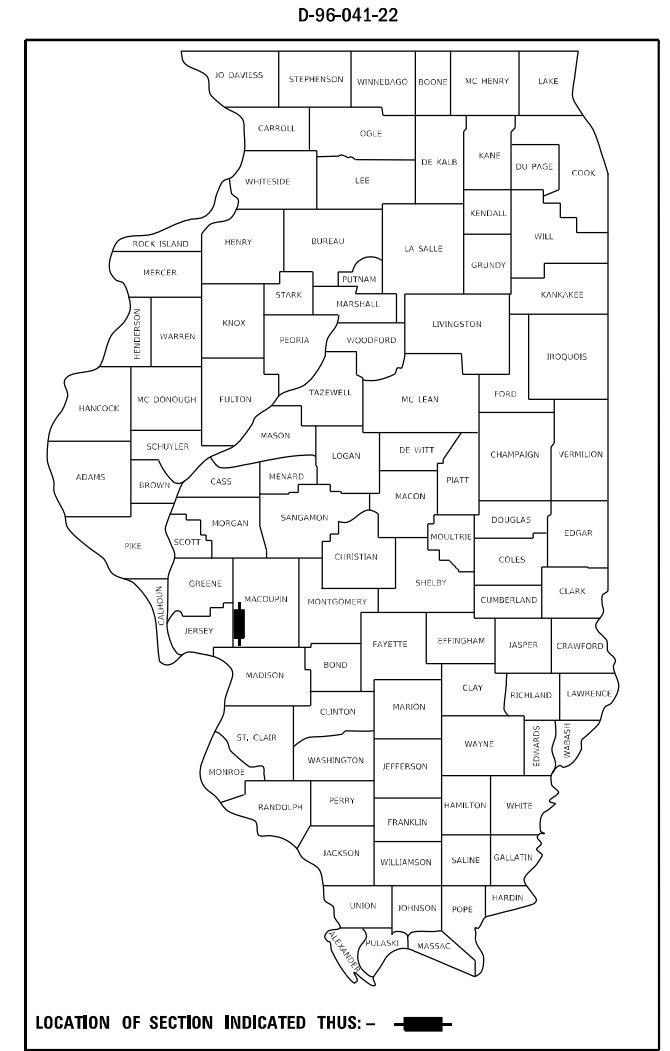
IL 111 TO FS ROAD
ADT: 3,000 (SU 3.3%, MU 13.3%)

FS ROAD TO IL 16
ADT: 4,400 (SU 3.9%, MU 9.7%)

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 10 (IL 267, IL 111)
SECTION 128RS-5, 126RS-7, 411RS-2
PROJECT STP-ACLY(948)
STANDARD AND DESIGN OVERLAY
MACOUPIN COUNTY

C-96-049-22



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.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811

IMPROVEMENT BEGINS

STA 478+65.97 R1

STATION EQUATION
STA 499+14.86 (BK) =
STA 499+14.50 (AH)

STATION EQUATION
STA 543+99.11 (BK) =
STA 1566+14.78 (AH)

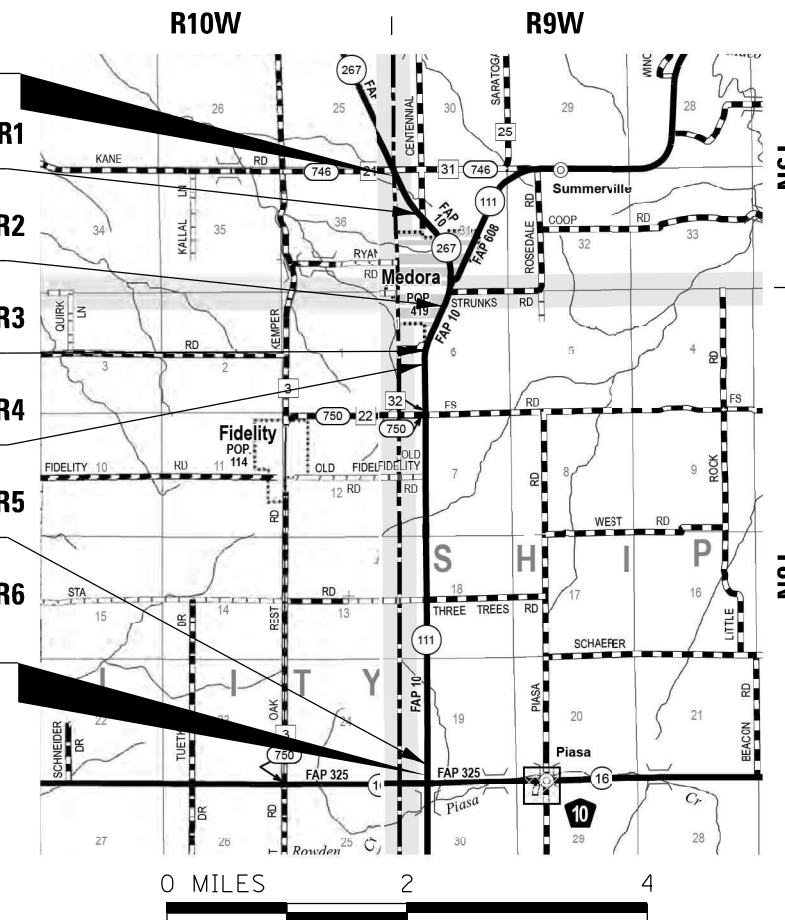
STATION EQUATION
STA 1590+74.58 (BK) =
STA 1590+79.78 (AH)

STATION EQUATION
STA 1594+73.90 (BK) =
STA 43+67.02 (AH)

STATION EQUATION
STA 218+00.00 (BK) =
STA 218+00.27 (AH)

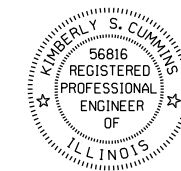
IMPROVEMENT ENDS

STA 222+15.00 R6



PROJECT ENGINEER BRIAN LANINGHAM (217)782-6709

GROSS LENGTH = 27,235.13 FT. = 5.158 MILE
NET LENGTH = 27,235.13 FT. = 5.158 MILE



Kimberly S. Cummins 3/24/22
ILLINOIS PROFESSIONAL NO. 56816
(Expires 11/30/23)

CONTRACT NO. 72D11

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 25 20 22

John P. Meyer
REGIONAL ENGINEER

May 13, 2022 *Scott A. Etkin*
ENGINEER OF DESIGN AND ENVIRONMENT

May 13, 2022 *Stephen M. Spauld*
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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INDEX OF SHEETS

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- 33. BUTT JOINT / TRANSITION DETAILS
- 34. SUPERELEVATION TRANSITION DETAIL
- 35-36. 3P ENTRANCE DETAIL
- 37-40. CULVERT DETAILS
- 41-52. CROSS SECTIONS

GENERAL NOTES

- 1. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
- 2. ALL ELEVATIONS SHOWN ON THE PLANS ARE ESTABLISHED FROM U.S.G.S. MEAN SEA LEVEL DATUM.
- 3. CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE HOT-MIX ASPHALT SURFACE. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCE, TURN LANES, ETC. WILL BE ALLOWED.
- 4. THE DISTRICT BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 14 DAYS PRIOR TO PLACEMENT OF FINAL PAVEMENT MARKING. PHONE (217) 782-7314
- 5. ANY EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED.
- 6. ALL SAW CUTS, NECESSARY TO COMPLETE THE WORK DETAILED IN THESE PLANS SHALL BE INCLUDED IN THE COST FOR THE VARIOUS PAY ITEMS INVOLVED. THE MINIMUM SAW CUT DEPTH IN THE PAVEMENT SHALL BE 1 1/2" UNLESS OTHERWISE SPECIFIED IN A DETAIL SHOWN IN THE PLANS.
- 7. STRUCTURE WORK
 STATION 485+84.42 R1 4'X6' RCBC - TO BE EXTENDED.
 STATION 517+87.68 R2 5'X3' RCBC - TO BE EXTENDED.

APPLICATION RATES

GRANULAR MATERIALS	1.6 TONS/CU YD
HOT-MIX ASPHALT	112 LBS/SQ YD/IN
BITUMINOUS MATERIALS (TACK COAT)	0.05 LBS/SQ FT
ON MILLED OR EXISTING HMA SURFACES	
BITUMINOUS MATERIALS (TACK COAT)	0.025 LBS/SQ FT
BETWEEN HMA LIFTS	

COMMITMENTS

NONE

HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREA OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 442201-03 CLASS C AND D PATCHES
- 630001-12 STEEL PLATE BEAM GUARDRAIL
- 630106-02 LONG-SPAN GUARDRAIL OVER CULVERT
- 630301-09 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
- 701001-02 OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (AWAY)
- 701006-05 OFF-RD OPERATIONS, 15' TO 24' FROM PAVEMENT EDGE
- 701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
- 701311-03 LANE CLOSURE, MOVING OPERATIONS - DAY ONLY
- 701901-08 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 782006-01 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
- 420001-10 PAVEMENT JOINTS
- 725001-01 OBJECT AND TERMINAL MARKERS

EXISTING STATION EQUATIONS


- STATION EQUATION 1
STA 499+14.86 R1 BK= STA 499+14.50 R2 AH
- STATION EQUATION 2
STA 543+99.11 R2 BK = 1566+14.78 R3 AH
- STATION EQUATION 3
STA 1590+74.58 R3 BK = 1590+79.78 R4 AH
- STATION EQUATION 4
STA 1594+73.90 R4 BK = 43+67.02 R5 AH
- STATION EQUATION 5
STA 218+00.00 R5 BK = 218+00.27 R6 AH


MIXTURE REQUIREMENTS

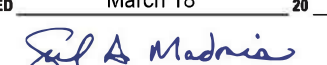
LOCATION	IL 267 /IL 111	IL 267 /IL 111	IL 267	IL 267 /IL 111	IL 267 /IL 111	IL 267 /IL 111	IL 267 /IL 111	SIDE RD & ENT
MIXTURE USE	HMA SURFACE CSE	HMA BINDER CSE 1.25"	HMA BINDER CSE 2.25"	HMA SHOULDERS (TOP LIFT)	HMA SHOULDERS (BOTTOM LIFT)	PAVEMENT PATCHING	PAVEMENT PATCHING	INCIDENTAL SURFACING
PG:	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0 @ NDESIGN=50	4.0 @ NDESIGN=50	4.0 @ NDESIGN=50	4.0 @ NDESIGN=50	4.0 @ NDESIGN=50	4.0 @ NDESIGN=50	4.0 @ NDESIGN=50	4.0 @ NDESIGN=50
MIX COMPOSITION:	IL 9.5	IL 9.5FG	IL 19.0	IL 9.5	IL 19.0	IL 19.0	IL 19.0	IL 9.5
FRICTION AGGREGATE:	MIX C	N.A.	N.A.	MIX C	MIX C	MIX C	MIX C	MIX C
MIXTURE WEIGHT:	112	112	112	112	112	112	112	112
QUALITY MANAGEMENT PROGRAM	QCP	QCP	QCP	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA
SUBLOT SIZE:	1000 TONS	1000 TONS	1000 TONS	N.A.	N.A.	N.A.	N.A.	N.A.
MATERIAL TRANSFER DEVICE REQUIRED:	YES	NO	NO	NO	NO	NO	NO	NO

NOTE: NUCLEAR GAUGE WILL BE USED FOR VERIFICATION BY THE ENGINEER FOR ALL QC/QA ITEMS.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
DISTRICT 6**

EXAMINED March 23 20 22

 ENGINEER OF OPERATIONS

EXAMINED March 18 20 22

 ENGINEER OF PROJECT IMPLEMENTATION

EXAMINED March 18 20 22

 ENGINEER OF PROGRAM DEVELOPMENT

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP 10 (IL 267 /IL 111)
GENERAL NOTES**

SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128R5-5, 126R5-7, 411R	MACOUPIN	52	2
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72D11	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	PPS# 6-01419-0000	
				STP - RURAL	
				80% FED 20% STATE	
				ROADWAY	
				0005	RURAL
20200100	EARTH EXCAVATION	CU YD	1,034		1,034
25000210	SEEDING, CLASS 2A	ACRE	0.75		0.75
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	71		71
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	71		71
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	71		71
25000700	AGRICULTURAL GROUND LIMESTONE	TON	1.6		1.6
25100115	MULCH, METHOD 2	ACRE	0.75		0.75
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	79		79
28000305	TEMPORARY DITCH CHECKS	FOOT	5		5
28100107	STONE RIPRAP, CLASS A4	SQ YD	180		180
28200200	FILTER FABRIC	SQ YD	180		180
35800100	PREPARATION OF BASE	SQ YD	40		40
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	28		28
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	62,905		62,905

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	PPS# 6-01419-0000	
				STP - RURAL	
				80% FED 20% STATE	
				ROADWAY	
				0005	RURAL
40600370	LONGITUDINAL JOINT SEALANT	FOOT	27,512		27,512
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2,381		2,381
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	105		105
40600990	TEMPORARY RAMP	SQ YD	849		849
40602965	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50	TON	4,159		4,159
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	1,718		1,718
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	6,136		6,136
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	357		357
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	92,006		92,006
44200168	PAVEMENT PATCHING, TYPE II, 14 INCH	SQ YD	81		81
44200172	PAVEMENT PATCHING, TYPE III, 14 INCH	SQ YD	104		104
44200174	PAVEMENT PATCHING, TYPE IV, 14 INCH	SQ YD	170		170
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1,363		1,363
48203100	HOT-MIX ASPHALT SHOULDERS	TON	2,826		2,826

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP 10 (IL 267 / IL 111)
SUMMARY OF QUANTITIES**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	3
CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

				PPS# 6-01419-0000 STP - RURAL 80% FED 20% STATE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	
				0005	RURAL
50102400	CONCRETE REMOVAL	CU YD	8.4	8.4	
50800105	REINFORCEMENT BARS	POUND	5,650	5,650	
54002020	EXPANSION BOLTS 3/4 INCH	EACH	28	28	
54003000	CONCRETE BOX CULVERTS	CU YD	33.2	33.2	
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	700	700	
* 63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	FOOT	138	138	
* 63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	FOOT	44	44	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	9	9	
63200310	GUARDRAIL REMOVAL	FOOT	1,694	1,694	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6	
67100100	MOBILIZATION	L SUM	1	1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	10,916	10,916	

* SPECIALTY ITEM

				PPS# 6-01419-0000 STP - RURAL 80% FED 20% STATE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	
				0005	RURAL
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	909	909	
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	9	9	
* 72501100	TERMINAL MARKER - POST MOUNTED	EACH	1	1	
* 78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	61,317	61,317	
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	24	24	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	342	342	
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	26	26	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	342	342	
* X6330725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	33	33	
X0900064	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	36	36	
Z0034105	MATERIAL TRANSFER DEVICE	TON	6,136	6,136	
Ø Z0076600	TRAINEES	HOUR	1500	1500	
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1500	1500	

Ø 0042

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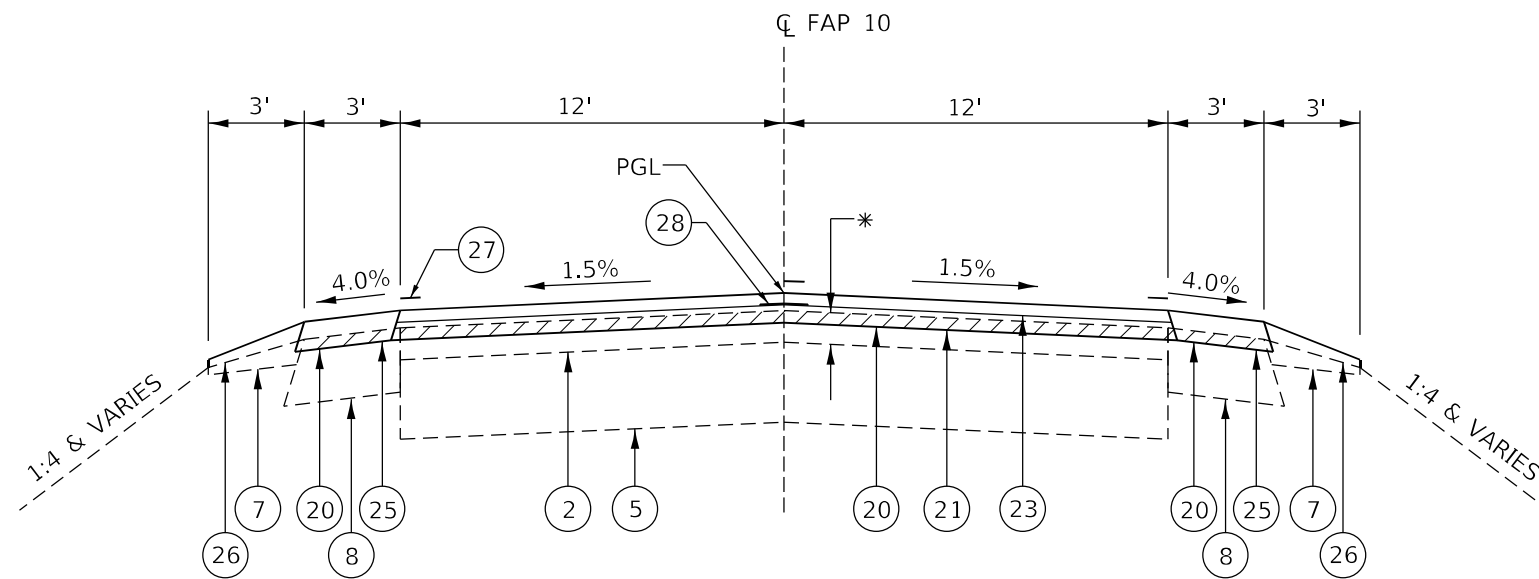
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**FAP 10 (IL 267 / IL 111)
SUMMARY OF QUANTITIES**

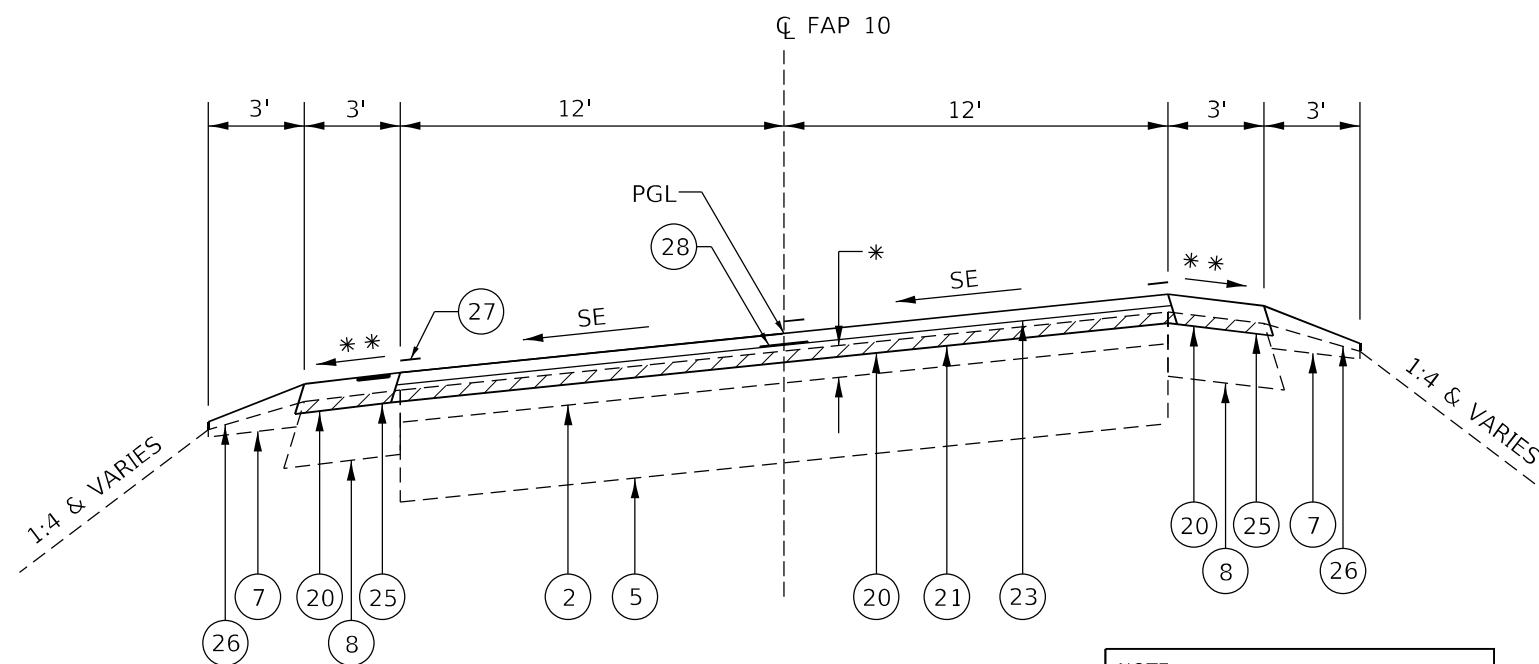
SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	4
CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION (A)

STA 478+65.97 R1 TO STA 487+42.57 R1
 STA 499+14.50 R2 TO STA 506+70.30 R2



TYPICAL SECTION (B)

STA 487+42.57 R1 TO STA 499+14.86 R1

NOTE:
 SUPERELEVATION TRANSITION DETAIL
 FOR ADDITIONAL INFORMATION

LEGEND

- ① EXISTING PCC PAVEMENT (9"-6"-9")
- ② EXISTING HMA SURFACE
- ③ EXISTING PORTLAND CEMENT CONCRETE WIDENING 9"
- ④ EXISTING PORTLAND CEMENT CONCRETE BASE COURSE 9"
- ⑤ EXISTING PORTLAND CEMENT CONCRETE PAVEMENT 10"
- ⑥ EXISTING SUB-BASE GRANULAR MATERIAL 4"
- ⑦ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑧ EXISTING HMA SHOULDER, 8"
- ⑨ EXISTING CONCRETE GUTTER, TYPE A

- ⑳ PROPOSED HMA SURFACE REMOVAL, 1 1/2"
- ㉑ PROPOSED HMA BINDER COURSE, IL-19.0, N50 (2 1/4")
- ㉒ PROPOSED HMA BINDER COURSE, IL-9.5FG, N50 (1 1/4")
- ㉓ PROPOSED HMA SURFACE COURSE, IL-9.5, MIX "C", N50 (1 1/2")
- ㉔ PROPOSED HMA SHOULDERS (2 3/4")
- ㉕ PROPOSED HMA SHOULDERS (3 3/4")
- ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ㉗ PROPOSED PAINT PAVEMENT MARKING - LINE 5"
- ㉘ PROPOSED LONGITUDINAL JOINT SEALANT

* EXISTING HMA SURFACE - 4"±
 STA. 478+00 TO STA. 498+17
 EXISTING HMA SURFACE - 4 1/2"±
 STA 498+17 TO STA. 543+07

** WHEN THE SE RATE OF PAVEMENT IS BETWEEN 0.0% AND 4.0%, THE SHOULDER SHALL BE SLOPED AT 4.0%.

HIGH SIDE -
 WHEN THE SE RATE EXCEEDS 4.0%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER IS 8.0%.

LOW SIDE -
 WHEN THE SE RATE EXCEEDS 4.0%, THE SHOULDER SHALL BE SLOPED TO MATCH THE PAVEMENT SLOPE.

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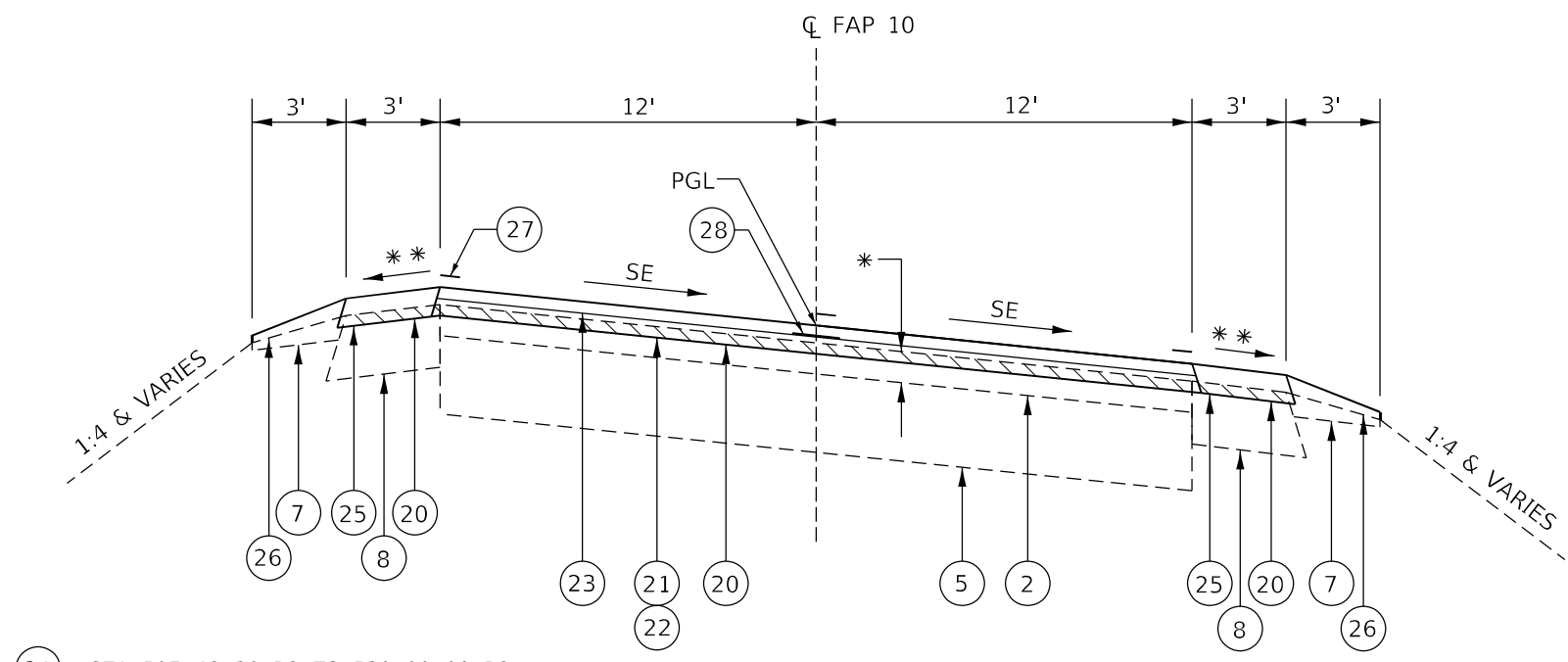
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FAP 10 (IL 267 / IL 111)
 TYPICAL SECTIONS**

SCALE: NTS SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	5
CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				

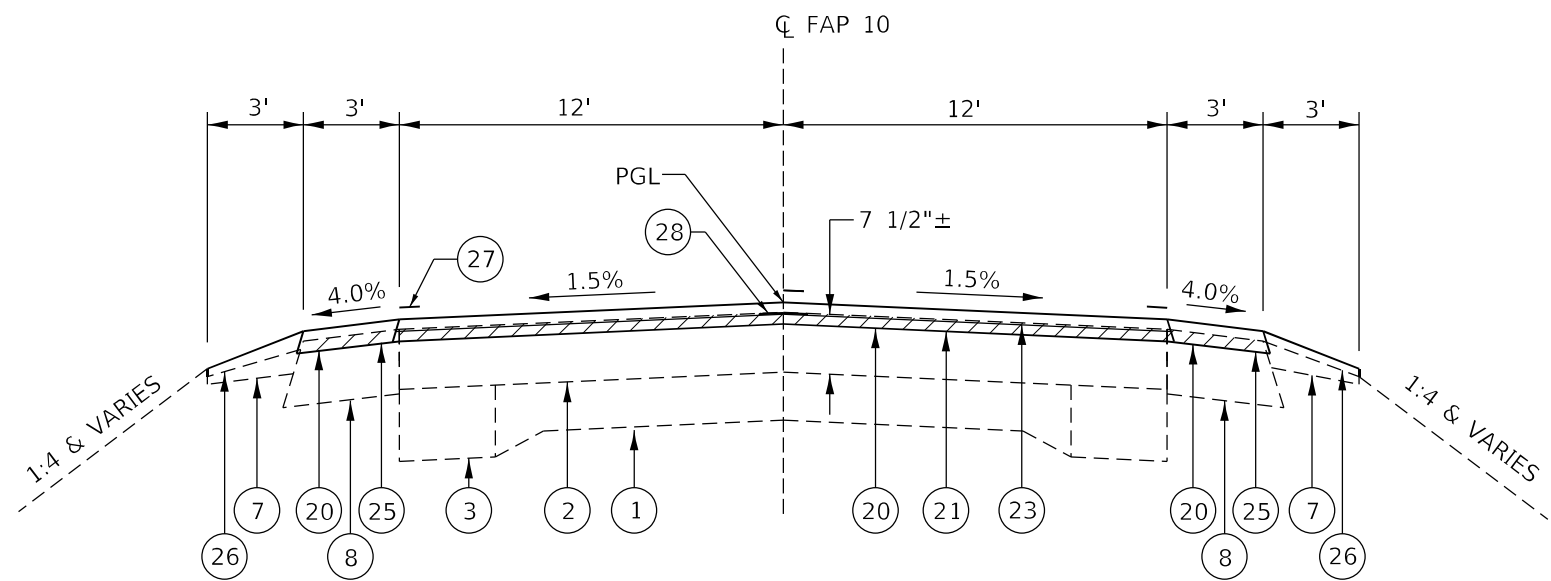


- 21 - STA 507+42.30 R2 TO 530+00.00 R2
- 22 - STA 530+00.00 R2 TO 543+99.11 R2

TYPICAL SECTION C

STA 507+42.30 R2 TO STA 543+99.11 R2

NOTE:
SUPERELEVATION TRANSITION DETAIL
FOR ADDITIONAL INFORMATION



TYPICAL SECTION D

STA 1566+14.78 R3 TO STA 1580+58.81 R3
 STA 1590+79.78 R4 TO STA 1594+73.90 R4
 STA 43+67.02 R5 TO STA 218+00.00 R5
 STA 218+00.27 R6 TO STA 222+15.00 R6

LEGEND

- 1 EXISTING PCC PAVEMENT (9"-6"-9")
- 2 EXISTING HMA SURFACE
- 3 EXISTING PORTLAND CEMENT CONCRETE WIDENING 9"
- 4 EXISTING PORTLAND CEMENT CONCRETE BASE COURSE 9"
- 5 EXISTING PORTLAND CEMENT CONCRETE PAVEMENT 10"
- 6 EXISTING SUB-BASE GRANULAR MATERIAL 4"
- 7 EXISTING AGGREGATE SHOULDER, TYPE B
- 8 EXISTING HMA SHOULDER, 8"
- 9 EXISTING CONCRETE GUTTER, TYPE A

- 20 PROPOSED HMA SURFACE REMOVAL, 1 1/2"
- 21 PROPOSED HMA BINDER COURSE, IL-19.0, N50 (2 1/4")
- 22 PROPOSED HMA BINDER COURSE, IL-9.5FG, N50 (1 1/4")
- 23 PROPOSED HMA SURFACE COURSE, IL-9.5, MIX "C", N50 (1 1/2")
- 24 PROPOSED HMA SHOULDERS (2 3/4")
- 25 PROPOSED HMA SHOULDERS (3 3/4")
- 26 PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- 27 PROPOSED PAINT PAVEMENT MARKING - LINE 5"
- 28 PROPOSED LONGITUDINAL JOINT SEALANT

* EXISTING HMA SURFACE - 4"±
 STA. 478+00 TO STA. 498+17
 EXISTING HMA SURFACE - 4 1/2"±
 STA 498+17 TO STA. 543+07

** WHEN THE SE RATE OF PAVEMENT IS BETWEEN 0.0% AND 4.0%, THE SHOULDER SHALL BE SLOPED AT 4.0%.

HIGH SIDE -
 WHEN THE SE RATE EXCEEDS 4.0%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER IS 8.0%.

LOW SIDE -
 WHEN THE SE RATE EXCEEDS 4.0%, THE SHOULDER SHALL BE SLOPED TO MATCH THE PAVEMENT SLOPE.

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 CHECKED - THF
 DATE - 3-22-22

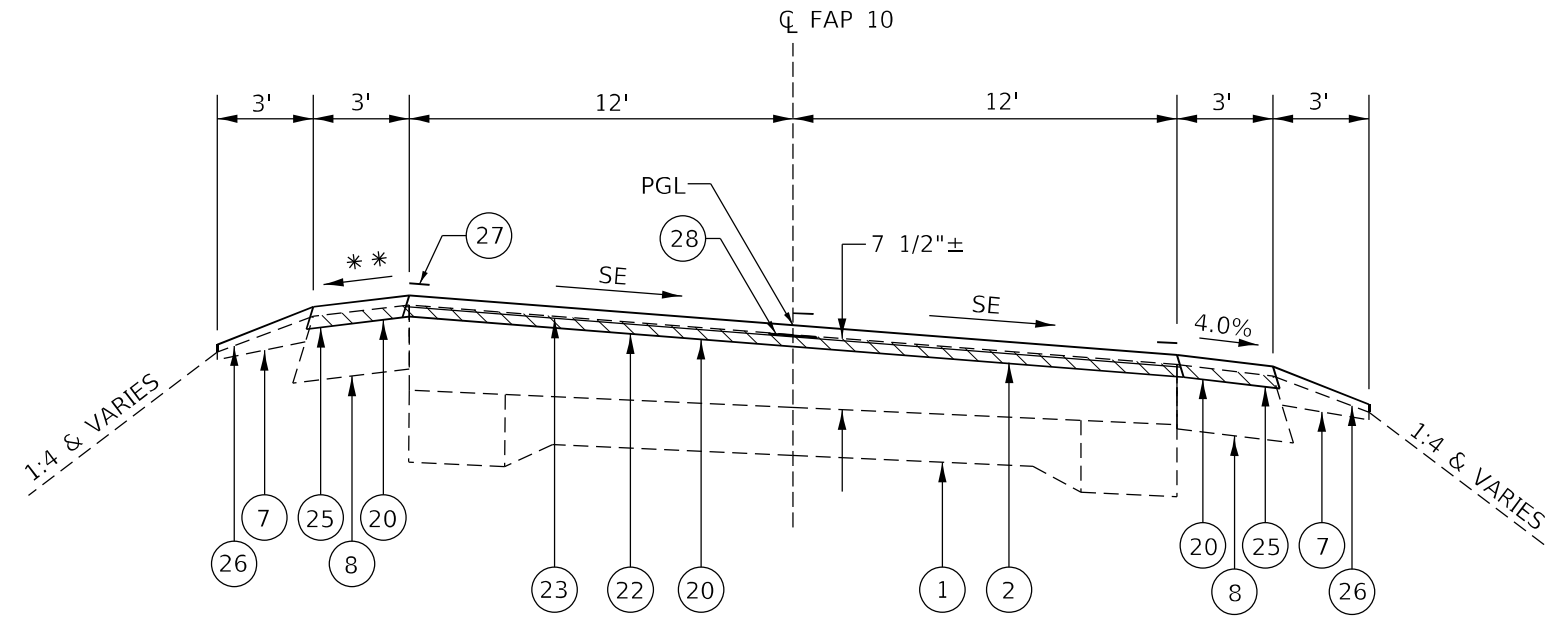
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FAP 10 (IL 267 / IL 111)
 TYPICAL SECTIONS**

SCALE: NTS SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	6
CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION E
 STA. 1578+86.81 TO STA. 1592+51.78

NOTE:
 SUPERELEVATION TRANSITION DETAIL
 FOR ADDITIONAL INFORMATION

LEGEND

- 1 EXISTING PCC PAVEMENT (9"-6"-9")
- 2 EXISTING HMA SURFACE
- 3 EXISTING PORTLAND CEMENT CONCRETE WIDENING 9"
- 4 EXISTING PORTLAND CEMENT CONCRETE BASE COURSE 9"
- 5 EXISTING PORTLAND CEMENT CONCRETE PAVEMENT 10"
- 6 EXISTING SUB-BASE GRANULAR MATERIAL 4"
- 7 EXISTING AGGREGATE SHOULDER, TYPE B
- 8 EXISTING HMA SHOULDER, 8"
- 9 EXISTING CONCRETE GUTTER, TYPE A

- 20 PROPOSED HMA SURFACE REMOVAL, 1 1/2"
- 21 PROPOSED HMA BINDER COURSE, IL-19.0, N50 (2 1/4")
- 22 PROPOSED HMA BINDER COURSE, IL-9.5FG, N50 (1 1/4")
- 23 PROPOSED HMA SURFACE COURSE, IL-9.5, MIX "C", N50 (1 1/2")
- 24 PROPOSED HMA SHOULDERS (2 3/4")
- 25 PROPOSED HMA SHOULDERS (3 3/4")
- 26 PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- 27 PROPOSED PAINT PAVEMENT MARKING - LINE 5"
- 28 PROPOSED LONGITUDINAL JOINT SEALANT

STATIONING REGIONS

- STA 478+65.97 R1 = STA 499+14.86 R1 REGION 1
- STA 499+14.50 R2 = STA 1566+14.78 R2 REGION 2
- STA 1590+74.58 R3 = STA 1590+79.78 R3 REGION 3
- STA 1594+73.90 R4 = STA 43+67.02 R4 REGION 4
- STA 218+00.00 R5 = STA 218+00.27 R5 REGION 5
- STA 218+00.00 R6 = STA 222+15.00 R6 REGION 6

STATIONING EQUATIONS

- STATION EQUATION 1
 STA 499+14.86 R1 BK= STA 499+14.50 R2 AH
- STATION EQUATION 2
 STA 543+99.11 R2 BK = 1566+14.78 R3 AH
- STATION EQUATION 3
 STA 1590+74.58 R3 BK = 1590+79.78 R4 AH
- STATION EQUATION 4
 STA 1594+73.90 R4 BK = 43+67.02 R5 AH
- STATION EQUATION 5
 STA 218+00.00 R5 BK = 218+00.27 R6 AH

** WHEN THE SE RATE OF PAVEMENT IS BETWEEN 0.0% AND 4.0%, THE SHOULDER SHALL BE SLOPED AT 4.0%.

HIGH SIDE -
 WHEN THE SE RATE EXCEEDS 4.0%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER IS 8.0%.

LOW SIDE -
 WHEN THE SE RATE EXCEEDS 4.0%, THE SHOULDER SHALL BE SLOPED TO MATCH THE PAVEMENT SLOPE.

MODEL Path: \\...
 FILE NAME: 004-D672D11-shd-typical.dgn



JOB = 2644.4	DESIGNED - TEC	REVISED -
FILE NAME = 004-D672D11-shd-typical.dgn	DRAWN - TEC	REVISED -
PLOT SCALE = 6,0000 ' / in.	CHECKED - THF	REVISED -
PLOT DATE = 3/24/2022	DATE - 3-22-22	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FAP 10 (IL 267 / IL 111)
 TYPICAL SECTIONS**

SCALE: NTS SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	7
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72D11	

20200100 - EARTH EXCAVATION				
LOCATION	EXCAVATION	EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU YD	CU YD	CU YD	CU YD
IL 267 - LOCATION 1				
LT STA 484+50.00 TO STA 487+35.00	259	195	52	143
RT STA 482+65.00 TO STA 487+50.00	598	448	186	262
IL 267 - LOCATION 2				
LT STA 507+50.00 TO STA 510+00.00	0	0	41	-41
RT STA 506+50.00 TO STA 508+60.00	0	0	5	-5
IL 267 - LOCATION 3				
LT STA 517+00.00 TO STA 518+50.00	97	73	2	71
RT STA 516+50.00 TO STA 518+00.00	80	60	2	58
TOTAL	1,034	776	288	488

SHRINKAGE = 25%

STA	END AREAS		VOLUMES	
	CUT SQ FT	FILL SQ FT	CUT CU YD	FILL CU YD
LOCATION 1				
Left Side				
484+50.00	0.0	0.0		
485+00.00	9.6	2.2	8.89	2.04
485+50.00	36.9	1.7	51.95	5.65
486+00.00	47.2	0.0	129.82	7.22
486+50.00	30.5	20.9	201.76	26.57
487+00.00	16.3	3.3	245.09	48.98
487+20.00	12.8	2.3	255.87	51.05
487+35.00	0.0	0.0	259.43	51.69
Right Side				
482+65.00	0.0	0.0		
483+00.00	52.7	2.7	34.16	1.75
483+50.00	57.5	10.6	136.20	14.06
484+00.00	55.7	9.5	241.01	32.67
484+50.00	50.1	12.8	338.97	53.32
485+00.00	40.8	15.0	423.14	79.06
485+50.00	48.5	25.5	505.83	116.56
486+00.00	18.7	10.5	568.05	149.89
486+50.00	5.7	9.9	590.64	168.78
487+00.00	0.9	4.2	596.75	181.84
487+50.00	0.0	0.0	597.58	185.73

STA	END AREAS		VOLUMES	
	CUT SQ FT	FILL SQ FT	CUT CU YD	FILL CU YD
LOCATION 2				
Left Side				
507+00.00	0.0	0.0		
507+50.00	0.0	16.6	0.00	15.37
508+00.00	0.0	1.8	0.00	32.41
508+80.00	0.0	0.7	0.00	36.11
509+00.00	0.0	1.8	0.00	37.04
509+50.00	0.0	1.5	0.00	40.10
510+00.00	0.0	0.0	0.00	41.49
Right Side				
506+50.00	0.0	0.0		
507+00.00	0.0	14.4	0.00	13.33
507+50.00	0.0	2.3	0.00	15.46
508+00.00	0.0	1.0	0.00	2.78
508+48.17	0.0	1.5	0.00	5.01
508+60.00	0.0	0.0	0.00	5.34

STA	END AREAS		VOLUMES	
	CUT SQ FT	FILL SQ FT	CUT CU YD	FILL CU YD
LOCATION 3				
Left Side				
517+00.00	0.0	0.0		
517+50.00	0.0	1.1	0.00	1.02
518+00.00	63.4	0.0	58.70	2.04
518+08.00	31.0	0.0	72.69	2.04
518+50.00	0.0	0.0	96.80	2.04
Right Side				
516+50.00	0.0	0.0		
517+00.00	0.0	0.7	0.00	0.65
517+50.00	0.0	0.7	0.00	1.95
517+66.00	86.4	0.0	25.60	2.16
518+00.00	0.0	0.0	80.00	2.16

28000305 - TEMPORARY DITCH CHECKS			
STATION	SIDE	EACH	
IL 267			
486+05.00 R1	LT	1	
486+50.00 R1	LT	1	
482+85.00 R1	RT	1	
484+40.00 R1	RT	1	
485+65.00 R1	RT	1	
TOTAL		5	

63200310 - GUARDRAIL REMOVAL				
STATION	TO	STATION	SIDE	FOOT
IL 267				
485+56.06 R1	-	486+71.97 R1	LT	115.91
485+19.44 R1	-	485+96.71 R1	RT	77.27
508+17.19 R2	-	509+08.93 R2	LT	92.66
507+50.73 R2	-	508+67.44 R2	RT	128.76
517+29.45 R2	-	519+18.14 R2	LT	188.69
516+30.44 R2	-	518+71.82 R2	RT	241.38
106+37.83 R5	-	109+91.83 R5	LT	354.00
105+76.71 R5	-	108+43.03 R5	RT	266.32
180+46.70 R5	-	182+75.81 R5	LT	229.11
TOTAL				1694.10
USE				1694

SEEDING SCHEDULE												
STATION	SIDE	TO	STATION	SIDE	AREA (SQ.FT)	25000210	25000400	25000500	25000600	25000700	25100115	28000250
						SEEDING, CLASS 2A (ACRE)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHORUS FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)	AGRICULTURAL GROUND LIMESTONE (TON)	MULCH, METHOD 2 (ACRE)	TEMP EROSION CONTROL SEEDING (POUND)
484+50.00 R1	LT	-	487+40.00 R1	LT	9,458.26	0.22	20	20	20	0.4	0.2	22
482+63.00 R1	RT	-	487+12.00 R1	RT	17,843.63	0.41	37	37	37	0.8	0.4	41
507+19.00 R2	LT	-	509+47.00 R2	LT	1,556.50	0.04	3	3	3	0.1	0.0	4
506+54.00 R2	RT	-	508+62.00 R2	RT	2,273.99	0.05	5	5	5	0.1	0.1	5
517+85.00 R2	LT	-	518+30.00 R2	LT	1,588.72	0.04	3	3	3	0.1	0.0	4
517+40.00 R2	RT	-	517+90.00 R2	RT	1,686.55	0.04	3	3	3	0.1	0.0	4
TOTAL					34,407.65	0.79	71	71	71	1.6	0.8	79
USE						0.75	71	71	71	1.6	0.75	79

40600990 - TEMPORARY RAMP					
ROADWAY	STATION	LOCATION	WIDTH	LENGTH	SQ YD
IL 267 - BEGINNING OF IMPROVEMENT	478+65.97 R1	MAINLINE	24.00	5.00	13.33
CENTENNIAL RD (LT)	501+26.33 R2	SIDEROAD BACK	16.00	5.00	8.89
		NEXT TO IL 267	66.82	5.00	37.12
N MAIN ST (RT)	501+26.33 R2	SIDEROAD BACK	22.00	5.00	12.22
		NEXT TO IL 267	75.71	5.00	42.06
GEORGE ST (RT)	523+68.28 R2	SIDEROAD BACK	12.00	5.00	6.67
		NEXT TO IL 267	49.90	5.00	27.72
CHARLES ST (RT)	527+64.73 R2	SIDEROAD BACK	18.00	5.00	10.00
		NEXT TO IL 267	57.44	5.00	31.91
IL 111 (LT)	532+24.00 R2	SIDEROAD BACK	30.00	5.00	16.67
		NEXT TO IL 267	177.02	5.00	98.34
WASHINGTON ST (RT)	532+24.00 R2	SIDEROAD BACK	12.00	5.00	6.67
		NEXT TO IL 267	52.74	5.00	29.30
STRUNKS RD (LT)	536+97.41 R2	SIDEROAD BACK	17.00	5.00	9.44
		NEXT TO IL 267	59.38	5.00	32.99
W LOCUST ST (RT)	536+97.41 R2	SIDEROAD BACK	28.00	5.00	15.56
		NEXT TO IL 267	71.32	5.00	39.62
RICE ST (RT)	1573+90.66 R3	SIDEROAD BACK	30.00	5.00	16.67
		NEXT TO IL 267	69.68	5.00	38.71
S MAIN ST (RT)	1588+19.87 R3	SIDEROAD BACK	30.00	5.00	16.67
		NEXT TO IL 267	192.50	5.00	106.94
F.S. ROAD (LT)	63+90.56 R5	SIDEROAD BACK	22.00	5.00	12.22
		NEXT TO IL 267	57.37	5.00	31.87
F.S. ROAD (RT)	63+90.56 R5	SIDEROAD BACK	24.00	5.00	13.33
		NEXT TO IL 267	53.30	5.00	29.61
OLD FIDELITY RD (RT)	90+65.52 R5	SIDEROAD BACK	32.00	5.00	17.78
		NEXT TO IL 267	53.30	5.00	29.61
3 TREES RD (LT)	143+76.07 R5	SIDEROAD BACK	20.00	5.00	11.11
		NEXT TO IL 267	55.37	5.00	30.76
3 TREES RD (RT)	143+76.07 R5	SIDEROAD BACK	20.00	5.00	11.11
		NEXT TO IL 267	55.37	5.00	30.76
IL 267 / IL 111 - END OF IMPROVEMENT	222+15.00 R6	MAINLINE	24.00	5.00	13.33
TOTAL					849.01
USE					849

28100107 - STONE RIPRAP, CLASS A4				
28200200 - FILTER FABRIC				
STATION	TO	STATION	SIDE	SQ YD
IL 267				
486+05.12 R1	-	486+41.43 R1	LT	47.46
485+24.48 R1	-	485+63.72 R1	RT	53.55
517+96.59 R2	-	518+20.63 R2	LT	39.51
517+53.26 R2	-	517+78.58 R2	RT	39.89
TOTAL				180.42
USE				180

MODEL Path: \\...
FILE NAME: 005-0672D11-sht-quantity.dgn



JOB = 2644.4
FILE NAME = 005-0672D11-sht-schedule.dgn
PLOT SCALE = 100.0000' / in.
PLOT DATE = 3/24/2022

DESIGNED - TEC
DRAWN - TEC
CHECKED - THF
DATE - 3-22-22

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP 10 (IL 267 / IL 111)
SCHEDULE OF QUANTITIES**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	8
CONTRACT NO. 72D11				
ILLINOIS		FED. AID PROJECT		

78001120 - PAINT PAVEMENT MARKING - LINE 5"						
STATION	SIDE	TO	STATION	SIDE	DESCRIPTION	FOOT
IL 267						
478+65.97 R1	LT	-	499+14.86 R1	LT	WHITE - SOLID EDGE LINE	2,048.89
STATION EQUATION 1 - STATION 499+14.86 R1 BK = STATION 499+14.50 R2 AH						
499+14.50 R2	LT	-	500+68.46 R2	LT	WHITE - SOLID EDGE LINE	153.96
501+35.28 R2	LT	-	531+51.85 R2	LT	WHITE - SOLID EDGE LINE	3,016.57
533+28.17 R2	LT	-	536+61.03 R2	LT	WHITE - SOLID EDGE LINE	332.86
537+20.18 R2	LT	-	543+99.11 R2	LT	WHITE - SOLID EDGE LINE	678.93
STATION EQUATION 2 - STATION 543+99.11 R2 BK = STATION 1566+14.78 R3 AH						
1566+14.78 R3	LT	-	1573+78.65 R3	LT	WHITE - SOLID EDGE LINE	763.87
1574+48.34 R3	LT	-	1586+42.58 R3	LT	WHITE - SOLID EDGE LINE	1,194.24
1588+34.07 R3	LT	-	1590+74.58 R3	LT	WHITE - SOLID EDGE LINE	240.51
STATION EQUATION 3 - STATION 1590+74.58 R3 BK = STATION 1590+79.78 R4 AH						
1590+79.78 R4	LT	-	1594+73.90 R4	LT	WHITE - SOLID EDGE LINE	394.12
STATION EQUATION 4 - STATION 1594+73.90 R4 BK = STATION 43+67.02 R5 AH						
43+67.02 R5	LT	-	63+61.04 R5	LT	WHITE - SOLID EDGE LINE	1,994.02
64+18.41 R5	LT	-	143+47.81 R5	LT	WHITE - SOLID EDGE LINE	7,929.40
144+03.18 R5	LT	-	218+00.00 R5	LT	WHITE - SOLID EDGE LINE	7,396.82
STATION EQUATION 5 - STATION 218+00.00 R5 BK = STATION 218+00.27 R6 AH						
218+00.27 R6	LT	-	222+15.00 R6	LT	WHITE - SOLID EDGE LINE	414.73
478+65.97 R1	RT	-	499+14.86 R1	RT	WHITE - SOLID EDGE LINE	2,048.89
STATION EQUATION 1 - STATION 499+14.86 R1 BK = STATION 499+14.50 R2 AH						
499+14.50 R2	RT	-	501+12.93 R2	RT	WHITE - SOLID EDGE LINE	198.43
501+88.64 R2	RT	-	523+38.14 R2	RT	WHITE - SOLID EDGE LINE	2,149.50
523+88.25 R2	RT	-	527+30.68 R2	RT	WHITE - SOLID EDGE LINE	342.43
527+88.36 R2	RT	-	532+00.21 R2	RT	WHITE - SOLID EDGE LINE	411.85
532+53.16 R2	RT	-	536+73.11 R2	RT	WHITE - SOLID EDGE LINE	419.95
537+44.72 R2	RT	-	543+99.11 R2	RT	WHITE - SOLID EDGE LINE	654.39
STATION EQUATION 2 - STATION 543+99.11 R2 BK = STATION 1566+14.78 R3 AH						
1566+14.78 R3	RT	-	1573+78.65 R3	RT	WHITE - SOLID EDGE LINE	763.87
1574+48.34 R3	RT	-	1586+42.58 R3	RT	WHITE - SOLID EDGE LINE	1,194.24
1588+34.07 R3	RT	-	1590+74.58 R3	RT	WHITE - SOLID EDGE LINE	240.51

STATION EQUATION 3 - STATION 1590+74.58 R3 BK = STATION 1590+79.78 R4 AH						
1590+79.78 R4	RT	-	1594+73.90 R4	RT	WHITE - SOLID EDGE LINE	394.12
STATION EQUATION 4 - STATION 1594+73.90 R4 BK = STATION 43+67.02 R5 AH						
43+67.02 R5	RT	-	63+61.71 R5	RT	WHITE - SOLID EDGE LINE	1,994.69
64+21.09 R5	RT	-	90+39.00 R5	RT	WHITE - SOLID EDGE LINE	2,617.91
90+92.29 R5	RT	-	143+48.96 R5	RT	WHITE - SOLID EDGE LINE	5,256.67
144+04.34 R5	RT	-	218+00.00 R5	RT	WHITE - SOLID EDGE LINE	7,395.66
STATION EQUATION 5 - STATION 218+00.00 R5 BK = STATION 218+00.27 R6 AH						
218+00.27 R6	RT	-	222+15.00 R6	RT	YELLOW - SKIP DASH	103.68
478+65.97 R1	CENTER	-	499+14.86 R1	CENTER	YELLOW - SKIP DASH	512.22
STATION EQUATION 1 - STATION 499+14.86 R1 BK = STATION 499+14.50 R2 AH						
499+14.50 R2	CENTER	-	543+99.11 R2	CENTER	YELLOW - SKIP DASH	1,121.15
STATION EQUATION 2 - STATION 543+99.11 R2 BK = STATION 1566+14.78 R3 AH						
1566+14.78 R3	CENTER	-	1590+74.58 R3	CENTER	YELLOW - SKIP DASH	614.95
STATION EQUATION 3 - STATION 1590+74.58 R3 BK = STATION 1590+79.78 R4 AH						
1590+79.78 R4	CENTER	-	1594+73.90 R4	CENTER	YELLOW - SKIP DASH	98.53
STATION EQUATION 4 - STATION 1594+73.90 R4 BK = STATION 43+67.02 R5 AH						
43+67.02 R5	CENTER	-	218+00.00 R5	CENTER	YELLOW - SKIP DASH	4,358.25
92+84.00 R5	CENTER	-	100+38.00 R5	CENTER	YELLOW - SOLID LINE	754.00
100+38.00 R5	CENTER	-	107+62.00 R5	CENTER	YELLOW - SOLID LINE	724.00
STATION EQUATION 5 - STATION 218+00.00 R5 BK = STATION 218+00.27 R6 AH						
218+00.27 R6	CENTER	-	222+15.00 R6	CENTER	YELLOW - SKIP DASH	103.68
IL 267 SUB-TOTAL						61,032.49
IL 111						
1552+55.00	LT	-	1553+55.85	LT	WHITE - SOLID EDGE LINE	108.39
1552+55.00	RT	-	1553+39.75	RT	WHITE - SOLID EDGE LINE	162.97
1552+55.00	CENTER	-	1553+09.28	CENTER	YELLOW - SKIP DASH	13.57
IL 111 SUB-TOTAL						284.93
GRAND TOTAL						61,317.42
USE						61,317

GUARDRAIL					63000001 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	63000350 LONG-SPAN GUARDRAIL OVER CULVERT 12 FT 6 IN SPAN	63000360 LONG-SPAN GUARDRAIL OVER CULVERT 18 FT 9 IN SPAN	63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	72501000 TERMINAL MARKER - DIRECT APPLIED	72501100 TERMINAL MARKER - POST MOUNTED	78200005 GUARDRAIL REFLECTORS, TYPE A	X6330725 STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)
STATION	TO	STATION	SIDE	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH
IL 267												
507+67.00 R2	-	508+17.00 R2	LT	50.00				1	1		1	
508+17.00 R2	-	508+29.50 R2	LT	12.50	12.50							
508+29.50 R2	-	508+67.00 R2	LT	37.50		37.50					1	
508+67.00 R2	-	509+17.00 R2	LT	50.00	50.00						1	
509+17.00 R2	-	509+67.00 R2	LT	50.00				1	1		1	
507+00.00 R2	-	507+50.00 R2	RT	50.00				1	1		1	
507+50.00 R2	-	508+25.00 R2	RT	75.00	75.00						1	
508+25.00 R2	-	508+50.00 R2	RT	25.00		25.00					1	
508+50.00 R2	-	508+65.00 R2	RT	32.50						1	1	32.50
106+40.50 R5	-	106+90.50 R5	LT	50.00				1	1		1	
106+90.50 R5	-	107+65.50 R5	LT	75.00	75.00						1	
107+65.50 R5	-	108+03.00 R5	LT	37.50		37.50					1	
108+03.00 R5	-	109+40.50 R5	LT	137.50	137.50						2	
109+40.50 R5	-	109+90.50 R5	LT	50.00				1	1		1	
105+78.00 R5	-	106+28.00 R5	RT	50.00				1	1		1	
106+28.00 R5	-	107+65.50 R5	RT	137.50	137.50						2	
107+65.50 R5	-	108+03.00 R5	RT	37.50		37.50					1	
108+03.00 R5	-	108+15.50 R5	RT	12.50	12.50						1	
108+15.50 R5	-	108+53.00 R5	RT	37.50				1	1		1	
180+00.00 R5	-	180+50.00 R5	LT	50.00				1	1		1	
180+50.00 R5	-	181+00.00 R5	LT	50.00	50.00						1	
181+00.00 R5	-	181+43.75 R5	LT	43.75		43.75					1	
181+43.75 R5	-	182+93.75 R5	LT	150.00	150.00						2	
182+93.75 R5	-	183+43.75 R5	LT	50.00				1	1		1	
TOTAL					700.00	137.50	43.75	9	9	1	26	32.50
USE					700	138	44	9	9	1	26	33

78001180 - PAINT PAVEMENT MARKING - LINE 24"			
STATION	SIDE	DESCRIPTION	FOOT
IL 111			
1553+09.00	RT	WHITE - STOP BAR	24
TOTAL			24

78100100 - RAISED REFLECTIVE PAVEMENT MARKER			
STATION		STATION	EACH
IL 267			
1553+09.00 R1	TO	222+15.00 R6	341
IL 111			
1552+55.00	TO	1553+09.00	1
TOTAL			342

78300200 - RAISED REFLECTIVE PAVEMENT MARKER REMOVAL			
STATION		STATION	EACH
IL 267			
1553+09.00 R1	TO	222+15.00 R6	341
IL 111			
1552+55.00	TO	1553+09.00	1
TOTAL			342

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PLOT DATE = 3/24/2022	DATE = 3-22-22	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FAP 10 (IL 267 / IL 111)
 SCHEDULE OF QUANTITIES**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128R5-5, 126R5-7, 411R	MACOUPIN	52	9
CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				

REV. - MS

PAVING SCHEDULE												
STATION TO STATION			WIDTH (FOOT)	LENGTH (FOOT)	40600290 BITUMINOUS MATERIALS (TACK COAT) (POUND)	44000155 HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2" (SQ YD)	40602965 HOT-MIX ASPHALT BINDER COURSE IL-9.5FG, N50 (1 1/4") (TON)	40603080 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (2 1/4") (TON)	40604050 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 (1 1/2") (TON)	20034105 MATERIAL TRANSFER DEVICE (TON)	40600370 LONGITUDINAL JOINT SEALANT (FOOT)	
IL 267												
478+65.97 R1	-	478+80.97 R1	24	15.00	27.00	40.00			3.36	3.36	15.00	
478+80.97 R1	-	479+10.97 R1	24	30.00	54.00	80.00		8.40	6.72	6.72	30.00	
479+10.97 R1	-	499+14.86 R1	24	2,003.89	3,607.00	5,343.71		673.31	448.87	448.87	2,003.89	
STATION EQUATION 1 - STATION 499+14.86 R1 BK = STATION 499+14.50 R2 AH												
499+14.50 R2	-	530+00.00 R2	24	3,085.50	5,553.90	8,228.00		1,036.73	691.15	691.15	3,085.50	
530+00.00 R2	-	530+20.00 R2	24	20.00	36.00	53.33	5.23				20.00	
530+20.00 R2	-	543+99.11 R2	24	1,379.11	2,482.40	3,677.63	257.43		308.92	308.92	1,379.11	
STATION EQUATION 2 - STATION 543+99.11 R2 BK = STATION 1566+14.78 R3 AH												
1566+14.78 R3	-	1590+74.58 R3	24	2,459.80	4,427.64	6,559.47	459.16		551.00	551.00	2,459.80	
STATION EQUATION 3 - STATION 1590+74.58 R3 BK = STATION 1590+79.78 R4 AH												
1590+79.78 R4	-	1594+73.90 R4	24	394.12	709.42	1,050.99	73.57		88.28	88.28	394.12	
STATION EQUATION 4 - STATION 1594+73.90 R4 BK = STATION 43+67.02 R5 AH												
43+67.02 R5	-	218+00.00 R5	24	17,432.98	31,379.36	46,487.95	3,254.16		3,904.99	3,904.99	17,432.98	
STATION EQUATION 5 - STATION 218+00.00 R5 BK = STATION 218+00.27 R6 AH												
218+00.27 R6	-	222+05.00 R6	24	404.73	728.51	1,079.28	75.55		90.66	90.66	404.73	
222+05.00 R6	-	222+15.00 R6	24	10.00	18.00	26.67	0.93		2.24	2.24	10.00	
IL 267 SUB-TOTAL					49023.23	72,627.01	4,126.03	1,718.44	6,096.19	6,096.19	27,235.13	
IL 111												
1552+55.00	-	1552+80.03	VARIES	25.03	49.81	73.79	0.00		0.00	0.00	75.09	
1552+80.03	-	1553+47.34	VARIES	67.31	318.83	472.34	33.06		39.68	39.68	201.93	
IL 111 SUB-TOTAL					368.63	546.13	33.06		39.68	39.68	277.02	
PAVING TOTAL					49,391.87	73,173.14	4,159.10	1,718.44	6,135.87	6,135.87	27,512.15	
PAVING TOTAL					49,391.87	73,173.14 #	4,159.10	1,718.44 #	6,135.87 #	6,135.87	0.00	27,512.15
SHOULDER TOTAL					- SEE SHOULDER SCHEDULES	12,080.41	18,833.16	-	-	-	-	
ENTRANCE TOTAL					- SEE ENTRANCE SCHEDULES	1,432.42	-	-	-	-	-	
GRAND TOTAL					62,904.69	92,006.30	4,159.10	1,718.44	6,135.87	6,135.87	27,512.15	
USE					62,905	92,006	4,159	1,718	6,136	6,136	27,512	

SHORT TERM PAVEMENT MARKING					70300100 SHORT TERM PAVEMENT MARKING		70300150 SHORT TERM PAVEMENT MARKING REMOVAL	
STATION	SIDE	TO	STATION	SIDE	# APPS	FOOT	# APPS	SQ FT
IL 267								
478+65.97 R1	CENTER	-	499+14.86 R1	CENTER	4	819.56	1	68.23
STATION EQUATION 1 - STATION 499+14.86 R1 BK = STATION 499+14.50 R2 AH								
499+14.50 R2	CENTER	-	543+99.11 R2	CENTER	4	1,793.84	1	149.34
STATION EQUATION 2 - STATION 543+99.11 R2 BK = STATION 1566+14.78 R3 AH								
1566+14.78 R3	CENTER	-	1590+74.58 R3	CENTER	4	983.92	1	81.91
STATION EQUATION 3 - STATION 1590+74.58 R3 BK = STATION 1590+79.78 R4 AH								
1590+79.78 R4	CENTER	-	1594+73.90 R4	CENTER	4	157.65	1	13.12
STATION EQUATION 4 - STATION 1594+73.90 R4 BK = STATION 43+67.02 R5 AH								
43+67.02 R5	CENTER	-	218+00.00 R5	CENTER	4	6,973.19	1	580.52
STATION EQUATION 5 - STATION 218+00.00 R5 BK = STATION 218+00.27 R6 AH								
218+00.27 R6	CENTER	-	222+15.00 R6	CENTER	4	165.89	1	13.81
IL 111								
1552+55.00	CENTER	-	1553+09.28	CENTER	4	21.71	1	1.81
TOTAL					10,915.76		908.74	
USE					10,916		909	

PAVEMENT PATCHING								
STATION	REGION	LANE	LENGTH (FT)	WIDTH (FT)	AREA (SQ FT)	44200168 PAVEMENT PATCHING, TYPE II, 14 INCH (SQ YD)	44200172 PAVEMENT PATCHING, TYPE III, 14 INCH (SQ YD)	44200174 PAVEMENT PATCHING, TYPE IV, 14 INCH (SQ YD)
STA 482+96	R1	NB	20	12	240.0			26.7
STA 493+76	R1	NB	18	12	216.0		24.0	
STA 496+76	R1	NB	20	12	240.0			26.7
STA 498+27	R1	NB	20	6	120.0	13.3		
STA 541+62	R2	NB	8	12	96.0	10.7		
STA 1568+15	R3	NB	20	12	240.0			26.7
STA 1569+45	R3	NB	75	6	450.0			50.0
STA 1594+15	R4	NB	30	12	360.0			40.0
STA 87+70	R5	NB	10	6	60.0	6.7		
STA 93+97	R5	NB	12	12	144.0		16.0	
STA 138+46	R5	NB	12	12	144.0		16.0	
STA 503+23	R2	SB	12	6	72.0	8.0		
STA 504+36	R2	SB	20	6	120.0	13.3		
STA 1594+15	R4	SB	12	12	144.0		16.0	
STA 55+05	R5	SB	10	12	120.0	13.3		
STA 93+97	R5	SB	12	12	144.0	16.0	16.0	
STA 202+38	R5	SB	12	12	144.0		16.0	
TOTAL						81.3	104.0	170.0
USE						81	104	170

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 PLOT DATE = 3/24/2022

DESIGNED - TEC
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 CHECKED - THF
 DATE - 3-22-22
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 10 (IL 267 / IL 111)
SCHEDULE OF QUANTITIES

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	10
CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				

LEFT SHOULDERS						40600290 BITUMINOUS MATERIALS (TACK COAT) (POUND)	44000155 HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2" (SQ YD)	48102100 AGGREGATE WEDGE SHOULDER, TYPE B (TON)	48203100 HOT-MIX ASPHALT SHOULDERS (TON)
STATION	TO	STATION	SIDE	WIDTH (FOOT)	LENGTH (FOOT)				
IL 267									
478+65.97 R1	-	478+95.97 R1	LEFT	3	30.00	6.75	10.00	1.06	0.84
478+95.97 R1	-	479+10.97 R1	LEFT	3	15.00	3.38	5.00	0.53	0.95
479+10.97 R1	-	499+14.86 R1	LEFT	3	2,003.89	450.88	667.96	70.51	140.27
STATION EQUATION 1 - STATION 499+14.86 R1 BK = STATION 499+14.50 R2 AH									
499+14.50 R2	-	500+71.73 R2	LEFT	3	157.23	35.38	52.41	5.53	11.01
501+27.42 R2	-	530+00.00 R2	LEFT	3	2,872.58	646.33	957.53	101.07	201.08
530+00.00 R2	-	530+20.00 R2	LEFT	3	20.00	4.50	6.67	0.70	1.21
530+20.00 R2	-	531+51.85 R2	LEFT	3	131.85	29.67	43.95	3.66	6.77
533+28.17 R2	-	536+67.02 R2	LEFT	3	338.85	76.24	112.95	9.41	17.39
537+13.85 R2	-	537+55.16 R2	LEFT	3	41.31	9.29	13.77	1.15	2.12
537+55.16 R2	-	538+13.78 R2	LEFT	3	58.62	13.19	19.54	1.63	3.01
538+13.78 R2	-	538+93.96 R2	LEFT	3	80.18	18.04	26.73	2.23	4.12
538+93.96 R2	-	539+52.52 R2	LEFT	3	58.56	13.18	19.52	1.63	3.01
539+52.52 R2	-	543+99.11 R2	LEFT	3	446.59	100.48	148.86	12.41	22.92
STATION EQUATION 2 - STATION 543+99.11 R2 BK = STATION 1566+14.78 R3 AH									
1566+14.78 R3	-	1590+74.58 R3	LEFT	3	2,459.80	553.45	819.93	68.33	126.27
STATION EQUATION 3 - STATION 1590+74.58 R3 BK = STATION 1590+79.78 R4 AH									
1590+79.78 R4	-	1594+73.90 R4	LEFT	3	394.12	88.68	131.37	10.95	20.23
STATION EQUATION 4 - STATION 1594+73.90 R4 BK = STATION 43+67.02 R5 AH									
43+67.02 R5	-	63+65.60 R5	LEFT	3	1,998.58	449.68	666.19	55.52	102.59
64+13.84 R5	-	64+34.99 R5	LEFT	3	21.15	4.76	7.05	0.59	1.09
64+34.99 R5	-	64+93.99 R5	LEFT	3	59.00	13.28	19.67		3.03
64+93.99 R5	-	66+61.50 R5	LEFT	3	167.51	37.69	55.84	4.65	8.60
66+61.50 R5	-	67+20.50 R5	LEFT	3	59.00	13.28	19.67		3.03
67+20.50 R5	-	68+65.70 R5	LEFT	3	145.20	32.67	48.40	4.03	7.45
68+65.70 R5	-	69+23.25 R5	LEFT	3	57.55	12.95	19.18		2.95
69+23.25 R5	-	69+86.28 R5	LEFT	3	63.03	14.18	21.01	1.75	3.24
69+86.28 R5	-	70+36.50 R5	LEFT	3	50.22	11.30	16.74		2.58
70+36.50 R5	-	76+54.96 R5	LEFT	3	618.46	139.15	206.15	17.18	31.75
76+54.96 R5	-	77+19.21 R5	LEFT	3	64.25	14.46	21.42		3.30
77+19.21 R5	-	89+02.98 R5	LEFT	3	1,183.77	266.35	394.59	32.88	60.77
89+02.98 R5	-	89+69.23 R5	LEFT	3	66.25	14.91	22.08	14.91	3.40
89+69.23 R5	-	101+67.12 R5	LEFT	3	1,197.89	269.53	399.30	33.27	61.49
101+67.12 R5	-	102+48.87 R5	LEFT	3	81.75	18.39	27.25		4.20
102+48.87 R5	-	109+91.86 R5	LEFT	3	742.99	167.17	247.66	20.64	38.14
109+91.86 R5	-	110+61.11 R5	LEFT	3	69.25	15.58	23.08		3.55
110+61.11 R5	-	143+52.37 R5	LEFT	3	3,291.26	740.53	1,097.09	91.42	168.95
143+52.37 R5	-	164+35.38 R5	LEFT	3	2,036.76	458.27	678.92	56.58	104.55
164+35.38 R5	-	164+91.38 R5	LEFT	3	56.00	12.60	18.67		2.87
164+91.38 R5	-	185+25.19 R5	LEFT	3	2,033.81	457.61	677.94	56.49	104.40
185+25.19 R5	-	186+10.69 R5	LEFT	3	85.50	19.24	28.50		4.39
186+10.69 R5	-	190+27.74 R5	LEFT	3	417.05	93.84	139.02	11.58	21.41
190+27.74 R5	-	190+85.99 R5	LEFT	3	58.25	13.11	19.42		2.99
190+85.99 R5	-	192+90.98 R5	LEFT	3	204.99	46.12	68.33	5.69	10.52
192+90.98 R5	-	193+38.98 R5	LEFT	3	48.00	10.80	16.00		2.46
193+38.98 R5	-	210+27.50 R5	LEFT	3	1,688.52	379.92	562.84	46.90	86.68
210+27.50 R5	-	210+76.50 R5	LEFT	3	49.00	11.03	16.33		2.52
210+76.50 R5	-	212+28.21 R5	LEFT	3	151.71	34.13	50.57	4.21	7.79
212+28.21 R5	-	212+77.21 R5	LEFT	3	49.00	11.03	16.33		2.52
212+77.21 R5	-	218+00.00 R5	LEFT	3	522.79	117.63	174.26	14.52	26.84
STATION EQUATION 5 - STATION 218+00.00 R5 BK = STATION 218+00.27 R6 AH									
218+00.27 R6	-	221+90.00 R6	LEFT	3	389.73	87.69	129.91	10.83	20.01
221+90.00 R6	-	222+15.00 R6	LEFT	3	25.00	5.63	8.33	0.69	0.64
IL 267 SUB-TOTAL						6043.91	8,953.93	760.23	1,471.89
IL 111									
1552+55.00	-	1552+80.03	LEFT	3	25.44	5.72	73.62	0.71	
1552+80.03	-	1553+47.34	LEFT	3	82.94	18.66	472.34		
IL 111 SUB-TOTAL						24.39	545.95	0.71	0.00
LEFT SHOULDER TOTAL						6,068.29	9,499.89	760.94	1,471.89

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 PLOT DATE = 3/24/2022

DESIGNED - TEC
 DRAWN - TEC
 CHECKED - THF
 DATE - 3-22-22

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FAP 10 (IL 267 / IL 111)
 SCHEDULE OF QUANTITIES**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	11
CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				

RIGHT SHOULDERS						40600290 BITUMINOUS MATERIALS (TACK COAT) (POUND)	44000155 HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2" (SQ YD)	48102100 AGGREGATE WEDGE SHOULDER, TYPE B (TON)	48203100 HOT-MIX ASPHALT SHOULDERS (TON)
STATION	TO	STATION	SIDE	WIDTH (FOOT)	LENGTH (FOOT)				
IL 267									
478+65.97 R1	-	478+95.97 R1	RIGHT	3	30.00	6.75	10.00	1.06	1.26
478+95.97 R1	-	479+10.97 R1	RIGHT	3	15.00	3.38	5.00	0.53	0.95
479+10.97 R1	-	487+00.22 R1	RIGHT	3	789.25	177.58	263.08	27.77	49.72
487+00.22 R1	-	487+74.91 R1	RIGHT	3	74.69	16.81	24.90		4.71
487+74.91 R1	-	492+95.47 R1	RIGHT	3	520.56	117.13	173.52	18.32	32.80
492+95.47 R1	-	493+43.39 R1	RIGHT	3	47.92	10.78	15.97		3.02
493+43.39 R1	-	499+14.86 R1	RIGHT	3	571.47	128.58	190.49	20.11	36.00
STATION EQUATION 1 - STATION 499+14.86 R1 BK = STATION 499+14.50 R2 AH									
499+14.50 R2	-	500+20.79 R2	RIGHT	3	106.29	23.92	35.43	3.74	7.44
500+20.79 R2	-	505+72.88 R2	RIGHT	3	487.51	109.69	162.50	17.15	34.13
505+72.88 R2	-	506+08.88 R2	RIGHT	3	36.00	8.10	12.00		2.52
506+08.88 R2	-	523+41.12 R2	RIGHT	3	1,732.24	389.75	577.41	48.12	121.26
523+41.12 R2	-	527+29.77 R2	RIGHT	3	338.42	76.14	112.81	9.40	23.69
527+29.77 R2	-	530+00.00 R2	RIGHT	3	214.73	48.31	71.58	5.96	15.03
530+00.00 R2	-	530+20.00 R2	RIGHT	3	20.00	4.50	6.67	0.56	1.21
530+20.00 R2	-	532+02.27 R2	RIGHT	3	182.27	41.01	60.76	5.06	9.36
532+02.27 R2	-	536+75.80 R2	RIGHT	3	424.60	95.54	141.53	14.94	21.80
536+75.80 R2	-	543+75.72 R2	RIGHT	3	634.78	142.83	211.59	17.63	32.59
543+75.72 R2	-	543+99.11 R2	RIGHT	3	23.39	5.26	7.80		1.20
STATION EQUATION 2 - STATION 543+99.11 R2 BK = STATION 1566+14.78 R3 AH									
1566+14.78 R3	-	1566+50.39 R3	RIGHT	3	35.61	8.01	11.87		1.83
1566+50.39 R3	-	1569+43.44 R3	RIGHT	3	293.05	65.94	97.68	8.14	15.04
1569+43.44 R3	-	1570+02.44 R3	RIGHT	3	59.00	13.28	19.67		3.03
1570+02.44 R3	-	1572+94.27 R3	RIGHT	3	291.83	65.66	97.28	8.11	14.98
1572+94.27 R3	-	1573+42.27 R3	RIGHT	3	48.00	10.80	16.00		2.46
1573+42.27 R3	-	1573+83.07 R3	RIGHT	3	40.80	9.18	13.60	1.13	2.09
1573+83.07 R3	-	1574+43.79 R3	RIGHT	3	145.32	32.70	48.44	4.04	7.46
1574+43.79 R3	-	1575+89.11 R3	RIGHT	3	48.00	10.80	16.00		2.46
1575+89.11 R3	-	1576+37.11 R3	RIGHT	3	181.21	40.77	60.40	5.03	9.30
1576+37.11 R3	-	1578+18.32 R3	RIGHT	3	49.00	11.03	16.33		2.52
1578+18.32 R3	-	1580+50.96 R3	RIGHT	3	183.64	41.32	61.21	5.10	9.43
1580+50.96 R3	-	1581+09.86 R3	RIGHT	3	58.90	13.25	19.63		3.02
1581+09.86 R3	-	1581+45.69 R3	RIGHT	3	35.83	8.06	11.94	1.00	1.84
1581+45.69 R3	-	1582+04.56 R3	RIGHT	3	58.87	13.25	19.62		3.02
1582+04.56 R3	-	1586+42.58 R3	RIGHT	3	438.02	98.55	146.01	12.17	22.49
1586+42.58 R3	-	1590+74.58 R3	RIGHT	3	240.51	54.11	80.17	6.68	12.35
STATION EQUATION 3 - STATION 1590+74.58 R3 BK = STATION 1590+79.78 R4 AH									
1590+79.78 R4	-	1593+72.58 R4	RIGHT	3	292.80	65.88	97.60	8.13	15.03
1593+72.58 R4	-	1594+40.83 R4	RIGHT	3	68.25	15.36	22.75		3.50
1594+40.83 R4	-	1594+73.90 R4	RIGHT	3	33.07	7.44	11.02	0.92	1.70
STATION EQUATION 4 - STATION 1594+73.90 R4 BK = STATION 43+67.02 R5 AH									
43+67.02 R5	-	63+66.26 R5	RIGHT	3	1,999.24	449.83	666.41	55.53	102.63
63+66.26 R5	-	90+43.55 R5	RIGHT	3	2,627.00	591.08	875.67	72.97	134.85
90+43.55 R5	-	103+60.36 R5	RIGHT	3	1,272.62	286.34	424.21		65.33
103+60.36 R5	-	104+21.61 R5	RIGHT	3	61.25	13.78	20.42	1.70	3.14
104+21.61 R5	-	108+50.73 R5	RIGHT	3	429.12	96.55	143.04		22.03
108+50.73 R5	-	109+20.10 R5	RIGHT	3	69.37	15.61	23.12	1.93	3.56
109+20.10 R5	-	115+89.87 R5	RIGHT	3	669.77	150.70	223.26		34.38
115+89.87 R5	-	116+46.11 R5	RIGHT	3	56.24	12.65	18.75	1.56	2.89
116+46.11 R5	-	143+99.79 R5	RIGHT	3	2,707.40	609.17	902.47		138.98
143+99.79 R5	-	218+00.00 R5	RIGHT	3	7,400.21	1,665.05	2,466.74	205.56	293.54
STATION EQUATION 5 - STATION 218+00.00 R5 BK = STATION 218+00.27 R6 AH									
218+00.27 R6	-	221+90.00 R6	RIGHT	3	389.73	87.69	129.91	10.83	20.01
221+90.00 R6	-	222+15.00 R6	RIGHT	3	25.00	5.63	8.33	0.69	0.64
IL 267 SUB-TOTAL						5975.50	8,852.59	601.57	1,354.20
IL 111									
1552+55.00	-	1552+80.03	RIGHT	3	25.03	5.63	8.34	0.70	
1552+80.03	-	1553+47.34	RIGHT	3	137.71	30.98	472.34		
IL 111 SUB-TOTAL						36.62	480.68	0.70	0.00
RIGHT SHOULDER TOTAL						6,012.12	9,333.27	602.26	1,354.20
GRAND SHOULDER TOTAL						* 12,080.41	* 18,833.16	1,363.21	2,826.09
USE						* SEE PAVING SCHEDULE FOR GRAND TOTALS	1,363	2,826	

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DRAWN -	TEC	REVISED -	
CHECKED -	THF	REVISED -	
DATE -	3-22-22	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FAP 10 (IL 267 / IL 111)
 SCHEDULE OF QUANTITIES**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	12
CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				

ENTRANCE SCHEDULES

SIDE	STATION	REGION	TYPE OF USE (PE, CE, SR)	SIDE ROAD NAME	EXISTING ENTRANCE MATERIAL (HMA, PCC, O&C, AGG)	EXISTING APRON MATERIAL (HMA, PCC, NONE)	WIDTH AT TIE-IN (FOOT)	MAILBOX TURNOUT (YES OR NO)	MAILBOX BK, AH, N/A)	APRON DEPTH FROM HMA SHOULDER (FOOT)	TIE-IN DEPTH FROM APRON (FOOT)	APRON AVERAGE THICKNESS (INCH)	TIE-IN AVERAGE THICKNESS (INCH)	35800100 PREPARATION OF BASE SQ YD	40200800 AGGREGATE SURF COURSE, TYPE B TON	40600290 BITUMINOUS MATERIALS (TACK CCAT) POUND	40600982 HMA SURFACE REM - BUTT JOINT SQ YD	40600985 PCC SURFACE REM - BUTT JOINT SQ YD	40800050 INCIDENTAL HMA SURFACING TON
RT	STA 487+18	1	PE		AGG	HMA	12	NO		5	7	2	1.5		0.99	7.75			1.93
RT	STA 493+19	1	CE		HMA	HMA	34	NO		7	0	2	1.5			14.38	31.95		3.58
LT	STA 501+26	2	SR	CENTENNIAL	O&C	HMA	44	NO		10	0	2	1.5			55.60	123.56		13.84
RT	STA 501+26	2	SR	N MAIN ST	O&C	HMA	53	NO		10	0	2	1.5			73.42	163.16		18.27
RT	STA 505+91	2	PE		AGG	HMA	12	NO		5	7	2	1.5		0.99	7.75			1.93
RT	STA 523+68	2	SR	GEORGE ST	O&C	HMA	30	NO		10	0	2	1.5			32.53	72.29		8.10
RT	STA 527+65	2	SR	CHARLES ST	O&C	HMA	37	NO		10	0	2	1.5			54.33	120.73		13.52
RT	STA 532+24	2	SR	WASHINGTON ST	O&C	HMA	33	NO		10	0	2	1.5			38.19	84.86		9.50
LT	STA 536+97	2	SR	STRUNKS RD	O&C	HMA	40	NO		10	0	2	1.5			44.63	99.18		11.11
RT	STA 536+97	2	SR	W LOCUST ST	O&C	HMA	52	NO		10	0	2	1.5			63.82	141.83		15.89
LT	STA 537+84	2	CE		AGG	HMA	35	NO		7	5	2	1.5		1.48	18.17			4.52
LT	STA 539+23	2	CE		AGG	HMA	35	NO		7	5	2	1.5		1.48	18.17			4.52
RT	STA 1566+21	3	CE		AGG	NONE	35	NO		7	5	2	1.5	40.44	1.48	18.20			4.53
RT	STA 1569+73	3	CE		AGG	HMA	35	NO		7	5	2	1.5		1.48	18.20			4.53
RI	STA 1573+18	3	CE		AGG	HMA	24	NO		7	5	2	1.5		1.07	14.35			3.57
RT	STA 1573+91	3	SR	RICE ST	O&C	HMA	50	NO		10	0	2	1.5			60.54	134.52		15.07
RT	STA 1576+13	3	PE		AGG	HMA	24	NO		5	7	2	1.5		1.61	10.75			2.68
RT	STA 1578+43	3	CE		HMA	PCC	35	NO		7	0	2	1.5			14.70		32.67	3.66
RT	STA 1580+80	3	CE		AGG	HMA	35	NO		7	5	2	1.5		1.48	18.26			4.54
RT	STA 1581+75	3	CE		AGG	HMA	35	NO		7	5	2	1.5		1.48	18.26			4.54
RT	STA 1588+20	3	SR	S MAIN ST	O&C	HMA	30	YES	AH	159	0	2	1.5			260.71	579.37		64.89
RT	STA 1593+97	4	PE		AGG	HMA	24	YES	AH	5	7	2	1.5		1.61	15.03			3.74
LT	STA 63+91	4	SR	FS RD	O&C	HMA	38	NO		10	0	2	1.5			55.23	122.73		13.75
RT	STA 63+91	4	SR	FS RD	O&C	HMA	40	NO		10	0	2	1.5			59.05	131.22		14.70
LT	STA 64+64	5	CE		AGG	HMA	35	NO		7	5	2	1.5		1.48	18.20			4.53
LT	STA 66+91	5	CE		AGG	HMA	35	NO		7	5	2	1.5		1.48	18.20			4.53
LT	STA 68+94	5	CE		PCC	PCC	34	NO		7	0	2	1.5			17.65		39.22	4.39
LT	STA 70+11	5	CE		PCC	PCC	24	NO		7	0	2	1.5			14.70		32.68	3.66
LT	STA 76+97	5	PE		AGG	HMA	20	YES	AH	5	7	2	1.5		1.40	14.03			3.49
LT	STA 89+46	5	PE		AGG	HMA	22	YES	AH	5	7	2	1.5		1.50	14.53			3.62
RT	STA 90+66	5	SR	OLD FIDELITY	O&C	HMA	34	NO		10	0	2	1.5			17.04	37.86		4.24
LT	STA 102+19	5	CE		AGG	HMA	35	YES	AH	7	5	2	1.5		1.48	24.63			6.13
RT	STA 104+04	5	PE		HMA	HMA	22	YES	BK	7	0	2	1.5			15.06	33.46		3.75
RT	STA 108+00	5	PE		HMA	HMA	24	YES	BK	7	0	2	1.5			17.29	38.41		4.30
LT	STA 110+14	5	PE		AGG	HMA	20	YES	BK	5	7	2	1.5		1.40	14.66			3.65
RT	STA 116+08	5	PE		HMA	HMA	22	YES	AH	7	0	2	1.5			14.43	32.07		3.59
LT	STA 143+76	5	SR	THREE TREES RD	O&C	HMA	36	NO		10	0	2	1.5			41.24	91.65		10.27
RT	STA 143+76	5	SR	THREE TREES RD	O&C	HMA	36	NO		10	0	2	1.5			41.26	91.69		10.27
LT	STA 164+63	5	CE		AGG	HMA	32	NO		7	5	2	1.5		1.37	17.15			4.27
LT	STA 185+47	5	PE		AGG	HMA	20	YES	BK	5	7	2	1.5		1.40	16.69			4.15
LT	STA 190+67	5	PE		HMA	HMA	24	YES	AH	7	0	2	1.5			15.13	33.62		3.77
LT	STA 193+15	5	PE		AGG	HMA	24	NO		5	7	2	1.5		1.61	10.75			2.68
LT	STA 210+55	5	CE		HMA	HMA	35	NO		7	0	2	1.5			51.38	114.18		12.79
LT	STA 212+53	5	CE		HMA	HMA	35	NO		7	0	2	1.5			46.38	103.07		11.54

ENTRANCE TOTALS														40.44	28.28	* 1,432.42	2,381.41	104.56	356.51
USE														40	28		2,381	105	357

* SEE PAVING SCHEDULE FOR GRAND TOTALS

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DRAWN -	TEC	REVISED -	
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DATE -	3-22-22	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP 10 (IL 267 / IL 111)
SCHEDULE OF QUANTITIES**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	13
CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				

CENTERLINE CONSTRUCTION IL 111

Element	Point Type	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction
Tangent	HPI	1539+92.52 R1	914722.73	2305358.61				
Tangent	PC	1549+88.83 R1	913818.03	2304941.23				
Arc	PC	1549+88.83 R1	913818.03	2304941.23				
Arc	HPI	1551+93.04 R1	913632.61	2304855.74	321.029	363.748	64°55'11.72"	Right
Arc	CC		913952.5	2304649.77				
Arc	PT	1553+52.58 R1	913631.48	2304651.54				
Tangent	PT	1553+52.58 R1	913631.48	2304651.54				
Tangent	END	1553+59.38 R1	913631.44	2304644.74				

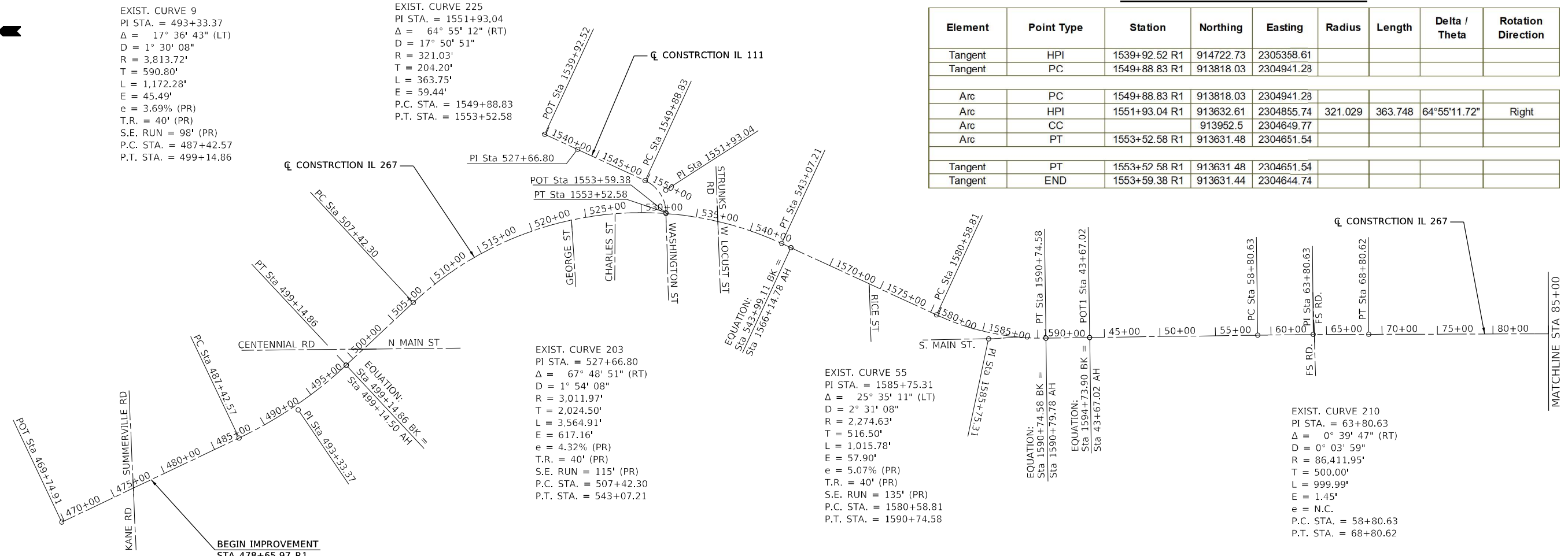
EXIST. CURVE 9
 PI STA. = 493+33.37
 $\Delta = 17^\circ 36' 43''$ (LT)
 $D = 1^\circ 30' 08''$
 $R = 3,813.72'$
 $T = 590.80'$
 $L = 1,172.28'$
 $E = 45.49'$
 $e = 3.69\%$ (PR)
 $T.R. = 40'$ (PR)
 $S.E. RUN = 98'$ (PR)
 $P.C. STA. = 487+42.57$
 $P.T. STA. = 499+14.86$

EXIST. CURVE 225
 PI STA. = 1551+93.04
 $\Delta = 64^\circ 55' 12''$ (RT)
 $D = 17^\circ 50' 51''$
 $R = 321.03'$
 $T = 204.20'$
 $L = 363.75'$
 $E = 59.44'$
 $P.C. STA. = 1549+88.83$
 $P.T. STA. = 1553+52.58$

EXIST. CURVE 203
 PI STA. = 527+66.80
 $\Delta = 67^\circ 48' 51''$ (RT)
 $D = 1^\circ 54' 08''$
 $R = 3,011.97'$
 $T = 2,024.50'$
 $L = 3,564.91'$
 $E = 617.16'$
 $e = 4.32\%$ (PR)
 $T.R. = 40'$ (PR)
 $S.E. RUN = 115'$ (PR)
 $P.C. STA. = 507+42.30$
 $P.T. STA. = 543+07.21$

EXIST. CURVE 55
 PI STA. = 1585+75.31
 $\Delta = 25^\circ 35' 11''$ (LT)
 $D = 2^\circ 31' 08''$
 $R = 2,274.63'$
 $T = 516.50'$
 $L = 1,015.78'$
 $E = 57.90'$
 $e = 5.07\%$ (PR)
 $T.R. = 40'$ (PR)
 $S.E. RUN = 135'$ (PR)
 $P.C. STA. = 1580+58.81$
 $P.T. STA. = 1590+74.58$

EXIST. CURVE 210
 PI STA. = 63+80.63
 $\Delta = 0^\circ 39' 47''$ (RT)
 $D = 0^\circ 03' 59''$
 $R = 86,411.95'$
 $T = 500.00'$
 $L = 999.99'$
 $E = 1.45'$
 $e = N.C.$
 $P.C. STA. = 58+80.63$
 $P.T. STA. = 68+80.62$



CENTERLINE CONSTRUCTION IL 267

Element	Point Type	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction
Tangent	START	469+74.91 R1	919073.75	2301862.92				
Tangent	PC	487+42.57 R1	917477.10	2302621.42				
Arc	PC	487+42.57 R1	917477.10	2302621.42				
Arc	HPI	493+33.37 R1	916943.45	2302874.94	3013.72	1172.28	17°36'43"	Left
Arc	CC		919113.56	2306066.19				
Arc	PT	499+14.50 R2	916511.53	2303278.03				
Tangent	PT	499+14.50 R2	916511.53	2303278.03				
Back Station		499+14.86 R1	916511.53	2303278.03				
Ahead Station		499+14.50 R2						
Tangent	PC	507+42.30 R2	915906.33	2303842.82				
Arc	PC	507+42.30 R2	915906.33	2303842.82				
Arc	HPI	527+66.80 R2	914426.24	2305224.10	3011.97	3564.91	67°48'51"	Right
Arc	CC		913851.31	2301640.81				
Arc	PT	543+07.21 R2	912588.33	2304375.19				

IL 267 STATION EQUATION REGIONS

STA 478+65.97 (AH) = STA 499+14.96 (BK) REGION 1 (R1)
 STA 499+14.50 (AH) = STA 1566+14.78 (BK) REGION 2 (R2)
 STA 1590+74.58 (AH) = STA 1590+79.78 (BK) REGION 3 (R3)
 STA 1594+73.90 (AH) = STA 43+67.02 (BK) REGION 4 (R4)
 STA 218+00.00 (AH) = STA 218+00.27 (BK) REGION 5 (R5)
 STA 218+00.00 (AH) = STA 222+15.00 (BK) REGION 6 (R6)

CENTERLINE CONSTRUCTION IL 267

Element	Point Type	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction
Tangent	PT	543+07.21 R2	912588.33	2304375.19				
Tangent	HPI	1566+14.78 R3	912504.90	2304336.65				
Tangent	HPI	1566+14.78 R3	912504.90	2304336.65				
Back Station		543+99.11 R2	912504.90	2304336.65				
Ahead Station		1566+14.78 R3						
Tangent	PC	1580+58.81 R3	911193.95	2303731.14				
Arc	PC	1580+58.81 R3	911193.95	2303731.14				
Arc	HPI	1585+75.31 R3	910725.06	2303514.56	2274.63	1015.78	25°35'11"	Left
Arc	CC		910240.15	2305796.13				
Arc	PT	1590+79.78 R4	910208.60	2303521.72				
Tangent	PT	1590+79.78 R4	910208.60	2303521.72				
Back Station		1590+74.58 R3	910208.60	2303521.72				
Ahead Station		1590+79.78 R4						
Tangent	HPI	43+67.02 R5	909814.52	2303527.19				
Tangent	HPI	43+67.02 R5	909814.52	2303527.19				
Back Station		1594+73.90 R4	909814.52	2303527.19				
Ahead Station		43+67.02 R5						
Tangent	PC	58+80.63 R5	908301.05	2303548.18				

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PLOT DATE = 3/24/2022	DATE - 3-22-22	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

FAP 10 (IL 267 / IL 111)
 ALIGNMENT, TIES, & BENCHMARKS

SCALE: 1"=500' SHEET OF SHEETS STA. TO STA.

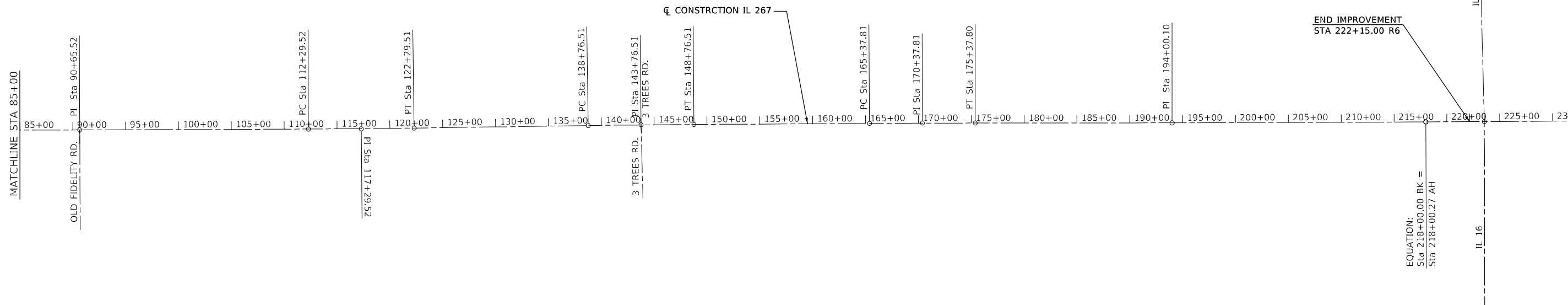
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	14
CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE 214
 PI STA. = 117+29.52
 $\Delta = 0^\circ 35' 12''$ (LT)
 $D = 0^\circ 03' 31''$
 $R = 97,668.01'$
 $T = 500.00'$
 $L = 999.99'$
 $E = 1.28'$
 $e = \text{N.C.}$
 P.C. STA. = 112+29.52
 P.T. STA. = 122+29.51

EXIST. CURVE 215
 PI STA. = 143+76.51
 $\Delta = 0^\circ 27' 51''$ (RT)
 $D = 0^\circ 02' 47''$
 $R = 123,450.35'$
 $T = 500.00'$
 $L = 999.99'$
 $E = 1.01'$
 $e = \text{N.C.}$
 P.C. STA. = 138+76.51
 P.T. STA. = 148+76.51

EXIST. CURVE 216
 PI STA. = 170+37.81
 $\Delta = 0^\circ 18' 16''$ (RT)
 $D = 0^\circ 01' 50''$
 $R = 188,210.87'$
 $T = 500.00'$
 $L = 1,000.00'$
 $E = 0.66'$
 $e = \text{N.C.}$
 P.C. STA. = 165+37.81
 P.T. STA. = 175+37.80



CENTERLINE CONSTRUCTION IL 267

Element	Point Type	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction
Arc	PC	58+80.63 R5	908301.05	2303548.18				
Arc	HPI	63+80.63 R5	907801.10	2303555.12	86411.95	999.99	00°39'47"	Right
Arc	CC		907102.58	2217144.55				
Arc	PT	68+80.62 R5	907301.10	2303556.27				
Tangent	PT	68+80.62 R5	907301.10	2303556.27				
Tangent	HPI	90+65.52 R5	905116.21	2303561.29				
Tangent	HPI	90+65.52 R5	905116.21	2303561.29				
Tangent	PC	112+29.52 R5	902952.23	2303570.00				
Arc	PC	112+29.52 R5	902952.23	2303570.00				
Arc	HPI	117+29.52 R5	902452.23	2303572.01	97668.01	999.99	00°35'12"	Left
Arc	CC		903345.45	2401237.22				
Arc	PT	122+29.51 R5	901952.28	2303579.14				
Tangent	PT	122+29.51 R5	901952.28	2303579.14				
Tangent	PC	138+76.51 R5	900305.45	2303602.64				

CENTERLINE CONSTRUCTION IL 267

Element	Point Type	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction
Arc	PC	138+76.51 R5	900305.45	2303602.64				
Arc	HPI	143+76.51 R5	899805.50	2303609.77	123450.35	1000.00	00°27'51"	Right
Arc	CC		898544.51	2180164.85				
Arc	PT	148+76.51 R5	899305.51	2303612.85				
Tangent	PT	148+76.51 R5	899305.51	2303612.85				
Tangent	PC	165+37.81 R5	897644.24	2303623.09				
Arc	PC	165+37.81 R5	897644.24	2303623.09				
Arc	HPI	170+37.81 R5	897144.25	2303626.17	188210.87	1000.00	00°18'16"	Right
Arc	CC		896484.04	2115415.80				
Arc	PT	175+37.80 R5	896644.25	2303626.60				
Tangent	PT	175+37.80 R5	896644.25	2303626.60				
Tangent	HPI	194+00.10 R5	894781.95	2303628.19				
Tangent	HPI	194+00.10 R5	894781.95	2303628.19				
Tangent	HPI	218+00.27 R6	892382.07	2303636.90				
Back Station		218+00.00 R5	892382.07	2303636.90				
Ahead Station		218+00.27 R6						
Tangent	HPI	232+07.70 R6	890974.67	2303645.85				

IL 267 STATION EQUATION REGIONS

STA 478+65.97 (AH) = STA 499+14.96 (BK) REGION 1 (R1)
 STA 499+14.50 (AH) = STA 1566+14.78 (BK) REGION 2 (R2)
 STA 1590+74.58 (AH) = STA 1590+79.78 (BK) REGION 3 (R3)
 STA 1594+73.90 (AH) = STA 43+67.02 (BK) REGION 4 (R4)
 STA 218+00.00 (AH) = STA 218+00.27 (BK) REGION 5 (R5)
 STA 218+00.00 (AH) = STA 222+15.00 (BK) REGION 6 (R6)

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 CHECKED - TEC
 DATE - 3-22-22

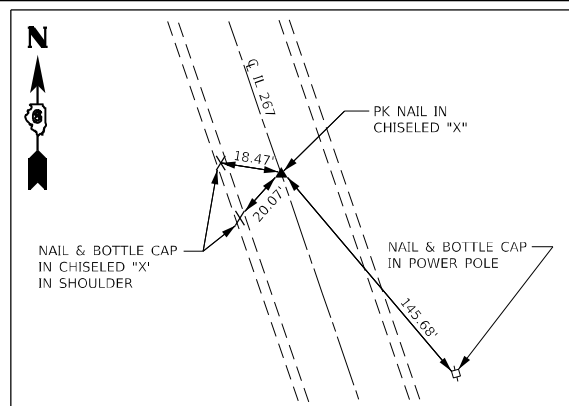
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

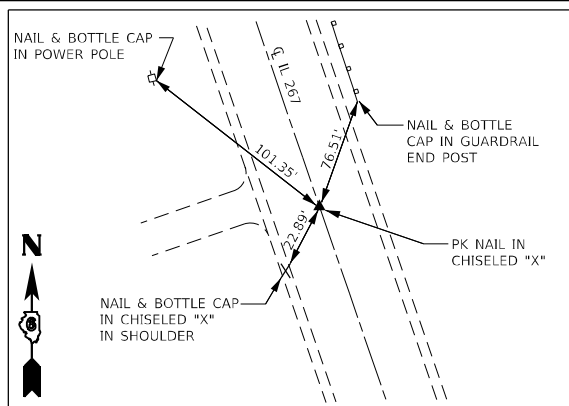
**FAP 10 (IL 267 / IL 111)
 ALIGNMENT, TIES, & BENCHMARKS**

SCALE: 1"=500' SHEET OF SHEETS STA. TO STA.

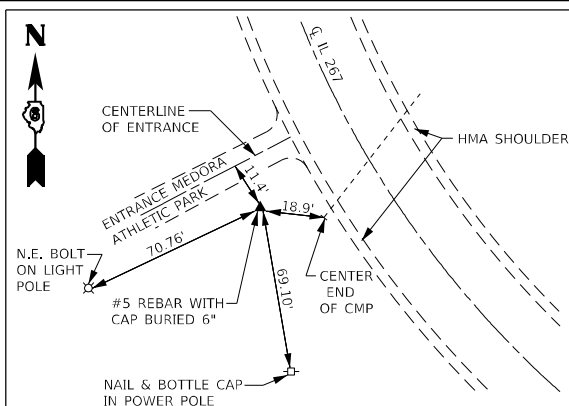
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	15
CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				



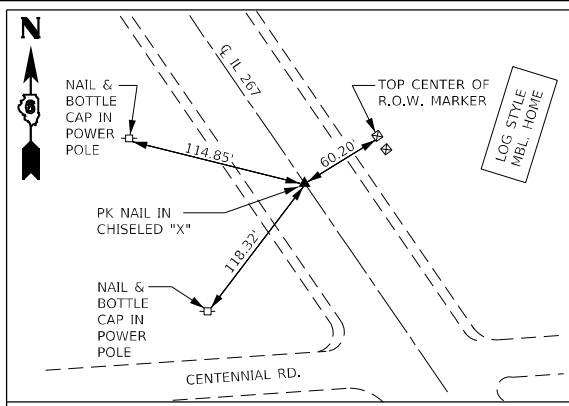
POT STA. 469 + 74.91



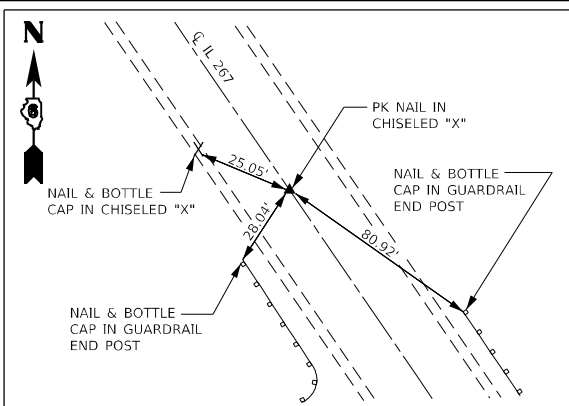
PC STA. 487 + 42.57



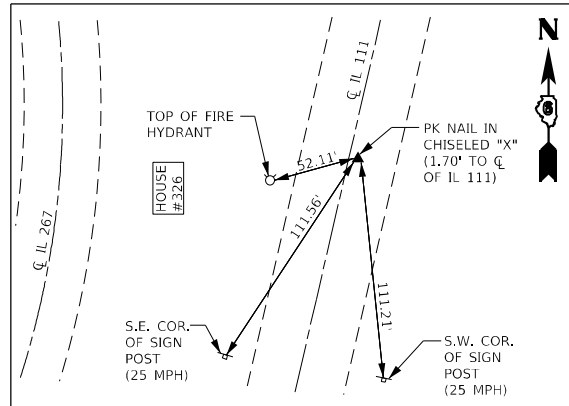
PI STA. 493 + 33.37



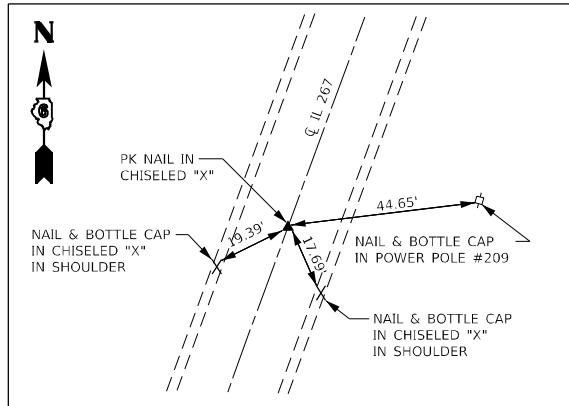
PT STA. 499 + 14.86 (BK) =
STA. 499 + 14.50 (AH)



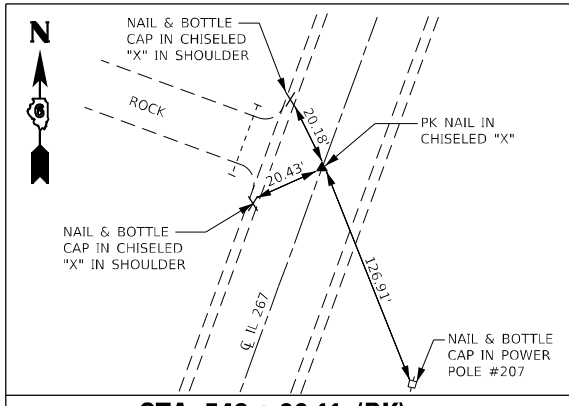
PC STA. 507 + 42.30



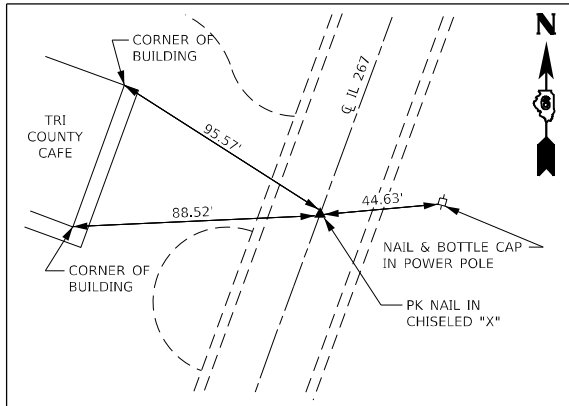
PI STA. 527 + 66.80



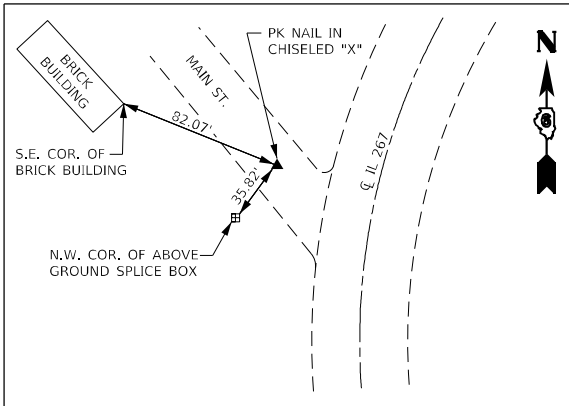
PT STA. 543 + 07.21



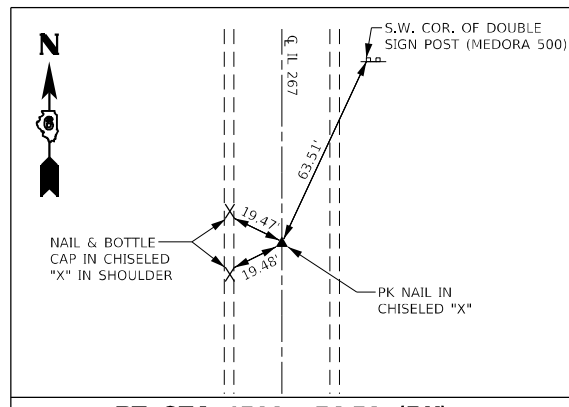
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STA. 1566 + 14.78 (AH)



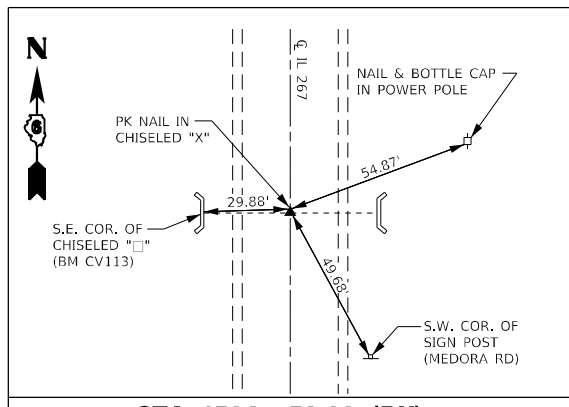
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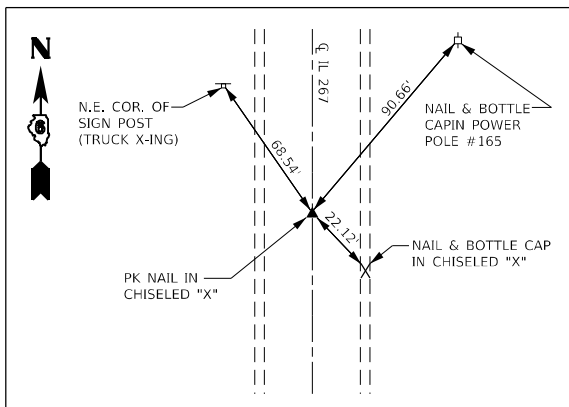
PI STA. 1585 + 75.31



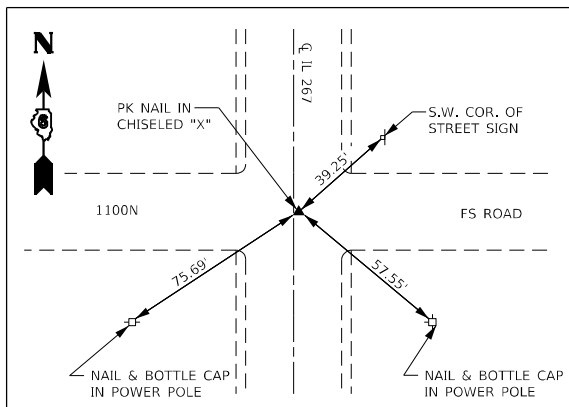
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STA. 1590 + 79.78 (AH)



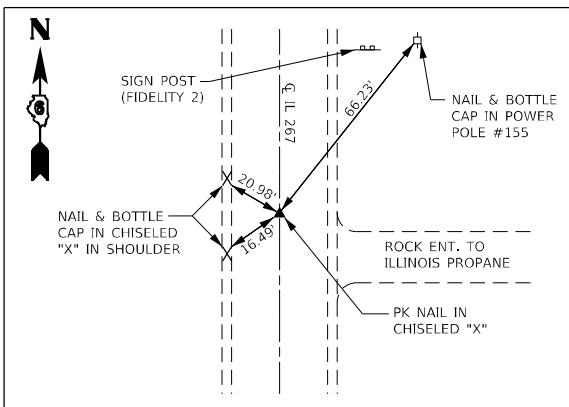
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STA. 43 + 67.02 (AH)



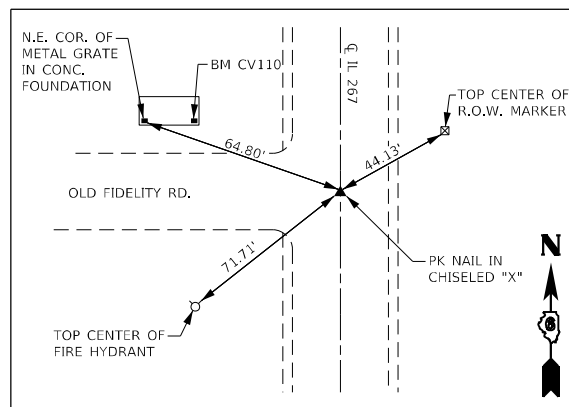
PC STA. 58 + 80.63



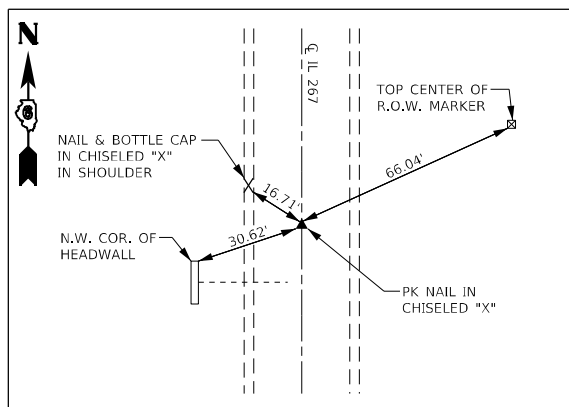
PI STA. 63 + 80.63



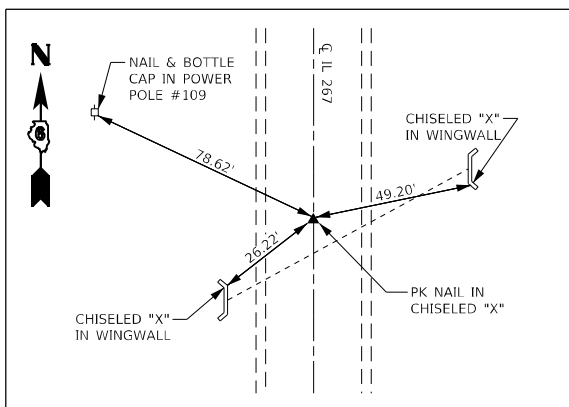
PT STA. 68 + 80.62



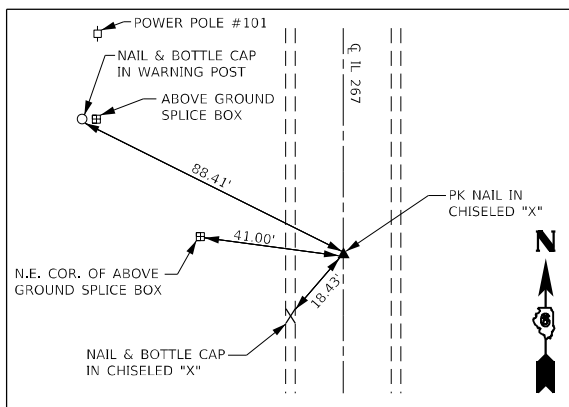
PI STA. 90 + 65.52



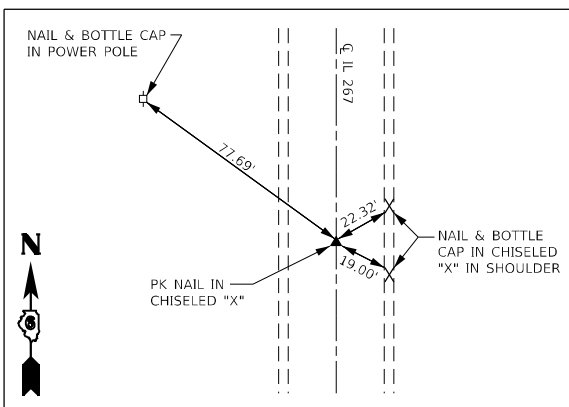
PC STA. 112 + 29.52



PI STA. 117 + 29.52



PT STA. 122 + 29.51



PT STA. 138 + 76.51

MODEL: D:\c\h\l
FILE NAME: 006-D672D11-ATB.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB = 2644.4
FILE NAME = 006-D672D11-SHT-ATB.dgn
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PLOT DATE = 3/24/2022

DESIGNED - TEC
DRAWN - SJS
CHECKED - TEC
DATE - 3-22-22

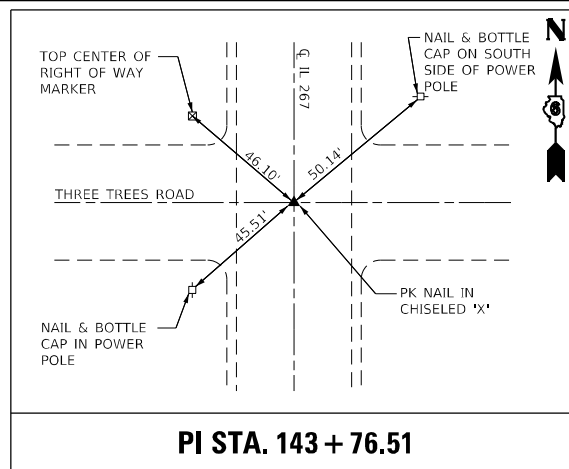
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

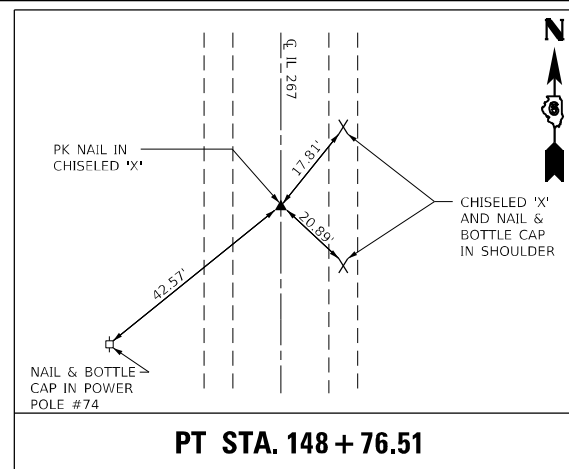
FAP 10 (IL 267 / IL 111)
ALIGNMENT, TIES, & BENCHMARKS

SCALE: NONE SHEET OF SHEETS STA. TO STA.

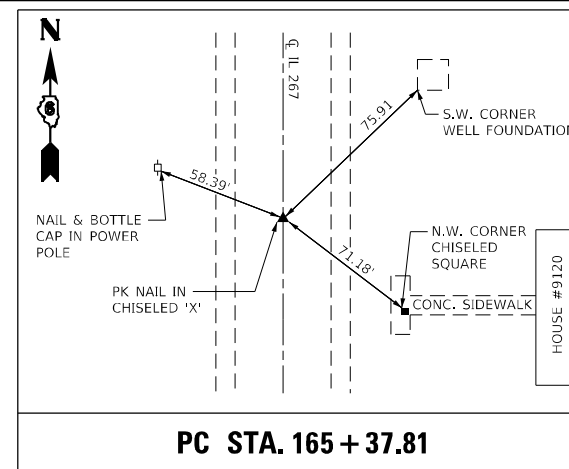
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	16
CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				



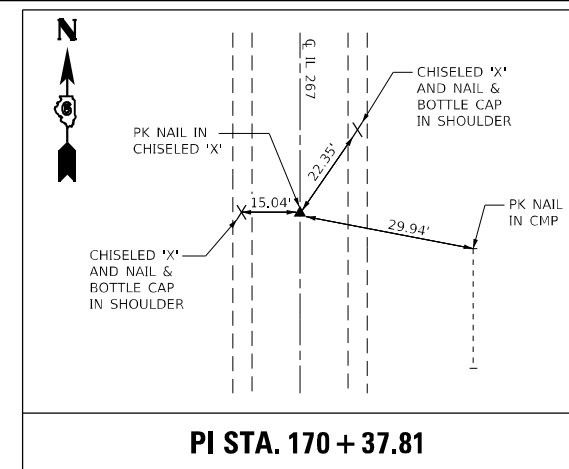
PI STA. 143 + 76.51



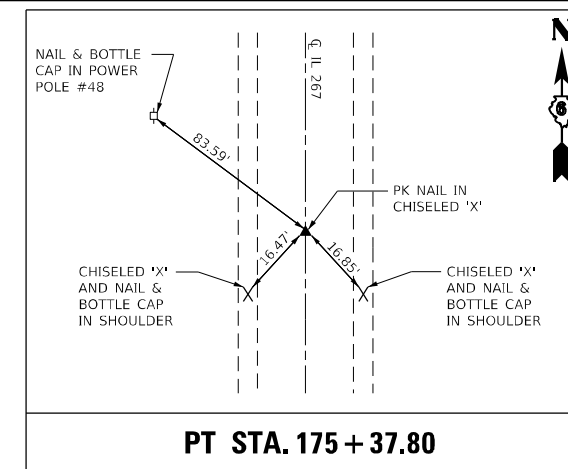
PT STA. 148 + 76.51



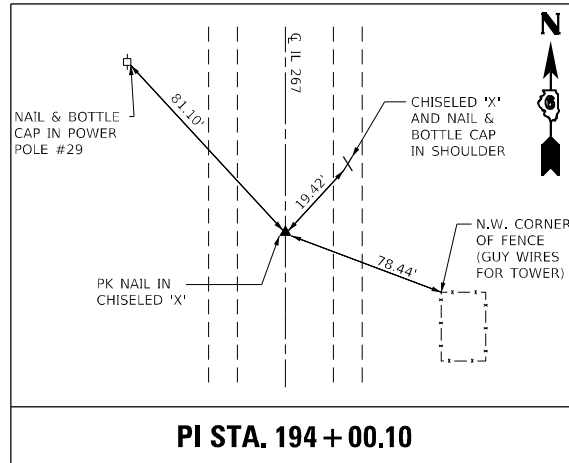
PC STA. 165 + 37.81



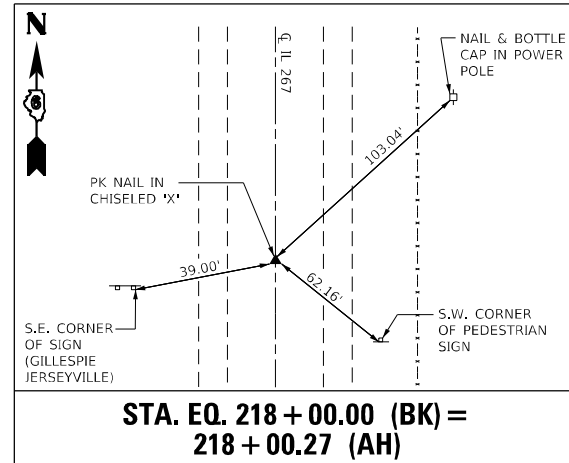
PI STA. 170 + 37.81



PT STA. 175 + 37.80



PI STA. 194 + 00.10



**STA. EQ. 218 + 00.00 (BK) =
218 + 00.27 (AH)**

BENCHMARK TB117

ELEV. = 606.023

SET CHISELED SQUARE ON WEST SIDE OF OLD IL67/IL267 ON CENTER OF A 5'x6' BOX CULVERT ON CATTLE CROSSING. STA. 508+48.40; 23.05' RT.

BENCHMARK TB118

ELEV. = 598.829

SET CHISELED SQUARE ON OLD HEADWALL THAT WAS EXT. AT S.E. QUADRANT OF THE INTERSECTION OF CENTENNIAL RD./IL 267. STA. 501+31.6; 28.3' LT.

BENCHMARK TB119

ELEV. = 591.182

SET CHISELED SQUARE ON WEST SIDE OF IL 267 @ THE CENTER OF A 4'x6' BOX CULVERT ON THE LEFT SIDE OF RD. AND SOUTH 0.20 MILES OF COUNTY LINE ON US 267. STA. 485+66.02; 21.2' RT.

BENCHMARK TB120

ELEV. = 581.705

SET CHISELED SQUARE ON WEST SIDE OF IL 267 @ THE CENTER OF A EXT. HEADWALL WITH FLARED END SECTION & NORTH 0.20 MILES OF THE COUNTY LINE ON LEFT SIDE.

BENCHMARK TB121

ELEV. = 570.573

SET CHISELED SQUARE ON WEST SIDE OF IL 267 ON BELL OF THE FLARED END SECTION & SOUTH SIDE OF THE FIELD ENTRANCE BY STA. LEFT SIDE & NORTH OF THE COUNTY LINE 0.55 MILES.

BENCHMARK TB122

ELEV. = 560.779

SET CHISELED SQUARE ON THE WEST SIDE OF IL 267 @ THE CENTER OF A 4'x4' BOX CULVERT SKEWED, BY STA. LEFT SIDE & SOUTH OF T.R. APPLE TREES RD. 0.20 MILES.

BENCHMARK CV100

ELEV. = 615.262

SET A CHISELED SQUARE ON THE SOUTH END OF A 15" RCP AT SOUTH ENTRANCE TO SOUTHWESTERN SCHOOL AT 0.24 MILES NORTH FROM INTERSECTION OF IL 16/IL 267 ON EAST SIDE OF IL 267.

BENCHMARK CV101

ELEV. = 619.952

SET A CHISELED SQUARE ON BASE TO OLD FENCE CORNER AROUND SCHOOL GROUND ON EAST SIDE OF IL 267 AT 0.43 MILES NORTH FROM INTERSECTION OF IL 16/IL 267.

BENCHMARK CV102

ELEV. = 612.916

SET A CHISELED SQUARE ON SOUTHWEST CORNER OF WEST HEADWALL ON WEST SIDE OF IL 267 OF A 2x1.8 BOX AT 0.53 MILES NORTH FROM INTERSECTION OF IL 16/IL 267.

BENCHMARK CV103

ELEV. = 611.790

SET A CHISELED SQUARE ON CENTER OF A HEADWALL ON EAST SIDE OF IL 267 AT 0.61 MILES NORTH FROM INTERSECTION OF IL 16/IL 267; JUST SOUTH OF FARM HOUSE ENTRANCE.

BENCHMARK CV104

ELEV. = 606.676

FOUND A CHISELED SQUARE ON CENTER OF A HEADWALL OF A BOX AT A SPILLWAY TO WEST FIELD ON WEST SIDE OF IL 267 AT 0.82 MILES NORTH FROM INTERSECTION OF IL 16/IL 267.

BENCHMARK CV105

ELEV. = 621.011

SET A CHISELED SQUARE ON OLD SIDEWALK END JUST EAST OF IL 267 AND SOUTH OF PRIVATE ENTRANCE TO FARM HOUSE AT 1.10 MILES NORTH FROM INTERSECTION OF IL 16/IL 267.

BENCHMARK CV106

ELEV. = 624.610

SET A CHISELED SQUARE ON A 2x1.6 BOX AT CENTER OF HEADWALL ON EAST SIDE OF IL 267 AT 1.43 MILES NORTH FROM INTERSECTION OF IL 16/IL 267.

BENCHMARK CV107

ELEV. = 623.315

FOUND RAILROAD SPIKE ON SOUTH SIDE OF POWER POLE AT FIELD ENTRANCE ON WEST SIDE OF IL 267 AT 1.75 MILES NORTH FROM INTERSECTION OF IL 16/IL 267 ON NORTH EDGE OF ENTRANCE.

BENCHMARK CV108

ELEV. = 614.132

SET CHISELED SQUARE ON A 2x4 BOX ON A SKEW AT CENTER OF HEADWALL ON EAST SIDE OF IL 267 AT 2.00 MILES NORTH FROM INTERSECTION OF IL 16/IL 267.

BENCHMARK CV109

ELEV. = 606.550

SET CHISELED SQUARE ON CENTER OF HEADWALL TO A 8x8 BOX AT SPILLWAY ON WEST SIDE OF IL 267 AT 2.17 MILES NORTH FROM INTERSECTION OF IL 16/IL 267.

BENCHMARK CV110

ELEV. = 616.979

SET A CHISELED SQUARE ON THE SOUTHEAST CORNER BUT NOT ON THE CORNER OF 7x15.6 CONCRETE PAD ON THE WEST SIDE OF IL 267 OLD FIDELITY ROAD JUST SOUTH OF BENCHMARK AT 2.50 MILES NORTH FROM INTERSECTION OF IL 16/IL 267.

BENCHMARK CV111

ELEV. = 615.899

FOUND R.R. SPIKE ON WEST SIDE OF POWER POLE ON EAST SIDE OF IL 267 AT ILLINOIS PROPANE. 2.87 MILES NORTH FROM IL 267/IL 16

BENCHMARK CV112

ELEV. = 612.590

SET CHISELED SQUARE ON SOUTH END OF A 18" RCP ON WEST SIDE OF IL 267 AND AT THE SOUTHWEST QUADRANT OF INTERSECTION OF F.S. ROAD AND IL 267 AT 1.02 MILES SOUTH FROM INTERSECTION OF STRUNKS ROAD/IL 267.

BENCHMARK CV113

ELEV. = 610.181

SET CHISELED SQUARE ON CENTER OF HEADWALL OF A 3.6x3.6 BOX ON THE WEST SIDE OF IL 267 AND SOUTH OF PRIVATE ENTRANCE OF FARM HOUSE AT 0.65 MILES SOUTH FROM INTERSECTION OF STRUNKS ROAD/IL 267.

BENCHMARK CV114

ELEV. = 610.073

SET CHISELED SQUARE ON CENTER OF FLARED END SECTION OF 15" RCP AT WEST SIDE OF IL 267 AND SOUTH OF INTERSECTION OF EAST RICE STREET IN MEDORA.

BENCHMARK CV115

ELEV. = 609.643

SET CHISELED SQUARE ON CENTER OF 48" RCP WITH FLARED END ON WEST SIDE OF IL 267 AT 876 FEET FROM INTERSECTION OF STRUNKS ROAD/IL 267.

BENCHMARK CV116

ELEV. = 611.101

SET CHISELED SQUARE AT CENTER OF HEADWALL OF A 36" RCP WITH WINGS AT INTERSECTION OF STRUNKS ROAD/IL 267 AT NORTHWEST QUADRANT IN MEDORA.

MODEL: D:\cfs\h...
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JOB = 2644.4
FILE NAME = 006-D672D11-sh-ATB.dgn
PLOT SCALE = 1000.0000 * / in.
PLOT DATE = 3/24/2022

DESIGNED - TEC
DRAWN - SJS
CHECKED - TEC
DATE - 3-22-22

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

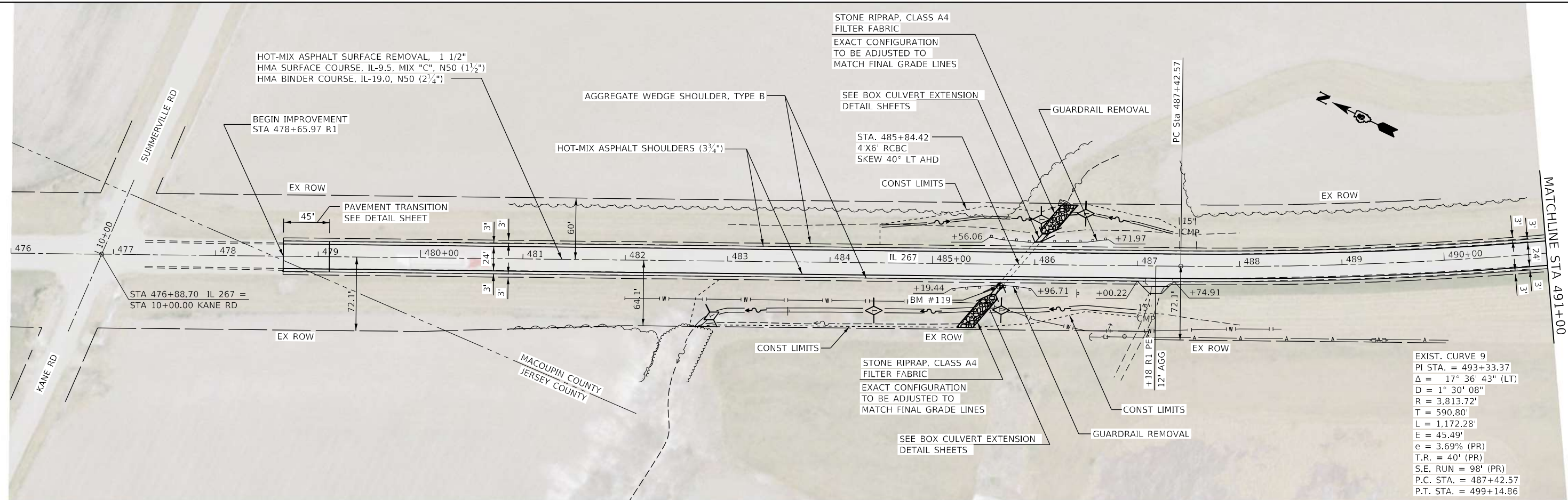
**FAP 10 (IL 267 / IL 111)
ALIGNMENT, TIES, & BENCHMARKS**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

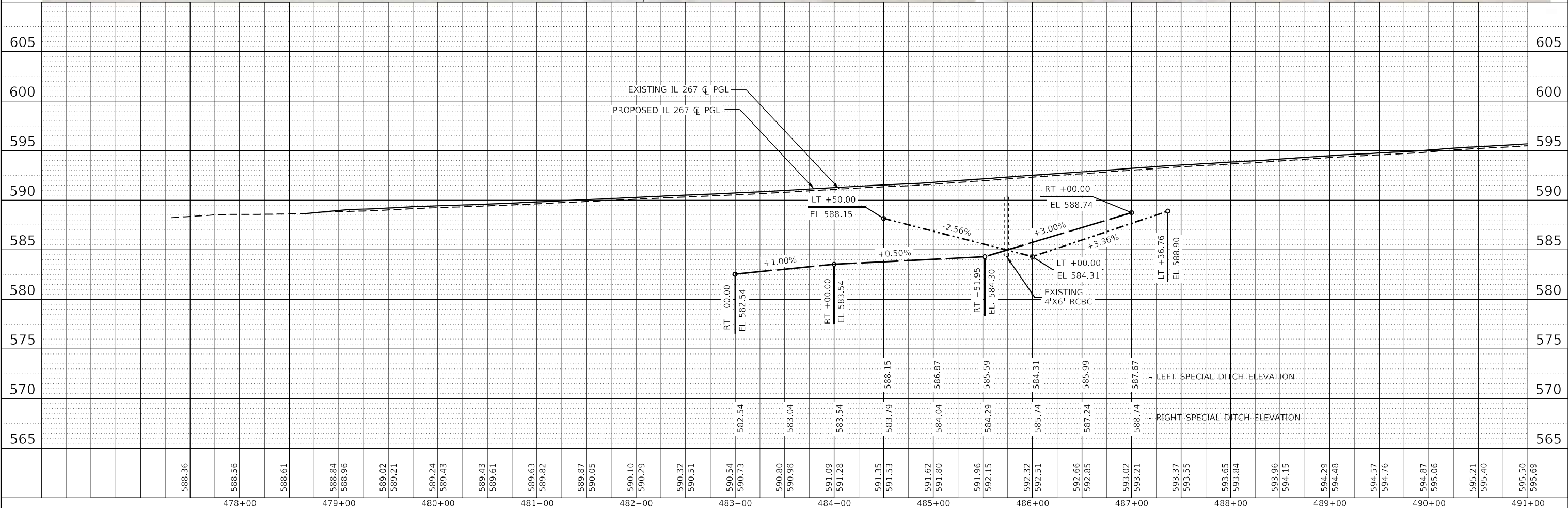
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	17
CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTARIS	
	NO.	



EXIST. CURVE 9
 PI STA. = 493+33.37
 $\Delta = 17^\circ 36' 43''$ (LT)
 $D = 1^\circ 30' 08''$
 $R = 3,813.72'$
 $T = 590.80'$
 $L = 1,172.28'$
 $E = 45.49'$
 $e = 3.69\%$ (PR)
 $T.R. = 40'$ (PR)
 $S.E. RUN = 98'$ (PR)
 $P.C. STA. = 487+42.57$
 $P.T. STA. = 499+14.86$



MODEL: Default
 FILE NAME: 007-D672D11-plan_50.dgn

CEC Cummins Engineering Corporation ENGINEERS & SURVEYORS	JOB = 2644.4 FILE NAME = 007-D672D11-plan_50.dgn PLOT SCALE = 100,0000' / in. PLOT DATE = 3/24/2022	DESIGNED - TEC DRAWN - TEC CHECKED - THF DATE - 3-22-22	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 10 (IL 267 / IL 111) PLAN & PROFILE	SCALE: 1"=50' SHEET 1 OF 15 SHEETS STA. TO STA.	F.A.P. R.T.E. SECTION COUNTY TOTAL SHEETS SHEET NO. 10 128RS-5, 126RS-7, 411R MACOUPIN 52 18 CONTRACT NO. 72D11	ILLINOIS FED. AID PROJECT
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HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
 HMA SURFACE COURSE, IL-9.5, MIX "C", N50 (1 1/2")
 HMA BINDER COURSE, IL-19.0, N50 (2 3/4")

AGGREGATE WEDGE SHOULDER, TYPE B

HOT-MIX ASPHALT SHOULDERS (3 3/4")

EXIST. CURVE 9
 PI STA. = 493+33.37
 $\Delta = 17^\circ 36' 43"$ (LT)
 $D = 1^\circ 30' 08"$
 $R = 3,813.72'$
 $T = 590.80'$
 $L = 1,172.28'$
 $E = 45.49'$
 $e = 3.69\%$ (PR)
 $T.R. = 40'$ (PR)
 $S.E. RUN = 98'$ (PR)
 $P.C. STA. = 487+42.57$
 $P.T. STA. = 499+14.86$

EQUATION:
 Sta 499+14.86 BK =
 Sta 499+14.50 AH

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JOB = 26444
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 PLOT DATE = 3/24/2022

DESIGNED - TEC
 DRAWN - TEC
 CHECKED - THF
 DATE - 3-22-22

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

FAP 10 (IL 267 / IL 111)
 PLAN

SCALE: 1"=50' SHEET 2 OF 15 SHEETS STA. TO STA.

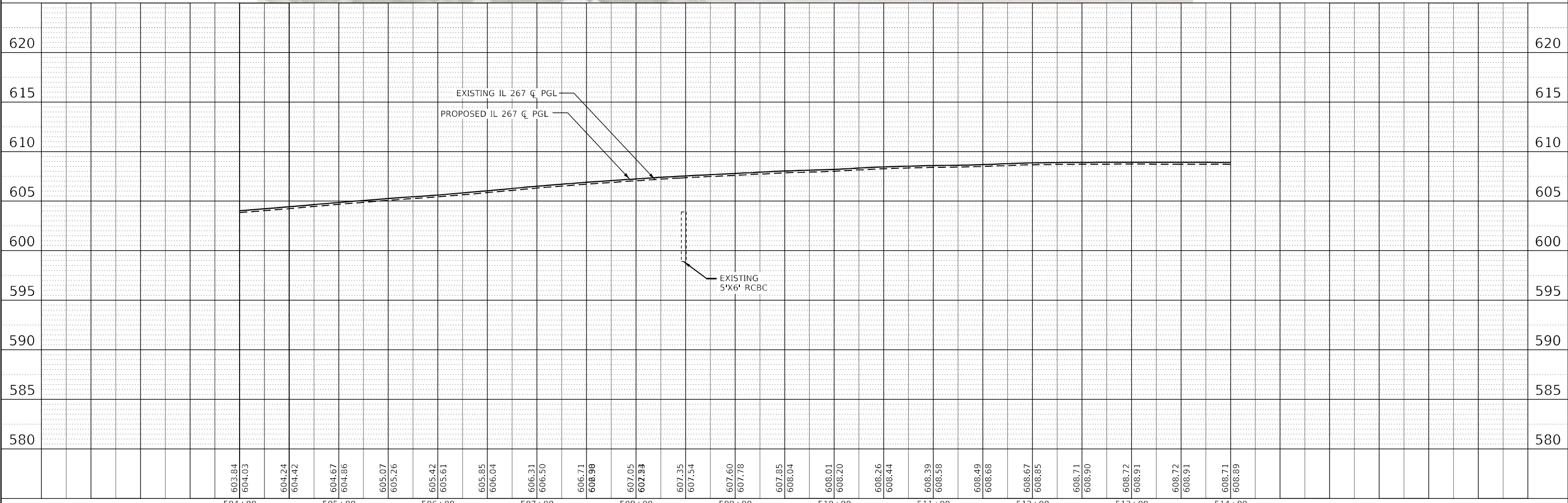
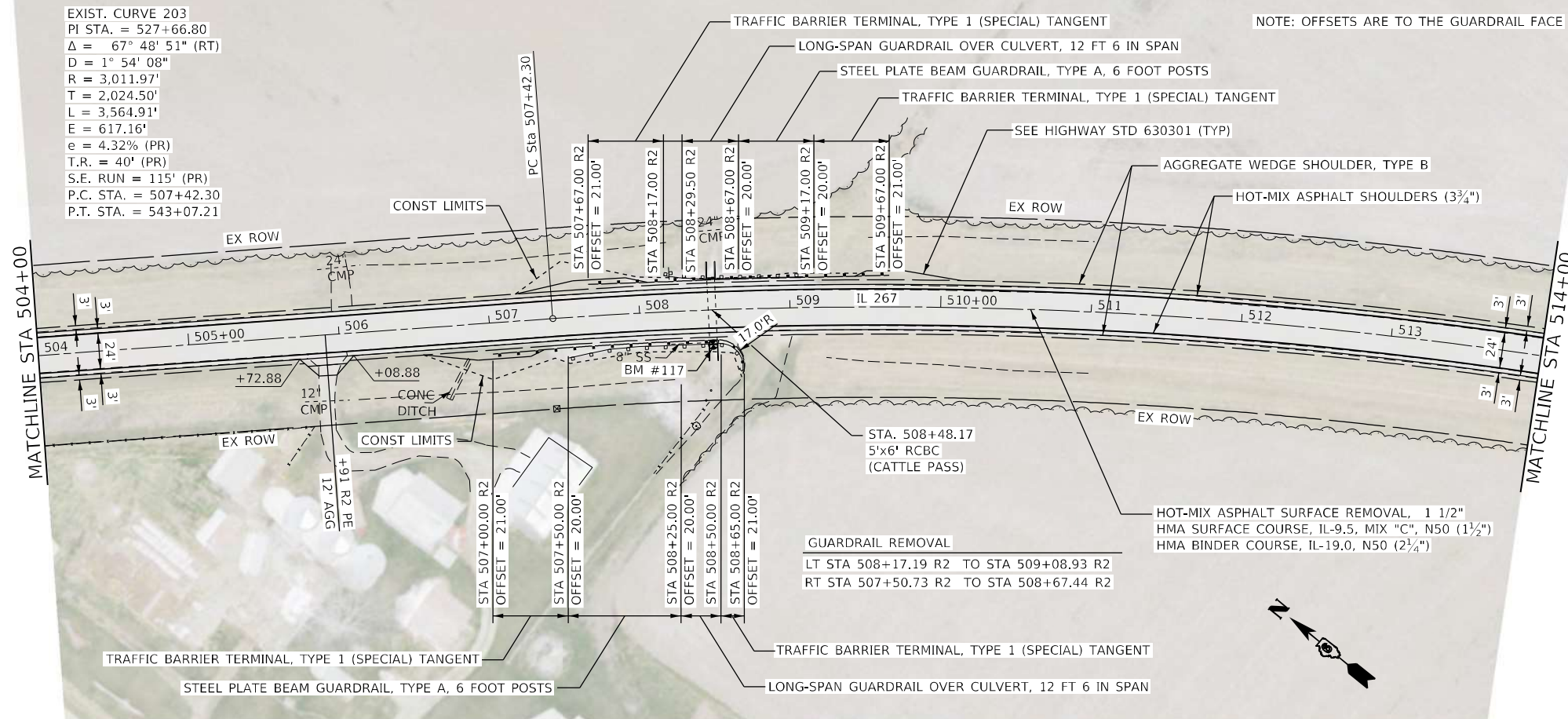
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	19
CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTARIS	
	NO.	

EXIST. CURVE 203
 PI STA. = 527+66.80
 $\Delta = 67^\circ 48' 51''$ (RT)
 $D = 1^\circ 54' 08''$
 $R = 3,011.97'$
 $T = 2,024.50'$
 $L = 3,564.91'$
 $E = 617.16'$
 $e = 4.32\%$ (PR)
 $T.R. = 40'$ (PR)
 $S.E. RUN = 115'$ (PR)
 $P.C. STA. = 507+42.30$
 $P.T. STA. = 543+07.21$

NOTE: OFFSETS ARE TO THE GUARDRAIL FACE

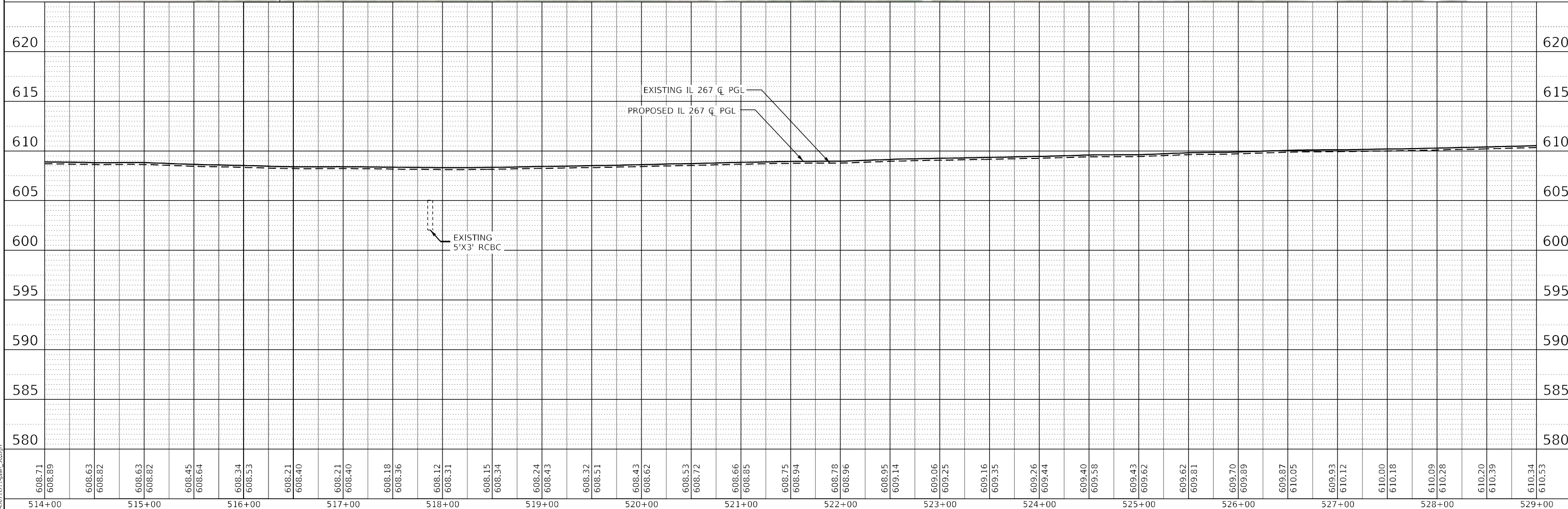
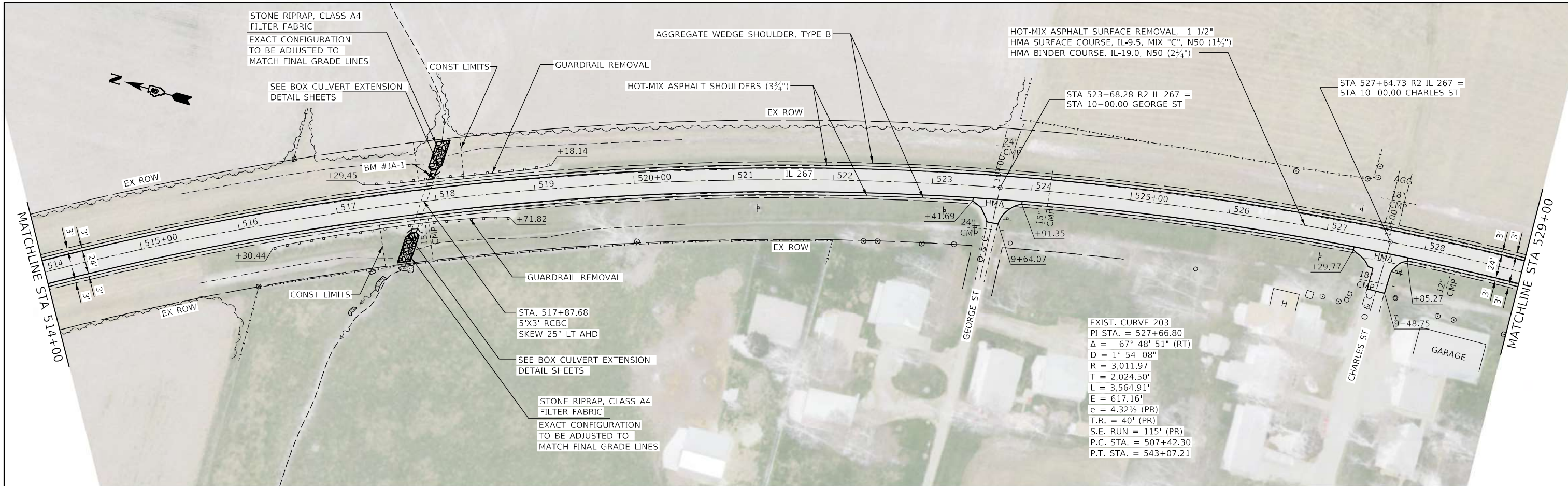


MODEL: Default
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CEC Cummins Engineering Corporation ENGINEERS & SURVEYORS	JOB = 2644.4 FILE NAME = 007-D672D11-plan_50.dgn PLOT SCALE = 100,0000' / in. PLOT DATE = 3/24/2022	DESIGNED - TEC DRAWN - TEC CHECKED - THF DATE - 3-22-22	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 10 (IL 267 / IL 111) PLAN & PROFILE	SCALE: 1"=50' SHEET 3 OF 15 SHEETS STA. TO STA.	F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 10 128RS-5, 126RS-7, 411R MACOUPIN 52 20 CONTRACT NO. 72D11	ILLINOIS FED. AID PROJECT
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PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	CHECKED
	NOTE BOOK	CADD FILE NAME
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	CHECKED
	NOTE BOOK	STRUCTURE NOTATION
	NO.	REVISED



608.71	608.89	608.63	608.82	608.63	608.82	608.45	608.64	608.34	608.53	608.21	608.40	608.21	608.40	608.18	608.36	608.12	608.31	608.15	608.34	608.24	608.43	608.32	608.51	608.43	608.62	608.53	608.72	608.66	608.95	608.75	608.94	608.78	608.96	608.95	609.14	609.06	609.25	609.16	609.35	609.26	609.44	609.40	609.58	609.43	609.62	609.62	609.62	609.81	609.81	609.70	609.89	609.87	610.05	609.93	610.12	610.00	610.18	610.09	610.28	610.20	610.39	610.34	610.53
514+00	515+00	516+00	517+00	518+00	519+00	520+00	521+00	522+00	523+00	524+00	525+00	526+00	527+00	528+00	529+00																																																

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB = 2644.4
FILE NAME = 007-D672D11-plan_50.dgn
PLOT SCALE = 100,0000' / in.
PLOT DATE = 3/24/2022

DESIGNED - TEC
DRAWN - TEC
CHECKED - THF
DATE - 3-22-22

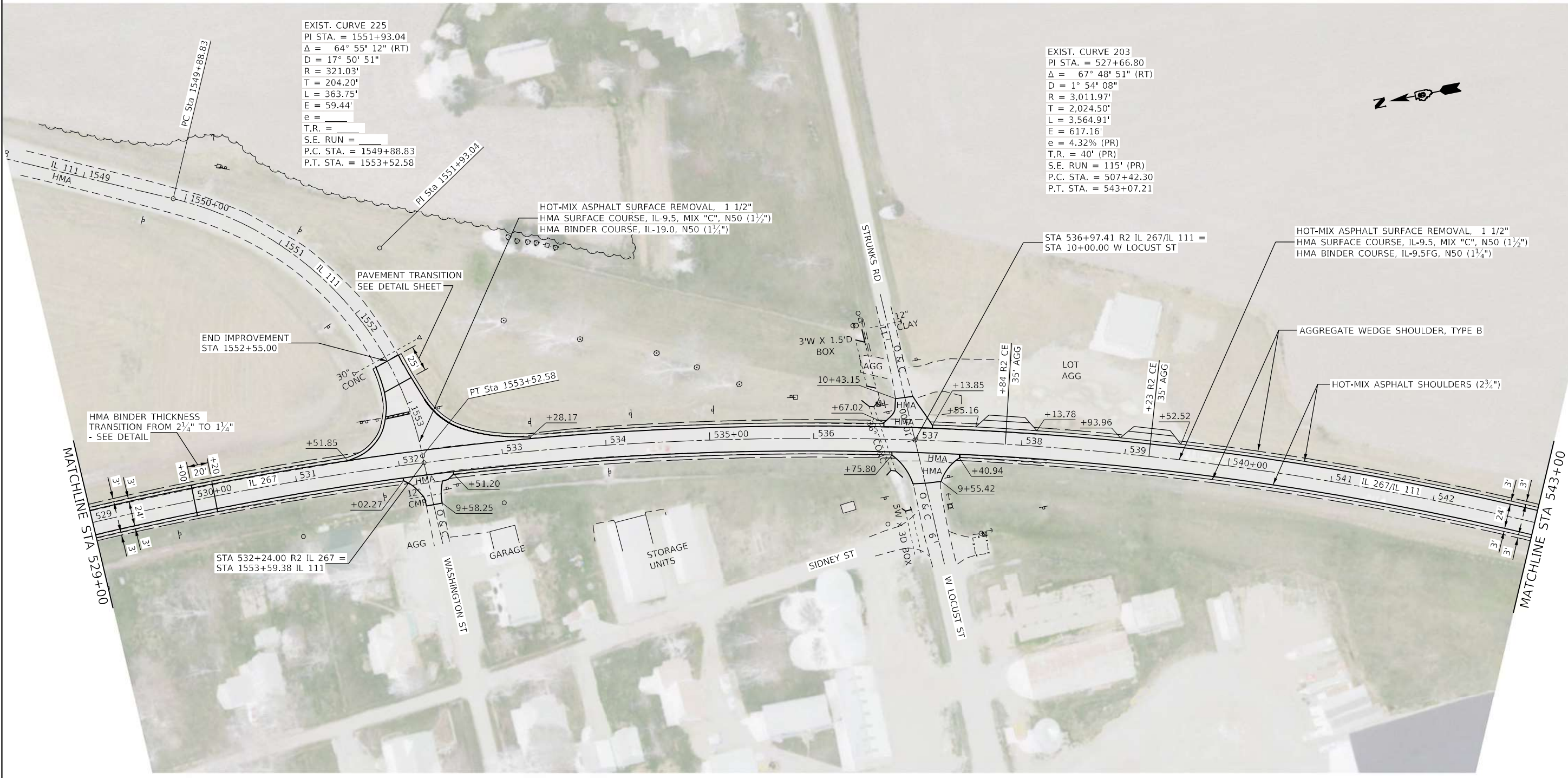
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REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP 10 (IL 267 / IL 111)
PLAN & PROFILE**

SCALE: 1"=50' SHEET 4 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	21
CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE 225
 PI STA. = 1551+93.04
 $\Delta = 64^\circ 55' 12''$ (RT)
 $D = 17^\circ 50' 51''$
 $R = 321.03'$
 $T = 204.20'$
 $L = 363.75'$
 $E = 59.44'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 1549+88.83$
 $P.T. STA. = 1553+52.58$

EXIST. CURVE 203
 PI STA. = 527+66.80
 $\Delta = 67^\circ 48' 51''$ (RT)
 $D = 1^\circ 54' 08''$
 $R = 3,011.97'$
 $T = 2,024.50'$
 $L = 3,564.91'$
 $E = 617.16'$
 $e = 4.32\%$ (PR)
 $T.R. = 40'$ (PR)
 $S.E. RUN = 115'$ (PR)
 $P.C. STA. = 507+42.30$
 $P.T. STA. = 543+07.21$



MODEL: D:\p1\07-0672D11-4\Bor_50.dgn
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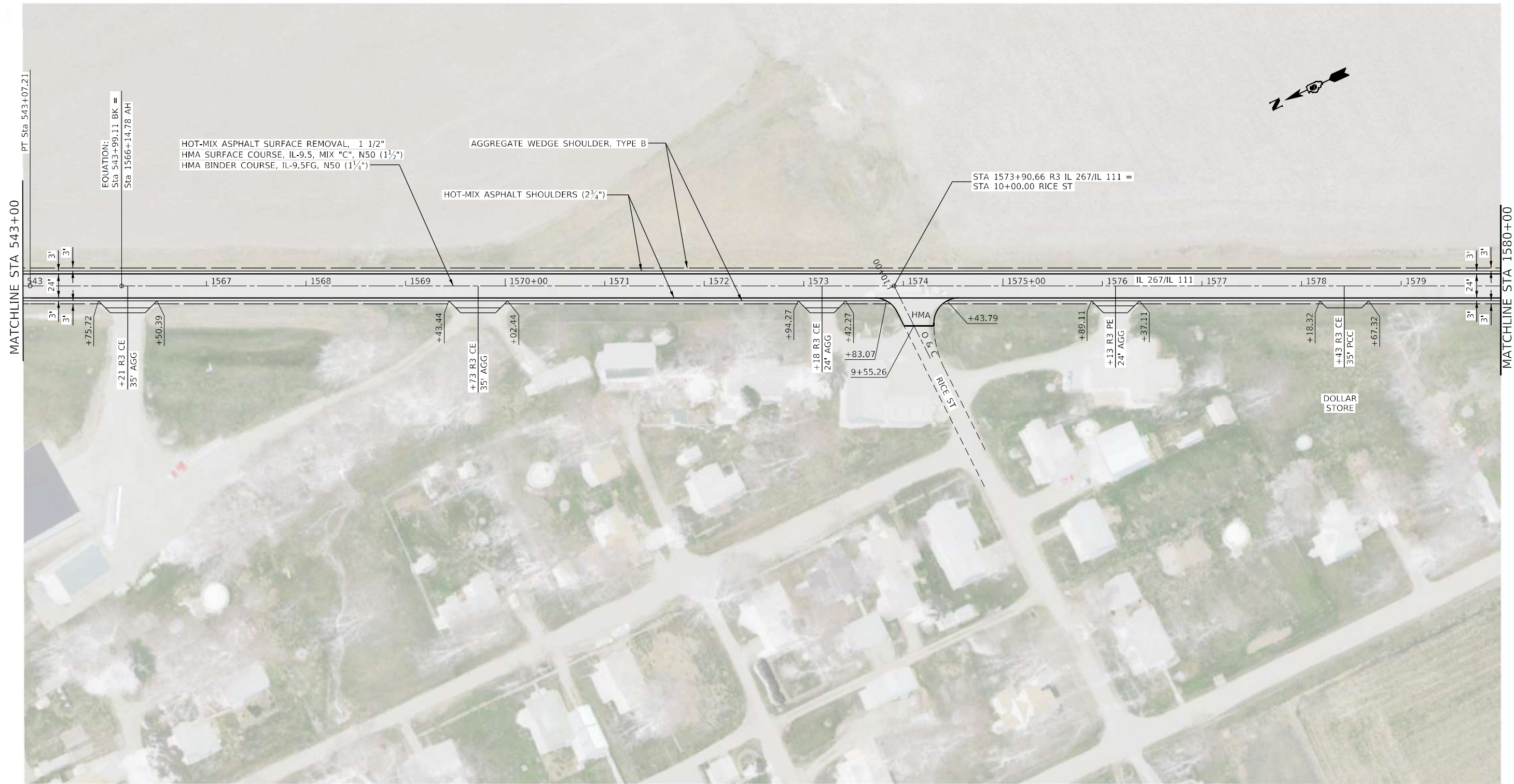
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DRAWN -	TEC	REVISED -	
CHECKED -	THF	REVISED -	
DATE -	3-22-22	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FAP 10 (IL 267 / IL 111)
 PLAN**

SCALE: 1"=50' SHEET 5 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	22
CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				



MODEL Path: \\...
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DESIGNED - TEC
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 CHECKED - THF
 DATE - 3-22-22

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FAP 10 (IL 267 / IL 111)
 PLAN**

SCALE: 1"=50' SHEET 6 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	23
CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				

EXIST. CURVE 55
 PI STA. = 1585+75.31
 $\Delta = 25^{\circ} 35' 11''$ (LT)
 $D = 2^{\circ} 31' 08''$
 $R = 2,274.63'$
 $T = 516.50'$
 $L = 1,015.78'$
 $E = 57.90'$
 $e = 5.07\%$ (PR)
 $T.R. = 40'$ (PR)
 $S.E. RUN = 135'$ (PR)
 $P.C. STA. = 1580+58.81$
 $P.T. STA. = 1590+74.58$

HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
 HMA SURFACE COURSE, IL-9.5, MIX "C", N50 (1 1/2")
 HMA BINDER COURSE, IL-9.5FG, N50 (1 1/4")

AGGREGATE WEDGE SHOULDER, TYPE B

HOT-MIX ASPHALT SHOULDERS (2 3/4")



+42.58
 HMA
 O & C
 12
 S. MAIN ST.
 STA 12+24.40

EXIST. CURVE 308
 PI STA. = 11+85.49
 $\Delta = 3^{\circ} 25' 17''$ (RT)
 $D = 4^{\circ} 16' 41''$
 $R = 1,339.32'$
 $T = 40.00'$
 $L = 79.98'$
 $E = 0.60'$
 $P.C. STA. = 11+45.49$
 $P.T. STA. = 12+25.47$

STA 1588+19.87 R3 IL 267/IL 111 =
 STA 10+00.00 S MAIN ST

EQUATION:
 Sta 1590+74.58 BK =
 Sta 1590+79.78 AH

MODEL Path:\n
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JOB = 2644.4
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DATE -	3-22-22	REVISED -	

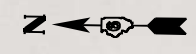
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

FAP 10 (IL 267 / IL 111)
 PLAN

SCALE: 1"=50' SHEET 7 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	24
CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				

EQUATION:
Sta 1594+73.90 BK =
Sta 43+67.02 AH



HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
HMA SURFACE COURSE, IL-9.5, MIX "C", N50 (1 1/2")
HMA BINDER COURSE, IL-9.5FG, N50 (1 1/4")

AGGREGATE WEDGE SHOULDER, TYPE B

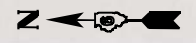
HOT-MIX ASPHALT SHOULDERS (2 3/4")

MATCHLINE STA 1594+50

MATCHLINE STA 58+00

44 | 45+00 | 46 | 47 | 48 | 49 | 50+00 | 51 IL 267/IL 111 | 52 | 53 | 54 | 55+00 | 56 | 57

3'
24'
3'
3'



DARRS TRUCK STOP

BUCKS CROSSING

PC Sta 58+80.63

PI Sta 63+80.63

PT Sta 68+80.62

MATCHLINE STA 58+00

MATCHLINE STA 72+00

58 | 59 | 60+00 | 61 | 62 | 63 | 64 | 65+00 | 66 IL 267/IL 111 | 67 | 68 | 69 | 70+00 | 71

3'
24'
3'
3'

EXIST. CURVE 210
PI STA. = 63+80.63
 $\Delta = 0^\circ 39' 47''$ (RT)
 $D = 0^\circ 03' 59''$
 $R = 86,411.95'$
 $T = 500.00'$
 $L = 999.99'$
 $E = 1.45'$
 $e = N.C.$
P.C. STA. = 58+80.63
P.T. STA. = 68+80.62

STA 63+90.56 R5 IL 267/IL 111 =
STA 10+00.00 FS RD

HOT-MIX ASPHALT SHOULDERS (2 3/4")

AGGREGATE WEDGE SHOULDER, TYPE B

HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
HMA SURFACE COURSE, IL-9.5, MIX "C", N50 (1 1/2")
HMA BINDER COURSE, IL-9.5FG, N50 (1 1/4")

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DRAWN -	TEC	REVISED -	
CHECKED -	THF	REVISED -	
DATE -	3-22-22	REVISED -	

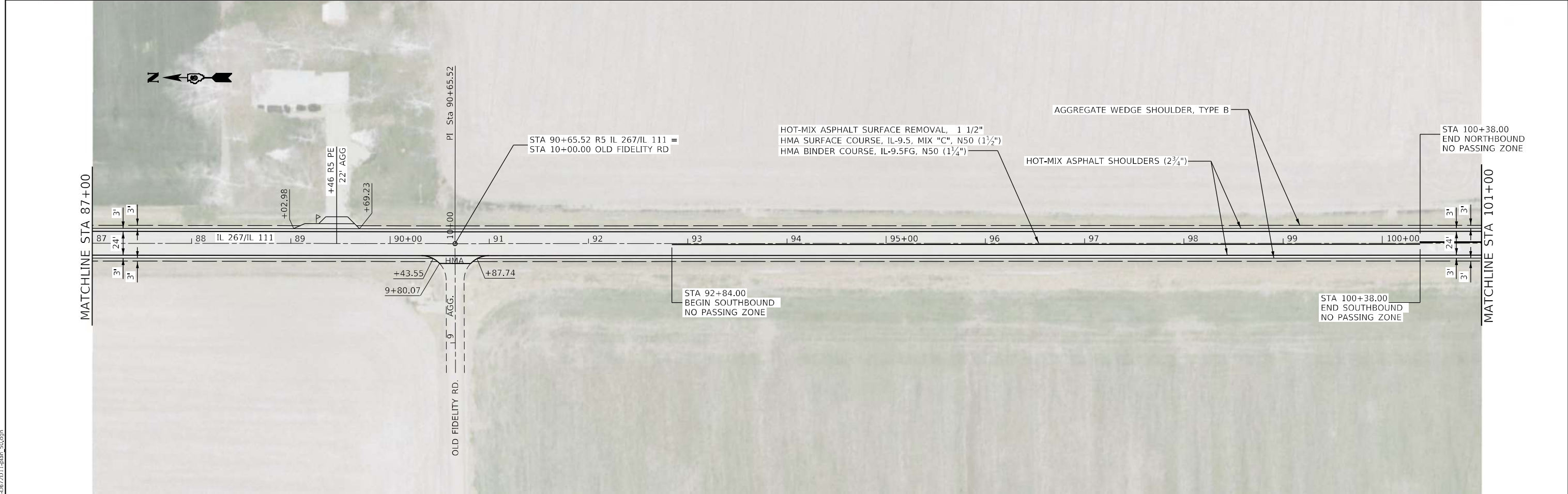
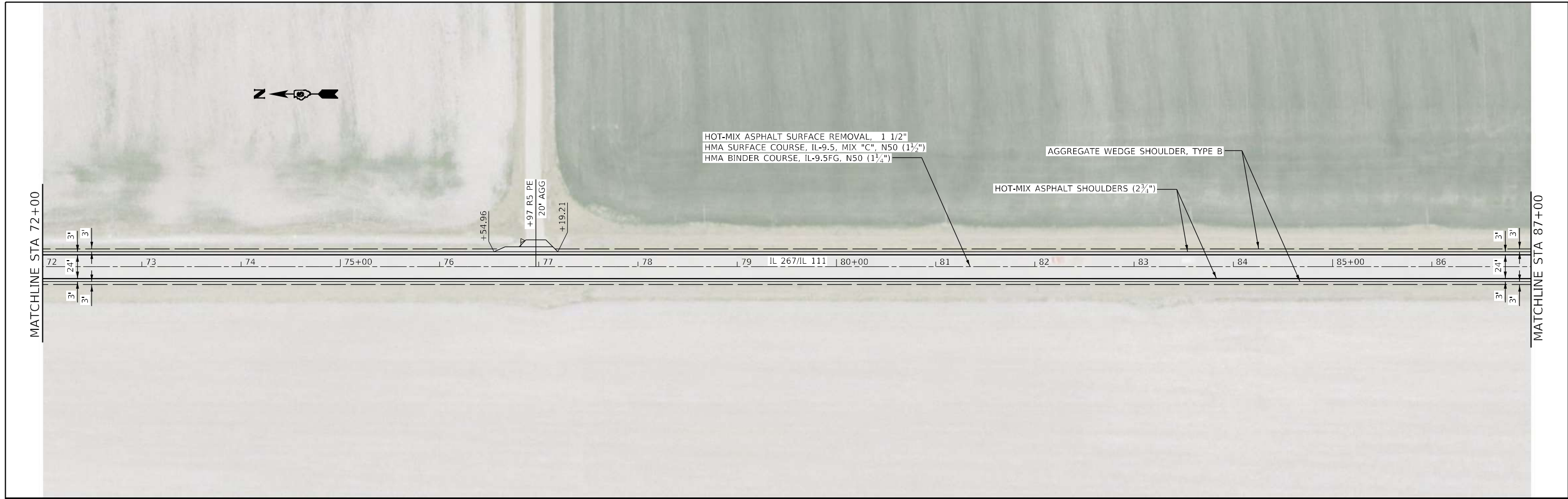
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 10 (IL 267 / IL 111)
PLAN

SCALE: 1"=50' SHEET 8 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	25
CONTRACT NO. 72D11				

ILLINOIS FED. AID PROJECT



MODEL: Default
 FILE NAME: 007-D672D11-Plan_50.dgn



JOB = 2644.4
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PLOT DATE = 3/24/2022

DESIGNED - TEC	REVISED -
DRAWN - TEC	REVISED -
CHECKED - THF	REVISED -
DATE - 3-22-22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

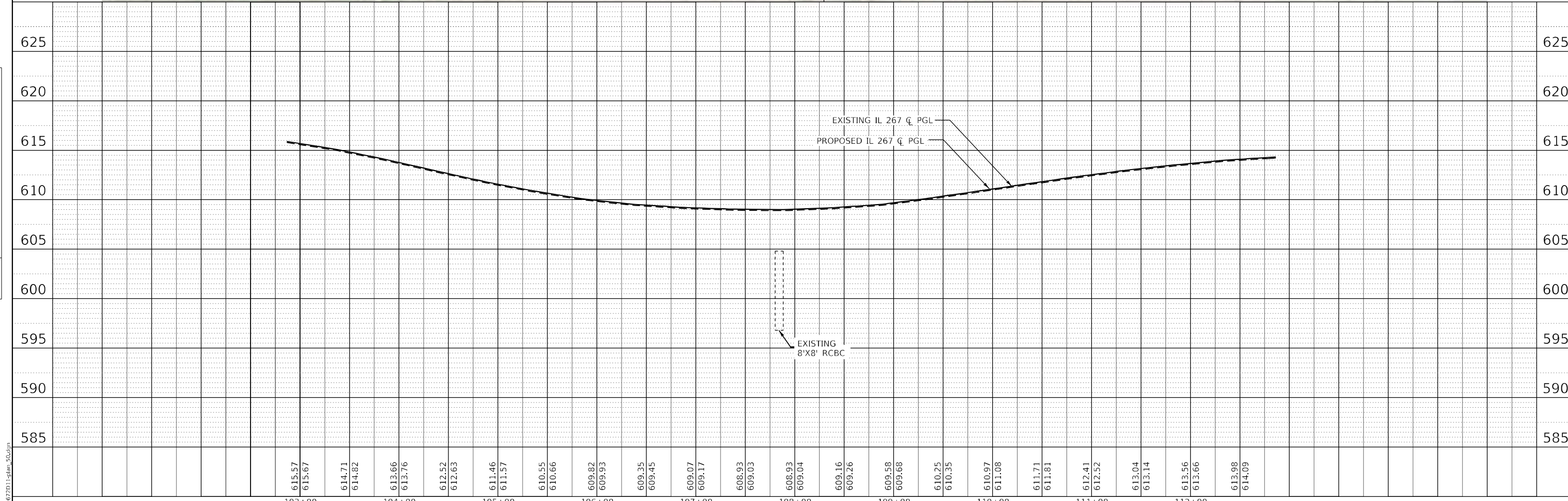
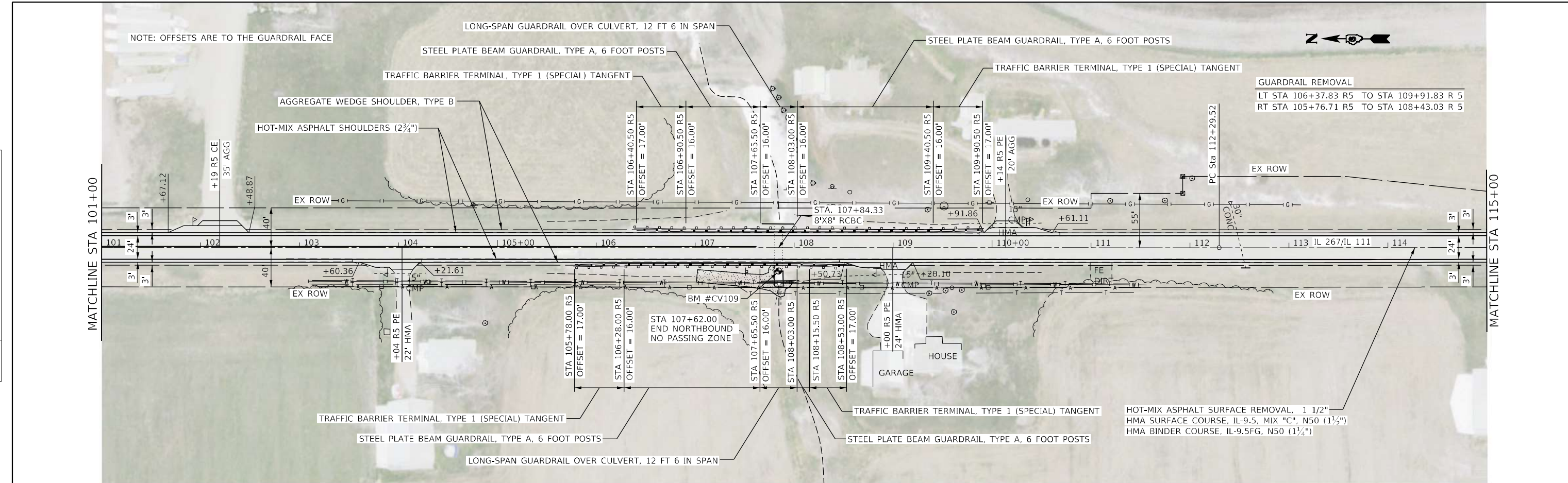
**FAP 10 (IL 267 / IL 111)
PLAN**

SCALE: 1"=50' SHEET 9 OF 15 SHEETS STA. TO STA.

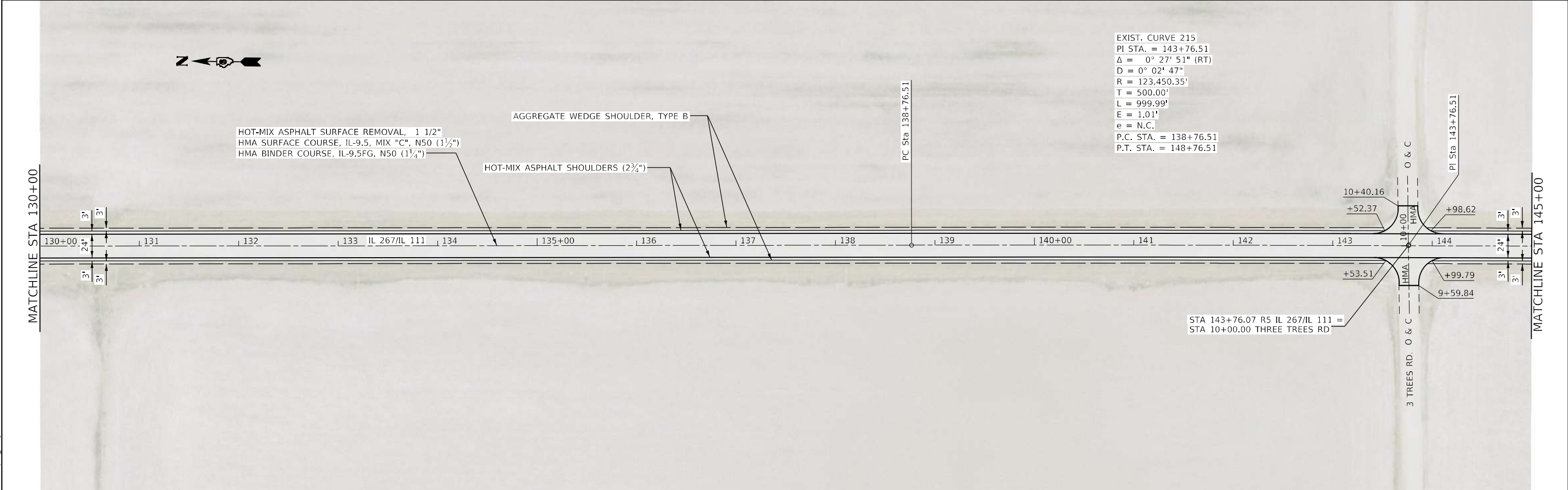
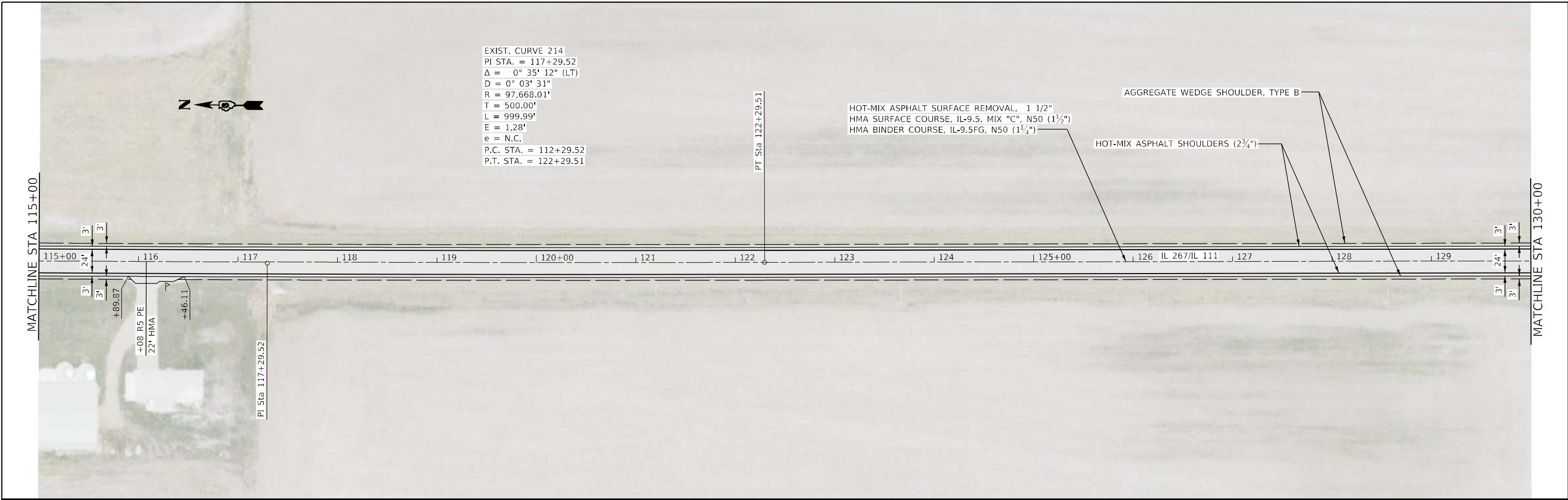
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	26
CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTARIUS	
	NO.	



CEC Cummins Engineering Corporation ENGINEERS & SURVEYORS	JOB = 2644.4 FILE NAME = 007-D672D11-plan_50.dgn PLOT SCALE = 100,0000' / in. PLOT DATE = 3/24/2022	DESIGNED - TEC DRAWN - TEC CHECKED - THF DATE - 3-22-22	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 10 (IL 267 / IL 111) PLAN & PROFILE	SCALE: 1"=50' SHEET 10 OF 15 SHEETS STA. TO STA.	F.A.P. RTE. 10 SECTION 128RS-5, 126RS-7, 411R COUNTY MACOUPIN TOTAL SHEETS 52 SHEET NO. 27 CONTRACT NO. 72D11	ILLINOIS FED. AID PROJECT
	MODEL: Default FILE NAME: 007-D672D11-plan_50.dgn							



MODEL: Default
FILE NAME: 007-D672D11-Plan_50.dgn



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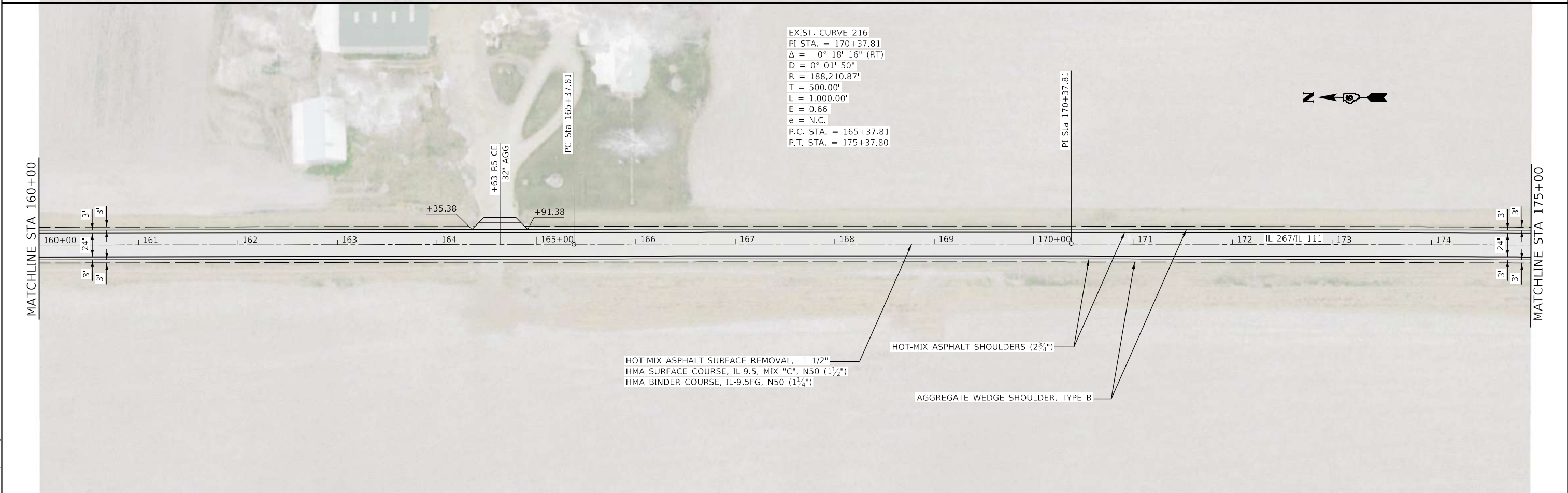
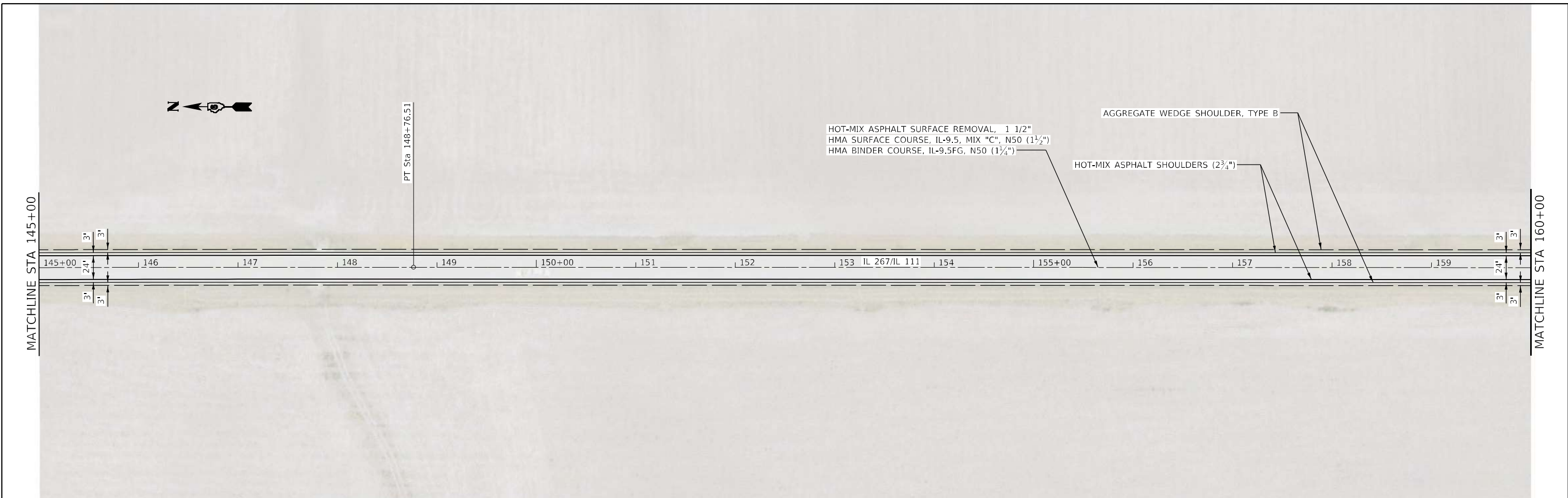
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CHECKED -	THF	REVISED -	
DATE -	3-22-22	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP 10 (IL 267 / IL 111)
PLAN**

SCALE: 1"=50' SHEET 11 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	28
CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				



MODEL Path: \\...
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 PLOT DATE = 3/24/2022

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DRAWN -	TEC	REVISED -	
CHECKED -	THF	REVISED -	
DATE -	3-22-22	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 10 (IL 267 / IL 111)
PLAN

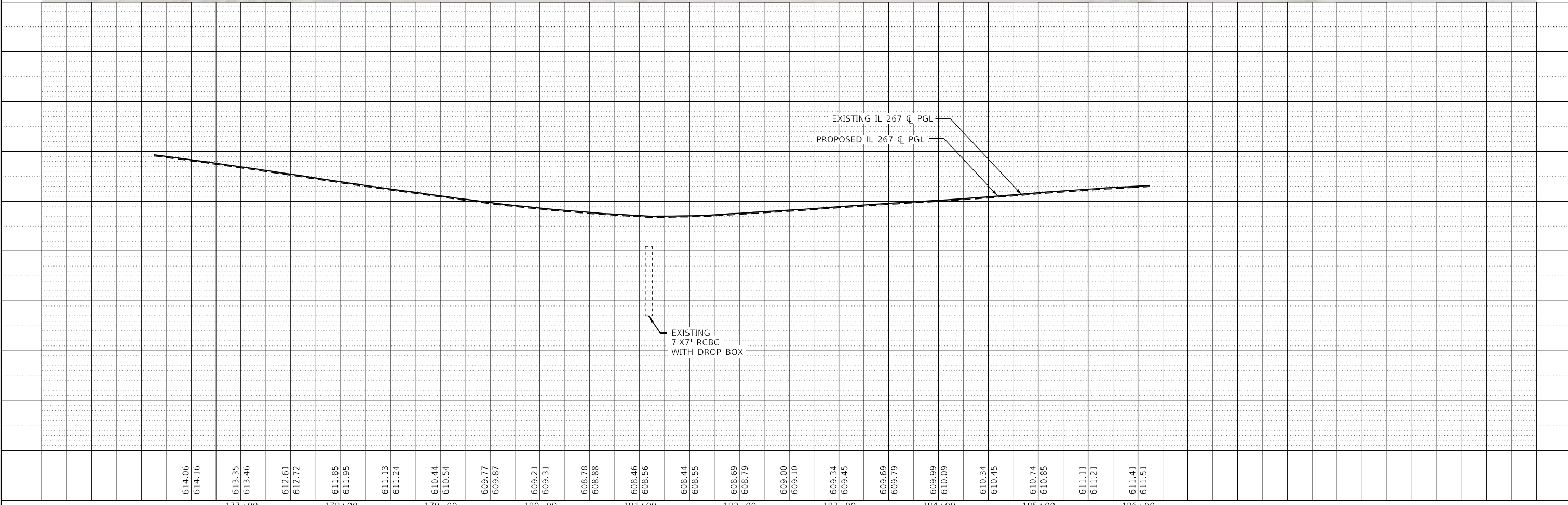
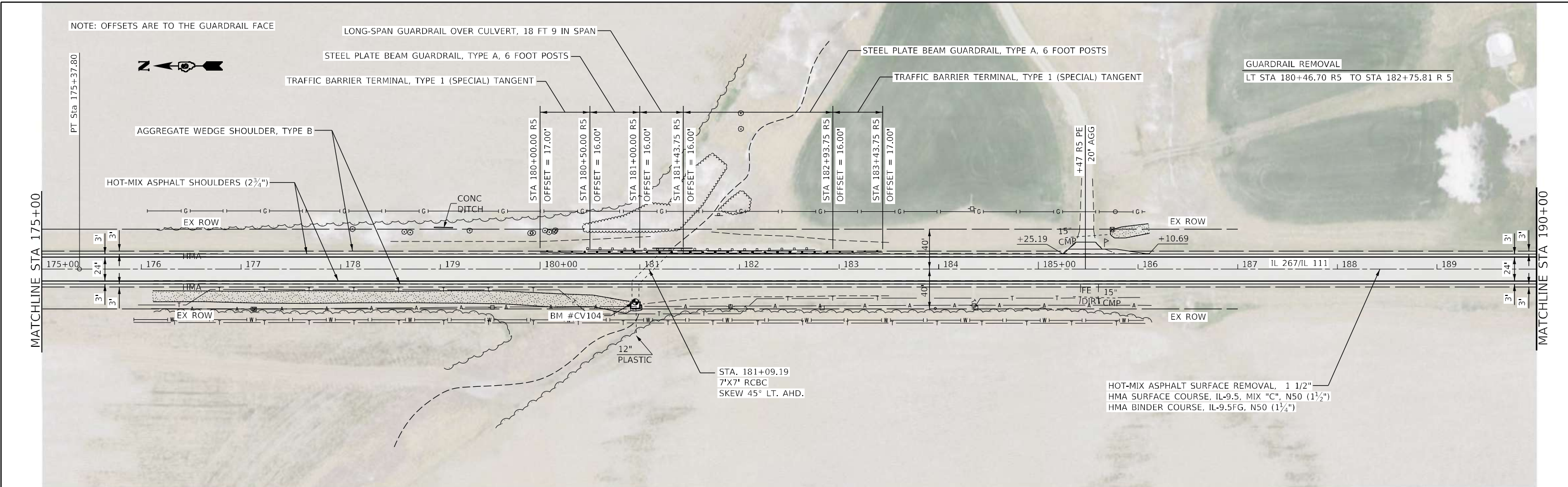
SCALE: 1"=50' SHEET 12 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	29
CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				

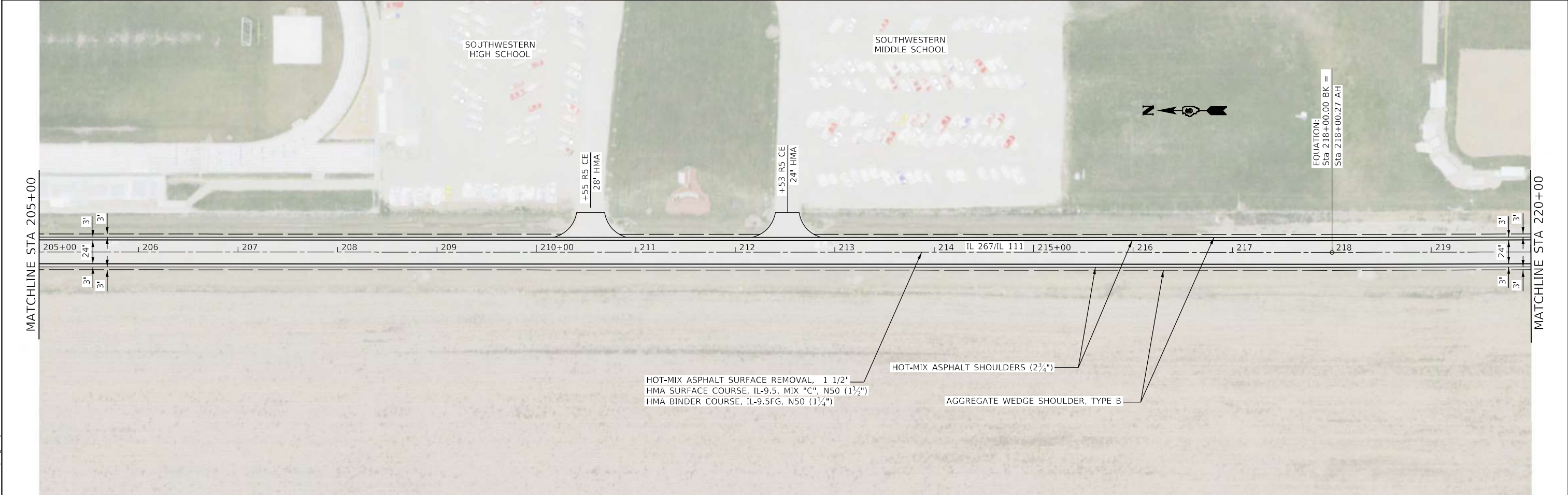
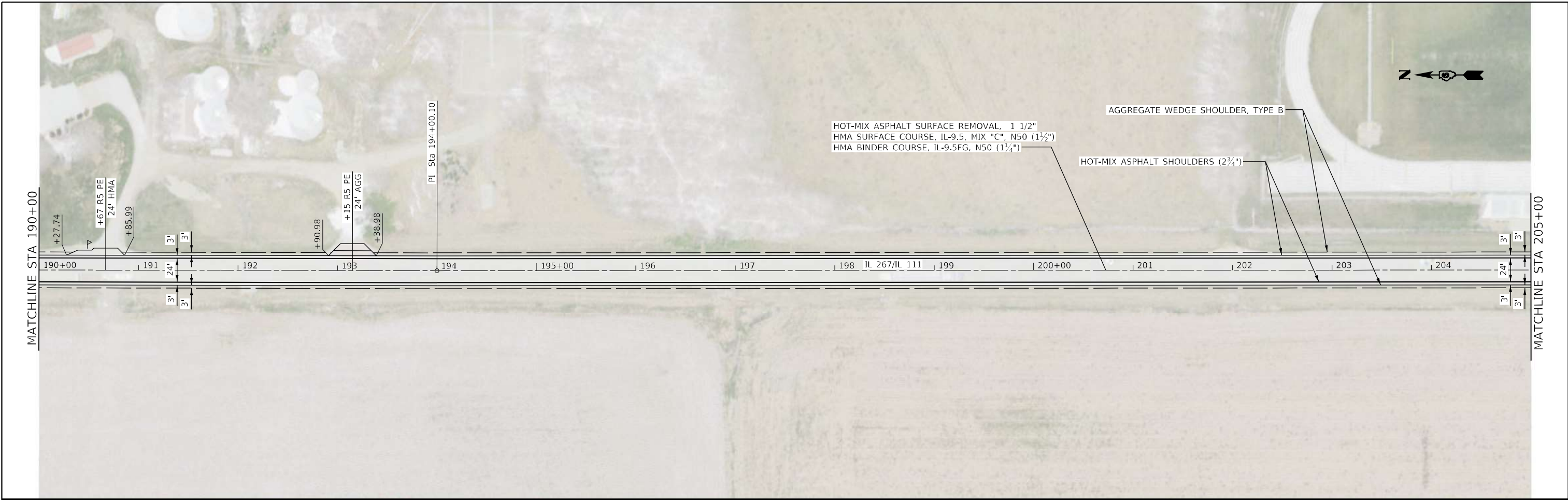
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PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTARIS	
	NO.	

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ENGINEERS & SURVEYORS	PLOT SCALE = 100,0000' / in.	CHECKED - THF	REVISED -							
	PLOT DATE = 3/24/2022	DATE - 3-22-22	REVISED -							



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CHECKED -	THF	REVISED -	
DATE -	3-22-22	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 10 (IL 267 / IL 111)
PLAN

SCALE: 1"=50' SHEET 14 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	31
CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				

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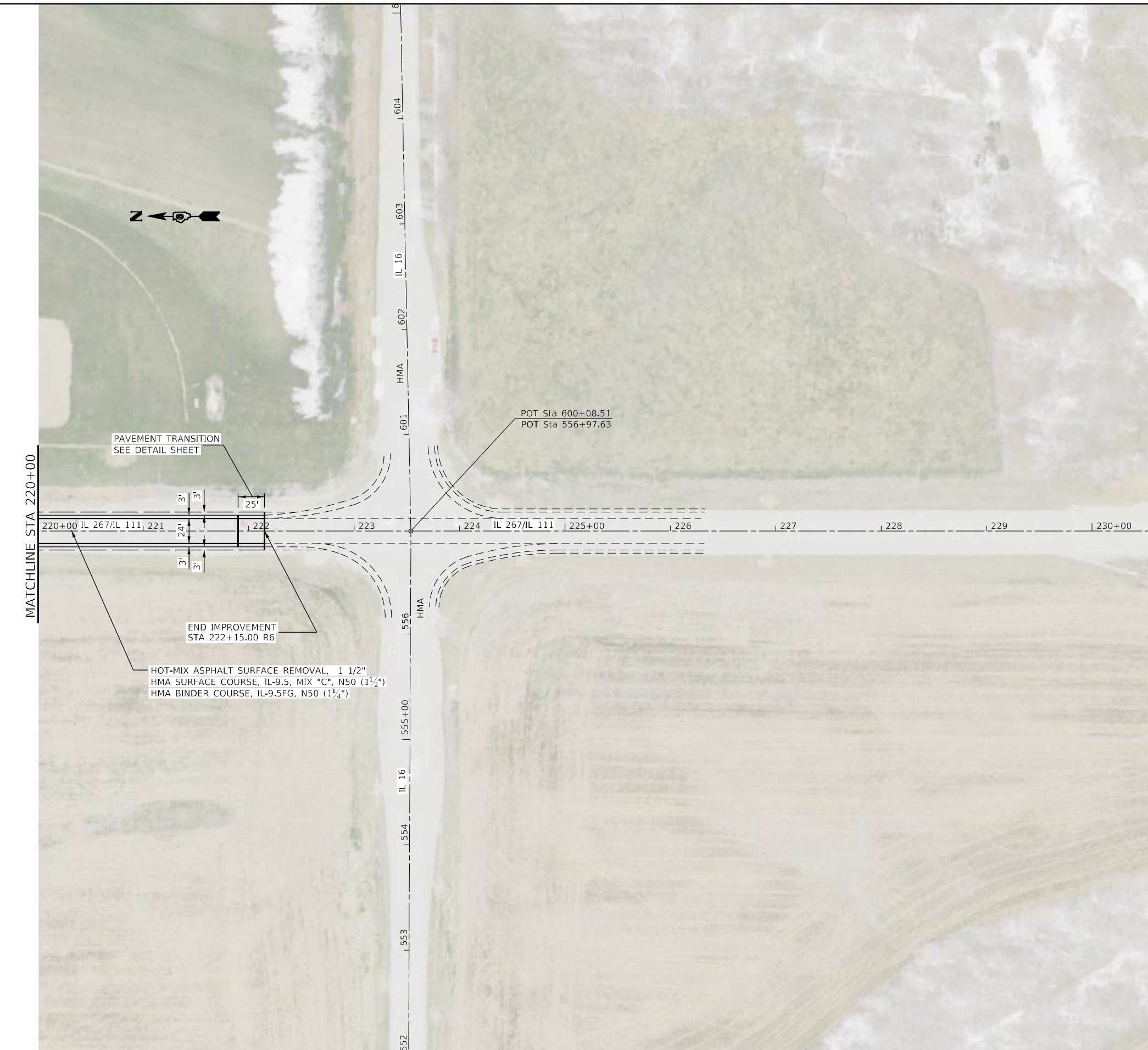
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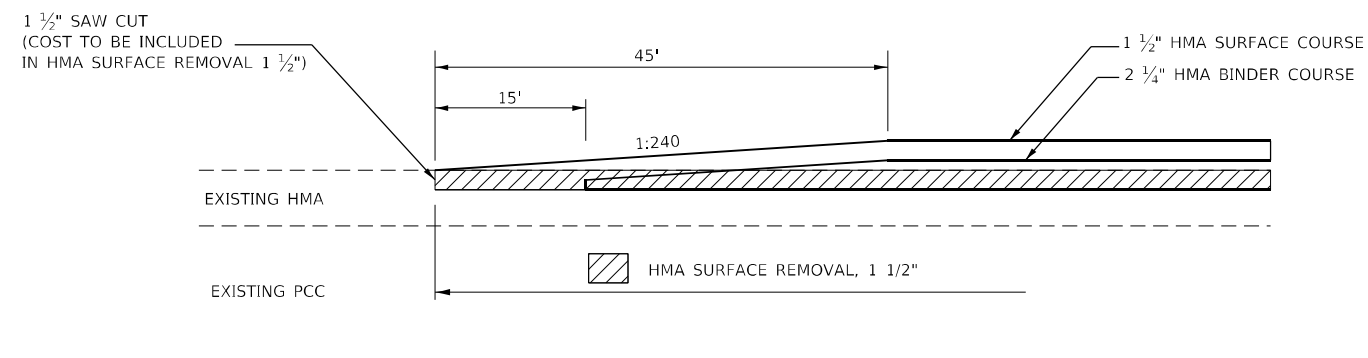
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FAP 10 (IL 267 / IL 111)
 PLAN**

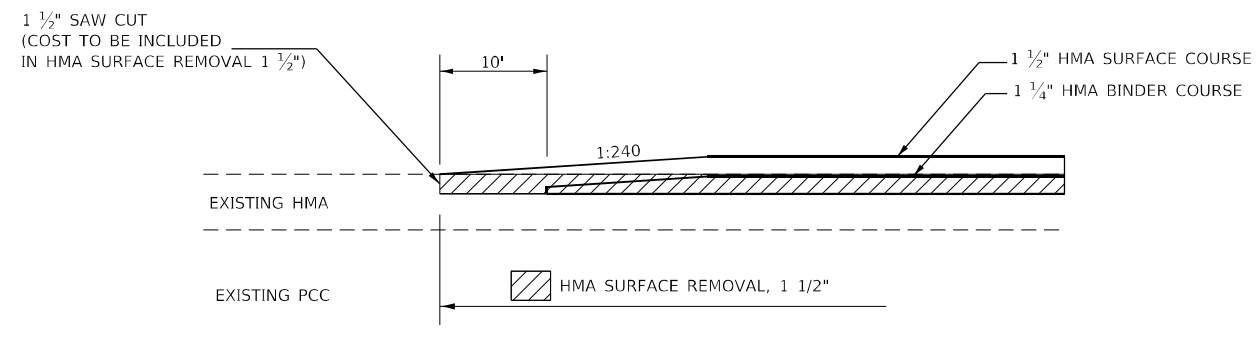
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				

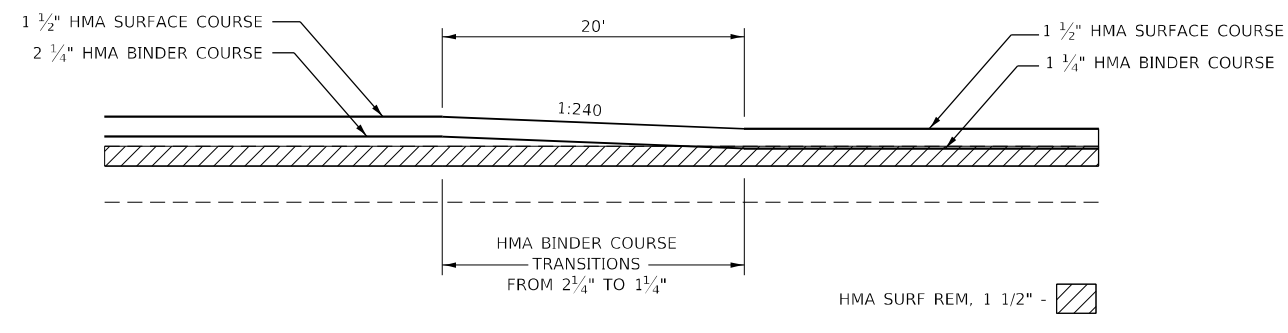




PAVEMENT TRANSITION
STA 478 + 66



PAVEMENT TRANSITION
IL 267 STA 222 + 15
IL 111 STA 1552 + 55



HMA TRANSITION DETAIL

MODEL Path: h
FILE NAME: 008-D672D11-sh-t-detail.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB = 2644.4
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DATE - 3-22-22

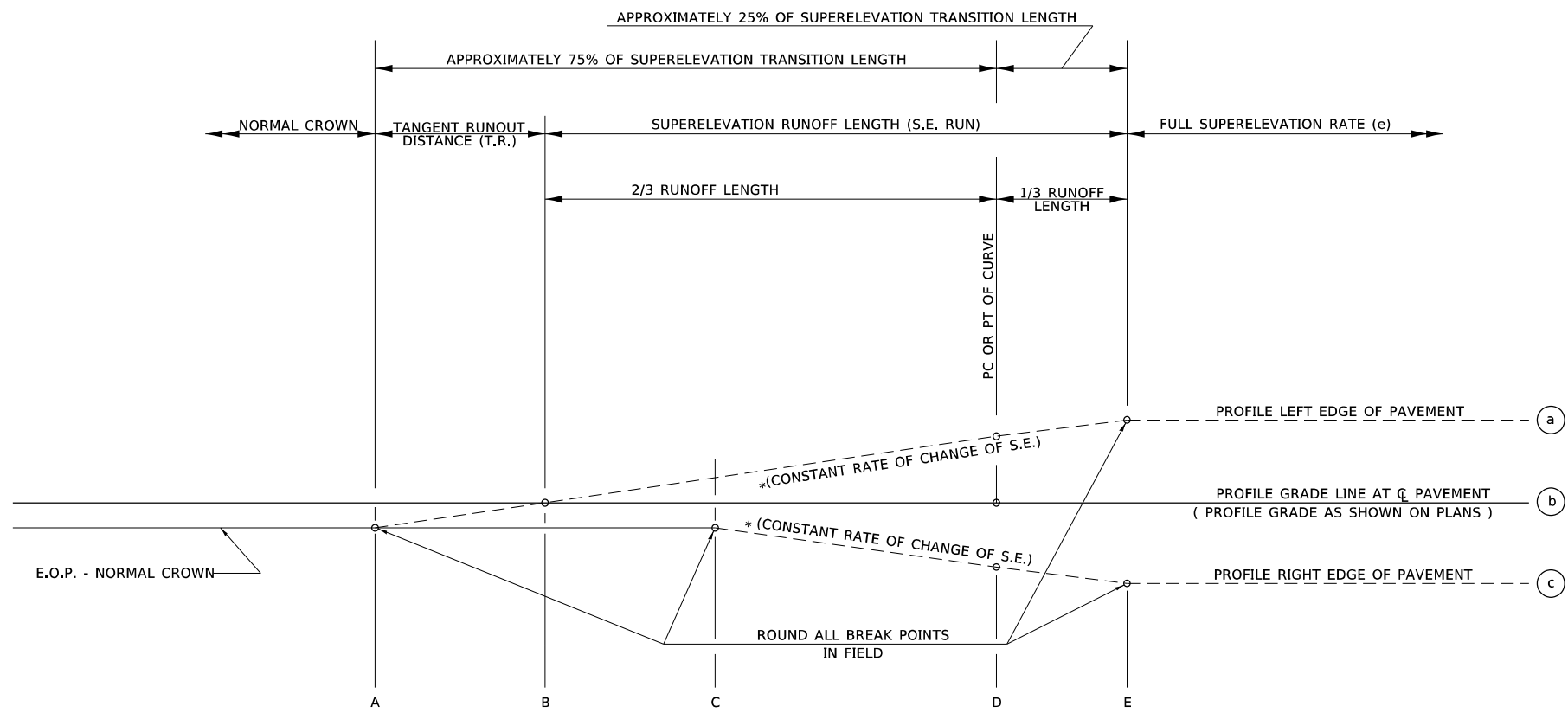
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REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 10 (IL 267 / IL 111)
BUTT JOINT / TRANSITION DETAIL

SCALE: NTS SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	33
CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				



SEE PLANS FOR CURVE DATA INFORMATION

CURVE DATA

P.I. STA=

Δ =

R=

T=

L=

E=

e= SUPERELEVATION RATE IN PERCENT

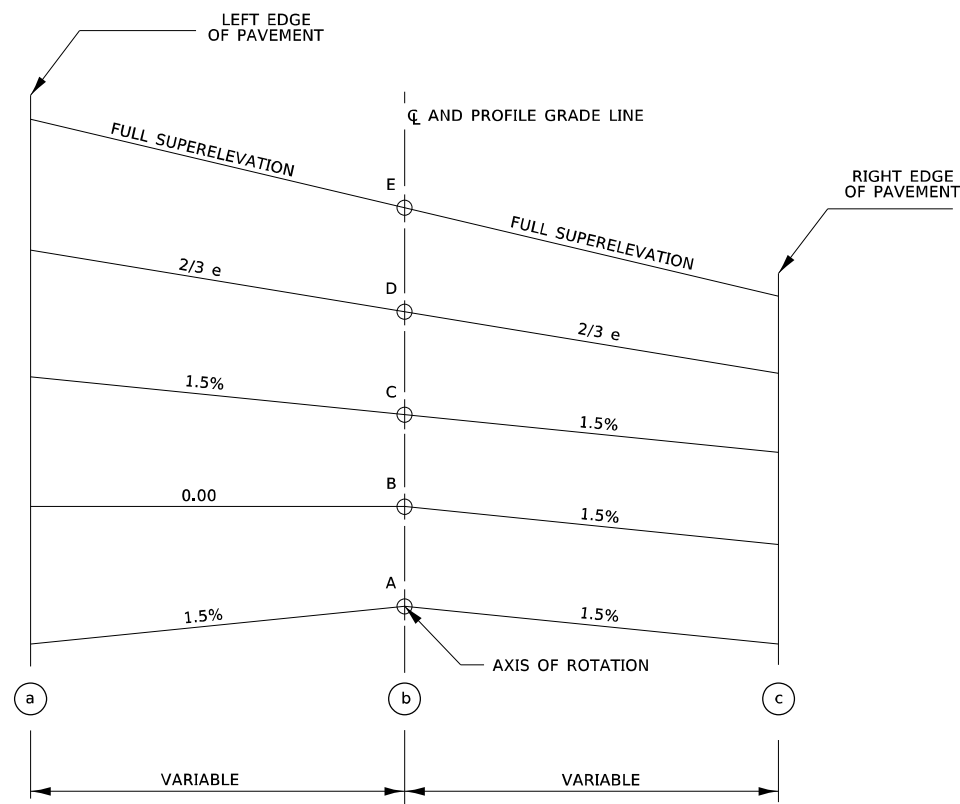
T.R.= TANGENT RUNOUT DISTANCE

S.E. RUN= SUPERELEVATION RUNOFF LENGTH

P.C. STA=

P.T. STA=

TYPICAL PROFILE - S.E. TRANSITION



TYPICAL CROSS SECTION - S.E. TRANSITION

TABLE OF SUPERELEVATION BREAK POINT LOCATIONS							
CURVE NO.	e	A	B	C	D	E	TRANSITION
9	3.69%	STA 486+37	STA 486+77	STA 487+17	STA 487+43	STA 487+75	TRANS. IN
	3.69%	STA 500+20	STA 499+80	STA 499+40	STA 499+15	STA 498+82	TRANS. OUT
55	5.07%	STA 1579+29	STA 1579+69	STA 1580+09	STA 1580+59	STA 1581+04	TRANS. IN
	5.07%	STA 1592+05	STA 1591+65	STA 1591+25	STA 1590+75	STA 1590+30	TRANS. OUT
203	4.32%	STA 506+26	STA 506+66	STA 507+06	STA 507+43	STA 507+81	TRANS. IN
	4.32%	STA 544+24	STA 543+84	STA 543+44	STA 543+07	STA 542+69	TRANS. OUT

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100-SUPER.DGN

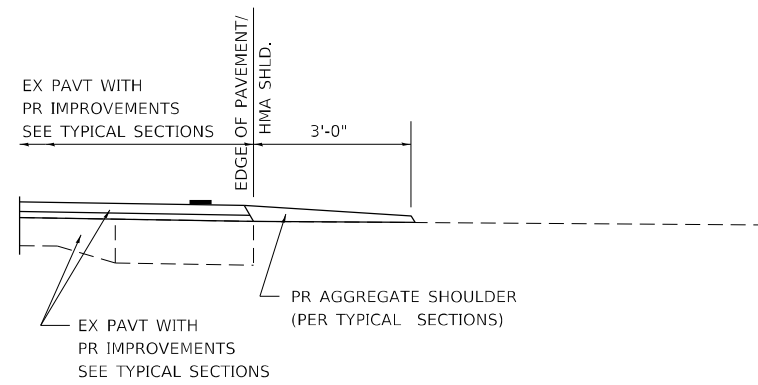
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

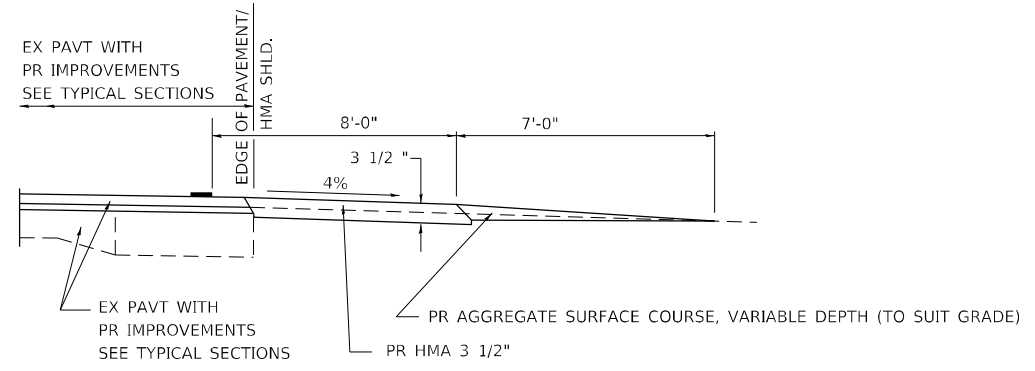
SUPERELEVATION TRANSITION
DETAIL FOR TWO LANE HIGHWAY

SCALE: NONE SHEET OF SHEETS STA. TO STA.

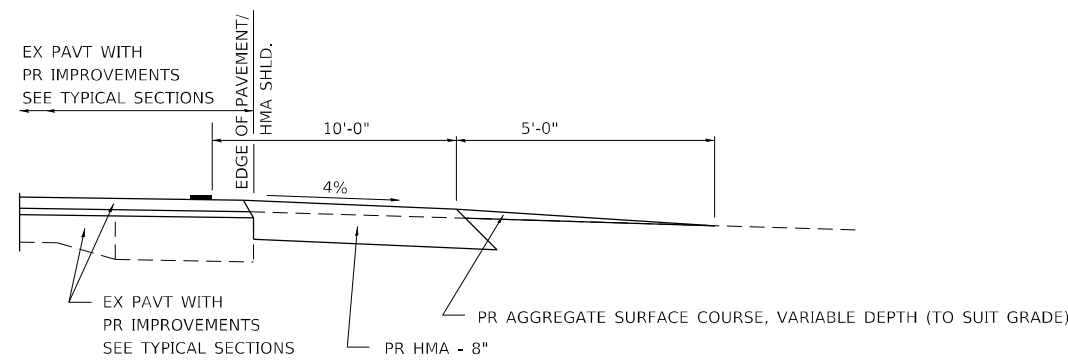
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411RS-2	MACOUPIN	52	34
CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				



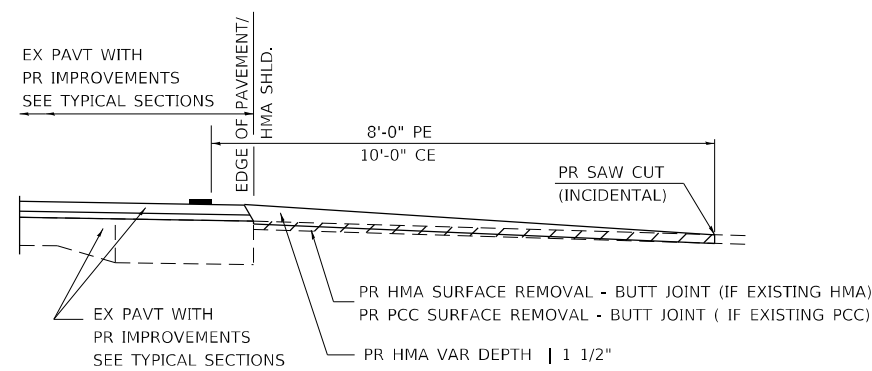
SECTION A-A FOR EX EARTH/ AGGREGATE FE



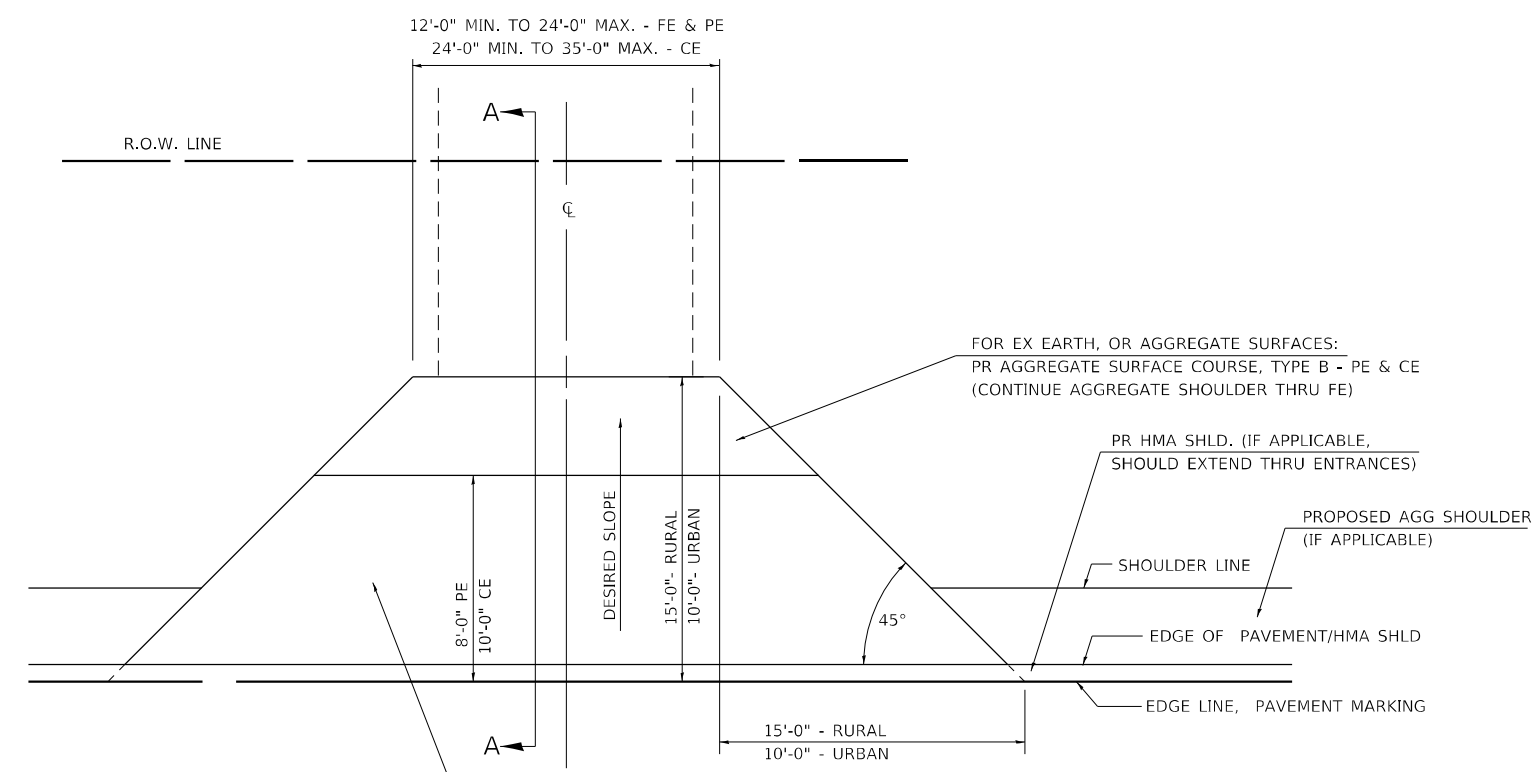
SECTION A-A FOR EX EARTH/AGGREGATE PE



SECTION A-A FOR EX EARTH/AGGREGATE CE & SIDE ROAD



SECTION A-A FOR EX HMA/ PC CONCRETE PE, CE & SIDE ROAD



FOR EX EARTH OR AGGREGATE SURFACES:
 PR HMA SURFACE REMOVAL (IF APPLICABLE)
 PR AGGREGATE SHOULDER THRU - FE
 PR HMA CONCRETE 3 1/2" - PE
 PR HMA CONCRETE 8" - CE

FOR EX HMA CONCRETE SURFACES:
 PR HMA SURFACE REMOVAL-BUTT JOINT

FOR EX PCC SURFACES:
 PR PCC SURFACE REMOVAL-BUTT JOINT

GENERAL NOTES:

THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES, SIDEROADS AND MAILBOX TURNOUTS ON THIS PROJECT.

THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

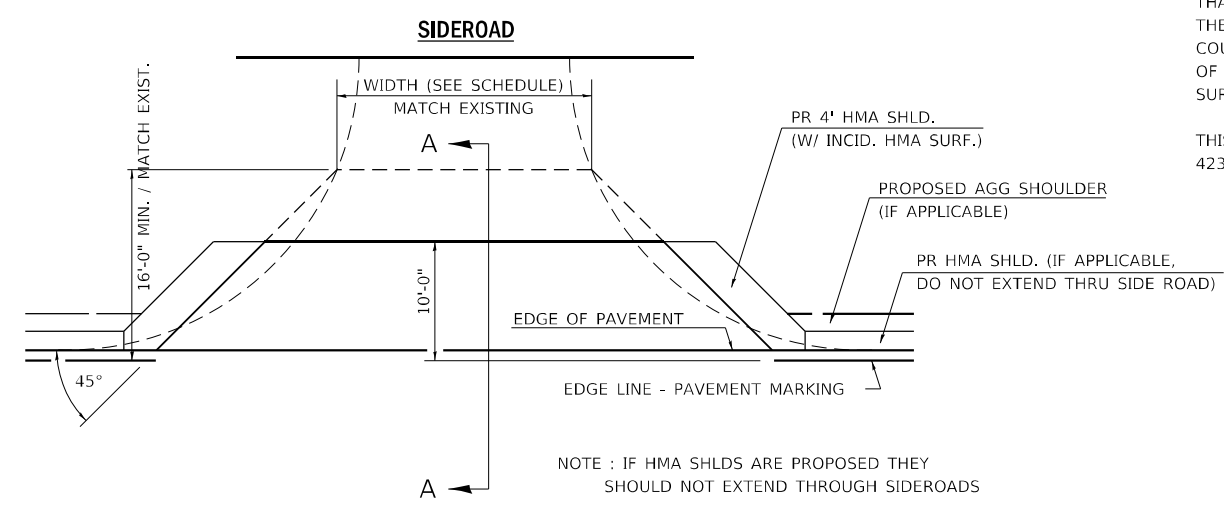
ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

HMA CONCRETE REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

WHEN THE HMA CONCRETE PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 3 INCHES AND REQUIRE PLACEMENT IN MORE THAN ONE LIFT. THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF HMA BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 2 INCHES SHALL MEET THE REQUIREMENTS OF HMA CONCRETE SURFACE COURSE, SUPERPAVE.

THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH SECTIONS 351, 358, 408, 423 AND 440 OF THE STANDARD SPECIFICATIONS.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.



NOTE : IF HMA SHLDS ARE PROPOSED THEY SHOULD NOT EXTEND THROUGH SIDEROADS

MODEL: Default
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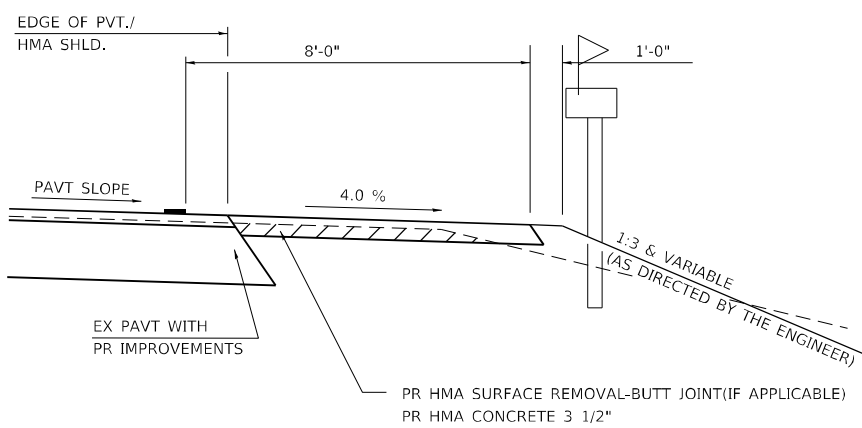
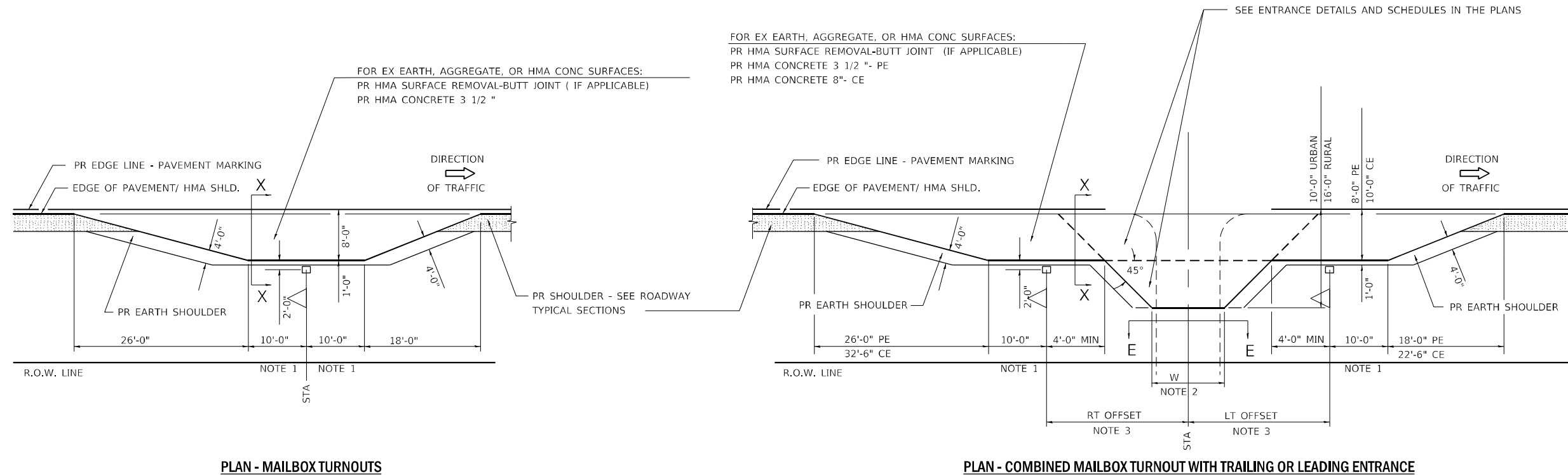
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DIST.6 DETAILS FOR RURAL/URBAN ENT., MAILBOX
TURNOUT & SIDEROADS W/O CONC. GUTTER (3P-PROJ.)**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

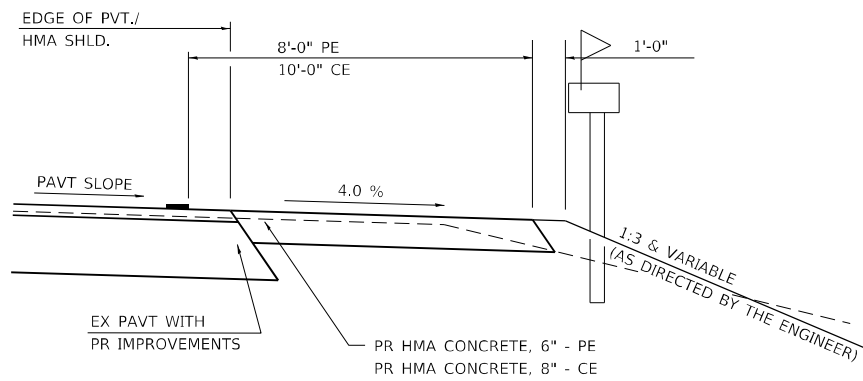
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411RS-2	MACOUPIN	52	35
CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				

DETAILS OF MAILBOX TURNOUTS



SECTION X-X THRU MAILBOX TURNOUT
ALSO APPLIES TO MAILBOX TURNOUTS COMBINED WITH
EX EARTH, AGGREGATE, OR HMA PE & FE

(DETAIL APPLIES WHEN M.B. TURNOUT DOES NOT EXIST.
IF EXISTING, TREAT SAME AS ENTRANCE.)



SECTION X-X THRU MAILBOX TURNOUT
COMBINED WITH EX HMA CONC & PC CONC PE & CE

(DETAIL APPLIES WHEN M.B. TURNOUT DOES NOT EXIST.
IF EXISTING, TREAT SAME AS ENTRANCE.)

- NOTE 1 IF MORE THAN ONE MAILBOX IS PRESENT, DIMENSION FROM CENTER OF END MAILBOX.
- NOTE 2 FOR ENTRANCE LAYOUT DIMENSIONS AND SECTIONS A-A & E-E REFER TO THE SCHEDULES IN THE PLANS.
- NOTE 3 BOTH LT OR RT OFFSETS FOR MAILBOX SHOWN USE OFFSET DIMENSION PER SCHEDULE AND REFER TO LAYOUT SHOWN ON THE PLAN.

ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE SHOWN.

MODEL Default
FILE NAME: 008_0672D11.dwg-draw.dgn

400-ENT PPP.DGN

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PLOT DATE = 3/24/2022	DATE - FEBRUARY 23, 1999	REVISED -	

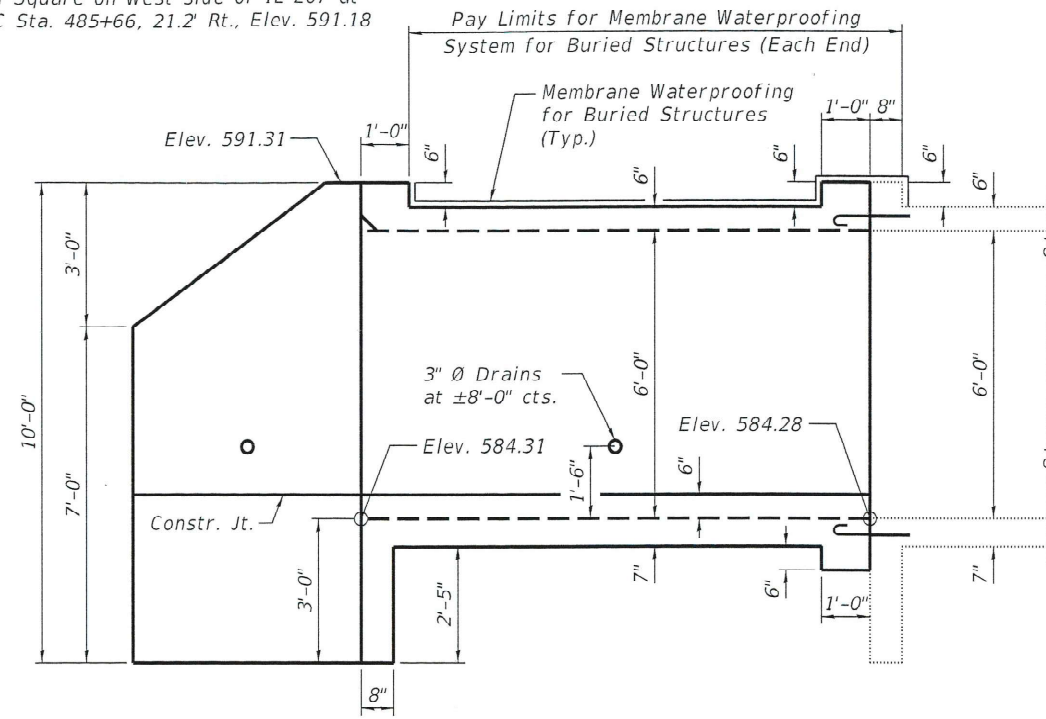
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIST. 6 DETAILS FOR RURAL/URBAN ENT., MAILBOX
TURNOUT & SIDEROADS W/O CONC. GUTTER (3P-PROJ.)

SCALE: NONE SHEET OF SHEETS STA. TO STA.

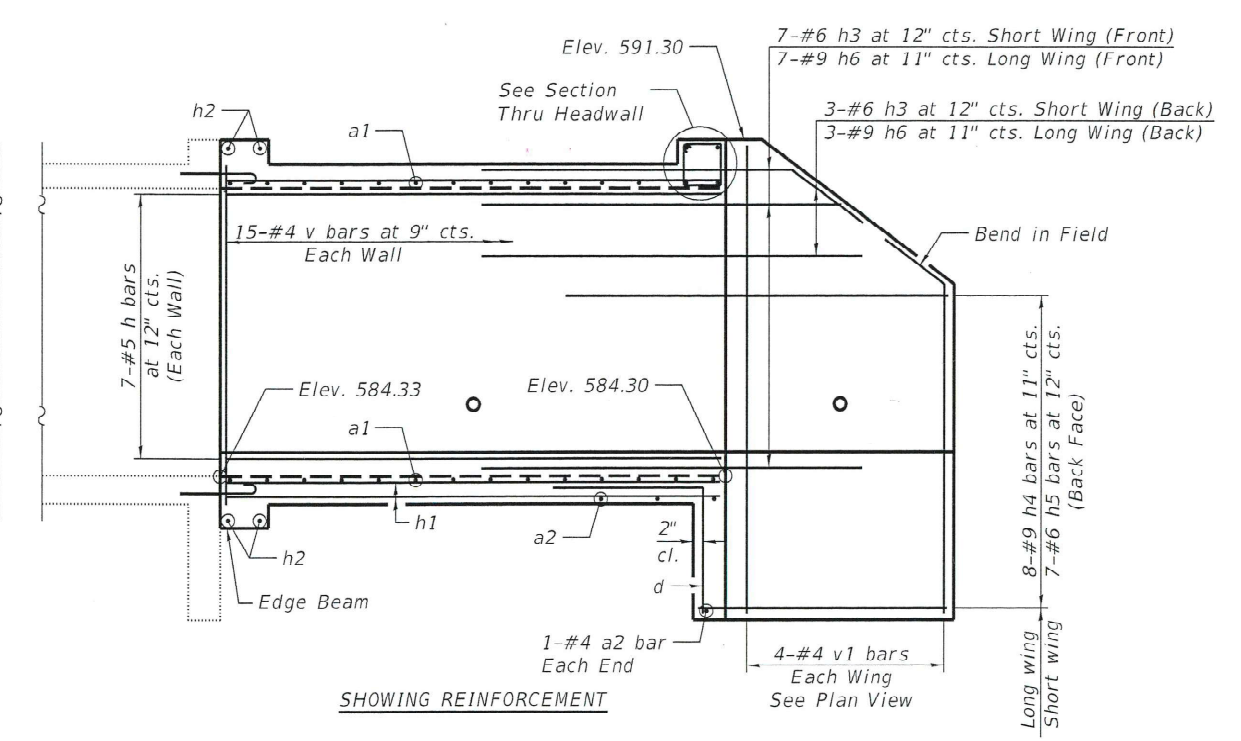
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411RS-2	MACOUPIN	52	36
CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				

Benchmark: Chiseled Square on West side of IL 267 at center of 4'x6' RCBC Sta. 485+66, 21.2' Rt., Elev. 591.18

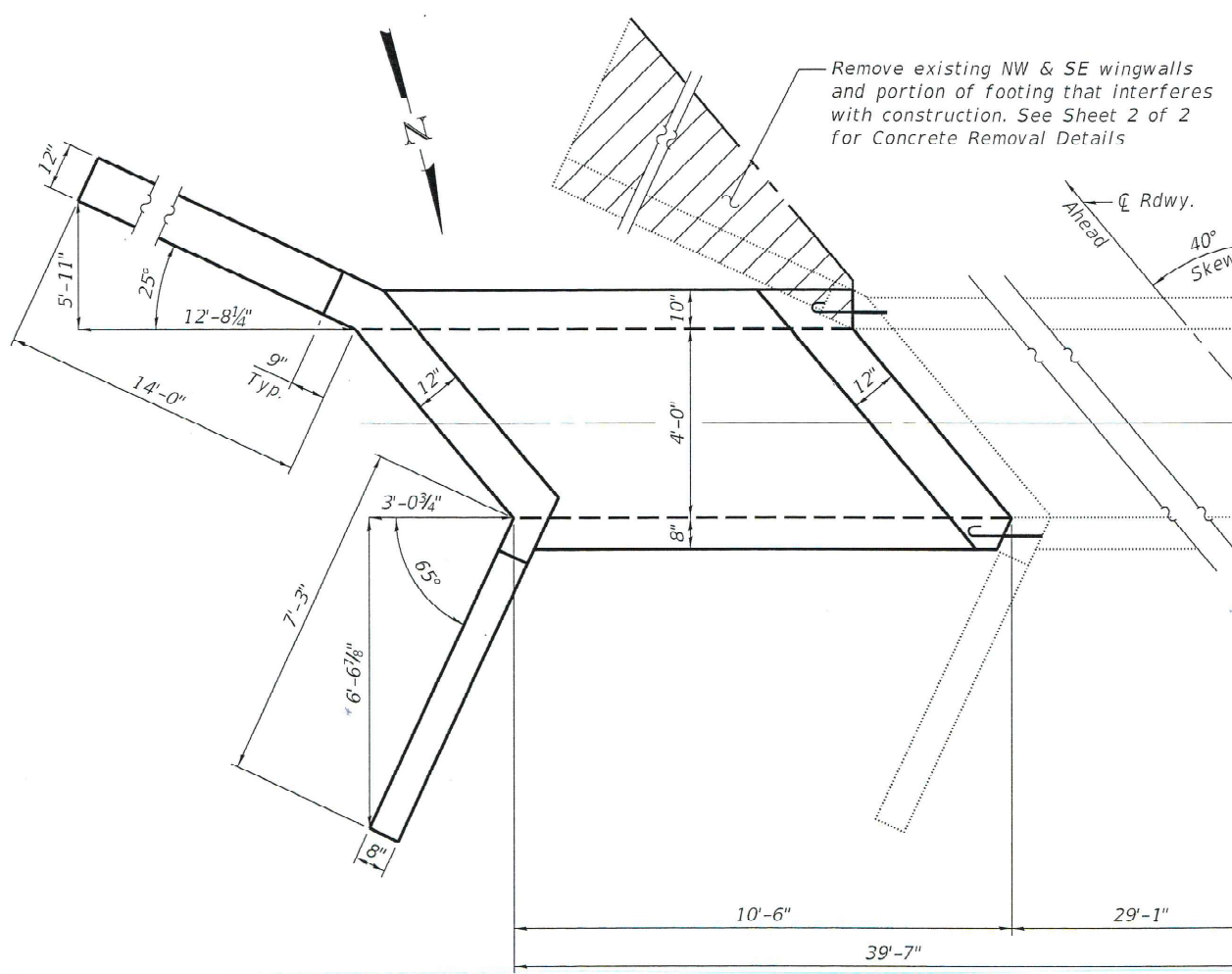


SHOWING DIMENSION
(Dimensions at Rt. L's)

ELEVATION

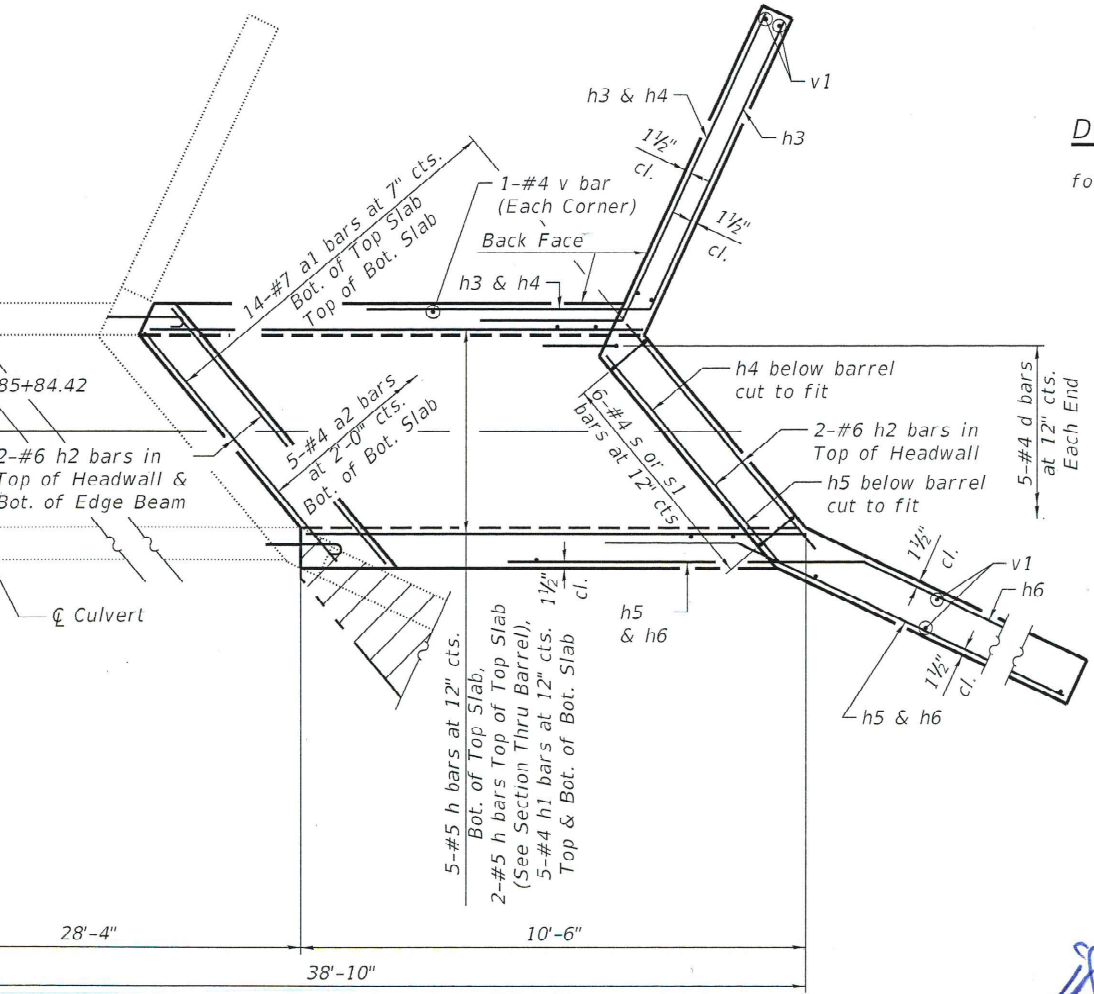


SHOWING REINFORCEMENT



SHOWING DIMENSION

PLAN

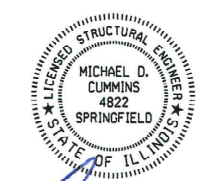


SHOWING REINFORCEMENT

LOADING HS20-44
Design Fill Height = 2'

DESIGN SPECIFICATIONS
2002 Standard Specifications
for Highway Bridges, 17th Edition

DESIGN STRESSES
f'c = 3,500 psi
fy = 60,000 psi



[Signature] 5-10-22
(Expires 11/30/22)



JOB	= 2644.4
FILE	= 72011-00-Culvert.Sta485.dgn
DATE	= 5/10/2022

DESIGNED	- AAN
CHECKED	- MDC
DRAWN	- SJS
CHECKED	- MDC

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

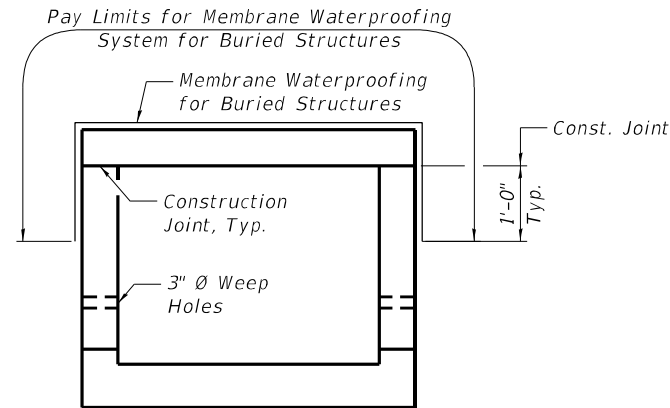
4'x6' RC BOX CULVERT DETAILS
STA 485 + 84.42 (IL 267)

SHEET NO. 1 OF 2 SHEETS

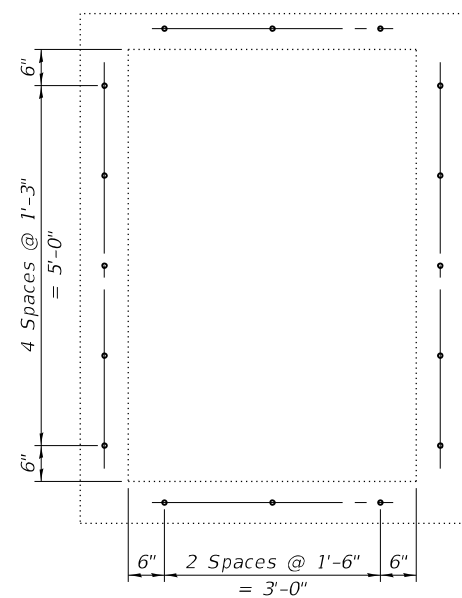
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	12BR5-5, 12GR5-7, 41IR5-2	MACOUPIN	52	37
				CONTRACT NO. 72D11
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

The barrel extension shall be poured monolithically with the wingwall.
 All construction joints shall be bonded.
 Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
 Precast option is not allowed.
 Hatched area indicates limits of Concrete Removal.



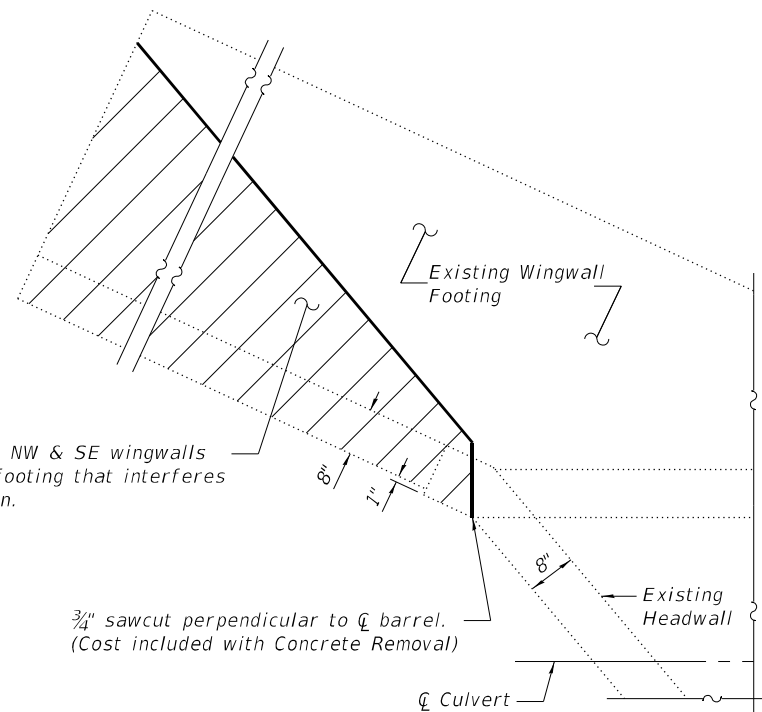
CAST-IN-PLACE CONCRETE BOX CULVERT



SECTION THRU BARREL

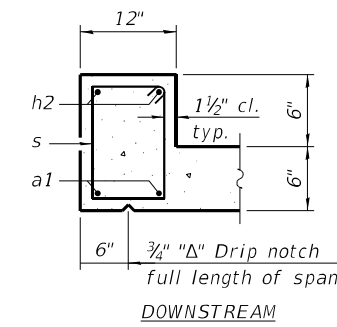
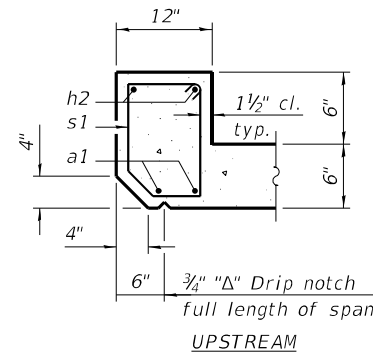
(Location of Expansion Bolts)
 (Dimensions @ Rt. L's)

Note:
 Expansion Bolts shall be 3/4" Ø hooked bolts.
 Hooked bolts shall extend a minimum of 9" into new concrete.

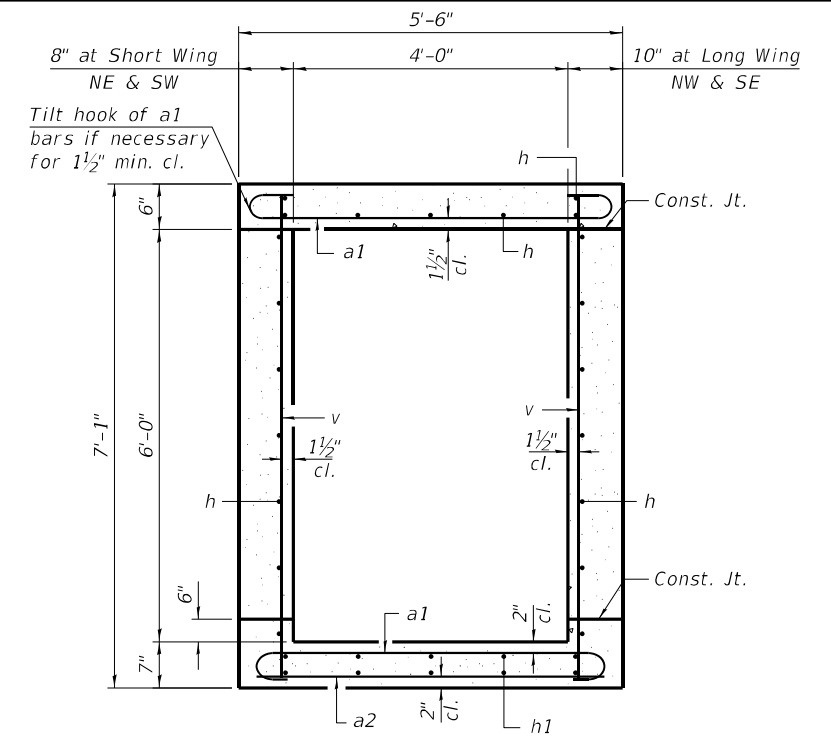


PLAN AT EXISTING LONG WINGWALLS (NW & SE)

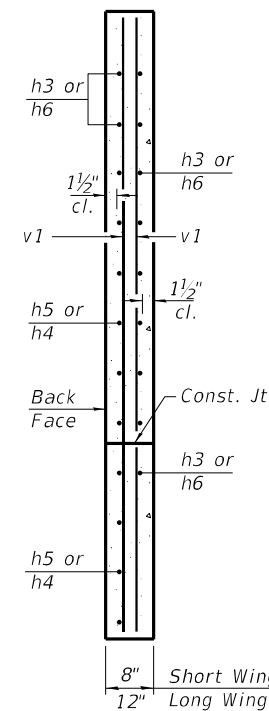
(Showing Concrete Removal)



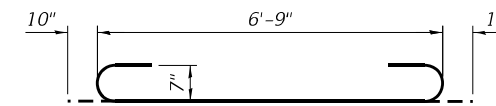
SECTION THRU HEADWALL



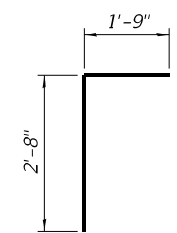
SECTION THRU BARREL



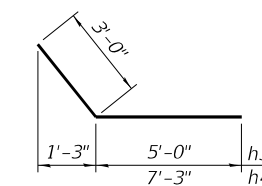
SECTION A-A



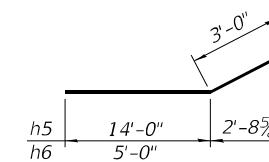
BAR a1



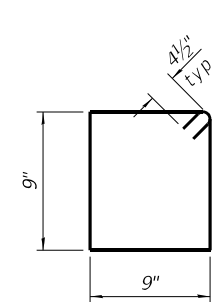
BAR d



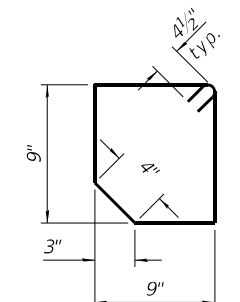
BARS h3 & h4



BARS h5 & h6



BAR s



BAR s1

BILL OF MATERIAL

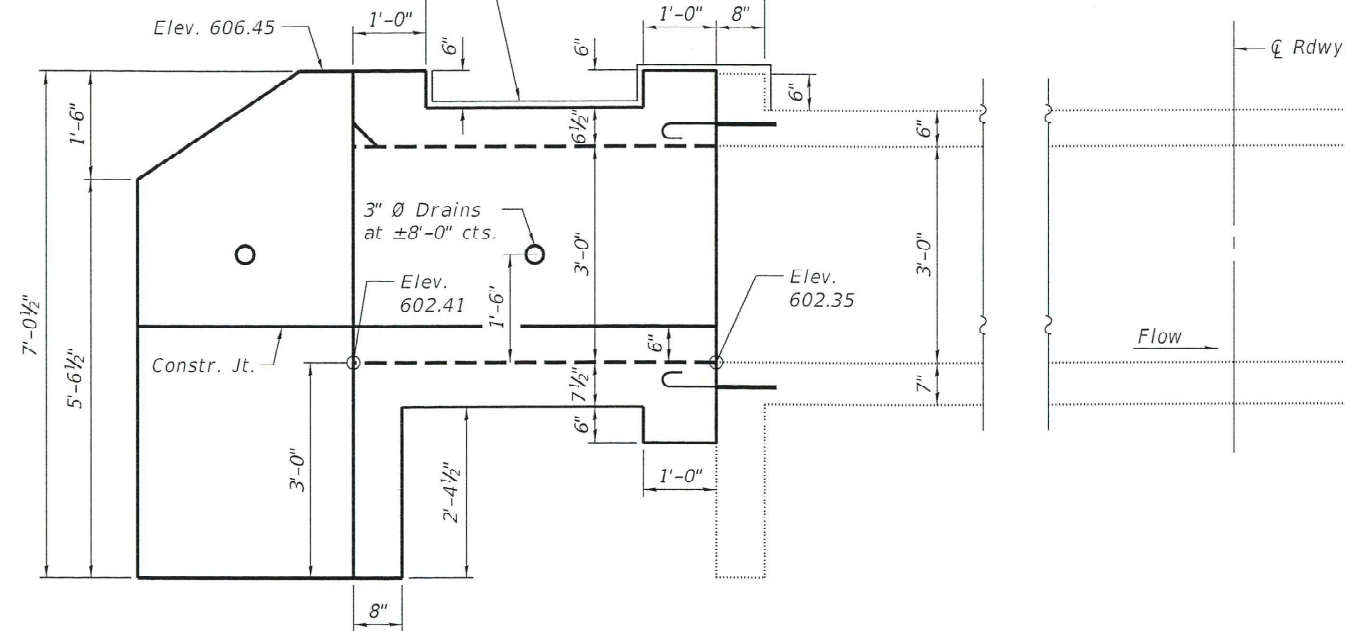
Bar	No.	Size	Length	Shape
a1	56	#7	8'-5"	
a2	12	#4	6'-1"	
d	10	#4	4'-5"	
h	42	#5	10'-2"	
h1	20	#4	10'-2"	
h2	12	#6	6'-9"	
h3	20	#6	8'-0"	
h4	16	#9	17'-0"	
h5	14	#6	10'-3"	
h6	20	#9	8'-0"	
s	6	#4	3'-9"	
s1	6	#4	3'-7"	
v	64	#4	6'-9"	
v1	16	#4	9'-8"	

Concrete Box Culverts	Cu. Yd.	24.8
Reinforcement Bars	Pound	4100
Expansion Bolts 3/4 Inch	Each	16
Concrete Removal	Cu. Yd.	8.4
Membrane Waterproofing System for Buried Structures	Sq. Yd.	23

Benchmark: Chiseled Square on East side of IL 267 at center of 5'x3' RCBC Sta. 517+99, 24' Lt., Elev. 606.36

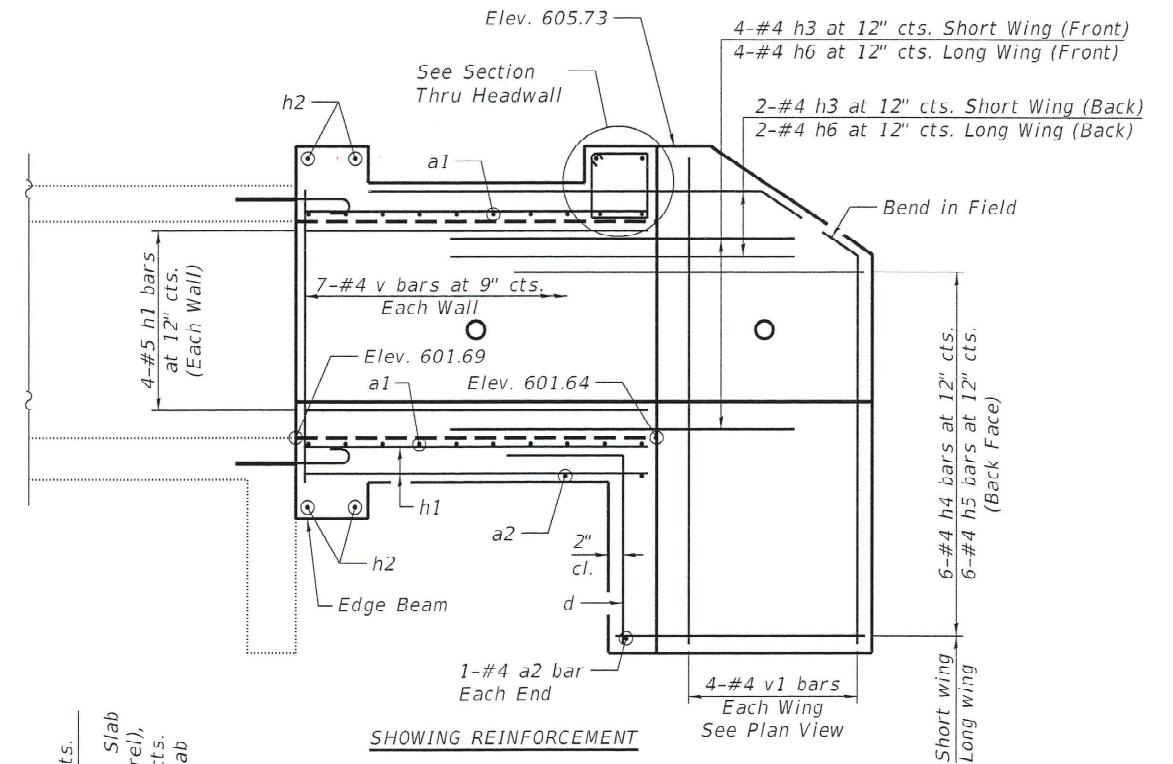
Membrane Waterproofing for Buried Structures (Typ.)

Pay Limits for Membrane Waterproofing System for Buried Structures (Each End)

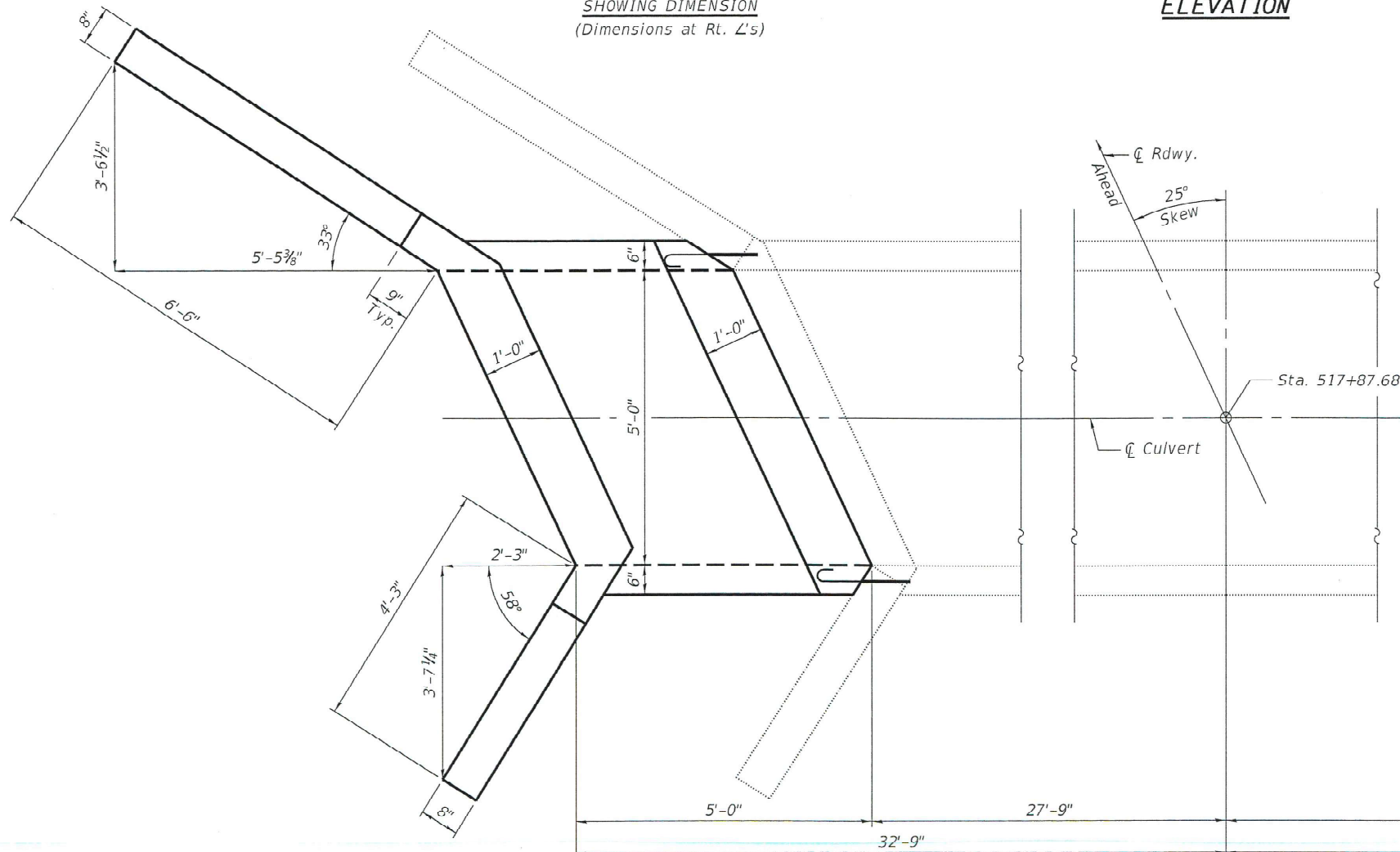


SHOWING DIMENSION
(Dimensions at Rt. L's)

ELEVATION

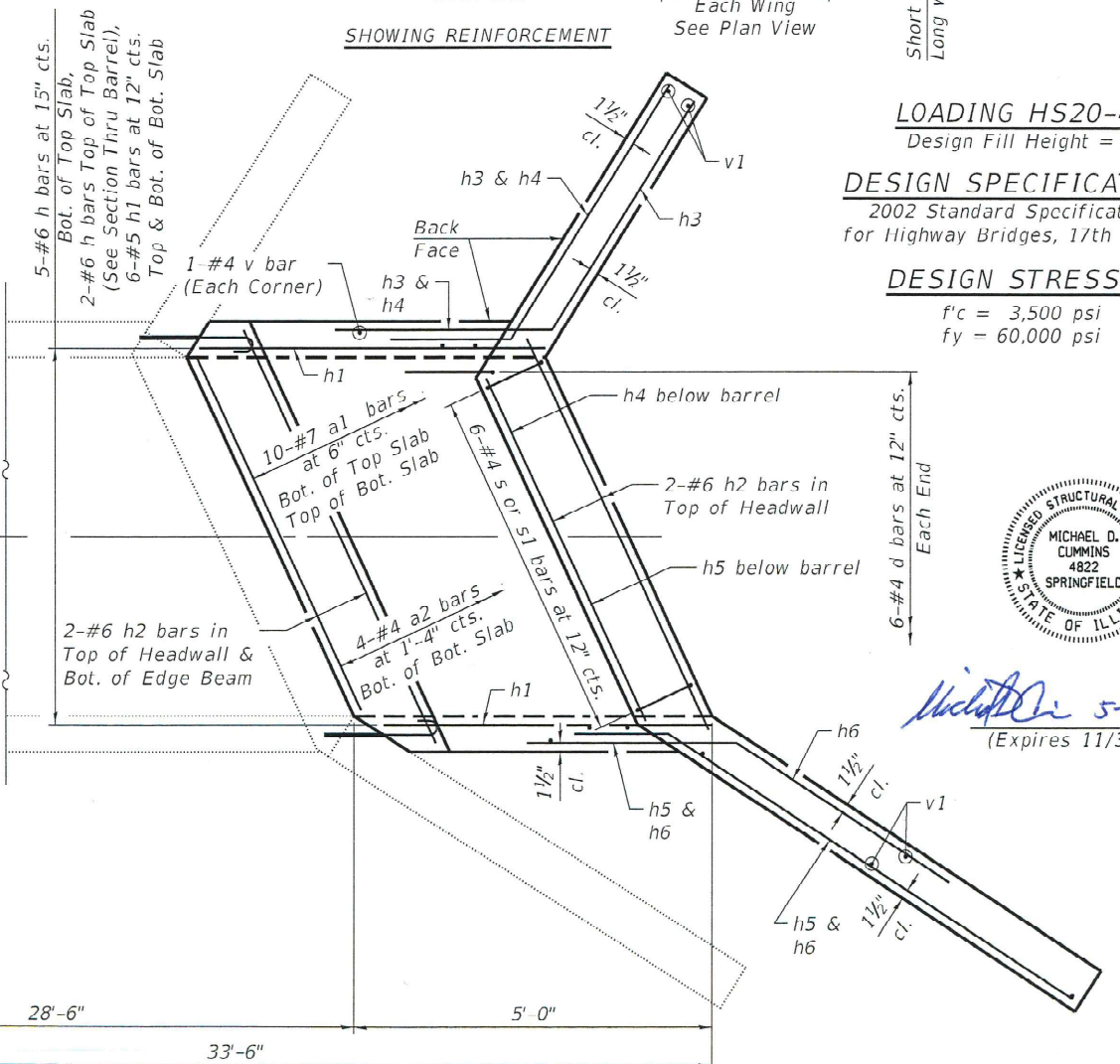


SHOWING REINFORCEMENT



SHOWING DIMENSION

PLAN



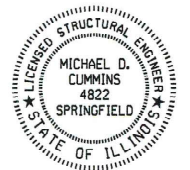
SHOWING REINFORCEMENT

LOADING HS20-44
Design Fill Height = 2'

DESIGN SPECIFICATIONS
2002 Standard Specifications
for Highway Bridges, 17th Edition

DESIGN STRESSES

$f'_c = 3,500$ psi
 $f_y = 60,000$ psi



Michael D. Cummins
(Expires 11/30/22)

CEC Cummins
Engineering
Corporation
Civil and Structural Engineering

JOB = 2644.4
FILE = 72011-00-Culvert_L.Sta517.dgn
DATE = 5/10/2022

DESIGNED - AAN
CHECKED - MDC
DRAWN - SJS
CHECKED - MDC

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

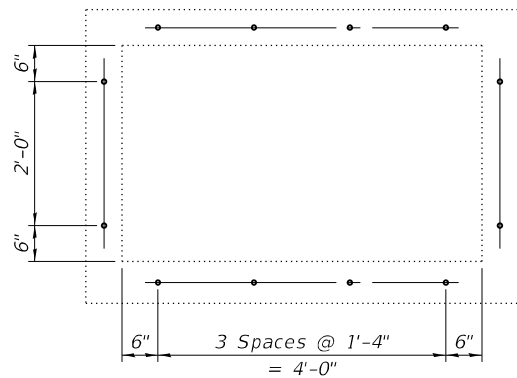
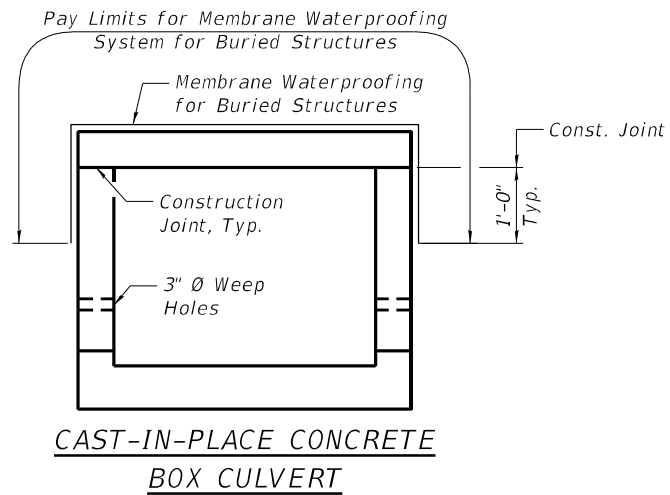
5'x3' RC BOX CULVERT DETAILS
STA 517 + 87.68 (IL 267)

SHEET NO. 1 OF 2 SHEETS

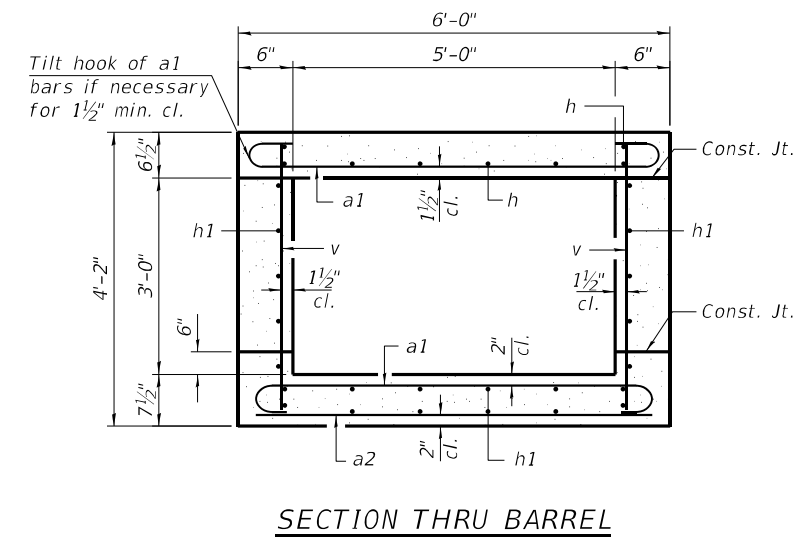
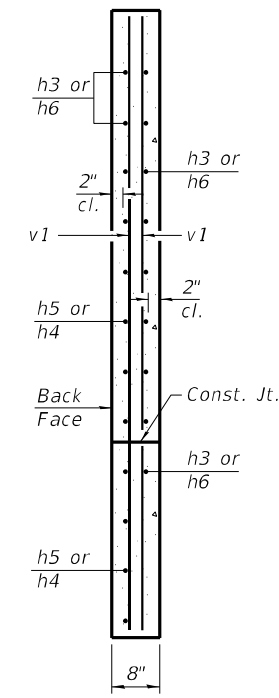
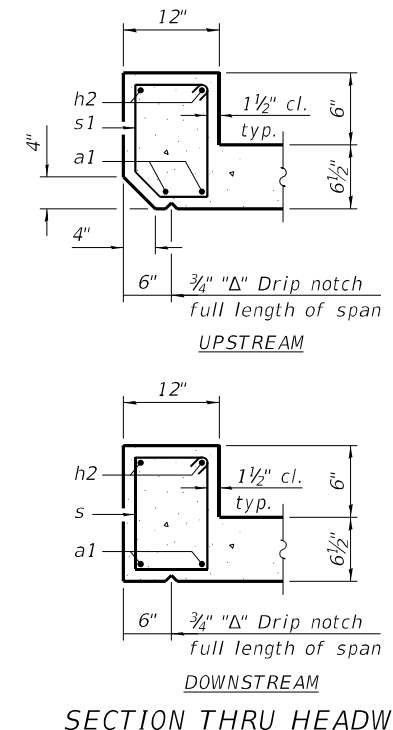
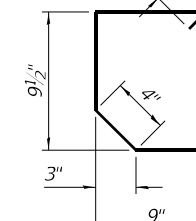
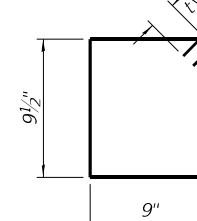
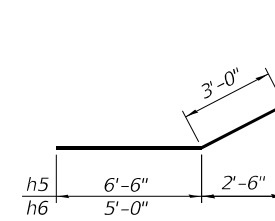
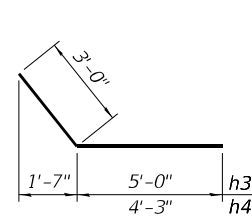
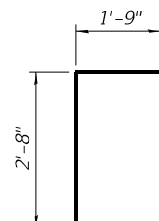
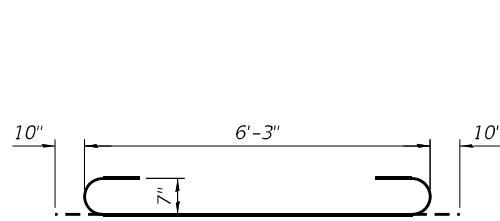
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411RS-2	MACOUPIN	52	39
				CONTRACT NO. 72D11
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

The barrel extension shall be poured monolithically with the wingwall.
 All construction joints shall be bonded.
 Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
 Precast option is not allowed.
 Hatched area indicates limits of Concrete Removal.



Note:
 Expansion Bolts shall be 3/4" Ø hooked bolts.
 Hooked bolts shall extend a minimum of 9" into new concrete.



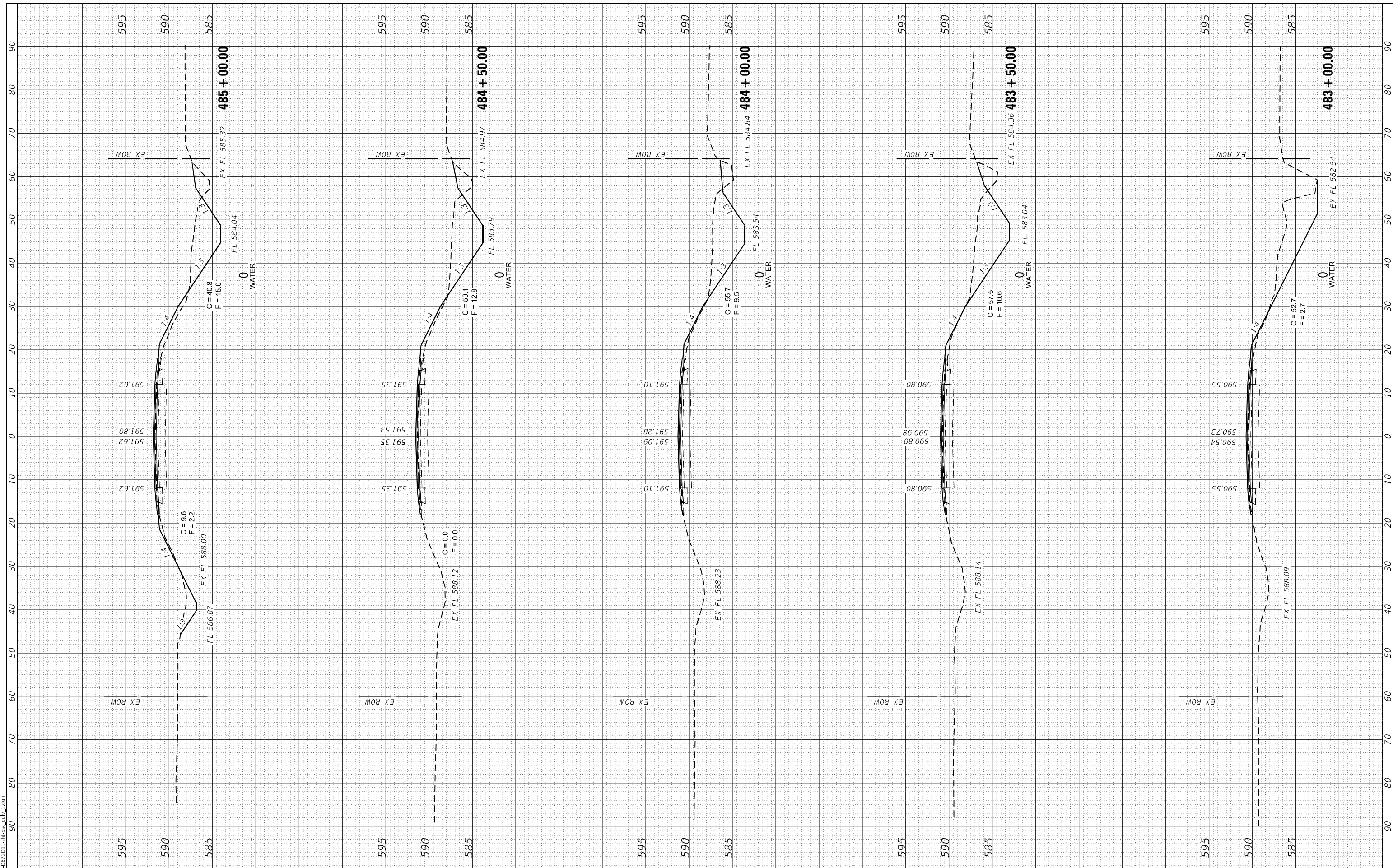
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1	40	#7	7'-11"	
a2	8	#4	6'-3"	
d	12	#4	4'-5"	
h	14	#6	4'-8"	
h1	40	#5	4'-8"	
h2	12	#6	5'-3"	
h3	12	#4	8'-0"	
h4	12	#4	7'-3"	
h5	12	#4	9'-6"	
h6	12	#4	8'-0"	
s	6	#4	3'-10"	
s1	6	#4	3'-8"	
v	32	#4	3'-10"	
v1	16	#4	6'-8"	
Concrete Box Culverts			Cu. Yd.	8.4
Reinforcement Bars			Pound	1550
Expansion Bolts 3/4" Inch			Each	12
Membrane Waterproofing System for Buried Structures			Sq. Yd.	13

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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FILE NAME: 0050672011.ctb



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PLOT DATE = 3/24/2022

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DRAWN - TEC
CHECKED - THF
DATE - 3-22-22

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 10 (IL 267 / IL 111)
CROSS SECTIONS

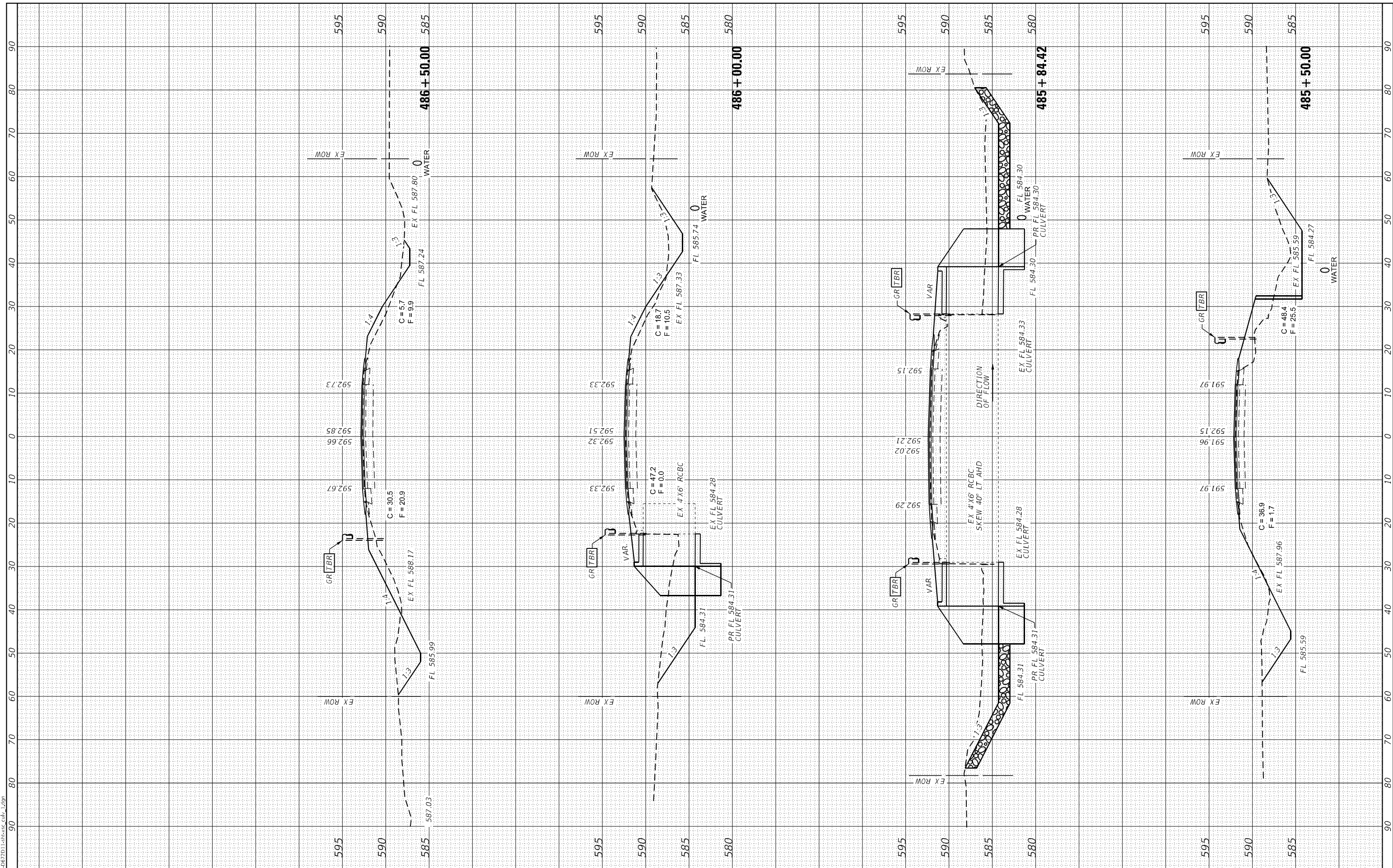
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	41
CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
AREAS CHECKED	AREAS CHECKED		

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AREAS CHECKED	AREAS CHECKED		

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CHECKED - THF
DATE - 3-22-22

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 10 (IL 267 / IL 111)
CROSS SECTIONS

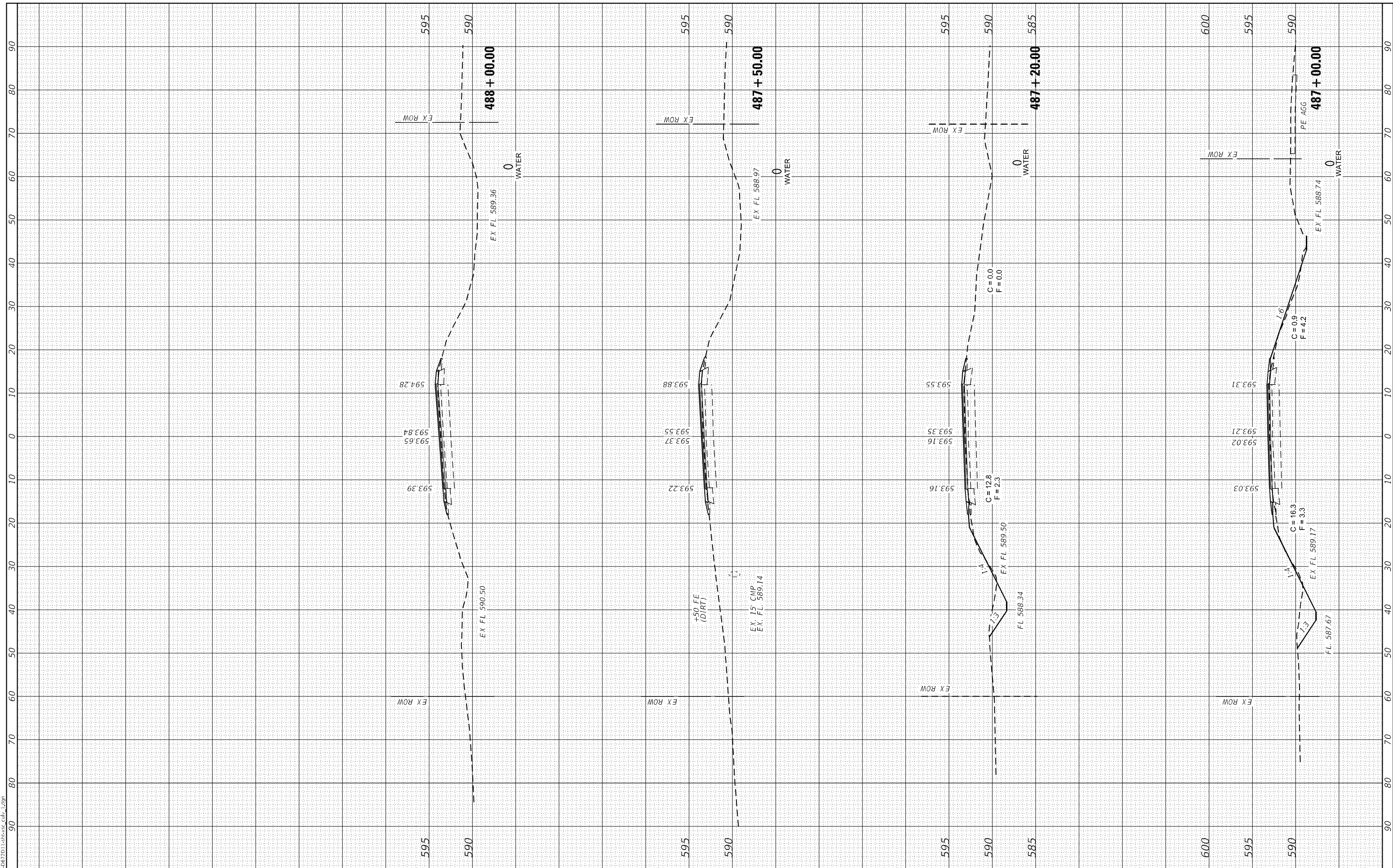
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	42
CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
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ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
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PLOT DATE = 3/24/2022	CHECKED - THF	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 10 (IL 267 / IL 111)
CROSS SECTIONS

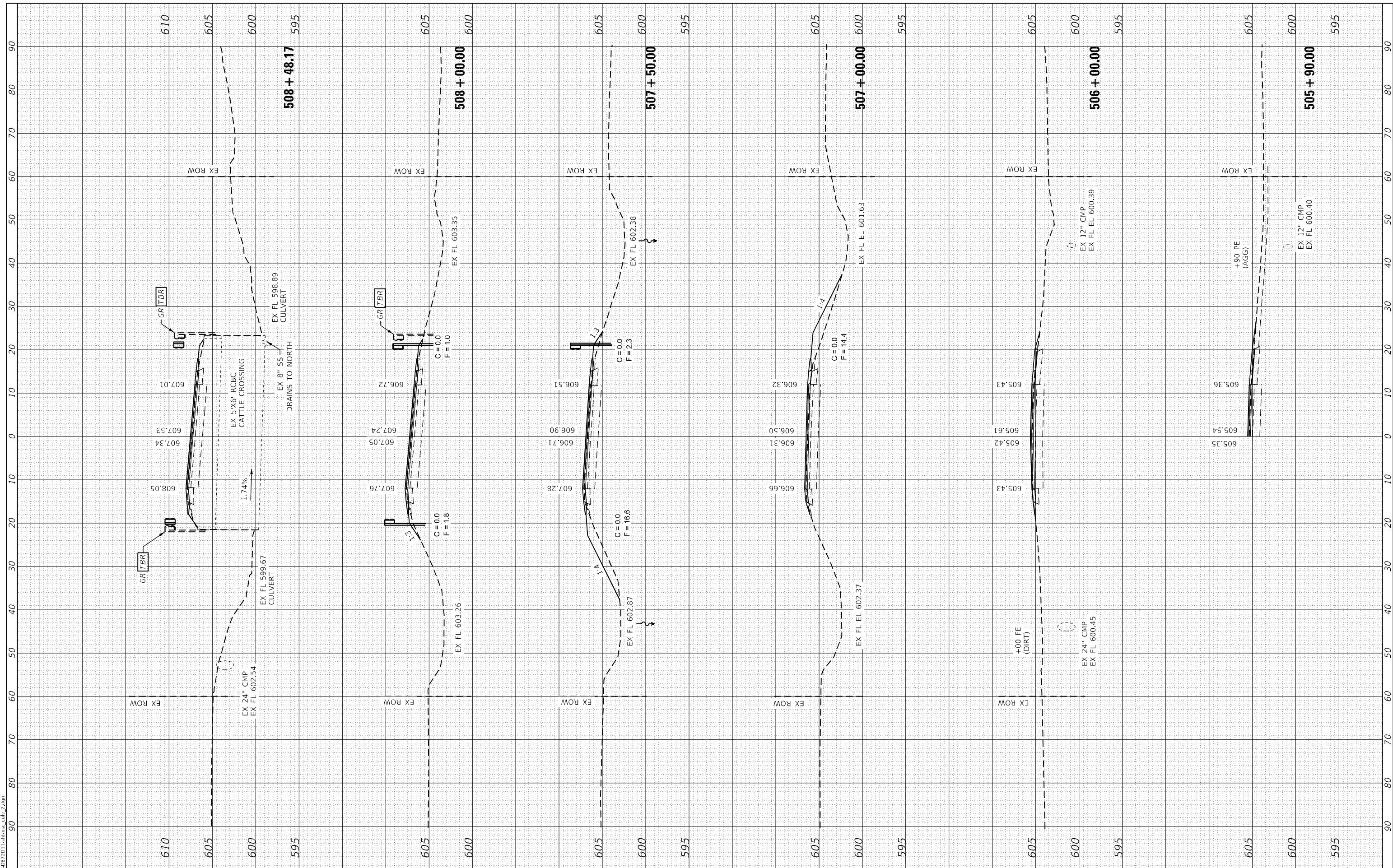
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	43
CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
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DESIGNED - TEC
DRAWN - TEC
CHECKED - THF
DATE - 3-22-22

REVISED -
REVISED -
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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 10 (IL 267 / IL 111)
CROSS SECTIONS

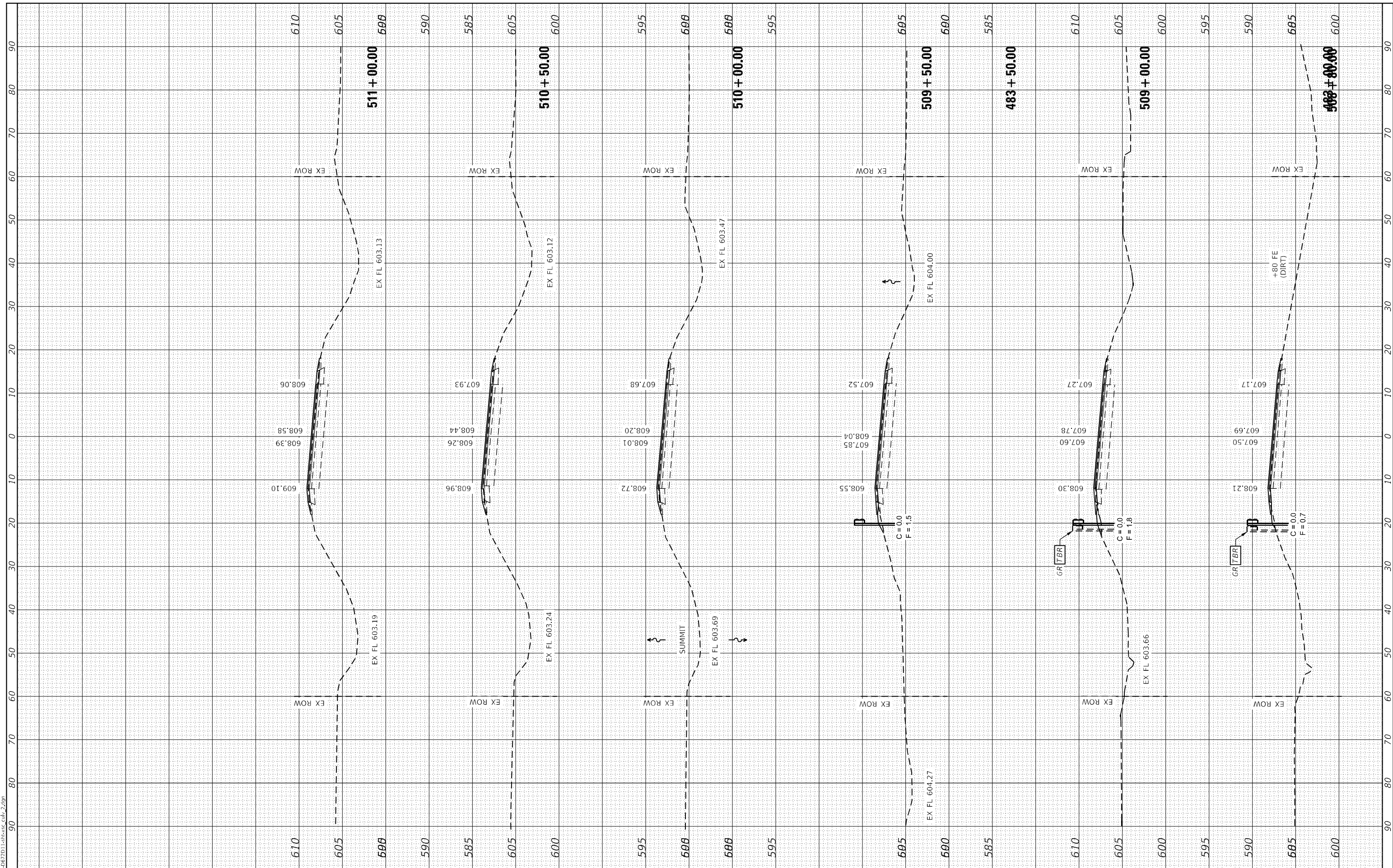
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	44
CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
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ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
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PLOT DATE = 3/24/2022

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CHECKED - THF
DATE - 3-22-22

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 10 (IL 267 / IL 111)
CROSS SECTIONS

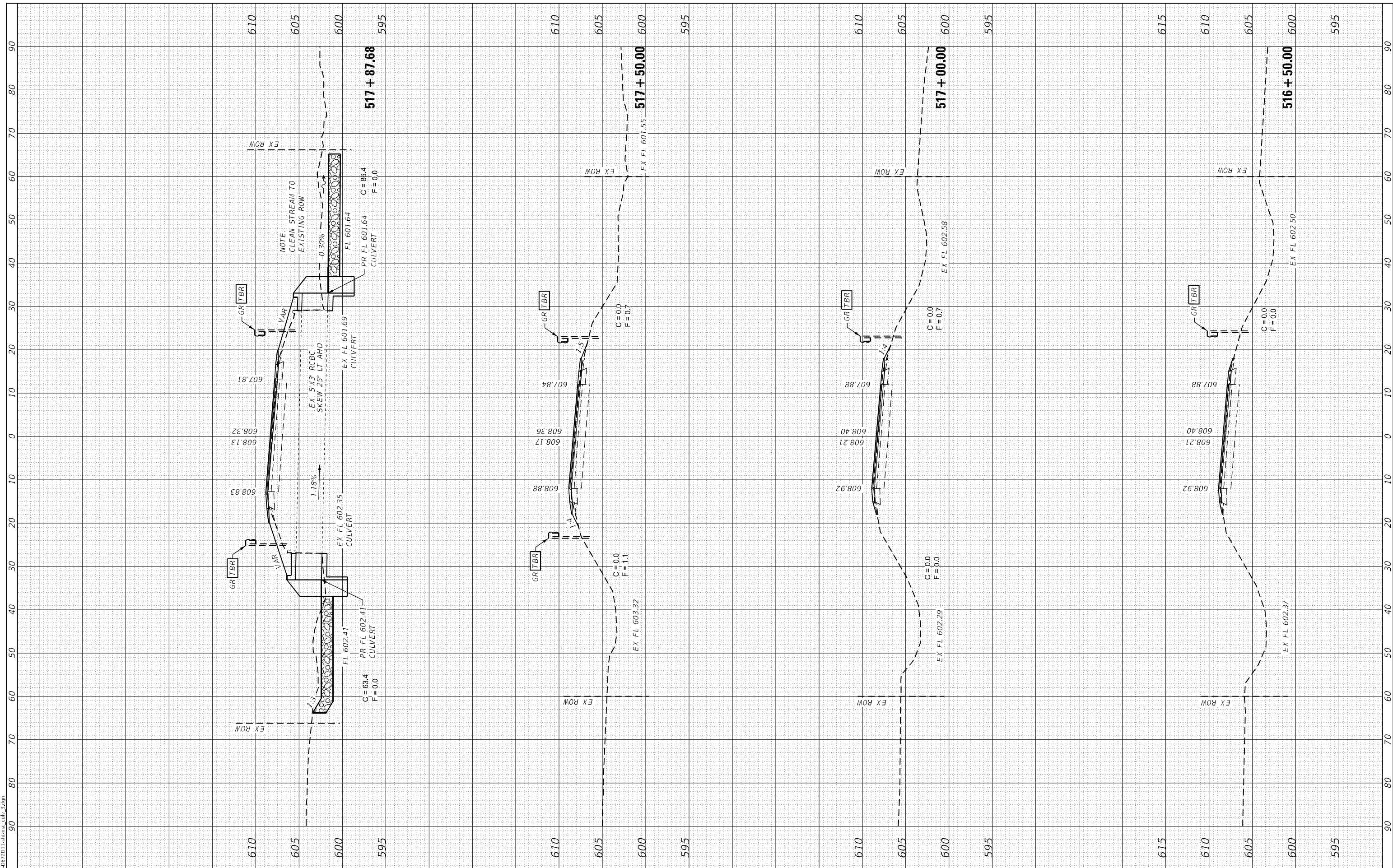
SCALE: 1"=10'H, 5'V SHEET OF SHEETS STA. 508+80.00 TO STA. 511+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	45
CONTRACT NO. 72D11			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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DATE - 3-22-22

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 10 (IL 267 / IL 111)
CROSS SECTIONS

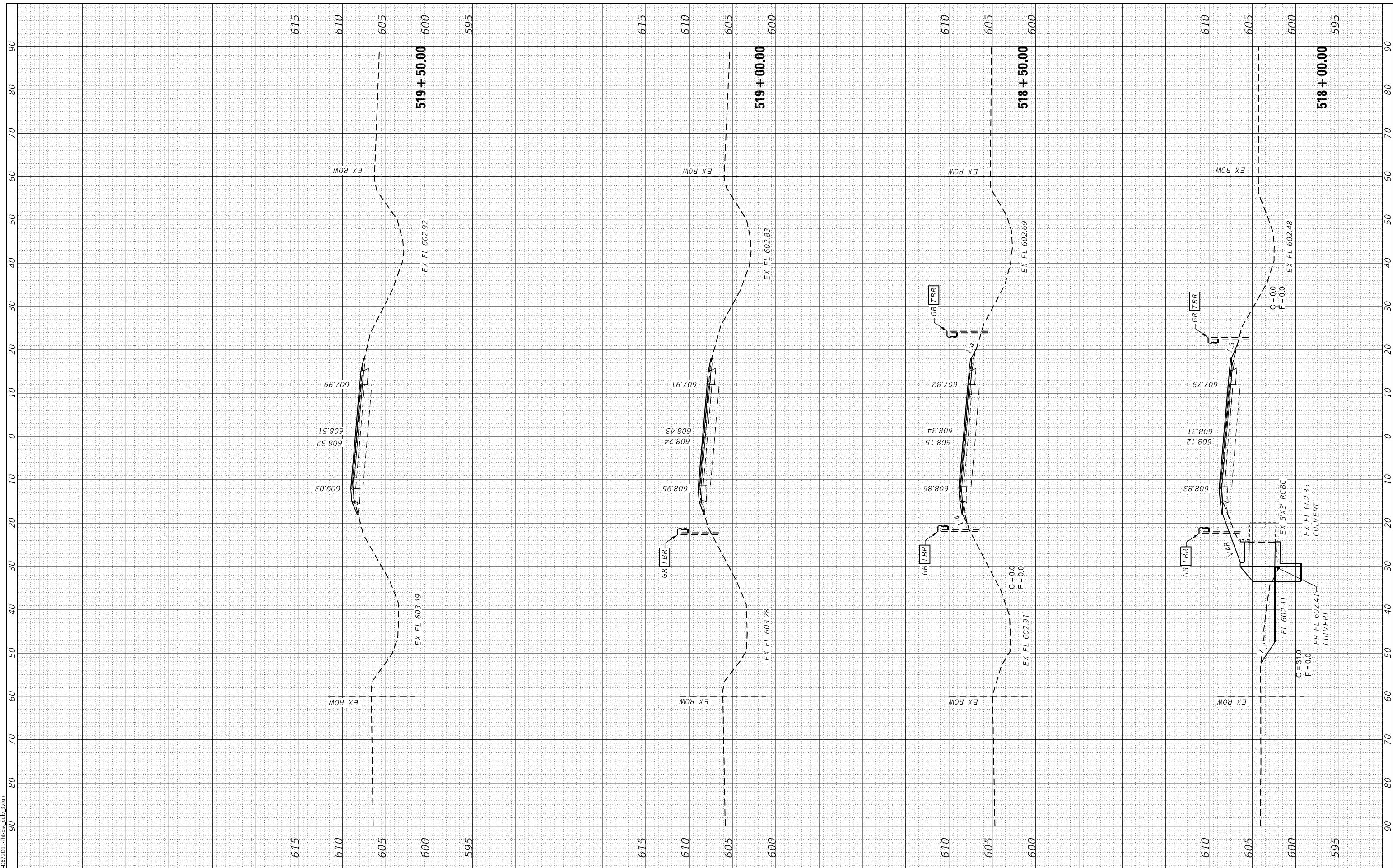
SCALE: 1"=10'H, 5'V SHEET OF SHEETS STA. 516+50.00 TO STA. 517+87.68

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	46
CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
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DESIGNED - TEC
DRAWN - TEC
CHECKED - THF
DATE - 3-22-22

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=10'H, 5'V SHEET OF SHEETS STA. 518+00.00 TO STA. 519+50.00

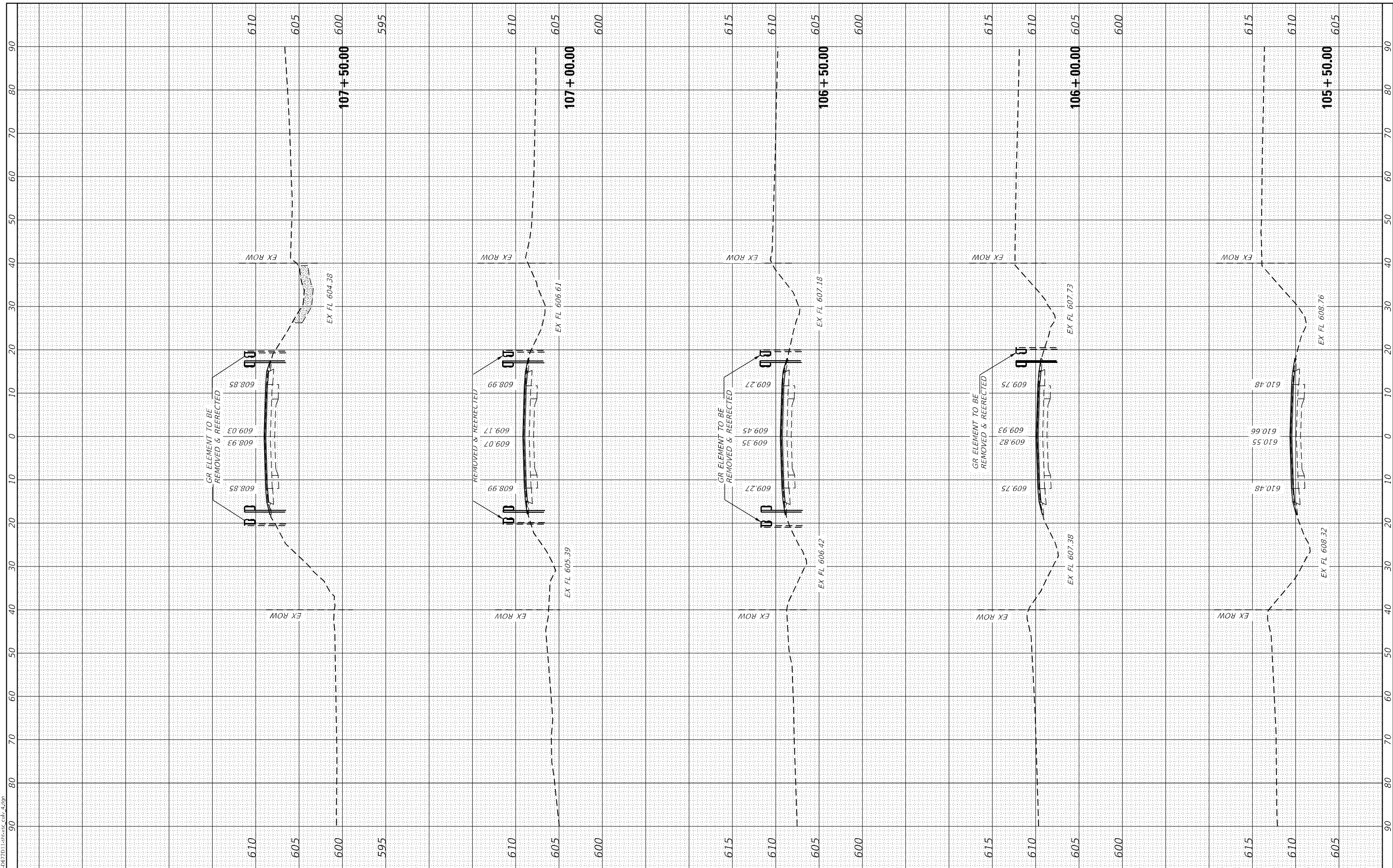
FAP 10 (IL 267 / IL 111)
CROSS SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	47
CONTRACT NO. 72D11			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED	DATE
NOTE BOOK	TEMPLATE	
AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED PLOTTED	DATE
NOTE BOOK	TEMPLATE	
AREAS CHECKED		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 10 (IL 267 / IL 111)
CROSS SECTIONS

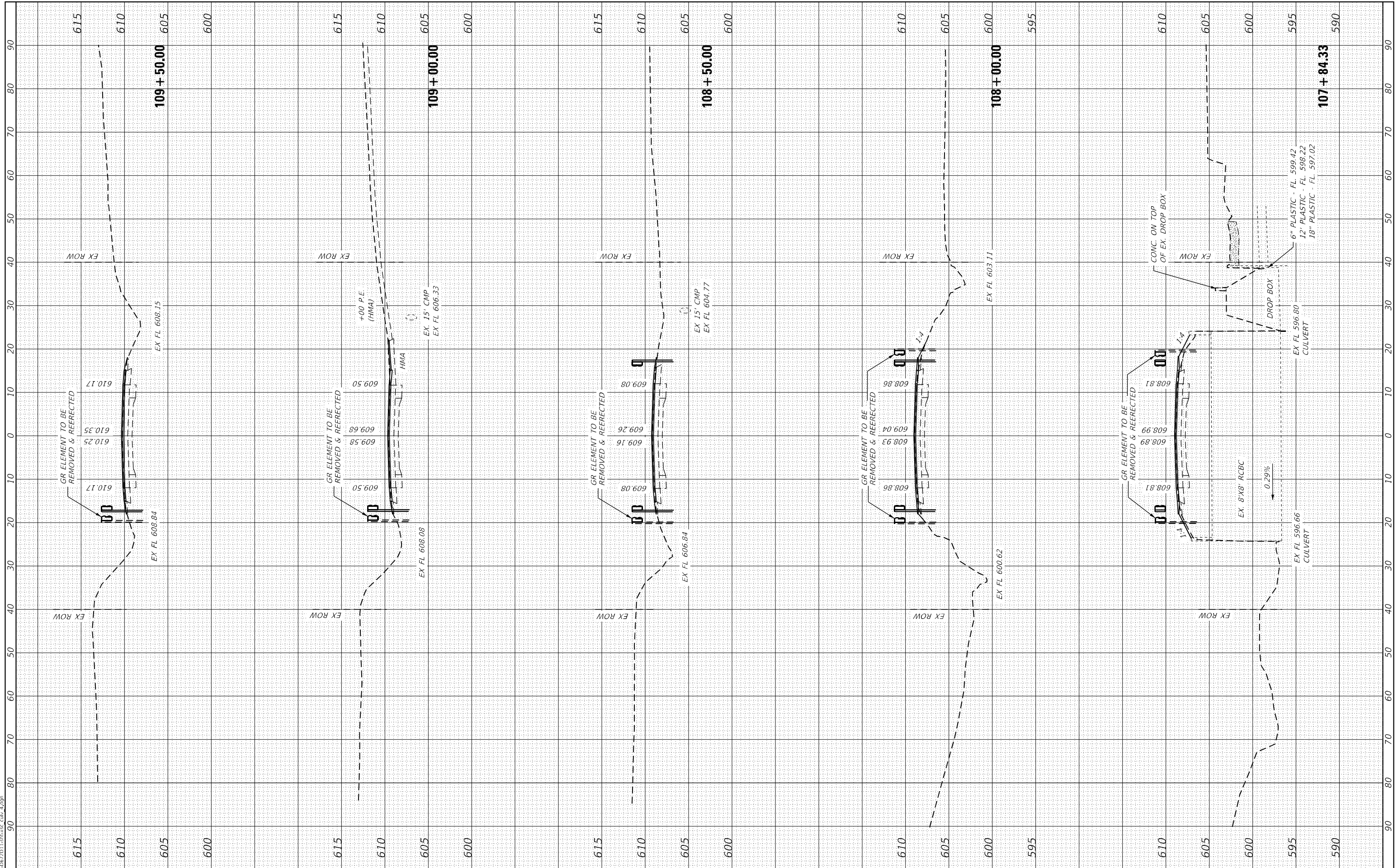
SCALE: 1"=10'H, 5'V SHEET OF SHEETS STA. 105+50.00 TO STA. 107+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	48
CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
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MODEL: Defn.dwg
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DATE - 3-22-22

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 10 (IL 267 / IL 111)
CROSS SECTIONS

SCALE: 1"=10'H, 5'V SHEET OF SHEETS STA. 107+84.33 TO STA. 109+50.00

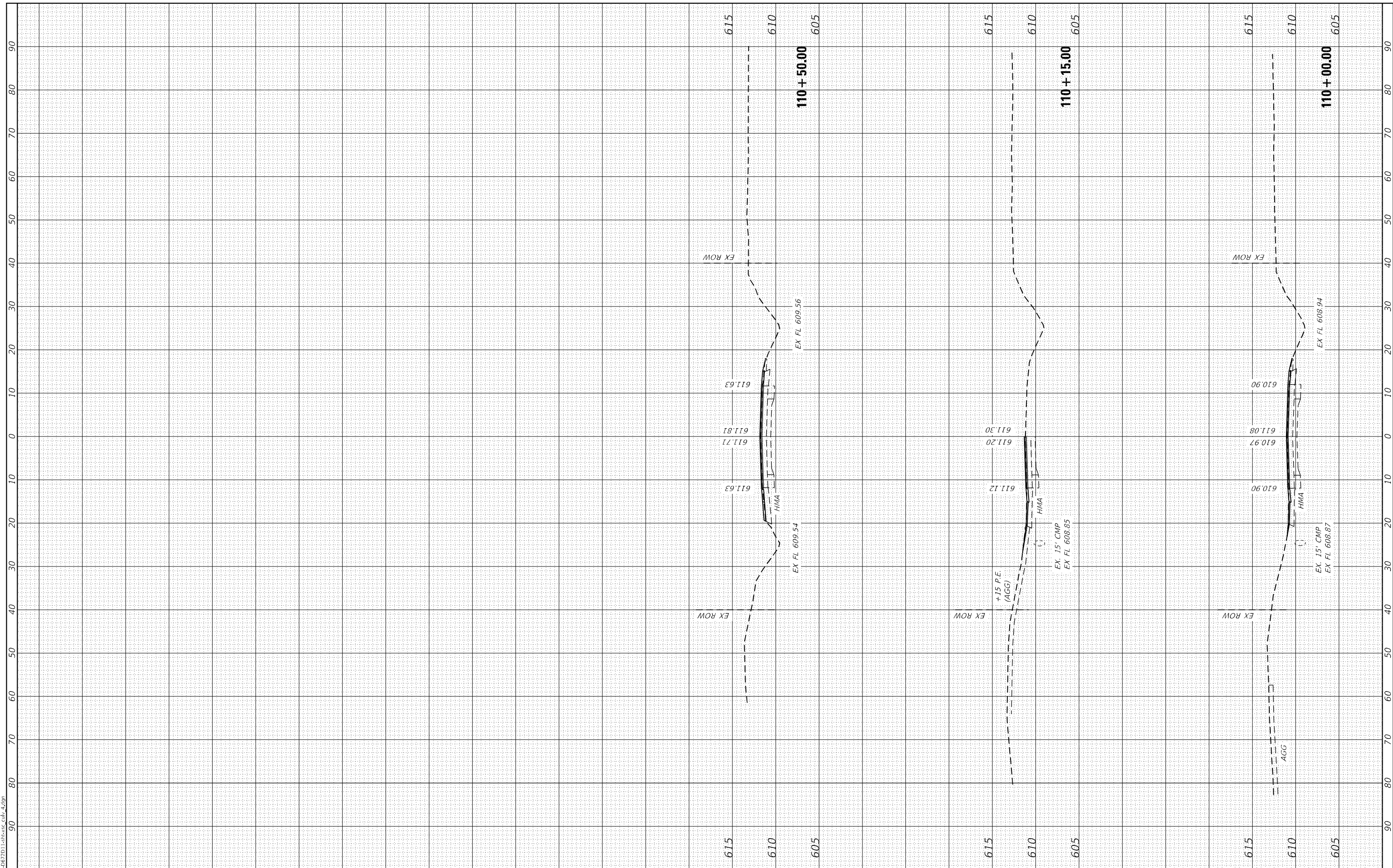
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	49
CONTRACT NO. 72D11				

ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

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PLOT DATE = 3/24/2022	CHECKED - THF	REVISED -
	DATE - 3-22-22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 10 (IL 267 / IL 111)
CROSS SECTIONS

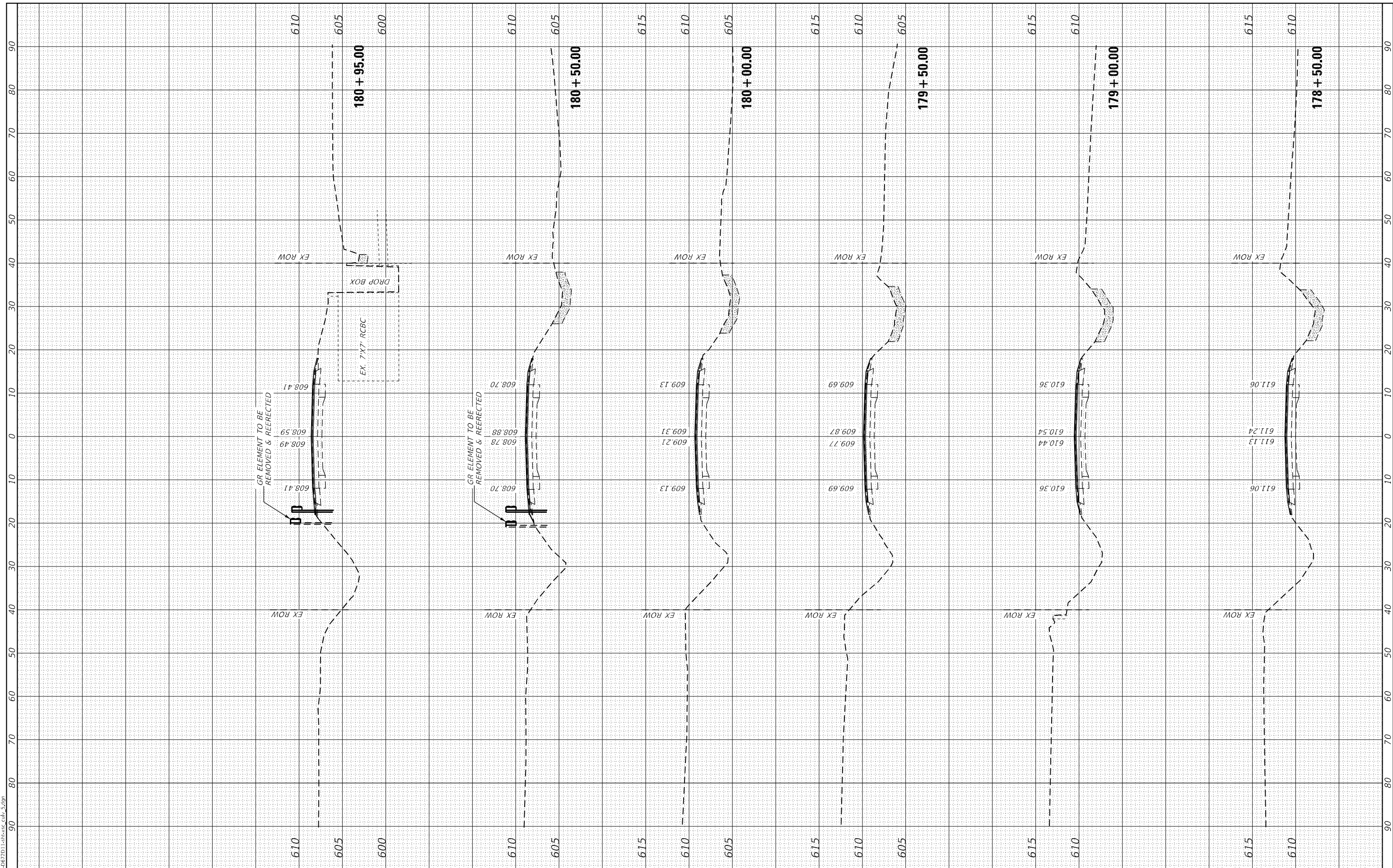
SCALE: 1"=10'H, 5'V SHEET OF SHEETS STA. 110+00.00 TO STA. 110+50.00

F.A.P. RTE. 10	SECTION 128RS-5, 126RS-7, 411R	COUNTY MACOUPIN	TOTAL SHEETS 52	SHEET NO. 50
CONTRACT NO. 72D11			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

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CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

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PLOT SCALE = 20,0000' / in.	DRAWN - TEC	REVISED -
PLOT DATE = 3/24/2022	CHECKED - THF	REVISED -
	DATE - 3-22-22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP 10 (IL 267 / IL 111)
CROSS SECTIONS**

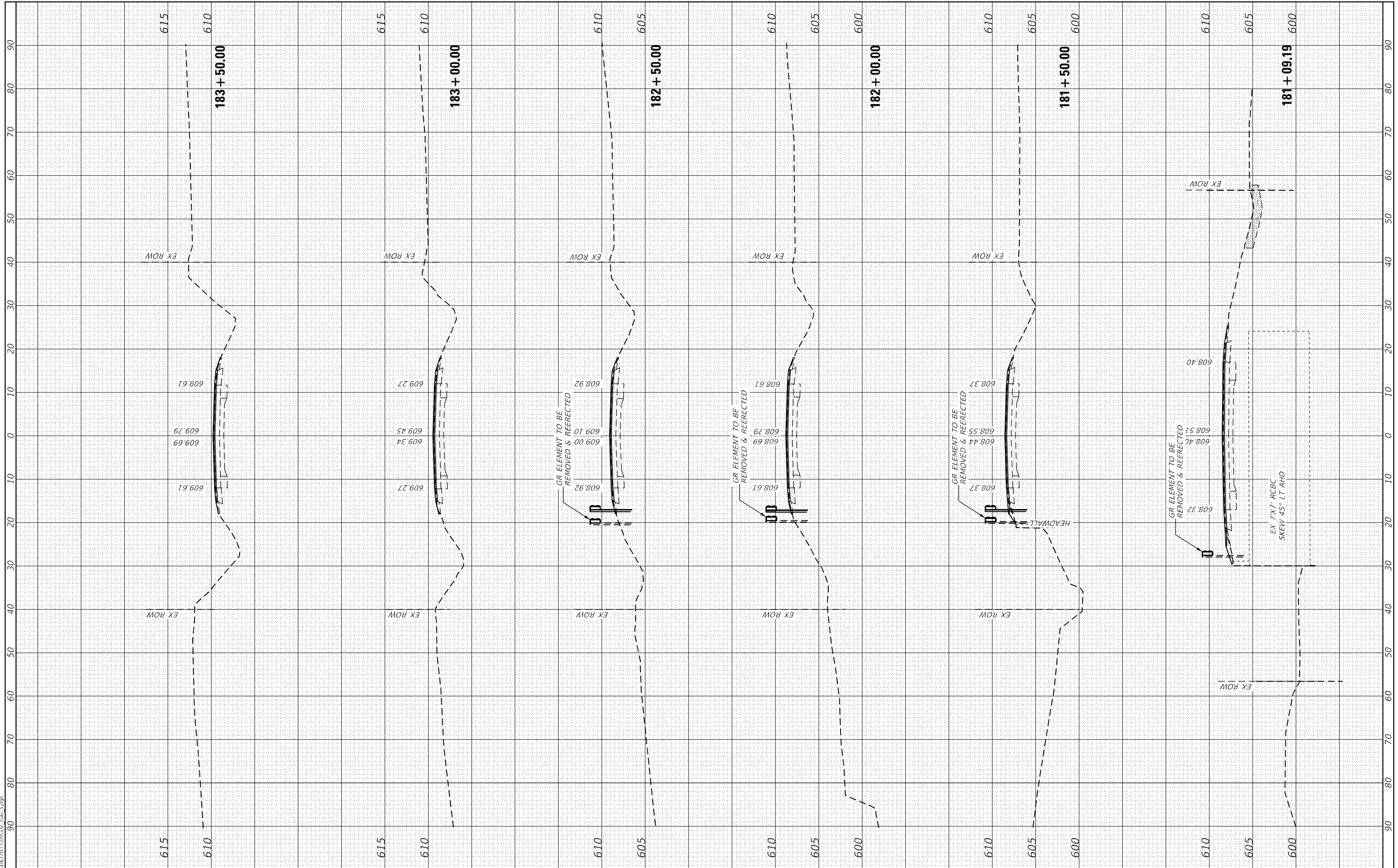
SCALE: 1"=10'H, 5'V SHEET OF SHEETS STA. 178+50.00 TO STA. 180+95.00

F.A.P. RTE. 10	SECTION 128RS-5, 126RS-7, 411R	COUNTY MACOUPIN	TOTAL SHEETS 52	SHEET NO. 51
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72D11	

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

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CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

USER NAME = default
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP 10 (IL 267 / IL 111)
CROSS SECTIONS**

SCALE: 1"=10'H, 5'V SHEET OF SHEETS STA. 181+09.19 TO STA. 183+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	128RS-5, 126RS-7, 411R	MACOUPIN	52	52
CONTRACT NO. 72D11				
ILLINOIS FED. AID PROJECT				