

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	101B-2	FRANKLIN	14	1
		ILLINOIS	CONTRACT NO. 78336	

FOR INDEX OF SHEETS, SEE SHEET NO. 3  
FOR SUMMARY OF QUANTITIES, SEE SHEETS 4-6

# PROPOSED HIGHWAY PLANS

F.A.P. ROUTE 869 (IL 34)  
SECTION 101B-2  
PROJECT STP-DRE3(238) BOX  
CULVERT REPLACEMENT  
FRANKLIN COUNTY

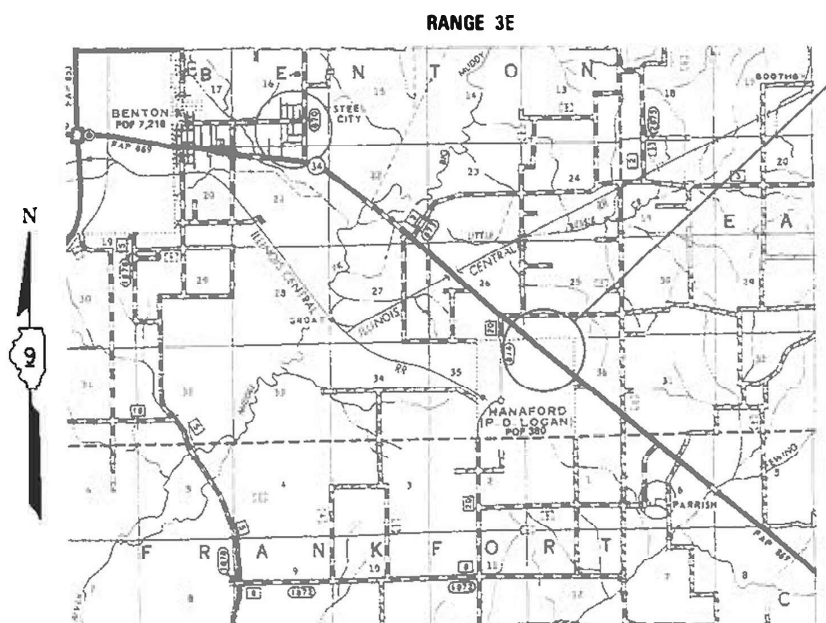
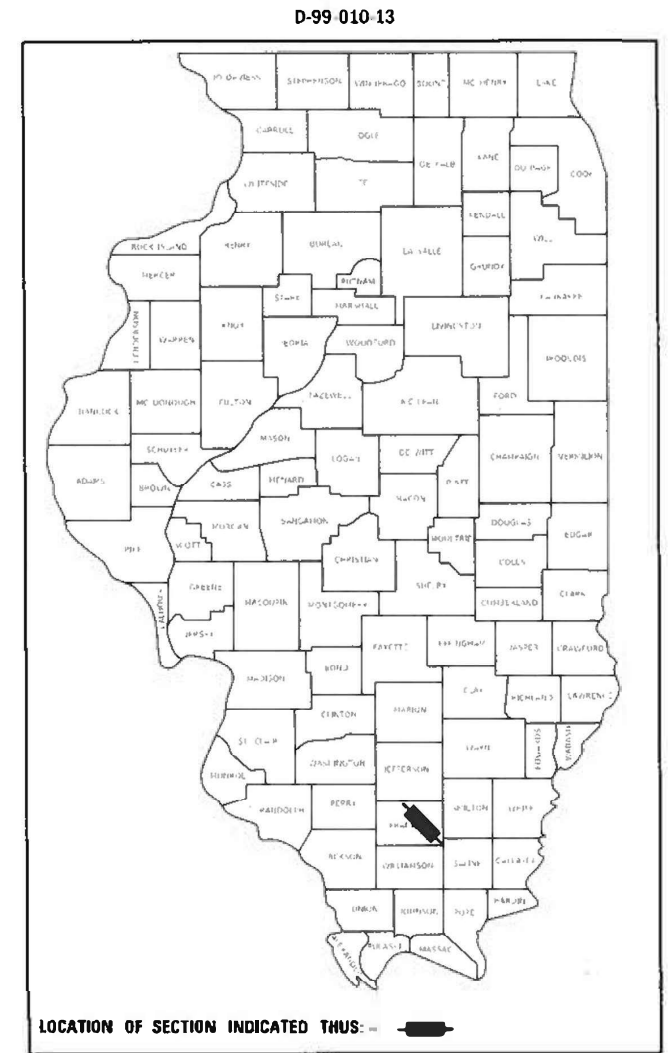
C-99-012-13

**TRAFFIC DATA**

2017 ADT = 2,750  
WITH 6.9% TRUCKS  
SPEED LIMIT = 55 MPH

**TOWNSHIPS**

BENTON



IMPROVEMENT LOCATION  
STRUCTURE NO. 028-7029 (E)  
STRUCTURE NO. 028-7122 (P)  
IL 34 OVER DRAINAGE DITCH

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

PROJECT ENGINEER: MIKE STEPHENSON  
PROJECT MANAGER: ADRIAN ADAMS

CONTRACT NO. 78336

GROSS LENGTH = 55.00 FT. = 0.010 MILE  
NET LENGTH = 55.00 FT. = 0.010 MILE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED 10-05-2020  
*[Signature]*  
REGION FIVE ENGINEER

January 29, 2021  
*[Signature]*  
ENGINEER OF DESIGN AND ENVIRONMENT

January 29, 2021  
*[Signature]*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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Prepared By: *Charles Steen*  
 DISTRICT STUDIES & PLANS ENGINEER

Examined By: *Nancy Lee*  
 DISTRICT LAND ACQUISITION ENGINEER

Examined By: *Carrie Nelson*  
 DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: *Kurt Nelson*  
 DISTRICT OPERATIONS ENGINEER

Examined By: *K.P. Nelson*  
 DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: *Daryl J. Hubel*  
 DISTRICT CONSTRUCTION ENGINEER

Examined By: *R. C. ...*  
 DISTRICT MATERIALS ENGINEER

USER NAME = adamsam	DESIGNED - _____	REVISED - _____
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PLOT SCALE = 100 0000 ' / 1"	CHECKED - _____	REVISED - _____
PLOT DATE = 9/10/2020	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SIGNATURES SHEET**

SCALE: \_\_\_\_\_ SHEET \_\_\_\_\_ OF \_\_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	101B-2	FRANKLIN	14	2
CONTRACT NO. 78336				
ILLINOIS FED. AID PROJECT				

**GENERAL NOTES**

- 1) FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:
- |               |                 |
|---------------|-----------------|
| ALL AGGREGATE | 2.05 TONS/CU YD |
| RIPRAP        | 1.50 TONS/CU YD |
- 2) AT ALL LOCATIONS WHERE EXISTING HOT-MIX ASPHALT OR CONCRETE PAVEMENT JOINS AN EXISTING HOT-MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.
- 3) A CALCIUM CHLORIDE ACCELERATOR WILL BE ALLOWED FOR THE PCC PAVEMENT, 10", AND PCC SHOULDERS, 8". THE CONCRETE SHALL BE CLASS PP-1 OR PP-2 PER ARTICLE 1020.

**INDEX OF SHEETS**

- |       |  |
|-------|--|
| 1     | COVER SHEET  |
| 2     | SIGNATURES SHEET   |
| 3     | GENERAL NOTES, COMMITMENTS, INDEX OF SHEETS, AND STANDARDS                       |
| 4-6   | SUMMARY OF QUANTITIES  |
| 7     | SCHEDULES  |
| 8     | GENERAL PLAN   |
| 9     | DETAILS AND FINAL SECTION  |
| 10    | LIMITS OF POROUS GRANULAR EMBANKMENT AND TYPICAL SECTION WITHIN PAVEMENT REMOVAL |
| 11    | RIGHT OF WAY SHEET   |
| 12-13 | APRON END SECTION DETAILS  |
| 14    | DISTRICT STANDARDS   |

**COMMITMENTS**

NONE

**STANDARDS**

- |           |   |
|-----------|---|
| 000001-08 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS  |
| 001001-02 | AREAS OF REINFORCEMENT BARS   |
| 001006    | DECIMAL OF AN INCH AND OF A FOOT  |
| 420001-09 | PAVEMENT JOINTS   |
| 420701-03 | PAVEMENT WELDED WIRE REINFORCEMENT  |
| 701001-02 | OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY   |
| 701006-05 | OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE                                |
| 701201-05 | LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH                                     |
| 701901-08 | TRAFFIC CONTROL DEVICES   |
| 780001-05 | TYPICAL PAVEMENT MARKINGS   |
| BLR 21-9  | TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS |

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USER NAME = adamsam	DESIGNED - _____	REVISED - _____	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES, INDEX OF SHEETS, COMMITMENTS, AND STANDARDS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - _____	REVISED - _____			869	101B-2	FRANKLIN	14	3
PLOT SCALE = 100.0000' / in.	CHECKED - _____	REVISED - _____			CONTRACT NO. 78336				
PLOT DATE = 10/7/2020	DATE - _____	REVISED - _____			SCALE: _____		SHEET ____ OF ____ SHEETS		STA. _____ TO STA. _____
					ILLINOIS FED. AID PROJECT				

# SUMMARY OF QUANTITIES

COUNTY	FRANKLIN
ROUTE	IL 34
FUNDING	NHPP 80% FED, 20% STATE
LOCATION	RURAL

CODE NUMBER	ITEM DESCRIPTION	UNIT	0004
20200100	EARTH EXCAVATION	CU YD	415
20700220	POROUS GRANULAR EMBANKMENT	CU YD	254
25000200	SEEDING, CLASS 2	ACRE	0.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	23
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	23
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	23
25000700	AGRICULTURAL GROUND LIMESTONE	TON	0.5
25100630	EROSION CONTROL BLANKET	SQ YD	202
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	8
28000400	PERIMETER EROSION BARRIER	FOOT	196
28100107	STONE RIPRAP, CLASS A4	SQ YD	30
28200200	FILTER FABRIC	SQ YD	30
42000060	WELDED WIRE REINFORCEMENT	SQ YD	160

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: \_\_\_\_\_ SHEET \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	101B-2	FRANKLIN	14	4
			CONTRACT NO. 78336	
		ILLINOIS FED. AID PROJECT		

# SUMMARY OF QUANTITIES - CONT

COUNTY	FRANKLIN
ROUTE	IL 34
FUNDING	NHPP 80% FED, 20% STATE
LOCATION	RURAL

CODE NUMBER	ITEM DESCRIPTION	UNIT	0004
42000500	PORTLAND CEMENT CONCRETE PAVEMENT 10"	SQ YD	160
44000100	PAVEMENT REMOVAL	SQ YD	160
48300300	PORTLAND CEMENT CONCRETE SHOULDERS 8"	SQ YD	36
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2
54010605	PRECAST CONCRETE BOX CULVERTS 6' X 5'	FOOT	54
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	63
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	6
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	1
67100100	MOBILIZATION	L SUM	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	3
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	34

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	DATE - _____	REVISOR - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: \_\_\_\_\_ SHEET \_\_\_\_ OF \_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	101B-2	FRANKLIN	14	5
			CONTRACT NO. 78336	
			ILLINOIS FED. AID PROJECT	

# SUMMARY OF QUANTITIES - CONT

	COUNTY	FRANKLIN	
	ROUTE	IL 34	
	FUNDING	NHPP 80% FED, 20% STATE	
	LOCATION	RURAL	
CODE NUMBER	ITEM DESCRIPTION	UNIT	0004
*	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT 220
	X0900064	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD 63
	X7011800	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM 1

\* SPECIALTY ITEM

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PLOT DATE = 10/13/2020	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: \_\_\_\_\_ SHEET \_\_\_\_ OF \_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

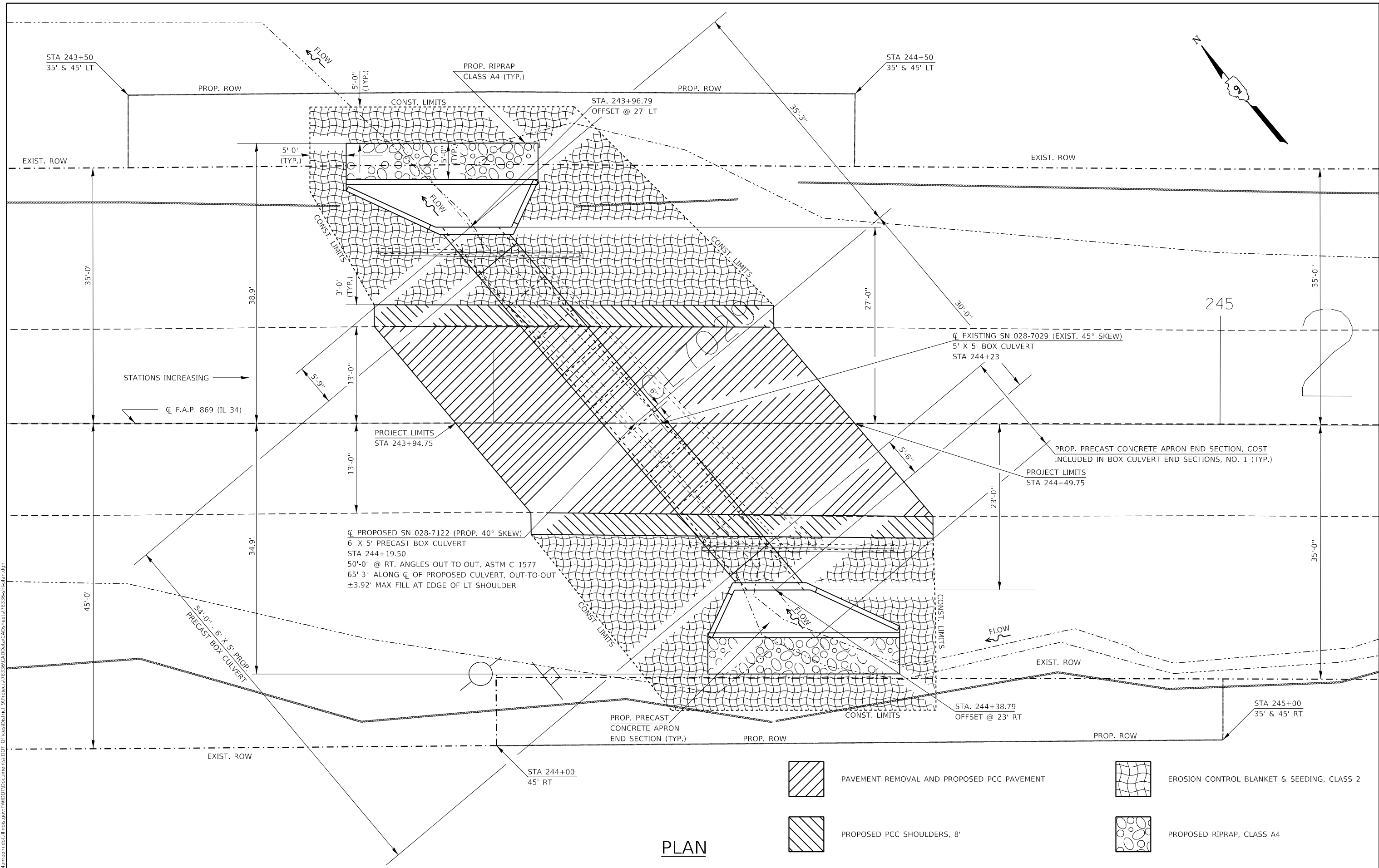
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869	101B-2	FRANKLIN	14	6
CONTRACT NO. 78336				
ILLINOIS FED. AID PROJECT				

PAVING SCHEDULE										
STATION				COMMENTS	PAVEMENT REMOVAL	PORTLAND CEMENT CONCRETE PAVEMENT, 10'	WELDED WIRE REINF.	PCC SHOULDERS - 8'		
					SQ YD	SQ YD	SQ YD	SQ YD		
243+94.75	LT	TO	244+49.75	LT	80	80	80	19		
243+94.75	RT	TO	244+49.75	RT	80	80	80	19		
TOTALS					160	160	160	38		





PAVEMENT MARKING SCHEDULE										
STATION				NOTES	PAINT PAVEMENT MARKING - LINE					
					SOLID WHITE	SOLID YELLOW				
					FOOT	FOOT				
244+05.94	RT	TO	244+60.94	RT		55				
243+94.75		TO	244+49.75		ALONG CENTERLINE			110		
243+83.56	LT	TO	244+38.56	LT		55				
SUBTOTAL						110		110		
TOTAL								220		

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	DATE - _____	REVISED - _____		ILLINOIS FED. AID PROJECT							



**PLAN**

-  PAVEMENT REMOVAL AND PROPOSED PCC PAVEMENT  
 PROPOSED PCC SHOULDERS, 8"
-  EROSION CONTROL BLANKET & SEEDING, CLASS 2  
 PROPOSED RIPRAP, CLASS A4

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN**  
**SN 028-7122 (P)**

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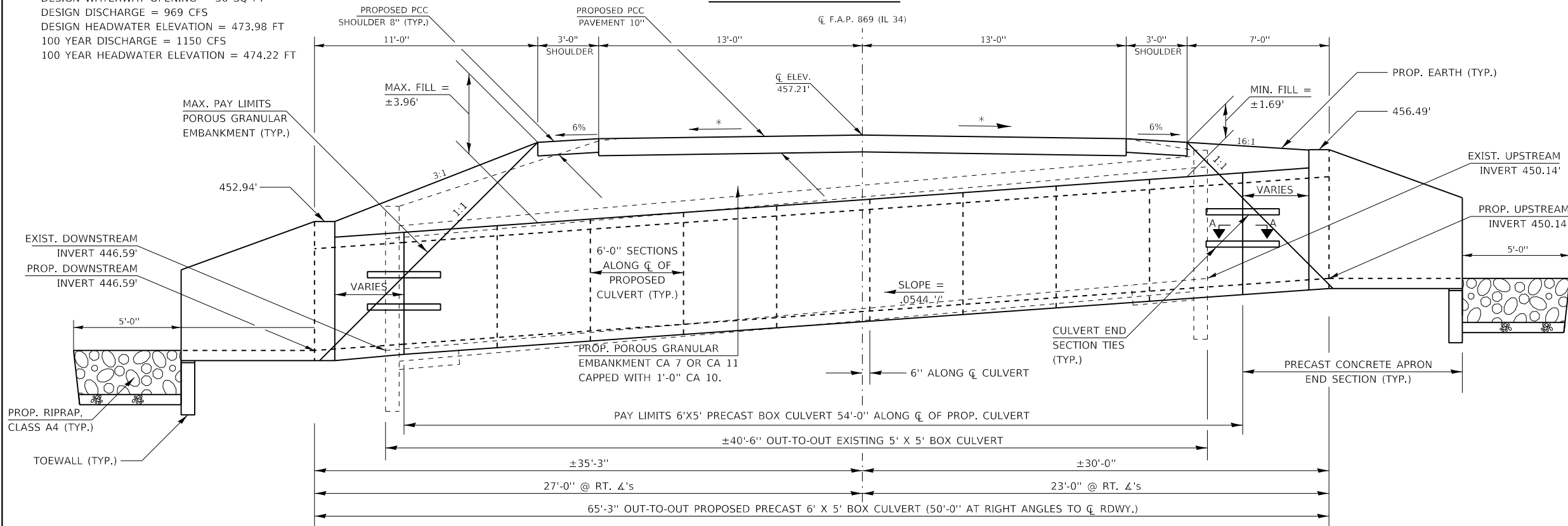
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1018-2	FRANKLIN	14	8
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78336	



**HYDRAULIC DATA**  
 DRAINAGE AREA = 0.71 SQ MI  
 DESIGN WATERWAY OPENING = 30 SQ FT  
 DESIGN DISCHARGE = 969 CFS  
 DESIGN HEADWATER ELEVATION = 473.98 FT  
 100 YEAR DISCHARGE = 1150 CFS  
 100 YEAR HEADWATER ELEVATION = 474.22 FT

### FINAL SECTION

\* MATCH EXISTING CROSS SLOPES  
 PRECAST BOX LOADING HL-93.  
 ASTM C 1577



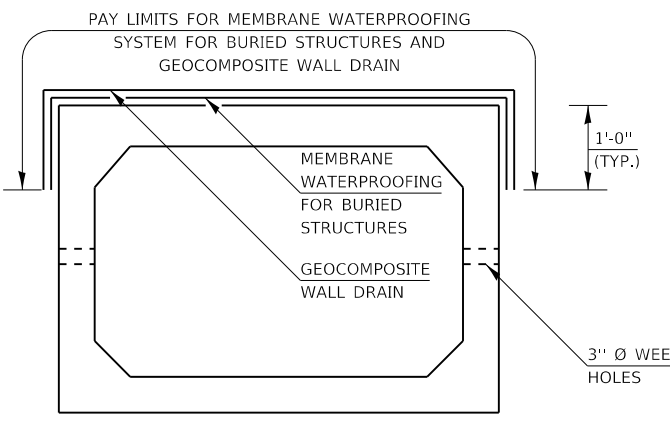
**GENERAL NOTES**  
 DRAIN HOLES SHALL BE PROVIDED ON EXTERIOR CULVERT WALLS FOR EACH PRECAST BOX SEGMENT WITH A CLEAR RISE GREATER THAN 3 FT. THE DRAIN HOLE SHALL BE LOCATED WITHIN 1/3 OF THE CLEAR RISE OF THE BOX CULVERT, SHALL NOT INTERCEPT THE HAUNCH, AND SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE 503.11 OF THE STANDARD SPECIFICATIONS.  
 THE 6 IN. THICK LAYER OF POROUS GRANULAR MATERIAL REQUIRED FOR THE PRECAST CONCRETE BOX CULVERT PER ARTICLE 540.06 OF THE STANDARD SPECIFICATIONS SHALL ALSO APPLY TO THE END SECTIONS. COST OF THE POROUS GRANULAR MATERIAL WILL NOT BE PAID SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE OF THE WORK FOR WHICH IT IS REQUIRED.  
 NONWOVEN GEOTEXTILE FABRIC SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE 1080.01 OF THE STANDARD SPECIFICATIONS. THE MINIMUM WEIGHT OF THE FABRIC SHALL BE 6 OUNCES PER SQUARE YARD.

### ELEVATION

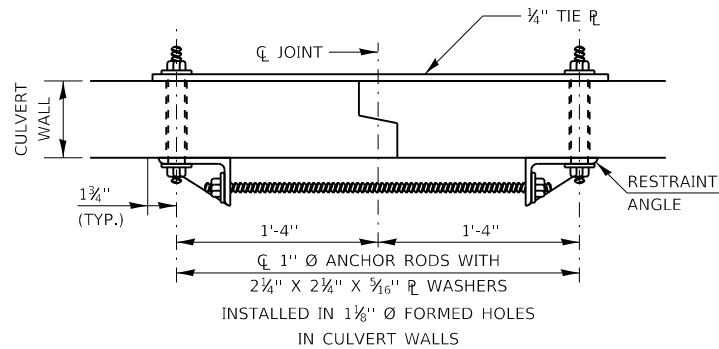
THE REMOVAL OF THE EXISTING BOX CULVERT IS TO BE INCLUDED IN THE COST OF REMOVAL OF EXISTING STRUCTURES.  
 THE COST OF THE TOEWALL, WHETHER CAST-IN-PLACE OR PRECAST, SHALL BE INCLUDED IN THE COST OF BOX CULVERT END SECTIONS, CULVERT NO. 1 (TYP.)

(LOOKING SOUTH)

**NOTE:**  
 GEOCOMPOSITE WALL DRAIN SHALL BE ACCORDING TO SECTION 591 OF THE STANDARD SPECIFICATIONS, EXCEPT THAT CONCRETE NAILS SHALL NOT BE USED IN AREAS WHERE IT OVERLAPS MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES.

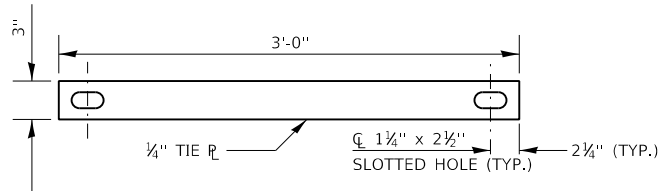


### PRECAST CONCRETE BOX CULVERT



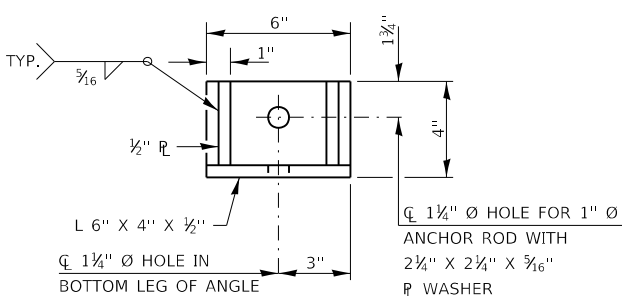
### SECTION A-A TIE PLATE DETAIL

(SHOWING END SECTION TIE DETAILS)  
 NOT TO SCALE



### TIE PLATE DETAIL

NOT TO SCALE



### RESTRAINT ANGLE DETAIL

NOT TO SCALE

### BILL OF MATERIAL

PRECAST BOX CULVERT SCHEDULE (ASTM C 1577)						
STATION	SIZE	SKEW	DESIGN FILL (FT.)		PGE BACKFILL REQUIRED	
			MINIMUM	MAXIMUM		
244+14.92 TO 244+24.08	6' X 5'	40°	±1.69'	±3.96'	254 CU YD	

THE NUMBER OF CULVERT TIES SHALL BE SUFFICIENT TO ENGAGE THE MINIMUM LENGTH OF CULVERT BARREL SHOWN WITHIN THE PAY LIMITS FOR PRECAST CONCRETE BOX CULVERTS AND WILL BE DEPENDENT UPON THE LENGTH OF BOX CULVERT SEGMENTS FURNISHED BY THE CONTRACTOR. CULVERT TIES ARE NOT REQUIRED FOR BOX CULVERTS HAVING A RISE LESS THAN OR EQUAL TO 3FT AND A SPAN GREATER THAN OR EQUAL TO 10 FT.  
 ALL COSTS ASSOCIATED WITH FURNISHING AND INSTALLING OR CONSTRUCTING THE TOEWALL AND CULVERT TIES WILL NOT BE MEASURED FOR PAYMENT BUT SHALL BE INCLUDED IN THE UNIT PRICE FOR BOX CULVERT END SECTIONS OF THE CULVERT NUMBER SPECIFIED.

ITEM	UNIT	QUANTITY
BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2
GEOCOMPOSITE WALL DRAIN	SQ YD	63
MEMBRANE WATERPROOFING FOR BURIED STRUCTURES	SQ YD	63
PRECAST CONCRETE BOX CULVERTS 6' X 5'	FOOT	54

MOEEL Defaul  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

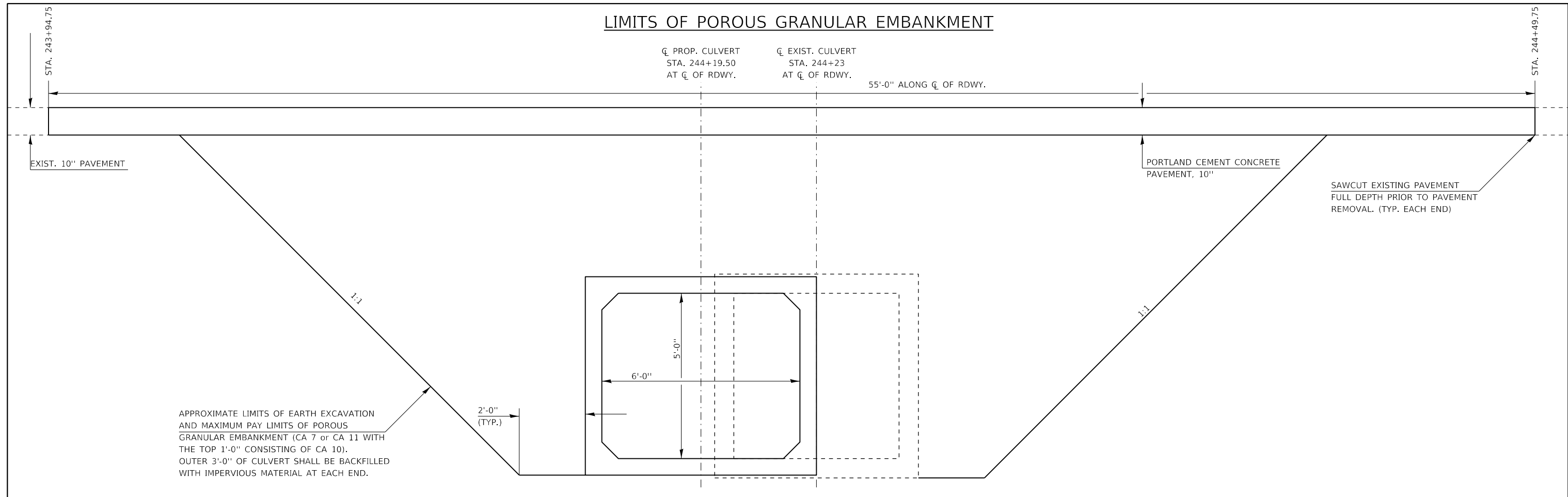
DETAILS AND FINAL SECTION  
 SN 028-7122 (P)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1018-2	FRANKLIN	14	9

CONTRACT NO. 78336  
 ILLINOIS FED. AID PROJECT

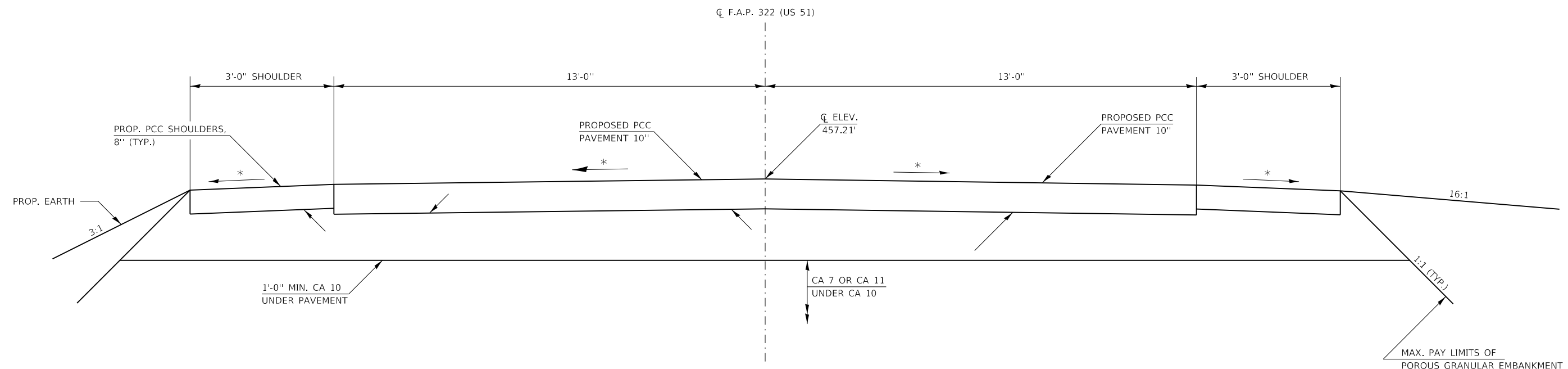
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# LIMITS OF POROUS GRANULAR EMBANKMENT



# SECTION WITHIN PAVEMENT REMOVAL

THE COST OF THE REMOVAL OF EXISTING PAVEMENT MARKINGS, INCLUDING RAISED REFLECTIVE PAVEMENT MARKERS IS INCLUDED IN THE COST OF PAVEMENT REMOVAL.



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

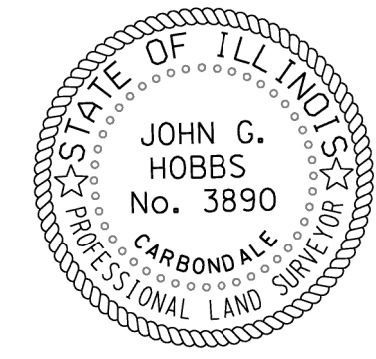
**LIMITS OF POROUS GRANULAR EMBANKMENT AND  
SECTION WITHIN PAVEMENT REMOVAL**

SCALE: \_\_\_\_\_ SHEET \_\_\_\_ OF \_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	101B-2	FRANKLIN	14	10
CONTRACT NO. 78336				
ILLINOIS FED. AID PROJECT				

FAP 869 (IL RTE 34) ALIGNMENT INFO				
POINT #	STATION	NORTHING	EASTING	
IL343	239+50.00	472339.74	840365.90	
PC4	241+56.60	472626.89	840526.30	
PT4	250+67.76	472044.24	841226.78	

PARCEL ID	PROPERTY OWNER	PURPOSE	ACREAGE
182	PATSY A. SCHWIEN	R.O.W.	0.046 AC±

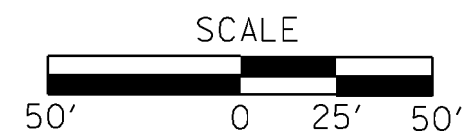


JOHN G. HOBBS  
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2020.

This professional service conforms to the current Illinois minimum standards for a boundary survey.

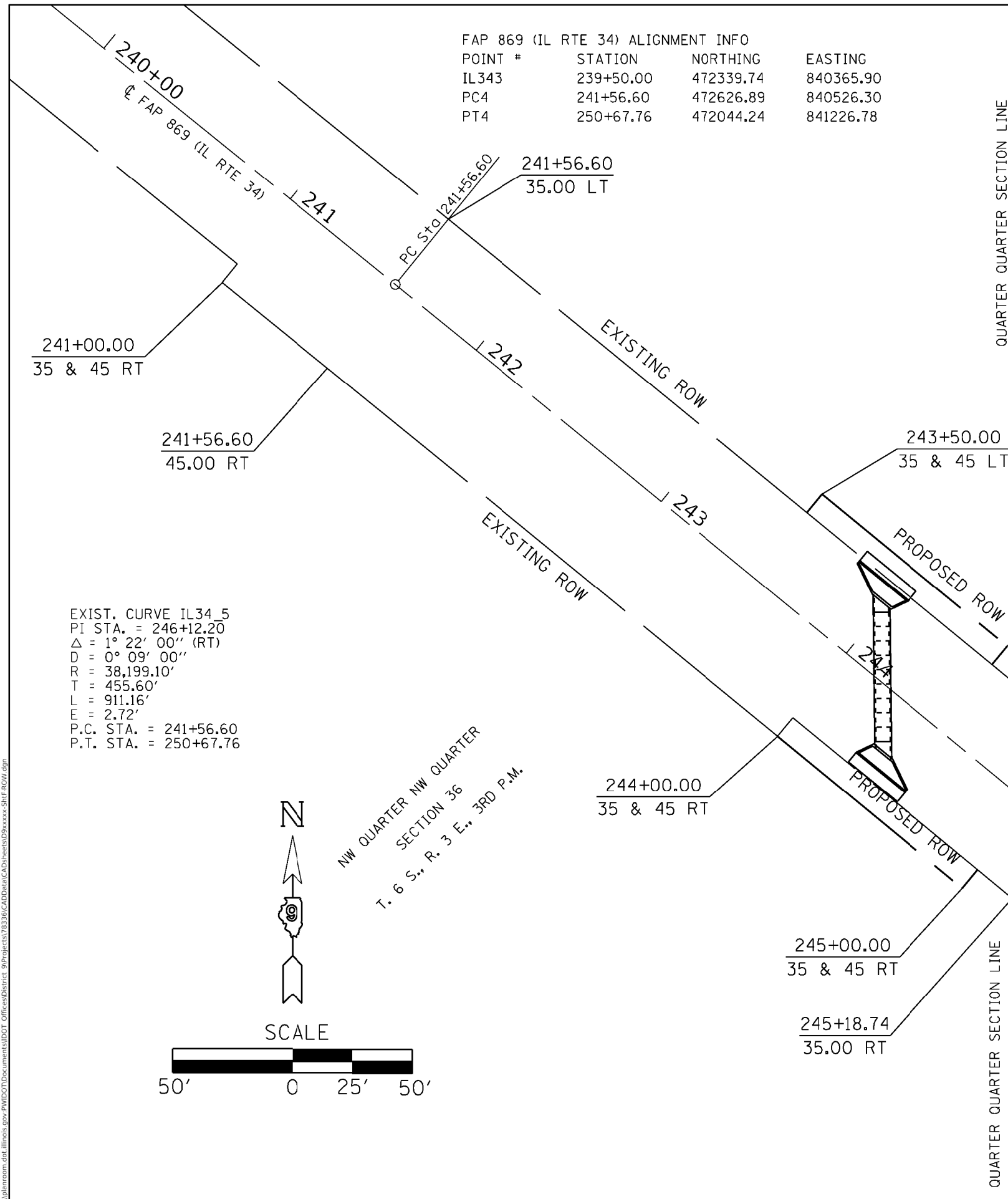
EXIST. CURVE IL34\_5  
PI STA. = 246+12.20  
Δ = 1° 22' 00" (RT)  
D = 0° 09' 00"  
R = 38,199.10'  
T = 455.60'  
L = 911.16'  
E = 2.72'  
P.C. STA. = 241+56.60  
P.T. STA. = 250+67.76



NW QUARTER NW QUARTER  
SECTION 36  
T. 6 S., R. 3 E., 3RD P.M.

NE QUARTER NW QUARTER  
SECTION 36  
T. 6 S., R. 3 E., 3RD P.M.

QUARTER QUARTER SECTION LINE



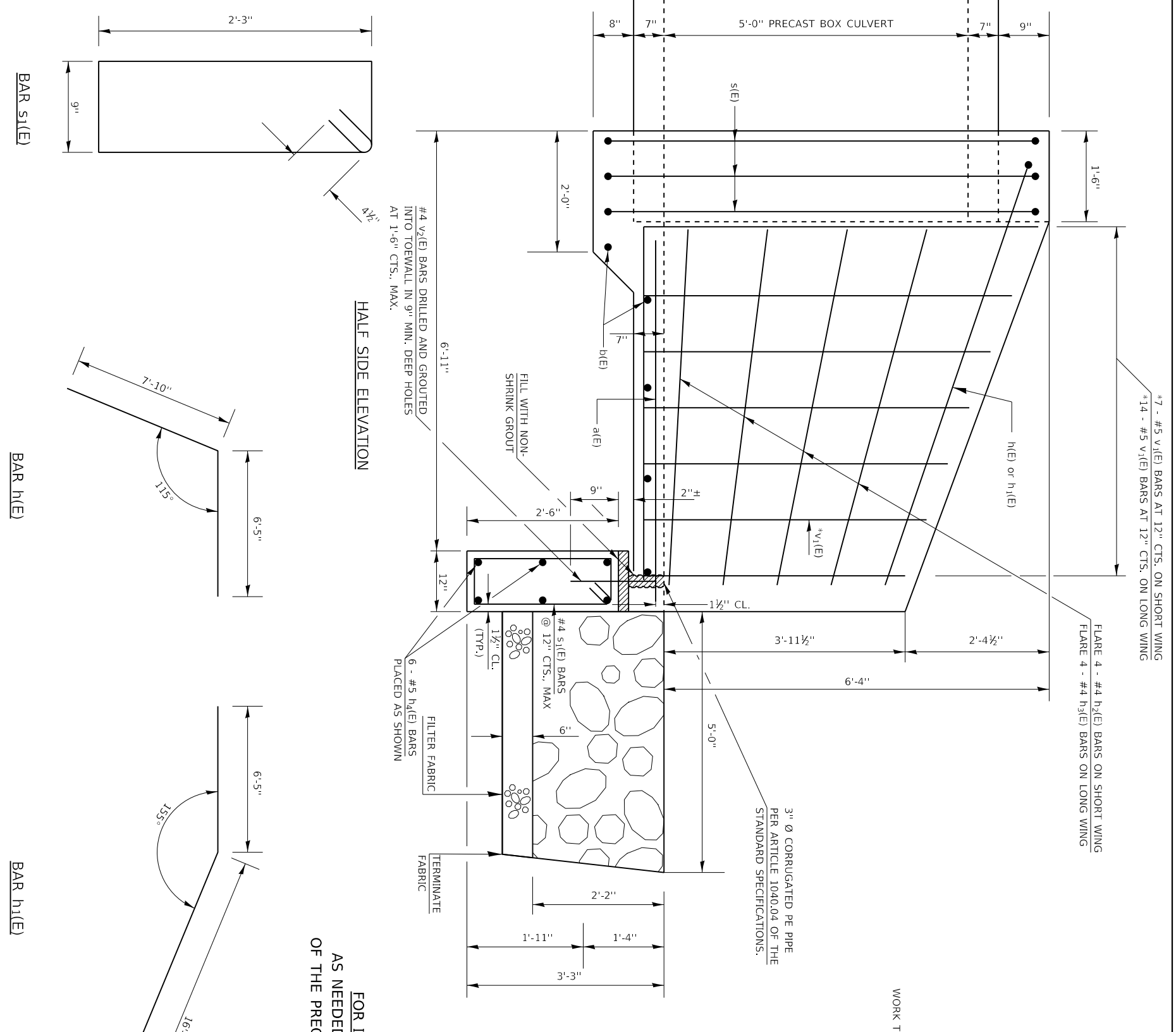
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USER NAME = hobbsjg	DESIGNED - _____	REVISED - _____
DRAWN - _____	REVISIONS - _____	
PLOT SCALE = 50.0000' / in.	CHECKED - _____	REVISIONS - _____
PLOT DATE = 9/29/2020	DATE - _____	REVISIONS - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

RIGHT OF WAY SHEET			
SN028-7029 IL RTE 34			
SCALE: 1" = 50'	SHEET 1	OF 1	SHEETS
STA. 240+00	TO STA. 247+00		

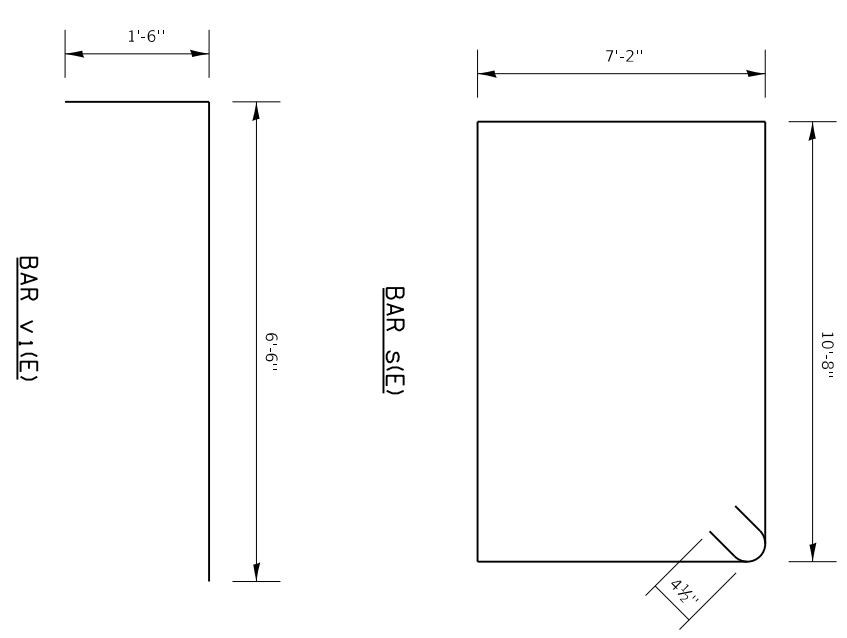
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1018-2	FRANKLIN	_____	_____
CONTRACT NO. 78336				
R-99-008-19 ILLINOIS FED. AID PROJECT				



DESIGN STRESSES  
 f<sub>y</sub> = 60,000 PSI  
 f'<sub>c</sub> = 5,000 PSI

WORK THIS SHEET WITH PAGE 13 OF 14

FOR INFORMATION ONLY  
 AS NEEDED FOR THE FABRICATION  
 OF THE PRECAST APRON END SECTION



**BILL OF MATERIAL - 2 APRONS**

BAR	NO.	SIZE	LENGTH	SHAPE	
a(E)	20	#4	6'-0"	—	
b(E)	10	#4	29'-6"	—	
h <sub>1</sub> (E)	2	#4	14'-3"	—	
h <sub>2</sub> (E)	2	#4	22'-7"	—	
h <sub>2</sub> (E)	8	#4	6'-4"	—	
h <sub>3</sub> (E)	8	#4	13'-10"	—	
h <sub>4</sub> (E)	12	#4	29'-6"	—	
s(E)	6	#4	36'-5"	□	
s <sub>1</sub> (E)	60	#4	6'-9"	□	
v <sub>1</sub> (E)	42	#5	8'-0"	—	
v <sub>2</sub> (E)	40	#4	1'-5"	—	
CONCRETE BOX CULVERTS				CU. YD.	16.6
REINFORCEMENT BARS, EPOXY COATED				POUND	1,480

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.  
 \* CUT OR BEND TO FIT  
 REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A 706.  
 EXPOSED EDGES SHALL BE BEVELED ¾"

APRON END SECTION DETAILS  
 FRANKLIN COUNTY  
 SN 028-7122 (P)

BAR s(E)

BAR h<sub>1</sub>(E)

BAR h<sub>2</sub>(E)

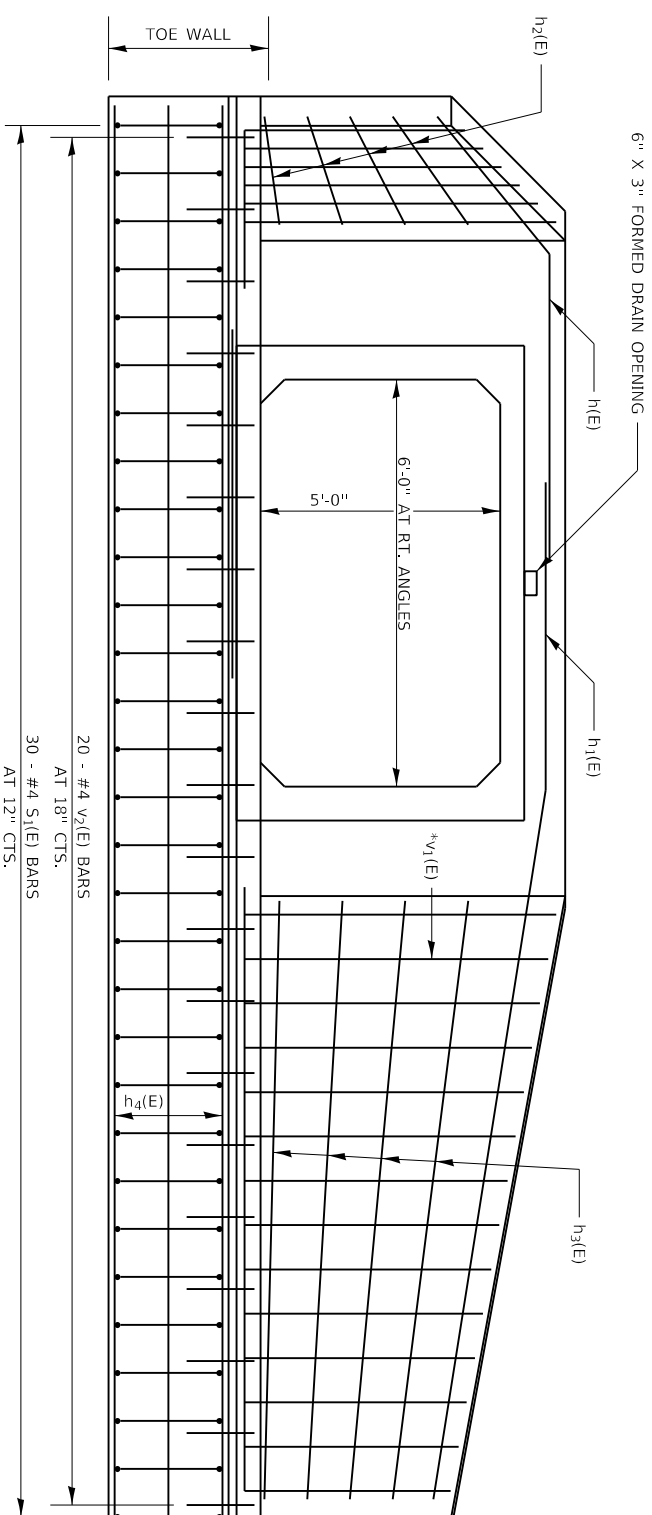
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DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISION	-
REVISION	-
REVISION	-
REVISION	-

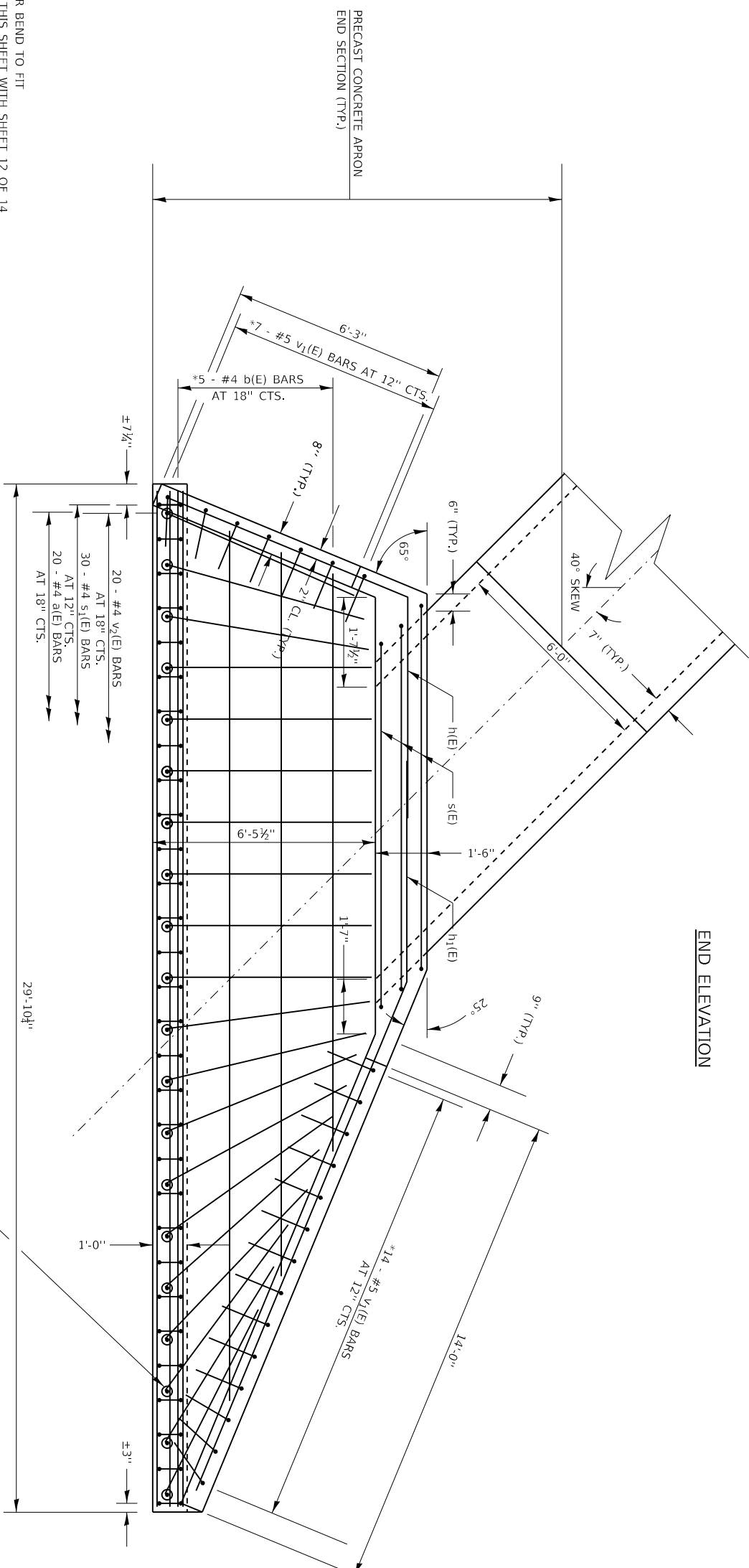
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

APRON END SECTION DETAILS  
 OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
889	101B-2	FRANKLIN	14	12
CONTRACT NO. 78336			ILLINOIS FED. AID PROJECT	



FOR INFORMATION ONLY  
 AS NEEDED FOR THE FABRICATION  
 OF THE PRECAST APRON END SECTION



CUT OR BEND TO FIT  
 WORK THIS SHEET WITH SHEET 12 OF 14

WORK THIS SHEET WITH SHEET 12 OF 14

APRON END SECTION DETAILS  
 FRANKLIN COUNTY  
 SN 028-7122 (P)

USER NAME =	admnsn
DESIGNED -	
DRAWN -	
CHECKED -	
DATE -	

DESIGNED -	
DRAWN -	
CHECKED -	
DATE -	

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

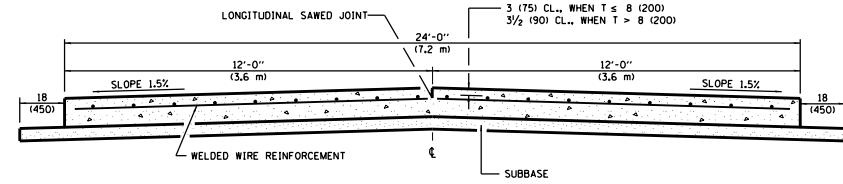
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APRON END SECTION DETAILS

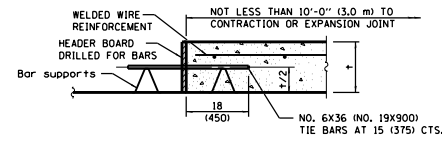
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
889	101B-2	FRANKLIN	14	13

ILLINOIS	FED. AID PROJECT	CONTRACT NO.	78336
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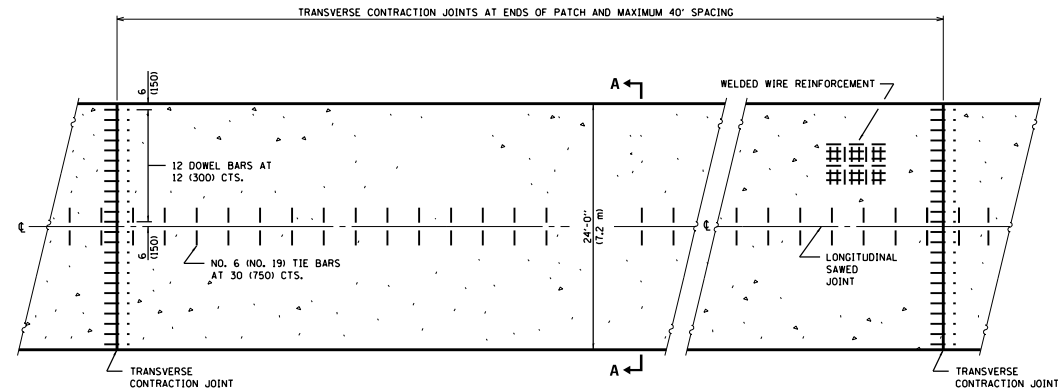
**24' (7.2 m) PCC PAVEMENT  
OVER BOX CULVERT**



**SECTION A-A**  
(TYPICAL 2-LANE WITH SHOULDERS)



**TRANSVERSE CONSTRUCTION JOINT**  
(IF NEEDED PER STANDARD SPECIFICATIONS)



**PLAN**

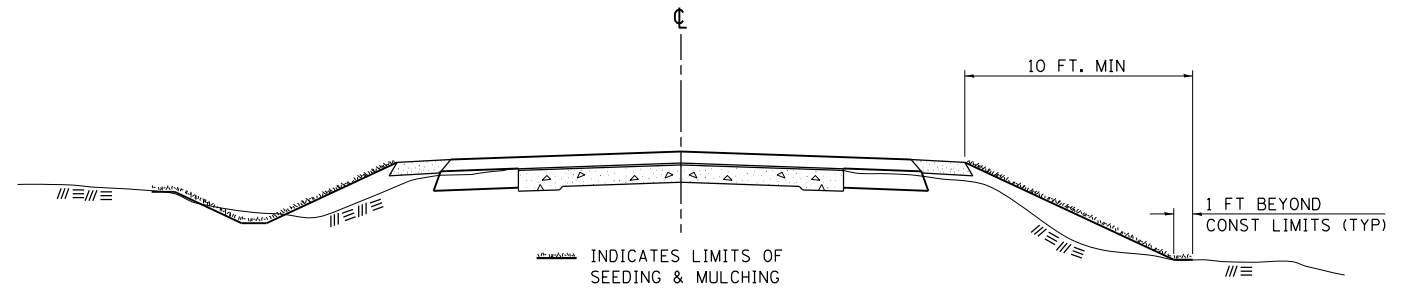
**GENERAL NOTES**  
SEE STANDARD 420001 FOR DETAILS NOT SHOWN.  
SEE STANDARD 420701 FOR WELDED WIRE REINFORCEMENT DETAILS.  
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.  
ACTUAL DIMENSIONS TO MATCH FIELD CONDITIONS AND CONSTRUCTION METHODS.

**REVISIONS**

DRAWN	11-9-17
REVISED	7-23-18

STD. 9-25

**SEEDING & MULCHING**



**GENERAL NOTES**

IN GENERAL, ALL EARTH SURFACES DISTURBED DURING CONSTRUCTION OPERATIONS SHALL BE SEEDED AND MULCHED UPON COMPLETION OF ALL GRADING OPERATIONS.

ON DETOUR ROADS, SLOPES SHALL BE SEEDED IMMEDIATELY UPON COMPLETION OF ANY GIVEN STAGE GRADING. TEMPORARY SEEDED SHALL BE CLASS 7.

FERTILIZER NUTRIENTS SHALL BE APPLIED TO ALL SEEDED AREAS. LIMESTONE SHALL BE APPLIED TO ALL AREAS OF FINAL SEEDED.

THE RATES OF APPLICATION OF FERTILIZER, MULCH AND LIMESTONE SHALL BE AS SPECIFIED IN THE SPECIAL PROVISIONS FOR ROAD AND BRIDGE CONSTRUCTION.

SECTIONS 250 AND 251 OF THE STANDARD SPECIFICATIONS SHALL GOVERN THIS WORK EXCEPT AS SPECIFIED HEREIN OR AS NOTED IN THE SPECIAL PROVISIONS.

**REVISIONS**

REDRAWN	2-15-89
REVISED	8-15-94
REVISED	6-3-99
REVISED	3-27-08
REVISED	5-16-13

STD. 9-12

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USER NAME = adamsam	DESIGNED - _____	REVISED - _____
PLOT SCALE = 100.0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 10/7/2020	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT STANDARDS**

SCALE: \_\_\_\_\_ SHEET \_\_\_\_ OF \_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	1018-2	FRANKLIN	14	14
CONTRACT NO. 78336				
ILLINOIS FED. AID PROJECT				