

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	124CR-2	HAMILTON	14	1
		ILLINOIS	CONTRACT NO. 78805	

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

PROPOSED HIGHWAY PLANS

F.A.P. ROUTE 776 (IL 142)
SECTION 124CR-2
PROJECT STP-020C(971)
BOX CULVERT REPLACEMENT
HAMILTON COUNTY

C-99-078-20

TRAFFIC DATA

2017 ADT = 1,700
WITH 7.1% TRUCKS
SPEED LIMIT = 55 MPH

TOWNSHIP

MAYBERRY

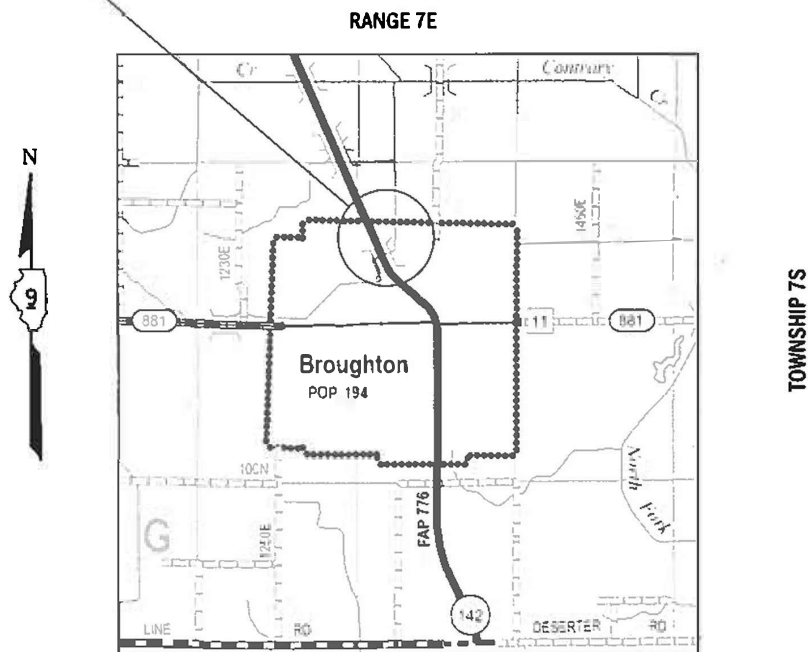
IMPROVEMENT LOCATION
STRUCTURE 033-7024 (E)
STRUCTURE 033-7039 (P)
IL 142 OVER DITCH

COORDINATE SYSTEM: EAST ZONE
POSTED SPEED: 55 MPH

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

PROJECT ENGINEER: MIKE STEPHENSON
PROJECT MANAGER: ADRIAN ADAMS

CONTRACT NO. 78805



GROSS LENGTH = 40.00 FT. = 0.01 MILES
NET LENGTH = 40.00 FT. = 0.01 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 09-24 2020
[Signature]
REGION FIVE ENGINEER

December 4, 2020
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

December 4, 2020
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 13

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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FILE NAME: \\p0101\cadd\project\78805\78805.dwg
USER: adamsm

Prepared By: Charles Stein
DISTRICT STUDIES & PLANS ENGINEER

Examined By: Nancy Hei
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Carrie Nelson
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: Kelley
DISTRICT OPERATIONS ENGINEER

Examined By: [Signature]
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Douglas Russell
DISTRICT CONSTRUCTION ENGINEER

Examined By: [Signature]
DISTRICT MATERIALS ENGINEER

USER NAME = adamsm	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNATURE SHEET	F A P RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100 0000 / 1"	DRAWN - _____	REVISED - _____			776	124CR-2	HAMILTON	14	2
PLOT DATE = 9/10/2020	CHECKED - _____	REVISED - _____			CONTRACT NO. 78805				
DATE - _____	REVISI - _____	REVISI - _____			ILLINOIS FED. AID PROJECT				

SCALE: _____ SHEET _____ OF _____ SHEETS STA _____ TO STA _____

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 | FINAL SECTION |
| 10 | LIMITS OF POROUS GRANULAR EMBANKMENT AND TYPICAL SECTION WITHIN PAVEMENT REMOVAL |
| 11-12 | CAST-IN-PLACE CONCRETE BOX CULVERT APRON END SECTION DETAILS |
| 13 | DETOUR SIGNING PLAN |
| 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 |

REV. - MS

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USER NAME = adamsam	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, COMMITMENTS, INDEX OF SHEETS, AND STANDARDS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN - _____	REVISED - _____			776	124CR-2	FRANKLIN	14	3	
PLOT SCALE = 100.0000' / in.	CHECKED - _____	REVISED - _____			CONTRACT NO. 78805					
PLOT DATE = 10/8/2020	DATE - _____	REVISED - _____			ILLINOIS FED. AID PROJECT					
				SCALE: _____	SHEET ____ OF ____ SHEETS		STA. _____ TO STA. _____			

SUMMARY OF QUANTITIES

	COUNTY	HAMILTON
	ROUTE	IL 142
	FUNDING	80% FED, 20% STATE
	LOCATION	RURAL
CODE NUMBER	UNIT	0004
ITEM DESCRIPTION		
20200100	EARTH EXCAVATION	CU YD 101
20700220	POROUS GRANULAR EMBANKMENT	CU YD 83
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 81
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND 4
28000400	PERIMETER EROSION BARRIER	FOOT 140
28100107	STONE RIPRAP, CLASS A4	SQ YD 46
28200200	FILTER FABRIC	SQ YD 46
42000060	WELDED WIRE REINFORCEMENT	SQ YD 116

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 ILLINOIS DOT
 PROJECT: 78805
 COUNTY: HAMILTON
 SHEETS: 09-78805-Sheets.dgn

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	DRAWN - _____	REVISED - _____
PLOT SCALE = 100.0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 10/12/2020	DATE - _____	REVISED - _____

**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.
776	124CR-2	HAMILTON	14	4
CONTRACT NO. 78805				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES - CONT

COUNTY	HAMILTON
ROUTE	IL 142
FUNDING	80% FED, 20% STATE
LOCATION	RURAL

CODE NUMBER	ITEM DESCRIPTION	UNIT	0004
42000500	PORTLAND CEMENT CONCRETE PAVEMENT 10"	SQ YD	116
44000100	PAVEMENT REMOVAL	SQ YD	116
48300300	PORTLAND CEMENT CONCRETE SHOULDERS 8"	SQ YD	28
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2
54010603	PRECAST CONCRETE BOX CULVERTS 6' X 3'	FOOT	36
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	42
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
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	160

* SPECIALTY ITEM

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PLOT SCALE = 100.0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 10/8/2020	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: _____ SHEET ___ OF ___ SHEETS STA. _____ TO STA. _____

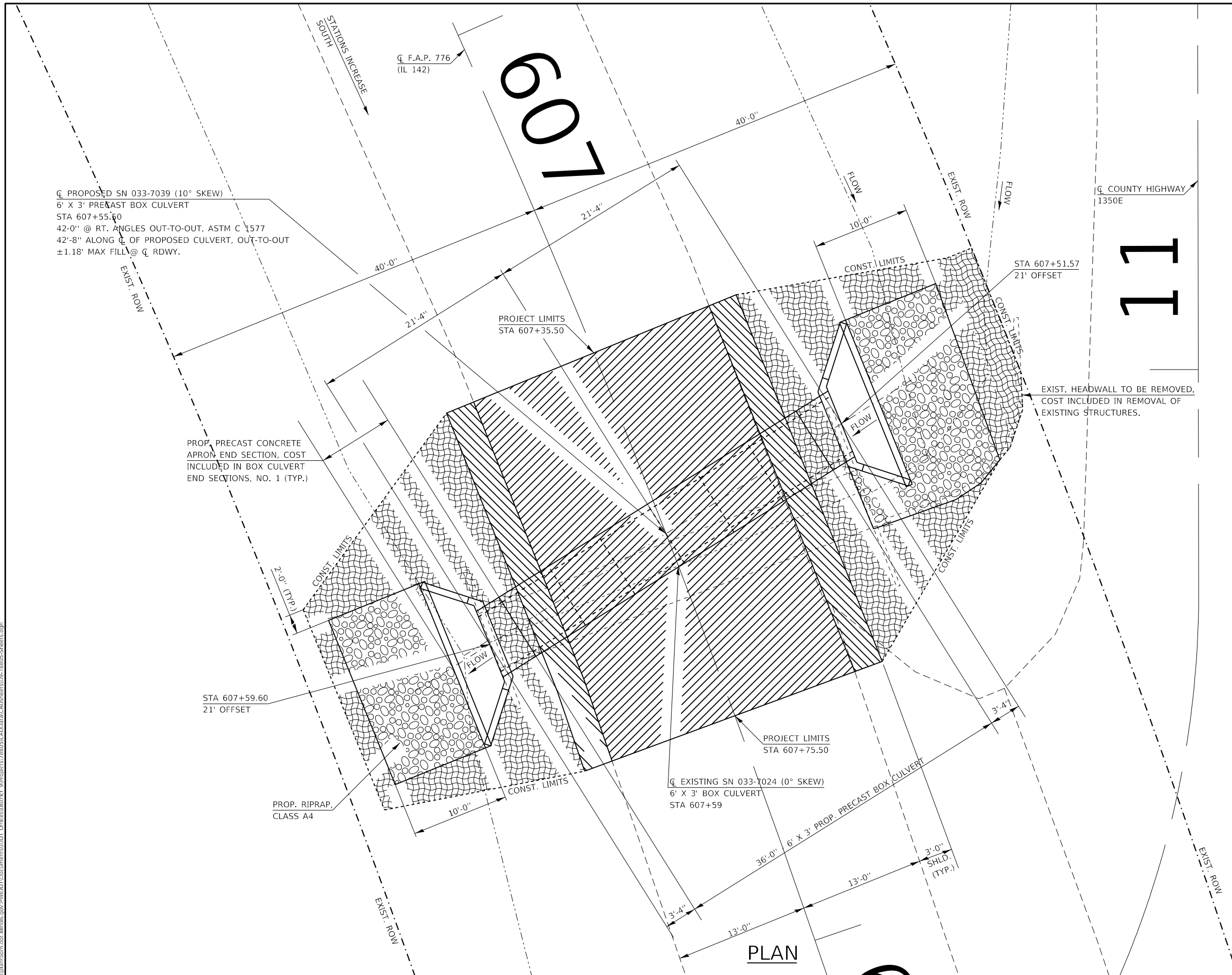
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776	124CR-2	HAMILTON	14	5
CONTRACT NO. 78805				
ILLINOIS FED. AID PROJECT				





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		
607+35.50	LT	TO	607+75.50	LT	58	58	58	14		
607+35.50	RT	TO	607+75.50	RT	58	58	58	14		
TOTALS					116	116	116	28		

PAVEMENT MARKING SCHEDULE										
STATION				NOTES	PAINT PAVEMENT MARKING - LINE					
					SOLID WHITE	SOLID YELLOW				
					FOOT	FOOT				
607+35.50	RT	TO	607+75.50	RT		40				
607+35.50		TO	607+75.50		ALONG CENTERLINE		80			
607+35.50	LT	TO	607+75.50	LT		40				
SUBTOTAL						80	80			
TOTAL						160				

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PLOT SCALE = 100.0000' / in.	DRAWN - _____	REVISED - _____					776	124CR-2	HAMILTON	14	7
PLOT DATE = 10/8/2020	CHECKED - _____	REVISED - _____		SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____			CONTRACT NO. 78805				
	DATE - _____	REVISED - _____		ILLINOIS FED. AID PROJECT							



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

PLAN

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PLOT DATE = 10/8/2020	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

GENERAL PLAN
SN 033-7039 (P)

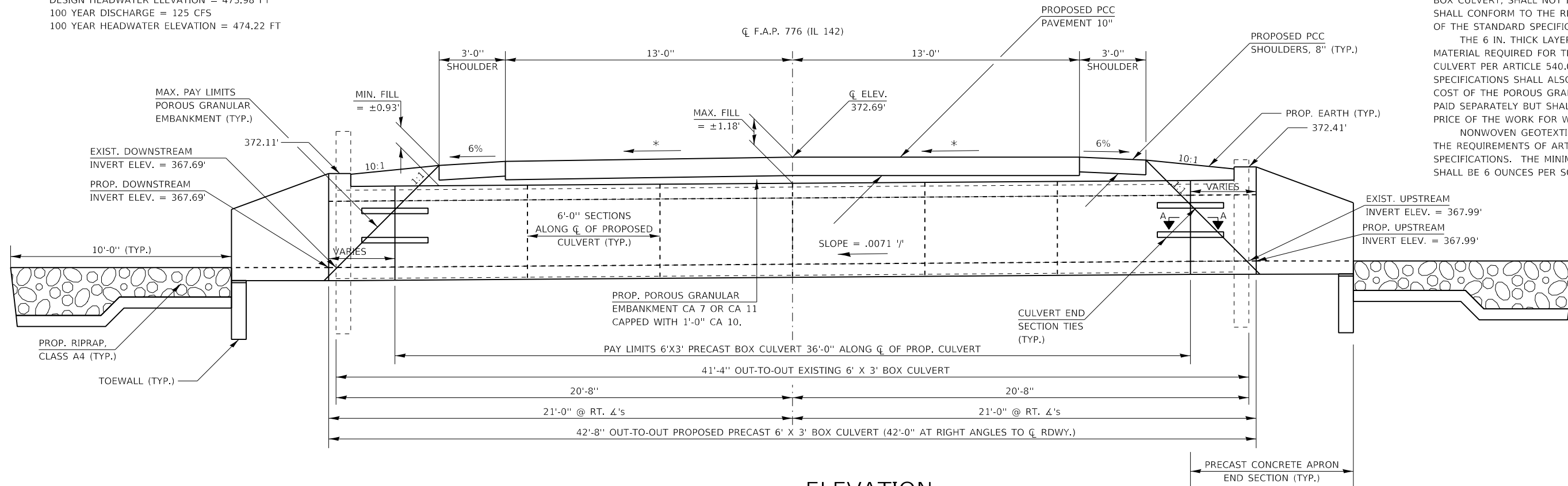
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	124CR-2	HAMILTON	14	8
CONTRACT NO. 78805				
ILLINOIS FED. AID PROJECT				

HYDRAULIC DATA
 DRAINAGE AREA = 0.10 SQ MI
 DESIGN WATERWAY OPENING = 18 SQ FT
 DESIGN DISCHARGE = 107 CFS
 DESIGN HEADWATER ELEVATION = 473.98 FT
 100 YEAR DISCHARGE = 125 CFS
 100 YEAR HEADWATER ELEVATION = 474.22 FT

FINAL SECTION

* MATCH EXISTING SUPERELEVATION
 PRECAST BOX LOADING HL-93.
 ASTM C 1577

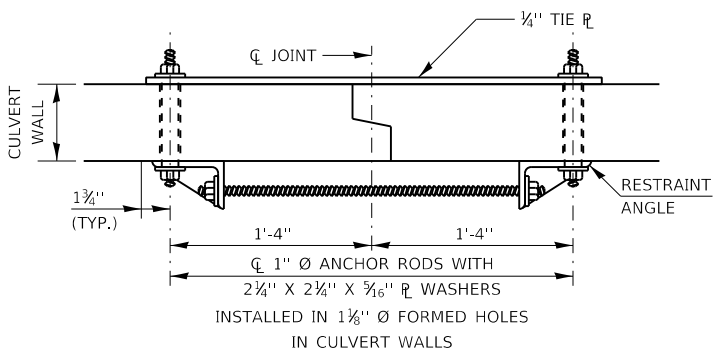
GENERAL NOTES
 DRAIN HOLES SHALL BE PROVIDED ON EXTERIOR CULVERT WALLS FOR EACH PRECAST BOX SEGMENT WITH A CLEAR RISE GREATER THAN 3 FT. THE DRAIN HOLE SHALL BE LOCATED WITHIN 1/3 OF THE CLEAR RISE OF THE BOX CULVERT, SHALL NOT INTERCEPT THE HAUNCH, AND SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE 503.11 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.



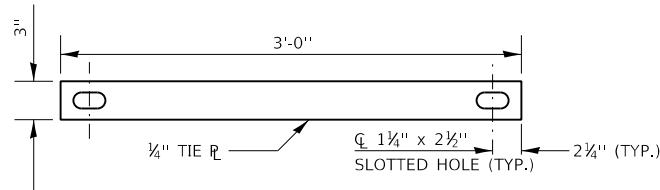
ELEVATION
(LOOKING NORTH)

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.)

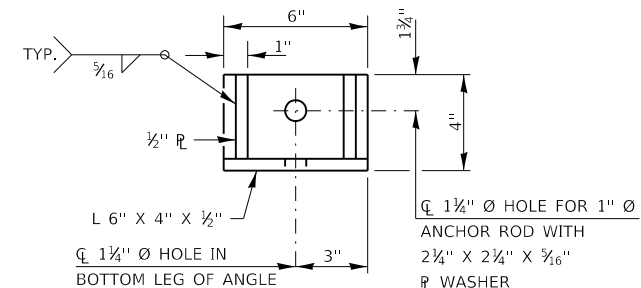
NOTE:
 GEOCOMPOSITE WALL DRAIN SHALL BE ACCORDING TO SECTION 591 OF THE STANDARD SPECIFICATIONS, EXCEPT THAT CONCRETE NAILS SHALL NOT BE USED IN AREAS WHERE IT OVERLAPS MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES.



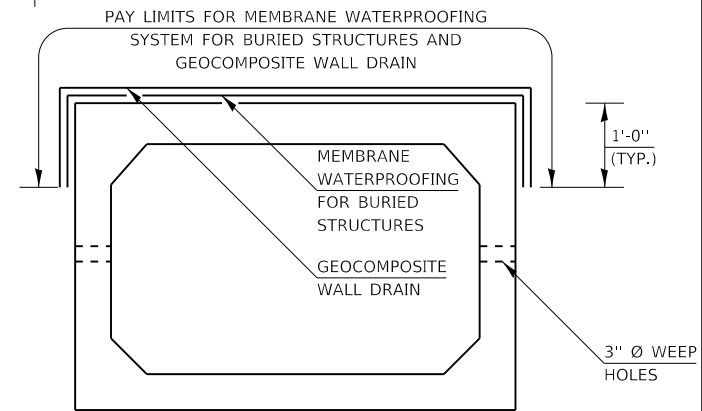
SECTION A-A TIE PLATE DETAIL
(SHOWING END SECTION TIE DETAILS)
NOT TO SCALE



TIE PLATE DETAIL
NOT TO SCALE



RESTRAINT ANGLE DETAIL
NOT TO SCALE



PRECAST CONCRETE BOX CULVERT

PRECAST BOX CULVERT SCHEDULE (ASTM C 1577)							
STATION	SIZE	SKEW	DESIGN FILL (FT.)		PGE BACKFILL REQUIRED		
			MINIMUM	MAXIMUM			
607+51.85 TO 607+59.15	6' X 3'	10°	±0.93'	±1.18'	83 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.

BILL OF MATERIAL		
ITEM	UNIT	QUANTITY
BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2
GEOCOMPOSITE WALL DRAIN	SQ YD	42
MEMBRANE WATERPROOFING FOR BURIED STRUCTURES	SQ YD	42
PRECAST CONCRETE BOX CULVERTS 6' X 5'	FOOT	36

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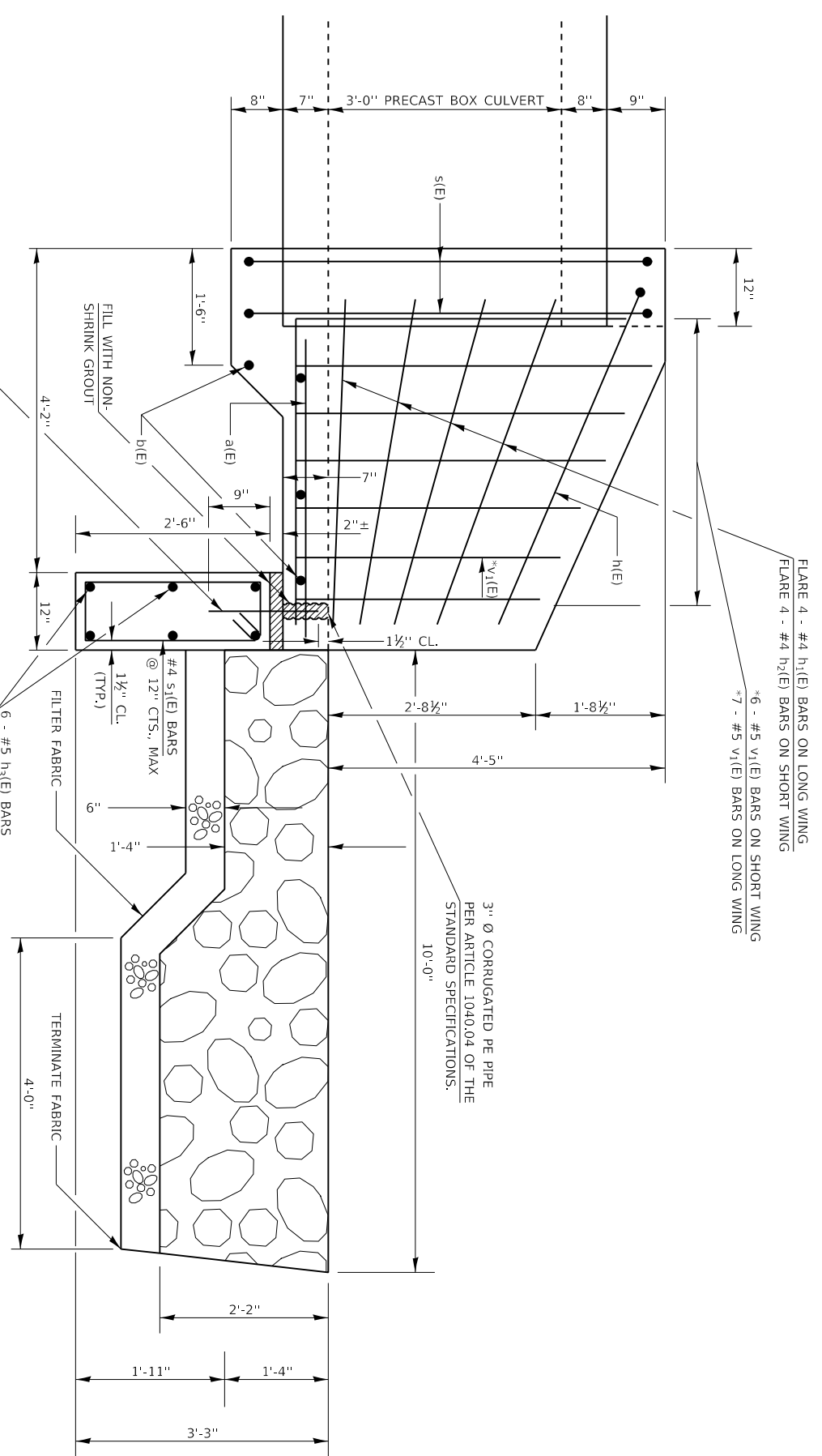
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	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL AND FINAL SECTION
SN 033-7039 (P)

SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	124CR-2	HAMILTON	14	9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78805	



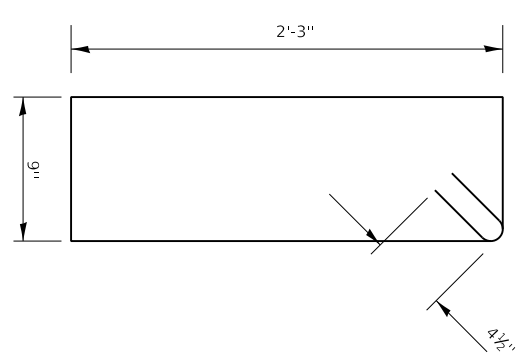
FLARE 4 - #4 h₁(E) BARS ON LONG WING
 FLARE 4 - #4 h₂(E) BARS ON SHORT WING
 *6 - #5 v₁(E) BARS ON SHORT WING
 *7 - #5 v₁(E) BARS ON LONG WING

3" Ø CORRUGATED PE PIPE
 PER ARTICLE 1040.04 OF THE
 STANDARD SPECIFICATIONS.
 10'-0"

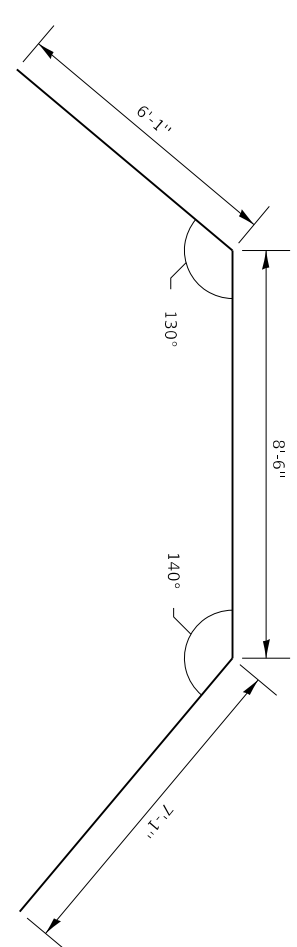
#4 v₂(E) BARS DRILLED AND GROUTED
 INTO TOEWALL IN 9" MIN. DEEP HOLES
 AT 1'-6" CTS., MAX.

HALF SIDE ELEVATION

6 - #5 h₃(E) BARS
 PLACED AS SHOWN



BAR SIDE (E)

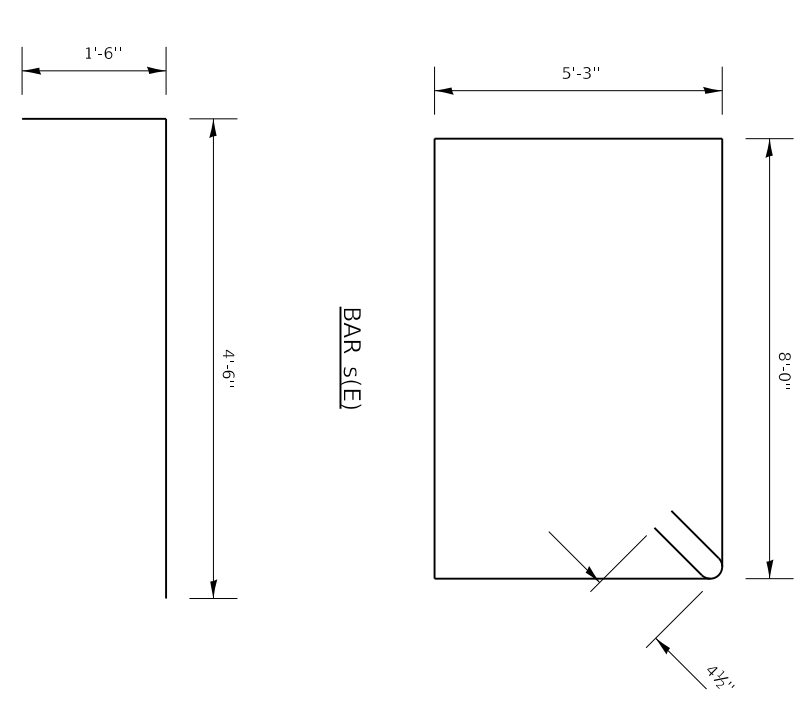


BAR h(E)

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

DESIGN STRESSES
 f_y = 60,000 PSI
 f'_c = 5,000 PSI

WORK THIS SHEET WITH PAGE 12 OF 14



BAR SIDE (E)

BAR v₁(E)

BILL OF MATERIAL - 2 APRONS

BAR NO.	SIZE	LENGTH	SHAPE
a(E)	#4	4'-0"	—
b(E)	#4	17'-10"	—
h(E)	#4	21'-8"	—
h ₁ (E)	#4	7'-1"	—
h ₂ (E)	#4	6'-1"	—
h ₃ (E)	#5	17'-10"	—
s(E)	#4	27'-3"	□
s ₁ (E)	#4	6'-9"	□
v ₁ (E)	#5	6'-0"	—
v ₂ (E)	#4	1'-5"	—
CONCRETE BOX CULVERTS			
REINFORCEMENT BARS, EPOXY COATED			14.6
POUND			910

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 3/8"

APRON END SECTION DETAILS
 HAMILTON COUNTY
 SN 033-7039 (P)

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

REVISION	-
REVISION	-
REVISION	-
REVISION	-

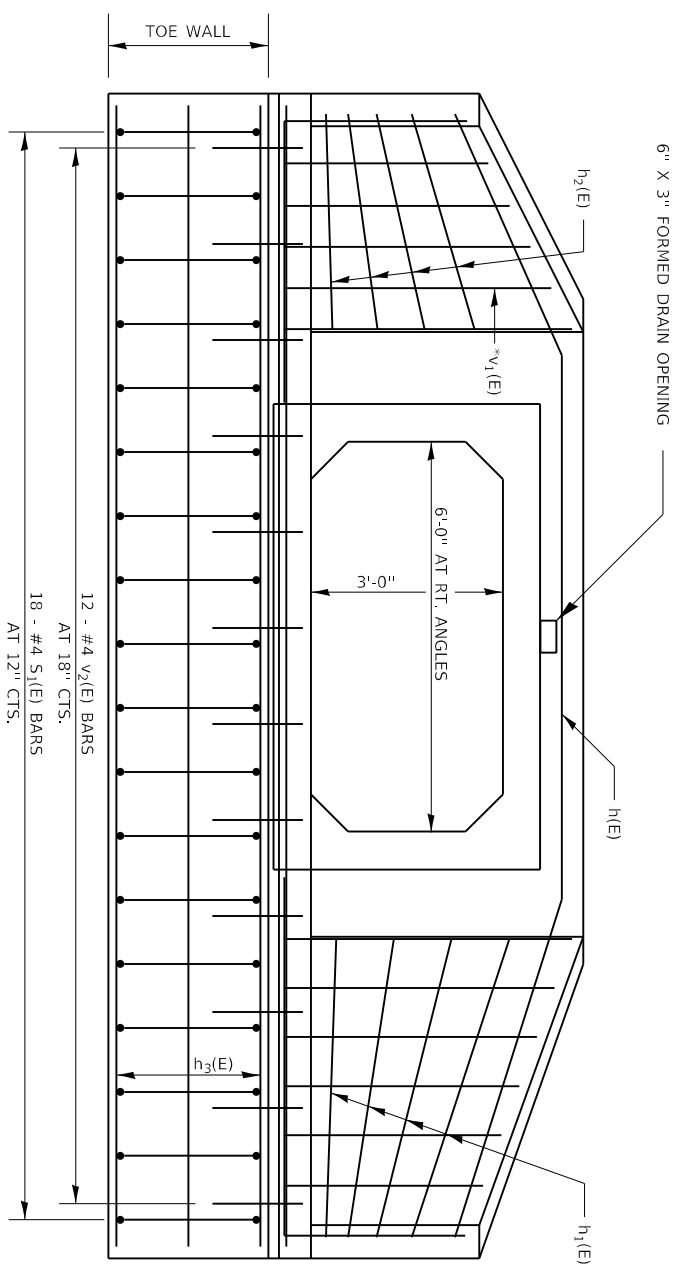
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

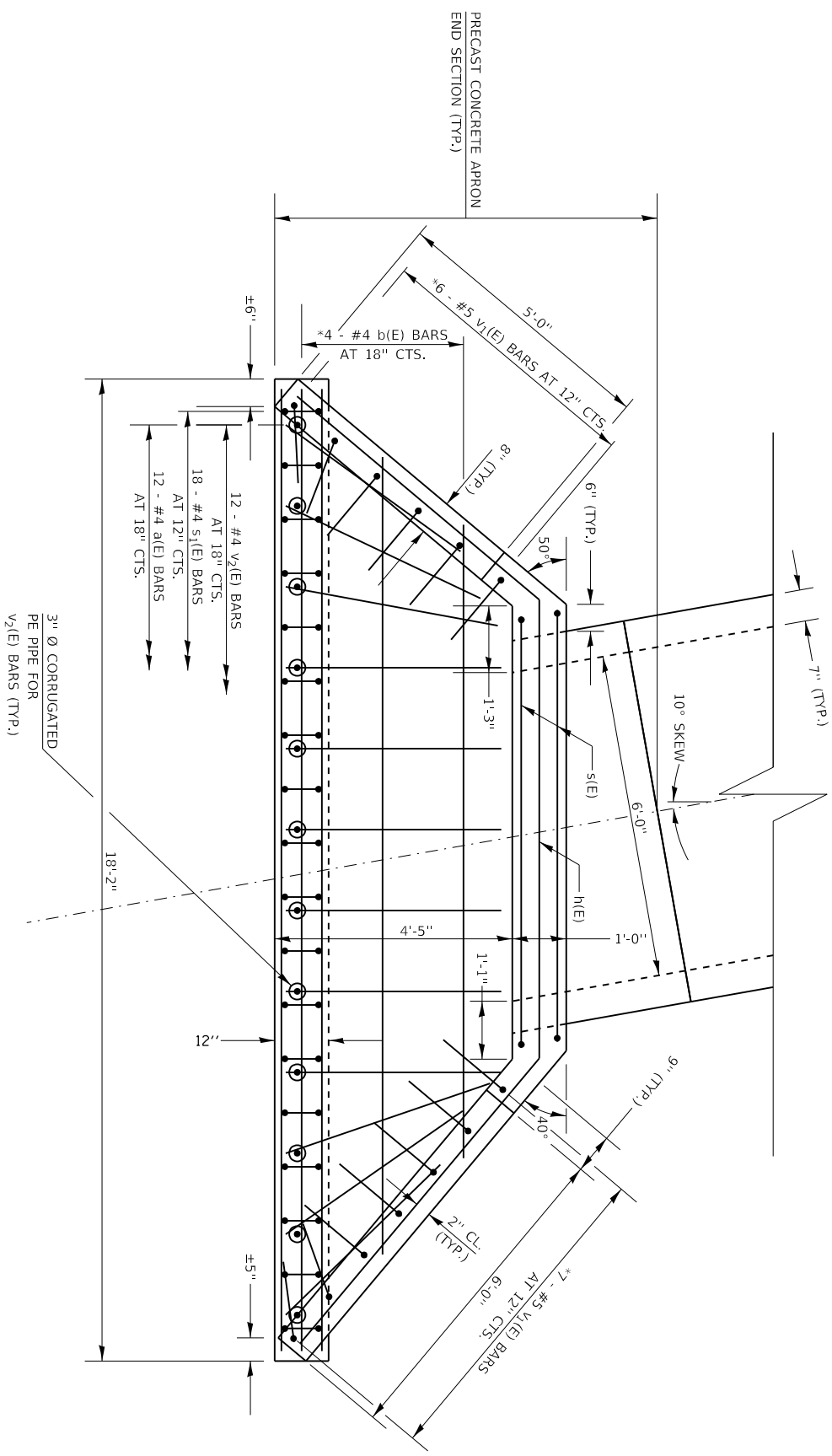
APRON END SECTION DETAILS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
776	124(CR-2)	HAMILTON	14
CONTRACT NO. 78805			11
ILLINOIS FED. AID PROJECT			



END ELEVATION

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



PLAN

WORK THIS SHEET WITH SHEET 11 OF 14

APRON END SECTION DETAILS
 HAMILTON COUNTY
 SN 033-7039 (P)

USER NAME =	admsm
DESIGNED -	-
DRAWN -	-
CHECKED -	-
DATE -	-
REVISIONS	

REVISIONS	
REVISIONS	
REVISIONS	
REVISIONS	

DESIGNED -	-
DRAWN -	-
CHECKED -	-
DATE -	-
REVISIONS	


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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

APRON END SECTION DETAILS
 SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

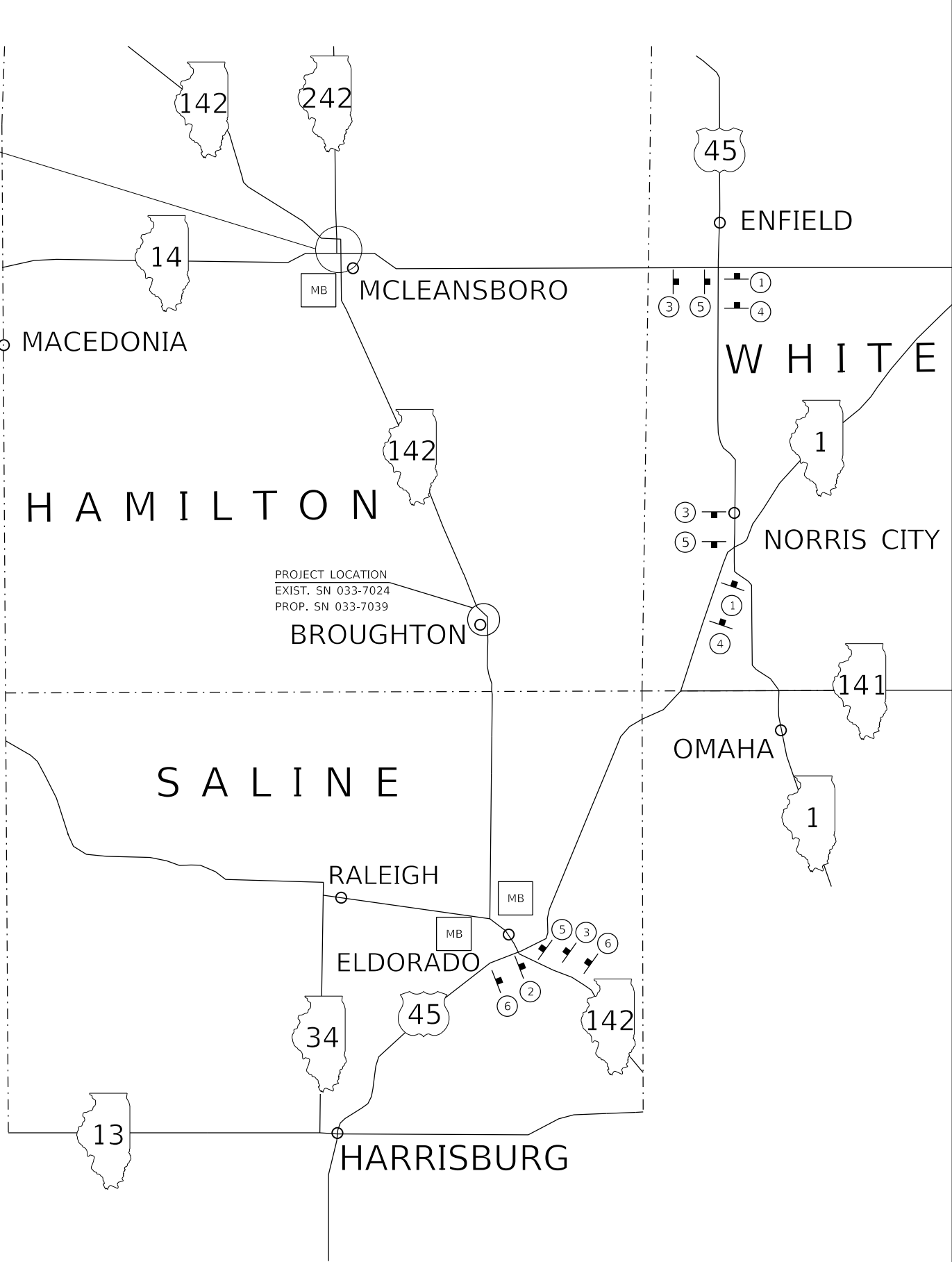
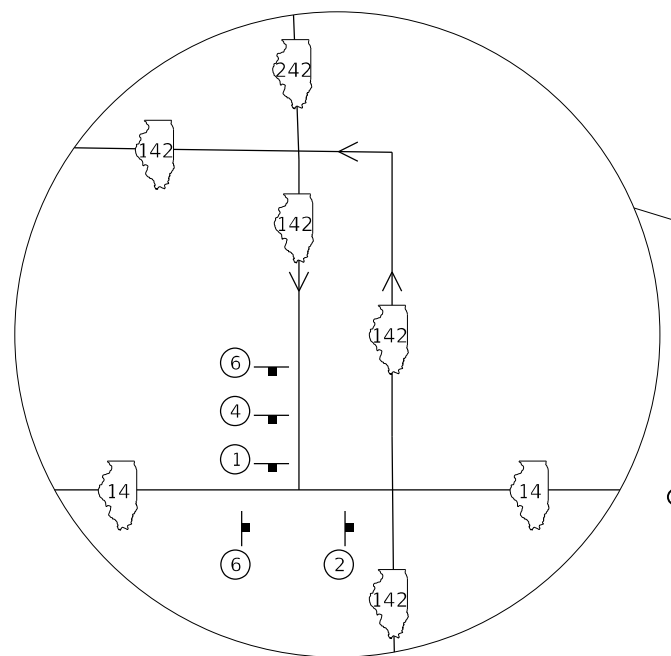
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
776	124CR-2	HAMILTON	14
		CONTRACT NO.	78805
		ILLINOIS FED. AID PROJECT	

SIGN DETAILS








DETOUR	M4-8 24" X 12"
ILLINOIS 142	M1-1100 30" X 24"
	M6-1 21" X 15" M5-1 (RIGHT) M5-1 (LEFT)

MESSAGE BOARDS

MB	3 REQUIRED (2 WEEKS BEFORE CLOSURE)
PRIOR TO CLOSURE	DURING CLOSURE
IL 142 WILL BE CLOSED	IL 142 CLOSED
XX MILES AHEAD	XX MILES AHEAD
DATE TO DATE	LOCAL TRAFFIC ONLY



- NOTES:**
1. THE CONTRACTOR HAS THE OPTION OF USING METAL POSTS INSTEAD OF WOOD.
 2. ALL SIGNS SHALL BE BLACK ON ORANGE. THE POSTS SHALL BE PLACED 12 FEET FROM THE EDGE OF PAVEMENT AS DIRECTED BY THE ENGINEER.
 3. ALL SIGNS AND HARDWARE REQUIRED TO INSTALL THE DETOUR ROUTE SIGNING SHALL BE INCLUDED IN COST OF TRAFFIC CONTROL AND PROTECTION, BLR 21.
 4. SIGNS SHALL BE REMOVED ON COMPLETION OF THE CONTRACT AT THE DIRECTION OF THE ENGINEER. THIS WORK SHALL BE COMPLETED ACCORDING TO SECTION 724. THIS WORK WILL NOT BE PAID FOR. THE SIGNS AND POSTS SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
 5. THE RELOCATING, MAINTENANCE OR REPLACEMENT OF SIGNS SHALL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.
 6. EXACT SIGN PLACEMENT WILL BE DETERMINED BY THE ENGINEER.
 7. THE DISTRICT 9 OPERATIONS ENGINEER SHALL BE CONTACTED 10 DAYS PRIOR TO THE ERECTION OF SIGNS.

- | | | |
|---|---|------------|
|  | W20-2 (FO)
36" X 36" | |
| ① |  | 3 REQUIRED |
| ② |  | 2 REQUIRED |
| ③ |  | 3 REQUIRED |
| ④ |  | 3 REQUIRED |
| ⑤ |  | 3 REQUIRED |
| ⑥ |  | 4 REQUIRED |

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USER NAME = adamsam	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 100.0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 10/8/2020	DATE - _____	REVISED - _____

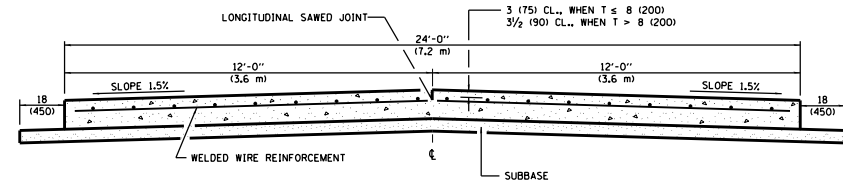
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETOUR SIGNING PLAN

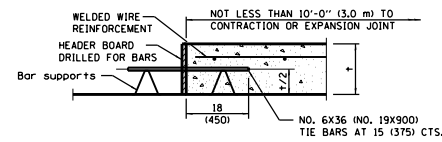
SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	124(CR-2)	HAMILTON	14	13
CONTRACT NO. 78805				
ILLINOIS FED. AID PROJECT				

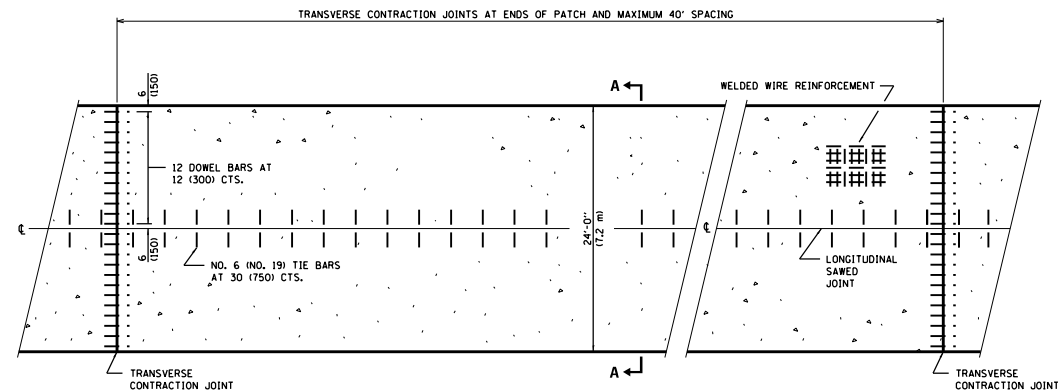
**24' (7.2 m) PCC PAVEMENT
OVER BOX CULVERT**



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



TRANSVERSE CONSTRUCTION JOINT
(IF NEEDED PER STANDARD SPECIFICATIONS)



PLAN

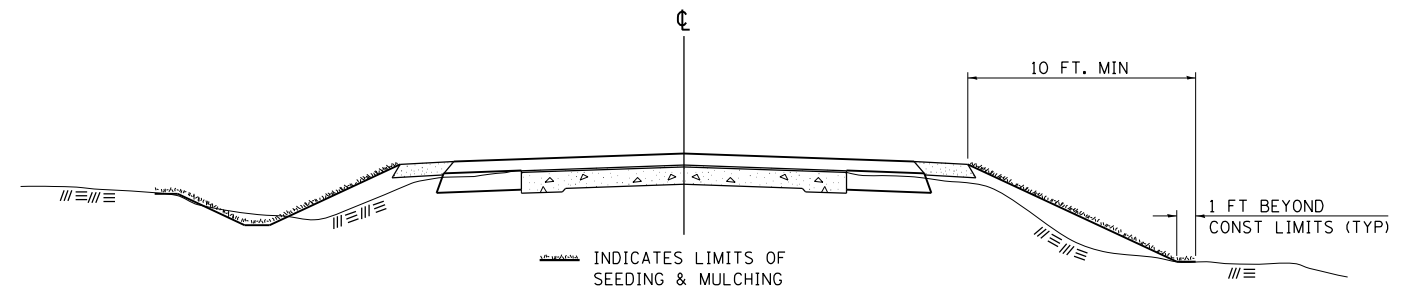
GENERAL NOTES
SEE STANDARD 420001 FOR DETAILS NOT SHOWN.
SEE STANDARD 420701 FOR WELDED WIRE REINFORCEMENT DETAILS.
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
ACTUAL DIMENSIONS TO MATCH FIELD CONDITIONS AND CONSTRUCTION METHODS.

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 = 10/8/2020	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.
776	124(CR-2)	HAMILTON	14	14
CONTRACT NO. 78805				
ILLINOIS FED. AID PROJECT				