

092

04-24-2020 LETTING ITEM 092

F.A.P. DATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
778	(3,4,6)RS-5	HARDIN	25	1
		ILLINOIS	CONTRACT NO. 78759	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 778 (IL 34)
SECTION (3,4,6)RS-5
PROJECT STP-X5NQ (435)
PATCH AND RESURFACE
HARDIN COUNTY

FOR INDEX OF SHEETS, SEE SHEET NO. 3
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 6-8
FOR STRUCTURAL PAVEMENT DESIGN
INFORMATION, SEE SHEET NO. NA

TRAFFIC DATA
SEE SHEET NO. 4

TOWNSHIPS

- GRAND PIER
- WEST MONROE
- STONE CHURCH

DESIGN DESIGNATION : NA
COORDINATE SYSTEM : ILLINOIS EAST
POSTED SPEED : 45 - 55 MPH

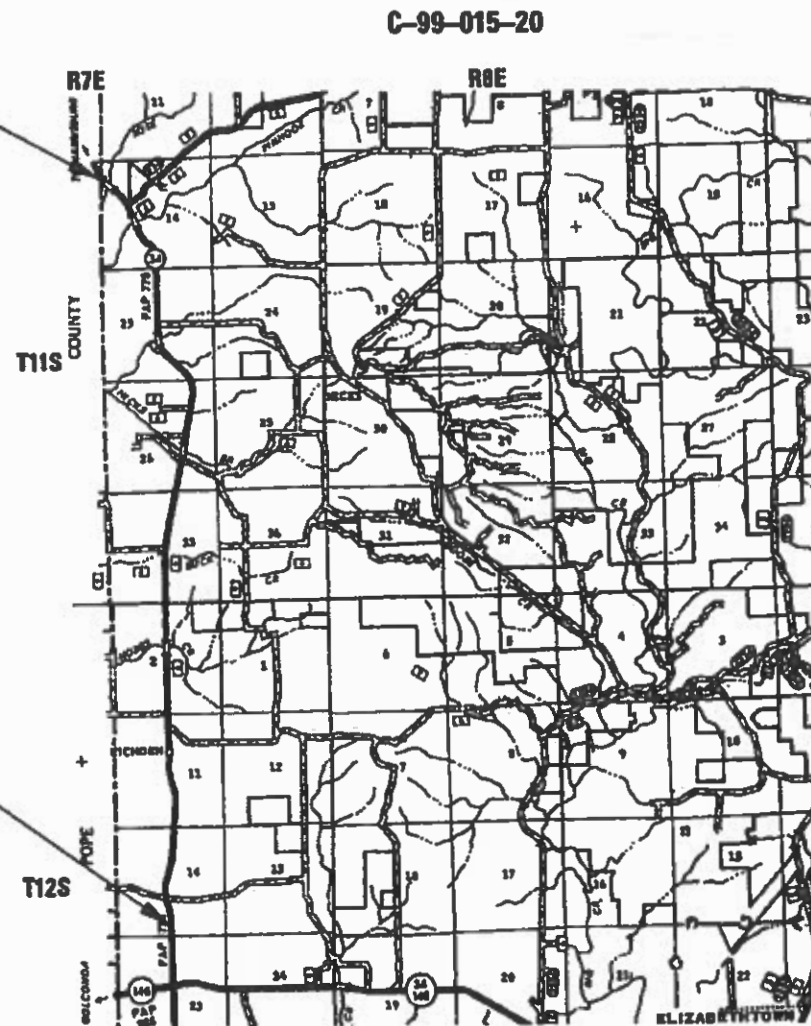
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER VALERIE ROLLA (618)351-5214
PROJECT DESIGNER AESHA JACKSON (618)351-5220

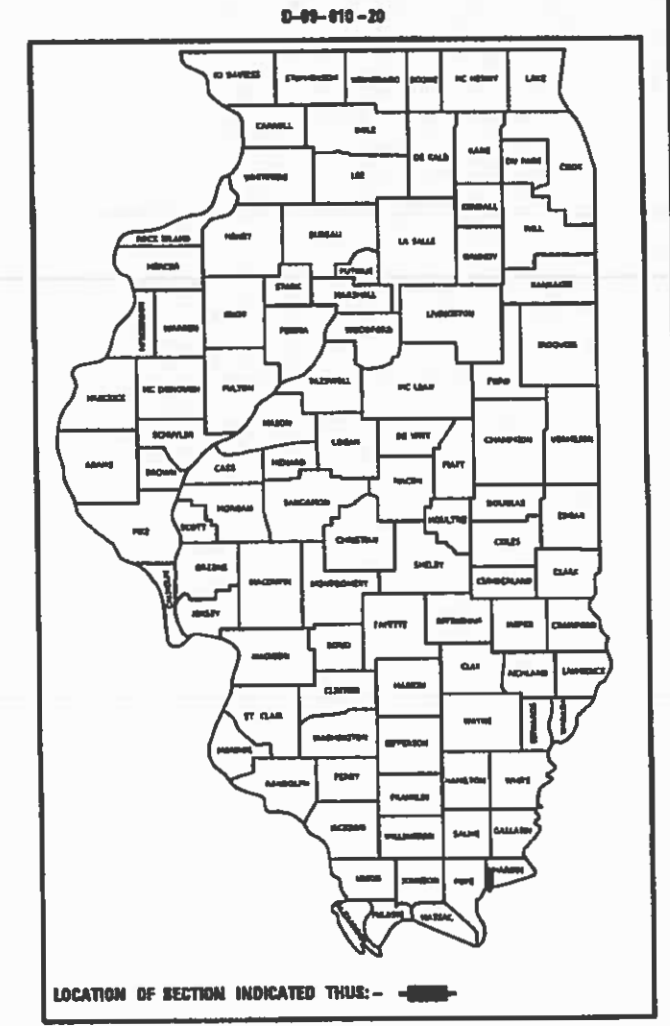
CONTRACT NO. 78759

**PROJECT BEGINS
STA. 778 + 79.60**

**PROJECT ENDS
STA. 1180 + 25.00**



GROSS LENGTH = 39,767.00 FT. = 7.53 MILES
NET LENGTH = 40,145.40 FT. = 7.60 MILES



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 02-05-2020

[Signature]
REGION FIVE ENGINEER

March 20 2020
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

March 20 2020
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS**

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
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2	SIGNATURE SHEET
3	INDEX OF SHEETS, STANDARDS, OMISSIONS, STATION EQUATIONS
4	TRAFFIC DATA, MTD TABLE, MIXTURE DESIGN
5	GENERAL NOTES
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18 - 19	IL 34 SHOULDER RESURFACING SCHEDULE
20 - 21	PAVEMENT MARKING SCHEDULE
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23	BUTT JOINT WITH MILLING DETAIL
24	TEMPORARY HOT-MIX ASPHALT TRANSITIONS
25	UNEVEN LANE SIGN DETAIL AND ROUGH GROVED SURFACE SIGNS AND DETAIL FOR HMA TRANSITION AT CULVERTS (IL 34)

STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
442201-03	CLASS C AND D PATCHES
642006	SHOULDER RUMBLE STRIPS, 8 INCHES
701001-02	OFF ROAD OPERATIONS, 2L, 2W, MORE THAN 15 FT (4.5 M) AWAY
701006-05	OFF ROAD OPERATIONS, 2L, 2W, 15 FT. (4.5M) TO 24 INCHES (600 MM) FROM PAVEMENT EDGE
701011-04	OFF ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS DAY ONLY
701336-07	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS ≥ 45 MPH
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

OMISSIONS

SN 035 - 0004	(STA. 783+07.17 TO STA. 784+43.83)
SN 035 - 0005	(STA. 805+77.00 TO STA. 806+53.00)
SN 035 - 7027	(STA. 813+92.00 TO STA. 814+12.00)
SN 035 - 0006	(STA. 864+23.51 TO STA. 865+16.14)
SN 035 - 7031	(STA. 965+07.07 TO STA. 965+37.70)
SN 035 - 7030	(STA. 974+50.00 TO STA. 975+00.00)
SN 035 - 0008	(STA. 1021+59.33 TO STA. 1022+00.67)

STATION EQUATIONS

STA. EQ. 790+00.00 (BACK)	=	STA. 789+97.80 (AHEAD)
STA. EQ. 798+47.89 (BACK)	=	STA. 798+52.22 (AHEAD)
STA. EQ. 810+00.00 (BACK)	=	STA. 810+06.37 (AHEAD)
STA. EQ. 818+55.20 (BACK)	=	STA. 818+48.05 (AHEAD)
STA. EQ. 829+92.39 (BACK)	=	STA. 829+85.24 (AHEAD)
STA. EQ. 830+22.50 (BACK)	=	STA. 830+06.00 (AHEAD)
STA. EQ. 872+81.01 (BACK)	=	STA. 872+78.52 (AHEAD)
STA. EQ. 901+82.30 (BACK)	=	STA. 901+83.70 (AHEAD)
STA. EQ. 935+00.00 (BACK)	=	STA. 934+98.45 (AHEAD)
STA. EQ. 980+85.60 (BACK)	=	STA. 980+87.83 (AHEAD)
STA. EQ. 1000+30.00 (BACK)	=	STA. 1000+34.84 (AHEAD)
STA. EQ. 1010+80.70 (BACK)	=	STA. 1010+87.92 (AHEAD)
STA. EQ. 1026+00.00 (BACK)	=	STA. 1025+90.40 (AHEAD)
STA. EQ. 1058+20.19 (BACK)	=	STA. 1058+16.17 (AHEAD)
STA. EQ. 1066+71.70 (BACK)	=	STA. 1066+83.55 (AHEAD)
STA. EQ. 1083+49.80 (BACK)	=	STA. 1083+53.03 (AHEAD)
STA. EQ. 1095+92.10 (BACK)	=	STA. 1095+90.43 (AHEAD)
STA. EQ. 1124+83.60 (BACK)	=	STA. 1124+85.69 (AHEAD)
STA. EQ. 1141+43.80 (BACK)	=	STA. 1141+41.96 (AHEAD)
STA. EQ. 1157+62.10 (BACK)	=	STA. 1157+03.72 (AHEAD)

REV-SEP

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DRAWN -	REVISOR -	778			(3,4,6)RS-5	HARDIN	25	3			
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISOR -			CONTRACT NO. 78759						
PLOT DATE = 2/6/2020	DATE -	REVISOR -			ILLINOIS FED. AID PROJECT						
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TRAFFIC DATA

IL 34 (FAP 778)	LOC A:	LOC B:	LOC C:
M.P.	(0.0-0.40)	(0.40-6.95)	(6.95-7.76)
(2020)			
PV =	1,515	1,210	1,290
SU =	100	80	50
MU =	255	280	250
ADT =	1,870	1,570	1,620
(2040)			
PV =	1,845	1,470	1,570
SU =	125	100	60
MU =	310	340	340
ADT =	2,280	1,910	1,970

MIXTURE DESIGN

Locations	Hot-Mix Asphalt Surface Course
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N70
AC/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5mm
Friction Aggregate:	C Surface
Mixture Weight:	112 lbs./Sq. Yd/in
Quality Management Program:	PFP
Sublot Size:	TBD

MTD CROSSING RESTRICTIONS TABLE

SN & CENTERLINE STATION ROUTE (IL 34)	EXISTING FILL HEIGHT OVER BOX CULVERT	THICKNESS OF EXISTING PAVEMENT OVER BOX CULVERT	MTD CROSSING RESTRICTIONS (MAX GROSS WEIGHT RESTRICTIONS (TON))
	FOOT	FOOT	
SN 035-0004 (STA. 783+80)	N/A		EMPTY MTD (40 TON)
SN 035-0005 (STA. 806+15)	N/A		EMPTY MTD (40 TON)
SN 035-7027 (STA. 814+12)	3.3	16"	NO MTD ALLOWED
SN 035-7026 (STA. 820+04)	1.5	16"	NO MTD ALLOWED
SN 035-0006 (STA. 864+70)	N/A		EMPTY MTD (40 TON)
SN 035-7025 (STA. 880+36)	1.5		EMPTY MTD (23 TON)
SN 035-2001 (STA. 929+85)	5	16"	EMPTY MTD (40 TON)
SN 035-2004 (STA. 970+55)	1.3	16"	NO MTD ALLOWED
SN 035-0008 (STA. 1021+80)	N/A		EMPTY MTD (40 TON)
SN 035-7015 (STA. 1137+35)	1	16"	EMPTY MTD (24 TON)
SN 035-7016 (STA. 1148+89.60)	1.1	16"	NO MTD ALLOWED

Locations	Hot-Mix Asphalt Binder Course and Pavement Patching
Mixture Use(s):	Hot-Mix Asphalt Binder Course, N70, IL-19.0
AC/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-19.0
Friction Aggregate:	None
Mixture Weight:	112 lbs./Sq. Yd/in
Quality Management Program:	QCQA – Pavement Patching PFP – Hot-Mix Asphalt Binder Course
Sublot Size:	TBD

Locations	Hot-Mix Asphalt Shoulders
Mixture Use(s):	Hot-Mix Asphalt Surface Course, N30, IL-9.5L
AC/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 30 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5L
Friction Aggregate:	None
Mixture Weight:	112 lbs./Sq. Yd/in
Quality Management Program:	QCQA
Sublot Size:	NA

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DRAWN -	REVISED -	778				(3,4,6)RS-5	HARDIN	25	4	
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 78759		
PLOT DATE = 2/6/2020	DATE -	REVISED -								

GENERAL NOTES

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT MIX ASPHALT 2.016 TONS/CU. YD.
 ALL AGGREGATE.....2.05 TONS/CU. YD.

THE THICKNESS OF HOT MIX ASPHALT MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT MIX ASPHALT MIXTURE IS PLACED.

THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE HMA SURFACE REMOVAL, BINDER COURSE, AND SURFACE COURSE

HMA RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THE CENTERLINE EDGE IS EXPOSED TO TRAFFIC. WHEN AT THE END OF A DAY'S OPERATION THE EXPOSED CENTERLINE IS GREATER THAN 2,000 FT, THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE ADJACENT LANE ON THE FOLLOWING WORK DAY. PRIOR TO WINTER SHUTDOWN, RESURFACING LANES IS TO BE BROUGHT UP TO THE SAME ELEVATION.

THE CONTRACTOR SHALL STAMP STATIONING IN THE PROPOSED HOT MIX ASPHALT SURFACE AT 300 FT INTERVALS ON ALTERNATING SIDES OF THE PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5 1/2 IN. TALL, OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

EXISTING PIPE UNDERDRAIN OUTLETS IN THE FORESLOPES OR MEDIAN SLOPES SHALL BE PRESERVED AND PROTECTED DURING CONSTRUCTION. ANY DAMAGE TO AN UNDERDRAIN OUTLET RESULTING FROM CONSTRUCTION ACTIVITY SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

COMMITMENTS: NONE

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		DRAWN -	REVISED -									
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	PLOT DATE = 2/6/2020	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
CONTRACT NO. 78759												

SUMMARY OF QUANTITIES

	80% FED 20% STATE
COUNTY:	HARDIN CO
ROUTE:	IL 34 (FAP 778)
FUNDING:	STP
LOCATION:	RURAL
	ROADWAY
	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	78,432
40600990	TEMPORARY RAMP	SQ YD	224
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	13,442
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	8,968
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	211
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	106,952
44200192	PAVEMENT PATCHING, TYPE II, 16 INCH	SQ YD	535
44200196	PAVEMENT PATCHING, TYPE III, 16 INCH	SQ YD	36
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	898
48203100	HOT-MIX ASPHALT SHOULDERS	TON	1,224
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	13,535
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4

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SUMMARY OF QUANTITIES - CONT'D

80% FED 20% STATE

COUNTY: **HARDIN CO**
 ROUTE: **IL 34 (FAP 778)**
 FUNDING: **STP**
 LOCATION: **RURAL**
ROADWAY
0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
67100100	MOBILIZATION	L SUM	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28
70300100	SHORT TERM PAVEMENT MARKING	FOOT	12,075
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	4,032
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	143,757
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	143,757
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	515
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	515
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	47,926
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	39,767

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SUMMARY OF QUANTITIES - CONT'D

80% FED 20% STATE

COUNTY:	HARDIN CO
ROUTE:	IL 34 (FAP 778)
FUNDING:	STP
LOCATION:	RURAL
	ROADWAY
	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	
Z0034105	MATERIAL TRANSFER DEVICE	TON	22,410

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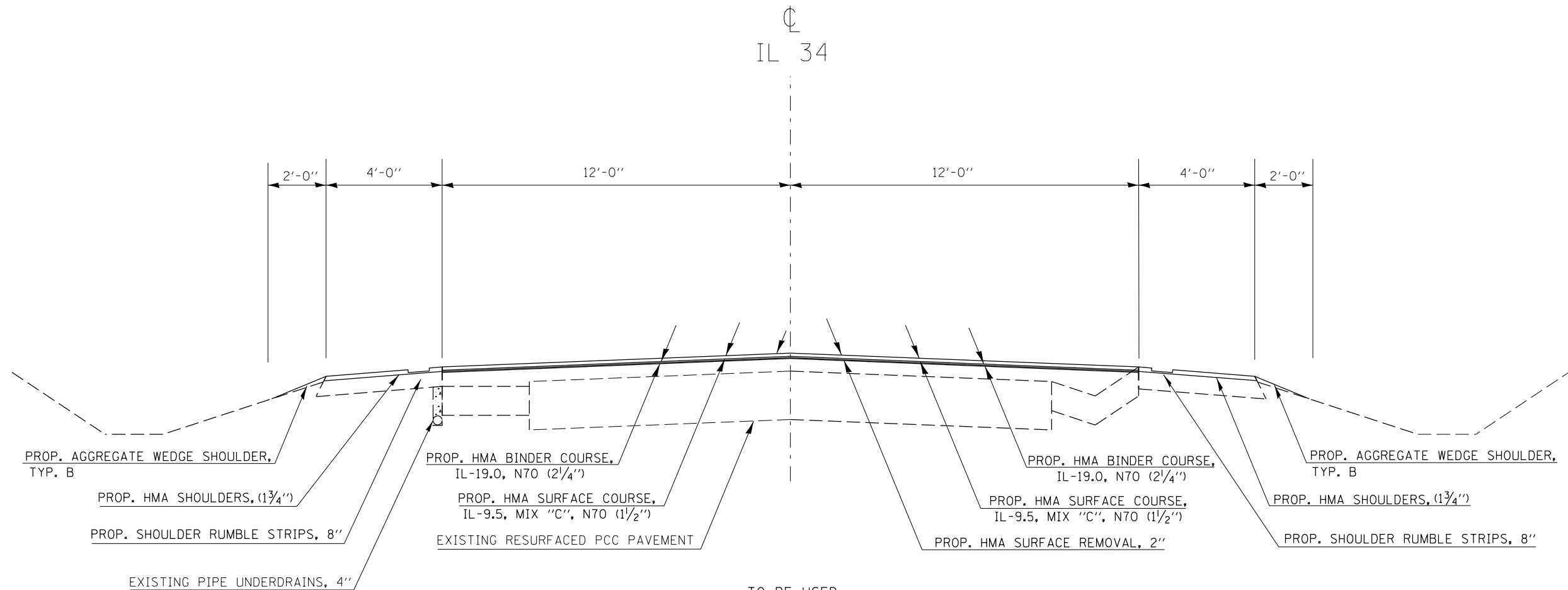
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
778	(3,4,6)RS-5	HARDIN	25	8
CONTRACT NO. 78759			ILLINOIS FED. AID PROJECT	

TYPICAL SECTION



TO BE USED:

STA. 778+79.60 TO STA. 783+07.17
 STA. 784+43.83 TO STA. 790+00.00
 STA. EQ. 790+00.00 (BK) = STA. 789+97.80 (AH)
 STA. 789+97.80 TO STA. 798+47.89
 STA. EQ. 798+47.89 (BK) = STA. 798+52.22 (AH)
 STA. 798+52.22 TO STA. 804+55.00
 STA. 804+95.00 TO STA. 805+77.00
 STA. 806+53.00 TO STA. 807+40.00
 STA. 807+80.00 TO STA. 810+00.00
 STA. EQ. 810+00.00 (BK) = STA. 810+06.37 (AH)
 STA. 810+06.37 TO STA. 813+92.00
 STA. 814+12.00 TO STA. 818+55.20
 STA. EQ. 818+55.20 (BK) = STA. 818+48.05 (AH)
 STA. 818+48.05 TO STA. 829+92.39
 STA. EQ. 829+92.39 (BK) = STA. 829+85.24 (AH)
 STA. 829+85.24 TO STA. 830+22.50
 STA. EQ. 830+22.50 (BK) = STA. 830+06.00 (AH)
 STA. 830+06.00 TO STA. 864+23.51
 STA. 865+16.14 TO STA. 872+81.01
 STA. EQ. 872+81.01 (BK) = STA. 872+78.52 (AH)
 STA. 872+78.52 TO STA. 901+82.30
 STA. EQ. 901+82.30 (BK) = STA. 901+83.70 (AH)
 STA. 901+83.70 TO STA. 904+28.00
 STA. 1020+80.00 TO STA. 1021+59.33
 STA. 1022+00.67 TO STA. 1022+80.00

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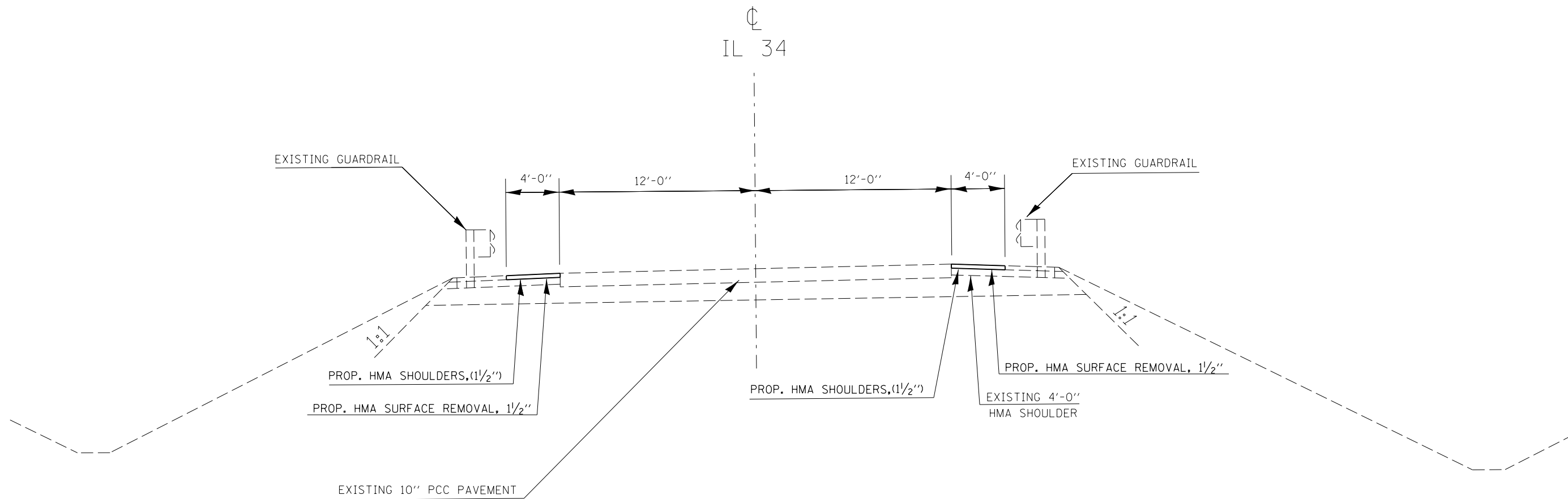
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
778	(3,4,6)RS-5	HARDIN	25	9
CONTRACT NO. 78759				
ILLINOIS FED. AID PROJECT				

TYPICAL SECTION AT APPROACH PAVEMENT



TO BE USED:

- STA. 783+07.17 TO STA. 783+36.61 (SN 035-0004)
- STA. 784+23.83 TO STA. 784+43.83 (SN 035-0004)
- STA. 864+23.51 TO STA. 864+43.51 (SN 035-0006)
- STA. 864+96.14 TO STA. 865+16.14 (SN 035-0006)

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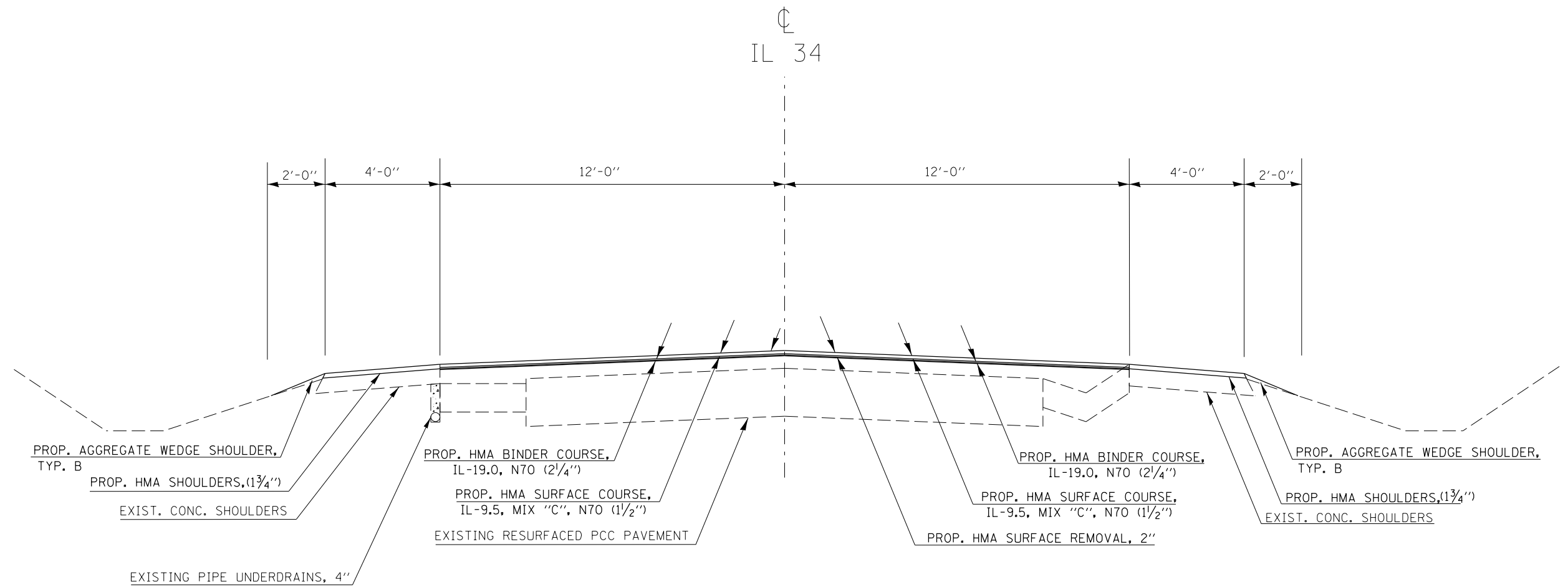
STATE OF ILLINOIS
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TYPICAL SECTION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
778	(3,4,6)RS-5	HARDIN	25	10
CONTRACT NO. 78759				
ILLINOIS FED. AID PROJECT				

TYPICAL SECTION



TO BE USED:

- STA. 804+55.00 TO STA. 804+95.00 (CONC. SLAB SHOULDERS)
- STA. 807+40.00 TO STA. 807+80.00 (CONC. SLAB SHOULDERS)
- STA. 1020+40.00 TO STA. 1020+80.00 (CONC. SLAB SHOULDERS)
- STA. 1022+80.00 TO STA. 1023+20.00 (CONC. SLAB SHOULDERS)

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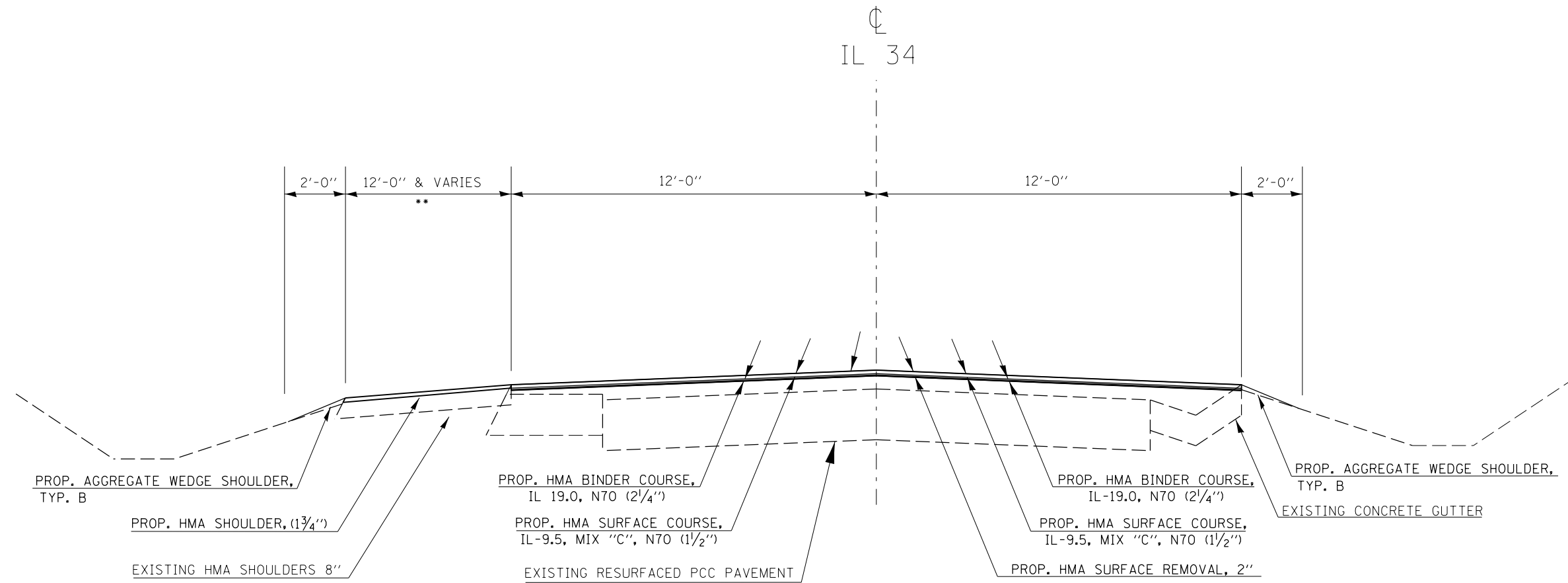
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TYPICAL SECTION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
778	(3,4,6)RS-5	HARDIN	25	11
CONTRACT NO. 78759				
ILLINOIS FED. AID PROJECT				

TYPICAL SECTION



TO BE USED:
STA. 1170+45.00 TO STA. 1180+05.00

**SEE PAGE 14 FOR TEMPORARY WEIGHING STATION DETAILS

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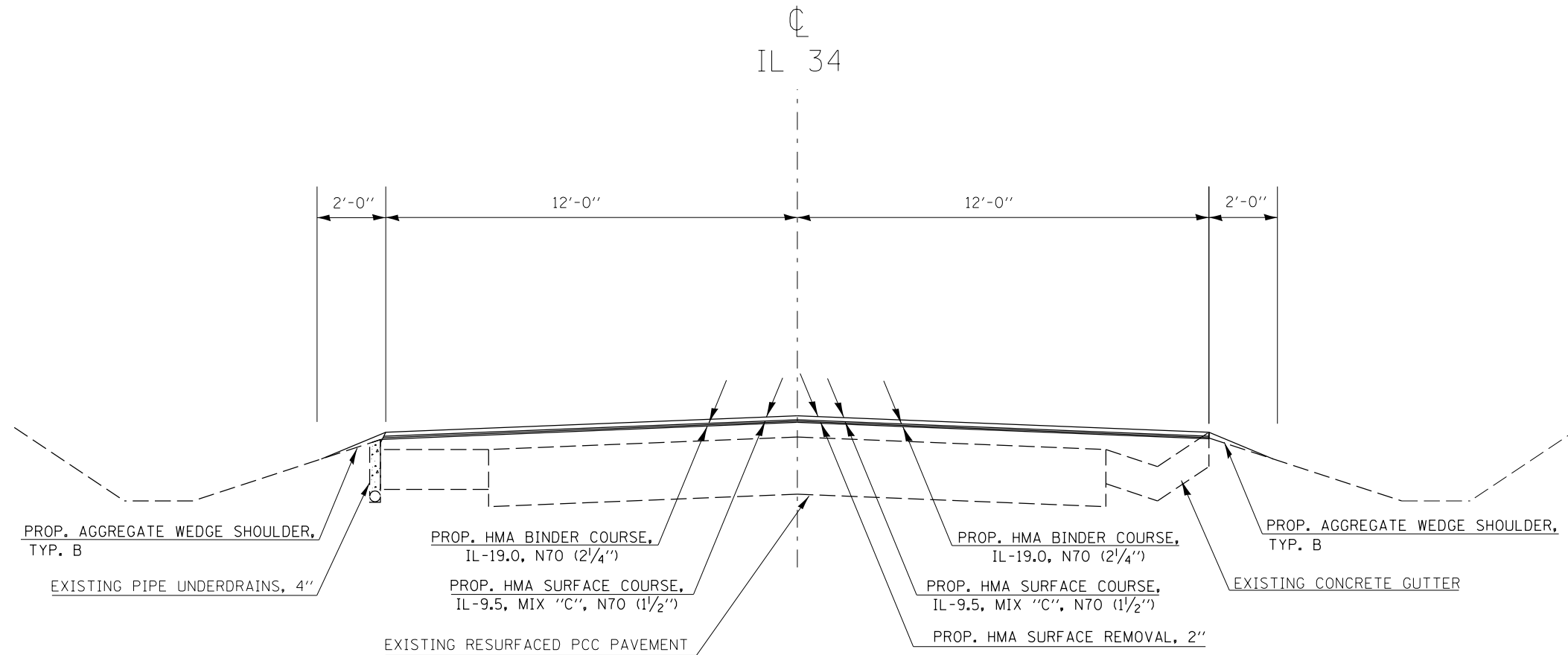
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PLOT DATE = 2/6/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTION	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 778	SECTION (3,4,6)RS-5	COUNTY HARDIN	TOTAL SHEETS 25	SHEET NO. 12
CONTRACT NO. 78759				
ILLINOIS FED. AID PROJECT				

TYPICAL SECTION



TO BE USED:

- STA. 904+28.00 TO STA. 935+00.00
- STA. EQ. 935+00.00 (BK) = STA. 934+98.45 (AH)
- STA. 934+98.45 TO STA. 965+07.07
- STA. 965+37.07 TO STA. 974+50.00
- STA. 975+00.00 TO STA. 980+85.60
- STA. EQ. 980+85.60 (BK) = STA. 980+87.83 (AH)
- STA. 980+87.83 TO STA. 1000+30.00
- STA. EQ. 1000+30.00 (BK) = STA. 1000+34.84 (AH)
- STA. 1000+34.84 TO STA. 1010+80.70
- STA. EQ. 1010+80.70 (BK) = STA. 1010+87.92 (AH)
- STA. 1010+87.92 TO STA. 1020+40.00
- STA. 1023+20.00 TO STA. 1026+00.00
- STA. EQ. 1026+00.00 (BK) = STA. 1025+90.40 (AH)
- STA. 1025+90.40 TO STA. 1058+20.19
- STA. EQ. 1058+20.19 (BK) = STA. 1058+16.17 (AH)
- STA. 1058+16.17 TO STA. 1066+71.70
- STA. EQ. 1066+71.70 (BK) = STA. 1066+83.55 (AH)
- STA. 1066+83.55 TO STA. 1083+49.80
- STA. EQ. 1083+49.80 (BK) = STA. 1083+53.03 (AH)
- STA. 1083+53.03 TO STA. 1095+92.10
- STA. EQ. 1095+92.10 (BK) = STA. 1095+90.43 (AH)
- STA. 1095+90.43 TO STA. 1124+83.60
- STA. EQ. 1124+83.60 (BK) = STA. 1124+85.69 (AH)
- STA. 1124+85.69 TO STA. 1141+43.80
- STA. EQ. 1141+43.80 (BK) = STA. 1141+41.96 (AH)
- STA. 1141+41.96 TO STA. 1157+62.10
- STA. EQ. 1157+62.10 (BK) = STA. 1157+03.72 (AH)
- STA. 1157+03.72 TO STA. 1170+45.00
- STA. 1180+05.00 TO STA. 1180+25.00

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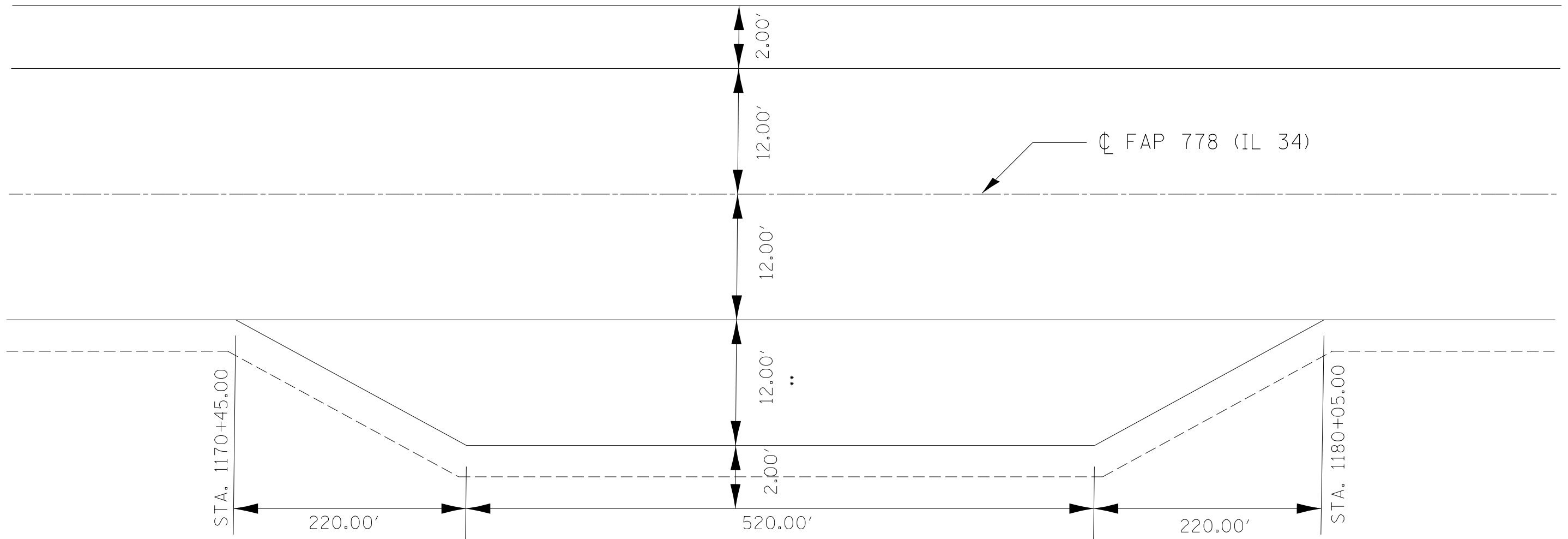
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
778	(3,4,6)RS-5	HARDIN	25	13
CONTRACT NO. 78759				
ILLINOIS FED. AID PROJECT				

DETAIL FOR TEMPORARY WEIGHING STATION



TO BE USED:
STA. 1170+45.00 TO STA. 1180+05.00

**SEE PAGE 12 FOR TYPICAL SECTION

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

DETAILS FOR TEMPORARY WEIGHING STATION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 778	SECTION (3,4,6)RS-5	COUNTY HARDIN	TOTAL SHEETS 25	SHEET NO. 14
CONTRACT NO. 78759			ILLINOIS FED. AID PROJECT	

IL 34 MAINLINE RESURFACING SCHEDULE

LOCATION STATION TO STATION	LENGTH		ROADWAY WIDTH		TEMP RAMP	HMA SUR. REMOV., 2"	HOT-MIX ASP. SUR. CSE., MIX C, N70 (1 1/2")	HOT-MIX ASPH. BINDER CSE,N70 (2 1/4")	BIT. MAT. (TACK COAT)	LONGITUNDINAL JOINT SEALANT *
	FOR INFORMATIONAL PURPOSE ONLY									
	(FT)	(FT)	(SQ YD)	(SQ YD)						
MAINLINE: STA. 778+79.60 TO STA. 1010+80.70										
778+79.60	TO	783+07.17	428	24	28	1,141	97	144	770	428
OMIT SN 035 - 0004 (STA. 783+07.17 TO STA. 784+43.83)										
784+43.83	TO	790+00.00	556	24	14	1,484	126	187	1,002	556
STA. EQ. 790+00.00 (BACK) = STA. 789+97.80 (AHEAD)										
789+97.80	TO	798+47.89	850	24		2,267	192	286	1,531	850
STA. EQ. 798+47.89 (BACK) = STA. 798+52.22 (AHEAD)										
798+52.22	TO	805+77.00	725	24	14	1,933	164	244	1,305	725
OMIT SN 035 - 0005 (STA. 805+77.00 TO STA. 806+53.00)										
806+53.00	TO	810+00.00	347	24	14	926	79	117	625	347
STA. EQ. 810+00.00 (BACK) = STA. 810+06.37 (AHEAD)										
810+06.37	TO	813+92.00	386	24	14	1,029	87	130	695	386
OMIT SN 035 - 7027 (STA. 813+92.00 TO STA. 814+12.00)										
814+12.00	TO	818+55.20	443	24	14	1,182	100	149	798	443
STA. EQ. 818+55.20 (BACK) = STA. 818+48.05 (AHEAD)										
818+48.05	TO	829+92.39	1,144	24		3,052	258	385	2,060	1,144
STA. EQ. 829+92.39 (BACK) = STA. 829+85.24 (AHEAD)										
829+85.24	TO	830+22.50	37	24		100	9	13	68	37
STA. EQ. 830+22.50 (BACK) = STA. 830+06.00 (AHEAD)										
830+06.00	TO	864+23.51	3,418	24	14	9,114	770	1,149	6,152	3,418
OMIT SN 035 - 0006 (STA. 864+23.51 TO STA. 865+16.14)										
865+16.14	TO	872+81.01	765	24	14	2,040	173	257	1,377	765
STA. EQ. 872+81.01 (BACK) = STA. 872+78.52 (AHEAD)										
872+78.52	TO	901+82.30	2,904	24	14	7,744	654	976	5,227	2,904
STA. EQ. 901+82.30 (BACK) = STA. 901+83.70 (AHEAD)										
901+83.70	TO	935+00.00	3,316	24		8,844	747	1,123	5,970	3,316
STA. EQ. 935+00.00 (BACK) = STA. 934+98.45 (AHEAD)										
934+98.45	TO	965+07.07	3,009	24	14	8,023	678	1,019	5,416	3,009
OMIT SN 035 - 7031 (STA. 965+07.07 TO STA. 965+37.70)										
965+37.70	TO	974+50.00	912	24	14	2,433	206	309	1,643	912
OMIT SN 035 - 7030 (STA. 974+50.00 TO STA. 975+00.00)										
975+00.00	TO	980+85.60	586	24	14	1,562	132	199	1,055	586
STA. EQ. 980+85.60 (BACK) = STA. 980+87.83 (AHEAD)										
980+87.83	TO	1000+30.00	1,942	24		5,180	438	658	3,496	1,942
STA. EQ. 1000+30.00 (BACK) = STA. 1000+34.84 (AHEAD)										
1000+34.84	TO	1010+80.70	1,046	24		2,789	236	355	1,883	1,046
MAINLINE SUBTOTAL:					182	60,843	5,146	7,700	41,073	22,814

* USE UNDER SURFACE LIFT

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 34 MAINLINE RESURFACING SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
778	(3,4,6)RS-5	HARDIN	25	15
CONTRACT NO. 78759				
ILLINOIS FED. AID PROJECT				

IL 34 MAINLINE RESURFACING SCHEDULE - CONT'D

LOCATION STATION TO STATION	LENGTH		ROADWAY WIDTH		TEMP RAMP	HMA SUR. REMOV. 2"	HOT-MIX ASP. SUR. CSE., MIX C, N70 (1 1/2")	HOT-MIX ASPH. BINDER, N70 (2 1/4")	BIT. MAT. (TACK COAT)	LONGITUDINAL JOINT SEALANT *
	FOR INFORMATIONAL PURPOSE ONLY									
	(FT)	(FT)	(SQ YD)	(SQ YD)						
MAINLINE: STA. 1010+80.70 TO STA. 1180+25.00										
STA. EQ. 1010+80.70 (BACK) = STA. 1010+87.92 (AHEAD)										
1010+87.92	TO	1021+59.33	1,071	24	14	2,858	242	360	1,929	1,071
OMIT SN 035 - 0008 (STA. 1021+59.33 TO STA. 1022+00.67)										
1022+00.67	TO	1026+00.00	399	24	14	1,065	90	135	719	399
STA. EQ. 1026+00.00 (BACK) = STA. 1025+90.40 (AHEAD)										
1025+90.40	TO	1058+20.19	3,230	24		8,613	728	1,094	5,814	3,230
STA. EQ. 1058+20.19 (BACK) = STA. 1058+16.17 (AHEAD)										
1058+16.17	TO	1066+71.70	856	24		2,282	193	290	1,540	856
STA. EQ. 1066+71.70 (BACK) = STA. 1066+83.55 (AHEAD)										
1066+83.55	TO	1083+49.80	1,666	24		4,444	376	565	3,000	1,666
STA. EQ. 1083+49.80 (BACK) = STA. 1083+53.03 (AHEAD)										
1083+53.03	TO	1095+92.10	1,239	24		3,305	279	420	2,231	1,239
STA. EQ. 1095+92.10 (BACK) = STA. 1095+90.43 (AHEAD)										
1095+90.43	TO	1124+83.60	2,893	24		7,716	652	980	5,208	2,893
STA. EQ. 1124+83.60 (BACK) = STA. 1124+85.69 (AHEAD)										
1124+85.69	TO	1141+43.80	1,658	24		4,422	374	562	2,985	1,658
STA. EQ. 1141+43.80 (BACK) = STA. 1141+41.96 (AHEAD)										
1141+41.96	TO	1157+62.10	1,620	24		4,321	365	549	2,917	1,620
STA. EQ. 1157+62.10 (BACK) = STA. 1157+03.72 (AHEAD)										
1157+03.72	TO	1180+25.00	2,321	24	14	6,191	523	787	4,179	2,321
MAINLINE SUBTOTAL					42	45,217	3,822	5,742	30,522	16,953
MAINLINE TOTAL					224	106,060	8,968	13,442	71,595	39,767

* USE UNDER SURFACE LIFT

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PLOT DATE = 2/6/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 34 MAINLINE RESURFACING SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
778	(3,4,6)RS-5	HARDIN	25	16
CONTRACT NO. 78759				
ILLINOIS FED. AID PROJECT				

IL 34 SHOULDER RESURFACING SCHEDULE

LOCATION STATION TO STATION	LENGTH			HMA SHOULDER WIDTH	AGGREGATE SHOULDER WIDTH	SHOULDER RUMBLE STRIPS 8"	BIT. MAT. (TACK COAT)	HMA SHOULDERS (1 3/4")	AGG. WEDGE SHOULDER, TY. B	
	FOR INFORMATIONAL PURPOSE ONLY									
	(FT)	(FT)	(FT)	(FT)	(FT)					(LBS)
MAINLINE: STA. 778+79.60 TO STA. 980+85.60										
778+79.60	TO	783+36.61	457	8	4	457	183	36	11	
OMIT SN 035 - 0004 (STA. 783+36.61 TO STA. 784+23.83)										
784+23.83	TO	790+00.00	576	8	4	576	231	50	13	
STA. EQ. 790+00.00 (BACK) = STA. 789+97.80 (AHEAD)										
789+97.80	TO	798+47.98	850	8	4	850	341	75	19	
STA. EQ. 798+47.89 (BACK) = STA. 798+52.22 (AHEAD)										
798+52.22	TO	805+77.00	725	8	4	725	290	64	17	
OMIT SN 035 - 0005 (STA. 805+77.00 TO STA. 806+53.00)										
806+53.00	TO	810+00.00	347	8	4	347	139	31	8	
STA. EQ. 810+00.00 (BACK) = STA. 810+06.37 (AHEAD)										
810+06.37	TO	813+92.00	386	8	4	386	155	34	9	
OMIT SN 035 - 7027 (STA. 813+92.00 TO STA. 814+12.00)										
814+12.00	TO	818+55.20	443	8	4	443	178	39	10	
STA. EQ. 818+55.20 (BACK) = STA. 818+48.05 (AHEAD)										
818+48.05	TO	829+92.39	1,144	8	4	1,144	458	100	26	
STA. EQ. 829+92.39 (BACK) = STA. 829+85.24 (AHEAD)										
829+85.24	TO	830+22.50	37	8	4	37	15	4	1	
STA. EQ. 830+22.50 (BACK) = STA. 830+06.00 (AHEAD)										
830+06.00	TO	864+43.51	3,438	8	4	3,438	1,376	299	77	
OMIT SN 035 - 0006 (STA. 864+43.51 TO STA. 864+96.14)										
864+96.14	TO	872+81.01	785	8	4	785	314	69	18	
STA. EQ. 872+81.01 (BACK) = STA. 872+78.52 (AHEAD)										
872+78.52	TO	901+82.30	2,904	8	4	2,904	1,162	253	65	
STA. EQ. 901+82.30 (BACK) = STA. 901+83.70 (AHEAD)										
901+83.70	TO	904+28.00	244	8	4	244	98	22	6	
904+28.00	TO	935+00.00	3,072		4				69	
STA. EQ. 935+00.00 (BACK) = STA. 934+98.45 (AHEAD)										
934+98.45	TO	965+07.07	3,009		4				67	
OMIT SN 035 - 7031 (STA. 965+07.07 TO STA. 965+37.70)										
965+37.70	TO	974+50.00	912		4				21	
OMIT SN 035 - 7030 (STA. 974+50.00 TO STA. 975+00.00)										
975+00.00	TO	980+85.60	586		4				13	
SHOULDER SUBTOTAL						12,336	4,940	1,076	450	

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USER NAME = jacksonac	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 34 SHOULDER RESURFACING SCHEDULE			F.A.P. RTE. 778	SECTION (3,4,6)RS-5	COUNTY HARDIN	TOTAL SHEETS 25	SHEET NO. 17
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -					CONTRACT NO. 78759				
PLOT DATE = 2/6/2020	DATE -	REVISED -		SCALE:		SHEET OF SHEETS	STA.	TO STA.			
ILLINOIS FED. AID PROJECT											

IL 34 SHOULDER RESURFACING SCHEDULE - CONT'D

LOCATION STATION TO STATION				LENGTH	HMA SHOULDER WIDTH	AGGREGATE SHOULDER WIDTH	SHOULDER RUMBLE STRIPS 8"	BIT. MAT. (TACK COAT)	HMA SHOULDER (1 3/4")	AGG. WEDGE SHOULDER, TY. B
				FOR INFORMATIONAL PURPOSE ONLY						
				(FT)	(FT)	(FT)	(FT)	(LBS)	(TON)	(TON)
MAINLINE: STA. 980+85.60 TO STA. 1180+25.00										
STA. EQ. 980+85.60 (BACK) = STA. 980+87.83 (AHEAD)										
980+87.83	TO	1000+30.00	1,942		4					44
STA. EQ. 1000+30.00 (BACK) = STA. 1000+34.84 (AHEAD)										
1000+34.84	TO	1010+80.70	1,046		4					24
STA. EQ. 1010+80.70 (BACK) = STA. 1010+87.92 (AHEAD)										
1010+87.92	TO	1021+59.33	1,071	8	4	119	48	11		24
OMIT SN 035 - 0008 (STA. 1021+59.33 TO STA. 1022+00.67)										
1022+00.67	TO	1026+00.00	400	8	4	119	48	11		9
STA. EQ. 1026+00.00 (BACK) = STA. 1025+90.40 (AHEAD)										
1025+90.40	TO	1058+20.19	3,230		4					72
STA. EQ. 1058+20.19 (BACK) = STA. 1058+16.17 (AHEAD)										
1058+16.17	TO	1066+71.70	856		4					19
STA. EQ. 1066+71.70 (BACK) = STA. 1066+83.55 (AHEAD)										
1066+83.55	TO	1083+49.80	1,667		4					37
STA. EQ. 1083+49.80 (BACK) = STA. 1083+53.03 (AHEAD)										
1083+53.03	TO	1095+92.10	1,240		4					28
STA. EQ. 1095+92.10 (BACK) = STA. 1095+90.43 (AHEAD)										
1095+90.43	TO	1124+83.60	2,894		4					65
STA. EQ. 1124+83.60 (BACK) = STA. 1124+85.69 (AHEAD)										
1124+85.69	TO	1141+43.80	1,659		4					37
STA. EQ. 1141+43.80 (BACK) = STA. 1141+41.96 (AHEAD)										
1141+41.96	TO	1157+62.10	1,621		4					36
STA. EQ. 1157+62.10 (BACK) = STA. 1157+03.72 (AHEAD)										
1157+03.72	TO	1170+45.00	1,342		4					30
1170+45.00	TO	1172+65.00	220	12	4	220	132	29		5
1172+65.00	TO	1180+05.00	740	12	4	740	444	97		17
1180+05.00	TO	1180+25.00	20		4					1
SHOULDER SUBTOTAL							1,199	672	148	448
SHOULDER TOTAL							13,535	5,612	1,224	898

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USER NAME = jacksonac	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 34 SHOULDER RESURFACING SCHEDULE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED -			778	(3,4,6)RS-5	HARDIN	25	18	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 78759					
PLOT DATE = 2/6/2020	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

SIDE ROAD SCHEDULE

LOCATION			EXIST. SURFACE	EP WIDTH	WIDTH AT 15' OFFSET	ROADWAY AREA	INCIDENTAL HMA SURFACING	BIT. MAT. (TACK COAT)
				(FT)	(FT)	(SQ YD)	(TON)	(LBS)
FAP 778 (IL 34)								
LT.	796+45.00	Karber's Ridge Road	BIT	100	55	129	13	59
LT.	858+70.00	McGan Road	BIT	41	19	50	5	23
LT.	904+28.00	Dustin's Ridge Drive	BIT	34	17	43	5	20
RT.	904+29.00	Lavender Cemetary	BIT	34	17	43	5	20
RT.	917+91.00	Bethany Lane	BIT	38	18	47	5	21
RT.	930+46.00	Carter Road	BIT	55	18	61	6	28
LT.	930+46.00	Round House Road	BIT	60	17	64	7	29
RT.	972+39.00	Gaskin Mine Road	BIT	70	29	83	9	38
LT.	972+39.00	Gaskin Mine Road	BIT	70	29	83	9	38
RT.	1051+76.00	Dutton Chapel Road	BIT	56	18	62	7	28
LT.	1058+78.00	Pauper Farm Road	BIT	56	18	62	7	28
LT.	1142+58.00	Fish Farm Road	BIT	76	28	87	9	39
RT.	1142+58.00	Grand Pierre Road	BIT	74	19	78	8	35
TOTALS							95	406

ENTRANCE SCHEDULE

ENTRANCE TYPE	AMOUNT	EXIST. SURFACE	EP WIDTH	WIDTH AT APRON	ROADWAY AREA	INCIDENTAL HMA SURFACING	BIT. MAT. (TACK COAT)
		(TYPE)	(FT)	(FT)	(SQ FT)	(TON)	(LBS)
FE	34	AGG	24.0	17.0	82	20	140
PE	110	BIT	24.0	17.0	82	64	451
CE	35	BIT	35.0	30.0	130	32	228
SUBTOTALS						116	819

MODEL: Default
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PAVEMENT MARKING SCHEDULE

FAP 778 (IL 34)			PAINT PAVEMENT MARKING				SHORT TERM PVMT MRK	SHORT TERM PVMT MK REM	TEMP PVMT MRK 4"	TEMP PVMNT MRK REM	RAISED REF PVMT MKR	RAISED REF PVMT MKR REMOVAL
			SOLID WHITE 4"	LINE - YELLOW 4"								
LOCATION				LEFT SOLID	CENTER DASHED	RIGHT SOLID	FT	SQ FT	FT	SQ FT	EACH	EACH
STATION	TO	STATION										
STA	TO	STA	FT	FT	FT	FT	SQ FT	FT	SQ FT	EACH	EACH	
STA 778+79.60	TO STA	790+00.00	2,241	591	236	693	337	113	3,761	1,254	15	15
STA. EQ. 790+00.00 (BACK) = STA. 789+97.80 (AHEAD)												
STA 789+97.80	TO STA	798+47.89	1,701	398	114	453	256	86	2,666	889	11	11
STA. EQ. 798+47.89 (BACK) = STA. 798+52.22 (AHEAD)												
STA 798+52.22	TO STA	810+00.00	2,296	1,148	75	848	345	115	4,367	1,456	15	15
STA. EQ. 810+00.00 (BACK) = STA. 810+06.37 (AHEAD)												
STA 810+06.37	TO STA	818+55.20	1,698	339	126	849	255	85	3,012	1,004	11	11
STA. EQ. 818+55.20 (BACK) = STA. 818+48.05 (AHEAD)												
STA 818+48.05	TO STA	829+92.39	2,290	1,145		1,145	344	115	4,580	1,527	15	15
STA. EQ. 829+92.39 (BACK) = STA. 829+85.24 (AHEAD)												
STA 829+85.24	TO STA	830+22.50	75	37		34	12	4	147	49	1	1
STA. EQ. 830+22.50 (BACK) = STA. 830+06.00 (AHEAD)												
STA 830+06.00	TO STA	872+81.01	8,551	4,275		4,275	1,283	428	17,101	5,701	54	54
STA. EQ. 872+81.01 (BACK) = STA. 872+78.52 (AHEAD)												
STA 872+78.52	TO STA	901+82.30	5,808	2,904		2,904	872	291	11,616	3,872	37	37
STA. EQ. 901+82.30 (BACK) = STA. 901+83.70 (AHEAD)												
STA 901+83.70	TO STA	935+00.00	6,633	1,647	425	1,647	995	332	10,352	3,451	42	42
STA. EQ. 935+00.00 (BACK) = STA. 934+98.45 (AHEAD)												
STA 934+98.45	TO STA	980+85.60	9,175	983	967	1,703	1,377	459	12,828	4,276	58	58
STA. EQ. 980+85.60 (BACK) = STA. 980+87.83 (AHEAD)												
STA 980+87.33	TO STA	1000+30.00	3,886	753	389	783	583	195	5,811	1,937	25	25
STA. EQ. 1000+30.00 (BACK) = STA. 1000+34.84 (AHEAD)												
STA 1000+34.84	TO STA	1010+80.70	2,092		262	1,046	314	105	3,400	1,134	14	14
STA. EQ. 1010+80.70 (BACK) = STA. 1010+87.92 (AHEAD)												
STA 1010+87.92	TO STA	1026+00.00	3,025	900	1,511	600	454	152	6,036	2,012	19	19
STA. EQ. 1026+00.00 (BACK) = STA. 1025+90.40 (AHEAD)												
STA 1025+90.40	TO STA	1058+20.19	6,460	3,230		3,230	969	323	12,920	4,307	41	41
STA. EQ. 1058+20.19 (BACK) = STA. 1058+16.17 (AHEAD)												
STA 1058+16.17	TO STA	1066+71.70	1,712	856		856	257	86	3,424	1,142	11	11
STA. EQ. 1066+71.70 (BACK) = STA. 1066+83.55 (AHEAD)												
STA 1066+83.55	TO STA	1083+49.80	3,333	1,666		1,666	500	167	6,665	2,222	21	21
SUBTOTAL :			60,976	20,872	4,105	22,732	9,153	3,056	108,686	36,233	390	390

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USER NAME = jacksonac	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/6/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

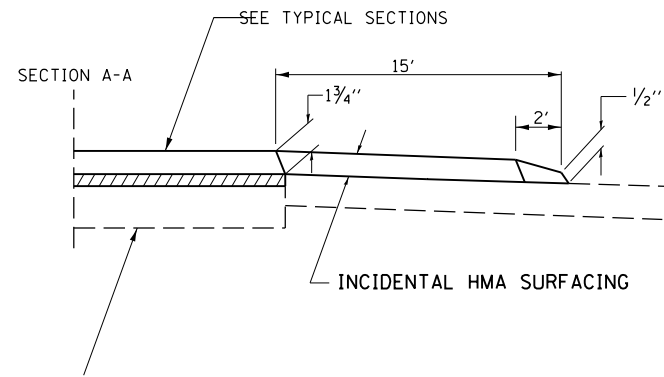
PAVEMENT MARKING SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

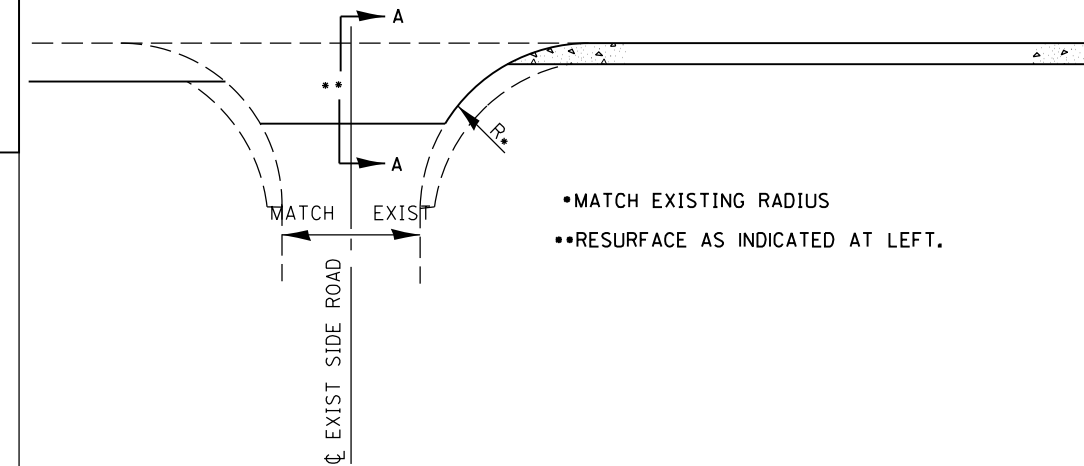
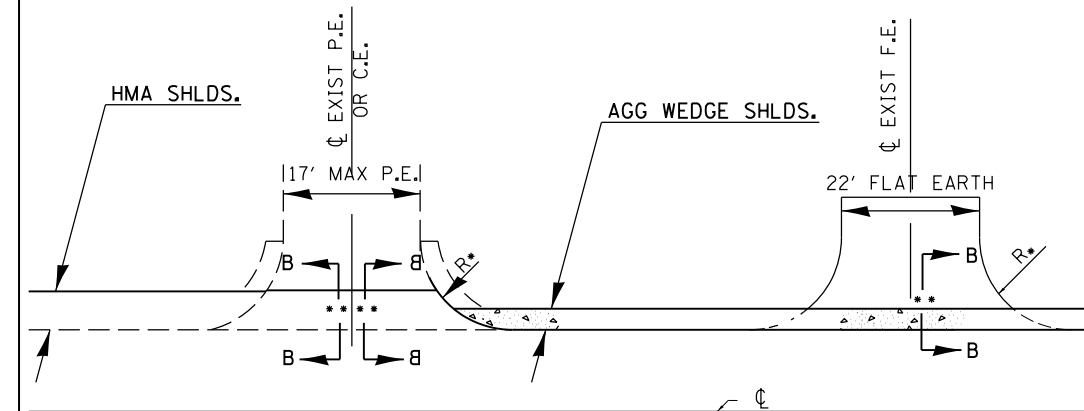
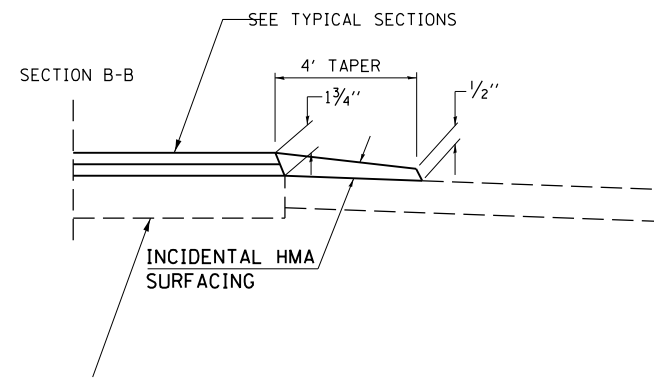
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
778	(3,4,6)RS-5	HARDIN	25	20
CONTRACT NO. 78759				
ILLINOIS		FED. AID PROJECT		

SIDEROAD AND ENTRANCE

SIDEROAD



PE, CE, OR FE



NOTES

1. IF EXISTING SUBBASE IS INADEQUATE, AS DETERMINED BY THE ENGINEER, THE SIDE ROADS SHALL BE CORED OUT AND AGGREGATE SUBBASE, TYPE B SHALL BE PLACED FOR BASE. THE COST OF CORING OUT THE SIDE ROAD AND ANY AGGREGATE BASE COURSE SHALL BE PAID FOR AS SPECIFIED IN ART. 109.04 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. IF EXISTING SUBBASE IS DETERMINED TO BE ADEQUATE, THE PREPARATION OF THE BASE SHALL BE CONSTRUCTED ACCORDING TO ARTICLE 406.09.
2. VARIABLE SHAPING IS INCLUDED IN THE COST OF INCIDENTAL HOT-MIX ASPHALT SURFACE.

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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/6/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

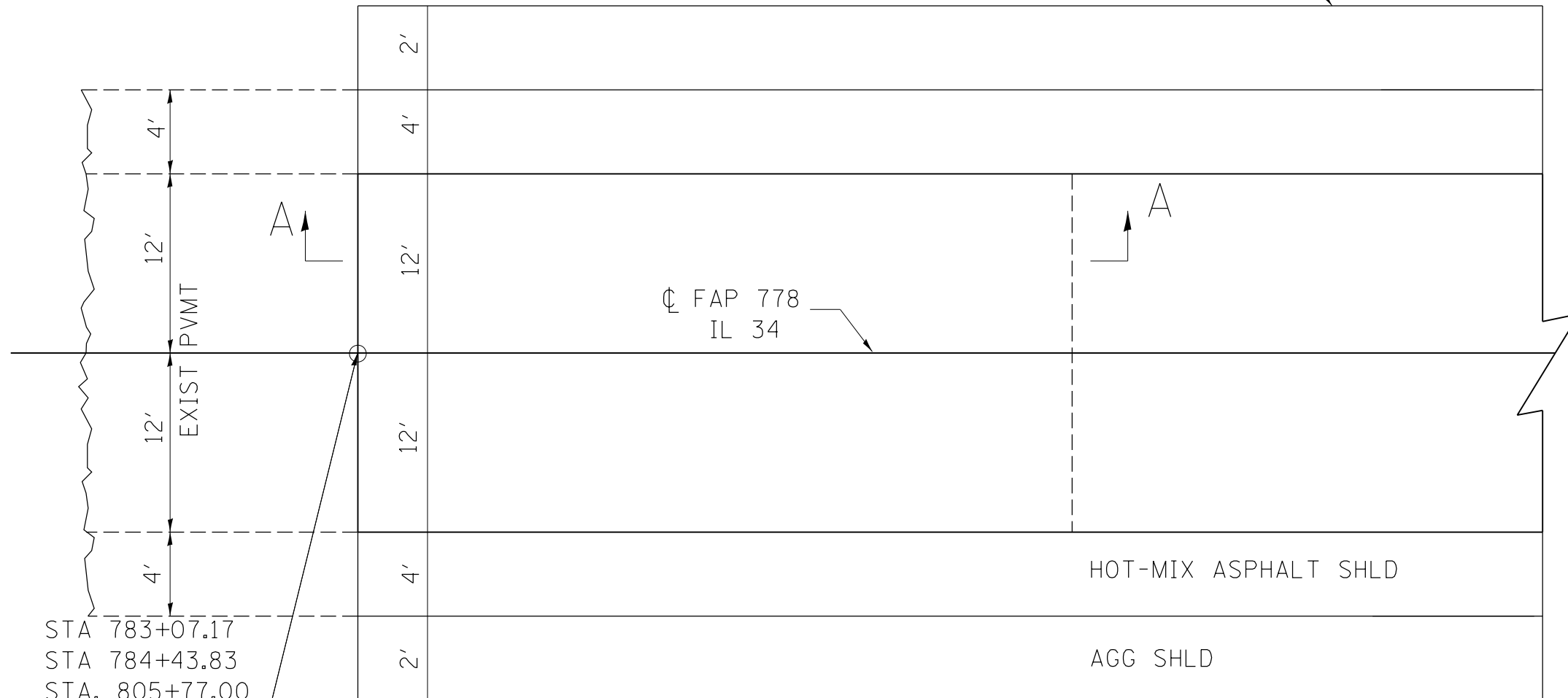
SIDEROAD AND ENTRANCE DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
778	(3,4,6)RS-5	HARDIN	25	22
CONTRACT NO. 78759				
ILLINOIS FED. AID PROJECT				

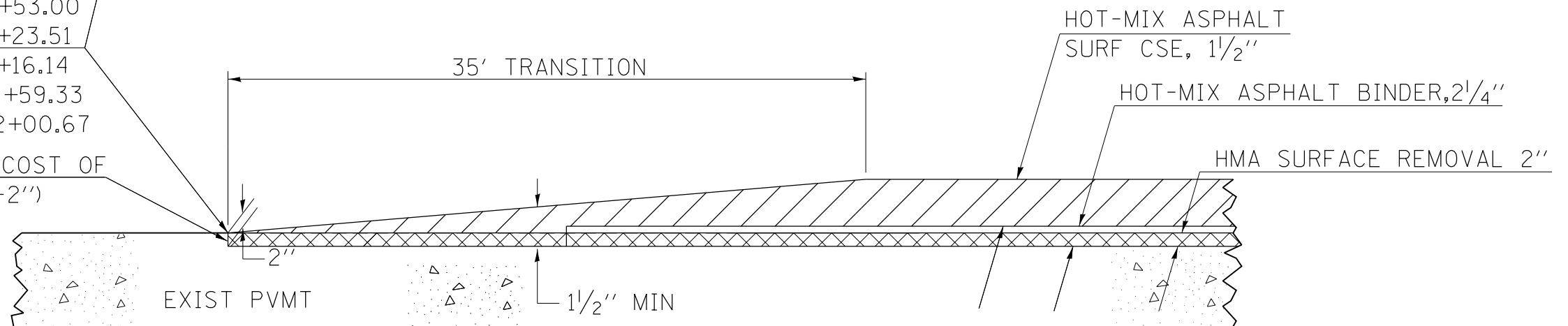
BUTT JOINT WITH MILLING

EDGE OF SHLD



STA. 783+07.17
 STA. 784+43.83
 STA. 805+77.00
 STA. 806+53.00
 STA. 864+23.51
 STA. 865+16.14
 STA. 1021+59.33
 STA. 1022+00.67

SAW CUT (INCLUDED IN THE COST OF
 HMA SURFACE REMOVAL - 2'')



SECTION A-A

REVISIONS	
DRAWN	03-09-17
REVISED	
REVISED	
REVISED	

STD. 9-118

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PLOT DATE = 2/6/2020	DATE -	REVISED -

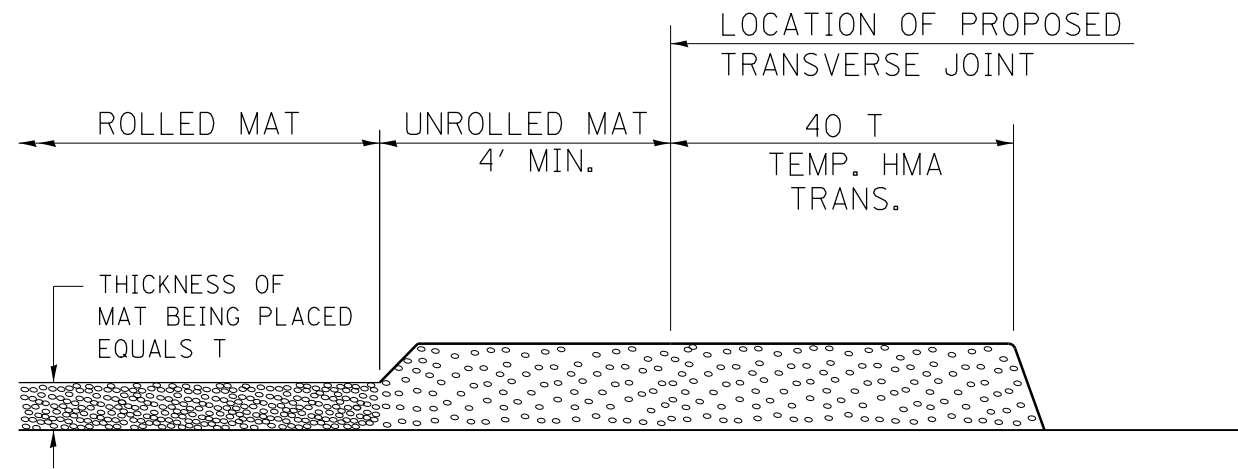
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BUTT JOINT WITH MILLING DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

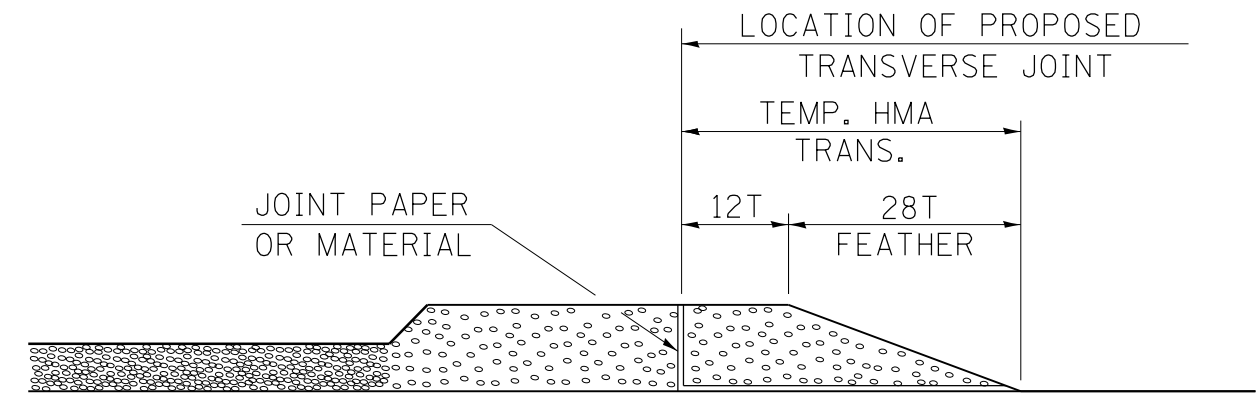
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
778	(3,4,6)RS-5	HARDIN	25	23
CONTRACT NO. 78759				
ILLINOIS FED. AID PROJECT				

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



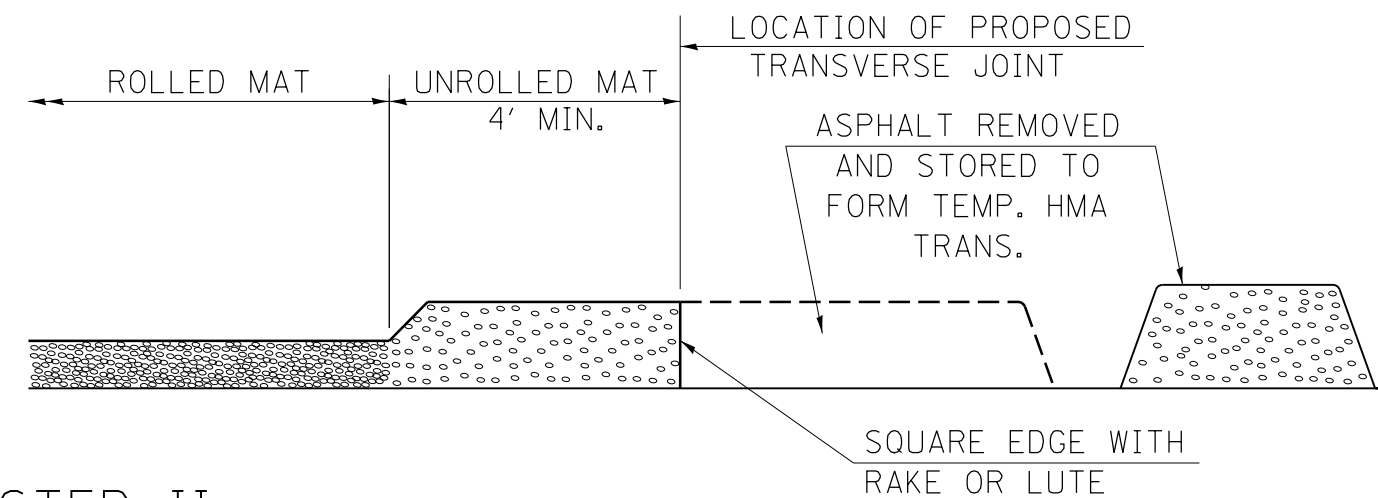
STEP I

1. PLACE HOT-MIX ASPHALT MAT, LENGTH 40 TIMES THE THICKNESS OF THE MAT BEING PLACED PAST THE PROPOSED TRANSVERSE JOINT LOCATION USING NORMAL OPERATING PROCEDURES.
2. EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



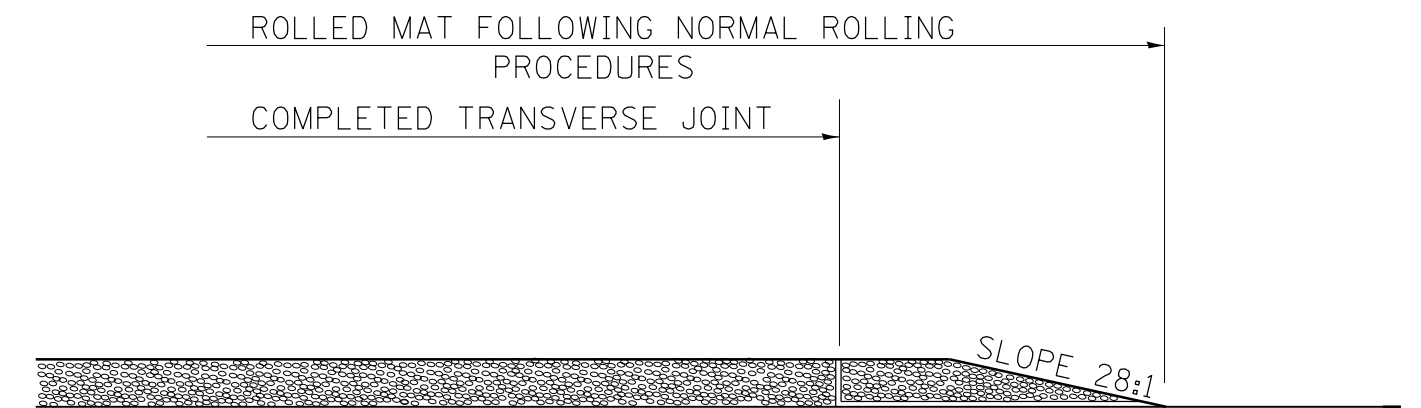
STEP III

1. JOINT PAPER OR OTHER PRESELECTED JOINT MATERIAL IS THEN PLACED IN THE CLEARED AREA AND THE EXCESS ASPHALT USED TO HAND FORM A TRANSITION TO THE DIMENSIONS SHOWN ABOVE.
2. NOTE THAT IN CONSTRUCTING THE TRANSITION, THE MAT DEPTH IS CONTINUED AS PART OF THE TRANSITION BEFORE FORMING THE FEATHER.



STEP II

1. MOVE THE PAVER OUT OF THE WAY AND REMOVE THE ASPHALT FROM THE AREA OF THE PROPOSED TEMPORARY HOT-MIX ASPHALT TRANSITION.
2. SQUARE UP THE END OF THE MAT WITH A RAKE OR LUTE.
3. NOTE THAT THE MAT WITHIN 4' OF THE END OF JOINT IS NOT TO BE ROLLED AT THIS TIME.



STEP IV

1. COMPLETE TEMPORARY TRANSITION BY ROLLING.
2. TO RESUME PAVING, AT THE JOINT, REMOVE TEMPORARY TRANSITION AND DISPOSE OF THE MATERIAL ACCORDING TO ART. 202.03 OF THE STD. SPECS. (COST INCLUDED IN THE CONTRACT).
3. CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY IN ACCORDANCE WITH ARTICLE 406.14 OF THE STANDARD SPECIFICATIONS.

REVISIONS

REDRAWN	2-15-89
REVISED	8-16-94
REVISED	01-09-07
RESIZED	05-8-08
REVISED	05-16-13

STD. 9-26

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	DATE -	REVISED -

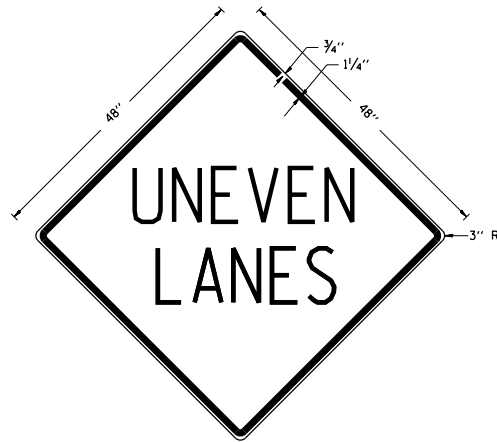
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY HOT-MIX ASPHALT TRANSITION				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
778	(3,4,6)RS-5	HARDIN	25	24
CONTRACT NO. 78759				
ILLINOIS FED. AID PROJECT				

UNEVEN LANES SIGN

W8-11 (48" x 48")



COLORS:

LEGEND AND BORDER - BLACK NON-REFLECTORIZED
BACKGROUND - ORANGE REFLECTORIZED

NOTE: PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED OR BEFORE RESURFACING OPERATIONS BEGIN, THE CONTRACTOR SHALL HAVE ERECTED "UNEVEN PAVEMENT" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "UNEVEN PAVEMENT" SIGNS UNTIL THE RESURFACING OPERATIONS ARE COMPLETED.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

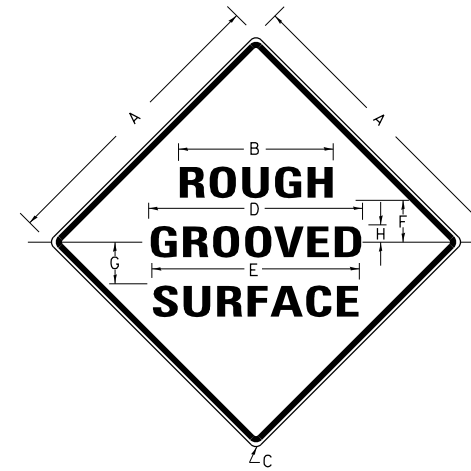
THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS

DRAWN	2-15-89
REVISED	4-06-93
REDESIGNED	7-23-04
RESIZED	5-08-08
REVIEWED	5-17-13

STD. 9-41

ILLINOIS STANDARD



COLORS:

LEGEND AND BORDER- BLACK NON-REFLECTORIZED
BACKGROUND- ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
48X48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5

SIGN SIZE	SERIES LINES			MAR- GIN	BOR- DER	BLANK STD.
	1	2	3			
48X48	7C	7C	7C	0.8	1.2	B4-48D

ALL DIMENSIONS IN INCHES

NOTES:

PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED, THE CONTRACTOR SHALL HAVE ERECTED "ROUGH GROOVED SURFACE" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "ROUGH GROOVED SURFACE" SIGNS UNTIL THE COLDMILLED SURFACE IS COVERED WITH LEVELING BINDER OR SURFACE COURSE.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

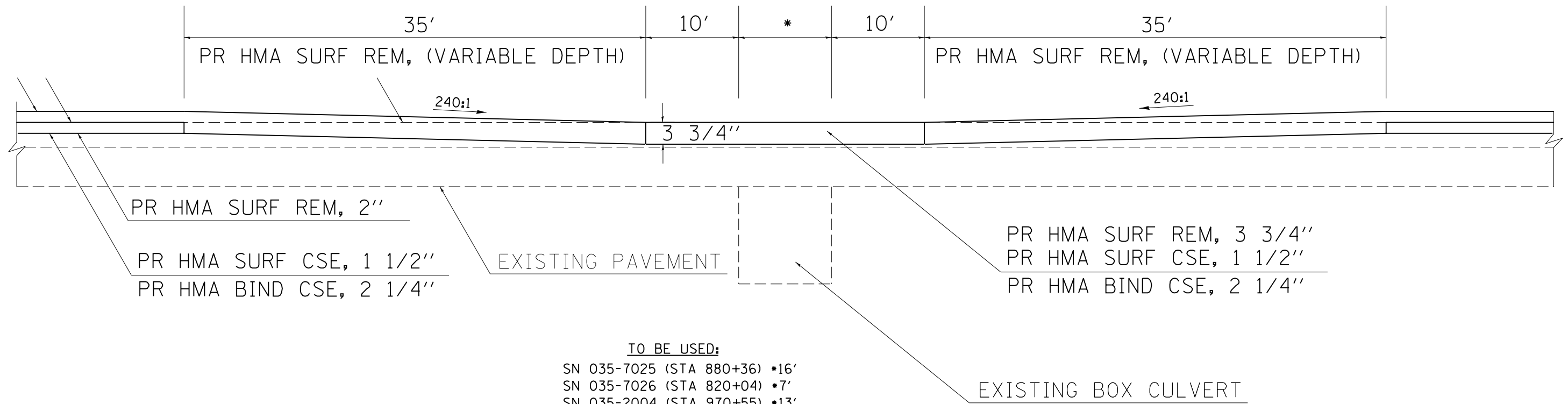
THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS

REDRAWN	2-15-89
REVISED	4-6-93
REVISED	3-27-08
REVIEWED	5-17-13

STD. 9-39

DETAIL FOR HMA TRANSITION AT CULVERTS (IL 34)



TO BE USED:

- SN 035-7025 (STA 880+36) *16'
- SN 035-7026 (STA 820+04) *7'
- SN 035-2004 (STA 970+55) *13'
- SN 035-7015 (STA 1137+35) *13'
- SN 035-7016 (STA 1108+00) *7'

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SHEET: 25

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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/6/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**UNEVEN LANE SIGN DETAIL AND ROUGH GROOVED SURFACE SIGNS
AND DETAIL FOR HMA TRANSITION AT CULVERTS (IL 34)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
778	(3,4,6)RS-5	HARDIN	25	25
CONTRACT NO. 78759			ILLINOIS FED. AID PROJECT	