

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	...	CASS	24	1
ILLINOIS CONTRACT NO. 72H07				

*** (86-1)RS-4, I-2

D-96-078-14

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES
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- 5-6 SCHEDULES OF QUANTITIES
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- 10-15 PLAN SHEETS
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 310 (US 67/IL 100)
SECTION (86-1) RS-4, I-2
PROJECT NHPP-PECJ(583)
RESURFACING & PATCHING
CASS COUNTY

C-96-078-14

HIGHWAY CLASSIFICATION

F.A.P. ROUTE 310 (US 67)

ADT: 6,625 (2017) PV = 86.5%
ADT: 9,430 (2033) SU = 6.0%
DESIGN SPEED: 50 MPH MU = 7.5%
POSTED SPEED: 45 MPH

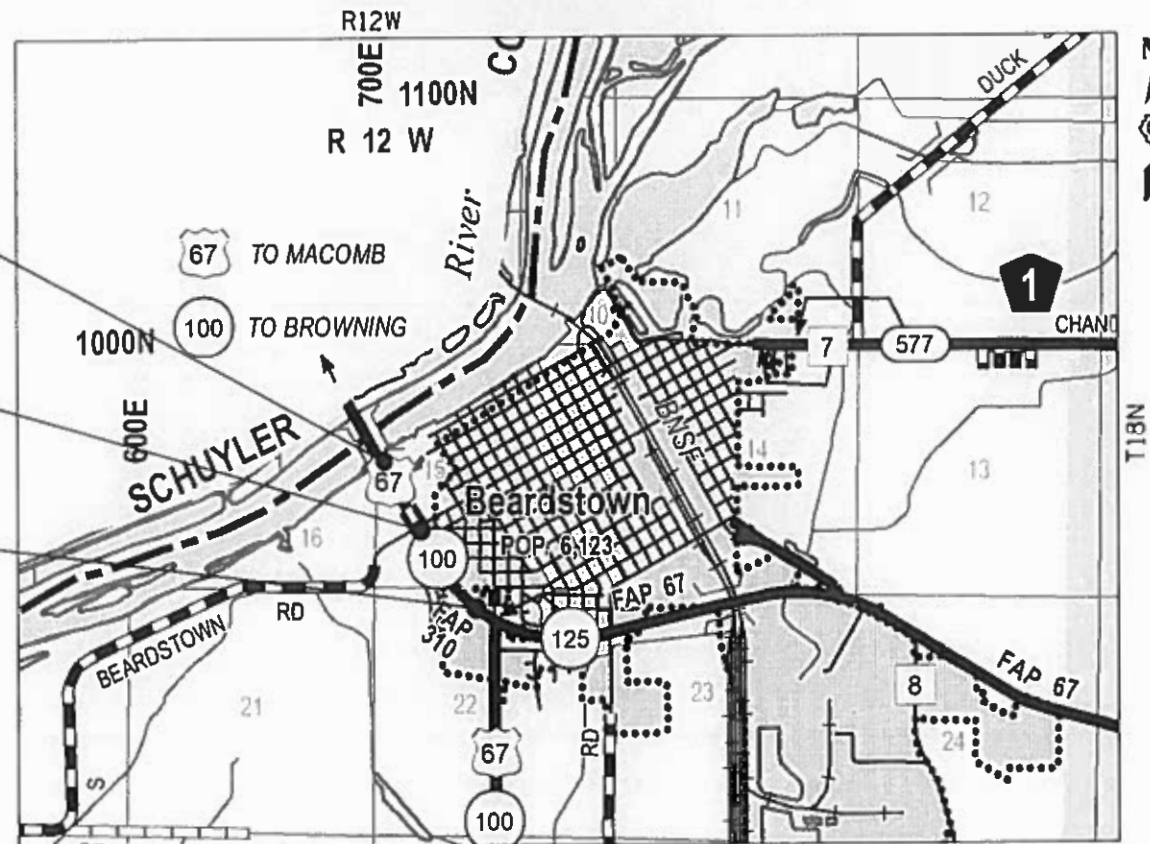
CLASSIFICATION: OTHER PRINCIPAL ARTERIAL



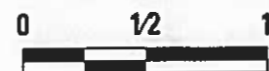
PROJECT BEGINS
SOUTH END OF
IL RIVER BRIDGE
BUTT-JOINT
STA. 57+85.17

STATION EQUATION
70+94.57 BK =
70+98.20 AH

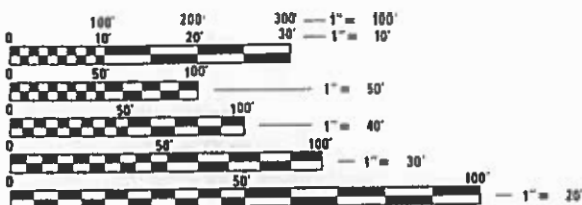
PROJECT ENDS
STA. 84+60.00



LOCATION MAP



GROSS LENGTH = 2671.20 FT. = 0.506 MILE
NET LENGTH = 2671.20 FT. = 0.506 MILE



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

PROJECT ENGINEER: JAY EDWARDS (217)785-0597
TEAM LEADER: FRANK SHIMKUS (217)785-9102

CONTRACT NO. 72H07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *Dec 12 20 19*

[Signature] REGIONAL ENGINEER

[Signature] ENGINEER OF DESIGN AND ENVIRONMENT

[Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

MIXTURE REQUIREMENTS

Location(s):	
Mixture Use(s):	HMA Surface/Incidental HMA
PG:	PG 64-22
Design Air Voids:	4.0% @ N70
Mixture Composition:	IL 9.5
Friction Aggregate:	Mix "D"
Quality Management:	QC/QA
Sublot Size:	N/A

Location(s):	
Mixture Use(s):	Pavement Patching
PG:	PG 64-22
Design Air Voids:	4.0% @ N70
Mixture Composition:	IL 19.0
Friction Aggregate:	N/A
Quality Management:	QC/QA
Sublot Size:	N/A




GENERAL NOTES

- IN ADDITION TO FIELD SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF WORK; HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
- THE THICKNESS OF BITUMINOUS MIXTURES 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 BITUMINOUS MIXTURE IS PLACED.
- 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.
- UNLESS DIRECTED BY THE ENGINEER, PAVEMENT MARKING LINES SHALL NOT BE LAID DIRECTLY OVER A LONGITUDINAL CRACK OR JOINT NOR OVER A TAR OR ASPHALT PAINTED LINE. THE EDGE OF A CENTERLINE OR LANE LINE SHALL BE OFFSET A MINIMUM DISTANCE OF 2" FROM A LONGITUDINAL CRACK OR JOINT. EDGE LINES SHALL BE APPROXIMATELY 2" FROM THE EDGE LINE OF PAVEMENT. SEE SECTION 780 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
- NO PASSING ZONES TO BE FIELD VERIFIED BY THE BUREAU OF OPERATIONS. THE RESIDENT ENGINEER SHALL NOTIFY THE BUREAU OF OPERATIONS AT LEAST 14 DAYS PRIOR TO PLACEMENT OF FINAL PERMANENT PAVEMENT MARKING. (PH: 217-785-5312)
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED TO CALCULATE THE PLAN QUANTITIES:

SEEDING FERTILIZER RATIO (NIT:PHOS:POT)	90:90:90 LBS./AC.
BITUMINOUS MATERIALS (TACK COAT)	0.05 LB/SQ. FT. (ON PAVEMENT; MILLED HMA)
BITUMINOUS MATERIALS (TACK COAT)	0.025 LB/SQ. FT. (ON PAVEMENT; HMA LIFTS)
BITUMINOUS CONCRETE SURFACE / BINDER	0.056 TON/SQ. YD. PER 1"
AGGREGATE MATERIAL	1.6 TON/CU. YD.
RIPRAP	1.50 TON/CU. YD.
- THE 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 INCLUDED IN THE CONTRACT, AND NO COMPENSATION WILL BE ALLOWED.
- EXISTING MAILBOXES SHALL BE TEMPORARILY RELOCATED FOR CONTINUED OPERATION AS NECESSARY DURING CONSTRUCTION. MAIL BOXES SHALL BE RELOCATED TO THEIR FINAL LOCATION AFTER CONSTRUCTION AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS PART OF THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED.
- MILLING FOR THE ENTRANCE WILL BE PAID AS HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT.
- NO COMMITMENTS MADE.

STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
442201-03	CLASS C AND D PATCHES
630001-12	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-08	TRAFFIC CONTROL DEVICES
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTOR PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS DISTRICT 6	
EXAMINED	December 5 20 19
 ENGINEER OF OPERATIONS	
EXAMINED	November 27 20 19
 ENGINEER OF PROJECT IMPLEMENTATION	
EXAMINED	December 6 20 19
 ENGINEER OF PROGRAM DEVELOPMENT	

FILE NAME =	USER NAME = shmkusft	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES FAP 310 (US 67/IL 100)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 6\Projects\0672H07\Drawings\2019\0672H07\CADDData\CADsheet\REVISED-shmkusft-gennote.dgn	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			310	***	CASS	24	2
Default	PLOT DATE = 12/11/2019	DATE -	REVISED -			SCALE: NTS	SHEET 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				80%STATE / 20% FED PPS# 6-00997-0000	
				ROADWAY	
				0005	URBAN
20400800	FURNISHED EXCAVATION	CU YD	5		5
28100801	STONE DUMPED RIPRAP, CLASS A1	TON	20		20
28100805	STONE DUMPED RIPRAP, CLASS A3	TON	50		50
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	4470		4470
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	655		655
40600990	TEMPORARY RAMP	SQ YD	218		218
40604062	HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "D", N70	TON	1042		1042
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	70		70
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	9279		9279
44200156	PAVEMENT PATCHING, TYPE II, 13 INCH	SQ YD	30		30
44200160	PAVEMENT PATCHING, TYPE III, 13 INCH	SQ YD	30		30
48101200	AGGREGATE SHOULDERS, TYPE B	TON	139		139
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	50		50
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1		1
	* SPECIALTY ITEM				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				80%STATE / 20% FED PPS# 6-00997-0000	
				ROADWAY	
				0005	URBAN
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1		1
63200310	GUARDRAIL REMOVAL	FOOT	113		113
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
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1		1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	608		608
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	101		101
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	1		1
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	47		47
* 78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	11650		11650
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	382		382
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	259		259
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	29		29

FILE NAME =	USER NAME = blkleyba	DESIGNED -	REVISED -
p:\planroom.dot\illinois.gov\PIDOT\Documents\IDOT Offices\District 6\Projects\0672H07\Drawings\2019\0672H07\CADDData\CADsheets\REVISED-shr-500.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/5/2019	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.
310	***	CASS	24	3
			CONTRACT NO. 72H07	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				80%STATE / 20% FED PPS# 6-00997-0000	ROADWAY
				0005	
				URBAN	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	110		110
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	29		29
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	110	110
∅	Z0076600	TRAINEES	HOUR	500	500
	X5420612	PIPE CULVERTS TO BE CLEANED 12"	FOOT	194	194
∅	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500
	Z0010615	CLEANING EXISTING INLETS	EACH	3	3

* SPECIALTY ITEM

∅ 0042

FILE NAME =	USER NAME = blkleybo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 6\Projects\0672H07\0672H07\CADData\CADsheet\0672H07-shr-500.dgn		DRAWN -	REVISED -								CASS	24	4
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -								CONTRACT NO. 72H07		
	PLOT DATE = 12/5/2019	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	

PAVEMENT SCHEDULE									
LOCATION STATION TO STATION FAP 310 (US 67, IL 100)	LENGTH (FT)	WIDTH (FT)	AREA (SQ YD)	40600982	44000157	40604062	40800050	40600290	
				HOT-MIX ASPHALT SURF. REM. BUTT-JOINT (SQ YD)	HOT-MIX ASPHALT SURF. REM. 2" (SQ YD)	HMA SURF. COURSE IL-9.5, MIX "D", N70 (2") (TON)	INCIDENTAL HOT-MIX ASPH. SURF. (TON)	BIT. MAT. (TACK CT.) (POUND)	
US 67, IL 100									
RIGHT SOUTHBOUND									
STA. 57+85.17 TO STA. 57+90.17	5.00	12.5	6.9	6.9			0.8		3.1
STA. 57+90.17 TO STA. 61+06.93	316.76	12.5	439.9			439.9	49.3		198.0
STA. 61+06.93 TO STA. 63+91.83	284.90	VARIES	286.1			286.1	32.0		128.7
STA. 61+06.93 TO STA. 63+83.39	276.46	12.5 TO 14.8	419.3			419.3	47.0		188.7
STA. 63+83.39 TO STA. 64+06.40	23.01	14.8 TO 13.2	35.8			35.8	4.0		16.1
STA. 63+91.83 TO STA. 65+22.00	130.17	10.5 TO 11.4	158.4			158.4	17.7		71.3
STA. 64+06.40 TO STA. 67+53.22	346.82	13.2 TO 15.0	543.4			543.4	60.9		244.5
STA. 65+22.00 TO STA. 66+46.84	124.84	11.4 TO 21.5	228.2			228.2	25.6		102.7
STA. 66+46.84 TO STA. 67+41.87	95.03	21.5 TO 24.1	240.7			240.7	27.0		108.3
STA. 67+41.87 TO STA. 67+55.40	13.53	VARIES	27.5			27.5	3.1		12.4
STA. 67+55.40 TO STA. 68+13.58	58.18	16.3 TO 16.8	107.0			107.0	12.0		48.1
STA. 67+53.22 TO STA. 69+18.67	165.45	15.0	275.8			275.8	30.9		124.1
STA. 68+13.58 TO STA. 69+18.67	105.09	VARIES	246.7			246.7	27.6		111.0
STA. 69+18.67 TO STA. 70+94.57	175.90	15.0	293.2			293.2	32.8		131.9
STA. EQ 70+94.57 BK = 70+98.20 AH									
STA. 70+98.20 TO STA. 72+43.77	145.57	15.0	242.6			242.6	27.2		109.2
STA. 72+43.77 TO STA. 75+45.64	301.87	15.0 TO 12.0	452.8			452.8	50.7		203.8
STA. 75+45.64 TO STA. 84+55.00	909.36	12.0	1212.5			1212.5	135.8		545.6
STA. 84+55.00 TO STA. 84+60.00	5.00	12.0	6.7	6.7			0.7		3.0
LEFT NORTHBOUND									
STA. 57+85.17 TO STA. 57+90.17	5.00	13.0 TO 12.8	7.2	7.2			0.8		3.2
STA. 57+90.17 TO STA. 58+39.40	49.23	12.8 TO 13.0	70.6			70.6	7.9		31.8
STA. 58+39.40 TO STA. 60+03.31	163.91	13.0 TO 12.9	235.8			235.8	26.4		106.1
STA. 60+03.31 TO STA. 61+19.49	116.18	12.9 TO 13.8	172.3			172.3	19.3		77.6
STA. 61+19.49 TO STA. 64+00.00	280.51	13.8 TO 15.9	462.8			462.8	51.8		208.3
STA. 64+00.00 TO STA. 67+67.98	367.98	15.2 TO 16.5	648.1			648.1	72.6		291.6
STA. 67+67.98 TO STA. 70+94.57	326.59	16.5 TO 15.2	575.2			575.2	64.4		258.8
STA. EQ 70+94.57 BK = 70+98.20 AH									
STA. 70+98.20 TO STA. 73+00.00	201.80	15.2 TO 12.0	304.9			304.9	34.2		137.2
STA. 71+32.60 TO STA. 73+00.00	167.40	VARIES	59.7			59.7	6.7		26.9
STA. 73+00.00 TO STA. 84+23.45	1123.45	12.0	1497.9			1497.9	167.8		674.1
STA. 84+23.45 TO STA. 84+55.00	31.55	12.0	42.1			42.1	4.7		18.9
STA. 84+55.00 TO STA. 84+60.00	5.00	12.0	6.7	6.7			0.7		3.0
US 67, IL 100 SUB-TOTAL				9306.7	27.4	9279.3	1042.4		4188.0
SIDE ROAD									
BEARDSTOWN DRAINAGE RD. (RIGHT)									
STA. 12+85.22 TO STA. 12+50.11	35.11	VARIES	193.4	193.4			21.7		87.0
W 6TH ST.									
STA. 13+46.17 TO STA. 13+90.44	44.27	VARIES	354.7	354.7			39.7		159.6
SIDE ROAD SUB-TOTAL				548.0			61.4		246.6
TOTAL				575.5	9279.3	1042.4	61.4		4434.7

AGGREGATE SHOULDERS TYPE B				
LOCATION STATION TO STATION FAP 310 (US 67, IL 100)	LENGTH (FT)	WIDTH (FT)	AGG SHLDR TY B (TONS)	
RIGHT OUTSIDE SHOULDER				
STA. 57+85.17 TO STA. 58+16.99	31.82	3.0 TO 6.0	0.7	
STA. 58+16.99 TO STA. 59+48.06	131.07	6.0 TO 7.0	4.2	
STA. 59+48.06 TO STA. 64+06.35	458.29	7.0	15.8	
STA. 64+06.35 TO STA. 68+30.96	424.61	8.0	16.8	
STA. 68+30.96 TO STA. 69+86.36	94.12	8.0	3.7	
STA. 69+86.36 TO STA. 70+16.91	30.55	8.0 TO 4	0.9	
STA. 70+16.91 TO STA. 70+94.57	77.66	4.0	1.5	
STA. EQ 70+94.57 BK = 70+98.20 AH				
STA. 70+98.20 TO STA. 84+60.00	1361.80	4.0	26.9	
LEFT OUTSIDE SHOULDER				
STA. 57+85.17 TO STA. 58+11.14	25.97	4.0 TO 6.0	0.6	
STA. 58+11.14 TO STA. 63+40.10	528.96	6.0	15.7	
STA. 63+40.10 TO STA. 63+99.26	59.16	7.0	2.0	
STA. 63+99.26 TO STA. 64+12.91	13.65	7.0 TO 8.0	0.5	
STA. 64+12.91 TO STA. 68+31.12	418.21	8.0	16.5	
STA. 68+31.12 TO STA. 70+45.80	130.28	8.0	5.1	
STA. 70+45.80 TO STA. 70+74.11	28.31	8.0 TO 4.0	0.8	
STA. 70+74.11 TO STA. 70+94.57	20.46	4.0	0.4	
STA. EQ 70+94.57 BK = 70+98.20 AH				
STA. 70+98.20 TO STA. 84+60.00	1361.80	4.0	26.9	
TOTAL				139.2

(USED AVE THICKNESS 1.0")

TEMPORARY RAMPS			
LOCATION STATION TO STATION FAP 310 (US 67, IL 100)	LENGTH (FT)	WIDTH (FT)	TEMPORARY RAMP (SQ YD)
RIGHT SOUTHBOUND			
STA. 57+85.17	6.67	12.5	9
STA. 84+60.00	6.67	12	9
SIDEROAD			
BEARDSTOWN DRAINAGE RD.			
STA. 12+85.22 TO STA. 12+78.55	6.67	78	58
LEFT NORTHBOUND			
STA. 57+85.17	6.67	12.8	9
STA. 84+60.00	6.67	12	9
SIDEROAD			
W 6TH ST.			
STA. 13+46.17 TO STA. 13+52.84	6.67	167	124
TOTAL			218

FILE NAME =	USER NAME = blkleyba	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot\illinois.gov\PIDOT\Documents\IDOT Offices\District 6\Projects\0672H07\CADData\CADsheet\REVISED-shr-schedule.dgn	DRAWN -	CHECKED -	REVISED -			310	***	CASS	24	5
Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -			SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		

DRAINAGE SCHEDULE		
	Z0010615	X5420612
LOCATION STATION	CLEANING EXISTING INLETS (EACH)	PIPE CULVERTS TO BE CLEANED (FT)
FAP 310 (US 67, IL 100)		
LEFT		
STA. 66+44.00		83.20
STA. 68+03.00	1.00	8.30
STA. 68+12.00	1.00	90.50
STA. 68+25.00	1.00	11.50
TOTAL	3.00	193.50

THERMOPLASTIC PAVEMENT MARKING									
		78000300	78000300	78000300	78000600	78000500			
LOCATION STATION TO STATION	LENGTH (FT)	THERMO PAVE MARK - LINE 5" (FT)	THERMO PAVE MARK - LINE 5" (FT)	THERMO PAVE MARK - LINE 5" (FT)	THERMO PAVE MARK - LINE 12" (FT)		THERMO PAVE MARK - LINE 8" (FT)		
		DOUBLE - CENTER	SOLID - MEDIAN	SOLID - EDGE	DOTTED LINE	SOLID	SOLID	SOLID	
		YELLOW	YELLOW	WHITE	WHITE	YELLOW	WHITE	WHITE	
FAP 310 (US 67, IL 100)									
STA. 57+85.17 TO STA. 84+60.00	2,671.25			5025					
STA. 57+85.17 TO STA. 61+33.00	347.83	696							
STA. 61+33.00 TO STA. 63+92.00	259.00	1036			92				
STA. 63+92.00 TO STA. 64+88.00	96.00	192			15				
STA. 63+83.62 TO STA. 68+31.66	448.04		788						
STA. 63+83.62 TO STA. 65+60.62	177.00				46				
STA. 65+60.62 TO STA. 67+51.59	190.97						80	382	
STA. 67+51.59 TO STA. 68+46.85	95.26		194						
STA. 68+80.70 TO STA. 72+90.00	409.30		711						
STA. 71+78.81 TO STA. 72+89.57	110.76	222							
STA. 72+89.57 TO STA. 74+89.65	200.08	800				71			
STA. 74+89.65 TO STA. 84+60.00	970.35	1941							
SUB-TOTAL		4886	1693	5025	46	179	80	382	
TOTAL				11650		259		382	

SHORT-TERM PAVEMENT MARKING					
	70300100	70300150			
LOCATION STATION TO STATION	LENGTH (FT)	SPACING	NUMBER OF APPLICATIONS	SHORT-TERM PAVE MARK (FT)	SHORT-TERM PAVE MARK REM (SQ FT)
FAP 310 (US 67, IL 100)					
STA. 57+85.17 TO STA. 61+00.00	314.8	4' / 40'	2	71.0	12
STA. 61+00.00 TO STA. 64+00.00	300.0	4' / 40'	2	128.0	21
STA. 64+00.00 TO STA. 65+00.00	100.0	4' / 40'	2	28.0	5
STA. 65+50.00 TO STA. 67+50.00	200.0	4' / 40'	2	88.0	15
STA. 73+00.00 TO STA. 75+25.00	225.0	4' / 40'	2	98.0	16
STA. 75+25.00 TO STA. 84+60.00	935.0	4' / 40'	2	195.0	32
TOTAL				608.0	101.2

RAISED REFLECTIVE PAVEMENT MARKER						
	78300200	78100100				
LOCATION STATION TO STATION	LENGTH	SPACING	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL (EACH)	ONE-WAY AMBER MARKER (EACH)	ONE-WAY CRISTAL MARKER (EACH)	TWO-WAY AMBER MARKER (EACH)
FAP 310 (US 67, IL 100)						
STA. 57+85.17 TO STA. 60+25.08	239.9	1 @ 80'	4			4
STA. 60+25.08 TO STA. 61+05.08	80.0	2 @ 40'	6			6
STA. 61+05.08 TO STA. 68+24.34	719.3	1 @ 40'	36	36		
STA. 65+60.00 TO STA. 68+25.80	265.8	1 @ 40'	16	6	10	
STA. 68+81.00 TO STA. 75+00.00	619.0	1 @ 40'	31	31		
STA. 75+00.00 TO STA. 75+80.00	80.0	2 @ 40'	6			6
STA. 75+80.00 TO STA. 84+60.00	880.0	1 @ 80'	11			11
SUB-TOTAL			110	73	10	27
TOTAL			110		110	

RIPRAP SCHEDULE*				
	28100801	28100805		
LOCATION STATION TO STATION	LENGTH (FT)	WIDTH (FT)	STONE DUMPED RIPRAP, CLASS A1 (TONS)	STONE DUMPED RIPRAP, CLASS A3 (TONS)
FAP 310 (US 67, IL 100)				
RIGHT				
STA. 64+06.00	30.0	5.0	1.3	5.6
STA. 65+00.00	15.0	5.0	1.3	2.8
STA. 66+00.00	15.0	5.0	1.3	2.8
STA. 67+00.00	15.0	5.0	1.3	2.8
STA. 69+75.00	15.0	5.0	1.3	2.8
LEFT				
STA. 60+00.00	15.0	5.0	1.3	2.8
STA. 61+00.00	70.0	5.0	1.3	13.0
STA. 62+00.00	15.0	5.0	1.3	2.8
STA. 64+00.00	15.0	5.0	1.3	2.8
ADDITIONAL QUANTITY			8.0	12.0
TOTAL			20	50

*THIS SCHEDULE IS AN ESTIMATED AMOUNT WITH ADDITIONAL QUANTITIES FOR THE RESIDENT ENGINEER TO USE AT HIS OR HER DISCRETION TO STOP THE FURTHER EROSION OF THE EXISTING

ENTRANCE SCHEDULE									
	40600982	40800050	40600290						
LOCATION	WIDTH ACROSS FRONT (FT)	WIDTH ACROSS BACK (FT)	LENGTH OF IMPROVEMENT FROM EOP (FT)	AREA (SQ YD)	EXIST. SURF. TYPE	HOT-MIX ASPH. SURF. REMOVAL BUTT - JT. (SQ YD)	INCIDENTAL HOT-MIX ASPH. SURF. (TON)	BIT. MAT. TACK COAT (POUND)	
FAP 310 (US 67, IL 100)									
STA. 75+15.13	P.E. RT.	89.4	40	11	79.08	HMA	79.08	8.86	35.59
TOTAL						79.1	8.9	35.6	

GUARDRAIL SCHEDULE								
	63200310	63000001	63100167	63100045	78200005	72501000	20400800	
LOCATION STATION TO STATION	LENGTH (FT)	GUARDRAIL REMOVAL (FT)	SPBG TY. A 6' POST (FT)	TR. BAR. TERM., TY 1 (SPL.) TAN. (EACH)	TR. BAR. TERM., TY 2 (EACH)	GUARDRAIL REFLECTORS TY. A (EACH)	TERMINAL MARKER-D. A. (EACH)	FURNISHED EX (SOIL PAD) (CU YD)
FAP 310								
US 67, IL 100								
RIGHT								
STA. 58+16.32 TO STA. 68+12.92	996.60					12		
STA. 69+48.70 TO STA. 69+86.20	37.50	37.50	25.00		1.00			
STA. 69+11.18 TO STA. 69+48.70	37.52					2		
LEFT								
STA. 58+11.71 TO STA. 68+17.37	1,005.66					13		
STA. 69+25.79 TO STA. 70+49.04	123.25					2		
STA. 70+23.20 TO STA. 70+98.20	75.00	75.00	25.00	1.00			1.00	5
TOTAL		112.50	50.00	1.00	1.00	29	1.00	5

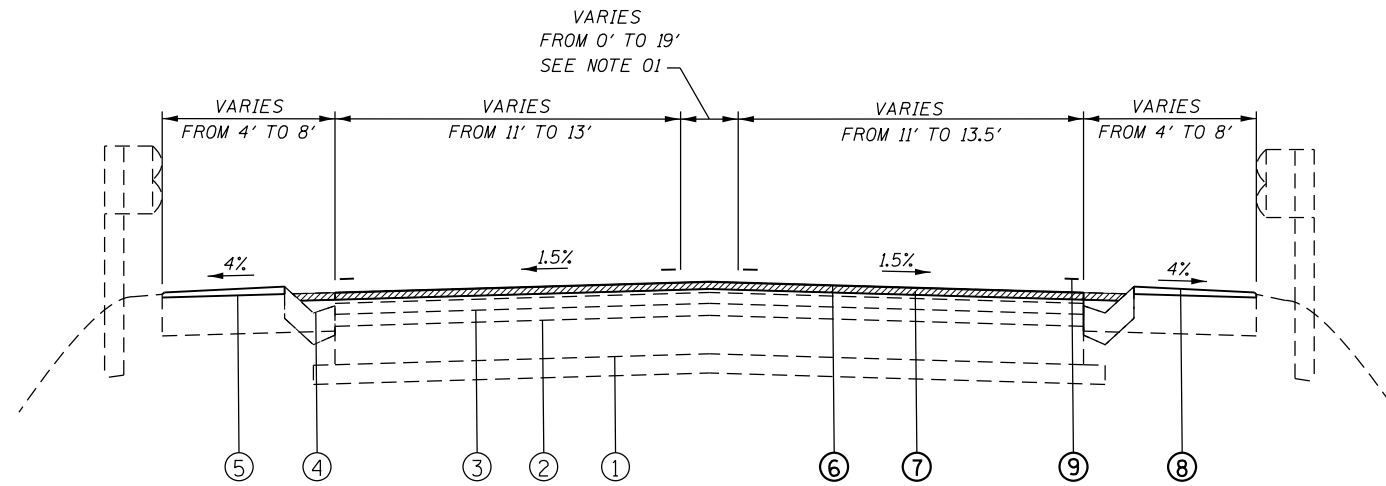
THERMOPLASTIC PAVEMENT MARKING		
	78000650	78000100
LOCATION	THERMO PAVE MARK - LINE 24" (FT)	THERMO PAVE MARK - LET & SYM (SO FT)
FAP 310 (US 67, IL 100)		
STOP BAR		
WHITE		
W 6TH ST.		
LT. STA. 13+89.12	15.0	
US 67, IL 100		
CL STA. 65+82.00		15.6
CL STA. 66+82.00		15.6
CL STA. 67+82.00		15.6
CL STA. 68+07.00	14.0	
TOTAL	29.0	46.8

FILE NAME =	USER NAME = blkleyba	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLLOT DATE = 12/5/2019	DATE -	REVISED -			CONTRACT NO. 72H07		ILLINOIS FED. AID PROJECT		

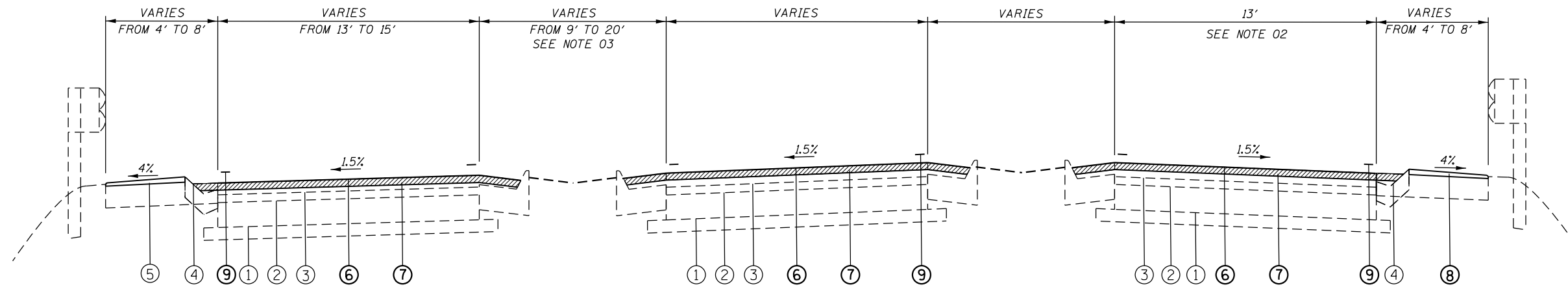
LEGEND:

- ① EXIST. AGGREGATE SUB-BASE, 4"
- ② EXIST. P.C.C. PAVEMENT, 8"
- ③ EXIST. BITUMINOUS OVERLAY, ±7"
- ④ EXIST. CONCRETE GUTTER, TYPE B
- ⑤ EXIST. AGGREGATE SHOULDER

- ⑥ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- ⑦ PROP. HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 2"
- ⑧ PROP. AGGREGATE SHOULDER, TYPE B
- ⑨ PROP. THERMOPLASTIC PAVEMENT MARKING - Line 5"



TYPICAL SECTION # 1
STA. 57+85.17 TO STA. 63+82.96

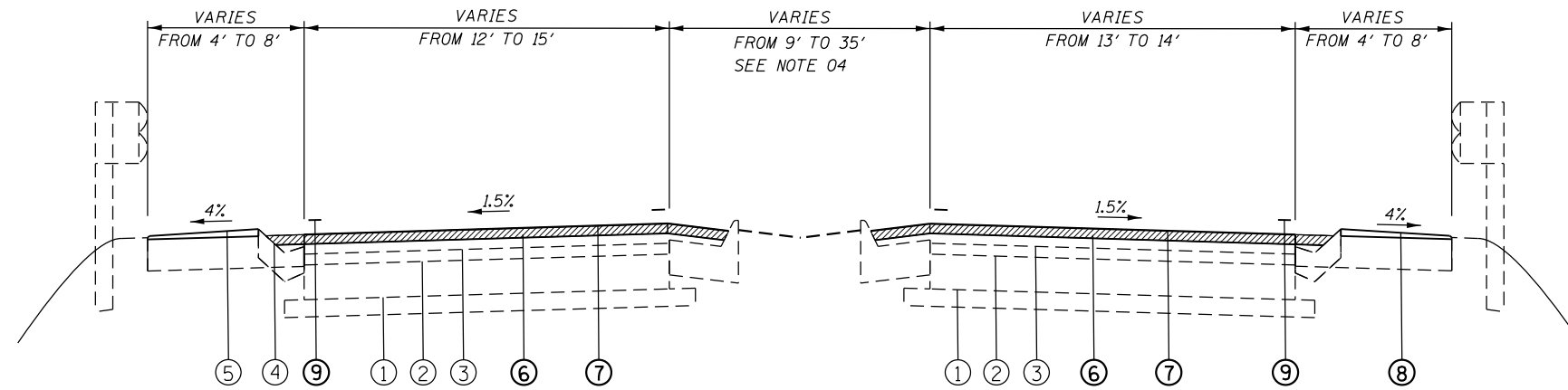


TYPICAL SECTION # 2
STA. 63+82.96 TO STA. 68+46.84

NOTES:

- 01: FROM STA. 61+06.93 TO STA. 63+82.96
- 02: FROM STA. 64+33.57 TO STA. 68+46.84
- 03: MEDIAN FROM STA. 67+40.27 TO STA. 68+46.84

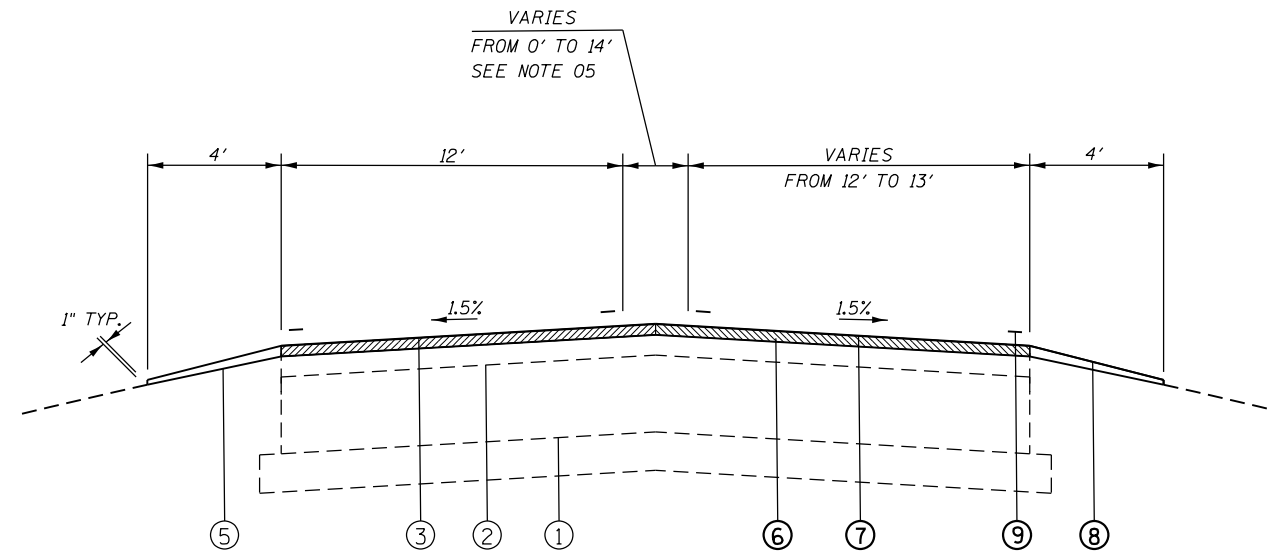
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PLOT SCALE = 100.0000' / in.						CONTRACT NO. 72H07				
Default	PLOT DATE = 12/9/2019	CHECKED -	REVISD -	SCALE:		SHEET OF SHEETS		STA. TO STA.		ILLINOIS FED. AID PROJECT



TYPICAL SECTION # 3
 STA.68+46.84 TO STA 73+01.98

LEGEND:

- ①EXIST. AGGREGATE SUB-BASE, 4"
- ②EXIST. P.C.C. PAVEMENT, 8"
- ③EXIST. BITUMINOUS OVERLAY, ±7"
- ④EXIST. CONCRETE GUTTER, TYPE B
- ⑤EXIST. AGGREGATE SHOULDER
- ⑥PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- ⑦PROP. HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 2"
- ⑧PROP. AGGREGATE SHOULDER, TYPE B
- ⑨PROP. THERMOPLASTIC PAVEMENT MARKING - Line 5"

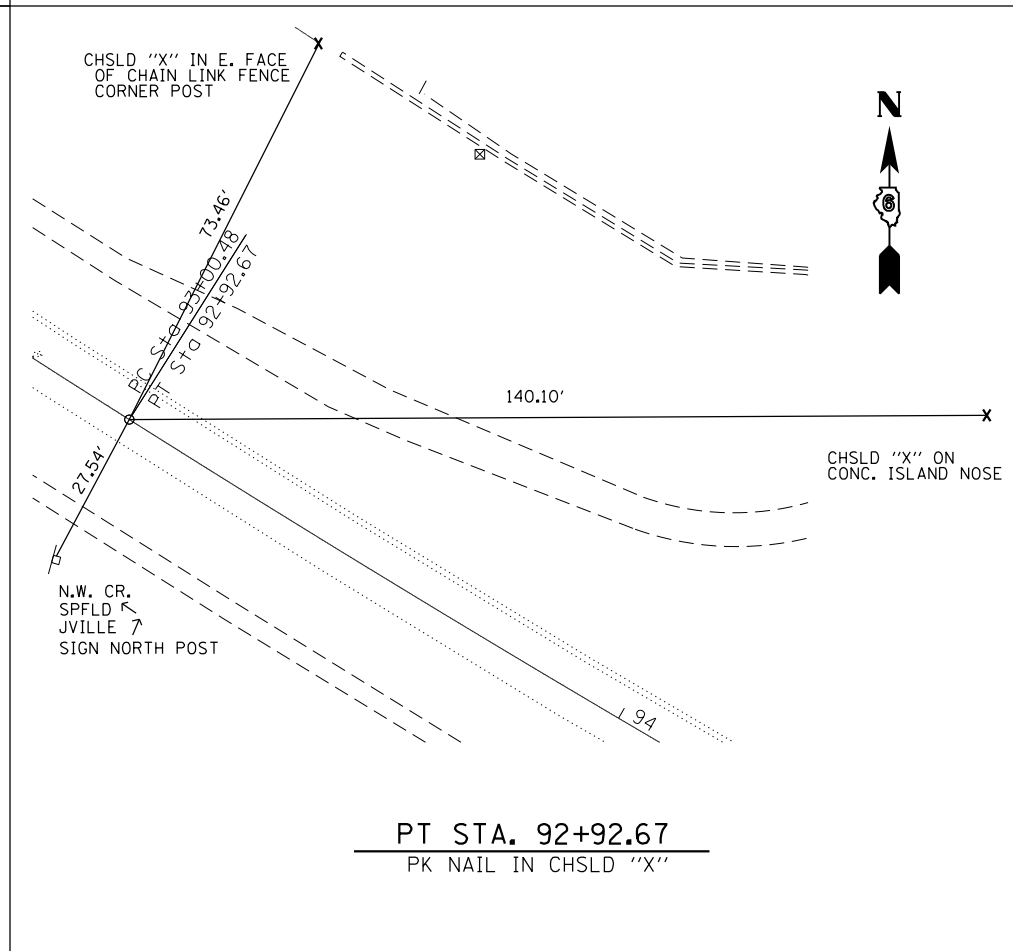
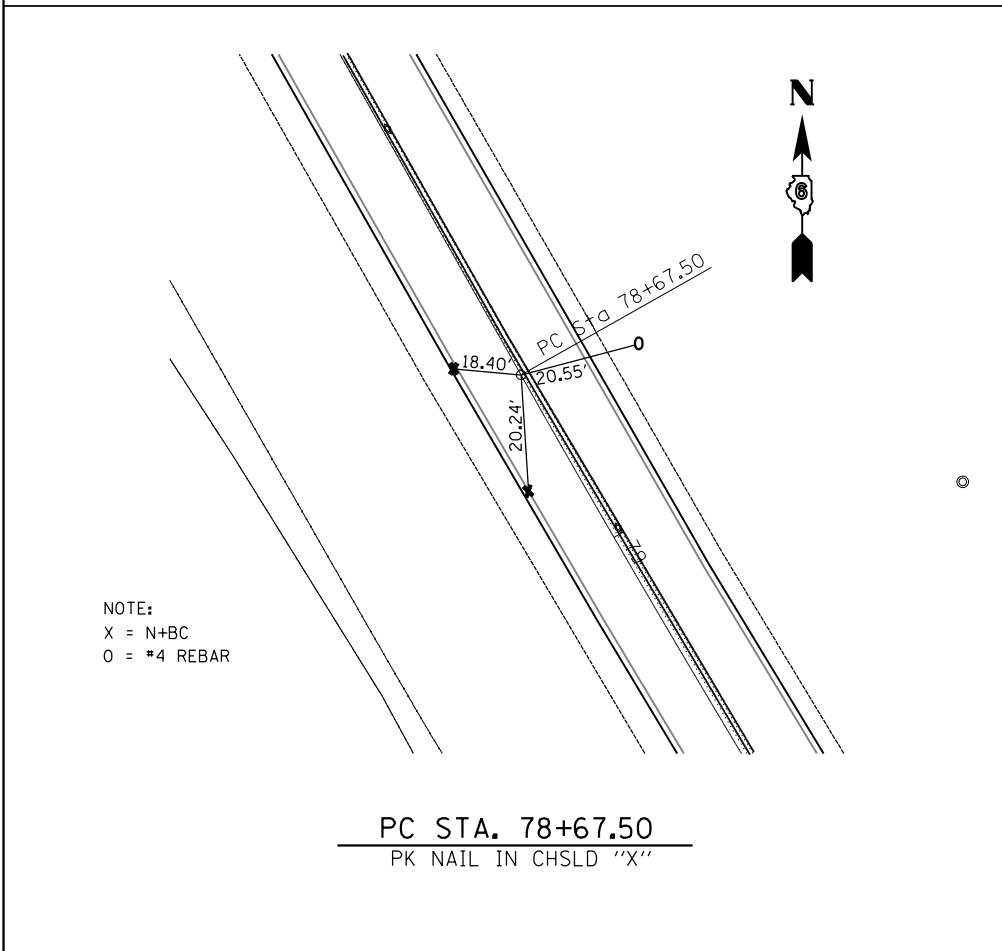
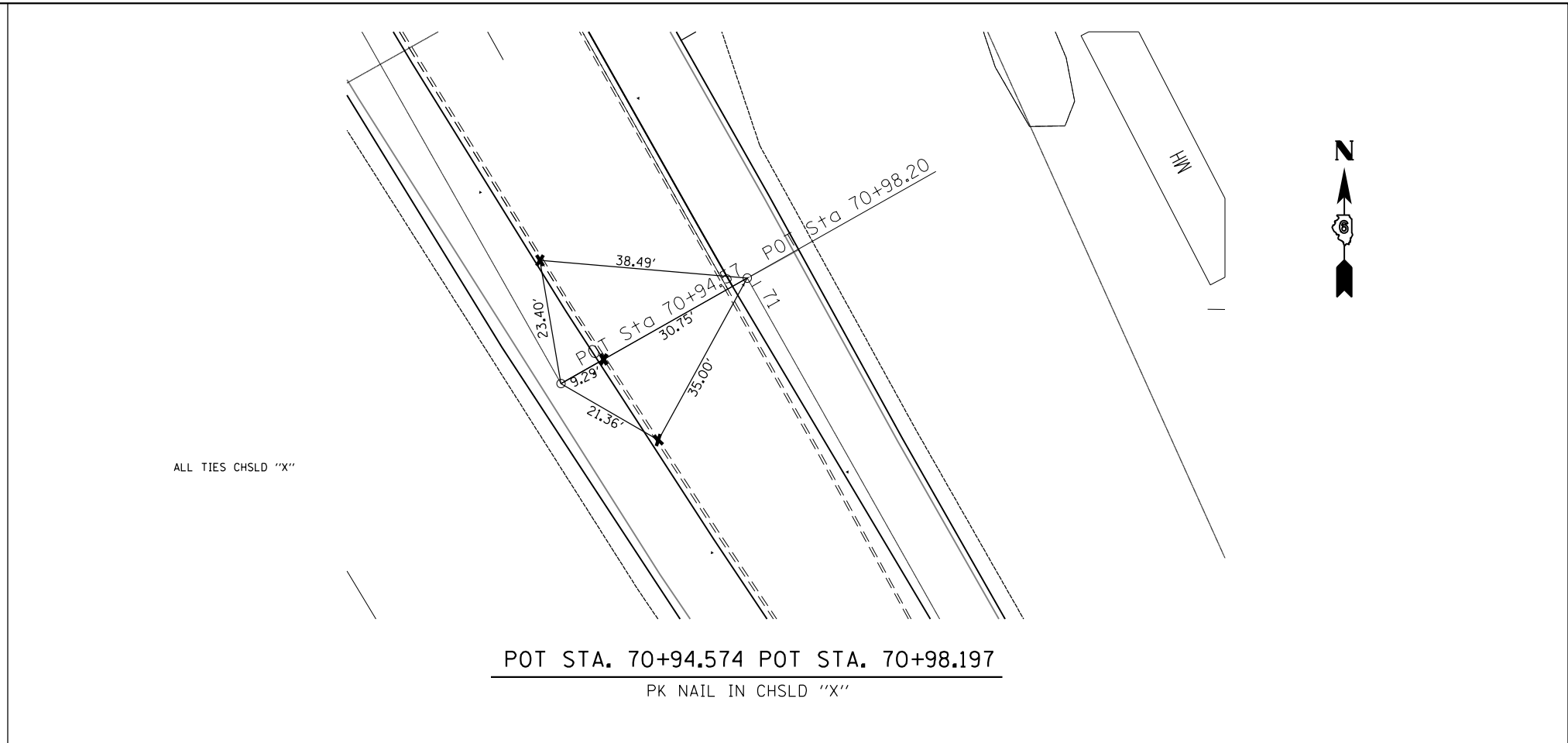
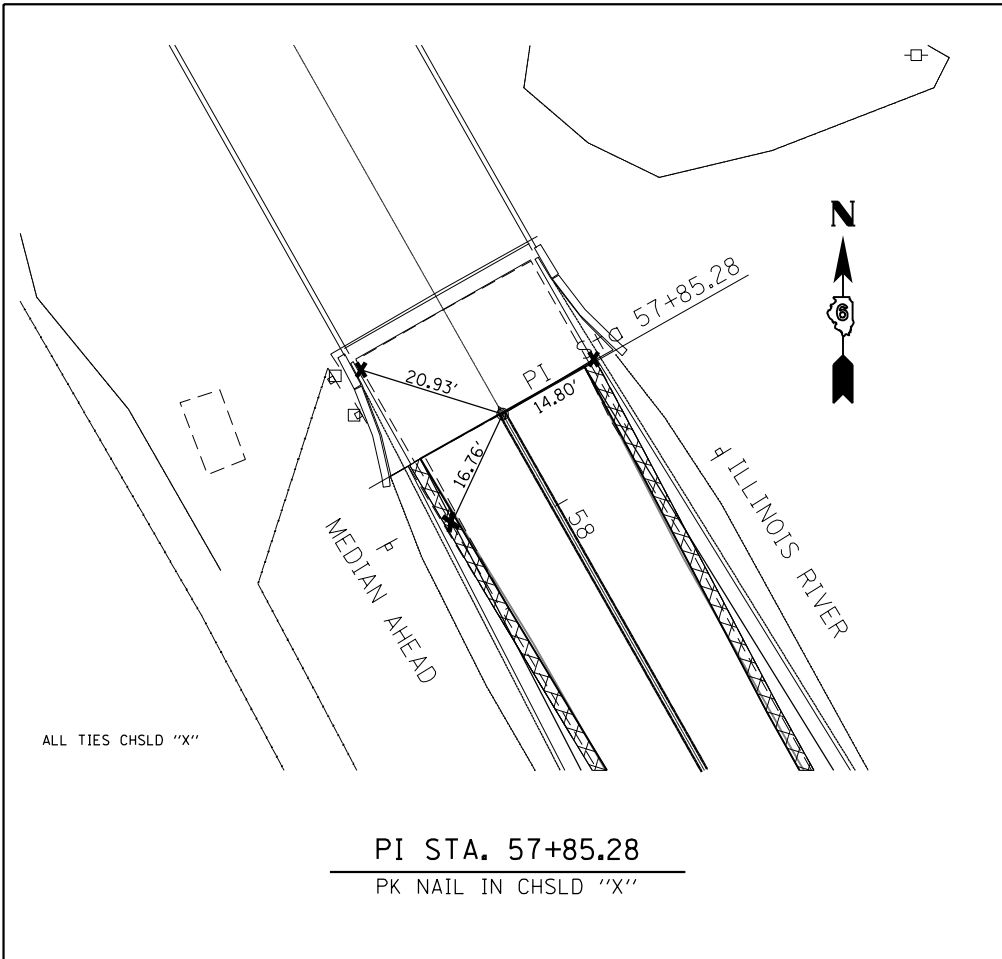


TYPICAL SECTION # 4
 STA. 73+01.98 TO STA. 84+60.00

NOTES:

- 04: MEDIAN FROM STA. 68+80.22 TO STA. 73+01.98
- 05: FROM STA. 73+01.98 TO STA. 75+20.00

FILE NAME =	USER NAME = shmkusft	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS FAP 310 (US 67/IL 100)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -					CONTRACT NO. 72H07			ILLINOIS FED. AID PROJECT	
				SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.		



BM L244 - NGS BENCHMARK LOCATED IN N.E. CORNER OF IL100/IL125/US67 AND GRAND AVE. INTERSECTION IN BEARDSTOWN AT STA. 94+80.02 120.37' LT. ELEV. 441.948'

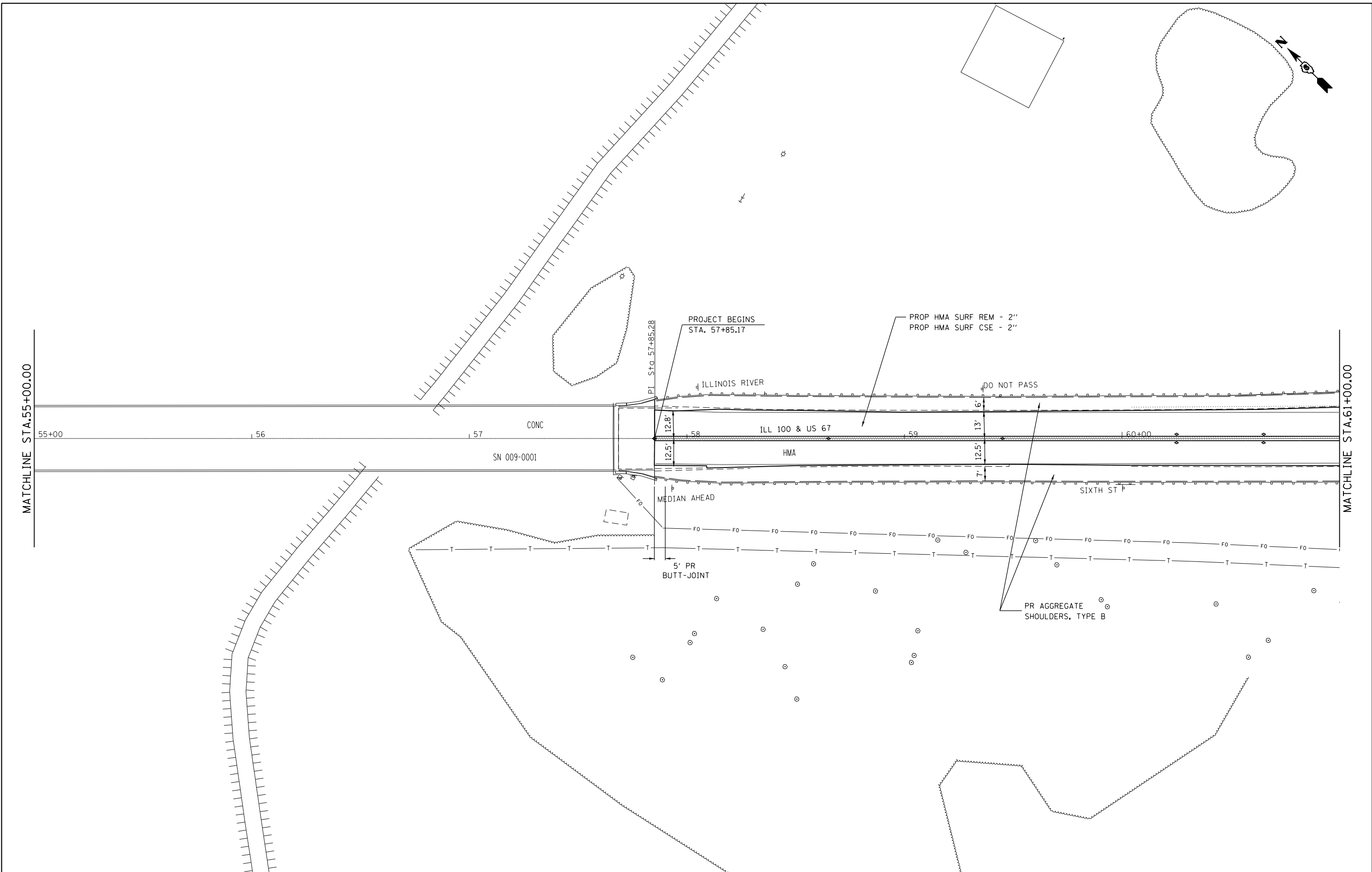
BM BEARD1 - SET CHISELED "□" MAST ARM FOUNDATION N.W. QUAD IL100/IL125/US67 STA. 94+50.5 34.0' LT. ELEV. 443.972'

BM BEARD2 - SET CHISELED "□" CENTER N.E. HDWL 2X2 BOX CULVERT UNDER US67 (N.E. SIDE) US67 STA. 82+80.02 38.1' LT. ELEV. 437.111

BM BEARD3 - SET RAILROAD SPIKE IN LIGHTPOLE @ GROUND LEVEL S.E. QUAD US67/6TH ST. STA. 68+98.15 94.1' LT. ELEV. 454.811'

NOTE:
ALL BENCHMARK ELEVATIONS ARE NAVD 1988 VERTICAL DATUM

FILE NAME =	USER NAME = blakeyba	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TIES & BENCHMARKS FAP 310 (US 67/ IL 10)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT DATE = 12/5/2019	DATE -	REVISED -					CONTRACT NO. 72H07				
								ILLINOIS	FED. AID PROJECT			



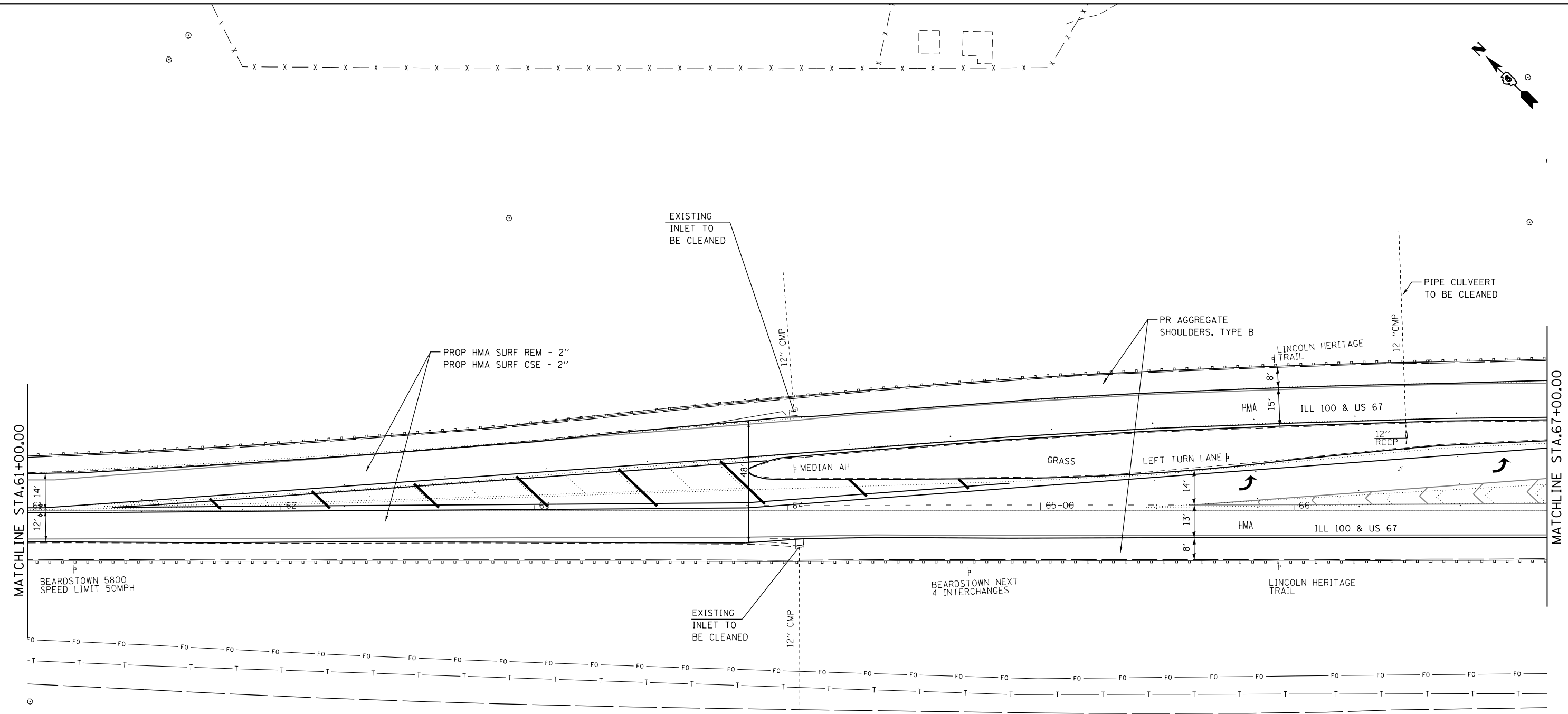
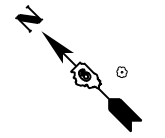
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS
FAP 310 (US 67/IL 100)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(86-1)RS-4,1-2	CASS	24	10
CONTRACT NO. 72H07			ILLINOIS FED. AID PROJECT	



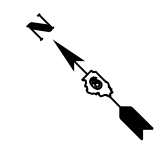
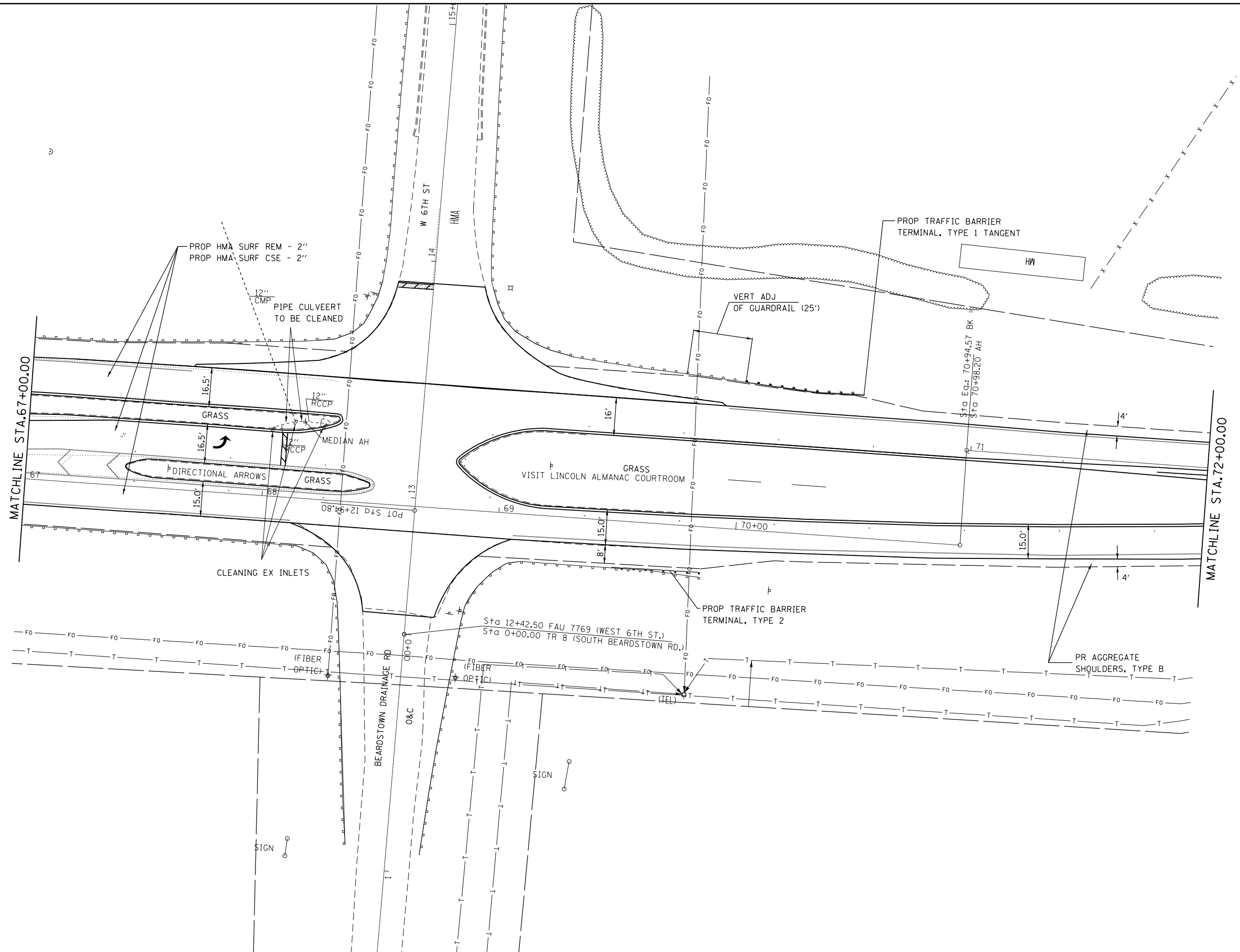
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	PLOT DATE = 12/5/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS
FAP 310 (US 67/IL 100)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(86-1)RS-4,1-2	CASS	24	11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72H07	



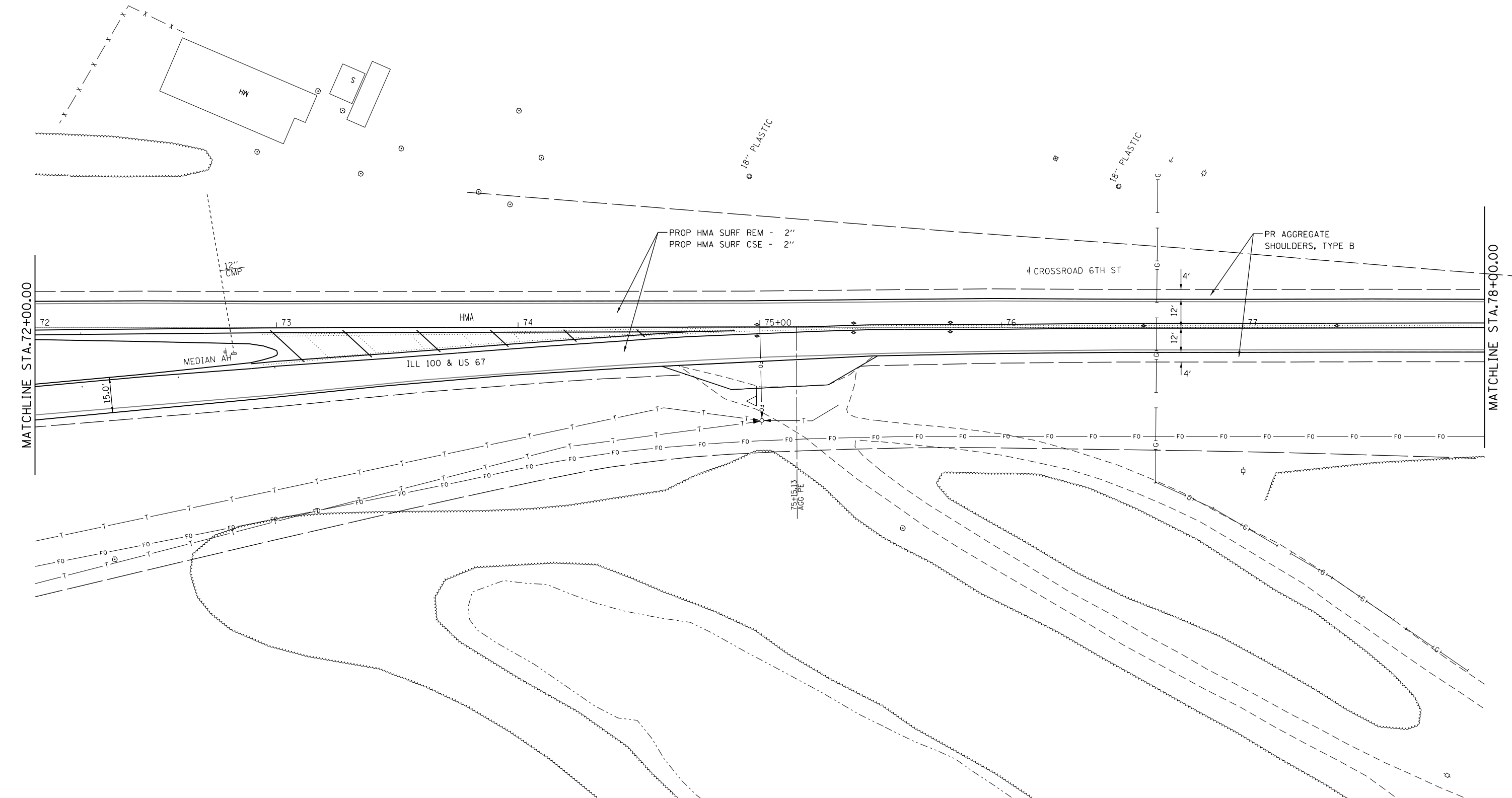
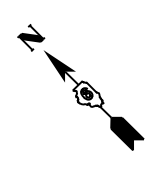
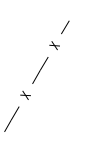
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Default	PLOT DATE = 12/5/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS
FAP 310 (US 67/IL 100)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(86-1)RS-4,1-2	CASS	24	12
CONTRACT NO. 72H07			ILLINOIS FED. AID PROJECT	



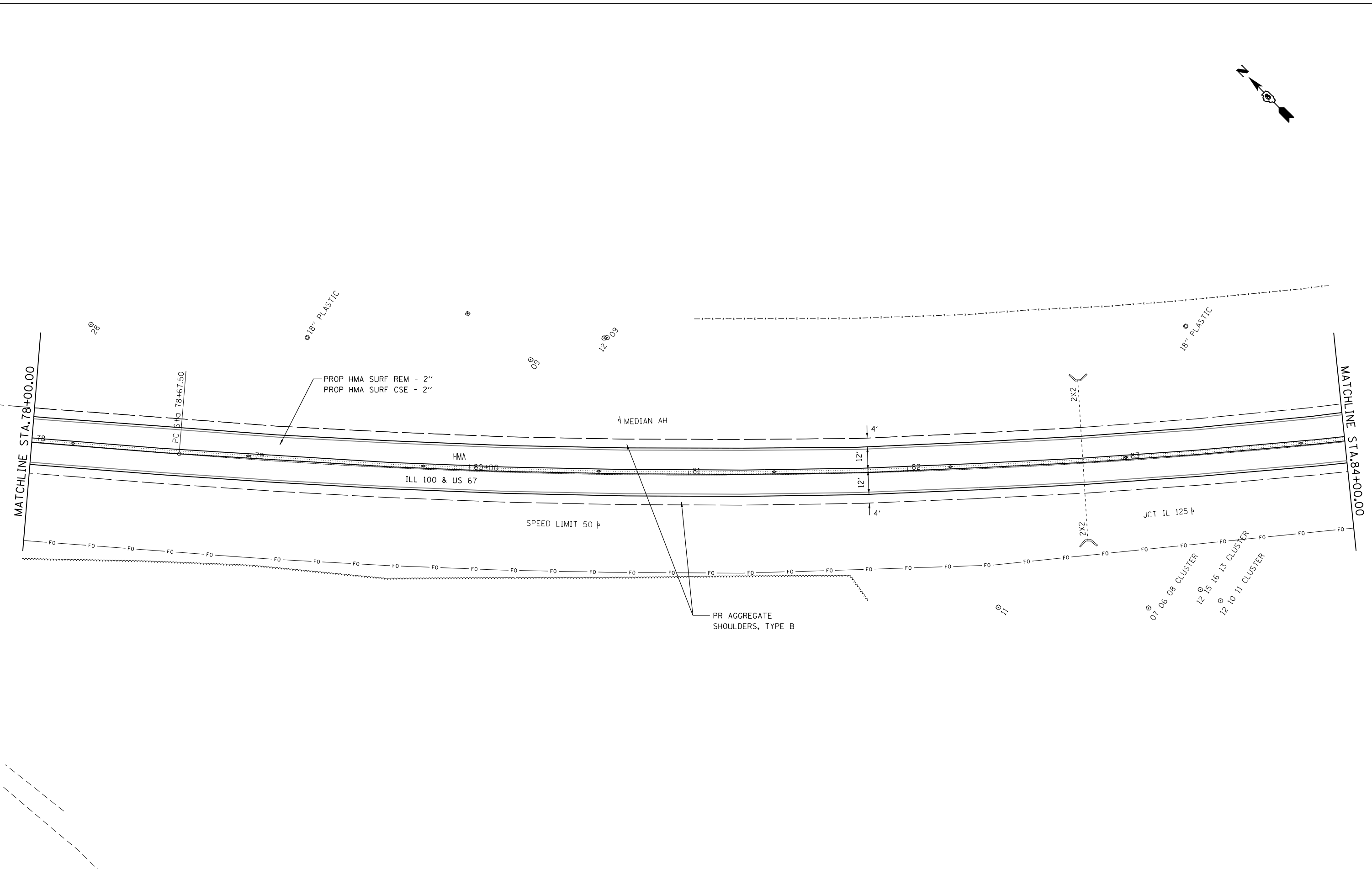
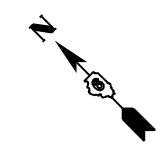
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/5/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS
FAP 310 (US 67/IL 100)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(86-1)RS-4,1-2	CASS	24	13
CONTRACT NO. 72H07			ILLINOIS FED. AID PROJECT	



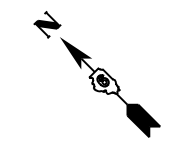
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	PLOT DATE = 12/5/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS
FAP 310 (US 67/IL 100)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(86-1)RS-4,1-2	CASS	24	14
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72H07	



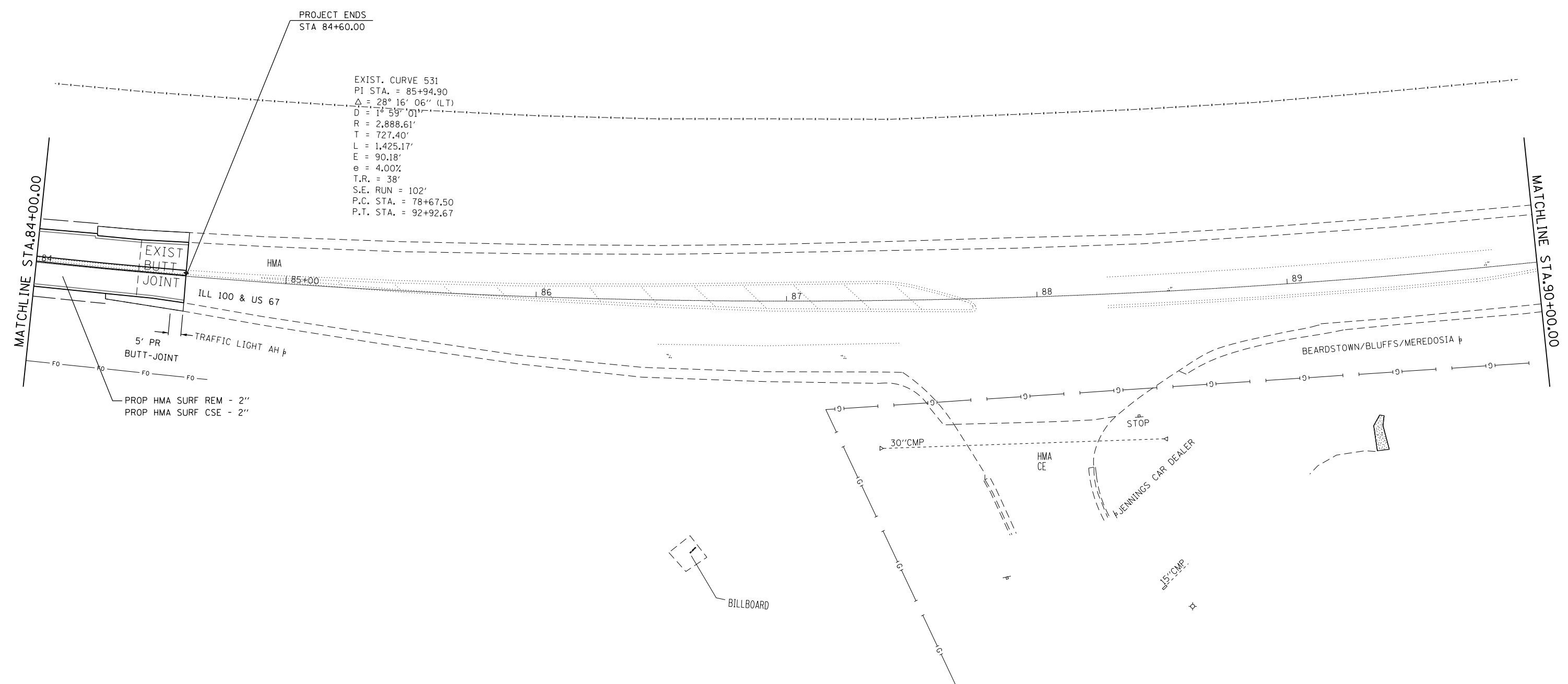
PROJECT ENDS
STA 84+60.00

EXIST. CURVE 531
PI STA. = 85+94.90
 $\Delta = 28^{\circ} 16' 06''$ (LT)
D = 1^o 59' 01"
R = 2,888.61'
T = 727.40'
L = 1,425.17'
E = 90.18'
e = 4.00%
T.R. = 38'
S.E. RUN = 102'
P.C. STA. = 78+67.50
P.T. STA. = 92+92.67

MATCHLINE STA. 84+00.00

MATCHLINE STA. 90+00.00

EXIST BUTT JOINT
HMA
ILL 100 & US 67
5' PR BUTT-JOINT
TRAFFIC LIGHT AH
PROP HMA SURF REM - 2"
PROP HMA SURF CSE - 2"



FILE NAME =	USER NAME = blkleyba	DESIGNED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

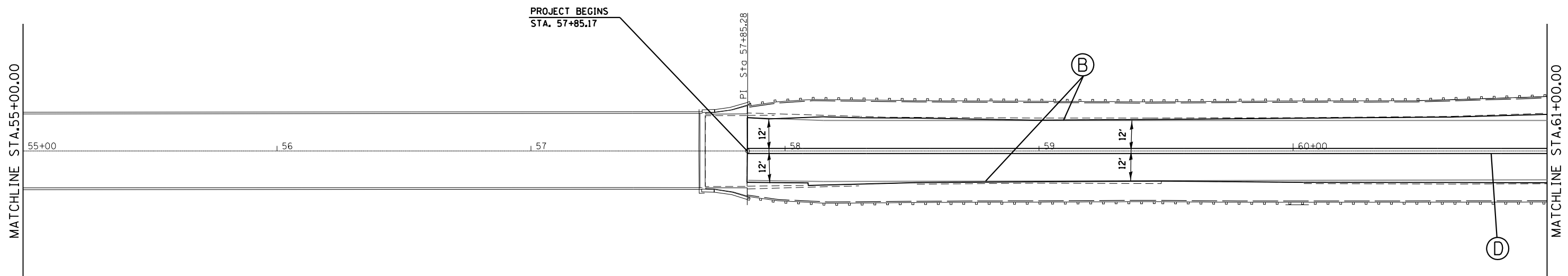
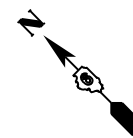
**PLAN SHEETS
FAP 310 (US 67/IL 100)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(86-1)RS-4,1-2	CASS	24	15
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72H07	

PAVEMENT MARKING LEGEND

- (A) THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS WHITE (SOLID)
- (B) THERMOPLASTIC PAVEMENT MARKING, LINE - 5" WHITE (SOLID)
- (C) THERMOPLASTIC PAVEMENT MARKING, LINE - 5" YELLOW (SOLID)
- (D) THERMOPLASTIC PAVEMENT MARKING, LINE - 5" DOUBLE YELLOW (SOLID)
- (E) THERMOPLASTIC PAVEMENT MARKING, LINE - 8" WHITE (SOLID)
- (F) THERMOPLASTIC PAVEMENT MARKING, LINE - 12" YELLOW (SOLID)
- (G) THERMOPLASTIC PAVEMENT MARKING, LINE - 12" WHITE (SOLID)
- (H) THERMOPLASTIC PAVEMENT MARKING, LINE - 24" WHITE (SOLID)
- (I) THERMOPLASTIC PAVEMENT MARKING, LINE - 5" WHITE (DOTTED)



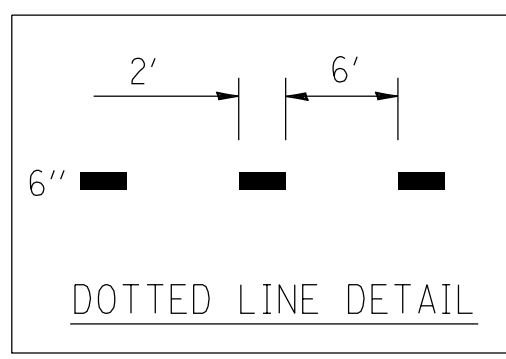
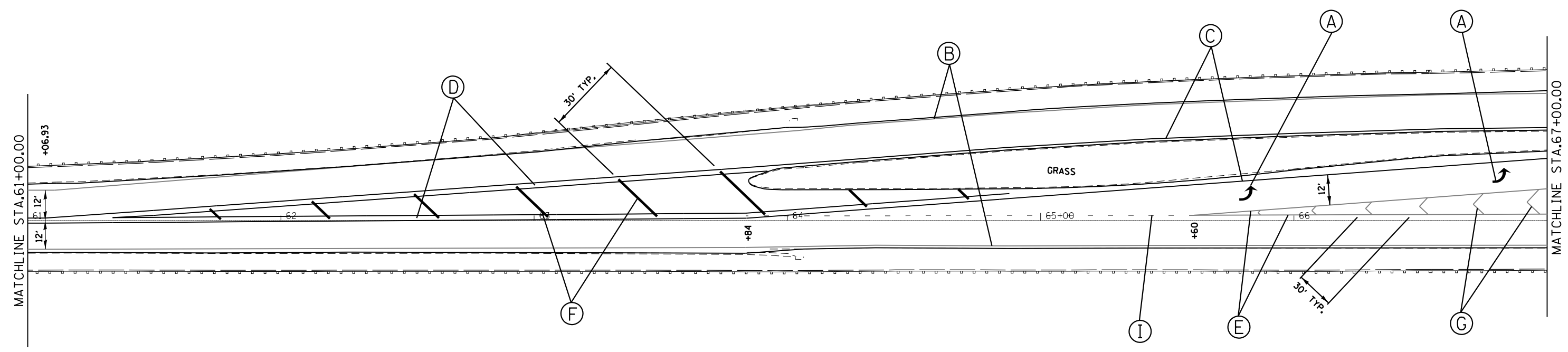
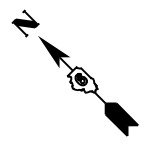
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/5/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING SHEET
FAP 310 (US 67/IL 100)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(86-1)RS-4, I-2	CASS	24	16
				CONTRACT NO. 72H07
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.



PAVEMENT MARKING LEGEND	
Ⓐ	THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS WHITE (SOLID)
Ⓑ	THERMOPLASTIC PAVEMENT MARKING, LINE - 5" WHITE (SOLID)
Ⓒ	THERMOPLASTIC PAVEMENT MARKING, LINE - 5" YELLOW (SOLID)
Ⓓ	THERMOPLASTIC PAVEMENT MARKING, LINE - 5" DOUBLE YELLOW (SOLID)
Ⓔ	THERMOPLASTIC PAVEMENT MARKING, LINE - 8" WHITE (SOLID)
Ⓕ	THERMOPLASTIC PAVEMENT MARKING, LINE - 12" YELLOW (SOLID)
Ⓖ	THERMOPLASTIC PAVEMENT MARKING, LINE - 12" WHITE (SOLID)
Ⓗ	THERMOPLASTIC PAVEMENT MARKING, LINE - 24" WHITE (SOLID)
Ⓘ	THERMOPLASTIC PAVEMENT MARKING, LINE - 5" WHITE (DOTTED)

FILE NAME =	USER NAME = blkleyba	DESIGNED -	REVISED -
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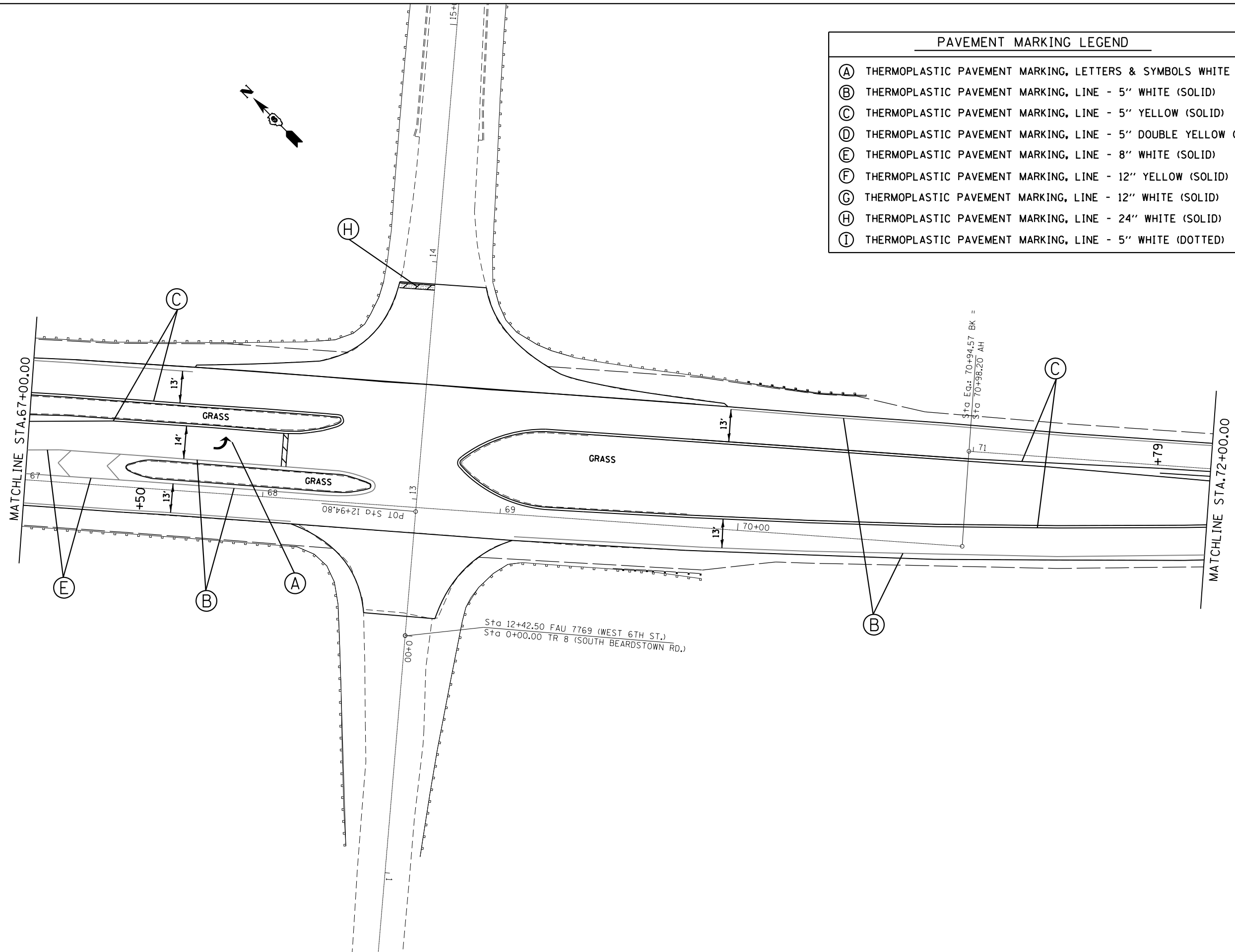
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING SHEET
FAP 310 (US 67/IL 100)**

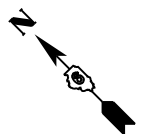
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(86-1)RS-4,1-2	CASS	24	17
CONTRACT NO. 72H07			ILLINOIS FED. AID PROJECT	

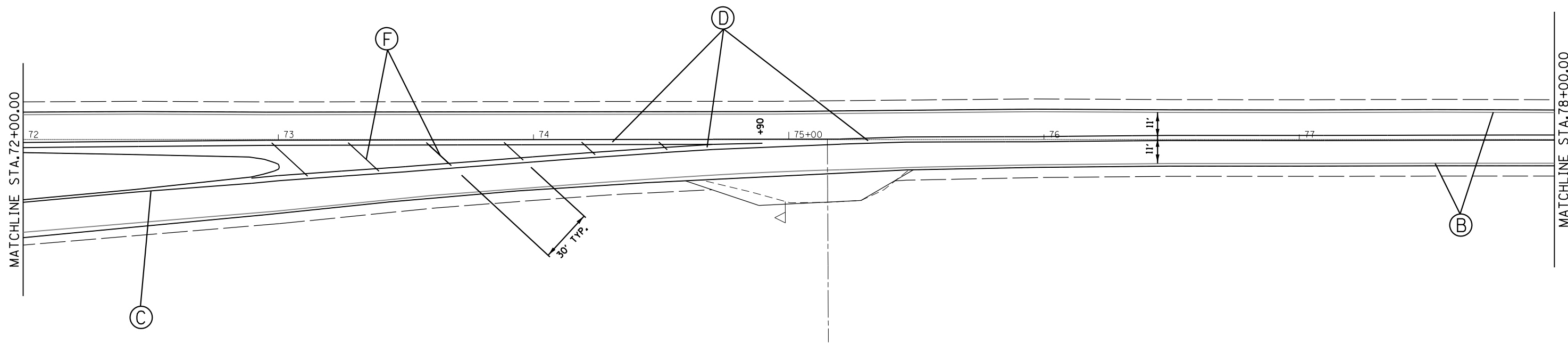
PAVEMENT MARKING LEGEND	
(A)	THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS WHITE (SOLID)
(B)	THERMOPLASTIC PAVEMENT MARKING, LINE - 5" WHITE (SOLID)
(C)	THERMOPLASTIC PAVEMENT MARKING, LINE - 5" YELLOW (SOLID)
(D)	THERMOPLASTIC PAVEMENT MARKING, LINE - 5" DOUBLE YELLOW (SOLID)
(E)	THERMOPLASTIC PAVEMENT MARKING, LINE - 8" WHITE (SOLID)
(F)	THERMOPLASTIC PAVEMENT MARKING, LINE - 12" YELLOW (SOLID)
(G)	THERMOPLASTIC PAVEMENT MARKING, LINE - 12" WHITE (SOLID)
(H)	THERMOPLASTIC PAVEMENT MARKING, LINE - 24" WHITE (SOLID)
(I)	THERMOPLASTIC PAVEMENT MARKING, LINE - 5" WHITE (DOTTED)



FILE NAME =	USER NAME = blkleyba	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SHEET FAP 310 (US 67/IL 100)				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PAVEMENT MARKING LEGEND	
(A)	THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS WHITE (SOLID)
(B)	THERMOPLASTIC PAVEMENT MARKING, LINE - 5" WHITE (SOLID)
(C)	THERMOPLASTIC PAVEMENT MARKING, LINE - 5" YELLOW (SOLID)
(D)	THERMOPLASTIC PAVEMENT MARKING, LINE - 5" DOUBLE YELLOW (SOLID)
(E)	THERMOPLASTIC PAVEMENT MARKING, LINE - 8" WHITE (SOLID)
(F)	THERMOPLASTIC PAVEMENT MARKING, LINE - 12" YELLOW (SOLID)
(G)	THERMOPLASTIC PAVEMENT MARKING, LINE - 12" WHITE (SOLID)
(H)	THERMOPLASTIC PAVEMENT MARKING, LINE - 24" WHITE (SOLID)
(I)	THERMOPLASTIC PAVEMENT MARKING, LINE - 5" WHITE (DOTTED)

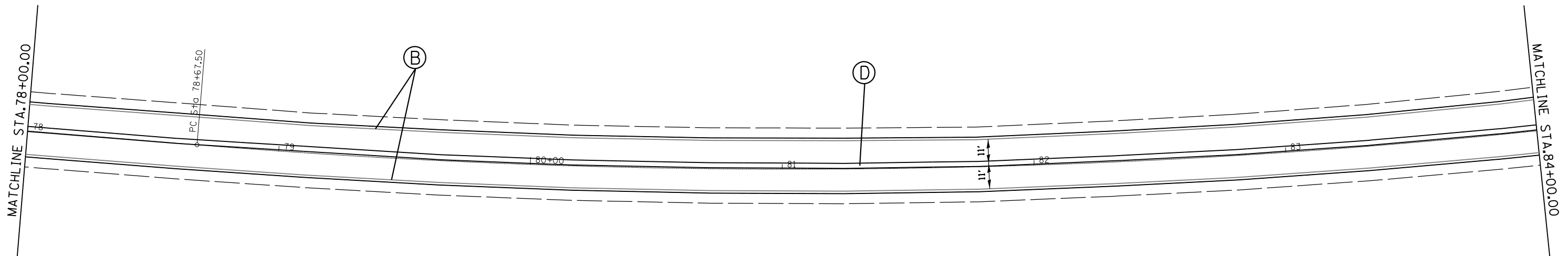
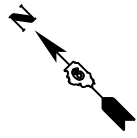


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SHEET			
FAP 310 (US 67/IL 100)			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO.			72H07	
ILLINOIS FED. AID PROJECT				



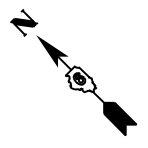
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(A)	THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS WHITE (SOLID)
(B)	THERMOPLASTIC PAVEMENT MARKING, LINE - 5" WHITE (SOLID)
(C)	THERMOPLASTIC PAVEMENT MARKING, LINE - 5" YELLOW (SOLID)
(D)	THERMOPLASTIC PAVEMENT MARKING, LINE - 5" DOUBLE YELLOW (SOLID)
(E)	THERMOPLASTIC PAVEMENT MARKING, LINE - 8" WHITE (SOLID)
(F)	THERMOPLASTIC PAVEMENT MARKING, LINE - 12" YELLOW (SOLID)
(G)	THERMOPLASTIC PAVEMENT MARKING, LINE - 12" WHITE (SOLID)
(H)	THERMOPLASTIC PAVEMENT MARKING, LINE - 24" WHITE (SOLID)
(I)	THERMOPLASTIC PAVEMENT MARKING, LINE - 5" WHITE (DOTTED)

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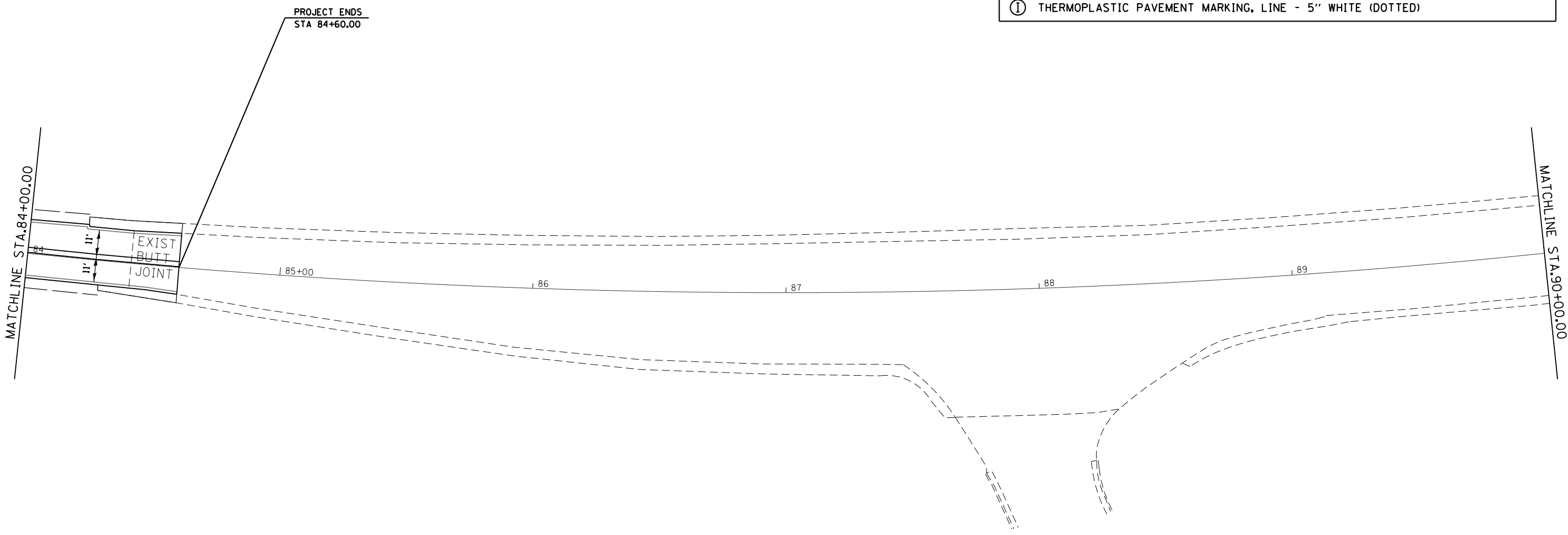
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SHEET			
FAP 310 (US 67/IL 100)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(86-1)RS-4,1-2	CASS	24	20
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72H07	

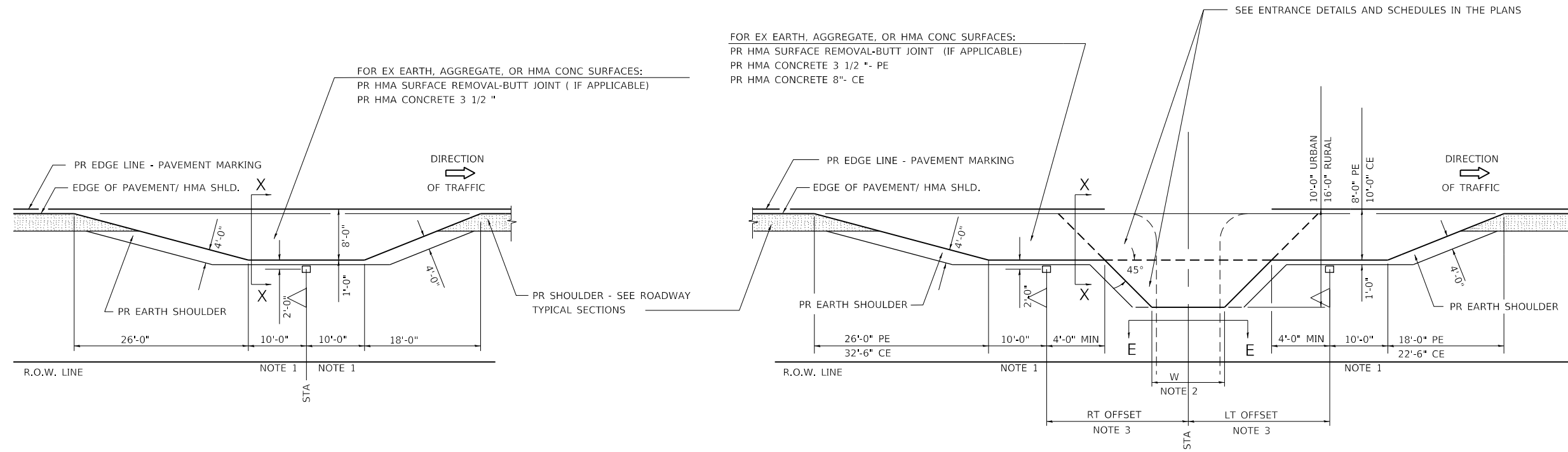


PAVEMENT MARKING LEGEND	
Ⓐ	THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS WHITE (SOLID)
Ⓑ	THERMOPLASTIC PAVEMENT MARKING, LINE - 5" WHITE (SOLID)
Ⓒ	THERMOPLASTIC PAVEMENT MARKING, LINE - 5" YELLOW (SOLID)
Ⓓ	THERMOPLASTIC PAVEMENT MARKING, LINE - 5" DOUBLE YELLOW (SOLID)
Ⓔ	THERMOPLASTIC PAVEMENT MARKING, LINE - 8" WHITE (SOLID)
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Ⓖ	THERMOPLASTIC PAVEMENT MARKING, LINE - 12" WHITE (SOLID)
Ⓗ	THERMOPLASTIC PAVEMENT MARKING, LINE - 24" WHITE (SOLID)
Ⓘ	THERMOPLASTIC PAVEMENT MARKING, LINE - 5" WHITE (DOTTED)



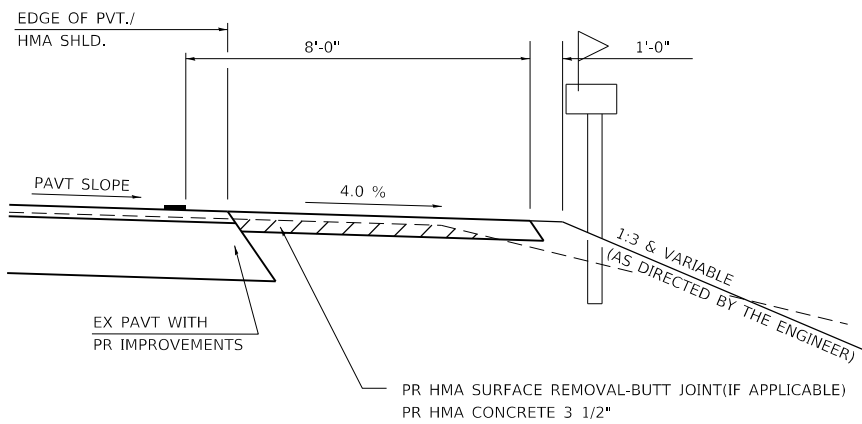
FILE NAME =	USER NAME = blkleyba	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SHEET FAP 310 (US 67/IL 100)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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DETAILS OF MAILBOX TURNOUTS



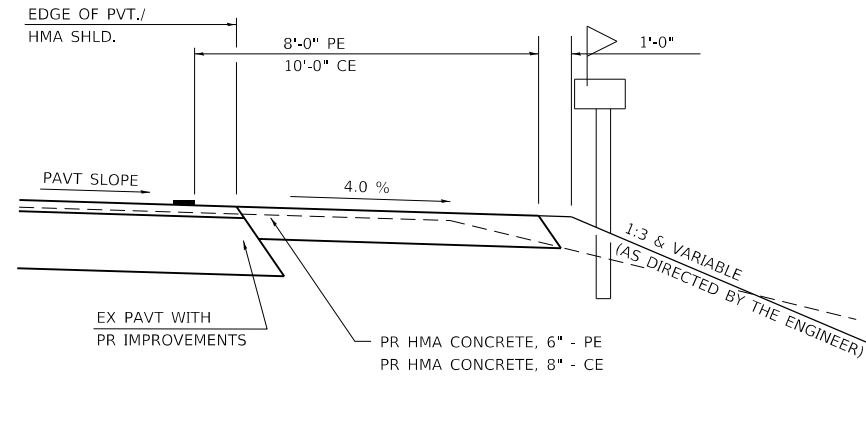
PLAN - MAILBOX TURNOUTS

PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE



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.

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 DATE: 12/5/2019

400-ENT PPP.DGN

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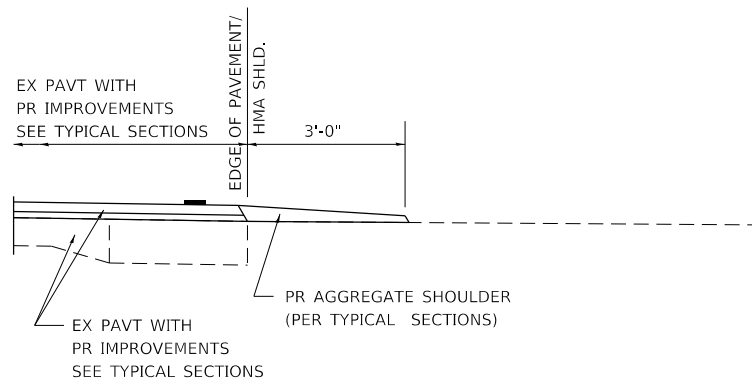
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

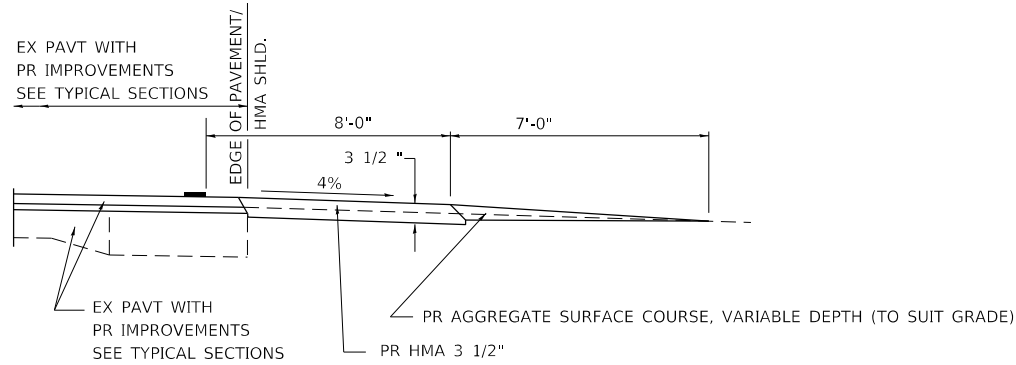
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	***	CASS	24	23
CONTRACT NO. 72H07				
ILLINOIS FED. AID PROJECT				

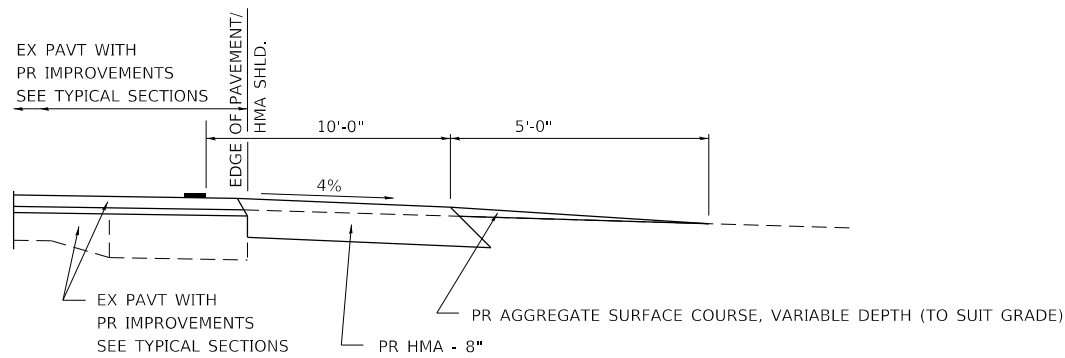
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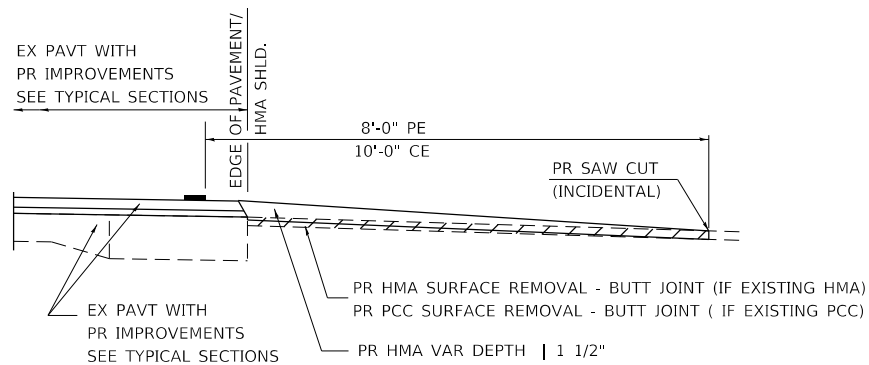
SECTION A-A FOR EX EARTH/ AGGREGATE FE



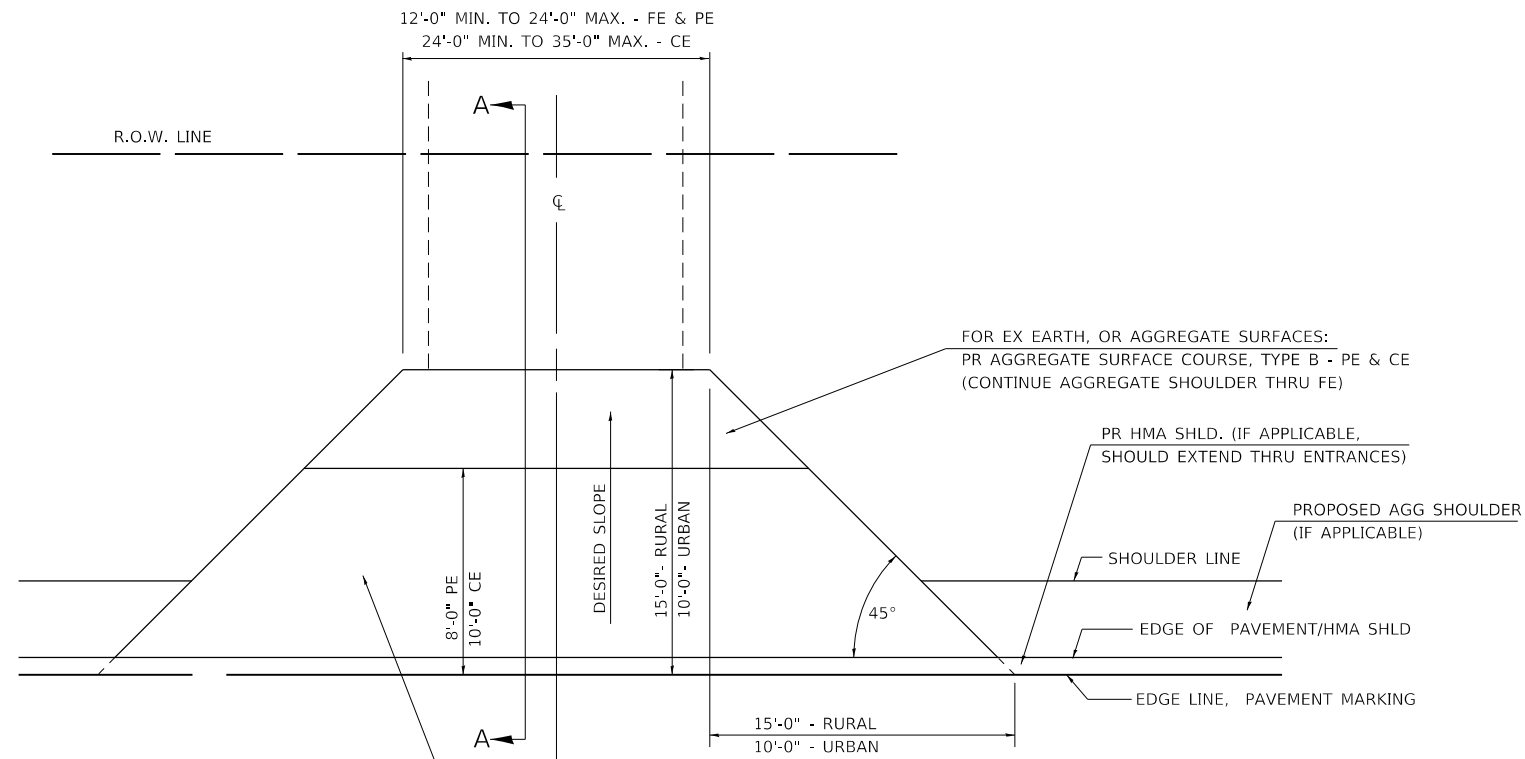
SECTION A-A FOR EX EARTH/AGGREGATE PE



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.

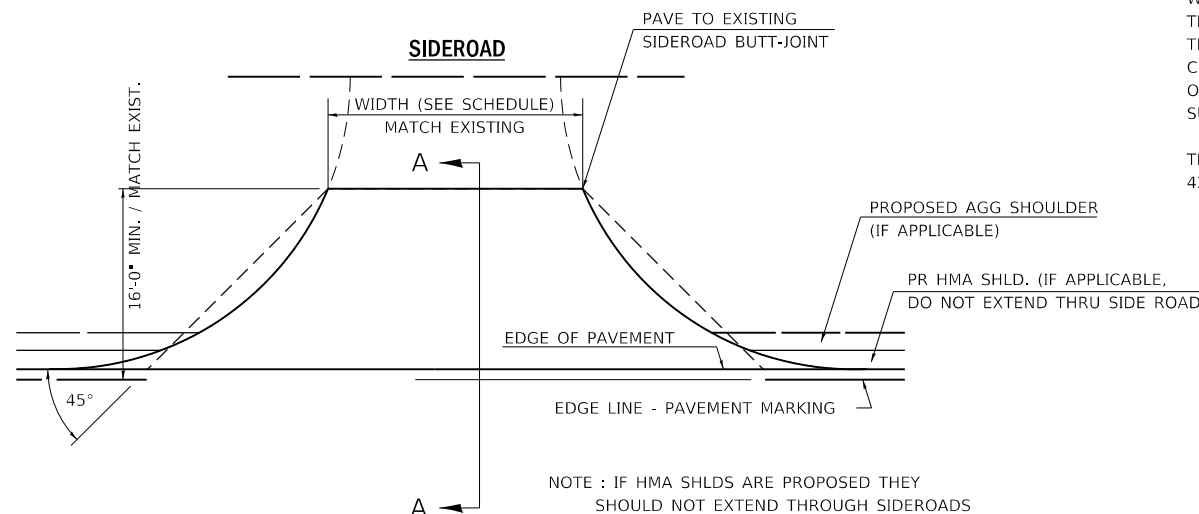
THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

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.



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

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

MODEL: Default FILE: 400-ENT_PPP.DGN PROJECT: 20190627107/Exec/400-ENT_PPP.DGN CADD: 20190627107/CADD/400-ENT_PPP.DGN SHEETS: 24/24 SHEET: 24/24

400-ENT PPP.DGN

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PLOT DATE = 12/9/2019	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: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	***	CASS	24	24
CONTRACT NO. 72H07				
ILLINOIS FED. AID PROJECT				

*** (86-1)RS-4 I-2