

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
17	(125,H)RS-3	DEKALB	42	1
		ILLINOIS	CONTRACT NO. 66E20	

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3-7 SUMMARY OF QUANTITIES
- 8 TYPICAL SECTIONS
- 9-15 SCHEDULES
- 16 PROJECT LAYOUT
- 17-39 RETAINING WALL PLANS
- 40-42 DETAILS

**LIST OF ILLINOIS DOT HIGHWAY STANDARDS**

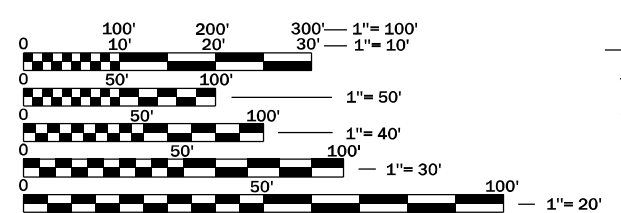
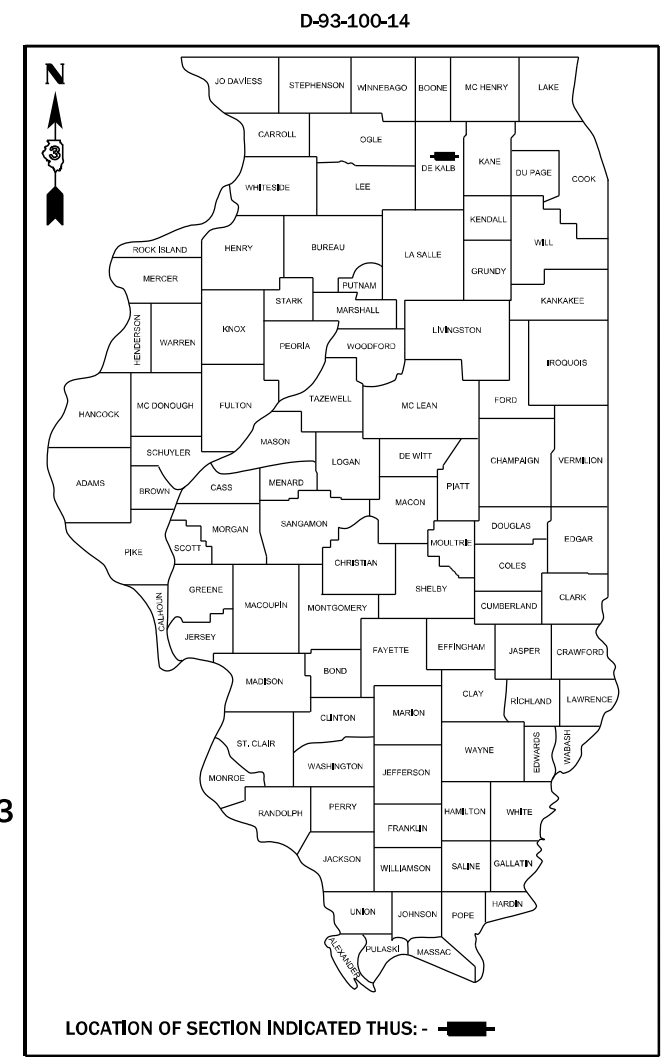
- 000001 08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 406201-01 MAILBOX TURNOUT
- 630001-12 STEEL PLATE BEAM GUARDRAIL
- 630101-10 STRONG POST GUARDRAIL ATTACHED TO CULVERT
- 630106-02 LONG-SPAN GUARDRAIL OVER CULVERT
- 631031-17 TRAFFIC BARRIER TERMINAL, TYPE 6
- 635001-02 DELINEATORS
- 667101-02 PERMANENT SURVEY MARKERS
- 701001-02 OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' (4.5 m) AWAY
- 701006-05 OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701326-04 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
- 701901-08 TRAFFIC CONTROL DEVICES
- 725001-01 OBJECT AND TERMINAL MARKERS
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 782006-01 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

# PROPOSED HIGHWAY PLANS

## FAP ROUTE 17 (IL 64) SECTION (125,H)RS-3 PROJECT STP- YWBI(561) 3P MILLING AND RESURFACING DEKALB COUNTY

C-93-156-14

**OMISSIONS:**  
SN 019-2004 881+41.8 - 881+70.3  
SN 019-0012 612+00 - 613+83  
PEACE RD. 647+76.6 - 653+26.6

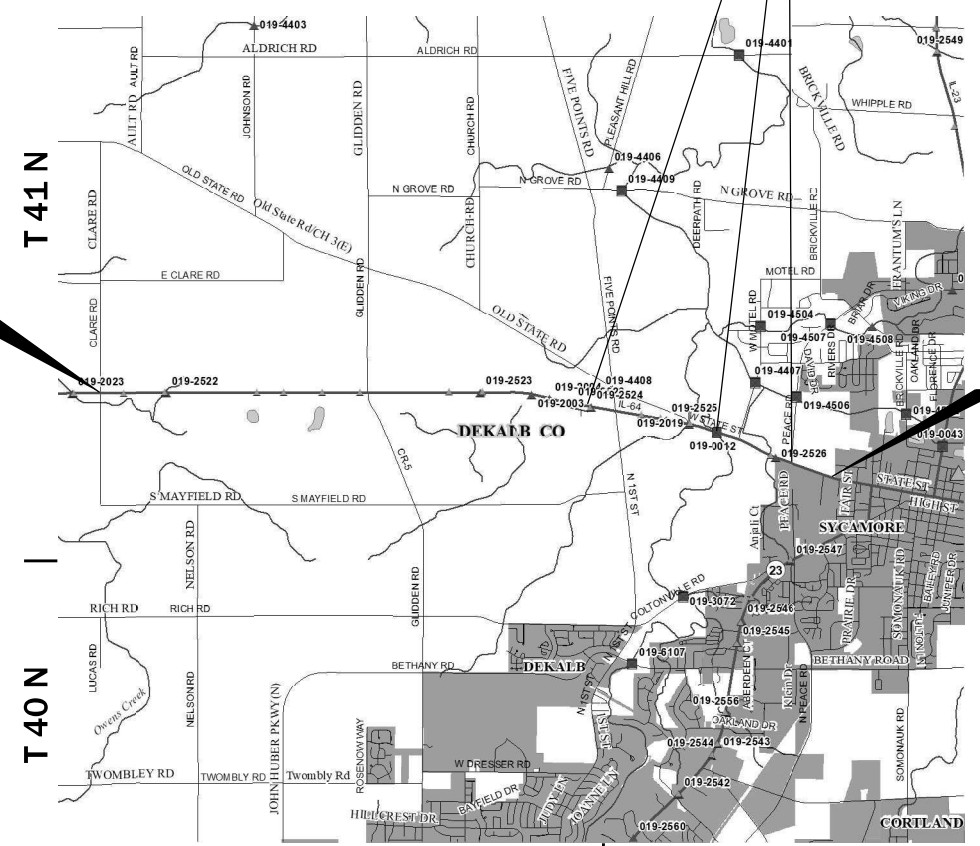


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

**PROJECT ENGINEER: BRAD DUNCAN, P.E.**  
**UNIT CHIEF: DARCY CARPENTER**  
DISTRICT 3 NO. (815) 434-6131  
CONTRACT NO. 66E20

**PROJECT BEGINS  
STA. 318+90  
CLARE RD.**



**PROJECT ENDS  
STA. 665+92  
JOINT AT JOHNSON ST**

GROSS LENGTH = 34,670 FT. = 6.57 MILES  
NET LENGTH = 33,937 FT. = 6.43 MILES

**MINOR ARTERIAL RURAL**  
**2019 ADT = 8250**  
**PV = 93.00% SU = 2.00% MU = 5.00%**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED October 22, 2021

*David Almond*  
REGIONAL ENGINEER

December 10, 2021  
*[Signature]*  
ENGINEER OF DESIGN AND ENVIRONMENT

December 10, 2021  
*Stephen M. Smith*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS**

**GENERAL NOTES**

THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK WILL BE INCLUDED IN THE COST OF THE HMA SURFACE.

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT /100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD
LEVEL BINDER (HAND METHOD)	0.0005	TONS / SQ YD
SUPPLEMENTAL WATERING	3	GAL / SQ YD / APPLICATION
CALCIUM CHLORIDE	2	LB / SQ YD / APPLICATION
AGGREGATE DITCH CHECKS	5	TONS AGGREGATE

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

NON-MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

LOCATIONS:	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	HMA	HMA	HMA
	BINDER COURSE	SURFACE COURSE	INCIDENTAL
BINDER GRADE (PG):	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N70	4.0% @ N70	4.0% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL-19.0	IL-9.5	IL-9.5
FRICITION AGGREGATE:		MIXTURE D	MIXTURE C
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QCP	QCP	QC/QA
SUBLOT SIZE:	1000 TONS	1000 TONS	N/A
DENSITY TEST METHOD:	CORES	CORES	SATISFACTION OF THE ENGINEER
MATERIAL TRANSFER DEVICE:	YES	YES	NO

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE  
AS BUILT INFORMATION

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE

\_\_\_\_\_  
SUPERVISING CONSTRUCTION FIELD ENGINEER

PREPARED BY: \_\_\_\_\_  
DISTRICT STUDIES & PLANS ENGINEER

\_\_\_\_\_  
RESIDENT ENGINEER / TECHNICIAN

DATE: \_\_\_\_\_

START & END DATES  
OF CONSTRUCTION:

\_\_\_\_\_

INSPECTORS:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

EXAMINED BY: \_\_\_\_\_  
DISTRICT CONSTRUCTION ENGINEER

\_\_\_\_\_  
DISTRICT MATERIALS ENGINEER

\_\_\_\_\_  
DISTRICT OPERATIONS ENGINEER

FILE NAME =	USER NAME = pletschr	DESIGNED - _____	REVISED - _____	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\idol-pw.bentley.com\PWIDOT\Documents\IDOT Office\District 3\Projects\I366E20\CADData\I366E20-sh-lcover.dgn	DRAWN - _____	REVISED - _____	17			(125,H)RS-3	DEKALB	42	2		
Default	PLOT SCALE = 100,0000' / in.	CHECKED - _____	REVISED - _____			CONTRACT NO. 66E20					
	PLOT DATE = 10/20/2021	DATE - _____	REVISED - _____			SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____ TO STA. _____	ILLINOIS   FED. AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% FED 20% STATE		RETAINING WALL
				ROADWAY 0005 RURAL	ROADWAY 0005 URBAN	0044 S.N. 019-8800
20200100	EARTH EXCAVATION	CU YD	282.9	209.6	73.3	
20400800	FURNISHED EXCAVATION	CU YD	6	4.2	1.8	
21400100	GRADING AND SHAPING DITCHES	FOOT	2350	1870	480	
25000210	SEEDING, CLASS 2A	ACRE	0.5	0.37	0.13	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	38	29	9	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	38	29	9	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	38	29	9	
25100630	EROSION CONTROL BLANKET	SQ YD	2037.3	1572.1	465.2	
28100105	STONE RIPRAP, CLASS A3	SQ YD	15			15
28100107	STONE RIPRAP, CLASS A4	SQ YD	66	66		
28200200	FILTER FABRIC	SQ YD	81	66		15
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	1098	916	182	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	11465	8187	3278	
40600370	LONGITUDINAL JOINT SEALANT	FOOT	33937	25845	8092	

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pw:\idol-pw.bentley.com\PWIDOT\Documents\IDOT Office\District 3\Projects\I366E20\CADData\I366E20-shl-cover.dgn	DRAWN - _____	REVISED - _____	REVISED - _____					17	(125,H)RS-3	DEKALB	42	3
Default	PLOT SCALE = 100,0000' / in.	CHECKED - _____	REVISED - _____		SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____			CONTRACT NO. 66E20				
	PLOT DATE = 10/22/2021	DATE - _____	REVISED - _____					ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% FED 20% STATE		RETAINING WALL
				ROADWAY 0005 RURAL	ROADWAY 0005 URBAN	0044 S.N. 019-8800
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	37	28	9	
40600901	HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), N70	TON	61	46	15	
40600990	TEMPORARY RAMP	SQ YD	512	212	300	
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	16991	12865	4126	
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	10195	7719	2476	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	588	322	266	
44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	121367	91894	29473	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	2576	1962	614	
51500100	NAME PLATES	EACH	1			1
52200015	PERMANENT SHEET PILING	SQ FT	18837			18837
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	161			161
60905305	BOX CULVERTS TO BE CLEANED	FOOT	150	100	50	
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	3437.5	2487.5	950	
* 63000030	STRONG POST GUARDRAIL ATTACHED TO CULVERT	FOOT	250	250		

\*= SPECIALTY ITEM

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pw:\idol-pw.bentley.com\PWIDOT\Documents\IDOT Office\District 3\Projects\I366E20\CADData\I366E20-shl-cover.dgn	DRAWN - _____	REVISED - _____	REVISED - _____					17	(125,H)RS-3	DEKALB	42	4
Default	PLOT SCALE = 100,0000' / in.	CHECKED - _____	REVISED - _____		SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____			CONTRACT NO. 66E20				
	PLOT DATE = 10/22/2021	DATE - _____	REVISED - _____					ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY	ROADWAY	RETAINING WALL
				0005 RURAL	0005 URBAN	0044 S.N. 019-8800
* 63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	FOOT	125	75	50	
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4		4	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	32	20	12	
* 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	2	2		
63200310	GUARDRAIL REMOVAL	FOOT	7775	4937.5	2837.5	
63500105	DELINEATORS	EACH	16	12	4	
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	67873	51690	16183	
* 66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	9	9		
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	12	12		
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1		
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1		
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1		
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	1	1		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5	3	2	

\*= SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% FED 20% STATE		RETAINING WALL
				ROADWAY 0005 RURAL	ROADWAY 0005 URBAN	0044 S.N. 019-8800
67100100	MOBILIZATION	L SUM	1	0.75	0.25	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.75	0.25	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.75	0.25	
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	10459	7879	2580	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	3453	2601	852	
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	32	20	12	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	214.8	99.6	115.2	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	11537		11537	
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	353		353	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	692		692	
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	128171	102202	25969	
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	16326	13135	3191	
* 78003181	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - STANDARD - LINE 24"	FOOT	324	96	228	

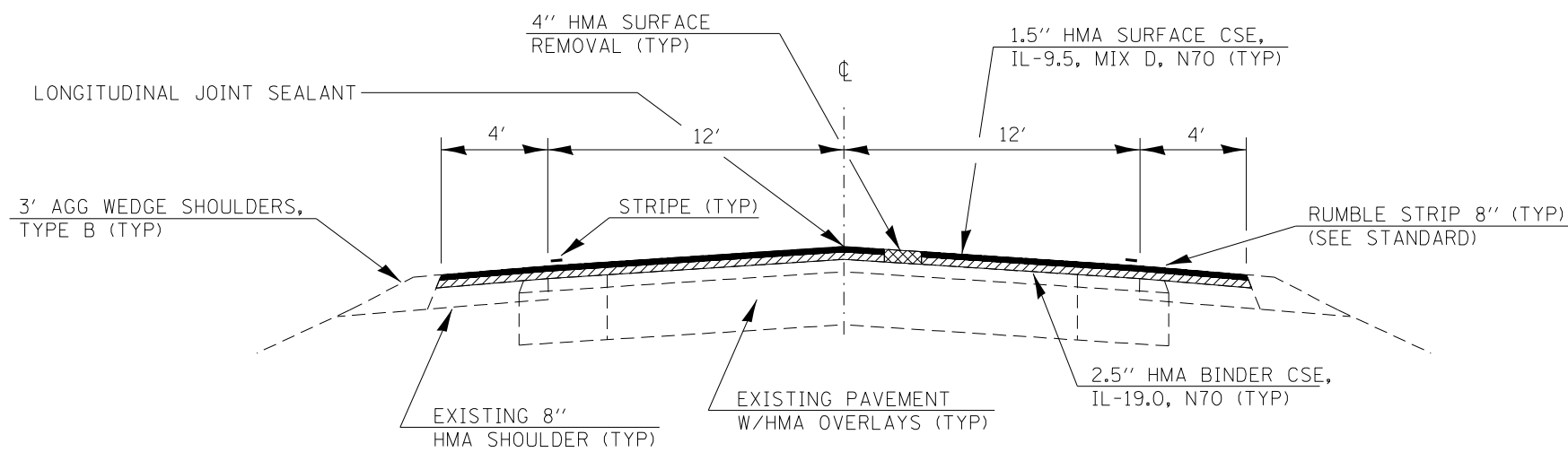
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% FED 20% STATE		RETAINING WALL
				ROADWAY 0005 RURAL	ROADWAY 0005 URBAN	0044 S.N. 019-8800
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SO FT	214.8	99.6	115.2	
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	11537		11537	
* 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	353		353	
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	324	96	228	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	447	333	114	
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	62	42	20	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	447	333	114	
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	5251	2878	2373	
X4830030	PORTLAND CEMENT CONCRETE SHOULDERS 8" (SPECIAL)	SQ YD	758	758		
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	42	21	21	
Z0034105	MATERIAL TRANSFER DEVICE	TON	27187	16991	10196	
Z0055300	RUMBLE STRIP	EACH	12	12		

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	PLOT DATE = 10/22/2021	DATE - _____	REVISED - _____					ILLINOIS FED. AID PROJECT				



**PROPOSED TYPICAL SECTION**

STA. 318+90 TO STA. 612+00  
 STA. 613+83 TO STA. 665+92

FILE NAME =	USER NAME = pletschr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\idot-pw.bentley.com\PWIDOT\Documents\IDOT Offices\District 3\Projects\0366E20\CADRAW\0366E20-shd-details.dgn		CHECKED -	REVISED -		17	1125, HRS-3	DEKALB	42	8			
Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -		SCALE: SHEET NO. 3 OF 12 SHEETS STA. TO STA.			CONTRACT NO. 66E20				
	PLOT DATE = 10/22/2021				ILLINOIS FED. AID PROJECT							





SIDEROADS															
NAME	STATION	MATERIAL	SIDE	WIDTH FRONT	WIDTH BACK	VARIABLE DEPTH SURF REM	INCIDENTAL HMA SURF	BIT MATL (TACK COAT)	FURNISH EX	SEEDING CL 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	EROSION CONTROL BLANKET	TEMP RAMP
						SQ YD	TON	POUND	CU YD	ACRE	POUND	POUND	POUND	SQ YD	SQ YD
RURAL															
CLARE RD	319+34	HMA	LT	130	40	283.3	31.7	127.5	0.6	0.01	0.9	0.9	0.9	48.4	13.3
		HMA	RT	90	30	133.3	14.9	60.0	0.6	0.01	0.9	0.9	0.9	48.4	10.0
GLIDDEN RD	445+78	HMA	LT	88	30	295.0	33.0	132.8	0.6	0.01	0.9	0.9	0.9	48.4	10.0
		HMA	RT	92	32	206.7	23.1	93.0	0.6	0.01	0.9	0.9	0.9	48.4	10.7
SHANNON LN	897+33.5	HMA	RT	72	22	156.7	17.5	70.5	0.6	0.01	0.9	0.9	0.9	48.4	7.3
FIVE POINTS RD	563+40	HMA	LT	78	30	210.0	23.5	94.5	0.6	0.01	0.9	0.9	0.9	48.4	10.0
		HMA	RT	92	26	262.2	29.4	118.0	0.6	0.01	0.9	0.9	0.9	48.4	8.7
SUBTOTALS						1547	173	696	4.2	0.07	6	6	6	338.8	70
URBAN															
OLD STATE RD	603+50	HMA	LT	152	26	1483.3	166.1	667.5	0.6	0.01	0.9	0.9	0.9	48.4	8.7
MOTEL RD	623+24	HMA	LT	86	22	210.0	23.5	94.5	0.6	0.01	0.9	0.9	0.9	48.4	7.3
LIBERTY LN	627+18	HMA	RT	115	96	410.3	46.0	184.6	0.6	0.01	0.9	0.9	0.9	48.4	32.0
SUBTOTALS						2104	236	947	1.8	0.03	3	3	3	145.2	48
<b>TOTALS</b>						<b>3651</b>	<b>409</b>	<b>1643</b>	<b>6</b>	<b>0.10</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>484</b>	<b>118</b>

ILL RTE 64		LOCATION: CLARE RD TO 0.4 MI W OF IL 23(S) IN SYCAMORE				DEKALB COUNTY	
MONUMENT NUMBER	DESCRIPTION	APPROXIMATE LOCATION	EXISTING MONUMENT TYPE	PROPOSED MONUMENT TYPE	MONUMENT RECORD TO BE RECORDED	RESPONSIBILITY	
064115	E QTR CORNER SECTION 25, T41N, R3E, 3RD PM	CLARE RD INTERSECTION	MISSING	TYPE 1	YES	1	
064114	W QTR CORNER SECTION 30, T41N, R4E, 3RD PM	CLARE RD INTERSECTION	MISSING	TYPE 1	YES	1	
064116	CENTER OF SECTION 30, T41N, R4E, 3RD PM	2000' +/- E OF CLARE ROAD	MAG NAIL	TYPE 1	YES	1	
064117	W QTR CORNER SECTION 29, T41N, R4E, 3RD PM	4600' +/- E OF CLARE ROAD	MAG NAIL	TYPE 1	YES	1	
064118	CENTER OF SECTION 29, T41N, R4E, 3RD PM	1 MILE W OF GLIDDEN ROAD	MISSING	TYPE 1	YES	1	
064119	W QTR CORNER SECTION 28, T41N, R4E, 3RD PM	1/2 MILE W OF GLIDDEN ROAD	MISSING	TYPE 1	YES	1	
064120	CENTER OF SECTION 28, T41N, R4E, 3RD PM	GLIDDEN ROAD INTERSECTION	SURVEY NAIL	TYPE 1	YES	1	
064121	E QTR CORNER SECTION 28, T41N, R4E, 3RD PM	1/2 MILE E OF GLIDDEN ROAD	SURVEY NAIL	TYPE 1	YES	1	
064122	CENTER OF SECTION 27, T41N, R4E, 3RD PM	1 MILE E OF GLIDDEN ROAD	MISSING	TYPE 1	YES	1	

UPON PAVING COMPLETION, R.E. WILL DIRECT PLATS AND PLANS LAND SURVEYORS TO STAKE THE LOCATIONS FOR TYPE 1 MONUMENT CORING. PLATS AND PLANS WILL PREPARE AND RECORD THE REQUIRED MONUMENT RECORDS.  
NOTE: FOR BIDDING PURPOSES, NO CONTRACTED LAND SURVEYING SERVICES WILL BE REQUIRED FOR SETTING THE LISTED PERMANENT SURVEY MARKERS.

RESPONSIBILITY:  
1) RESIDENT TO RE-ESTABLISH MONUMENT (PAY ITEM REQUIRED. PERMANENT SURVEY MARKER, TYPE 1)  
2) PLATS AND PLANS TO RE-ESTABLISH MONUMENT

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USER NAME = pletschr	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 100,0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 10/22/2021	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE: _____		SCHEDULES		SHEET _____ OF _____ SHEETS		STA. _____ TO STA. _____	
		SECTION		COUNTY		TOTAL SHEETS	
17		(125,H)RS-3		DEKALB		42	
						CONTRACT NO. 66E20	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
17	(125,H)RS-3	DEKALB	42	10
ILLINOIS FED. AID PROJECT				

**GUARDRAIL SCHEDULE**

STRUCTURE	QUAD	EXISTING	LENGTH	SPBGR	LONG SPAN	STRONG POST	TRAF BAR TERM	TRAF BAR TERM	TRAF BAR	GUARDRAIL	TERM	GUARDRAIL
		LENGTH	OF	TYP A	GR OVER	GR ATTACHED	TYP 1 (SPL)	TYP 1 (SPL)	TERM	REFLECTORS	MARK	REMOVAL
		GR	NEED	6' POST	STRUCTURE	TO CULVERT	TANGENT	FLARED	TYP 6	TYPE A	DA	FOOT
		FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH	FOOT
SN 019-2522	EB	287.5	250	162.5	12.5		2			3	2	287.5
	WB	362.5	250	162.5	12.5		2			3	2	362.5
SN 019-2523	EB	437.5	250	162.5	12.5		2			3	2	437.5
	WB	437.5	250	162.5	12.5		2			3	2	437.5
SN 019-2003	EB	450	250	150		25	2			3	2	450
	WB	450	250	150		25	2			3	2	450
SN 019-2004	EB	475	250	125		50	2			3	2	475
	WB	475	250	125		50	2			3	2	475
SN 019-2020	EB	325	250	125		50	1	1		2	1	325
	WB	1137.5	1137.5	1000	12.5	50	1	1		13	1	1137.5
SN 019-2524	EB	100	250	162.5	12.5		2			3	2	100
	WB	*										
<b>SUBTOTALS</b>				2487.5	75	250	20	2	0	42	20	4937.5
<b>URBAN</b>												
SN 019-2525	EB	450	250	162.5	12.5		2			3	2	450
	WB	450	250	162.5	12.5		2			3	2	450
SN 019-0012	NE	387.5	137.5	100			1		1	2	1	387.5
	SE	262.5	87.5	50			1		1	2	1	262.5
	NW	150	87.5	50			1		1	2	1	150
	SW	237.5	137.5	100			1		1	2	1	237.5
SN 019-2526	EB	450	250	162.5	12.5		2			3	2	450
	WB	450	250	162.5	12.5		2			3	2	450
<b>SUBTOTALS</b>				950	50	0	12	0	4	20	12	2837.5
<b>PROJECT TOTAL</b>				3437.5	125.0	250	32	2	4	62	32	7775

\* WB guardrail for SN 019-2020 is continuous east past SN 019-2524.

MODEL: Default  
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	DRAWN - _____	REVISED - _____
PLOT SCALE = 100,0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 10/22/2021	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULES</b>	
SCALE: _____	SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE. 17	SECTION (125,H)RS-3	COUNTY DEKALB	TOTAL SHEETS 42	SHEET NO. 11
			CONTRACT NO. 66E20	
ILLINOIS FED. AID PROJECT				

DRAINAGE SCHEDULE															
LOCATION	SIDE	LENGTH	WIDTH	DEPTH	GRADING AND SHAPING DITCHES	EARTH EX	STONE RIPRAP, CL A4	FILTER FABRIC	BOX CULVERTS TO BE CLEANED	SEEDING CL 2A	NITRO FERT NUT	PHOSP FERT NUT	POT FERT NUT	EROSION CONTROL BLANKET	
STA. TO STA.	LT/RT	FOOT	FOOT	FOOT	FOOT	CU YD	SQ YD	SQ YD	FOOT	ACRE	LB	LB	LB	SQ YD	
RURAL QUANTITIES															
346+71.00	350+21.00	RT	350.0	6	0.5	350.0	38.9			0.048	4.339	4.339	4.339	233.33	
353+25.00	354+75.00	LT	150.0	6	0.5	150.0	16.7			0.021	1.860	1.860	1.860	100.00	
376+10.00	378+10.00	LT	200.0	6	0.5	200.0	22.2			0.028	2.479	2.479	2.479	133.33	
384+60.00	386+60.00	RT	200.0	6	0.5	200.0	22.2			0.028	2.479	2.479	2.479	133.33	
392+35.00	393+35.00	LT	100.0	6	0.5	100.0	11.1		50.0	0.014	1.240	1.240	1.240	66.67	
440+21.00	441+21.00	RT	100.0	6	0.5	100.0	11.1			0.014	1.240	1.240	1.240	66.67	
446+10.00	448+10.00	RT	200.0	6	0.5	200.0	22.2			0.028	2.479	2.479	2.479	133.33	
452+05.00	453+05.00	RT	100.0	6	0.5	100.0	11.1			0.014	1.240	1.240	1.240	66.67	
834+75.00	835+25.00	LT	50.0	6	0.5	50.0	5.6			0.007	0.620	0.620	0.620	33.33	
850+50.00	852+50.00	LT	200.0	6	0.5	200.0	22.2			0.028	2.479	2.479	2.479	133.33	
562+20.00	563+20.00	LT	100.0	6	0.5	100.0	11.1			0.014	1.240	1.240	1.240	66.67	
562+30.00	563+30.00	RT	100.0	6	0.5	100.0	11.1			0.014	1.240	1.240	1.240	66.67	
330+81.00		RT						4.0	4.0						
384+60.00		RT					4.0	4.0	4.0						
441+76.00		DS						2.0	2.0						
834+75.00		DS							50.0						
850+43.00		DS				20.0									
873+10.00		LT/RT						48.0	48.0						
902+25.00		DS						8.0	8.0						
<b>SUBTOTALS</b>						1870.0	209.6	66.0	66.0	100.0	0.3	22.9	22.9	22.9	1233.3
URBAN QUANTITIES															
576+20.00	577+00.00	LT	80.0	6	0.5	80.0	8.9			0.011	0.992	0.992	0.992	53.33	
638+27.00	640+27.00	RT	200.0	6	0.5	200.0	22.2			0.028	2.479	2.479	2.479	133.33	
640+37.00	642+37.00	RT	200.0	6	0.5	200.0	22.2			0.028	2.479	2.479	2.479	133.33	
576+20.00		DS							50.0						
598+80.00		LT/RT					20.0								
<b>SUBTOTALS</b>						480.0	73.3	0.0	0.0	50.0	0.1	6.0	6.0	6.0	320.0
<b>TOTALS</b>						2350	283	66	66	150	0.3	29	29	29	1553

MODEL: Default  
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USER NAME = pletschr	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 100,0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 10/22/2021	DATE - _____	REVISED - _____

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

**SCHEDULES**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
17	(125,H)RS-3	DEKALB	42	12
CONTRACT NO. 66E20				
ILLINOIS FED. AID PROJECT				

ENTRANCES									
TYPE	STATION	MATERIAL	SIDE	WIDTH FRONT	WIDTH BACK	VARIABLE DEPTH SURF REM	INCIDENTAL HMA SURF	BIT MATL (TACK COAT)	AGG SURF CSE TY B
						SQ YD	TON	POUND	TON
RURAL									
PE	327+78	AGG	RT	45	22	37.2	4.2	16.8	25.1
PE	324+38	HMA	LT	60	35	52.8	5.9	23.8	39.9
PE	329+49	AGG	LT	65	40	58.3	6.5	26.3	45.6
PE	341+39	PCC	RT	55	30	47.2	5.3	21.3	34.2
PE	360+48	HMA	LT	37	20	31.7	3.5	14.3	22.8
PE	361+64	HMA	RT	40	20	33.3	3.7	15.0	22.8
PE *	369+24	AGG	LT	0	0	0.0	0.0	0.0	0.0
PE	375+12	HMA	RT	48	20	37.8	4.2	17.0	22.8
PE	379+06	AGG	LT	40	18	32.2	3.6	14.5	20.5
PE	386+83	AGG	RT	44	22	36.7	4.1	16.5	25.1
PE	388+50	AGG	RT	50	33	46.1	5.2	20.8	37.6
PE	397+85	AGG	LT	40	23	35.0	3.9	15.8	26.2
PE	405+45	AGG	LT	45	33	43.3	4.9	19.5	37.6
PE	419+28	HMA	LT	48	16	35.6	4.0	16.0	18.2
PE	429+29	AGG	LT	68	20	48.9	5.5	22.0	22.8
CE	455+50	HMA	RT	205	128	185.0	20.7	83.3	145.8
CE	461+80	PCC	LT	0	0	0.0	0.0	0.0	0.0
PE	470+59	HMA	RT	37	16	29.4	3.3	13.3	18.2
PE	831+38	HMA	LT	40	19	32.8	3.7	14.8	21.6
PE	832+72	HMA	LT	37	23	33.3	3.7	15.0	26.2
PE	834+53	HMA	LT	40	20	33.3	3.7	15.0	22.8
PE	859+77	AGG	RT	26	13	21.7	2.4	9.8	14.8
PE	860+63	AGG	RT	36	14	27.8	3.1	12.5	15.9
PE	877+01	AGG	RT	35	14	27.2	3.0	12.3	15.9
PE	878+34	AGG	RT	67	35	56.7	6.3	25.5	39.9
PE	885+79	HMA	LT	58	28	47.8	5.4	21.5	31.9
PE	888+92	HMA	LT	30	17	26.1	2.9	11.8	19.4
PE	889+47	HMA	RT	55	21	42.2	4.7	19.0	23.9
PE	892+12	HMA	LT	47	26	40.6	4.5	18.3	29.6
PE	893+25	HMA	RT	58	32	50.0	5.6	22.5	36.4
PE	901+70	HMA	RT	62	22	46.7	5.2	21.0	25.1
PE	556+21	AGG	LT	74	24	54.4	6.1	24.5	27.3
SUBTOTALS						1331	149	599	916
URBAN									
CE	619+41	HMA	LT	101	40	78.3	8.8	35.3	45.6
CE	620+89	HMA	RT	52	30	45.6	5.1	20.5	34.2
PE	629+94	AGG	LT	25	12	20.6	2.3	9.3	13.7
PE	629+94	AGG	RT	25	12	20.6	2.3	9.3	13.7
PE	630+24	AGG	RT	30	18	26.7	3.0	12.0	20.5
PE	648+77	AGG	LT	48	22	38.9	4.4	17.5	25.1
PE	661+70	AGG	LT	44	26	38.9	4.4	17.5	29.6
SUBTOTALS						269	30	121	182
TOTALS						1601	179	720	1098

\* NO EXISTING APPRON

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	DRAWN - _____	REVISED - _____
PLOT SCALE = 100,0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 10/22/2021	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE: _____		SCHEDULES		SHEET _____ OF _____ SHEETS		STA. _____ TO STA. _____	
		SECTION (125,H)RS-3		COUNTY DEKALB		TOTAL SHEETS 42	

F.A.P. RTE. 17	SECTION (125,H)RS-3	COUNTY DEKALB	TOTAL SHEETS 42	SHEET NO. 13
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66E20	

PAVEMENT MARKING SCHEDULE

STA. TO STA.		SECOND APPLICATION OF PAINT				PREFORM PLASTIC TYPE B 24"	THERMO PVT MRKG 4"	THERMO PVT MRKG 4"	THERMO PVT MRKG 8"	THERMO PVT MRKG 12"	THERMO PAVT MKG NUMBERS & SYMBOLS	GROOVING 5"	GROOVING 9"	GROOVING 25"	GROOVING NUMBERS & SYMBOLS
		LENGTH	PAINT 4"	PAINT 4"	PAINT 6" SKIPS										
		FT	WHITE FOOT	YELLOW FOOT	YELLOW FOOT	WHITE FOOT									SQ FT
RURAL															
315+00.	320+53.61	554	2214.4		277.0										
STA 320+53.61BK TO 320+53.67AH															
320+53.67	328+14.89	761	3044.9		381.0										
STA 328+14.89BK TO 328+14.98AH															
328+14.98	389+99.27	6184	24737.2		3093.0										
STA 389+99.27BK TO 390+00.00AH															
390+00	451+68.85	6169	24675.4		3085.0	48.0				99.6			48.0	99.6	
STA 451+68.85BK TO 451+69.57AH															
451+69.57	461+55.96	986	3945.6		494.0										
STA 461+55.96BK TO 461+56.07AH															
461+56.07	471+95.85	1040	4159.1		520.0										
STA 471+95.85BK TO 822+41.28AH															
822+41.28	904+93.24	8252	33007.8		4126.0										
STA 904+93.24BK TO 554+48.97AH															
554+48.97	563+40.42	891	3565.8		446.0	48.0							48.0		
STA 563+40.42BK TO 563+40.53AH															
563+40.53	577+66.53	1426	2852.0		713.0										
SUBTOTALS			102202	0	13135	96	0	0	0	0	99.6	0	0	96	99.6
URBAN															
577+66.53	596+44.22	1878	7510.8		939.0										
STA 596+44.22BK TO 596+44.61AH															
596+44.61	606+85.39	1041	4163.1	480.0	521.0	32.0			123.0	71.0		123.0	32.0		
STA 606+85.39BK TO 606+85.51AH															
606+85.51	613+76.46	691	2763.8		346.0										
STA 613+76.46BK TO 613+73.53AH															
613+73.53	619+75.65	602	2408.5		302.0										
STA 619+75.65BK TO 619+75.73AH															
619+75.73	621+24.24	149	594.0		75.0										
STA 621+24.24BK TO 621+24.25AH															
621+24.25	625+54.18	430	1719.7		215.0										
STA 625+54.18BK TO 625+54.23AH															
625+54.23	632+02.87	649	2594.6		325.0										
STA 632+02.87BK TO 632+02.95AH															
632+02.95	635+55.9	353	1411.8		177.0										
STA 635+55.90BK TO 635+55.94AH															
635+55.94	641+36.56	581	2322.5		291.0										
STA 641+36.56BK TO 641+36.63AH															
641+36.63	648+00.	663					1326.7	2320.0	120.0	143.0	49.8	3646.7	120.0		49.8
OMISSION 648+00 to 654+00						196.0								196.0	
654+00.	669+65.37	1565					3130.7	4760.0	110.0	478.0	65.4	7890.7	110.0		65.4
SUBTOTALS			25489	480	3191	228	4457	7080	353	692	115.2	11537	353	228	115.2
TOTALS			127691	480	16326	324	4457	7080	353	692	214.8	11537	353	324	214.8

IF THE STOP BARS AT THE PEACE ROAD INTERSECTION (OMISSION) NEED TO BE REPLACED, THEN PREFORMED PLASTIC TYPE B PAVEMENT MARKING WILL BE USED.

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PLOT SCALE = 100,0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 10/22/2021	DATE - _____	REVISED - _____

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
17	(125,H)RS-3	DEKALB	42	14
CONTRACT NO. 66E20			ILLINOIS FED. AID PROJECT	

PAVEMENT MARKING SCHEDULE (Cont.)						
STA. TO STA.		LENGTH	SHORT-TERM PAVEMENT MARKING	SHORT-TERM PAVEMENT MARKING REMOVAL	RAISED REFLECTIVE PAVEMENT MARKERS	RAISED REFLECTIVE PAVEMENT MARKERS REMOVAL
		FT	FOOT	SQ FT	EACH	EACH
RURAL						
315+00.	320+53.61	554	166	55	7	7
STA 320+53.61BK TO 320+53.67AH						
320+53.67	328+14.89	761	228	75	10	10
STA 328+14.89BK TO 328+14.98AH						
328+14.98	389+99.27	6184	1855	612	78	78
STA 389+99.27BK TO 390+00.00AH						
390+00	451+68.85	6169	1851	611	78	78
STA 451+68.85BK TO 451+69.57AH						
451+69.57	461+55.96	986	296	98	13	13
STA 461+55.96BK TO 461+56.07AH						
461+56.07	471+95.85	1040	312	103	13	13
STA 471+95.85BK TO 822+41.28AH						
822+41.28	904+93.24	8252	2476	817	104	104
STA 904+93.24BK TO 554+48.97AH						
554+48.97	563+40.42	891	267	88	12	12
STA 563+40.42BK TO 563+40.53AH						
563+40.53	577+66.53	1426	428	141	18	18
SUBTOTALS			7879	2601	333	333
URBAN						
577+66.53	596+44.22	1878	563	186	24.0	24.0
STA 596+44.22BK TO 596+44.61AH						
596+44.61	606+85.39	1041	312	103	14.0	14.0
STA 606+85.39BK TO 606+85.51AH						
606+85.51	613+76.46	691	207	69	9.0	9.0
STA 613+76.46BK TO 613+73.53AH						
613+73.53	619+75.65	602	181	60	8.0	8.0
STA 619+75.65BK TO 619+75.73AH						
619+75.73	621+24.24	149	45	15	2.0	2.0
STA 621+24.24BK TO 621+24.25AH						
621+24.25	625+54.18	430	129	43	6.0	6.0
STA 625+54.18BK TO 625+54.23AH						
625+54.23	632+02.87	649	195	64	9.0	9.0
STA 632+02.87BK TO 632+02.95AH						
632+02.95	635+55.9	353	106	35	5.0	5.0
STA 635+55.90BK TO 635+55.94AH						
635+55.94	641+36.56	581	174	58	8.0	8.0
STA 641+36.56BK TO 641+36.63AH						
641+36.63	648+00.	663	199	66	9.0	9.0
OMISSION 648+00 to 654+00						
654+00.	669+65.37	1565	470	155	20.0	20.0
SUBTOTALS			2580	852	114	114
TOTALS			10459	3453	447	447

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USER NAME = pletschr	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 100,0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 10/22/2021	DATE - _____	REVISED - _____

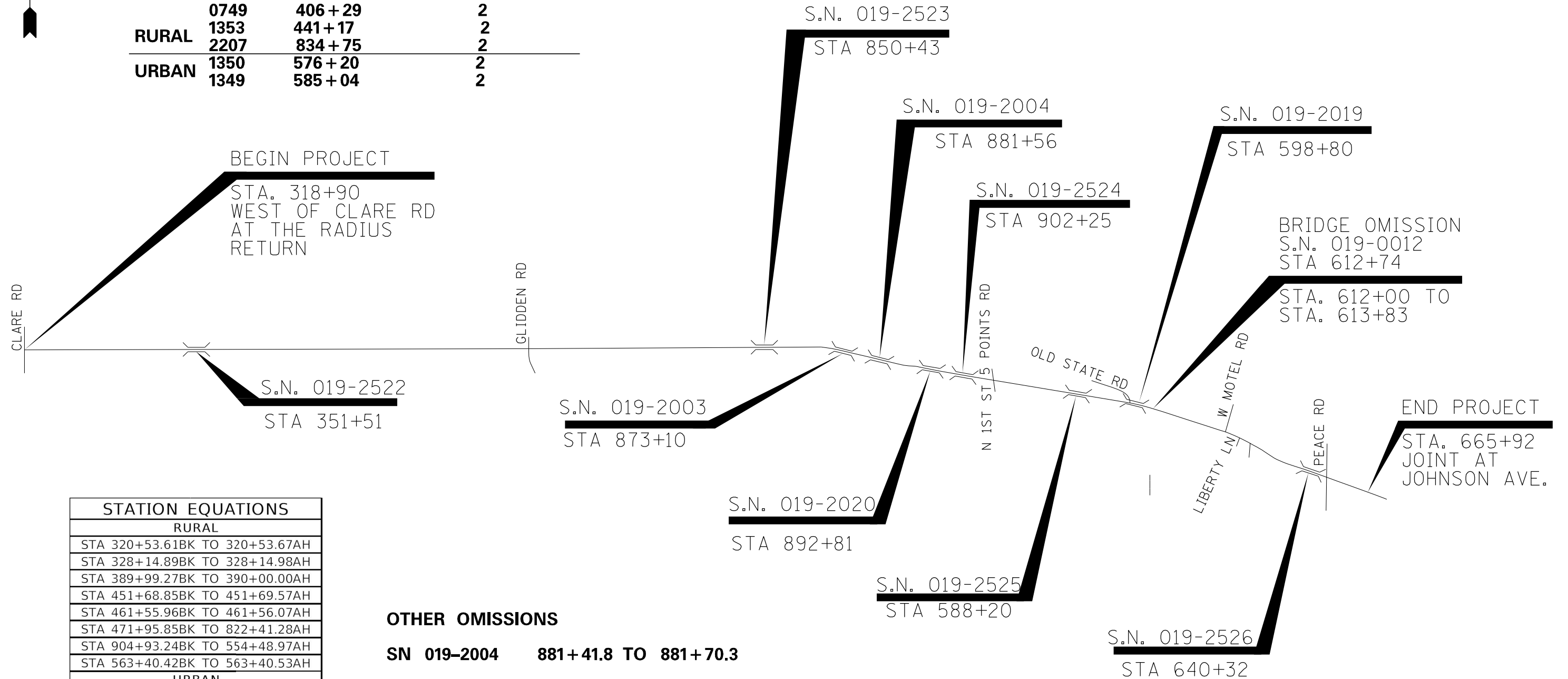
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULES</b>	
SCALE: _____	SHEET ____ OF ____ SHEETS
STA. _____	TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
17	(125,H)RS-3	DEKALB	42	15
CONTRACT NO. 66E20				
ILLINOIS FED. AID PROJECT				



	SMALL CULVERTS	DELINEATORS
	0375	330 + 81
	0747	384 + 69
	0748	393 + 55
	0749	406 + 29
RURAL	1353	441 + 17
	2207	834 + 75
URBAN	1350	576 + 20
	1349	585 + 04



STATION EQUATIONS	
RURAL	
STA 320+53.61BK TO 320+53.67AH	
STA 328+14.89BK TO 328+14.98AH	
STA 389+99.27BK TO 390+00.00AH	
STA 451+68.85BK TO 451+69.57AH	
STA 461+55.96BK TO 461+56.07AH	
STA 471+95.85BK TO 822+41.28AH	
STA 904+93.24BK TO 554+48.97AH	
STA 563+40.42BK TO 563+40.53AH	
URBAN	
STA 596+44.22BK TO 596+44.61AH	
STA 606+85.39BK TO 606+85.51AH	
STA 613+76.46BK TO 613+73.53AH	
STA 619+75.65BK TO 619+75.73AH	
STA 621+24.24BK TO 621+24.25AH	
STA 625+54.18BK TO 625+54.23AH	
STA 632+02.87BK TO 632+02.95AH	
STA 635+55.90BK TO 635+55.94AH	
STA 641+36.56BK TO 641+36.63AH	

**OTHER OMISSIONS**

**SN 019-2004 881+41.8 TO 881+70.3**

**PEACE RD. 647+76.6 TO 653+26.6**

**NOTE:**

**SPEED LIMIT IS 45 MPH FROM STA. 642+10 TO STA. 659+50**

**SPEED LIMIT IS 30 MPH FROM STA. 659+50 TO STA. 665+92 (END OF JOB)**

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

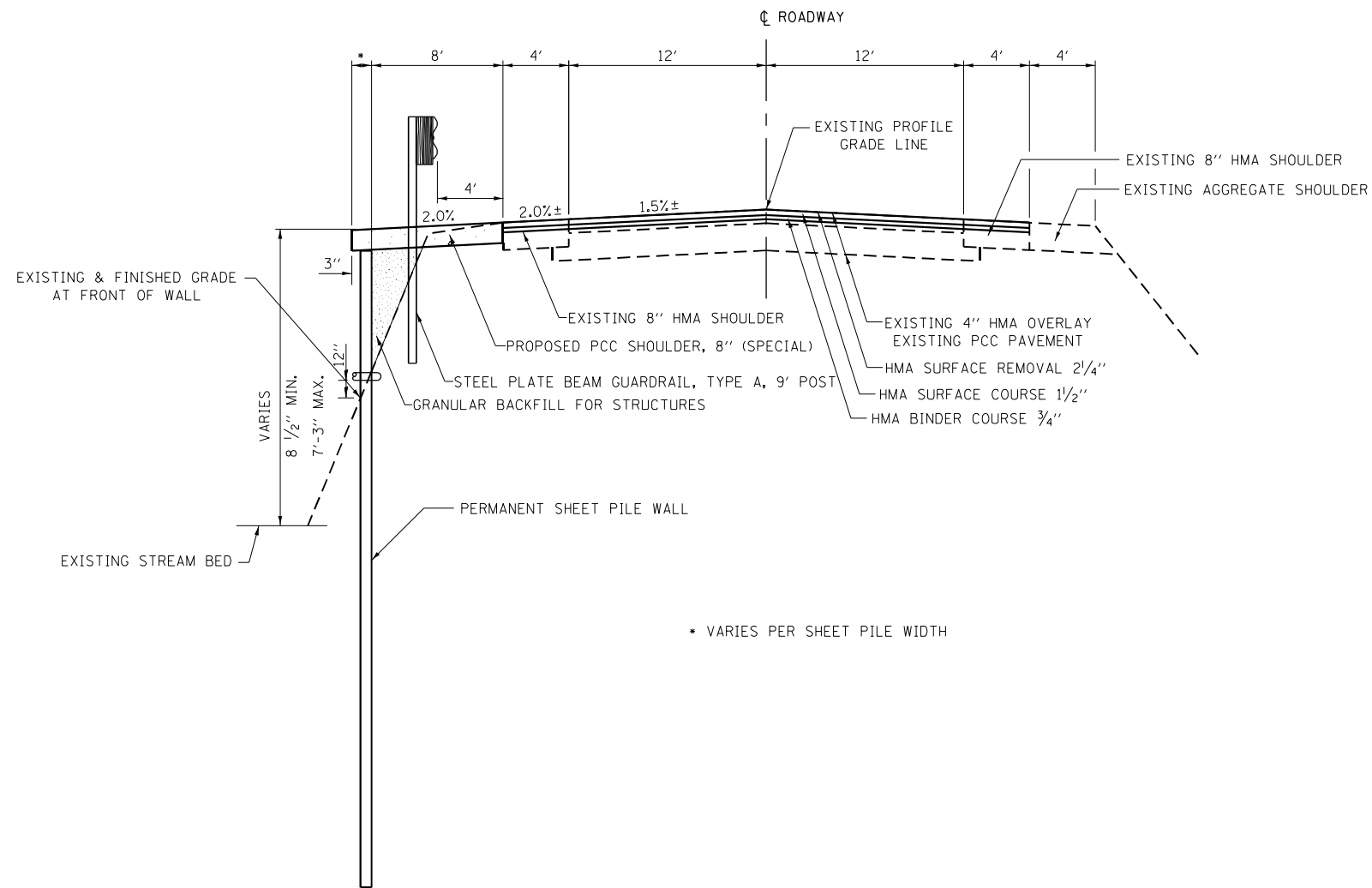
**PROJECT LAYOUT**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
17	(125, H)RS-3	DEKALB	42	16
CONTRACT NO. 66E20			ILLINOIS FED. AID PROJECT	



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TYPICAL SECTION  
 STA. 893+56 TO STA. 902+08



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	CHECKED - DJD	REVISED -
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PLOT DATE =	CHECKED - JKC	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

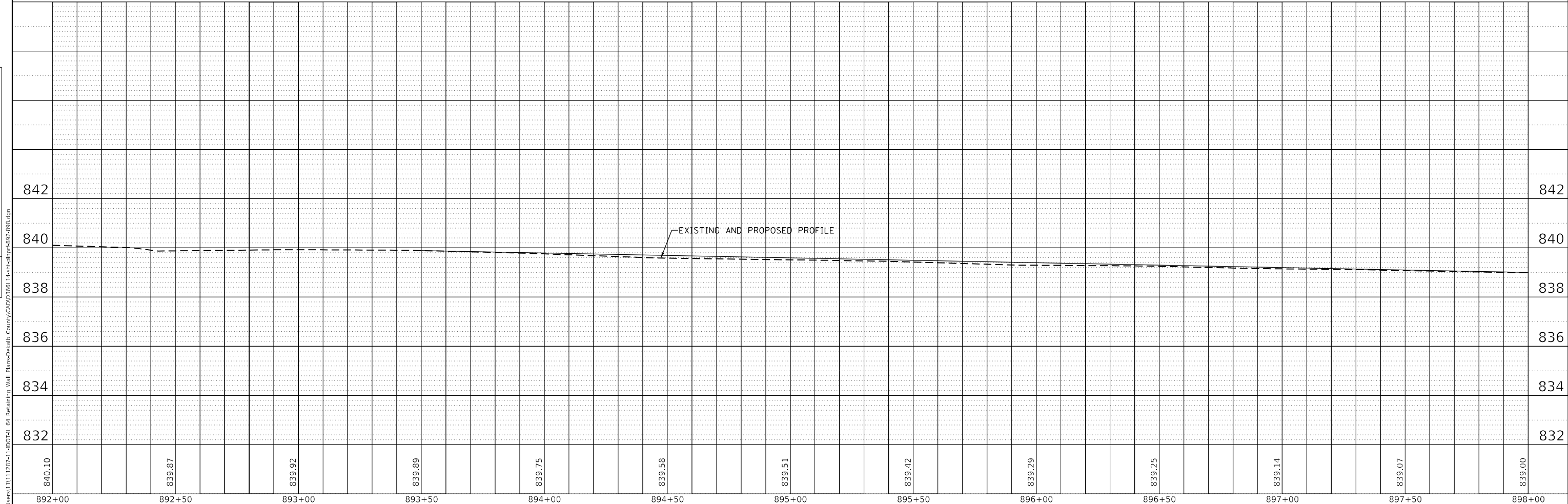
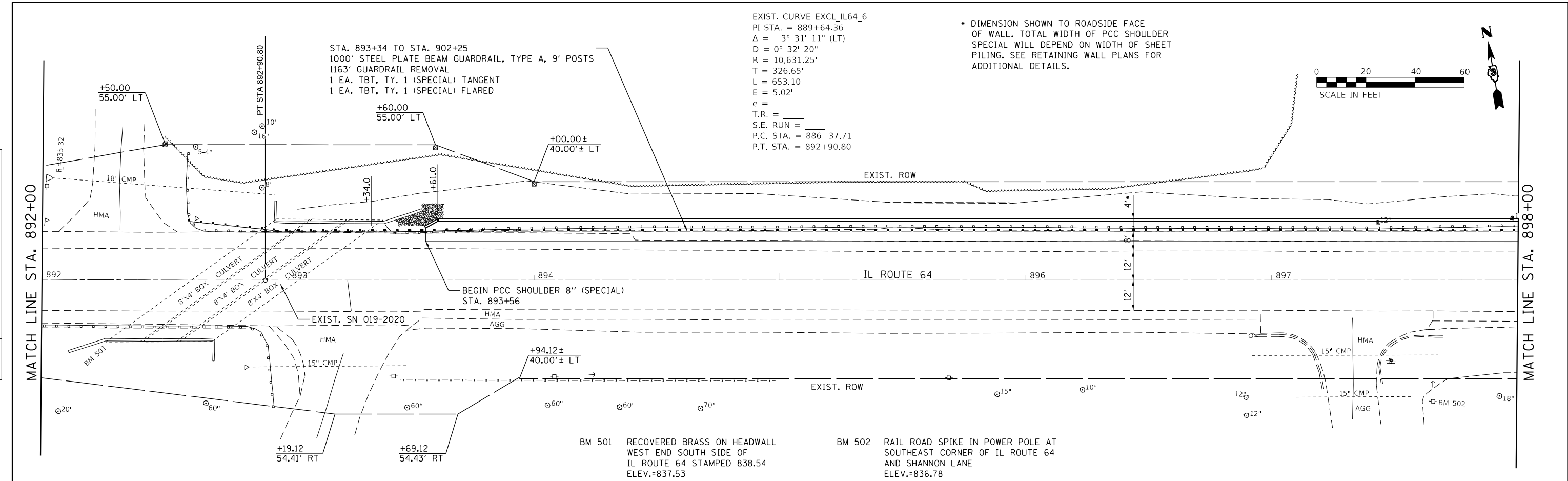
TYPICAL SECTION

SHEET - OF - SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
17	(125. H) RS-3	DEKALB	42	17
			CONTRACT NO. 66E20	
		ILLINOIS FED. AID PROJECT		

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	NO.		
	FILE NAME		
	PROJECT		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES		
	CHECKED		
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	FILE NAME		
	PROJECT		



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PLOT SCALE = 1"=40'	DRAWN - AR	REVISED -
PLOT DATE = 8/27/2021	CHECKED - DJD	REVISED -
	DATE - 01/21	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE			
SCALE: 1"=40'	SHEET 1	OF 2 SHEETS	STA. 892+00 TO STA. 898+00

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ILLINOIS		FED. AID PROJECT		

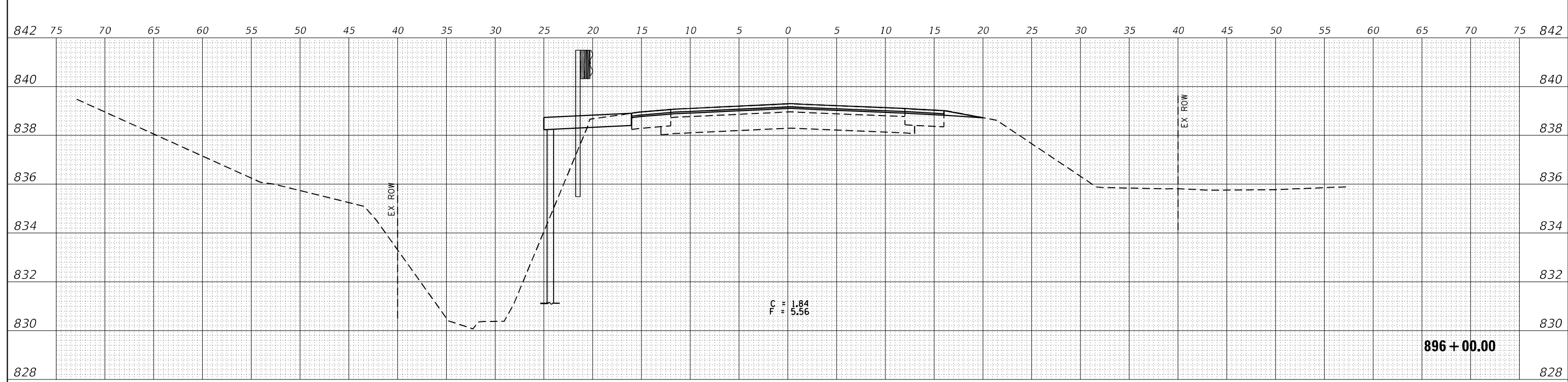
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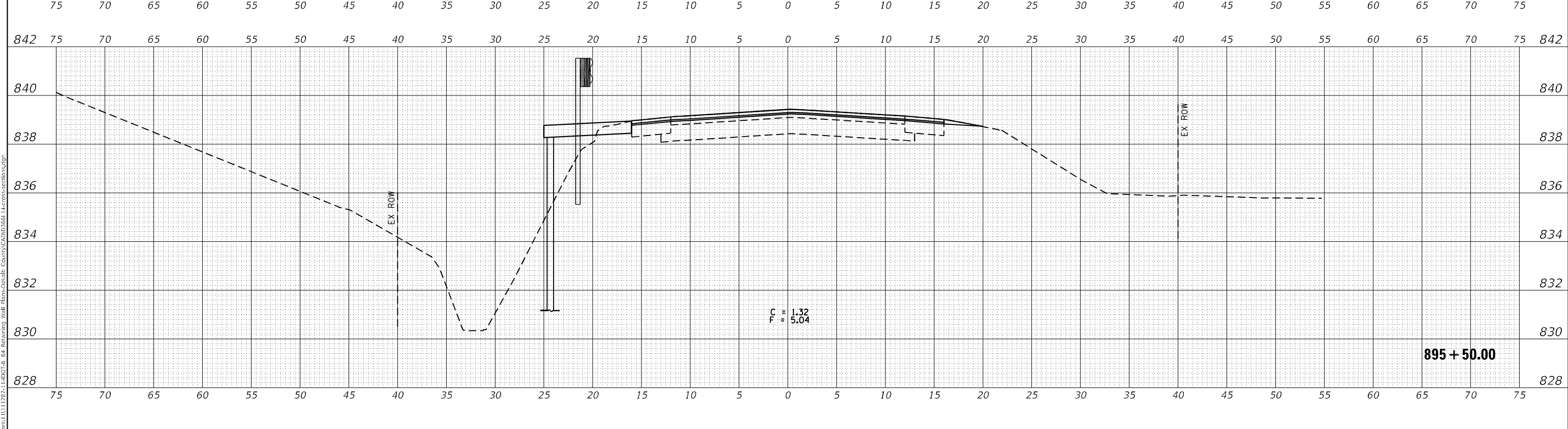




DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



DATE	10/20
BY	CHAMLIN & ASSOCIATES
ORIGINAL SURVEY	LAC/AV
NOTE BOOK	
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	AREAS CHECKED



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PLOT DATE	= 8/27/2021

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DRAWN	- ARR
CHECKED	- DJD
DATE	- 06/21

REVISED	-
REVISED	-
REVISED	-
REVISED	-

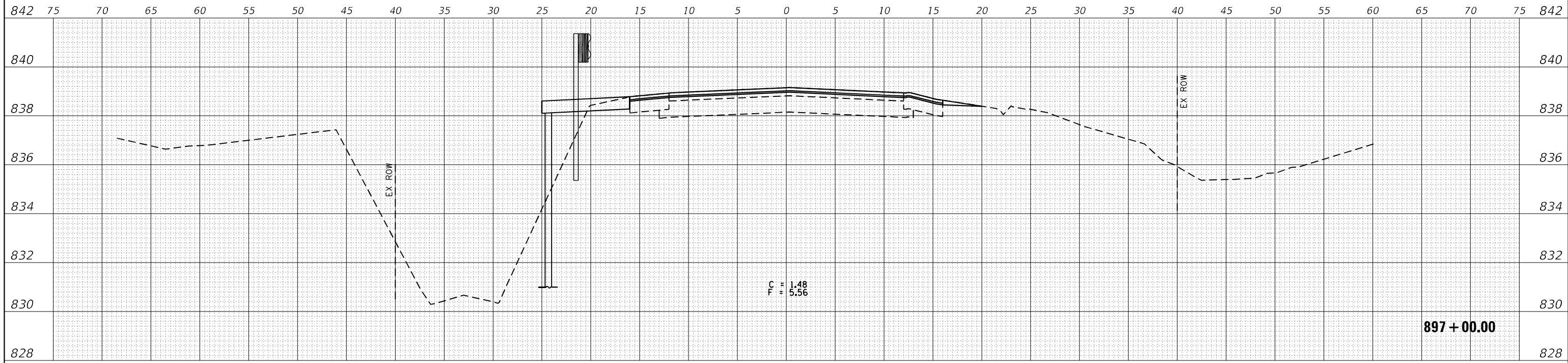
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

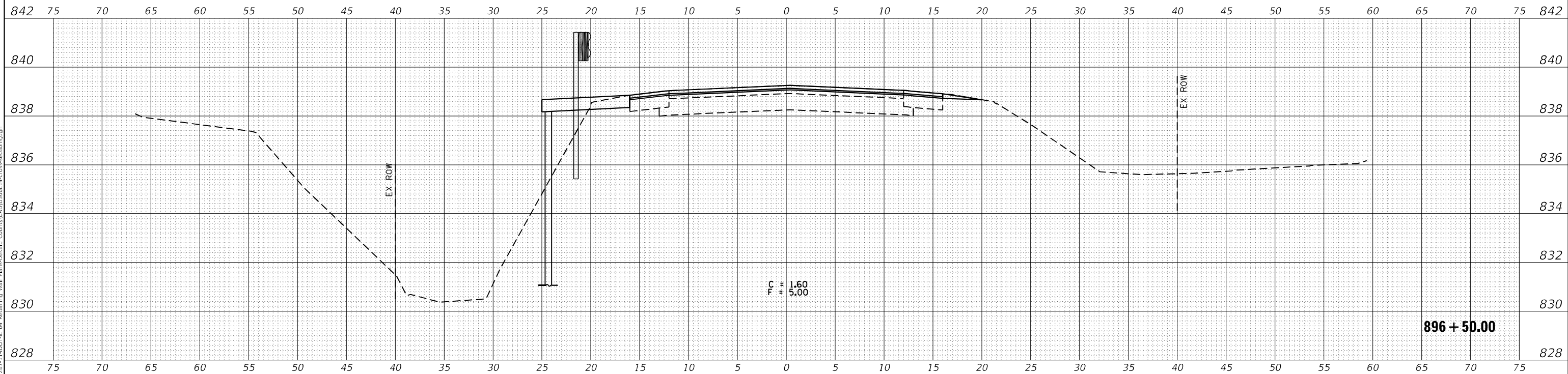
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
17	(125, H) R5-3	DEKALB	42	22
CONTRACT NO. 66E20				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



DATE	10/20
BY	CHAMLIN & ASSOCIATES
ORIGINAL SURVEY	LAC/AV
NOTE BOOK	
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	AREAS CHECKED



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PLOT DATE	= 8/27/2021

DESIGNED	- DJD
DRAWN	- ARR
CHECKED	- DJD
DATE	- 06/21

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

SCALE: 1"=10' SHEET OF SHEETS STA. 896+50.00 TO STA. 897+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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				CONTRACT NO. 66E20
ILLINOIS FED. AID PROJECT				

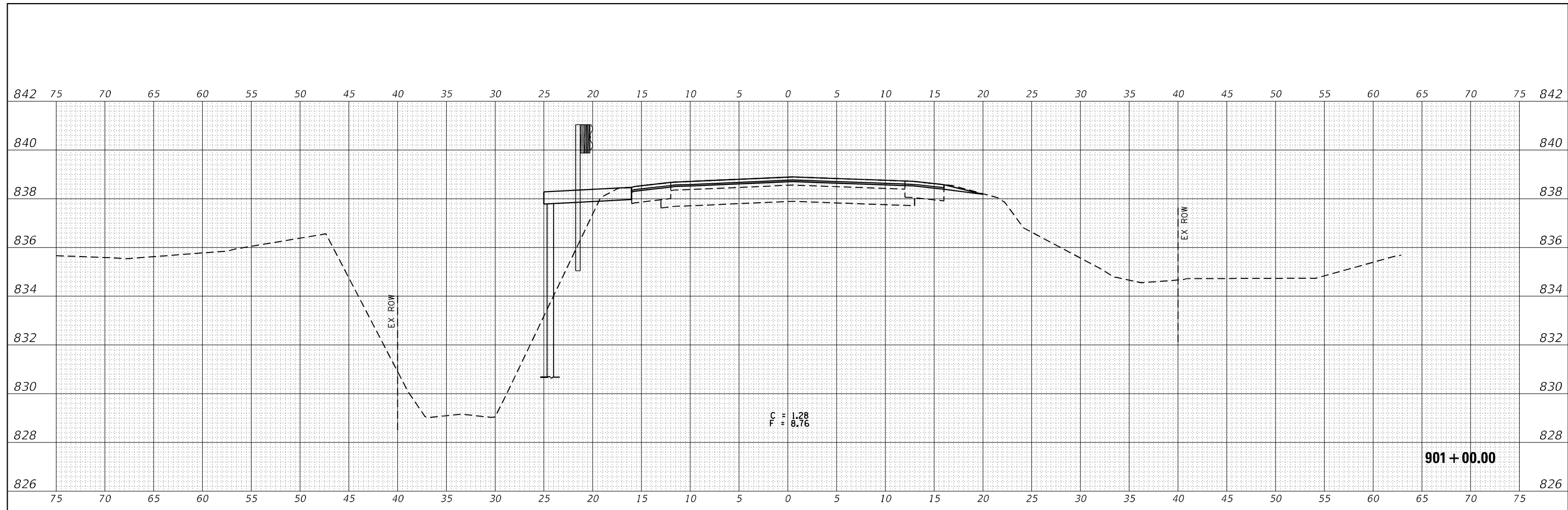




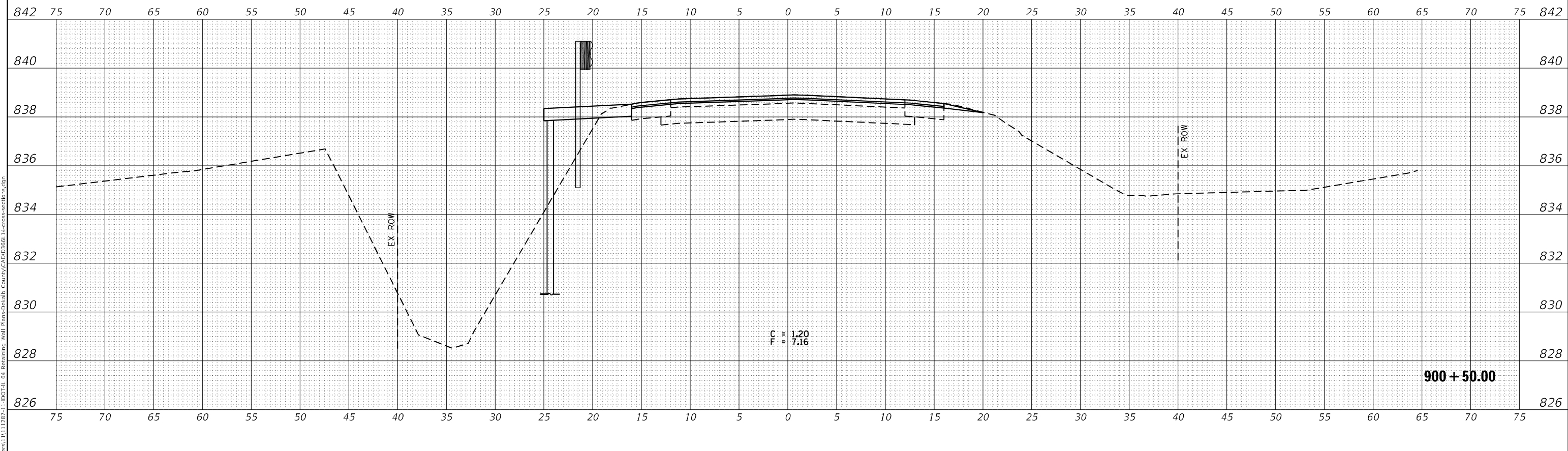




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DESIGNED	- DJD
DRAWN	- ARR
CHECKED	- DJD
DATE	- 06/21

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

SCALE: 1"=10'    SHEET    OF    SHEETS    STA. 900+50.00 TO STA. 901+00.00

**CROSS SECTIONS**

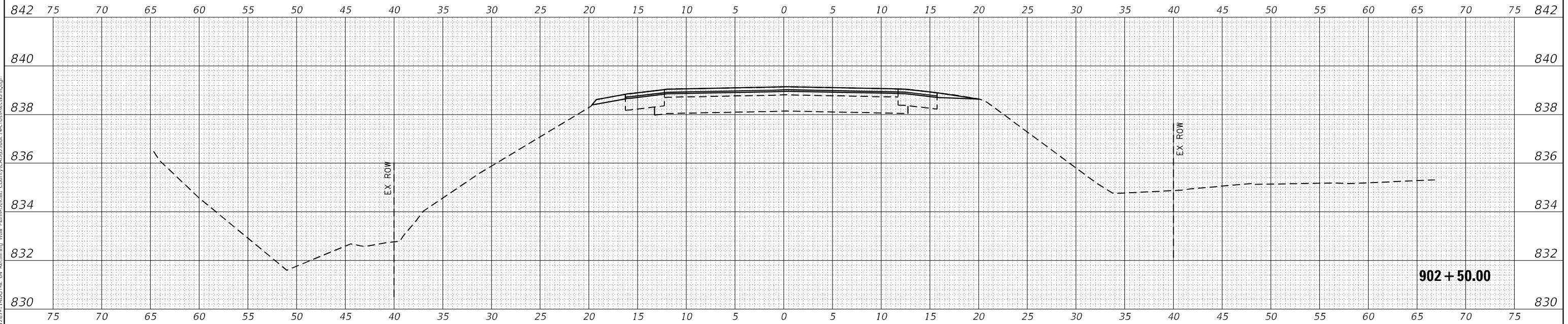
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
17	(125, H) R5-3	DEKALB	42	27
			CONTRACT NO. 66E20	
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED	BY	DATE
	NOTE BOOK		
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ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
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PLOT DATE = 8/27/2021	CHECKED - DJD	REVISIED -
	DATE - 06/21	REVISIED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

SCALE: 1"=10' SHEET OF SHEETS STA. 902+50.00 TO STA. 903+00.00

F.A.P. RTE. 17	SECTION (125, H) R5-3	COUNTY DEKALB	TOTAL SHEETS 42	SHEET NO. 29
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66E20	

Bench Marks:  
 501 - Recovered brass on headwall west end, south side of IL Route 64  
 Elev.=837.53 (stamped 838.54)  
 502 - Railroad spike in power pole at southeast corner of IL Route 64 and Shannon Lane  
 Elev.=836.78

Existing Structure: None

Proposed Structure: Permanent Sheet Pile wall

Roadway shall remain open to traffic

**DESIGN SPECIFICATIONS**

2020 AASHTO LRFD Bridge Design  
 Specification 9th Edition

**DESIGN STRESSES**

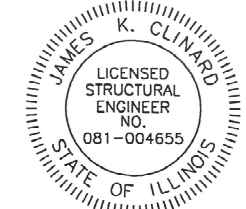
Field Units  
 fy = 36,000 psi (ASTM A36, Cap Only)  
 fy = 50,000 psi (ASTM A572, Grade 50 Sheet Pile)

**Index of Sheets:**

- 1.-2. General Plan and Elevation
3. General Information
4. Details
- 5.-10. Boring Logs

**APPROVED**  
 For Structural Adequacy Only  
*James K. Clinnard*  
 Engineer of Bridges & Structures

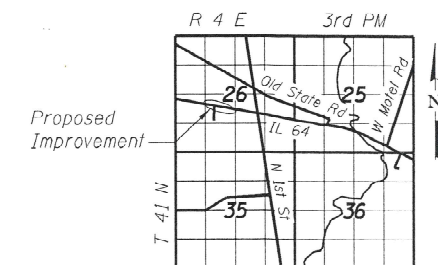
10/6/21  
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expires 11-30-2022

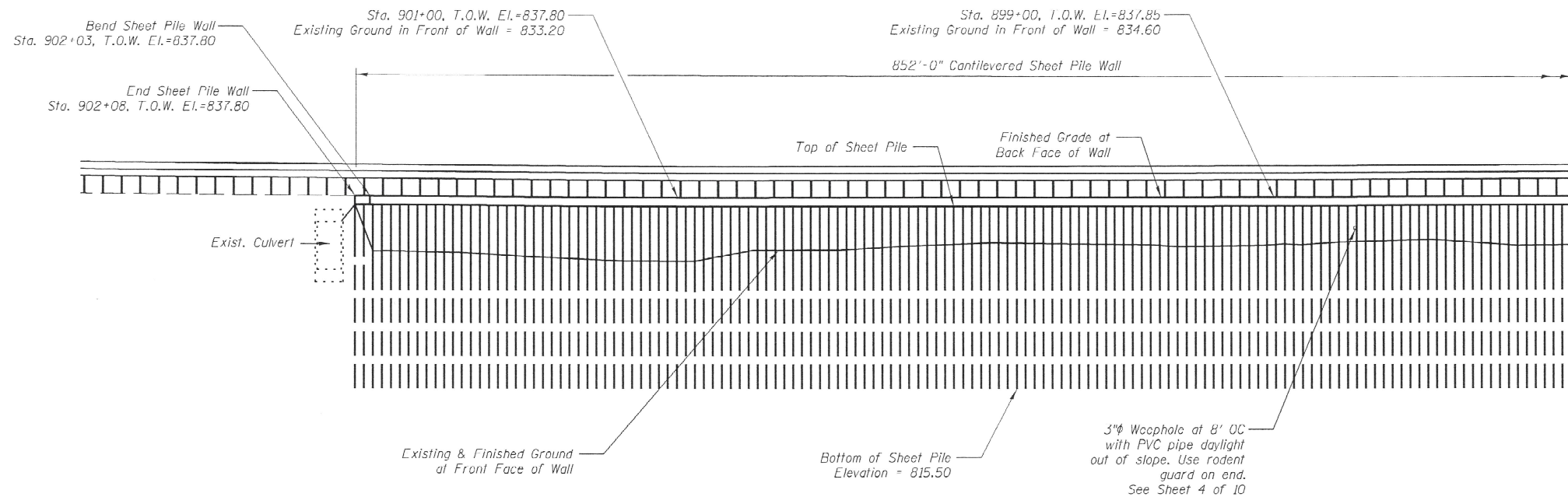
*James K. Clinnard*  
 signature

PROFESSIONAL DESIGN FIRM  
 LICENSE NO. 184-001717

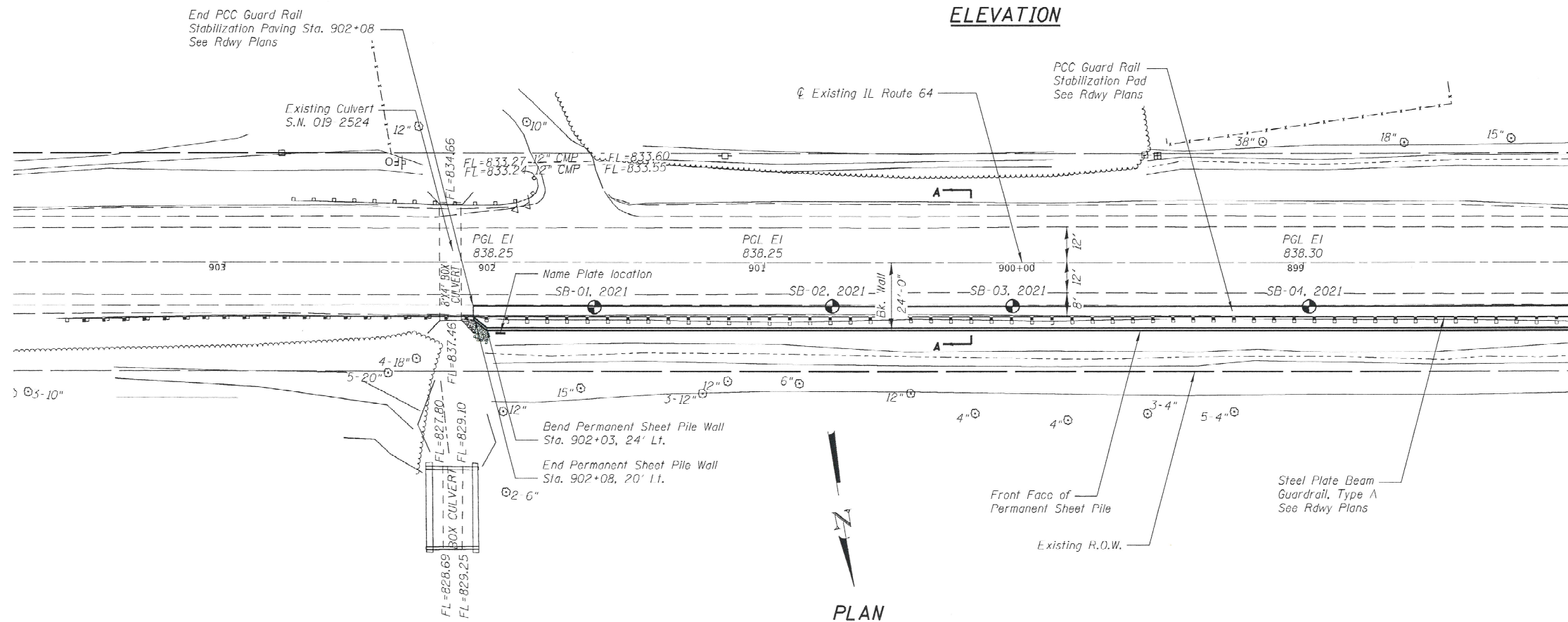


**LOCATION SKETCH**

**GENERAL PLAN & ELEVATION**  
**ILLINOIS ROUTE 64**  
**F.A.P. RTE 17**  
**SEC. (125, H) RS-3**  
**DEKALB COUNTY**  
**STA. 893+56 TO STA. 902+08**  
**STRUCTURE NO. 019-8800**



**ELEVATION**



**PLAN**

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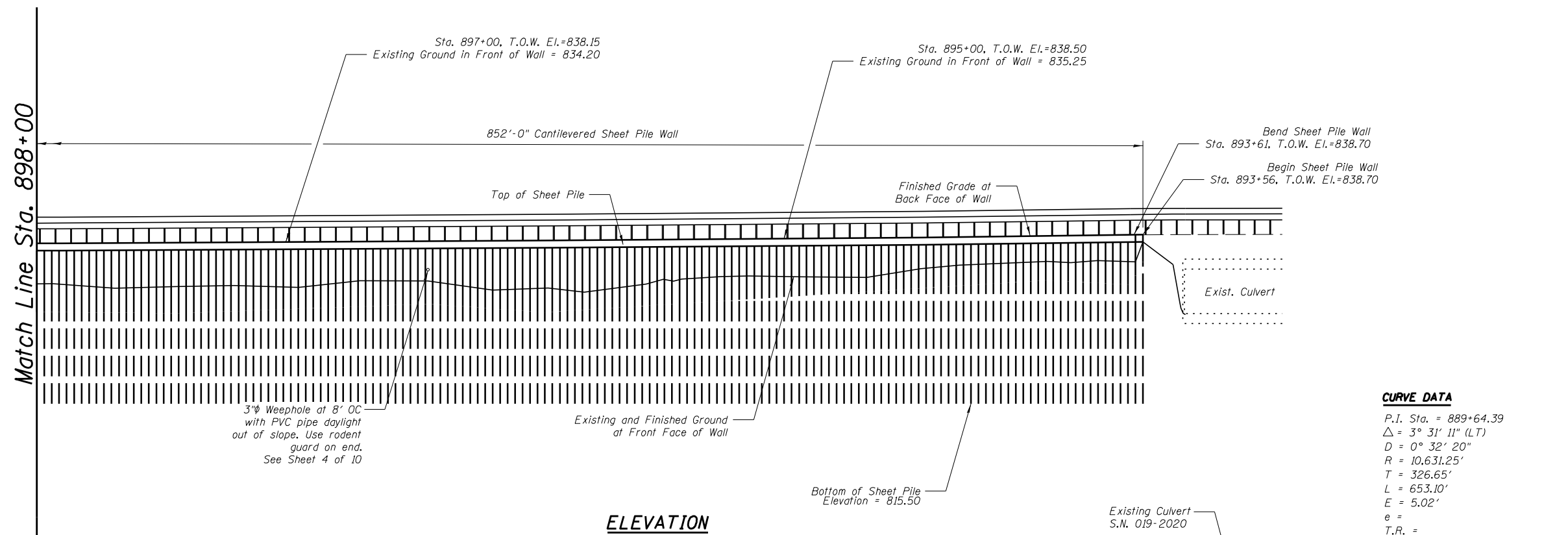
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION  
 STRUCTURE NO. 019-8800

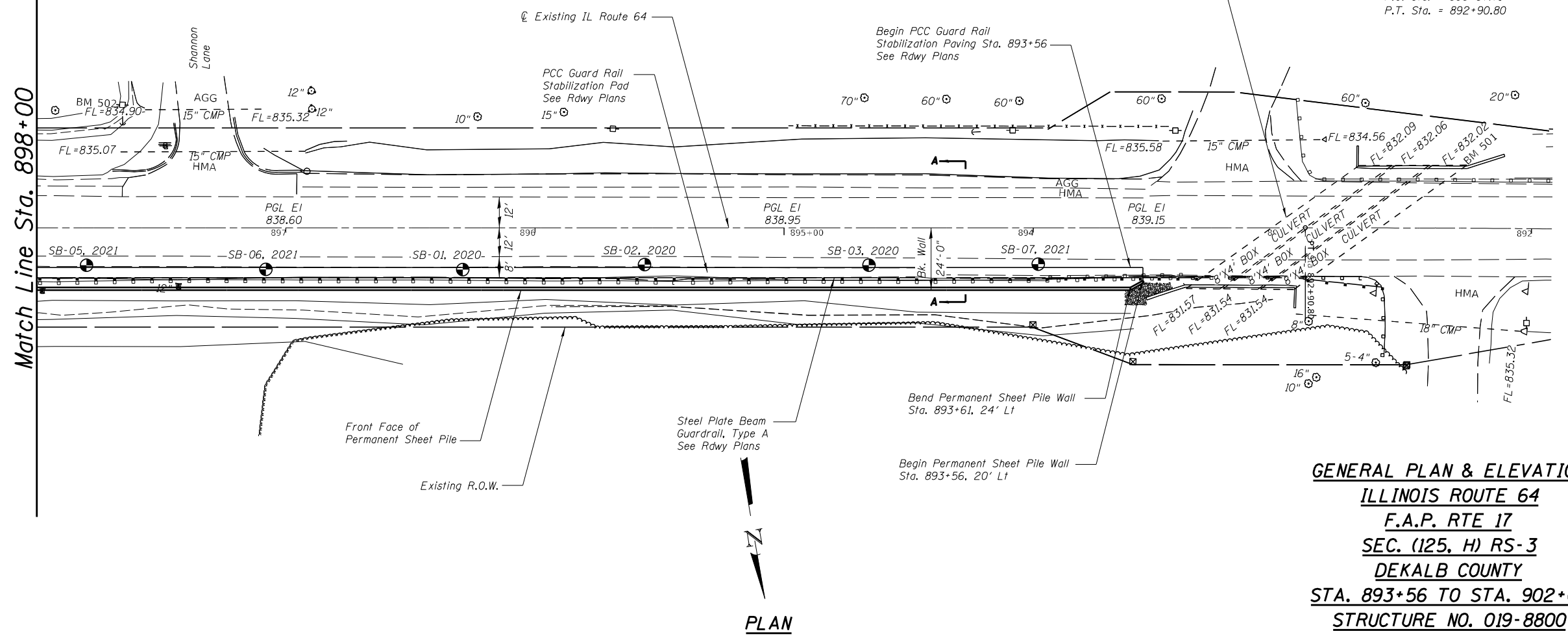
SHEET 1 OF 10 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
17	(125, H) RS-3	DEKALB	42	30
CONTRACT NO. 66E20				
ILLINOIS FED. AID PROJECT				



**CURVE DATA**

P.I. Sta. =	889+64.39
$\Delta =$	3° 31' 11" (LT)
D =	0° 32' 20"
R =	10,631.25'
T =	326.65'
L =	653.10'
E =	5.02'
e =	
T.R. =	
S.E. Run =	
P.C. Sta. =	886+37.71
P.T. Sta. =	892+90.80



**GENERAL PLAN & ELEVATION**  
**ILLINOIS ROUTE 64**  
**F.A.P. RTE 17**  
**SEC. (125, H) RS-3**  
**DEKALB COUNTY**  
**STA. 893+56 TO STA. 902+08**  
**STRUCTURE NO. 019-8800**

MODEL: SMODELNAMES  
FILE NAME: \$FILES

PERU OTTAWA MORRIS  
ILLINOIS

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PLOT DATE =	CHECKED - DH	REVISED -

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

**GENERAL PLAN & ELEVATION**  
**STRUCTURE NO. 019-8800**

SHEET 2 OF 10 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
17	(125, H) RS-3	DEKALB	42	31
CONTRACT NO. 66E20				
ILLINOIS FED. AID PROJECT				

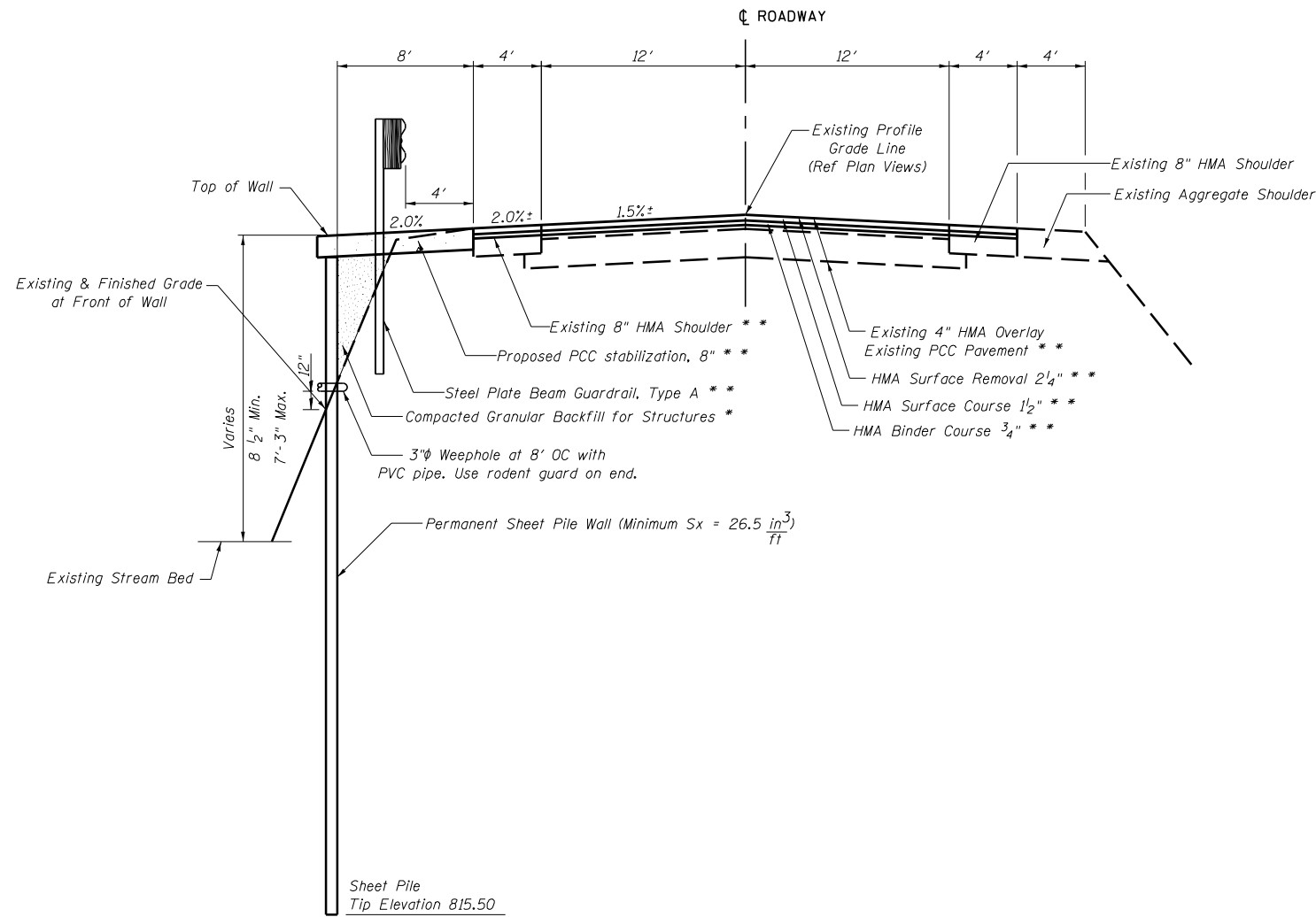
SDATES \$TIMES\$

**GENERAL NOTES:**

1. Fasteners shall be ASTM F3125 Grade A325 Type 1, mechanically galvanized bolts. Bolts 3/4-in.  $\phi$ , holes 13/16-in.  $\phi$ , unless otherwise noted.
2. No field welding is permitted except as specified in the contract documents.

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Name Plates	Each	1
Permanent Sheet Piling	Sq Ft	18,837
Granular Backfill for Structures	Cu Yd	161



**SECTION A-A  
TYPICAL SECTION THRU SHEET PILE WALL**

\* Granular Backfill behind the wall shall be compacted according to Article 205.06 of the Standard Specifications.

\*\* See Roadway Plans.

STA 893+56 TO STA 902+08  
BUILT BY  
STATE OF ILLINOIS  
F.A.P. RT. 17 SEC. (125, H) RS-3  
LOADING HL 93  
STRUCTURE NO. 019-8800

**NAME PLATE**  
See Std. 515001

**SEQUENCE OF CONSTRUCTION**

1. Coordinate Traffic Control and guardrail removal with roadway contractor.
2. Begin driving sheet piling at east end of wall and continue west.
3. Install weep holes and apply sheet pile cap.
4. Backfill behind wall with compacted granular backfill for structures.

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

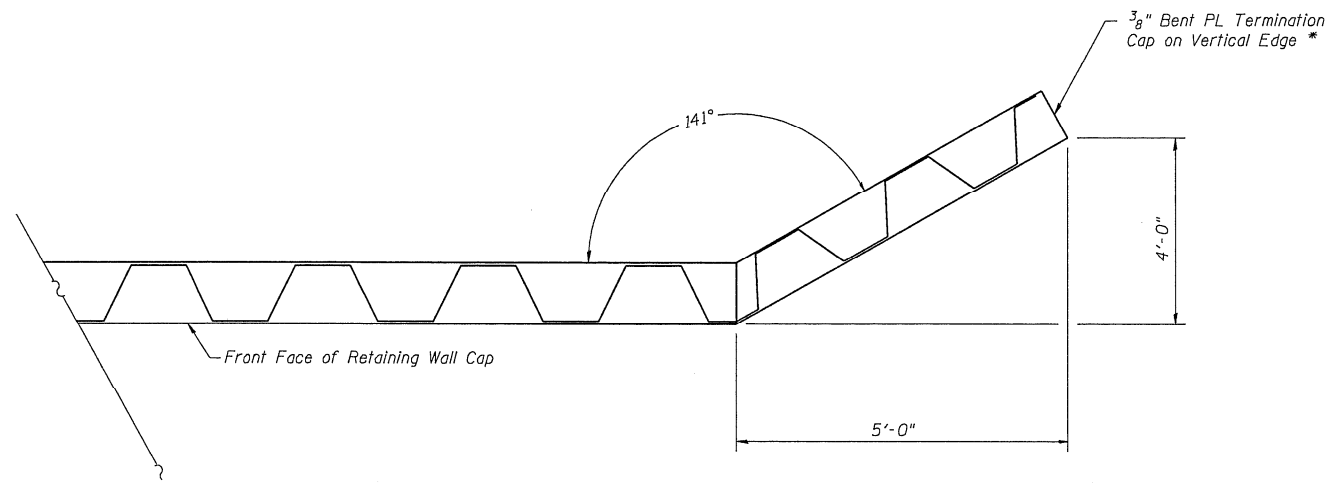
GENERAL INFORMATION  
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SHEET 3 OF 10 SHEETS

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CONTRACT NO. 66E20				
ILLINOIS FED. AID PROJECT				

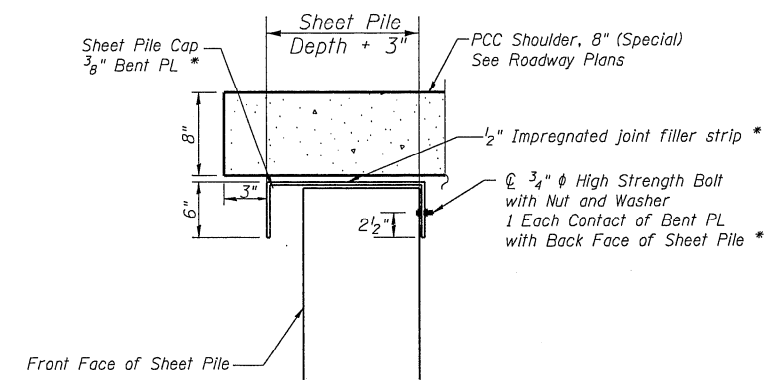
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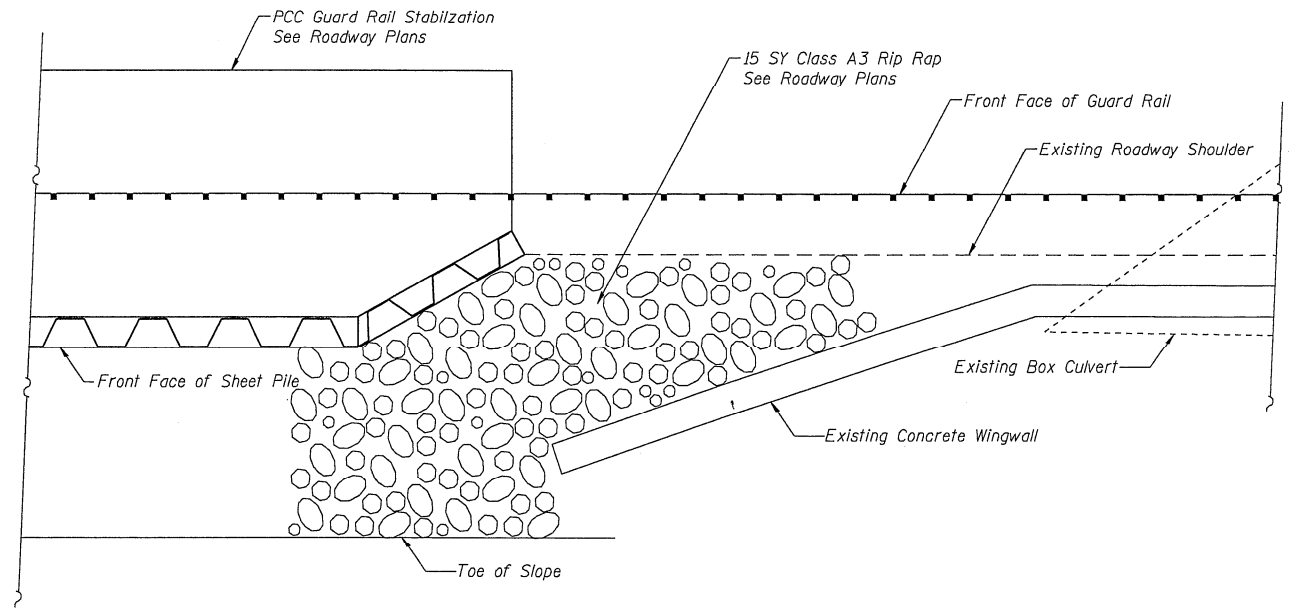
**SHEET PILE BEND DETAIL**

\* To be included in the cost of Permanent Sheet Piling



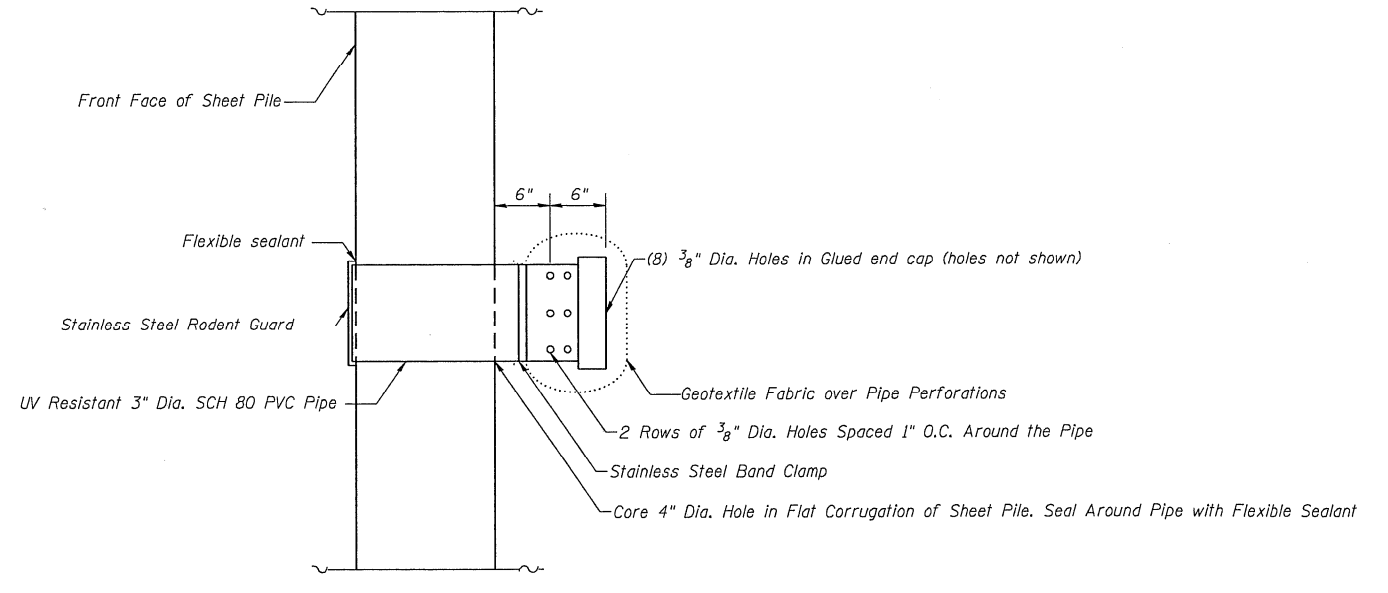
**SHEET PILE CAP DETAIL**

\* To be included in the cost of Permanent Sheet Piling



**SHEET PILE TERMINATION DETAIL**

(West End Shown, East End Similar)



**WEEP HOLE DETAIL \*\***

\*\* Weep Holes are to be included in the cost of Permanent Sheet Piling

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETAILS  
STRUCTURE NO. 019-8800

SHEET 4 OF 10 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
17	(125, H) RS-3	DEKALB	42	33
CONTRACT NO. 66E20				
ILLINOIS FED. AID PROJECT				



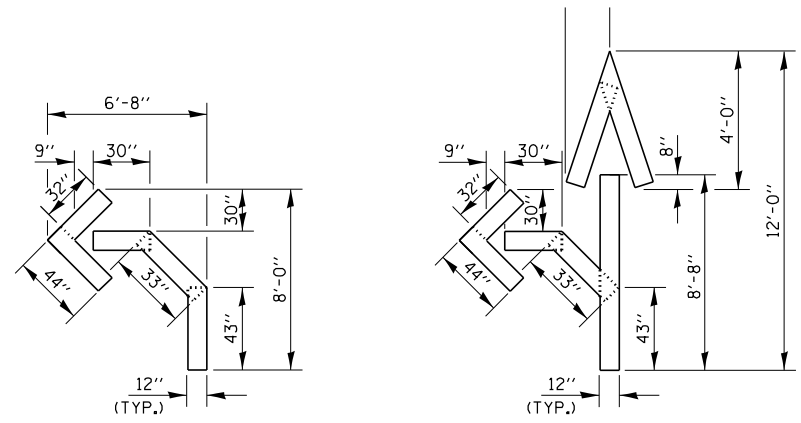






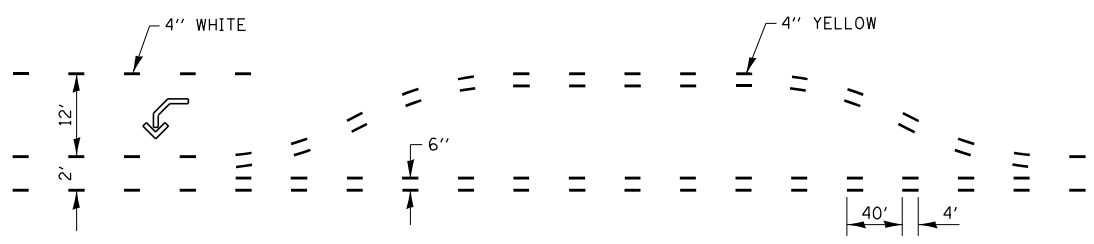




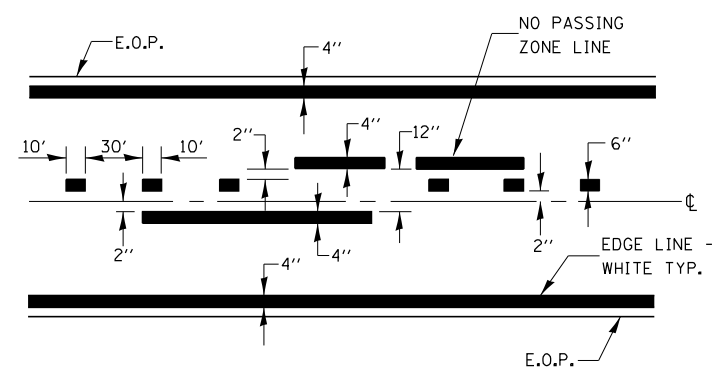


QUANTITY  
12" LINE = 16 LIN. FT.  
OR 4" LINE = 48 LIN. FT.

QUANTITY  
12" LINE = 29 LIN. FT.  
OR 4" LINE = 87 LIN. FT.

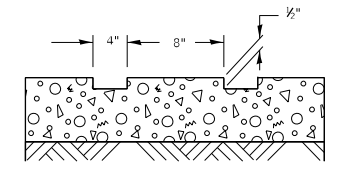
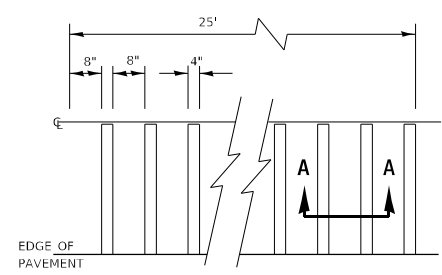
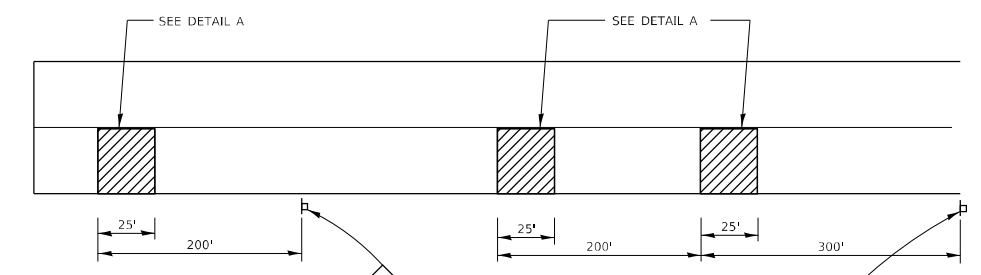


**SHORT-TERM PAVEMENT MARKING  
FOR MEDIANS AND ARROWS**



CENTERLINE & NO PASSING  
ZONE LINES - YELLOW

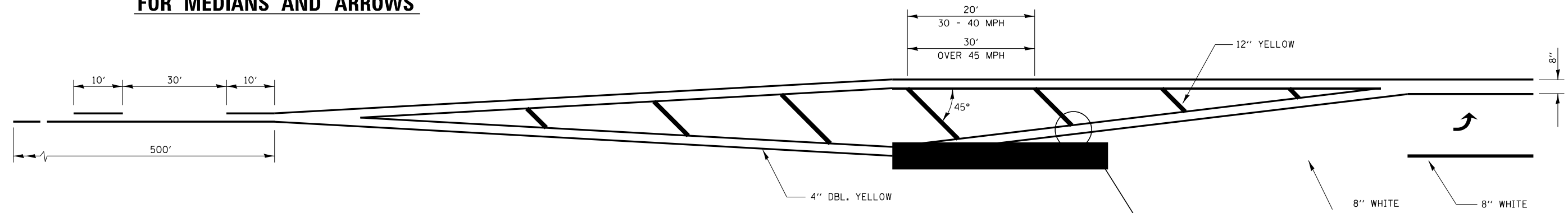
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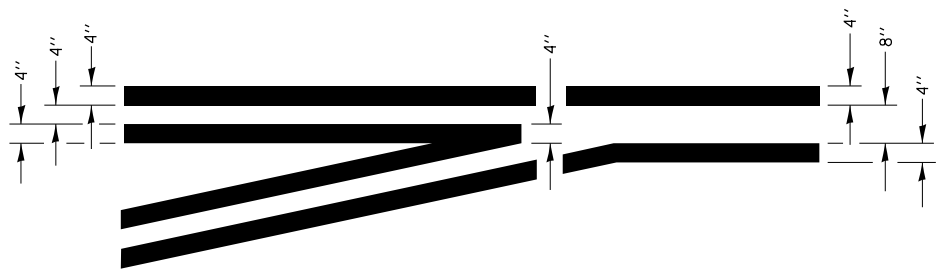
**DETAIL A**

**SECTION A-A**

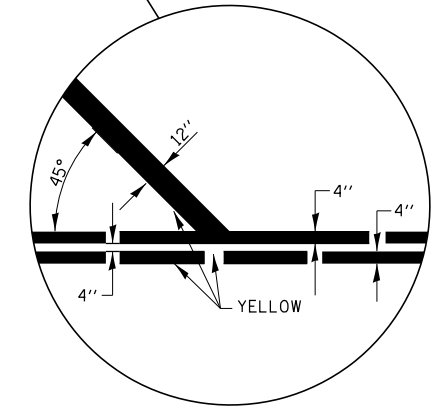
**TYPICAL GROOVED RUMBLE STRIP  
APPLICATION IN ADVANCE OF AN INTERSECTION**



**ADVANCE AND INTERSECTION LANE  
DIVIDER LINES**



**TYPICAL APPLICATION  
LEFT TURN LANES**



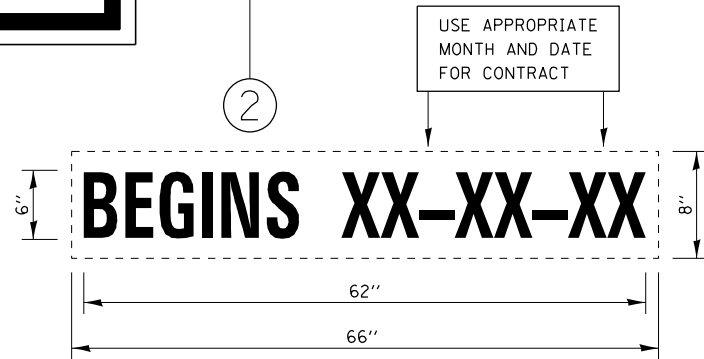
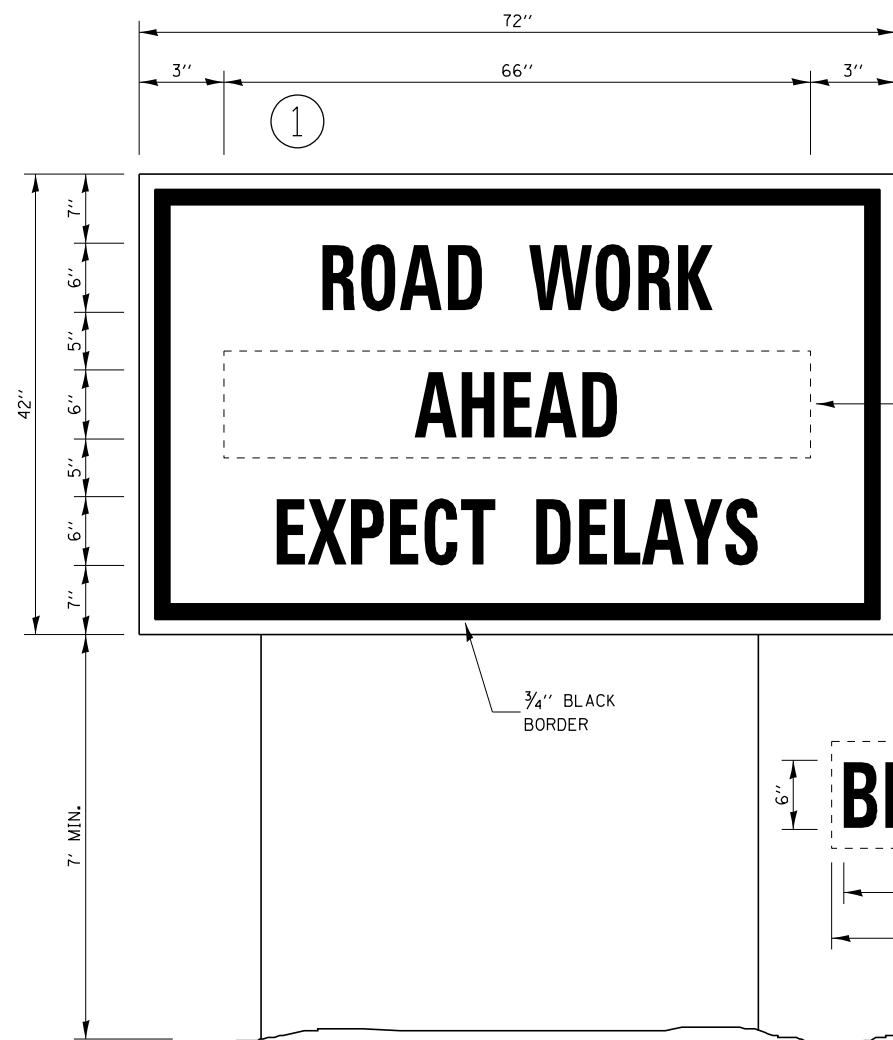
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

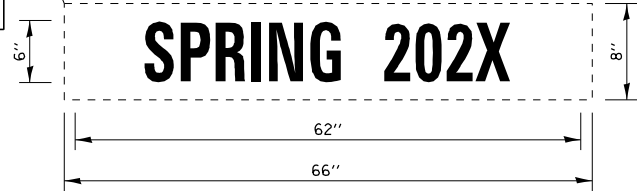
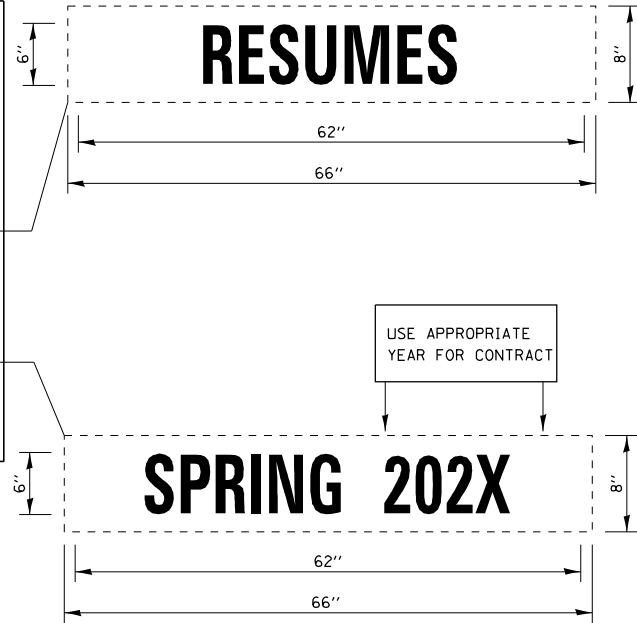
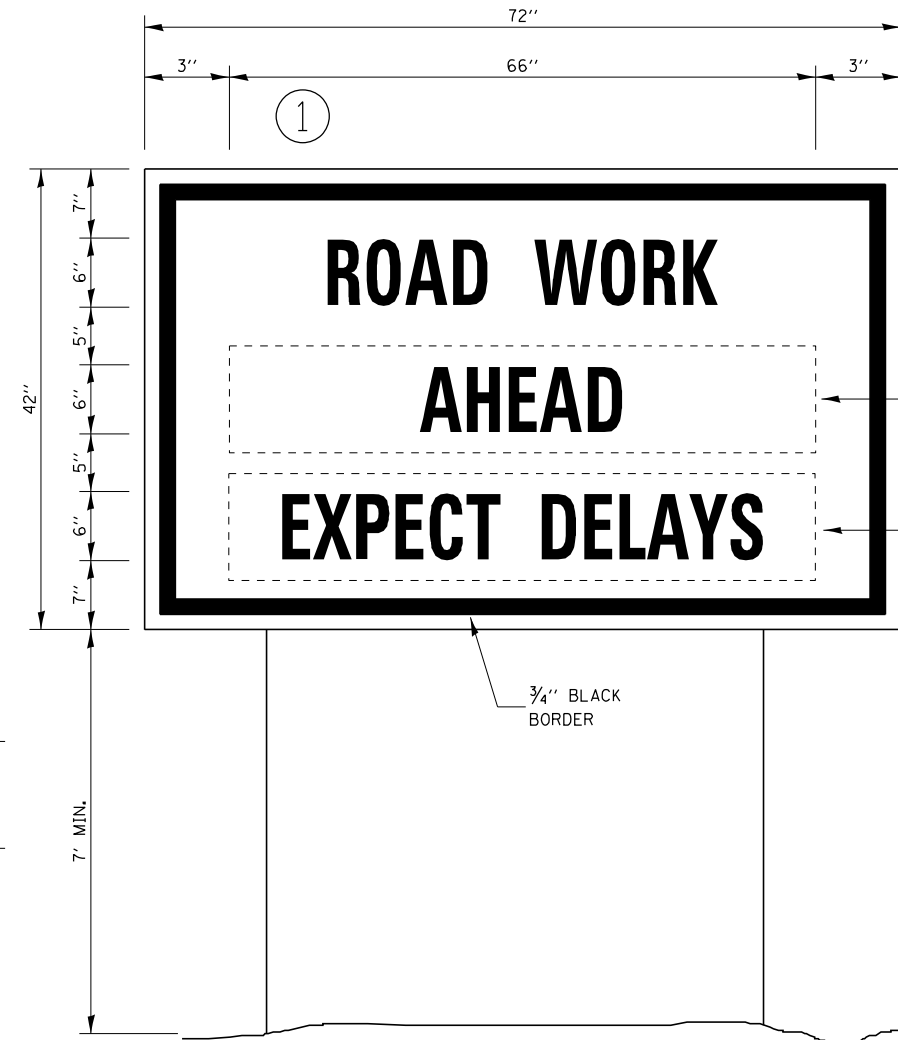
<b>DETAILS</b>			
SCALE:	SHEET NO. 10 OF 12 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
17	(125, HRS-3)	DEKALB	42	40
CONTRACT NO. 66E20				
ILLINOIS FED. AID PROJECT				





**TEMPORARY INFORMATION SIGNING**

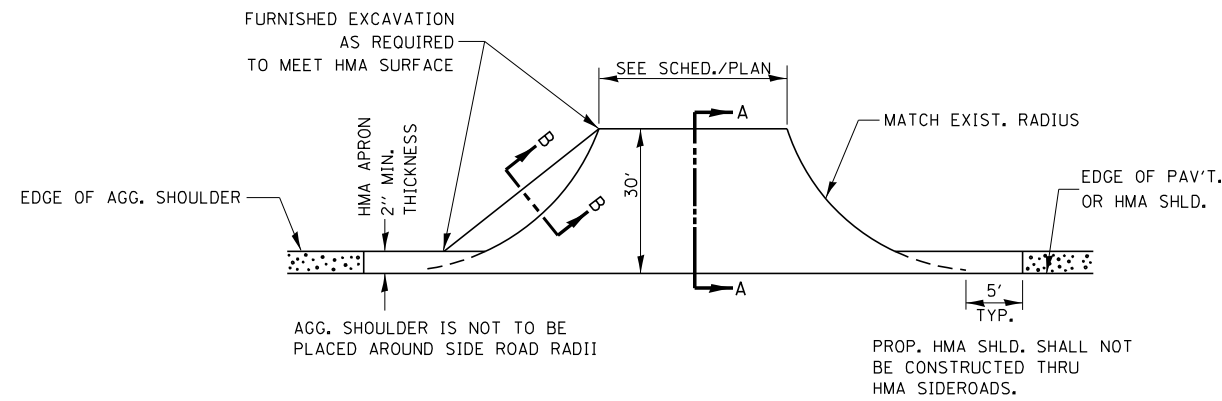


**WINTER SHUT DOWN SIGNING**

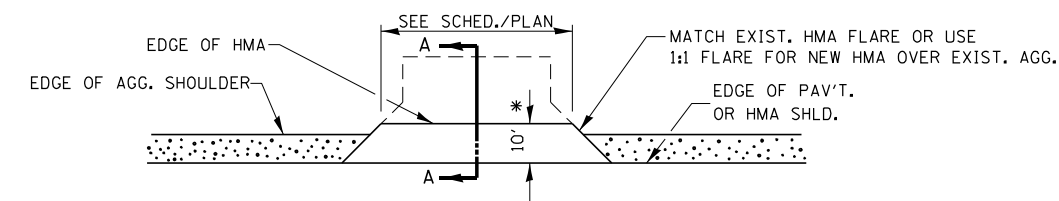
**NOTES:**

1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
4. REMOVE PANEL ② ON THAT DATE.
5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SQ FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

FILE NAME =	USER NAME = pletschr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAILS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\idot-pw\bentley.com\PWIDOT\Documents\IDOT Offices\District 3\Projects\0366E20\CAD\DRAWN\0366E20-shd-details.dgn	DRAWN	REVISION	DATE					17	(125, HRS-3	DEKALB	42	41
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 66E20			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 10/20/2021	DATE -	REVISED -		SCALE:	SHEET NO. 11 OF 12 SHEETS	STA.	TO STA.				

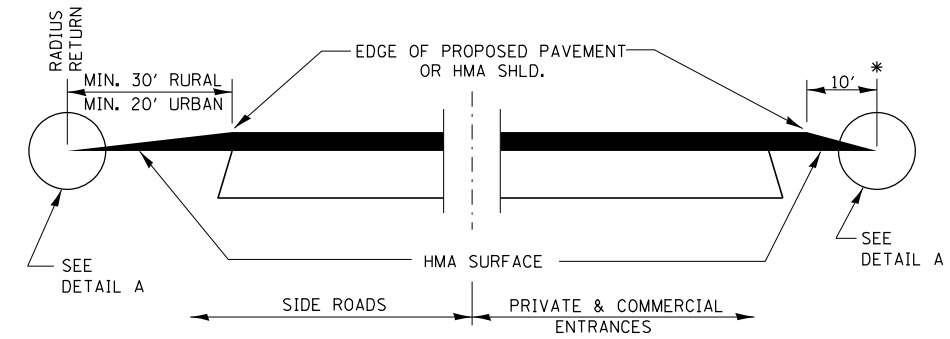


**PLAN AT SIDE ROADS**

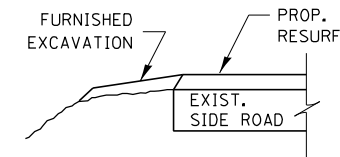


**PLAN AT PRIVATE & COMMERCIAL ENTRANCES**

(DO NOT RESURFACE FIELD ENTRANCES)

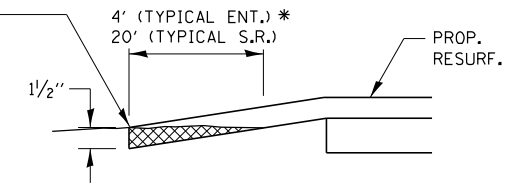


**SECTION A-A  
DETAILS AT ENTRANCES & SIDE ROADS**

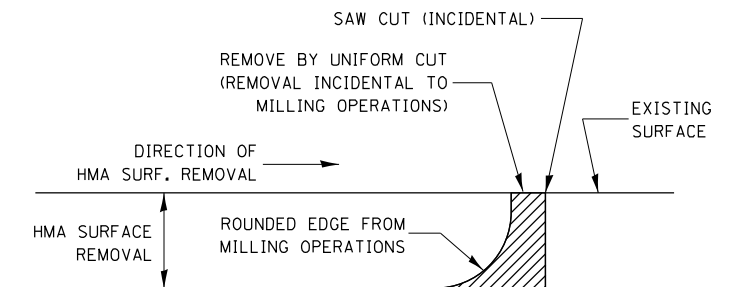


**SECTION B-B**

THE COST OF REMOVAL AT EXISTING HMA OR P.C.C. LOCATIONS SHALL BE PAID FOR PER SQ. YD. BY THE APPROPRIATE PAY ITEM. REMOVAL AT THE EXISTING AGG. LOCATIONS SHALL BE INCIDENTAL TO THE HMA. A-3 LOCATIONS SHALL BE FEATHER TAPERED.



**DETAIL A**



NOTE:

WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL

**HMA DETAIL AT BUTT JOINTS**

FILE NAME =	USER NAME = pletschr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAILS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\idot-pw.bentley.com\PWIDOT\Documents\IDOT Offices\District 3\Projects\0366E20\CADRAW\0366E20-shd-details.dgn		CHECKED -	REVISED -			17	(125, HRS-3)	DEKALB	42	42
Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -			CONTRACT NO. 66E20				
	PLOT DATE = 10/20/2021					ILLINOIS FED. AID PROJECT				