STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

FA.P. SECTION COUNTY TOTAL SHEET NO. 587 (17, 18) SFY, Y LASALLE 9 1 ILLINOIS CONTRACT NO. 66K19

D-93-085-19

INDEX OF SHEETS

- COVER SHEET
 GENERAL NOTES
- 3-4 SUMMARY OF QUANTITIES
- 5 TYPICAL SECTIONS
- 6-7 SCHEDULES
- 8-9 DETAILS

701901-08

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PROPOSED HIGHWAY PLANS

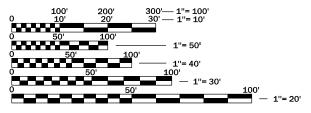
FAP ROUTE 587 (US 34)
SECTION (17, 18) SFY, Y
PROJECT: HSIP - UJPT (527)
SHOULDER WIDENING AND RUMBLE STRIPS
LASALLE COUNTY

C-93-105-19

HIGHWAY STANDARDS

TRAFFIC CONTROL DEVICES

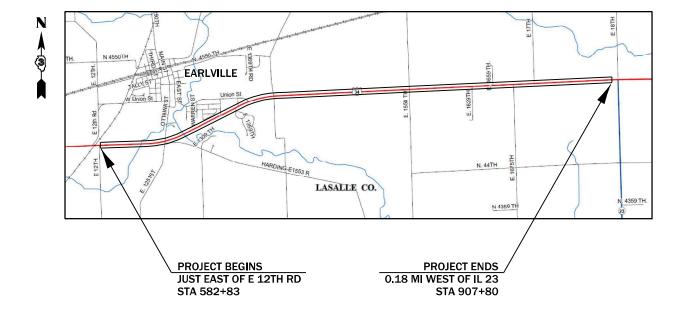
000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS DECIMAL OF AN INCH AND OF A FOOT 001006 406201-01 MAILBOX TURNOUT 482001-02 HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT 482006-03 HMA SHOULDER ADJACENT TO RIGID PAVEMENT 642006-01 SHOULDER RUMBLE STRIPS, 8 INCH 701006-05 OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY 701311-03 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH 701326-04



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.

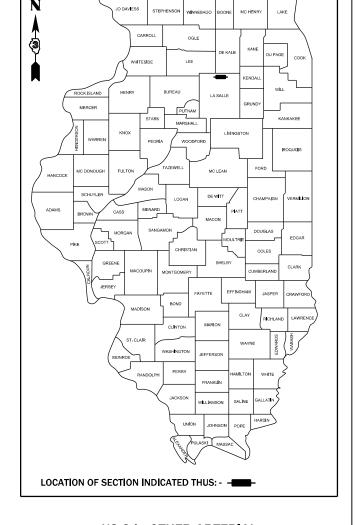
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1–800–892–0123
OR 811

PROJECT ENGINEER: JOE KANNEL, P.E. UNIT CHIEF: MARC BUDZYNSKI, P.E. DISTRICT 3 NO. (815) 434–6131 CONTRACT NO. 66K19

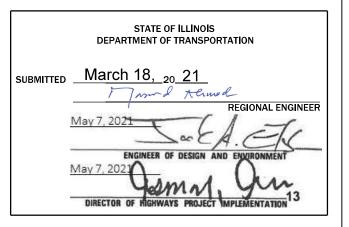


GROSS LENGTH = 32,497 FT. = 6.15 MILES

NET LENGTH = 30,953 FT. = 5.86 MILES



US 34 - OTHER ARTERIAL 2017 ADT = 2900 P.V. = 93.5% S.U. = 3.4% M.U. = 3.1%



PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

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.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

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

ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRIC CABLE WILL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

HMA MIXTURE	REQUIREMENT	TABLE		
LOCATION(S):	ENTIRE PROJECT	ENTIRE PROJECT		
MIXTURE USE(S):	SHOULDER	SHOULDER		
MIXTORE OSE(S).	BOTTOM LIFT(S)	TOP LIFT (2")		
BINDER GRADE (PG):	PG 64-22	PG 64-22		
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50		
MIXTURE COMPOSITION:	IL-19.0	11 0 5 50		
(MIXTURE GRADATION)	IL-19.0	IL-9.5 FG		
FRICTION AGGREGATE:	-	-		
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN		
QUALITY MANAGEMENT	QC/QA	QC/QA		
PROGRAM:	QC/QA	QC/QA		
SUBLOT SIZE:	N/A	N/A		
DENSITY TEST METHOD:	CORES/NUCLEAR	CORES/NUCLEAR		

COMMITMENTS:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

PREPARED BY:

DISTRICT STUDIES & PLANS ENGINEER

START & END DATES OF CONSTRUCTION:

INSPECTORS:

EXAMINED BY:

DISTRICT CONSTRUCTION ENGINEER

DISTRICT MATERIALS ENGINEER

DISTRICT OPERATIONS ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DATE:

90% FED 10% STATE

				1070017112		
			<u> </u>	SAFETY		
CODE			TOTAL	0021		
NO.	ITEM	UNIT	QUANTITY	RURAL		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	9140	9140		
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	42.5	42.5		
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	313.1	313.1		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	782	782		
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	20149	20149		
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	53284	53284		
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	220	220		
66900530	SOIL DISPOSAL ANALYSIS	EACH	7	7		
66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1.0	1.0		
66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1.0	1.0		
66901006	REGULATED SUBSTANCES MONITORING	CAL DA	12	12		
	MEGGENTED SOBSTANCES MONTTONTING	CAL DA	12	12		
67100100	MOBILIZATION	L SUM	1.0	1.0		
	1.00.12.12.11.0.1	2 3014	110			
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1.0	1.0		
, 5100500	THE CONTROL AND THOTECTION, STANDARD 701320	2 3014	1.0	1.0		
70102015	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10	10		
10103012	THATTIC CONTROL SURVEILLANCE	CAL DA	10	10		

^{*=} SPECIALTY ITEM

SCALE:

USER NAME = budzynskim	DESIGNED -	REVISED -	Г
	DRAWN -	REVISED -	ĺ
PLOT SCALE = 100.0000 / in	CHECKED -	REVISED -	ĺ
PLOT DATE = 3/18/2021	DATE -	REVISED -	İ

	F.A.P. RTE.	SECT	TION					
	SUMMARY	OF QU	ANTITIES	•	587	(17, 18)	SFY, Y	
SHEET	OF	SHEETS	STA.	TO STA.			ILLINOIS	FED. A

CONSTR.	CODE
90% F	ED
10% ST/	ATE
	90% FI 10% STA

					SAFETY
	CODE			TOTAL	0021
	NO.	ITEM	UNIT	QUANTITY	RURAL
*	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	128892	128892
	X0800001	SHOULDER REMOVAL (SPECIAL)	SQ YD	20149	20149
	·				•
	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	42	42

^{*=} SPECIALTY ITEM

USER NAME = budzynskim DESIGNED -REVISED -DRAWN -REVISED -PLOT SCALE = 100.0000 / in CHECKED -REVISED -PLOT DATE = 3/18/2021 DATE REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

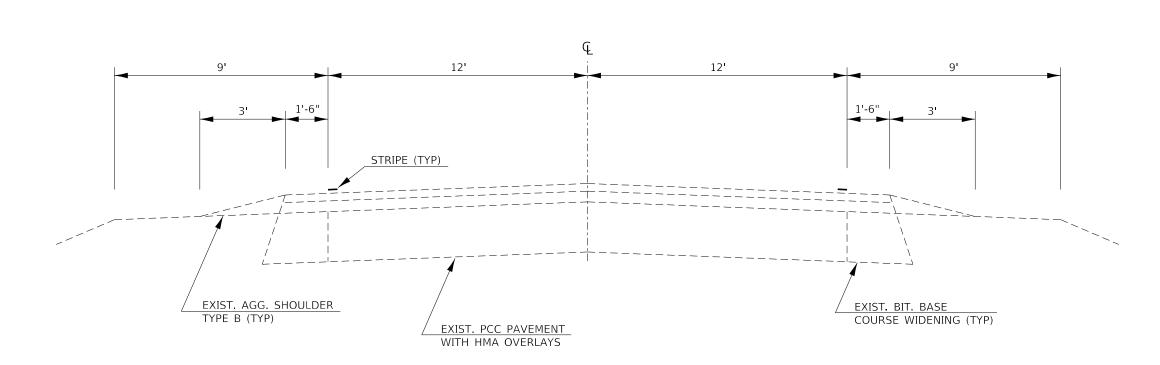
SUMMARY OF QUANTITIES SCALE: SHEET OF SHEETS STA. TO STA.

COUNTY TOTAL SHEET NO.

18) SFY, Y LASALLE 9 4

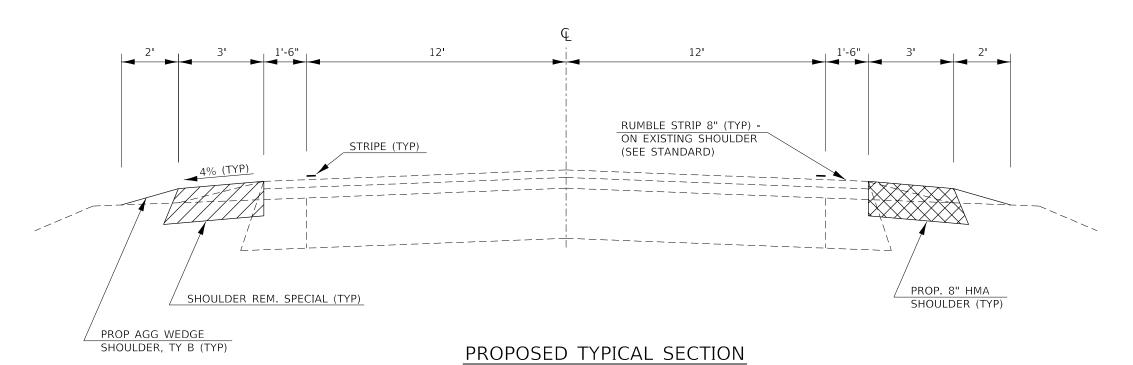
CONTRACT NO. 66K19

ILLINOIS FED. AID PROJECT SECTION (17, 18) SFY, Y



EXISTING TYPICAL SECTION

STA 582+83 TO STA 907+80 (SEE SCHEDULE FOR OMISSIONS)



STA 582+83 TO STA 907+80 (SEE SCHEDULE FOR OMISSIONS)

USER NAME = budzynskim	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 / in	CHECKED -	REVISED -
PLOT DATE = 3/18/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TVDICAL CECTIONS									COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL SECTIONS						587 (17, 18) SFY, Y			LASALLE	9	5
									CONTRACT	NO. 66	6K19
SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT					
_	SHEET					TYPICAL SECTIONS RTE. 587	TYPICAL SECTIONS RTE. SECTIONS 587 (17, 18)	TYPICAL SECTIONS RTE. SECTION	TYPICAL SECTIONS RTE. SECTION 587 (17, 18) SFY, Y	TYPICAL SECTIONS RTE. SECTION COORTING 587 (17, 18) SFY, Y LASALLE CONTRACT CONTRACT	TYPICAL SECTIONS RTE. SECTION COUNTY SHEETS 587 (17, 18) SFY, Y LASALLE 9 CONTRACT NO. 60

· · · · · · · · · · · · · · · · · · ·								
	MA	ILBOX TURN	OUT SCHEDU	_E				
		HMA SURF	INCIDENTAL	BIT MTLS				
STA /	SIDE	REMOVAL	HMA SURF	TACK COAT				
317. /	3.00		1	TACK COAT				
		2 "	2 "					
		SQ YD	TON	POUND				
614+70	LT	13.6	1.6	7				
648+95	RT	16.4	1.9	8				
651+16	RT	21.5	2.5	10				
659+98	RT	15.8	1.8	8				
661+55	LT	-	-	-				
662+40	RT	-	1.7	7				
666+68	RT	-	0.8	4				
668+01	RT	22.3	2.5	11				
669+05	RT	-	1.7	7				
674+53	RT	14.2	1.6	7				
679+47	RT	13.2	1.5	6				
681+00	LT	7.8	0.9	4				
694+90	RT	13.8	1.6	7				
700+25	RT	-	1.7	7				
715+45	RT	20.3	2.3	10				
724+07	RT	10.3	1.2	5				
731+54	RT	21.8	2.5	10				
747+70	RT	24.7	2.8	12				
756+73	RT	11.4	1.3	6				
763+78	RT	11.4	1.3	6				
777+21	RT	16.9	1.9	8				
787+68	RT	17.3	2.0	8				
817+78	RT	17.4	2.0	8				
832+30	RT	19.6	2.2	9				
881+62	LT	3.4	0.4	2				
895+36	LT	-	0.8	4				
TOT	AL	313.1	42.5	181				

THE FIRST 3 FEET OF THE MBTO ADJACENT TO THE TRAVELED WAY IS PAID AS SHOULDER REMOVAL (SPECIAL) AND HMA SHOULDERS 8". THE REMAINING AREA OF THE MBTO IS AS HMA SURFACE REMOVAL 2" AND INCIDENTAL HMA SURFACE 2".

					SHOUL	DER REMOV	'AL & REPL	ACEMENT SCI	HEDULE					
LOCATION		SIDE		SIDE		SIDE		LENGTH	SHOULDER REMOVAL (SPECIAL)	SHOULDERS	AGG WEDGE SHOULDER, TYPE B, 2'	TACK COAT	SHOULDER RUMBLE STRIPS, 8"	*PAINT PVMT MARKING WHITE 4"
STA	ТО	STA	LT .	/ RT	FOOT	SQ YD	SQ YD	TON	POUND	FOOT	FOOT			
E02+02	TO	E02+00		Т	97	2.2	32	2	7	97	200			
582+83 583+80	TO TO	583+80 606+34		& RT	2254	32 1503	1503	2 58	7 676	4508	388 9016			
606+43	ТО	607+39		.T	96	32	32	2	7	96	384			
	CTURE OMI		<u> </u>								1440			
SN 050-0	0039 = ST	A 609+19												
610+99	ТО	611+94	F	.T	95	32	32	2	7	95	380			
611+94	TO	623+19		⊊ RT	1125	750	750	29	338	2250	4500			
623+19	TO	623+47	L	T	28	9	9	1	2	28	112			
E 135165	- DD - C-	A 624:20												
E 125151	Γ RD = ST	A 624+30			+									
624+68	ТО	625+45	P	T	77	26	26	1	6	77	308			
625+45	ТО	634+98		⊊ RT	953	635	635	25	286	1906	3812			
634+98	ТО	635+66	L	T	68	23	23	1	5	68	272			
CTDUC	CTUDE OM	CCION									2640			
	$\frac{\text{CTURE OMI}}{0040 = \text{ST}}$		 								3640			
314 030 0	30 10 31	71 030110												
644+76	TO	644+98	L	T	22	7	7	1	2		88			
644+98	TO	661+05	LT .		1607	1071	1071	41	482		6428			
661+05	TO	662+21		T	116	39	39	2	9		464			
662+21	ТО	662+97	L	& RT	76	51	51	2	23		304			
GREENBRIE	ER RD = S	TA 663+35												
662+97	TO	663+80		Т	83	28	28	2	6		332			
663+80	ТО	673+19	LT ·	& RT	939	626	626	24	282		3756			
F 1344th	n RD = ST	A 673+70												
2 131161	3.	0,31,0												
673+19	TO	673+86	L	T	67	22	22	1	5		268			
673+86	TO	674+64	LT	⊊ RT	78	52	52	2	23		312			
DAVE S	ST = STA	675±02	-											
NAVE S	31 - 31A	073103	<u> </u>											
674+64	TO	676+58	P	Т	194	65	65	3	15		776			
676+58	ТО	682+00	LT .	⊊ RT	542	361	361	14	162		2168			
E LINITON	CT . CT	\ 602:00			-									
E UNION	ST = STA	4 003+00			1									
682+00	ТО	684+00	P	T	200	67	67	3	15		800			
684+00	ТО	698+85	LT .	⊊ RT	1485	990	990	38	446	2970	5940			
E 14TH	RD = STA	699+27			<u> </u>									
699+69	TO	784+08	LT -	& RT	8439	5626	5626	215	2532	16878	33756			
E 1550TH	H RD = ST	A 784+91												
	PAGE ON	IE SUBTOTA	LS		18641	12047	12047	469	5336	28973	79644			

*QUANTITY REPRESENTS TWO SEPARATE APPLICATIONS

USER NAME = budzynskim	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100 0000 / in	CHECKED -	REVISED -
PLOT DATE = 3/18/2021	DATE -	REVISED -

		•	011501115	F.A.P. RTE	SECTION	COUNTY	COUNTY TOTAL SHEETS								
		5	CHEDULES	587	(17, 18) SFY, Y	LASALLE	9	6							
								CONTRACT	NO. 66	5K19					
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT								

			SHOU	LDER RE	MOVAL & R	EPLACEMEN	T SCHEDULE	, ·	D)	T
				SHOULDER	HMA	AGG WEDGE	BIT MTLS	SHOULDER	*PAINT PVMT	
LOCATION		SIDE	LENGTH	REMOVAL	SHOULDERS	SHOULDER,	TACK COAT	RUMBLE	MARKING	
					(SPECIAL)	8 "	TYPE B, 2'		STRIPS, 8"	WHITE 4"
STA TO STA		STA	LT / RT	FOOT	SQ YD	SQ YD	TON	POUND	FOOT	FOOT
E 1550TH	H RD = ST	ΓA 784+91								
704:00	TO.	704.65	1.7	F 7	1.0	10	1	4	F.7	220
784+08 785+25	TO TO	784+65 824+31	LT & RT	57 3906	19 2604	19 2604	100	4 1172	57 7812	228 15624
703123	10	024131	ET & ICT	3300	2004	2004	100	1172	7012	13024
E 1629TH	H RD = ST	ΓA 824+60								
824+31	ТО	824+89	LT	58	19	19	1	4	58	232
824+89	ТО	837+51	LT & RT	1262	841	841	33	378	2524	5048
E 1659TH	H RD = ST	ΓA 837+77								
837+51	ТО	838+03	RT	52	17	17	1	4	52	208
838+03	ТО	850+55	LT & RT	1252	835	835	32	376	2504	5008
E 1675TH	H RD = ST	ΓA 850+93								
050.55	T-0	051.31		7.6	25	3.5	1		7.6	204
850+55 851+31	TO TO	851+31 863+64	LT & RT	76 1233	25 822	25 822	1 32	6 370	76 2466	304 4932
031+31	10	003+04	LI WINI	1233	022	022	32	370	2400	4332
E 17TH	RD = STA	863+99								
863+64	ТО	864+34	RT	70	23	23	1	5	70	280
864+34	ТО	907+80	LT & RT	4346	2897	2897	111	1304	8692	17384
	PAGE TV	NO SUBTOTA	ALS	12312	8102	8102	313	3623	24311	49248
	Τ.	OTALS		30953	20149	20149	782	8959	53284	128892
	- 1	DIALS		1 20822	20149	1 20149	/02	ورون ا	33204	120092

*QUANTITY REPRESENTS TWO SEPARATE APPLICATIONS

SURVEY MONUMENT TABLE											
			EXISTING	PROPOSED	MONUMENT						
MONUMENT	DESCRIPTION	APPROXIMATE LOCATION	MONUMENT	MONUMENT	RECORD TO BE	RESPONSIBILITY					
NUMBER			TYPE	TYPE	RECORDED						
034804	SE CORNER SECTION 15, T36N, R3E, 3RD PM	1/2 MI E OF 1550TH RD	PIPE	30" #6 REBAR	YES	2					

UNKNOWN MONUMENTS SET BY OTHERS MAY EXIST. IF FOUND, R.E. WILL DIRECT PLATS AND PLANS TO TO GPS ANY MONUMENT SUBJECT TO DESTRUCTION FROM THE SHOULDER WIDENING FOR THE PURPOSE OF RESETTING IT AFTER JOB COMPLETION.

R.E. WILL DIRECT PLATS AND PLANS TO SEARCH FOR ADDITIONAL MONUMENTS IF THE CONSTRUCTION LIMITS ARE REVISED DURING CONSTRUCTION. WHEN WORK IS COMPLETED AT THE NOTED LOCATION, R.E. WILL DIRECT PLATS AND PLANS PERSONNEL TO RESET THE DESTROYED MONUMENT.

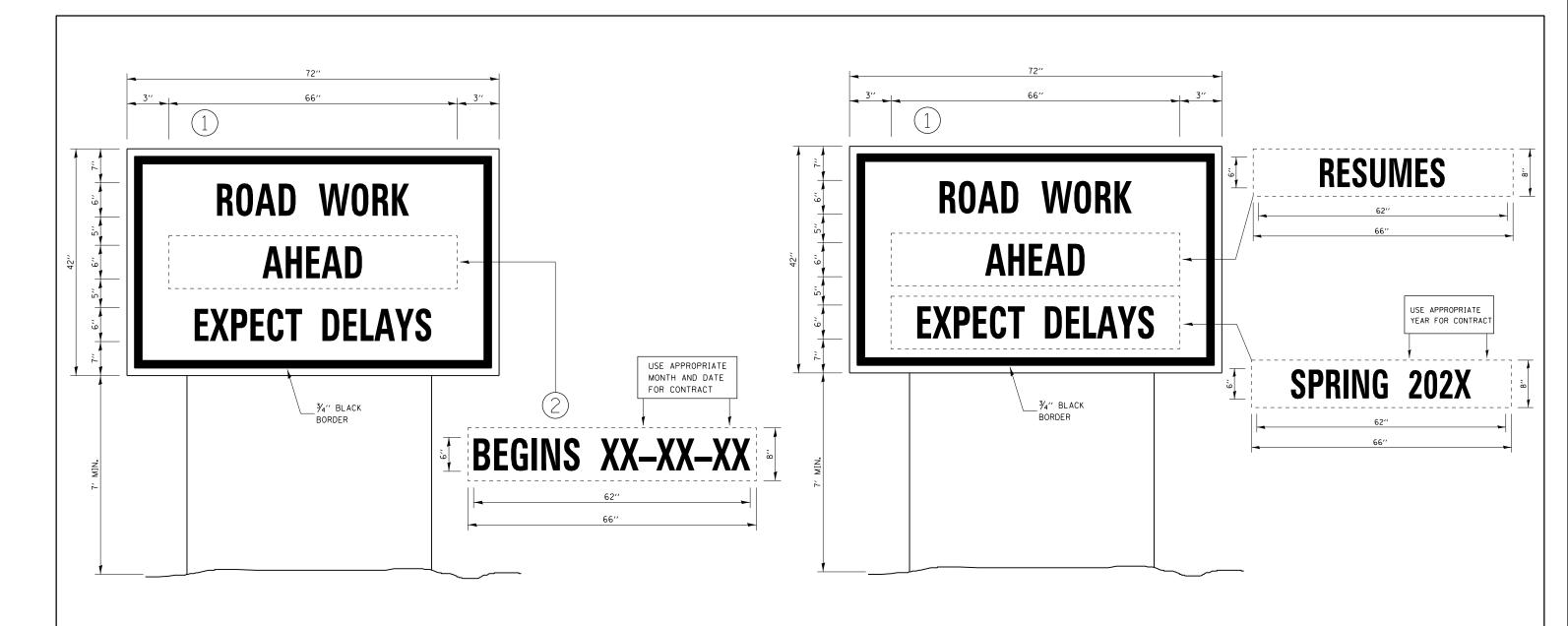
PLATS AND PLANS WILL PREPARE AND RECORD THE REQUIRED MONUMENT RECORD.

NOTE: FOR BIDDING PURPOSES, NO CONTRACTED LAND SURVEYING SERVICES WILL BE REQUIRED FOR RESETTING THE LISTED MONUMENT.

RESPONSIBILITY:

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

USER NAME = budzynskim	DESIGNED -	REVISED -									SECTION	COUNTY	TOTAL TOTAL	SHEET
	DRAWN -	REVISED -	STATE OF ILLINOIS		SCHEDULES			587	(17, 18) SFY, Y	LASALLE	9	7		
PLOT SCALE = 100.0000 / in	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION									CONTRACT	- NO. 6/	δK19
PLOT DATE = 3/18/2021	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED.	AID PROJECT		



TEMPORARY INFORMATION SIGNING

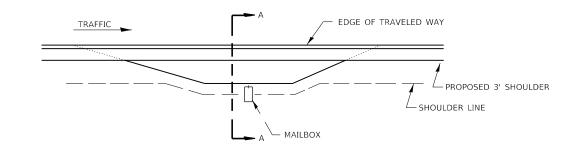
WINTER SHUT DOWN SIGNING

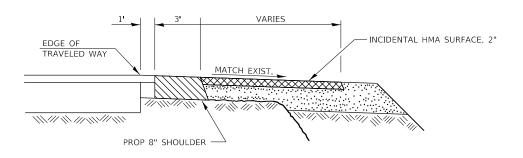
NOTES:

- 1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
- ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
- 3. ERECT SIGN() 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.

USER NAME = budzynskim	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 / in	CHECKED -	REVISED -
PLOT DATE = 3/18/2021	DATE -	REVISED -

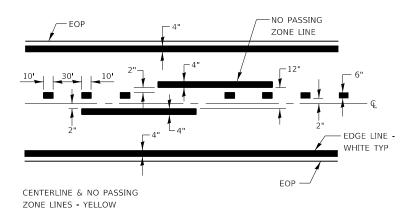
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION





SECTION A-A

RURAL MAILBOX TURNOUT DETAILS



PAVEMENT MARKING

USER NAME = budzynskim	DESIGNED -	REVISED -	STATE OF ILLINOIS	DETAILS						F.A.P.	SECTION	COUNTY	TOTA	AL SHEF	ΞET
	DRAWN -	REVISED -								587	(17, 18) SFY, Y	LASALLE	9	9	
PLOT SCALE = 100.0000 / in	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION								(,,,	CONTRA	CT NO.	66K19	9
PLOT DATE = 3/18/2021	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	\vdash	ILLINOIS LE	ED AID PROJECT			_