

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	[(37,101)BVB]BDR	LIVINGSTON	9	1
		ILLINOIS	CONTRACT NO. 66L85	

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3-4 SUMMARY OF QUANTITIES
- 5 TYPICAL SECTION
- 6 SCHEDULE OF QUANTITIES
- 7 GENERAL PLAN
- 8-9 DETAILS

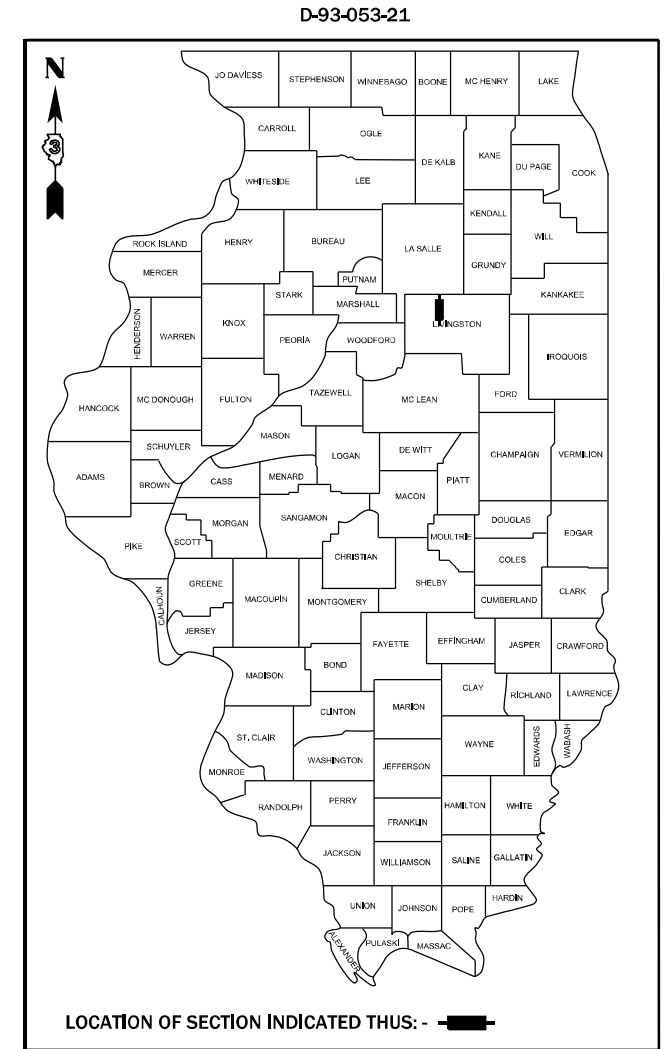
HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 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
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701901-08 TRAFFIC CONTROL DEVICES
- 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 780001-05 TYPICAL PAVEMENT MARKINGS

**PROPOSED
HIGHWAY PLANS**

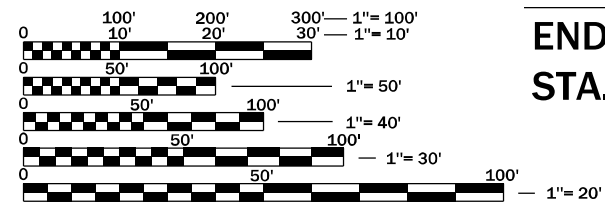
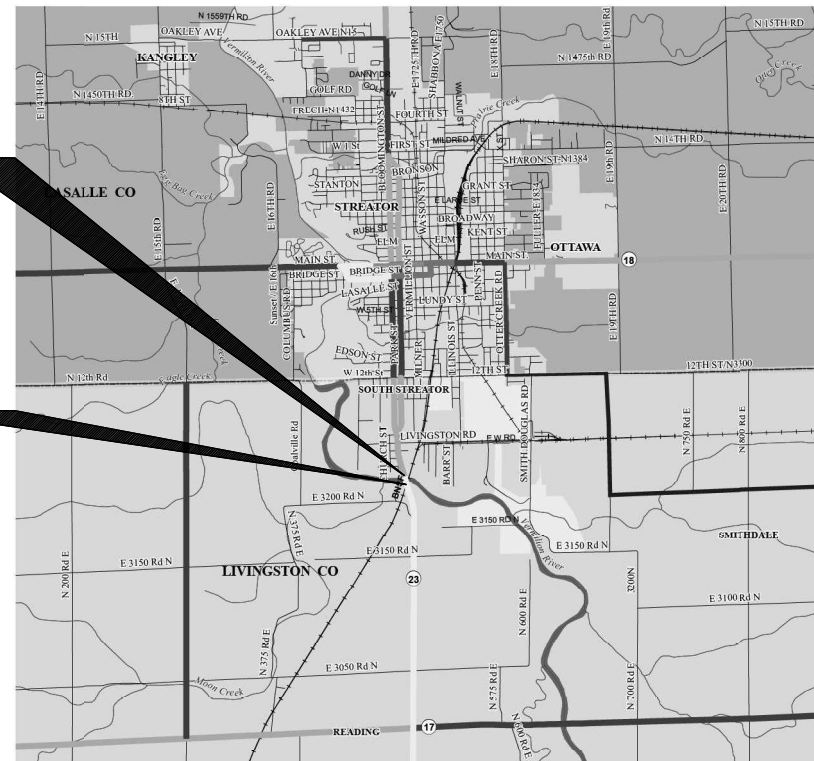
**F.A.P. ROUTE 68 (IL 23)
SECTION [(37,101)BVB]BDR
PROJECT STATE
BRIDGE DECK OVERLAY
LIVINGSTON COUNTY**

C-93-090-21



**S.N. 053-0149
BEGIN IMPROVEMENT
STA. 103+93**

**S.N. 053-0149
END IMPROVEMENT
STA. 111+95**



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: JACOB OYIER, P.E.
UNIT CHIEF: BOB BANACH
DISTRICT 3 NO. (815) 434-6131
CONTRACT NO. 66L85**

GROSS LENGTH = 802 FT. = 0.15 MILE
NET LENGTH = 802 FT. = 0.15 MILE

**FUNCTIONAL CLASSIFICATION
RURAL ARTERIAL
2020 ADT = 3,300
P.V. = 85% S.U. = 10% M.U. = 5%**

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 19, 20 21

REGIONAL ENGINEER

May 7, 2021

ENGINEER OF DESIGN AND ENVIRONMENT

May 7, 2021

DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

GENERAL NOTES

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

SHORT TERM PAVEMENT MARKING SHALL BE USED TO OUTLINE EXIT AND ENTRANCE RAMPS FOR THE PRIME COAT APPLICATION AND EACH RESURFACING LIFT.

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

HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TRM PAVFMFNT MARKING	10	FT /100 FT OF APPLICATION
LEVEL BINDER (HAND METHOD)	0.0005	TONS / SQ YD

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:

EXAMINED BY: _____
DISTRICT CONSTRUCTION ENGINEER

INSPECTORS:

DISTRICT MATERIALS ENGINEER

DISTRICT OPERATIONS ENGINEER

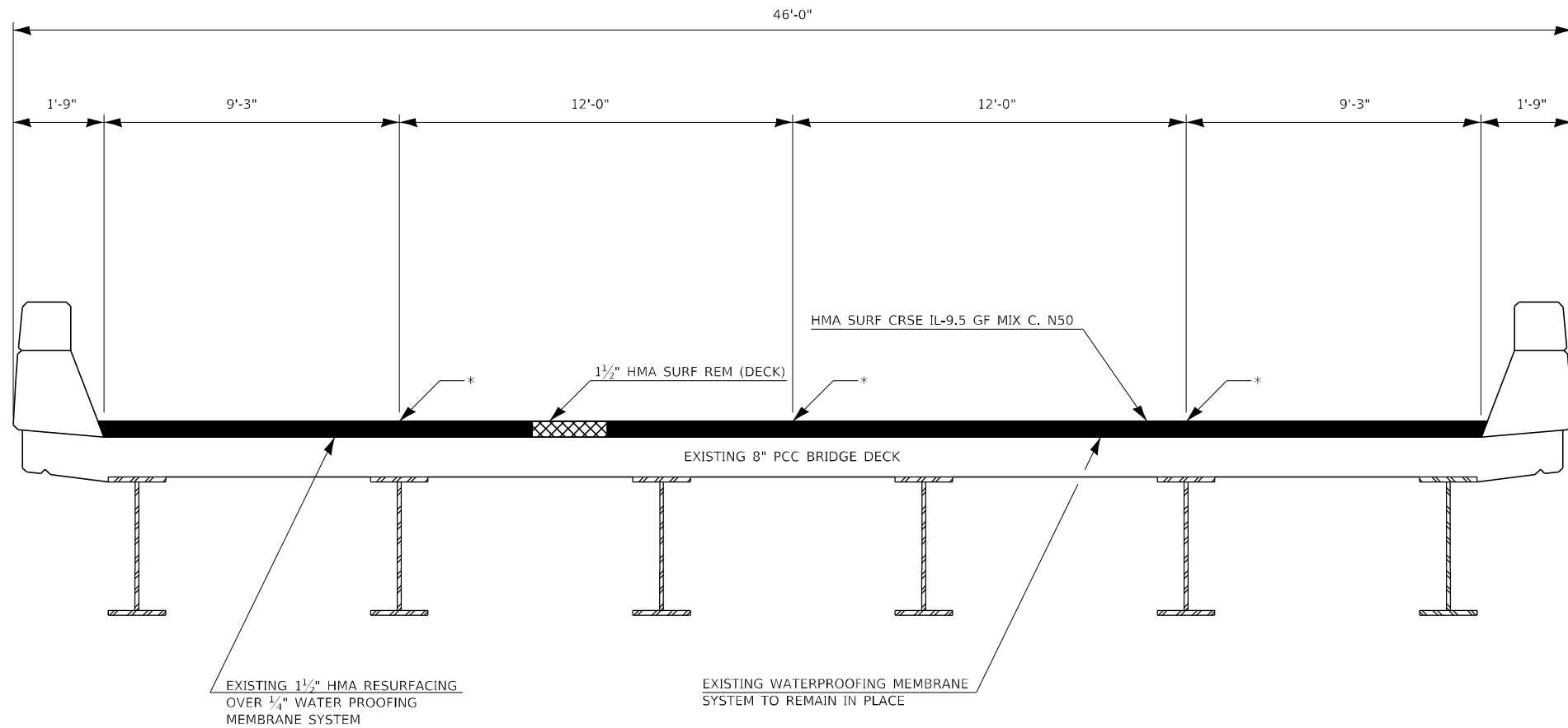
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	[(37,101)BVB]BDR	LIVINGSTON	9	2
CONTRACT NO. 66L85				
ILLINOIS FED. AID PROJECT				

USER NAME = Grunstadaj	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 100,0000 ' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 3/18/2021	DATE - _____	REVISED - _____



TYPICAL SECTION

STA. 103+93 TO 111+95

* LONGITUDINAL JOINT SEAL AT THESE LOCATIONS UNDER SURFACE LIFT.

NOTE: MILLED SURFACE WILL NOT BE EXPOSED TO TRAFFIC MORE THAN TWO DAYS.

HMA MIXTURE REQUIREMENT TABLE	
LOCATIONS:	ENTIRE PROJECT
MIXTURE USE(S):	HMA SURFACE
BINDER GRADE (PG):	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 9.5 FG
FRICTION AGGREGATE:	MIXTURE C
MIXTURE WEIGHT:	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QCQA
SUBLOT SIZE:	N/A
DENSITY TEST METHOD:	% GROWTH CURVE

RTe 23 BRIDGE SOUTH OF STREATOR

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	DRAWN - TG	REVISED - _____
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PLOT DATE = 3/19/2021	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	[(37,101)BVB]BDR	LIVINGSTON	9	5
CONTRACT NO. 66L85				
ILLINOIS FED. AID PROJECT				

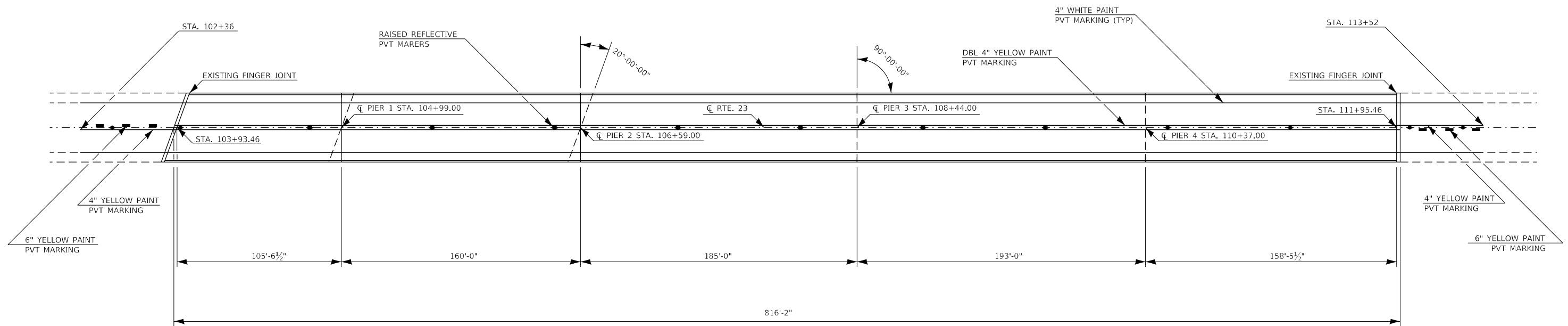
MAINLINE SCHEDULE								
LOCATION		LONG JOINT SEAL	HMA SURF REM (DECK)	HMA BIND CRSE (HM) N50	MIX FOR CRACKS, JNTS & FLGWYS	HMA SC IL 9.5FG C, N50	BIT MATL TACK CT	BIT TEMP RAMP
		FOOT	SQYD	TON	TON	TON	POUND	SQYD
103+93 TO 111+95	NBL	798	1894	2	1	164	853	15
103+93 TO 111+95	SBL	806	1894	2	1	164	853	15
103+93 TO 111+95	CL	802						
TOTAL		2406	3788	4	2	328	1706	30

PAVEMENT MARKING SCHEDULE						
LOCATION	PAINT PVMT MK LINE 4		PAINT PVMT MK LINE 6	RAISED REFL PVMT MRK	SHORT TERM PVMT MARK	SHORT TERM PVMT MARK REM
	WHITE	YELLOW	YELLOW	AMBER	FOOT	SQFT
	FOOT	FOOT	FOOT	EACH		
102+36 TO 113+52	4464	4264	120	15	1200	134
TOTAL		8728	120	15	1200	134

QUANTITY FOR PERMANENT PAVEMENT MARKINGS REFLECT TWO APPLICATIONS.

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USER NAME = Grunstadaj	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF SCHEDULES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100,0000' / in.	DRAWN - _____	REVISED - _____					68	[(37,101)BVB]BDR	LIVINGSTON	9	6
PLOT DATE = 3/18/2021	CHECKED - _____	REVISED - _____		SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____			CONTRACT NO. 66L85				
	DATE - _____	REVISED - _____					ILLINOIS FED. AID PROJECT				



PLAN
S.N. 053-0149

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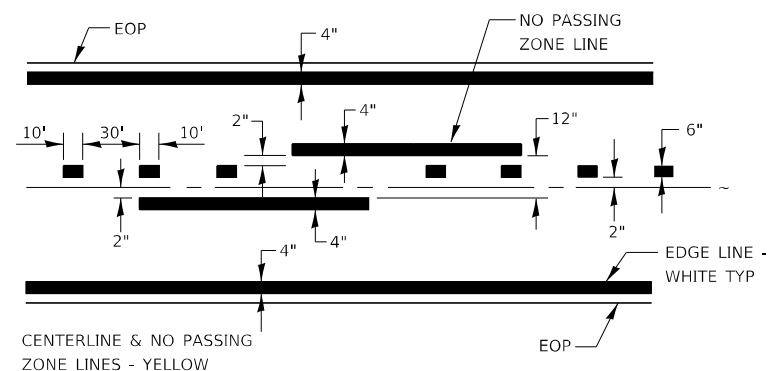
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DRAWN - TG	REVISOR - _____	REVISOR - _____
PLOT SCALE = 100,0000' / in.	CHECKED - _____	REVISOR - _____
PLOT DATE = 3/18/2021	DATE - _____	REVISOR - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

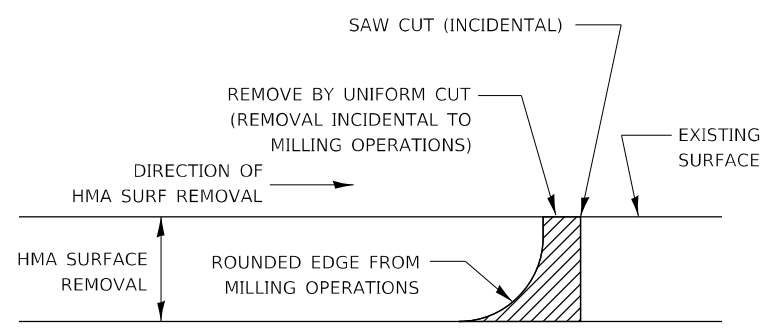
GENERAL PLAN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	[(37,101)BVB]BDR	LIVINGSTON	9	7
CONTRACT NO. 66L85				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING



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

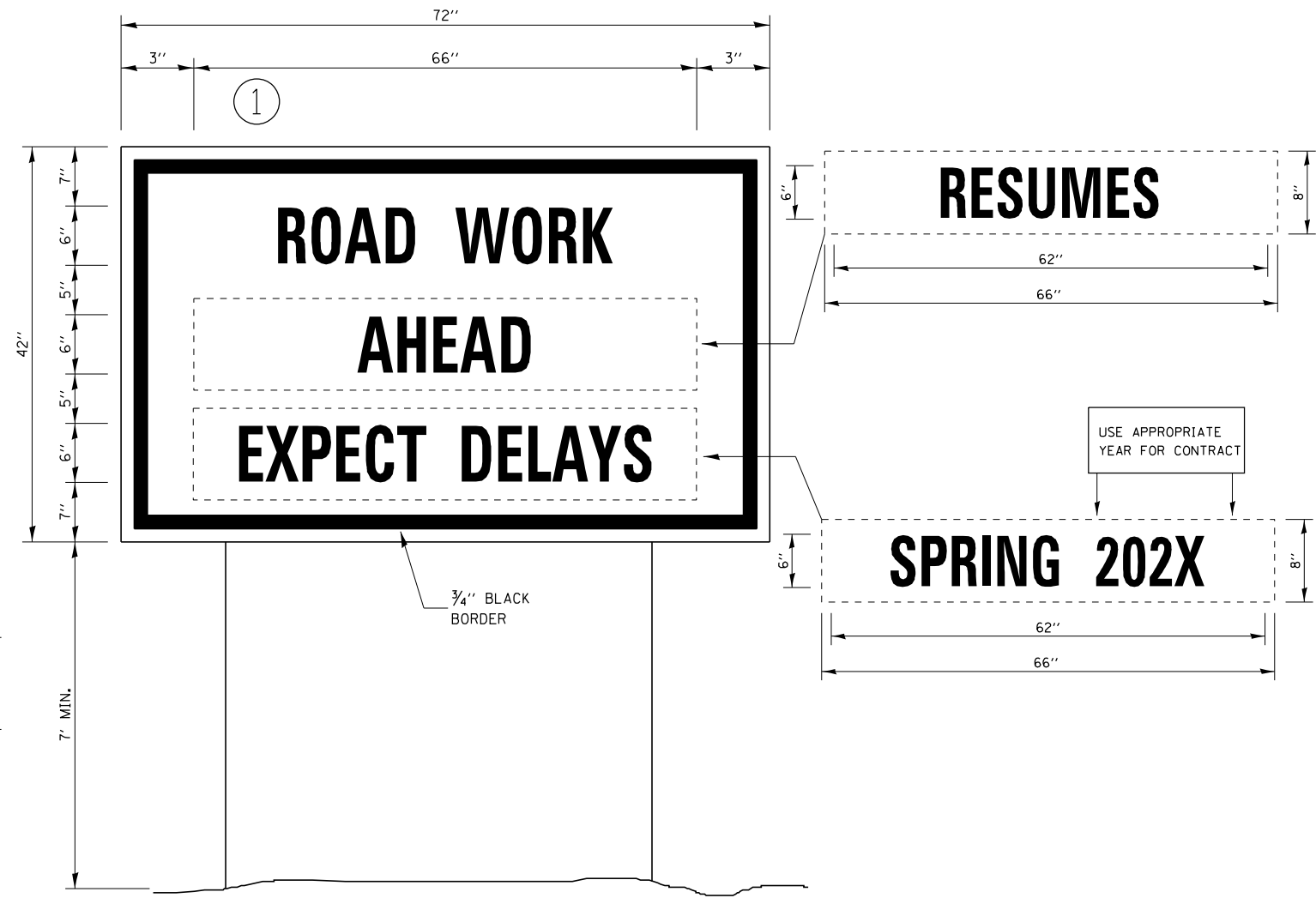
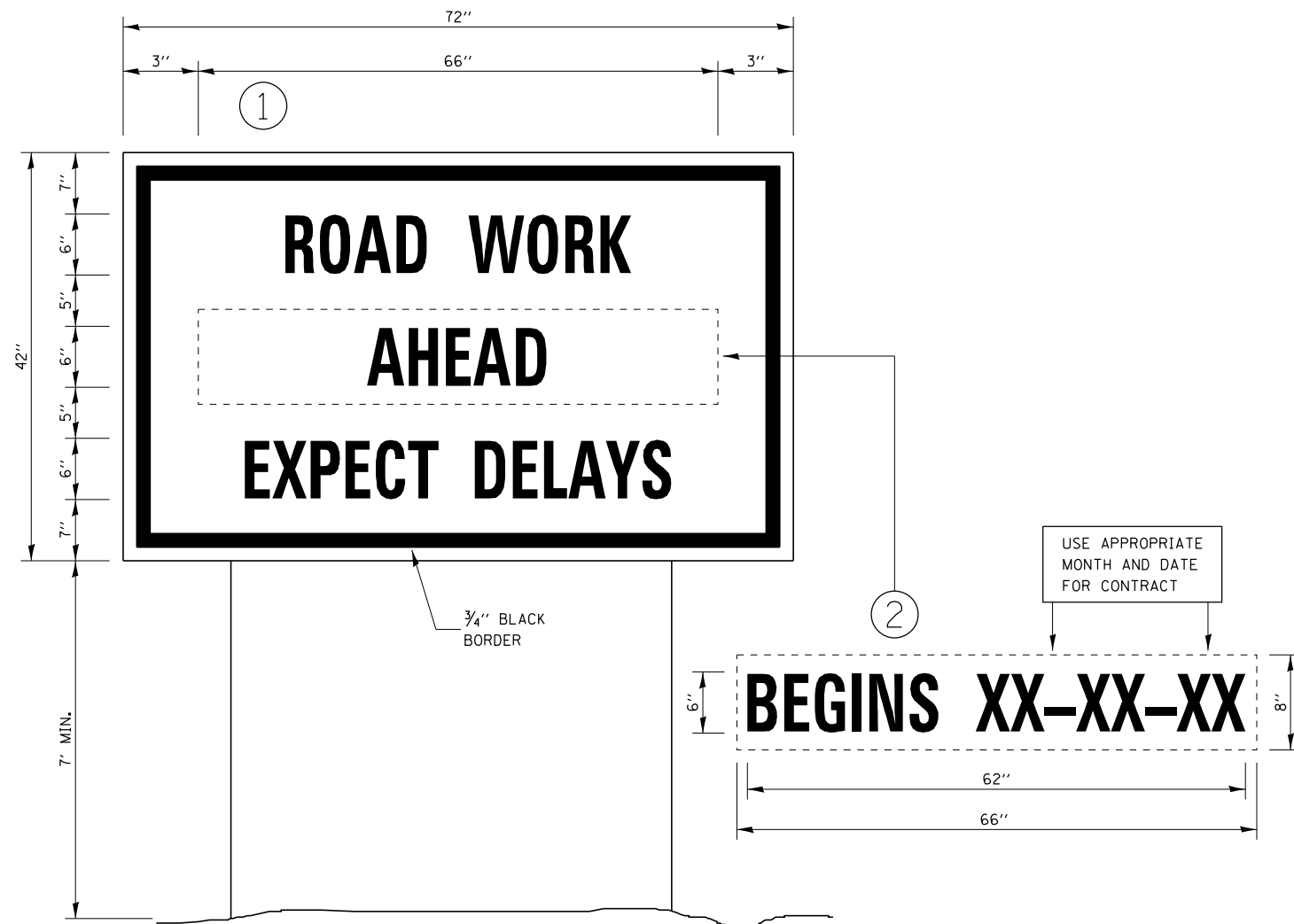
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	DRAWN - TG	REVISED - _____
PLOT SCALE = 100,0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 3/18/2021	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

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68	[(37,101)BVB]BDR	LIVINGSTON	9	8
CONTRACT NO. 66L85				
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.

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	DRAWN - TG	REVISED - _____
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PLOT DATE = 3/18/2021	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
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DETAILS

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