

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	ILLINOIS	6	1
CONTRACT NO. 66M07				

*D3 SFY ITS SMART WZ TECH 2022-01

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 SMART TRAFFIC MONITORING SYSTEM SET UP DETAIL
- 5 REAL TIME TRAFFIC CONTROL SET UP DETAIL
- 6 REAL TIME TRAFFIC CONTROL SIGN DETAIL

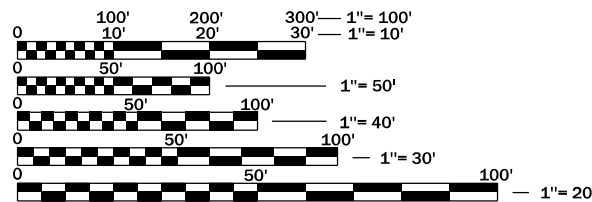
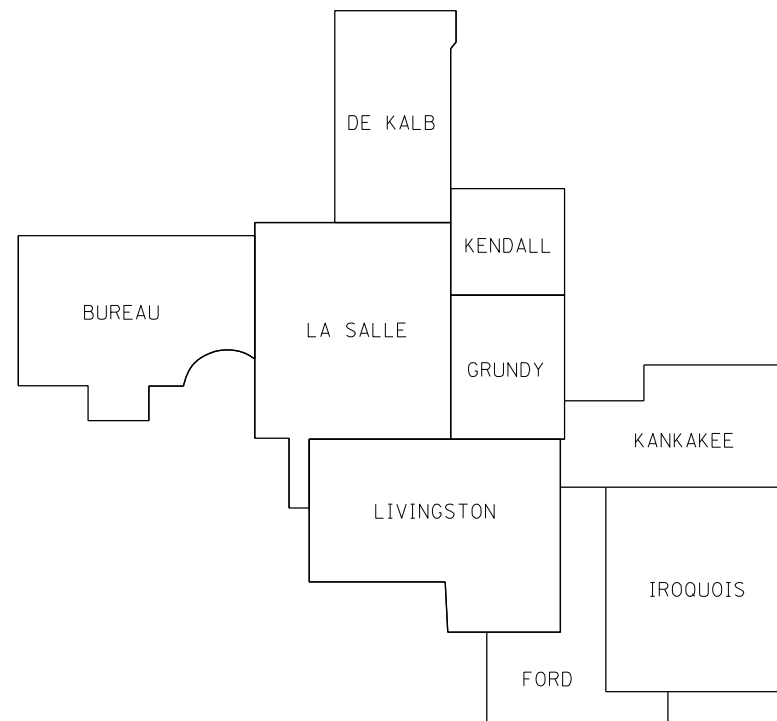
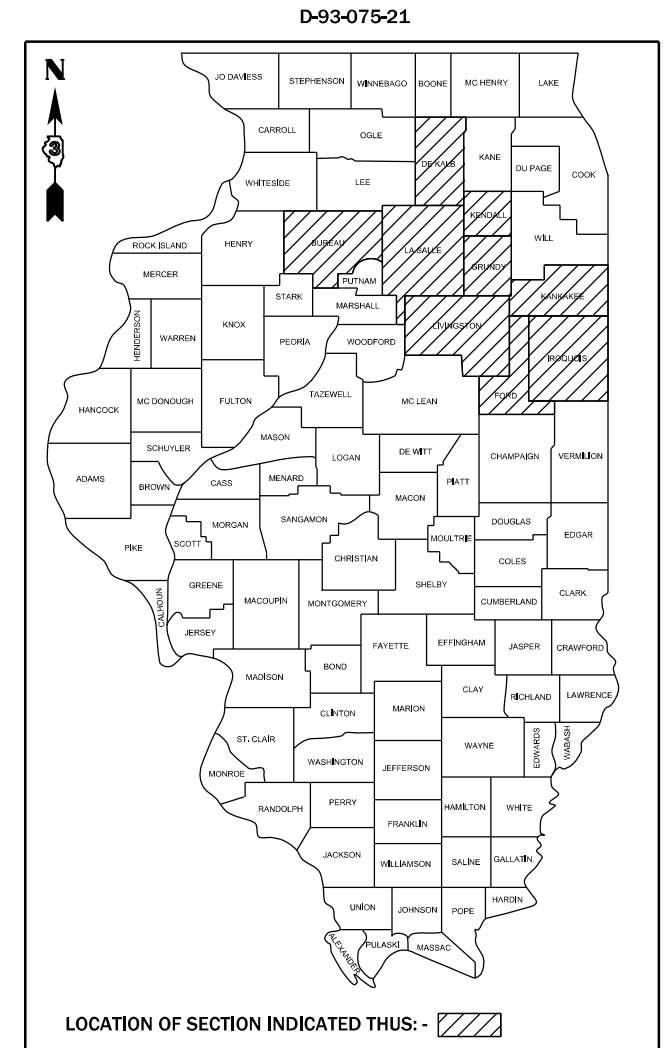
HIGHWAY STANDARDS

- 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
- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
- 701426-09 LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
- 701901-08 TRAFFIC CONTROL DEVICES

PROPOSED HIGHWAY PLANS

FAI ROUTE VARIOUS SECTION D3 SFY ITS SMART WZ TECH 2022-01 PROJECT: HSIP - WWM0 (660) ITS - SMART WORK ZONE TECHNOLOGY TRAFFIC MANAGEMENT VARIOUS COUNTIES

C-93-109-21



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. 66M07

GROSS & NET LENGTH = VARIOUS SPOT LOCATIONS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED June 28, 2021
[Signature] REGIONAL ENGINEER

August 13, 2021
[Signature] ENGINEER OF DESIGN AND ENVIRONMENT

August 13, 2021
[Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

GENERAL NOTES

FOR STABILIZATION, ALL TYPE III BARRICADES WILL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

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

THE LOCATIONS OF THE DELIVERY, SETUP, MAINTENANCE, AND REMOVAL OF THE SMART TRAFFIC MONITORING SYSTEM SHALL BE DETERMINED BY THE DISTRICT 3 CONSTRUCTION OFFICE (815-434-6131).

ANY CALL-OUT MAY BE CANCELLED AT THE DEPARTMENT'S DISCRETION.

COMMITMENTS:

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'03 SFY ITS SMART WZ TECH 2022-01

USER NAME = budzynskim	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED -			VAR	*	VARIES	6	2	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 66M07					
PLOT DATE = 6/27/2021	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
					ILLINOIS FED. AID PROJECT					

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				90% FED 10% STATE
				NONE
				0021
				RURAL
X0328003	REAL-TIME TRAFFIC CONTROL SYSTEM	WEEK	45	45
X0328004	REAL-TIME TRAFFIC CONTROL SENSOR UNIT	WEEK	135	135
X7010239	CHANGEABLE MESSAGE SIGN, SPECIAL	CAL WK	65	65
X8570002	SMART TRAFFIC MONITORING SYSTEM	CAL WK	15	15
X8570004	SMART TRAFFIC MONITORING DEVICE	CAL WK	60	60

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	DRAWN -	REVISED -
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PLOT DATE = 6/27/2021	DATE -	REVISED -

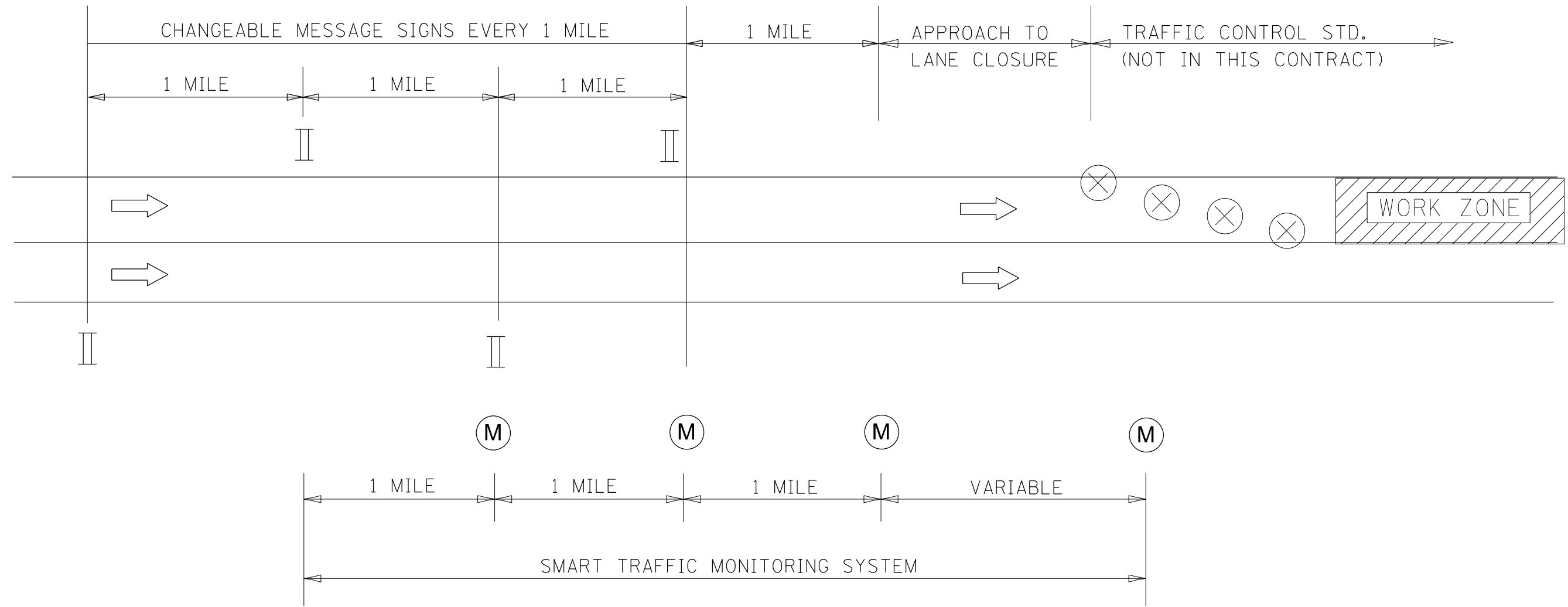
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	VARIES	6	3
			CONTRACT NO. 66M07	
		ILLINOIS	FED. AID PROJECT	

*03 SFY ITS SMART WZ TECH 2022-01



NOTES:

- ① ACTUAL LOCATION OF SMART MONITORING DEVICES SHALL BE BASED ON MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS ALONG WITH THE SPECIAL PROVISIONS AND AS DIRECTED BY THE ENGINEER.
- ② MODIFICATIONS MAY BE NECESSARY TO ACCOMODATE SPECIFIC CLOSURES. ALL CHANGES WILL BE APPROVED BY THE ENGINEER.

LEGEND

- II PORTABLE CHANGEABLE MESSAGE SIGN
- (M) SMART TRAFFIC MONITORING DEVICE
- (X) DRUM/BARRICADES PER APPLICABLE STND (BY OTHERS)

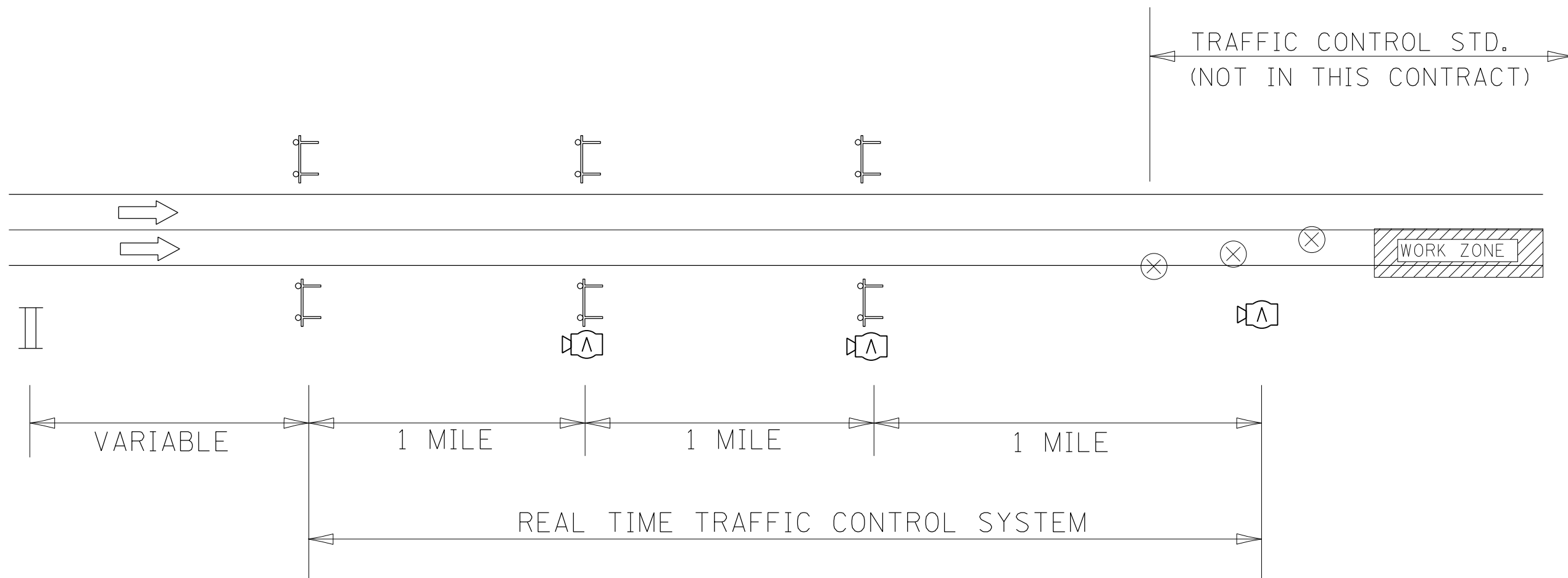
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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/27/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SMART TRAFFIC MONITORING SYSTEM DETAIL			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.



*D3 SFY ITS SMART WZ TECH 2022-01					
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
VAR	*	VARIES	6	4	
			CONTRACT NO. 66M07		
ILLINOIS FED. AID PROJECT					



NOTES:

- ① ACTUAL LOCATION OF REAL TIME MONITORING DEVICES SHALL BE BASED ON MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS ALONG WITH THE SPECIAL PROVISIONS AND AS DIRECTED BY THE ENGINEER.
- ② MODIFICATIONS MAY BE NECESSARY TO ACCOMODATE SPECIFIC CLOSURES. ALL CHANGES WILL BE APPROVED BY THE ENGINEER.

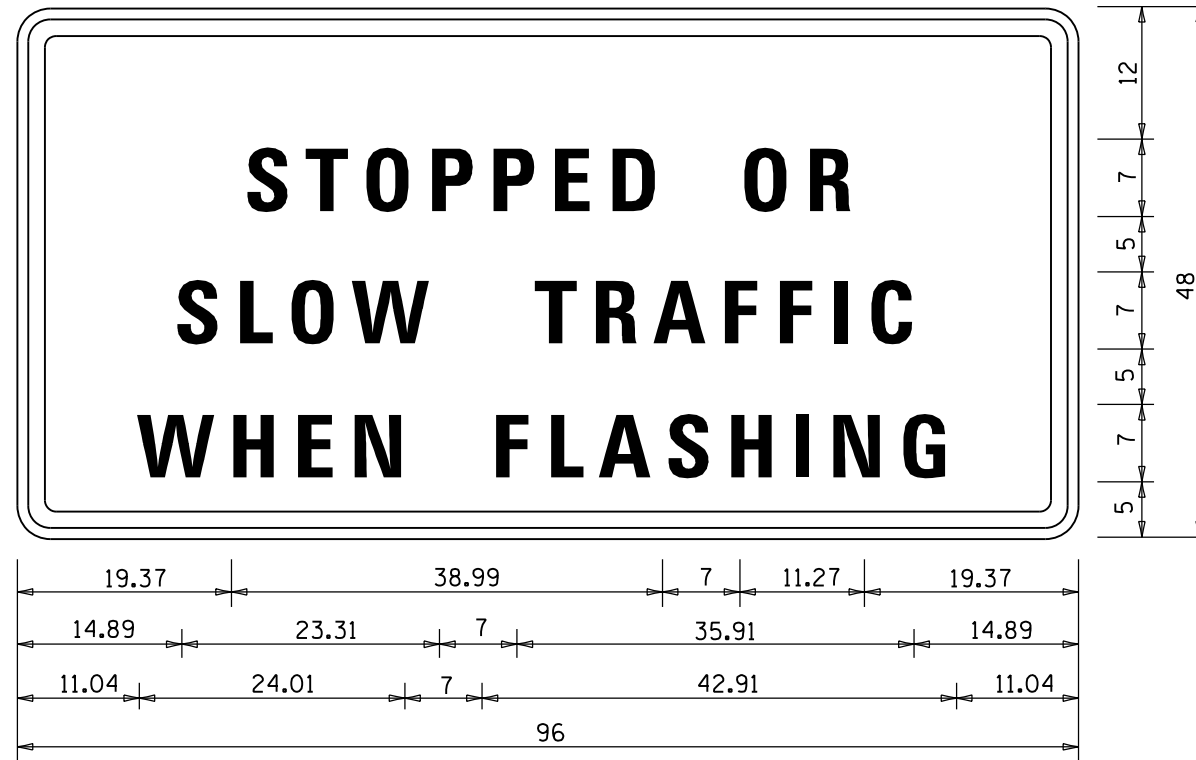
LEGEND

 PORTABLE CHANGEABLE MESSAGE SIGN
 RTTC SENSOR UNIT DEVICE INCLUSIVE OF THE FOLLOWING
 REAL TIME TRAFFIC SENSOR
 WARNING SIGN W' WIG WAG LIGHTS AND RTTC SENSOR

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'03 SFY ITS SMART WZ TECH 2022-01

	USER NAME = budzynskim	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REAL TIME TRAFFIC CONTROL DETAIL	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			VAR	*	VARIES	6	5
	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 66M07				
	PLOT DATE = 6/27/2021	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
									ILLINOIS	FED. AID PROJECT



Stopped Or Slow Traffic When Flashing; 2.25" Radius, 1.00" Border, 0.63" Indent, Black on Orange;
 "STOPPED OR" D 2K; "SLOW TRAFFIC" D 2K; "WHEN FLASHING" D 2K;

TABLE OF LETTER AND OBJECT LEFTS

S	T	O	P	P	E	D	O	R			
19.37	24.69	29.94	36.45	42.26	48.07	53.60	65.36	71.87			
S	L	O	W	T	R	A	F	F	I	C	
14.89	20.84	26.09	31.97	45.20	50.59	55.91	62.91	68.30	73.69	76.35	
W	H	E	N	F	L	A	S	H	I	N	G
11.04	18.32	24.76	30.29	42.05	47.44	52.20	58.71	64.66	71.10	73.90	80.20

RTTC SIGN DETAIL

EXACT LOCATIONS OF SIGNS AND OTHER RTTC SENSOR UNIT EQUIPMENT SHALL BE DETERMINED AS DETAILED IN SPECIAL PROVISION FOR REAL-TIME TRAFFIC CONTROL SYSTEM

SIGNS TO BE EQUIPPED WITH FLASHERS (SEE SPECIAL PROVISION)

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'03 SFY ITS SMART WZ TECH 2022-01

USER NAME = budzynskim	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REAL TIME TRAFFIC CONTROL SIGN DETAIL			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -					VAR	*	VARIES	6	6
PLOT DATE = 6/28/2021	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 66M07	
	DATE -	REVISED -								ILLINOIS FED. AID PROJECT	