

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	ILLINOIS	6	1
		CONTRACT NO. 66N29		

*D3 SFY ITS SMART WZ TECH 2024-01

D-93-038-23

INDEX OF SHEETS

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- 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

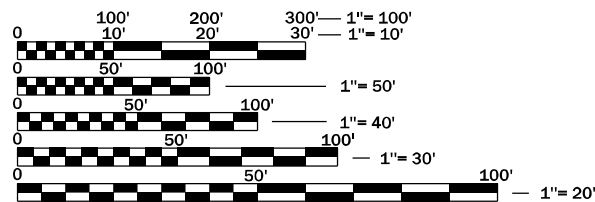
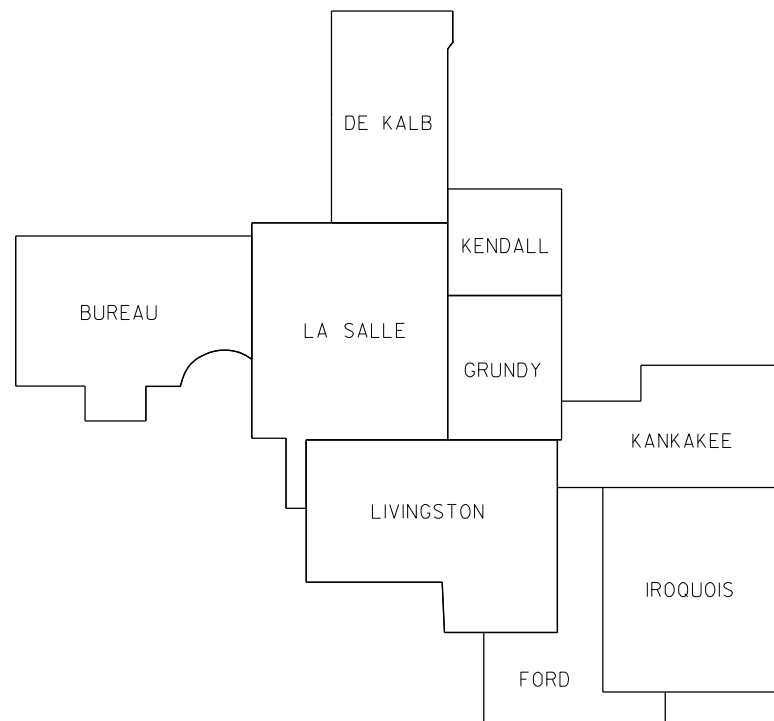
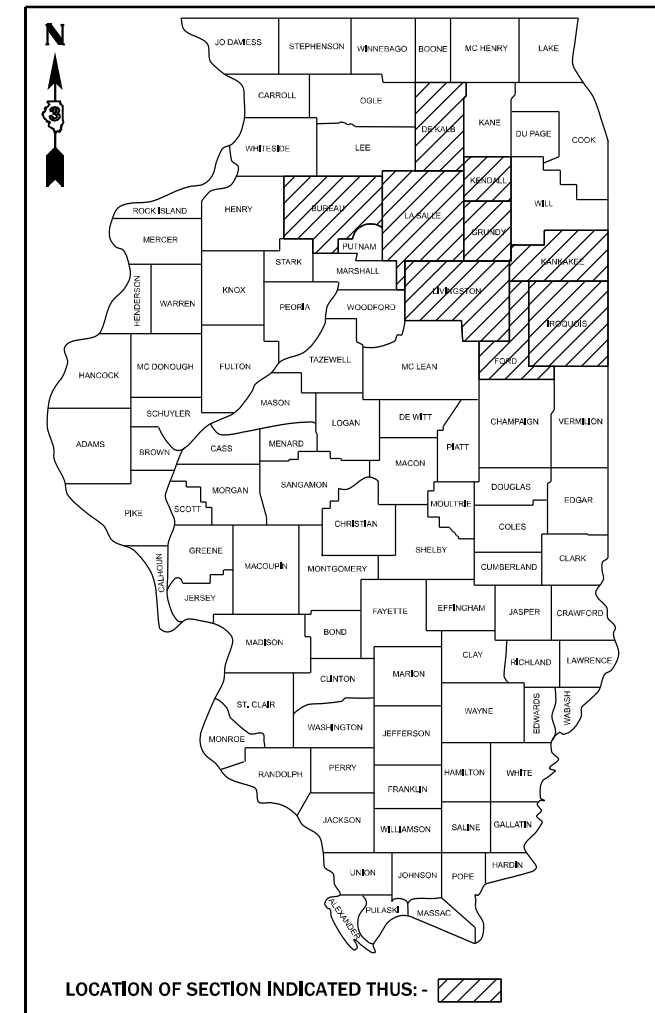
HIGHWAY STANDARDS

- 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 VARIES
SECTION D3 SFY ITS SMT WZ TECH 2024-01
PROJECT: HSIP - QREZ (383)
ITS - SMART WORK ZONE TECHNOLOGY
TRAFFIC MANAGEMENT
VARIOUS COUNTIES**

C-93-058-23



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. 66N29

GROSS & NET LENGTH = VARIOUS SPOT LOCATIONS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 15 2023
[Signature] REGIONAL ENGINEER

June 30, 2023 *[Signature]*
ENGINEER OF DESIGN AND ENVIRONMENT

June 30, 2023 *[Signature]*
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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

GENERAL NOTES

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

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

COMMITMENTS:

NONE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES
OF CONSTRUCTION:

INSPECTORS:

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*D3 SFY ITS SMART WZ TECH 2024-01

USER NAME = Marc.Budzynski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 100,000 * / in.	DRAWN -	REVISED -			VAR	*	VARIES	6	2	
PLOT DATE = 5/15/2023	CHECKED -	REVISED -			CONTRACT NO. 66N29					
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				90% FED 10% STATE SAFETY 0021 RURAL
X0328003	REAL-TIME TRAFFIC CONTROL SYSTEM	WEEK	45	45
X0328004	REAL-TIME TRAFFIC CONTROL SENSOR UNIT	WEEK	135	135
X1400386	RELOCATE EXISTING WIRELESS VEHICLE DETECTION SYSTEM	EACH	15	15
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

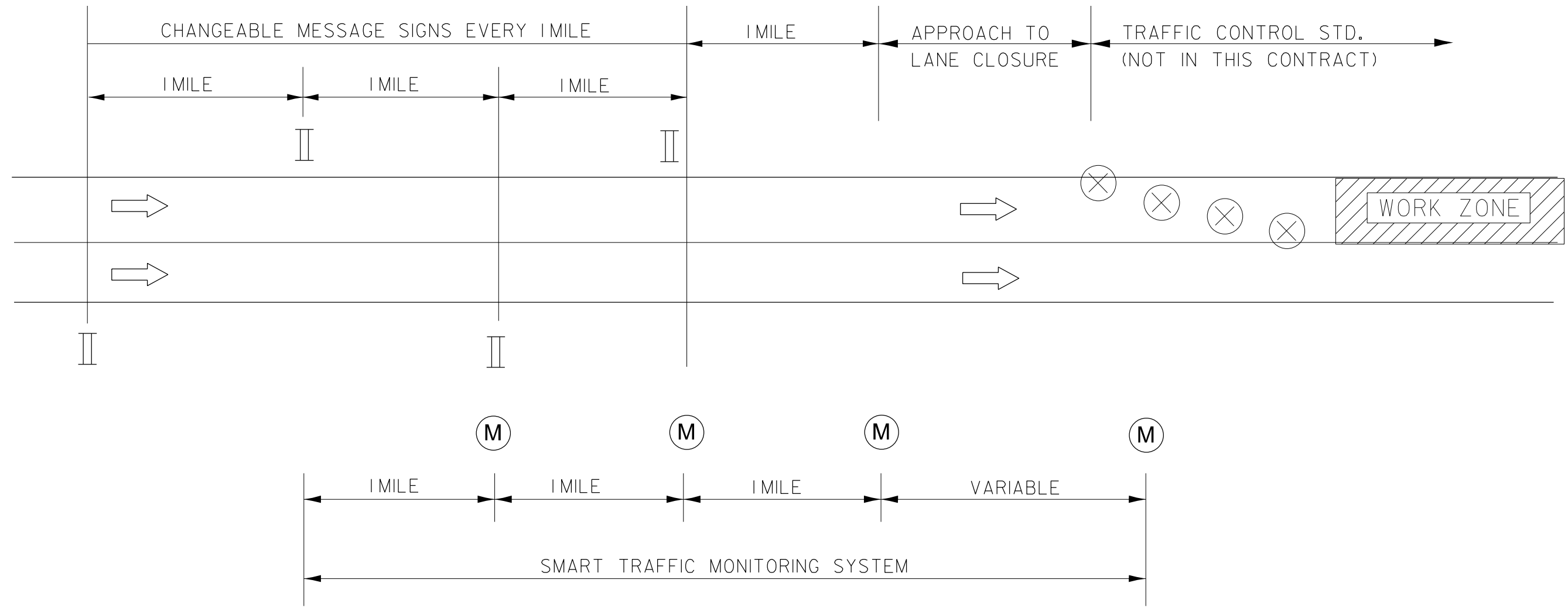
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	VARIES	6	3
CONTRACT NO. 66N29				
ILLINOIS FED. AID PROJECT				

*D3 SFY ITS SMART WZ TECH 2024-01



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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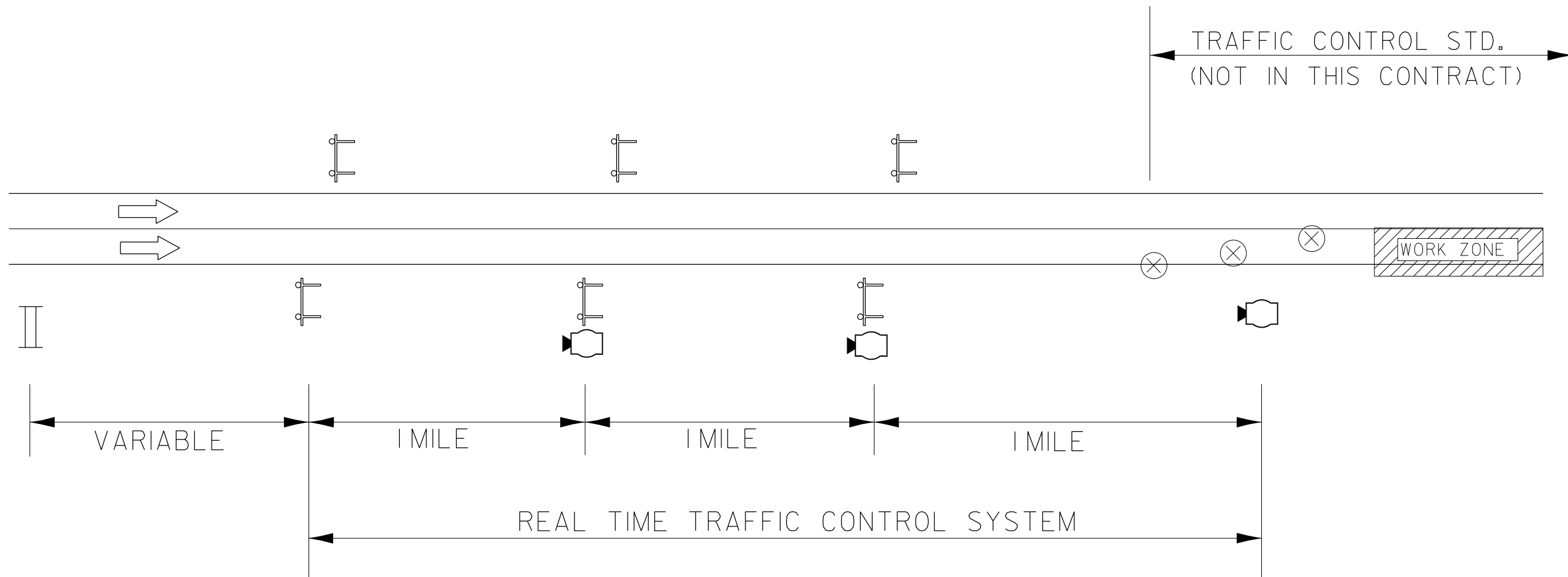
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

*03 SFY ITS SMART WZ TECH 2024-01





F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	VARIES	6	4
CONTRACT NO. 66N29				
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
-  REAL TIME TRAFFIC SENSOR
-  WARNING SIGN WITH WIGWAG LIGHTS
-  DRUM/BARRICADES PER APPLICABLE STND (BY OTHERS)

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	DATE -	REVISED -

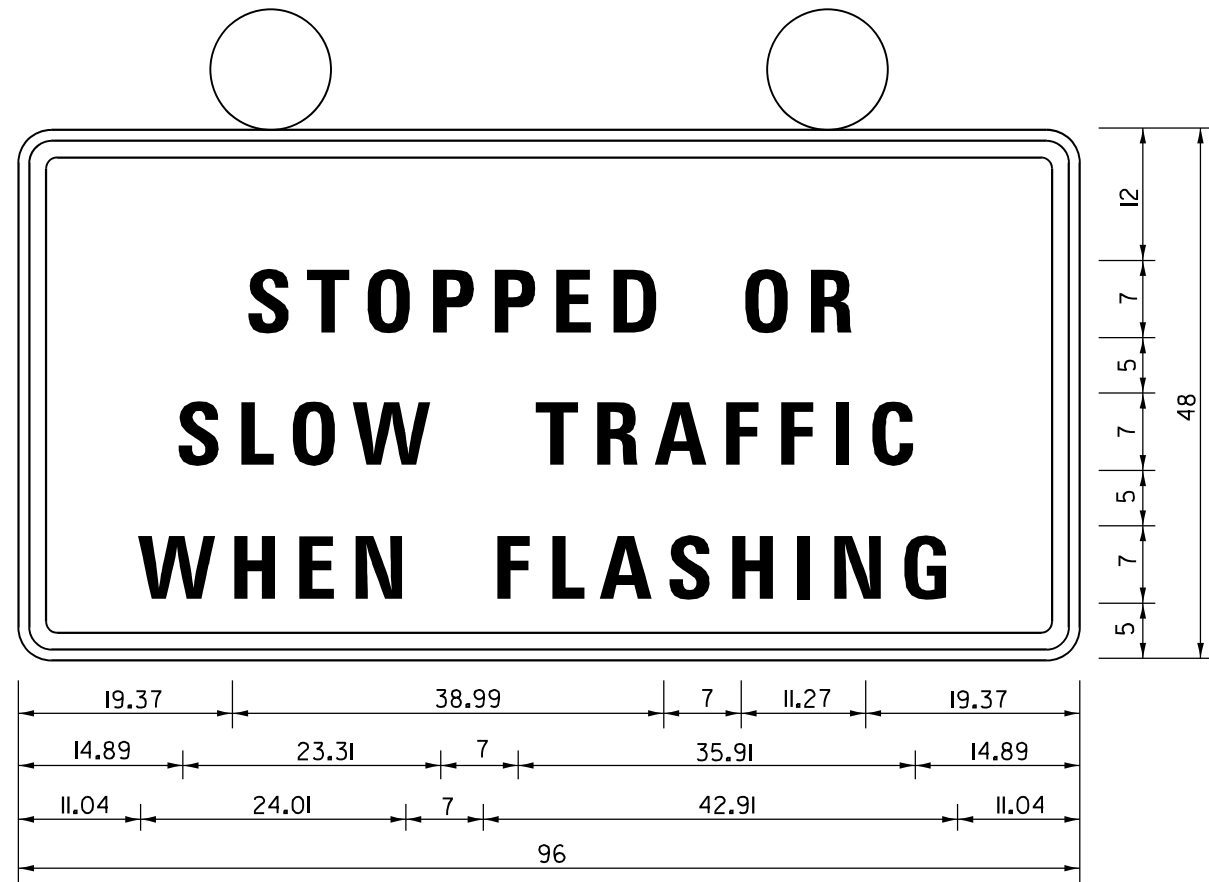
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REAL TIME TRAFFIC CONTROL DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

*D3 SFY ITS SMART WZ TECH 2024-01

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	VARIES	6	5
CONTRACT NO. 66N29				
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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*D3 SFY ITS SMART WZ TECH 2024-01

USER NAME = Marc.Budzynski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REAL TIME TRAFFIC CONTROL SIGN DETAIL			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISED -	VAR					*	VARIES	6	6	
PLOT SCALE = 100,000 */ in.	CHECKED -	REVISED -		SCALE:			CONTRACT NO. 66N29				
PLOT DATE = 5/15/2023	DATE -	REVISED -		SHEET OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT				