

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
HIGHWAY PLANS

VARIOUS ROUTES
SECTION R2-TRAFFIC CONTROL 2020-1
PROJECT: HSIP-MP1H(170)
ITS-SMART WORK ZONE TECHNOLOGY
TRAFFIC MANAGEMENT
VARIOUS COUNTIES

C-93-054-20

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	0	VARIOUS	6	1
		ILLINOIS	CONTRACT NO. 66K83	

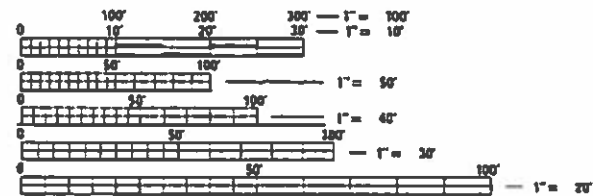
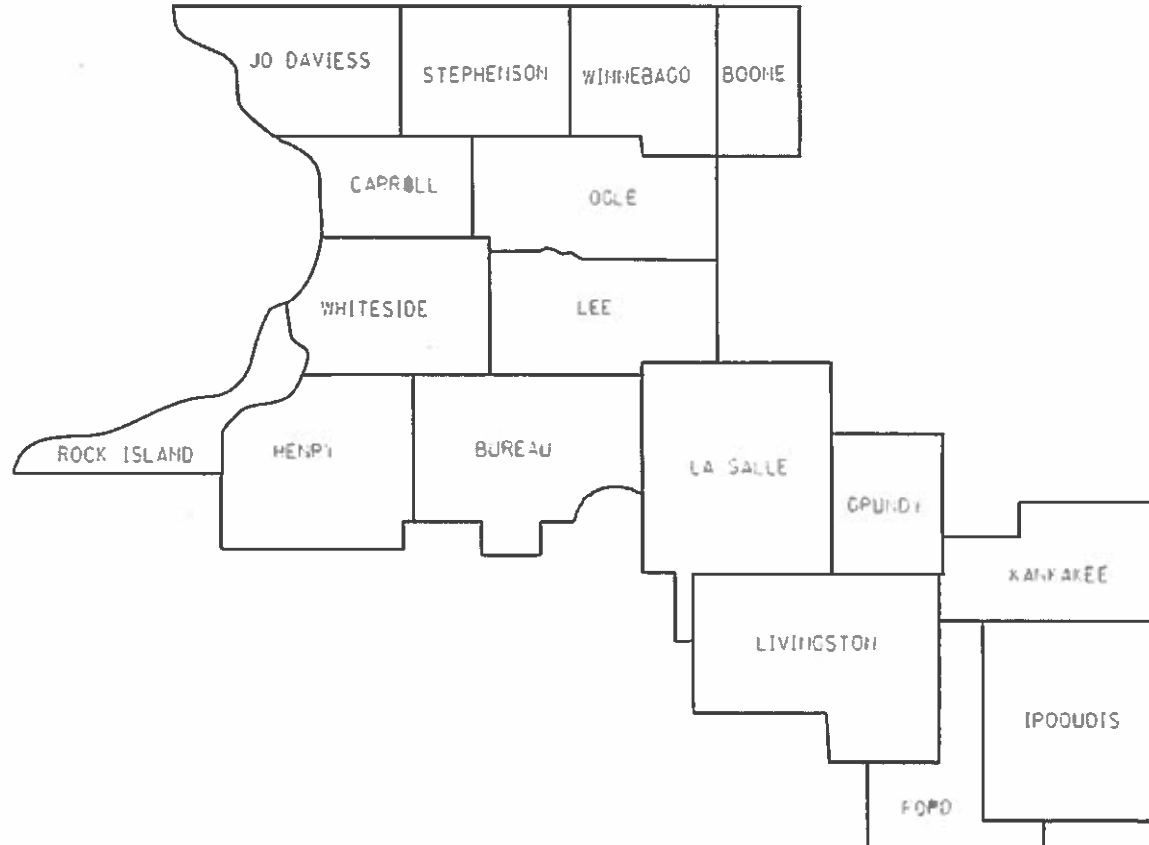
R2-TRAFFIC CONTROL 2020-1

D-93-024-20



INDEX OF SHEETS

1. COVER SHEET SIGNATURE BLOCK
2. GENERAL NOTES, STANDARDS, SIGNATURE BLOCK
3. SUMMARY OF QUANTITIES
4. SMART TRAFFIC MONITORING SYSTEM SET UP DETAIL
5. REAL TIME TRAFFIC CONTROL SET UP DETAIL
6. RTTC SIGN DETAIL



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
 1-800-892-6123
 OR 811

PROJECT ENGINEER: JOE KANNEL
 PROJECT MANAGER: SCOTT FERGUSON

CONTRACT NO. 66K83

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED Dec 17th 2019

 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Jan 31, 2020

 ENGINEER OF DESIGN AND ENVIRONMENT

Jan 31, 2020

 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
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.

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE: None

NON-MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE: None

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 WORK ORDER MAY BE CANCELLED AT THE DEPARTMENT'S DISCRETION.

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

- 000001-07 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES
OF CONSTRUCTION:

INSPECTORS:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

PREPARED BY: [Signature]
DISTRICT STUDIES & PLANS ENGINEER

DATE: 12-13-19

EXAMINED BY: [Signature]
DISTRICT CONSTRUCTION ENGINEER

[Signature]
DISTRICT MATERIALS ENGINEER

[Signature]
DISTRICT OPERATIONS ENGINEER

FILE NAME :	USER NAME = ferguson	DESIGNED =	REVISED =
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	PLDT DATE = 12/13/2019	DATE =	REVISED =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

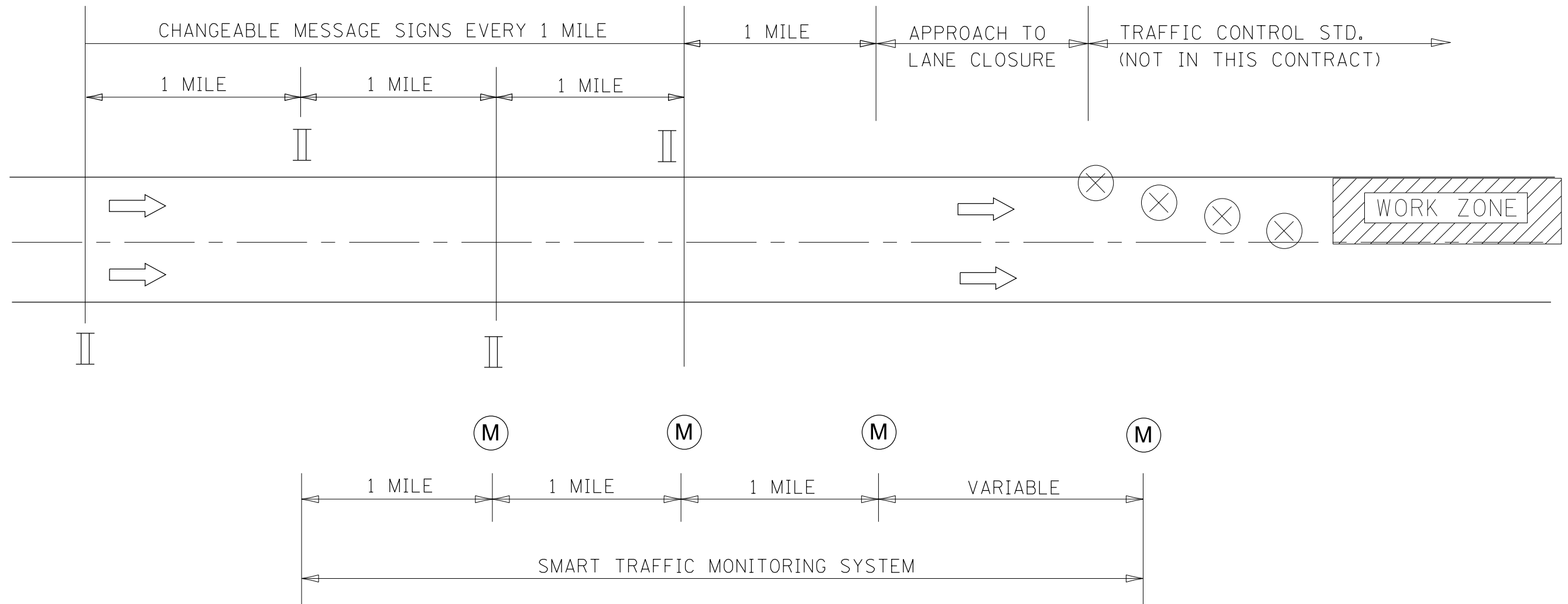
GENERAL NOTES & SIGNATURE SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	•	VARIOUS	6	2
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66K83	

				CONSTR. CODE	
				90% FED 10% STATE	
CODE			TOTAL	ROADWAY	
NO.	ITEM	UNIT	QUANTITY	0021	RURAL
* X0328003	REAL-TIME TRAFFIC CONTROL SYSTEM	WEEK	85	85	
* X0328004	REAL-TIME TRAFFIC CONTROL SENSOR UNIT	WEEK	255	255	
* X7010239	CHANGEABLE MESSAGE SIGN, SPECIAL	CAL WEEK	130	130	
* X8570002	SMART TRAFFIC MONITORING SYSTEM	CAL WEEK	25	25	
* X8570004	SMART TRAFFIC MONITORING DEVICE	CAL WEEK	75	75	

FILE NAME =	USER NAME = ferguson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = 12/17/2019	DATE -	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		



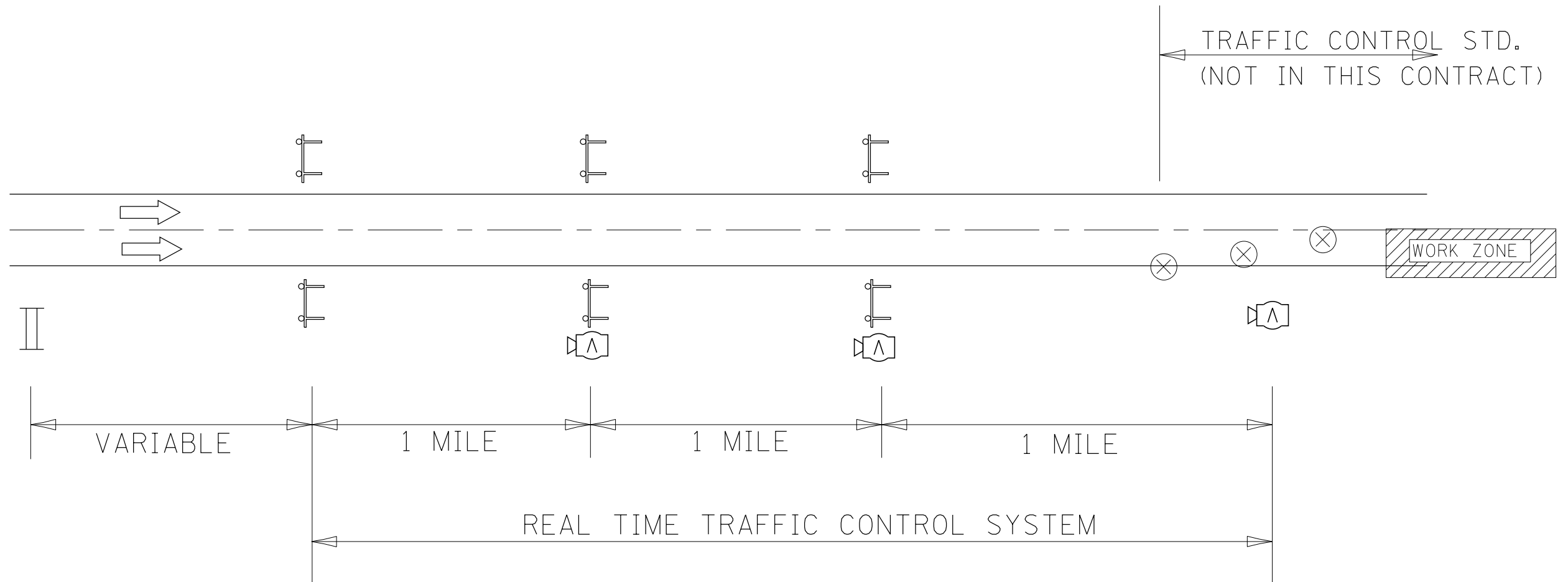
NOTES:

- 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)

FILE NAME =	USER NAME = fergusonse	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SMART TRAFFIC MONITORING SETUP	SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -														
	PLOT DATE = 12/13/2019	DATE -	REVISED -														



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

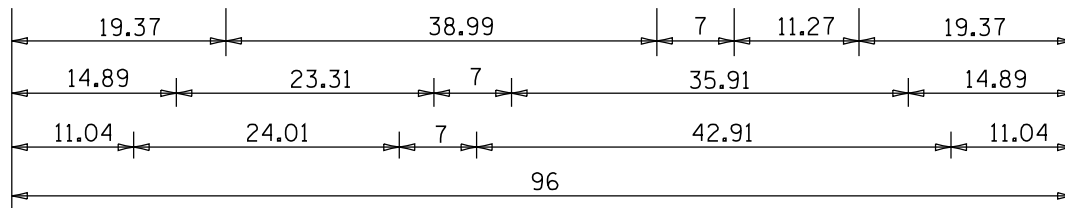
II PORTABLE CHANGEABLE MESSAGE SIGN

(M) RTTC SENSOR UNIT DEVICE INCLUSIVE OF THE FOLLOWING

Λ REAL TIME TRAFFIC SENSOR

W' WIG WAG LIGHTS AND RTTC SENSOR

FILE NAME =	USER NAME = ferguson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REAL TIME TRAFFIC CONTROL SETUP	F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = 12/13/2019	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO



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)

FILE NAME =	USER NAME = ferguson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REAL TIME TRAFFIC CONTROL SIGN DETAIL	F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -			CONTRACT NO. 66K83		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 12/13/2019					SCALE:	SHEET	OF	SHEETS	STA.	TO