

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

VARIOUS ROUTES
SECTION D3 TRAFFIC CONTROL 2016-1
PROJECT ACHSIP-000V (054)
ITS-SMART WORK ZONE TECHNOLOGY
TRAFFIC MANAGEMENT
VARIOUS COUNTIES

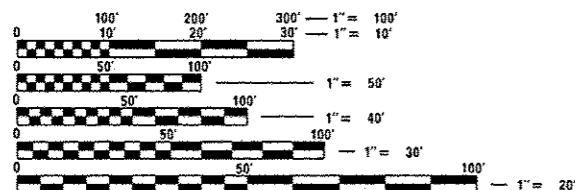
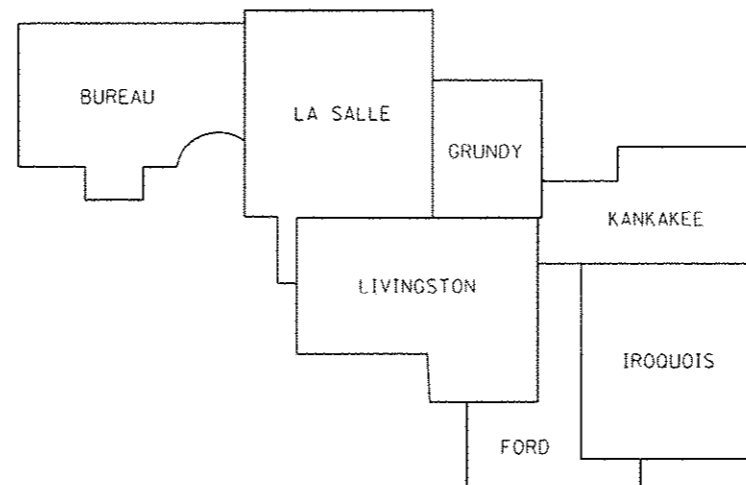
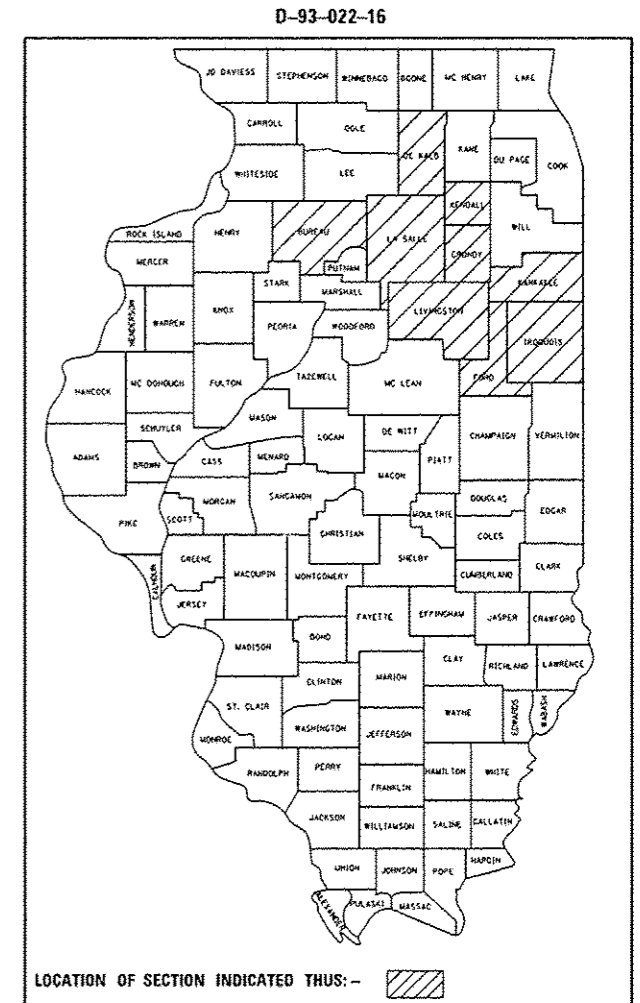
C-93-025-16

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS		VARIOUS	6	1
ILLINOIS			CONTRACT NO. 66F14	

* D3 TRAFFIC CONTROL 2016-1

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.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: DAVE ALEXANDER
PROJECT MANAGER: SCOTT FERGUSON

CONTRACT NO. 66F14

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED Feb 9th 2016
Paul C. [Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 18 2016
Muhammad Addis [Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

March 18 2016
Omer Osman [Signature]
DIRECTOR OF HIGHWAYS/CHIEF ENGINEER

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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.

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

- 000001-06 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
- 701426-08 LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS • 45 MPH
- 701901-05 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: Don Beaulieu
DISTRICT STUDIES & PLANS ENGINEER

DATE: February 1, 2016

EXAMINED BY: Heather D...
DISTRICT CONSTRUCTION ENGINEER

Wynne J. Phillips
DISTRICT MATERIALS ENGINEER

James A. Huber
DISTRICT OPERATIONS ENGINEER

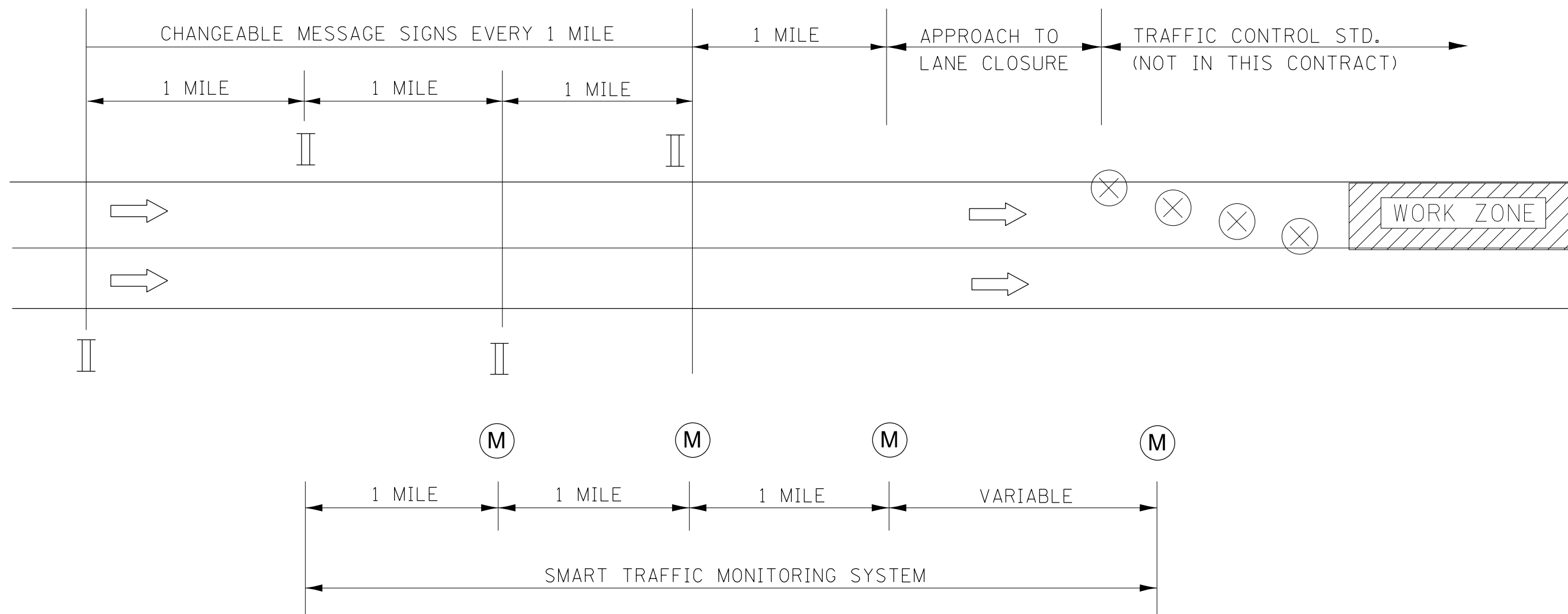
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FILE NAME *	USER NAME * Ferguson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default		CHECKED -	REVISED -		SCALE:				
		DATE -	REVISED -		SHEET OF SHEETS	STA.	TO STA.		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				ROADWAY 0021 RURAL
X9700012	REAL-TIME TRAFFIC CONTROL SYSTEM	WEEK	36	36
X9700013	REAL-TIME TRAFFIC CONTROL SENSOR UNIT	WEEK	108	108
X9700001	CHANGEABLE MESSAGE SIGN, SPECIAL	CAL WK	200	200
X9700002	SMART TRAFFIC MONITORING SYSTEM	CAL WK	36	36
X9700005	SMART TRAFFIC MONITORING DEVICE	CAL WK	108	108

5

FILE NAME *	USER NAME * Ferguson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCALE: SHEET OF SHEETS STA. TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\1128468\INTEG\Illinois.gov\FW\DOT\Documents\DOT Offices\District 3V\Projects\036\Drawings\036F14-CADD.dwg	PROJECT * 1128468	CHECKED -	REVISED -			VARIOUS		VARIOUS	6	3
PLOT SCALE * 1/8" = 1'-0"	DATE -	CHECKED -	REVISED -			CONTRACT NO. 66F14				
PLOT DATE * 2/8/2016	DATE -	CHECKED -	REVISED -			ILLINOIS FED. AID PROJECT				



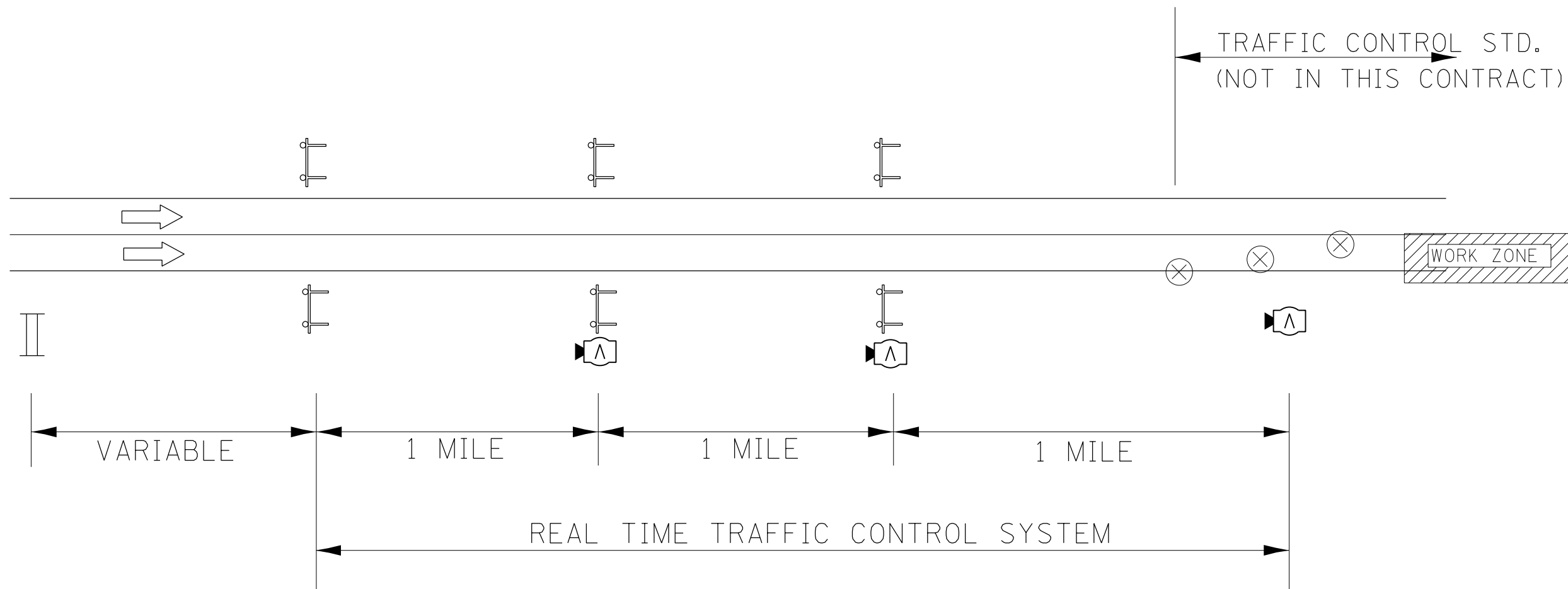
NOTES:

- 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 = ferguson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SMART TRAFFIC MONITORING SETUP	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 3\Projects\D366F14-CADD\DRAWING\GADD\Drawings\D366F14-CADD.dgn		REVISION	DATE			VARIOUS	*	VARIOUS	6	4	
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	PLOT DATE = 2/8/2016	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.



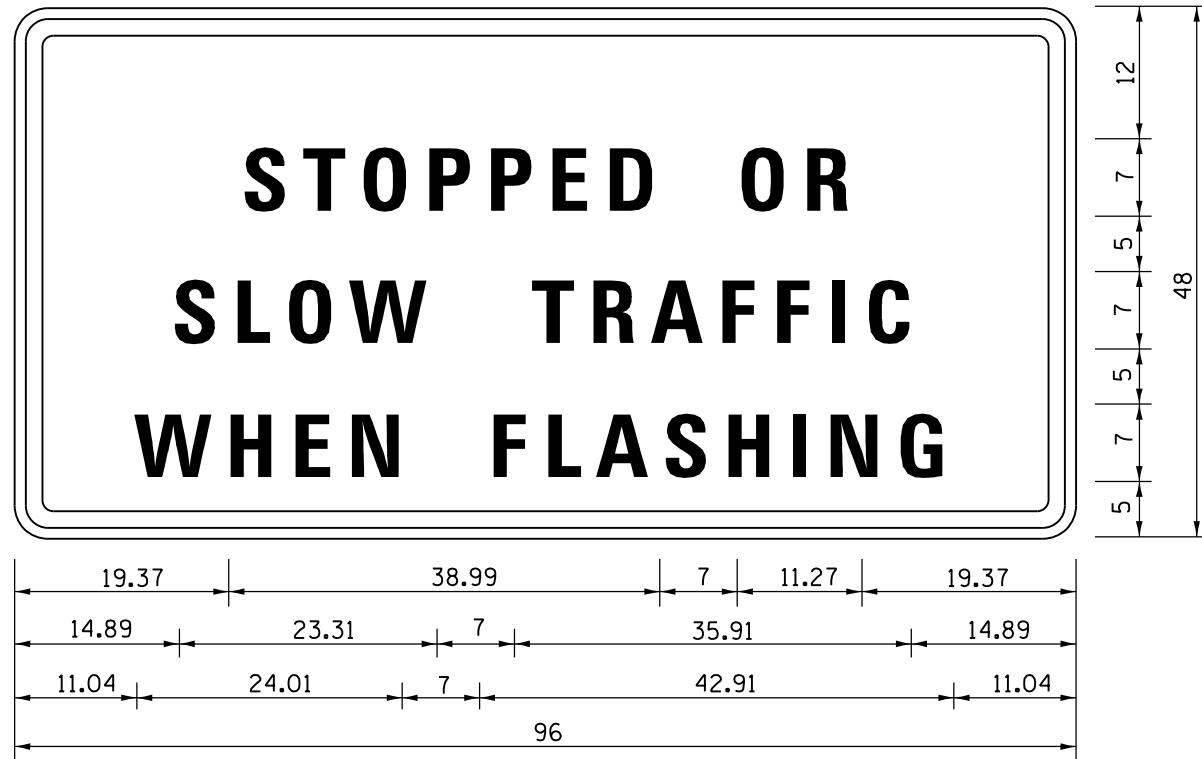
NOTES:

- 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

FILE NAME =	USER NAME = ferguson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REAL TIME TRAFFIC CONTROL SETUP	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default						VARIOUS	*	VARIOUS	6	5	
						SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT			
						CONTRACT NO. 66F14					



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. 66F14		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 2/8/2016					SCALE:	SHEET	OF	SHEETS	STA.	TO