

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

VARIOUS ROUTES
 SECTION D3 TRAFFIC CONTROL 2017-1
 PROJECT HSIP-000V (12)
 ITS-SMART WORK ZONE TECHNOLOGY
 TRAFFIC MANAGEMENT
 VARIOUS COUNTIES

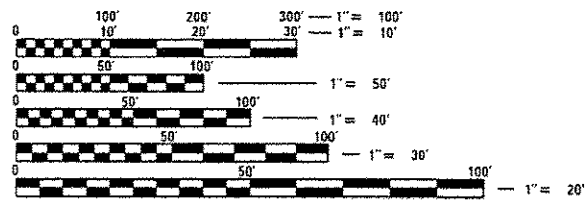
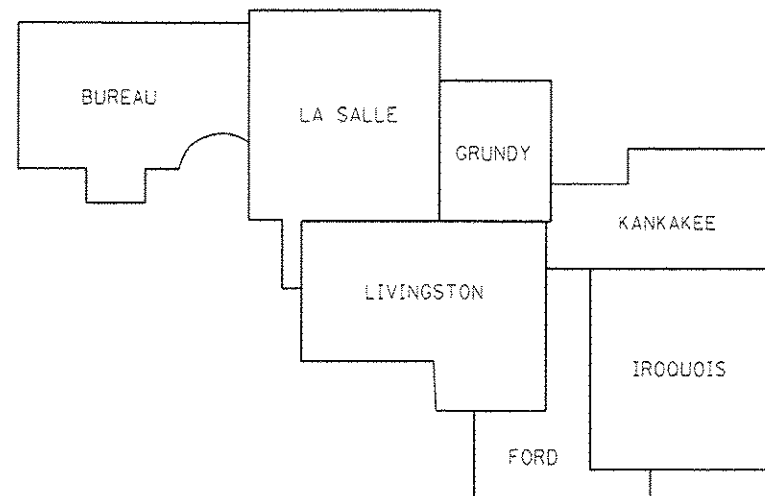
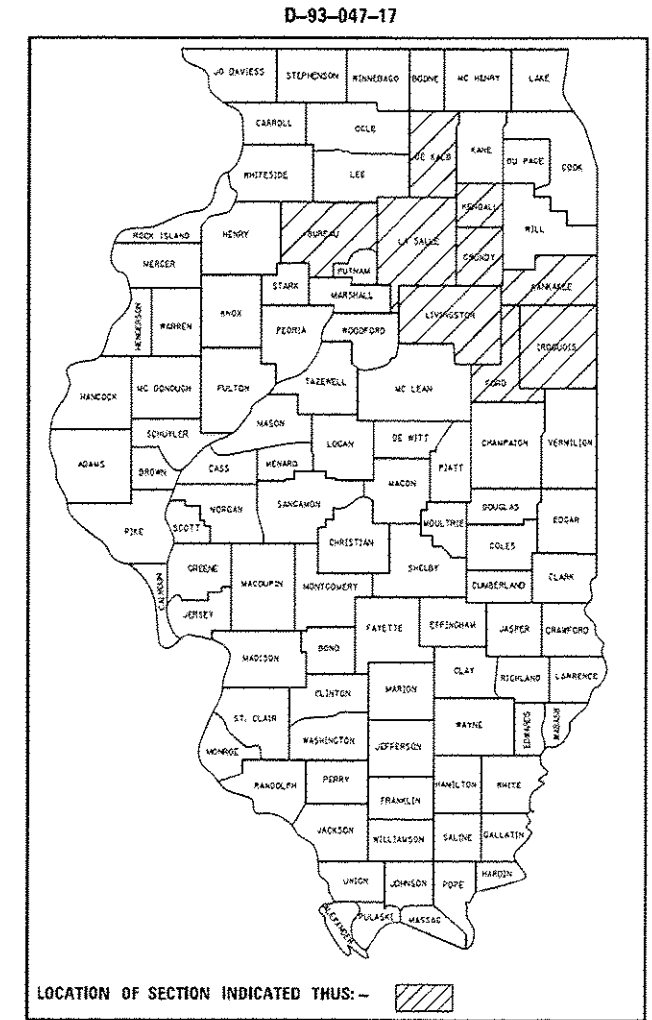
C-93-085-17

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	*	VARIOUS	6	1
		ILLINOIS	CONTRACT NO. 66H44	

* D3 TRAFFIC CONTROL 2017-1

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.L.I.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-992-0123
 OR 811

PROJECT ENGINEER: JOE KANNEL
 PROJECT MANAGER: SCOTT FERGUSON

CONTRACT NO. 66H44

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED 04/07 20 17
Kevin Harshbarger (e)
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 12 20 17
Maureen M. Adzick
 ENGINEER OF DESIGN AND ENVIRONMENT

May 12 20 17
Maureen M. Adzick
 DIRECTOR OF PROGRAM DEVELOPMENT

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

- 000001-06 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
- 701426-09 LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS • 45 MPH
- 701901-06 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 Beaman
DISTRICT STUDIES & PLANS ENGINEER

DATE: 4-14-17

EXAMINED BY: [Signature]
DISTRICT CONSTRUCTION ENGINEER

Michael A. Spott
DISTRICT MATERIALS ENGINEER

[Signature]
DISTRICT OPERATIONS ENGINEER

FILE NAME *	USER NAME * Ferguson	DESIGNED -	REVISED -
pl\NLD846910INTEG.illinois.gov\FKIDGT\Documents\DOT Offices\District 3\Projects\036-D366F14-CA00.dwg		CHECKED -	REVISED -
Default		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. 66H44	

• D3 TRAFFIC CONTROL 2017-1

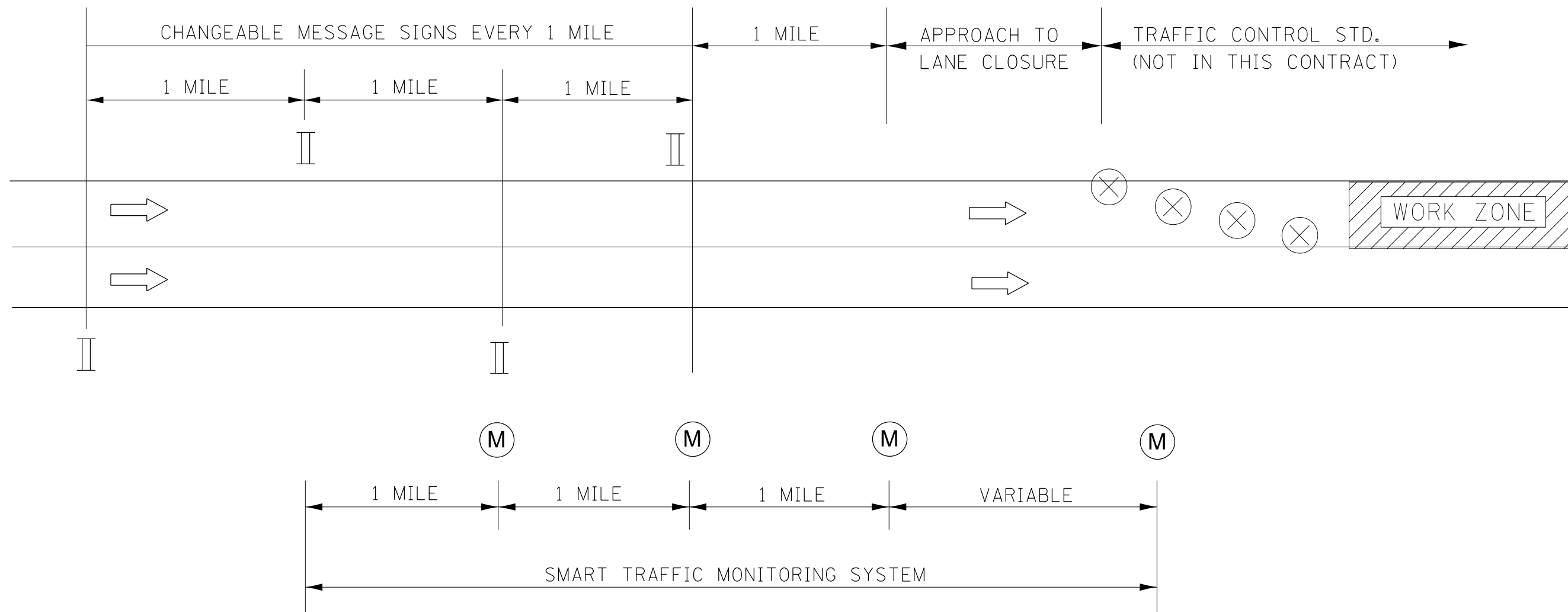
REV

CONSTR. CODE
90/10 FED/STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0021 ✓ RURAL ✓
X9700012	REAL-TIME TRAFFIC CONTROL SYSTEM	WEEK	85	85
X9700013	REAL-TIME TRAFFIC CONTROL SENSOR UNIT	WEEK	255	255
X9700001	CHANGEABLE MESSAGE SIGN, SPECIAL	CAL WEEK	130	130
X9700002	SMART TRAFFIC MONITORING SYSTEM	CAL WEEK	25	25
X9700005	SMART TRAFFIC MONITORING DEVICE	CAL WEEK	75	75

5

FILE NAME *	USER NAME * fergusonse	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11\084E8IDINTEG.illinois.gov\PI001\Documents\1007 Offices\District 3\Projects\0366\DR\CD\Drawings\0366F14-CAD0.dgn		REVISIONS	REVISIONS						VARIOUS	*	VARIOUS	6	3
PLOT SCALE * 100,0000 1/2 in.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 66H44								
Default	PLOT DATE * 4/7/2017	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



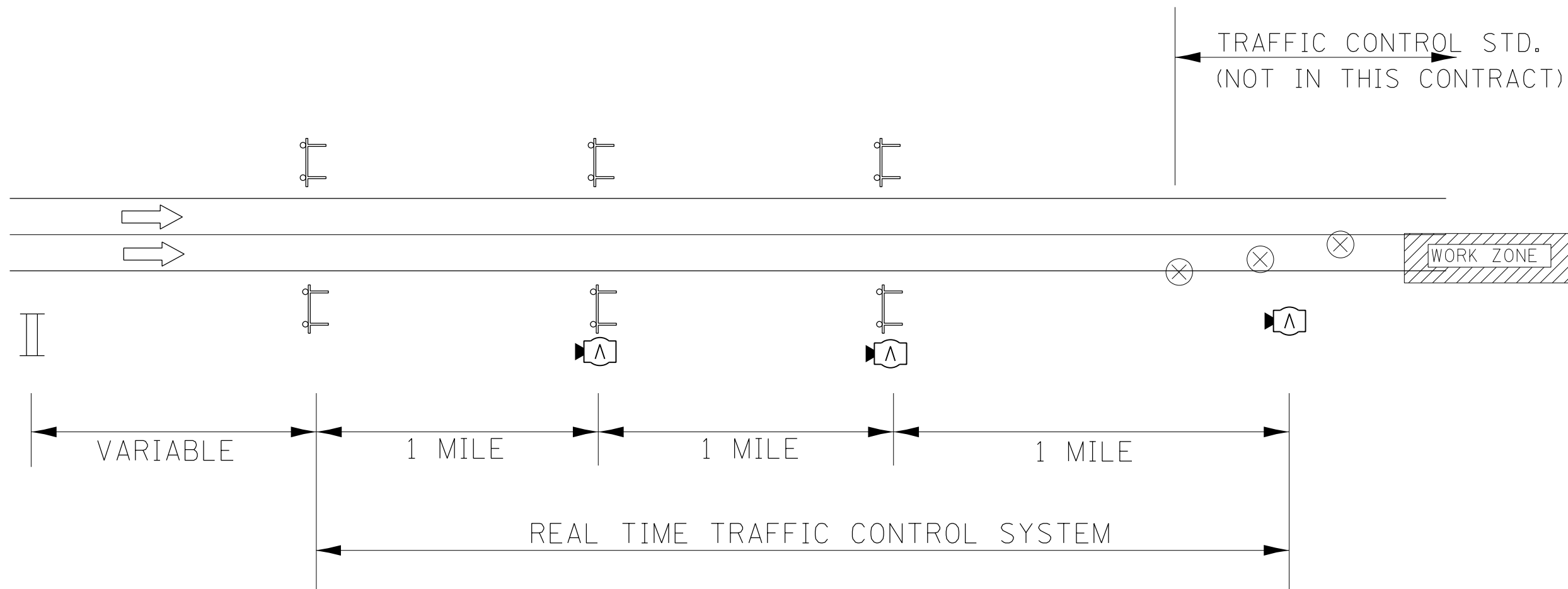
NOTES:

- 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 = 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\PIDOT\Documents\IDOT Offices\District 3\Projects\D366\DRAWING\GADDrawings\D366F14-CADD.dgn		REVISIONS				VARIOUS	*	VARIOUS	6	4	
Default	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -			CONTRACT NO. 66H44		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 4/7/2017	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO



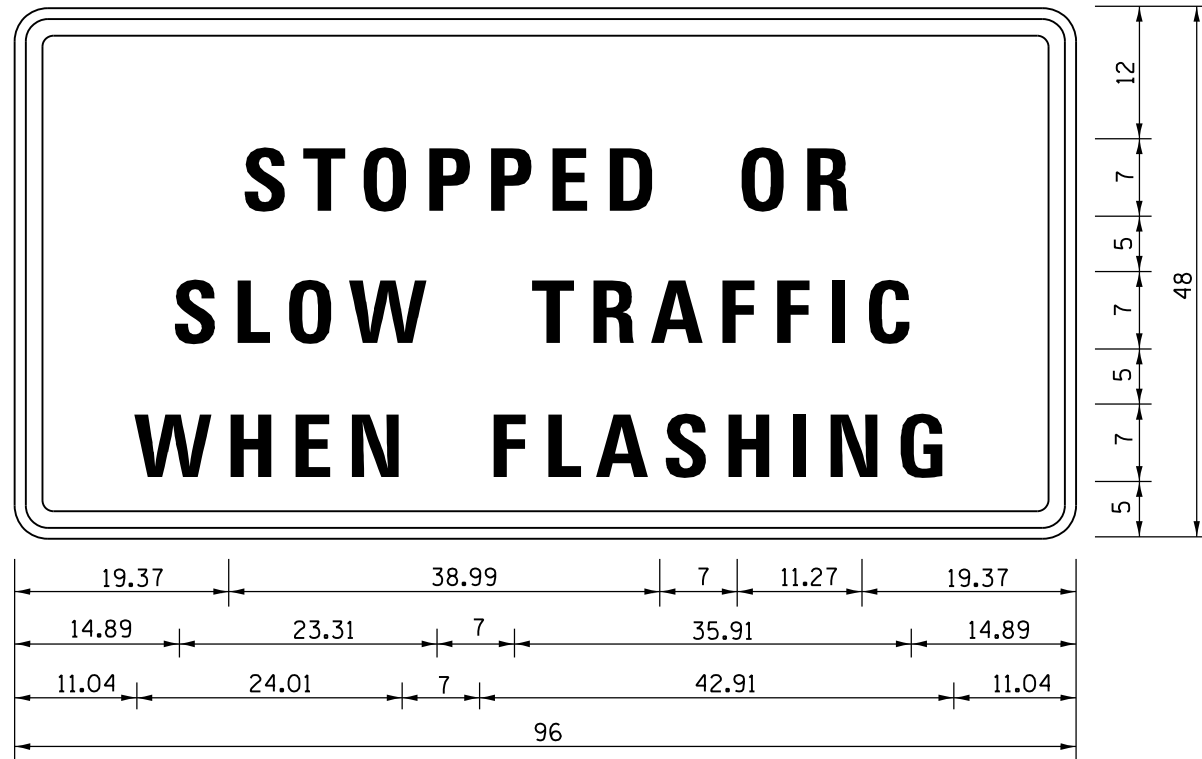
NOTES:

- 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	
						CONTRACT NO. 66H44					
						ILLINOIS FED. AID PROJECT					
PLOT SCALE = 100.0000' / 1in.		CHECKED -	REVISED -	SCALE:		SHEET OF SHEETS		STA. TO STA.		* D3 TRAFFIC CONTROL 2017-1	
PLOT DATE = 4/7/2017		DATE -	REVISED -								



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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\11\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 3\Projects\0366\DRAWING\GADDrawings\0366F14-CADD.dgn		CHECKED -	REVISED -			VARIOUS	*	VARIOUS	6	6	
Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -			CONTRACT NO. 66H44		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 4/7/2017					SCALE:	SHEET	OF	SHEETS	STA.	TO