

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

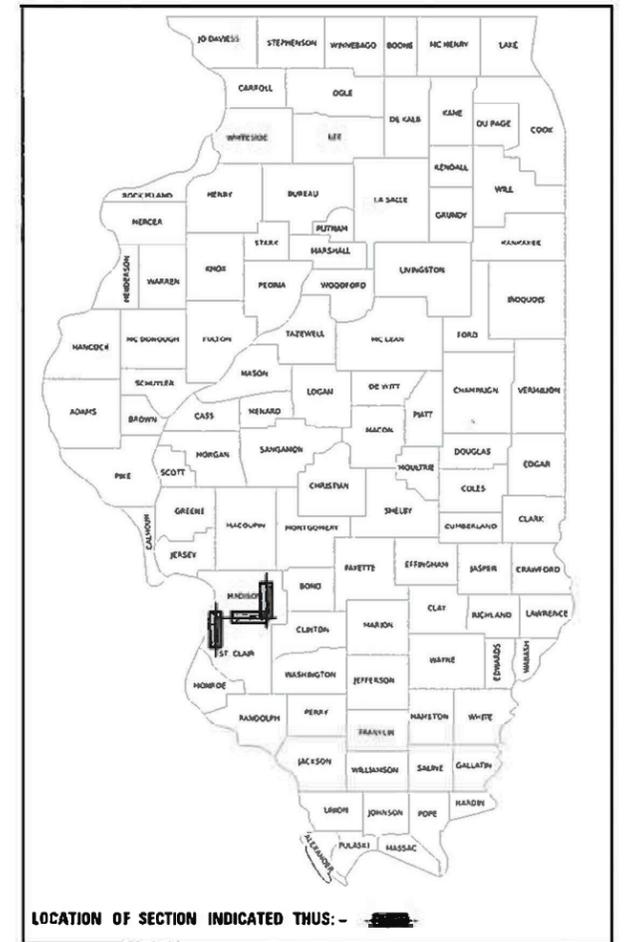
# PROPOSED HIGHWAY PLANS

VARIOUS ROUTES  
SECTION DIST 8 ITS 2023-2

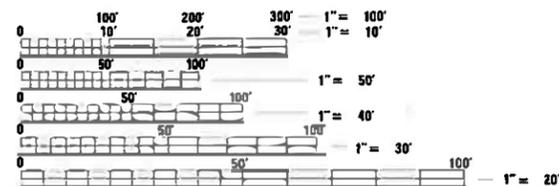
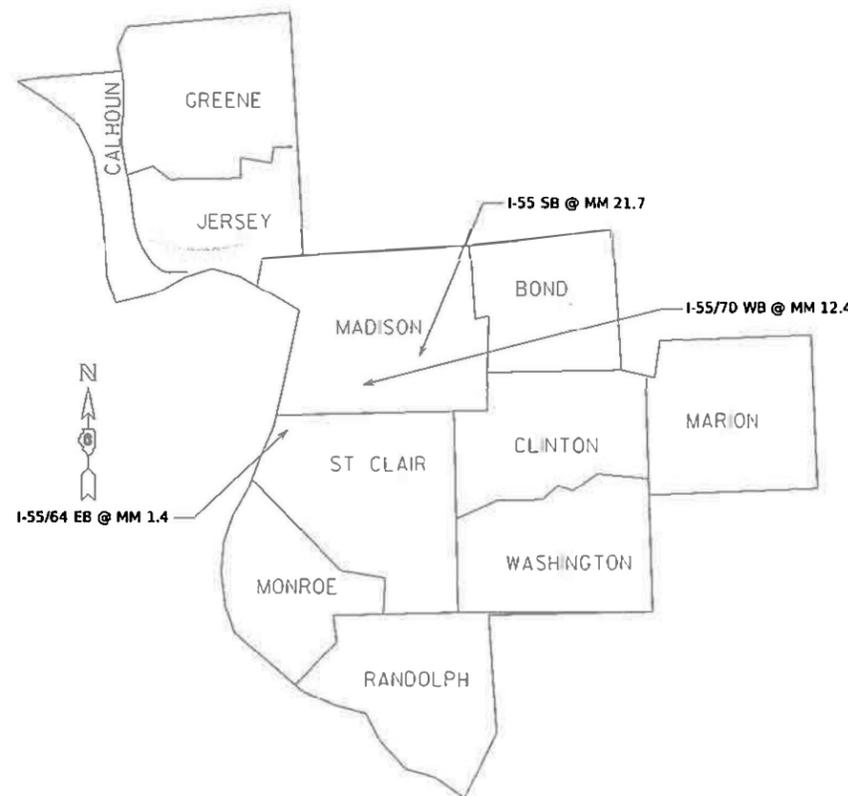
DYNAMIC MESSAGE SIGN REPLACEMENT  
MADISON & ST. CLAIR COUNTIES

C-98-048-23

D-98-008-23



- FOR INDEX OF SHEETS:  
 1 - COVER SHEET  
 2 - SUMMARY OF QUANTITIES/SCHEDULE OF QUANTITIES/  
 GENERAL NOTES/HIGHWAY STANDARDS  
 3 - DMS I-55 EB MP 21.7  
 4 - DMS I-55/70 WB MP 12.4  
 5 - DMS I-55/64 EB MP 1.4  
 6 - TYPE 334 CABINET 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  
 1-800-892-0123  
 OR 811

PROJECT ENGINEER : JEFF ABEL  
 PROJECT MANAGER : CHERYL KEPLAR

CONTRACT NO. 76R87

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUBMITTED Dec 12 20 22  
Kyle Seaton REGIONAL ENGINEER  
 February 3, 2023  
Steph McLean ENGINEER OF DESIGN AND ENVIRONMENT  
 February 3, 2023  
Steph McLean DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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 OF THE STATE OF ILLINOIS

SUMMARY QUANTITIES				CONSTRUCTION CODE 0044 100% STATE URBAN	
				MADISON	ST. CLAIR
	CODE		TOTAL		
	NO.	ITEM	UNIT	QUANTITY	
	67100100	MOBILIZATION	L SUM	1	0.67 0.33
	70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	0.67 0.33
	70100815	TRAFFIC CONTROL AND PROTECTION, STANDARD 701446	L SUM	1	1 0
	70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	0.67 0.33
	X0323917	CABINET, MODEL 334	EACH	3	2 1
	X0325485	TRUSS MOUNTED LED DYNAMIC MESSAGE SIGN	EACH	3	2 1

GENERAL NOTES

1. NO MATERIAL SHALL BE LEFT ON OR NEAR THE ROADWAY DURING NON-WORKING HOURS.
2. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. (1-800-892-0123 OR 811) OR FOR NON-MEMBERS THE UTILITY COMPANY DIRECTLY.
3. 45 & 55 MPH SIGNS ARE INCLUDED IN ALL INTERSTATE LANE CLOSURES. IF THE LANE CLOSURE DURATION IS LESS THAN 4 HOURS. THE 45 & 55 MPH SIGNS ARE NOT REQUIRED.
4. REMOVED DYNAMIC MESSAGE BOARDS (DMS) SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

HIGHWAY STANDARDS

000001-08	701401-13
001006	701428-01
701001-02	701446-11
701006-05	701901-08
701106-02	
701400-11	

SCHEDULE OF QUANTITIES

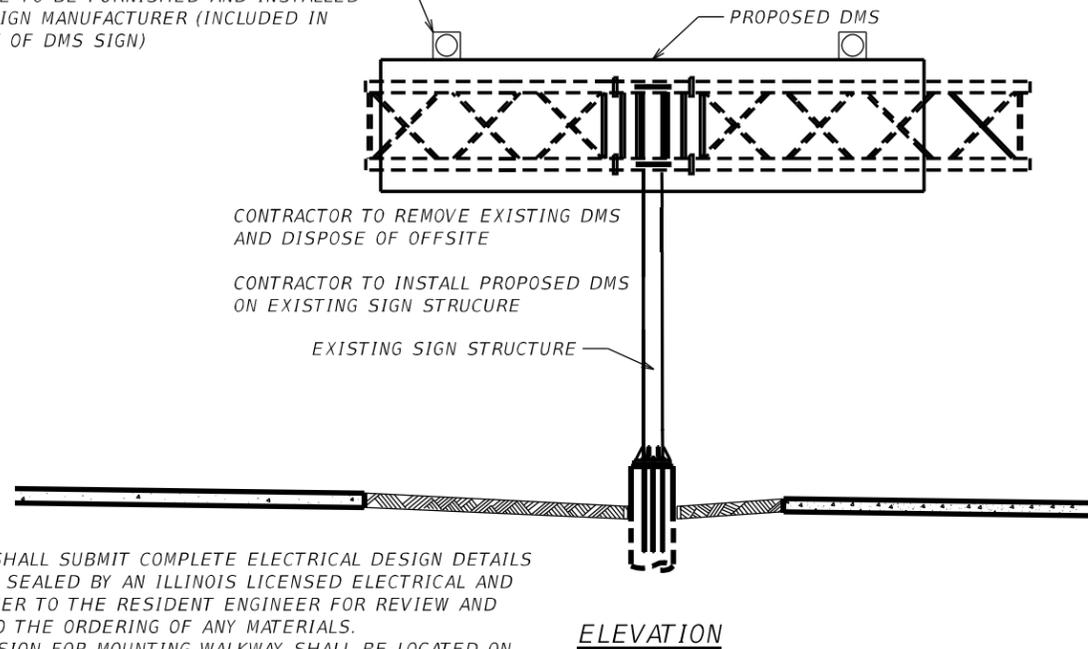
Location	PAY ITEM				
	TRAFFIC CONTROL AND PROTECTION STANDARD 701401	TRAFFIC CONTROL AND PROTECTION STANDARD 701446	NIGHTTIME WORK ZONE LIGHTING	CABINET MODEL 344	TRUSS MOUNTED LED DYNAMIC MESSAGE SIGN
I-55 SB MP 21.7	0.3		0.3	1	1
I-55/70 WB MP 12.4	0.4	1	0.4	1	1
I-55/64 EB MP 1.4	0.3		0.3	1	1

REV. - MS

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USER NAME =	DESIGNED - _____	REVISED - _____	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES / SCHEDULE OF QUANTITIES GENERAL NOTES / HIGHWAY STANDARDS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 0.08333317 ' / in.	DRAWN - _____	REVISED - _____			VAR.	DIST 8 ITS 2023-2	VARIOUS	6	2
PLOT DATE = 12/8/2022	CHECKED - _____	REVISED - _____			CONTRACT NO. 76R87				
	DATE - _____	REVISED - _____			ILLINOIS FED. AID PROJECT				

12" DIA. YELLOW LED FLASHING BEACONS (TYP.) WITH TUNNEL VISOR AND RETROREFLECTIVE BACKPLATE TO BE FURNISHED AND INSTALLED BY DMS SIGN MANUFACTURER (INCLUDED IN THE COST OF DMS SIGN)



CONTRACTOR TO REMOVE EXISTING DMS AND DISPOSE OF OFFSITE  
 CONTRACTOR TO INSTALL PROPOSED DMS ON EXISTING SIGN STRUCTURE

EXISTING SIGN STRUCTURE

ELEVATION

Note:

1. THE CONTRACTOR SHALL SUBMIT COMPLETE ELECTRICAL DESIGN DETAILS AND CALCULATIONS SEALED BY AN ILLINOIS LICENSED ELECTRICAL AND STRUCTURAL ENGINEER TO THE RESIDENT ENGINEER FOR REVIEW AND APPROVAL PRIOR TO THE ORDERING OF ANY MATERIALS.
2. THE TRUSS EXTENSION FOR MOUNTING WALKWAY SHALL BE LOCATED ON THE SIDE FURTHEST FROM THE INTERSTATE (AS SHOWN IN THE PLANS) AND VERIFIED BY THE ENGINEER OR TRAFFIC PRIOR TO CONSTRUCTION.

**BUTTERFLY SIGN STRUCTURES – ALTERNATE PLAN & ELEVATION FOR DMS – ALUMINUM TRUSS & STEEL POST**



NOT TO SCALE

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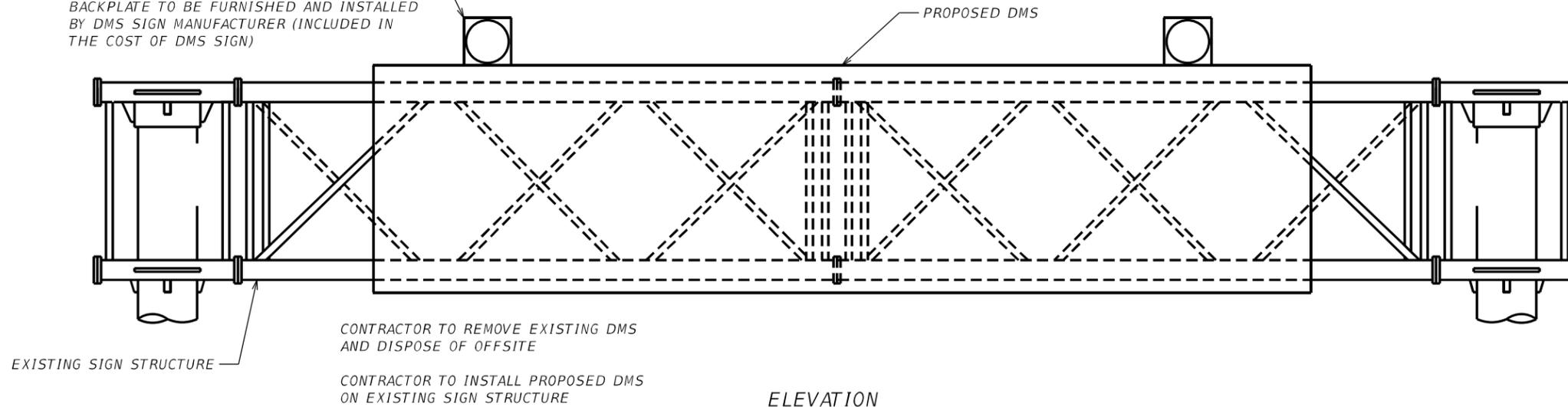
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**BUTTERFLY TRUSS MOUNTED LED DYNAMIC MESSAGE SIGN (DMS)  
 EB I-55 MP 21.7**

SCALE: SIZE 1 = 1 SHEET 0 OF 1 SHEETS STA. + TO STA. +

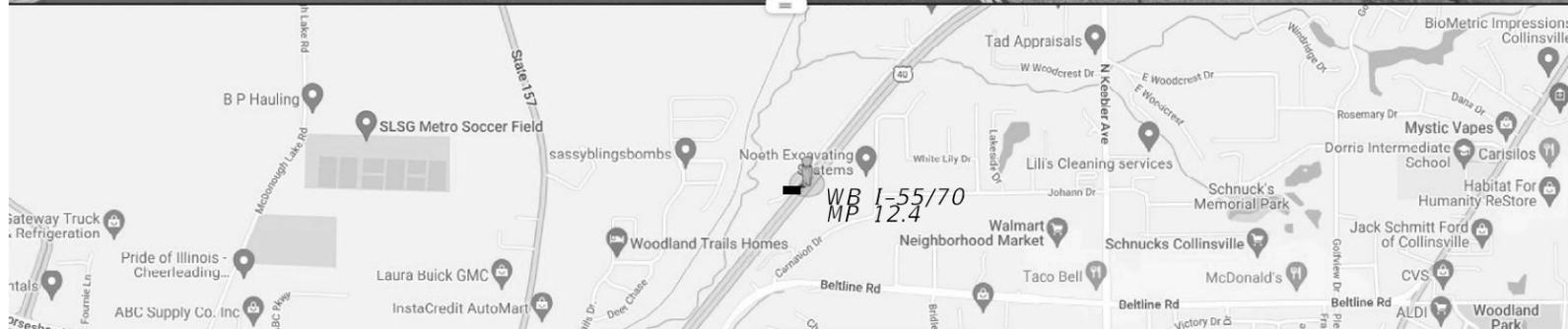
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55	DIST 8 ITS 2023-2	MADISON	6	3
CONTRACT NO. 76R87			ILLINOIS FED. AID PROJECT	

12" DIA. YELLOW LED FLASHING BEACON (TYP.) WITH TUNNEL VISOR AND RETROREFLECTIVE BACKPLATE TO BE FURNISHED AND INSTALLED BY DMS SIGN MANUFACTURER (INCLUDED IN THE COST OF DMS SIGN)



**SIGN STRUCTURES – ALTERNATE TRUSS DETAILS FOR DMS  
ALUMINUM TRUSS & STEEL POST**

**NOTE:**  
THE CONTRACTOR SHALL SUBMIT COMPLETE ELECTRICAL DESIGN DETAILS AND CALCULATE SEALED BY AN ILLINOIS LICENSED ELECTRICAL AND STRUCTURAL ENGINEER TO THE RESIDENT ENGINEER FOR REVIEW AND APPROVAL PRIOR TO THE ORDERING OF ANY MATERIALS.



NOT TO SCALE

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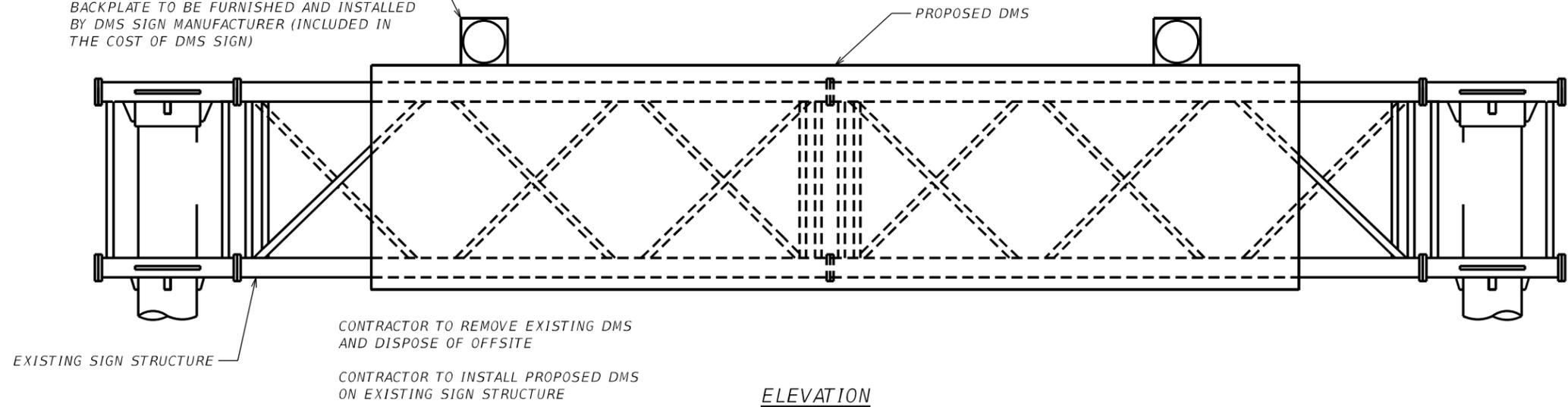
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRUSS MOUNTED LED DYNAMIC MESSAGE SIGN (DMS)  
WB I-55/70 MP 12.4**

SCALE: SIZE 1 = 1 SHEET 0 OF 1 SHEETS STA. + TO STA. +

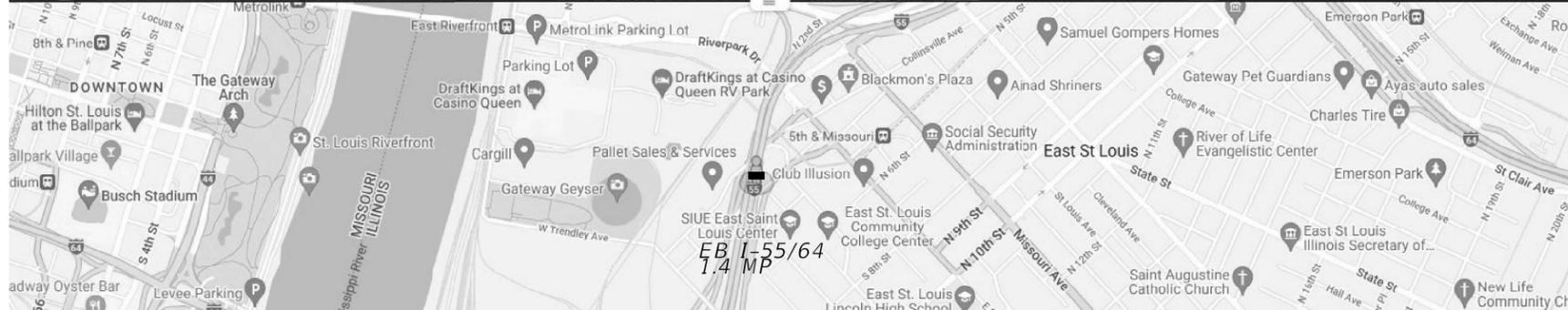
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	DIST 8 ITS 2023-2	MADISON	6	4
			CONTRACT NO. 76R87	
ILLINOIS FED. AID PROJECT				

12' DIA. YELLOW LED FLASHING BEACON (TYP.) WITH TUNNEL VISOR AND RETROREFLECTIVE BACKPLATE TO BE FURNISHED AND INSTALLED BY DMS SIGN MANUFACTURER (INCLUDED IN THE COST OF DMS SIGN)



**SIGN STRUCTURES – ALTERNATE TRUSS DETAILS FOR DMS  
ALUMINUM TRUSS & STEEL POST**

**NOTE:**  
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NOT TO SCALE

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PLOT DATE = 10/17/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRUSS MOUNTED LED DYNAMIC MESSAGE SIGN (DMS)  
EB I-55/64 MP 1.4**

SCALE: SIZE 1 = 1 SHEET 0 OF 1 SHEETS STA. + + TO STA. + +

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	DIST 8 ITS 2023-2	ST. CLAIR	6	5
CONTRACT NO. 76R87			ILLINOIS FED. AID PROJECT	

