

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 REFLECTOR REPL 21-16	VARIOUS	10	1
		ILLINOIS		CONTRACT NO. 46563

PROPOSED HIGHWAY PLANS

VARIOUS ROUTES
SECTION D-2 REFLECTOR REPL 21-16
VARIOUS COUNTIES

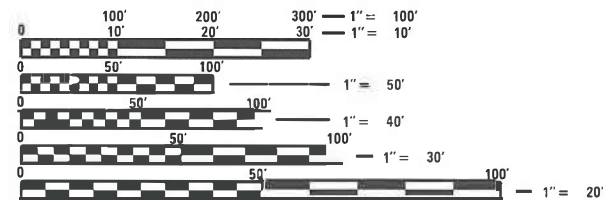
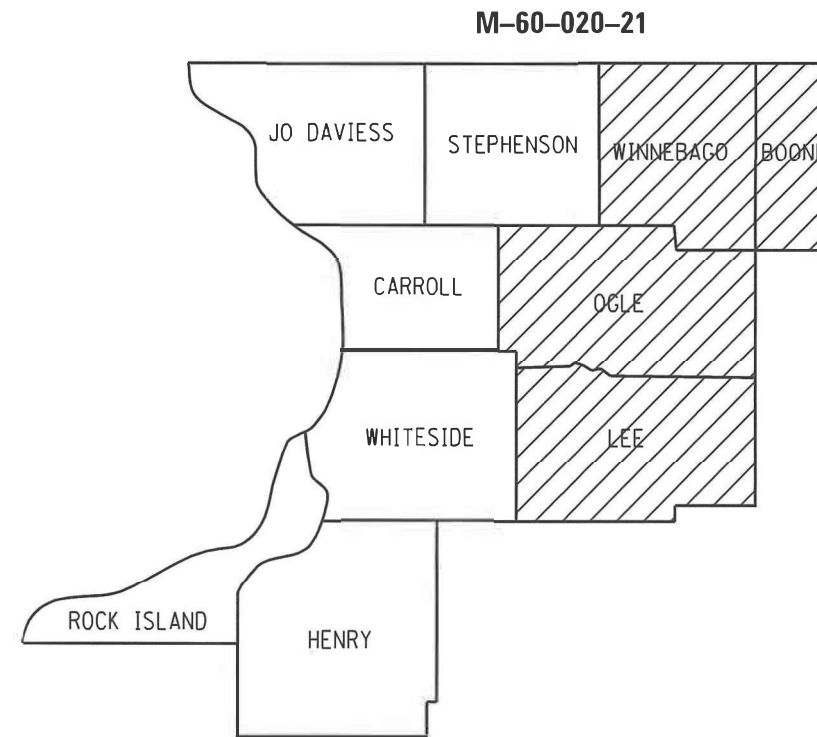
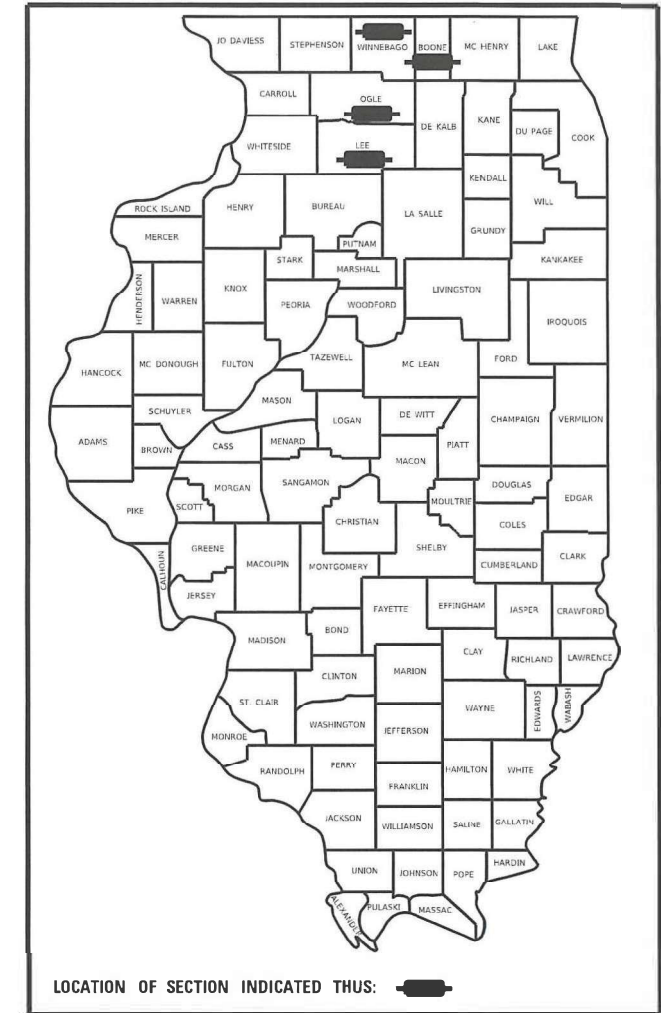
INDEX OF SHEETS:

COVER SHEET, SHEET No. 1

GENERAL NOTES, SHEET No. 2
STATE STANDARDS, SHEET No. 2

SUMMARY OF QUANTITIES, SHEET No. 3

LOCATIONS FOR REPLACEMENT REFLECTORS &
RAISED REFLECTIVE PAVEMENT MARKERS, SHEETS No. 4-13



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: SHERRY DITZLER (815) 284-5415
PROJECT MANAGER: KRISTIE NYDEREK (815) 284-5469

CONTRACT NO. 46563

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED January 22nd 20 2021

REGIONAL ENGINEER

March 19, 2021 ENGINEER OF DESIGN AND ENVIRONMENT

March 19, 2021 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

The Department may remove and not install markers in certain locations at the engineer's discretion.
 The Department may install markers in certain locations that did not previously have markers at the engineer's discretion.
 The locations of the repair areas shall be determined by the engineer.
 The work site shall be left in a safe and orderly condition, filling any holes created by the end of the work day.
 No material should be left on or near the roadway.
 Removal of damaged materials will include loading, hauling, and disposal.
 Any necessary traffic control will be provided by the contractor; appropriate standards are listed on Sheet No. 2.
 Traffic control shall not be paid for as separate pay items, but shall be considered a part of the contract.

STATE STANDARDS

701006-05	OFF-RD OPERATIONS, 2L2W, 15' to 24" FROM PAVEMENT EDGE
701101-05	OFF-RD OPERATIONS, MULTI-LANE, 15' to 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L2W, SLOW MOVING OPERATION, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L2W, MOVING OPERATION, DAY ONLY
701411-09	LANE CLOSURE, MULTI-LANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
701426-09	LANE CLOSURE, MULTI-LANE, INTERMITTANT/MOVING OPER, FOR SPEEDS ≥ 45 MPH
701427-05	LANE CLOSURE, MULTI-LANE, INTERMITTANT/MOVING OPER, FOR SPEEDS < 40 MPH
701501-06	URBAN LANE CLOSURE, 2L2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L2W, BIDIRECTIONAL LEFT TURN LANE
701901-08	TRAFFIC CONTROL DEVICES
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

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SCALE: _____				SHEET _____ OF _____ SHEETS		STA. _____ TO STA. _____		

SUMMARY OF QUANTITIES

TOTALS	78100100 Missing entire reflector casting	78100300 Missing reflector only
BOONE Co	203	2201
LEE Co	70	2050
OGLE Co	105	289
WINNEBAGO Co	3998	11809

PAYCODE	ITEM DESCRIPTION	Unit	0021 Total Quantity	100% State Rural
78100100	Raised Reflector Pavement Marker	Each	4376	4376
78100300	Replacement Reflector	Each	16349	16349
78300200	Raised Reflective Pavement Marker Removal	Each	5350	5350

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	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A. RTE. _____	SECTION _____	COUNTY _____	TOTAL SHEETS _____	SHEET NO. _____
VAR. D2 REFLECTOR REPL 21-16	VARIOUS		3	
CONTRACT NO. 46563				
ILLINOIS FED. AID PROJECT				

County: Boone

Route	From	To	Replace entire reflector casing		Remove reflector Casing			Replace reflector only			
			Yellow		White	Yellow		White	Yellow		White
			One Way	Two Way	One Way	One Way	Two Way	One Way	One Way	Two Way	One Way
IL 76 SB	Wis-Stateline	Bus 20		4	17					75	35
IL 76 NB	Bus 20	Wis-Stateline		5	2					90	83
IL 173 EB	Winn Cnty Line	Mchenry Cnty Line		0	0					10	0
IL 173 WB	Mchenry Cnty Line	Winn Cnty Line		0	0					8	0
Bus 20 EB	Winn Cnty Line	Appleton Rd		15	16					75	38
Bus 20 WB	Appleton Rd	Winn Cnty Line		0	5					112	41
Bus 20 EB	Appleton & State	US Bypass 20		0	0					195	70
Bus 20 WB	US Bypass 20	Appleton & State		0	0					190	120
Bypass 20 EB	Winn Cnty Line	McHenry Cnty Line		21	44					118	211
Bypass 20 WB	McHenry Cnty Line	Winn Cnty Line		10	30					241	122
		Add 20%		11	23					223	144
		Total		66	137					1337	864

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 REFLECTOR REPL 21-16	VARIOUS		4
CONTRACT NO. 46563			ILLINOIS FED. AID PROJECT	

County: Lee

Route	From	To	Missing entire reflector casing		Missing reflector only			
			Yellow		White	Yellow		White
			One Way	Two Way	One Way	One Way	Two Way	One Way
I 39 NB	Bridge 0059	Bridge 0058			0		4	
	Bridge 0058	Bridge 0055			0		4	
	Exit 82(I 39 NB	to Paw Paw)			3		15	
	Exit 82(Paw Paw	to I 39 NB)			0		0	
	Bridge 0055	Bridge 0054			0		2	
	Bridge 0054	Bridge 0053			0		5	
	Ramp(I 39 NB to	Willow Creek Rest)			5		2	
	Ramp(Willow Cree	Rest area to I 39 NB			0		0	
	Exit 87(I 39 NB	to US 30			6		6	
	Exit 87(US 30	to I 39 NB)			0		0	
	Bridge 0053	Bridge 0051			0		120	
	Bridge 0051	Bridge 0050			0		124	
	Bridge 0050	Bridge 0049			0		105	
	Bridge 0049	Ogle Cty line			1		184	
	Exit 93(I 39 NB	to Steward)			0		38	
	Exit 93(Steward	to I 39 NB)			0		0	
I 39 SB	Ogle/Lee line	Bridge 0048			5		189	
	Exit 93 SB ramp	to Steward			2		39	
	Exit 93 Steward	to I 39 SB			0		0	
	Bridge 0048	Bridge 0050			0		81	
	Bridge 0050	Bridge 0051			1		103	
	Lee bridge 0051	US 30 bridge 0052			3		95	
	Exit 87 SB ramp	to US 30			4		33	
	Exit 87 US 30	to I 39 SB			0		0	
	US 30 bridge 0052	Beemerville Br 0054			5		151	
	Ramp to Willow	Creek Rest area			4		11	
	Ramp from Willow	Creek rest area			0		0	
	Bridge 0054	PawPaw/Br 0055			1		78	
	Ramp I 30 SB to	Paw Paw			12		29	
	Ramp Paw Paw to	I 39 SB			0		0	
	Bridge 0055	Bridge 0058			2		141	
	Bridge 0058	Welland Rd Br 0059			4		149	
		Sub-Total			58		1708	
		Add 20%			12		342	
		Totals			70		2050	

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	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: _____	SHEET _____	OF _____ SHEETS	STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 REFLECTOR REPL 21-16	VARIOUS		5
CONTRACT NO. 46563			ILLINOIS FED. AID PROJECT	

County: Ogle

Route	From	To	Missing entire reflector casing		Missing reflector only			
			Yellow		White	Yellow		White
			One Way	Two Way	One Way	One Way	Two Way	One Way
I 39 NB	Ogle Cty Line	Bridge 0064			0			2
	Bridge 0064	I 88 Bridge			0			4
	Ramp I 39 NB to	I 88 EB		0	0		0	0
	Ramp I 88 WB to	I 39 NB		0	0		0	0
	Ramp I 39 NB to	I 88 WB		0	0		0	0
	I 88 Bridge	Creston (0061)			0			7
	Creston	Bridge 0060			0			1
	Bridge 0060	IL 38 (0058)			0			4
	Ramp I 39 NB to	IL 38		0	0		2	2
	Ramp IL 38 to	I 39 NB			0			5
	IL 38	Twomby (0057)			0			9
	Twomby	Bethel RD (0056)			0			23
	Bethel	IL 64 (0055)			0			25
	Ramp I 39 NB to	IL 64		0	1		0	4
	Ramp IL 64 to	I 39 NB		0	0		0	0
	IL 64	Mowers (0054)			0			4
	Mowers	Ivy Rd (0065)			0			9
	Ivy Rd	Bridge 0053			1			1
	Bridge 0053	Lindenwood (0051)			0			5
	Lindenwood	Big Mound Rd			0			6
	Big Mound Rd	IL 72			0			0
	Ramp I 39 NB to	IL 72		0	0		0	0
	Ramp IL 72 to	I 39 NB		0	0		0	0
	IL 72	Mc Neil Rd			0			11
	Mc Neil Rd	Winn Cty Line			0			1
I 39 SB	Winn Cty Line	Mc Neil Rd			0			4
	Mc Neil Rd	IL 72			0			13
	Ramp I 39 SB to	IL 72		0	0		1	9
	Ramp IL 72 to	I 39 SB		0	0		0	0
	IL 72	Big Mound Rd			0			7
	Big Mound Rd	Lindenwood Rd			2			15
	Lindenwood Rd	Ivy (0065)			3			8
	Ivy	Mowers (0054)			1			5
	Mowers	IL 64			0			5
	Ramp I 39 SB to	IL 64		0	0		0	0
	Ramp IL 64 to	I 39 SB		0	0		0	0
	IL 64	Bethel (0056)			0			0
	Bethel	Twomby (0057)			0			4
	Twomby	IL 38			0			0
	Ramp I 39 SB to	IL 38		0	1		0	5
	Ramp IL 38 to	I 39 SB			0			11
	IL 38	Creston (0061)			0			7
	Creston	88 Bridge			0			5
	Ramp I 39 SB to	88 WB		0	0		0	5
	Ramp 88 WB to	I 39 SB		0	0		0	0
	Ramp I 39 SB to	88 EB		0	0		0	1
	Ramp 88 EB to	I 39 SB		0	0		0	0
	88	Ritchie (0064)			0			5
	Ritchie	Lee/Ogle Cty Line			0			5
		Sub-Totals		0	9		3	237
		Add 20%			2		1	48
	SEE DETAIL	New Ramp Casting			94			
		Totals		0	105		4	285

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 REFLECTOR REPL 21-16	VARIOUS		6
CONTRACT NO. 46563			ILLINOIS FED. AID PROJECT	

County: Winnebago

NEW RPM's			Replace entire reflector casing			Remove reflector Casing			Replace reflector only		
Concrete all other hma			Yellow		White	Yellow		White	Yellow		White
Route	From	To	One Way	Two Way	One Way	One Way	Two Way	One Way	One Way	Two Way	One Way
US Bus 20	Mill WB	6th		25	27	11		21		271	699
East State St	6th EB	Mill		21	33	16		19		286	705
	Boone County	Mill									
US Bus 20	IL 70 WB	Sunset		4	17		4	11		17	80
West State St	Sunset	Ashley		9	28		9	16		44	97
	meridian	US 20		4	22		4	12		8	96
US Bus 20	US20 EB	Meridian	11	2	26	5	2	15	32	10	98
West State St	Meridian	Ashley									
	Ashley	SunSet		15	22		11	14		42	106
	SunSet	IL 70		6	29		3	14		16	70
US 20	I 39 EB	Boone County Line		5	21		3	12		27	190
	Boone County Line	I 39		4	8		4	5		28	182
Alpine Road NB	Linden	North of US 20									
	North of US 20	Manchester RD	2	21	9	2	17	4	3	15	24
	Manchester RD	Charles									
	Spring Creek	South of Riverside Blvd									
Alpine Road SB	Linden	North of US 20									
	North of US 20	Manchester RD	1	19	8	1	11	8	4	20	36
	Manchester RD	Charles									
	Spring Creek	South of Riverside Blvd									
I 39 EB	Tollway	US 20									
	US 20	Kish Bridge									
	Kish Bridge	county line			32			15			226
I 39 WB	county line	Kish Bridge			19			7			230
	Kish Bridge	US 20									
	US 20	Tollway									
US 20 WB	I 39	Alpine RD									
	Alpine RD	Rock Rive Bridge			92			45			256
	Rock Rive Bridge	1 mile E Montague									
	1 mile E Montague	2 miles E Meridian			91			75			317
	2 miles E Meridian	Meridian Road									
	Meridian Road	Winnebago RD			71			44	7		136
	Winnebago RD	Peckatonica Rd			331			194			317
	Peckatonica Rd	County Line			45			24			169
US 20 EB	County Line	Peckatonica Rd			47			29			134
	Peckatonica Rd	Winnebago RD			107			61	10		334
	Winnebago RD	Meridian Road			124			81			456
	Meridian Road	1/2 M W Montague									
	1/2 M W Montague	1 M E Montague			123			84			268
	1 M E Montague	Rock River Bridge									
	Rock River Bridge	Alpine Road			169			134			269
	Alpine Road	I 39									

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 REFLECTOR REPL 21-16	VARIOUS		7
CONTRACT NO. 46563			ILLINOIS FED. AID PROJECT	

County:		Winnebago (continued)									
		NEW RPM's									
		Concrete all other hma		Replace entire reflector casing		Remove reflector Casing		Replace reflector only			
				Yellow		White		Yellow		White	
Route	From	To	One Way	Two Way	One Way	One Way	Two Way	One Way	One Way	Two Way	One Way
I 90 NB	Rockton	Il 75			81			64			609
I 90 SB/EB	Il 75	Rockton			51			38			694
Route 2 SB	Wisc-Stateline	Ogle Cnty Line		8	140					190	345
Route 2 NB	Ogle Cnty Line	Wisc-Stateline		16	182					175	215
251 SB	Forest Hills Rd	Ogle Cnty Line		18	270					60	440
251 NB	Ogle Cnty Line	Forest Hills Rd		20	598					85	246
IL 173 EB	251	Boone Cnty Line		0	5					12	145
IL 173 WB	Boone Cnty Line	251		0	11					10	153
Roger Osborn											
IL 75	tevenson Cnty Lin	Wisc-Stateline		55	28					64	62
Both	East & West										
		Sub-Totals	14	252	2867	35	68	1046	56	1380	8404
		Add 20%	3	51	574	7	14	210	12	276	1681
	SEE DETAIL	New Ramp Castings			237						
		Totals	17	303	3678	42	82	1256	68	1656	10085

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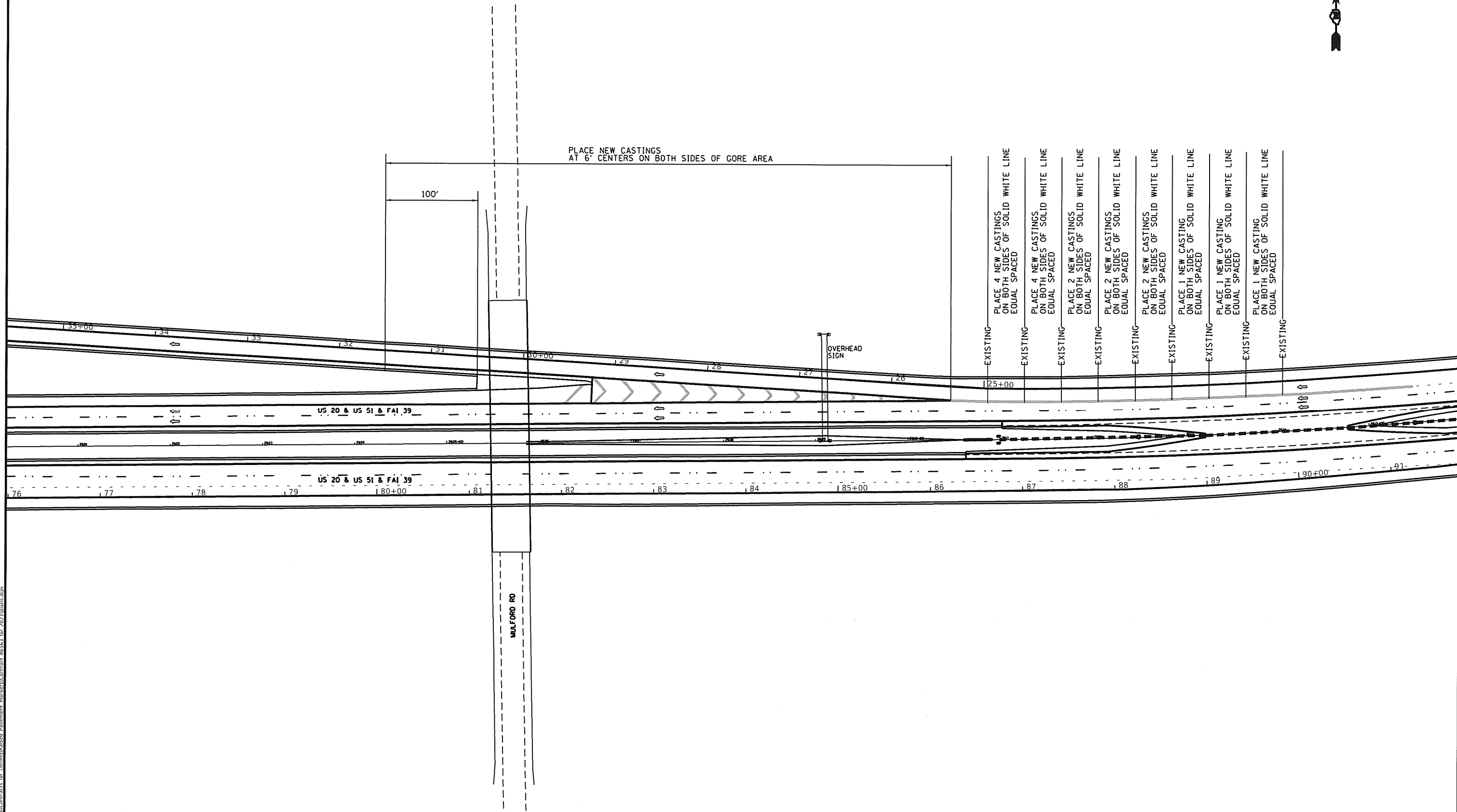
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____ TO STA. _____	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 REFLECTOR REPL 21-16	VARIOUS		8
				CONTRACT NO. 46563
ILLINOIS FED. AID PROJECT				

RAMP DETAIL



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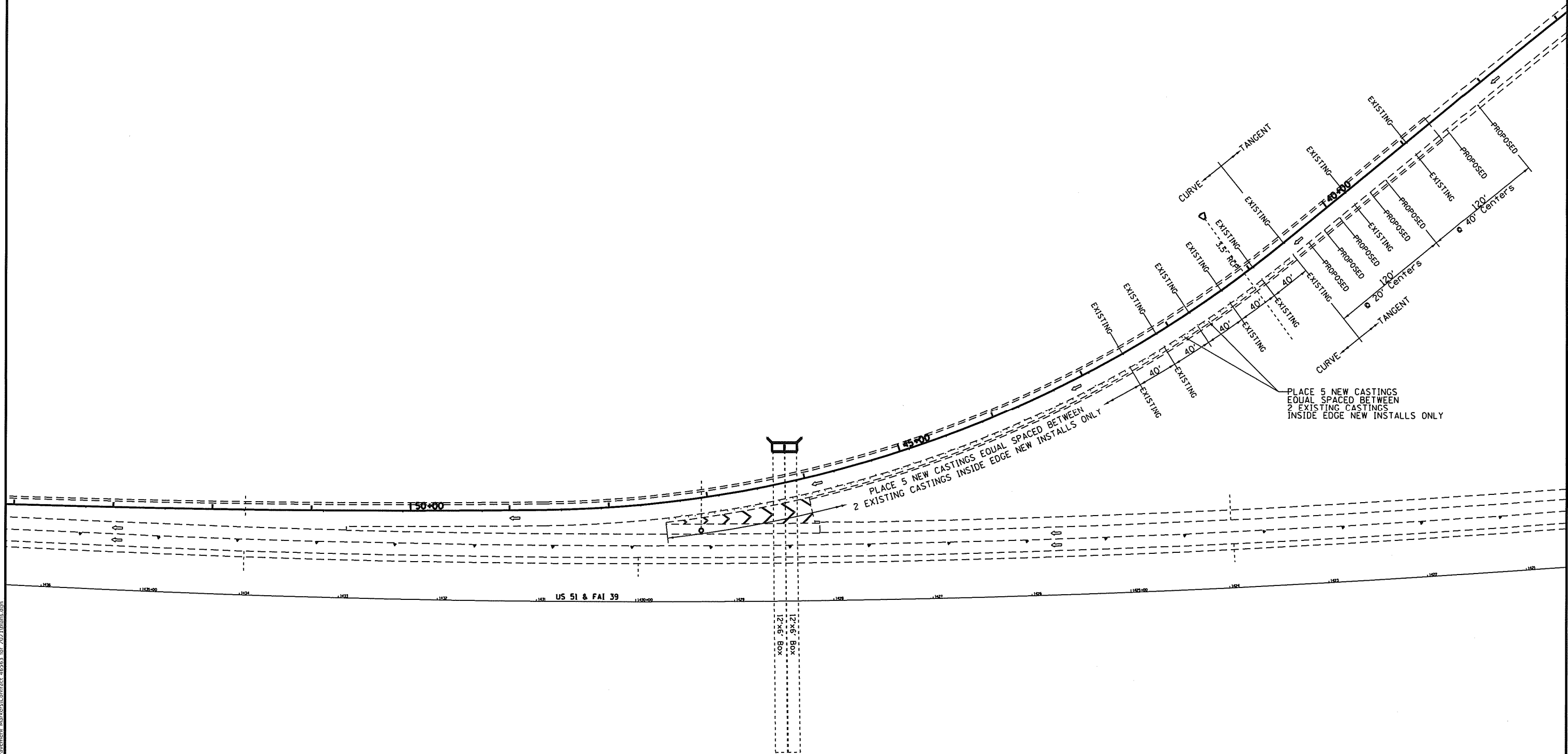
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	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RAMP DETAIL		
US 20 WB at I-39 SB		
SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____ TO STA. _____

F.A. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 REFLECTOR REPL 21-16	VARIOUS	9	9
CONTRACT NO. 46563				
ILLINOIS FED. AID PROJECT				

RAMP DETAIL



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP DETAIL I-88 WB to I-39 NB	
SCALE: _____	SHEET _____ OF _____ SHEETS
STA. _____	TO STA. _____

F.A. RTE. _____	SECTION _____	COUNTY _____	TOTAL SHEETS _____	SHEET NO. _____
VAR. D2 REFLECTOR REPL 21:16	VARIOUS			10
				CONTRACT NO. 46563
ILLINOIS FED. AID PROJECT				