

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

PROJECT IS LOCATED IN THE VILLAGE OF BOLINGBROOK

**TRAFFIC DATA:**

**INTERSTATE 55**

S.N. 099-0028 2018 ADT = 122,900

S.N. 099-0260 2018 ADT = 133,600

DESIGN CLASSIFICATION = INTERSTATE (I-55) (URBAN)

DESIGN SPEED = 60 MPH (ASSUMED)

POSTED SPEED = 55 MPH

**2018 ADT**

IL-53 ADT= 33,200

JOILET RD ADT= 30,300

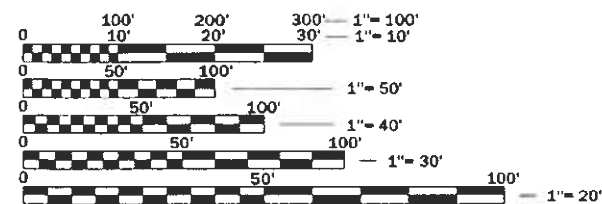
DESIGN CLASSIFICATION = IL-53: PRINCIPLE ARTERIAL  
JOILET RD: MINOR ARTERIAL

DESIGN SPEED = IL-53: 45 MPH (ASSUMED)

JOILET RD: 45 MPH (ASSUMED)

POSTED SPEED = IL-53: 40 MPH

JOILET RD: 45 MPH



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

MEADE ELECTRIC CO., DISTRICT ONE ELECTRICAL  
MAINTENANCE CONTRACTOR LOCATES IDOT ELECTRICAL  
EQUIPMENT AND UNDERGROUND CABLES 773-287-7672

PROJECT ENGINEER: PRAVEEN KAINI, PE. (847-705-4237)  
PROJECT MANAGER: J. ALAIN MINDY, PE. (847-221-3056)

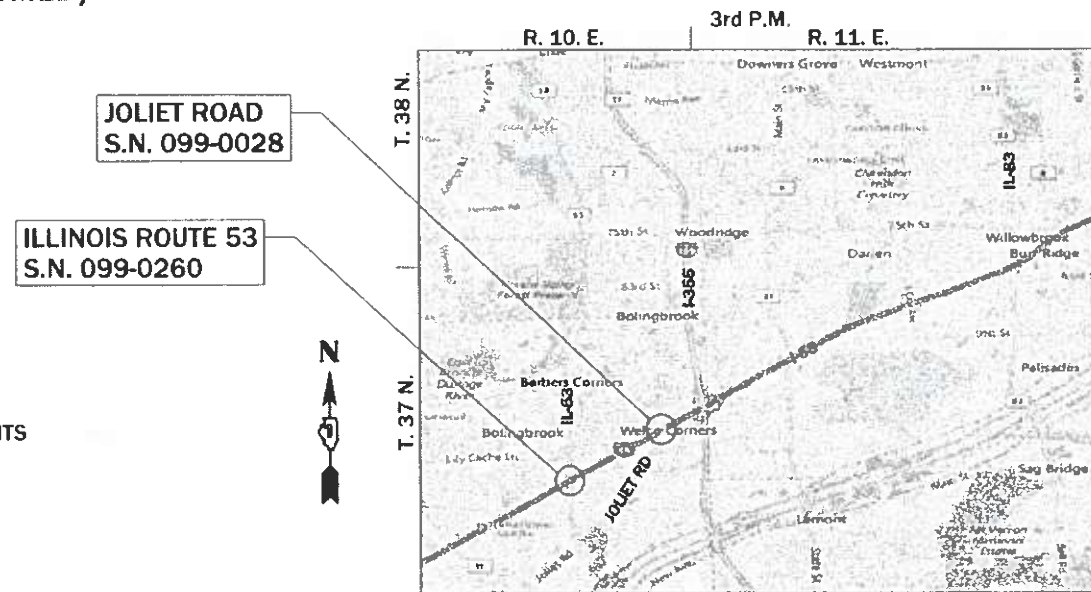
CONTRACT NO. 62H03

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**PROPOSED  
HIGHWAY PLANS**

FAI ROUTE 55 (I-55) OVER IL-53 AND JOILET RD  
SECTION 2018-043-BD&BJR  
IL-53: BRIDGE WIDENING WITH DECK  
REPLACEMENT AND SUBSTRUCTURE REPAIR  
JOILET RD: BRIDGE WIDENING WITH  
SUPERSTRUCTURE REPLACEMENT AND  
SUBSTRUCTURE REPAIR  
PROJECT NO. NHPP-L1VM(532)  
WILL COUNTY

C-91-289-18



**LOCATION MAP**

NOT TO SCALE

GROSS LENGTH = 5,360.00 FT. = 1.02 MILES  
NET LENGTH = 2,739.00 FT. = 0.52 MILES

F.A.I. SHEET NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2018-043-BD&BJR	WILL	430	1

\* 430 + 2 = 432 TOTAL SHEETS

D-91-364-18



**LIN ENGINEERING, LTD.**  
Consulting Engineers  
Westmont, Illinois



*Shiraz Tarique* 3/4/21  
Shiraz Tarique Date  
Illinois Registered Engineer No. 062-064219  
Registration Expires Nov. 30, 2021



*Joseph M. Vondra* 3/4/2021  
Joseph M. Vondra Date  
Illinois Registered Engineer No. 062-055846  
Registration Expires Nov. 30, 2021

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED *March 9 2021*  
*Jose Elias / CRB* REGIONAL ENGINEER  
May 7, 2021  
*Joe E. A. Elk*  
ENGINEER OF DESIGN AND ENVIRONMENT  
May 7, 2021  
*Joseph M. Vondra*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**



EARTH EXCAVATION

ALIGNMENT	STATION	VOLUME (CY)	
		CU YD	
		CUT	FILL
I-55	201+75.00		
		0.44	0.00
I-55	202+00.00		
		2.09	0.00
I-55	202+50.00		
		2.12	0.00
I-55	203+00.00		
		3.05	0.00
I-55	203+50.00		
		5.60	0.22
I-55	204+00.00		
		2.83	0.34
I-55	204+08.44		
		24.43	8.17
I-55	204+50.00		
		34.86	23.66
I-55	205+00.00		
		38.65	30.41
I-55	205+50.00		
		40.09	31.97
I-55	206+00.00		
		41.21	39.22
I-55	206+50.00		
		43.28	43.26
I-55	207+00.00		
		42.98	39.28
I-55	207+50.00		
		52.93	22.44
I-55	207+85.88		
		26.07	7.75
I-55	208+00.00		
		52.71	16.44
I-55	208+26.73		
		36.40	9.63
I-55	208+50.00		
		9.45	5.05
I-55	208+75.00		
		0.00	4.17
I-55	209+00.00		
		0.00	2.79
I-55	209+25.00		
		0.00	1.58
I-55	209+50.00		
		0.00	0.00
I-55	209+50.00		
		459.18	286.38
		ROUNDED SUBTOTAL	460.00

ALIGNMENT	STATION	VOLUME (CY)	
		CU YD	
		CUT	FILL
I-55	210+50.00		
		0.00	7.85
I-55	211+00.00		
		31.60	10.53
I-55	211+50.00		
		7.38	0.38
I-55	211+54.54		
		57.30	4.96
I-55	212+00.00		
		26.33	8.23
I-55	212+50.00		
		26.12	6.60
I-55	213+00.00		
		24.01	3.41
I-55	213+50.00		
		20.78	2.35
I-55	214+00.00		
		19.88	2.40
I-55	214+50.00		
		19.71	4.20
I-55	215+00.00		
		4.87	2.14
I-55	215+25.00		
		0.00	1.22
I-55	215+50.00		
		0.00	2.40
I-55	216+00.00		
		0.00	2.37
I-55	216+50.00		
		0.00	1.17
I-55	216+75.00		
		0.00	0.78
I-55	216+91.68		
		0.73	0.20
I-55	217+00.00		
		9.27	0.00
I-55	217+25.00		
		14.93	0.00
I-55	217+50.00		
		3.99	0.00
I-55	217+56.49		
		0.00	0.00
I-55	217+56.49		
		266.89	61.21
		ROUNDED SUBTOTAL	270.00

ALIGNMENT	STATION	VOLUME (CY)	
		CU YD	
		CUT	FILL
I-55	286+23.20		
		5.08	0.00
I-55	286+50.00		
		9.34	0.00
I-55	287+00.00		
		9.52	0.00
I-55	287+50.00		
		9.28	0.00
I-55	288+00.00		
		9.04	0.00
I-55	288+50.00		
		9.14	0.00
I-55	289+00.00		
		9.22	0.00
I-55	289+50.00		
		9.40	0.00
I-55	290+00.00		
		9.48	0.00
I-55	290+50.00		
		9.46	0.00
I-55	291+00.00		
		0.00	0.00
I-55	291+00.00		
		88.96	0.00
		ROUNDED SUBTOTAL	90.00

ALIGNMENT	STATION	VOLUME (CY)	
		CU YD	
		CUT	FILL
I-55	294+03.69		
		17.59	0.00
I-55	294+50.00		
		34.05	0.00
I-55	295+00.00		
		42.41	0.47
I-55	295+50.00		
		44.24	1.45
I-55	296+00.00		
		48.38	1.85
I-55	296+50.00		
		51.27	1.65
I-55	297+00.00		
		53.57	0.96
I-55	297+50.00		
		55.61	0.19
I-55	298+00.00		
		28.05	0.00
I-55	298+15.51		
		71.36	0.00
I-55	298+50.00		
		60.42	0.00
I-55	299+00.00		
		38.68	0.00
I-55	299+26.84		
		44.10	0.51
I-55	299+50.00		
		67.72	5.81
I-55	300+00.00		
		37.71	6.33
I-55	300+50.00		
		6.17	9.69
I-55	300+75.00		
		0.00	23.99
I-55	301+00.00		
		3.28	16.50
I-55	301+25.00		
		6.12	3.62
I-55	301+50.00		
		6.07	2.72
I-55	301+75.00		
		12.70	0.50
I-55	302+00.00		
		0.00	0.00
I-55	302+00.00		
		729.48	76.24
		ROUNDED SUBTOTAL	730.00

ALIGNMENT	STATION	VOLUME (CY)	
		CU YD	
		CUT	FILL
I-55	302+50.00		
		9.12	5.68
I-55	302+75.00		
		22.01	6.34
I-55	303+00.00		
		28.84	17.81
I-55	303+25.00		
		15.95	17.16
I-55	303+50.00		
		1.04	0.00
I-55	304+00.00		
		1.26	0.00
I-55	304+50.00		
		0.22	0.00
I-55	305+00.00		
		0.00	0.00
I-55	305+50.00		
		0.00	0.00
I-55	306+00.00		
		0.00	0.00
I-55	306+25.00		
		0.00	0.00
I-55	306+44.01		
		0.00	0.00
I-55	306+44.01		
		78.44	46.99
		ROUNDED SUBTOTAL	80.00

1

2 ADDED ENTIRE SHEET 6/3/2021

**TOPSOIL EXCAVATION AND PLACEMENT**

ALIGNMENT	STATION	VOLUME (CY)	
		CU YD	
		CUT	FILL
I-55	201+75.00		
		0.00	0.04
I-55	202+00.00		
		0.04	0.14
I-55	202+50.00		
		0.04	0.91
I-55	203+00.00		
		1.52	7.23
I-55	203+50.00		
		3.41	16.09
I-55	204+00.00		
		1.02	4.40
I-55	204+08.44		
		7.78	33.52
I-55	204+50.00		
		8.29	53.86
I-55	205+00.00		
		6.62	60.59
I-55	205+50.00		
		8.37	59.42
I-55	206+00.00		
		10.32	55.07
I-55	206+50.00		
		10.48	51.28
I-55	207+00.00		
		10.06	47.71
I-55	207+50.00		
		7.46	30.28
I-55	207+85.88		
		2.22	10.46
I-55	208+00.00		
		2.75	18.89
I-55	208+26.73		
		1.21	12.55
I-55	208+50.00		
		0.00	9.75
I-55	208+75.00		
		0.00	9.54
I-55	209+00.00		
		0.00	6.98
I-55	209+25.00		
		0.11	2.58
I-55	209+50.00		
		0.00	0.00
I-55	209+50.00		
		81.69	491.30
		ROUNDED	SUBTOTAL
			410.00

ALIGNMENT	STATION	VOLUME (CY)	
		CU YD	
		CUT	FILL
I-55	210+50.00		
		0.00	10.19
I-55	211+00.00		
		0.00	14.86
I-55	211+50.00		
		0.21	0.98
I-55	211+54.54		
		6.46	11.06
I-55	212+00.00		
		10.47	13.92
I-55	212+50.00		
		10.61	11.98
I-55	213+00.00		
		9.98	7.59
I-55	213+50.00		
		9.62	5.00
I-55	214+00.00		
		8.26	4.87
I-55	214+50.00		
		7.03	4.76
I-55	215+00.00		
		1.66	2.77
I-55	215+25.00		
		0.00	2.99
I-55	215+50.00		
		0.00	3.97
I-55	216+00.00		
		0.00	2.30
I-55	216+50.00		
		0.00	1.21
I-55	216+75.00		
		0.00	1.74
I-55	216+91.68		
		1.16	0.92
I-55	217+00.00		
		3.48	0.76
I-55	217+25.00		
		0.00	0.00
I-55	217+50.00		
		0.00	0.00
I-55	217+56.49		
		0.00	0.00
I-55	217+56.49		
		68.93	101.89
		ROUNDED	SUBTOTAL
			35.00

ALIGNMENT	STATION	VOLUME (CY)	
		CU YD	
		CUT	FILL
I-55	286+23.20		
		0.00	0.00
I-55	286+50.00		
		0.00	0.00
I-55	287+00.00		
		0.00	0.00
I-55	287+50.00		
		0.00	0.00
I-55	288+00.00		
		0.00	0.00
I-55	288+50.00		
		0.00	0.00
I-55	289+00.00		
		0.00	0.00
I-55	289+50.00		
		0.00	0.00
I-55	290+00.00		
		0.00	0.00
I-55	290+50.00		
		0.00	0.00
I-55	291+00.00		
		0.00	0.00
I-55	291+00.00		
		0.00	0.00
		CU YD	0.00
		ROUNDED	SUBTOTAL
			0.00

ALIGNMENT	STATION	VOLUME (CY)	
		CU YD	
		CUT	FILL
I-55	294+03.69		
		2.26	0.00
I-55	294+50.00		
		5.28	0.00
I-55	295+00.00		
		5.60	4.81
I-55	295+50.00		
		7.48	9.97
I-55	296+00.00		
		9.89	9.94
I-55	296+50.00		
		10.56	9.26
I-55	297+00.00		
		10.76	7.58
I-55	297+50.00		
		11.02	4.87
I-55	298+00.00		
		3.52	0.95
I-55	298+15.51		
		6.77	10.93
I-55	298+50.00		
		8.88	14.54
I-55	299+00.00		
		5.83	0.00
I-55	299+26.84		
		2.82	0.00
I-55	299+50.00		
		15.51	3.04
I-55	300+00.00		
		15.51	11.20
I-55	300+50.00		
		0.00	11.56
I-55	300+75.00		
		0.00	15.39
I-55	301+00.00		
		0.00	14.09
I-55	301+25.00		
		0.00	10.79
I-55	301+50.00		
		0.00	6.93
I-55	301+75.00		
		0.00	2.49
I-55	302+00.00		
		0.00	0.00
I-55	302+00.00		
		121.70	148.34
		ROUNDED	SUBTOTAL
			30.00

ALIGNMENT	STATION	VOLUME (CY)	
		CU YD	
		CUT	FILL
I-55	302+50.00		
		0.00	5.33
I-55	302+75.00		
		0.00	12.63
I-55	303+00.00		
		0.00	22.12
I-55	303+25.00		
		0.24	16.67
I-55	303+50.00		
		1.97	3.69
I-55	304+00.00		
		2.75	0.00
I-55	304+50.00		
		2.41	0.00
I-55	305+00.00		
		2.55	0.00
I-55	305+50.00		
		2.83	0.00
I-55	306+00.00		
		1.58	0.00
I-55	306+25.00		
		0.66	0.00
I-55	306+44.01		
		0.00	0.00
I-55	306+44.01		
		15.00	60.44
		ROUNDED	SUBTOTAL
			50.00

1

2 REVISED ENTIRE SHEET 6/3/2021



USER NAME = rober  
 PLOT SCALE = 2,000' / in.  
 PLOT DATE = 6/2/2021

DESIGNED - NH  
 DRAWN - NH  
 CHECKED - ST  
 DATE - 4/2021

REVISED - 04/21/2021 RC  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. ROUTE 55 (I-55)  
 SCHEDULE OF QUANTITIES**

SCALE: N.T.S. SHEET 10B OF 10 SHEETS STA. TO STA.

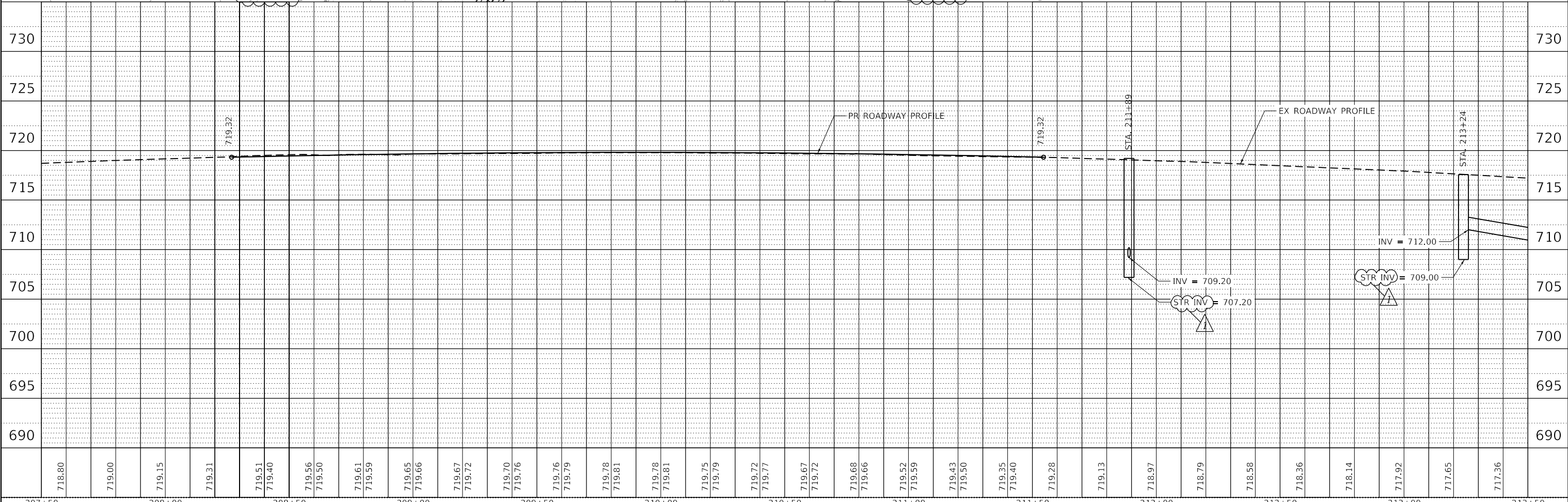
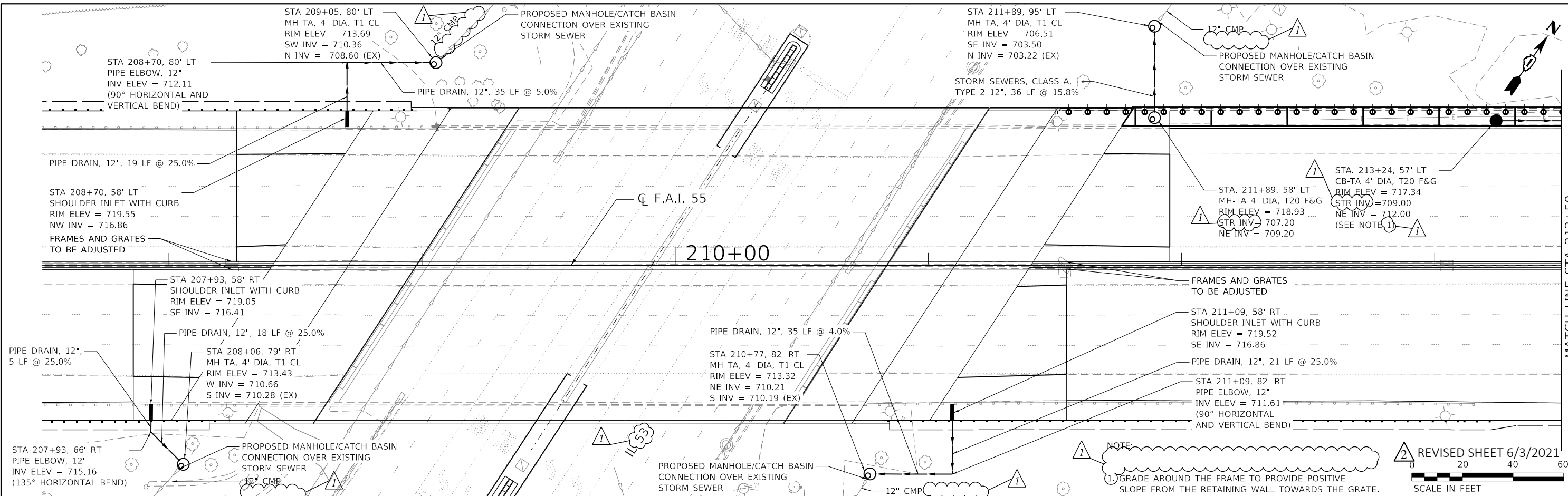
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2018-043-BD&BJR	WILL	430	32B
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62H03	



PLAN	SURVEYED	DATE
NOTE BOOK		

PROFILE	SURVEYED	DATE
NOTE BOOK		

DATE PLOTTED = 6/2/2021 3:18:22 PM  
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 MODEL: SHODLE.NAMES  
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USER NAME = WaterResources	DESIGNED - JS	REVISIED -
PLOT SCALE = 40,0000' / in.	DRAWN - JS	REVISIED -
PLOT DATE = 6/2/2021	CHECKED - RD	REVISIED -
	DATE - 3/16/2021	REVISIED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**I-55 OVER IL 53 BRIDGE REHABILITATION  
 PROPOSED DRAINAGE PLAN AND PROFILE**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2018-043-BD&BJR	WILL	430	85
CONTRACT NO. 62H03				
ILLINOIS FED. AID PROJECT				

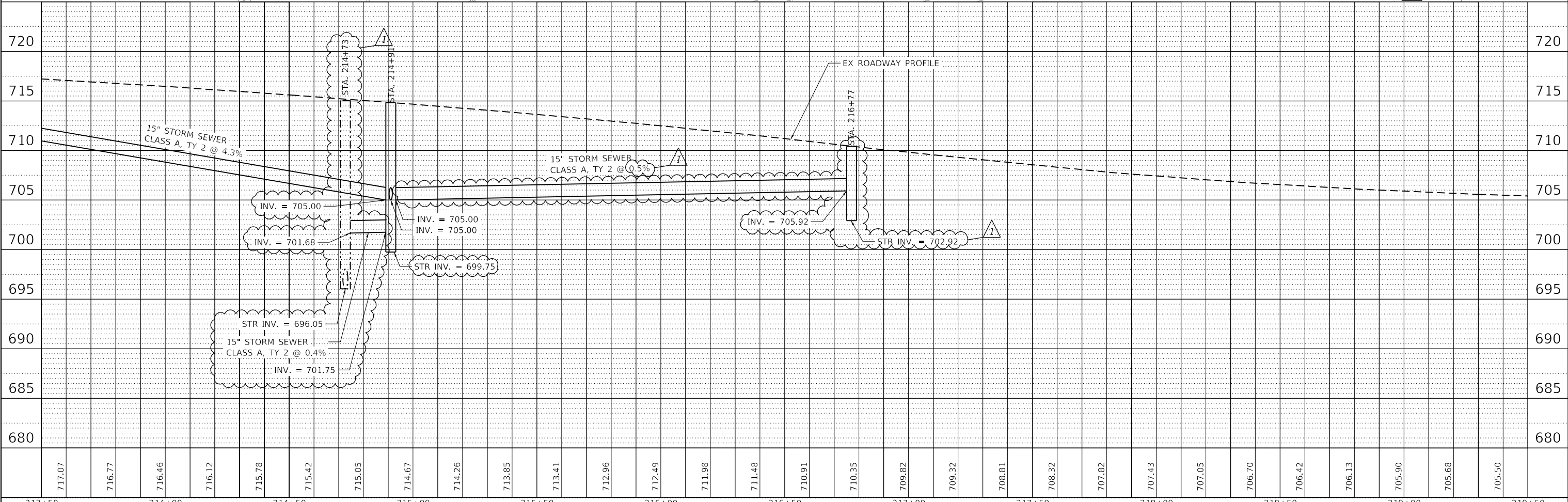
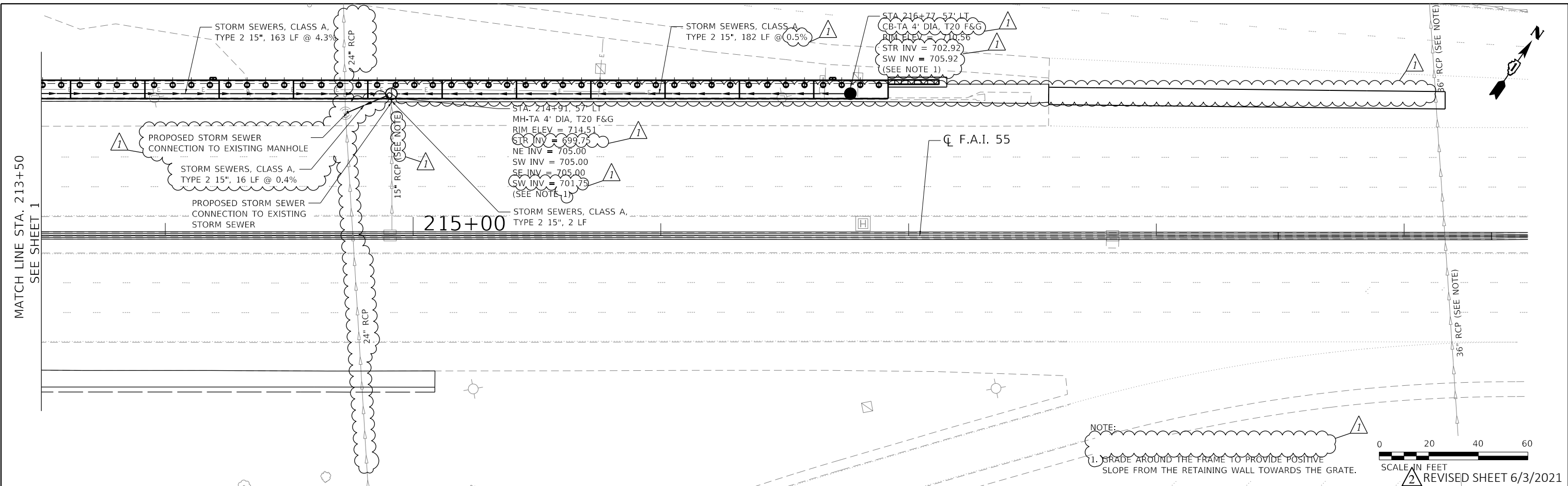
SCALE: 1" = 20'    SHEET OF SHEETS    STA. TO STA.

MATCH LINE STA 213+50  
 SEE SHEET 2

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK	
	NO.	
	STRUCTURE NOTATION	

DATE PLOTTED = 6/2/2021 3:18:23 PM  
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213+50	214+00	214+50	215+00	215+50	216+00	216+50	217+00	217+50	218+00	218+50	219+00	219+50																	
717.07	716.77	716.46	716.12	715.78	715.42	715.05	714.67	714.26	713.85	713.41	712.96	712.49	711.98	711.48	710.91	710.35	709.82	709.32	708.81	708.32	707.82	707.43	707.05	706.70	706.42	706.13	705.90	705.68	705.50

**CiorbaGroup**  
 8725 W. Higgins Rd, Ste 600, Chicago, IL 60631  
 P 773.775.4009 | www.ciorba.com

USER NAME = WaterResources	DESIGNED - JS	REVISED -
PLOT SCALE = 40,000" / in.	DRAWN - JS	REVISED -
PLOT DATE = 6/2/2021	CHECKED - RD	REVISED -
	DATE - 3/16/2021	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**I-55 OVER IL 53 BRIDGE REHABILITATION  
 PROPOSED DRAINAGE PLAN AND PROFILE**

SCALE: 1" = 20'    SHEET    OF    SHEETS    STA.    TO STA.

F.A.I. RTE. = 55	SECTION = 2018-043-BD&BJR	COUNTY = WILL	TOTAL SHEETS = 430	SHEET NO. = 86
CONTRACT NO. = 62H03			ILLINOIS FED. AID PROJECT	