

UTILITY OWNERS

AT&T = TELEPHONE
 COM-ED = ELECTRIC
 CITY OF CHICAGO = ELECTRIC
 CITY OF CHICAGO WATER = WATER
 IDOT = ELECTRIC
 IDOT ITS = FIBER OPTIC
 PEOPLE'S ENERGY = GAS

NOTE: ALL ELECTRONIC DEPTHS MARKED AS (ED) WERE OBTAINED UTILIZING A SONDE DEVICE. DEPTHS ON THE AT&T DUCT WERE RECORDED FROM AN AT&T CONTRACTOR. DEPTHS ON THE COMED DUCT WERE RECORDED BY A CARDNO CREW. CARDNO CAN NOT VERIFY THE ACCURACY OF THESE DEPTHS AND SHOULD BE USED AS APPROXIMATE AND AS INFORMATION ONLY.

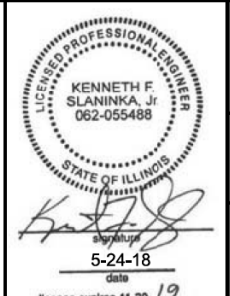
UTILITIES SHOWN ON THESE PLANS AS DEPICTED IN THE LEGEND HAVE BEEN INVESTIGATED BY CARDNO IN ACCORDANCE WITH SUE INDUSTRY STANDARDS. ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED TO CARDNO BY OTHERS. CARDNO SUE FIELD INVESTIGATION WAS PERFORMED 3/14/13 THROUGH 10/21/15. CHANGES TO UTILITIES MAY HAVE BEEN MADE AND THEREFORE MAY RESULT IN VARIANCES FROM THIS PLAN. CONSIDERATION SHOULD BE GIVEN TO UPDATING THIS PLAN IF DEEMED ADVISABLE PRIOR TO FINAL DESIGN AND CONSTRUCTION.

ADDITIONAL CARDNO SUE FIELD INVESTIGATION WAS PERFORMED 1/24/17 AND SURVEYED BY CLAASSEN, WHITE & ASSOCIATES.

ADDITIONAL CARDNO SUE FIELD INVESTIGATION WAS PERFORMED 5/11/18 AND SURVEYED BY CLAASSEN, WHITE & ASSOCIATES.

CHANGES TO UTILITIES OUTSIDE THE LIMITS OF THIS INVESTIGATION AREA MAY HAVE BEEN MADE AFTER OUR PREVIOUS INVESTIGATION AND THEREFORE MAY RESULT IN VARIANCES FROM THIS PLAN. CONSIDERATION SHOULD BE GIVEN TO UPDATING THIS PLAN IF DEEMED ADVISABLE PRIOR TO FINAL DESIGN AND CONSTRUCTION.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



Cardno

CLAASSEN, WHITE & ASSOCIATES, P.C.
 LAND SURVEYORS
 121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431
 (815) 744-3720 clausenwhitecosurvey.com

Dynasty Group
 Engineers & Surveyors
 CARDNO Job No. IL09510531, 563, 647, 737, 758, 761, 764
 SUE Plan Pages 3 of 12

Utility Quality Level "A": Visually Verified Test Hole
 Utility Quality Level "B": Designating/non Visually Verified Test Hole
 Utility Quality Level "C": Research with Survey
 Utility Quality Level "D": Records Research

DESIGNED JP	REVISED 2/01/17 ADDED UTILITIES
DRAWN SRK	REVISED 5/24/14 ADDED TH #62, 62A
CHECKED MGR	REVISED
DATE 12/18/15	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-94-I-290 (Circle Interchange)
Chicago, Illinois

SHEET 2 OF 14 SHEETS

F.A. RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	Cook	1360	601
Contract No. N/A				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No. P-91-259-12				

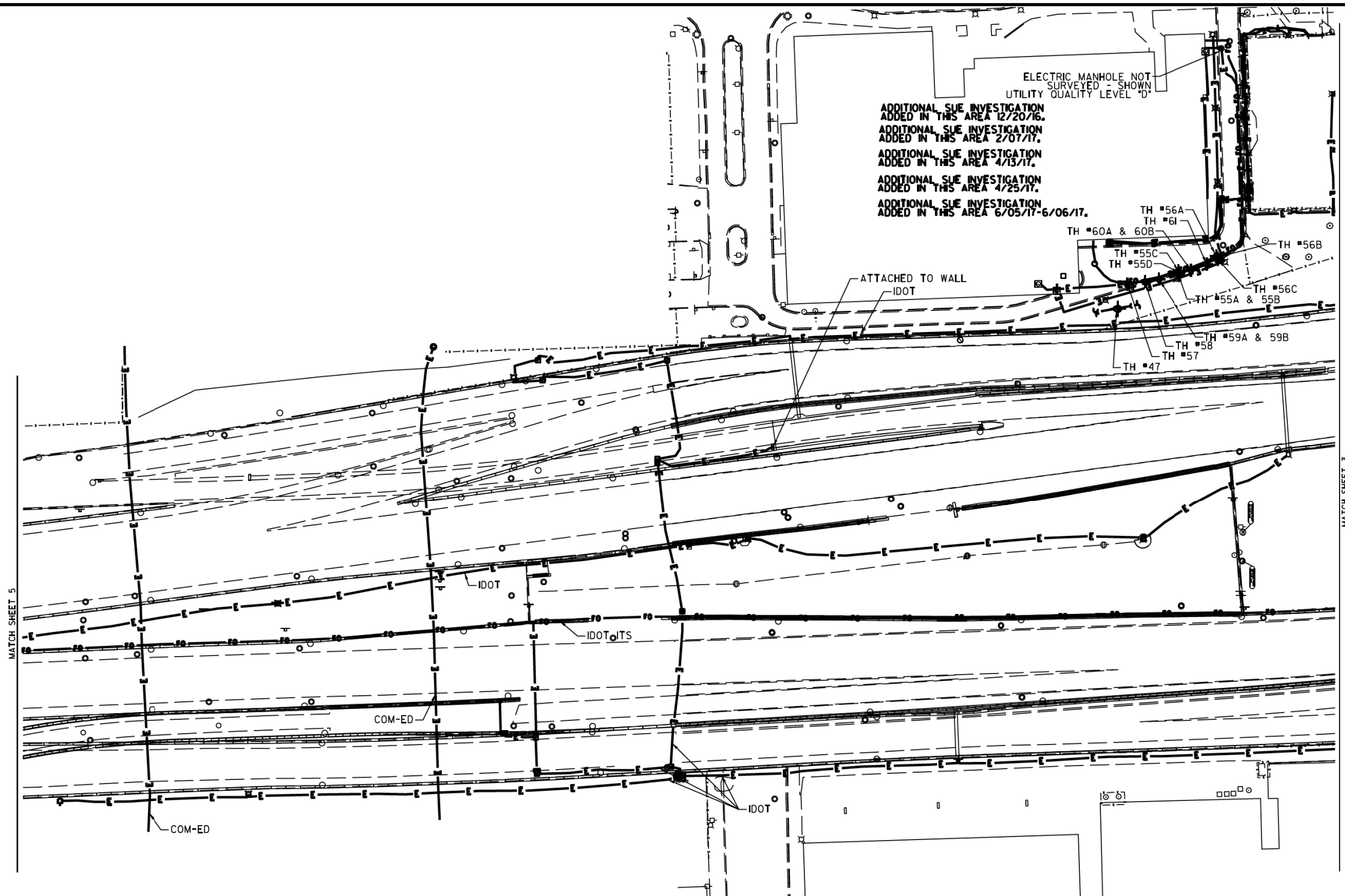


ELECTRIC MANHOLE NOT SURVEYED - SHOWN UTILITY QUALITY LEVEL "D"

ADDITIONAL SUE INVESTIGATION ADDED IN THIS AREA 12/20/16.
ADDITIONAL SUE INVESTIGATION ADDED IN THIS AREA 2/07/17.
ADDITIONAL SUE INVESTIGATION ADDED IN THIS AREA 4/13/17.
ADDITIONAL SUE INVESTIGATION ADDED IN THIS AREA 4/25/17.
ADDITIONAL SUE INVESTIGATION ADDED IN THIS AREA 6/05/17-6/06/17.

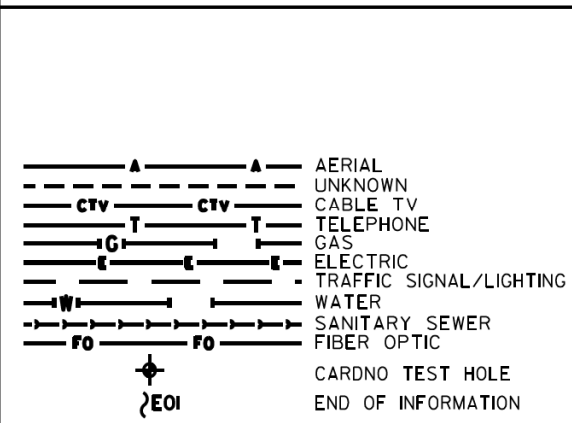
TH #56A
TH #61
TH #60A & 60B
TH #55C
TH #55D
TH #56B
TH #56C
TH #55A & 55B
TH #58
TH #59A & 59B
TH #57
TH #47

ATTACHED TO WALL
IDOT



SOUTH BOUND I-94

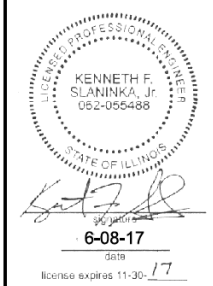
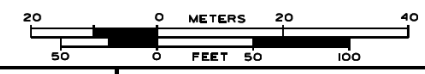
NORTH BOUND I-94



UTILITY OWNERS
COM-ED = ELECTRIC
IDOT = ELECTRIC
IDOT ITS = FIBER OPTIC

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ADDITIONAL CARDNO SUE FIELD INVESTIGATION WAS PERFORMED 1/24/17 AND SURVEYED BY CLAASSEN, WHITE & ASSOCIATES.
ADDITIONAL CARDNO SUE FIELD INVESTIGATION WAS PERFORMED 3/27/17 THROUGH 4/07/17 AND SURVEYED BY CLAASSEN, WHITE & ASSOCIATES.
ADDITIONAL CARDNO SUE FIELD INVESTIGATION WAS PERFORMED 4/25/17 AND SURVEYED BY CLAASSEN, WHITE & ASSOCIATES.
ADDITIONAL CARDNO SUE FIELD INVESTIGATION WAS PERFORMED 6/5/17-6/6/17 AND SURVEYED BY CLAASSEN, WHITE & ASSOCIATES.

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CLAASSEN, WHITE & ASSOCIATES, P.C.
LAND SURVEYORS
12 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60438
(815) 744-3720 claussewhite@cwasurevey.com



CARDNO Job No. IL095053L 563, 647, 737, 748
SUE Plan Page 6 of 12

Utility Quality Level "A": Visually Verified Test Hole
Utility Quality Level "B": Designating/non Visually Verified Test Hole
Utility Quality Level "C": Research with Survey
Utility Quality Level "D": Records Research

DESIGNED	JP	REVISED 12/20/16 ADDED UTILITIES	REVISED 6/08/17 ADDED TH#57-61
DRAWN	SRK	REVISED 2/01/17 ADDED UTILITIES	
CHECKED		REVISED 4/13/17 ADJUSTED UTILITIES	
DATE		REVISED 5/1/17 ADDED TH#55A-56C	

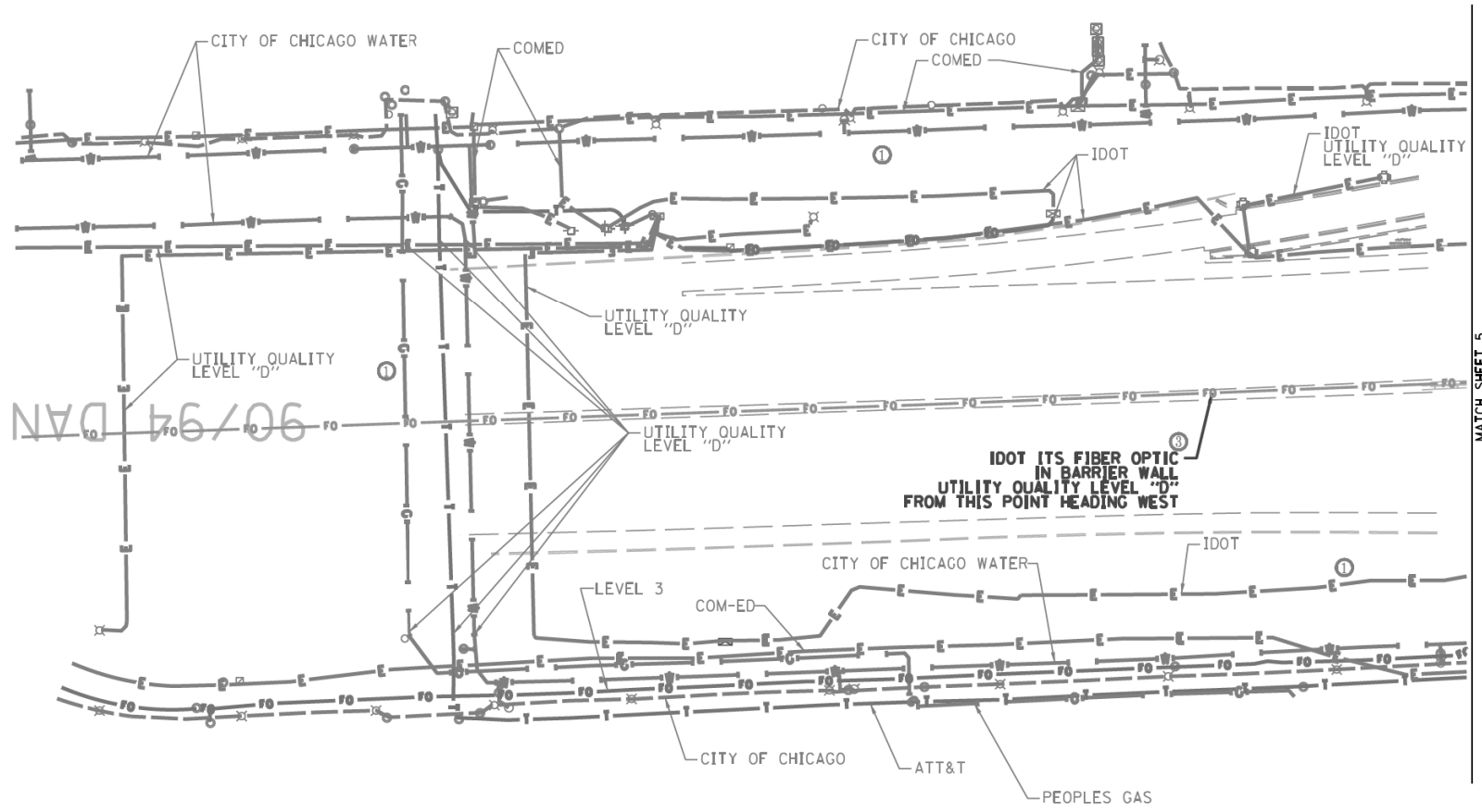
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-94I-90I-290 (Circle Interchange)
Chicago, Illinois
SHEET 3 OF 14 SHEETS

F.A. RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	Cook	1360	602
Contract No. N/A				
FED. ROAD DIST. No. ILLINOIS IDOT Project No. P-9I-259-12				



90/94 DAN RYAN EXPRESSWAY



MATCH SHEET 5

	AERIAL UNKNOWN
	CABLE TV
	TELEPHONE
	GAS
	ELECTRIC
	TRAFFIC SIGNAL/LIGHTING
	WATER
	SANITARY SEWER
	FIBER OPTIC
	CARDNO TEST HOLE
	END OF INFORMATION

UTILITY OWNERS	
AT&T = TELEPHONE	
COM-ED = ELECTRIC	
CITY OF CHICAGO = ELECTRIC	
CITY OF CHICAGO WATER = WATER	
IDOT = ELECTRIC	
IDOT ITS = FIBER OPTIC	
LEVEL 3 = FIBER OPTIC	
PEOPLE'S ENERGY = GAS	

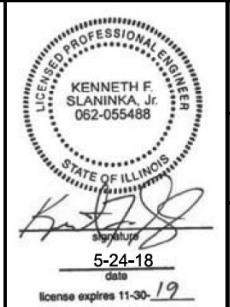
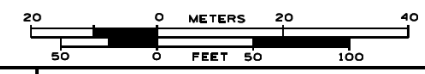
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ADDITIONAL CARDNO SUE FIELD INVESTIGATION WAS PERFORMED 3/06/17 THROUGH 3/08/17 AND SURVEYED BY CLAASSEN, WHITE & ASSOCIATES.

ADDITIONAL CARDNO SUE FIELD INVESTIGATION WAS PERFORMED 5/11/18 AND SURVEYED BY CLAASSEN, WHITE & ASSOCIATES.

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LAND SURVEYORS
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CARDNO Job No. IL09510531, 563, 647, 737, 758, 761, 764
SUE Plan Pages 5A of 12

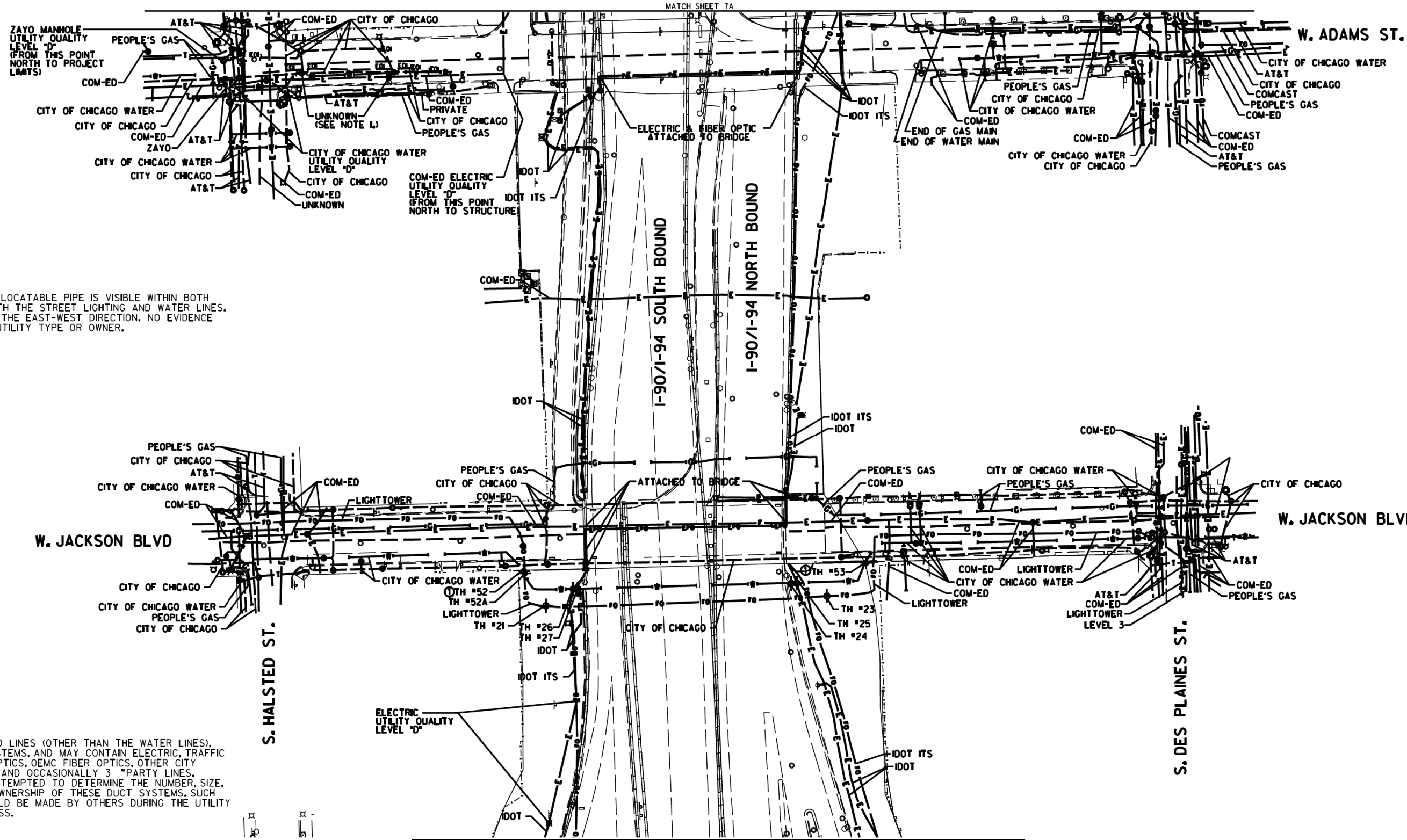
Utility Quality Level "A" : Visually Verified Test Hole	DESIGNED JP	REVISED 3/13/17
Utility Quality Level "B" : Designating/non Visually Verified Test Hole	DRAWN SRK	REVISED 5/24/14 UPDATED UTILITIES
Utility Quality Level "C" : Research with Survey	CHECKED MGR	REVISED
Utility Quality Level "D" : Records Research	DATE 12/20/16	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-941-901-290 (Circle Interchange)
Chicago, Illinois

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	Cook	1360	604
Contract No. N/A				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No. P-91-259-12				

SHEET 5 OF 14 SHEETS



NOTE 1:
AN UNKNOWN AND UNLOCATABLE PIPE IS VISIBLE WITHIN BOTH MANHOLES ALONG WITH THE STREET LIGHTING AND WATER LINES. PIPE IS ORIENTED IN THE EAST-WEST DIRECTION. NO EVIDENCE WAS AVAILABLE OF UTILITY TYPE OR OWNER.

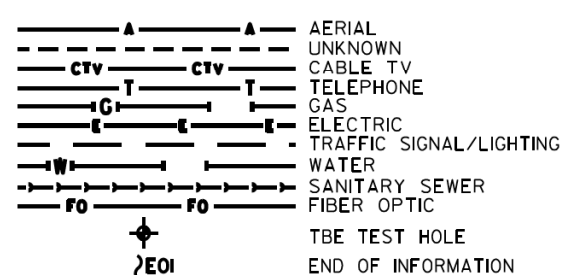
NOTE:
THE CITY OF CHICAGO LINES (OTHER THAN THE WATER LINES), ARE MULTI-DUCT SYSTEMS, AND MAY CONTAIN ELECTRIC, TRAFFIC SIGNAL, CPS FIBER OPTICS, OEMC FIBER OPTICS, OTHER CITY COMMUNICATION LINES, AND OCCASIONALLY 3 PARTY LINES. CARDNO HAS NOT ATTEMPTED TO DETERMINE THE NUMBER, SIZE, CONFIGURATION, OR OWNERSHIP OF THESE DUCT SYSTEMS. SUCH DETERMINATION SHOULD BE MADE BY OTHERS DURING THE UTILITY COORDINATION PROCESS.

MATCH SHEET 7A

I-90/1-94 SOUTH BOUND

I-90/1-94 NORTH BOUND

MATCH SHEET 3 / SEE SHEET 3A

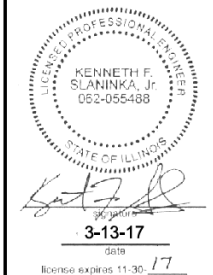
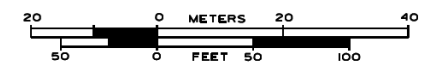


UTILITY OWNERS	
AT&T	= TELEPHONE
CITY OF CHICAGO	= ELECTRIC
CITY OF CHICAGO	= FIBER OPTIC
CITY OF CHICAGO	= WATER
COM-ED	= ELECTRIC
IDOT	= ELECTRIC
IDOT ITS	= FIBER OPTIC
LEVEL 3	= FIBER OPTIC
LIGHTTOWER	= FIBER OPTIC
PEOPLE'S GAS	= GAS
ZAYO	= FIBER OPTIC

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ADDITIONAL CARDNO SUE FIELD INVESTIGATION WAS PERFORMED 12/10/16 THROUGH 3/03/17 AND SURVEYED BY CLAASSEN, WHITE & ASSOCIATES. TEST HOLES #52-53 ADDED.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



CLAASSEN, WHITE & ASSOCIATES, P.C.
LAND SURVEYORS
21 AIRPORT DRIVE, UNIT L, JOLIET, ILLINOIS 60438
(815) 744-3720 claussewhite@cwasa.com



TBE Job No. IL0951053L, 563, 647, 737
SUE Plan Pages 7 of 12

Utility Quality Level "A": Visually Verified Test Hole	DESIGNED JP	REVISED ① 3/07/17
Utility Quality Level "B": Designating/non Visually Verified Test Hole	DRAWN SRK	REVISED
Utility Quality Level "C": Research with Survey	CHECKED MGR	REVISED
Utility Quality Level "D": Records Research	DATE 12/18/15	REVISED

DESIGNED JP	REVISED ① 3/07/17
DRAWN SRK	REVISED
CHECKED MGR	REVISED
DATE 12/18/15	REVISED

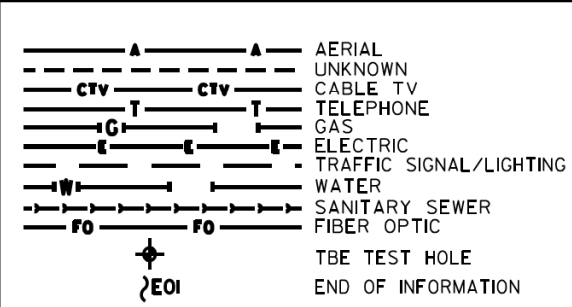
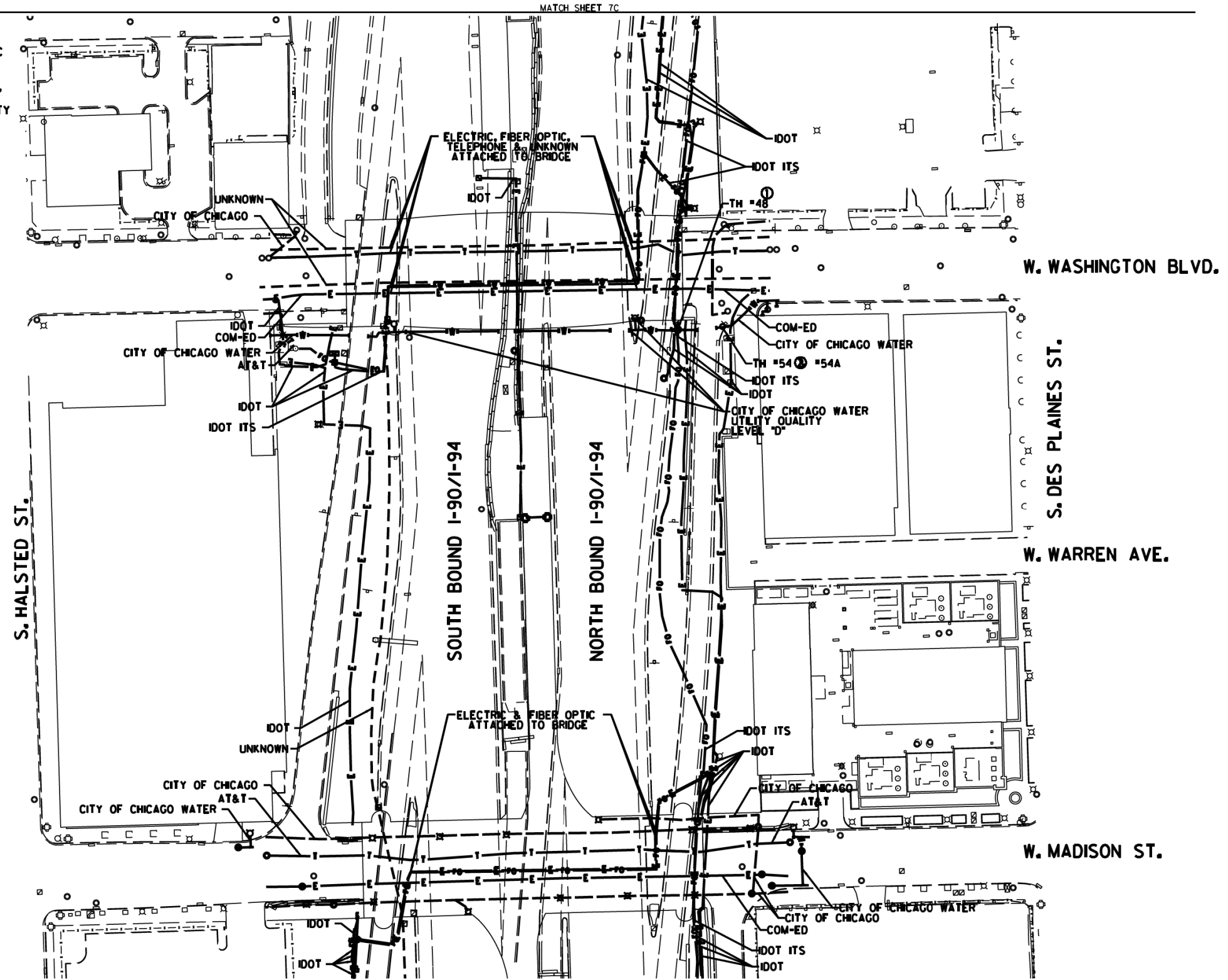
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-941-901-290 (Circle Interchange)
Chicago, Illinois

SHEET 6 OF 14 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	Cook	1360	605
Contract No. N/A				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No. P-9-259-12				

NOTE:
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 ARE MULTI-DUCT SYSTEMS, AND MAY CONTAIN ELECTRIC, TRAFFIC
 SIGNAL, CPS FIBER OPTICS, OEMC FIBER OPTICS, OTHER CITY
 COMMUNICATION LINES, AND OCCASIONALLY 3RD PARTY LINES.
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 CONFIGURATION, OR OWNERSHIP OF THESE DUCT SYSTEMS, SUCH
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ADDITIONAL CARDNO SUE FIELD INVESTIGATION WAS PERFORMED 12/10/16 THROUGH 3/03/17 AND SURVEYED BY CLAASSEN, WHITE & ASSOCIATES. TEST HOLE #54 ADDED.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-94-901-290 (Circle Interchange)
Chicago, Illinois

SHEET 8 OF 14 SHEETS

Scale: 20 METERS / 50 FEET

PROFESSIONAL SURVEYOR
 KENNETH F. SLANINKA, Jr.
 002-055488
 3-13-17
 License expires 11-30-17

Cardno TBE

CLAASSEN, WHITE & ASSOCIATES, P.C.
 LAND SURVEYORS
 121 AIRPORT DRIVE, UNIT L, JOLIET, ILLINOIS 60438
 (815) 744-3720 clausenwhitecwa.com

Dynasty Group
 Engineers & Surveyors

TBE Job No. IL0951053L 563, 647, 737
 SUE Plan Pages 78 of 12

DESIGNED	JP	REVISED	1	12/20/16
DRAWN	SRK	REVISED	2	3/07/17
CHECKED	MGR	REVISED		
DATE	12/18/15	REVISED		

F.A. RTÉ	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	Cook	1360	607
Contract No. N/A				
FED. ROAD DIST. No. ILLINOIS IDOT Project No. P-9-29-12				

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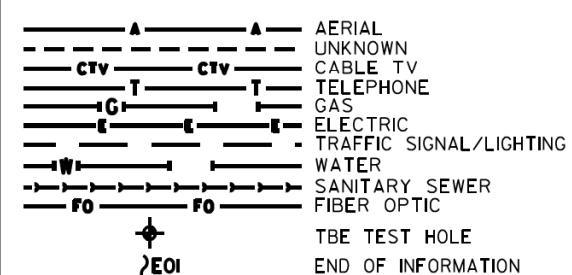
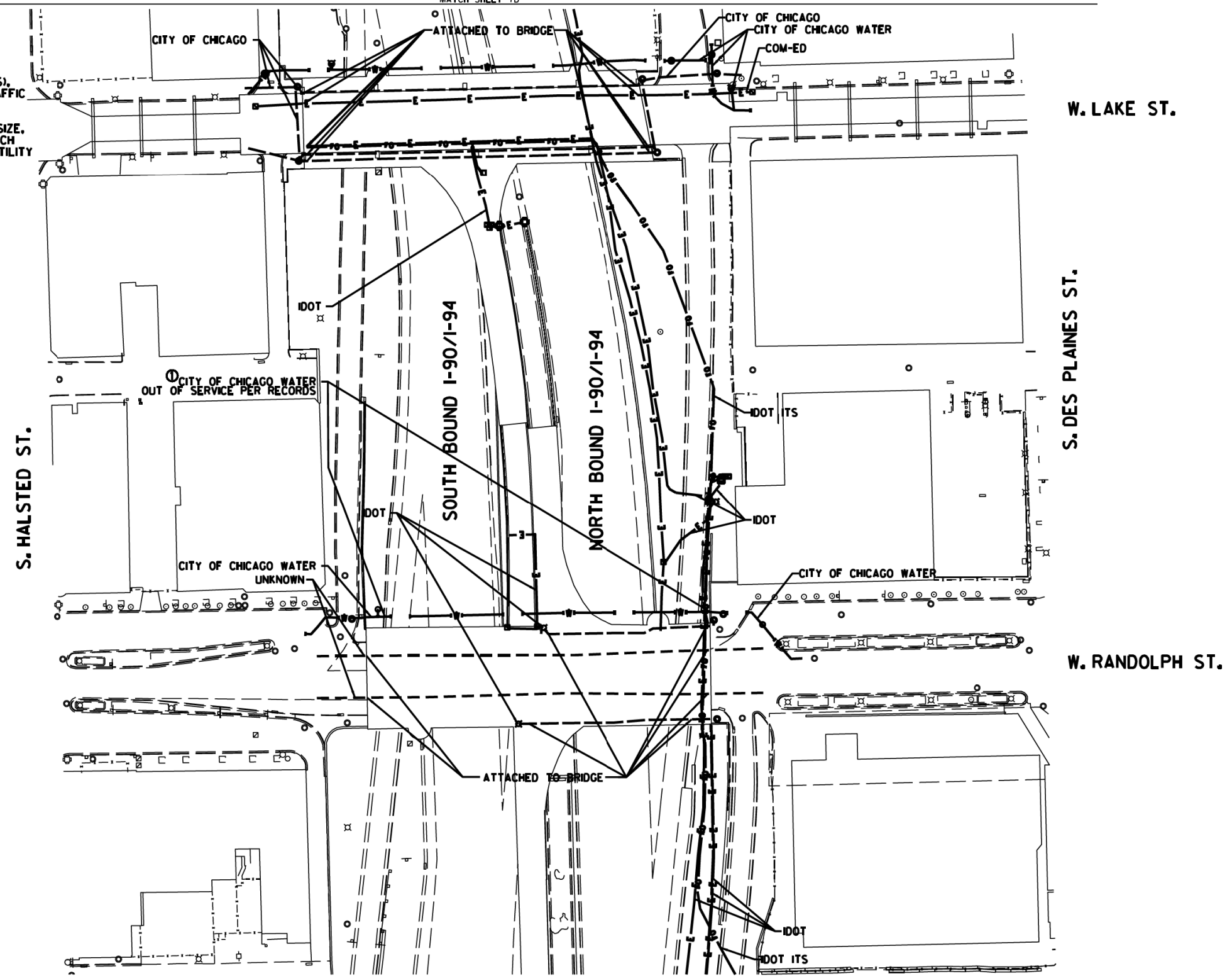
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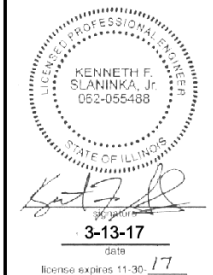
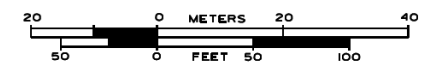


UTILITY OWNERS
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 CITY OF CHICAGO WATER = WATER
 COM-ED = ELECTRIC
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 IDOT ITS = FIBER OPTIC
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TBE Job No. IL0951053L 563, 647, 737
 SUE Plan Pages 7C of 12

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DESIGNED	JP	REVISED	12/20/16
DRAWN	SRK	REVISED	
CHECKED	MGR	REVISED	
DATE	12/18/15	REVISED	

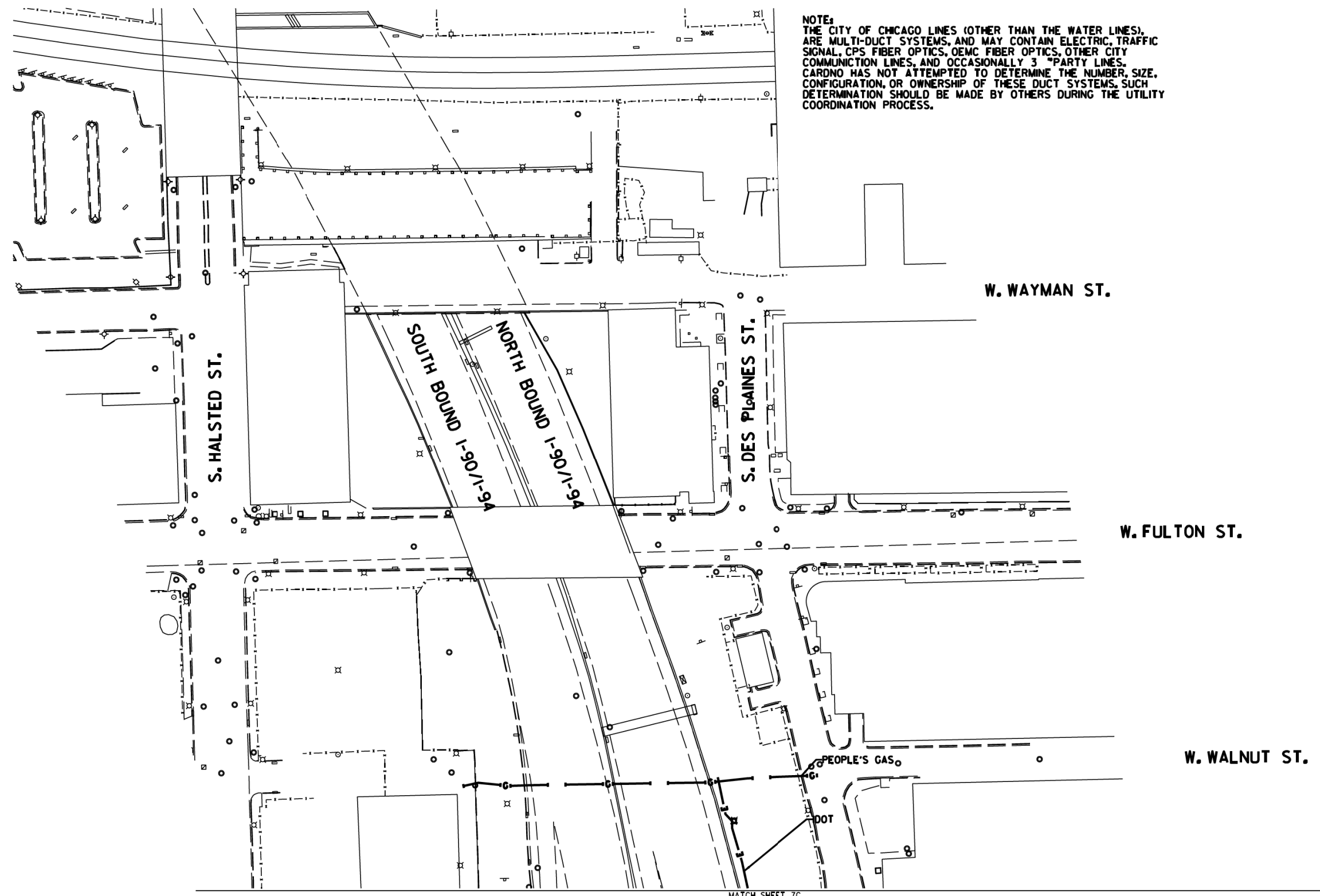
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-941-901-290 (Circle Interchange)
Chicago, Illinois

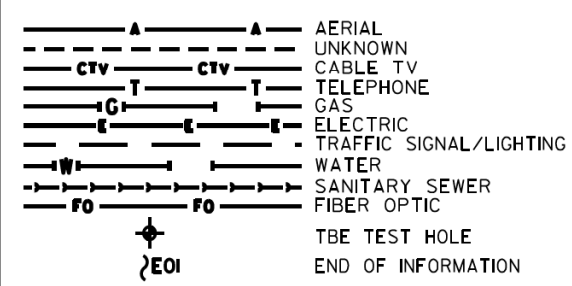
F.A. RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	Cook	1360	608
Contract No. N/A				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No. P-9-259-12				



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 ARE MULTI-DUCT SYSTEMS, AND MAY CONTAIN ELECTRIC, TRAFFIC
 SIGNAL, CPS FIBER OPTICS, OEMC FIBER OPTICS, OTHER CITY
 COMMUNICATION LINES, AND OCCASIONALLY 3RD PARTY LINES.
 CARDNO HAS NOT ATTEMPTED TO DETERMINE THE NUMBER, SIZE,
 CONFIGURATION, OR OWNERSHIP OF THESE DUCT SYSTEMS. SUCH
 DETERMINATION SHOULD BE MADE BY OTHERS DURING THE UTILITY
 COORDINATION PROCESS.



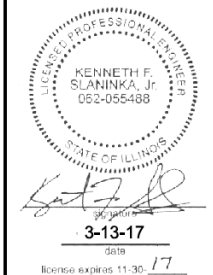
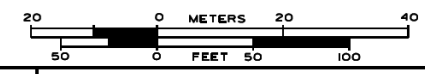
MATCH SHEET 7C



UTILITY OWNERS
 IDOT = ELECTRIC
 PEOPLE'S GAS = GAS

UTILITIES SHOWN ON THESE PLANS AS DEPICTED IN THE LEGEND HAVE BEEN INVESTIGATED BY CARDNO IN ACCORDANCE WITH SUE INDUSTRY STANDARDS. ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED TO CARDNO BY OTHERS. CARDNO SUE FIELD INVESTIGATION WAS PERFORMED 2/09/15 THROUGH 3/18/15. CHANGES TO UTILITIES MAY HAVE BEEN MADE AND THEREFORE MAY RESULT IN VARIANCES FROM THIS PLAN. CONSIDERATION SHOULD BE GIVEN TO UPDATING THIS PLAN IF DEEMED ADVISABLE PRIOR TO FINAL DESIGN AND CONSTRUCTION.

ALL UTILITIES SHOWN QUALITY LEVEL "B"
 UNLESS NOTED OTHERWISE.



CLAASSEN, WHITE & ASSOCIATES, P.C.
 LAND SURVEYORS
 121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60438
 (815) 744-3720 clausenwhitecwa.com



TBE Job No. IL0951053L 563, 647, 737
 SUE Plan Pages 70 of 12

Utility Quality Level "A": Visually Verified Test Hole
 Utility Quality Level "B": Designating/non Visually Verified Test Hole
 Utility Quality Level "C": Research with Survey
 Utility Quality Level "D": Records Research

DESIGNED	IP	REVISED
DRAWN	SRK	REVISED
CHECKED	MGR	REVISED
DATE	12/18/15	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-941-901-290 (Circle Interchange)
 Chicago, Illinois

SHEET 10 OF 14 SHEETS

F.A. RTÉ:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	Cook	1360	609
Contract No. N/A				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No. P-9-259-12				

VERIFIED UTILITY INFORMATION

TEST HOLE #	SIZE & TYPE	NORTHING	EASTING	EXISTING TOP ELEVATION	EXISTING CUT	REFERENCE ELEVATION	SUE QUALITY LEVEL	COMMENTS
1	N/A TUNNEL	1897611.31	1171790.60	573.30'	7.17'	580.47'	A	NORTH EDGE
2	N/A TUNNEL	1897605.50	1171792.00	573.36'	6.92'	580.28'	A	SOUTH EDGE
3	N/A TUNNEL	1897600.91	1171359.65	573.15'	3.86'	577.01'	A	NORTH EDGE
4	N/A TUNNEL	1897595.46	1171360.49	573.09'	3.90'	576.99'	A	SOUTH EDGE
5	N/A THRUST BLOCK	1897513.66	1171678.90	589.72'	6.56'	596.28'	A	
5A	N/A THRUST BLOCK	1897513.63	1171676.05	589.64'	7.20'	596.84'	A	
6	N/A THRUST BLOCK	1897522.75	1171594.74	589.37'	6.68'	596.05'	A	
6A	N/A THRUST BLOCK	1897524.90	1171593.77	589.37'	6.76'	596.13'	A	
6B	N/A THRUST BLOCK	1897525.17	1171595.71	589.38'	6.73'	596.11'	A	
7	N/A THRUST BLOCK	1897506.19	1171582.40	589.21'	6.36'	595.57'	A	
7A	N/A THRUST BLOCK	1897505.10	1171584.54	589.20'	6.42'	595.62'	A	
8	8" WATER	1897811.64	1169853.98	586.86'	7.31'	594.17'	A	
9	N/A THRUST BLOCK	1897812.80	1169876.49	588.42'	4.88'	593.30'	A	
10	N/A THRUST BLOCK	1897815.06	1169870.75	588.64'	5.09'	593.73'	A	
11	SEE NOTE WATER	1897813.75	1169879.18	588.06'	5.49'	593.55'	A	
11A	24"x24" ELECTRIC	1897814.13	1169877.49	591.41'	2.03'	593.44'	A	
12	16" WATER	1898158.45	1170801.96	586.95'	6.60'	593.55'	A	
13	24" GAS	1898159.98	1170811.42	590.55'	3.22'	593.77'	A	
14	16" WATER	1898098.96	1170803.32	570.59'	5.30'	575.89'	A	
15	20" GAS	1898100.29	1170814.06	569.38'	6.45'	575.83'	A	
16	N/A TUNNEL	1898000.74	1171597.17	569.79'	8.10'	577.89'	A	
17	N/A TUNNEL	1897991.35	1171521.95	572.07'	4.11'	576.18'	A	
18	N/A TUNNEL	1897921.01	1171524.66	572.02'	3.99'	576.01'	A	
19	60" SIPHON	1898449.22	1171402.46	572.68'	7.88'	580.56'	A	
20	60" SIPHON	1898448.41	1171318.35	572.62'	6.12'	578.74'	B	
21	2-(4") FIBER OPTIC	1898798.52	1171364.87	581.80'	6.04'	587.84'	A	
22	60" SIPHON	1898456.60	1171716.09	571.31'	11.07'	582.38'	A	
23	2-(4") FIBER OPTIC	1898807.90	1171637.47	574.87'	9.02'	583.89'	A	
24	SEE NOTE WATER	1898820.21	1171602.72	571.87'	4.71'	576.58'	A	
25	SEE NOTE WATER	1898820.37	1171608.33	571.65'	5.80'	577.45'	B	

NOTES

TH #1 - Found North edge of what appears to be a 6' wide wooden frame around utility tunnel. Frame has appearance of wooden railroad ties.
 TH #2 - Found South edge of what appears to be a 6' wide wooden frame around utility tunnel. Frame has appearance of wooden railroad ties.
 TH #3 - Found North edge of what appears to be a 6' wide wooden frame around utility tunnel. Frame has appearance of wooden railroad ties. Wooden frame is 5" thick.
 TH #4 - Found South edge of what appears to be a 6' wide wooden frame around utility tunnel. Frame has appearance of wooden railroad ties.
 TH #5 - Found North edge of Thrust Block.
 TH #5A - Found North edge of Thrust Block. Reference point placed on east curb of driveway.
 TH #6 - Found West edge of Thrust Block.
 TH #6A - Found a 90 degree bend on Thrust Block. Reference point placed in line with bend.
 TH #6B - Found North edge of Thrust Block.
 TH #7 - Found North edge of Thrust Block.
 TH #7A - Found North edge of Thrust Block.
 TH #9 - Found what is believed to be the southern edge of thrust block.
 TH #10 - Found what is believed to be the southern edge of thrust block. Also found a vertical concrete structure that the thrust block seemed to go around. Reference point was placed where edge of thrust block met this structure.
 TH #11 - Found the east edge of water main at the bend. Water main was directly under City of Chicago electric duct and could not verify a size. Records show that this main is a 30". Reference point was placed directly in line with the eastern edge of pipe at the center of bend.
 TH #11A - Found a 24x24 concrete electric duct while excavating for water main.
 TH #13 - Exposed fitting connecting steel gas main to cast iron gas main. (Per Joe People's Energy Inspector)
 TH #14 - Did not find bend. Water main was still on slight downward slope.
 TH #15 - Gas main was still on slight downward slope. Exposed pipe at a weld but could not determine if this was part of the bend.
 TH #16 - Exposed Northern edge of CTA Tunnel.
 TH #17 - Top of CTA Tunnel.
 TH #18 - Top of CTA Tunnel.
 TH #19 - Exposed what we believe to be the crown of the concrete pipe. Records indicate the utility size to be 60".
 TH #20 - Unable to visually verify utility due to back fill infiltrating the test hole. However, by utilizing the air lance we were able to feel what is believed to be the edges and top of the pipe. Records indicate utility to be a 60" pipe.
 TH #22 - Exposed what we believe to be the crown of the concrete pipe. Records indicate the utility to be a 60" pipe.
 TH #24 - Briefly had a visual of the utility until sand and ground water infiltrated the test hole. By utilizing the air lance we were able to feel what is believed to be the edges and top of the pipe. Records indicate the utility to be a 16" pipe.
 TH #25 - Unable to visually verify utility due to back fill infiltrating the test hole. However, by utilizing the air lance we were able to feel what is believed to be the edges and top of the pipe. Records indicate utility to be a 16" pipe.

ALL INFORMATION SHOWN WAS OBTAINED FROM A LOCATION SURVEY.



CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL PLANNING * UTILITY ENGINEERING/LOCATING

Checked By: *[Signature]*
 Date: 3/13/17

TBE Job No. 10990531, 563, 647, 737
 SHEET 103

DESIGNED EG	REVISED		
DRAWN SRK	REVISED		
CHECKED MGR	REVISED		
DATE 12/18/15	REVISED		

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-94-901-290 (Circle Interchange)
 Chicago, Illinois

SHEET NO. 11 OF 14 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	Cook	1360	610
FED. ROAD DIST. NO. ILLINOIS			Contract No. N/A Job No. P-91-259-12	

VERIFIED UTILITY INFORMATION

TEST HOLE #	SIZE & TYPE	NORTHING	EASTING	EXISTING TOP ELEVATION	EXISTING CUT	REFERENCE ELEVATION	SUE QUALITY LEVEL	COMMENTS
26	N/A WATER	1898814.654	1171391.251	572.75'	7.50'	580.25'	B	
27	N/A WATER	1898814.915	1171395.719	571.67'	7.16'	578.83'	B	
28	N/A SIPHON	1898446.146	1171286.067	572.68'	13.38'	586.06'	B	
29	N/A SIPHON	1899863.107	1171643.779	572.74'	7.90'	580.64'	B	
30	N/A SIPHON	1899845.426	1171642.747	572.90'	7.06'	579.96'	A	
31	N/A SIPHON	1899845.311	1171651.515	575.42'	6.42'	581.84'	A	
32	N/A SIPHON	1899833.821	1171355.929	576.15'	3.62'	579.77'	A	
32A	N/A SIPHON	1899861.396	1171360.162	574.89'	4.07'	579.07'	A	
32B	N/A SIPHON	1899847.605	1171358.462	575.20'	4.18'	579.38'	A	
33	N/A FIBER OPTIC	1899742.060	1171648.471	N/A	SEE NOTE	585.56'	C	
34	48" WATER	1897228.575	1171732.883	576.44'	5.14'	581.58'	A	
35	48" WATER	1897273.960	1171729.504	576.92'	4.46'	581.38'	A	
36	N/A WATER	1897385.054	1171718.156	578.38'	2.22'	580.60'	A	
37	54" WATER	1897227.364	1171462.933	576.33'	6.03'	582.36'	A	
38	N/A WATER	1897387.290	1171782.047	576.60'	5.46'	582.06'	A	
39	N/A WATER	1897275.870	1171796.286	577.47'	5.97'	583.44'	A	
40	54" WATER	1897230.523	1171576.645	578.58'	2.80'	581.38'	A	
41	N/A WATER	1897229.624	1171790.841	577.55'	6.17'	583.72'	A	
42	48" WATER	1897381.570	1171565.533	575.29'	4.43'	579.72'	A	
43	14"x14" UNKNOWN	1897377.583	1171565.776	577.49'	2.14'	579.63'	A	

NOTES

TH #26 - Unable to visually verify utility due to back fill infiltrating the test hole. However, by utilizing the air lance we were able to feel what is believed to be the edges and top of the pipe. Records indicate utility to be a 16" pipe.

TH #27 - Unable to visually verify utility due to back fill infiltrating the test hole. However, by utilizing the air lance we were able to feel what is believed to be the edges and top of the pipe. Records indicate utility to be a 16" pipe.

TH #28 - Unable to visually verify utility due to back fill and ground water infiltrating the test hole. However, by utilizing the air lance we were able to feel what is believed to be the crown of pipe. Records indicate utility to be a 60" pipe.

TH #29 - Unable to visually verify utility due to sand and ground water infiltrating the test hole. However, by utilizing the air lance we were able to feel what is believed to be the crown of pipe. Records indicate utility to be a 60" pipe.

TH #30 - Exposed what we believe to be the crown of the concrete pipe. Records indicate the utility to be a 108" pipe.

TH #31 - Exposed what we believe to be the crown of the concrete pipe. Records indicate the utility to be a 108" pipe. Found what we believe to be the Siphon Outlet Chamber.

TH #32 - Found a flat formed concrete structure. Reference point placed in line with southern edge of concrete structure.

TH #32A - Found a flat formed concrete structure. Reference point placed in line with Northern edge of concrete structure.

TH #32B - Found a flat formed concrete structure. Reference point placed in line with center of concrete structure.

TH #33 - Were only able to excavate to a depth of 10' and did not find utility. Electronic depths indicate utility to 27' +/- deep.

TH #35 - Depth taken from top of pipe joint.

TH #38 - Were only able to see the top crown of pipe. Records indicate pipe size to be 36".

TH #39 - Were only able to see the top crown of pipe. Records indicate pipe size to be 48".

TH #40 - Pipe appears to be on a slight upward angle towards the retaining wall.

TH #41 - Were only able to see the top crown of pipe. Records indicate pipe size to be 48".

TH #42 - Depth taken from top of pipe joint.

TH #43 - Found unknown concrete 14"x14" structure that appears to be a duct.

ALL INFORMATION SHOWN WAS OBTAINED FROM A LOCATION SURVEY.



CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
PLANNING * UTILITY ENGINEERING/LOCATING

Checked By: *[Signature]* TBE Job No. 180950531 563, 647, 737
Date: 3/13/17 SHEET 2 OF 3

DESIGNED EG	REVISED		
DRAWN SRK	REVISED		
CHECKED MCR	REVISED		
DATE 12/18/15	REVISED		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-941-904-290 (Circle Interchange)
Chicago, Illinois

SHEET NO. 12 OF 14 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	Cook	1360	611
FED. ROAD DIST. NO. ILLINOIS			Contract No. N/A	
			Job No. P-91-259-12	

PAVEMENT MARKING SCHEDULE

PMK SHEET	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - INLAID - LETTERS AND SYMBOLS	PAVEMENT MARKING REMOVAL - WATER BLASTING	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 4"	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 5"	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 7"	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 8"	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 11"	GROOVING FOR RECESSED PAVEMENT MARKING 8"	GROOVING FOR RECESSED PAVEMENT MARKING 12"	GROOVING FOR RECESSED PAVEMENT MARKING 6"	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	GROOVING FOR RECESSED PAVEMENT MARKING 9"	RAISED REFLECTIVE PAVEMENT MARKER	REPLACEMENT REFLECTOR	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL
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3	2032	1547	59	0	0	0	110	0	0	941	0	311	0	0	0	941	303	311	199	0	129	0
4	3466	4327	200	289	404	15	255	0	219	946	25	252	0	25	0	946	707	252	146	0	138	0
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12	0	0	0	476	475	0	110	936	0	0	0	193	238	0	238	0	303	193	47	0	0	0
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 DATE - 3/4/2020

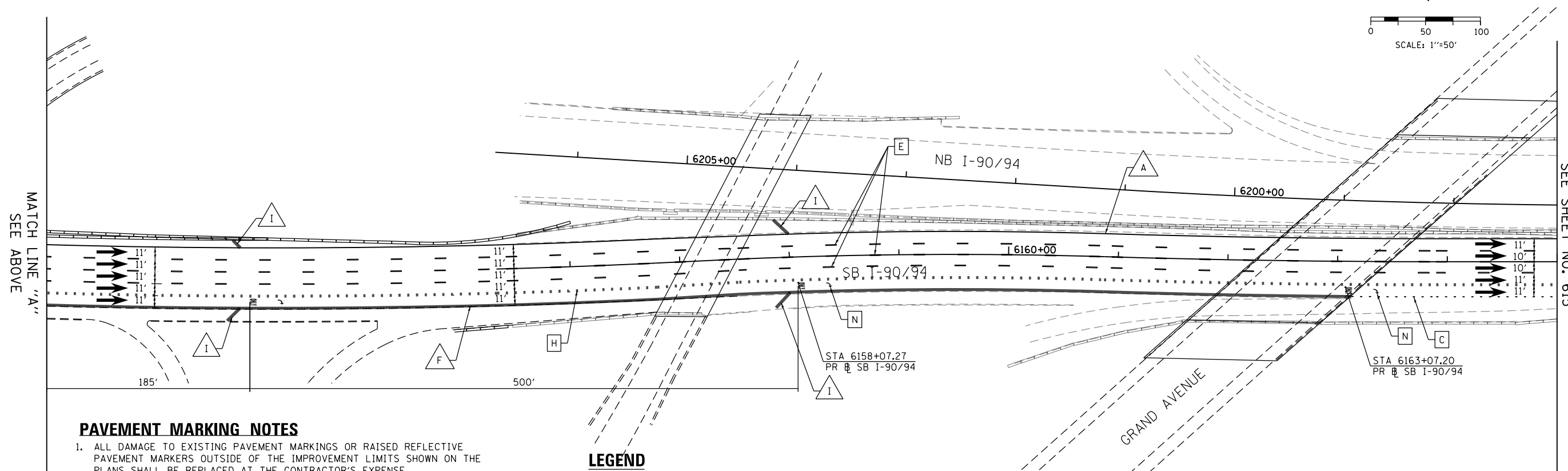
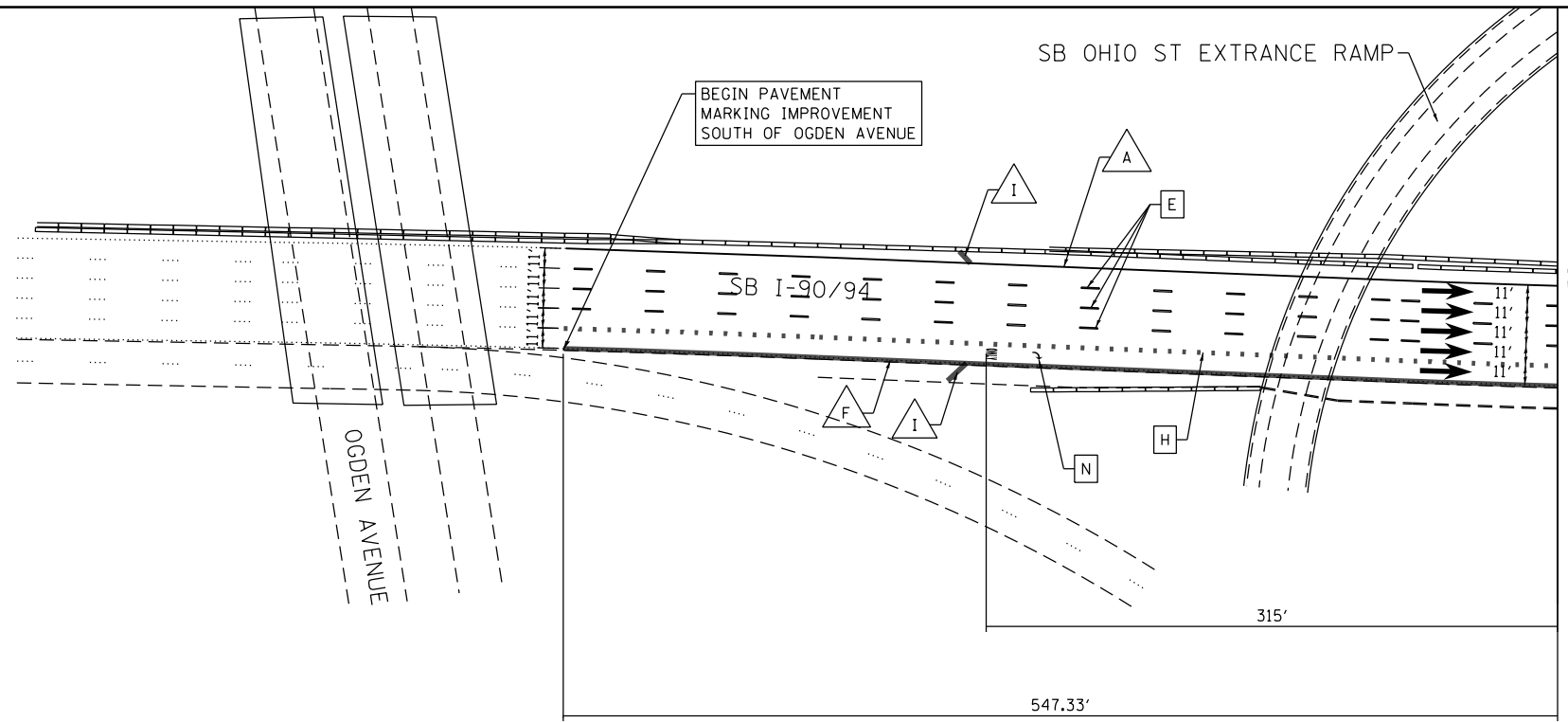
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SCHEDULE

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1360	614
CONTRACT NO. 62A77			ILLINOIS FED. AID PROJECT	



PAVEMENT MARKING NOTES

1. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE OF THE IMPROVEMENT LIMITS SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
2. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RECORD AND RETAIN ALL EXISTING PAVEMENT MARKINGS AND MARKERS FOR FUTURE REFERENCE. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE DIRECTED BY THE ENGINEER.
3. THE RESIDENT ENGINEER SHALL CONTACT EXPRESSWAY TRAFFIC CONTROL SUPERVISOR AT 847-705-4155 AND ARTERIAL TRAFFIC CONTROL SUPERVISOR AT 847-705-4470 A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
4. STATIONS PROVIDED REFER TO PR # SB I-90/94 UNLESS OTHERWISE NOTED.

LEGEND

PAVEMENT MARKING MATERIAL

- ◇ THERMOPLASTIC PAVEMENT MARKING
- PREFORMED PLASTIC PAVEMENT MARKING, TYPE D AND GROOVING FOR RECESSED PAVEMENT MARKING
- △ MODIFIED URETHANE PAVEMENT MARKING

PAVEMENT MARKING TYPE

- A - 4" YELLOW EDGE LINE
- B - 4" WHITE EDGE LINE
- C - 7" CONTRAST LANE LINE (2' DASH, 6' SKIP) AND GROOVING FOR RECESSED PAVEMENT MARKING 8"
- D - 8" WHITE DOTTED LINE (3' DASH, 9' SKIP) AND GROOVING FOR RECESSED PAVEMENT MARKING 9"
- E - 8" CONTRAST WHITE LANE LINE (10' DASH, 30' SKIP) AND GROOVING FOR RECESSED PAVEMENT MARKING 9"
- F - 8" WHITE EDGE LINE
- G - 5" WHITE LANE LINE (10' DASH, 30' SKIP) AND GROOVING FOR RECESSED PAVEMENT MARKING 6"
- H - 11" CONTRAST LANE LINE (3' DASH, 9' SKIP) AND GROOVING FOR RECESSED PAVEMENT MARKING 12"
- I - 12" (RT WHITE, LT YELLOW) DIAGONALS SPACED @ 500' CENTERS
- J - 12" WHITE 45° CHEVRONS SPACED @ 30' CENTERS
- K - 24" WHITE CROSSWALK, 6' WIDTH, SPACED @ 4' CENTERS
- L - 4" WHITE LANE LINE (2' DASH, 6' SKIP)
- M - RAISED REFLECTIVE PAVEMENT MARKER (1-WAY CRYSTAL/OPAQUE)
- N - WHITE LETTERS AND SYMBOLS

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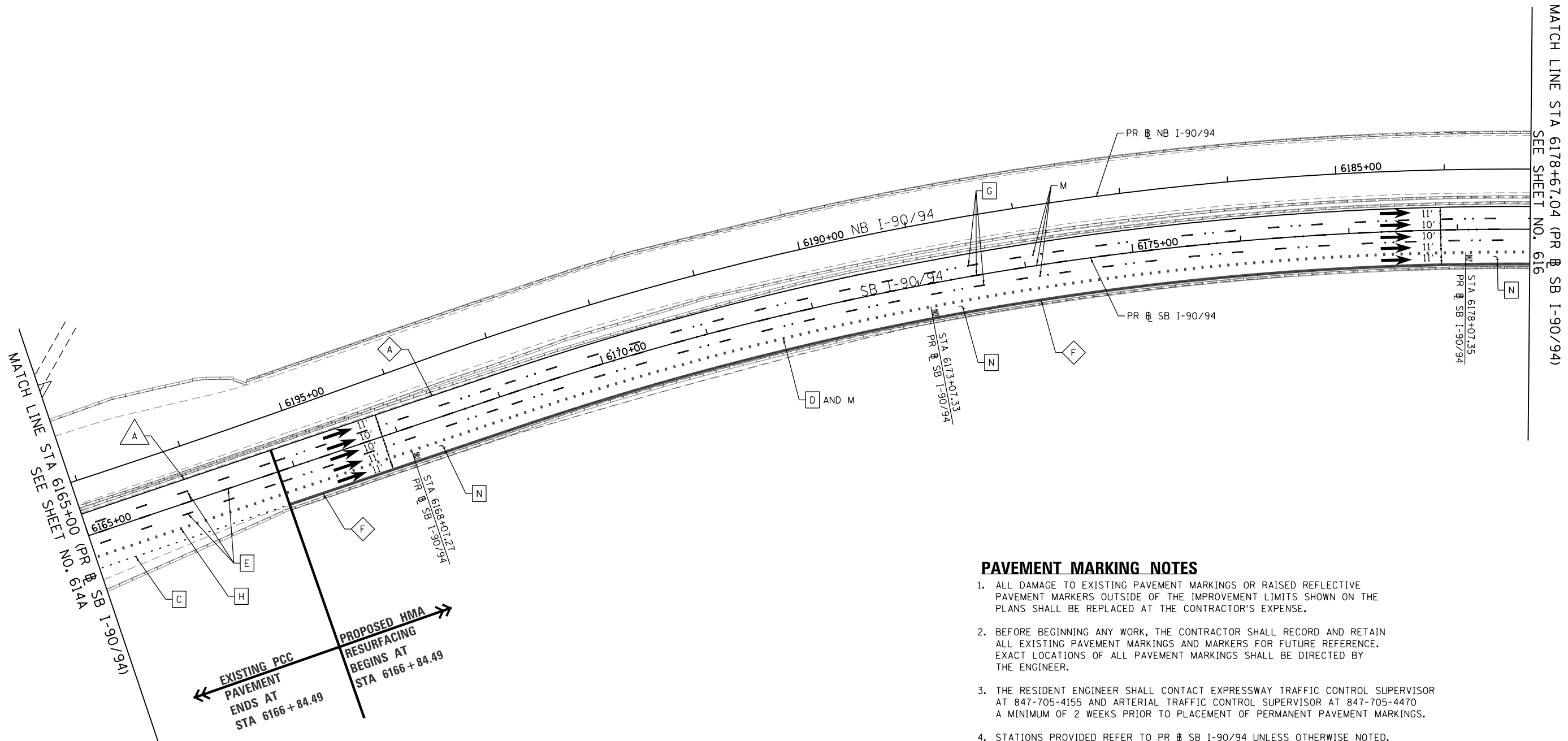
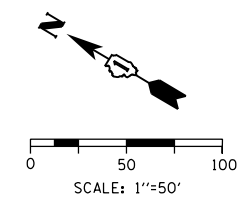
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PLOT DATE = 3/4/2020	DATE - 3/4/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
SB I-90/94**

SCALE: 1"=50' SHEET 1 OF 14 SHEETS STA. TO STA. 6165+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	614A
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING NOTES

1. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE OF THE IMPROVEMENT LIMITS SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
2. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RECORD AND RETAIN ALL EXISTING PAVEMENT MARKINGS AND MARKERS FOR FUTURE REFERENCE. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE DIRECTED BY THE ENGINEER.
3. THE RESIDENT ENGINEER SHALL CONTACT EXPRESSWAY TRAFFIC CONTROL SUPERVISOR AT 847-705-4155 AND ARTERIAL TRAFFIC CONTROL SUPERVISOR AT 847-705-4470 A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
4. STATIONS PROVIDED REFER TO PR SB I-90/94 UNLESS OTHERWISE NOTED.

LEGEND

PAVEMENT MARKING MATERIAL

- ◊ THERMOPLASTIC PAVEMENT MARKING
- PREFORMED PLASTIC PAVEMENT MARKING, TYPE D AND GROOVING FOR RECESSED PAVEMENT MARKING
- △ MODIFIED URETHANE PAVEMENT MARKING

PAVEMENT MARKING TYPE

- A - 4" YELLOW EDGE LINE
- B - 4" WHITE EDGE LINE
- C - 7" CONTRAST LANE LINE (2' DASH, 6' SKIP) AND GROOVING FOR RECESSED PAVEMENT MARKING 8"
- D - 8" WHITE DOTTED LINE (3' DASH, 9' SKIP) AND GROOVING FOR RECESSED PAVEMENT MARKING 9"
- E - 8" CONTRAST WHITE LANE LINE (10' DASH, 30' SKIP) AND GROOVING FOR RECESSED PAVEMENT MARKING 9"
- F - 8" WHITE EDGE LINE
- G - 5" WHITE LANE LINE (10' DASH, 30' SKIP) AND GROOVING FOR RECESSED PAVEMENT MARKING 6"
- H - 11" CONTRAST LANE LINE (3' DASH, 9' SKIP) AND GROOVING FOR RECESSED PAVEMENT MARKING 12"
- I - 12" (RT WHITE, LT YELLOW) DIAGONALS SPACED @ 500' CENTERS
- J - 12" WHITE 45° CHEVRONS SPACED @ 30' CENTERS
- K - 24" WHITE CROSSWALK, 6' WIDTH, SPACED @ 4' CENTERS
- L - 4" WHITE LANE LINE (2' DASH, 6' SKIP)
- M - RAISED REFLECTIVE PAVEMENT MARKER (1-WAY CRYSTAL/OPAQUE)
- N - WHITE LETTERS AND SYMBOLS

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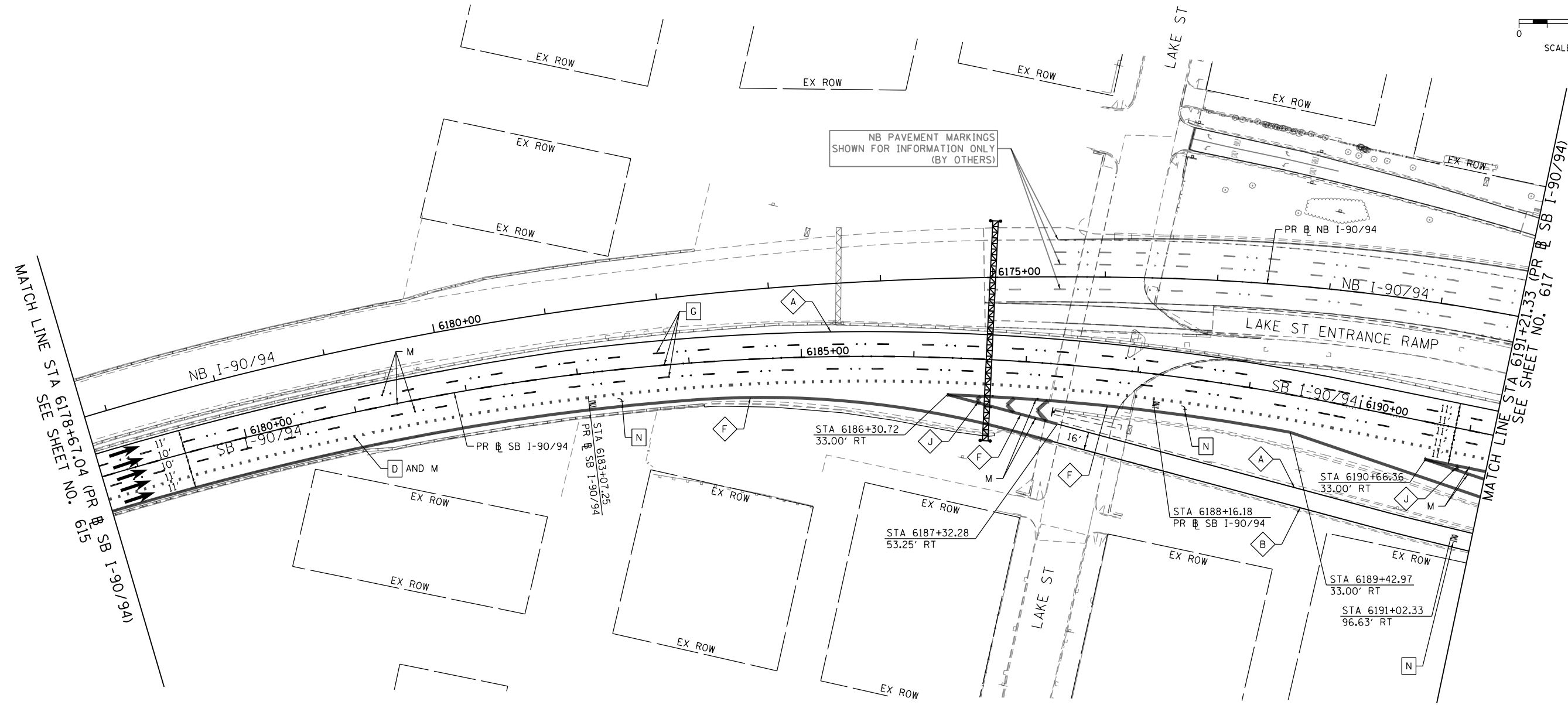
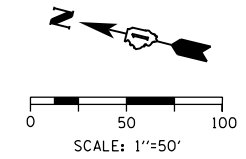
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
SB I-90/94**

SCALE: 1"=50' SHEET 2 OF 14 SHEETS STA. 6165+00.00 TO STA. 6178+67.04

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	615
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING NOTES

1. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE OF THE IMPROVEMENT LIMITS SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
2. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RECORD AND RETAIN ALL EXISTING PAVEMENT MARKINGS AND MARKERS FOR FUTURE REFERENCE. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE DIRECTED BY THE ENGINEER.
3. THE RESIDENT ENGINEER SHALL CONTACT EXPRESSWAY TRAFFIC CONTROL SUPERVISOR AT 847-705-4155 AND ARTERIAL TRAFFIC CONTROL SUPERVISOR AT 847-705-4470 A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
4. STATIONS PROVIDED REFER TO PR SB I-90/94 UNLESS OTHERWISE NOTED.

LEGEND

PAVEMENT MARKING MATERIAL

- ◊ THERMOPLASTIC PAVEMENT MARKING
- PREFORMED PLASTIC PAVEMENT MARKING, TYPE D AND GROOVING FOR RECESSED PAVEMENT MARKING
- △ MODIFIED URETHANE PAVEMENT MARKING

PAVEMENT MARKING TYPE

- A - 4" YELLOW EDGE LINE
- B - 4" WHITE EDGE LINE
- C - 7" CONTRAST LANE LINE (2' DASH, 6' SKIP) AND GROOVING FOR RECESSED PAVEMENT MARKING 8"
- D - 8" WHITE DOTTED LINE (3' DASH, 9' SKIP) AND GROOVING FOR RECESSED PAVEMENT MARKING 9"
- E - 8" CONTRAST WHITE LANE LINE (10' DASH, 30' SKIP) AND GROOVING FOR RECESSED PAVEMENT MARKING 9"
- F - 8" WHITE EDGE LINE
- G - 5" WHITE LANE LINE (10' DASH, 30' SKIP) AND GROOVING FOR RECESSED PAVEMENT MARKING 6"
- H - 11" CONTRAST LANE LINE (3' DASH, 9' SKIP) AND GROOVING FOR RECESSED PAVEMENT MARKING 12"
- I - 12" (RT WHITE, LT YELLOW) DIAGONALS SPACED @ 500' CENTERS
- J - 12" WHITE 45° CHEVRONS SPACED @ 30' CENTERS
- K - 24" WHITE CROSSWALK, 6' WIDTH, SPACED @ 4' CENTERS
- L - 4" WHITE LANE LINE (2' DASH, 6' SKIP)
- M - RAISED REFLECTIVE PAVEMENT MARKER (1-WAY CRYSTAL/OPAQUE)
- N - WHITE LETTERS AND SYMBOLS

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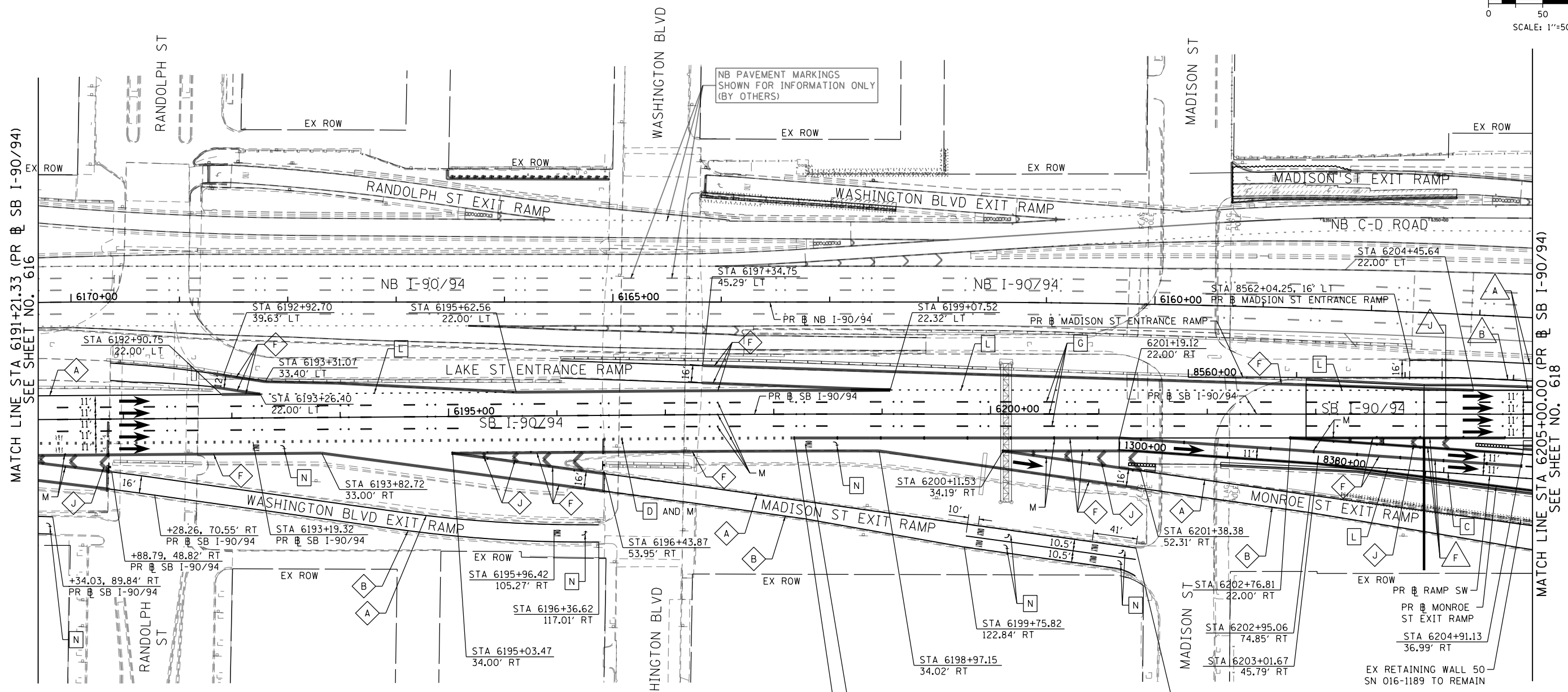
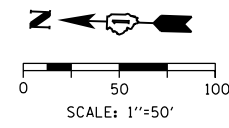


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN	
SB I-90/94	
SCALE: 1"=50'	SHEET 3 OF 14 SHEETS
STA. 6178+67.04 TO STA. 6191+21.33	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	616
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA 6191+21.33 (PR & SB I-90/94) SEE SHEET NO. 616

MATCH LINE STA 6205+00.00 (PR & SB I-90/94) SEE SHEET NO. 618

PAVEMENT MARKING NOTES

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3. THE RESIDENT ENGINEER SHALL CONTACT EXPRESSWAY TRAFFIC CONTROL SUPERVISOR AT 847-705-4155 AND ARTERIAL TRAFFIC CONTROL SUPERVISOR AT 847-705-4470 A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
4. STATIONS PROVIDED REFER TO PR & SB I-90/94 UNLESS OTHERWISE NOTED.

RESURFACING (HMA)	RECONSTRUCTION (PCC)
STA 6202 + 91.11	STA 6204 + 00.00
TO	TO
STA 6204 + 00.00	STA 6256 + 00.00

LEGEND

PAVEMENT MARKING MATERIAL

- ◊ THERMOPLASTIC PAVEMENT MARKING
- PREFORMED PLASTIC PAVEMENT MARKING, TYPE D AND GROOVING FOR RECESSED PAVEMENT MARKING
- △ MODIFIED URETHANE PAVEMENT MARKING

PAVEMENT MARKING TYPE

- A - 4" YELLOW EDGE LINE
- B - 4" WHITE EDGE LINE
- C - 7" CONTRAST LANE LINE (2' DASH, 6' SKIP) AND GROOVING FOR RECESSED PAVEMENT MARKING 8"
- D - 8" WHITE DOTTED LINE (3' DASH, 9' SKIP) AND GROOVING FOR RECESSED PAVEMENT MARKING 9"
- E - 8" CONTRAST WHITE LANE LINE (10' DASH, 30' SKIP) AND GROOVING FOR RECESSED PAVEMENT MARKING 9"
- F - 8" WHITE EDGE LINE
- G - 5" WHITE LANE LINE (10' DASH, 30' SKIP) AND GROOVING FOR RECESSED PAVEMENT MARKING 6"
- H - 11" CONTRAST LANE LINE (3' DASH, 9' SKIP) AND GROOVING FOR RECESSED PAVEMENT MARKING 12"
- I - 12" (RT WHITE, LT YELLOW) DIAGONALS SPACED @ 50' CENTERS
- J - 12" WHITE 45° CHEVRONS SPACED @ 30' CENTERS
- K - 24" WHITE CROSSWALK, 6' WIDTH, SPACED @ 4' CENTERS
- L - 4" WHITE LANE LINE (2' DASH, 6' SKIP)
- M - RAISED REFLECTIVE PAVEMENT MARKER (1-WAY CRYSTAL/OPAQUE)
- N - WHITE LETTERS AND SYMBOLS



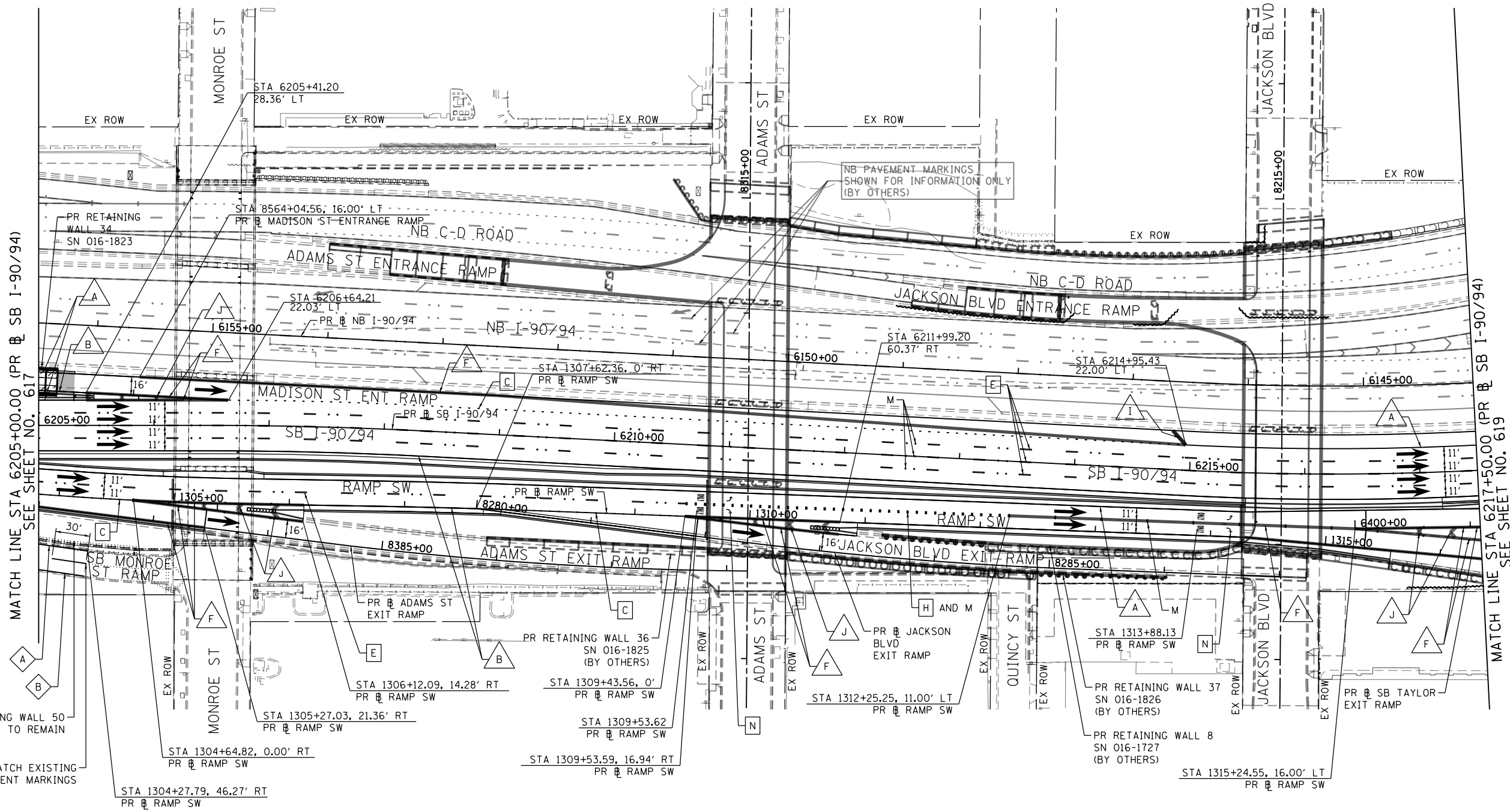
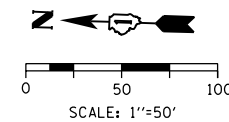
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
SB I-90/94**

SCALE: 1"=50' SHEET 4 OF 14 SHEETS STA. 6191+21.33 TO STA. 6205+00.00

F.A.I. RTE. 90/94/290	SECTION 2015-018R	COUNTY COOK	TOTAL SHEETS 1360	SHEET NO. 617
ILLINOIS FED. AID PROJECT				CONTRACT NO. 62A77



PAVEMENT MARKING NOTES

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4. STATIONS PROVIDED REFER TO PR SB I-90/94 UNLESS OTHERWISE NOTED.

LEGEND

PAVEMENT MARKING MATERIAL

- ◊ THERMOPLASTIC PAVEMENT MARKING
- PREFORMED PLASTIC PAVEMENT MARKING, TYPE D AND GROOVING FOR RECESSED PAVEMENT MARKING
- △ MODIFIED URETHANE PAVEMENT MARKING

PAVEMENT MARKING TYPE

- A - 4" YELLOW EDGE LINE
- B - 4" WHITE EDGE LINE
- C - 7" CONTRAST LANE LINE (2' DASH, 6' SKIP) AND GROOVING FOR RECESSED PAVEMENT MARKING 8"
- D - 8" WHITE DOTTED LINE (3' DASH, 9' SKIP) AND GROOVING FOR RECESSED PAVEMENT MARKING 9"
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- F - 8" WHITE EDGE LINE
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- I - 12" (RT WHITE, LT YELLOW) DIAGONALS SPACED @ 500' CENTERS
- J - 12" WHITE 45° CHEVRONS SPACED @ 30' CENTERS
- K - 24" WHITE CROSSWALK, 6' WIDTH, SPACED @ 4' CENTERS
- L - 4" WHITE LANE LINE (2' DASH, 6' SKIP)
- M - RAISED REFLECTIVE PAVEMENT MARKER (1-WAY CRYSTAL/OPAQUE)
- N - WHITE LETTERS AND SYMBOLS

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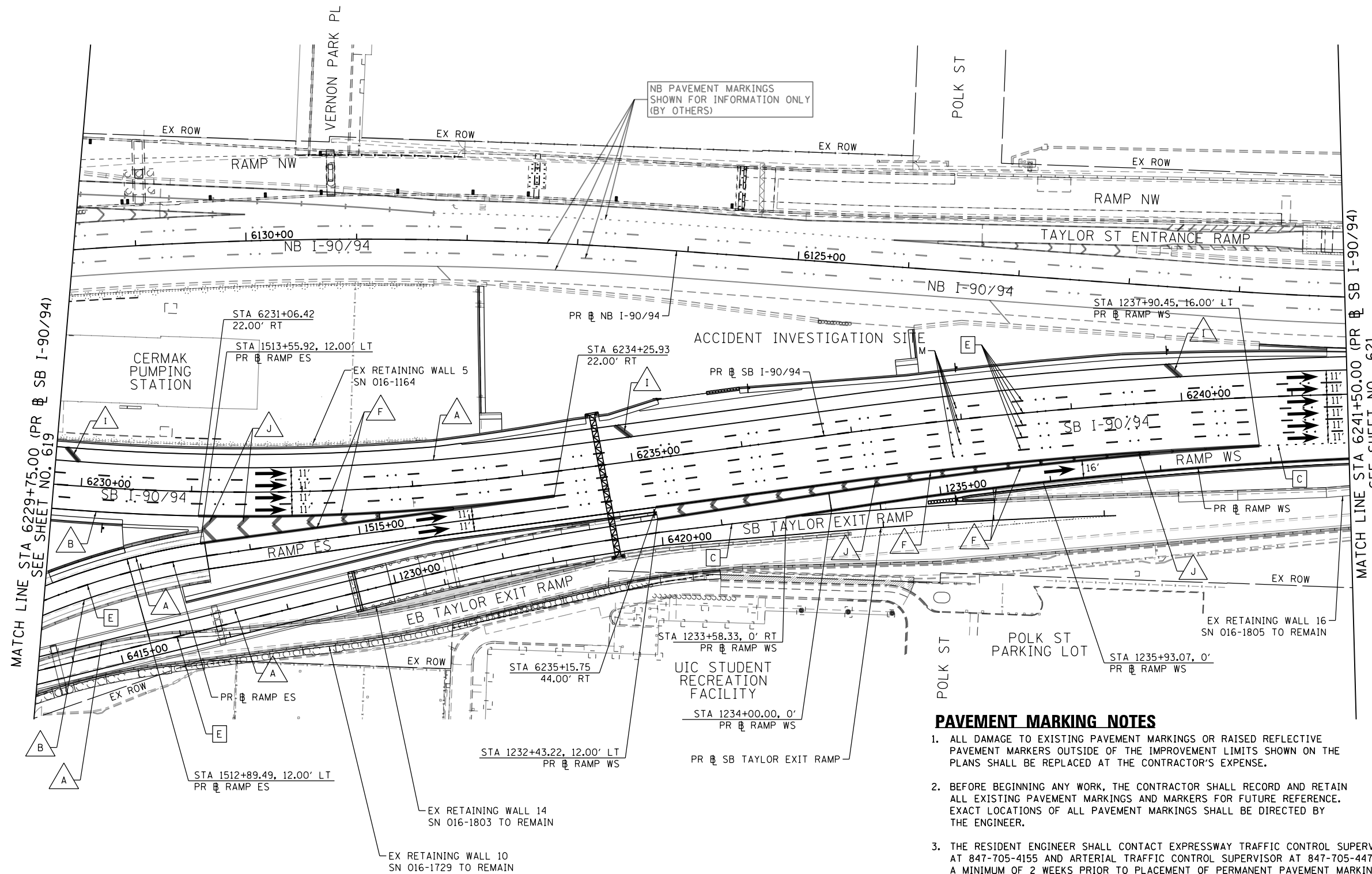
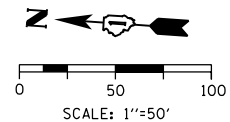
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
SB I-90/94

SCALE: 1"=50' SHEET 5 OF 14 SHEETS STA. 6205+00(SB) TO STA. 6217+50(SB)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	618
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING NOTES

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4. STATIONS PROVIDED REFER TO PR SB I-90/94 UNLESS OTHERWISE NOTED.

LEGEND

PAVEMENT MARKING MATERIAL

- ◇ THERMOPLASTIC PAVEMENT MARKING
- PREFORMED PLASTIC PAVEMENT MARKING, TYPE D AND GROOVING FOR RECESSED PAVEMENT MARKING
- △ MODIFIED URETHANE PAVEMENT MARKING

PAVEMENT MARKING TYPE

- A - 4" YELLOW EDGE LINE
- B - 4" WHITE EDGE LINE
- C - 7" CONTRAST LANE LINE (2' DASH, 6' SKIP) AND GROOVING FOR RECESSED PAVEMENT MARKING 8"
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- F - 8" WHITE EDGE LINE
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- L - 4" WHITE LANE LINE (2' DASH, 6' SKIP)
- M - RAISED REFLECTIVE PAVEMENT MARKER (1-WAY CRYSTAL/OPAQUE)
- N - WHITE LETTERS AND SYMBOLS

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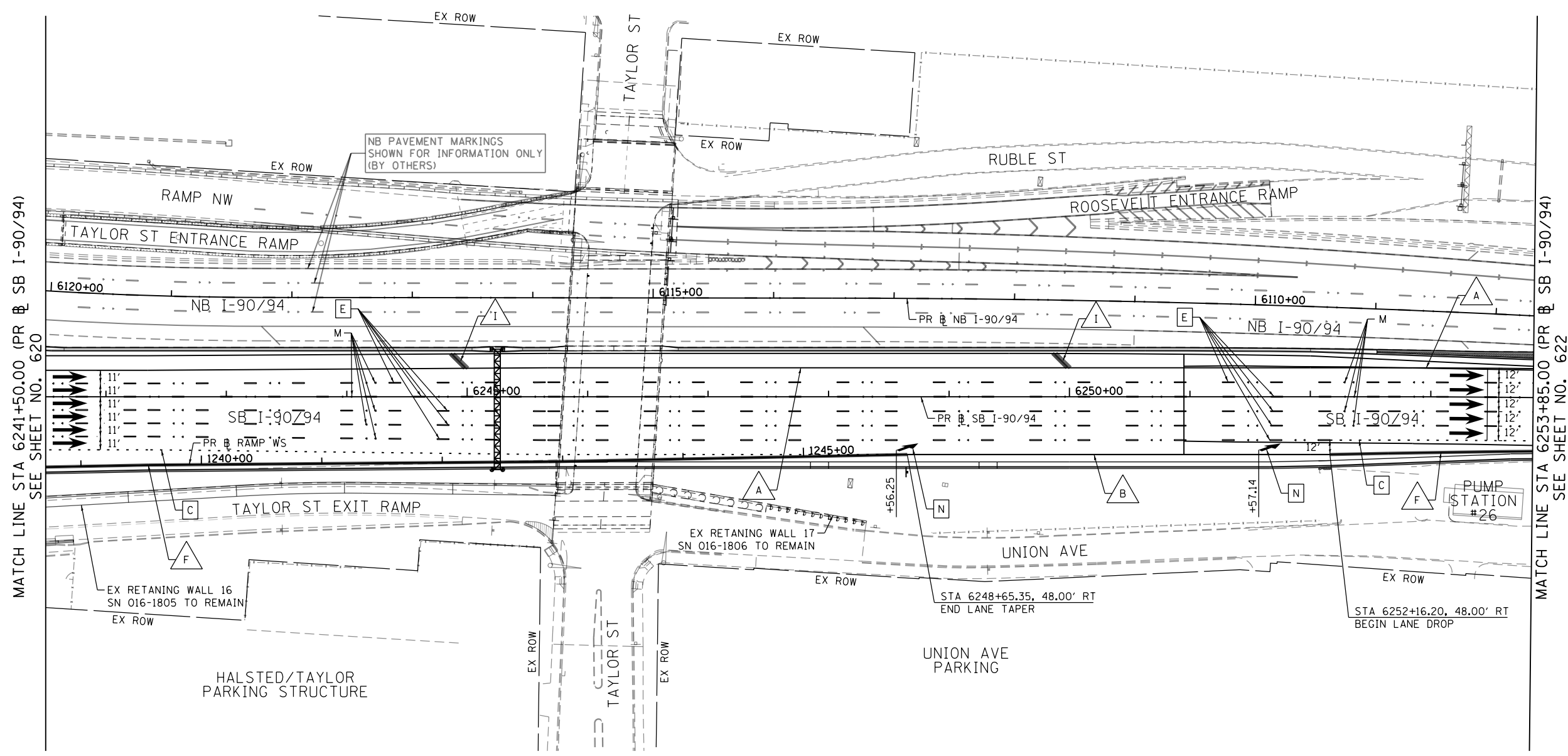
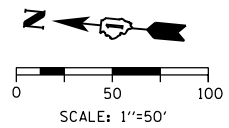
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
SB I-90/94
 SCALE: 1"=50' SHEET 7 OF 14 SHEETS STA. 6229+75(SB) TO STA. 6241+50(SB)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	620
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING NOTES

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4. STATIONS PROVIDED REFER TO PR SB I-90/94 UNLESS OTHERWISE NOTED.

LEGEND

PAVEMENT MARKING MATERIAL

- ◊ THERMOPLASTIC PAVEMENT MARKING
- ◻ PREFORMED PLASTIC PAVEMENT MARKING, TYPE D AND GROOVING FOR RECESSED PAVEMENT MARKING
- △ MODIFIED URETHANE PAVEMENT MARKING

PAVEMENT MARKING TYPE

- A - 4" YELLOW EDGE LINE
- B - 4" WHITE EDGE LINE
- C - 7" CONTRAST LANE LINE (2' DASH, 6' SKIP) AND GROOVING FOR RECESSED PAVEMENT MARKING 8"
- D - 8" WHITE DOTTED LINE (3' DASH, 9' SKIP) AND GROOVING FOR RECESSED PAVEMENT MARKING 9"
- E - 8" CONTRAST WHITE LANE LINE (10' DASH, 30' SKIP) AND GROOVING FOR RECESSED PAVEMENT MARKING 9"
- F - 8" WHITE EDGE LINE
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- J - 12" WHITE 45° CHEVRONS SPACED @ 30' CENTERS
- K - 24" WHITE CROSSWALK, 6' WIDTH, SPACED @ 4' CENTERS
- L - 4" WHITE LANE LINE (2' DASH, 6' SKIP)
- M - RAISED REFLECTIVE PAVEMENT MARKER (1-WAY CRYSTAL/OPAQUE)
- N - WHITE LETTERS AND SYMBOLS

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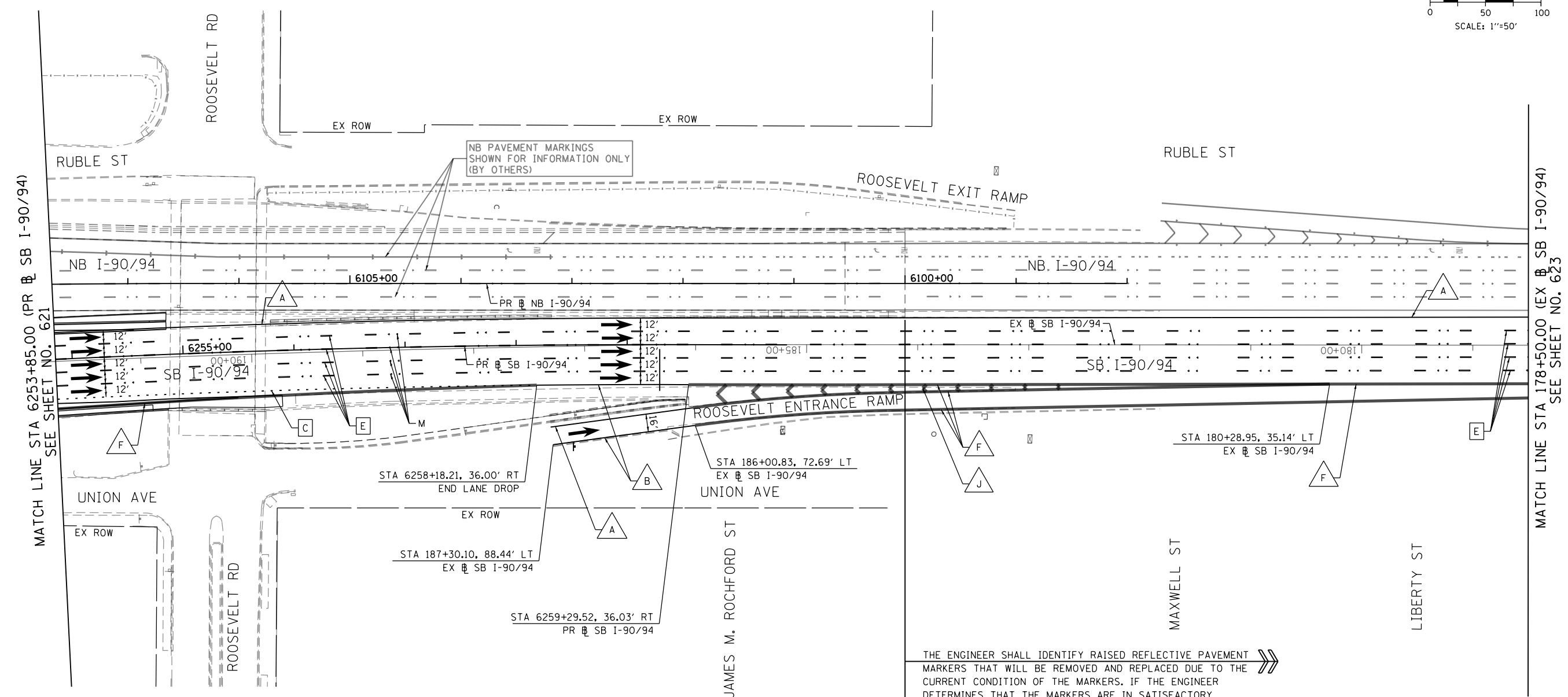
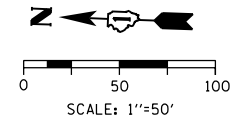
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
 SB I-90/94**

SCALE: 1"=50' SHEET 8 OF 14 SHEETS STA. 6241+50(SB) TO STA. 6253+85(SB)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	621
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING NOTES

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4. STATIONS PROVIDED REFER TO PR SB I-90/94 UNLESS OTHERWISE NOTED.

LEGEND

PAVEMENT MARKING MATERIAL

- ◊ THERMOPLASTIC PAVEMENT MARKING
- PREFORMED PLASTIC PAVEMENT MARKING, TYPE D AND GROOVING FOR RECESSED PAVEMENT MARKING
- △ MODIFIED URETHANE PAVEMENT MARKING

PAVEMENT MARKING TYPE

- A - 4" YELLOW EDGE LINE
- B - 4" WHITE EDGE LINE
- C - 7" CONTRAST LANE LINE (2' DASH, 6' SKIP) AND GROOVING FOR RECESSED PAVEMENT MARKING 8"
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- M - RAISED REFLECTIVE PAVEMENT MARKER (1-WAY CRYSTAL/OPAQUE)
- N - WHITE LETTERS AND SYMBOLS

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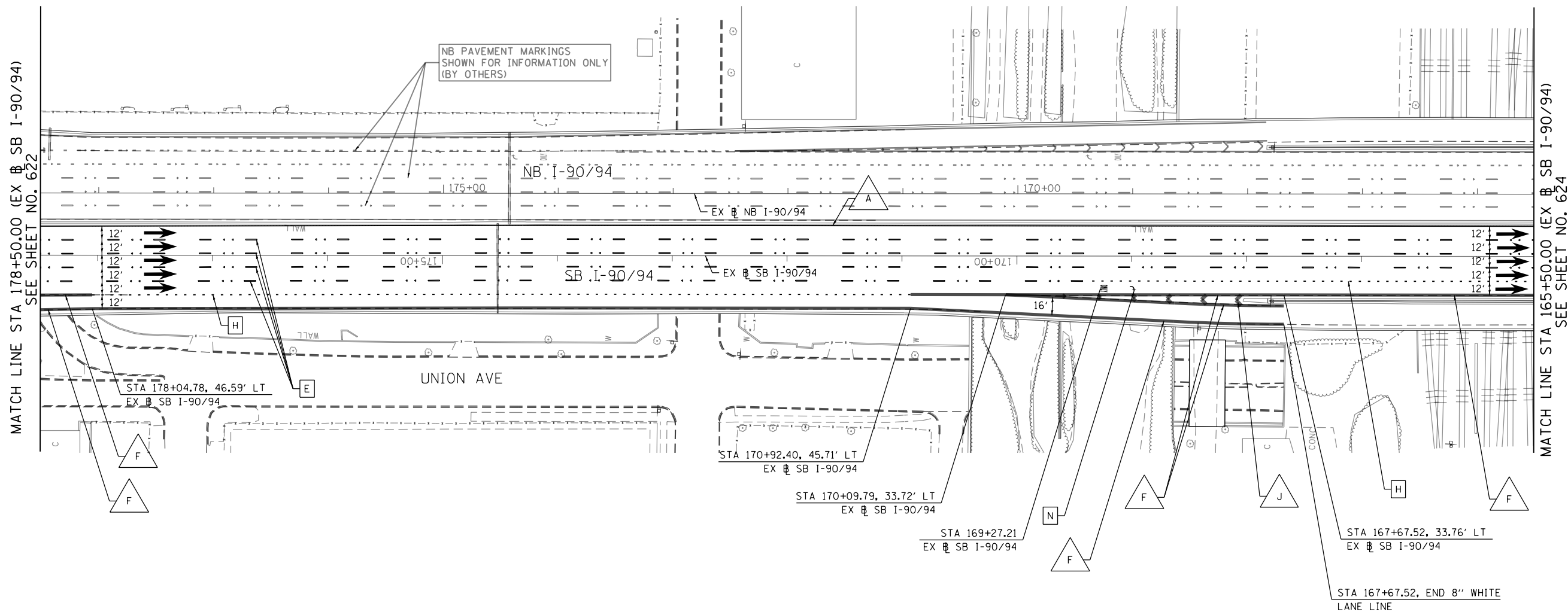
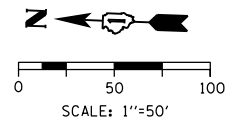
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
SB I-90/94**

SCALE: 1"=50' SHEET 9 OF 14 SHEETS STA. 6253+85(SB) TO STA. 178+50(SB)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	622
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING NOTES

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4. STATIONS PROVIDED REFER TO PR SB I-90/94 UNLESS OTHERWISE NOTED.

LEGEND

PAVEMENT MARKING MATERIAL

- ◊ THERMOPLASTIC PAVEMENT MARKING
- PREFORMED PLASTIC PAVEMENT MARKING, TYPE D AND GROOVING FOR RECESSED PAVEMENT MARKING
- △ MODIFIED URETHANE PAVEMENT MARKING

PAVEMENT MARKING TYPE

- A - 4" YELLOW EDGE LINE
- B - 4" WHITE EDGE LINE
- C - 7" CONTRAST LANE LINE (2' DASH, 6' SKIP) AND GROOVING FOR RECESSED PAVEMENT MARKING 8"
- D - 8" WHITE DOTTED LINE (3' DASH, 9' SKIP) AND GROOVING FOR RECESSED PAVEMENT MARKING 9"
- E - 8" CONTRAST WHITE LANE LINE (10' DASH, 30' SKIP) AND GROOVING FOR RECESSED PAVEMENT MARKING 9"
- F - 8" WHITE EDGE LINE
- G - 5" WHITE LANE LINE (10' DASH, 30' SKIP) AND GROOVING FOR RECESSED PAVEMENT MARKING 6"
- H - 11" CONTRAST LANE LINE (3' DASH, 9' SKIP) AND GROOVING FOR RECESSED PAVEMENT MARKING 12"
- I - 12" (RT WHITE, LT YELLOW) DIAGONALS SPACED @ 500' CENTERS
- J - 12" WHITE 45° CHEVRONS SPACED @ 30' CENTERS
- K - 24" WHITE CROSSWALK, 6' WIDTH, SPACED @ 4' CENTERS
- L - 4" WHITE LANE LINE (2' DASH, 6' SKIP)
- M - RAISED REFLECTIVE PAVEMENT MARKER (1-WAY CRYSTAL/OPAQUE)
- N - WHITE LETTERS AND SYMBOLS

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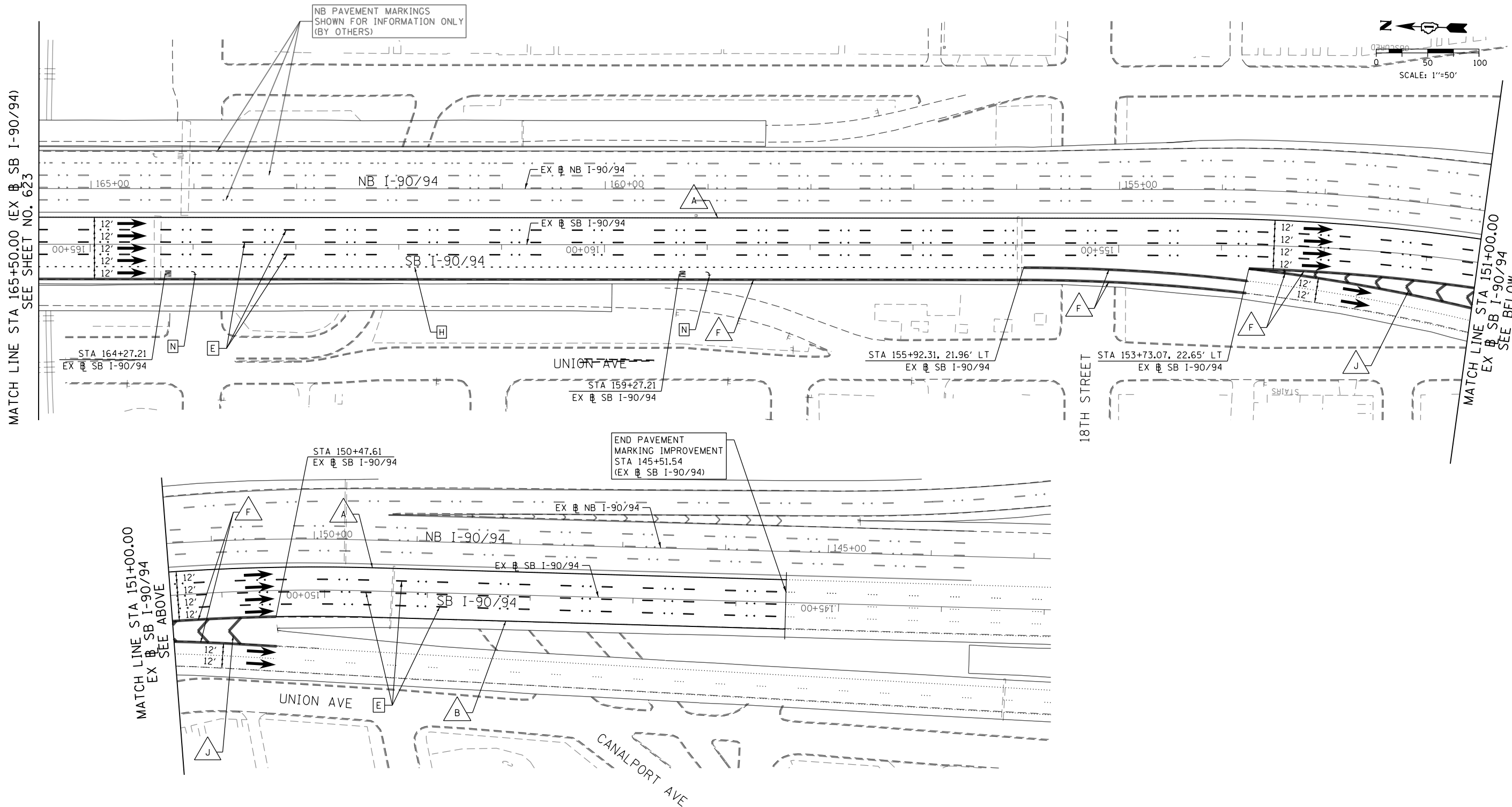
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
SB I-90/94**

SCALE: 1"=50' SHEET 10 OF 14 SHEETS STA. 178+50(SB) TO STA. 165+50(SB)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	623
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				

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4. STATIONS PROVIDED REFER TO PR SB I-90/94 UNLESS OTHERWISE NOTED.

LEGEND

PAVEMENT MARKING MATERIAL

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- N - WHITE LETTERS AND SYMBOLS



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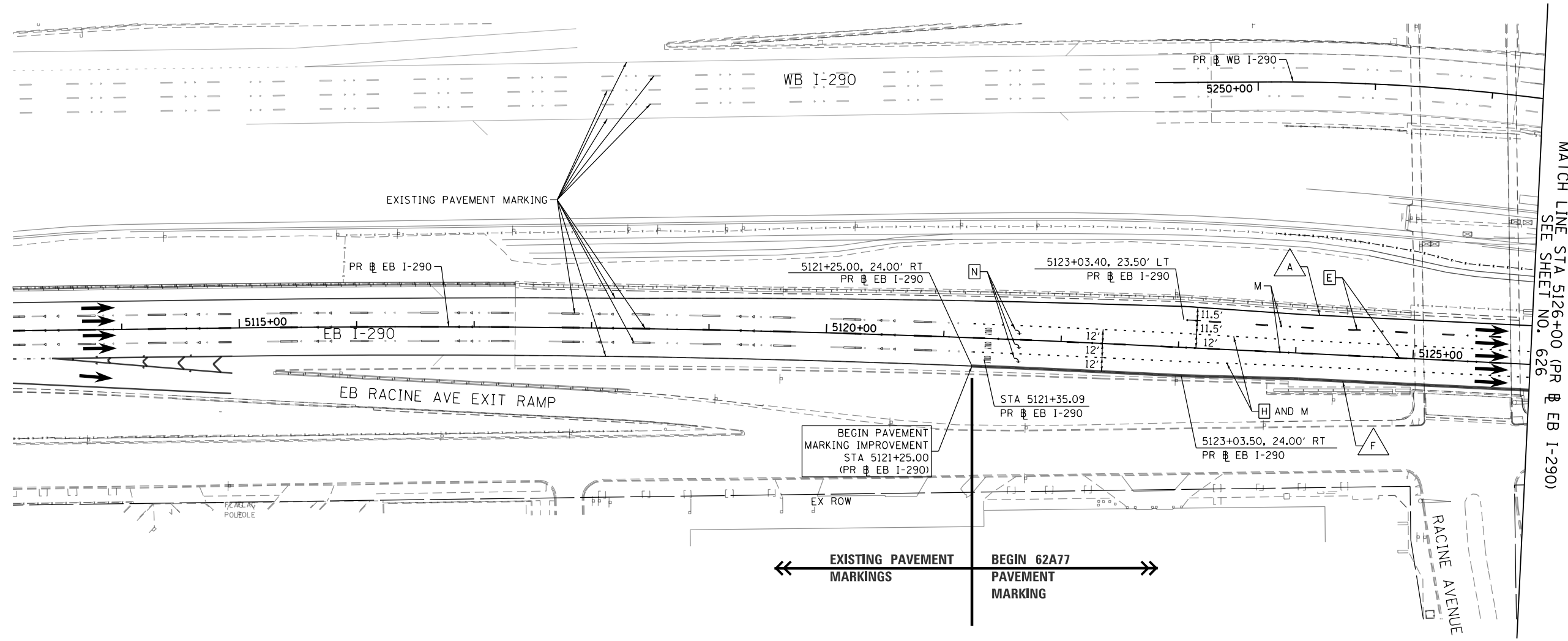
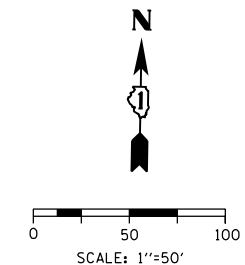
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
 SB I-90/94

SCALE: 1"=50' SHEET 11 OF 14 SHEETS STA. 165+50(SB) TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	624
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				



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LEGEND

PAVEMENT MARKING MATERIAL

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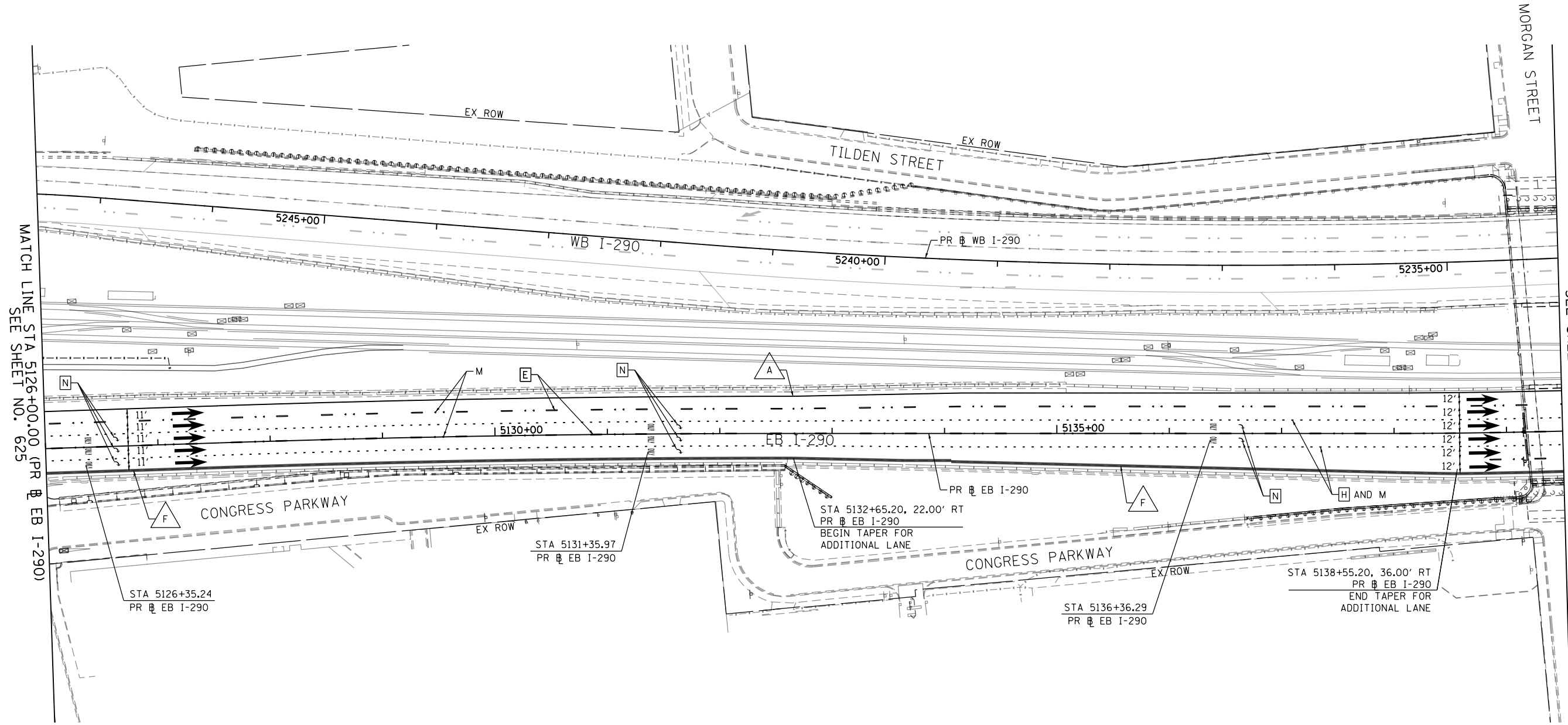
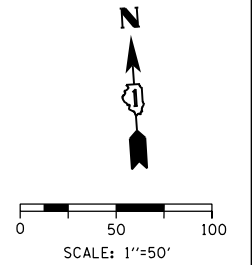
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
EB I-290**

SCALE: 1"=50' SHEET 12 OF 14 SHEETS STA. 5121+25.00 TO STA. 5126+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	625
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				



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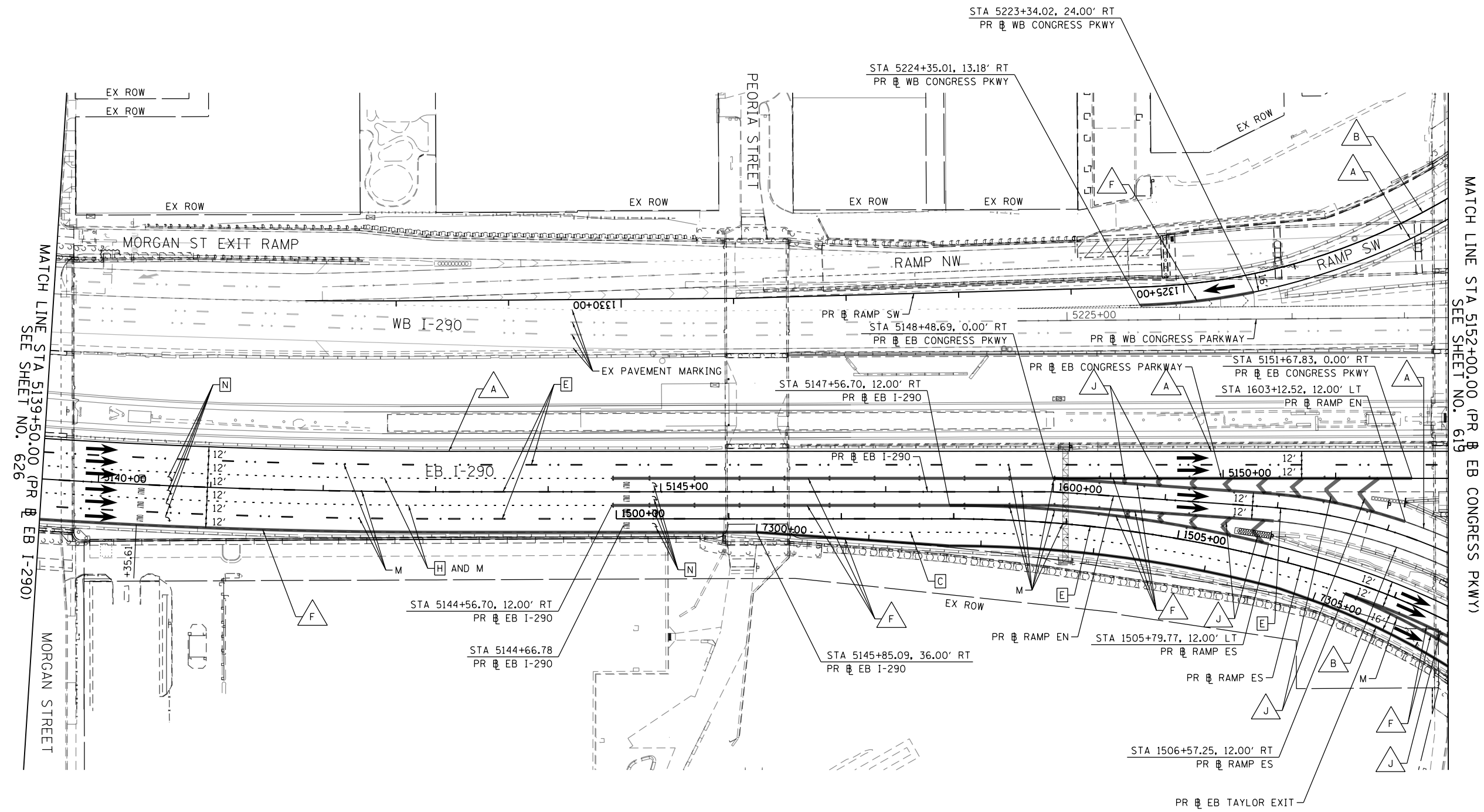
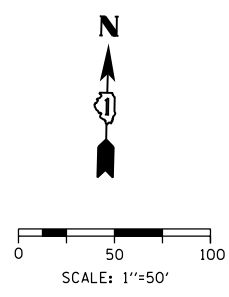
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
 EB I-290

SCALE: 1"=50' SHEET 13 OF 14 SHEETS STA. 5126+00.00 TO STA. 5139+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	626
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING NOTES

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
EB I-290**

SCALE: 1"=50' SHEET 14 OF 14 SHEETS STA. 5139+50.00 TO STA. 5152+00.00

F.A.I. RTE. 90/94/290	SECTION 2015-018R	COUNTY COOK	TOTAL SHEETS 1360	SHEET NO. 627
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				

SIGNING SCHEDULE

LOCATION	SIGN NO.	LEGEND / DESCRIPTION	CODE	ACTION	LOCATION (STATION / OFFSET)		EXISTING PANEL DIMENSIONS		PROPOSED PANEL DIMENSIONS		NUMBER OF POSTS	SIGN PANEL - TYPE 1	SIGN PANEL - TYPE 2	SIGN PANEL - TYPE 3	SIGN PANEL OVERLAY	REMOVE SIGN PANEL - TYPE 1	REMOVE SIGN PANEL - TYPE 2	REMOVE SIGN PANEL - TYPE 3	RELOCATE SIGN PANEL - TYPE 2	RELOCATE SIGN PANEL - TYPE 3	MILE POST MARKER ASSEMBLY	TELESCOPING STEEL SIGN SUPPORT	WOOD SIGN SUPPORT	BASE FOR TELESCOPING STEEL SIGN SUPPORT	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER	REMOVE OVERHEAD SIGN STRUCTURE - BUTTERFLY	REMOVE OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	REMOVE GROUND MOUNTED SIGN SUPPORT	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	REMOVE CONCRETE FOUNDATION - OVERHEAD					
					EXISTING	PROPOSED	WIDTH	HEIGHT	WIDTH	HEIGHT																										
							(FT)	(FT)	(FT)	(FT)																										
SB I-90/94	SB-01-OH	EXITS 51H-I WEST SUBURBS CHICAGO LOOP 3 MILES	CUSTOM	TO BE REMOVED	NO ALIGNMENT		17.50	14.00									245								1								1			
	SB-02-OH	EXITS 51H-I AURORA IDA B WELLS DR 3 MILES	CUSTOM	PROPOSED		NO ALIGNMENT			18.50	14.50			269																							
	SB-03-OH	EXITS 51H-I WEST SUBURBS CHICAGO LOOP 1 1/2 MILES	CUSTOM	TO REMAIN	NO ALIGNMENT			18.00	15.00																											
	SB-04-OH	EXIT 50B EAST OHIO ST 1/4 MILE	CUSTOM	TO REMAIN	NO ALIGNMENT			11.00	10.50																											
	SB-05-OH	EXIT 50A OGDEN AVE RACINE AVE	CUSTOM	TO REMAIN	NO ALIGNMENT			18.00	8.50																											
	SB-06-OH	AURORA IDA B WELLS DR	CUSTOM	PR OVERLAY		NO ALIGNMENT				16.00	4.50				72																					
	SB-07-BM	EAST DAN RYAN EXPWY INDIANA	CUSTOM	TO BE REMOVED	NO ALIGNMENT			28.00	10.50									294																		
	SB-08-BM	EXITS 51H-J AURORA IDA B WELLS DR TAYLOR ST	CUSTOM	TO BE REMOVED	NO ALIGNMENT			19.50	11.00									215																		
	SB-09-BM	EXIT 50B EAST OHIO ST	CUSTOM	TO BE REMOVED	NO ALIGNMENT			16.50	11.00									182																		
	SB-10-BM	EXITS 51H-I	CUSTOM	PROPOSED		NO ALIGNMENT					18.50	2.50			47																					
	SB-11-BM	EAST INDIANA NEXT EXIT 18TH ST AURORA IDA B WELLS DR	CUSTOM	PROPOSED		NO ALIGNMENT					53.00	17.50			928																					
	SB-12-BM	EXIT 50B EAST OHIO ST	CUSTOM	PROPOSED		NO ALIGNMENT					18.50	11.50			213																					
	SB-13-OH	CHICAGO LOOP EXITS	CUSTOM	TO BE REMOVED		NO ALIGNMENT		23.50	10.00									235								1										1
	SB-14-OH	MADISON ST 3/4 MILE	CUSTOM	TO REMAIN		6156+71.81																														
	SB-15-OH	EXIT 51C EAST WASHINGTON BLVD 1/2 MILE	CUSTOM	TO REMAIN		6156+71.81																														
	SB-16-OH	EXIT 51 B WEST RANDOLPH ST 1/4 MILE	CUSTOM	TO REMAIN		6156+71.81																														
	SB-17-BM	EXIT 51C EAST WASHINGTON BLVD 500 FT	CUSTOM	TO BE REMOVED		6187+28.83		21.00	10.50									221																		
	SB-18-BM	EXIT 51 B WEST RANDOLPH ST	CUSTOM	TO BE REMOVED		6187+28.83		19.50	8.50									166																		
	SB-19-OH	EXITS 51F-J	CUSTOM	PROPOSED		6186+66.98					28.50	2.50			72																					
	SB-20-OH	EAST INDIANA NEXT EXIT 18TH ST IDA B WELLS ADAMS ST	CUSTOM	PROPOSED		6186+66.98					63.00	17.50			1,103																					
	SB-21-OH	EXIT 51B WEST RANDOLPH ST	CUSTOM	PROPOSED		6186+66.98					20.00	9.00			180																					
	SB-21A-PP	EXIT 51B	E5-1C	PROPOSED		6187+28.25	43.12' RT				3.00	2.00	6																							
	SB-22-BM	EXITS 51D-J WEST AURORA IDA B WELLS DR TAYLOR ST MADISON ST	CUSTOM	TO BE REMOVED		6191+85.85		32.50	17.50									569																		
	SB-23-BM	EXIT 51C EAST WASHINGTON BLVD	CUSTOM	TO REMAIN		6191+85.85		21.00	7.50																											
	SB-24-BM	EXIT 51 E MONROE ST 1000 FEET	CUSTOM	PROPOSED		6191+85.85					14.00	8.00			112																					
	SB-25-BM	EXIT 51D MADISON ST 500 FEET	CUSTOM	PROPOSED		6191+85.85					15.00	8.00			120																					
	SB-25A-MP	MERGE LEFT	W4-1L	TO REMAIN		6191+83.73	34.12' LT	4.00	4.00																											
	SB-25B-PP	EXIT 51C	E5-1C	PROPOSED		6191+88.27	44.47' RT				3.00	2.00	6																							
	SB-25C-MP	MERGE LEFT	W4-1L	TO REMAIN		6196+03.24	30.62' LT	4.00	4.00																											
	SB-26-BM	EXITS 51F-G EAST JACKSON BLVD WEST ADAMS ST RIGHT LANE EXIT ONLY	CUSTOM	TO BE REMOVED		6196+42.57		27.50	9.50									261																		
	SB-27-BM	EXIT 51E MONROE ST 500 FEET	CUSTOM	TO BE REMOVED		6196+42.57		14.00	7.50									105																		
	SB-28-BM	EXIT 51D MADISON ST	CUSTOM	TO REMAIN		6196+42.57		18.00	6.00																											
	SB-29-BM	EXIT 51E MONROE ST 500 FEET	CUSTOM	PROPOSED		6196+42.57					14.00	8.00			112																					
	SB-30-PP	EXIT 51D	E5-1C	PROPOSED		6196+44.90	42.71' RT				3.00	2.00	6																							
	SB-31-OH	EAST DAN RYAN EXPWY INDIANA	CUSTOM	TO BE REMOVED		6200+14.34		28.00	11.00									308																		
	SB-32-OH	EXITS 51H-J EXITS 51F-G AURORA ADAMS ST IDA B WELLS DR JACKSON	CUSTOM	TO BE REMOVED		6200+14.34		36.00	18.00									648																		
	SB-33-OH	EXIT 51E MONROE ST	CUSTOM	TO REMAIN		6200+14.34		17.00	7.50																											
	SB-34-OH	EXITS 51F-J	CUSTOM	PROPOSED		6200+14.34					28.50	2.50			72																					
	SB-35-OH	EAST INDIANA IDA B WELLS DR TAYLOR ADAMS ST	CUSTOM	PROPOSED		6200+14.34					63.00	16.50			1,040																					
SB-36-PP	EXIT 51E	E5-1C	PROPOSED		6201+52.07	48.96' RT				3.00	2.00	6																								
SB-37-BW	MERGE LEFT	W4-1L	TO BE REMOVED		6205+31.54	25.45' LT	4.00	4.00									16																			
SB-37A-PP	MONROE ST	CUSTOM	PROPOSED		6206+17.75	24.00' RT				7.00	2.00		14																							
SB-37B-BW	EXIT 51F	E5-1C	PROPOSED		6207+13.09	74.52' RT				3.00	2.00	1	6																							
SB-38-BW	MERGE LEFT	W4-1L	PROPOSED		6205+31.54	25.45' LT				4.00	4.00	1	16																							
SB-39-BM	EAST 51G EAST JACKSON BLVD	CUSTOM	TO BE REMOVED		6206+17.75		16.00	11.50									184																			

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D162A77-sht-Sign-Schedule-01.dgn
 USER NAME = jrdavenport
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 1/24/2020

DESIGNED - MJL
 DRAWN - MSW
 CHECKED - JMG
 DATE - 1/29/2019

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIGNING SCHEDULE

SCALE: NONE SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	628
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				

SIGNING SCHEDULE

LOCATION	SIGN NO.	LEGEND / DESCRIPTION	CODE	ACTION	LOCATION (STATION / OFFSET)		EXISTING PANEL DIMENSIONS		PROPOSED PANEL DIMENSIONS		NUMBER OF POSTS	SIGN PANEL - TYPE 1	SIGN PANEL - TYPE 2	SIGN PANEL - TYPE 3	SIGN PANEL OVERLAY	REMOVE SIGN PANEL - TYPE 1	REMOVE SIGN PANEL - TYPE 2	REMOVE SIGN PANEL - TYPE 3	RELOCATE SIGN PANEL - TYPE 2	RELOCATE SIGN PANEL - TYPE 3	MILE POST MARKER ASSEMBLY	TELESCOPING STEEL SIGN SUPPORT	WOOD SIGN SUPPORT	BASE FOR TELESCOPING STEEL SIGN SUPPORT	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER	REMOVE OVERHEAD SIGN STRUCTURE - BUTTERFLY	REMOVE OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	REMOVE GROUND MOUNTED SIGN SUPPORT	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	REMOVE CONCRETE FOUNDATION - OVERHEAD						
					EXISTING	PROPOSED	WIDTH	HEIGHT	WIDTH	HEIGHT																											
							(FT)	(FT)	(FT)	(FT)																											
RAMP SE	-01-	NOT USED		NOT USED																																	
	-02-	NOT USED		NOT USED																																	
	SE-03-TM	ADVISORY RAMP SPEED 35 MPH	W13-3	PROPOSED		1400+40.09	35.04' RT			3.00	4.00		12																								
	SE-04-TM	ADVISORY RAMP SPEED 25 MPH	W13-3	PROPOSED		1400+40.09	21.86' LT			3.00	4.00		12																								
	SE-05-OH	EXIT 51I IDA B WELLS DR	CUSTOM	TO REMAIN	1400+40.09			18.50	9.00																												
	SE-06-OH	EXIT 51J TAYLOR ST ROOSEVELT RD	CUSTOM	TO REMAIN	1400+40.09			20.50	9.00																												
RAMP WS	WS-01-MP	MERGE RIGHT	W4-1R	TO REMAIN	1234+12.64	23.37' RT			4.00	4.00																											
	WS-02-BW	RIGHT ADDED LANE	W4-3R	PROPOSED		1232+41.86	17.54' LT			4.00	4.00	1	16									10		1													
	WS-03-WP	RIGHT ADDED LANE	W4-3R	TO BE REMOVED	1230+33.49	66.73' LT			4.00	4.00																											
	WS-04-MP	EXIT GORE	E5-1A	TO BE REMOVED	1235+13.92	6.51' RT			3.00	2.00					6																						
	WS-05-BW	EXIT 52A	E5-1C	PROPOSED		1235+13.92	6.60' RT			3.00	2.00		6																								
EB I-290	EB-01-BM	IDA B WELLS DR	CUSTOM	TO REMAIN	5139+15.90				18.50	6.00																											
	EB-02A-BM	90 94 WEST WISCONSIN EXIT ONLY	CUSTOM	TO REMAIN	5139+15.90				32.00	13.50																											
	EB-02B-BM	90 94 EAST INDIANA EXIT ONLY	CUSTOM	REMOVE OVERLAY	5139+15.90				3.00	2.50																											
	EB-03-BM	EXIT 29B TAYLOR ST ROOSEVELT RD EXIT ONLY	CUSTOM	TO BE REMOVED	5145+56.39				16.50	12.00																											
	EB-04-BM	EXIT 29B TAYLOR ST ROOSEVELT RD	CUSTOM	PROPOSED		5145+56.39					20.50	9.00		185																							
	EB-05-OH	EXPRESSWAY ENDS IDA B WELLS DR	CUSTOM	TO BE RELOCATED	5148+69.74				20.00	10.00																											
	EB-06A-OH	WEST WISCONSIN EXIT ONLY	CUSTOM	TO BE RELOCATED	5148+69.74				18.50	12.50																											
	EB-07A-OH	EAST INDIANA EXIT ONLY	CUSTOM	TO BE REMOVED	5148+69.74				18.50	12.50																											
	EB-07B-OH	EAST INDIANA EXIT ONLY	CUSTOM	PROPOSED		5148+69.74					18.50	11.50		213																							
EB-08-OH	EXIT 29B TAYLOR ST ROOSEVELT RD EXIT ONLY	CUSTOM	TO BE RELOCATED	5148+69.74				16.50	12.00																												
TOTALS												111	164	6,851	72	63	88	5,453	22	630	1	64	82	8	1	2	1	8	2	2	2	7					

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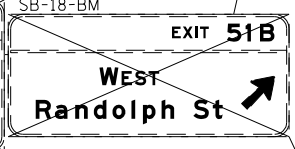
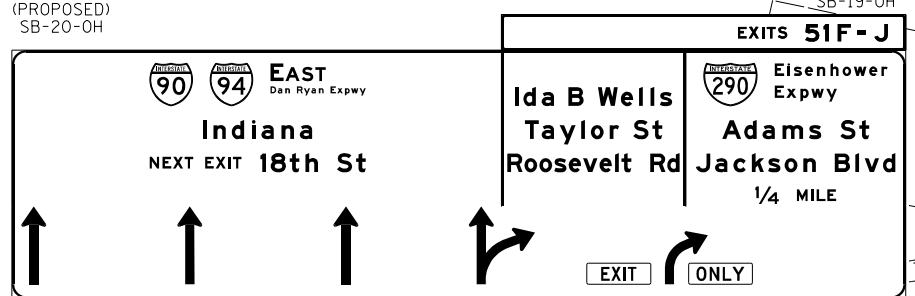
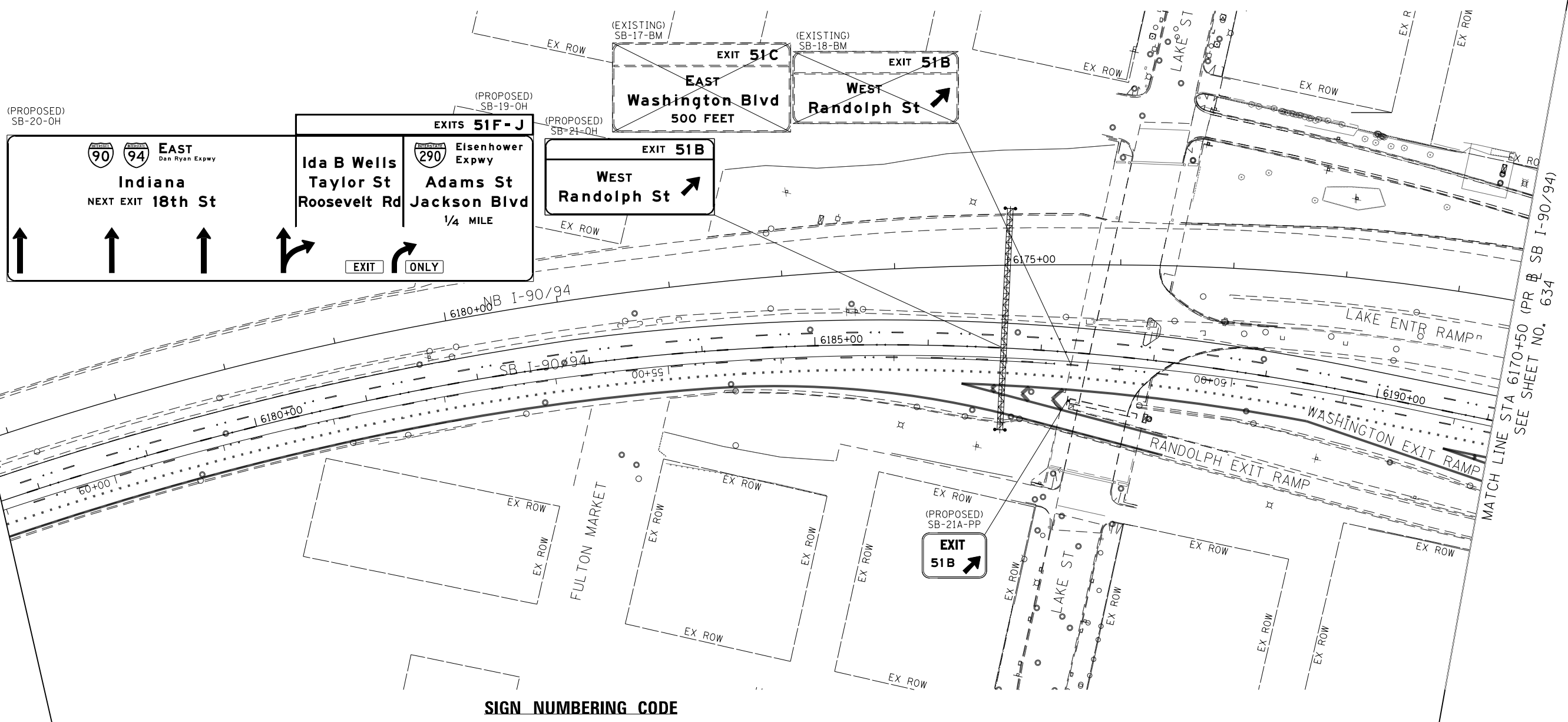
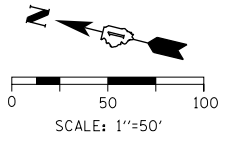


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PLOT DATE = 1/23/2020	DATE - 1/29/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING SCHEDULE	
SCALE: NONE	SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	631
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				



SIGN NUMBERING CODE EXAMPLE

DIRECTION OF TRAFFIC	WN-03-LP	MOUNTING TYPE
SB - SOUTHBOUND I-90/94		LP - LIGHT POLE BANDING
EB - EASTBOUND I-290		MP - METAL POST
MER - MADISON EXIT RAMP		BW - BARRIER WALL MOUNTED
MON - MONROE EXIT RAMP		FM - FENCE MOUNTED
AER - ADAMS EXIT RAMP		GM - GROUND MOUNTED
JER - JACKSON EXIT RAMP		BM - BRIDGE MOUNTED
SE - RAMP SE		BS - BREAKAWAY STEEL
WS - RAMP WS		WP - WOOD POST
		OH - OVERHEAD
		TM - TRUSS SUPPORT MOUNTED
		SP - SIGNAL POLE BANDING
		PP - PARAPET OR PIER MOUNTED
SIGN PANEL NUMBER		

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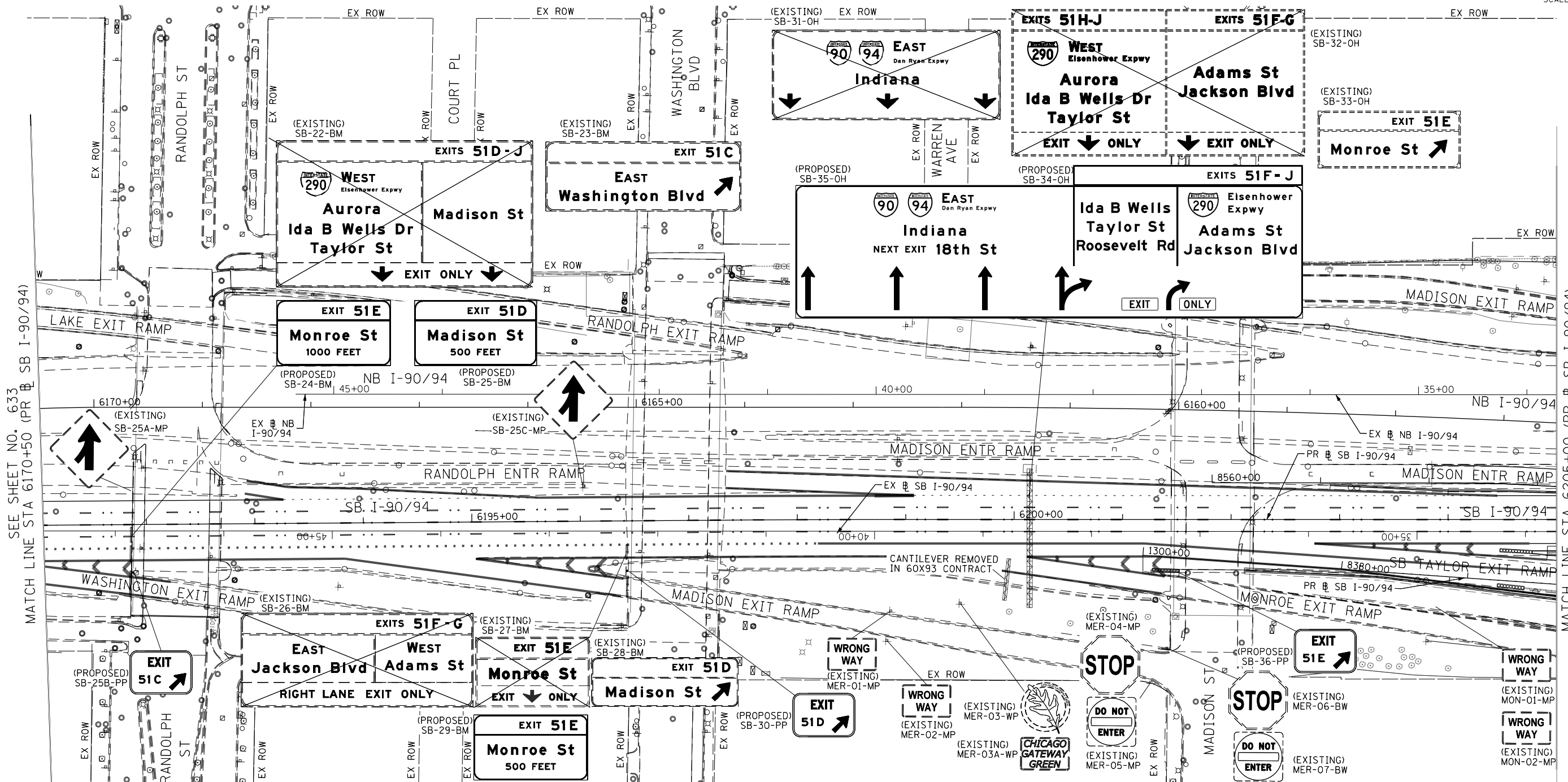
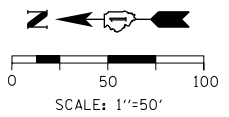
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PLOT DATE = 1/23/2020	DATE - 1/29/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
I-90/94**

SCALE: 1"=50' SHEET 2 OF 9 SHEETS STA. XXXX+XX TO STA. 6170+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	633
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				



SIGN NUMBERING CODE EXAMPLE

<p>DIRECTION OF TRAFFIC</p> <p>SB - SOUTHBOUND I-90/94</p> <p>EB - EASTBOUND I-290</p> <p>MER - MADISON EXIT RAMP</p> <p>MON - MONROE EXIT RAMP</p> <p>AER - ADAMS EXIT RAMP</p> <p>JER - JACKSON EXIT RAMP</p> <p>SE - RAMP SE</p> <p>WS - RAMP WS</p>	<p>MOUNTING TYPE</p> <p>LP - LIGHT POLE BANDING</p> <p>MP - METAL POST</p> <p>BW - BARRIER WALL MOUNTED</p> <p>FM - FENCE MOUNTED</p> <p>GM - GROUND MOUNTED</p> <p>BM - BRIDGE MOUNTED</p> <p>BS - BREAKAWAY STEEL</p> <p>WP - WOOD POST</p> <p>OH - OVERHEAD</p> <p>TM - TRUSS SUPPORT MOUNTED</p> <p>SP - SIGNAL POLE BANDING</p> <p>PP - PARAPET OR PIER MOUNTED</p>
---	--

SIGN PANEL NUMBER

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SEE SHEET NO. 633
MATCH LINE STA 6170+50 (PR @ SB I-90/94)

MATCH LINE STA 6205+00 (PR @ SB I-90/94)
SEE SHEET NO. 635



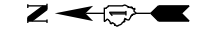
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

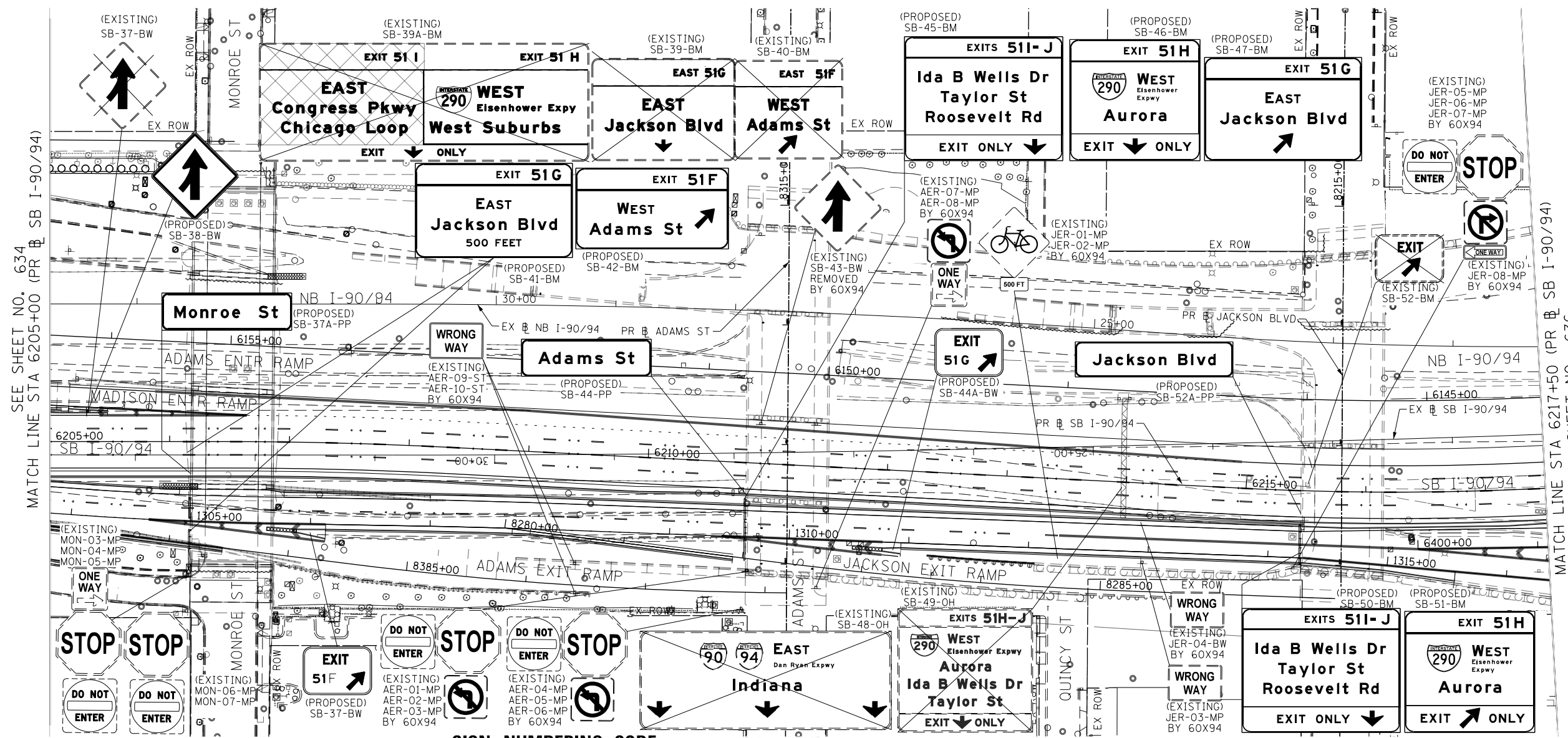
**SIGNING PLAN
I-90/94**

SCALE: 1"=50' SHEET 3 OF 9 SHEETS STA. 6170+50 TO STA. 6205+00

F.A.I. R.T.E. 90/94/290	SECTION 2015-018R	COUNTY COOK	TOTAL SHEETS 1360	SHEET NO. 634
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62A77	



0 50 100
SCALE: 1"=50'



SEE SHEET NO. 634
MATCH LINE STA 6205+00 (PR SB I-90/94)

MATCH LINE STA 6217+50 (PR SB I-90/94)
SEE SHEET NO. 636

**SIGN NUMBERING CODE
EXAMPLE**

DIRECTION OF TRAFFIC	WN-03-LP	MOUNTING TYPE
SB - SOUTHBOUND I-90/94		LP - LIGHT POLE BANDING
EB - EASTBOUND I-290		MP - METAL POST
MER - MADISON EXIT RAMP		BW - BARRIER WALL MOUNTED
MON - MONROE EXIT RAMP		FM - FENCE MOUNTED
AER - ADAMS EXIT RAMP		GM - GROUND MOUNTED
JER - JACKSON EXIT RAMP		BM - BRIDGE MOUNTED
SE - RAMP SE		BS - BREAKAWAY STEEL
WS - RAMP WS		WP - WOOD POST
		OH - OVERHEAD
		TM - TRUSS SUPPORT MOUNTED
		SP - SIGNAL POLE BANDING
		PP - PARAPET OR PIER MOUNTED
SIGN PANEL NUMBER		

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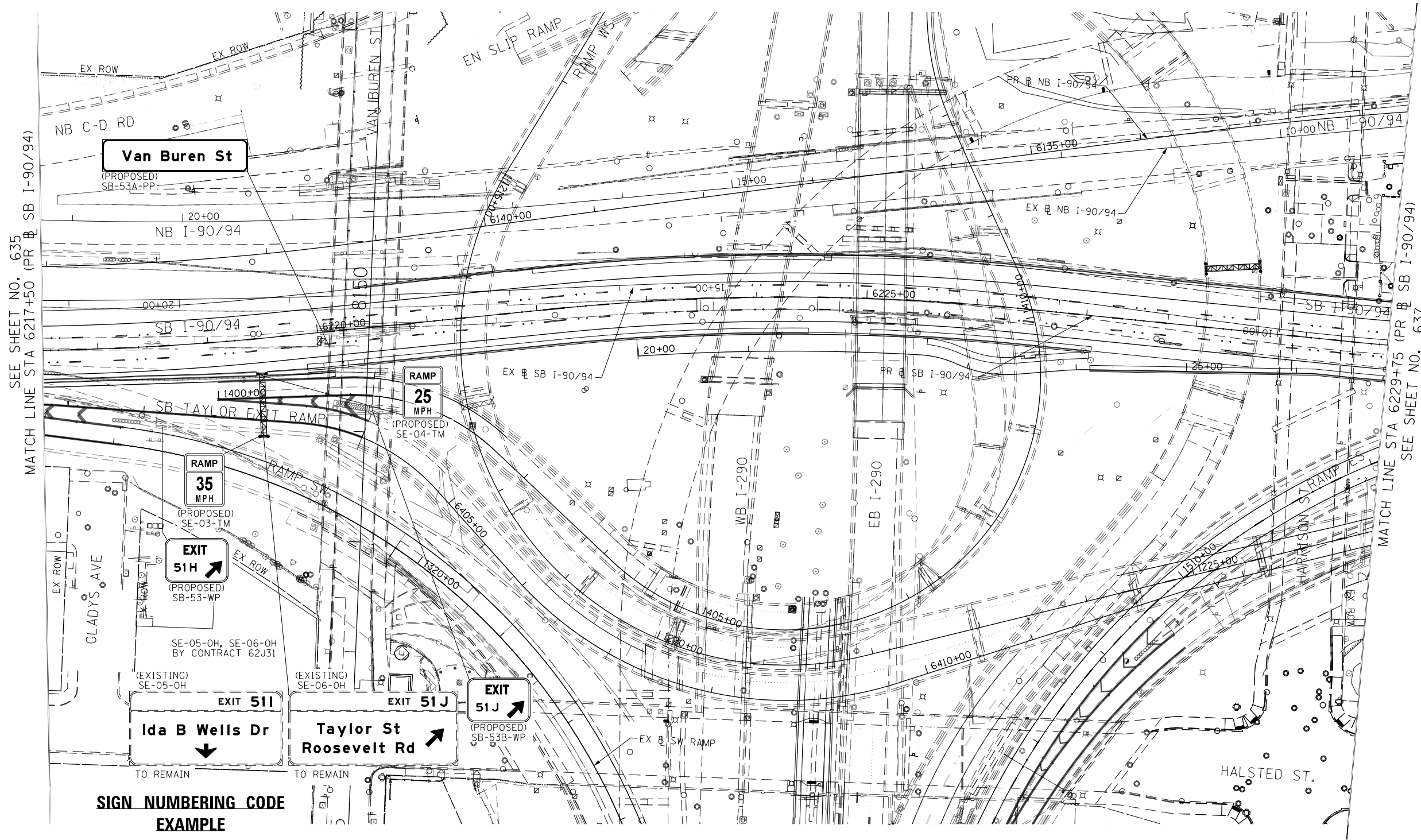
DESIGNED - MJL	REVISED -
DRAWN - MSW	REVISED -
CHECKED - JMG	REVISED -
DATE - 1/29/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
I-90/94**

SCALE: 1"=50' SHEET 4 OF 9 SHEETS STA. 6205+00 TO STA. 6217+50

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	635
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				



SIGN NUMBERING CODE EXAMPLE

DIRECTION OF TRAFFIC		MOUNTING TYPE	
SB - SOUTHBOUND I-90/94	LP - LIGHT POLE BANDING	MP - METAL POST	
EB - EASTBOUND I-290	MP - METAL POST	BW - BARRIER WALL MOUNTED	
MER - MADISON EXIT RAMP	FM - FENCE MOUNTED	GM - GROUND MOUNTED	
MON - MONROE EXIT RAMP	GM - GROUND MOUNTED	BM - BRIDGE MOUNTED	
AER - ADAMS EXIT RAMP	BM - BRIDGE MOUNTED	BS - BREAKAWAY STEEL	
JER - JACKSON EXIT RAMP	BS - BREAKAWAY STEEL	WP - WOOD POST	
SE - RAMP SE	WP - WOOD POST	OH - OVERHEAD	
WS - RAMP WS	OH - OVERHEAD	TM - TRUSS SUPPORT MOUNTED	
	TM - TRUSS SUPPORT MOUNTED	SP - SIGNAL POLE BANDING	
	SP - SIGNAL POLE BANDING	DR - PARADET OR RIER MOUNTED	

SIGN PANEL NUMBER		DESIGNED - MJL		REVISED -	
WN-03-LP		DRAWN - MSW		REVISED -	
		CHECKED - JMG		REVISED -	
		DATE - 1/29/2019		REVISED -	

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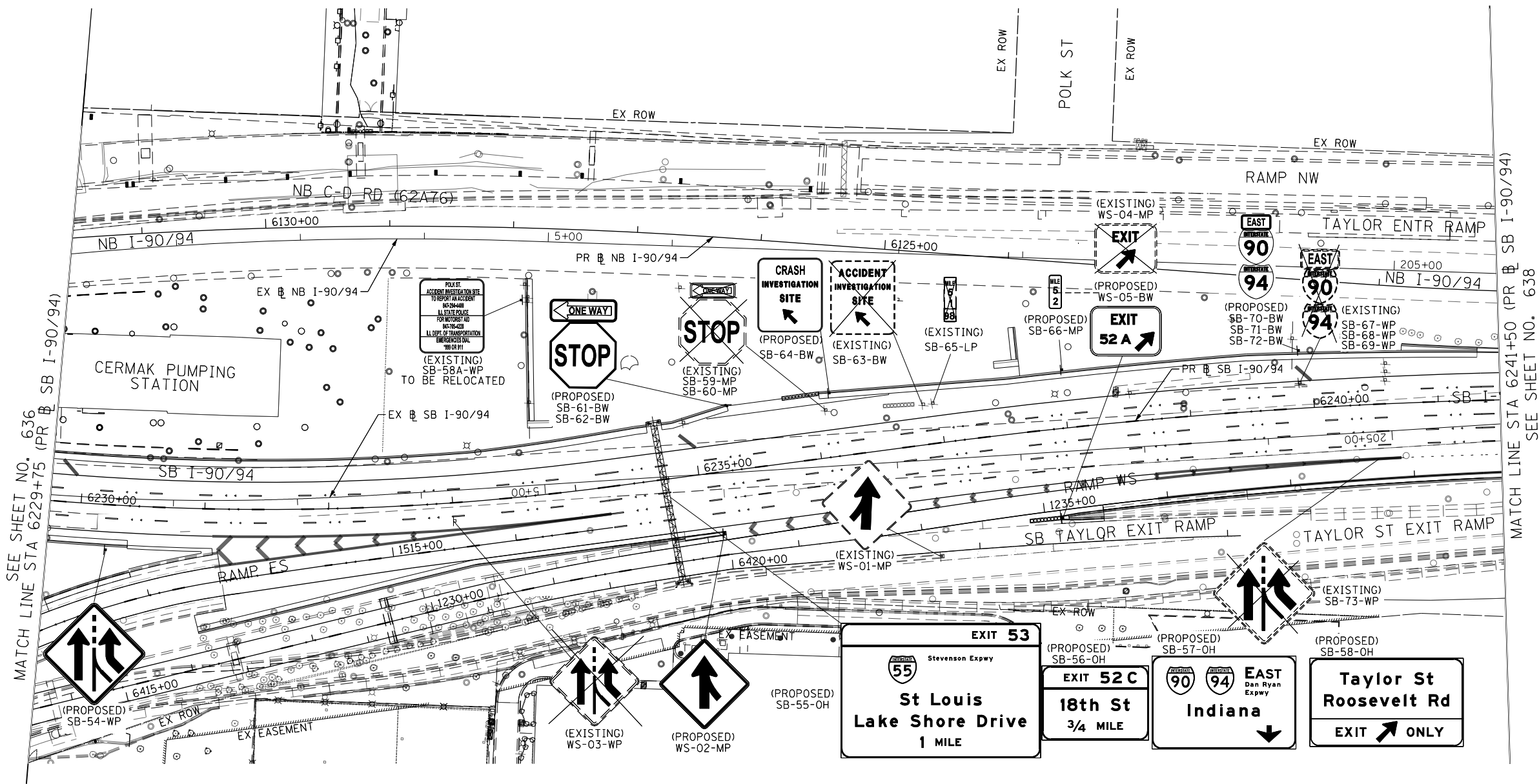


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
I-90/94**

SCALE: 1"=50' SHEET 5 OF 9 SHEETS STA. 6217+50 TO STA. 6229+75

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	636
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA 6229+75 (PR SB I-90/94) SEE SHEET NO. 636

MATCH LINE STA 6241+50 (PR SB I-90/94) SEE SHEET NO. 638

SIGN NUMBERING CODE EXAMPLE

DIRECTION OF TRAFFIC	SIGN PANEL NUMBER	MOUNTING TYPE
SB - SOUTHBOUND I-90/94	WN-03-LP	LP - LIGHT POLE BANDING
EB - EASTBOUND I-290		MP - METAL POST
MER - MADISON EXIT RAMP		BW - BARRIER WALL MOUNTED
MON - MONROE EXIT RAMP		FM - FENCE MOUNTED
AER - ADAMS EXIT RAMP		GM - GROUND MOUNTED
JER - JACKSON EXIT RAMP		BM - BRIDGE MOUNTED
SE - RAMP SE		BS - BREAKAWAY STEEL
WS - RAMP WS		WP - WOOD POST
		OH - OVERHEAD
		TM - TRUSS SUPPORT MOUNTED
		SP - SIGNAL POLE BANDING
		PP - PARAPET OR PIER MOUNTED

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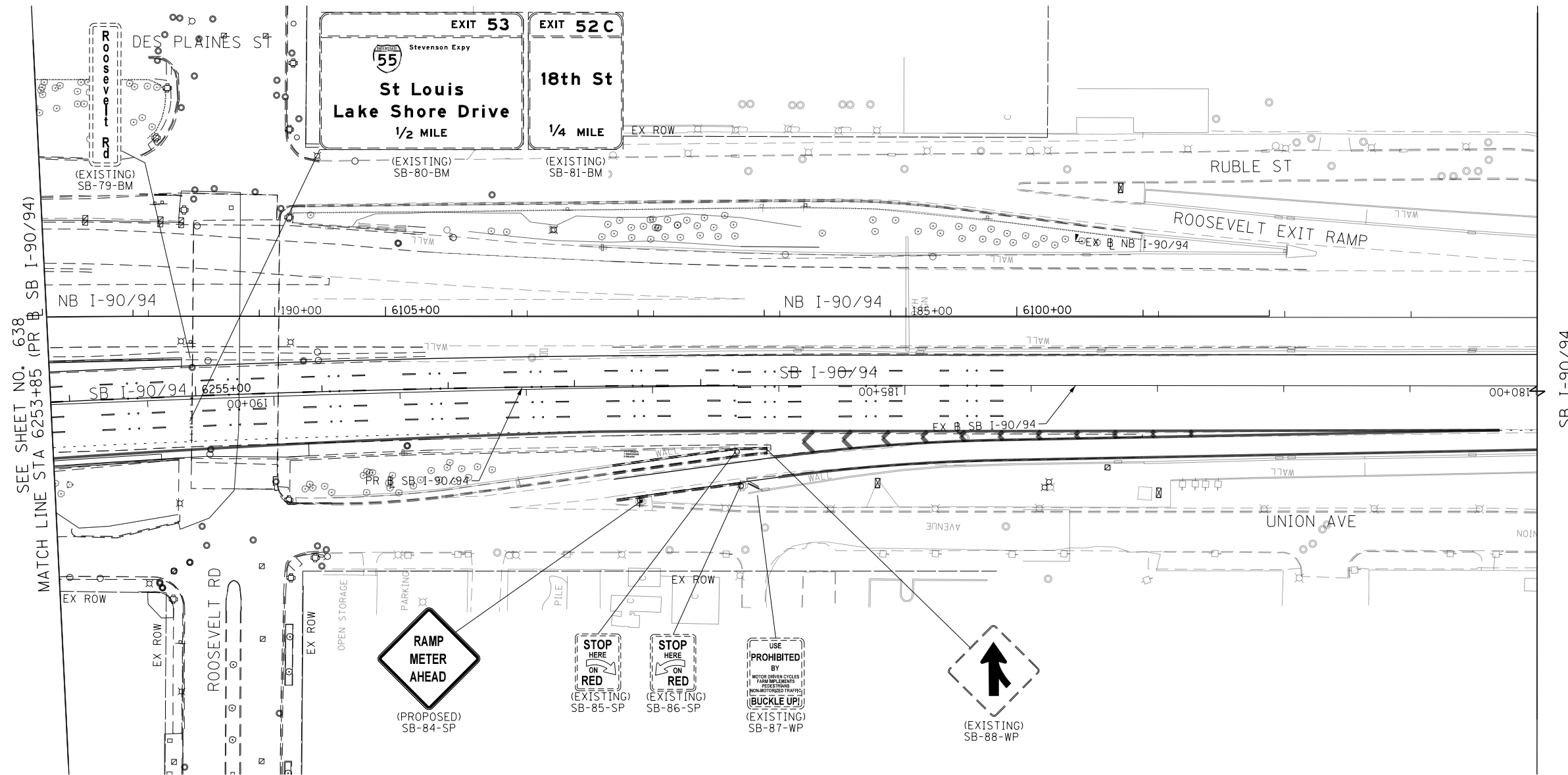
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PLOT DATE = 1/30/2020	DATE - 1/29/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
I-90/94**

SCALE: 1"=50' SHEET 6 OF 9 SHEETS STA. 6229+75 TO STA. 6241+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	637
CONTRACT NO. 62A77			ILLINOIS FED. AID PROJECT	



**SIGN NUMBERING CODE
EXAMPLE**

DIRECTION OF TRAFFIC	MOUNTING TYPE
SB - SOUTHBOUND I-90/94	LP - LIGHT POLE BANDING
EB - EASTBOUND I-290	MP - METAL POST
MER - MADISON EXIT RAMP	BW - BARRIER WALL MOUNTED
MON - MONROE EXIT RAMP	FM - FENCE MOUNTED
AER - ADAMS EXIT RAMP	GM - GROUND MOUNTED
JER - JACKSON EXIT RAMP	BM - BRIDGE MOUNTED
SE - RAMP SE	BS - BREAKAWAY STEEL
WS - RAMP WS	WP - WOOD POST
	OH - OVERHEAD
	TM - TRUSS SUPPORT MOUNTED
	SP - SIGNAL POLE BANDING
	PP - PARAPET OR PIER MOUNTED



DI62A77-Sht-SIGN-07.dgn	DESIGNED - MJL	REVISED -
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PLOT SCALE = 100.0000' / 1"	CHECKED - JMG	REVISED -
PLOT DATE = 1/23/2020	DATE - 1/29/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

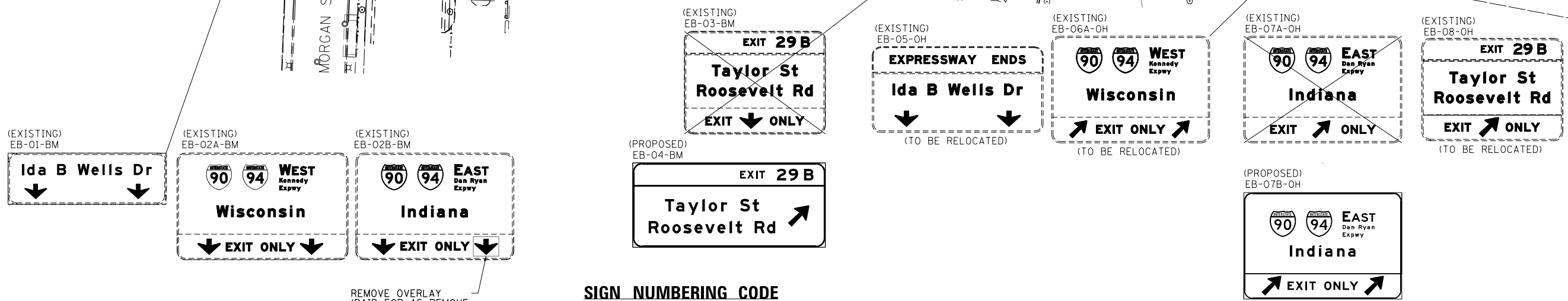
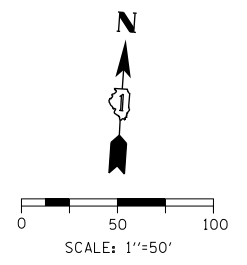
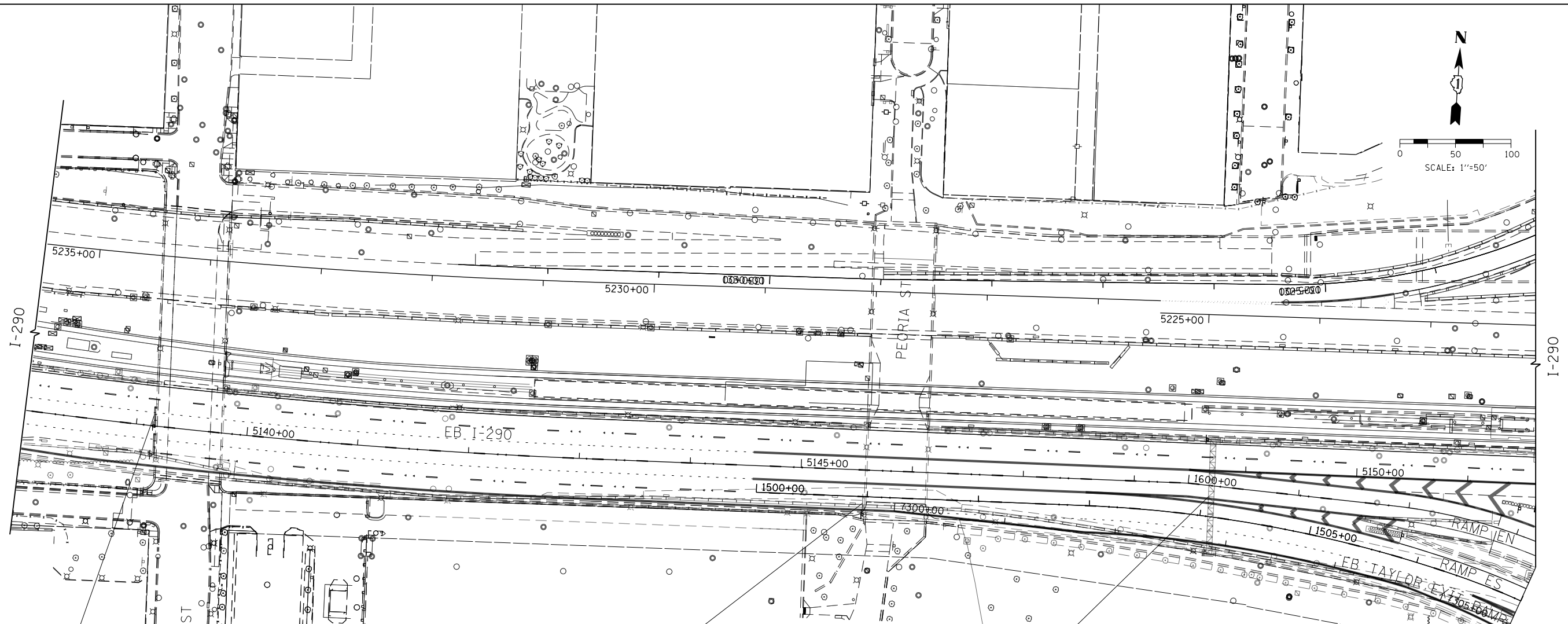
**SIGNING PLAN
I-90/94**

SCALE: 1"=50' SHEET 8 OF 9 SHEETS STA. 6253+85 TO STA. 190+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	639
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				

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REMOVE OVERLAY
(PAID FOR AS REMOVE
SIGN PANEL TY 3)

**SIGN NUMBERING CODE
EXAMPLE**

DIRECTION OF TRAFFIC	MOUNTING TYPE
SB - SOUTHBOUND I-90/94	LP - LIGHT POLE BANDING
EB - EASTBOUND I-290	MP - METAL POST
MER - MADISON EXIT RAMP	BW - BARRIER WALL MOUNTED
MON - MONROE EXIT RAMP	FM - FENCE MOUNTED
AER - ADAMS EXIT RAMP	GM - GROUND MOUNTED
JER - JACKSON EXIT RAMP	BM - BRIDGE MOUNTED
SE - RAMP SE	BS - BREAKAWAY STEEL
WS - RAMP WS	WP - WOOD POST
	OH - OVERHEAD
	TM - TRUSS SUPPORT MOUNTED
	SP - SIGNAL POLE BANDING
	DP - PARADET OP RIED MOUNTED



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DRAWN - MSW	REVISED -
CHECKED - JMG	REVISED -
DATE - 1/29/2019	REVISED -

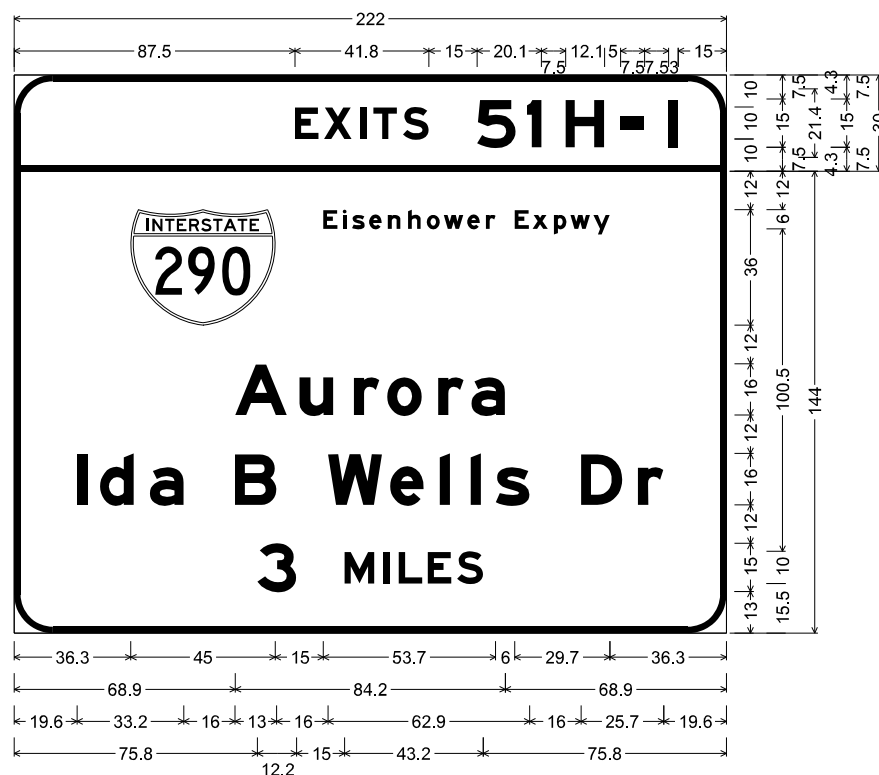
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
EB I-290**

SCALE: 1"=50' SHEET 9 OF 9 SHEETS STA. 5135+00 TO STA. 1507+00

F.A.I. RTE. 90/94/290	SECTION 2015-018R	COUNTY COOK	TOTAL SHEETS 1360	SHEET NO. 640
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62A77	

SIGN DETAIL
1:50



Letter locations are panel edge to lower left corner

12.0" Radius, 2.0" Border, White on Green;
 [EXITS] E Mod 2K specified length; [51] E Mod 2K; [H] E Mod 2K;
 [-] E Mod 2K; [I] E Mod 2K;
 12.0" Radius, 2.0" Border, White on Green;
 [Eisenhower Expwy] E Mod 2K; [Aurora] E Mod 2K;
 [Ida B Wells Dr] E Mod 2K; [3 MILES] E Mod 2K;

Table of letter and object lefts.

E	X	I	T	S	S	I	H	-	I	
87.5	96.6	107.8	112.0	121.2	144.3	159.9	171.9	189.0	204.0	
	E	I	S	E	N	H	O	W	E	R
36.3	96.3	102.4	105.3	110.6	116.4	122.8	128.6	133.9	141.2	147.0
	E	x	p	w	y					
	156.0	161.6	168.2	173.4	180.6					
A	u	r	a							
68.9	88.9	105.9	116.3	132.1	142.5					
I	d	a	B	W	e	I	s	D	r	
19.6	26.8	42.3	68.8	97.8	117.2	132.7	142.3	150.1	176.7	194.4
3	M	I	L	E	S					
75.8	103.0	115.1	119.9	128.9	138.1					

SIGN NUMBER	SB-02-OH
WIDTH x HEIGHT	18'-6" x 14'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective - ZZ
	COLOR: White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	-	-	45	36

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PLOT DATE = 1/23/2020	DATE - 1/29/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

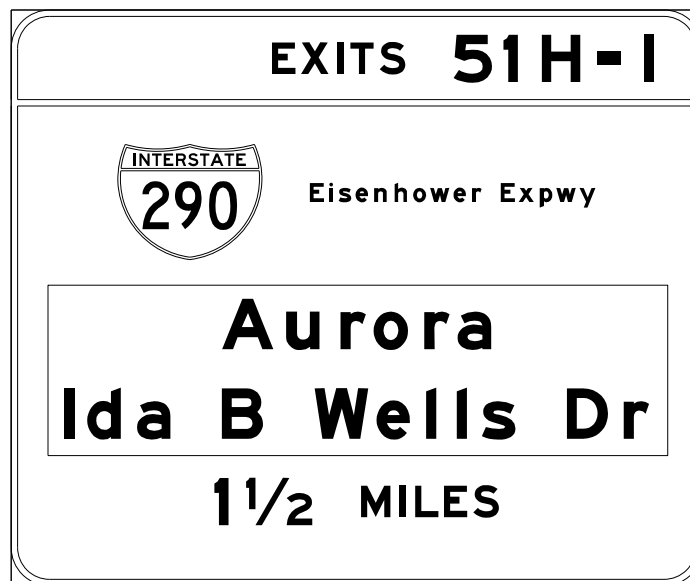
OVERHEAD SIGN STRUCTURES
SIGN PANEL DETAIL

SCALE: 1" = 2.5' SHEET 1 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	641
CONTRACT NO. 62A77			ILLINOIS FED. AID PROJECT	

SIGN DETAIL
1:50

SIGN PANEL OVERLAY
16'-0" X 4'-6"



Letter locations are panel edge to lower left corner

SIGN NUMBER	SB-06-OH
WIDTH x HEIGHT	16'-0" x 4'-6" (OVERLAY)
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective - ZZ
	COLOR: White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	-	-	45	36

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DI62A77-SHT-Sign-Panel-Detail-02.dgn	DESIGNED - MJL	REVISED -
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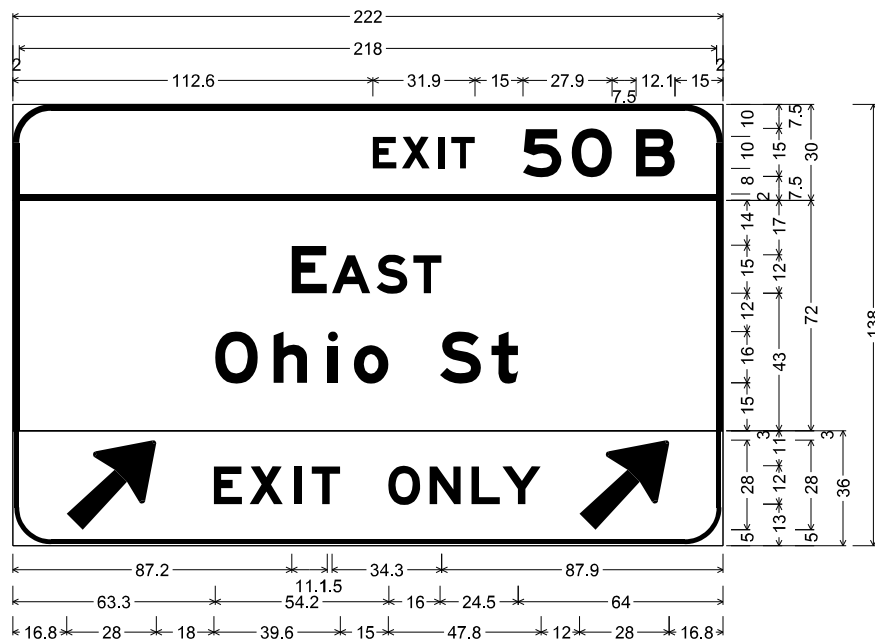
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
SIGN PANEL DETAIL

SCALE: 1" = 2.5' SHEET 2 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	642
CONTRACT NO. 62A77			ILLINOIS FED. AID PROJECT	

SIGN DETAIL
1:50



12.0" Radius, 2.0" Border, White on Green;
 [EXIT] E Mod 2K specified length; [50] E Mod 2K; [B] E Mod 2K;
 12.0" Radius, 2.0" Border, White on Green;
 [EAST] E Mod 2K; [Ohio St] E Mod 2K;
 12.0" Radius, 1.5" Border, 0.5" Indent, Black on Yellow;
 Arrow Custom - 35.6" 45°; [EXIT] E Mod 2K specified length;
 [ONLY] E Mod 2K specified length; Arrow Custom - 35.6" 45°;
 Table of letter and object lefts.

E	X	I	T	5	O	B			
112.6	121.7	132.9	137.1	159.4	174.8	194.9			
2.0									
E	A	S	T						
87.2	99.8	113.7	125.2						
O	h	i	o	S	t				
63.3	81.5	98.5	106.6	133.5	149.7				
↗	E	X	I	T	O	N	L	Y	↘
16.8	62.8	74.1	88.1	93.5	117.4	130.3	143.4	153.0	177.2

Letter locations are panel edge to lower left corner

SIGN NUMBER	SB-12-BM
WIDTH x HEIGHT	18'-6" x 11'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green / Yellow
LEGEND/BORDER	TYPE: Reflective - ZZ
	COLOR: White / Black

SYMBOL	ROT	X	Y	WID	HT
AR_Type A	315	-	-	22.3	35.6
AR_Type A	315	-	-	22.3	35.6

NOTE: ALL ARROWS (DOWN OR 45 DEGREE) USED ON OVERHEAD SIGNS SHALL BE DEMOUNTABLE AND INCLUDED IN THE COST OF THE SIGN PANEL.

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DI62A77-SHT-Sign-Panel-Detail-04.dgn	DESIGNED - MJL	REVISED -
USER NAME = mrc155	DRAWN - MSW	REVISED -
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PLOT DATE = 1/23/2020	DATE - 1/29/2019	REVISED -

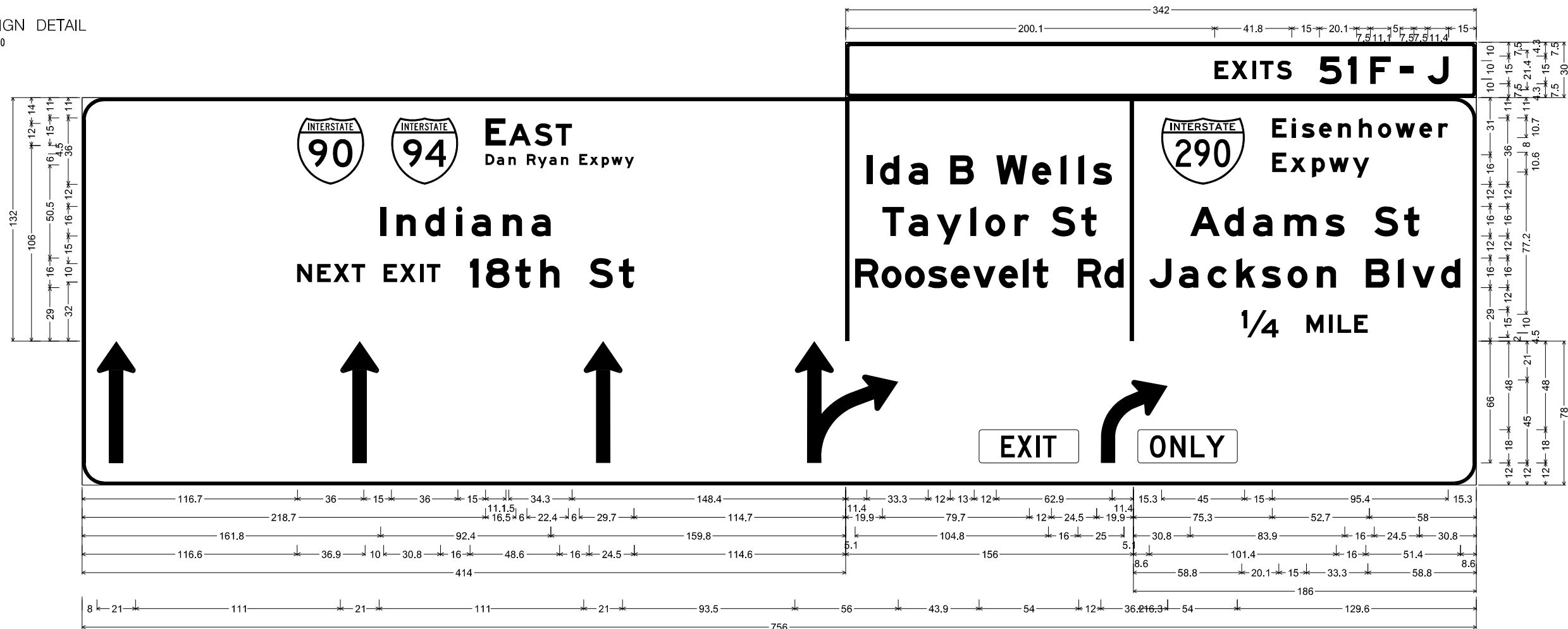
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
SIGN PANEL DETAIL

SCALE: 1" = 2.5' SHEET 4 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	644
CONTRACT NO. 62A77			ILLINOIS FED. AID PROJECT	

SIGN DETAIL
1:50



3.0" Radius, 2.0" Border, White on, Green;

"EXITS", E Mod 2K specified length; "51 F - J", E Mod 2K;

12.0" Radius, 2.0" Border, White on, Green;

"EAST", E Mod 2K; "Dan Ryan Expwy", E Mod 2K; "Indiana", E Mod 2K; "NEXT EXIT 18th St", E Mod 2K;

12.0" Radius, 2.0" Border, White on, Green;

"Ida B Wells", E Mod 2K; "Taylor St", E Mod 2K; "Roosevelt Rd", E Mod 2K 50% spacing;

12.0" Radius, 2.0" Border, White on, Green;

"Eisenhower", E Mod 2K; "Expwy", E Mod 2K; "Adams St", E Mod 2K; "Jackson Blvd", E Mod 2K; "1/4 MILE", E Mod 2K;

12.0" Radius, 2.0" Border, White on, Green;

Standard Arrow Custom 66.0" X 21.0" 90"; Standard Arrow Custom 66.0" X 21.0" 90"; Standard Arrow Custom 66.0" X 21.0" 90"; thru-right arrow; Rounded Rectangle 1.5" Radius Yellow; right arrow; Rounded Rectangle 1.5" Radius Yellow;

Table of letter and object lefts

E	X	I	T	S	S	I	F	J
200.1	209.2	220.4	224.6	233.8	256.9	272.5	284.5	315.6

116.7	167.7	E	A	S	T
218.7	224.9	231.2	241.2	247.0	253.3

D	a	n	R	y	a	n	E	x	p	w	y
218.7	224.9	231.2	241.2	247.0	253.3	259.7	269.6	275.1	281.8	287.0	294.2

I	n	d	i	a	n	a
161.8	170.5	186.0	203.0	211.1	228.1	243.6

N	E	X	T	E	X	I	T	I	B	t	h	S	t
116.6	127.5	136.3	146.1	163.5	172.3	183.1	186.9	210.3	218.9	234.9	248.4	274.9	291.1

I	d	a	B	W	e	I	s
11.4	18.6	34.2	56.7	81.7	101.0	116.6	126.2

T	a	y	I	o	r	S	t
19.9	34.2	49.4	67.6	75.8	91.6	111.6	127.8

R	o	o	s	e	v	e	I	t	R	d
5.1	19.5	32.2	44.6	57.0	69.1	83.0	96.1	101.6	125.9	140.3

E	i	s	e	v	e	I	t	R	d
15.3	75.3	86.0	91.3	100.7	111.0	122.3	132.7	142.0	155.1

E	x	p	w	y
75.3	85.1	96.9	106.1	118.9

A	d	a	m	s	S	t
30.8	49.4	64.9	81.9	104.1	130.7	146.8

J	a	c	k	s	o	n	B	I	v	d
8.6	24.8	40.3	55.8	69.6	83.6	99.5	126.0	143.5	151.3	166.8

1/4	M	I	L	E
58.8	93.9	106.0	110.8	119.8

I	I	I	I	I	I
8.0	140.0	272.0	386.5	486.4	552.4

SIGN NUMBER	SB-19-OH / SB-20-OH
WIDTH x HEIGHT	28'-6" x 2'-6", 63'-0" x 17'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective - Z2
	COLOR: Green / Yellow
LEGEND/BORDER	TYPE: Reflective - Z2
	COLOR: White / Black

NOTE: ALL ARROWS (DOWN OR 45 DEGREE) USED ON OVERHEAD SIGNS SHALL BE DEMOUNTABLE AND INCLUDED IN THE COST OF THE SIGN PANEL.

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	-	-	36	36
M1_1	0	-	-	36	36
M1_1	0	-	-	45	36
AR_THRU	0	-	-	21	66
AR_THRU	0	-	-	21	66
AR_THRU	0	-	-	21	66
AR_THRU_RT	0	-	-	56	66
AR_RT_ONLY	0	-	-	36.2	45

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D162A77-SHT-Sign-Panel-Detail-05.dgn	DESIGNED - MJL	REVISED -
USER NAME = mrc1ss	DRAWN - MSW	REVISED -
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PLOT DATE = 1/23/2020	DATE - 1/29/2019	REVISED -

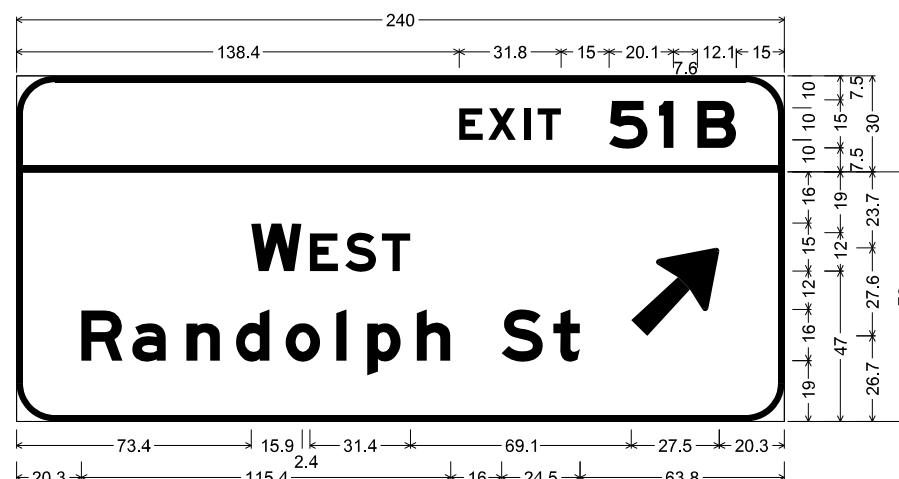
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
SIGN PANEL DETAIL

SCALE: 1" = 2.5' SHEET 5 OF 24 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2015-018R	COUNTY COOK	TOTAL SHEETS 1360	SHEET NO. 645
CONTRACT NO. 62A77			ILLINOIS FED. AID PROJECT	

SIGN DETAIL
1:50



12.0" Radius, 2.0" Border, White on Green;
 [EXIT] E Mod 2K specified length; [51 B] E Mod 2K;
 12.0" Radius, 2.0" Border, White on Green;
 [WEST] E Mod 2K; [Randolph St] E Mod 2K; Arrow 160 - 35.0" 45°;
 Table of letter and object lefts.

E	X	I	T	S	I	B			
138.4	147.5	158.7	162.8	185.2	200.8	212.9			
W	E	S	T	↑					
73.4	91.7	102.7	114.2	192.2					
R	a	n	d	o	i	p	h	S	t
20.3	36.2	53.1	68.6	84.2	100.0	109.6	125.1	151.7	167.8

Letter locations are panel edge to lower left corner

SIGN NUMBER	SB-21-OH
WIDTH x HEIGHT	20'-0" x 9'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective - ZZ
	COLOR: White

SYMBOL	ROT	X	Y	WID	HT
AR_Type A	315	-	-	22.3	35.6

NOTE: ALL ARROWS (DOWN OR 45 DEGREE) USED ON OVERHEAD SIGNS SHALL BE DEMOUNTABLE AND INCLUDED IN THE COST OF THE SIGN PANEL.

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DI62A77-SHT-Sign-Panel-Detail-06.dgn	DESIGNED - MJL	REVISED -
USER NAME = mrc1ss	DRAWN - MSW	REVISED -
PLOT SCALE = 10.0000" / in.	CHECKED - JMG	REVISED -
PLOT DATE = 1/23/2020	DATE - 1/29/2019	REVISED -

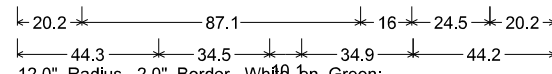
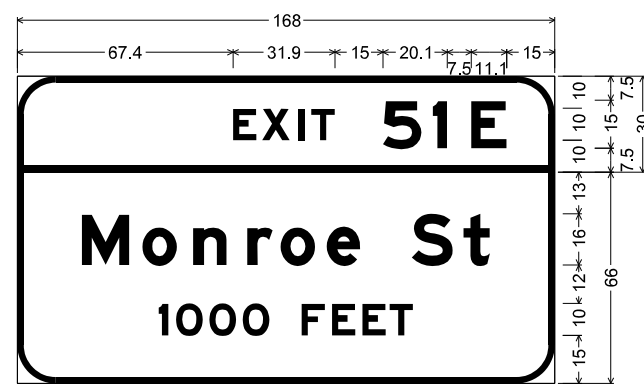
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
SIGN PANEL DETAIL

SCALE: 1" = 2.5' SHEET 6 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	646
CONTRACT NO. 62A77			ILLINOIS FED. AID PROJECT	

SIGN DETAIL
1:50



12.0" Radius, 2.0" Border, White on Green;
 [EXIT] E Mod 2K specified length; [51 E] E Mod 2K;
 12.0" Radius, 2.0" Border, White on Green;
 [Monroe St] E Mod 2K; [1000 FEET] E Mod 2K;
 Table of letter and object lefts.

E	X	I	T	S	1	E	
67.4	76.5	87.7	91.9	114.3	129.9	141.9	
M	o	n	r	o	e	S	t
20.2	39.1	55.0	71.9	82.3	96.7	123.3	139.4
1	0	0	0	F	E	E	T
44.3	49.7	60.1	70.4	88.8	98.3	107.8	116.3

Letter locations are panel edge to lower left corner

SIGN NUMBER	SB-24-BM
WIDTH x HEIGHT	14'-0" x 8'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective - ZZ
	COLOR: White

SYMBOL	ROT	X	Y	WID	HT

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DI62A77-SHT-Sign-Panel-Detail-07.dgn	DESIGNED - MJL	REVISED -
USER NAME = mrc1ss	DRAWN - MSW	REVISED -
PLOT SCALE = 10.0000 / in.	CHECKED - JMG	REVISED -
PLOT DATE = 1/23/2020	DATE - 1/29/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
SIGN PANEL DETAIL

SCALE: 1" = 2.5' SHEET 7 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	647
CONTRACT NO. 62A77			ILLINOIS FED. AID PROJECT	

SIGN DETAIL
1:50



12.0" Radius, 2.0" Border, White on Green;
 [EXIT] E Mod 2K specified length; [51 D] E Mod 2K;
 12.0" Radius, 2.0" Border, White on Green;
 [Madison St] E Mod 2K; [500 FEET] E Mod 2K;
 Table of letter and object lefts.

E	X	I	T	5	I	D		
78.4	87.5	98.7	102.8	125.2	140.8	152.9		
M	a	d	i	s	o	n	S	t
19.9	38.8	54.3	71.3	79.1	93.2	109.0	135.6	151.8
5	O	O	F	E	E	T		
53.1	63.3	73.7	92.1	101.6	111.1	119.6		

Letter locations are panel edge to lower left corner

SIGN NUMBER	SB-25-BM
WIDTH x HEIGHT	15'-0" x 8'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective - ZZ
	COLOR: White

SYMBOL	ROT	X	Y	WID	HT

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SIGN DETAIL
1:50



12.0" Radius, 2.0" Border, White on Green;
 [EXIT] E Mod 2K specified length; [51 E] E Mod 2K;
 12.0" Radius, 2.0" Border, White on Green;
 [Monroe St] E Mod 2K; [500 FEET] E Mod 2K;
 Table of letter and object lefts.

E	X	I	T	5	1	E	
67.4	76.5	87.7	91.9	114.3	129.9	141.9	
M	o	n	r	o	e	S	t
20.2	39.1	55.0	71.9	82.3	96.7	123.3	139.4
5	O	O	F	E	E	T	
47.1	57.3	67.7	86.1	95.6	105.1	113.6	

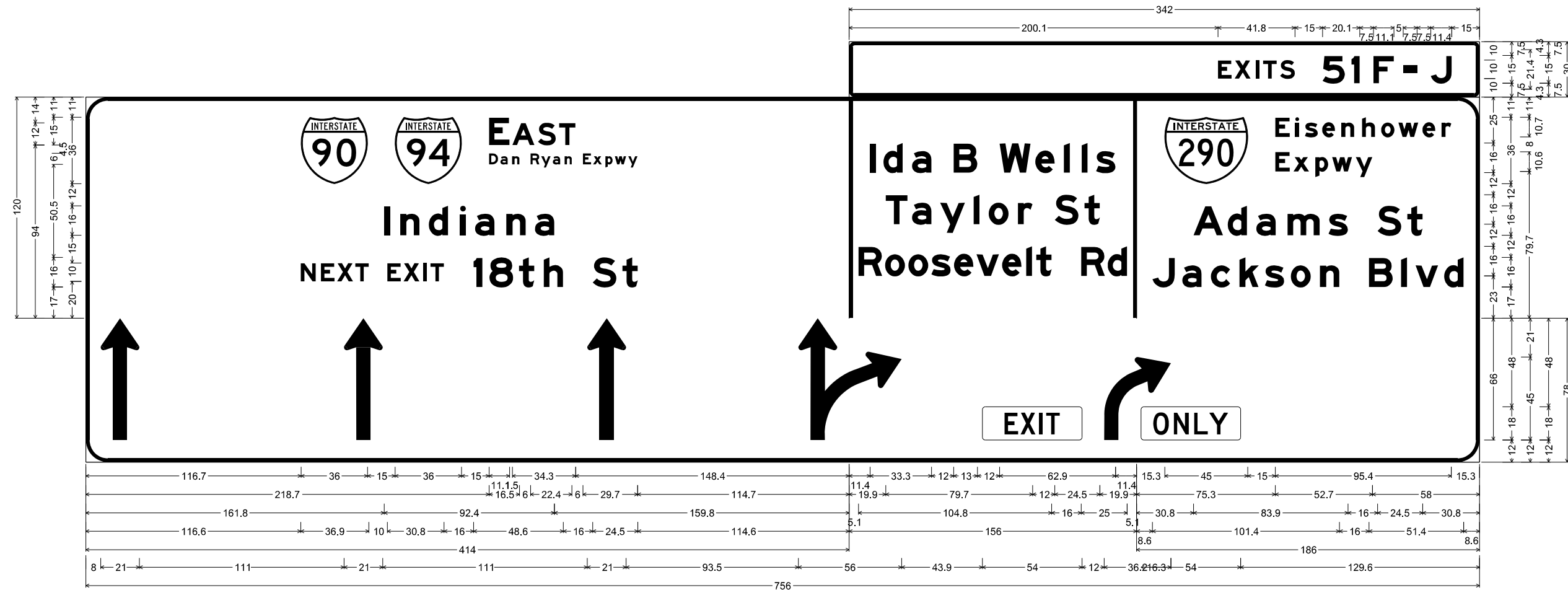
Letter locations are panel edge to lower left corner

SIGN NUMBER	SB-29-BM
WIDTH x HEIGHT	14'-0" x 8'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective - ZZ
	COLOR: White

SYMBOL	ROT	X	Y	WID	HT

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3.0" Radius, 2.0" Border, White on, Green;
 "EXITS", E Mod 2K specified length; "51 F - J", E Mod 2K;
 12.0" Radius, 2.0" Border, White on, Green;
 "EAST", E Mod 2K; "Dan Ryan Expwy", E Mod 2K; "Indiana", E Mod 2K; "NEXT EXIT 18th St", E Mod 2K;
 12.0" Radius, 2.0" Border, White on, Green;
 "Ida B Wells", E Mod 2K; "Taylor St", E Mod 2K; "Roosevelt Rd", E Mod 2K 50% spacing;
 12.0" Radius, 2.0" Border, White on, Green;
 "Eisenhower", E Mod 2K; "Expwy", E Mod 2K; "Adams St", E Mod 2K; "Jackson Blvd", E Mod 2K;
 12.0" Radius, 2.0" Border, White on, Green;
 Standard Arrow Custom 66.0" X 21.0" 90"; Standard Arrow Custom 66.0" X 21.0" 90"; Standard Arrow Custom 66.0" X 21.0" 90"; thru-right arrow; Rounded Rectangle 1.5" Radius Yellow;
 right arrow; Rounded Rectangle 1.5" Radius Yellow;

Table of letter and object lefts

E	X	I	T	S	F	J
200.1	209.2	220.4	224.6	233.8	256.9	272.5
284.5	300.6	315.6				

D	a	n	R	y	a	n	E	x	p	w	y
218.7	224.9	231.2	241.2	247.0	253.3	259.7	269.6	275.1	281.8	287.0	294.2

I	n	d	i	a	n	a
161.8	170.5	186.0	203.0	211.1	228.1	243.6

N	E	X	T	E	X	I	T	I	B	t	h	S	t
116.6	127.5	136.3	146.1	163.5	172.3	183.1	186.9	210.3	218.9	234.9	248.4	274.9	291.1

I	d	a	B	W	e	I	I	s
11.4	18.6	34.2	56.7	81.7	101.0	116.6	126.2	134.0

T	a	y	I	o	r	S	t
19.9	34.2	49.4	67.6	75.8	91.6	111.6	127.8

R	o	s	e	v	e	I	t	R	d
5.1	19.5	32.2	44.6	57.0	69.1	83.0	96.1	101.6	125.9

E	i	s	e	n	h	o	w	e	r
15.3	75.3	86.0	91.3	100.7	111.0	122.3	132.7	142.0	155.1

E	x	p	w	y
75.3	85.1	96.9	106.1	118.9

A	d	a	m	s	S	t
30.8	49.4	64.9	81.9	104.1	130.7	146.8

J	a	c	k	s	o	n	B	I	v	d
8.6	24.8	40.3	55.8	69.6	83.6	99.5	126.0	143.5	151.3	166.8

I	I	r	o	r	o
8.0	140.0	272.0	386.5	486.4	552.4

SIGN NUMBER	SB-34-OH / SB-35-OH
WIDTH x HEIGHT	28'-6" x 2'-6", 63'-0" x 16'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green / Yellow
LEGEND/BORDER	TYPE: Reflective - ZZ
	COLOR: White / Black

NOTE: ALL ARROWS (DOWN OR 45 DEGREE) USED ON OVERHEAD SIGNS SHALL BE DEMOUNTABLE AND INCLUDED IN THE COST OF THE SIGN PANEL.

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	-	-	36	36
M1_1	0	-	-	36	36
M1_1	0	-	-	45	36
AR_THRU	0	-	-	21	66
AR_THRU	0	-	-	21	66
AR_THRU	0	-	-	21	66
AR_THRU_RT	0	-	-	56	66
AR_RT_ONLY	0	-	-	36.2	45



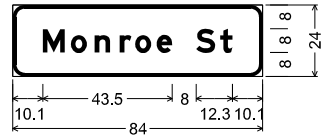
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PLOT SCALE = 10.0000 "/ in.	CHECKED - JMG	REVISED -
PLOT DATE = 1/23/2020	DATE - 1/29/2019	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES SIGN PANEL DETAIL			
SCALE: 1" = 2.5'	SHEET 10	OF 24 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	650
CONTRACT NO. 62A77			ILLINOIS FED. AID PROJECT	

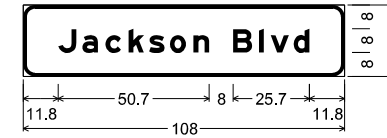
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4.0" Radius, 1.3" Border, White on, Green;
"Monroe St", E Mod 2K;
Table of letter and object lefts

M	o	n	r	o	e
10.1	19.6	27.5	36.0	41.2	48.4
S	t				
61.6	69.7				

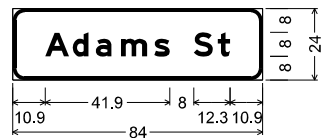
SIGN NUMBER	SB-37A-PP
WIDTH x HEIGHT	7'-0" X 2'-0"
BORDER WIDTH	1.3"
CORNER RADIUS	4.0"
MOUNTING	Parapet
BACKGROUND	TYPE: Reflective - ZZ COLOR: Green
LEGEND/BORDER	TYPE: Reflective - ZZ COLOR: White



4.0" Radius, 1.3" Border, White on, Green;
"Jackson Blvd", E Mod 2K;
Table of letter and object lefts

J	a	c	k	s	o	n
11.8	19.9	27.6	35.4	42.3	49.3	57.2
B	l	v	d			
70.5	79.2	83.2	90.9			

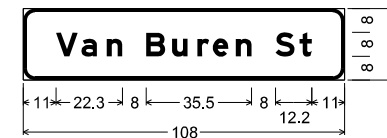
SIGN NUMBER	SB-52A-PP
WIDTH x HEIGHT	9'-0" X 2'-0"
BORDER WIDTH	1.3"
CORNER RADIUS	4.0"
MOUNTING	Parapet
BACKGROUND	TYPE: Reflective - ZZ COLOR: Green
LEGEND/BORDER	TYPE: Reflective - ZZ COLOR: White



4.0" Radius, 1.3" Border, White on, Green;
"Adams St", E Mod 2K;
Table of letter and object lefts

A	d	a	m	s
10.9	20.2	28.0	36.4	47.6
S	t			
60.8	68.9			

SIGN NUMBER	SB-44-PP
WIDTH x HEIGHT	7'-0" X 2'-0"
BORDER WIDTH	1.3"
CORNER RADIUS	4.0"
MOUNTING	PARAPET
BACKGROUND	TYPE: Reflective - ZZ COLOR: Green
LEGEND/BORDER	TYPE: Reflective - ZZ COLOR: White



4.0" Radius, 1.3" Border, White on, Green;
"Van Buren St", E Mod 2K;
Table of letter and object lefts

V	a	n		
11.0	19.6	28.0		
B	u	r	e	n
41.3	50.0	58.5	63.7	71.5
S	t			
84.8	92.8			

SIGN NUMBER	SB-53-PP
WIDTH x HEIGHT	9'-0" X 2'-0"
BORDER WIDTH	1.3"
CORNER RADIUS	4.0"
MOUNTING	Parapet
BACKGROUND	TYPE: Reflective - ZZ COLOR: Green
LEGEND/BORDER	TYPE: Reflective - ZZ COLOR: White



D162A77-SHT-Sign-Panel-Detail-12.dgn	DESIGNED - MJL	REVISED -
USER NAME = mrc155	DRAWN - MSW	REVISED -
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PLOT DATE = 1/23/2020	DATE - 1/29/2019	REVISED -

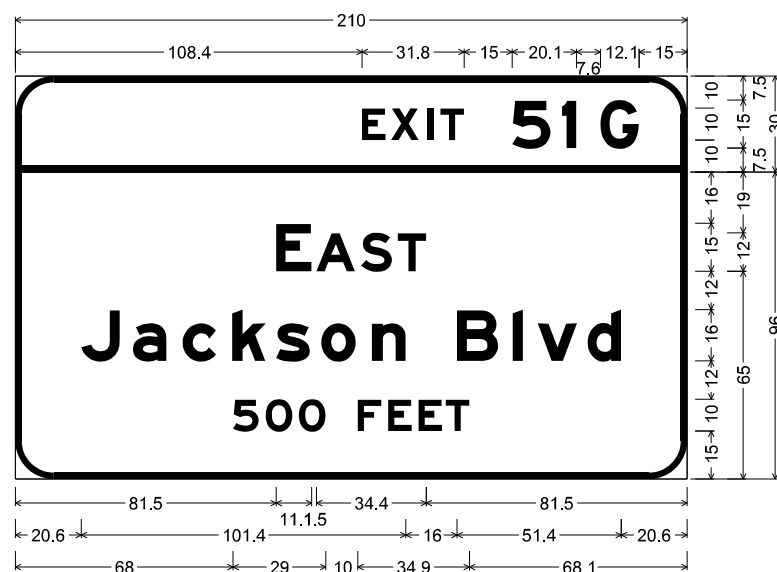
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
SIGN PANEL DETAIL

SCALE: 1" = 2.5' SHEET 11 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1360	651
CONTRACT NO. 62A77			ILLINOIS FED. AID PROJECT	

SIGN DETAIL
1:50



12.0" Radius, 2.0" Border, White on Green;
 [EXIT] E Mod 2K specified length; [51 G] E Mod 2K;
 12.0" Radius, 2.0" Border, White on Green;
 [EAST] E Mod 2K; [Jackson Blvd] E Mod 2K; [500 FEET] E Mod 2K;

Table of letter and object lefts.

E	X	I	T	S	I	G				
108.4	117.5	128.7	132.8	155.2	170.8	182.9				
E	A	S	T							
81.5	94.1	108.1	119.6							
J	a	c	k	s	o	n	B	l	v	d
20.6	36.8	52.3	67.8	81.6	95.6	111.5	138.0	155.5	163.3	178.8
S	O	O	F	E	E	T				
68.0	78.2	88.6	107.0	116.5	126.0	134.5				

Letter locations are panel edge to lower left corner

SIGN NUMBER	SB-41-BM
WIDTH x HEIGHT	17'-6" x 10'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective - ZZ
	COLOR: White

SYMBOL	ROT	X	Y	WID	HT

FILE PATH = p:\NECOM\NA-NV5\electcom\line\local\COM_DS02_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\006_Roadway\Sheets\62A77_Contract\0162A77-SHT-Sign-Panel-Detail-13.dgn



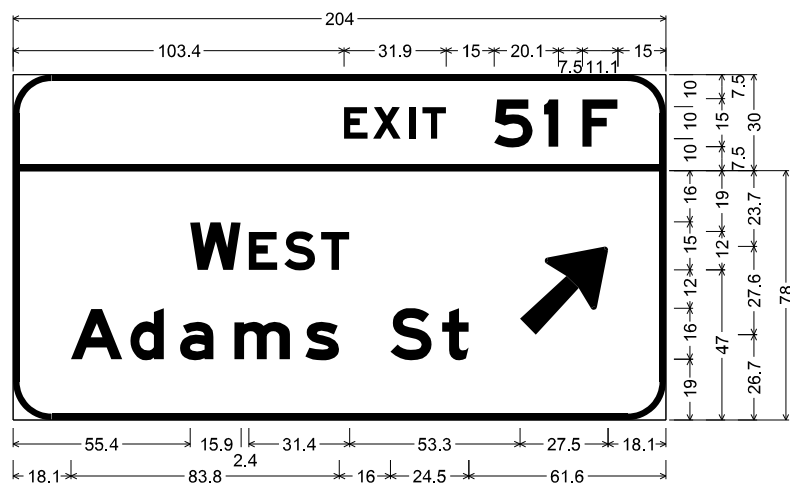
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PLOT SCALE = 10.0000" / in.	CHECKED - JMG	REVISED -
PLOT DATE = 1/23/2020	DATE - 1/29/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

OVERHEAD SIGN STRUCTURES SIGN PANEL DETAIL			
SCALE: 1" = 2.5'	SHEET 12 OF 24 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	652
CONTRACT NO. 62A77			ILLINOIS FED. AID PROJECT	

SIGN DETAIL
1:50



12.0" Radius, 2.0" Border, White on Green;
 [EXIT] E Mod 2K specified length; [51 F] E Mod 2K;
 12.0" Radius, 2.0" Border, White on Green;
 [WEST] E Mod 2K; [Adams St] E Mod 2K; Arrow 160 - 35.0" 45°;
 Table of letter and object lefts.

E	X	I	T	S	1	F
103.4	112.5	123.7	127.9	150.3	165.9	177.9
W	E	S	T	↑		
55.4	73.7	84.7	96.2	158.4		
A	d	a	m	s	S	t
18.1	36.6	52.2	69.1	91.4	117.9	134.1

Letter locations are panel edge to lower left corner

SIGN NUMBER	SB-42-BM
WIDTH x HEIGHT	17'-0" x 9'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective - ZZ
	COLOR: White

SYMBOL	ROT	X	Y	WID	HT
AR_Type A	315	-	-	22.3	35.6

NOTE: ALL ARROWS (DOWN OR 45 DEGREE)
 USED ON OVERHEAD SIGNS SHALL BE
 DEMOUNTABLE AND INCLUDED IN THE
 COST OF THE SIGN PANEL.

FILE PATH = p:\NECOM\NA-NV5\elecmon\line\local\COM_DS02_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\006_Roadway\Sheets\62A77_Contract\0162A77-SHT-Sign-Panel-Detail-14.dgn



DI62A77-SHT-Sign-Panel-Detail-14.dgn	DESIGNED - MJL	REVISED -
USER NAME = mrc155	DRAWN - MSW	REVISED -
PLOT SCALE = 10.0000" / in.	CHECKED - JMG	REVISED -
PLOT DATE = 1/23/2020	DATE - 1/29/2019	REVISED -

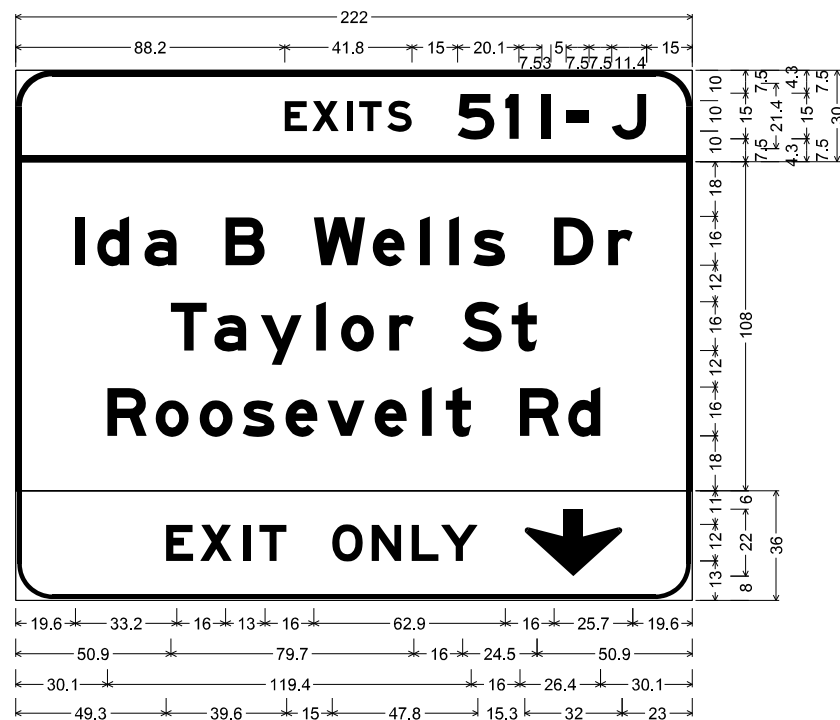
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
SIGN PANEL DETAIL

SCALE: 1" = 2.5' SHEET 13 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	653
CONTRACT NO. 62A77			ILLINOIS FED. AID PROJECT	

SIGN DETAIL
1:50



12.0" Radius, 2.0" Border, White on, Green;
"EXITS", E Mod 2K specified length; "511 - J", E Mod 2K;

12.0" Radius, 2.0" Border, White on, Green;
"Ida B Wells Dr", E Mod 2K; "Taylor St", E Mod 2K;
"Roosevelt Rd", E Mod 2K;

12.0" Radius, 1.5" Border, 0.5" Indent, Black on, Yellow;
"EXIT", E Mod 2K specified length; "ONLY", E Mod 2K specified length;
Down Arrow 22.0" 270°;

Table of letter and object lefts

E	X	I	T	S	S	I	I	-	J	
88.2	97.3	108.5	112.7	121.9	145.0	160.6	172.6	180.6	195.6	
I	d	a	B	W	e	l	l	s	D	r
19.6	26.8	42.3	68.8	97.8	117.2	132.7	142.3	150.1	176.7	194.4
T	a	y	l	o	r	S	t			
50.9	65.2	80.4	98.6	106.8	122.6	146.6	162.8			
R	o	o	s	e	v	e	l	t	R	d
30.1	46.0	60.4	74.4	88.5	102.3	117.8	133.3	141.2	165.5	181.3
E	X	I	T	O	N	L	Y	↓		
49.3	60.6	74.6	80.0	103.9	116.8	129.9	139.5	167.0		

Letter locations are panel edge to lower left corner

SIGN NUMBER	SB-45-BM
WIDTH x HEIGHT	18'-6" x 14'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green / Yellow
LEGEND/BORDER	TYPE: Reflective - ZZ
	COLOR: White / Black

SYMBOL	ROT	X	Y	WID	HT
AR_Down	0	-	-	32	22

NOTE: ALL ARROWS (DOWN OR 45 DEGREE) USED ON OVERHEAD SIGNS SHALL BE DEMOUNTABLE AND INCLUDED IN THE COST OF THE SIGN PANEL.

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DI62A77-SHT-Sign-Panel-Detail-15.dgn	DESIGNED - MJL	REVISED -
USER NAME = mrc155	DRAWN - MSW	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 1/23/2020	DATE - 1/29/2019	REVISED -

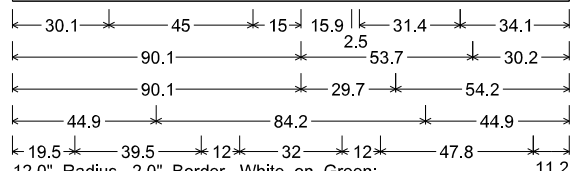
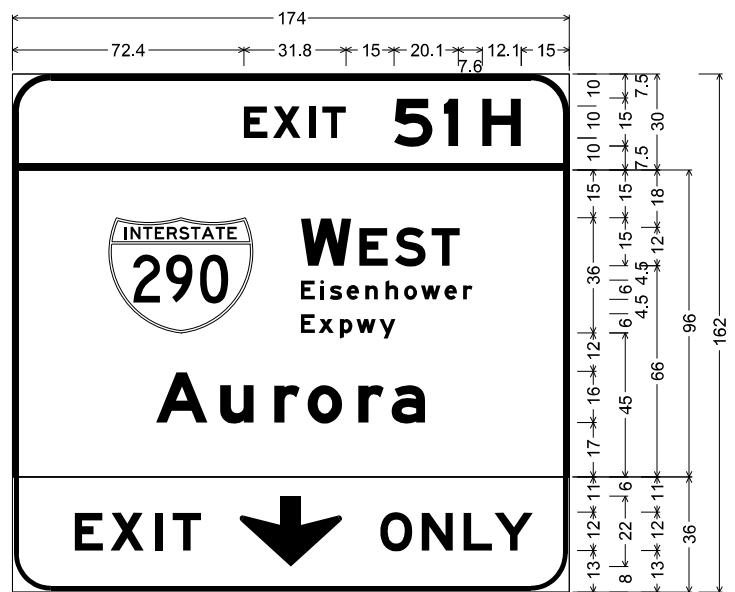
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
SIGN PANEL DETAIL

SCALE: 1" = 2.5' SHEET 14 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	654
CONTRACT NO. 62A77			ILLINOIS FED. AID PROJECT	

SIGN DETAIL
1:50



12.0" Radius, 2.0" Border, White on Green;
 [EXIT] E Mod 2K specified length; [51 H] E Mod 2K;
 12.0" Radius, 2.0" Border, White on Green;
 [WEST] E Mod 2K; [Eisenhower] E Mod 2K;
 [Expwy] E Mod 2K; [Aurora] E Mod 2K;
 12.0" Radius, 1.5" Border, 0.5" Indent, Black on Yellow;
 [EXIT] E Mod 2K specified length; Down Arrow 22.0" 270°;
 [ONLY] E Mod 2K specified length;

Table of letter and object lefts.

E	X	I	T	5	I	H			
72.4	81.5	92.7	96.8	119.2	134.8	146.9			
30.1	90.1	108.5	119.5	131.0					
E	i	s	e	n	h	o	w	e	r
90.1	96.2	99.1	104.4	110.2	116.6	122.4	127.7	135.0	140.8
E	x	p	w	y					
90.1	95.7	102.3	107.5	114.7					
A	u	r	o	r	a				
44.9	64.9	81.9	92.3	108.1	118.5				
E	X	I	T	↓	O	N	L	Y	
19.5	30.7	44.7	50.1	71.0	115.0	128.0	141.1	150.7	

Letter locations are panel edge to lower left corner

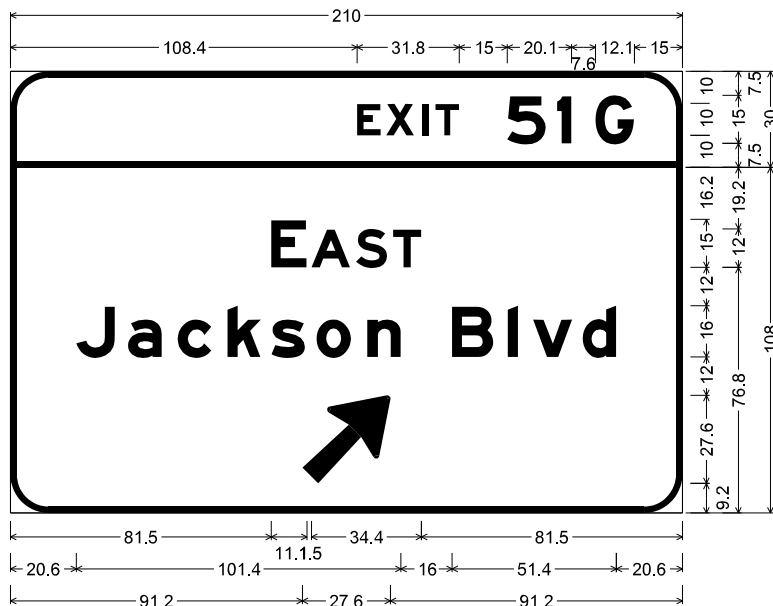
SIGN NUMBER	SB-46-BM
WIDTH x HEIGHT	14'-6" x 13'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green / Yellow
LEGEND/BORDER	TYPE: Reflective - ZZ
	COLOR: White / Black

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	-	-	45	36
AR_Down	0	-	-	32	22

NOTE: ALL ARROWS (DOWN OR 45 DEGREE) USED ON OVERHEAD SIGNS SHALL BE DEMOUNTABLE AND INCLUDED IN THE COST OF THE SIGN PANEL.

FILE PATH = p:\NECOM\NA-NV5\elecmon\line\local\COM_DS02_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\006_Roadway_Sheets\62A77_Contract\0162A77-SHT-Sign-Panel-Detail-16.dgn

SIGN DETAIL
1:50



12.0" Radius, 2.0" Border, White on Green;
 [EXIT] E Mod 2K specified length; [51 G] E Mod 2K;
 12.0" Radius, 2.0" Border, White on Green;
 [EAST] E Mod 2K; [Jackson Blvd] E Mod 2K; Arrow 160 - 35.0" 45";
 Table of letter and object lefts.

E	X	I	T	S	I	G				
108.4	117.5	128.7	132.8	155.2	170.8	182.9				
E	A	S	T							
81.5	94.1	108.1	119.6							
J	a	c	k	s	o	n	B	l	v	d
20.6	36.8	52.3	67.8	81.6	95.6	111.5	138.0	155.5	163.3	178.8
↗										
91.2										

Letter locations are panel edge to lower left corner

SIGN NUMBER	SB-47-BM
WIDTH x HEIGHT	17'-6" x 11'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective - ZZ
	COLOR: White

SYMBOL	ROT	X	Y	WID	HT
AR_Type A	315	-	-	22.3	35.6

NOTE: ALL ARROWS (DOWN OR 45 DEGREE)
 USED ON OVERHEAD SIGNS SHALL BE
 DEMOUNTABLE AND INCLUDED IN THE
 COST OF THE SIGN PANEL.

FILE PATH = p:\NECOM\NA-NV5\electcom\lne\local\lne\COM_DS02_NA\Documents\01_Americas\Transportation\60269938_Circle Phase_1\000_CAD\006_Roadway_Sheets\62A77_Contract\0162A77-SHT-Sign-Panel-Detail-17.dgn



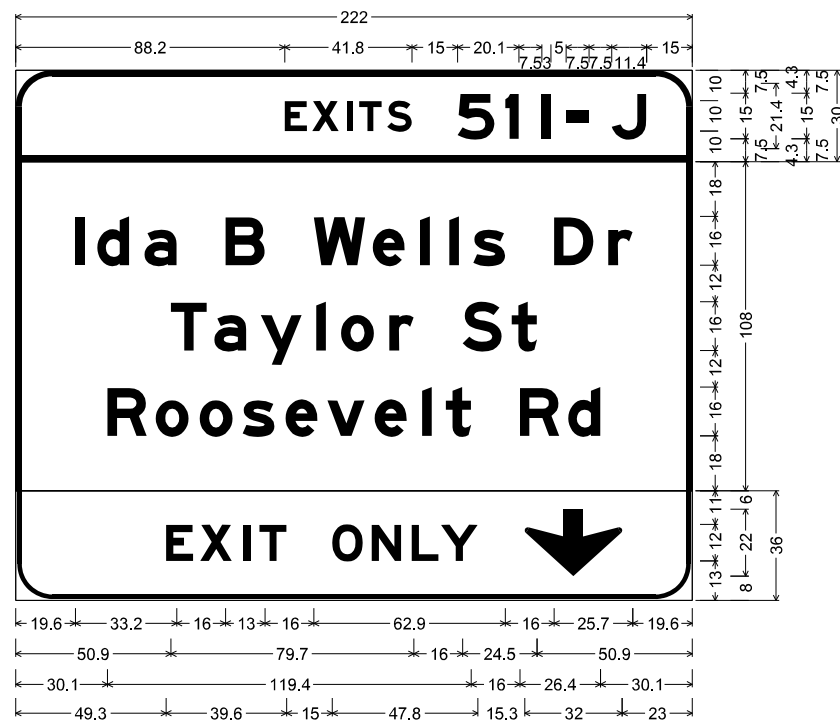
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PLOT SCALE = 10.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 1/23/2020	DATE - 1/29/2019	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

OVERHEAD SIGN STRUCTURES SIGN PANEL DETAIL			
SCALE: 1" = 2.5'	SHEET 16	OF 24 SHEETS	STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2015-018R	COUNTY COOK	TOTAL SHEETS 1360	SHEET NO. 656
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				

SIGN DETAIL
1:50



Letter locations are panel edge to lower left corner

SIGN NUMBER	SB-50-BM
WIDTH x HEIGHT	18'-6" x 14'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green / Yellow
LEGEND/BORDER	TYPE: Reflective - ZZ
	COLOR: White / Black

SYMBOL	ROT	X	Y	WID	HT
AR_Down	0	-	-	32	22

NOTE: ALL ARROWS (DOWN OR 45 DEGREE) USED ON OVERHEAD SIGNS SHALL BE DEMOUNTABLE AND INCLUDED IN THE COST OF THE SIGN PANEL.

12.0" Radius, 2.0" Border, White on, Green;
"EXITS", E Mod 2K specified length; "51 I - J", E Mod 2K;

12.0" Radius, 2.0" Border, White on, Green;
"Ida B Wells Dr", E Mod 2K; "Taylor St", E Mod 2K;
"Roosevelt Rd", E Mod 2K;

12.0" Radius, 1.5" Border, 0.5" Indent, Black on, Yellow;
"EXIT", E Mod 2K specified length; "ONLY", E Mod 2K specified length;
Down Arrow 22.0" 270°;

Table of letter and object lefts

E	X	I	T	S	S	I	I	-	J		
88.2	97.3	108.5	112.7	121.9	145.0	160.6	172.6	180.6	195.6		
I	d	a	B	W	e	I	I	s	D	r	194.4
19.6	26.8	42.3	68.8	97.8	117.2	132.7	142.3	150.1	176.7	194.4	
T	a	y	I	o	r	S	t				
50.9	65.2	80.4	98.6	106.8	122.6	146.6	162.8				
R	o	o	s	e	v	e	I	t	R	d	181.3
30.1	46.0	60.4	74.4	88.5	102.3	117.8	133.3	141.2	165.5	181.3	
E	X	I	T	O	N	L	Y	↓			
49.3	60.6	74.6	80.0	103.9	116.8	129.9	139.5	167.0			

FILE PATH = p:\NECOM\NH-AV5\elecmon\line\local\COM_DS02_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\006_Roadway_Sheets\62A77_Contract\0162A77-SHT-Sign-Panel-Detail-18.dgn



DI62A77-SHT-Sign-Panel-Detail-18.dgn	DESIGNED - MJL	REVISED -
USER NAME = mrc155	DRAWN - MSW	REVISED -
PLOT SCALE = 10.0000 / in.	CHECKED - JMG	REVISED -
PLOT DATE = 1/23/2020	DATE - 1/29/2019	REVISED -

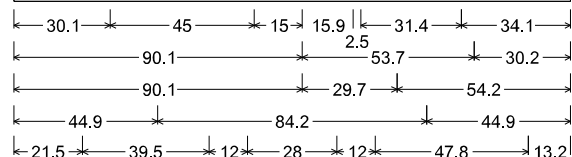
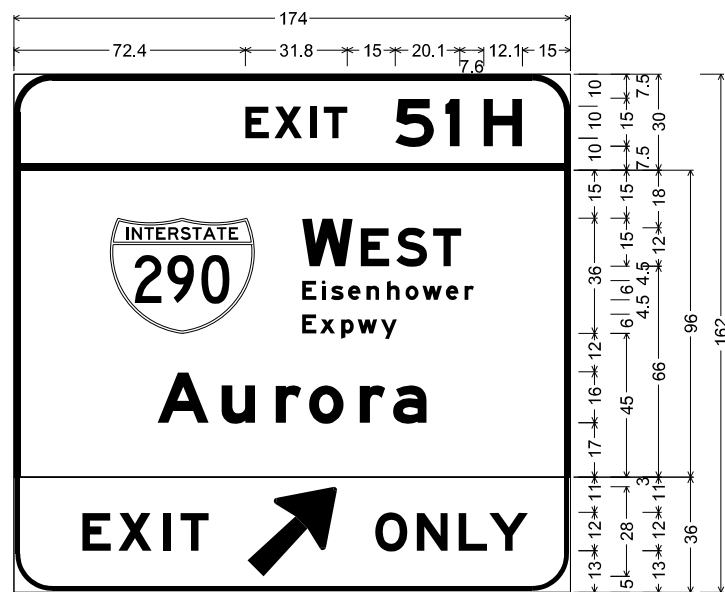
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
SIGN PANEL DETAIL

SCALE: 1" = 2.5' SHEET 17 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	657
CONTRACT NO. 62A77			ILLINOIS FED. AID PROJECT	

SIGN DETAIL
1:50



12.0" Radius, 2.0" Border, White on Green;
 [EXIT] E Mod 2K specified length; [51 H] E Mod 2K;
 12.0" Radius, 2.0" Border, White on Green;
 [WEST] E Mod 2K; [Eisenhower] E Mod 2K;
 [Expwy] E Mod 2K; [Aurora] E Mod 2K;
 12.0" Radius, 1.5" Border, 0.5" Indent, Black on Yellow;
 [EXIT] E Mod 2K specified length; Arrow Custom - 35.6" 45°;
 [ONLY] E Mod 2K specified length;
 Table of letter and object lefts.

E	X	I	T	5	1	H			
72.4	81.5	92.7	96.8	119.2	134.8	146.9			
	W	E	S	T					
30.1	90.1	108.5	119.5	131.0					
E	i	s	e	n	h	o	w	e	r
90.1	96.2	99.1	104.4	110.2	116.6	122.4	127.7	135.0	140.8
E	x	p	w	y					
90.1	95.7	102.3	107.5	114.7					
A	u	r	o	r	a				
44.9	64.9	81.9	92.3	108.1	118.5				
E	X	I	T	↗	O	N	L	Y	
21.5	32.7	46.7	52.1	73.0	113.0	126.0	139.1	148.7	

Letter locations are panel edge to lower left corner

SIGN NUMBER	SB-51-BM
WIDTH x HEIGHT	14'-6" x 13'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green / Yellow
LEGEND/BORDER	TYPE: Reflective - ZZ
	COLOR: White / Black

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	-	-	45	36
AR_Type A	315	-	-	22.3	35.6

NOTE: ALL ARROWS (DOWN OR 45 DEGREE) USED ON OVERHEAD SIGNS SHALL BE DEMOUNTABLE AND INCLUDED IN THE COST OF THE SIGN PANEL.

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PLOT DATE = 1/23/2020	DATE - 1/29/2019	REVISED -

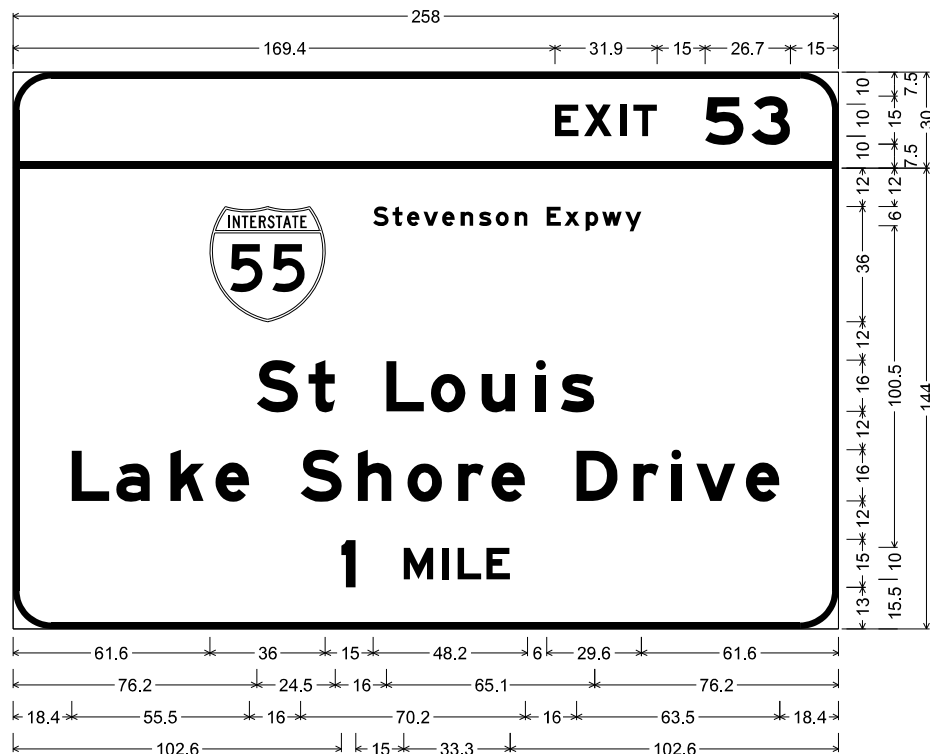
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
SIGN PANEL DETAIL

SCALE: 1" = 2.5' SHEET 18 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	658
CONTRACT NO. 62A77			ILLINOIS FED. AID PROJECT	

SIGN DETAIL
1:50



12.0" Radius, 2.0" Border, White on Green;
 [EXIT] E Mod 2K specified length; [53] E Mod 2K;
 12.0" Radius, 2.0" Border, White on Green;
 [Stevenson Expwy] E Mod 2K; [St Louis] E Mod 2K; [Lake Shore Drive] E Mod 2K;
 [1 MILE] E Mod 2K;

Table of letter and object lefts.

E	X	I	T	S	3									
169.4	178.5	189.7	193.9	216.3	230.9									
	S	t	e	v	e	n	s	o	n	E	x	p	w	y
61.6	112.6	118.6	123.1	128.3	134.1	139.9	145.6	150.9	156.8	166.8	172.3	179.0	184.1	191.3
S	t	L	o	u	i	s								
76.2	92.4	116.7	130.6	146.4	163.4	171.2								
L	a	k	e	S	h	o	r	e	D	r	i	v	e	
18.4	32.3	49.2	63.3	89.9	107.8	123.3	139.2	149.6	176.1	193.9	205.7	213.6	229.1	
1	M	I	L	E										
102.6	122.1	134.2	139.0	148.0										

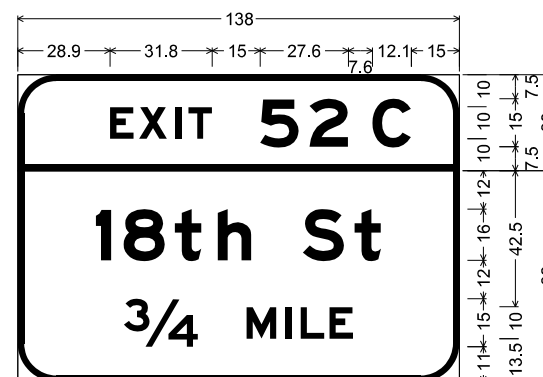
Letter locations are panel edge to lower left corner

SIGN NUMBER	SB-55-OH
WIDTH x HEIGHT	21'-6" x 14'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective - ZZ
	COLOR: White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	-	-	36	36

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SIGN DETAIL
1:50



12.0" Radius, 2.0" Border, White on Green;
 [EXIT] E Mod 2K specified length;
 [52 C] E Mod 2K;
 12.0" Radius, 2.0" Border, White on Green;
 [18th St] E Mod 2K; [3/4 MILE] E Mod 2K;
 Table of letter and object lefts.

E	X	I	T	5	2	C
28.9	38.0	49.2	53.3	75.7	91.2	110.8
l	B	t	h	S	t	
24.4	33.1	49.1	62.5	89.1	105.2	
3/4	M	I	L	E		
33.2	71.5	83.6	88.4	97.4		

Letter locations are panel edge to lower left corner

SIGN NUMBER	SB-56-OH
WIDTH x HEIGHT	11'-6" x 8'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective - ZZ
	COLOR: White

SYMBOL	ROT	X	Y	WID	HT

FILE PATH = p:\NECOM\NA-NV5\elecmon\line\local\COM_DS02_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\006_Roadway_Sheets\62A77_Contract\0162A77-SHT-Sign-Panel-Detail-23.dgn



DI62A77-SHT-Sign-Panel-Detail-23.dgn	DESIGNED - MJL	REVISED -
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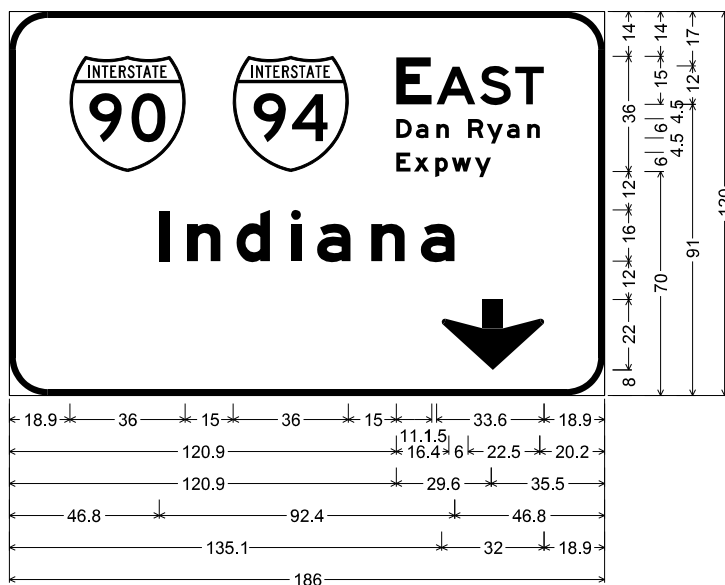
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
SIGN PANEL DETAIL

SCALE: 1" = 2.5' SHEET 20 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	660
CONTRACT NO. 62A77			ILLINOIS FED. AID PROJECT	

SIGN DETAIL
1:50



12.0" Radius, 2.0" Border, White on, Green;
 "E" E Mod 2K "AST", E 2K; "Dan Ryan", E Mod 2K;
 "Expwy", E Mod 2K; "Indiana", E Mod 2K;
 Down Arrow 22.0" 270;

Table of letter and object lefts

90	94	E	A	S	T	
18.9	69.9	120.9	133.5	147.1	158.1	
D	a	n	R	y	a	n
120.9	127.0	133.4	143.3	149.2	155.5	161.8
E	x	p	w	y		
120.9	126.4	133.1	138.2	145.4		
I	n	d	i	a	n	a
46.8	55.5	71.0	88.0	96.1	113.1	128.6
↓						
135.1						

Letter locations are panel edge to lower left corner

SIGN NUMBER	SB-57-OH
WIDTH x HEIGHT	15'-6" x 10'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective - ZZ
	COLOR: White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	-	-	36	36
M1_1	0	-	-	36	36
AR_Down	0	-	-	32	22

NOTE: ALL ARROWS (DOWN OR 45 DEGREE)
 USED ON OVERHEAD SIGNS SHALL BE
 DEMOUNTABLE AND INCLUDED IN THE
 COST OF THE SIGN PANEL.

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DI62A77-SHT-Sign-Panel-Detail-24.dgn	DESIGNED - MJL	REVISED -
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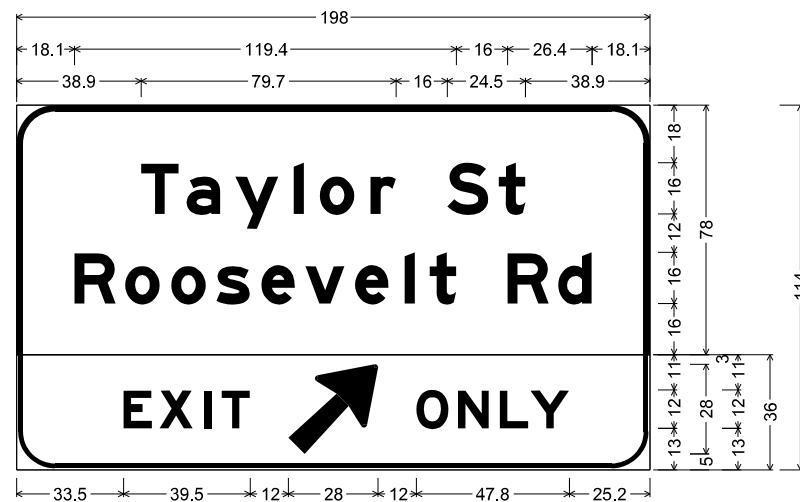
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
SIGN PANEL DETAIL

SCALE: 1" = 2.5' SHEET 21 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	661
CONTRACT NO. 62A77			ILLINOIS FED. AID PROJECT	

SIGN DETAIL
1:50



12.0" Radius, 2.0" Border, White on Green;
 [Taylor St] E Mod 2K; [Roosevelt Rd] E Mod 2K;
 12.0" Radius, 1.5" Border, 0.5" Indent, Black on Yellow;
 [EXIT] E Mod 2K specified length; Arrow Custom - 35.6" 45°;
 [ONLY] E Mod 2K specified length;
 Table of letter and object lefts.

T	a	y	i	o	r	S	t			
38.9	53.2	68.4	86.6	94.8	110.6	134.6	150.8			
R	o	o	s	e	v	e	i	t	R	d
18.1	34.0	48.4	62.4	76.5	90.3	105.8	121.3	129.2	153.5	169.3
E	X	I	T	↗	O	N	L	Y		
33.5	44.7	58.7	64.1	85.0	125.0	138.0	151.1	160.7		

Letter locations are panel edge to lower left corner

SIGN NUMBER	SB-58-OH
WIDTH x HEIGHT	16'-6" x 9'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green / Yellow
LEGEND/BORDER	TYPE: Reflective - ZZ
	COLOR: White / Black

SYMBOL	ROT	X	Y	WID	HT
AR_Type A	315	-	-	22.3	35.6

NOTE: ALL ARROWS (DOWN OR 45 DEGREE) USED ON OVERHEAD SIGNS SHALL BE DEMOUNTABLE AND INCLUDED IN THE COST OF THE SIGN PANEL.

FILE PATH = p:\NECOM\NA-NV5\elecmon\line\local\COM_DS02_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase-1\000_CAD\006_Roadway_Sheets\62A77_Contract\0162A77-SHT-Sign-Panel-Detail-25.dgn



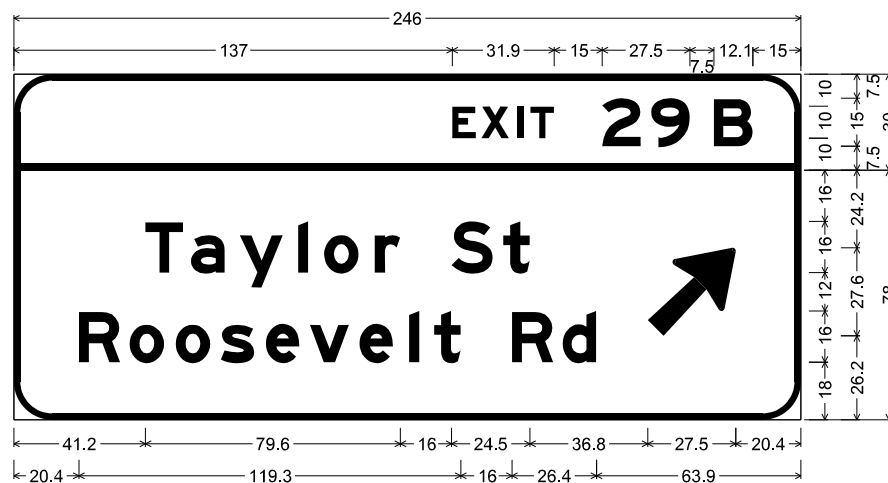
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PLOT SCALE = 10.0000 / in.	CHECKED - JMG	REVISED -
PLOT DATE = 1/23/2020	DATE - 1/29/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES SIGN PANEL DETAIL			
SCALE: 1" = 2.5'	SHEET 22	OF 24 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	662
CONTRACT NO. 62A77				ILLINOIS FED. AID PROJECT

SIGN DETAIL
1:50



12.0" Radius, 2.0" Border, White on, Green;
 "EXIT", E Mod 2K specified length; "29 B", E Mod 2K;
 12.0" Radius, 2.0" Border, White on, Green;
 "Taylor St", E Mod 2K; "Roosevelt Rd", E Mod 2K; Arrow 160 - 35.0" 45';
 Table of letter and object lefts

E	X	I	T	2	9	B				
137.0	146.1	157.3	161.5	183.9	199.2	218.9				
T	a	y	l	o	r	S	t	↗		
41.2	55.4	70.6	88.8	97.0	112.8	136.8	153.0	198.1		
R	o	o	s	e	v	e	l	t	R	d
20.4	36.2	50.6	64.7	78.8	92.5	108.0	123.6	131.4	155.7	171.6

Letter locations are panel edge to lower left corner

SIGN NUMBER	EB-04-BM
WIDTH x HEIGHT	20'-6" x 9'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective - ZZ
	COLOR: White

SYMBOL	ROT	X	Y	WID	HT
AR_Type A	315	-	-	22.3	35.6

NOTE: ALL ARROWS (DOWN OR 45 DEGREE) USED ON OVERHEAD SIGNS SHALL BE DEMOUNTABLE AND INCLUDED IN THE COST OF THE SIGN PANEL.

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DI62A77-SHT-Sign-Panel-Detail-29.dgn	DESIGNED - MJL	REVISED -
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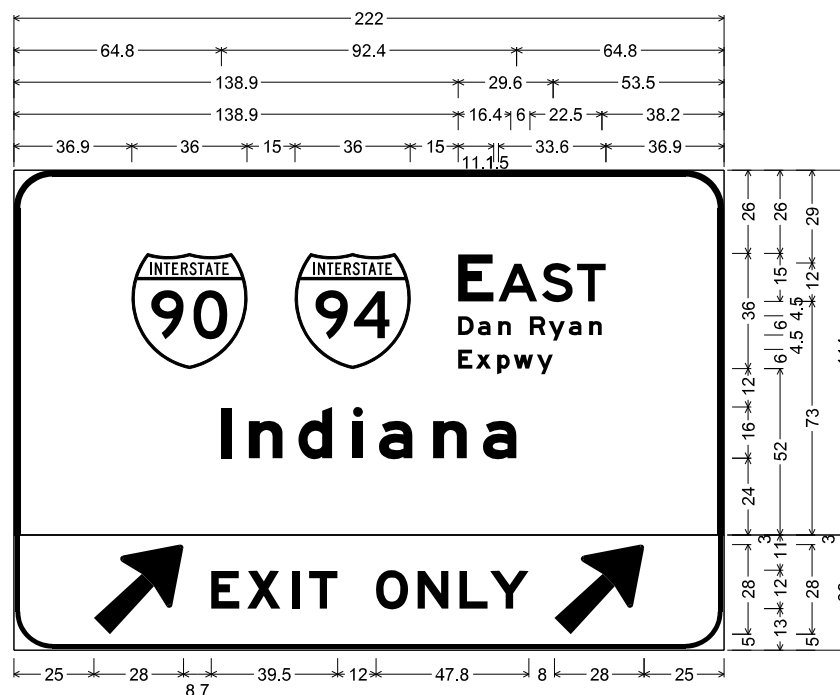
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
SIGN PANEL DETAIL

SCALE: 1" = 2.5' SHEET 23 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	663
CONTRACT NO. 62A77			ILLINOIS FED. AID PROJECT	

SIGN DETAIL
1:50



12.0" Radius, 2.0" Border, White on, Green;
"E" E Mod 2K "AST", E 2K; "Dan Ryan", E Mod 2K; "Expwy", E Mod 2K;
"Indiana", E Mod 2K;

12.0" Radius, 1.5" Border, 0.5" Indent, Black on, Yellow;
Arrow Custom - 35.6" 45"; "EXIT", E Mod 2K specified length;
"ONLY", E Mod 2K specified length; Arrow Custom - 35.6" 45";
Table of letter and object lefts

90	94	E	A	S	T				
36.9	87.9	138.9	151.5	165.1	176.1				
D	a	n	R	y	a	n			
138.9	145.0	151.4	161.3	167.2	173.5	179.8			
E	x	p	w	y					
138.9	144.4	151.1	156.2	163.4					
I	n	d	i	a	n	a			
64.8	73.5	89.0	106.0	114.1	131.1	146.6			
↗	E	X	I	T	O	N	L	Y	↗
25.0	61.7	72.9	86.9	92.3	113.2	126.2	139.3	148.9	169.0

Letter locations are panel edge to lower left corner

SIGN NUMBER	EB-07B-OH
WIDTH x HEIGHT	18'-6" x 12'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective - ZZ
	COLOR: White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	-	-	36	36
M1_1	0	-	-	36	36
AR_Type A	315	-	-	22.3	35.6
AR_Type A	315	-	-	22.3	35.6

NOTE: ALL ARROWS (DOWN OR 45 DEGREE) USED ON OVERHEAD SIGNS SHALL BE DEMOUNTABLE AND INCLUDED IN THE COST OF THE SIGN PANEL.

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D162A77-SHT-Sign-Panel-Detail-30.dgn	DESIGNED - MJL	REVISED -
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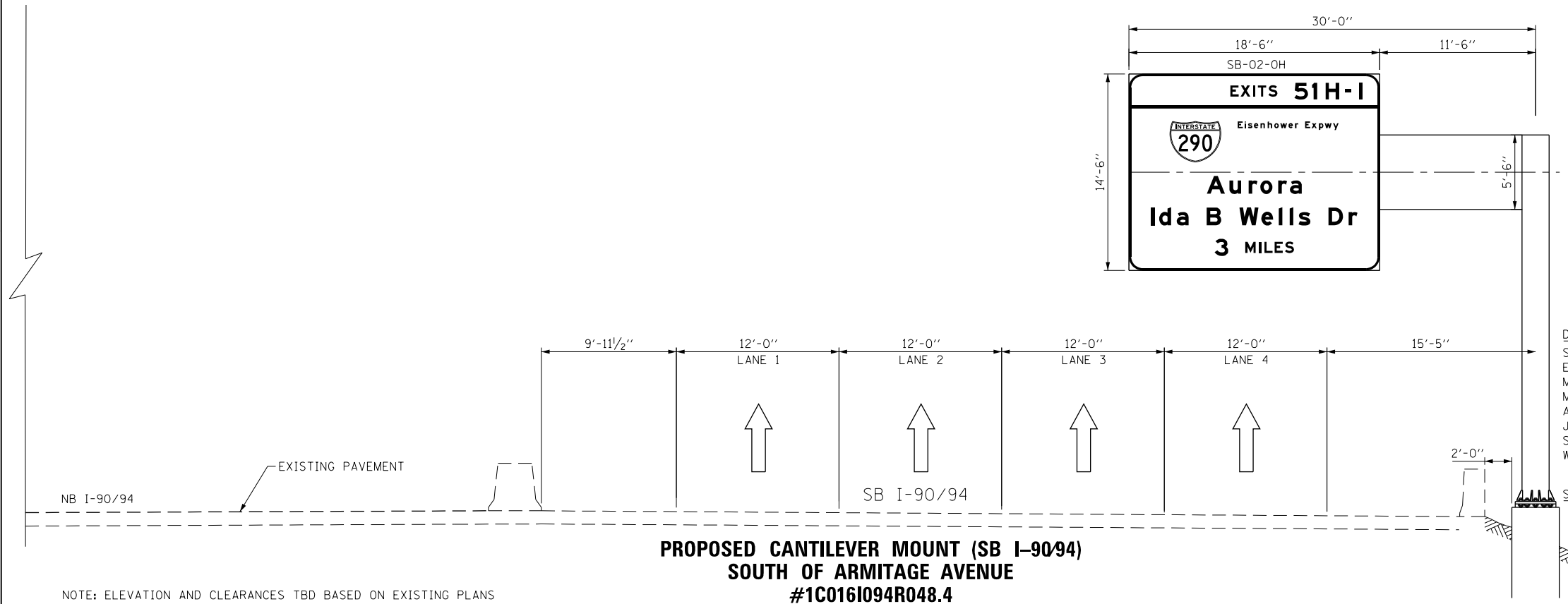
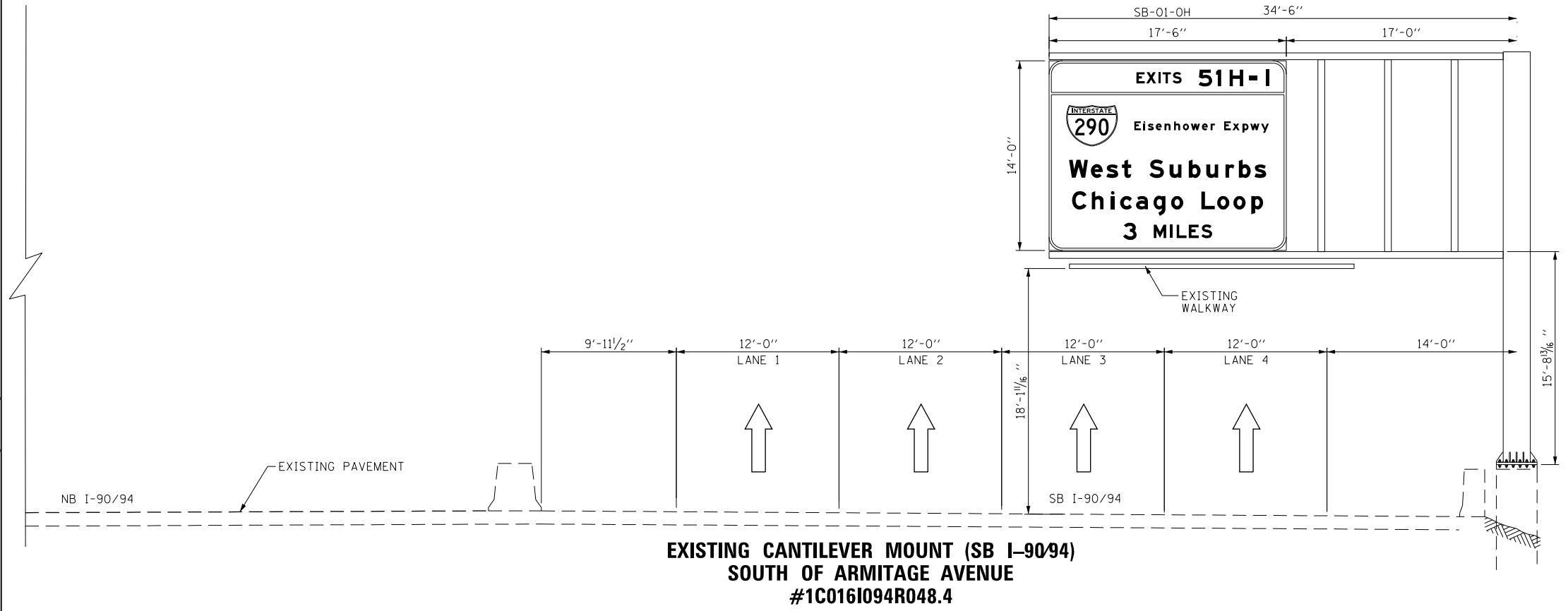
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
SIGN PANEL DETAIL

SCALE: 1" = 2.5' SHEET 24 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	664
CONTRACT NO. 62A77			ILLINOIS FED. AID PROJECT	

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**SIGN NUMBERING CODE
EXAMPLE**

DIRECTION OF TRAFFIC	WN-03-LP	MOUNTING TYPE
SB - SOUTHBOUND I-90/94		LP - LIGHT POLE BANDING
EB - EASTBOUND I-290		MP - METAL POST
MER - MADISON EXIT RAMP		BW - BARRIER WALL MOUNTED
MON - MONROE EXIT RAMP		FM - FENCE MOUNTED
AER - ADAMS EXIT RAMP		GM - GROUND MOUNTED
JER - JACKSON EXIT RAMP		BM - BRIDGE MOUNTED
SE - RAMP SE		BS - BREAKAWAY STEEL
WS - RAMP WS		WP - WOOD POST
		OH - OVERHEAD
		TM - TRUSS SUPPORT MOUNTED
		SP - SIGNAL POLE BANDING
		PP - PARAPET OR PIER MOUNTED

NOTE: ELEVATION AND CLEARANCES TBD BASED ON EXISTING PLANS



D162A77-SHT-Sign-OSS-01.dgn	DESIGNED - MJL	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

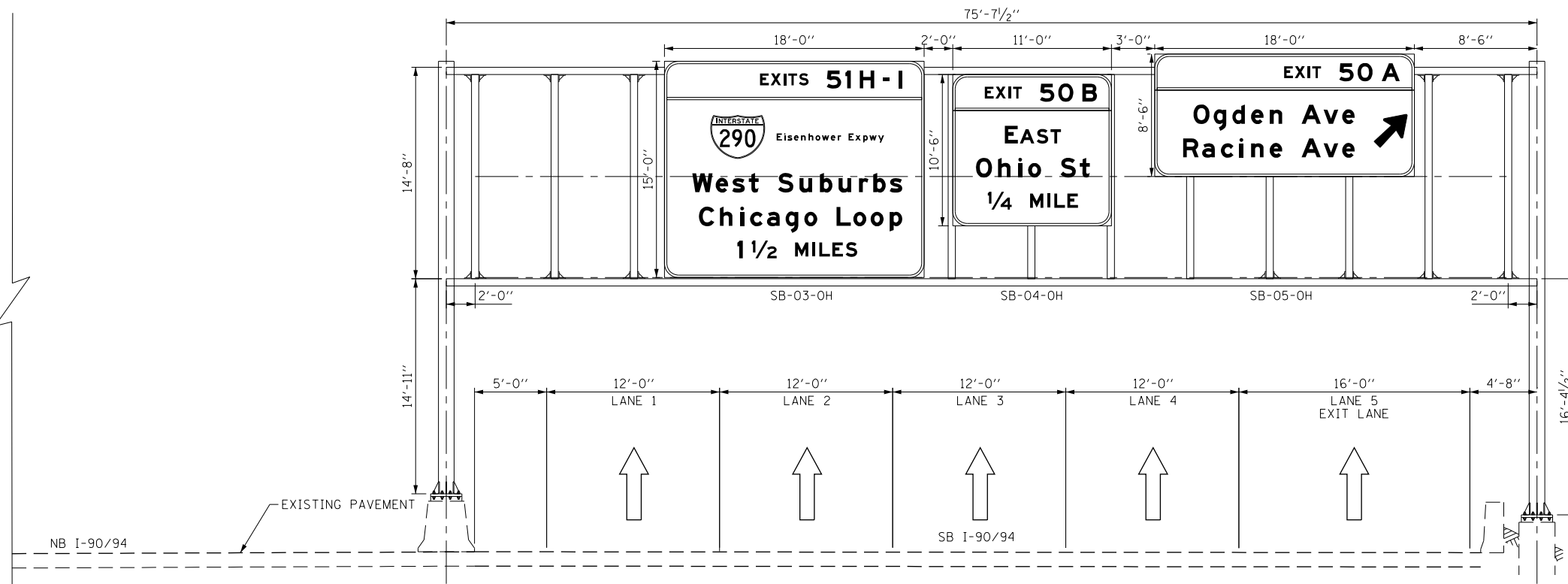
**OVERHEAD SIGN STRUCTURES
SIGN PANEL PLACEMENT**

SCALE: 1" = 5' SHEET 1 OF 15 SHEETS STA. TO STA.

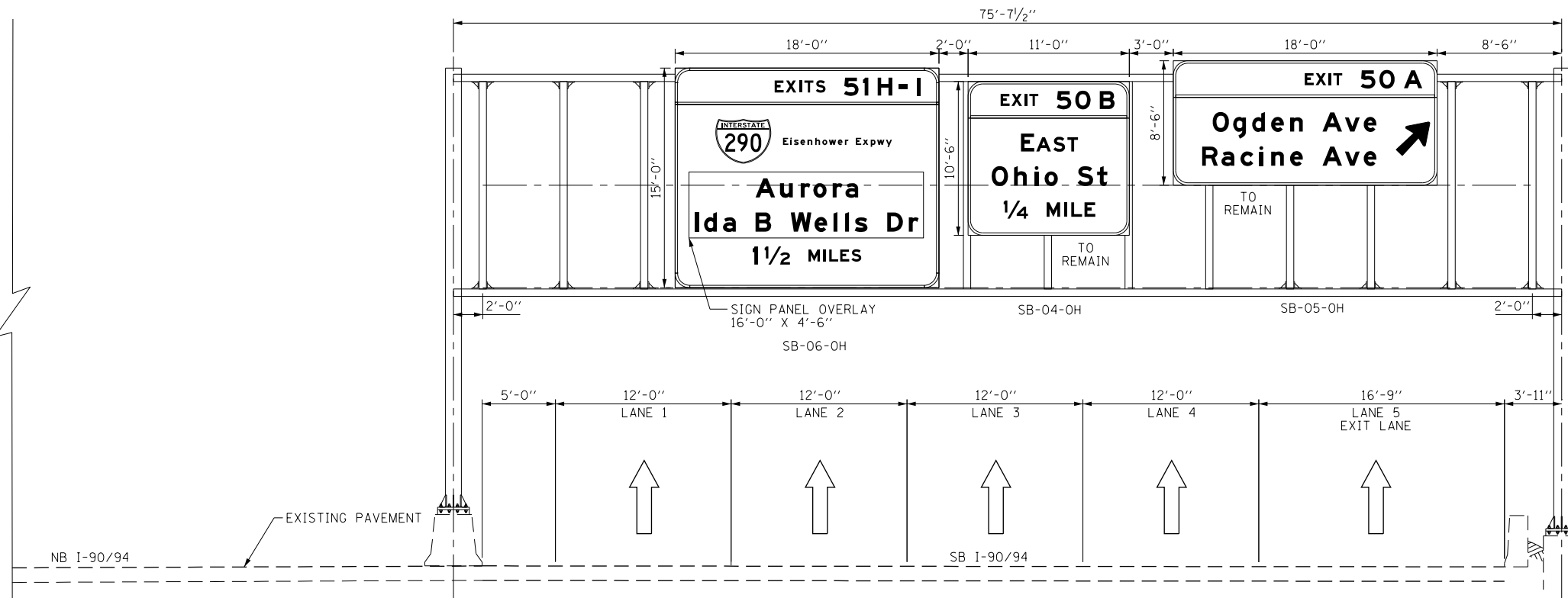
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	665
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				

SB-01

FILE PATH = p:\V\NECOM\NA-N\51\Leecomon\line\local\I-90\DS02\NA Documents\01 America's Transportation\60269938 Circle Phase 1\1000 CAD\006_Roadway\Sheets\62A77 Contract\0162A77-SHT-Sign-OSS-02.dgn



**EXISTING SPAN MOUNT (SB I-90/94)
NORTH OF CHICAGO AVENUE
#1S016I094R049.9**



**PROPOSED SPAN MOUNT (SB I-90/94)
NORTH OF CHICAGO AVENUE
#1S016I094R049.9**

**SIGN NUMBERING CODE
EXAMPLE**

<p>DIRECTION OF TRAFFIC</p> <p>SB - SOUTHBOUND I-90/94 EB - EASTBOUND I-290 MER - MADISON EXIT RAMP MON - MONROE EXIT RAMP AER - ADAMS EXIT RAMP JER - JACKSON EXIT RAMP SE - RAMP SE WS - RAMP WS</p>	<p>WN-03-LP</p>	<p>MOUNTING TYPE</p> <p>LP - LIGHT POLE BANDING MP - METAL POST BW - BARRIER WALL MOUNTED FM - FENCE MOUNTED GM - GROUND MOUNTED BM - BRIDGE MOUNTED BS - BREAKAWAY STEEL WP - WOOD POST OH - OVERHEAD TM - TRUSS SUPPORT MOUNTED SP - SIGNAL POLE BANDING PP - PARAPET OR PIER MOUNTED</p>
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DI62A77-SHT-Sign-OSS-02.dgn	DESIGNED - MJL	REVISED -
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PLOT SCALE = 10.0000 ' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 1/23/2020	DATE - 1/29/2019	REVISED -

DESIGNED - MJL	REVISED -
DRAWN - MSW	REVISED -
CHECKED - JMG	REVISED -
DATE - 1/29/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

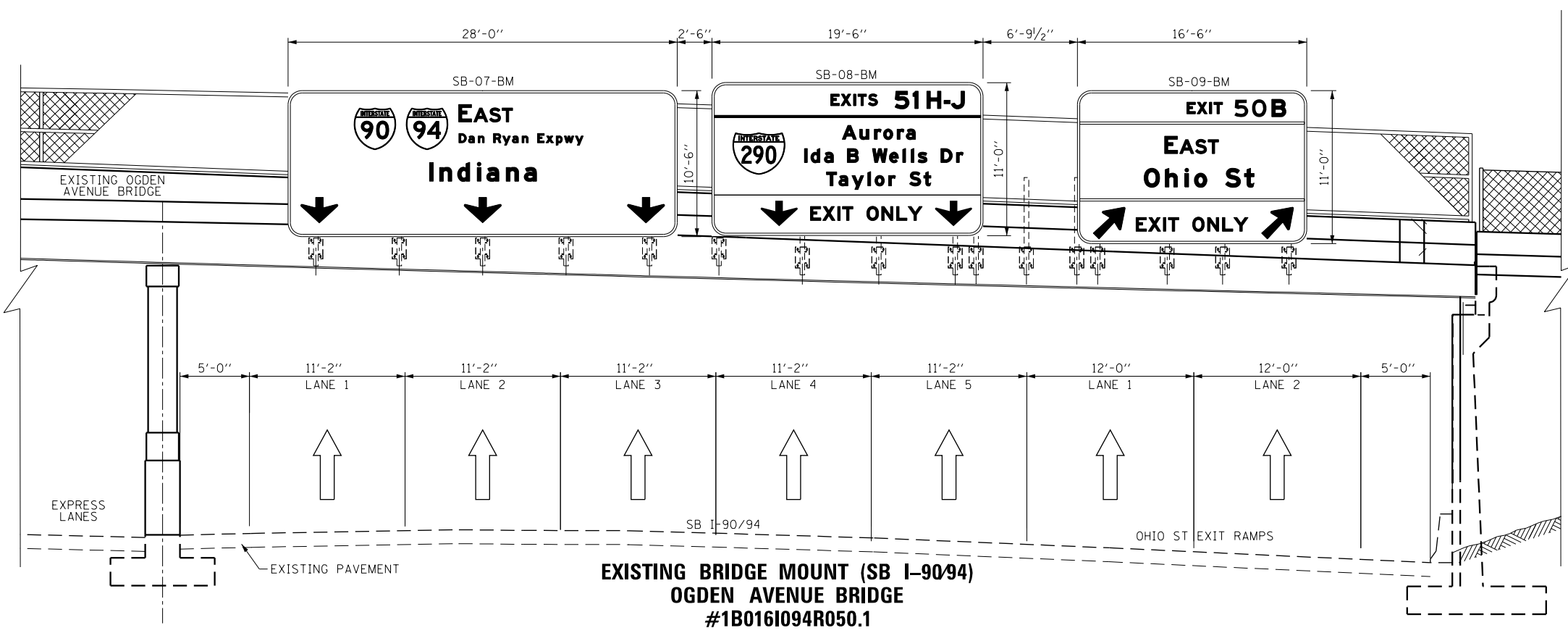
**OVERHEAD SIGN STRUCTURES
SIGN PANEL PLACEMENT**

SCALE: 1" = 5' SHEET 2 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	666
CONTRACT NO. 62A77				

ILLINOIS FED. AID PROJECT

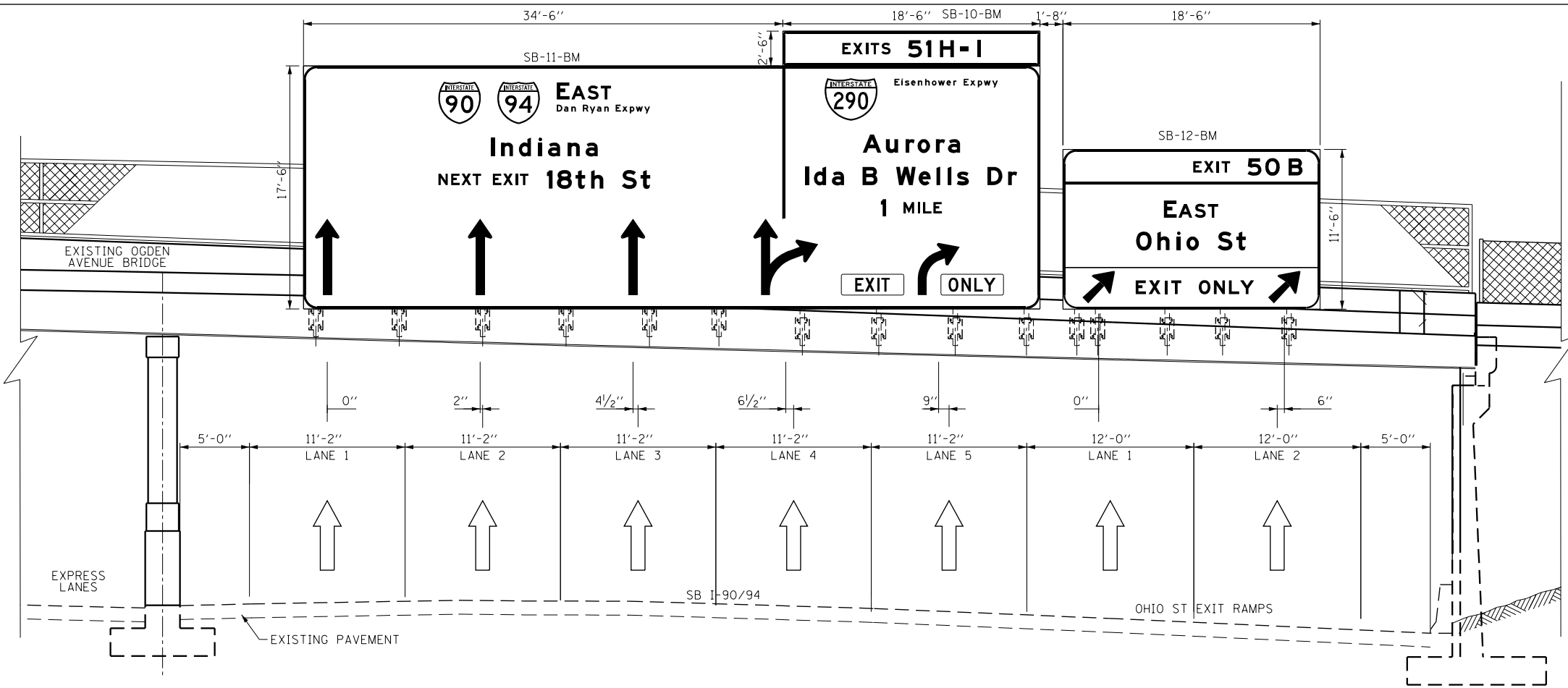
SB-02



NOTES:
 1. SEE BRIDGE MOUNT SIGN STRUCTURES DETAILS FOR LAYOUT OF SUPPORTS.

SIGN NUMBERING CODE EXAMPLE

DIRECTION OF TRAFFIC	WN-03-LP	MOUNTING TYPE
SB - SOUTHBOUND I-90/94		LP - LIGHT POLE BANDING
EB - EASTBOUND I-290		MP - METAL POST
MER - MADISON EXIT RAMP		BW - BARRIER WALL MOUNTED
MON - MONROE EXIT RAMP		FM - FENCE MOUNTED
AER - ADAMS EXIT RAMP		GM - GROUND MOUNTED
JER - JACKSON EXIT RAMP		BM - BRIDGE MOUNTED
SE - RAMP SE		BS - BREAKAWAY STEEL
WS - RAMP WS		WP - WOOD POST
		OH - OVERHEAD
		TM - TRUSS SUPPORT MOUNTED
		SP - SIGNAL POLE BANDING
		PP - PARAPET OR PIER MOUNTED
SIGN PANEL NUMBER		



PROPOSED BRIDGE MOUNT (SB I-90/94) OGDEN AVENUE BRIDGE #1B016I094R050.1

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D162A77-SHT-Sign-OSS-03.dgn	DESIGNED - MJL	REVISED -
USER NAME = mrc155	DRAWN - MSW	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 1/23/2020	DATE - 1/29/2019	REVISED -

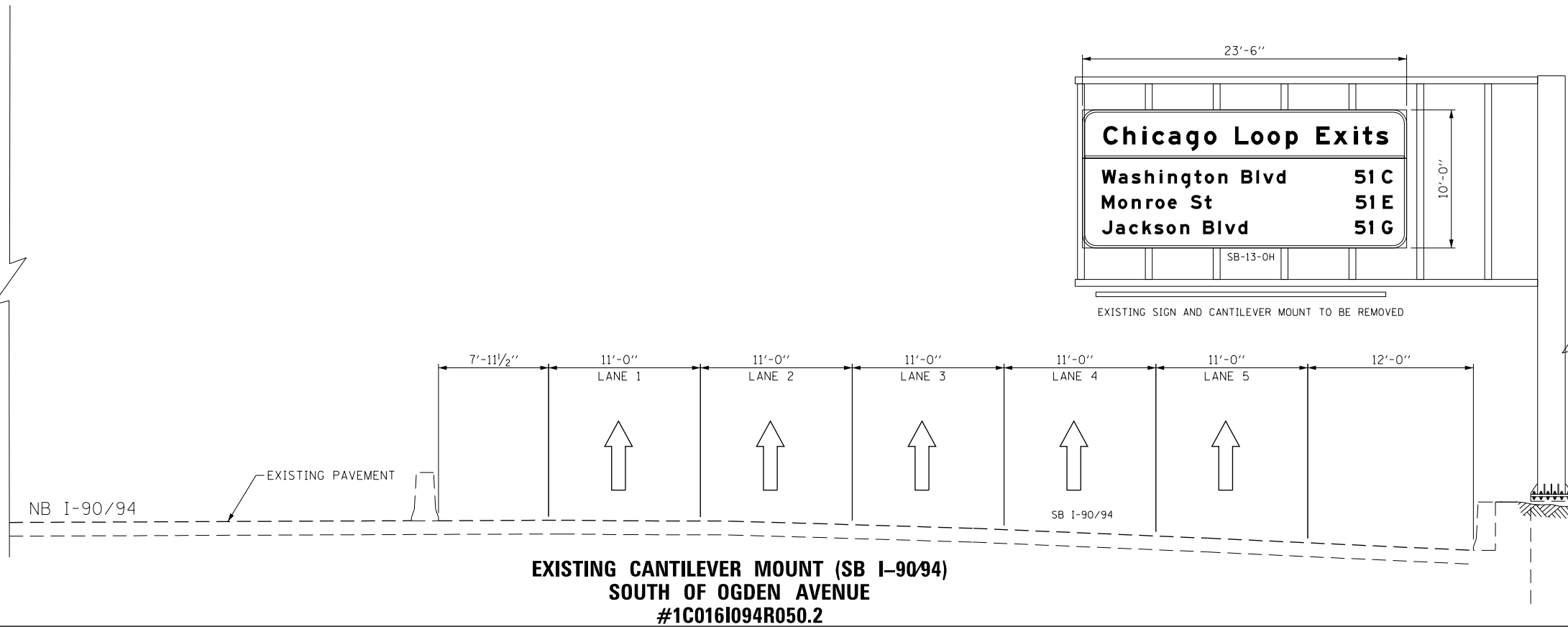
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

OVERHEAD SIGN STRUCTURES SIGN PANEL PLACEMENT	
SCALE: 1" = 5'	SHEET 3 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	667
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				

SB-03

FILE PATH = p:\NREC\COM-NR-NV5\elecmon\line\local\I-90-DS02-NA-Documents\01-Americas\Transportation\60269938-Circle\Phase-1\000-CHD-006-Roadway\Sheets\62A77-Contract\0162A77-SHT-Sign-OSS-04.dgn



SIGN NUMBERING CODE EXAMPLE

DIRECTION OF TRAFFIC	WN-03-LP	MOUNTING TYPE
SB - SOUTHBOUND I-90/94	WN-03-LP	LP - LIGHT POLE BANDING
EB - EASTBOUND I-290		MP - METAL POST
MER - MADISON EXIT RAMP		BW - BARRIER WALL MOUNTED
MON - MONROE EXIT RAMP		FM - FENCE MOUNTED
AER - ADAMS EXIT RAMP		GM - GROUND MOUNTED
JER - JACKSON EXIT RAMP		BM - BRIDGE MOUNTED
SE - RAMP SE		BS - BREAKAWAY STEEL
WS - RAMP WS		WP - WOOD POST
		OH - OVERHEAD
		TM - TRUSS SUPPORT MOUNTED
	SP - SIGNAL POLE BANDING	
	PP - PARAPET OR PIER MOUNTED	

**EXISTING CANTILEVER MOUNT (SB I-90/94)
SOUTH OF OGDEN AVENUE
#1C016I094R050.2**

NO PROPOSED SIGN



DI62A77-SHT-Sign-OSS-04.dgn	DESIGNED - MJL	REVISED -
USER NAME = mrc155	DRAWN - MSW	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 1/23/2020	DATE - 1/29/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OVERHEAD SIGN STRUCTURES
SIGN PANEL PLACEMENT**

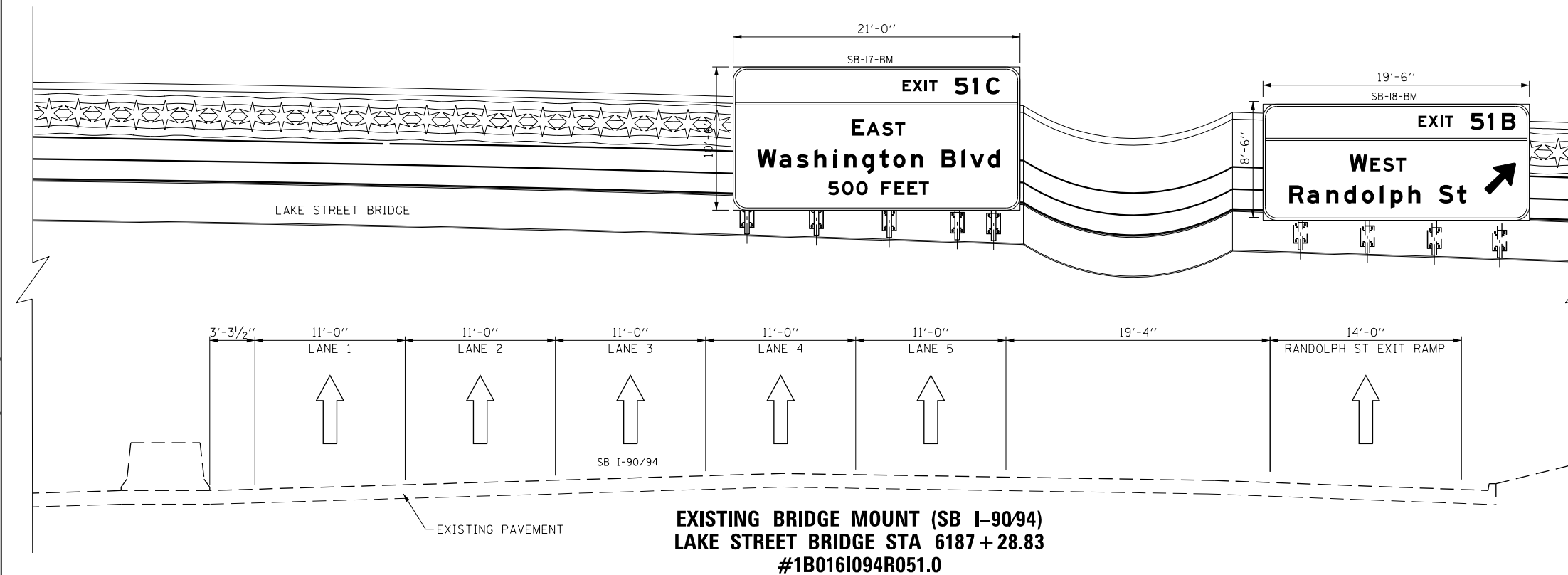
SCALE: 1" = 5' SHEET 4 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	668
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				

SB-04

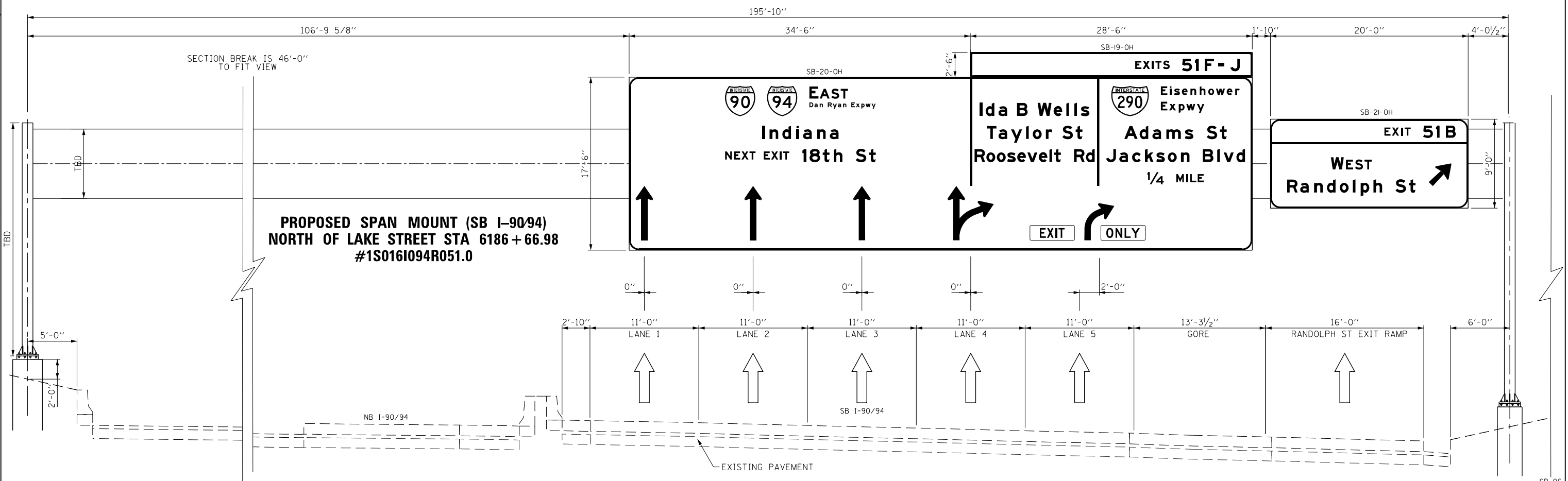
NOTES:

1. DOWN/LANE ARROWS SHALL BE PLACED APPROXIMATELY OVER THE CENTER OF ASSOCIATED TRAVEL LANE.
2. SEE BRIDGE MOUNT SIGN STRUCTURES DETAILS FOR LAYOUT OF SUPPORTS.



SIGN NUMBERING CODE EXAMPLE

DIRECTION OF TRAFFIC	WN-03-LP	MOUNTING TYPE
SB - SOUTHBOUND I-90/94		LP - LIGHT POLE BANDING
EB - EASTBOUND I-290		MP - METAL POST
MER - MADISON EXIT RAMP		BW - BARRIER WALL MOUNTED
MON - MONROE EXIT RAMP		FM - FENCE MOUNTED
AER - ADAMS EXIT RAMP		GM - GROUND MOUNTED
JER - JACKSON EXIT RAMP		BM - BRIDGE MOUNTED
SE - RAMP SE		BS - BREAKAWAY STEEL
WS - RAMP WS		WP - WOOD POST
		OH - OVERHEAD
SIGN PANEL NUMBER		TM - TRUSS SUPPORT MOUNTED
		SP - SIGNAL POLE BANDING
		PP - PARAPET OR PIER MOUNTED



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D162A77-SHT-Sign-OSS-06.dgn	DESIGNED - MJL	REVISED -
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PLOT SCALE = 10.0000 ' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 1/23/2020	DATE - 1/29/2019	REVISED -

DESIGNED - MJL	REVISED -
DRAWN - MSW	REVISED -
CHECKED - JMG	REVISED -
DATE - 1/29/2019	REVISED -

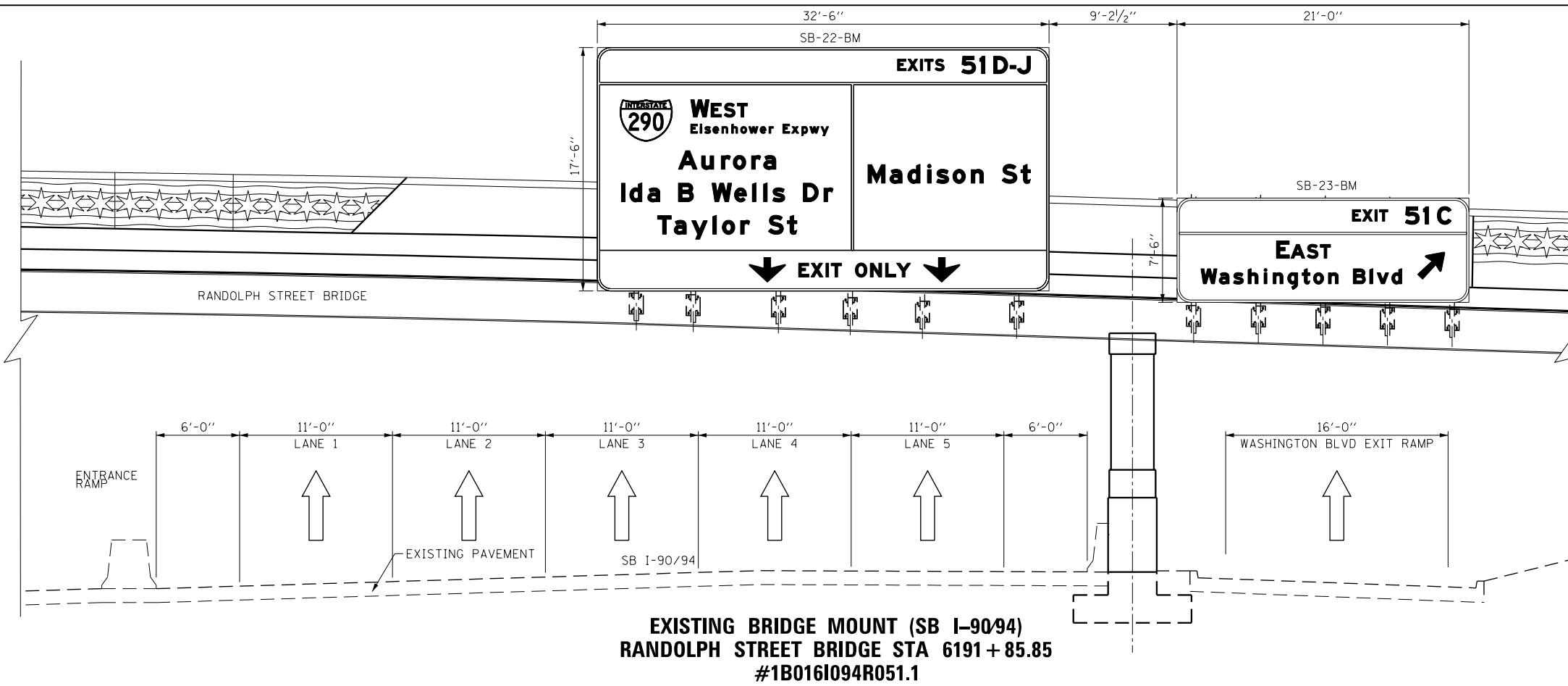
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OVERHEAD SIGN STRUCTURES
SIGN PANEL PLACEMENT**

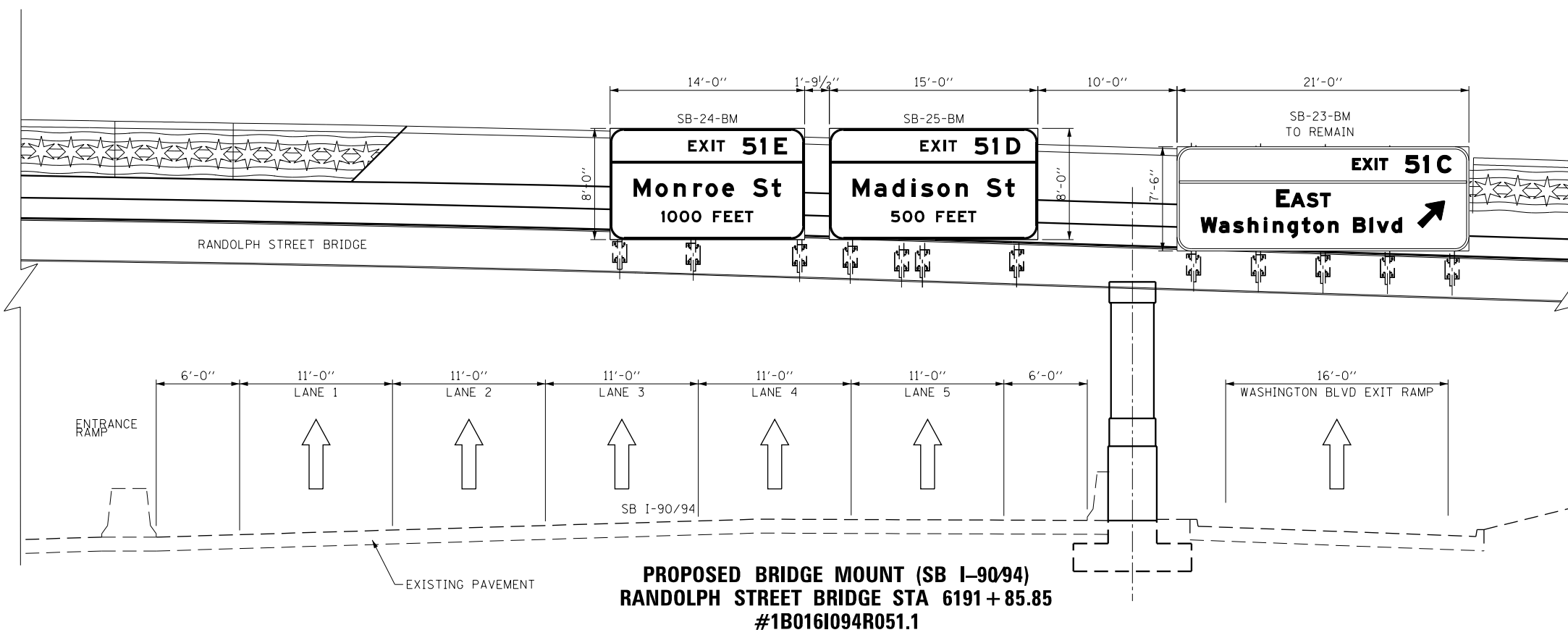
SCALE: 1" = 5' SHEET 5 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	669
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				

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- NOTES:**
1. ALL DIMENSIONS SHOWN FOR THE EXISTING BRACKETS ON THE BRIDGE MOUNT ARE APPROXIMATED. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO ORDERING SIGNS.
 2. SEE BRIDGE MOUNT SIGN STRUCTURES DETAILS FOR LAYOUT OF SUPPORTS.



SIGN NUMBERING CODE EXAMPLE

WN-03-LP

DIRECTION OF TRAFFIC	MOUNTING TYPE
SB - SOUTHBOUND I-90/94	LP - LIGHT POLE BANDING
EB - EASTBOUND I-290	MP - METAL POST
MER - MADISON EXIT RAMP	BW - BARRIER WALL MOUNTED
MON - MONROE EXIT RAMP	FM - FENCE MOUNTED
AER - ADAMS EXIT RAMP	GM - GROUND MOUNTED
JER - JACKSON EXIT RAMP	BM - BRIDGE MOUNTED
SE - RAMP SE	BS - BREAKAWAY STEEL
WS - RAMP WS	WP - WOOD POST
	OH - OVERHEAD
	TM - TRUSS SUPPORT MOUNTED
	SP - SIGNAL POLE BANDING
	PP - PARAPET OR PIER MOUNTED

SIGN PANEL NUMBER



D162A77-SHT-Sign-OSS-07.dgn
USER NAME = mrc155
PLOT SCALE = 10.0000" / in.
PLOT DATE = 1/23/2020

DESIGNED - MJL	REVISED -
DRAWN - MSW	REVISED -
CHECKED - JMG	REVISED -
DATE - 1/29/2019	REVISED -

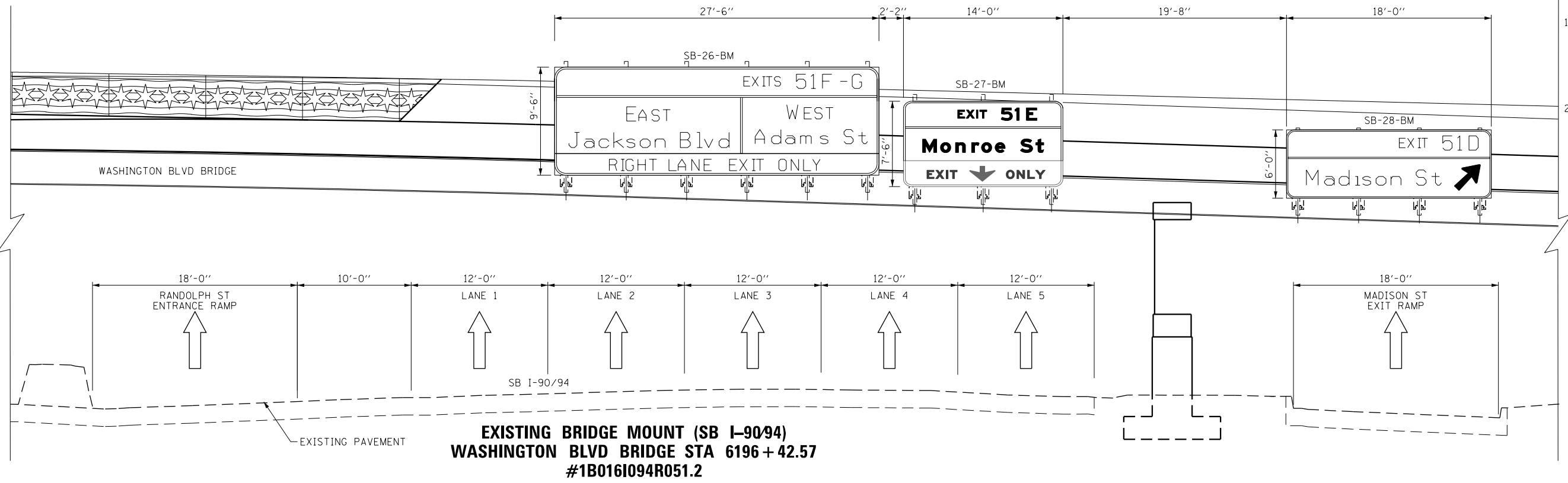
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES			
SIGN PANEL PLACEMENT			
SCALE: 1" = 5'	SHEET 6	OF 15 SHEETS	STA. TO STA.

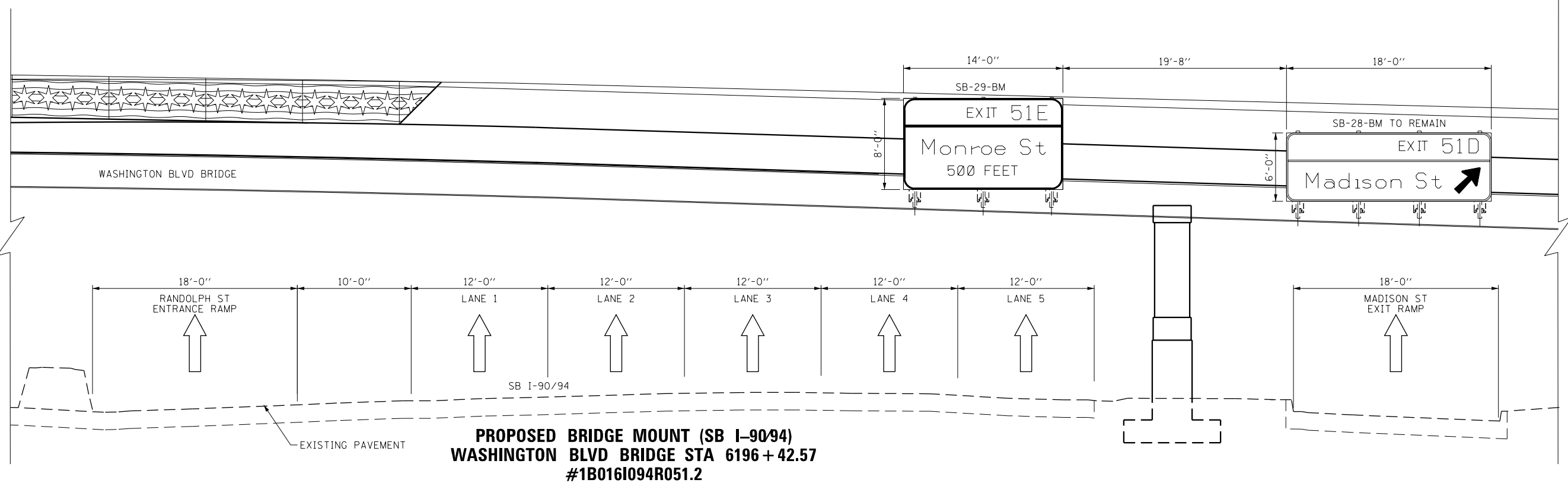
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	670
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				

SB-07

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- NOTES:**
1. ALL DIMENSIONS SHOWN FOR THE EXISTING BRACKETS ON THE BRIDGE MOUNT ARE APPROXIMATED. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO ORDERING SIGNS.
 2. SEE BRIDGE MOUNT SIGN STRUCTURES DETAILS FOR LAYOUT OF SUPPORTS.



- SIGN NUMBERING CODE EXAMPLE**
- DIRECTION OF TRAFFIC** WN-03-LP
- SB - SOUTHBOUND I-90/94
 - EB - EASTBOUND I-290
 - MER - MADISON EXIT RAMP
 - MON - MONROE EXIT RAMP
 - AER - ADAMS EXIT RAMP
 - JER - JACKSON EXIT RAMP
 - SE - RAMP SE
 - WS - RAMP WS
- SIGN PANEL NUMBER**
- MOUNTING TYPE**
- LP - LIGHT POLE BANDING
 - MP - METAL POST
 - BW - BARRIER WALL MOUNTED
 - FM - FENCE MOUNTED
 - GM - GROUND MOUNTED
 - BM - BRIDGE MOUNTED
 - BS - BREAKAWAY STEEL
 - WP - WOOD POST
 - OH - OVERHEAD
 - TM - TRUSS SUPPORT MOUNTED
 - SP - SIGNAL POLE BANDING
 - PP - PARAPET MOUNTED



D162A77-SHT-Sign-OSS-08.dgn	DESIGNED - MJL	REVISED -
USER NAME = jrdavenport	DRAWN - MSW	REVISED -
PLOT SCALE = 10.0000 / in.	CHECKED - JMG	REVISED -
PLOT DATE = 1/24/2020	DATE - 1/29/2019	REVISED -

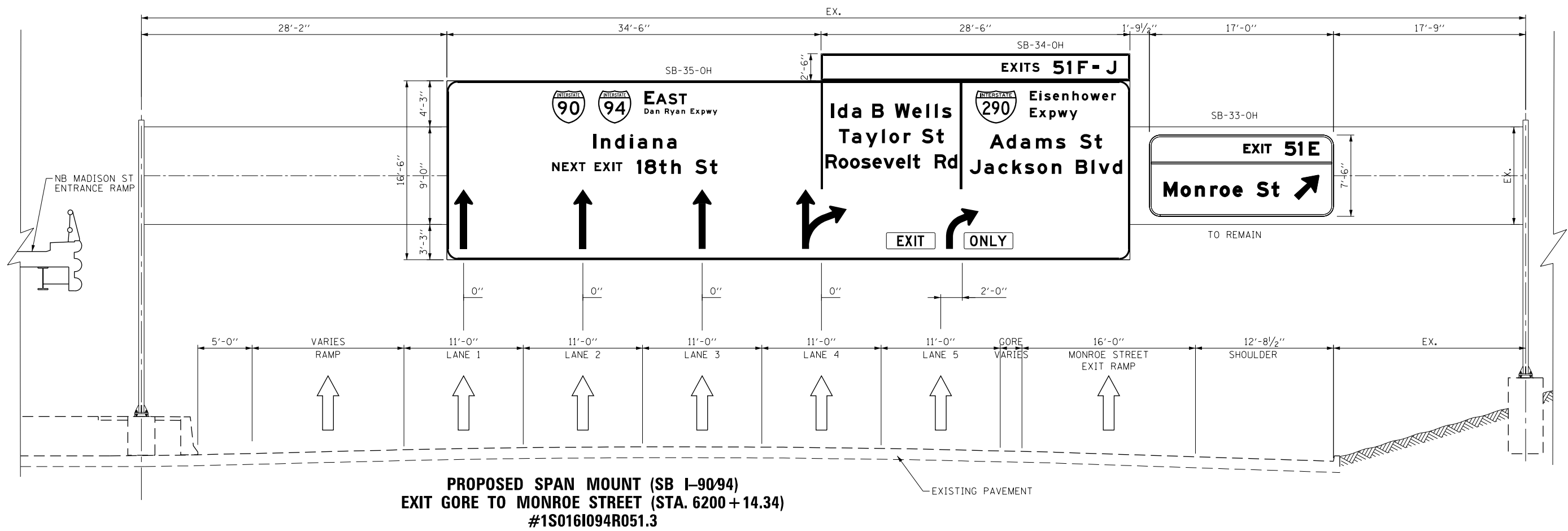
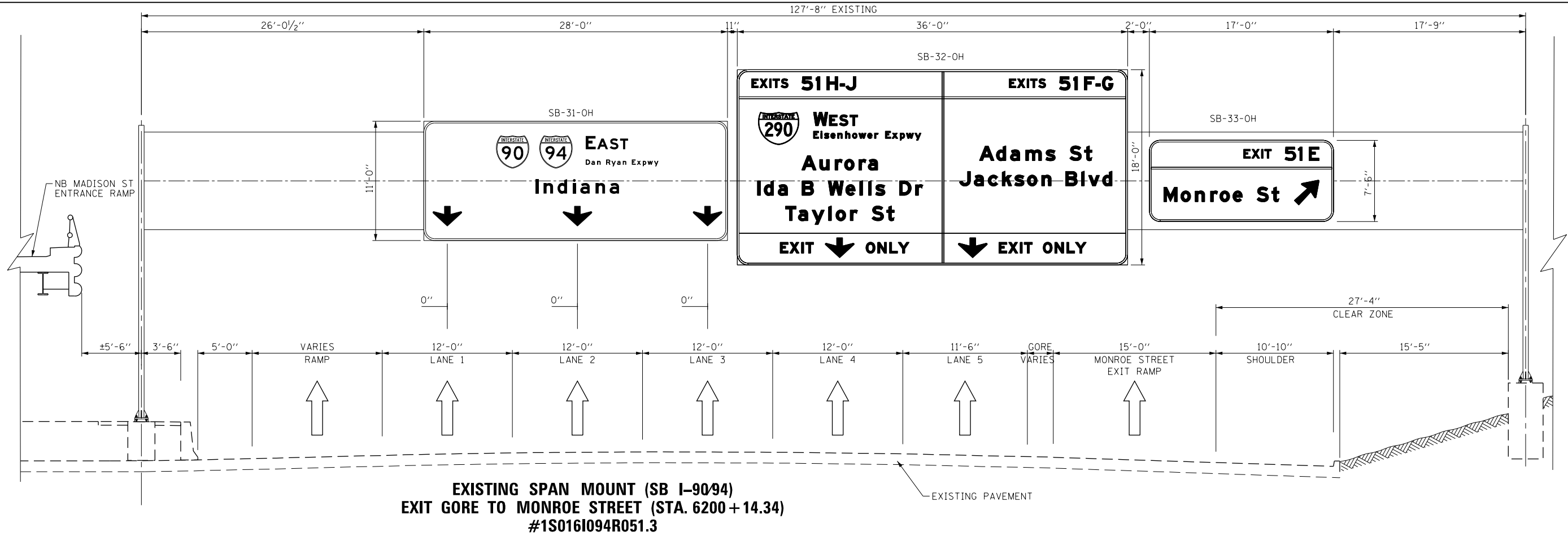
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

OVERHEAD SIGN STRUCTURES SIGN PANEL PLACEMENT	
SCALE: 1" = 5'	SHEET 7 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	671
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				

SB-08

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DI62A77-SHT-Sign-OSS-09.dgn	DESIGNED - MJL	REVISED -
USER NAME = mrc155	DRAWN - MSW	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 1/23/2020	DATE - 1/29/2019	REVISED -

DESIGNED - MJL	REVISED -
DRAWN - MSW	REVISED -
CHECKED - JMG	REVISED -
DATE - 1/29/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

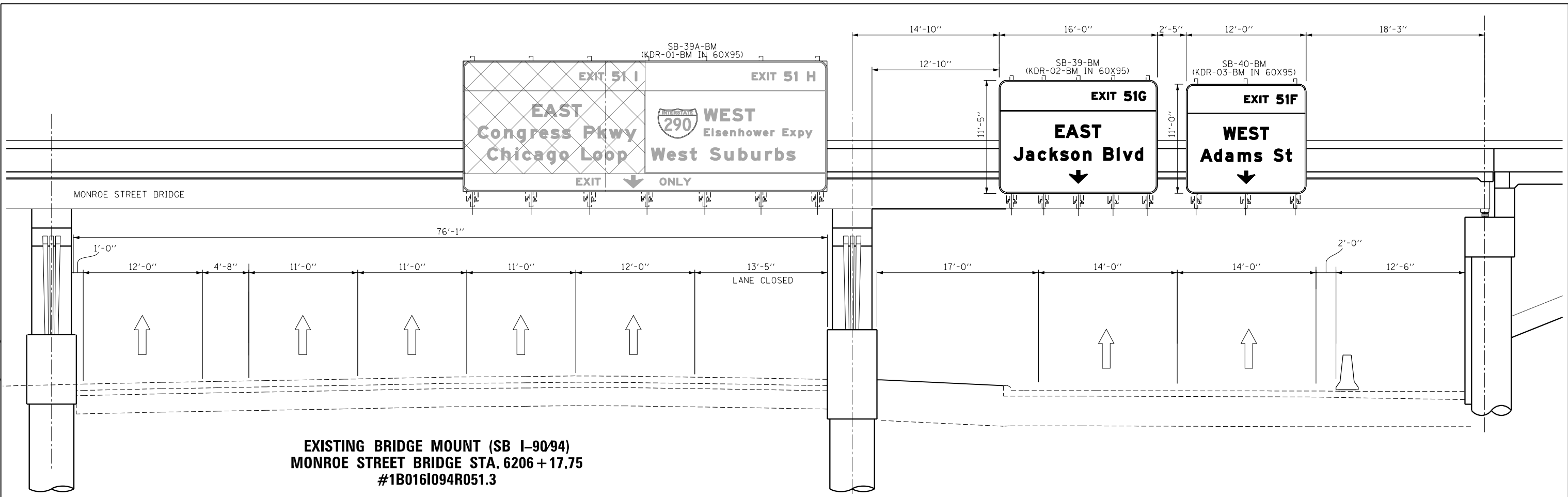
OVERHEAD SIGN STRUCTURES
SIGN PANEL PLACEMENT

SCALE: 1" = 5' SHEET 8 OF 15 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2015-018R	COUNTY COOK	TOTAL SHEETS 1360	SHEET NO. 672
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				

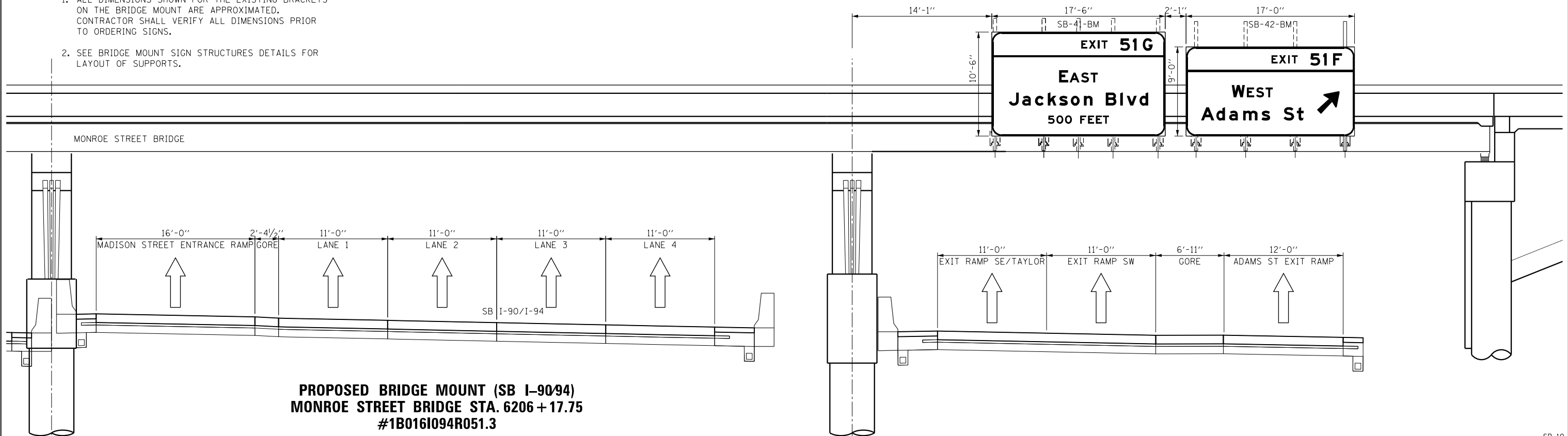
SB-09

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NOTES:

1. ALL DIMENSIONS SHOWN FOR THE EXISTING BRACKETS ON THE BRIDGE MOUNT ARE APPROXIMATED. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO ORDERING SIGNS.
2. SEE BRIDGE MOUNT SIGN STRUCTURES DETAILS FOR LAYOUT OF SUPPORTS.



D162A77-SHT-Sign-OSS-10.dgn	DESIGNED - MJL	REVISED -
USER NAME = mrc155	DRAWN - MSW	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 1/23/2020	DATE - 1/29/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES	
SIGN PANEL PLACEMENT	
SCALE: 1" = 5'	SHEET 9 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	673
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				

SB-10

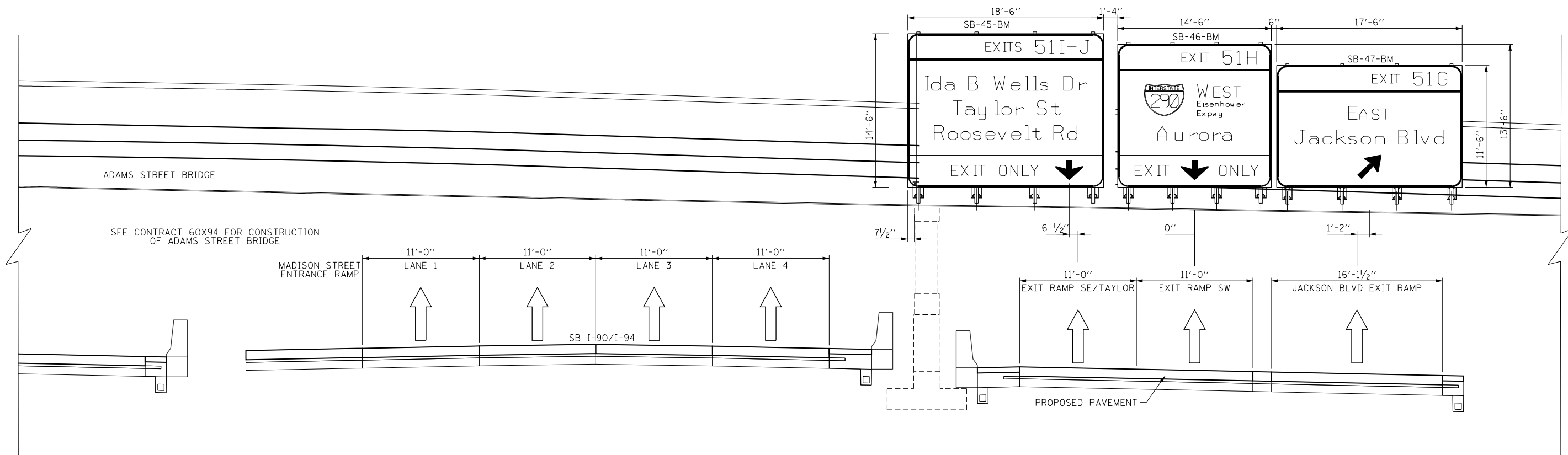
NOTES:

1. DOWN/LANE ARROWS SHALL BE PLACED APPROXIMATELY OVER THE CENTER OF ASSOCIATED TRAVEL LANE.
2. SEE BRIDGE MOUNT SIGN STRUCTURES DETAILS FOR LAYOUT OF SUPPORTS.

SIGN NUMBERING CODE EXAMPLE

DIRECTION OF TRAFFIC	WN-03-LP	MOUNTING TYPE
SB - SOUTHBOUND I-90/94		LP - LIGHT POLE BANDING
EB - EASTBOUND I-290		MP - METAL POST
MER - MADISON EXIT RAMP		BW - BARRIER WALL MOUNTED
MON - MONROE EXIT RAMP		FM - FENCE MOUNTED
AER - ADAMS EXIT RAMP		GM - GROUND MOUNTED
JER - JACKSON EXIT RAMP		BM - BRIDGE MOUNTED
SE - RAMP SE		BS - BREAKAWAY STEEL
WS - RAMP WS		WP - WOOD POST
		OH - OVERHEAD
		TM - TRUSS SUPPORT MOUNTED
		SP - SIGNAL POLE BANDING
		PP - PARAPET OR PIER MOUNTED

SIGN PANEL NUMBER



**PROPOSED BRIDGE MOUNT (SB I-90/94)
ADAMS STREET BRIDGE STA 6210 + 81.91
#1B016I094R51.4**

FILE PATH = p:\N\ECOM\NA-NV\Selection\Local\I-90\SB02\NA\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\006_Roadway\Sheets\62A77_Contract\0162A77-SHT-Sign-OSS-11.dgn



DI62A77-SHT-Sign-OSS-11.dgn	DESIGNED - MJL	REVISED -
USER NAME = jrdavenport	DRAWN - MSW	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 1/24/2020	DATE - 1/29/2019	REVISED -

DESIGNED - MJL	REVISED -
DRAWN - MSW	REVISED -
CHECKED - JMG	REVISED -
DATE - 1/29/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

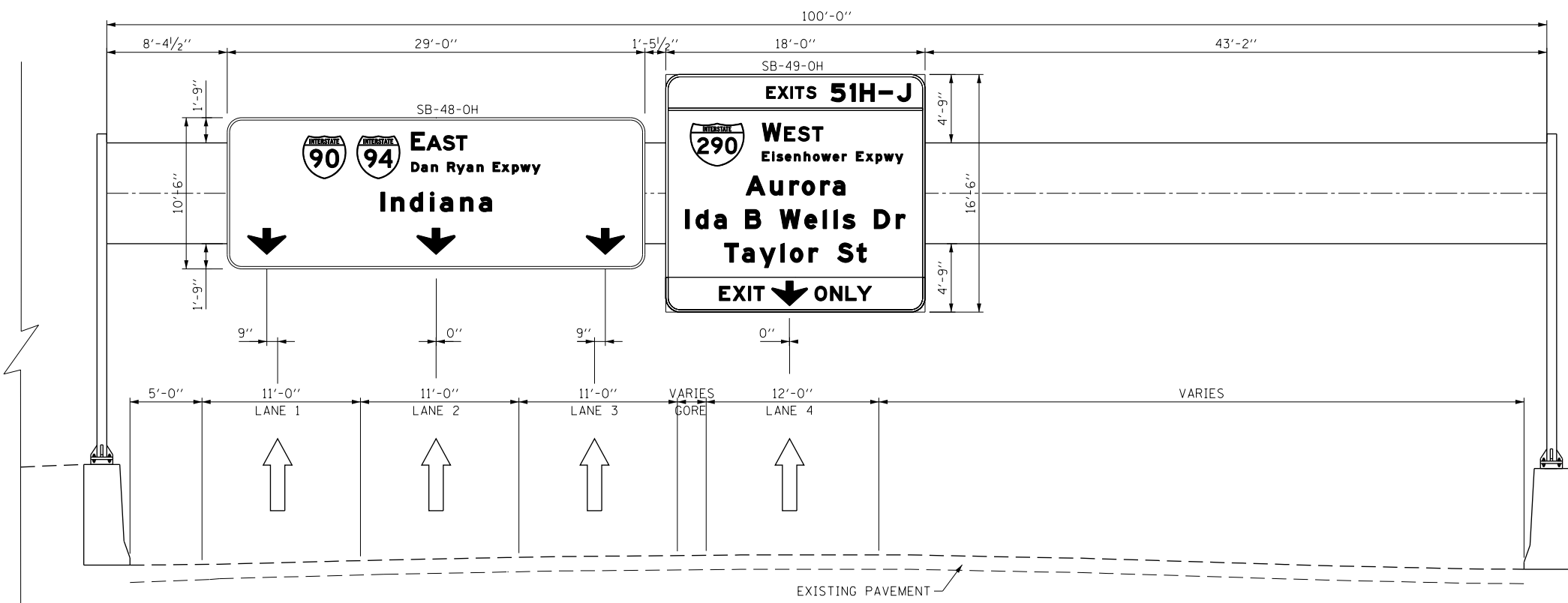
**OVERHEAD SIGN STRUCTURES
SIGN PANEL PLACEMENT**

SCALE: 1" = 5' SHEET 10 OF 15 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2015-018R	COUNTY COOK	TOTAL SHEETS 1360	SHEET NO. 674
CONTRACT NO. 62A77			ILLINOIS FED. AID PROJECT	

SB-11

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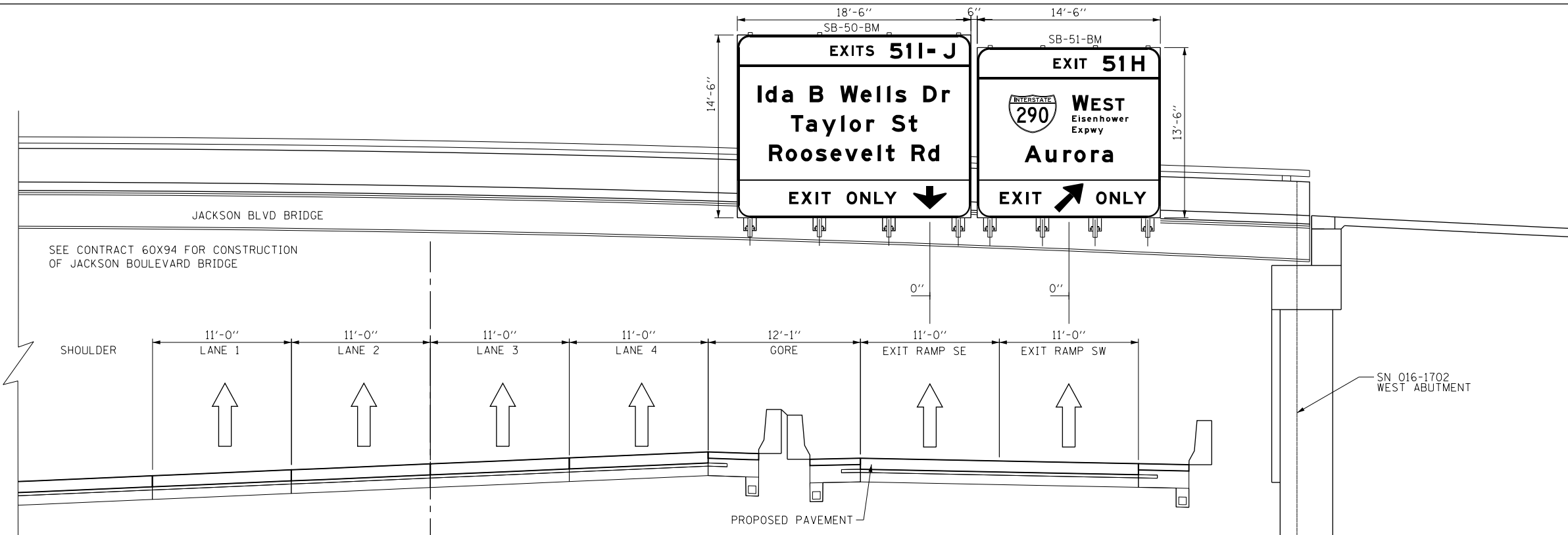


**EXISTING SPAN MOUNT (SB I-90/94)
SOUTH OF ADAMS STREET STA 6213 + 95.74
#1S0161094R51.5**

- NOTES:**
- DOWN/LANE ARROWS SHALL BE PLACED APPROXIMATELY OVER THE CENTER OF ASSOCIATED TRAVEL LANE.
 - SEE BRIDGE MOUNT SIGN STRUCTURES DETAILS FOR LAYOUT OF SUPPORTS.

SIGN NUMBERING CODE EXAMPLE

DIRECTION OF TRAFFIC	SIGN PANEL NUMBER	MOUNTING TYPE
SB - SOUTHBOUND I-90/94	WN-03-LP	LP - LIGHT POLE BANDING
EB - EASTBOUND I-290		MP - METAL POST
MER - MADISON EXIT RAMP		BW - BARRIER WALL MOUNTED
MON - MONROE EXIT RAMP		FM - FENCE MOUNTED
AER - ADAMS EXIT RAMP		GM - GROUND MOUNTED
JER - JACKSON EXIT RAMP		BM - BRIDGE MOUNTED
SE - RAMP SE		BS - BREAKAWAY STEEL
WS - RAMP WS		WP - WOOD POST
		OH - OVERHEAD
		TM - TRUSS SUPPORT MOUNTED
		SP - SIGNAL POLE BANDING
		PP - PARAPET OR PIER MOUNTED



**PROPOSED BRIDGE MOUNT (SB I-90/94)
JACKSON BLVD BRIDGE STA 6215 + 45.85
#1B0161094R51.5**



DI62A77-SHT-Sign-OSS-12.dgn
USER NAME = mrc155
PLOT SCALE = 10.0000 / in.
PLOT DATE = 1/23/2020

DESIGNED - MJL
DRAWN - MSW
CHECKED - JMG
DATE - 1/29/2019

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OVERHEAD SIGN STRUCTURES
SIGN PANEL PLACEMENT**

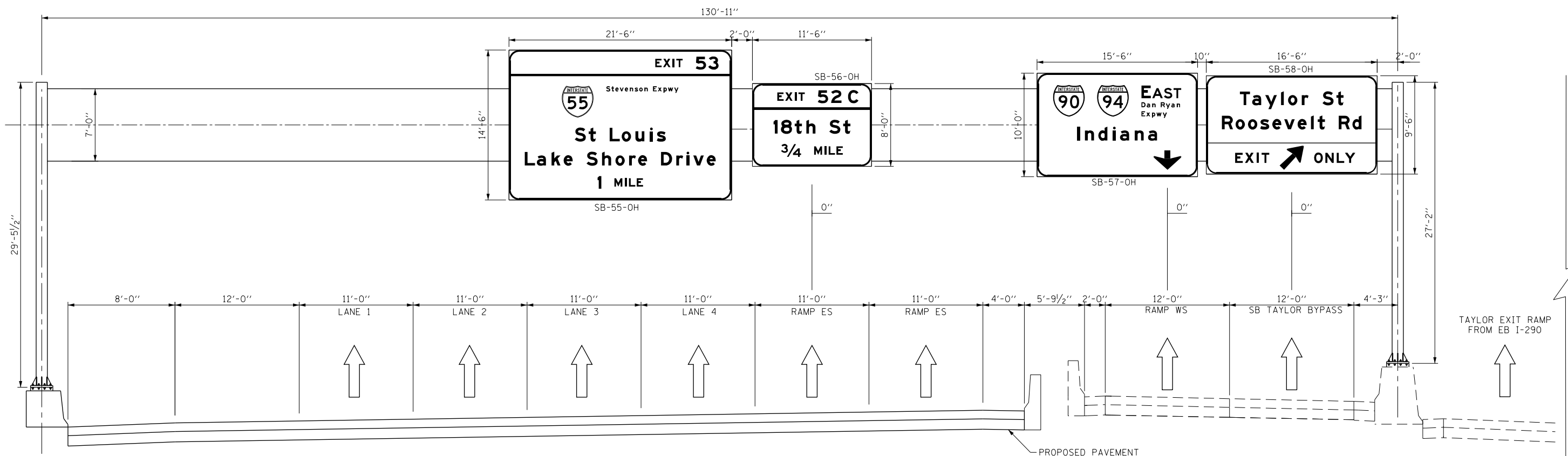
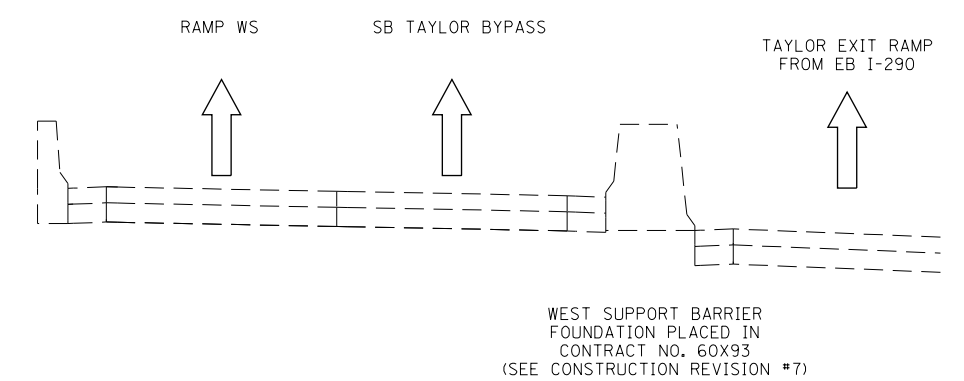
SCALE: 1" = 5' SHEET 11 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	675
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				

SIGN NUMBERING CODE

EXAMPLE

DIRECTION OF TRAFFIC	WN-03-LP	MOUNTING TYPE
SB - SOUTHBOUND I-90/94		LP - LIGHT POLE BANDING
EB - EASTBOUND I-290		MP - METAL POST
MER - MADISON EXIT RAMP		BW - BARRIER WALL MOUNTED
MON - MONROE EXIT RAMP		FM - FENCE MOUNTED
AER - ADAMS EXIT RAMP		GM - GROUND MOUNTED
JER - JACKSON EXIT RAMP		BM - BRIDGE MOUNTED
SE - RAMP SE		BS - BREAKAWAY STEEL
WS - RAMP WS		WP - WOOD POST
		OH - OVERHEAD
SIGN PANEL NUMBER		TM - TRUSS SUPPORT MOUNTED
		SP - SIGNAL POLE BANDING
		PP - PARAPET OR PIER MOUNTED



**PROPOSED SPAN MOUNT (SB I-90/94)
NORTH OF POLK STREET SB STA 6234 + 71.68
#1S0161094R051.9**

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PLOT DATE = 1/23/2020	DATE - 1/29/2019	REVISED -

DESIGNED - MJL	REVISED -
DRAWN - MSW	REVISED -
CHECKED - JMG	REVISED -
DATE - 1/29/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

OVERHEAD SIGN STRUCTURES SIGN PANEL PLACEMENT			
SCALE: 1" = 5'	SHEET 12 OF 15 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	676
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				

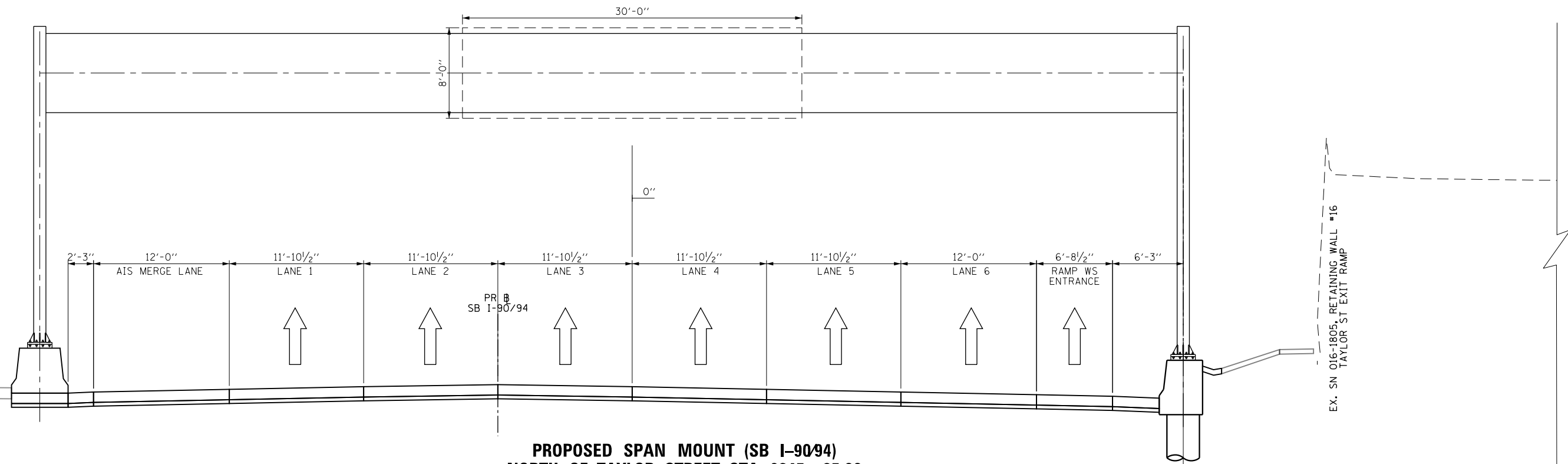
SB-14

SIGN NUMBERING CODE

EXAMPLE

DIRECTION OF TRAFFIC	WN-03-LP	MOUNTING TYPE
SB - SOUTHBOUND I-90/94		LP - LIGHT POLE BANDING
EB - EASTBOUND I-290		MP - METAL POST
MER - MADISON EXIT RAMP		BW - BARRIER WALL MOUNTED
MON - MONROE EXIT RAMP		FM - FENCE MOUNTED
AER - ADAMS EXIT RAMP		GM - GROUND MOUNTED
JER - JACKSON EXIT RAMP		BM - BRIDGE MOUNTED
SE - RAMP SE		BS - BREAKAWAY STEEL
WS - RAMP WS		WP - WOOD POST
		OH - OVERHEAD
SIGN PANEL NUMBER		TM - TRUSS SUPPORT MOUNTED
		SP - SIGNAL POLE BANDING
		PP - PARAPET OR PIER MOUNTED

FILE PATH = p:\N\ECOM\NA-NV\Leecomm\IneLocal\ECOM_DS02_NA\Documents\01_Americas\Transportation\60269938_Circle Phase\I\000_CAD\006_Roadway\Sheets\62A77_Contract\0162A77-SHT-Sign-OSS-14.dgn



**PROPOSED SPAN MOUNT (SB I-90/94)
NORTH OF TAYLOR STREET STA 6245 + 25.00
#1S016I094R52.1**



DI62A77-SHT-Sign-OSS-14.dgn	DESIGNED - MJL	REVISED -
USER NAME = mrc1ss	DRAWN - MSW	REVISED -
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PLOT DATE = 1/23/2020	DATE - 1/29/2019	REVISED -

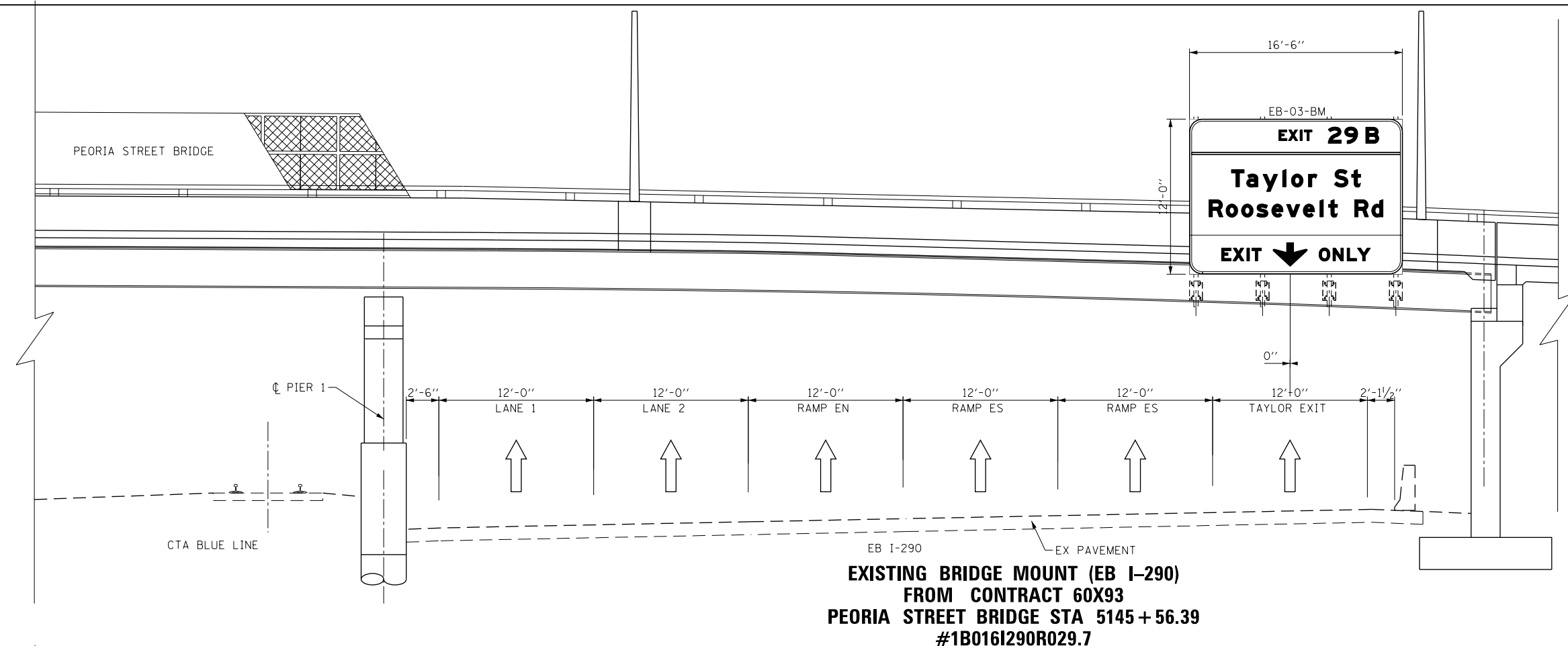
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

OVERHEAD SIGN STRUCTURES SIGN PANEL PLACEMENT			
SCALE: 1" = 5'	SHEET 13 OF 15 SHEETS	STA.	TO STA.

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	677
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				

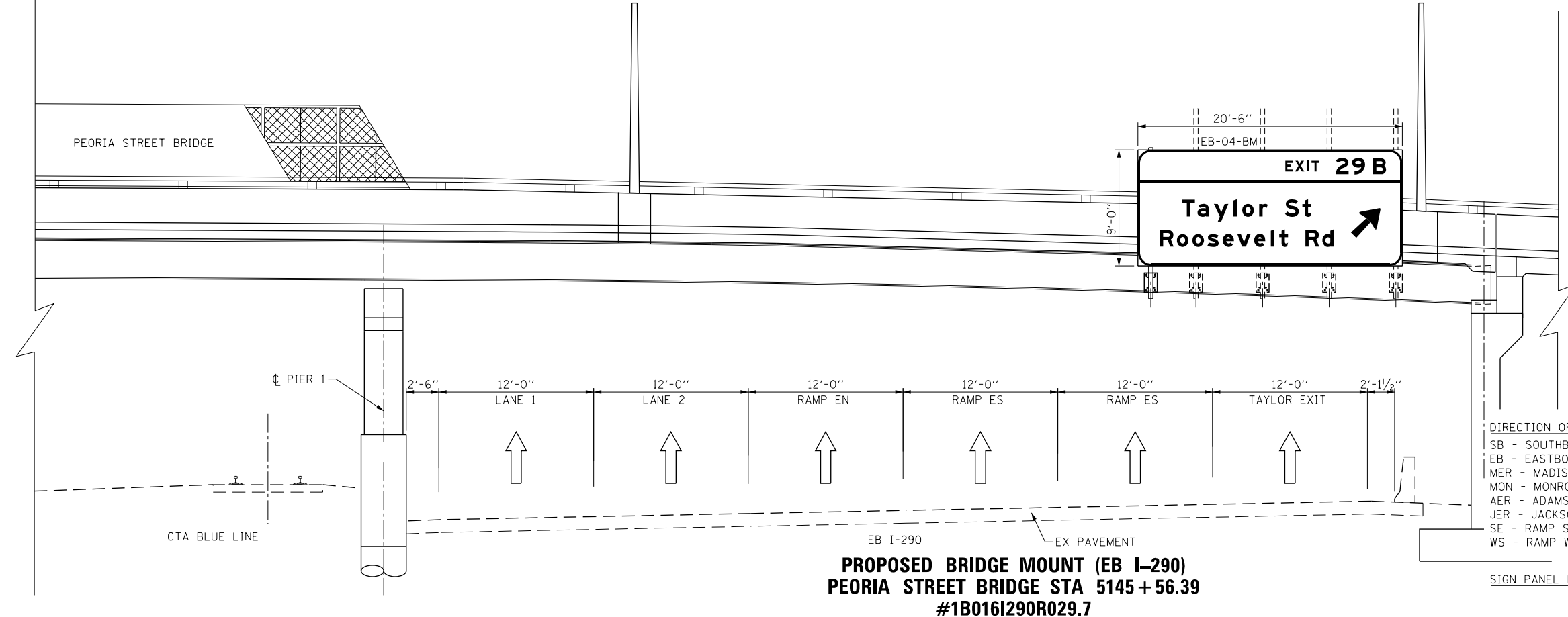
SB-14A

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**EXISTING BRIDGE MOUNT (EB I-290)
FROM CONTRACT 60X93
PEORIA STREET BRIDGE STA 5145 + 56.39
#1B016I290R029.7**

- NOTES:**
1. ALL DIMENSIONS SHOWN FOR THE EXISTING BRACKETS ON THE BRIDGE MOUNT ARE APPROXIMATED. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO ORDERING SIGNS.
 2. SEE BRIDGE MOUNT SIGN STRUCTURES DETAILS FOR LAYOUT OF SUPPORTS.



**PROPOSED BRIDGE MOUNT (EB I-290)
PEORIA STREET BRIDGE STA 5145 + 56.39
#1B016I290R029.7**

SIGN NUMBERING CODE EXAMPLE

WN-03-LP	MOUNTING TYPE
SB - SOUTHBOUND I-90/94	LP - LIGHT POLE BANDING
EB - EASTBOUND I-290	MP - METAL POST
MER - MADISON EXIT RAMP	BW - BARRIER WALL MOUNTED
MON - MONROE EXIT RAMP	FM - FENCE MOUNTED
AER - ADAMS EXIT RAMP	GM - GROUND MOUNTED
JER - JACKSON EXIT RAMP	BM - BRIDGE MOUNTED
SE - RAMP SE	BS - BREAKAWAY STEEL
WS - RAMP WS	WP - WOOD POST
	OH - OVERHEAD
	TM - TRUSS SUPPORT MOUNTED
	SP - SIGNAL POLE BANDING
	PP - PARAPET OR PIER MOUNTED

SIGN PANEL NUMBER



DI62A77-SHT-Sign-OSS-19.dgn
USER NAME = mrc155
PLOT SCALE = 10.0000 "/>

DESIGNED - MJL
DRAWN - MSW
CHECKED - JMG
DATE - 1/29/2019

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

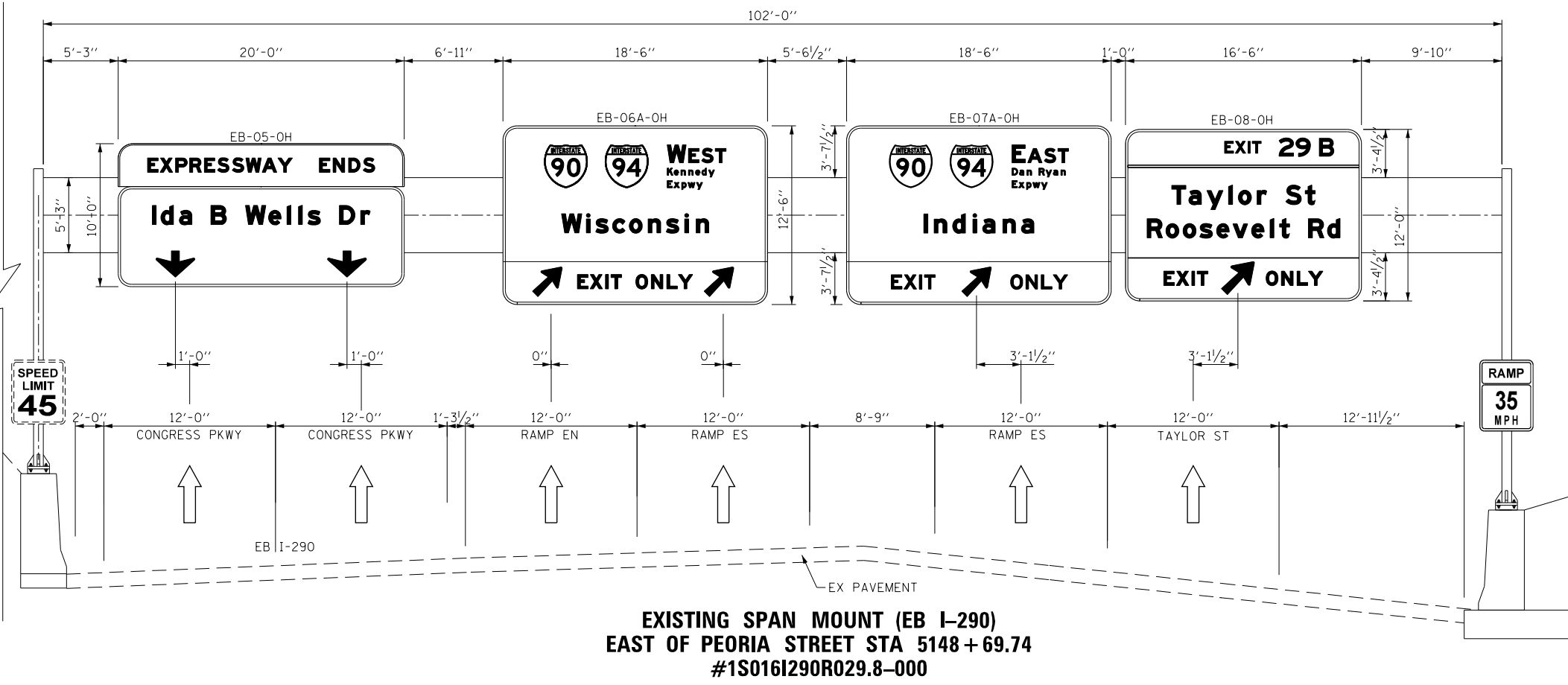
**OVERHEAD SIGN STRUCTURES
SIGN PANEL PLACEMENT**

SCALE: 1" = 5' SHEET 14 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	678
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				

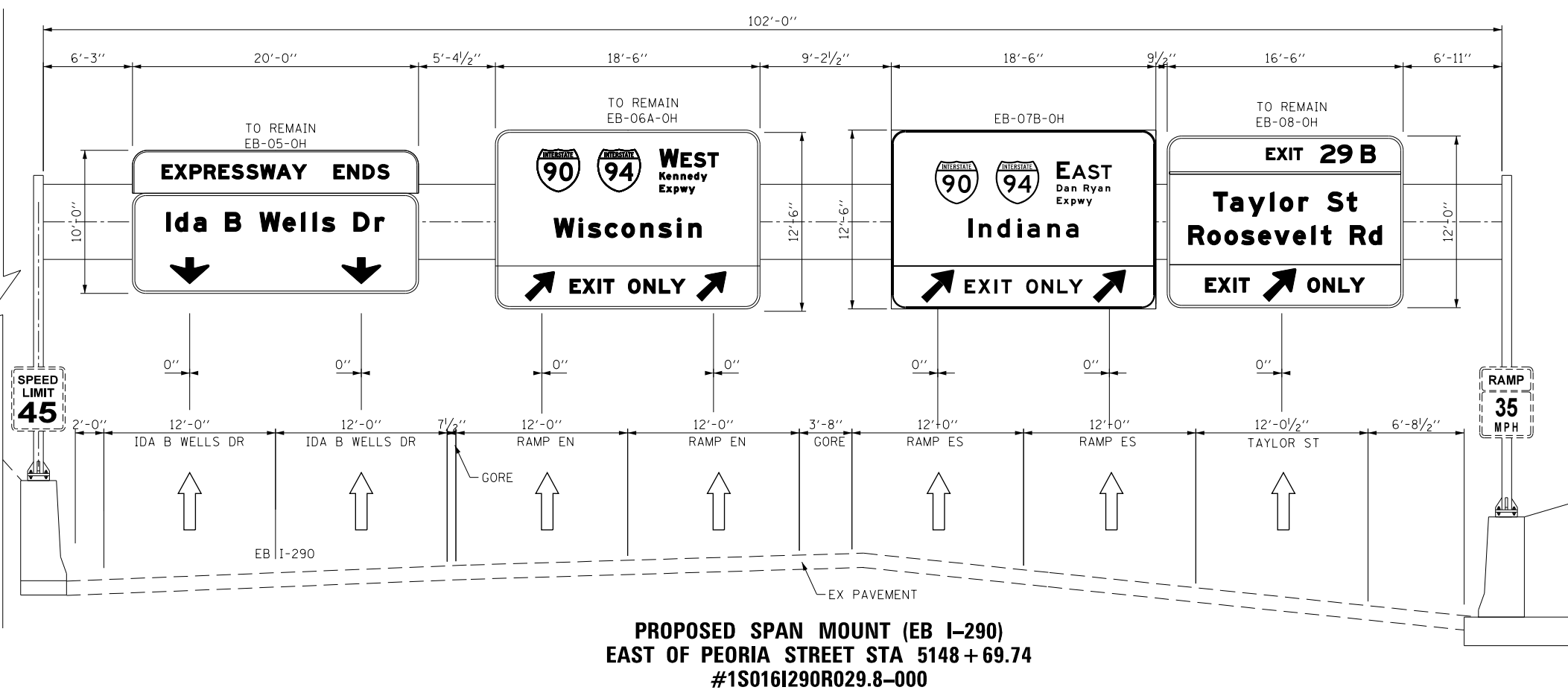
EB-02

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SIGN NUMBERING CODE EXAMPLE

DIRECTION OF TRAFFIC	WN-03-LP	MOUNTING TYPE
SB - SOUTHBOUND I-90/94		LP - LIGHT POLE BANDING
EB - EASTBOUND I-290		MP - METAL POST
MER - MADISON EXIT RAMP		BW - BARRIER WALL MOUNTED
MON - MONROE EXIT RAMP		FM - FENCE MOUNTED
AER - ADAMS EXIT RAMP		GM - GROUND MOUNTED
JER - JACKSON EXIT RAMP		BM - BRIDGE MOUNTED
SE - RAMP SE		BS - BREAKAWAY STEEL
WS - RAMP WS		WP - WOOD POST
		OH - OVERHEAD
		TM - TRUSS SUPPORT MOUNTED
		SP - SIGNAL POLE BANDING
		PP - PARAPET OR PIER MOUNTED
SIGN PANEL NUMBER		



D162A77-SHT-Sign-OSS-20.dgn	DESIGNED - MJL	REVISED -
USER NAME = mrc155	DRAWN - MSW	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED - JMG	REVISED -
PLOT DATE = 1/23/2020	DATE - 1/29/2019	REVISED -

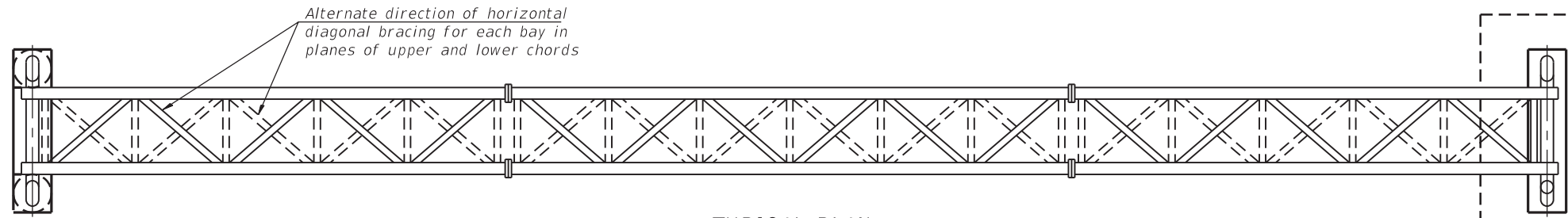
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
SIGN PANEL PLACEMENT

SCALE: 1" = 5' SHEET 15 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	679
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				

EB-03



GENERAL NOTES

DESIGN: 2015 AASHTO LRFD Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals, 1st Edition with 2019 Interim Revisions. ("AASHTO Specifications")

CONSTRUCTION: Current (at time of letting) Illinois Department of Transportation Standard Specifications for Road and Bridge Construction, Supplemental Specifications and Special Provisions. ("Standard Specifications")

LOADING: 120 M.P.H. WIND VELOCITY

WALKWAY LOADING: Dead load plus 500 lbs. concentrated live load.

DESIGN STRESSES:
Field Units
f'c = 3,500 p.s.i.
fy = 60,000 p.s.i. (reinforcement)

WELDING: All welds to be continuous unless otherwise shown. All welding to be done in accordance with current AWS D1.1 and D1.2 Structural Welding Codes (Steel and Aluminum) and the Standard Specifications.

MATERIALS: Aluminum Alloys as shown throughout plans. All Structural Steel Pipe shall be ASTM A53 Grade B or A500 Grade B or C. If A500 pipe is substituted for A53, then the outside diameter shall be as detailed and wall thickness greater than or equal to A53. All Structural Steel Plates and Shapes shall conform to AASHTO M270 Gr. 36, Gr. 50 or Gr. 50W*. Stainless steel for shims, sleeves and handhole covers shall be ASTM A240, Type 302 or 304, or another alloy suitable for exterior exposure and acceptable to the Engineer. The steel pipe and stiffening ribs at the base plate for the column shall have a minimum longitudinal Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F. (Zone 2) before galvanizing.

FASTENERS FOR ALUMINUM TRUSSES: All bolts noted as "high strength" must satisfy the requirements of AASHTO M164 (ASTM A325), or approved alternate, and must have matching lock nuts. Threaded studs for splices (if Members interfere) must satisfy the requirements of ASTM A449, ASTM A193, Grade B7, or approved alternate, and must have matching lock nuts. Bolts and lock nuts not required to be high strength must satisfy the requirements of ASTM A307. All bolts and lock nuts must be hot dip galvanized per AASHTO M232. The lock nuts must have nylon or steel inserts. A stainless steel flat washer conforming to ASTM A240 Type 302 or 304, is required under both head and nut or under both nuts where threaded studs are used. High strength bolt installation shall conform to Article 505.04 (f) (2)d of the IDOT Standard Specifications for Road and Bridge Construction. Rotational capacity ("ROCAP") testing of bolts will not be required.

U-BOLTS AND EYEBOLTS: U-Bolts and Eyebolts must be produced from ASTM A276 Type 304, 304L, 316 or 316L, Condition A, cold finished stainless steel, or an equivalent material acceptable to the Engineer. All nuts for U-Bolts and Eyebolts must be lock nuts equivalent to ASTM A307 with nylon or steel inserts and hot dip galvanized per AASHTO M232. A stainless steel flat washer conforming to ASTM A240, Type 302 or 304, is required under each U-Bolt and Eyebolt lock nut.

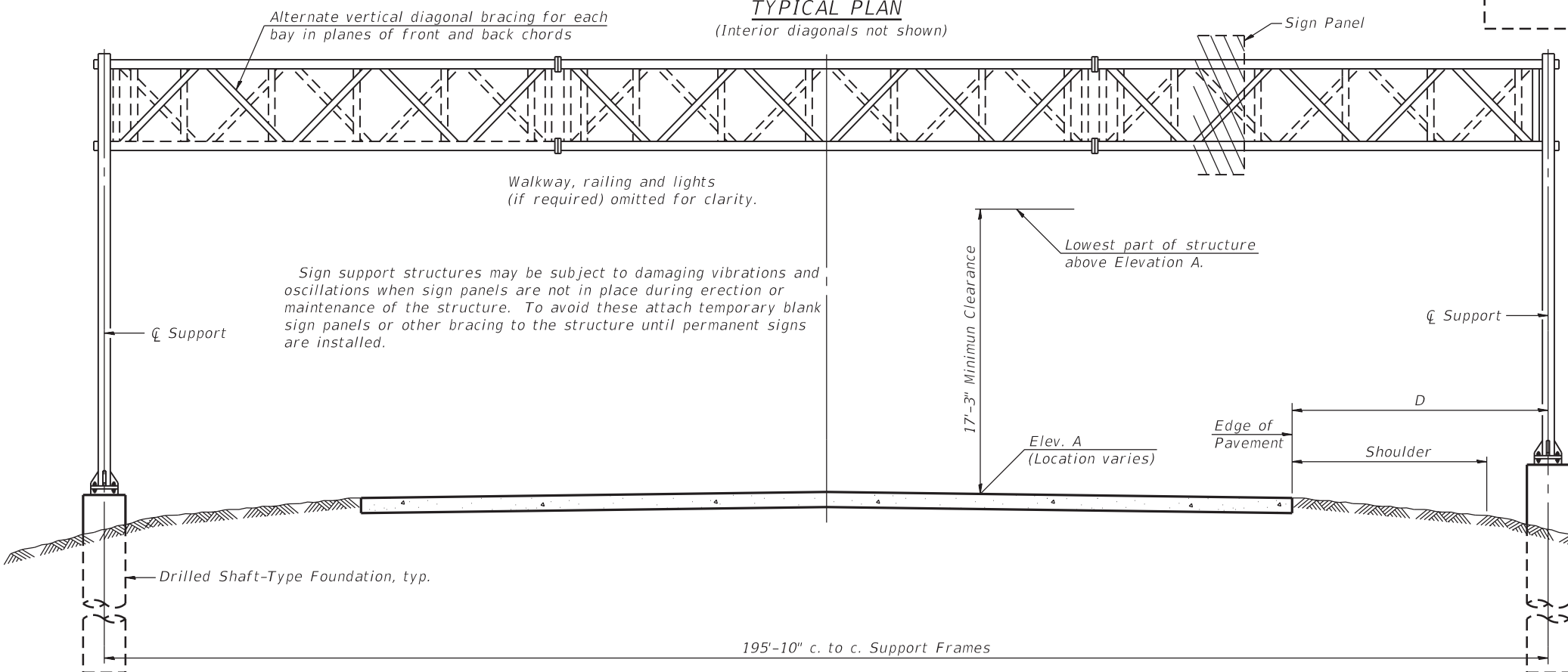
GALVANIZING: All Steel Grating, Plates, Shapes and Pipe shall be Hot Dip Galvanized after fabrication in accordance with AASHTO M111. Painting is not permitted.

ANCHOR RODS: Shall conform to ASTM F1554 Gr. 105.

CONCRETE SURFACES: All concrete surfaces above an elevation 6" below the lowest final ground line at each foundation shall be cleaned and coated with Concrete Sealer in accordance with the Standard Specifications.

REINFORCEMENT BARS: Reinforcement Bars designated (E) shall be epoxy coated in accordance with the Standard Specifications.

FOUNDATIONS: The contract unit price for Concrete Foundations and Drilled Shaft Concrete Foundations shall include reinforcement bars complete in place.



TYPICAL ELEVATION
(Looking at Face of Signs**)

Elev. A = Elevation at point of minimum clearance to sign, walkway support or truss.

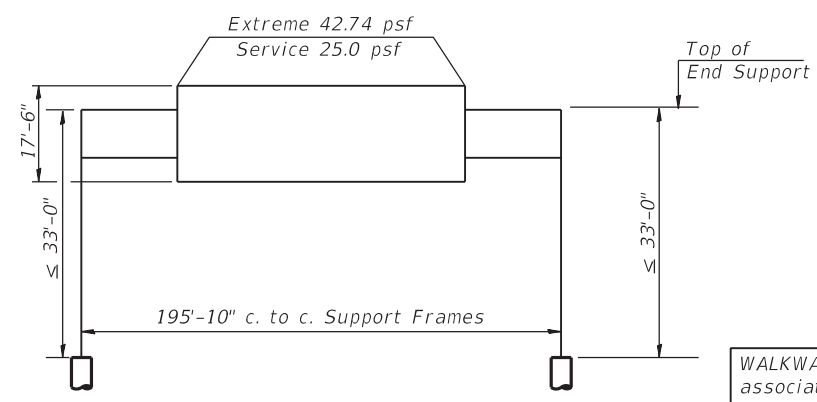
Structure Number	***Station	Design Truss Type	c. to c. Supports	Elev. A	Dim. D	t Height of Tallest Sign	Total Sign Area
IS0161094R051.0	6175+00.00	Special	195'-10"	576.13	8'-11"	20'-0"	1353.75 Sq. Ft.

* If M270 Gr. 50W (M222) steel is proposed, chemistry for plate to be used shall first be approved by the Engineer as suitable for galvanizing and welding.

** Looking upstation for structures with signs both sides.

*** Measured along Prop. \varnothing NB I-90/94

WALKWAY: Walkway grating, walkway brackets, handrails, lighting and associated components shown in these plans on the traffic side of the sign structure/sign panel will not be installed with Contract 62A77. The truss grating and maintenance walkway behind the sign panel will be included with Overhead Sign Structure - Span (Special).



DESIGN WIND LOADING DIAGRAM

Parameters shown are based on 2015 AASHTO LRFD Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals, 1st Edition with 2019 interim revisions and are applicable for this Non-Standard Sign Structure only.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
OVERHEAD SIGN STRUCTURE - SPAN (SPECIAL)	Foot	196
DRILLED SHAFT CONCRETE FOUNDATIONS	Cu. Yds.	122.0



SIGNED: *Moussa A. Issa*
DR. MOUSSA A. ISSA, S.E., IL. LIC. NO. 081-005738
EXPIRES 11-30-2020
DATE: 1/29/2020 FOR SHEETS SS01 THRU SS11 (TOTAL OF 11 SHEETS)

t Includes height of Exit Hat

05-A-1-SPECIAL 2-17-2017



USER NAME = all.issa	DESIGNED - IL, EBK	REVISED -
PLOT SCALE = N.T.S	CHECKED - JJS, MAI	REVISED -
PLOT DATE = 1/23/2020	DRAWN - EBK, AMS	REVISED -
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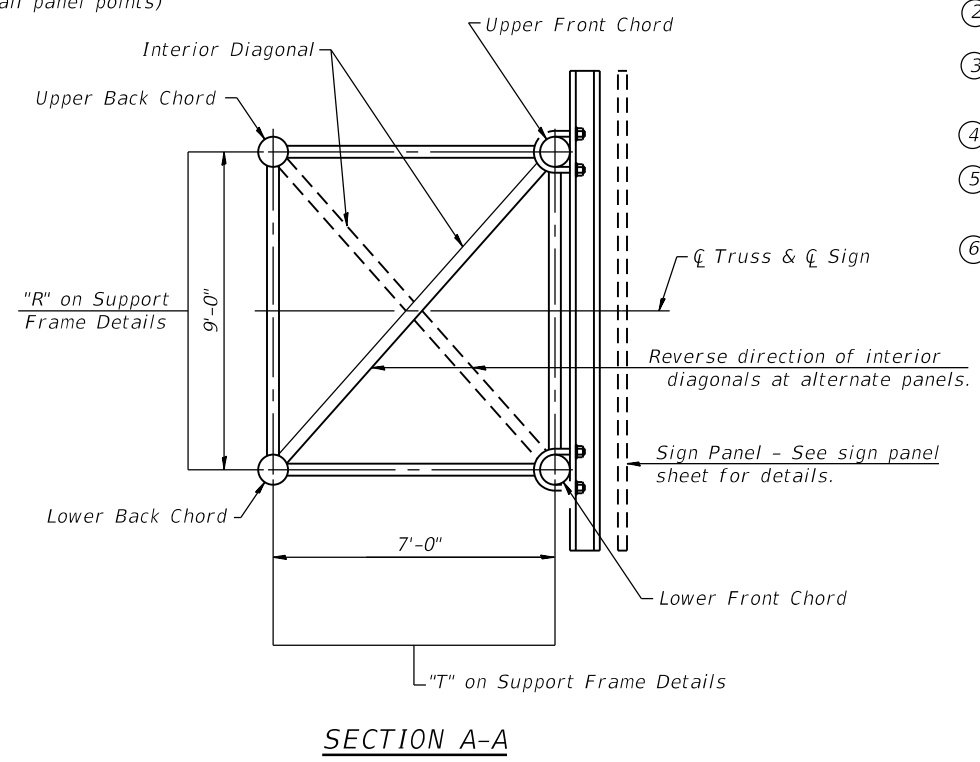
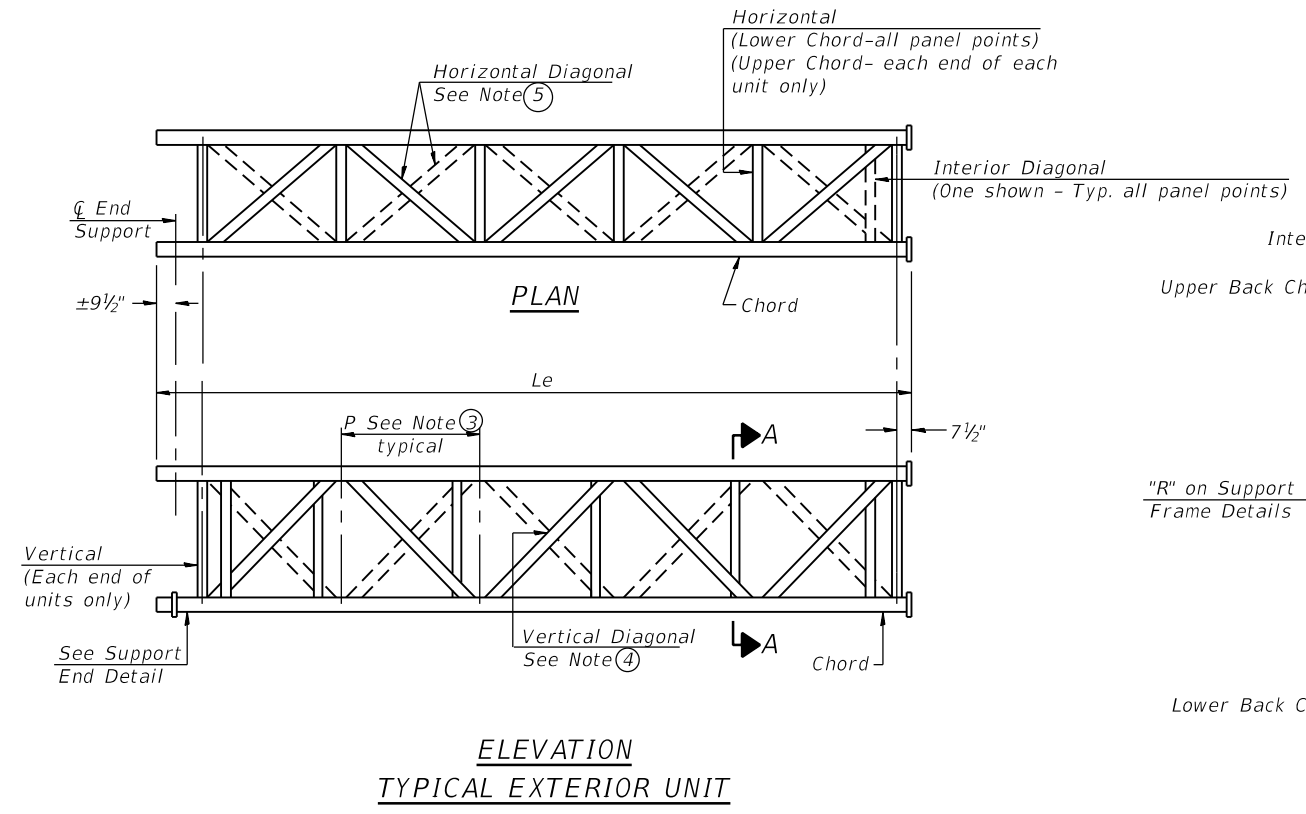
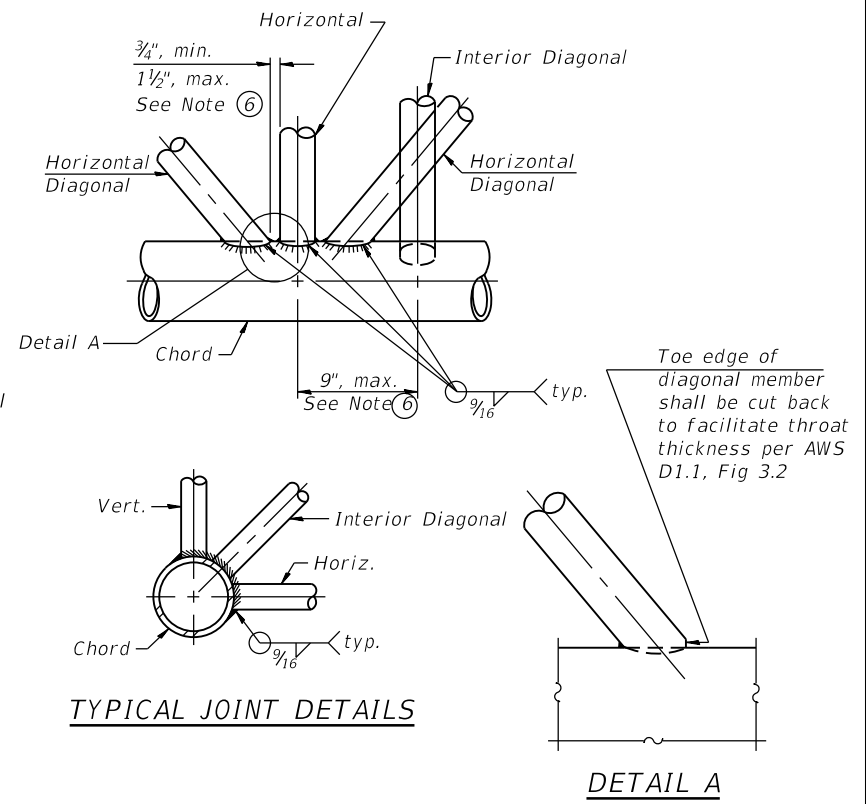
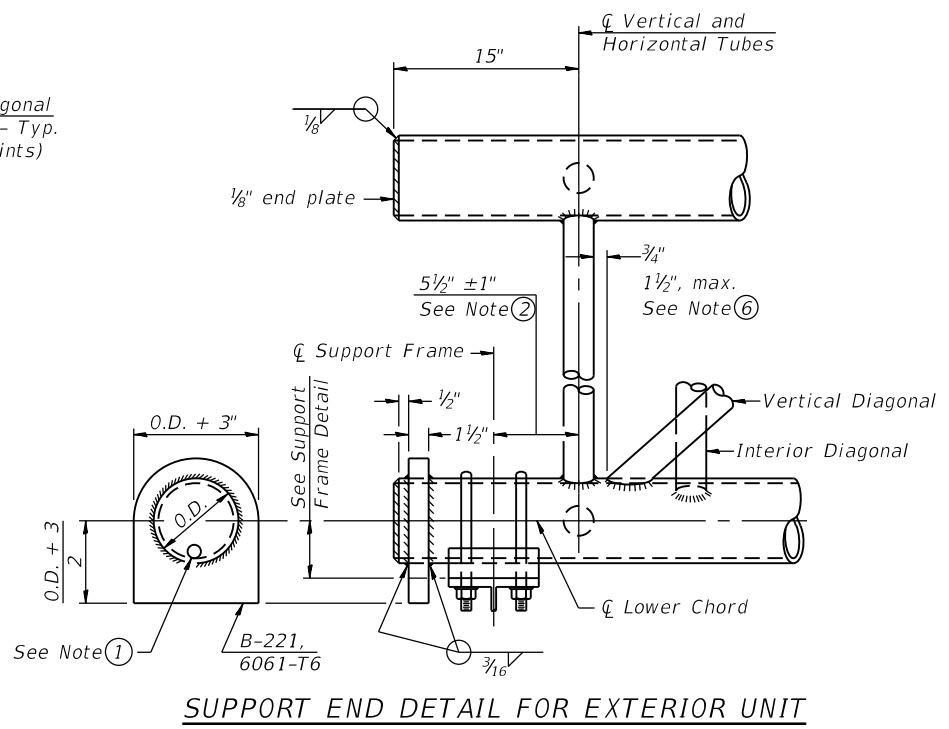
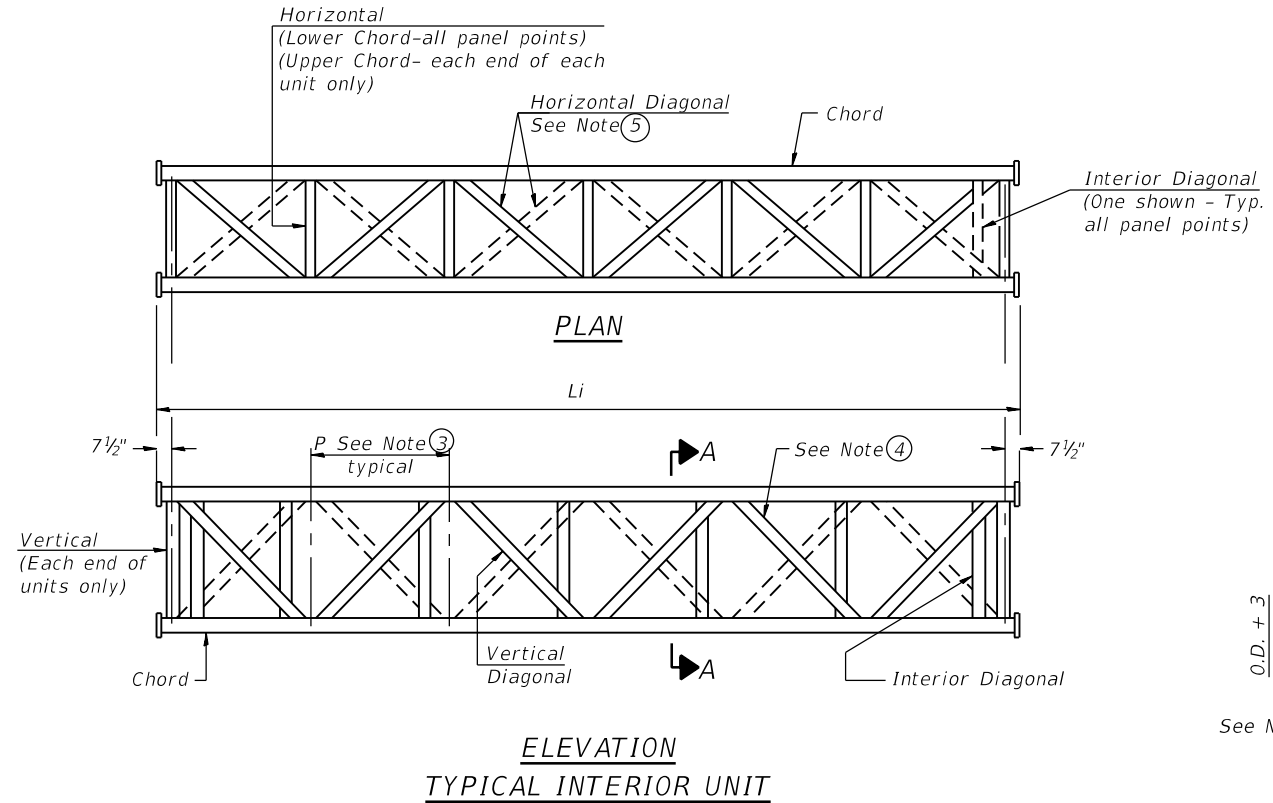
OVERHEAD SIGN STRUCTURES (SPECIAL) - GENERAL PLAN &
ELEVATION - ALUMINUM TRUSS & STEEL SUPPORTS

F.A.I. RTE. 90/94/290	SECTION 2015-018R	COUNTY COOK	TOTAL SHEETS 1360	SHEET NO. 680
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				

SHEET NO. SS01 OF SS83 SHEETS

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- ① Contractor may alternatively use standard aluminum drive-fit cap to close end. 1/2" Ø drain hole in end plate/drive-fit cap. (Typ. at ends of all chords)
- ② 5 1/2" end dimension may vary by ± 1" to provide uniform panel spacing (P).
- ③ Panel spacing (P) shall be uniform for entire truss and equal 5'-2 7/8"
- ④ Vertical Diagonals in front and back face shall alternate.
- ⑤ Hidden lines show wind bracing alternates direction between planes of top and bottom chords.
- ⑥ All diagonals shall be detailed for minimum offset from the panel point based on the following: Offset shall be such as to provide a 3/4" minimum to 1 1/2" maximum clearance between any diagonal and any horizontal or vertical member, and to provide clearance for U-bolt connections of signs or walkway brackets.

05-A-2-SPECIAL 2-17-2017



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		CHECKED -	JJS, MAI	REVISED -	
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PLOT DATE =	1/23/2020	CHECKED -	JJS, MAI	REVISED -	

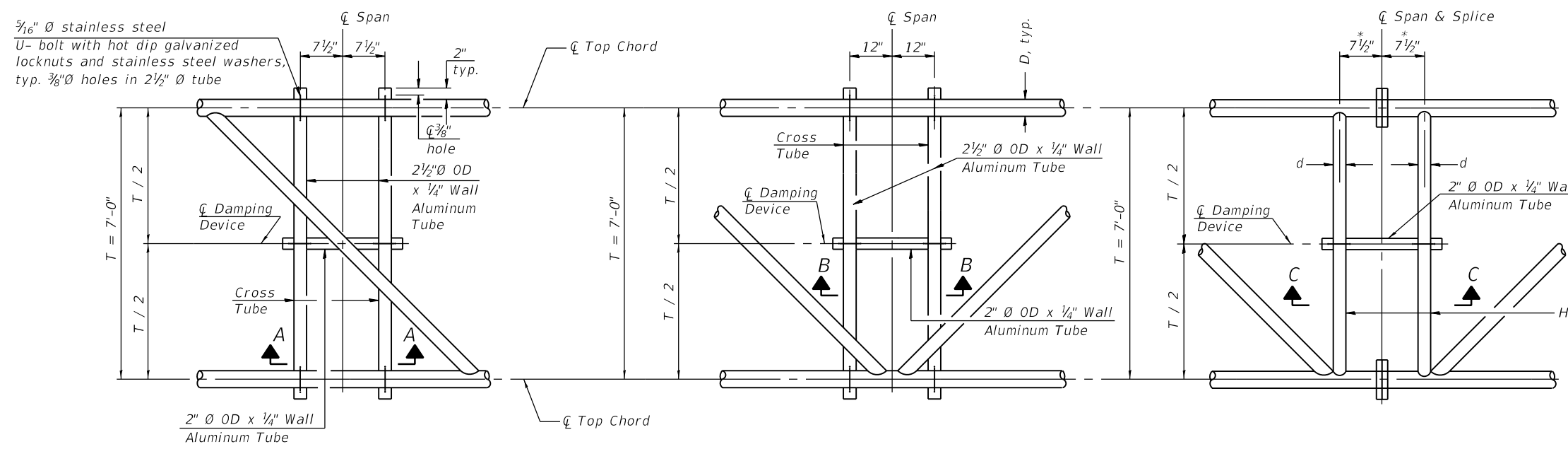
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES (SPECIAL) - ALUMINUM TRUSS
DETAILS

SHEET NO. SS02 OF SS83 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	681
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				

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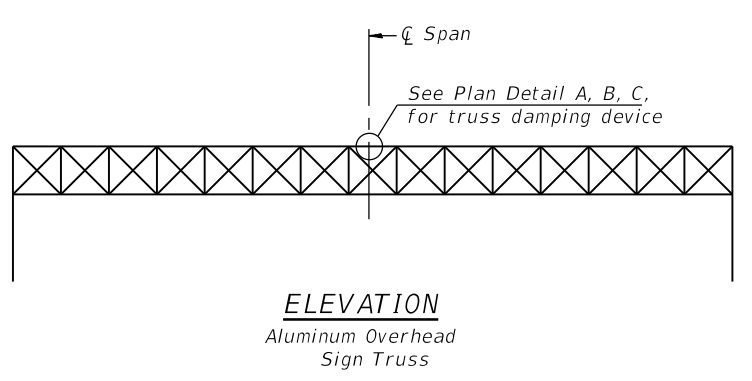
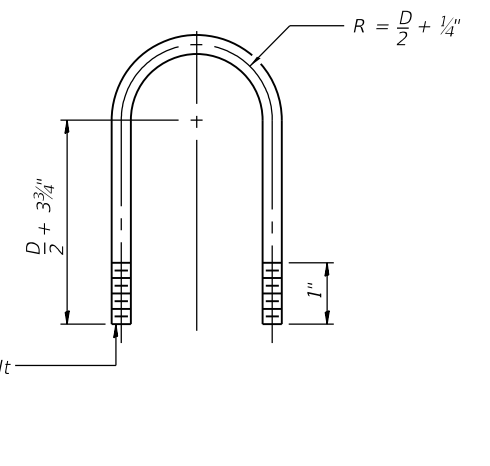
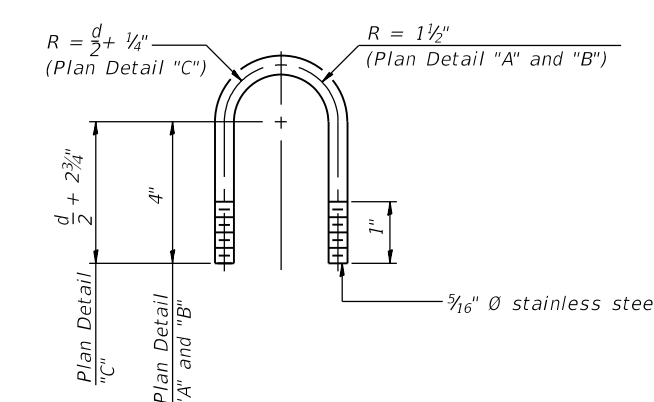
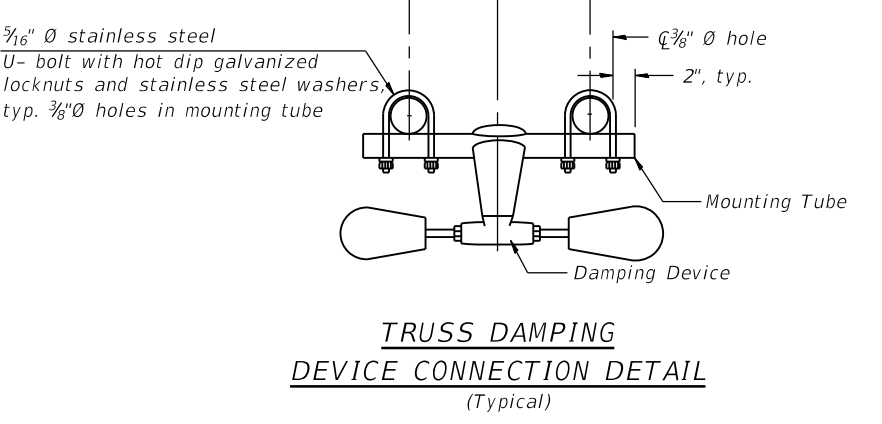
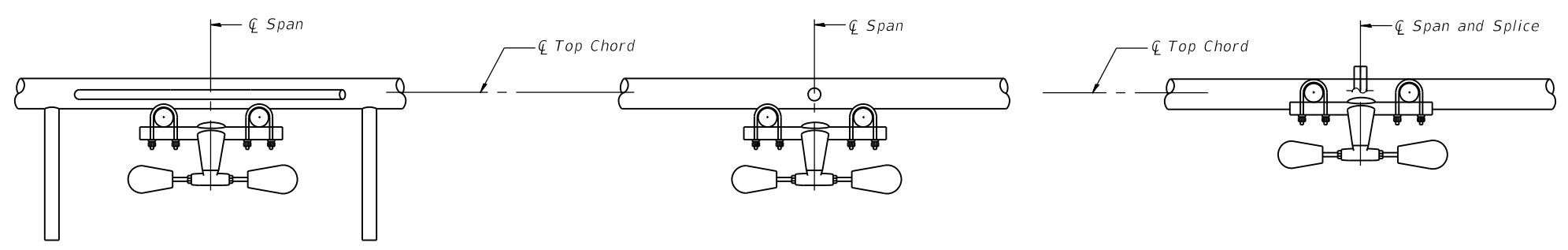


* Center of horizontal to center of splice dimension may vary. Verify before drilling holes in mounting tube.

NOTES

Damper: One damper per truss. (31 lbs. minimum Stockbridge-Type Aluminum - 29" minimum between ends of weights) Cost included in Overhead Sign Structure...

Materials: Materials: Aluminum tubes shall be ASTM B221 alloy 6061 temper T6. Cost included in Overhead Sign Structure...



05-A-D SPECIAL 2-17-2017



USER NAME =	all.jssa	DESIGNED -	IL, EBK	REVISED -	
		CHECKED -	JJS, MAI	REVISED -	
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

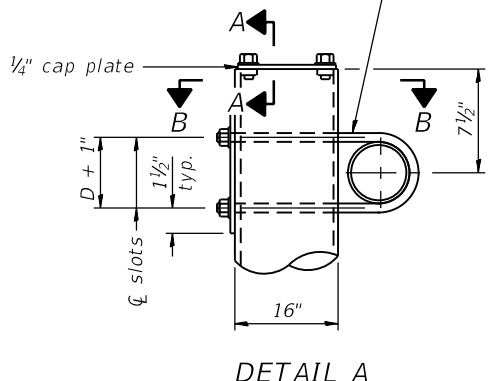
OVERHEAD SIGN STRUCTURE (SPECIAL)
 DAMPING DEVICE

SHEET NO. SS04 OF SS83 SHEETS

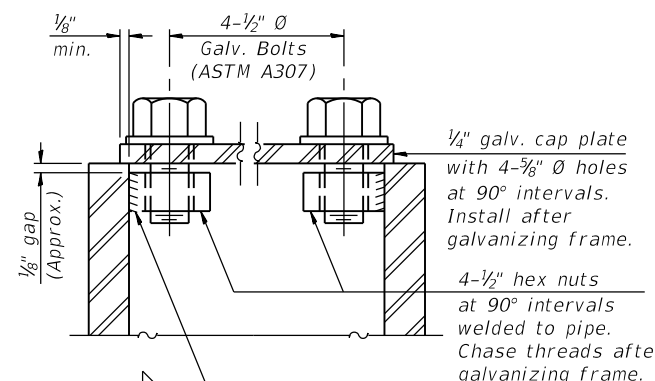
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ILLINOIS FED. AID PROJECT				

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1 1/4" Ø stainless steel U-bolt.
Provide two washers and two hexagon locknuts. (4)
1 7/8" x 2" slots on 1 1/2" Ø pipe.
(4 slots required per pipe)

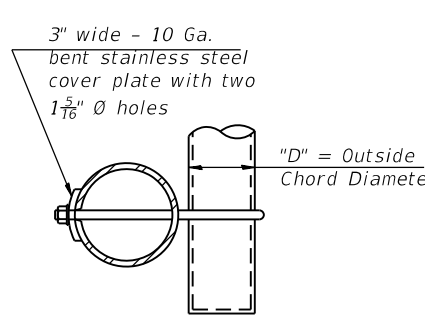


DETAIL A

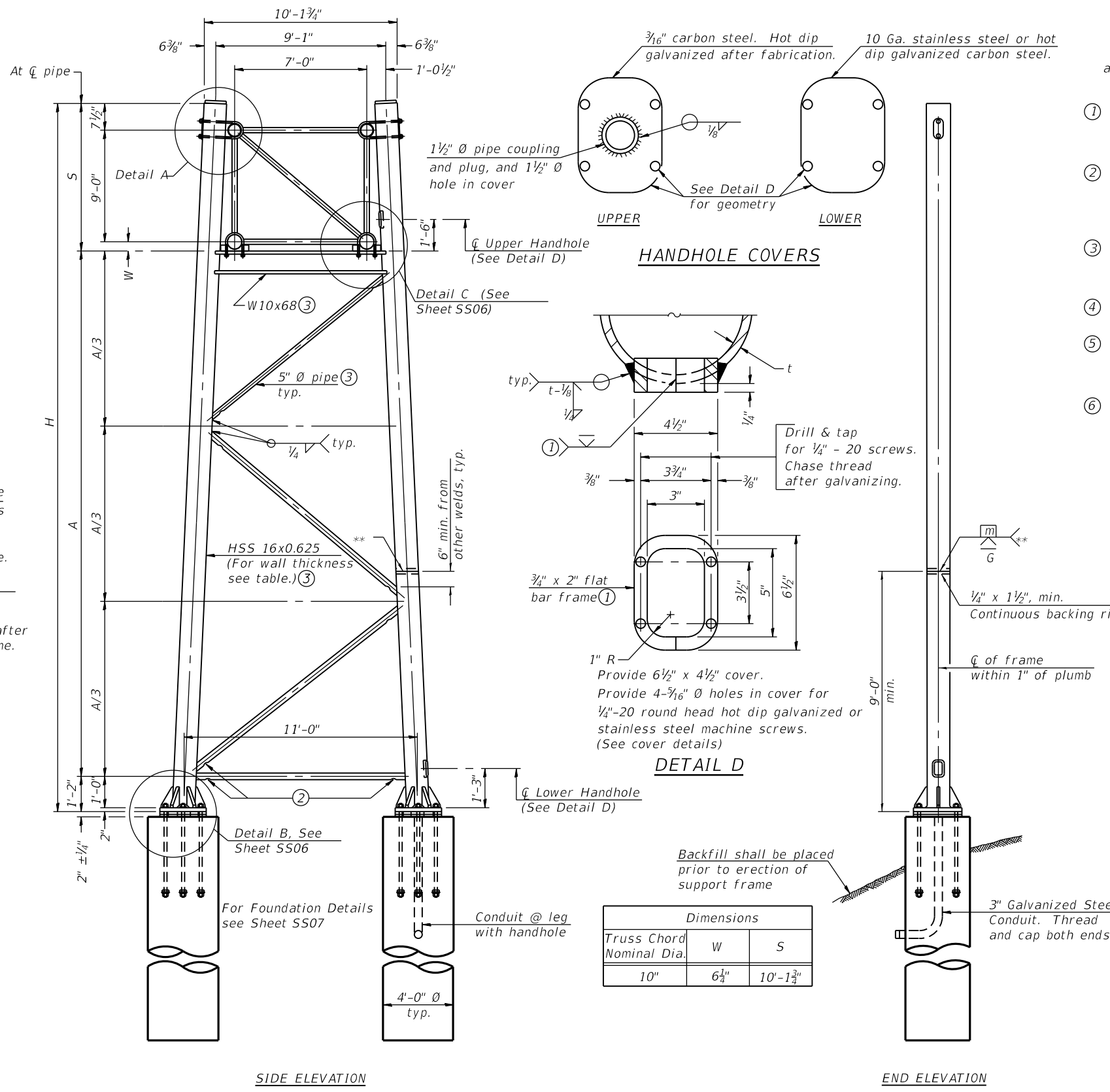


SECTION A-A

As an alternate to bolts, may use galvanized drive-fit caps installed after galvanizing frame.



SECTION B-B



Support Design Loads: See Sheet SS01 for design and loading criteria.

- In lieu of fabricated handhole frame as shown, may cut from 2" plate (rolling direction vertical). All cut faces to be ground to ANSI Roughness of 500 µin or less.
- Galvanizing vent holes of adequate size shall be provided on underside at each end of bracing pipes. Alternately, holes may be provided in wall of pipe column. All vent holes shall be drilled and de-burred, typ.
- Steel pipe, plate, carbon steel handhole covers and rolled sections shall be hot dip galvanized after fabrication. Painting is not permitted. See Sheet SS01.
- See General Notes for fasteners.
- Dimensions shown are based on selection criteria in the Sign Structures Manual. Nonstandard applications must have dimensions verified or amended as appropriate.
- "H" based on 15'-0" or actual sign height (21'-6"), whichever is greater.

TRUSS SUPPORT DETAILS

HSS 16x0.625 Truss Support
** One butt welded joint is allowed only on one post per support frame. If used, weld procedure must be pre-approved by Engineer and joint shall receive 100% RT or UT (tension criteria) at Contractor's expense.

Structure Number	*Station	Support		Pipe Wall Thickness	H (6)	A
		Left	Right			
150161094R051.0	6175+00.00	X		0.625"	28'-2"	16'-10 1/4"
			X	0.625"	30'-9 1/2"	19'-5 3/4"

*Measured along Prop. 1/2 NB 1-90/94

054-A-8a SPECIAL 2-17-2017



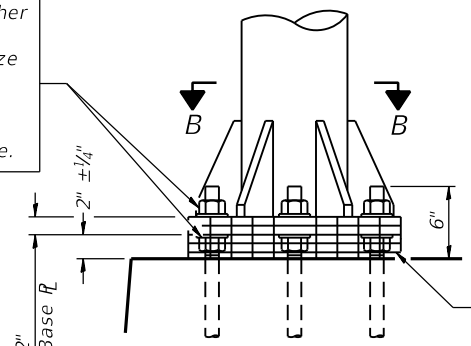
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES (SPECIAL) – SUPPORT FRAME
FOR ALUMINUM TRUSS

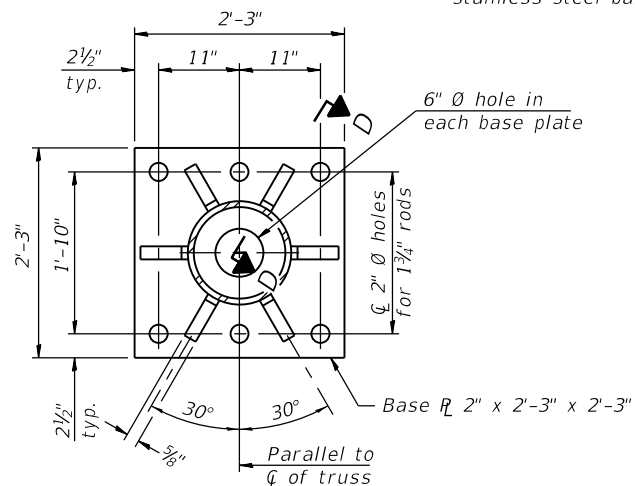
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90/94/290	2015-018R	COOK	1360	684
CONTRACT NO. 62A77				
SHEET NO. SS05 OF SS83 SHEETS				
ILLINOIS FED. AID PROJECT				

Hexagon locknut and washer (top), leveling nut and washer (bottom). Galvanize per AASHTO M232. Nuts shall each be tightened against base plate with 200 lb.-ft. minimum torque.

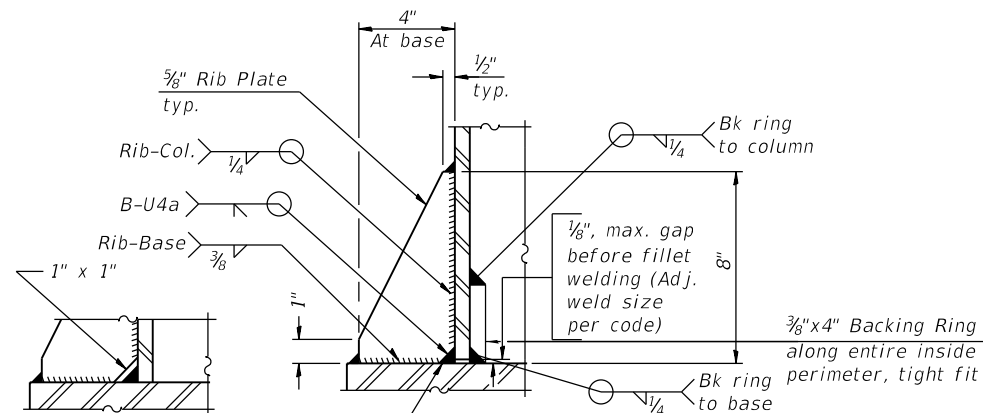


DETAIL B
Ribs shall be cut to fit slope of pipe.

Stainless Steel Standard Grade Wire Cloth, 3" wide, 1/4" maximum opening with a minimum wire diameter of AWG. No. 16 with a minimum 2" lap. Secure to base plate after erection with 3/4" stainless steel banding.

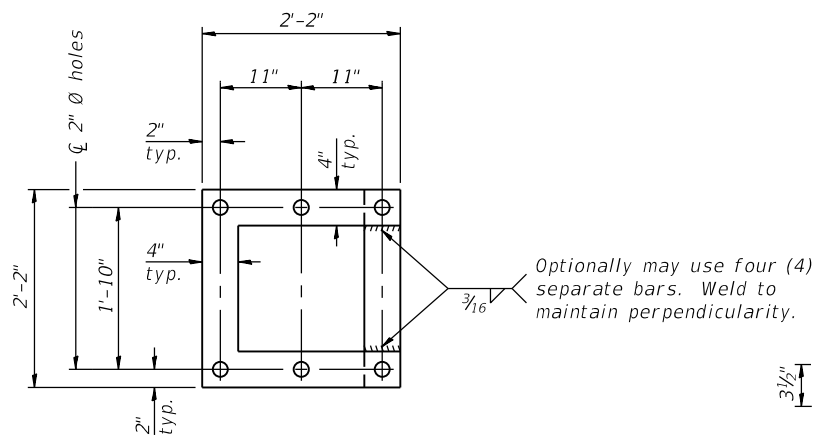


SECTION B-B



** Alternate detail if welding col. to base plate first, then snip inside corner of ribs. Terminate weld on rib 1/4" from snip.

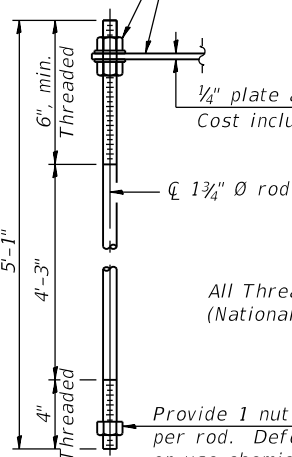
SECTION D-D



POSITIONING PLATE(S)

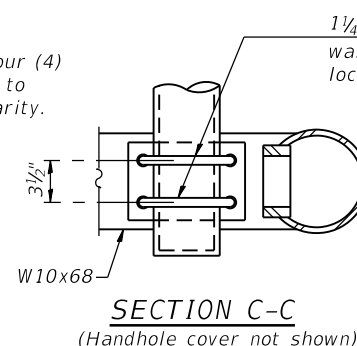
Optionally may use four (4) separate bars. Weld to maintain perpendicularity.

At each location, provide 1/4" thick positioning plate(s) and six (6) additional nuts to be used with leveling nuts to maintain anchor bolts position during concrete placement.
1/4" plate and extra nuts become Contractor's property. Cost included in "Drilled Shaft Concrete Foundation".



ANCHOR ROD DETAIL

Anchor rods shall conform to ASTM F1554 Grade 105. Galvanize upper 12" minimum per AASHTO M232. No welding shall be permitted on rods.



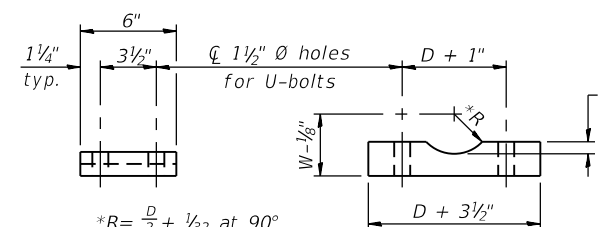
SECTION C-C
(Handhole cover not shown)

1 1/4" Ø U-bolts. Provide washers and hexagon locknuts. (2 required)

Field drill 1 1/16" Ø holes. Touch up holes with galvanizing paint. Drain hole (See Sheet 5502.)

1/8" fabric or neoprene pad.

DETAIL C



*R = D/2 + 1/2 at 90°
D = Outside Diameter of Chord.
For W, see Base Sheet 054-A-8a.

Truss Chord Nominal Dia.	a
10"	1 1/2"

SADDLE SHIM DETAIL

ASTM B26 Alloy 356-F
or
ASTM B209 Alloy 6061-T651
(4 required per sign truss)

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PLOT DATE =	1/23/2020	DRAWN -	EBK, AMS	REVISED -	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

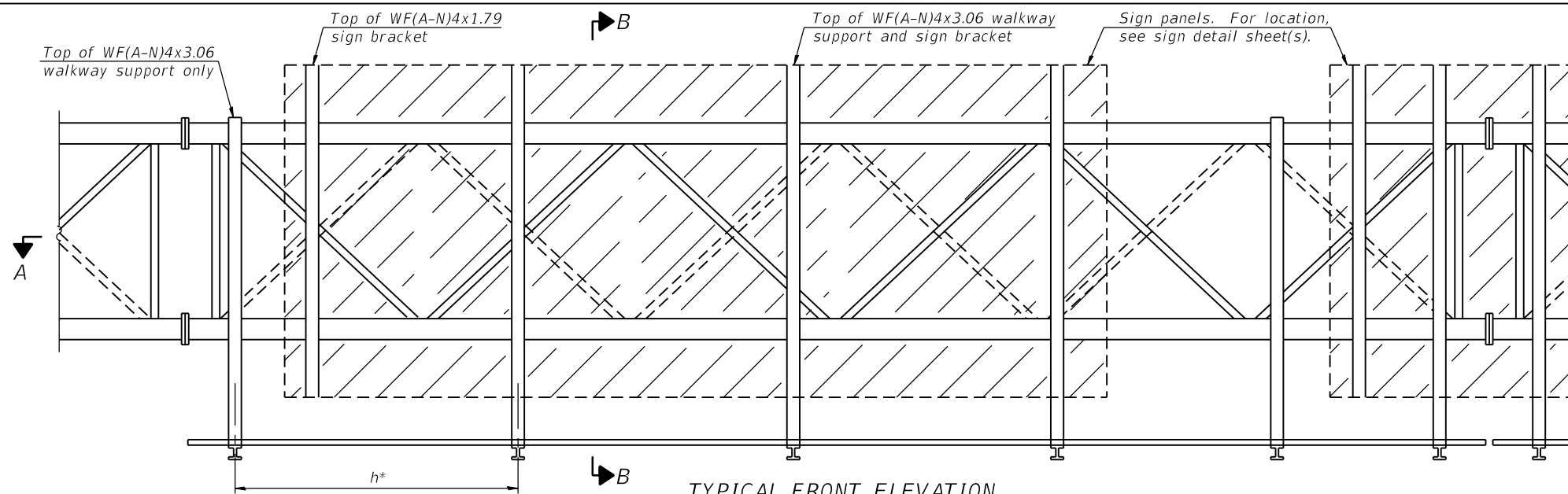
OVERHEAD SIGN STRUCTURES (SPECIAL)
SUPPORT FRAME FOR ALUMINUM TRUSS DETAILS

SHEET NO. SS06 OF SS83 SHEETS

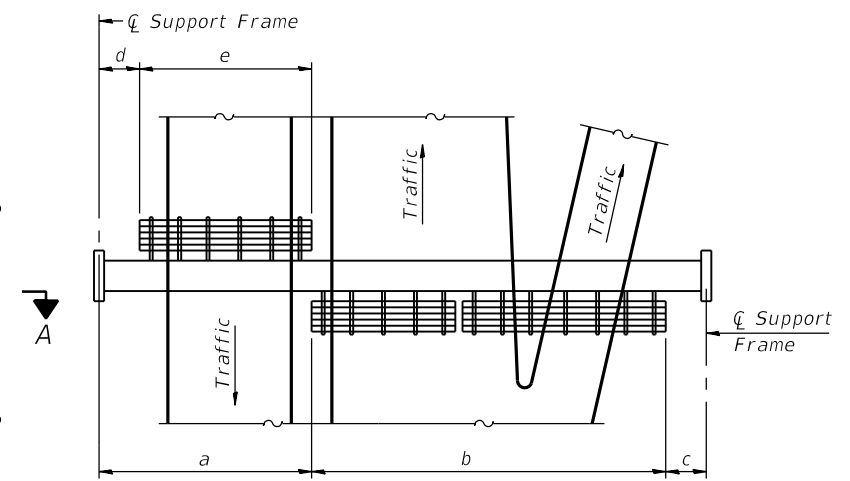
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90/94/290	2015-018R	COOK	1360	685
CONTRACT NO. 62A77				

ILLINOIS FED. AID PROJECT

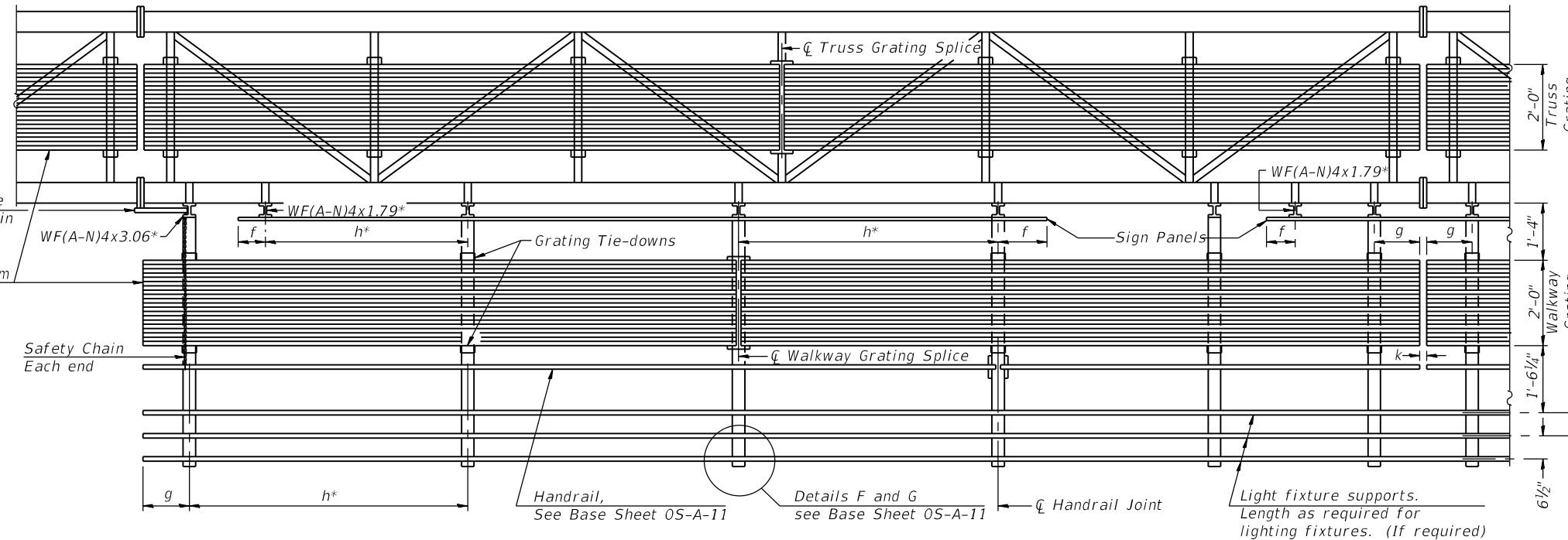
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TYPICAL FRONT ELEVATION
 With lights and handrail omitted for clarity.
 For Section B-B, see Base Sheet 05-A-10.



PLAN WALKWAY AND HANDRAIL SKETCH
 (Road plan beneath truss varies)



SECTION A-A

Handrail and walkway shall span a minimum of three brackets between splices and/or gap joints. Place all sign and walkway brackets as close to panel points as practical. Handrail joints, grating, and light support splices placed as needed.

BRACKET TABLE

Sign Width		Number Brackets Required
Greater Than	Less Than or Equal To	
	8'-0"	2
8'-0"	14'-0"	3
14'-0"	20'-0"	4
20'-0"	26'-0"	5
26'-0"	32'-0"	6

Notes:
 * Space walkway brackets WF(A-N)4x3.06 and sign brackets WF(A-N)4x1.79 for efficiency and within limits shown:
 f = 12" maximum, 4" minimum (End of sign to ϕ of nearest bracket)
 g = 12" maximum, 4" minimum (End of walkway grating to ϕ of nearest support bracket)
 h = 6'-0" maximum (ϕ to ϕ sign and/or walkway support brackets, WF(A-N)4x1.79 or WF(A-N)4x3.06)
 k = 2" maximum gap between adjacent walkway grating sections and handrail ends

** If walkway bracket at safety chain location is behind sign, add angle to bracket, see Alternate Safety Chain Attachment on Base Sheet 05-A-11.

For Details T and W, Section B-B and Grating Splice Details see Sheet SS09.
 For Handrail Details see Base Sheet 05-A-11.

Structure Number	***Station	a	b	c	d	e	Walkway Grating and Handrail Lengths
IS0161094R051.0	6175+00.00	-	-	-	-	-	-

Truss grating to facilitate inspection shall run full length (center to center of support frames) $\pm 12"$ on overhead trusses. Cost of truss grating is included in "Overhead Sign Structure".

Walkway and Truss Grating width dimensions are nominal and may vary $\pm 1/2"$ based on available standard widths.

***Measured along Prop. ϕ NB I-90/94

05-A-9-SPECIAL 2-17-2017



USER NAME = alljssa	DESIGNED - IL, EBK	REVISED -
PLOT SCALE = N.T.S	CHECKED - JJS, MAI	REVISED -
PLOT DATE = 1/23/2020	DRAWN - EBK, AMS	REVISED -
	CHECKED - JJS, MAI	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES (SPECIAL)
 ALUMINUM WALKWAY DETAILS I

SHEET NO. SS08 OF SS83 SHEETS

F.A.I. RTE. 90/94/290	SECTION 2015-018R	COUNTY COOK	TOTAL SHEETS 1360	SHEET NO. 687
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				



BORING LOG SB-06

wangeng@wangeng.com
1145 N Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

WEI Job No.: 1100-04-01

Client: **AECOM**
Project: **Jane Byrne Interchange**
Location: **Section 17, T39N, R14E of 3rd PM**

Datum: NAVD 88
Elevation: 574.69 ft
North: 1901732.89 ft
East: 1171316.27 ft
Station: 51+64.46
Offset: 32.59 LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
572.9	6-inch thick, ASPHALT over 15-inch thick, CONCRETE --PAVEMENT--														
571.3	Loose, brown, wet SANDY GRAVEL --BASE COURSE-- --RDR 2 to 4--	1	X	1	9 5 4	NP	10				X	9 1 2	0.25 B	26	
	Soft to medium stiff, gray CLAY to SILTY CLAY, trace gravel; damp to wet --RDR 2--	2	X	2	2 2 2	0.66 B	23				X	10 1 2	0.33 B	25	
		3	X	3	2 1 2	NR	18				X	11 2 2	0.41 B	23	
		4	X	4	1 1 2	0.49 B	23	546.7	Stiff, gray SILTY CLAY, trace gravel; damp --RDR 2--	30	X	12 3 3 6	1.48 B	19	
		5	X	5	1 1 2	0.41 B	24				X	13 3 4 5	1.23 B	22	
		6	X	6	0 1 1	0.25 B	26				X	14 2 5 5	1.56 B	19	
		7	X	7	0 1 1	0.33 B	28								
		8	X	8	1 1 1	0.25 B	22	534.7		40					

Boring terminated at 40.00 ft

GENERAL NOTES

Begin Drilling: 08-15-2019 Complete Drilling: 08-15-2019
 Drilling Contractor: Wang Testing Services Drill Rig: _____
 Driller: N&A Logger: M. Sadowski Checked by: C. Marin
 Drilling Method: 2.25" HSA to 10', mud rotary thereafter, boring backfilled upon completion

WATER LEVEL DATA

While Drilling: groundwater not observed
 At Completion of Drilling: mud in the borehole
 Time After Drilling: NA
 Depth to Water: NA

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.



BORING LOG Z051-RWB-04

wangeng@wangeng.com
1145 N Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

WEI Job No.: 1100-04-01

Client: **AECOM**
Project: **Jane Byrne Interchange**
Location: **Section 17, T39N, R14E of 3rd PM**

Datum: NAVD 88
Elevation: 589.15 ft
North: 1901046.55 ft
East: 1171625.03 ft
Station: 6167+42.68
Offset: 114.70 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
587.8	4-inch thick, ASPHALT over 12-inch thick, CONCRETE --PAVEMENT--														
	Medium dense to very dense, brown to gray CRUSHED STONE and concrete; dry --FILL--	1	X	1	9 10 8	NP	3				X	9 1 2	0.25 B	27	
		2	X	2	5 9 9	NP	18				X	10 1 2	0.33 B	25	
		3	X	3	2 1 2	0.25 P	26				X	11 1 1	0.33 B	27	
		4	X	4	1 1 1	0.33 B	27				X	12 1 1	0.25 P	27	
		5	X	5		0.25 P	27				X	13 1 1	0.25 P	27	
		6	X	6		0.25 P	26				X	14 1 1	0.25 P	26	
		7	X	7		0.25 P	26				X	15 1 1	0.25 P	26	
		8	X	8		0.25 P	26				X	16 1 1	0.25 P	26	

GENERAL NOTES

Begin Drilling: 06-30-2019 Complete Drilling: 06-30-2019
 Drilling Contractor: Wang Testing Services Drill Rig: _____
 Driller: M&A Logger: M. Sadowski/F. Bozga Checked by: C. Marin
 Drilling Method: 2.25" HSA to 10', mud rotary thereafter, boring backfilled upon completion

WATER LEVEL DATA

While Drilling: groundwater not observed
 At Completion of Drilling: mud in the borehole
 Time After Drilling: NA
 Depth to Water: NA

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

FILE NAME: D:\V\AECOM-NA-AW51... Wang Engineering logo



USER NAME = ali.jssa	DESIGNED - IL, EBK	REVISED -
PLOT SCALE = N.T.S	CHECKED - JJS, MAI	REVISED -
PLOT DATE = 1/23/2020	DRAWN - EBK, AMS	REVISED -
	CHECKED - JJS, MAI	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORINGS I

SHEET NO. SS10 OF SS83 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	689
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				



BORING LOG Z051-RWB-04

wangeng@wangeng.com
1145 N Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

WEI Job No.: 1100-04-01

Client: **AECOM**
Project: **Jane Byrne Interchange**
Location: **Section 17, T39N, R14E of 3rd PM**

Datum: NAVD 88
Elevation: 589.15 ft
North: 1901046.55 ft
East: 1171625.03 ft
Station: 6167+42.68
Offset: 114.70 RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
		-- $S_{u\text{ undist}} = 840.3$ psf-- -- $S_{u\text{ remold}} = 387.8$ psf-- --Sensitivity = 2.1--			17	VS P U S H	0.50	24									
		--In-Situ Vane Shear, 44.5 feet-- -- $S_{u\text{ undist}} = 904.9$ psf-- -- $S_{u\text{ remold}} = 409.4$ psf-- --Sensitivity = 2.2--	45		18	VS				524.2	Boring terminated at 65.00 ft	65		22	5 7 11	3.28	20
			50		19	2 2 3	0.41	23				70					
	537.4	Stiff to very stiff, gray SILTY CLAY, trace gravel; damp --RDR 2--	55		20	11 6 8	1.31	17				75					
			60		21	4 5 7	1.23	17				80					

GENERAL NOTES

Begin Drilling **06-30-2019** Complete Drilling **06-30-2019**
 Drilling Contractor **Wang Testing Services** Drill Rig
 Driller **M&A** Logged by **M. Sadowski/F. Bozga** Checked by **C. Marin**
 Drilling Method **.225" HSA to 10', mud rotary thereafter, boring**
backfilled upon completion

WATER LEVEL DATA

While Drilling **groundwater not observed**
 At Completion of Drilling **▼ mud in the borehole**
 Time After Drilling **NA**
 Depth to Water **▼ NA**
 The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

FILE NAME: D:\V\AECOM-NA-AW51...recomonline\local\AECOM_DS02_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase_I\I000_CAD\008_Structural\Sign_Structures\62A77-SS-SB0613-SignStruct.dgn



USER NAME = ali.jssa	DESIGNED - IL, EBK	REVISED -
PLOT SCALE = N.T.S	CHECKED - JJS, MAI	REVISED -
PLOT DATE = 1/23/2020	DRAWN - EBK, AMS	REVISED -
	CHECKED - JJS, MAI	REVISED -

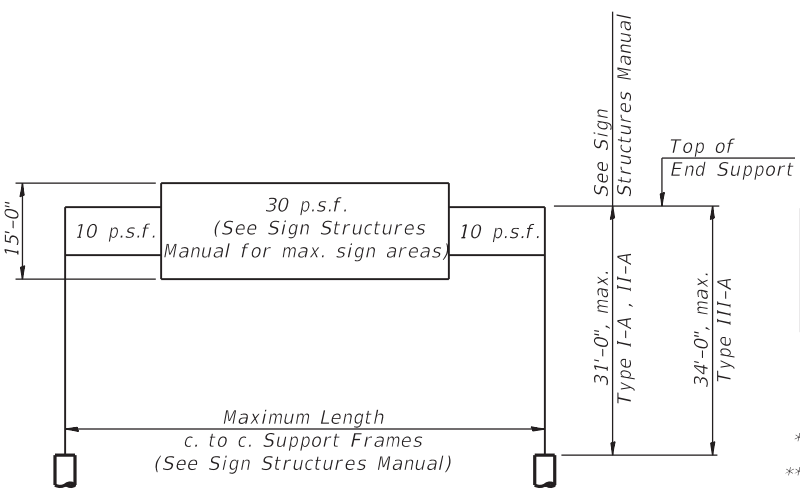
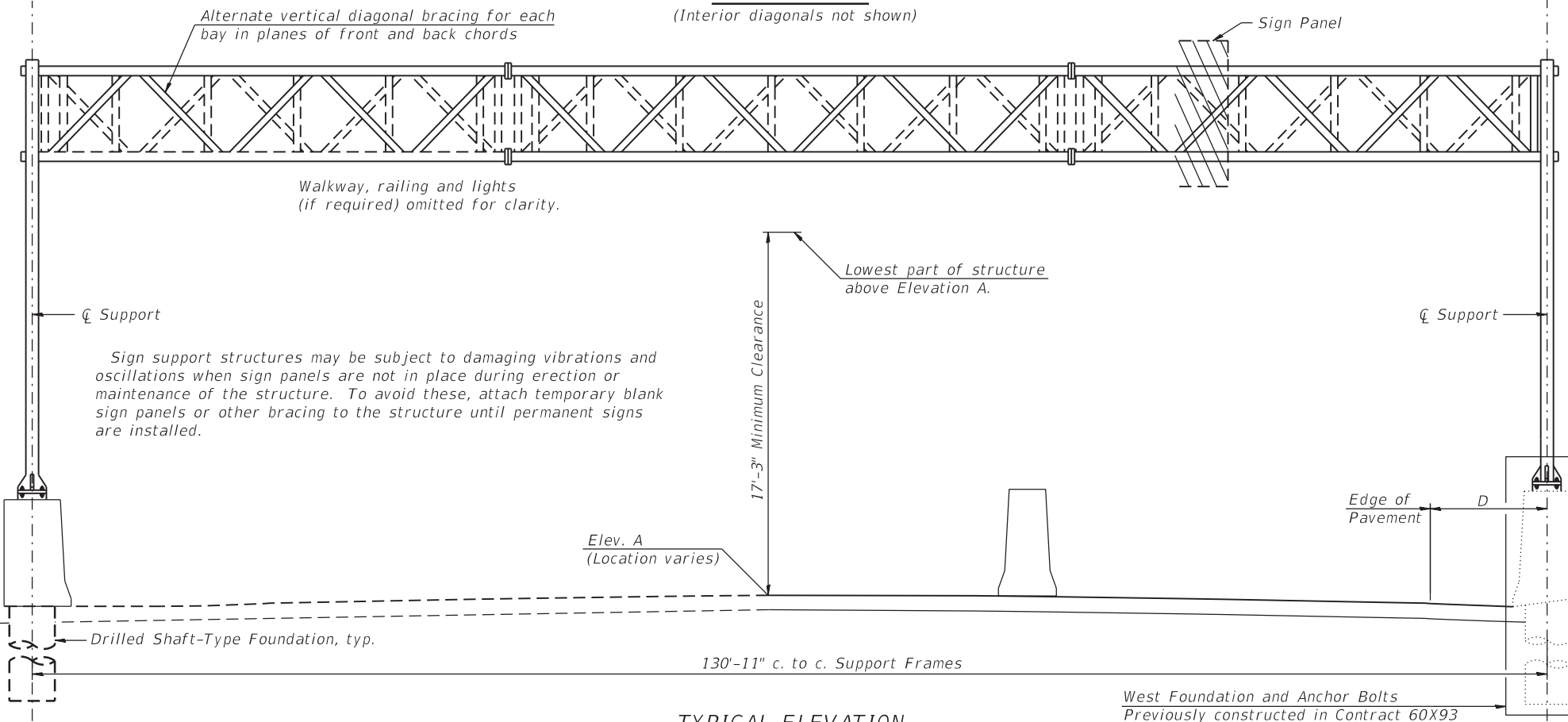
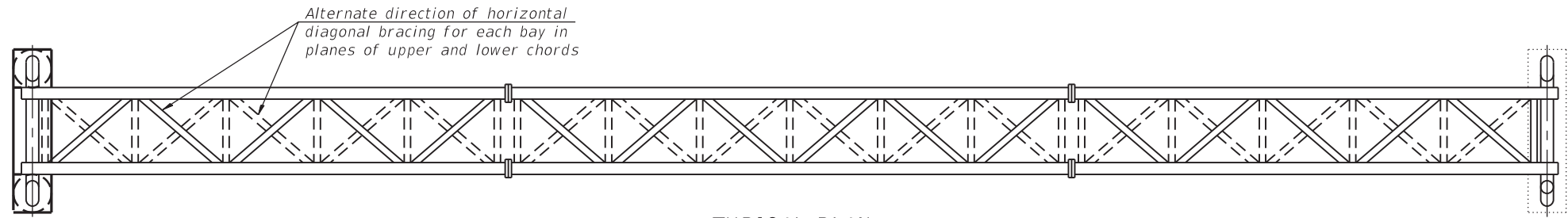
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORINGS II

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	690
CONTRACT NO. 62A77				

SHEET NO. SS11 OF SS83 SHEETS

ILLINOIS FED. AID PROJECT



WALKWAY: Walkway grating, walkway brackets, handrails, lighting and associated components shown in these plans on the traffic side of the sign structure/sign panel will not be installed with Contract 62A77. The truss grating and maintenance walkway behind the sign panel will be included with Overhead Sign Structure Span Type III-A.

Structure Number	*** Station	Design Truss Type	c. to c. Supports	Elev. A	Dim. D	Height of Tallest Sign	Total Sign Area
150161094R051.9	6234+71.68	III-A	130'-11"	585.14	4'-5"	14'-6"	725.5 Sq. Ft.

* If M270 Gr. 50W (M222) steel is proposed, chemistry for plate to be used shall first be approved by the Engineer as suitable for galvanizing and welding.
 ** Looking upstation for structures with signs both sides.
 *** Measured along Prop. SB I-90/94



SIGNED Moussa A. Issa
 DR. MOUSSA A. ISSA, S.E., IL. LIC. NO. 081-005738
 EXPIRES 11-30-2020
 DATE 03/04/2020 FOR SHEETS SS12 THRUSS23
 (TOTAL OF 12 SHEETS)

GENERAL NOTES

DESIGN: AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals. ("AASHTO Specifications")

CONSTRUCTION: Current (at time of letting) Illinois Department of Transportation Standard Specifications for Road and Bridge Construction, Supplemental Specifications and Special Provisions. ("Standard Specifications")

LOADING: 90 M.P.H. WIND VELOCITY

WALKWAY LOADING: Dead load plus 500 lbs. concentrated live load.

DESIGN STRESSES:
 Field Units
 f'c = 3,500 p.s.i.
 fy = 60,000 p.s.i. (reinforcement)

WELDING: All welds to be continuous unless otherwise shown. All welding to be done in accordance with current AWS D1.1 and D1.2 Structural Welding Codes (Steel and Aluminum) and the Standard Specifications.

MATERIALS: Aluminum Alloys as shown throughout plans. All Structural Steel Pipe shall be ASTM A53 Grade B or A500 Grade B or C. If A500 pipe is substituted for A53, then the outside diameter shall be as detailed and wall thickness greater than or equal to A53. All Structural Steel Plates and Shapes shall conform to AASHTO M270 Gr. 36, Gr. 50 or Gr. 50W*. Stainless steel for shims, sleeves and handhole covers shall be ASTM A240, Type 302 or 304, or another alloy suitable for exterior exposure and acceptable to the Engineer.
 The steel pipe and stiffening ribs at the base plate for the column shall have a minimum longitudinal Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F. (Zone 2) before galvanizing.

FASTENERS FOR ALUMINUM TRUSSES: All bolts noted as "high strength" must satisfy the requirements of AASHTO M164 (ASTM A325), or approved alternate, and must have matching lock nuts. Threaded studs for splices (if Members interfere) must satisfy the requirements of ASTM A449, ASTM A193, Grade B7, or approved alternate, and must have matching lock nuts. Bolts and lock nuts not required to be high strength must satisfy the requirements of ASTM A307. All bolts and lock nuts must be hot dip galvanized per AASHTO M232. The lock nuts must have nylon or steel inserts. A stainless steel flat washer conforming to ASTM A240 Type 302 or 304, is required under both head and nut or under both nuts where threaded studs are used. High strength bolt installation shall conform to Article 505.04 (f) (2)d of the IDOT Standard Specifications for Road and Bridge Construction. Rotational capacity ("ROCAP") testing of bolts will not be required.

U-BOLTS AND EYEBOLTS: U-Bolts and Eyebolts must be produced from ASTM A276 Type 304, 304L, 316 or 316L, Condition A, cold finished stainless steel, or an equivalent material acceptable to the Engineer. All nuts for U-Bolts and Eyebolts must be lock nuts equivalent to ASTM A307 with nylon or steel inserts and hot dip galvanized per AASHTO M232. A stainless steel flat washer conforming to ASTM A240, Type 302 or 304, is required under each U-Bolt and Eyebolt lock nut.

GALVANIZING: All Steel Grating, Plates, Shapes and Pipe shall be Hot Dip Galvanized after fabrication in accordance with AASHTO M111. Painting is not permitted.

ANCHOR RODS: Shall conform to ASTM F1554 Gr. 105.

CONCRETE SURFACES: All concrete surfaces above an elevation 6" below the lowest final ground line at each foundation shall be cleaned and coated with Concrete Sealer in accordance with the Standard Specifications.

REINFORCEMENT BARS: Reinforcement Bars designated (E) shall be epoxy coated in accordance with the Standard Specifications.

FOUNDATIONS: The contract unit price for Concrete Foundations and Drilled Shaft Concrete Foundations shall include reinforcement bars complete in place.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
OVERHEAD SIGN STRUCTURE SPAN TYPE III-A	Foot	131
DRILLED SHAFT CONCRETE FOUNDATIONS	Cu. Yds.	32.2



USER NAME = jana.jssa	DESIGNED - JJS, MAA	REVISED -
PLOT SCALE = N.T.S	CHECKED - MAI, JMG	REVISED -
PLOT DATE = 03/04/2020	DRAWN - FL	REVISED -
	CHECKED - MAI, JMG	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES - GENERAL PLAN &
 ELEVATION - ALUMINUM TRUSS & STEEL SUPPORTS

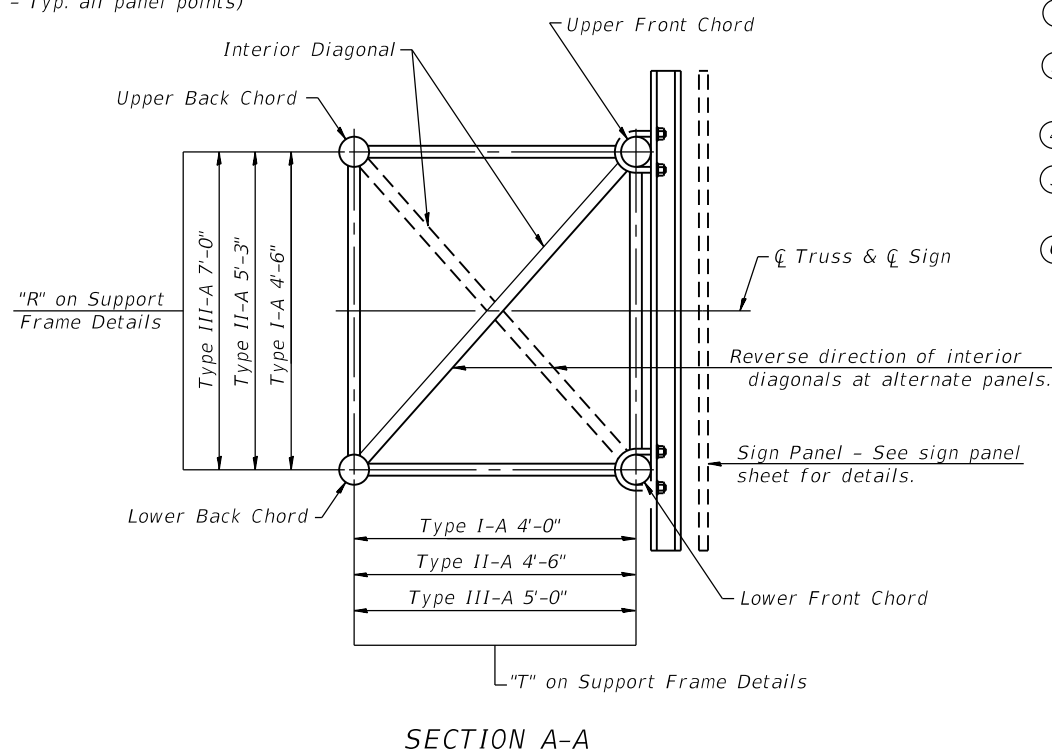
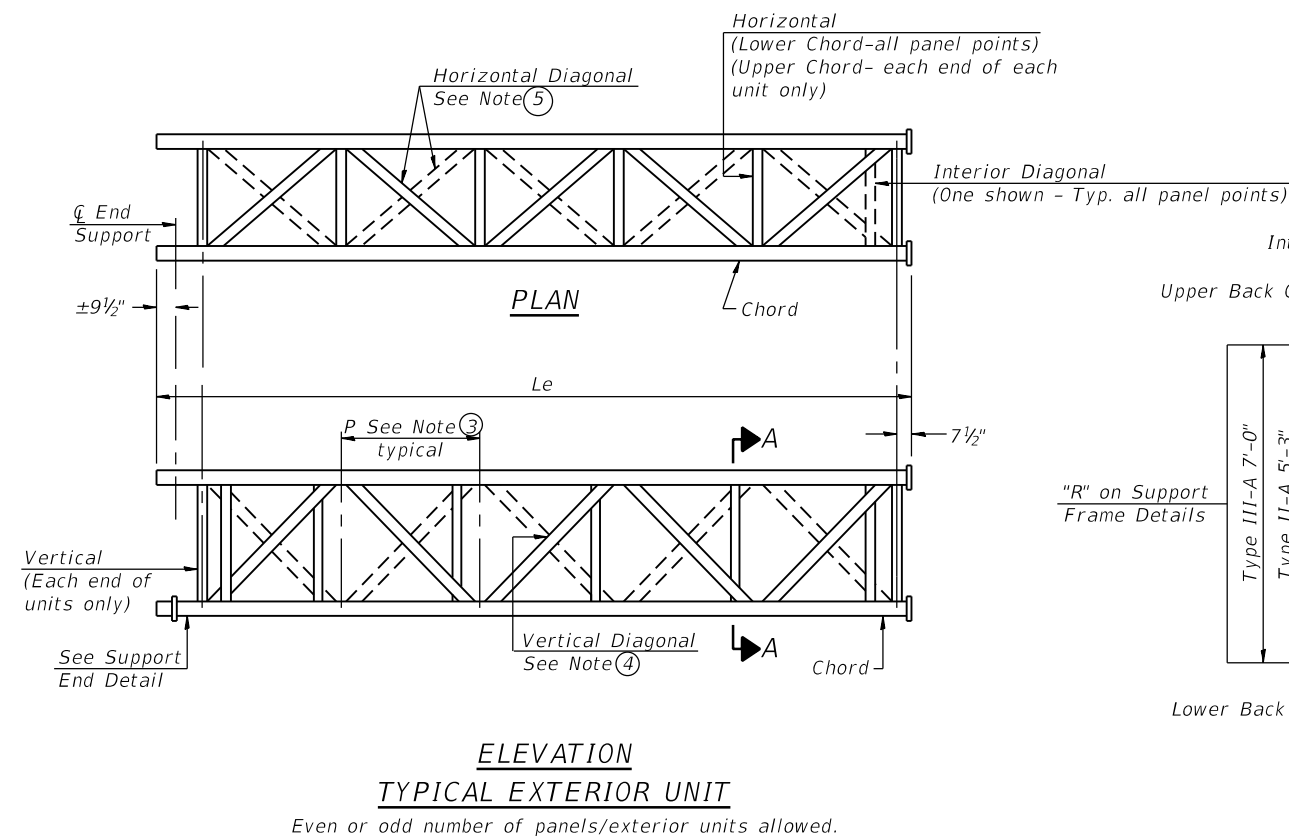
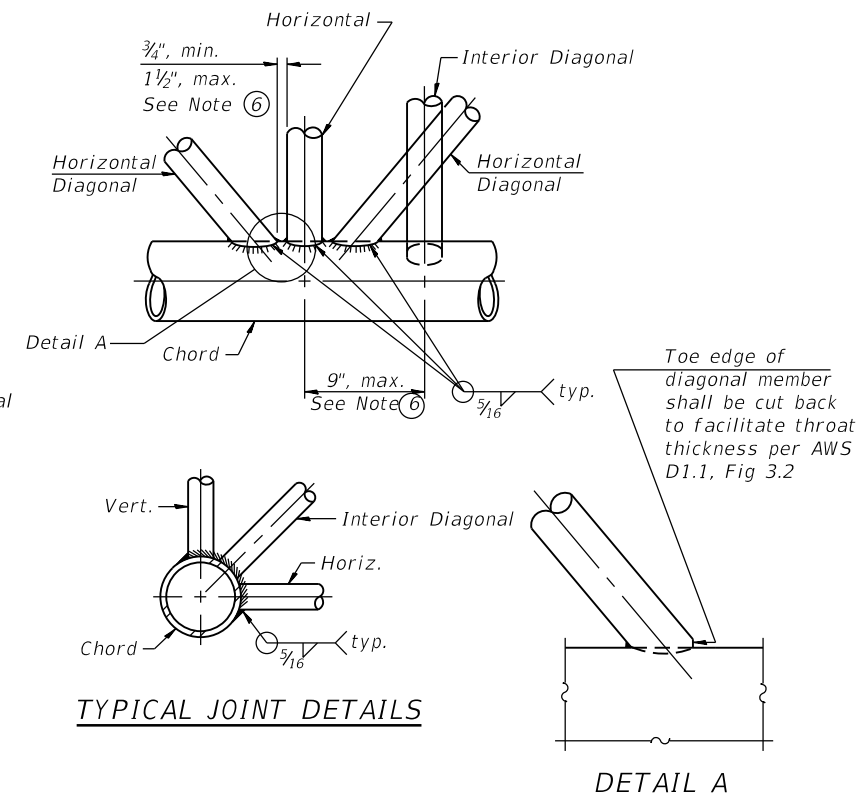
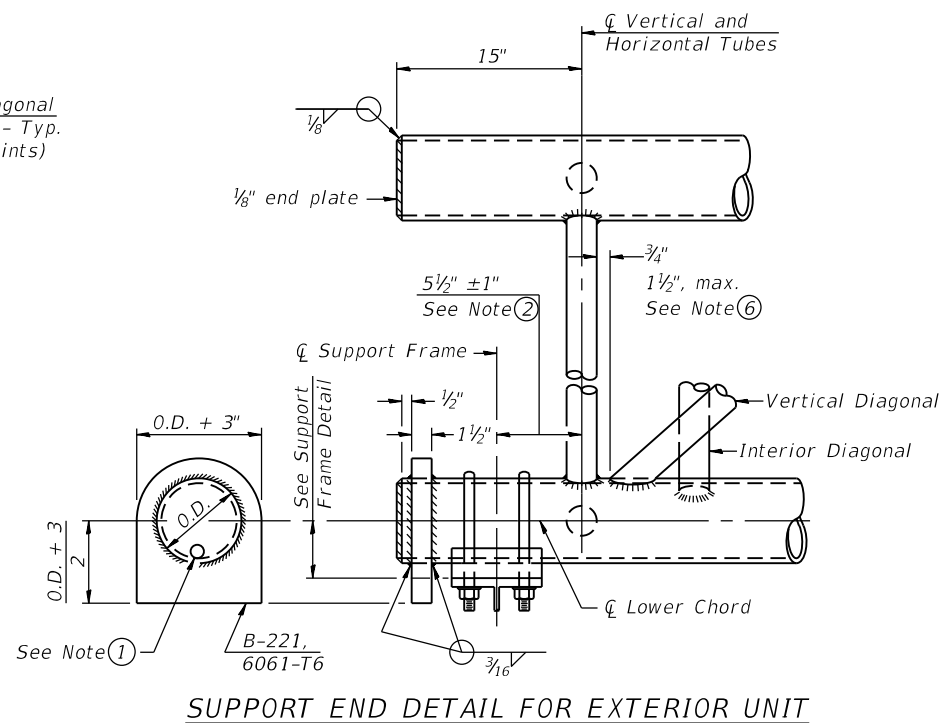
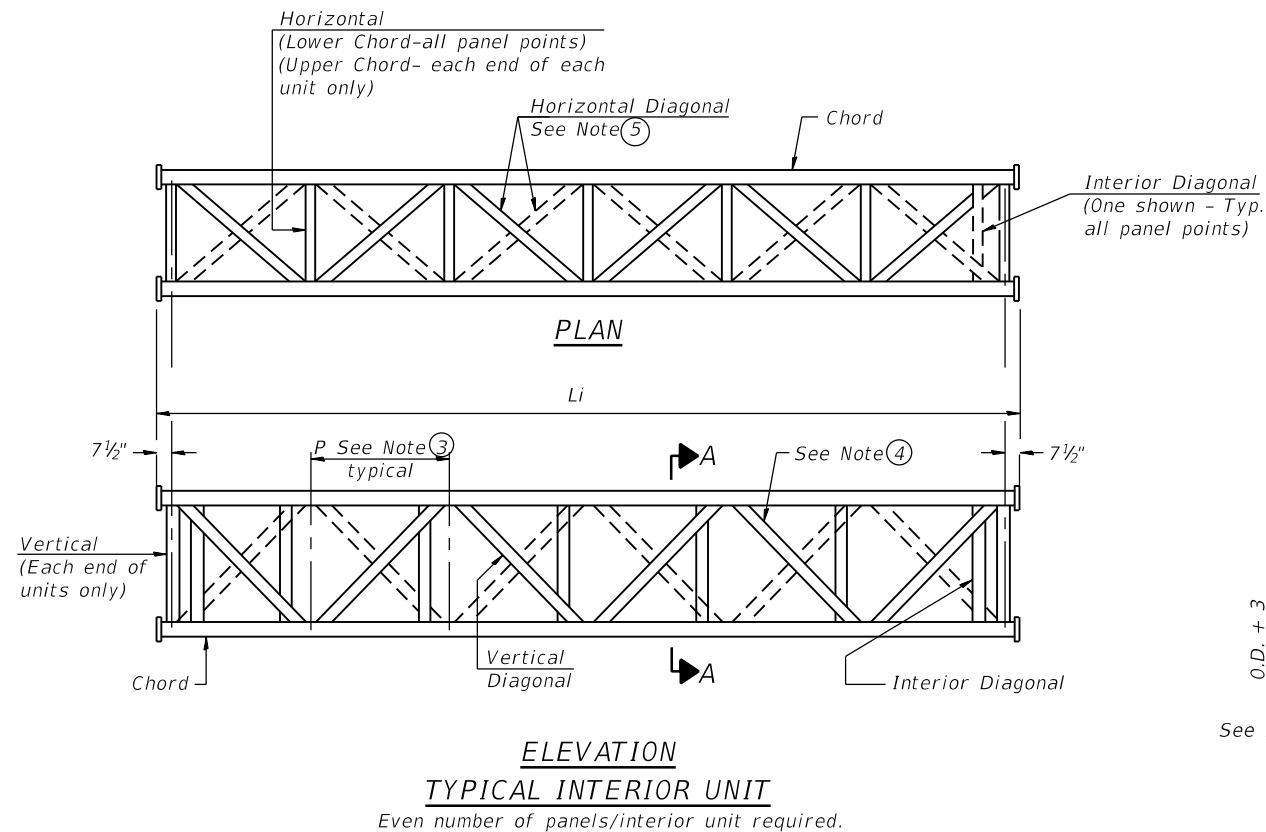
F.A.I. RTE. 90/94/290	SECTION 2015-018R	COUNTY COOK	TOTAL SHEETS 1360	SHEET NO. 691
CONTRACT NO. 62A77				

SHEET NO. SS12 OF SS83 SHEETS

ILLINOIS FED. AID PROJECT

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- ① Contractor may alternatively use standard aluminum drive-fit cap to close end. 1/2" Ø drain hole in end plate/drive-fit cap. (Typ. at ends of all chords)
- ② 5 1/2" end dimension may vary by ± 1" to provide uniform panel spacing (P).
- ③ Panel spacing (P) shall be uniform for entire truss and between 4'-0" and 5'-0" for Type I-A or 4'-0" and 5'-6" for Types II-A and III-A.
- ④ Vertical Diagonals in front and back face shall alternate.
- ⑤ Hidden lines show wind bracing alternates direction between planes of top and bottom chords.
- ⑥ All diagonals shall be detailed for minimum offset from the panel point based on the following: Offset shall be such as to provide a 3/4" minimum to 1 1/2" maximum clearance between any diagonal and any horizontal or vertical member, and to provide clearance for U-bolt connections of signs or walkway brackets.

05-A-2

2-17-2017



USER NAME =	all.jssa	DESIGNED -	JJS, MAA	REVISED -	
		CHECKED -	MAI, JMG	REVISED -	
PLOT SCALE =	N.T.S	DRAWN -	FL	REVISED -	
PLOT DATE =	1/23/2020	CHECKED -	MAI, JMG	REVISED -	

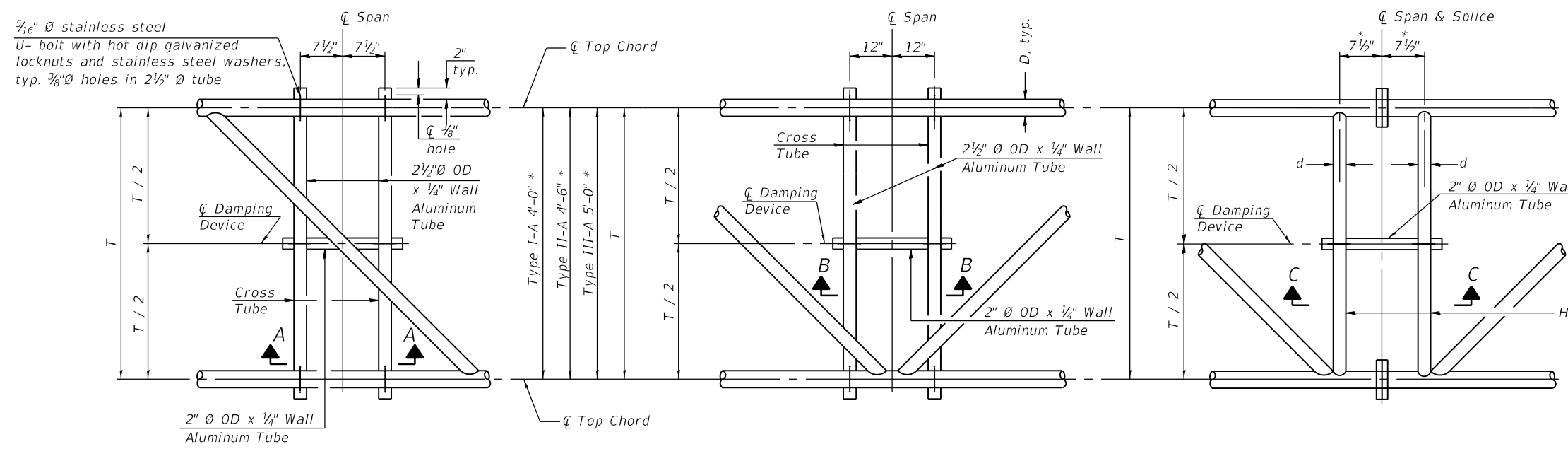
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES - ALUMINUM TRUSS
DETAILS FOR TRUSS TYPES I-A, II-A AND III-A

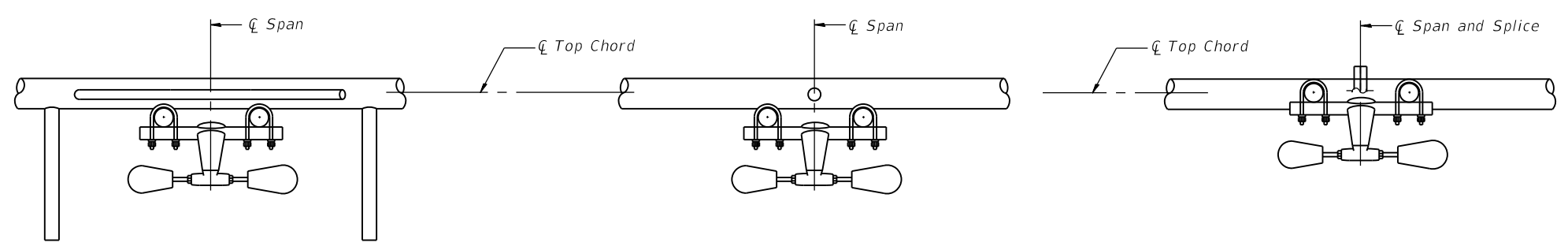
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90/94/290	2015-018R	COOK	1360	692
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				

SHEET NO. SS13 OF SS83 SHEETS

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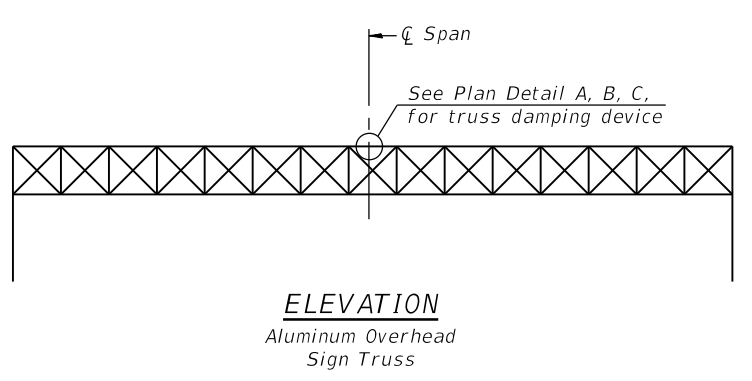
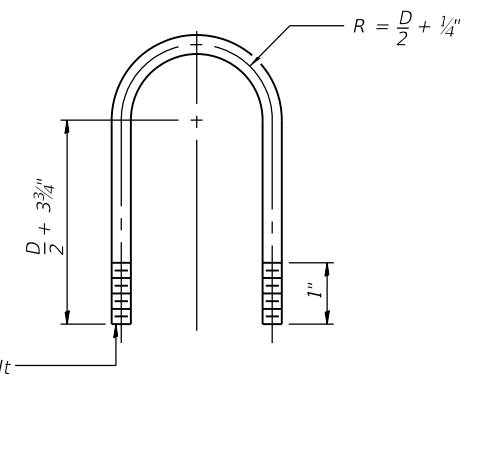
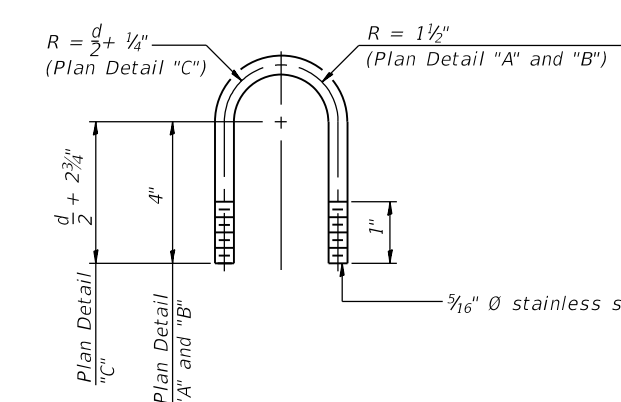
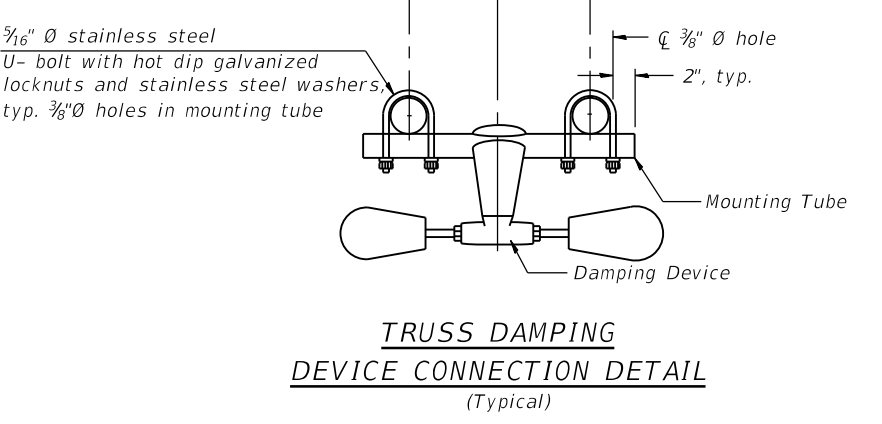
* Center of horizontal to center of splice dimension may vary. Verify before drilling holes in mounting tube.



NOTES

Damper: One damper per truss. (31 lbs. minimum Stockbridge-Type Aluminum - 29" minimum between ends of weights) Cost included in Overhead Sign Structure...

Materials: Materials: Aluminum tubes shall be ASTM B221 alloy 6061 temper T6. Cost included in Overhead Sign Structure...



05-A-D

2-17-2017



USER NAME =	all.jssa	DESIGNED -	JJS, MAA	REVISED -	
		CHECKED -	MAI, JMG	REVISED -	
PLOT SCALE =	N.T.S	DRAWN -	FL	REVISED -	
PLOT DATE =	1/23/2020	CHECKED -	MAI, JMG	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

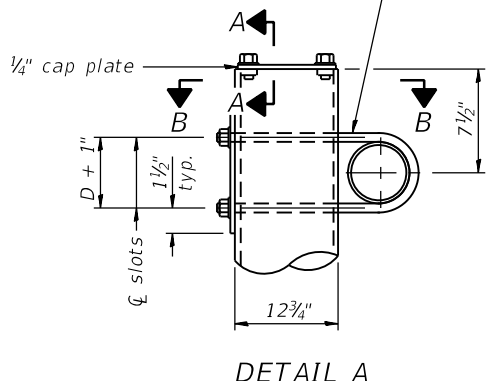
OVERHEAD SIGN STRUCTURE
DAMPING DEVICE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	694
CONTRACT NO. 62A77				
ILLINOIS		FED. AID PROJECT		

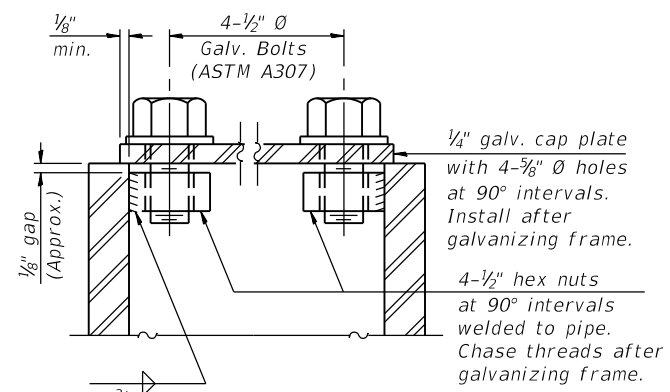
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3/4" Ø stainless steel U-bolt.
Provide two washers and two hexagon locknuts. (4)
1 3/16" x 2" slots on 1 1/2" Ø pipe.
(4 slots required per pipe)

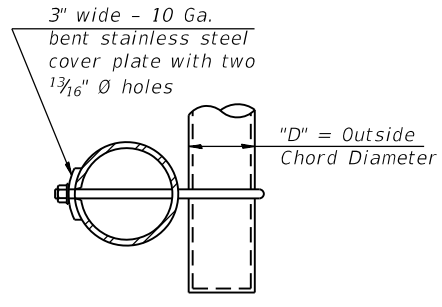


DETAIL A

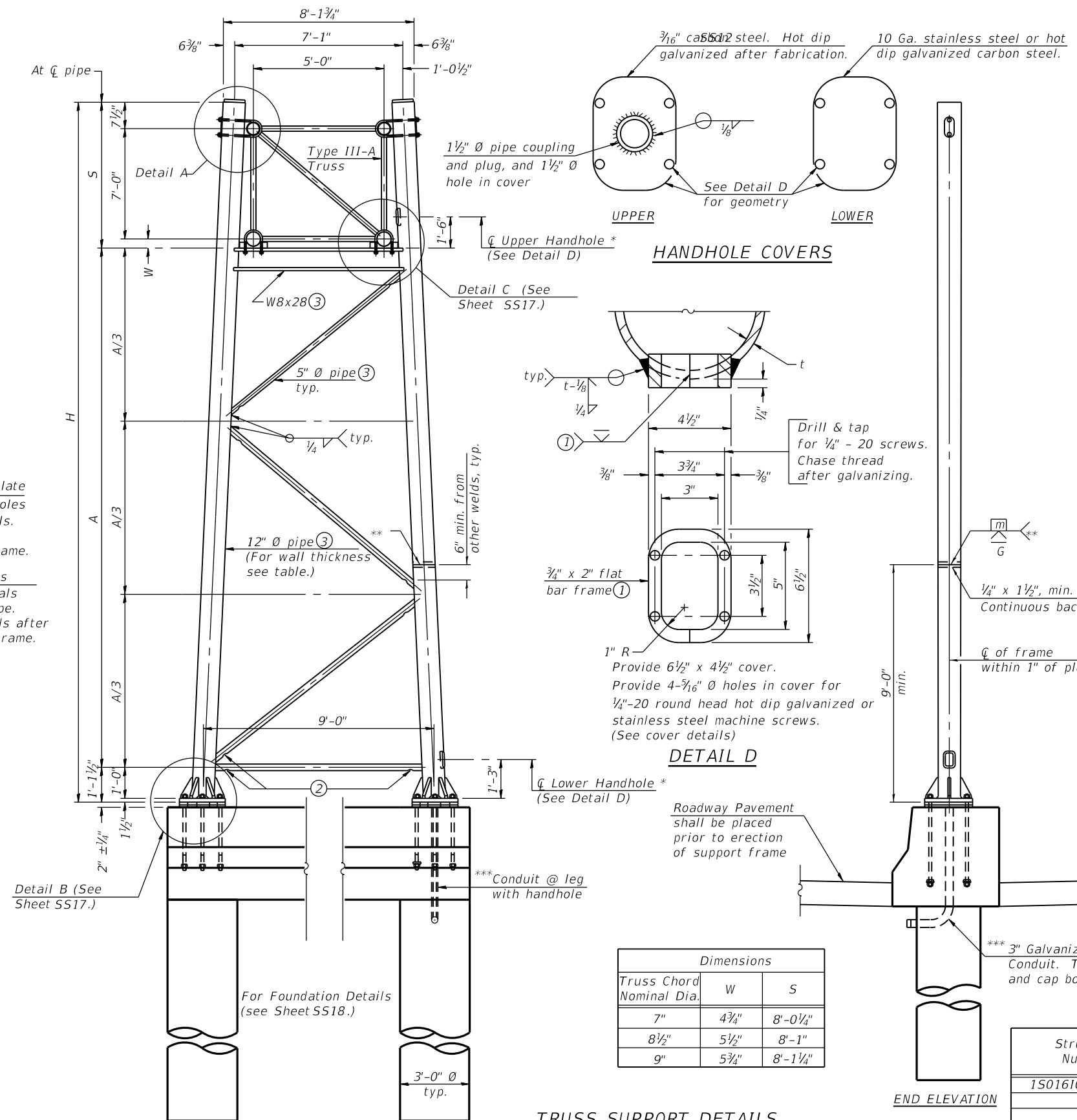


SECTION A-A

As an alternate to bolts, may use galvanized drive-fit caps installed after galvanizing frame.



SECTION B-B



Dimensions		
Truss Chord Nominal Dia.	W	S
7"	4 3/4"	8'-0 1/4"
8 1/2"	5 1/2"	8'-1"
9"	5 3/4"	8'-1 1/4"

TRUSS SUPPORT DETAILS

(12" Ø Pipe-Type III-A Truss)
**One butt-welded joint is allowed only on one post per support frame. If used, weld procedure must be pre-approved by Engineer and joint shall receive 100% RT or UT (tension criteria) at Contractor's expense.

Support Design Loads: For design and loading criteria, see Sheet SS12
Load combinations checked include dead load plus:
a) 100% wind normal to sign, 20% parallel to sign
b) 60% wind normal to sign, 30% parallel to sign

- ① In lieu of fabricated handhole frame as shown, may cut from 2" plate (rolling direction vertical). All cut faces to be ground to ANSI Roughness of 500 µin or less.
- ② Galvanizing vent holes of adequate size shall be provided on underside at each end of bracing pipes. Alternately, holes may be provided in wall of pipe column. All vent holes shall be drilled and de-burred, typ.
- ③ Steel pipe, plate, carbon steel handhole covers and rolled sections shall be hot dip galvanized after fabrication. Painting is not permitted. See Sheet SS12.
- ④ See General Notes for fasteners.
- ⑤ Dimensions shown are based on selection criteria in the Sign Structures Manual. Nonstandard applications must have dimensions verified or amended as appropriate.
- ⑥ "H" based on 15'-0" or actual sign height, whichever is greater.

*For dynamic message sign installations, provide upper and lower handholes in both legs of each support frame.

***Conduit, anchor bolts, and foundation at west end of sign structure constructed in Contract 60X93.

Structure Number	t _{Station}	Support		Pipe Wall Thickness	H ⑥	A
		Left	Right			
1S0161094R051.9	6234+71.68	X	X	0.375" (Std.)	29'-7 1/4"	20'-5 1/2"
				0.375" (Std.)	27'-2"	18'-0 1/4"

t_{Station} Measured along Prop. & SB I-90/94



USER NAME =	alljssa	DESIGNED -	JJS, MAA	REVISED -	
		CHECKED -	MAI, JMG	REVISED -	
PLOT SCALE =	N.T.S	DRAWN -	FL	REVISED -	
PLOT DATE =	1/23/2020	CHECKED -	MAI, JMG	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

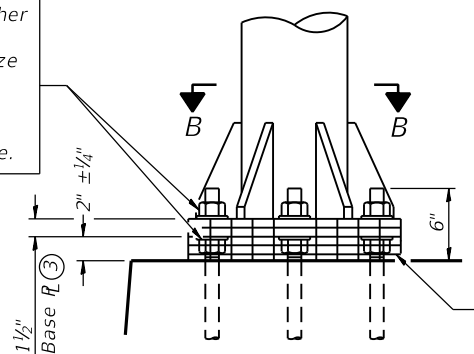
OVERHEAD SIGN STRUCTURES - SUPPORT FRAME
FOR TYPE III-A ALUMINUM TRUSS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	695
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				

SHEET NO. SS16 OF SS83 SHEETS

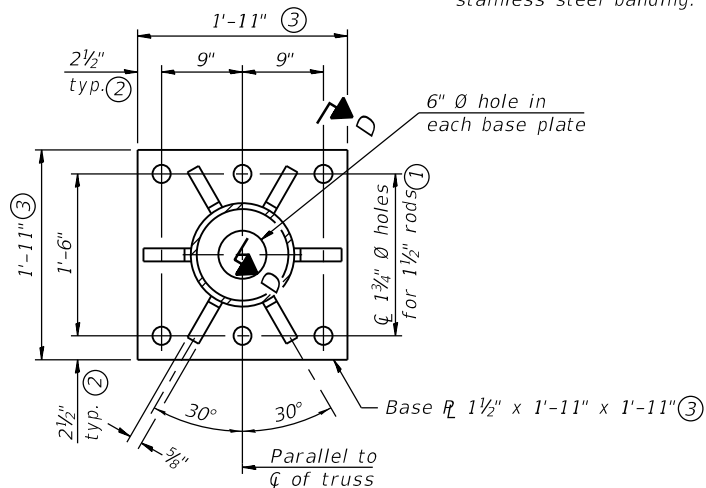
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Hexagon locknut and washer (top), leveling nut and washer (bottom). Galvanize per AASHTO M232. Nuts shall each be tightened against base plate with 200 lb.-ft. minimum torque.

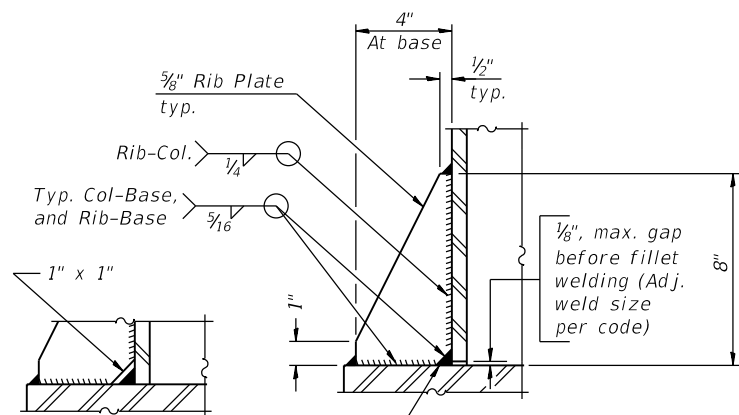


DETAIL B
Ribs shall be cut to fit slope of pipe.

Stainless Steel Standard Grade Wire Cloth, 3" wide, 1/4" maximum opening with a minimum wire diameter of AWG. No. 16 with a minimum 2" lap. Secure to base plate after erection with 3/4" stainless steel banding.



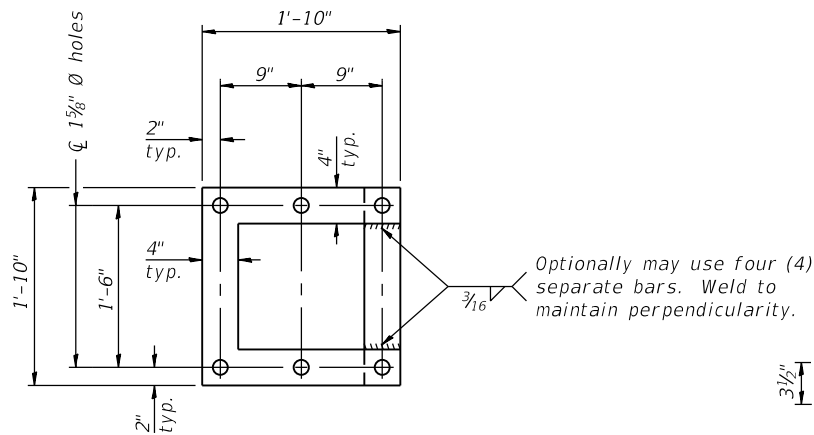
SECTION B-B



**Alternate detail if welding col. to base plate first, then snip inside corner of ribs. Terminate weld on rib 1/4" from snip.

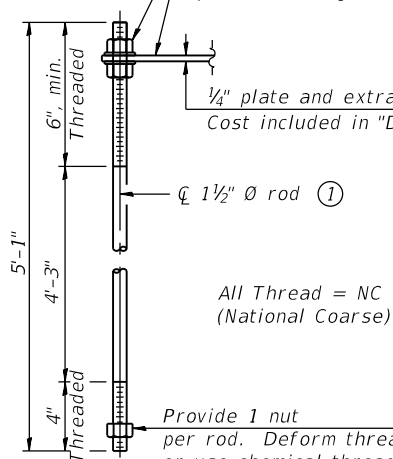
SECTION D-D

No snip req'd. at rib inside corner if placed before col. to base plate welding.**



***** POSITIONING PLATE(S)**

At each location, provide 1/4" thick positioning plate(s) and six (6) additional nuts to be used with leveling nuts to maintain anchor bolts position during concrete placement.



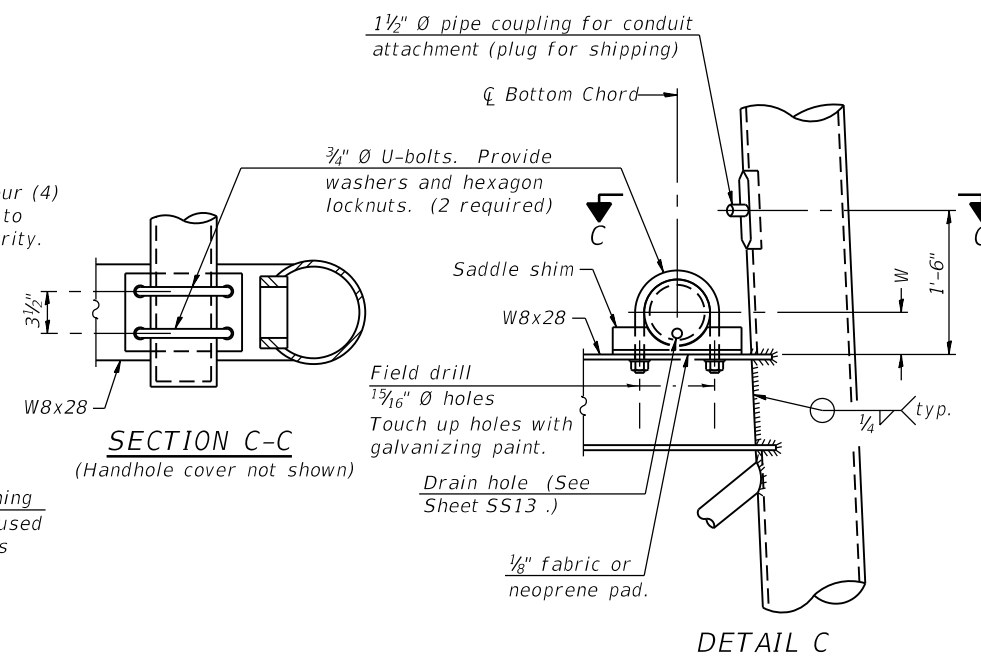
***** ANCHOR ROD DETAIL**

Anchor rods shall conform to ASTM F1554 Grade 105 Galvanize upper 12" minimum per AASHTO M232. No welding shall be permitted on rods.

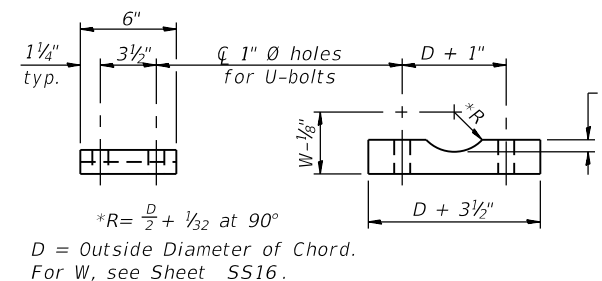
**TYPE III-A TRUSS
12" Ø PIPE SUPPORT FRAME DETAILS**

Notes:
For Type III-A Truss spans greater than 150 ft, and up to 160 ft.:

- ① 1 3/4" Ø rod, 2" Ø holes
- ② 2 3/4" edge distance
- ③ Base Pl 1 5/8" x 1'-11 1/2" x 1'-11 1/2"



SECTION C-C
(Handhole cover not shown)



Truss Chord Nominal Dia.	a
7"	1"
8 1/2"	1 1/4"
9"	1 3/8"

SADDLE SHIM DETAIL

ASTM B26 Alloy 356-F
or
ASTM B209 Alloy 6061-T651
(4 required per sign truss)

***Provide positioning plate and anchor rods for east (left) foundation only.

NOTES:

1. The west (right) foundation of the sign structure, including the embedded galvanized steel conduit and anchor bolts, was constructed in Contract 60X93. The Contractor shall provide all other elements necessary for construction of the sign structure (such as, but not limited to, baseplates, locknuts, washers, and wire cloth) at both east and west foundation locations unless otherwise noted.



USER NAME =	marian.agamy	DESIGNED -	JJS, MAA	REVISED -	
		CHECKED -	MAI, JMG	REVISED -	
PLOT SCALE =	N.T.S	DRAWN -	FL	REVISED -	
PLOT DATE =	1/23/2020	CHECKED -	MAI, JMG	REVISED -	

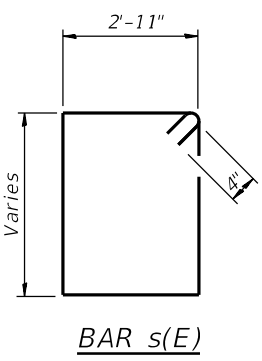
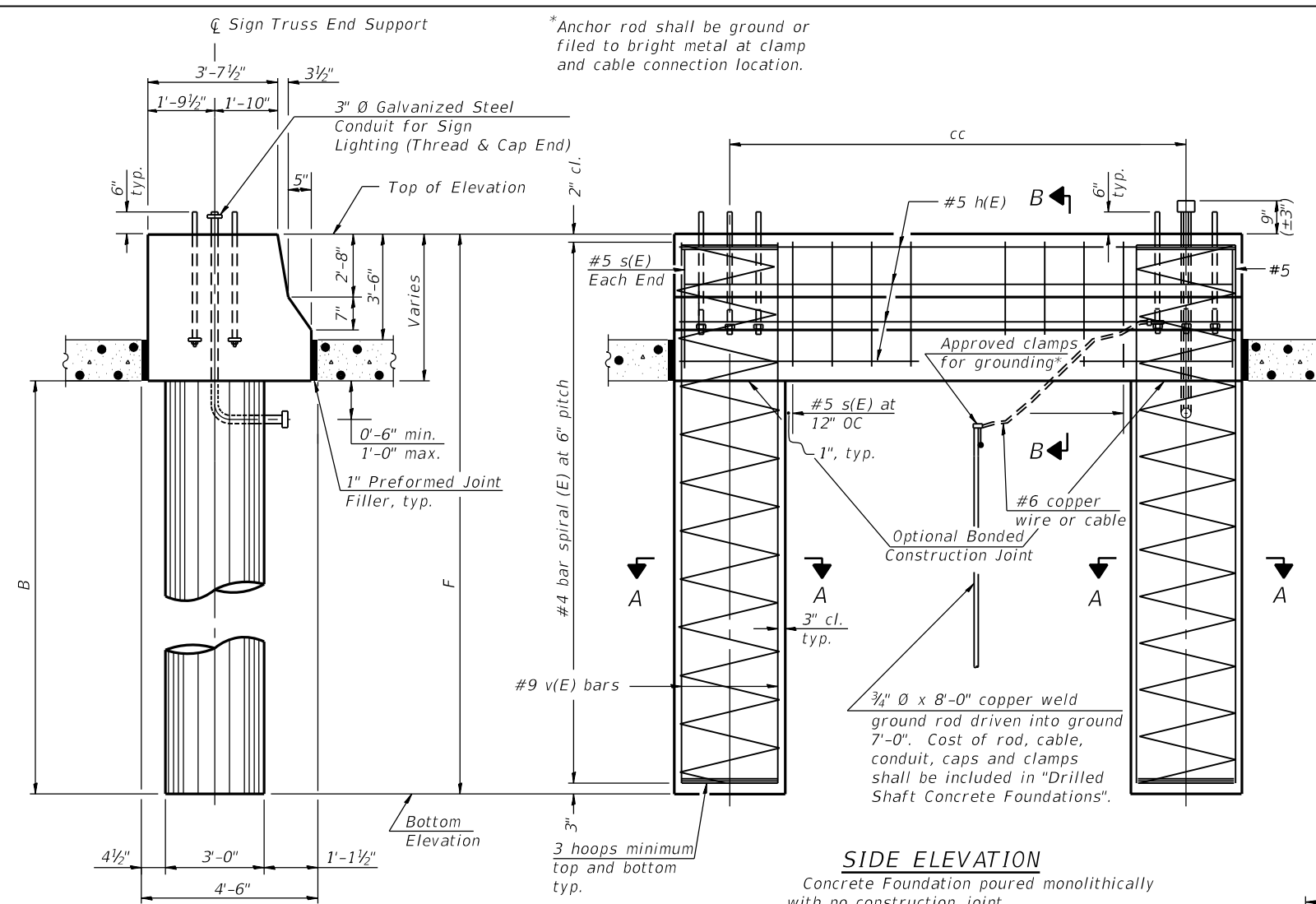
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
SUPPORT FRAME FOR TYPE III-A ALUMINUM TRUSS

SHEET NO. SS17 OF SS83 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	696
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				

FILE NAME: D:\V\AECOM-NA-AWS1\...; USER: jana.jssa; DATE: 03/04/2020



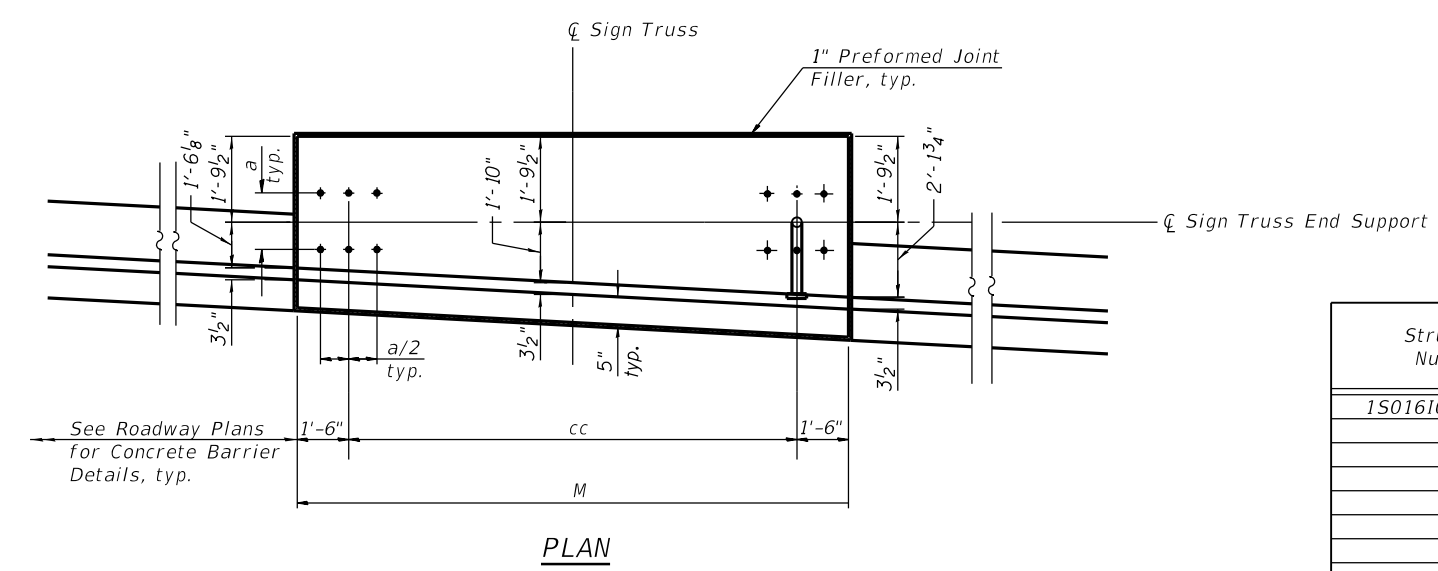
NOTES:
 The foundation dimensions shown are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength (Qu) of at least 1.25 tsf, which must be determined by previous soil investigations at the jobsite. When other conditions are indicated, the boring data will be included in the plans and the foundation dimensions shown will be the result of site specific designs.
 If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.
 No sonotubes or decomposable forms shall be used below the lower conduit entrance. Permanent metal forms or other shielding may not be left in place below that elevation without the Engineer's written permission.
 Concrete shall be placed monolithically, without construction joints.
 Backfill shall be placed per Article 502 of Standard Specification and prior to erection of support column.
 A normal surface finish followed by a Concrete Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in Drilled Shaft Concrete Foundation.

BAR LIST

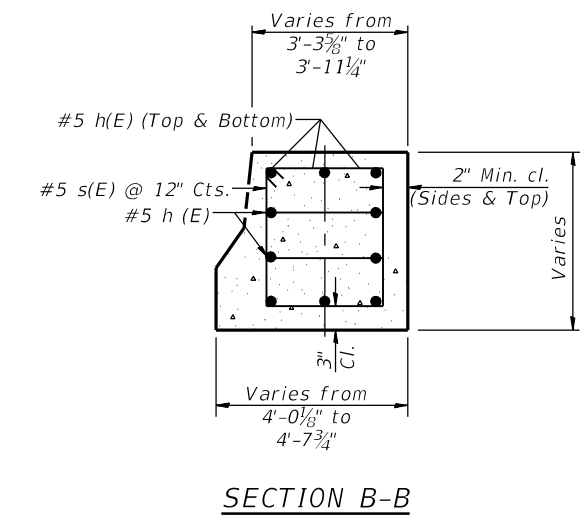
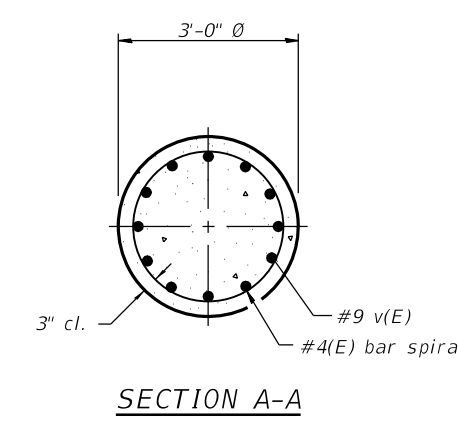
Bar	Number	Size	Length	Shape
h(E)	10	#5	M less 4"	—
s(E)	12	#5	Varies	□
v(E)	24	#9	F less 0'-5"	—
#4(E) bar spiral see Side Elevation				

Pipe Support Frames	cc	M	a	a/2
12"Ø	9'-0"	12'-0"	1'-6"	9"

END VIEW
(Along \bar{C} Sign Truss End Support)



SIDE ELEVATION
Concrete Foundation poured monolithically with no construction joint.



Structure Number	*** Station	Left Foundation				**Right Foundation				Class DS Concrete (Cu. Yds.)
		Elevation Top	Elevation Bottom	B	F	Elevation Top	Elevation Bottom	B	F	
1S0161094R051.9	6234+71.68	585.50	540.47	45'-0"	45'-3"	587.95	538.00	45'-5 1/2"	49'-11 1/2"	32.2

**For Information Only (Constructed in Contract 60X93)
 ***Measured Along Prop. \bar{B} SB 1-90/94



USER NAME = jana.jssa	DESIGNED - JJS, MAA	REVISED -
PLOT SCALE = N.T.S	CHECKED - MAI, JMG	REVISED -
PLOT DATE = 03/04/2020	DRAWN - FL	REVISED -
	CHECKED - MAI, JMG	REVISED -

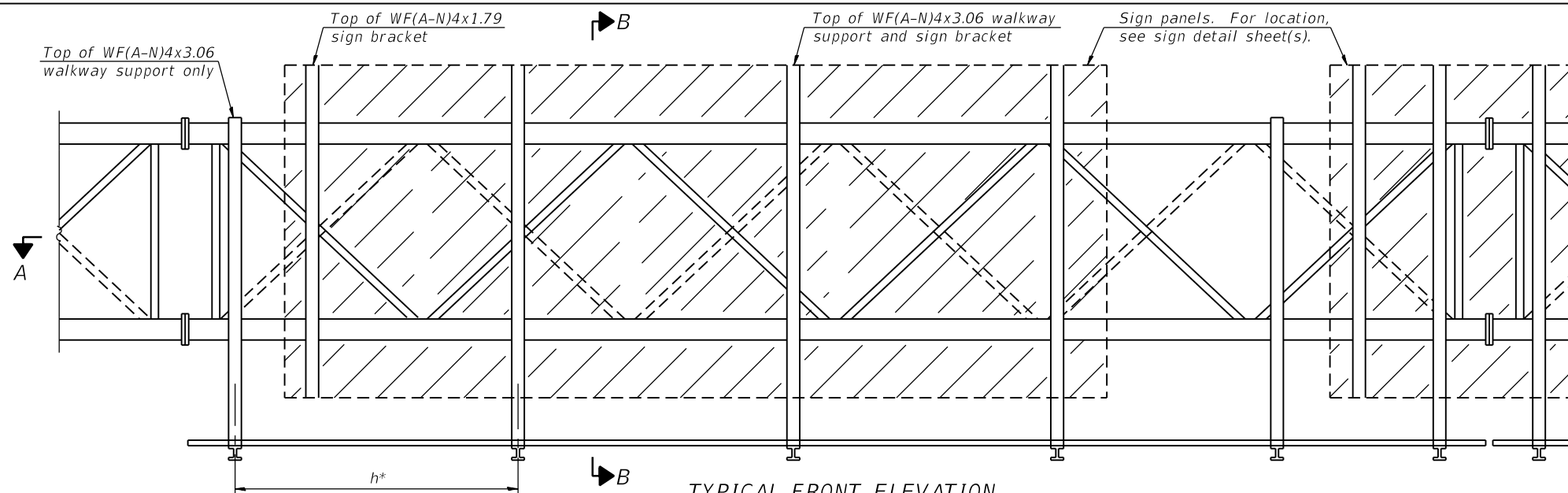
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
MEDIAN SUPPORT FOUNDATION DETAILS

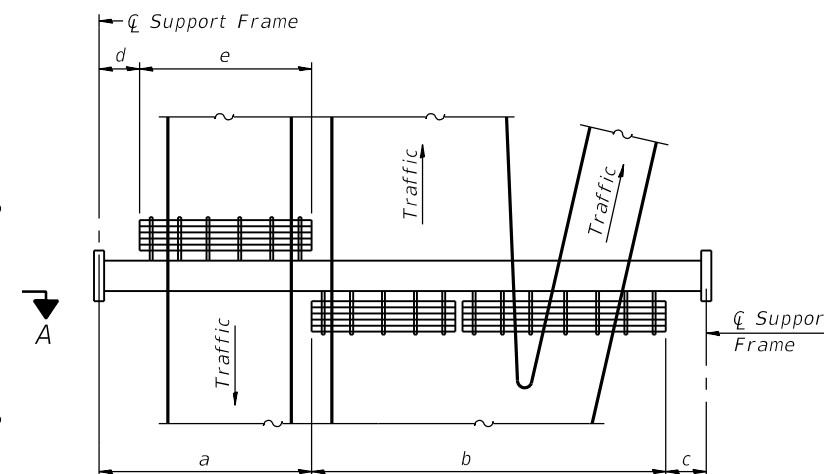
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CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				

SHEET NO. SS18 OF SS83 SHEETS

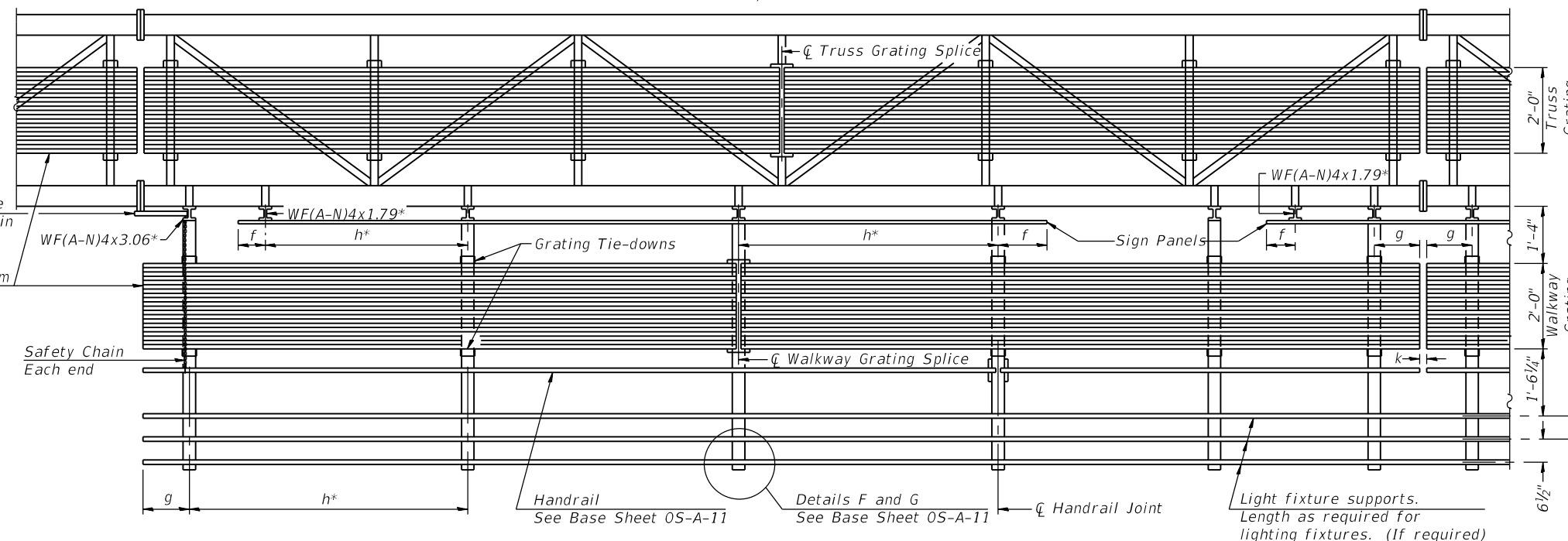
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TYPICAL FRONT ELEVATION
With lights and handrail omitted for clarity.
For Section B-B, see Sheet SS20.



PLAN WALKWAY AND HANDRAIL SKETCH
(Road plan beneath truss varies)



SECTION A-A

Handrail and walkway shall span a minimum of three brackets between splices and/or gap joints. Place all sign and walkway brackets as close to panel points as practical. Handrail joints, grating, and light support splices placed as needed.

BRACKET TABLE

Sign Width		Number Brackets Required
Greater Than	Less Than or Equal To	
	8'-0"	2
8'-0"	14'-0"	3
14'-0"	20'-0"	4
20'-0"	26'-0"	5
26'-0"	32'-0"	6

Notes:
*Space walkway brackets WF(A-N)4x3.06 and sign brackets WF(A-N)4x1.79 for efficiency and within limits shown:

f = 12" maximum, 4" minimum (End of sign to ϕ of nearest bracket)
g = 12" maximum, 4" minimum (End of walkway grating to ϕ of nearest support bracket)
h = 6'-0" maximum (ϕ to ϕ sign and/or walkway support brackets, WF(A-N)4x1.79 or WF(A-N)4x3.06)
k = 2" maximum gap between adjacent walkway grating sections and handrail ends

**If walkway bracket at safety chain location is behind sign, add angle to bracket, see Alternate Safety Chain Attachment on Base Sheet 05-A-11.

For Details T and W, Section B-B and Grating Splice Details, see Sheet SS20.
For Handrail Details, see Base Sheet 05-A-11.

***Measured along Prop. ϕ SB I-90/94

Truss grating to facilitate inspection shall run full length (center to center of support frames) $\pm 12"$ on overhead trusses. Cost of truss grating is included in "Overhead Sign Structure".

Walkway and Truss Grating width dimensions are nominal and may vary $\pm 1/2"$ based on available standard widths.

Structure Number	***Station	a	b	c	d	e	Walkway Grating and Handrail Lengths
150161094R051.9	6234+71.68	-	-	-	-	-	-

05-A-9 2-17-2017



USER NAME =	all.issa	DESIGNED -	JJS, MAA	REVISED -	
		CHECKED -	MAI, JMG	REVISED -	
PLOT SCALE =	N.T.S	DRAWN -	FL	REVISED -	
PLOT DATE =	1/23/2020	CHECKED -	MAI, JMG	REVISED -	

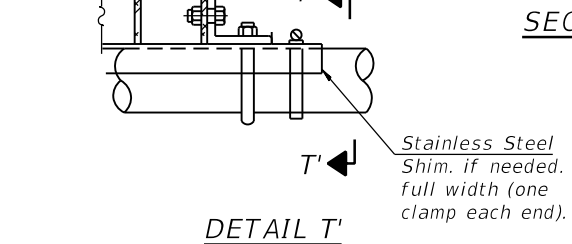
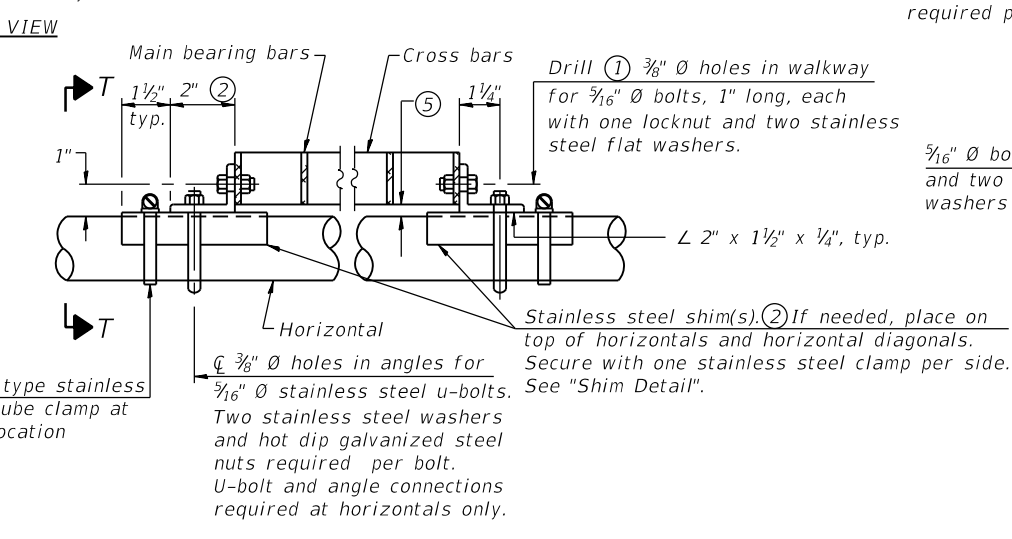
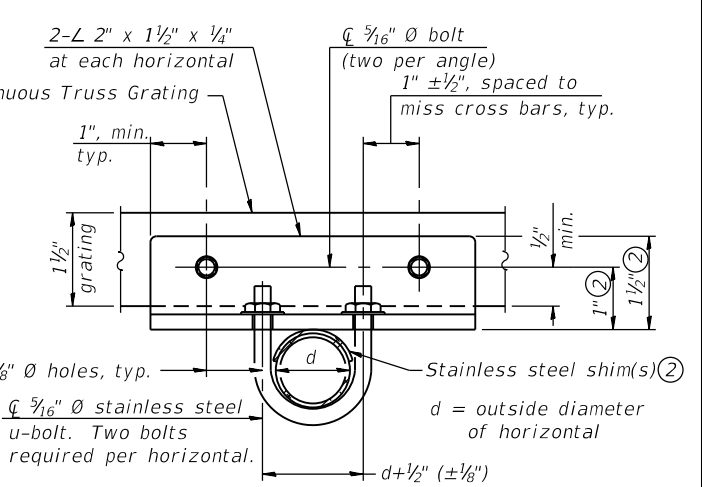
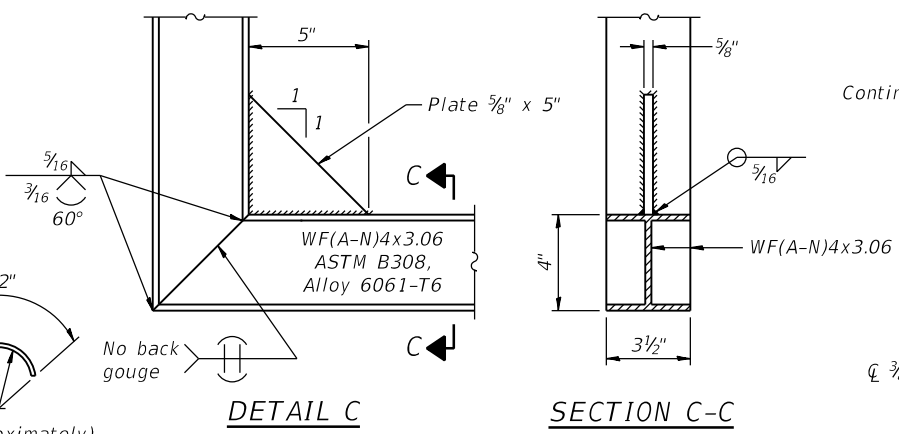
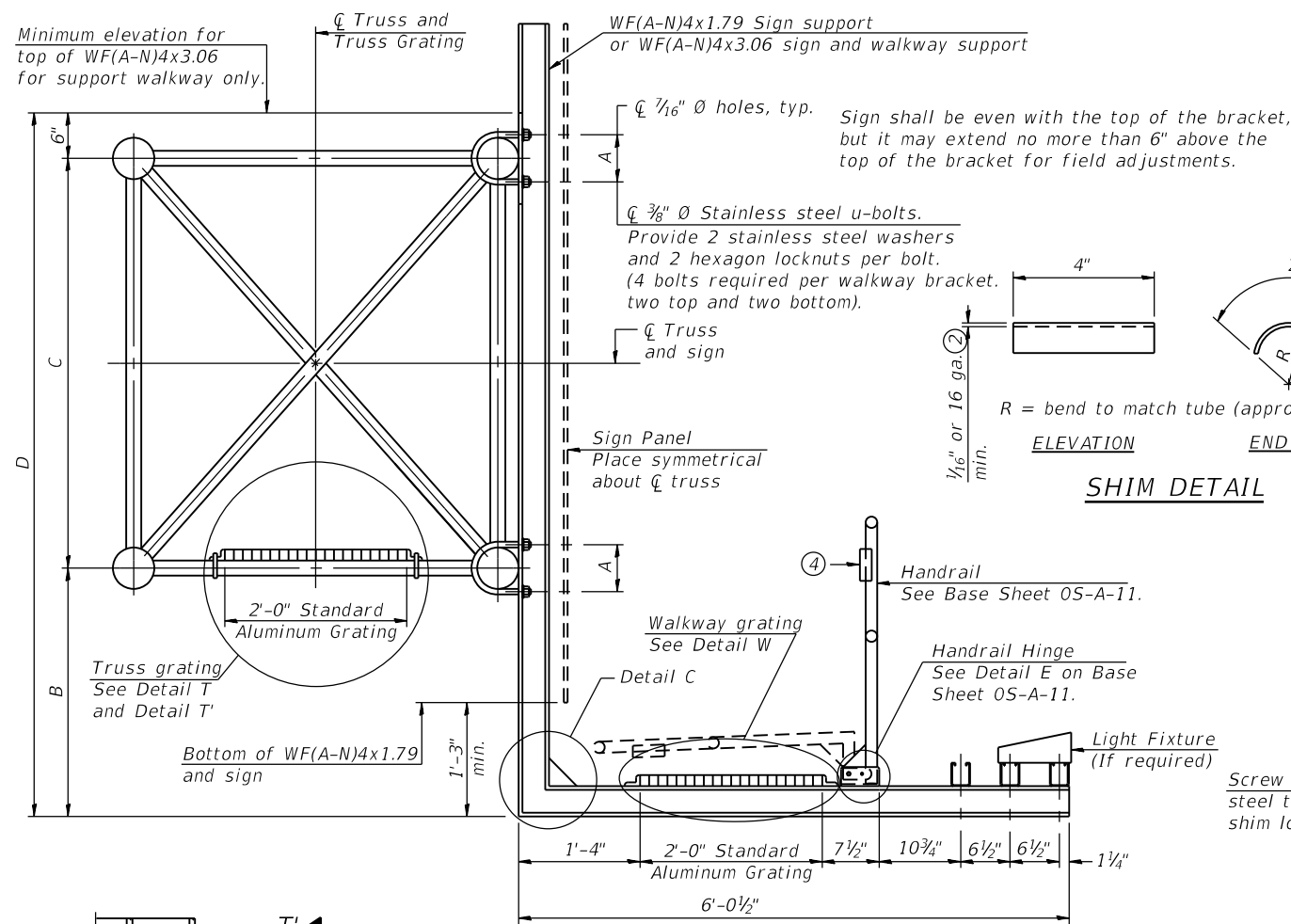
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
ALUMINUM WALKWAY DETAILS I

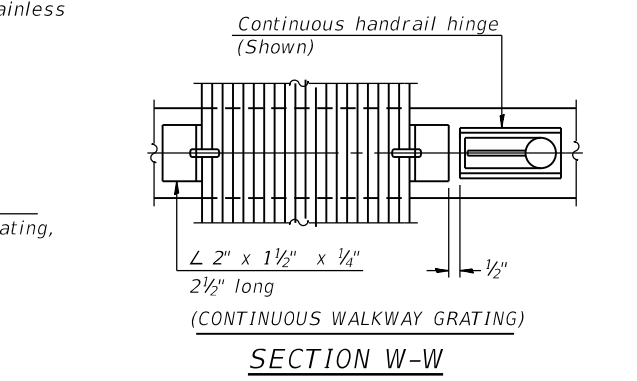
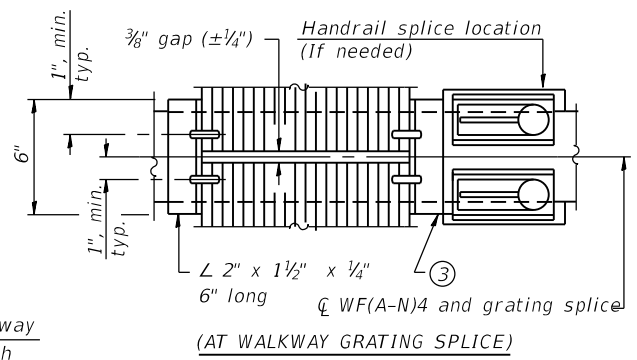
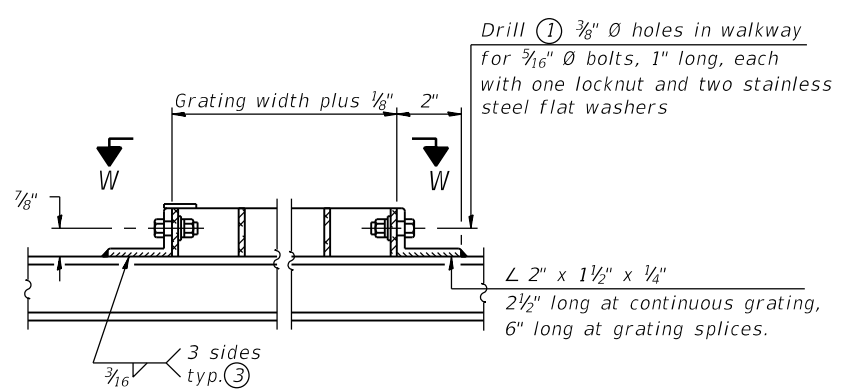
SHEET NO. SS19 OF SS83 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	698
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				

FILE NAME: D:\VAECOM\NA-AW51...recomonline-local\VAECOM_DS02_NAVDocuments\01_Americas\Transportation\60269938_Circle\Phase_I\000_CAD\008_Structural\Sign_Structure\62A77-Span-SB1411-5\SignStruct.dgn



Details not shown same as Detail T. Alternate materials may be used subject to the Engineer's review and approval.



SPECIFICATIONS FOR STANDARD ALUMINUM GRATING

Main Bearing Bars shall be 3/16" x 1 1/2" on 1 3/16" centers and conform to ASTM B221 Alloy 6061-T6.

Cross bars shall be 3/16" x 1 1/2" on 4" centers and conform to ASTM B221 Alloy 6063-T5 or 6061-T6.

OR

Aluminum Grating with modified "t" sections for main bearing bars shall meet the following requirements:

Main bars shall conform to ASTM B221 Alloy 6061-T6 and have a minimum section modulus equal to 0.0705 in.³ per bar, a depth of 1 1/2", spaced on 1 3/16" centers.

Cross bars shall conform to ASTM B221 Alloy 6063-T5 or T-42 and spaced on 4" centers.

Structure Number	*Station	A	⑥ B	C	⑥ D
1S0161094R051.9	6234+71.68	8"	5'-0"	7'-0"	12'-6"

*Measured along Prop. SB 1-90/94

- ① Drilling holes in grating may be done in shop or field, based on Contractor's preference and subject to accurate alignment.
- ② Stainless steel shims shall be placed as shown in Detail T if needed to compensate for alignment variations between horizontal and diagonal pipes beyond adjustment provided by angles. Thicker shims may be used subject to shims performing properly.
- ③ If Handrail Joint present, weld angle to WF(A-N)4 and 1/4" extension bars. (See Base Sheet 05-A-11.)
- ④ L 1/8" x 1/2" x 2" welded to handrail posts to protect locations that contact grating.
- ⑤ Tube to grating gap may vary from 0 to 1/2", max. to align walkway, allow for camber, etc.
- ⑥ Based on actual height of tallest sign given on SS12.

05-A-10

2-17-2017



USER NAME = alljssa	DESIGNED - JJS, MAA	REVISED -
PLOT SCALE = N.T.S	CHECKED - MAI, JMG	REVISED -
PLOT DATE = 1/23/2020	DRAWN - FL	REVISED -
	CHECKED - MAI, JMG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
ALUMINUM WALKWAY DETAILS II

SHEET NO. SS20 OF SS83 SHEETS

F.A.I. RTE. 90/94/290	SECTION 2015-018R	COUNTY COOK	TOTAL SHEETS 1360	SHEET NO. 699
CONTRACT NO. 62A77			ILLINOIS FED. AID PROJECT	

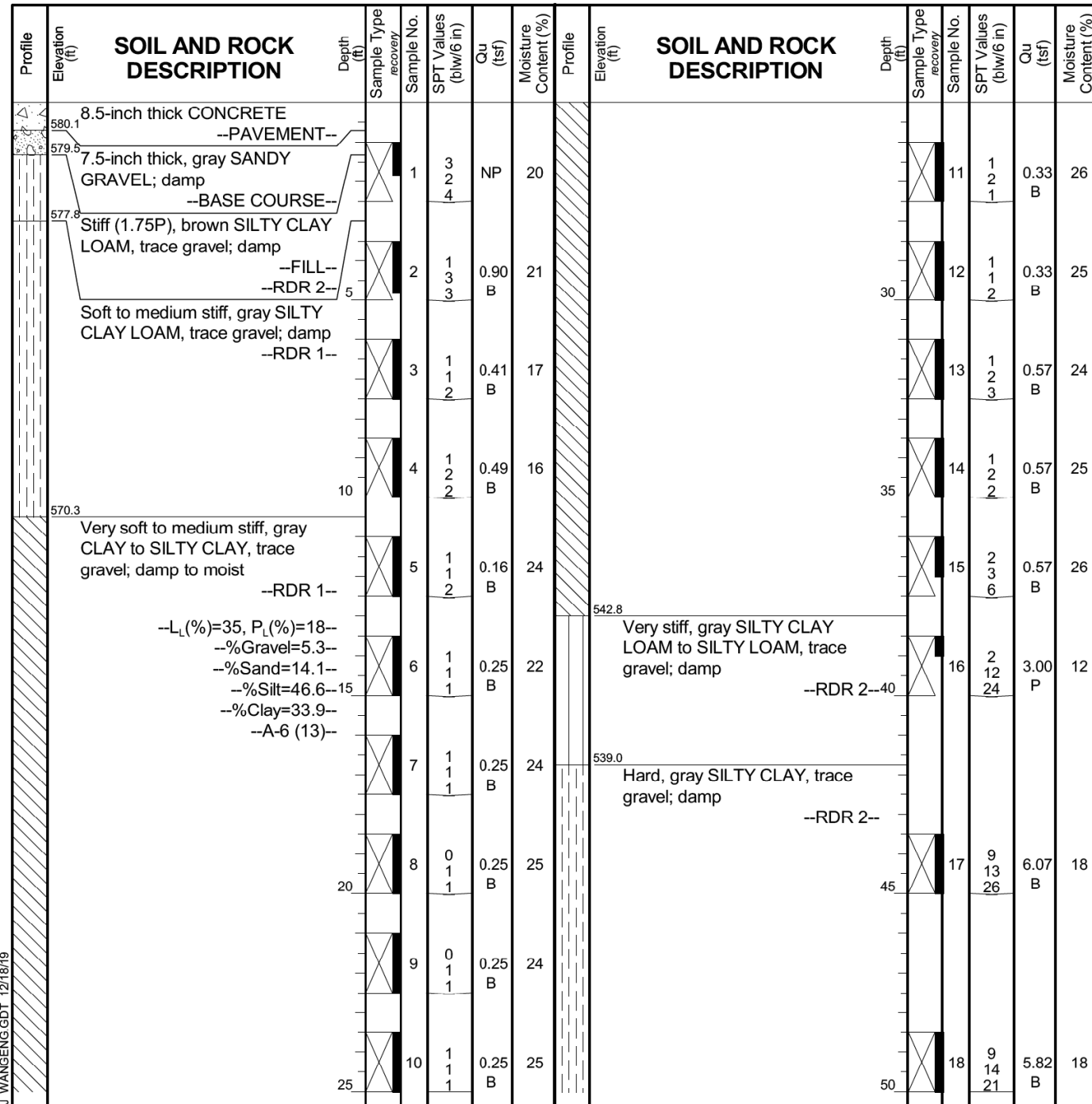


BORING LOG BFB-01

wangeng@wangeng.com
1145 North Main Street
Lombard, IL 60148
Telephone: 630-953-9928
Fax: 630-953-9938

Client: **AECOM**
Project: **Jane Byrne Interchange**
Location: **Section 16, T39N, R14E of 3rd PM**

Datum: NAVD 88
Elevation: 580.78 ft
North: 1896998.21 ft
East: 1171705.12 ft
Station: 6234+87.06
Offset: 125.33' LT



GENERAL NOTES

Begin Drilling: **06-27-2019** Complete Drilling: **06-27-2019**
 Drilling Contractor: **Wang Testing Services** Drill Rig: _____
 Driller: **N&A** Logger: **F. Bozga** Checked by: **C. Marin**
 Drilling Method: **2.25" HSA to 10', mud rotary thereafter, boring**
backfilled upon completion

WATER LEVEL DATA

While Drilling: **52.00 ft**
 At Completion of Drilling: **9 ft Mud**
 Time After Drilling: **NA**
 Depth to Water: **NA**

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

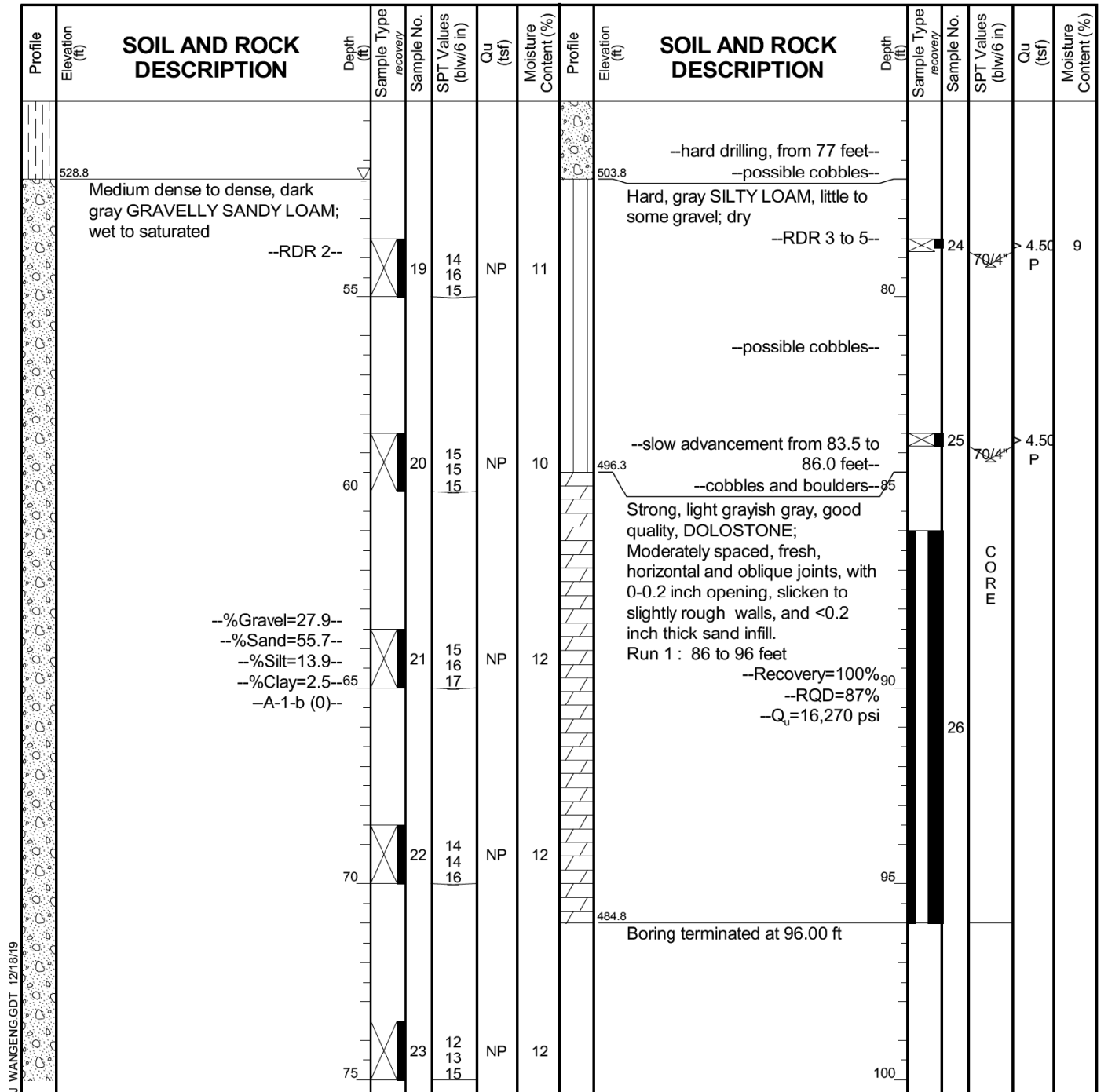


BORING LOG BFB-01

wangeng@wangeng.com
1145 North Main Street
Lombard, IL 60148
Telephone: 630-953-9928
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Client: **AECOM**
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The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

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USER NAME = ali.jssa	DESIGNED - JJS, MAA	REVISED -
PLOT SCALE = N.T.S	CHECKED - MAI, JMG	REVISED -
PLOT DATE = 1/23/2020	DRAWN - FL	REVISED -
	CHECKED - MAI, JMG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORINGS I

SHEET NO. SS21 OF SS83 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-018R	COOK	1360	700
CONTRACT NO. 62A77				
ILLINOIS FED. AID PROJECT				