

006

FOR INDEX OF SHEETS AND STANDARDS SEE SHEET NO. 2

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-1	COOK	*400	1
ILLINOIS CONTRACT NO. 62J31			*400+3+403 TOTAL SHEETS	

DESIGN DESIGNATIONS:

SB I-90/94
NB I-90/94
RAMP SW
SB TAYLOR EXIT RAMP
RAMP SE

91,000(2040) INTERSTATE
81,000(2040) INTERSTATE
23,000(2040) INTERSTATE RAMP
8,000(2040) INTERSTATE RAMP
5,000(2040) INTERSTATE RAMP

POSTED /DESIGN SPEEDS:

45 /60 MPH
45 /60 MPH
35 /35 MPH
NA /25 MPH
25 /25 MPH

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

PROJECT LOCATED IN CITY OF CHICAGO

D-91-227-13



FAI ROUTE 90/94/290
AT I-290 CONGRESS PARKWAY
(JANE BYRNE INTERCHANGE)
JACKSON BLVD ADVANCE WORK
SECTION 2019-054-1
PROJECT: NHPP-ZYCH(319)
COOK COUNTY
C-91-410-19

NPDES PERMIT INFORMATION	
NPDES Disturbed	
Area =	1.50 Acres
Approximate Location of Roadway is :	
Longitude	87° 39' 6" W
Latitude	41° 52' 32" N

RAMP SW
PROJECT LIMIT
STA 1315 + 34.11 TO
STA 1321 + 00.00

SB TAYLOR EXIT RAMP
PROJECT LIMIT
STA 6400 + 00.00 TO
STA 6404 + 00.00

AECOM 303 EAST WACKER DRIVE, SUITE 1400
CHICAGO, IL 60601-3276
PHONE: (312) 373-7100
FAX: (312) 373-8600

TranSystems 1475 EAST WOODFIELD ROAD, SUITE 600
SCHLAUBURG, IL 60173
PHONE: (847) 305-9500
FAX: (847) 453-0565

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED August 9, 2019

Anthony J. Desjardis / *AS*
REGIONAL ENGINEER

October 9, 2019

Paul P. Ch...
ENGINEER OF DESIGN AND ENVIRONMENT

October 19, 2019

Paul P. Ch...
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

MICHAEL EICHTER
062-050948
REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

Michael J. Eichter 8/7/19
MICHAEL J. EICHTER, P.E. DATE
LICENSE EXPIRES 11/30/2019
SHEET RANGE: 1-60, 63-68, 73-75, 81-95, 149-150, 346-400

MATTHEW D. SANFORD
081-087244
LICENSED STRUCTURAL ENGINEER OF ILLINOIS

Matthew D. Sanford 8/7/19
MATTHEW D. SANFORD, S.E. DATE
LICENSE EXPIRES 11/30/2020
SHEET RANGE: 226-227, 293-313

JENNIFER M. GOLEMBKA
062-058168
LICENSED PROFESSIONAL ENGINEER OF ILLINOIS

Jennifer M. Golembka 8/7/19
JENNIFER M. GOLEMBKA, P.E. DATE
LICENSE EXPIRES 11/30/2019
SHEET RANGE: 40-43, 63-65, 69-72, 76-80, 80A, 88-89, 92-93, 96-119, 178-182, 190-193

AMISH T. BHATT
081-006249
LICENSED STRUCTURAL ENGINEER OF ILLINOIS

Amish T. Bhatt 8/7/19
AMISH T. BHATT, P.E., S.E. DATE
LICENSE EXPIRES 11/30/2020
SHEET RANGE: 61-62

MATTHEW J. LETOURNEAU
062-055763
LICENSED PROFESSIONAL ENGINEER OF ILLINOIS

Matthew J. Letourneau 8/7/19
MATTHEW J. LETOURNEAU, P.E. DATE
LICENSE EXPIRES 11/30/2019
SHEET RANGE: 215-225

WILLIAM D. STEAMER
062-060936
LICENSED PROFESSIONAL ENGINEER OF ILLINOIS

William D. Steamer 8/7/19
WILLIAM D. STEAMER, P.E. DATE
LICENSE EXPIRES 11/30/2019
SHEET RANGE: 204-214

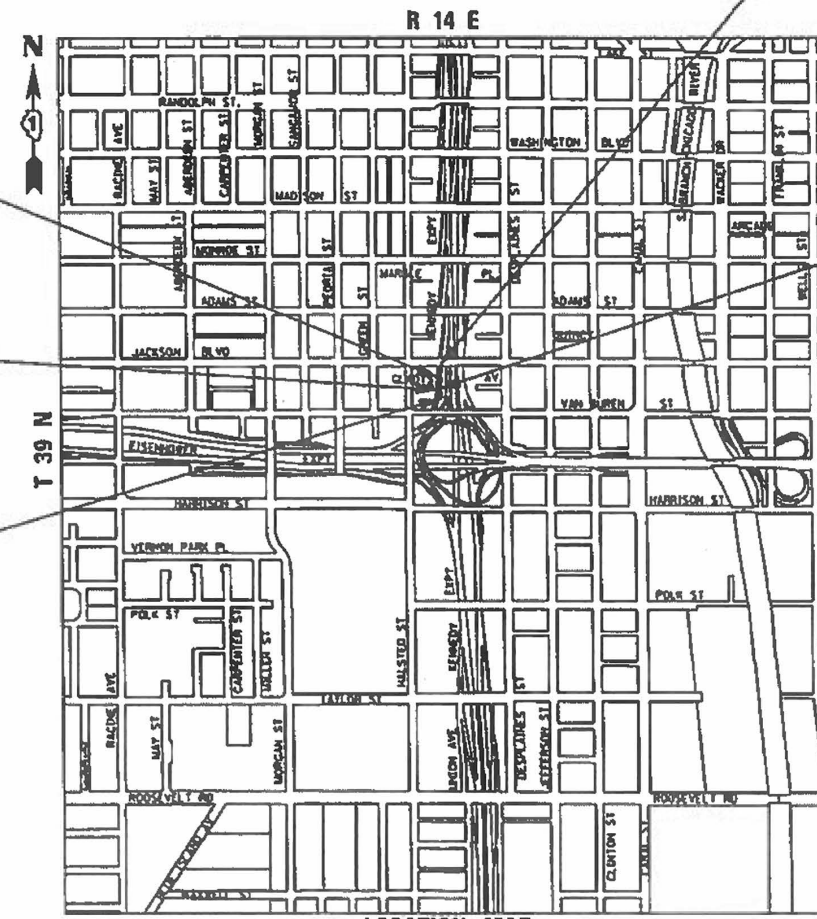
MOUSSA A. ISSA
081-005738
LICENSED STRUCTURAL ENGINEER OF ILLINOIS

Moussa A. Issa 8/7/19
MOUSSA A. ISSA, S.E. DATE
LICENSE EXPIRES 11/30/2020
SHEET RANGE: 194-203

SW RETAINING WALL
JACKSON BLVD
SN 016-1702
STA 1314 + 97.11 TO
STA 1315 + 57.01

RETAINING WALL 38
SN 016-1827
STA 1315 + 57.01 TO
STA 1318 + 74.91

RAMP SE PROJECT LIMIT
STA 1400 + 00.00 TO
STA 1401 + 40.00



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

C.U.A.N.
CHICAGO UTILITY ALERT NETWORK
1-312-744-7000

PROJECT MANAGER: BRIAN KUTTAB, P.E.

CONTRACT NO. 62J31

GROSS LENGTH = 1,105.89 FT (0.211 MILES)
NET LENGTH = 1,105.89 FT (0.211 MILES)

DISTRICT 1 DESIGN /CONSULTANT SERVICES: BRIAN KUTTAB, P.E. (847)705-4431 SCHAUMBURG, ILLINOIS

FILE PATH = p:\aecom\m-n\si\ecomm\local\ecom_0502_mn\documents\01_america\transportation\68269938_Circle\Phase_1\1000_CAD\006_Roadway\Sheets\62J31_Contract\0162J31-SHT-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FED 10% STATE ROADWAY	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE WINGWALL	90% FED 10% STATE BRIDGE	90% FED 10% STATE HIGHWAY LIGHTING	
				0004	0044	0010	0010	0021	
				URBAN	016-1827	016-1702	016-0588	URBAN	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	207	207					
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	107	107					
20101000	TEMPORARY FENCE	FOOT	75	75					
20101100	TREE TRUNK PROTECTION	EACH	5	5					
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	4	4					
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	1	1					
20200100	EARTH EXCAVATION	CU YD	5,640	5,640					
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	3,085	3,085					
20400800	FURNISHED EXCAVATION	CU YD	940	940					
20700220	POROUS GRANULAR EMBANKMENT	CU YD	6	6					
20800150	TRENCH BACKFILL	CU YD	1499.2	1499.2					
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	2,812	2,812					
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	3,486	3,486					
21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	100	100					

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM % 0042



D162J31-SHT-500.dgn
 USER NAME = dshevoZ
 PLOT SCALE = 2.0000' / in.
 PLOT DATE = 8/16/2019

DESIGNED - ZND
 DRAWN - ZND
 CHECKED - MJE
 DATE - 8/16/2019

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 16 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	5
CONTRACT NO. 62J31				

FILE PATH = p:\aecom\ms-ansi\escomon\local\ecom\0502_mh\documents\01_america\transportation\60269938_Circle\Phase\11\000_CAD\006_Roadway\Sheets\62J31_Contract\0162J31-SHT-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				90% FED 10% STATE ROADWAY	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE WINGWALL	90% FED 10% STATE BRIDGE	90% FED 10% STATE HIGHWAY LIGHTING		
				0004	0044	0010	0010	0021		
				URBAN	016-1827	016-1702	016-0588	URBAN		
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	3816	3816						
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	72	72						
31101600	SUBBASE GRANULAR MATERIAL, TYPE B 8"	SQ YD	2004	2004						
31200500	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	SQ YD	2,127	2,127						
35300300	PORTLAND CEMENT CONCRETE BASE COURSE 8"	SQ YD	60	60						
40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SQ YD	231	231						
40200900	AGGREGATE SURFACE COURSE, TYPE B	CU YD	32	32						
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	100	100						
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	27	27						
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	7	7						
42000080	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	SQ YD	86	86						
42000401	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SQ YD	139	139						
42000521	PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)	SQ YD	1,758	1,758						
42001300	PROTECTIVE COAT	SQ YD	8946	8946						

* DENOTES SPECIALTY ITEM * * DENOTES NON-PARTICIPATING ITEM % 0042



0162J31-SHT-500.dgn
 USER NAME = ChiuA
 PLOT SCALE = 2.0000' / in.
 PLOT DATE = 8/16/2019

DESIGNED - ZND
 DRAWN - ZND
 CHECKED - MJJ
 DATE - 8/16/2019

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 16 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	7
CONTRACT NO. 62J31				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\AECOM\NA\NSI\ecommon\local\AECOM_DS02_NA\Documents\01_Americas\Transportation\68269938_Circle\Phase\11\000_CAD\006_Roadway\Sheets\62J31_Contract\162J31-SHT-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				90% FED 10% STATE ROADWAY	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE WINGWALL	90% FED 10% STATE BRIDGE	90% FED 10% STATE HIGHWAY LIGHTING
				0004	0044	0010	0010	0021
				URBAN	016-1827	016-1702	016-0588	URBAN
44000100	PAVEMENT REMOVAL	SQ YD	3976	3976				
44000400	GUTTER REMOVAL	FOOT	120	120				
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	287	287				
44001980	CONCRETE BARRIER REMOVAL	FOOT	2277	2277				
44003100	MEDIAN REMOVAL	SQ FT	8,620	8,620				
44004250	PAVED SHOULDER REMOVAL	SQ YD	1028	1028				
48300400	PORTLAND CEMENT CONCRETE SHOULDERS 9"	SQ YD	50	50				
48300600	PORTLAND CEMENT CONCRETE SHOULDERS 11"	SQ YD	892	892				
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1				1	
50157300	PROTECTIVE SHIELD	SQ YD	2,065				2,065	
50200100	STRUCTURE EXCAVATION	CU YD	878		783	95		
50300225	CONCRETE STRUCTURES	CU YD	340.3	15	325.3			
50300255	CONCRETE SUPERSTRUCTURE	CU YD	165.6	21	144.6			
50300300	PROTECTIVE COAT	SQ YD	51	51				

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM % 0042



D162J31-SHT-500.dgn
 USER NAME = ChiuA
 PLOT SCALE = 2.0000' / in.
 PLOT DATE = 8/16/2019

DESIGNED - ZND REVISED -
 DRAWN - ZND REVISED -
 CHECKED - MJE REVISED -
 DATE - 8/16/2019 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 4 OF 16 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	8
CONTRACT NO. 62J31				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\aecom\m-n\m\seccom\local\ecom\0502_mn\documents\01_america\transportation\68269938_Circle\Phase\11\000_CAD\006_Roadway\Sheets\62J31_Contract\0162J31-SHT-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				90% FED 10% STATE ROADWAY	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE WINGWALL	90% FED 10% STATE BRIDGE	90% FED 10% STATE HIGHWAY LIGHTING
				0004	0044	0010	0010	0021
				URBAN	016-1827	016-1702	016-0588	URBAN
50800105	REINFORCEMENT BARS	POUND	682,950		572,630	110,320		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	38,080	9,350	28,730			
50800530	MECHANICAL SPLICERS	EACH	888		744	144		
51500100	NAME PLATES	EACH	1		1			
51602000	PERMANENT CASING	FOOT	150			150		
* 51603000	DRILLED SHAFT IN SOIL	CU YD	2,906.1		2,434.8	471.3		
52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	393		393			
52200255	TREATED TIMBER LAGGING	SQ FT	382			382		
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	150	150				
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	156	156				
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	24	24				
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	184	184				
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	93	93				
550A0500	STORM SEWERS, CLASS A, TYPE 2 60"	FOOT	210	210				

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

% 0042



D162J31-SHT-500.dgn
 USER NAME = ChiuA
 PLOT SCALE = 2.0000' / in.
 PLOT DATE = 8/16/2019

DESIGNED - ZND
 DRAWN - ZND
 CHECKED - MJJ
 DATE - 8/16/2019

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 5 OF 16 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	9
CONTRACT NO. 62J31				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\a\ecom\ma-ansi\elecmon\line\local\ecom_0502_ma_documents\01_Americas\Transportation\68269598_Circle\Phase-1\000_CAD\006_Roadway\Sheets\62J31_Contract\0162J31-SHT-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FED 10% STATE ROADWAY	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE WINGWALL	90% FED 10% STATE BRIDGE	90% FED 10% STATE HIGHWAY LIGHTING	
				0004	0044	0010	0010	0021	
				URBAN	016-1827	016-1702	016-0588	URBAN	
55100300	STORM SEWER REMOVAL 8"	FOOT	38	38					
55100400	STORM SEWER REMOVAL 10"	FOOT	344	344					
55100500	STORM SEWER REMOVAL 12"	FOOT	195	195					
58700300	CONCRETE SEALER	SQ FT	9,454		9,454				
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	42	42					
60108206	PIPE UNDERDRAINS, TYPE 2, 6"	FOOT	839	839					
60200105	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	5	5					
60200205	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1					
60200805	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 8 GRATE	EACH	2	2					
60201310	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 20 FRAME AND GRATE	EACH	7	7					
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2					
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	6	6					
60237420	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	EACH	1	1					
60250200	CATCH BASINS TO BE ADJUSTED	EACH	3	3					

* DENOTES SPECIALTY ITEM * * DENOTES NON-PARTICIPATING ITEM % 0042



D162J31-SHT-500.dgn
 USER NAME = ChiuA
 PLOT SCALE = 2.0000' / in.
 PLOT DATE = 8/16/2019

DESIGNED - ZND REVISED -
 DRAWN - ZND REVISED -
 CHECKED - MJE REVISED -
 DATE - 8/16/2019 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 6 OF 16 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	10
CONTRACT NO. 62J31				
ILLINOIS FED. AID PROJECT				

FILE PATH = g:\a\AECOM\NA\ANSI\document\local\AECOM_0582_NA\Documents\01_Americas\Transportation\6269938_Circle\Phase_1\000_CAD\005_Roadway\Sheets\62J31_Contract\0162J31-SHT-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				90% FED 10% STATE ROADWAY	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE WINGWALL	90% FED 10% STATE BRIDGE	90% FED 10% STATE HIGHWAY LIGHTING		
				0004	0044	0010	0010	0021		
				URBAN	016-1827	016-1702	016-0588	URBAN		
60250500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	7	7						
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	1	1						
60255500	MANHOLES TO BE ADJUSTED	EACH	1	1						
60500040	REMOVING MANHOLES	EACH	3	3						
60500050	REMOVING CATCH BASINS	EACH	11	11						
60500060	REMOVING INLETS	EACH	3	3						
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	3317	3317						
63200310	GUARDRAIL REMOVAL	FOOT	56	56						
63700805	CONCRETE BARRIER TRANSITION	FOOT	15	15						
63700900	CONCRETE BARRIER BASE	FOOT	15	15						
64300260	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	6	6						
64300370	IMPACT ATTENUATORS (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3	EACH	1	1						
66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1						
67100100	MOBILIZATION	L SUM	1	1						
66901002	ON-SITE MONITORING OF REGULATED SUBSTANCES	CAL DA	45	45						
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	322	322						
66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1						
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	60	60						

* DENOTES SPECIALTY ITEM * * DENOTES NON-PARTICIPATING ITEM % 0042



D162J31-SHT-500.dgn
 USER NAME = ChiuA
 PLOT SCALE = 2.0000' / in.
 PLOT DATE = 8/16/2019

DESIGNED - ZND
 DRAWN - ZND
 CHECKED - MJJ
 DATE - 8/16/2019

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 7 OF 16 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	11
CONTRACT NO. 62J31				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\aecom\m-n\si\ecomm\local\ecom_0502_mn\documents\01_america\transportation\68269938_Circle\Phase_1\1000_CAD\046_Roadway\Sheets\62J31_Contract\0162J31-SHT-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				90% FED 10% STATE ROADWAY	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE WINGWALL	90% FED 10% STATE BRIDGE	90% FED 10% STATE HIGHWAY LIGHTING		
				0004	0044	0010	0010	0021		
				URBAN	016-1827	016-1702	016-0588	URBAN		
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	8560	8560						
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	255	255						
70300560	PAVEMENT MARKING TAPE, TYPE III 12"	FOOT	44	44						
70300570	PAVEMENT MARKING TAPE, TYPE III 24"	FOOT	14	14						
70400100	TEMPORARY CONCRETE BARRIER	FOOT	2925	2925						
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	2962.5	2962.5						
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	3	3						
70600290	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, WIDE), TEST LEVEL 3	EACH	3	3						
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	3	3						
70600360	IMPACT ATTENUATORS, RELOCATE (SEVERE USE), TEST LEVEL 3	EACH	2	2						
* 72000300	SIGN PANEL - TYPE 3	SQ FT	352	352						
72100100	SIGN PANEL OVERLAY	SQ FT	166	166						
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	2						
* 72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	1182	1182						

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

% 0042



D162J31-SHT-500.dgn
 USER NAME = dshveoz
 PLOT SCALE = 2.0000' / in.
 PLOT DATE = 8/16/2019

DESIGNED - ZND
 DRAWN - ZND
 CHECKED - MJJ
 DATE - 8/16/2019

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 8 OF 16 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	12
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62J31	

FILE PATH = p:\AECOM\NA\AWSI\element\local\AECOM_0502_NA\Documents\01_Americas\Transportation\6269938_Circle\Phase\1\000_CAD\005_Roadway\Sheets\62J31_Contract\0162J31-SHT-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FED 10% STATE ROADWAY	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE WINGWALL	90% FED 10% STATE BRIDGE	90% FED 10% STATE HIGHWAY LIGHTING	
				0004	0044	0010	0010	0021	
				URBAN	016-1827	016-1702	016-0588	URBAN	
* 73300100	OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT	57	57					
* 73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	17.4	17.4					
* 73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	1	1					
* 73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	4	4					
* 78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	792	792					
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	274						274
* 81100605	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., PVC COATED GALVANIZED STEEL	FOOT	155						155
* 81100805	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT	15						15
* 81101005	CONDUIT ATTACHED TO STRUCTURE, 4" DIA., PVC COATED GALVANIZED STEEL	FOOT	240						240
* 81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	310						310
* 81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	2						2
* 81300948	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 24" X 24" X 10"	EACH	5						5
* 81300960	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 42" X 36" X 12"	EACH	1						1
* 81400200	HEAVY-DUTY HANDHOLE	EACH	3						3

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM % 0042



D162J31-SHT-500.dgn
 USER NAME = dshevoZ
 PLOT SCALE = 2.0000' / 1" =
 PLOT DATE = 8/16/2019

DESIGNED - ZND REVISED -
 DRAWN - ZND REVISED -
 CHECKED - MJJ REVISED -
 DATE - 8/16/2019 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

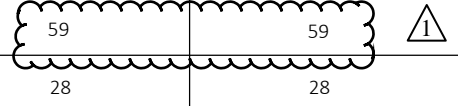
SCALE: SHEET 9 OF 16 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	13
CONTRACT NO. 62J31				

FILE PATH = p:\aecom\ma-ansi\ecommon\local\ecom\0502_MA\Documents\01_Americas\Transportation\60269938_Circle Phase\11000_CAD\006_Roadway\Sheets\62J31_Contract\162J31-SHT-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				90% FED 10% STATE ROADWAY	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE WINGWALL	90% FED 10% STATE BRIDGE	90% FED 10% STATE HIGHWAY LIGHTING
				0004 URBAN	0044 016-1827	0010 016-1702	0010 016-0588	0021 URBAN
* 81603081	UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	56					56
* 81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	355					355
* 81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	1,065					1,065
* 81800300	AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	896					896
* 82110016	LUMINAIRE, LED, HIGHMAST, OUTPUT DESIGNATION I	EACH	18					18
* 83505500	LIGHT TOWER, 130 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 8	EACH	2					2
* 84100110	REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	2					2
* 84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	19					19
* 84400405	RELOCATE EXISTING WOOD POLES	EACH	3					3
* 87200400	SPAN WIRE	FOOT	2,867					2,867
* 87900205	DRILL EXISTING HEAVY DUTY HANDHOLE	EACH	6					6
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1,300					1,300
* 89502380	REMOVE EXISTING HANDHOLE	EACH	1					1
Z0004552	APPROACH SLAB REMOVAL	SQ YD	59					59
Z0005872	BONDED PREFORMED JOINT SEALER, 2 INCH	FOOT	28					28

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM % 0042



D162J31-SHT-500.dgn
 USER NAME = ChiuA
 PLOT SCALE = 2.0000' / in.
 PLOT DATE = 8/16/2019

DESIGNED - ZND
 DRAWN - ZND
 CHECKED - MJE
 DATE - 8/16/2019

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 10 OF 16 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	14
CONTRACT NO. 62J31				

FILE PATH = p:\AECOM\NA-AWSI\ecommon\local\AECOM_0582_NA\Documents\01_Americas\Transportation\66269936_Circle\Phase_1\000_CAD\005_Roadway\Sheets\62J31_Contract\0162J31-SHT-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FED 10% STATE ROADWAY	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE WINGWALL	90% FED 10% STATE BRIDGE	90% FED 10% STATE HIGHWAY LIGHTING	
				0004	0044	0010	0010	0021	
				URBAN	016-1827	016-1702	016-0588	URBAN	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1					
Z0018911	DRILL AND GROUT #6 TIE BARS	EACH	26	26					
Z0019600	DUST CONTROL WATERING	UNIT	100	100					
Z0022800	FENCE REMOVAL	FOOT	242	242					
Z0028415	GEOTECHNICAL REINFORCEMENT	SQ YD	2,295	2,295					
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	590	590					
* Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	11						11
Z0037300	PAVEMENT GROOVING	SQ YD	1,986	1,986					
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	314		314				
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	16	16					
Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	120	120					
Z0056624	STORM SEWER (WATER MAIN REQUIREMENTS) 42 INCH	FOOT	242	242					
Z0062456	TEMPORARY PAVEMENT	SQ YD	4897	4897					

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

% 0042



D162J31-SHT-500.dgn
 USER NAME = ChiuA
 PLOT SCALE = 2.0000' / 1"v.
 PLOT DATE = 8/16/2019

DESIGNED - ZND
 DRAWN - ZND
 CHECKED - MJE
 DATE - 8/16/2019

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 11 OF 16 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2019-054-I	COUNTY COOK	TOTAL SHEETS 400	SHEET NO. 15
CONTRACT NO. 62J31				

ILLINOIS FED. AID PROJECT
 REV. 10/29/19 REV. 9/13/19

FILE PATH = p:\AECOM\NA-AWSI\ecom\local\AECOM_0502_NA\Documents\01_Americas\Transportation\6269936_Circle\Phase_1\000_CAD\005_Roadway\Sheets\62J31_Contract\162J31-SHT-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				90% FED 10% STATE ROADWAY	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE WINGWALL	90% FED 10% STATE BRIDGE	90% FED 10% STATE HIGHWAY LIGHTING
				0004 URBAN	0044 016-1827	0010 016-1702	0010 016-0588	0021 URBAN
X0320051	CROSSHOLE SONIC LOGGING ACCESS DUCTS	FOOT	2,775		2,325	450		
X0320052	CROSSHOLE SONIC LOGGING TESTING	EACH	9		7	2		
X0320085	MONITORING ADJACENT STRUCTURES	L SUM	1	1				
X0321750	REMOVE TEMPORARY CONCRETE BARRIER, STATE OWNED	FOOT	122	122				
X0322141	REMOVE TEMPORARY WOOD POLE	EACH	5					5
* X0324198	REMOVAL OF ASBESTOS CEMENT CONDUIT	FOOT	2,000	2,000				
* X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	630					630
X0324761	DRAINAGE SYSTEM (SPECIAL)	L SUM	1	1				
X0325155	REMOVE ABANDONED GAS MAIN	FOOT	15	15				
X0325207	TELEVISION INSPECTION OF SEWER	FOOT	1,730	1,730				
X0325279	CLASS SI CONCRETE (MISCELLANEOUS)	CU YD	237.1		237.1			
X0325349	TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)	FOOT	2687,5	2687,5				
X0327004	TEMPORARY WOOD POLE, 60 FT., CLASS 4	EACH	23					23
X0327236	TEMPORARY WOOD POLE, 50 FT., CLASS 4	EACH	1					1
X0327267	SLOPE INCLINOMETER	EACH	1		1			

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM % 0042



D162J31-SHT-500.dgn
 USER NAME = dshvevZ
 PLOT SCALE = 2.0000' / in.
 PLOT DATE = 8/16/2019

DESIGNED - ZND
 DRAWN - ZND
 CHECKED - MJE
 DATE - 8/16/2019

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 12 OF 16 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	16
CONTRACT NO. 62J31			ILLINOIS FED. AID PROJECT	

FILE PATH = p:\aecom-na-ansi\ecomon\line\local\ecom_0502_mh\documents\01_Americas\Transportation\62659598_Circle\Phase-1\000_CAD\006_Roadway\Sheets\62J31_Contract\0162J31-SHT-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FED 10% STATE ROADWAY	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE WINGWALL	90% FED 10% STATE BRIDGE	90% FED 10% STATE HIGHWAY LIGHTING	
				0004 URBAN	0044 016-1827	0010 016-1702	0010 016-0588	0021 URBAN	
X0327357	CONSTRUCTION VIBRATION MONITORING	L SUM	1	1					
* X0327607	FIBER OPTIC SPLICE-MAINLINE	EACH	2						2
* X0327616	MAINTAINING ITS DURING CONSTRUCTION	CAL MO	11						11
X0327680	TRENCH DRAIN	FOOT	300	300					
X0327757	FOUNDATION CONSTRUCTION AT EXISTING OBSTRUCTIONS	EACH	1			1			
X0327682	CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT ENGINEERING SERVICES	LSUM	1	1					
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	11,881	11,881					
X0370077	LOCATE TUNNEL, CHICAGO	EACH	1	1					
X0370078	BULKHEAD TUNNEL, CHICAGO	EACH	1	1					
X0370135	CONCRETE CURB, TYPE B (SPECIAL) (CDOT)	FOOT	67	67					
X1200007	TEMPORARY WOOD POLE, 80 FEET, CLASS 4	EACH	2						2
X1200011	STORM SEWERS, TYPE 2, DUCTILE IRON PIPE 8"	FOOT	40	40					
* X1400172	ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 19 6 PAIR	FOOT	233						233
* X1400174	REMOVE AND REINSTALL EXISTING CCTV CAMERA AND EQUIPMENT	L SUM	1						1
* X1400240	FIBER OPTIC CABLE IN CONDUIT, 96 FIBERS, SINGLE MODE	FOOT	1,200						1,200
* X1400241	FIBER OPTIC CABLE, AERIAL, 96 FIBERS, SINGLE MODE	FOOT	3,210						3,210

* DENOTES SPECIALTY ITEM * * DENOTES NON-PARTICIPATING ITEM % 0042



D162J31-SHT-500.dgn
 USER NAME = ChiuA
 PLOT SCALE = 2.0000' / 1" =
 PLOT DATE = 8/16/2019

DESIGNED - ZND
 DRAWN - ZND
 CHECKED - MJE
 DATE - 8/16/2019

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 13 OF 16 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	17
CONTRACT NO. 62J31			ILLINOIS FED. AID PROJECT	

FILE PATH = p:\aecom\m-n\si\escomon\local\aecom\0502_NA\Documents\01_America\Transportation\68269938_Circle\Phase\1\000_CAD\005_Roadway\Sheets\62J31_Contract\0162J31-SHT-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FED 10% STATE ROADWAY	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE WINGWALL	90% FED 10% STATE BRIDGE	90% FED 10% STATE HIGHWAY LIGHTING	
				0004	0044	0010	0010	0021	
				URBAN	016-1827	016-1702	016-0588	URBAN	
* X1400262	ELECTRIC CABLE, AERIAL INSTALLATION, NO. 19 25 PAIR	FOOT	7,734						7,734
X1700036	CONCRETE BARRIER BASE (SPECIAL NO. 1)	FOOT	186	186					
X1700037	CONCRETE BARRIER BASE (SPECIAL NO. 2)	FOOT	385	385					
X1700038	CONCRETE BARRIER BASE (SPECIAL NO. 3)	FOOT	83	83					
X1700039	CONCRETE BARRIER BASE (SPECIAL NO. 4)	FOOT	314	314					
X1700073	CONCRETE BARRIER WALL (SPECIAL NO. 1)	FOOT	314	314					
X5012502	CONCRETE REMOVAL (SPECIAL)	CU YD	17	17					
X5030250	BRIDGE DECK GROOVING (LONGITUDINAL)	SQ YD	43	43					
X5610716	WATER MAIN REMOVAL, 16"	FOOT	85	85					
X6022110	MANHOLES, TYPE A, 10' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2					
X6370050	CONCRETE BARRIER WALL (SPECIAL)	FOOT	83	83					
X6370279	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (SPECIAL)	FOOT	571	571					
X6431120	REMOVE IMPACT ATTENUATOR SAND MODULE	EACH	1	1					
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	11	11					

* DENOTES SPECIALTY ITEM * * DENOTES NON-PARTICIPATING ITEM % 0042



D162J31-SHT-500.dgn
 USER NAME = ChiuA
 PLOT SCALE = 2.0000' / in.
 PLOT DATE = 8/16/2019

DESIGNED - ZND
 DRAWN - ZND
 CHECKED - MJE
 DATE - 8/16/2019

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 14 OF 16 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	18
CONTRACT NO. 62J31			ILLINOIS FED. AID PROJECT	

FILE PATH = p:\AECOM\NA-AWSI\ecocom\local\AECOM_0502_NA\Documents\01_Americas\Transportation\6269936_Circle\Phase\1\000_CAD\005_Roadway\Sheets\62J31_Contract\0162J31-SHT-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FED 10% STATE ROADWAY	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE WINGWALL	90% FED 10% STATE BRIDGE	90% FED 10% STATE HIGHWAY LIGHTING	
				0004 URBAN	0044 016-1827	0010 016-1702	0010 016-0588	0021 URBAN	
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1					
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1					
X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	322	322					
X7035104	TEMPORARY EPOXY PAVEMENT MARKING - LINE 4"	FOOT	14,136	14,136					
X7035105	TEMPORARY EPOXY PAVEMENT MARKING - LINE 5"	FOOT	2037	2037					
X7035108	TEMPORARY EPOXY PAVEMENT MARKING - LINE 8"	FOOT	10,150	10,150					
X7035112	TEMPORARY EPOXY PAVEMENT MARKING - LINE 12"	FOOT	733	733					
X7040010	TEMPORARY CONCRETE BARRIER (SPECIAL)	FOOT	317	317					
X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	1349	1349					
* X8130115	DRILL EXISTING JUNCTION BOX	EACH	4						4
* X8130120	RELOCATE EXISTING JUNCTION BOX	EACH	1						1
* X8420502	REMOVAL OF LIGHT TOWER, NO SALVAGE	EACH	1						1
* X8420510	REMOVAL OF TOWER FOUNDATION	EACH	1						1
* X8730246	ELECTRIC CABLE IN CONDUIT, NO. 19 25 PAIR	FOOT	1,959						1,959

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM % 0042



D162J31-SHT-500.dgn
 USER NAME = dshevoZ
 PLOT SCALE = 2.0000 ' / in.
 PLOT DATE = 8/16/2019

DESIGNED - ZND REVISED -
 DRAWN - ZND REVISED -
 CHECKED - MJJ REVISED -
 DATE - 8/16/2019 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 15 OF 16 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	19
CONTRACT NO. 62J31			ILLINOIS FED. AID PROJECT	

FILE PATH = p:\aecom\ms-ansi\ecomon\local\aecom\ds02_na_documents\01_america\transportation\60269938_Circle Phase II\000_CAD\006_Roadway\Sheets\62J31_Contract\0162J31-SHT-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FED 10% STATE ROADWAY	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE WINGWALL	90% FED 10% STATE BRIDGE	90% FED 10% STATE HIGHWAY LIGHTING	
				0004	0044	0010	0010	0021	
				URBAN	016-1827	016-1702	016-0588	URBAN	
* X8730312	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	FOOT	1,481						1,481
* X8772115	TEMPORARY MAST ARM, ALUMINUM, 15FT	EACH	8						8
* X8850109	PREFORMED INDUCTION LOOP	FOOT	174						174
* X8950510	REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	200						200
* X8951011	REMOVE AERIAL CABLE	FOOT	340						340
* X1400386	RELOCATE EXISTING WIRELESS VEHICLE DETECTION SYSTEM	EACH	1						1
* X1400387	REMOVE AND REINSTALL AERIAL CABLE	FOOT	3,296						3,296
X6640706	TEMPORARY CHAIN LINK FENCE WITH SCREENING, 6'	FOOT	621	621					
Ø Z0076600	TRAINEES	HOUR	500	500					
Ø X0100025	FLOWABLE FILL	CU YD	52	52					
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500					
* X1400385	LIGHT TOWER, 150 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 8, MATERIALS ONLY	EACH	1						1

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

% 0042

Ø 0042



D162J31-SHT-500.dgn
 USER NAME = ChiuA
 PLOT SCALE = 2.0000' / 1"v
 PLOT DATE = 8/16/2019

DESIGNED - ZND
 DRAWN - ZND
 CHECKED - MJJ
 DATE - 8/16/2019

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 16 OF 16 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	20
CONTRACT NO. 62J31				
ILLINOIS FED. AID PROJECT				

REMOVAL SCHEDULE

SHEET	STATION	BASELINE	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	TEMPORARY FENCE	TREE TRUNK PROTECTION	TREE PRUNING (1 TO 10 INCH DIAMETER)	TREE PRUNING (OVER 10 INCH DIAMETER)	PAVEMENT REMOVAL	GUTTER REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	CONCRETE BARRIER REMOVAL	MEDIAN REMOVAL	PAVED SHOULDER REMOVAL	GUARDRAIL REMOVAL	REMOVE TEMPORARY CONCRETE BARRIER, STATE OWNED	REMOVE IMPACT ATTENUATOR SAND MODULE	APPROACH SLAB REMOVAL	FENCE REMOVAL
			UNIT	UNIT	FOOT	EACH	EACH	EACH	SQ YD	FOOT	FOOT	FOOT	SQ FT	SQ YD	FOOT	FOOT	EACH	SQ YD	FOOT
1	1310+00.00 TO 1315+00.00	PR RAMP SW	0	0	0	0	0	0	843	0	131	774	5,444	495	0	0	1	59	1
2	1315+00.00 TO 1320+51.92	PR RAMP SW	207	107	75	5	4	1	2,398	120	156	1503	3,176	533	56	122	0	0	241
TOTALS			207	107	75	5	4	1	3,241	120	287	2,277	8,620	1,028	56	122	1	59	242

ROADWAY SCHEDULE

SHEET	STATION	BASELINE	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	POROUS GRANULAR EMBANKMENT	AGGREGATE SUBGRADE IMPROVEMENT 12"	AGGREGATE SUBGRADE IMPROVEMENT 24"	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SUBBASE GRANULAR MATERIAL, TYPE B 6"	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	PORTLAND CEMENT CONCRETE BASE COURSE 8"	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "D", N50	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)	PROTECTIVE COAT	PORTLAND CEMENT CONCRETE SHOULDERS 9"	PORTLAND CEMENT CONCRETE SHOULDERS 11"	CONCRETE MEDIAN SURFACE, 4 INCH	CONCRETE BARRIER TRANSITION	CONCRETE BARRIER BASE	
			SQ YD	CU YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	POUND	TON	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ FT	FOOT
1	1310+00.00 TO 1315+00.00	PR RAMP SW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2764	0	0
2	1315+00.00 TO 1321+07.13	PR RAMP SW	163	6	3,218	163	922	72	2,127	60	27	7	86	139	1,758	4,049	50	892	553	15	15	
TOTALS			163	6	3,218	163	922	72	2,127	60	27	7	86	139	1,758	4,049	50	892	3,317	15	15	

SHEET	STATION	BASELINE	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	IMPACT ATTENUATORS (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3	TEMPORARY PAVEMENT MARKING - LINE 6"	BARRIER WALL REFLECTORS, TYPE C	PAVEMENT GROOVING	TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)	CONCRETE BARRIER BASE (SPECIAL NO. 1)	CONCRETE BARRIER BASE (SPECIAL NO. 2)	CONCRETE BARRIER BASE (SPECIAL NO. 3)	CONCRETE BARRIER BASE (SPECIAL NO. 4)	CONCRETE BARRIER WALL (SPECIAL NO. 1)	CONCRETE CURB, TYPE B (SPECIAL) (COOT)	CONCRETE BARRIER WALL (SPECIAL)	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (SPECIAL)	GEOTECHNICAL REINFORCEMENT	DRILL AND GROUT #6 TIE BARS
			EACH	EACH	FOOT	EACH	SQ YD	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ YD	EACH
1	1310+00.00 TO 1315+00.00	PR RAMP SW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	1315+00.00 TO 1321+07.13	PR RAMP SW	1	1	150	93	1,986	150	186	385	83	314	314	67	83	571	163	26
TOTALS			1	1	150	93	1,986	150	186	385	83	314	314	67	83	571	163	26

FILE PATH = p:\va\ecom\ms-ansi\ecomon\line\local\AECOM_DS02_IL\000_CAD\006_Roadway\Sheets\62J31_Contract\162J31-sht-Schedule-01.dgn



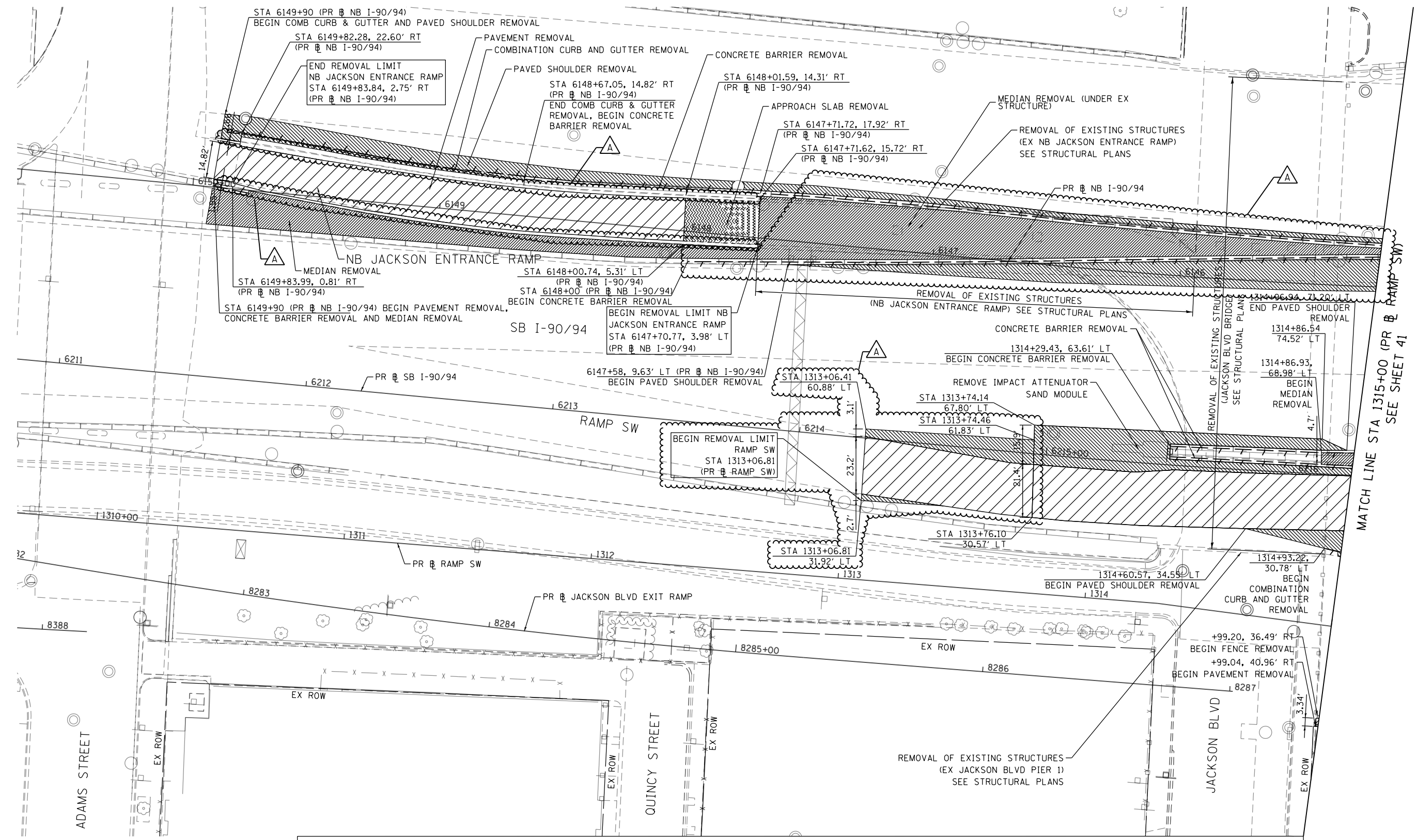
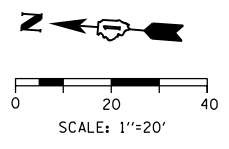
D162J31-sht-Schedule-01.dgn
 USER NAME = andrew.eceron
 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 10/18/2019

DESIGNED - OPS
 DRAWN - ZND
 CHECKED - MJE
 DATE - 8/16/2019
 REVISED - 10/10/2019
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
 SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	27
CONTRACT NO. 62J31				
ILLINOIS FED. AID PROJECT				



REMOVAL LEGEND

- | | | | |
|--|------------------------|---|--|
| | PAVEMENT REMOVAL | | LINEAR REMOVAL |
| | APPROACH SLAB REMOVAL | X | TREE REMOVAL |
| | MEDIAN REMOVAL | P | TREE TRUNK PROTECTION, TEMPORARY FENCE, TREE PRUNING |
| | PAVED SHOULDER REMOVAL | S | SAPLING REMOVAL (NOT MEASURED FOR PAYMENT) |

NOTES

- SEE ALIGNMENT AND TIES SHEETS NO. 29 TO 39 FOR CURVE DATA.
- ALL STATIONS AND OFFSETS ARE MEASURED FROM PR \oplus RAMP SW UNLESS OTHERWISE NOTED.

FILE PATH = p:\va\ecom\ma-nsi\ecommon\line\local\i\ecom\0502_ma_documents\01_america\transportation\60269938_Circle Phase II\000_CAD\006_Roadway_Sheets\62J31_Contract\0162J31-SHT-Removal-01.dgn



D162J31-SHT-Removal-01.dgn	DESIGNED - OPS	REVISED - Δ 10/10/2019
USER NAME = andrew.eceron	DRAWN - ZND	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - MJE	REVISED -
PLOT DATE = 10/18/2019	DATE - 8/16/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

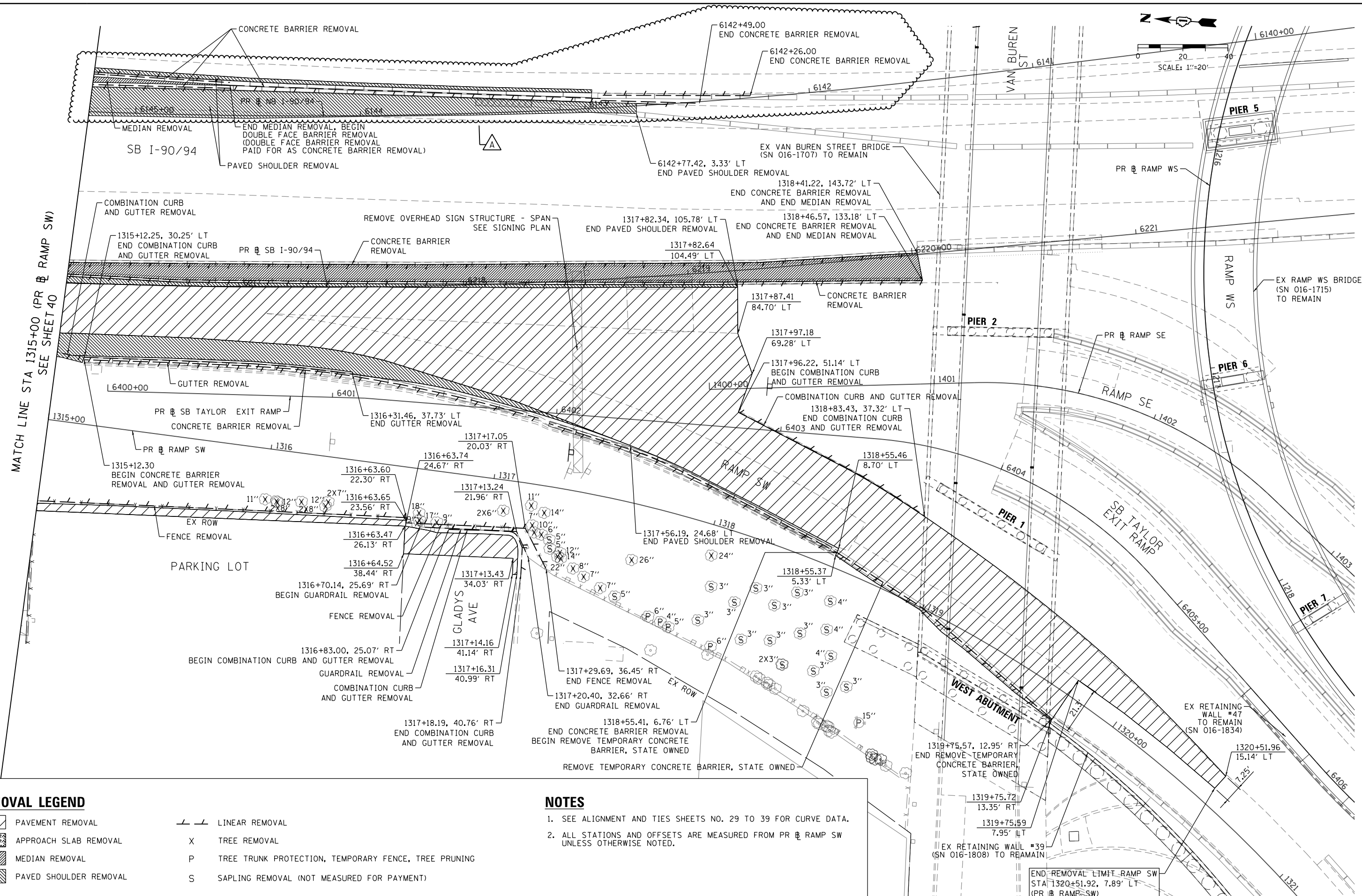
**REMOVAL PLAN
NB JACKSON ENTRANCE RAMP**

SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. 1310+00.00 TO STA. 1315+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	40
CONTRACT NO. 62J31				

ILLINOIS FED. AID PROJECT

FILE PATH = p:\VACOM\NA-NSI\ecomm\line\local\IACOM_DS02_NA_Documents\01_Americas\Transportation\60269938_Circle Phase II\000_CAD\006_Roadway\Sheets\62J31_Contract\DI62J31-SHT-Removal-02.dgn



REMOVAL LEGEND

- | | | | |
|--|------------------------|---|--|
| | PAVEMENT REMOVAL | | LINEAR REMOVAL |
| | APPROACH SLAB REMOVAL | X | TREE REMOVAL |
| | MEDIAN REMOVAL | P | TREE TRUNK PROTECTION, TEMPORARY FENCE, TREE PRUNING |
| | PAVED SHOULDER REMOVAL | S | SAPLING REMOVAL (NOT MEASURED FOR PAYMENT) |

NOTES

- SEE ALIGNMENT AND TIES SHEETS NO. 29 TO 39 FOR CURVE DATA.
- ALL STATIONS AND OFFSETS ARE MEASURED FROM PR @ RAMP SW UNLESS OTHERWISE NOTED.

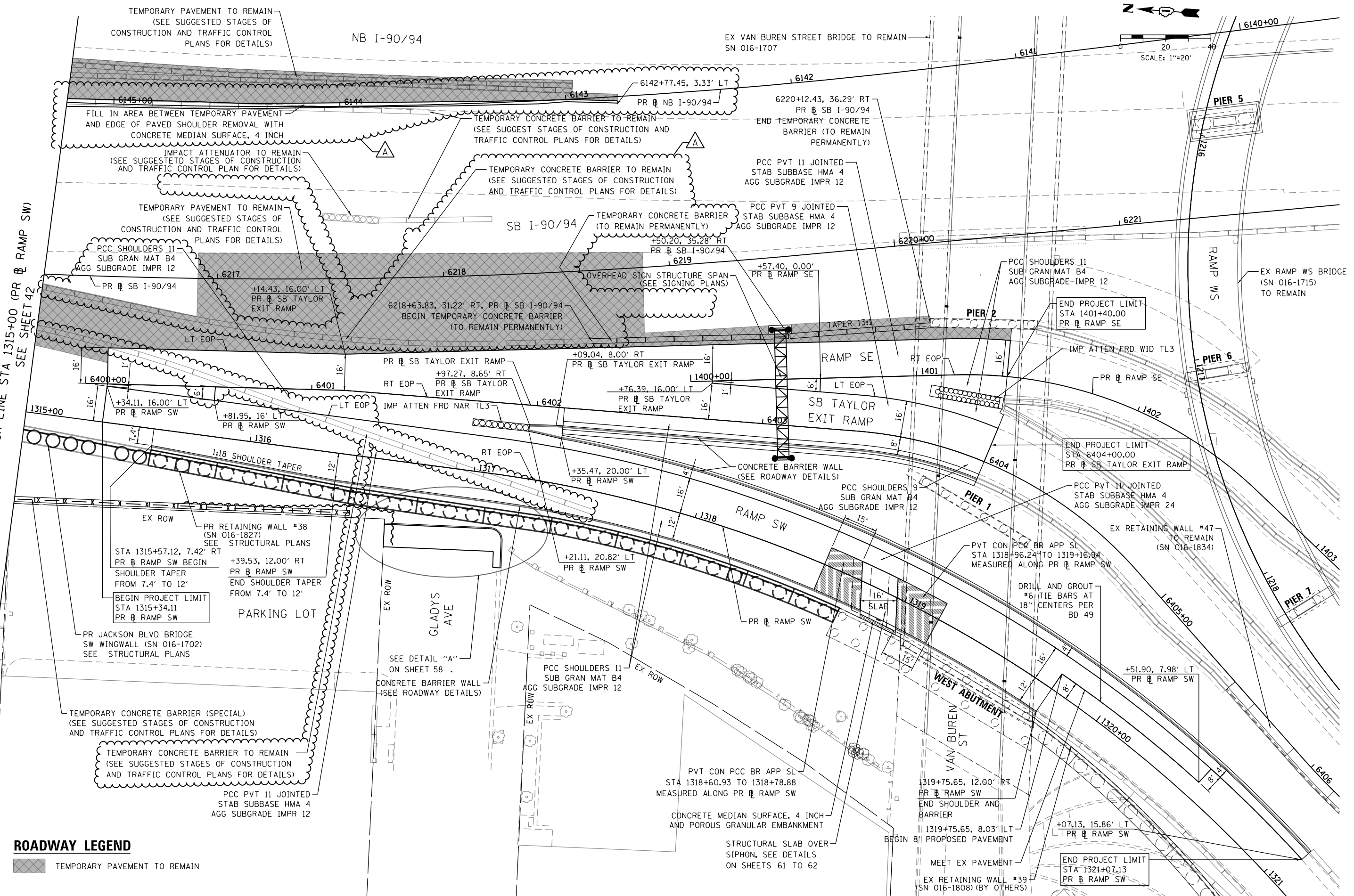
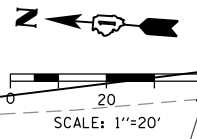


D162J31-SHT-Removal-02.dgn	DESIGNED - OPS	REVISED -	40/10/2019
USER NAME = andrew.eceron	DRAWN - ZND	REVISED -	
PLOT SCALE = 40.0000' / in.	CHECKED - MJE	REVISED -	
PLOT DATE = 10/18/2019	DATE - 8/16/2019	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN	
RAMP SW, RAMP SE AND SB TAYLOR EXIT RAMP	
SCALE: 1"=20'	SHEET 2 OF 2 SHEETS
STA. 1315+00.00	TO STA. 1320+51.92

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	41
CONTRACT NO. 62J31				
ILLINOIS FED. AID PROJECT				



FILE PATH: p:\VACOM\NA-A\SI\encom\line\local\IACOM_0502_NA.Documents\01_Americas\Transportation\60269938_Circle\Phase\I\000_CAD\006_Roadway_Sheets\62J31-SHT-PLAN-02.dgn

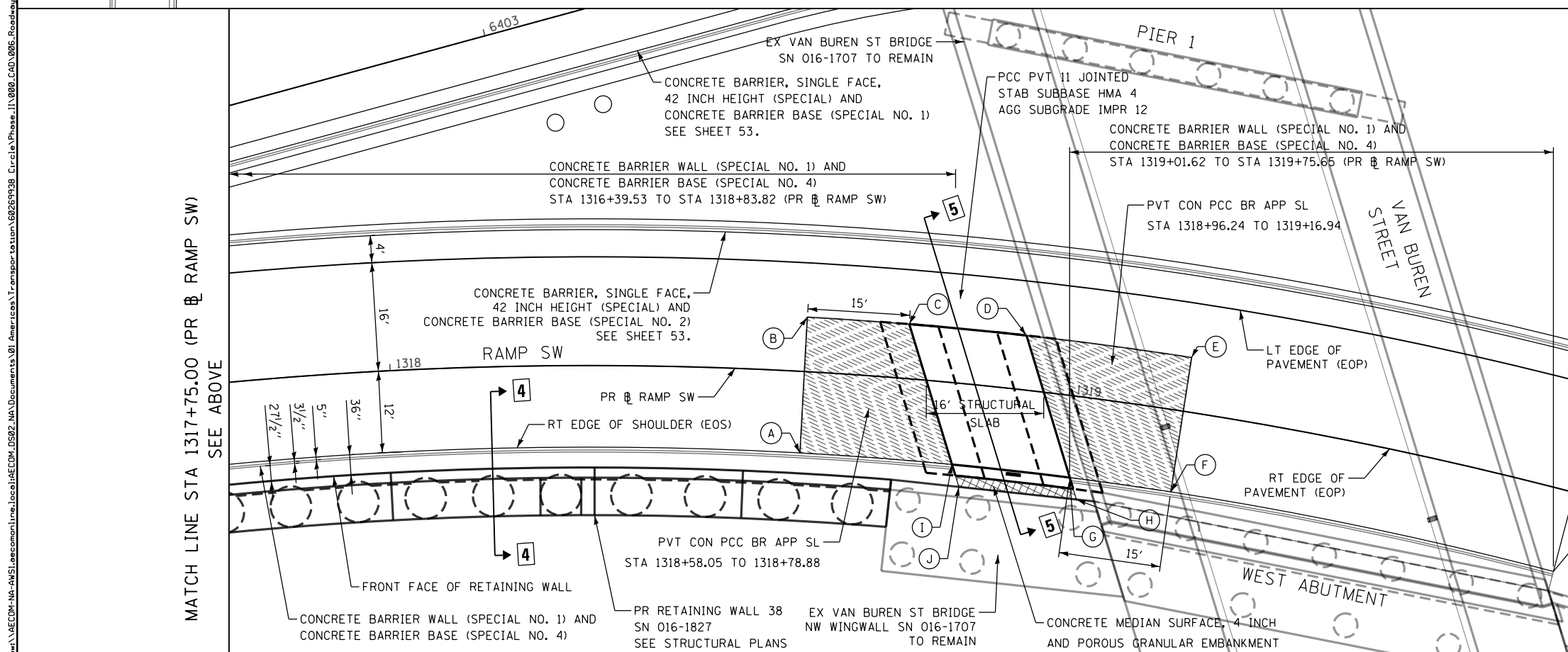
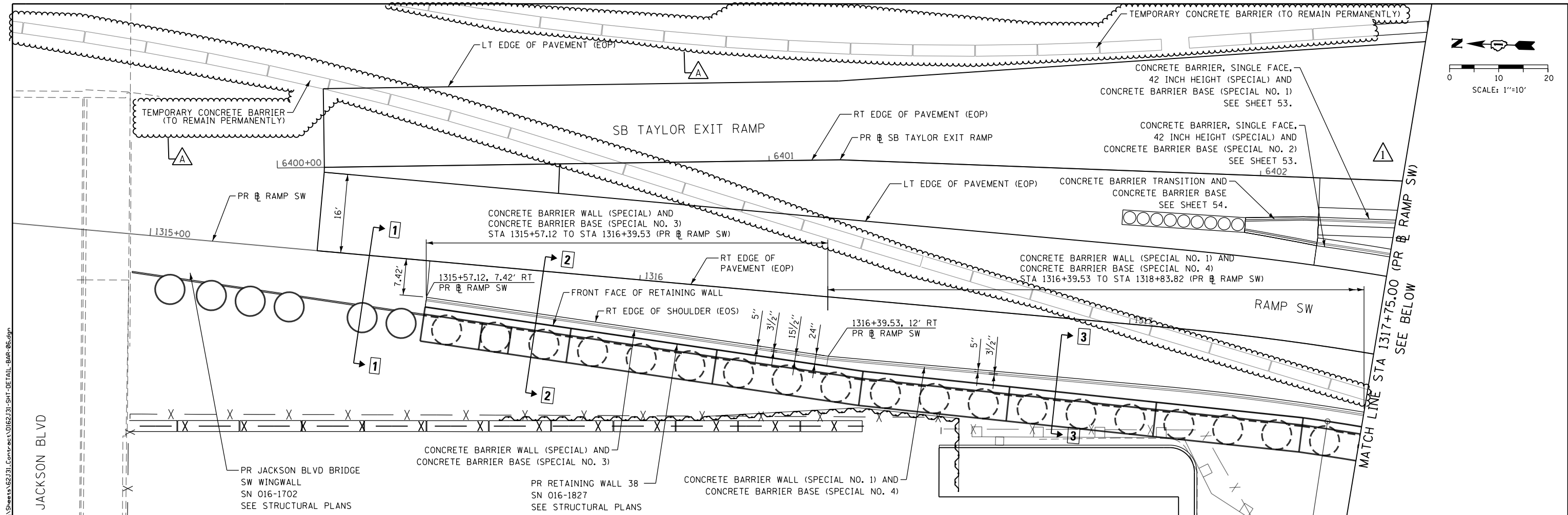
ROADWAY LEGEND
 [Hatched Box] TEMPORARY PAVEMENT TO REMAIN

D162J31-SHT-PLAN-02.dgn	DESIGNED - OPS	REVISED - Δ 10/10/2019
USER NAME = andrew.eceron	DRAWN - ZND	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - MJE	REVISED -
PLOT DATE = 10/18/2019	DATE - 8/16/2019	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN
RAMP SW, RAMP SE AND SB TAYLOR EXIT RAMP
 SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. 1315+00.00 TO STA. 1321+00.00

F.A.I. RTE. 90/94/290	SECTION 2019-054-I	COUNTY COOK	TOTAL SHEETS 400	SHEET NO. 43
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62J31	



POINT	STATION	OFFSET	LT/RT	BASELINE	DESCRIPTION
(A)	1318+60.93	12'	RT	RAMP SW	EDGE OF PVT CON PCC BR APP SL
(B)	1318+60.93	8'	LT	RAMP SW	EDGE OF PVT CON PCC BR APP SL
(C)	1318+75.71	8'	LT	RAMP SW	EDGE OF STRUCTURAL SLAB
(D)	1318+92.79	8'	LT	RAMP SW	EDGE OF STRUCTURAL SLAB
(E)	1319+16.94	8'	LT	RAMP SW	EDGE OF PVT CON PCC BR APP SL
(F)	1319+16.94	12'	RT	RAMP SW	EDGE OF PVT CON PCC BR APP SL
(G)	1319+01.62	12'	RT	RAMP SW	RT EOS, FACE OF PARAPET
(H)	1319+03.05	15.07'	RT	RAMP SW	BACK CONCRETE MEDIAN SURFACE
(I)	1318+83.82	12'	RT	RAMP SW	RT EOS, FACE OF PARAPET
(J)	1318+85.18	15.18'	RT	RAMP SW	BACK CONCRETE MEDIAN SURFACE

NOTE:

- UNLESS OTHERWISE NOTED, BARRIER MEASUREMENTS ARE MEASURED ALONG THE FRONT FACE OF BARRIER (EDGE OF SHOULDER).
- FOR SECTIONS 1-1, 2-2, 3-3, 4-4 AND 5-5, SEE SHEET 57.



D162J31-SHT-DETAIL-BAR-06.dgn	DESIGNED - OPS	REVISED - A 10/10/2019
USER NAME = andrew.eceron	DRAWN - OPS/ZND	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJJ	REVISED -
PLOT DATE = 10/18/2019	DATE - 8/16/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONCRETE BARRIER DETAILS
CONCRETE BARRIER ALONG
PROPOSED RETAINING WALL 38

SCALE: NONE SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2019-054-I	COUNTY COOK	TOTAL SHEETS 400	SHEET NO. 56
CONTRACT NO. 62J31				
ILLINOIS FED. AID PROJECT				

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL SCHEDULE

SHEET	SO YD	SO YD	SO YD	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	SO FT	EACH	FOOT	SO FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
	SUBBASE GRANULAR MATERIAL, TYPE B 4"	PAVEMENT REMOVAL	PROTECTIVE COAT	TEMPORARY PAVEMENT MARKING - LINE 4"	TEMPORARY PAVEMENT MARKING - LINE 6"	PAVEMENT MARKING TAPE, TYPE III 4"	PAVEMENT MARKING TAPE, TYPE III 12"	PAVEMENT MARKING TAPE, TYPE III 24"	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW, TEST LEVEL 3)	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, WIDE, TEST LEVEL 3)	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW, TEST LEVEL 3)	IMPACT ATTENUATORS, RELOCATE (SEVERE USE, TEST LEVEL 3)	SIGN PANEL OVERLAY	BARRIER WALL, REFLECTORS, TYPE C	TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)	PAVEMENT MARKING REMOVAL - WATER BLASTING	TEMPORARY EPOXY PAVEMENT MARKING - LINE 4"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 5"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 8"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 12"	TEMPORARY CONCRETE BARRIER (SPECIAL)		
STAGE 1 - 01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STAGE 1 - 02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STAGE 1 - 03	114	0	114	0	963	0	0	0	963	0	2	0	0	0	0	77	0	1441	700	0	1148	122	0	0	
STAGE 1 - 04	1305	0	1305	0	700	0	0	0	700	0	0	0	0	0	56	0	683	1744	0	150	12	0	0	0	
STAGE 2 - 01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STAGE 2 - 02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STAGE 2 - 03	970	0	2575	0	1813	0	0	0	600	413	0	0	1	0	56	0	89	21	0	561	49	0	0	0	
STAGE 2 - 04	127	0	264	0	1413	0	0	0	275	1025	0	2	0	0	88	145	800	3518	2513	1132	2791	31	0	0	
STAGE 3 - 01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STAGE 3 - 02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STAGE 3 - 03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STAGE 3 - 04	0	639	0	0	1038	0	0	0	0	513	0	0	0	0	0	83	425	1108	1054	0	1017	79	0	0	
RAMP SE / SB TAYLOR EXIT RAMP - 01	0	0	0	0	413	0	0	0	0	525	0	0	0	0	0	56	175	878	1771	0	132	5	0	0	
RAMP SE / SB TAYLOR EXIT RAMP - 02	0	0	0	0	125	0	0	0	0	0	0	0	0	0	0	10	125	659	1693	0	1172	97	0	0	
JACKSON BOULEVARD - WEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	75	0	0	0	0	0	0	275	
JACKSON BOULEVARD - EAST	0	0	0	52	75	221	38	12	0	0	0	0	0	0	0	6	75	0	0	0	0	0	0	0	
DETOUR - JACKSON BOULEVARD (ROADWAY)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DETOUR - JACKSON BOULEVARD (SOUTHBOUND I-90/94 EXIT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DETOUR - JACKSON BOULEVARD (PEDESTRIAN)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DETOUR - JACKSON BOULEVARD (BICYCLE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	2516	639	4258	52	7313	221	38	12	2537.5	2575	2	2	2	1	144	607	2200	10331	12292	1771	8826	637	275		
ALLOWANCE	378	96	639	8	1097	34	6	2	387.5	387.5	1	1	1	1	22	92	337.5	1550	1844	266	1324	96	42		
TOTALS WITH ALLOWANCE	2894	735	4897	60	8410	255	44	14	2925.0	2962.5	3	3	3	2	166	699	2537.5	11881	14136	2037	10150	733	317		

SHEET	EACH	SO FT	SO YD	TON	SO YD	SO FT	EACH
	PINNING TEMPORARY CONCRETE BARRIER	TEMPORARY INFORMATION SIGNING	TEMPORARY PAVEMENT	AGGREGATE FOR TEMPORARY ACCESS	SUBBASE GRANULAR MATERIAL, TYPE B 8"	REMOVE SIGN PANEL - TYPE 3	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
STAGE 1 - 01	0	0	0	0	0	0	0
STAGE 1 - 02	0	0	0	0	0	0	0
STAGE 1 - 03	195	0	114	0	0	0	0
STAGE 1 - 04	96	0	1305	0	0	0	0
STAGE 2 - 01	0	0	0	0	0	0	0
STAGE 2 - 02	0	0	0	0	0	0	0
STAGE 2 - 03	300	297	2575	0	1605	539	1
STAGE 2 - 04	228	0	264	0	137	0	0
STAGE 3 - 01	0	0	0	0	0	0	0
STAGE 3 - 02	0	0	0	0	0	0	0
STAGE 3 - 03	213	0	0	0	0	0	0
STAGE 3 - 04	12	0	0	0	0	0	0
RAMP SE / SB TAYLOR EXIT RAMP - 01	99	0	0	0	0	0	0
RAMP SE / SB TAYLOR EXIT RAMP - 02	30	0	0	0	0	0	0
JACKSON BOULEVARD - WEST	0	78	0	0	0	0	0
JACKSON BOULEVARD - EAST	0	0	0	0	0	0	0
DETOUR - JACKSON BOULEVARD (ROADWAY)	0	45	0	0	0	0	0
DETOUR - JACKSON BOULEVARD (SOUTHBOUND I-90/94 EXIT)	0	27	0	0	0	0	0
DETOUR - JACKSON BOULEVARD (PEDESTRIAN)	0	33	0	0	0	0	0
DETOUR - JACKSON BOULEVARD (BICYCLE)	0	33	0	0	0	0	0
TOTAL	1173	513	4258	0	1742	539	4
ALLOWANCE	176	77	639	0	262	81	1
TOTALS WITH ALLOWANCE	1349	590	4897	100	2004	620	5

FILE PATH = p:\VA\ECOM\NA-A\SI\encom\line\local\ECOM_DS02_NA\Documents\01_Americas\Transportation\60269938_Circle Phase I\1000_CAD\006_Roadway\Sheets\62J31_Contract\162J31-sht-Staging-Schedule-01.dgn



D162J31-sht-Staging-Schedule-01.dgn
 USER NAME = andrew.eceron
 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 10/18/2019

DESIGNED - PHP
 DRAWN - PHP
 CHECKED - MJE
 DATE - 8/16/2019

REVISED - 10/10/2019
 REVISED -
 REVISED -
 REVISED -

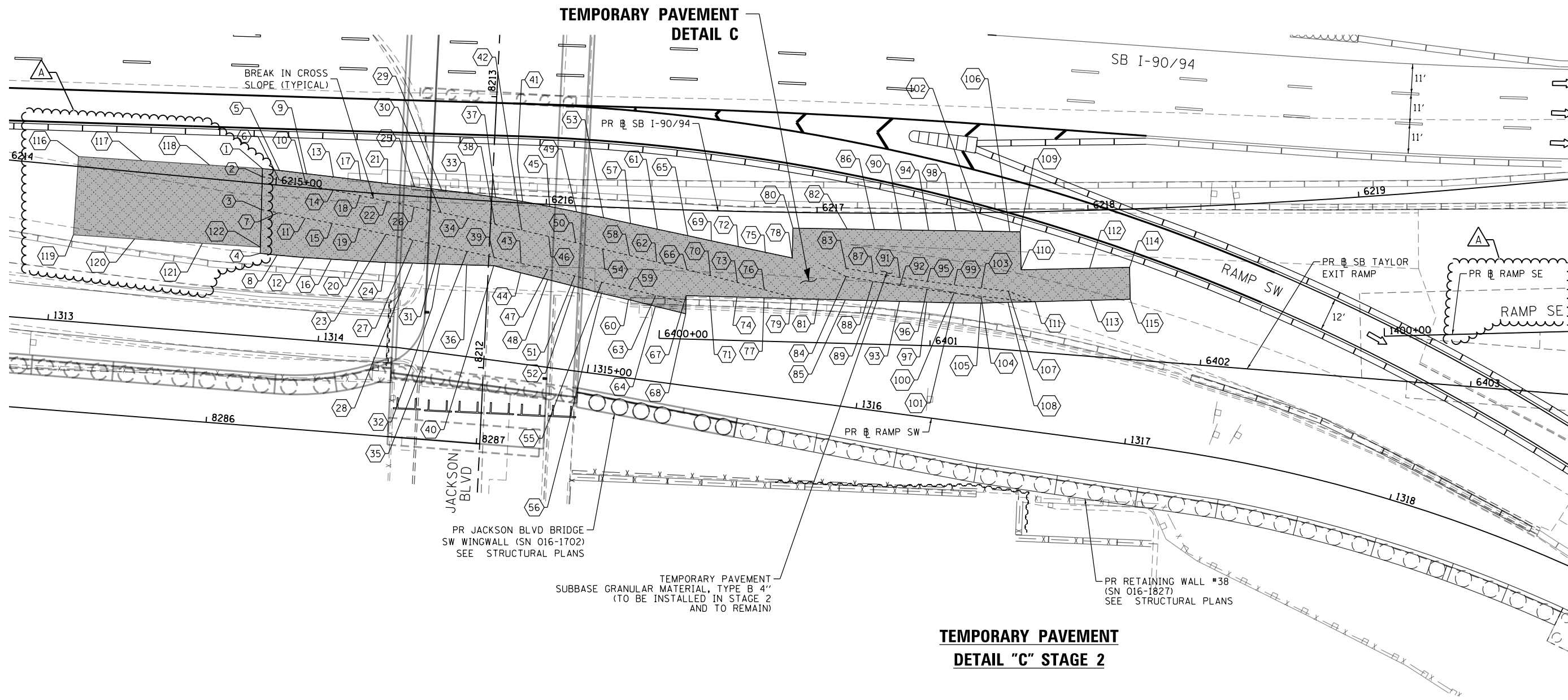
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND
 TRAFFIC CONTROL - SCHEDULE**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	64
CONTRACT NO. 62J31				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\V\AECOM\NA-AWS\leecomon\local\AECOM_DS02_NA\Documents\01_Americas\Transportation\60269938_Circle Phase\11000_CAD\006_Roadway\Sheets\62J31_Contract\162J31-SHT-Staging-Temp-Pavement-02.dgn



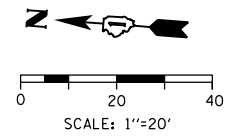
**TEMPORARY PAVEMENT
DETAIL C**

**TEMPORARY PAVEMENT
DETAIL "C" STAGE 2**

LEGEND:

- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT TO REMAIN

NOTE:
FOR TEMPORARY PAVEMENT LAYOUT DETAIL
SEE SHEET NO. 75



D162J31-SHT-Staging-Temp-Pavement-02.dgn
 USER NAME = andrew.aceron
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 10/18/2019

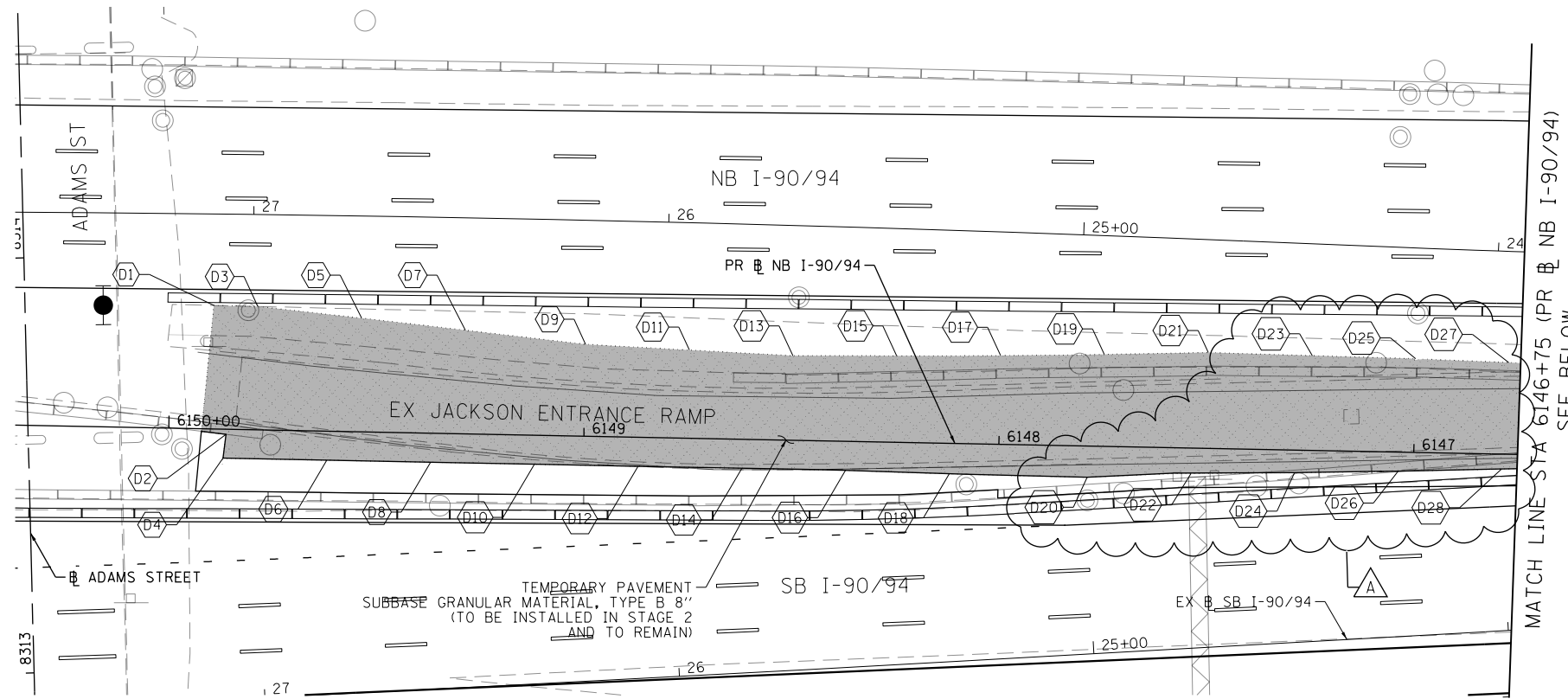
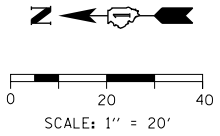
DESIGNED - PHP	REVISED - 10/10/2019
DRAWN - PHP	REVISED -
CHECKED - MJE	REVISED -
DATE - 8/16/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
TEMPORARY PAVEMENT DETAIL "B" (STAGE 2)
 SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 1313+80 TO STA. 1320+40

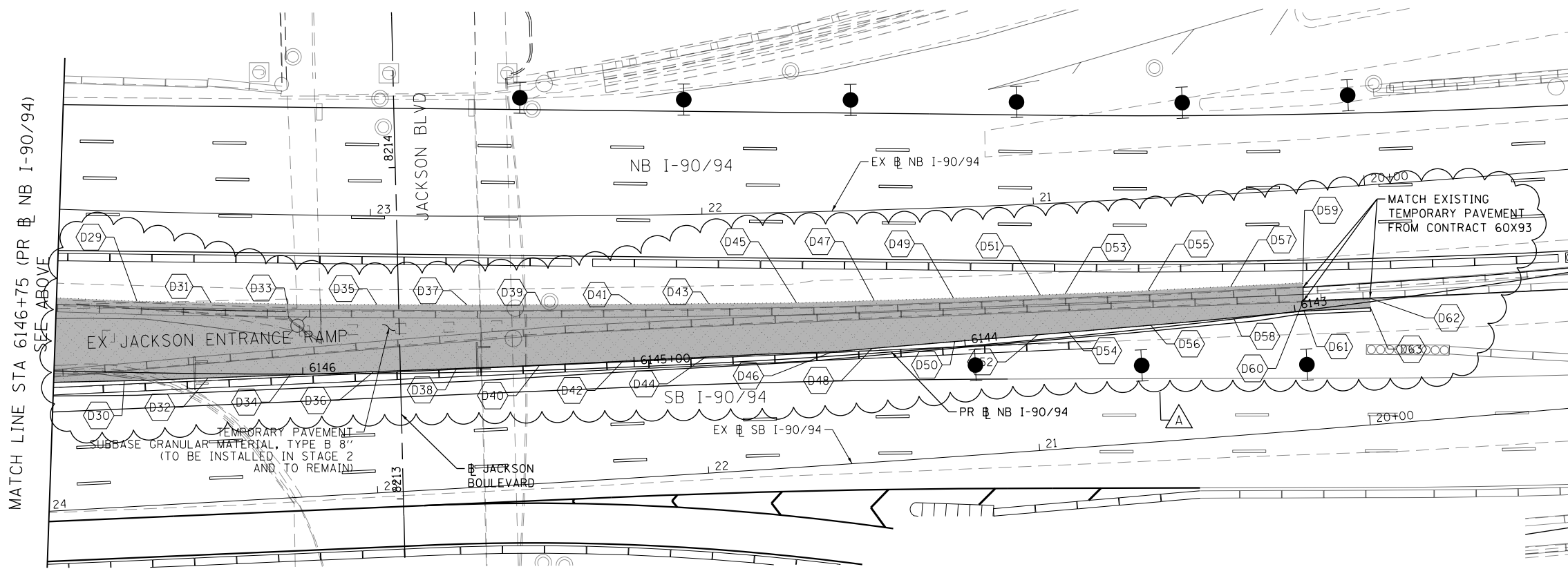
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	74
CONTRACT NO. 62J31				
ILLINOIS FED. AID PROJECT				

REV. 10/29/19



LEGEND
 (XXX.XX) EXISTING ELEVATION (CONTRACTOR SHALL VERIFY AND MATCH EXISTING AND PROPOSED ELEVATIONS).

POINT	STATION	OFFSET	LT/RT	BASELINE	ELEV
D1	6149+89.74	29.75'	RT	P-KDR-NB	(577.61)
D2	6149+86.22	1.25'	LT	P-KDR-NB	577.11
D3	6149+79.12	29.71'	RT	P-KDR-NB	(577.50)
D4	6149+86.82	7.00'	LT	P-KDR-NB	577.02
D5	6149+54.07	27.39'	RT	P-KDR-NB	(577.22)
D6	6149+61.81	7.00'	LT	P-KDR-NB	576.78
D7	6149+29.02	24.97'	RT	P-KDR-NB	(576.86)
D8	6149+36.81	7.00'	LT	P-KDR-NB	576.48
D9	6149+00.00	22.14'	RT	P-KDR-NB	(576.44)
D10	6149+11.80	7.00'	LT	P-KDR-NB	576.17
D11	6148+74.98	21.24'	RT	P-KDR-NB	(576.14)
D12	6148+86.80	7.00'	LT	P-KDR-NB	575.84
D13	6148+50.00	20.35'	RT	P-KDR-NB	(575.88)
D14	6148+61.80	7.00'	LT	P-KDR-NB	575.57
D15	6148+25.00	20.82'	RT	P-KDR-NB	(575.64)
D16	6148+36.79	7.00'	LT	P-KDR-NB	575.34
D17	6148+00.01	21.44'	RT	P-KDR-NB	(575.45)
D18	6148+11.78	7.34'	LT	P-KDR-NB	575.11
D19	6147+75.02	22.14'	RT	P-KDR-NB	(575.29)
D20	6147+78.57	7.54'	LT	P-KDR-NB	574.83
D21	6147+50.00	23.08'	RT	P-KDR-NB	(575.25)
D22	6147+53.60	6.14'	LT	P-KDR-NB	574.82
D23	6147+24.93	22.82'	RT	P-KDR-NB	(575.19)
D24	6147+28.65	5.47'	LT	P-KDR-NB	574.78
D25	6147+00.00	22.56'	RT	P-KDR-NB	(575.11)
D26	6147+03.69	4.60'	LT	P-KDR-NB	574.70
D27	6146+77.57	22.09'	RT	P-KDR-NB	(575.16)
D28	6146+78.75	3.60'	RT	P-KDR-NB	574.77
D29	6146+50.44	21.51'	RT	P-KDR-NB	(575.27)
D30	6146+53.81	2.60'	LT	P-KDR-NB	574.89
D31	6146+27.87	21.44'	RT	P-KDR-NB	(575.40)
D32	6146+28.52	1.34'	LT	P-KDR-NB	575.05
D33	6146+04.61	21.15'	RT	P-KDR-NB	(575.56)
D34	6146+03.88	0.26'	LT	P-KDR-NB	575.25
D35	6145+77.41	20.83'	RT	P-KDR-NB	(575.77)
D36	6145+78.66	0.58'	RT	P-KDR-NB	575.46
D37	6145+50.00	20.27'	RT	P-KDR-NB	(575.99)
D38	6145+53.63	1.16'	RT	P-KDR-NB	575.67
D39	6145+27.43	19.80'	RT	P-KDR-NB	(576.18)
D40	6145+28.47	1.57'	RT	P-KDR-NB	575.90
D41	6145+00.00	18.95'	RT	P-KDR-NB	(576.55)
D42	6145+03.42	1.87'	RT	P-KDR-NB	576.26
D43	6144+76.65	18.05'	RT	P-KDR-NB	(576.78)
D44	6144+78.34	2.02'	RT	P-KDR-NB	576.53
D45	6144+50.00	16.75'	RT	P-KDR-NB	(577.02)
D46	6144+40.18	1.31'	RT	P-KDR-NB	576.89
D47	6144+26.38	15.85'	RT	P-KDR-NB	(577.21)
D48	6144+28.14	1.46'	RT	P-KDR-NB	576.98
D49	6144+02.34	14.71'	RT	P-KDR-NB	(577.40)
D50	6144+03.07	1.59'	RT	P-KDR-NB	577.20
D51	6143+76.05	13.38'	RT	P-KDR-NB	(577.49)
D52	6143+77.84	1.46'	RT	P-KDR-NB	577.51
D53	6143+68.48	12.95'	RT	P-KDR-NB	(577.50)
D54	6143+68.63	1.34'	RT	P-KDR-NB	577.33
D55	6143+43.40	11.43'	RT	P-KDR-NB	(577.54)
D56	6143+43.63	0.88'	RT	P-KDR-NB	577.38
D57	6143+18.34	9.88'	RT	P-KDR-NB	(577.51)
D58	6143+18.63	0.33'	RT	P-KDR-NB	577.37
D59	6142+96.62	8.38'	RT	P-KDR-NB	(577.48)
D60	6142+97.21	2.80'	RT	P-KDR-NB	(577.53)
D61	6142+97.29	0.21'	LT	P-KDR-NB	577.48
D62	6142+77.07	1.09'	RT	P-KDR-NB	(577.43)
D63	6142+77.32	1.84'	LT	P-KDR-NB	577.39



**TEMPORARY PAVEMENT
 DETAIL "D" STAGE 2**

FILE PATH = p:\V\ECOM\NH-NW\Staging\Temp-Pavement-03.dgn
 USER NAME = CEComn
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 10/7/2019

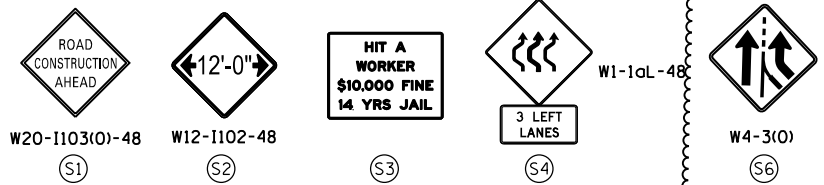


DESIGNED - MJL	REVISED - A 10/10/2019
DRAWN - JRM	REVISED -
CHECKED - JMG	REVISED -
DATE - 8/16/2019	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

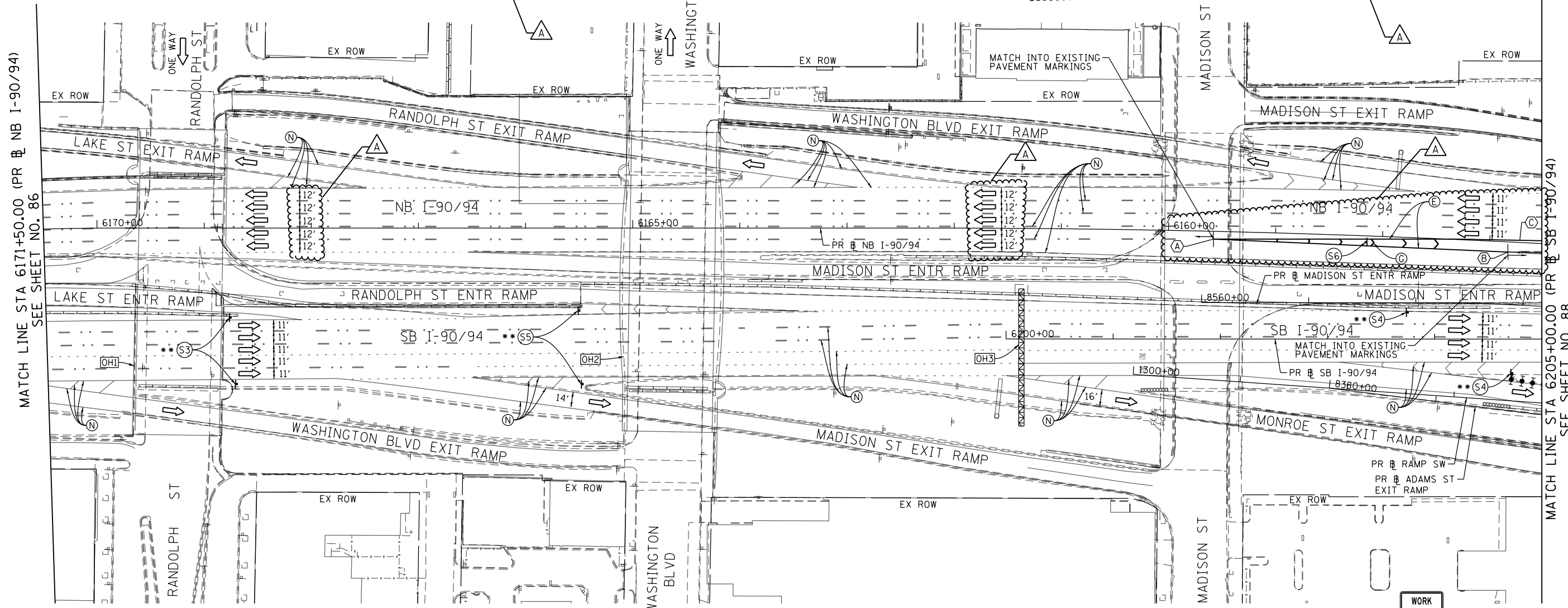
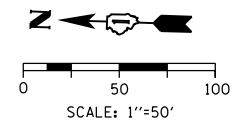
**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
 TEMPORARY PAVEMENT DETAIL (STAGE 2)**
 SCALE: 1"=20' SHEET 4 OF 4 SHEETS STA. 20+00 TO STA. 28+00

F.A.I. RTE. 90/94/290	SECTION 2019-054-I	COUNTY COOK	TOTAL SHEETS 400	SHEET NO. 76
CONTRACT NO. 62J31			ILLINOIS FED. AID PROJECT	



TRAFFIC CONTROL LAYOUT INFORMATION (NB)					
POINT		STATION	OFFSET	LT/RT	BASELINE
A	POT	6159+57.83	7.23'	LT	P-KDR-NB
B	POT	6156+82.53	9.51'	LT	P-KDR-NB
C	PT	6156+72.06	2.01'	RT	P-KDR-NB

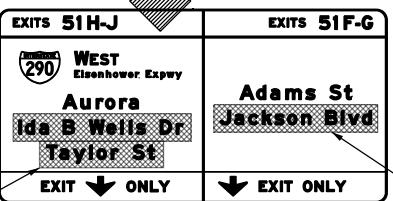
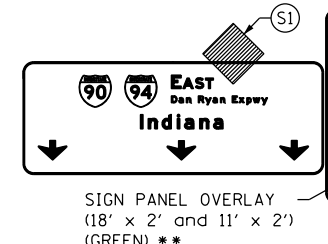
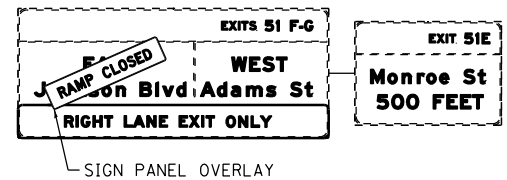
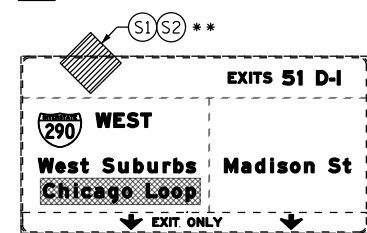
POINT LOCATION



[OH1] EXISTING OVERHEAD SIGN

[OH2] EXISTING OVERHEAD SIGNS

[OH3] PROPOSED OVERHEAD SIGNS (INSTALLED BY CONTRACT 60X93)



W21-1115(O)-3618
R2-1-3648
R10-1108P-3618
R2-1106P-3618
S5

LEGEND

	WORK ZONE		TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
	TEMPORARY CONCRETE BARRIER		DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
	TEMPORARY IMPACT ATTENUATOR		TEMPORARY PAVEMENT
	TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION	*	FROM PREVIOUS STAGE TO REMAIN
	DIRECTION OF TRAFFIC FLOW	**	FROM CONTRACT 60X93 TO REMAIN
	TYPE III BARRICADE	***	FROM CONTRACT 60X79 TO REMAIN
	ARROW BOARD	****	FROM CONTRACT 62A76
	SIGN		

PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

(A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)	(F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)	(J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
(B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)	(G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)	(K) PINNING TEMPORARY CONCRETE BARRIER
(C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)	(H) TEMP EPOXY PVT MK LETTERS AND SYMBOLS	(L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
(D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)	(I) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED	(M) IMPACT ATTENUATOR, RELOCATE
(E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)		(N) EXISTING PAVEMENT MARKING



D162J31-SHT-Staging-ML2-02.dgn
USER NAME = andrew.aceron
PLOT SCALE = 100.0000' / in.
PLOT DATE = 10/18/2019

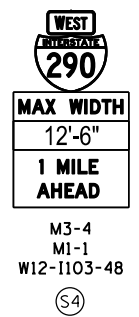
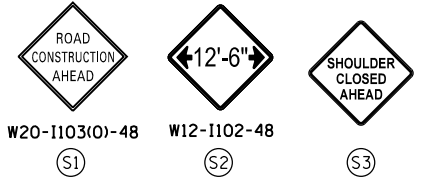
DESIGNED - PHP	REVISED - 10/10/2019
DRAWN - PHP	REVISED -
CHECKED - MJE	REVISED -
DATE - 8/16/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
STAGE 2
SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 6171+50(NB) TO STA. 6205+00(SB)

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	87

CONTRACT NO. 62J31
ILLINOIS FED. AID PROJECT

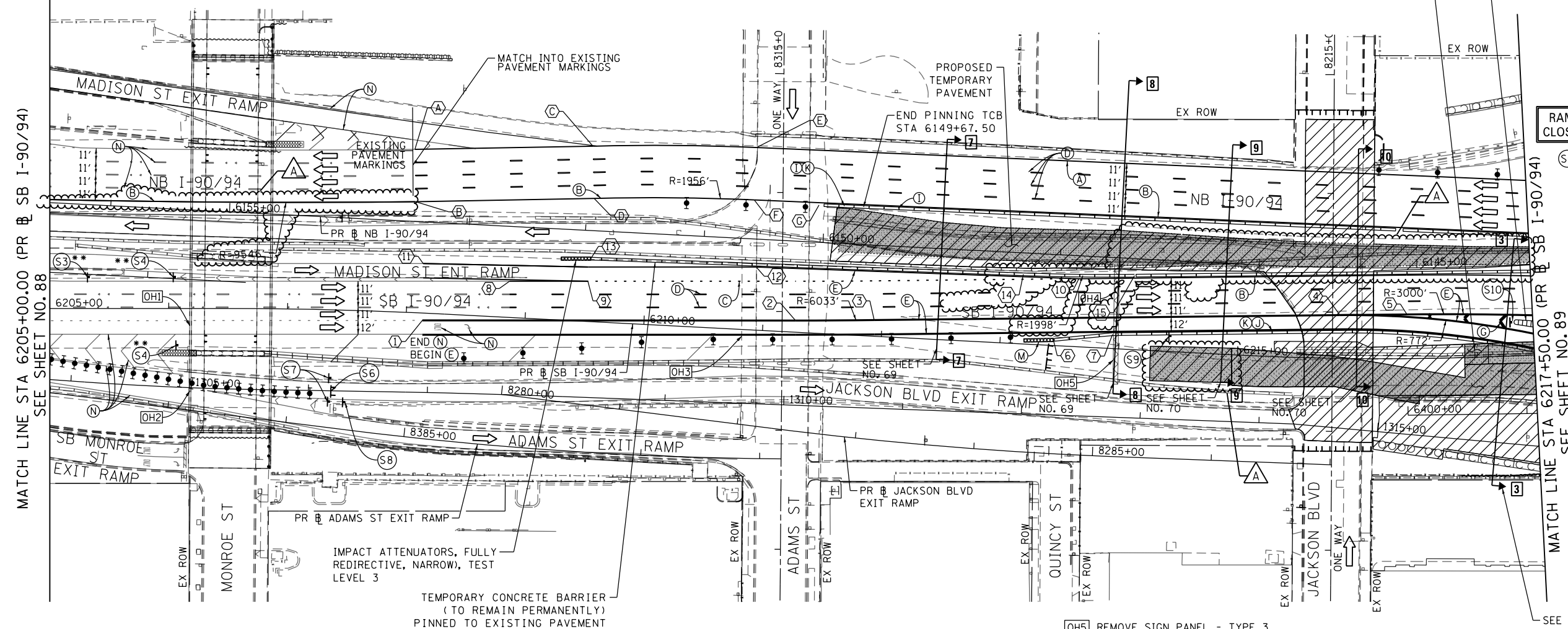
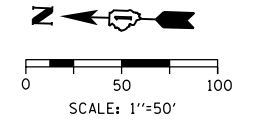


TRAFFIC CONTROL LAYOUT INFORMATION (SB)

POINT		STATION	OFFSET	LT/RT	BASELINE
1	POT	6208+13.79	6.21'	RT	P-KDR-SB
2	PT	6214+10.19	62.24'	LT	P-KDR-SB
3		6211+93.39	13.63'	LT	P-KDR-SB
4	POT/PC	6215+85.68	36.44'	LT	P-KDR-SB
5	PC	6216+43.01	37.27'	LT	P-KDR-SB
6		6213+44.82	4.71'	LT	P-KDR-SB
7		6213+94.26	12.15'	LT	P-KDR-SB
8		6208+85.36	30.46'	LT	P-KDR-SB

TRAFFIC CONTROL LAYOUT INFORMATION (SB)

POINT		STATION	OFFSET	LT/RT	BASELINE
9		6209+51.09	33.84'	LT	P-KDR-SB
10		6213+63.53	57.32'	LT	P-KDR-SB
11		6208+12.29	41.57'	LT	P-KDR-SB
12	PI	6210+91.98	53.11'	LT	P-KDR-SB
13		6209+52.62	52.95'	LT	P-KDR-SB
14	PC	6213+16.63	58.60'	LT	P-KDR-SB
15	PT	6214+10.19	62.24'	LT	P-KDR-SB
16		6214+19.69	71.61'	LT	P-KDR-SB



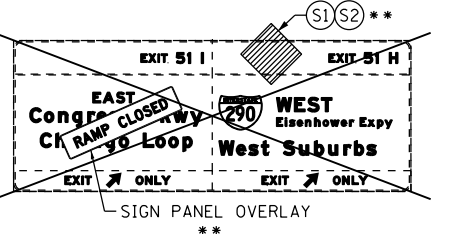
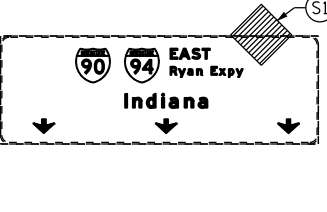
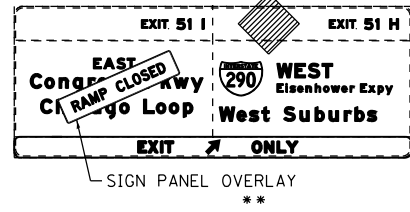
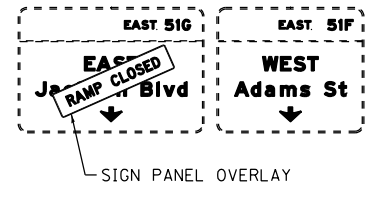
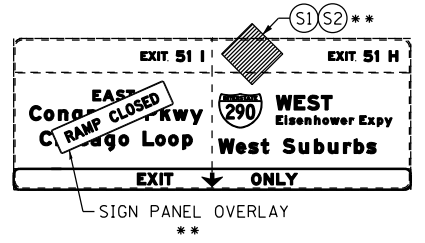
[OH1] EXISTING OVERHEAD SIGN TO REMAIN

[OH2] EXISTING OVERHEAD SIGNS TO REMAIN

[OH3] EXISTING OVERHEAD SIGNS TO REMAIN

[OH4] EXISTING OVERHEAD SIGN

[OH5] REMOVE SIGN PANEL - TYPE 3
INSTALL TEMPORARY INFORMATION SIGNING
SIGN SB-TIS-01 WITH THE DOWN ARROW
POINTING OVER LANE 4



TRAFFIC CONTROL LAYOUT INFORMATION (NB)

POINT		STATION	OFFSET	LT/RT	BASELINE
A	POT	6153+46.97	60.55'	RT	P-KDR-NB
B	POT	6153+43.91	16.65'	RT	P-KDR-NB
C	PT	6151+97.48	70.99'	RT	P-KDR-NB
D	PT	6151+94.24	27.11'	RT	P-KDR-NB
E	PC	6150+60.02	76.94'	RT	P-KDR-NB
F	PC	6150+59.63	32.94'	RT	P-KDR-NB
G		6150+05.00	31.40'	RT	P-KDR-NB

SIGN SB-TIS-01



LEGEND

- [Hatched Box] WORK ZONE
- [Dashed Line] TEMPORARY CONCRETE BARRIER
- [Dotted Line] TEMPORARY IMPACT ATTENUATOR
- [Wavy Line] TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- [Arrow] DIRECTION OF TRAFFIC FLOW
- [Type III Barricade] TYPE III BARRICADE
- [Arrow Board] ARROW BOARD
- [Sign] SIGN
- [Type II Barricade] TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- [Directional Indicator] DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- [Temporary Pavement] TEMPORARY PAVEMENT
- [Star] FROM PREVIOUS STAGE TO REMAIN
- [Double Star] FROM CONTRACT 60X93 TO REMAIN
- [Triple Star] FROM CONTRACT 60X79 TO REMAIN

PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (H) TEMP EPOXY PVT MK LETTERS AND SYMBOLS
- (I) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) PINNING TEMPORARY CONCRETE BARRIER
- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (M) IMPACT ATTENUATOR, RELOCATE
- (N) EXISTING PAVEMENT MARKING



D:\62J31-SHT-Staging-ML2-03.dgn
USER NAME = andrew.aceron
PLOT SCALE = 100.0000' / in.
PLOT DATE = 10/18/2019

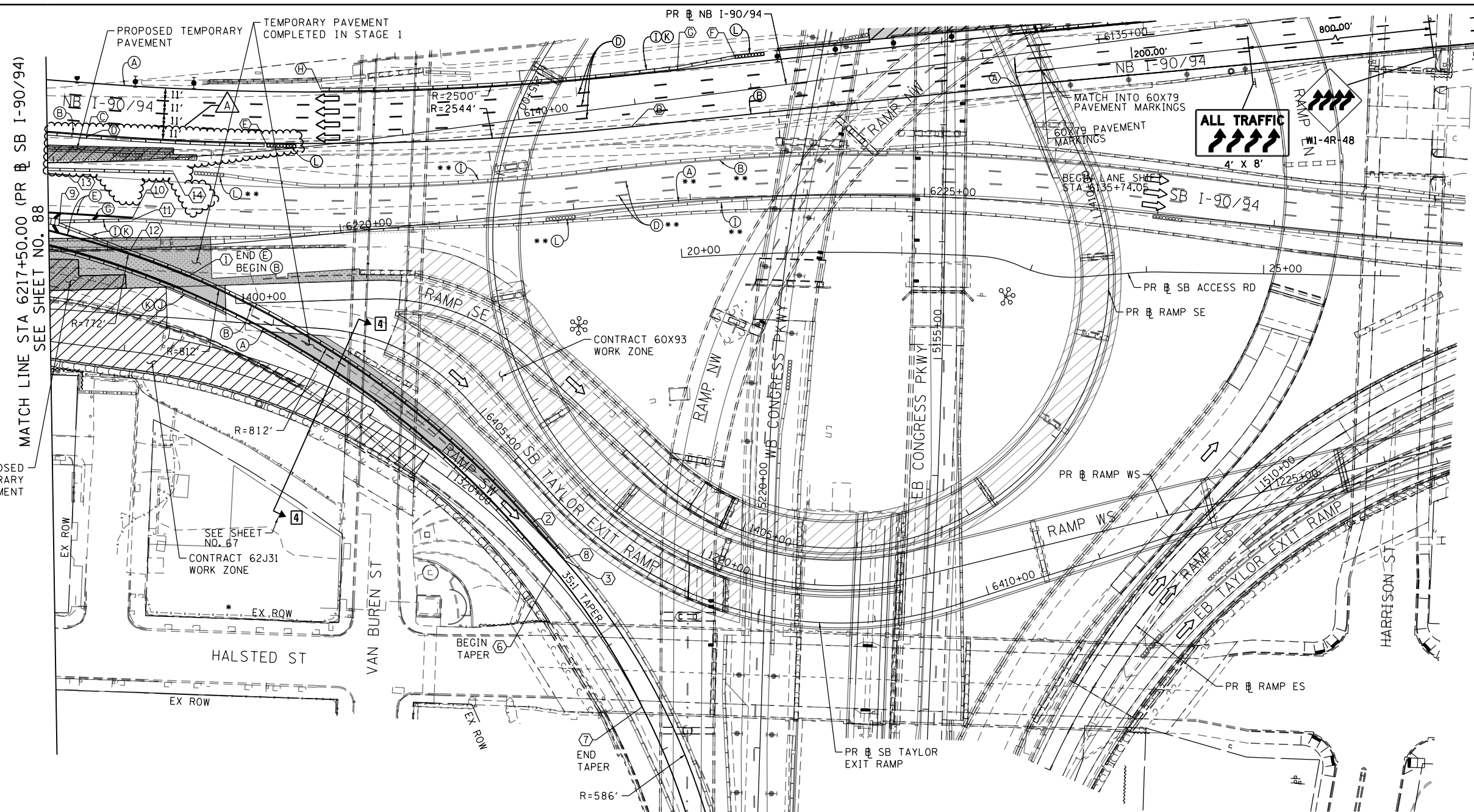
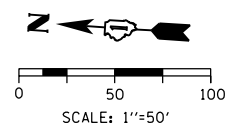
DESIGNED - PHP	REVISED - 10/10/2019
DRAWN - PHP	REVISED -
CHECKED - MJE	REVISED -
DATE - 8/16/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
STAGE 2
SCALE: 1"=50' SHEET 3 OF 4 SHEETS STA. 6205+00(SB) TO STA. 6217+50(SB)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	88

CONTRACT NO. 62J31
ILLINOIS FED. AID PROJECT



TRAFFIC CONTROL LAYOUT INFORMATION (SB)

POINT		STATION	OFFSET	LT/RT	BASELINE
1	PCC	6218+67.49	25.88'	RT	P-KDR-SB
2	PT	1320+79.12	17.49'	LT	P-CIR-SW
3	PC	1321+19.65	16.00'	LT	P-CIR-SW
4	POC	1324+18.48	16.00'	LT	P-CIR-SW
5	PT	1325+39.06	16.00'	LT	P-CIR-SW
6	POC	1321+19.65	4.01'	LT	P-CIR-SW
7	POC	1322+59.45	0.0'	-	P-CIR-SW
8		1321+19.73	18.00'	LT	P-CIR-SW
9		6217+59.26	25.54'	LT	P-KDR-SB
10		6218+22.62	26.75'	LT	P-KDR-SB
11		6218+22.40	24.76'	LT	P-KDR-SB
12		6218+18.69	1.96'	RT	P-KDR-SB
13		6217+67.24	65.23'	LT	P-KDR-SB
14		6218+60.00	63.75'	LT	P-KDR-SB

TRAFFIC CONTROL LAYOUT INFORMATION (NB)

POINT		STATION	OFFSET	LT/RT	BASELINE
A	POT	6135+74.32	26.95'	LT	P-KDR-NB
B	PC	6139+05.77	18.64'	LT	P-KDR-NB
C	PT	6143+70.73	23.11'	RT	P-KDR-NB
D		6143+70.95	21.13'	RT	P-KDR-NB
E		6142+16.61	4.49'	RT	P-KDR-NB
F		6138+70.70	29.15'	RT	P-KDR-NB
G		6138+60.00	26.23'	RT	P-KDR-NB
H		6141+65.38	47.14'	RT	P-KDR-NB

○ POINT LOCATION

LEGEND

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- ARROW BOARD
- SIGN
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY PAVEMENT
- FROM PREVIOUS STAGE TO REMAIN
- FROM CONTRACT 60X93 TO REMAIN
- FROM CONTRACT 60X79 TO REMAIN
- FROM CONTRACT 62A76

PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (H) TEMP EPOXY PVT MK LETTERS AND SYMBOLS
- (I) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) PINNING TEMPORARY CONCRETE BARRIER
- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (M) IMPACT ATTENUATOR, RELOCATE
- (N) EXISTING PAVEMENT MARKING

FILE PATH = p:\VACOM\NA-ANSI\ecmon\line\local\AECOM_DS02_NA\Documents\01_Americas\Transportation\60269938_Circle Phase II\000_CAD\006_Roadway\Sheets\62J31_Contract\162J31-SHT-5-Stage-ML2-04.dgn

AECOM **TransSystems**

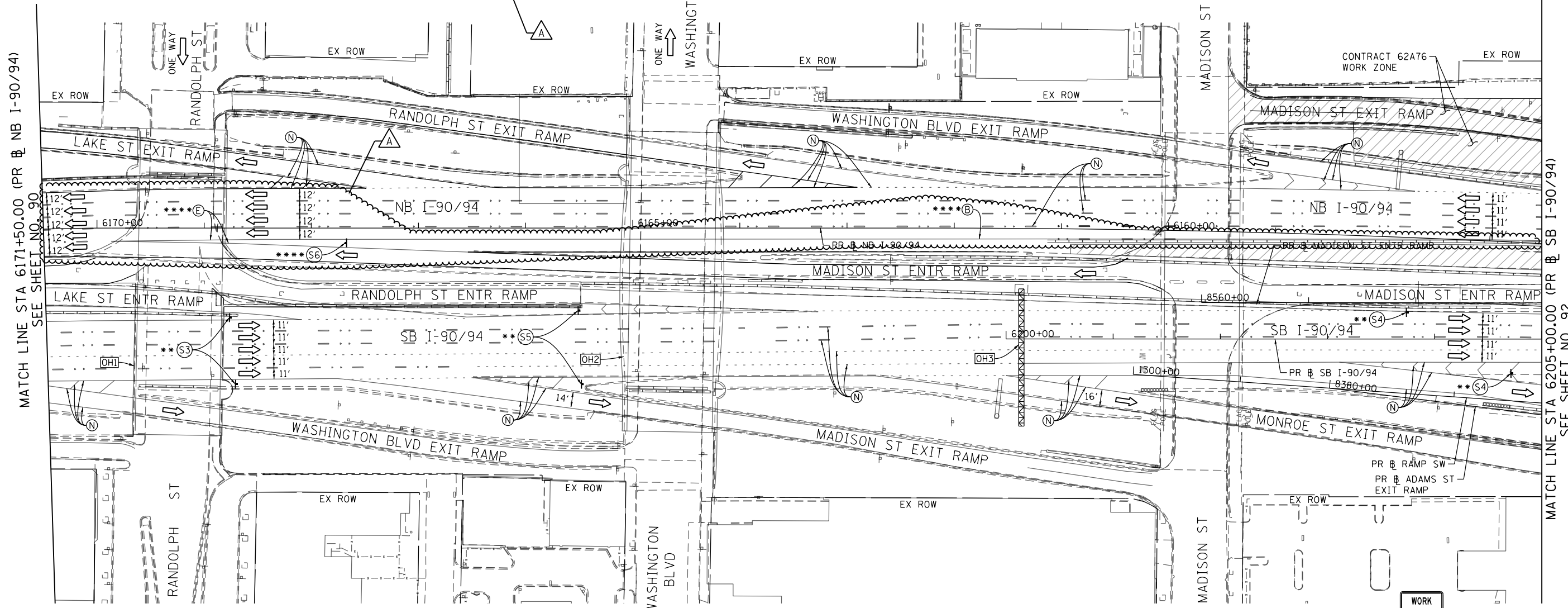
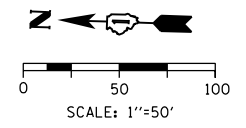
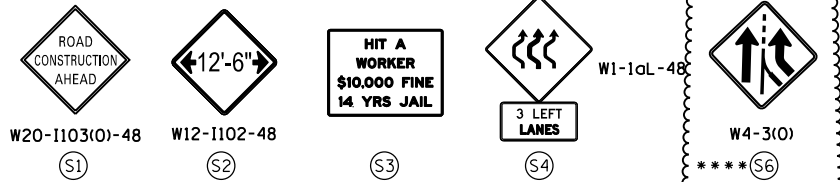
D162J31-SHT-5-Stage-ML2-04.dgn	DESIGNED - PHP	REVISED - A 10/10/2019
USER NAME = andrew.eceron	DRAWN - PHP	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - MJE	REVISED -
PLOT DATE = 10/18/2019	DATE - 8/16/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

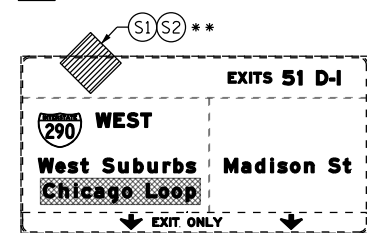
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
STAGE 2

SCALE: 1"=50' SHEET 4 OF 4 SHEETS STA. 6217+50(SB) TO STA. 6217+50(SB)

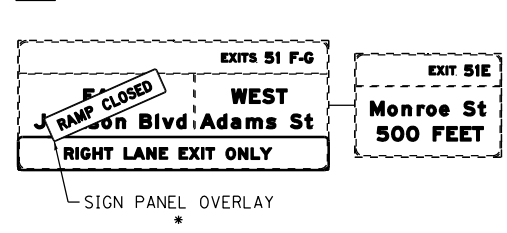
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	89
CONTRACT NO. 62J31				
ILLINOIS FED. AID PROJECT				



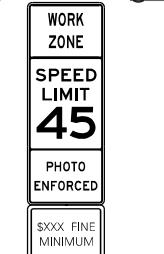
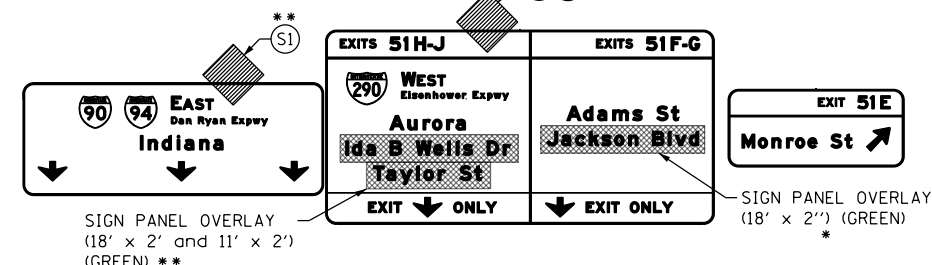
[OH1] EXISTING OVERHEAD SIGN



[OH2] EXISTING OVERHEAD SIGNS



[OH3] PROPOSED OVERHEAD SIGNS (INSTALLED BY CONTRACT 60X93)



W21-1115(0)-3618
R2-1-3648
R10-1108P-3618
R2-1106P-3618
S5

LEGEND

	WORK ZONE		TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
	TEMPORARY CONCRETE BARRIER		DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
	TEMPORARY IMPACT ATTENUATOR		TEMPORARY PAVEMENT
	TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION	*	FROM PREVIOUS STAGE TO REMAIN
	DIRECTION OF TRAFFIC FLOW	**	FROM CONTRACT 60X93 TO REMAIN
	TYPE III BARRICADE	***	FROM CONTRACT 60X79 TO REMAIN
	ARROW BOARD	****	FROM CONTRACT 62A76
	SIGN		

PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

(A)	TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)	(J)	REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
(B)	TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)	(K)	PINNING TEMPORARY CONCRETE BARRIER
(C)	TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)	(L)	IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
(D)	TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)	(M)	IMPACT ATTENUATOR, RELOCATE
(E)	TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)	(N)	EXISTING PAVEMENT MARKING
(F)	TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)		
(G)	TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)		
(H)	TEMP EPOXY PVT MK LETTERS AND SYMBOLS		
(I)	TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED		



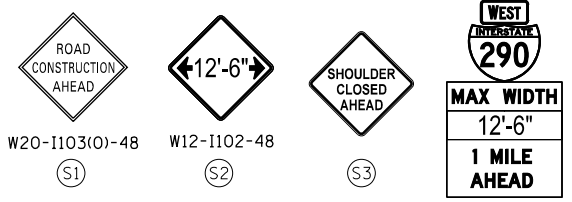
D162J31-SHT-Staging-ML3-02.dgn
USER NAME = andrew.aceron
PLOT SCALE = 100.0000' / in.
PLOT DATE = 10/18/2019

DESIGNED - PHP	REVISED - 10/10/2019
DRAWN - PHP	REVISED -
CHECKED - MJE	REVISED -
DATE - 8/16/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
STAGE 3
SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 6171+50(NB) TO STA. 6205+00(SB)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	91
CONTRACT NO. 62J31				



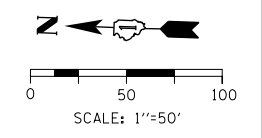
WEST
290
MAX WIDTH
12'-6"
1 MILE
AHEAD
M3-4
MI-1
W12-1103-48

POINT	STATION	OFFSET	LT/RT	BASELINE	
1	PC	6210+22.44	4.47'	LT	P-KDR-SB
2	PC	6211+27.36	9.87'	LT	P-KDR-SB
3	PT	6211+93.39	13.63'	LT	P-KDR-SB
4	POT	6214+19.44	27.75'	LT	P-KDR-SB
5	PC	6216+43.01	37.27'	LT	P-KDR-SB
6	PT	6213+23.19	5.67'	LT	P-KDR-SB
7	POT	6214+19.38	1.49'	LT	P-KDR-SB

TRAFFIC CONTROL LAYOUT INFORMATION (SB)

POINT	STATION	OFFSET	LT/RT	BASELINE	
8	PC	6214+36.37	1.86'	RT	P-KDR-SB
9		6213+45.35	14.94'	LT	P-KDR-SB
10		6214+19.57	25.75'	LT	P-KDR-SB
11		6215+44.27	33.03'	LT	P-KDR-SB
12		6213+45.41	12.33'	LT	P-KDR-SB
13	PCC	6214+19.47	3.49'	LT	P-KDR-SB
14	PC	6210+71.23	5.03'	RT	P-KDR-SB
15	PT	6211+88.00	3.60'	RT	P-KDR-SB

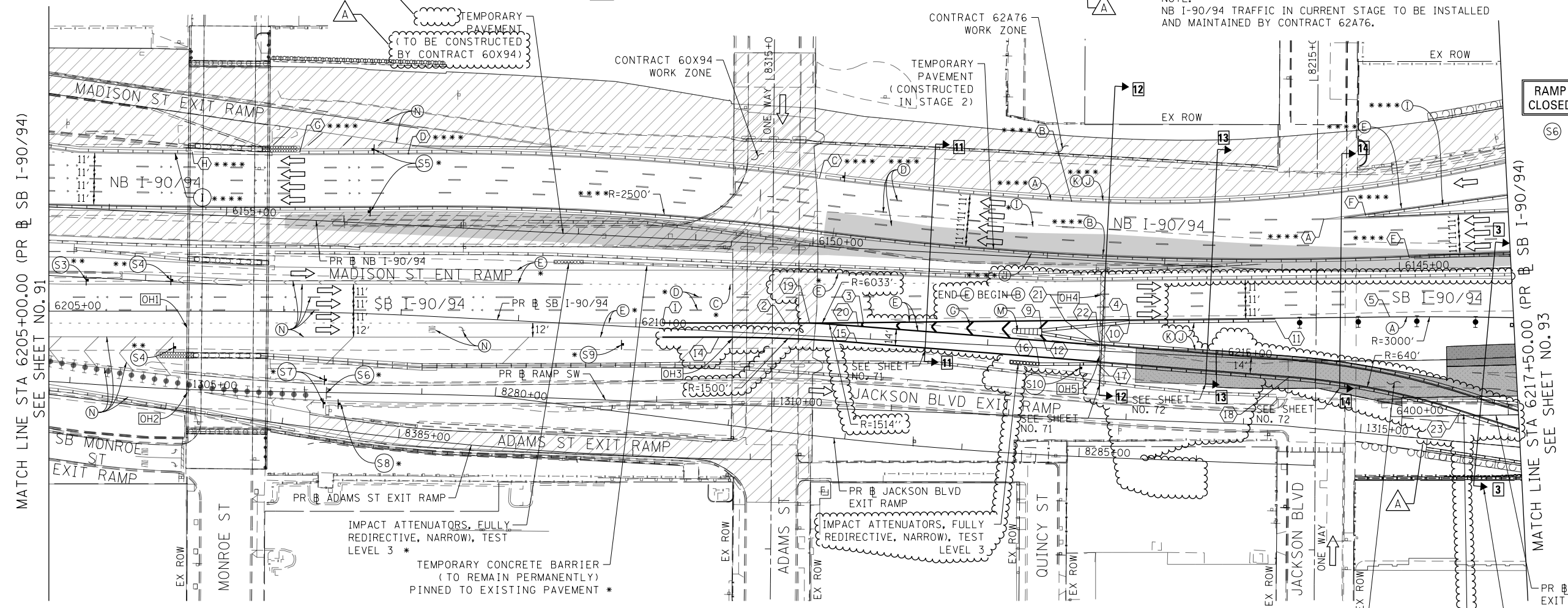
POINT	STATION	OFFSET	LT/RT	BASELINE	
16		6213+44.67	13.96'	RT	P-KDR-SB
17		6213+94.59	11.16'	RT	P-KDR-SB
18	PC	6215+58.12	14.37'	RT	P-KDR-SB
19	PC	6211+47.64	10.95'	LT	P-KDR-SB
20	PT	6211+89.18	10.40'	LT	P-KDR-SB
21		6213+95.06	4.84'	LT	P-KDR-SB
22		6213+95.11	6.84'	LT	P-KDR-SB
23	PT	6217+01.85	43.40'	RT	P-KDR-SB



END ROAD WORK
G20-2A
4824

THIS RAMP WILL BE CLOSED
DO NOT ENTER
R5-1-4848

WEST INTERSTATE 290
12'-6"
M3-4
MI-1
W12-1103-48
RAMP 35 MPH
W13-3



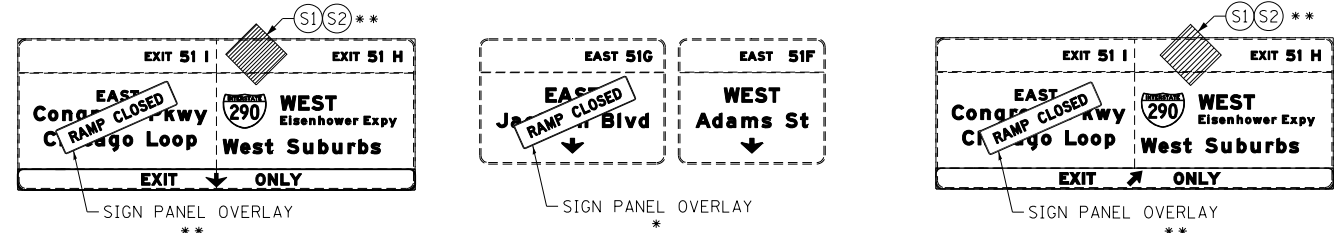
NOTE:
NB I-90/94 TRAFFIC IN CURRENT STAGE TO BE INSTALLED AND MAINTAINED BY CONTRACT 62A76.

TRAFFIC CONTROL LAYOUT INFORMATION (NB)

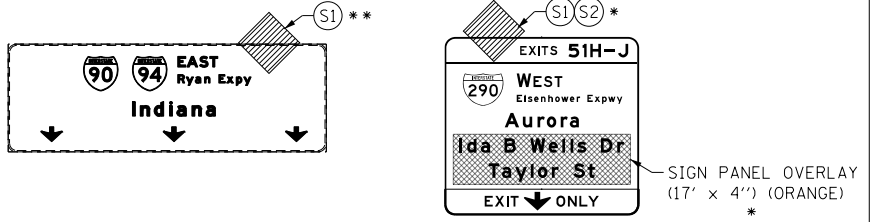
POINT	STATION	OFFSET	LT/RT	BASELINE	
A	PI	6145+65.04	43.94'	RT	P-KDR-NB
B	PCC	6147+81.78	49.29'	RT	P-KDR-NB
C	PCC	6149+97.37	57.89'	RT	P-KDR-NB
D	POC	6153+48.37	60.46'	RT	P-KDR-NB
E		6144+91.37	11.19'	RT	P-KDR-NB
F		6145+28.78	47.11'	RT	P-KDR-NB
G		6154+40.37	57.22'	RT	P-KDR-NB
H		6155+31.86	52.90'	RT	P-KDR-NB

POINT LOCATION

OH1 EXISTING OVERHEAD SIGN TO REMAIN
OH2 EXISTING OVERHEAD SIGNS TO REMAIN
OH3 EXISTING OVERHEAD SIGNS TO REMAIN



OH4 EXISTING OVERHEAD SIGN
OH5 RELOCATE TEMPORARY INFORMATION SIGNING SIGN SB-T15-01 WITH THE DOWN ARROW POINTING OVER RAMP SW



LEGEND

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- ARROW BOARD
- SIGN
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY PAVEMENT
- FROM PREVIOUS STAGE TO REMAIN
- FROM CONTRACT 60X93 TO REMAIN
- FROM CONTRACT 60X79 TO REMAIN
- FROM CONTRACT 62A76

PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30" SPACING) (TYP)
- (H) TEMP EPOXY PVT MK LETTERS AND SYMBOLS
- (I) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) PINNING TEMPORARY CONCRETE BARRIER
- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (M) IMPACT ATTENUATOR, RELOCATE
- (N) EXISTING PAVEMENT MARKING

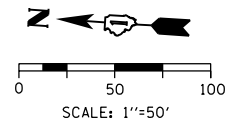
DESIGNED - PHP
DRAWN - PHP
CHECKED - MJE
DATE - 8/16/2019
REVISED - 10/10/2019

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

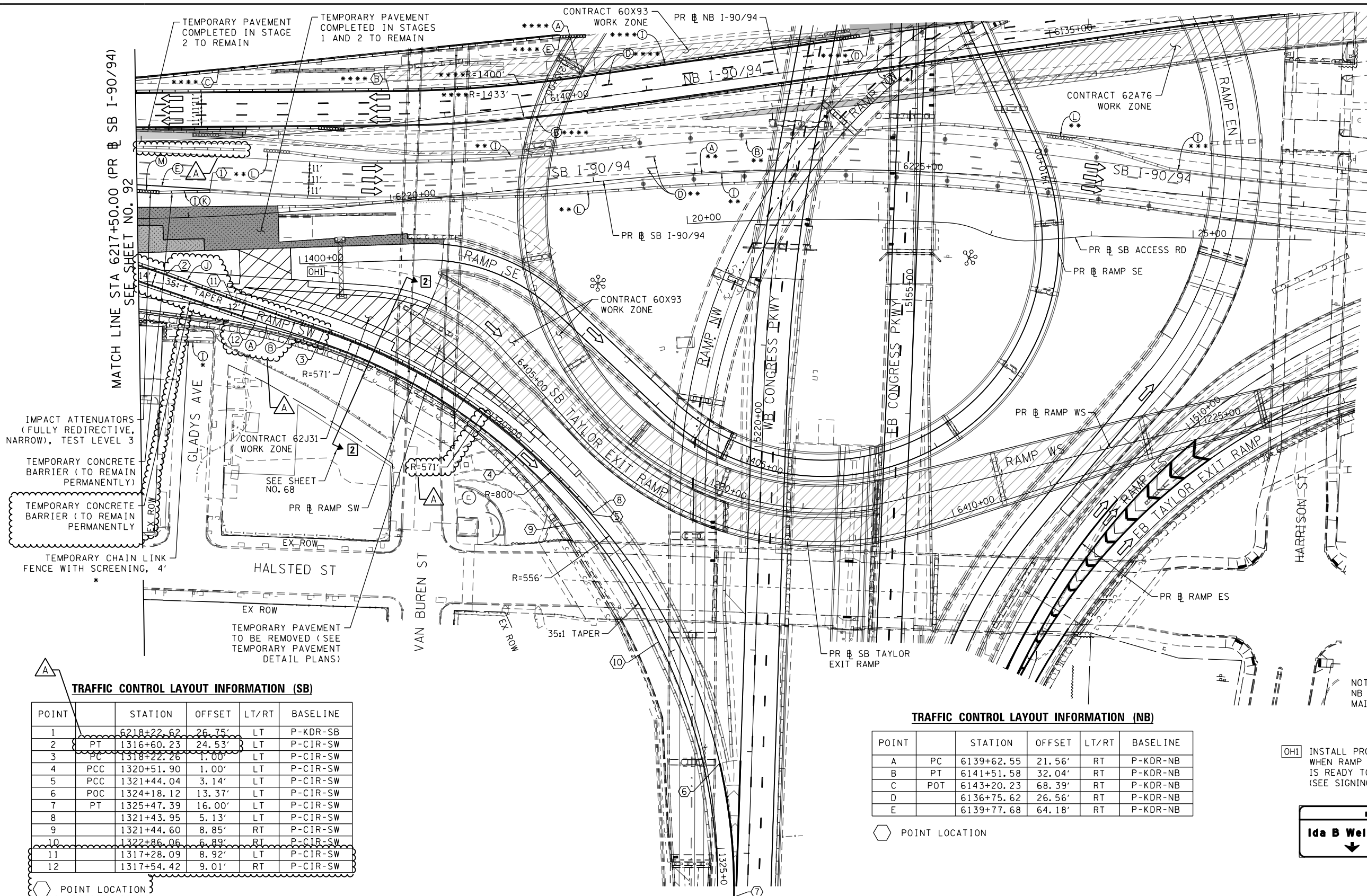
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
STAGE 3

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	92
CONTRACT NO. 62J31				
ILLINOIS FED. AID PROJECT				

SCALE: 1"=50' SHEET 3 OF 4 SHEETS STA. 6205+00(SB) TO STA. 6217+50(SB)



MATCH LINE STA 6217+50.00 (PR @ SB I-90/94) SEE SHEET NO. 92



- IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)
- TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)
- TEMPORARY CHAIN LINK FENCE WITH SCREENING, 4'

TRAFFIC CONTROL LAYOUT INFORMATION (SB)

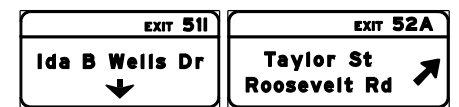
POINT	STATION	OFFSET	LT/RT	BASELINE
1	6218+22.62	26.75'	LT	P-KDR-SB
2	PT 1316+60.23	24.53'	LT	P-CIR-SW
3	PC 1318+22.28	1.00'	LT	P-CIR-SW
4	PCC 1320+51.90	1.00'	LT	P-CIR-SW
5	PCC 1321+44.04	3.14'	LT	P-CIR-SW
6	POC 1324+18.12	13.37'	LT	P-CIR-SW
7	PT 1325+47.39	16.00'	LT	P-CIR-SW
8	1321+43.95	5.13'	LT	P-CIR-SW
9	1321+44.60	8.85'	RT	P-CIR-SW
10	1322+86.06	6.89'	RT	P-CIR-SW
11	1317+28.09	8.92'	LT	P-CIR-SW
12	1317+54.42	9.01'	RT	P-CIR-SW

TRAFFIC CONTROL LAYOUT INFORMATION (NB)

POINT	STATION	OFFSET	LT/RT	BASELINE
A	PC 6139+62.55	21.56'	RT	P-KDR-NB
B	PT 6141+51.58	32.04'	RT	P-KDR-NB
C	POT 6143+20.23	68.39'	RT	P-KDR-NB
D	6136+75.62	26.56'	RT	P-KDR-NB
E	6139+77.68	64.18'	RT	P-KDR-NB

NOTE: NB I-90/94 TRAFFIC IN CURRENT STAGE TO BE MAINTAINED BY CONTRACT 62A76.

[OH] INSTALL PROPOSED TRUSS AND SIGN PANEL WHEN RAMP SE AND SB TAYLOR EXIT RAMP IS READY TO OPEN TO TRAFFIC (SEE SIGNING PLAN)



POINT LOCATION

- LEGEND**
- WORK ZONE
 - TEMPORARY CONCRETE BARRIER
 - TEMPORARY IMPACT ATTENUATOR
 - TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
 - DIRECTION OF TRAFFIC FLOW
 - TYPE III BARRICADE
 - ARROW BOARD
 - SIGN
 - TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - TEMPORARY PAVEMENT
 - FROM PREVIOUS STAGE TO REMAIN
 - FROM CONTRACT 60X93 TO REMAIN
 - FROM CONTRACT 60X79 TO REMAIN
 - FROM CONTRACT 62A76

- PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
 - (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
 - (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
 - (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
 - (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
 - (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
 - (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
 - (H) TEMP EPOXY PVT MK LETTERS AND SYMBOLS
 - (I) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
 - (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
 - (K) PINNING TEMPORARY CONCRETE BARRIER
 - (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
 - (M) IMPACT ATTENUATOR, RELOCATE
 - (N) EXISTING PAVEMENT MARKING



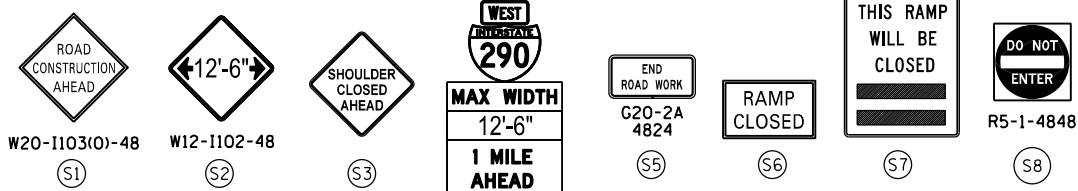
D162J31-SHT-Staging-ML3-04.dgn	DESIGNED - PHP	REVISED - 10/10/2019
USER NAME : andrew.aceron	DRAWN - PHP	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - MJE	REVISED -
PLOT DATE = 10/18/2019	DATE - 8/16/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
STAGE 3
SCALE: 1"=50' SHEET 4 OF 4 SHEETS STA. 6217+50(SB) TO STA. 6217+50(SB)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	93

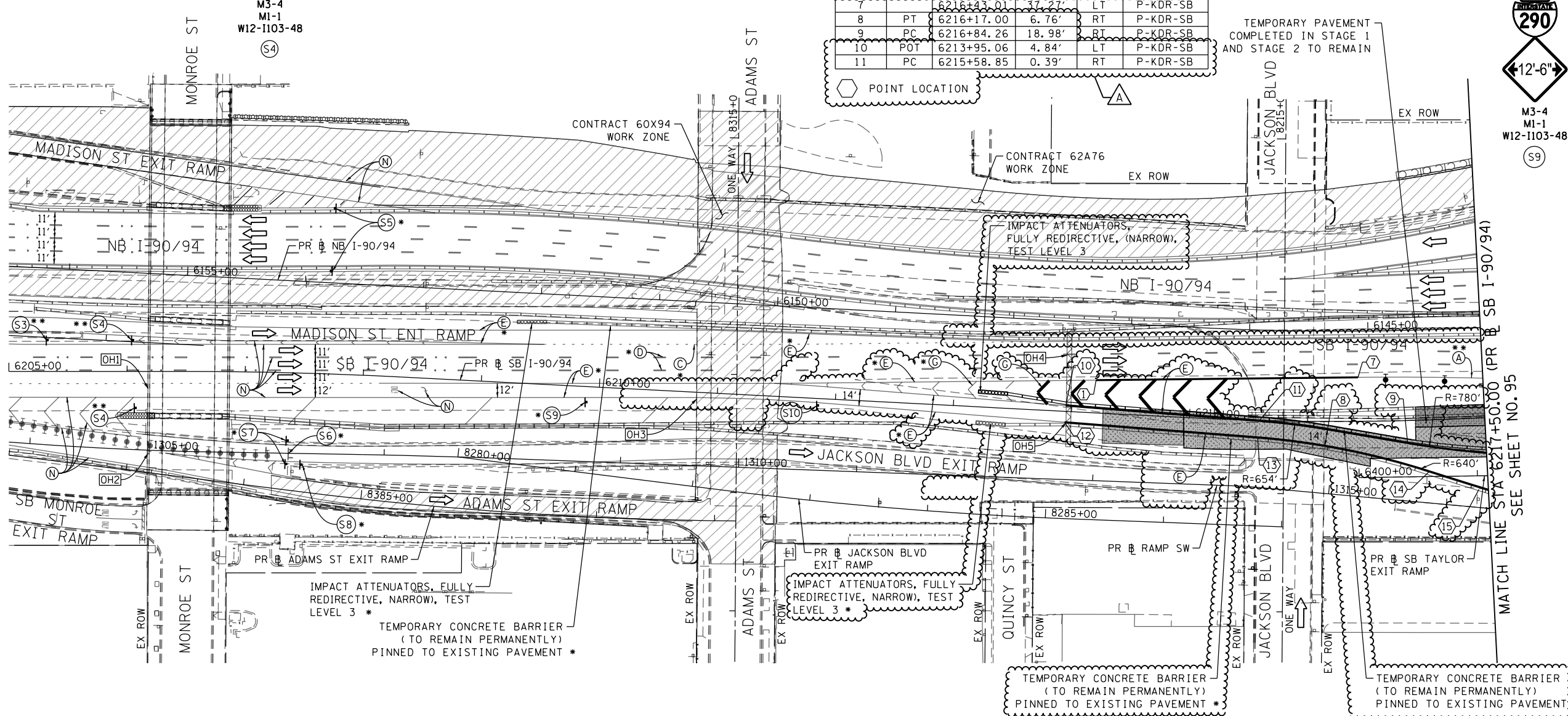
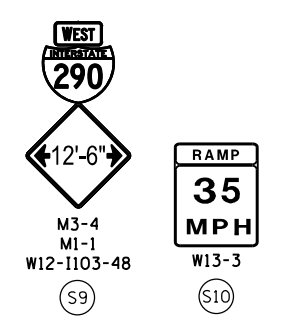
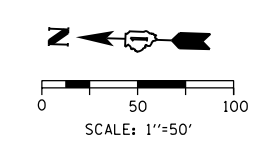
CONTRACT NO. 62J31
ILLINOIS FED. AID PROJECT



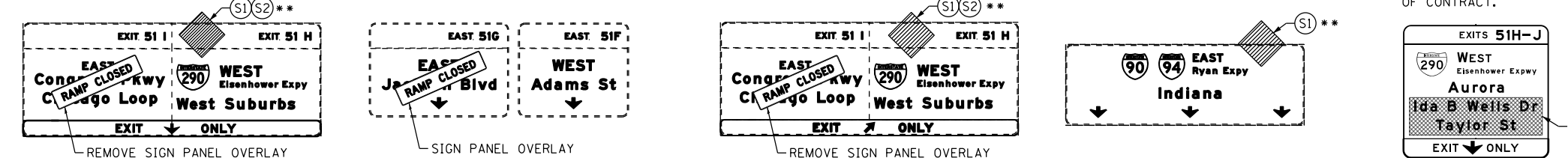
TRAFFIC CONTROL LAYOUT INFORMATION

POINT	STATION	OFFSET	LT/RT	BASELINE
1	PC 6214+19.44	27.75'	LT	P-KDR-SB
2	PT 6211+35.44	1.73'	RT	P-KDR-SB
3	PC 6212+13.82	0.77'	RT	P-KDR-SB
4	PC 6215+65.19	11.25'	RT	P-KDR-SB
5	PT 6216+70.56	30.83'	RT	P-KDR-SB
6	PC 6211+60.55	11.67'	LT	P-KDR-SB
7	PT 6216+17.00	6.76'	RT	P-KDR-SB
8	PC 6216+84.26	18.98'	RT	P-KDR-SB
9	POT 6213+95.06	4.84'	LT	P-KDR-SB
10	PC 6215+58.85	0.39'	RT	P-KDR-SB
11	PC 6215+58.85	0.39'	RT	P-KDR-SB

NOTE: NB I-90/94 TRAFFIC IN CURRENT STAGE TO BE MAINTAINED BY CONTRACT 62A76.



- [OH1] EXISTING OVERHEAD SIGN TO REMAIN
- [OH2] EXISTING OVERHEAD SIGNS TO REMAIN
- [OH3] EXISTING OVERHEAD SIGNS TO REMAIN
- [OH4] EXISTING OVERHEAD SIGN
- [OH5] RELOCATE TEMPORARY INFORMATION SIGNING SIGN SB-TIS-01. SIGN TO REMAIN AT END OF CONTRACT.



TRAFFIC CONTROL LAYOUT INFORMATION

POINT	STATION	OFFSET	LT/RT	BASELINE
12	POT 6213+94.68	9.16'	RT	P-KDR-SB
13	PC 6215+58.12	14.37'	RT	P-KDR-SB
14	PT 6217+01.85	43.40'	RT	P-KDR-SB
15	PC 6217+42.18	60.30'	RT	P-KDR-SB

- LEGEND**
- WORK ZONE
 - TEMPORARY CONCRETE BARRIER
 - TEMPORARY IMPACT ATTENUATOR
 - TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
 - DIRECTION OF TRAFFIC FLOW
 - TYPE III BARRICADE
 - ARROW BOARD SIGN
 - TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - TEMPORARY PAVEMENT
 - FROM PREVIOUS STAGE TO REMAIN
 - FROM CONTRACT 60X93 TO REMAIN
 - FROM CONTRACT 60X79 TO REMAIN
 - FROM CONTRACT 62A76

- PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
 - (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
 - (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
 - (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
 - (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
 - (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
 - (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
 - (H) TEMP EPOXY PVT MK LETTERS AND SYMBOLS
 - (I) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
 - (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
 - (K) PINNING TEMPORARY CONCRETE BARRIER
 - (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
 - (M) IMPACT ATTENUATOR, RELOCATE
 - (N) EXISTING PAVEMENT MARKING



D162J31-SHT-Staging-RampSE-TaylorExit-Striping-01.dgn	DESIGNED - PHP	REVISED - 10/10/2019
USER NAME = andrew.aceron	DRAWN - PHP	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - MJE	REVISED -
PLOT DATE = 10/18/2019	DATE - 8/16/2019	REVISED -

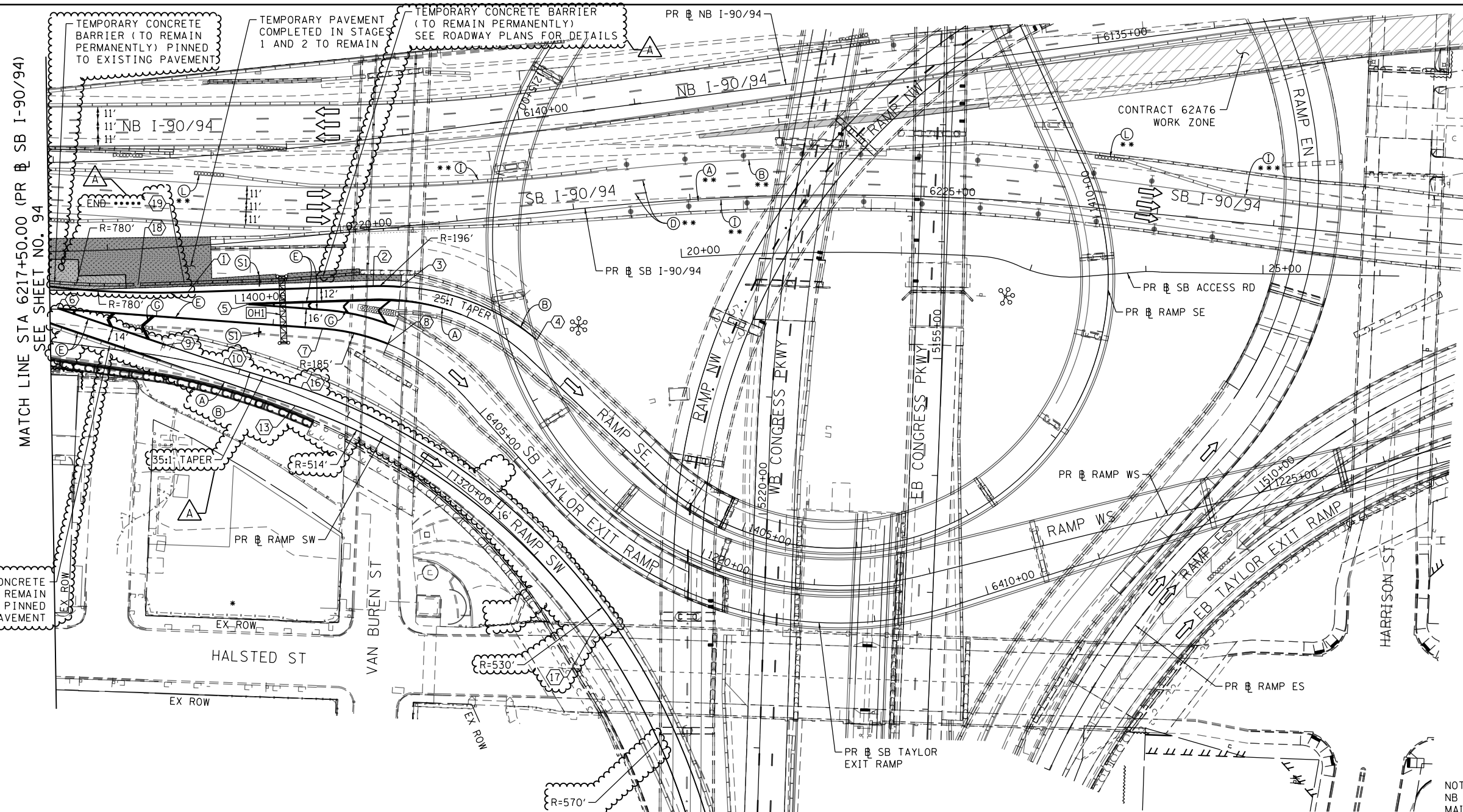
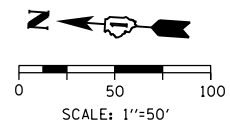
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
RAMP SE AND SB TAYLOR ST EXIT RAMP OPENING**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	94

CONTRACT NO. 62J31
ILLINOIS FED. AID PROJECT

FILE PATH = p:\VACOM-NB-ANSI\encom\line\local\AECOM_DS02_NA_Documents\01_Americas\Transportation\60269938_Circle Phase II\000_CAD\006_Roadway\Sheets\62J31_Contract\162J31-SHT-Staging-RampSE-TaylorExit-Striping-01.dgn



MATCH LINE STA 6217+50.00 (PR @ SB I-90/94) SEE SHEET NO. 94

TRAFFIC CONTROL LAYOUT INFORMATION

POINT		STATION	OFFSET	LT/RT	BASELINE	
1	PT	6218+66.28	39.30'	RT	P-KDR-SB	
2	PC	1401+17.83	11.00'	LT	P-CIR-SE	
3	PT	1401+40.00	11.00'	LT	P-CIR-SE	END (C) BEGIN (B)
4	PC	1402+58.42	16.00'	LT	P-CIR-SE	
5		1400+10.79	1.00'	RT	P-CIR-SE	
6	PT	6401+14.28	0.97'	LT	P-TAY-SX	
7	PC	6403+42.26	0.00'	-	P-TAY-SX	
8	PT	6404+00.00	0.00'	RT	P-TAY-SX	END (C)
9		1317+34.57	9.99'	LT	P-CIR-SW	END (C) BEGIN (B)
10		1317+84.90	4.43'	LT	P-CIR-SW	BEGIN TAPER
11	PC	1320+21.73	14.82'	LT	P-CIR-SW	END TAPER
12	POC	1324+18.06	16.00'	-	P-CIR-SW	END (B) BEGIN (C)
13	PC	1318+55.24	9.79'	RT	P-CIR-SW	
14	PCC	1321+39.21	0.00'	-	P-CIR-SW	
15	PT	1322+39.21	0.00'	-	P-CIR-SW	
16	PC	1318+54.31	6.18'	LT	P-CIR-SW	END TAPER
17	PCC	1321+80.94	0.00'	-	P-CIR-SW	
18	PT	6218+24.80	30.38'	RT	P-KDR-SB	
19	POT	6218+63.83	31.22'	RT	P-KDR-SB	

POINT LOCATION

- LEGEND**
- WORK ZONE
 - TEMPORARY CONCRETE BARRIER
 - TEMPORARY IMPACT ATTENUATOR
 - TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
 - DIRECTION OF TRAFFIC FLOW
 - TYPE III BARRICADE
 - ARROW BOARD
 - SIGN
 - TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - TEMPORARY PAVEMENT
 - FROM PREVIOUS STAGE TO REMAIN
 - FROM CONTRACT 60X93 TO REMAIN
 - FROM CONTRACT 60X79 TO REMAIN
 - FROM CONTRACT 62A76

- PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
 - (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
 - (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
 - (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
 - (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
 - (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
 - (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
 - (H) TEMP EPOXY PVT MK LETTERS AND SYMBOLS
 - (I) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
 - (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
 - (K) PINNING TEMPORARY CONCRETE BARRIER
 - (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
 - (M) IMPACT ATTENUATOR, RELOCATE
 - (N) EXISTING PAVEMENT MARKING

NOTE:
NB I-90/94 TRAFFIC IN CURRENT STAGE TO BE MAINTAINED BY CONTRACT 62A76.

(OH1) INSTALL PROPOSED SIGN ON NEWLY CONSTRUCTED SIGN TRUSS (SEE SIGNING PLAN)



TEMPORARY CONCRETE BARRIER ***** (TO REMAIN PERMANENTLY) PINNED TO EXISTING PAVEMENT



D162J31-SHT-Staging-RampSE-TaylorExit-Striping-02.dgn
USER NAME : andrew.aceron
PLOT SCALE = 100.0000' / in.
PLOT DATE = 10/18/2019

DESIGNED - PHP
DRAWN - PHP
CHECKED - MJE
DATE - 8/16/2019

REVISED - 10/10/2019
REVISED -
REVISED -
REVISED -

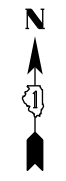
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
RAMP SE AND SB TAYLOR ST EXIT RAMP OPENING

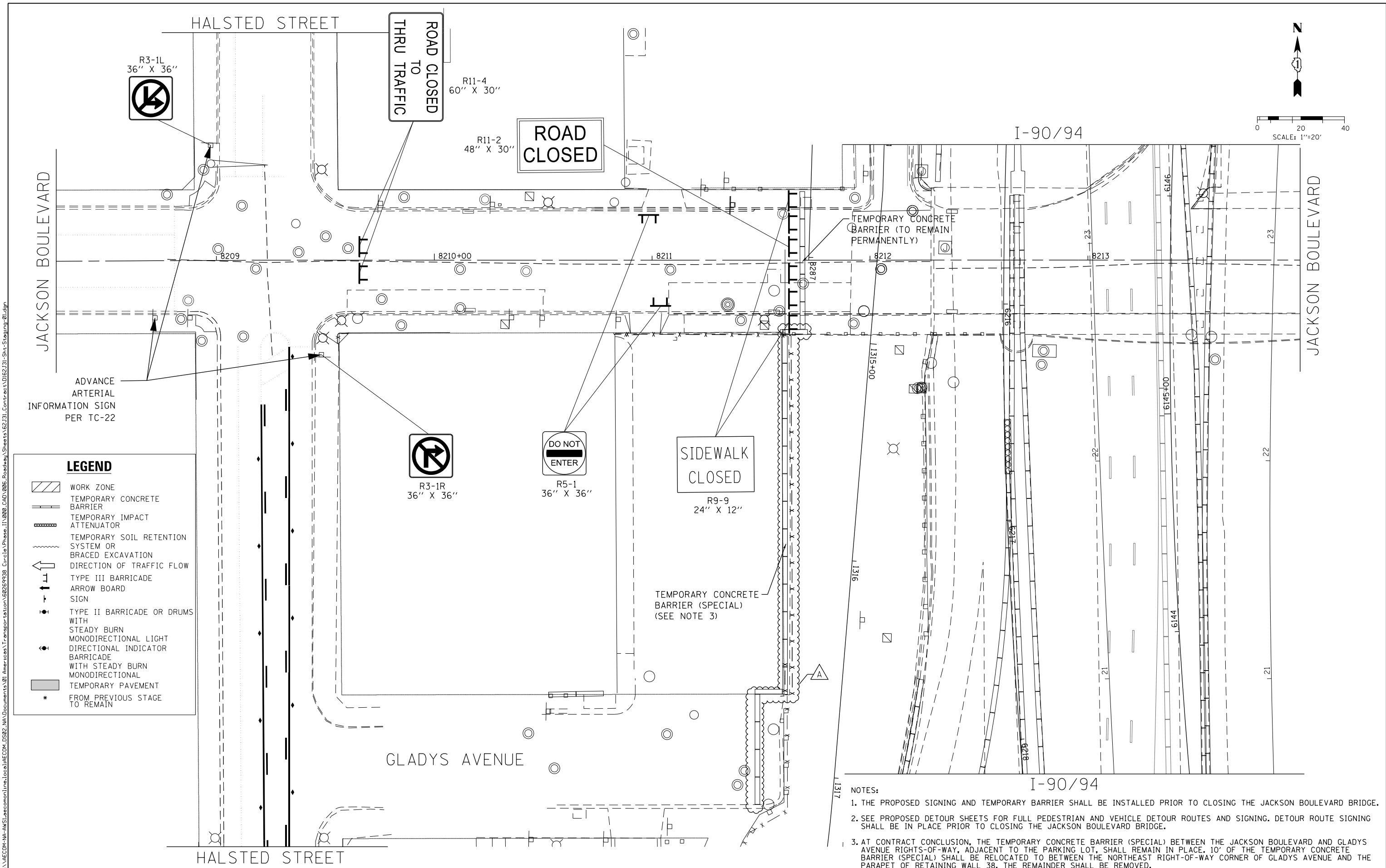
SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. 6217+50(SB) TO STA. 6217+50(SB)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	95

CONTRACT NO. 62J31



0 20 40
SCALE: 1"=20'



LEGEND

	WORK ZONE
	TEMPORARY CONCRETE BARRIER
	TEMPORARY IMPACT ATTENUATOR
	TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
	DIRECTION OF TRAFFIC FLOW
	TYPE III BARRICADE
	ARROW BOARD SIGN
	TYPE II BARRICADE OR DRUMS WITH STEADY BURN
	MONODIRECTIONAL LIGHT
	DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN
	MONODIRECTIONAL
	TEMPORARY PAVEMENT
	FROM PREVIOUS STAGE TO REMAIN

- NOTES:**
1. THE PROPOSED SIGNING AND TEMPORARY BARRIER SHALL BE INSTALLED PRIOR TO CLOSING THE JACKSON BOULEVARD BRIDGE.
 2. SEE PROPOSED DETOUR SHEETS FOR FULL PEDESTRIAN AND VEHICLE DETOUR ROUTES AND SIGNING. DETOUR ROUTE SIGNING SHALL BE IN PLACE PRIOR TO CLOSING THE JACKSON BOULEVARD BRIDGE.
 3. AT CONTRACT CONCLUSION, THE TEMPORARY CONCRETE BARRIER (SPECIAL) BETWEEN THE JACKSON BOULEVARD AND GLADYS AVENUE RIGHTS-OF-WAY, ADJACENT TO THE PARKING LOT, SHALL REMAIN IN PLACE. 10' OF THE TEMPORARY CONCRETE BARRIER (SPECIAL) SHALL BE RELOCATED TO BETWEEN THE NORTHEAST RIGHT-OF-WAY CORNER OF GLADYS AVENUE AND THE PARAPET OF RETAINING WALL 38. THE REMAINDER SHALL BE REMOVED.



D:\62J31-Sht-Staging-01.dgn	DESIGNED - MJL	REVISED - 10/10/2019
USER NAME = mrc155	DRAWN - JRM	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 10/8/2019	DATE - 8/16/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
PLAN - JACKSON BOULEVARD

F.A.I. RTE. 90/94/290	SECTION 2019-054-I	COUNTY COOK	TOTAL SHEETS 400	SHEET NO. 96
CONTRACT NO. 62J31				
ILLINOIS FED. AID PROJECT				

SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. 8308+00 TO STA. 8313+00

EXISTING DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	BASELINE	CATCH BASINS TO BE ADJUSTED	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	CATCH BASINS TO BE RECONSTRUCTED	MANHOLES TO BE ADJUSTED	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	COMMENTS
				EACH	EACH	EACH	EAC	EACH	EACH	EACH	
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 1											
ES100	6148+07.66	9.81' LT	PR NB I-90/94					1			
ES101	6149+75.55	3.53' LT	PR NB I-90/94						1		
ES102	6147+80.91	19.94' RT	PR NB I-90/94		1						EX RIM ELEV: 575.18 PR RIM ELEV: 575.18
ES103	6147+09.47	21.41' RT	PR NB I-90/94		1						EX RIM ELEV: 575.07 PR RIM ELEV: 575.07
ES104	6147+32.80	6.57' RT	PR NB I-90/94			1					EX RIM ELEV: 579.04 PR RIM ELEV: 574.97
ES105	1315+04.81	53.25' LT	PR RAMP SW						1		
ES106	1313+19.30	29.12' LT	PR RAMP SW	1							EX RIM ELEV: 575.42 PR RIM ELEV: 575.42
ES107	6147+78.37	13.06' LT	PR NB I-90/94		1						EX RIM ELEV : 576.03 PR RIM ELEV: 576.03
ES108	6147+69.65	11.22' LT	PR NB I-90/94		1						EX RIM ELEV : 576.01 PR RIM ELEV: 576.01
ES109	6147+37.75	8.87' LT	PR NB I-90/94		1						EX RIM ELEV: 575.91 PR RIM ELEV: 575.91
ES110	6147+32.80	6.57' RT	PR NB I-90/94		1						EX RIM ELEV: 575.91 PR RIM ELEV: 575.91
SHEET 1 TOTAL:				1	6	1	0	1	2	0	
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 2											
ES200	6401+98.59	3.65' RT	PR SB TAYLOR EXIT RAMP						1		
ES201	6402+01.91	5.54' LT	PR SB TAYLOR EXIT RAMP							1	
ES202	1400+23.03	16.79' LT	PR RAMP SE						1		
ES205	1400+85.08	21.30' LT	PR RAMP SE							1	
ES207	6403+70.29	18.02' LT	PR SB TAYLOR EXIT RAMP					1			
ES208	6145+35.37	18.99' RT	PR NB I-90/94		1						EX RIM ELEV: 576.06 PR RIM ELEV: 576.06
ES209	6145+36.20	9.82' RT	PR NB I-90/94						1		
ES210	6145+24.84	20.63' RT	PR NB I-90/94				1				EX RIM ELEV: 570.23 PR RIM ELEV: 570.23
ES212	1318+77.20	6.96' LT	PR RAMP SW						1		
ES213	1318+90.07	0.12' RT	PR RAMP SW								
ES214	1318+96.86	2.92' RT	PR RAMP SW						1		
ES215	1318+99.49	2.87' LT	PR RAMP SW						1		
ES216	1318+98.92	10.34' LT	PR RAMP SW					1			
ES217	1318+88.72	6.59' LT	PR RAMP SW						1		
ES220	1315+14.43	39.59' LT	PR RAMP SW						1		
ES221	1315+06.43	28.44' LT	PR RAMP SW						1		
ES222	1316+80.00	29.61' RT	PR RAMP SW	1							EX RIM ELEV: 592.65 PR RIM ELEV: 593.25
ES223	1317+14.99	28.94' RT	PR RAMP SW	1							EX RIM ELEV: 592.52 PR RIM ELEV: 592.49
SHEET 2 TOTAL:				2	1	0	1	2	9	3	
TOTAL:				3	7	1	1	3	11	3	

EXISTING PIPE SCHEDULE

PIPE	UPSTREAM	DOWNSTREAM	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 10"	STORM SEWER REMOVAL 12"	TRENCH BACKFILL
						FOOT	FOOT	FOOT	
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 1									
R100	ES105	ES106	571.45	570.50	1.31%		72		23.6
SHEET 1 TOTAL:						0	72	0	24.0
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 2									
R200	ES201	ES200	572.57	572.52	0.50%		10		2.2
R201	ES200	ES202	572.52	572.03	0.50%		97		29.9
R202	ES202	ES204	571.95	571.73	0.50%			44	16.9
R203	ES207	ES202	572.39	571.95	0.50%			87	24.2
R204	EX SCUPPER	ES207	572.58	572.39	0.50%	38			8.7
R205	ES221		571.70	571.57	0.50%			25	8.9
R207	ES217	ES207	572.56	572.34	0.27%		80		33.7
R212	ES212	ES217	572.40	572.35	0.50%		11		0.1
R214	ES213	ES214	572.10	572.00	0.91%			11	5.0
R215	ES214	ES215	572.00	571.97	0.50%			7	3.3
R216	ES215	ES216	571.97	571.93	0.50%			8	2.3
R217	ES216	ES217	571.93	571.86	0.50%			13	1.2
R219	ES205	ES204	572.98	572.47	0.50%		60		13.9
R220	ES220	ES221	573.73	573.66	0.50%		14		0.7
SHEET 2 TOTAL:						38	272	195	150.8
TOTALS						38	344	195	174.8

EXISTING PIPE ABANDON AND FILL SCHEDULE

PIPE	UPSTREAM STATION	UPSTREAM OFFSET	DOWNSTREAM STATION	DOWNSTREAM OFFSET	PIPE LENGTH	PIPE DIAMETER	CONTROLLED LOW STRENGTH MATERIAL
							CU YD
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 1							
A101	6146+01.94	116.26' RT	6146+35.27	83.44' LT	248	24	29.0
A102	6145+84.97	146.17' LT	6146+34.91	98.44' LT	97	24	12.0
SHEET 1 TOTAL:							41.0
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 2							
A201	1315+04.81	53.25' LT	1315+03.11	79.25' LT	26	12	1.0
SHEET 2 TOTAL:							1.0
TOTALS							42.0

NOTES:
1. STRUCTURE AND PIPE NUMBERS NOT INCLUDED IN SCHEDULES ARE NOT USED.

FILE PATH = p:\N\ECOM-NH-NV5\ecom\proj\local\local\COM_DS02_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase-1\000_CAD\006_Roadway\Sheets\62J31_Contract\DI62J31-sht-Drain-Schedule-01.dgn



DI62J31-sht-Drain-Schedule-01.dgn	DESIGNED - MRC	REVISED - 10/10/2019
USER NAME = mrc155	DRAWN - NLD	REVISED -
PLOT SCALE = 20.0000' / 1"	CHECKED - JMG	REVISED -
PLOT DATE = 10/14/2019	DATE - 8/16/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2019-054-I	COUNTY COOK	TOTAL SHEETS 400	SHEET NO. 109
CONTRACT NO. 62J31				
ILLINOIS FED. AID PROJECT				

REV. 10/29/19

PROPOSED PIPE SCHEDULE

PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	STORM SEWERS, CLASS A, TYPE 2					STORM SEWER (WATER MAIN REQUIREMENTS)		TRENCH BACKFILL		
						12" FOOT	15" FOOT	18" FOOT	24" FOOT	60" FOOT	12" FOOT	15" FOOT		42" FOOT	8" FOOT
PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 1															
P1-01	S1-01	ES108	571.61	571.55	0.50%	12							0.5		
P1-02	NOT USED														
P1-03	S1-03	S1-02	568.55	568.50	0.50%	9							4.8		
P1-04	S1-04	S2-01	567.00	565.79	0.50%							242	431.0		
SHEET 1 TOTAL:						21						242	436.3		
PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 2															
P2-01	S2-01		564.42	564.00	0.20%					210			551.6		
P2-02	S2-02	S2-08	571.07	570.94	0.50%			27					20.9		
P2-03	S2-03	S2-02	573.77	573.45	0.50%						65		30.5		
P2-04	S2-04	S2-05	571.06	570.94	0.50%	24							14.5		
P2-05	S2-05	S2-06	570.69	570.57	0.50%		24						16.6		
P2-06	S2-06		568.80	568.57	0.40%				56				61.2		
P2-07	S2-07	S2-06	569.17	569.10	0.20%				37				37.8		
P2-08	S2-08	S2-07	570.94	570.64	0.50%			59					41.5		
P2-09	S2-09	S2-08	571.55	571.44	0.50%	22							10.8		
P2-10	S2-10	S2-18	570.16	569.92	0.50%			49					13.7		
P2-11	S2-11	S2-10	571.51	571.39	0.50%	25							11.1		
P2-13	S2-13	S2-12	572.78	572.46	0.50%	64							8.3		
P2-18	S2-18	S2-07	569.92	569.67	0.50%			49					30.3		
P2-20	S2-20	S2-21	571.73	571.65	0.50%					16			4.4		
P2-21	S2-21	S2-01	571.40	571.13	0.50%					55			27.4		
P2-22	SCUPPER DOWNSPOUT	S2-03	573.97	573.77	0.50%						55	40	17.5		
SHEET 2 TOTAL:						135	24	184	93	210	16	120	0	40	888.1
TOTALS						156	24	184	93	210	16	120	242	40	1324.4

PROPOSED PIPE UNDERDRAIN SCHEDULE

PIPE UNDERDRAIN	BASELINE	UPSTREAM		DOWNSTREAM		PIPE UNDERDRAINS, TYPE 2	
		STATION	OFFSET	STRUCTURE NO.	STATION		OFFSET
PROPOSED SUBSURFACE DRAINAGE PLANS - SHEET 1							
PUI-01	PR SB TAYLOR EXIT RAMP	6400+85.92	1.00' RT		6400+09.57	1.00' RT	77
PUI-02	PR RAMP SW	1315+57.12	1.00' RT	S2-10	1318+50.00	11.00' RT	299
PUI-03	PR SB TAYLOR EXIT RAMP	6400+85.92	1.00' RT	S2-04	6401+98.27	7.60' RT	116
PUI-04	PR RAMP SE	1401+40.00	1.00' RT	S2-02	1400+73.10	3.92' RT	68
PUI-05	PR SB TAYLOR EXIT RAMP	6404+00.00	15.00' LT	S2-07	6402+81.63	7.00' RT	146
PUI-06	PR SB TAYLOR EXIT RAMP	6402+79.13	1.00' RT	S1-06	6401+98.27	7.60' RT	85
PUI-07	PR SB TAYLOR EXIT RAMP	6401+46.12	19.40' IT	PUI-03	6401+46.12	1.00' RT	21
PUI-08	PR RAMP SW	1318+50.00	16.00' LT	S2-10	1318+50.00	11.00' RT	27
						TOTAL:	839

PROPOSED DRAINAGE STRUCTURE SCHEDULE

STRUCTURE	STATION	OFFSET	OFFSET LOCATION (EDGE OF SHOULDER, CENTER OF STRUCTURE, CENTER OF GRATE, OR FLOW LINE)	BASELINE	PROPOSED RIM (ELEV)	N. INVERT (ELEV)	W. INVERT (ELEV)	E. INVERT (ELEV)	S. INVERT (ELEV)	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 10'-DIAMETER, TYPE 1 FRAME, CLOSED LID	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	
PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 1																		
S1-01	6147+81.00	6.53' LT	COS	PR NB I-90/94	574.85	572.85			571.61	1								
S1-02	6146+97.00	0.79' RT	COS	PR NB I-90/94	574.71	572.71	568.50 (EX)	568.45 (EX)	568.50	1								
S1-03	6146+77.00	3.02' RT	COS	PR NB I-90/94	574.70	568.55			572.70	1								
S1-04	6214+37.10	16.50' RT	COS	PR SB I-90/94	575.72				567.00					1				
SHEET 1 TOTAL:										0	3	0	0	0	1	0	0	
PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 2																		
S2-01	6400+35.93	31.12' LT	COS	PR SB TAYLOR EXIT RAMP	579.12		571.13		564.42						1			
S2-02	6403+39.98	19.74' LT	COS	PR SB TAYLOR EXIT RAMP	579.08		571.07		573.45				1					
S2-03	6403+98.21	21.94' LT	COS	PR SB TAYLOR EXIT RAMP	579.81	573.77	573.77						1					
S2-04	6401+98.27	8.60' RT	EOS	PR SB TAYLOR EXIT RAMP	577.61			571.06				1						
S2-05	6402+21.91	8.00' RT	EOS	PR SB TAYLOR EXIT RAMP	577.71	570.94			570.69			1						
S2-06	6402+45.54	8.00' RT	EOS	PR SB TAYLOR EXIT RAMP	577.78	570.57		568.80	569.10			1						
S2-07	6402+81.63	8.00' RT	EOS	PR SB TAYLOR EXIT RAMP	577.89	570.64	569.67		569.17			1						
S2-08	6403+40.00	8.00' RT	EOS	PR SB TAYLOR EXIT RAMP	577.99	570.94	571.44	570.94				1						
S2-09	1318+60.00	32.58' LT	COS	PR RAMP SW	576.89			571.55			1							
S2-10	1318+50.00	12.00' RT	EOS	PR RAMP SW	574.66	570.16			571.39			1						
S2-11	1318+75.00	12.00' RT	EOS	PR RAMP SW	574.58	571.51						1						
S2-12	6145+24.40	2.61' RT	COS	PR NB I-90/94	575.96	573.96	570.31 (EX)	570.26 (EX)	572.46	1								
S2-13	6144+60.00	2.81' RT	COS	PR NB I-90/94	576.70	572.78			574.70	1								
S2-18	1318+00.00	12.00' RT	EOS	PR RAMP SW	575.07			569.92	569.92			1						
S2-20	1315+25.93	4.59' RT	EOS	PR RAMP SW	577.21			571.73		1								
S2-21	1315+20.00	10.62' LT	COS	PR RAMP SW	575.40		571.65	571.40			1							
SHEET 2 TOTAL:										1	2	7	2	1	0	1		
TOTALS:										1	5	2	7	2	2	0	1	

NOTES:
1. STRUCTURE AND PIPE NUMBERS NOT INCLUDED IN SCHEDULES ARE NOT USED.

FILE PATH = p:\V\ECOM\NA-NV\Stations\In\local\I\COM_DS02_NA\Documents\01_Americas\Transportation\62269938_Circle\Phase_1\000_CAD\006_Roadway_Sheets_62J31_Contract\0162J31-sht-Drain-Schedule-01.dgn



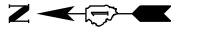
D162J31-sht-Drain-Schedule-01.dgn	DESIGNED - MRC	REVISED - 10/10/2019
USER NAME = mrc1ss	DRAWN - NLD	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 10/14/2019	DATE - 8/16/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

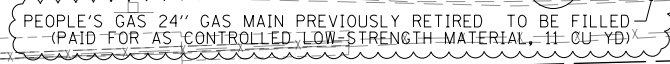
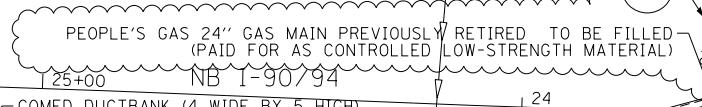
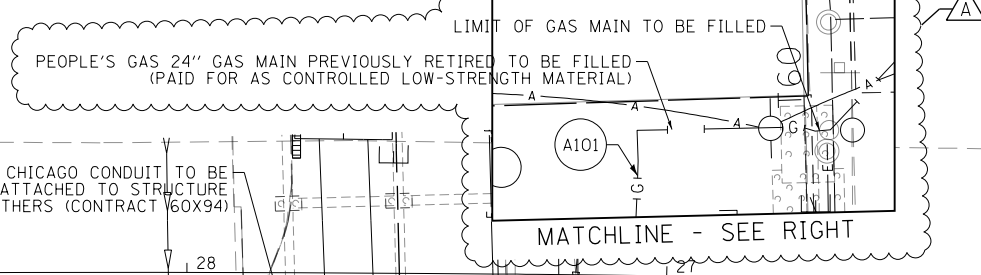
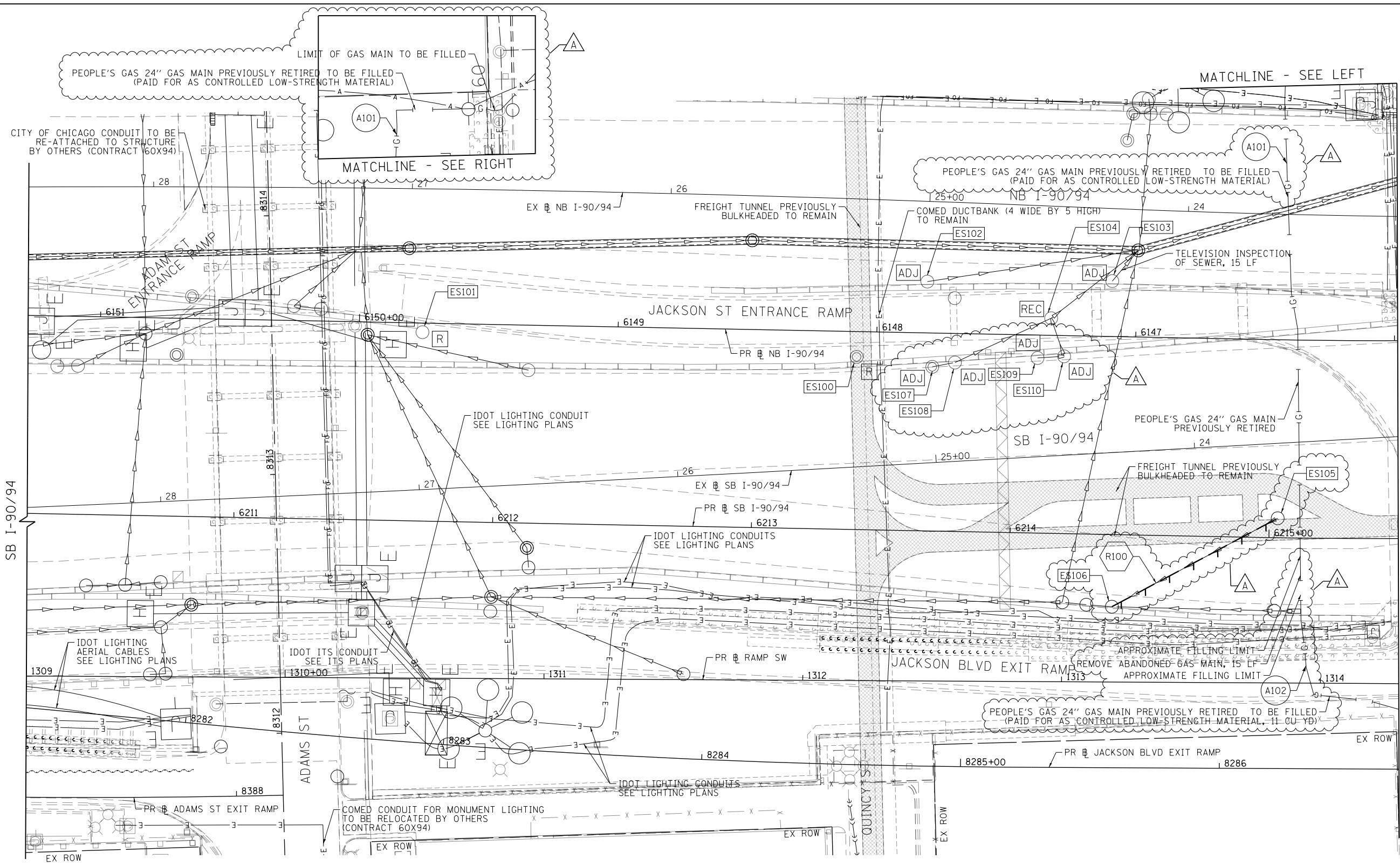
DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2019-054-I	COUNTY COOK	TOTAL SHEETS 400	SHEET NO. 110
CONTRACT NO. 62J31				
ILLINOIS FED. AID PROJECT				



SCALE: 1" = 20'



EXISTING DRAINAGE AND UTILITIES LEGEND

- | | | | | | |
|---|---------------------------------------|-----|---|---|--|
| ⊙ | EXISTING MANHOLE | ADJ | DRAINAGE STRUCTURE TO BE ADJUSTED | — | STORM SEWER TO BE REMOVED BY OTHERS |
| ○ | EXISTING CATCH BASIN | REC | DRAINAGE STRUCTURE TO BE RECONSTRUCTED | — | COMBINED SEWER TO BE REMOVED BY OTHERS |
| □ | EXISTING INLET | A | DRAINAGE STRUCTURE TO BE ADJUSTED WITH NEW FRAME AND/OR LID | — | STORM SEWER TO BE FILLED AND ABANDONED BY OTHERS |
| ⊙ | MANHOLE TO BE INSTALLED BY OTHERS | R | DRAINAGE STRUCTURE TO BE REMOVED | — | STORM SEWER TO BE INSTALLED BY OTHERS |
| ● | CATCH BASIN TO BE INSTALLED BY OTHERS | RF | DRAINAGE STRUCTURE TO BE REMOVED TO MAINTAIN FLOW | — | STORM SEWER REMOVAL |
| — | INLET TO BE INSTALLED BY OTHERS | | | — | ABANDON AND FILL EXISTING STORM SEWER |

NOTES

- STORM SEWERS TO BE INSTALLED BY OTHERS ARE SHOWN FOR INFORMATION ONLY. CONTRACTOR COOPERATION IS REQUIRED.



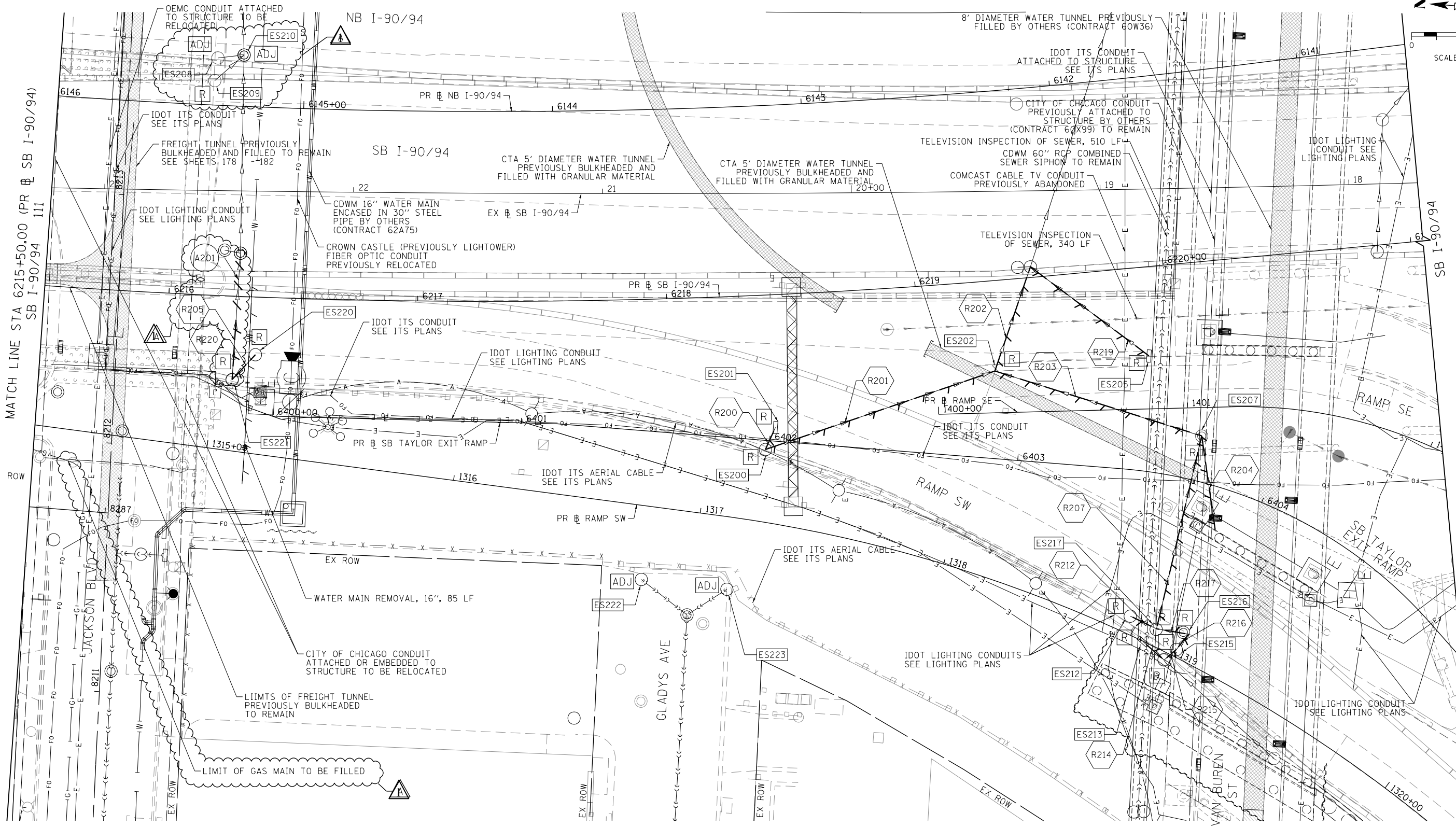
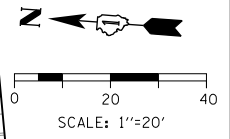
D162J31-SHT-EX-DRAIN-02.dgn	DESIGNED - MRC	REVISED - 10/10/2019
USER NAME = mrc155	DRAWN - NLD	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 10/14/2019	DATE - 8/16/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING DRAINAGE AND UTILITIES PLAN	
RAMP SW, RAMP SE AND SB TAYLOR EXIT RAMP	
SCALE: 1"=20'	SHEET 1 OF 2 SHEETS
STA. 6210+20.00 TO STA. 6215+50.00	

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	111
CONTRACT NO. 62J31				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\N\F\ECOM\NA-NW\1\electrom\line\local\ECOM_DS02_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase-1\1000_CAD\006_Roadway_Sheets\62J31_Contract\162J31-SHT-EX-DRAIN-02.dgn



EXISTING DRAINAGE AND UTILITIES LEGEND

- | | | | | | |
|---|---------------------------------------|-----|---|---|--|
| ⊙ | EXISTING MANHOLE | ADJ | DRAINAGE STRUCTURE TO BE ADJUSTED | — | STORM SEWER TO BE REMOVED BY OTHERS |
| ○ | EXISTING CATCH BASIN | REC | DRAINAGE STRUCTURE TO BE RECONSTRUCTED | — | COMBINED SEWER TO BE REMOVED BY OTHERS |
| □ | EXISTING INLET | A | DRAINAGE STRUCTURE TO BE ADJUSTED WITH NEW FRAME AND/OR LID | — | STORM SEWER TO BE FILLED AND ABANDONED BY OTHERS |
| ⊙ | MANHOLE TO BE INSTALLED BY OTHERS | R | DRAINAGE STRUCTURE TO BE REMOVED | — | STORM SEWER TO BE INSTALLED BY OTHERS |
| ● | CATCH BASIN TO BE INSTALLED BY OTHERS | RF | DRAINAGE STRUCTURE TO BE REMOVED TO MAINTAIN FLOW | — | STORM SEWER REMOVAL |
| ■ | INLET TO BE INSTALLED BY OTHERS | | | — | ABANDON AND FILL EXISTING STORM SEWER |

NOTES

1. STORM SEWERS TO BE INSTALLED BY OTHERS ARE SHOWN FOR INFORMATION ONLY. CONTRACTOR COOPERATION IS REQUIRED.



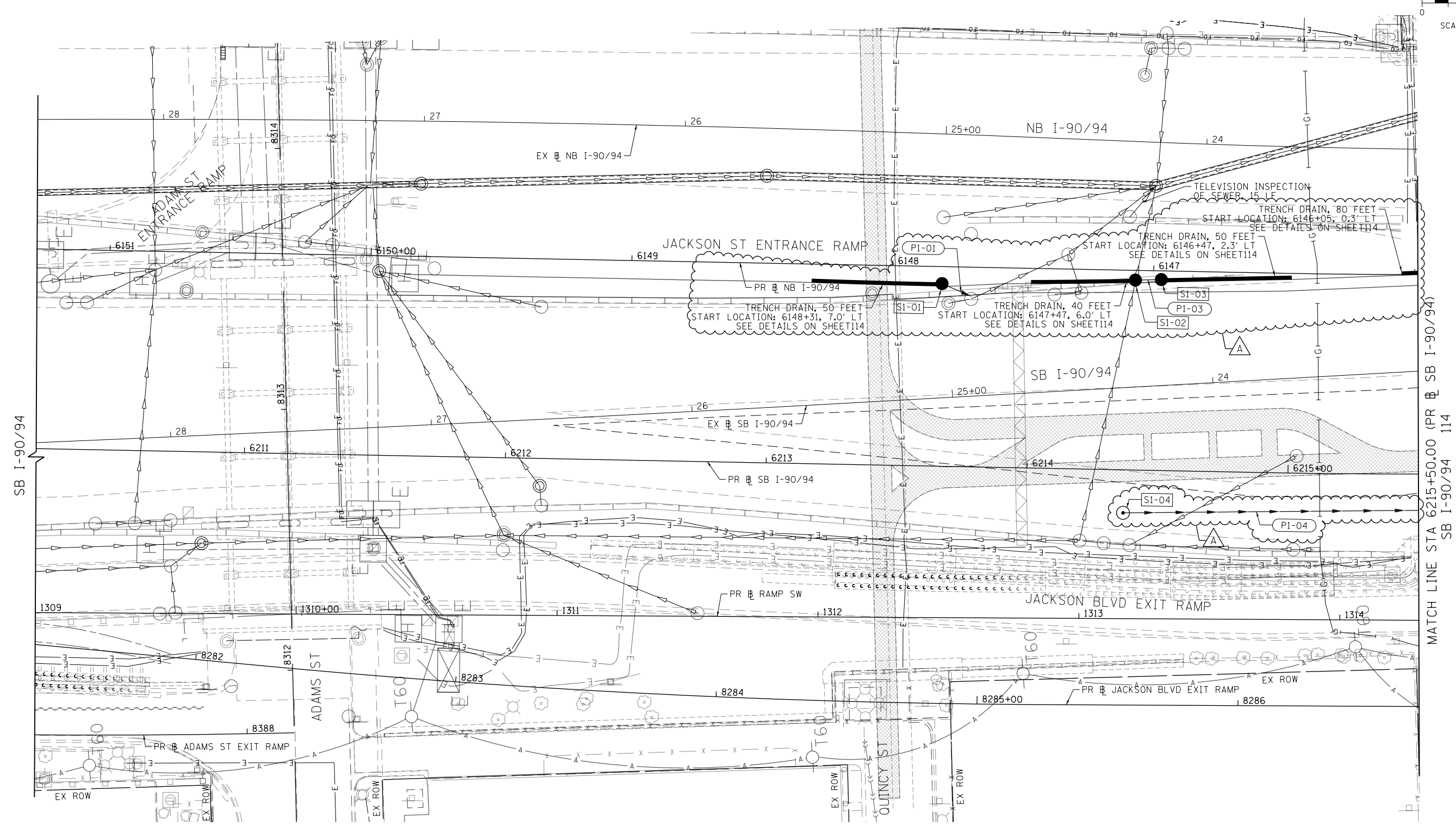
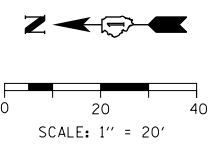
D162J31-SHT-EX-DRAIN-01.dgn	DESIGNED - MRC	REVISED - 10/10/2019
USER NAME = mrc155	DRAWN - NLD	REVISED -
PLOT SCALE = 40.0017' / 1"	CHECKED - JMG	REVISED -
PLOT DATE = 10/14/2019	DATE - 8/16/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING DRAINAGE AND UTILITIES PLAN
RAMP SW, RAMP SE AND SB TAYLOR EXIT RAMP**

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. 6215+50.00 TO STA. 6221+05.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	112
CONTRACT NO. 62J31				
ILLINOIS FED. AID PROJECT				



PROPOSED DRAINAGE AND UTILITIES LEGEND			
	EXISTING MANHOLE		PROPOSED MANHOLE
	EXISTING CATCH BASIN		PROPOSED CATCH BASIN
	EXISTING INLET		PROPOSED INLET
	MANHOLE TO BE INSTALLED BY OTHERS		EXISTING BRIDGE SCUPPER
	CATCH BASIN TO BE INSTALLED BY OTHERS		STORM SEWER TO BE INSTALLED BY OTHERS
	INLET TO BE INSTALLED BY OTHERS		ABANDON AND FILL EXISTING STORM SEWER
			PROPOSED STORM SEWER
			PROPOSED STORM SEWER TO BE INSTALLED BY OTHERS (62A76, 62A78, 60X94)

FILE PATH = p:\V\F\ECOM\NA-NW\Statecom\In\Local\ECOM_DS02_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase-1\000_CAD\006_Roadway_Sheets\62J31_Contract\DI62J31-SHT-DRAIN-02.dgn



DI62J31-SHT-DRAIN-02.dgn	DESIGNED - MRC	REVISED -	10/10/2019
USER NAME = mrc155	DRAWN - NLD	REVISED -	
PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -	
PLOT DATE = 10/14/2019	DATE - 8/16/2019	REVISED -	

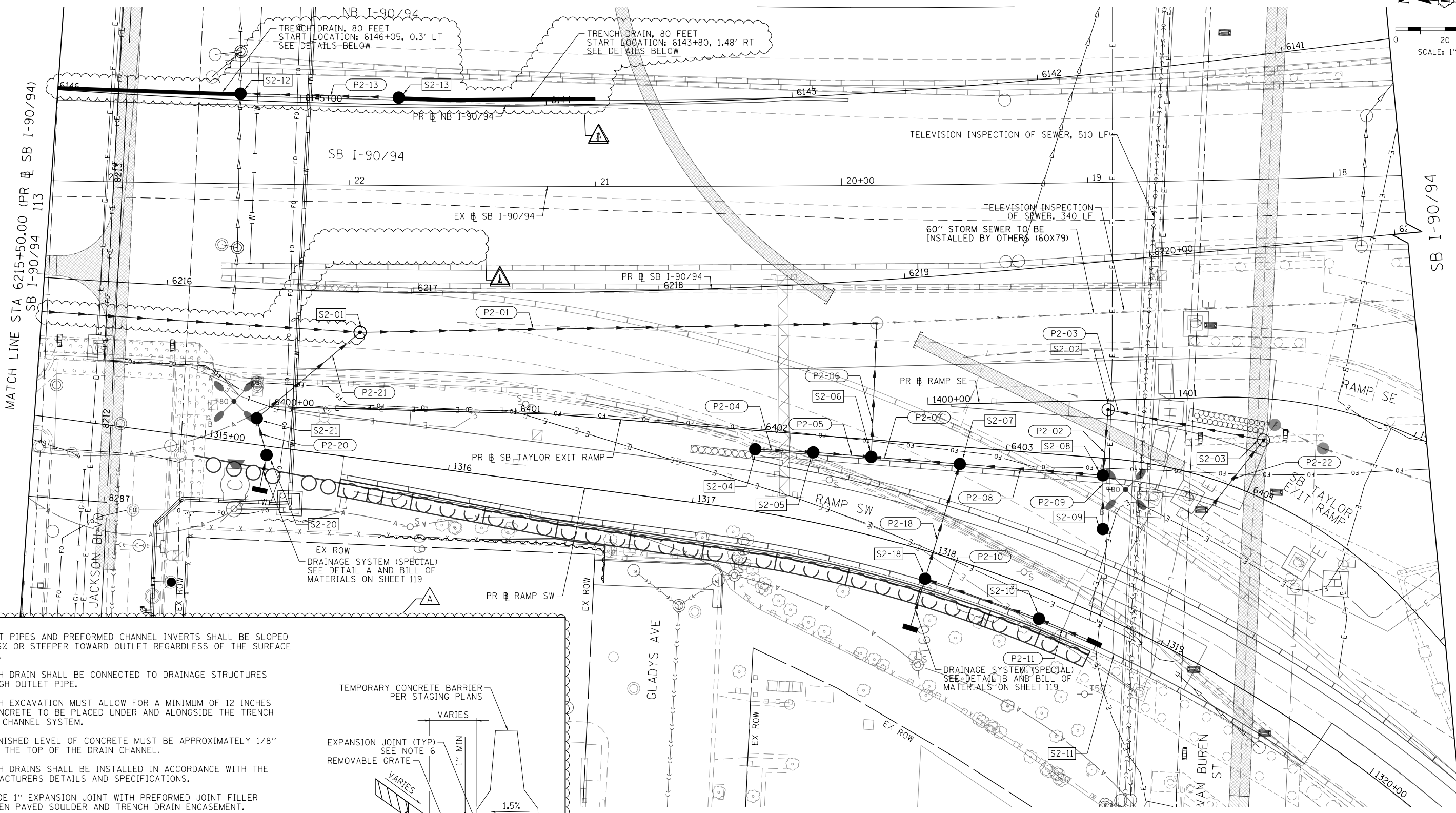
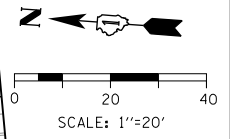
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE PLAN
RAMP SW, RAMP SE AND SB TAYLOR EXIT RAMP

SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. 6210+20.00 TO STA. 6215+50.00

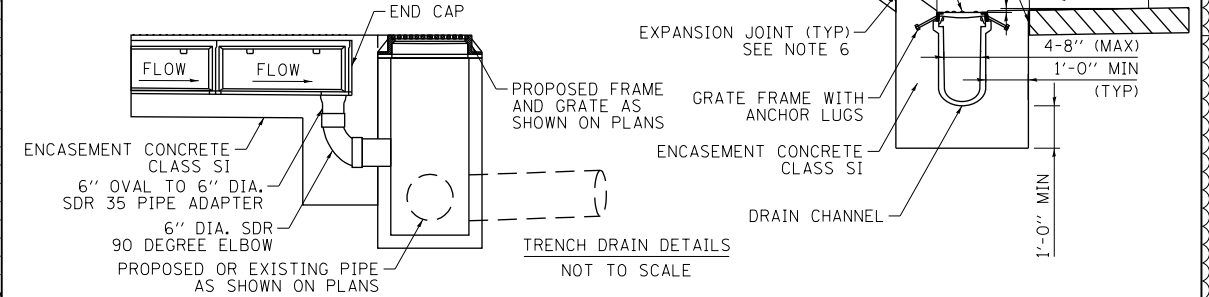
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	113
CONTRACT NO. 62J31				
ILLINOIS FED. AID PROJECT				

REV. 10/29/19



NOTES:

1. OUTLET PIPES AND PREFORMED CHANNEL INVERTS SHALL BE SLOPED AT 0.6% OR STEEPER TOWARD OUTLET REGARDLESS OF THE SURFACE SLOPE.
2. TRENCH DRAIN SHALL BE CONNECTED TO DRAINAGE STRUCTURES THROUGH OUTLET PIPE.
3. TRENCH EXCAVATION MUST ALLOW FOR A MINIMUM OF 12 INCHES OF CONCRETE TO BE PLACED UNDER AND ALONGSIDE THE TRENCH DRAIN CHANNEL SYSTEM.
4. THE FINISHED LEVEL OF CONCRETE MUST BE APPROXIMATELY 1/8" ABOVE THE TOP OF THE DRAIN CHANNEL.
5. TRENCH DRAINS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS DETAILS AND SPECIFICATIONS.
6. PROVIDE 1" EXPANSION JOINT WITH PREFORMED JOINT FILLER BETWEEN PAVED SHOULDER AND TRENCH DRAIN ENCASUREMENT.



PROPOSED DRAINAGE AND UTILITIES LEGEND

- | | | | | | |
|---|---------------------------------------|---|-------------------------|-----|--|
| ○ | EXISTING MANHOLE | ● | PROPOSED MANHOLE | --- | STORM SEWER TO BE INSTALLED BY OTHERS |
| ○ | EXISTING CATCH BASIN | ● | PROPOSED CATCH BASIN | --- | ABANDON AND FILL EXISTING STORM SEWER |
| ○ | EXISTING INLET | — | PROPOSED INLET | --- | PROPOSED STORM SEWER |
| ○ | MANHOLE TO BE INSTALLED BY OTHERS | — | EXISTING BRIDGE SCUPPER | --- | PROPOSED STORM SEWER TO BE INSTALLED BY OTHERS (62A76, 62A77, 60X94) |
| ● | CATCH BASIN TO BE INSTALLED BY OTHERS | | | | |
| — | INLET TO BE INSTALLED BY OTHERS | | | | |



D:\62331-SHT-DRAIN-01.dgn	DESIGNED - MRC	REVISED - 10/10/2019
USER NAME = mrc155	DRAWN - NLD	REVISED -
PLOT SCALE = 40.0017' / 1"	CHECKED - JMG	REVISED -
PLOT DATE = 10/14/2019	DATE - 8/16/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

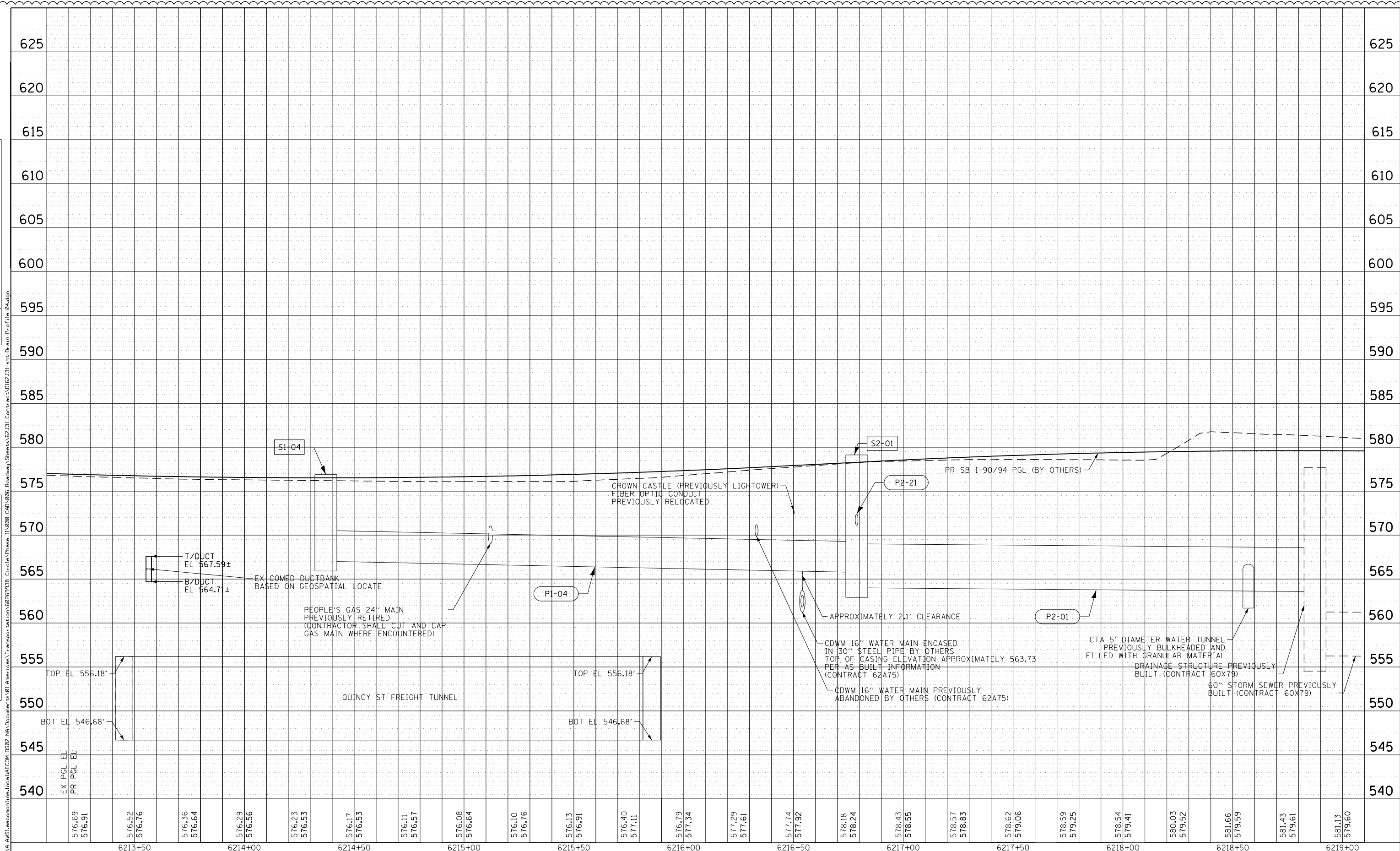
**PROPOSED DRAINAGE PLAN
RAMP SW, RAMP SE AND SB TAYLOR EXIT RAMP**
SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. 6215+50.00 TO STA. 6221+05.00

F.A.I. R.T.E. 90/94/290	SECTION 2019-054-I	COUNTY COOK	TOTAL SHEETS 400	SHEET NO. 114
CONTRACT NO. 62J31			ILLINOIS FED. AID PROJECT	

A

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

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
STRUCTURE	CHECKED	DATE
NOT AT THIS OFFICE	ALIGNMENT	
	FILE NAME	



576.69	576.91	576.52	576.76	576.36	576.64	576.29	576.56	576.23	576.53	576.17	576.53	576.11	576.57	576.08	576.64	576.10	576.76	576.13	576.91	576.40	577.11	576.79	577.34	577.29	577.61	577.74	577.92	578.18	578.24	578.43	578.55	578.57	578.83	578.62	579.06	578.59	579.25	578.54	579.41	580.03	579.52	581.66	579.59	581.43	579.61	581.13	579.60
6213+50		6214+00		6214+50		6215+00		6215+50		6216+00		6216+50		6217+00		6217+50		6218+00		6218+50		6219+00																									



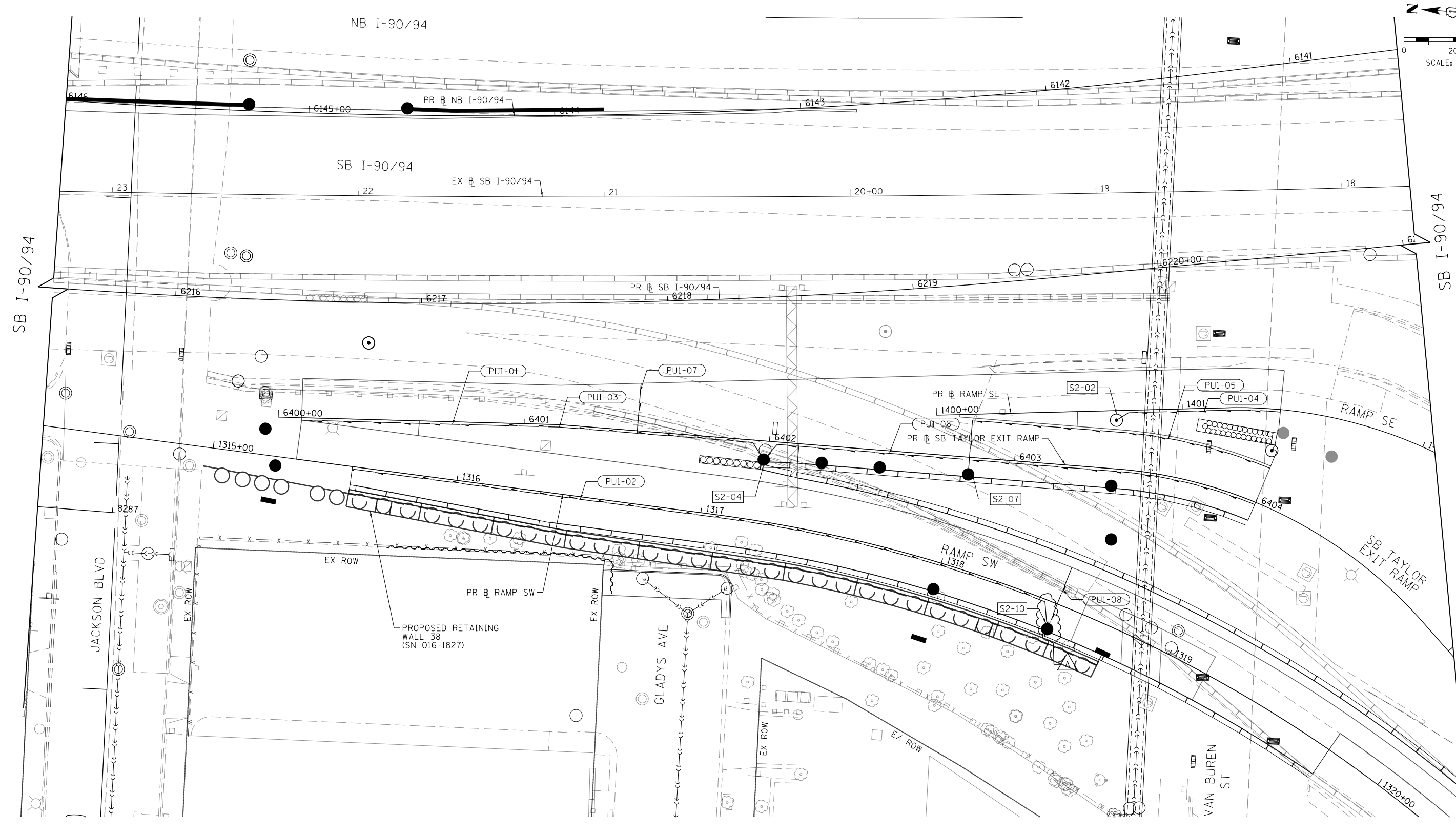
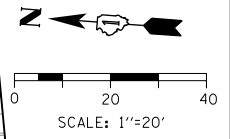
D162J31-sht-Drain-Profile-04.dgn	DESIGNED - MRC	REVISED - A 10/10/2019
USER NAME = mrc155	DRAWN - MRC	REVISED -
PLOT SCALE = 40.000000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 10/14/2019	DATE - 8/16/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE PROFILE	
SB I-9094	
SCALE: 1"=20'	SHEET 3A OF 3 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2019-054-I	COUNTY COOK	TOTAL SHEETS 400	SHEET NO. 117A
CONTRACT NO. 62J31				
ILLINOIS FED. AID PROJECT				

ADDED THIS SHEET 10/29/19



FILE PATH = p:\V\ECOM\NA-NV5\ecommon\line\local\I\COM_DS02_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\1000_CAD\006_Roadway_Sheets\62J31_Contract\DI62J31-sht-Drain-Subsurface-01.dgn



DI62J31-sht-Drain-Subsurface-01.dgn
 USER NAME = mrc155
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 10/7/2019

DESIGNED - MRC	REVISED - 10/10/2019
DRAWN - MRC	REVISED -
CHECKED - JMG	REVISED -
DATE - 8/16/2019	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUBSURFACE DRAINAGE PLAN
 RAMP SW, RAMP SE AND SB TAYLOR EXIT RAMP**


SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 6215+50.00 TO STA. 6221+05.00

F.A.I. RTE. 90/94/290	SECTION 2019-054-I	COUNTY COOK	TOTAL SHEETS 400	SHEET NO. 118
CONTRACT NO. 62J31			ILLINOIS FED. AID PROJECT	

SHEET INTENTIONALLY LEFT BLANK

FILE PATH = c:\necdm\m-nw\steeccom\lne\local\ecdm\DS02\NA\Documents\01\America's Transportation\60269938 Circle Phase 1\000_CAD\006_Roadway\Sheets\62J31_Contract\DI62J31-SHT-TUNNEL-NOTES.dgn



DI62J31-SHT-TUNNEL-NOTES.dgn	DESIGNED - JLV	REVISED -  10/10/2019
USER NAME = mrc1ss	DRAWN - AMK	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 10/20/2019	DATE - 8/16/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



**FREIGHT TUNNEL BULKHEADING GENERAL
NOTES AND CONSTRUCTION PROCEDURES**

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	178
				CONTRACT NO. 62J31

ILLINOIS FED. AID PROJECT

FILE PATH = p:\NE\COM-NR-NV5\elecmon\line\local\I\COM_DS02_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase-I\000_CAD\006_Roadway\Sheets\62J31_Contract\DI62J31-SHT-TUNNEL-NOTES.dgn

SHEET INTENTIONALLY LEFT BLANK



DI62J31-SHT-TUNNEL-NOTES.dgn	DESIGNED - JLV	REVISED -  10/10/2019
USER NAME = mrc1ss	DRAWN - AMK	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 10/20/2019	DATE - 8/16/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



**FREIGHT TUNNEL BULKHEADING GENERAL
NOTES AND CONSTRUCTION PROCEDURES**

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	179
CONTRACT NO. 62J31				

ILLINOIS FED. AID PROJECT

 REVISED ENTIRE SHEET 10/29/19



SHEET INTENTIONALLY LEFT BLANK

FILE PATH = p:\NECOM\NA-NV5\electcom\local\ecom\DS02\NA\Documents\01_Americas\Transportation\60269938_Circle\Phase\I\000_CAD\006_Roadway\Sheets\62J31_Contract\DI62J31-SHT-TUNNEL-01.dgn



DI62J31-SHT-TUNNEL-01.dgn	DESIGNED - JLV	REVISED - 10/10/2019
USER NAME = mrc1ss	DRAWN - AMK	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 10/20/2019	DATE - 8/16/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



FREIGHT TUNNEL BULKHEADING PLAN

SCALE: 1" = 20' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	180
CONTRACT NO. 62J31				


ILLINOIS FED. AID PROJECT

REVISED ENTIRE SHEET 10/29/19

FILE PATH = p:\NE\COM-NH-AWS\electcom\ne\local\COM_DS02_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\006_Roadway\Sheets\62J31_Contract\DI62J31-SHT-TUNNEL-02.dgn

SHEET INTENTIONALLY LEFT BLANK



DI62J31-SHT-TUNNEL-02.dgn	DESIGNED - HMA	REVISED -  10/10/2019
USER NAME = mrc1ss	DRAWN - AMK	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 10/20/2019	DATE - 8/16/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



**FREIGHT TUNNEL BULKHEADING PLAN
TEMPORARY BULKHEAD DETAILS**

SCALE: NONE SHEET 2 OF 3 SHEETS STA. TO STA.


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	181
				CONTRACT NO. 62J31

 REVISED ENTIRE SHEET 10/29/19

SHEET INTENTIONALLY LEFT BLANK

FILE PATH = p:\necdm\m-n\51\elecmon\line\local\ecdm\DS02\MA\Documents\01\America's Transportation\60269938 Circle Phase 1\000_CAD\006_Roadway\Sheets\62J31_Contract\DI62J31-SHT-TUNNEL-03.dgn



DI62J31-SHT-TUNNEL-03.dgn	DESIGNED - HMA	REVISED -  10/10/2019
USER NAME = mrc1ss	DRAWN - AMK	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 10/20/2019	DATE - 8/16/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



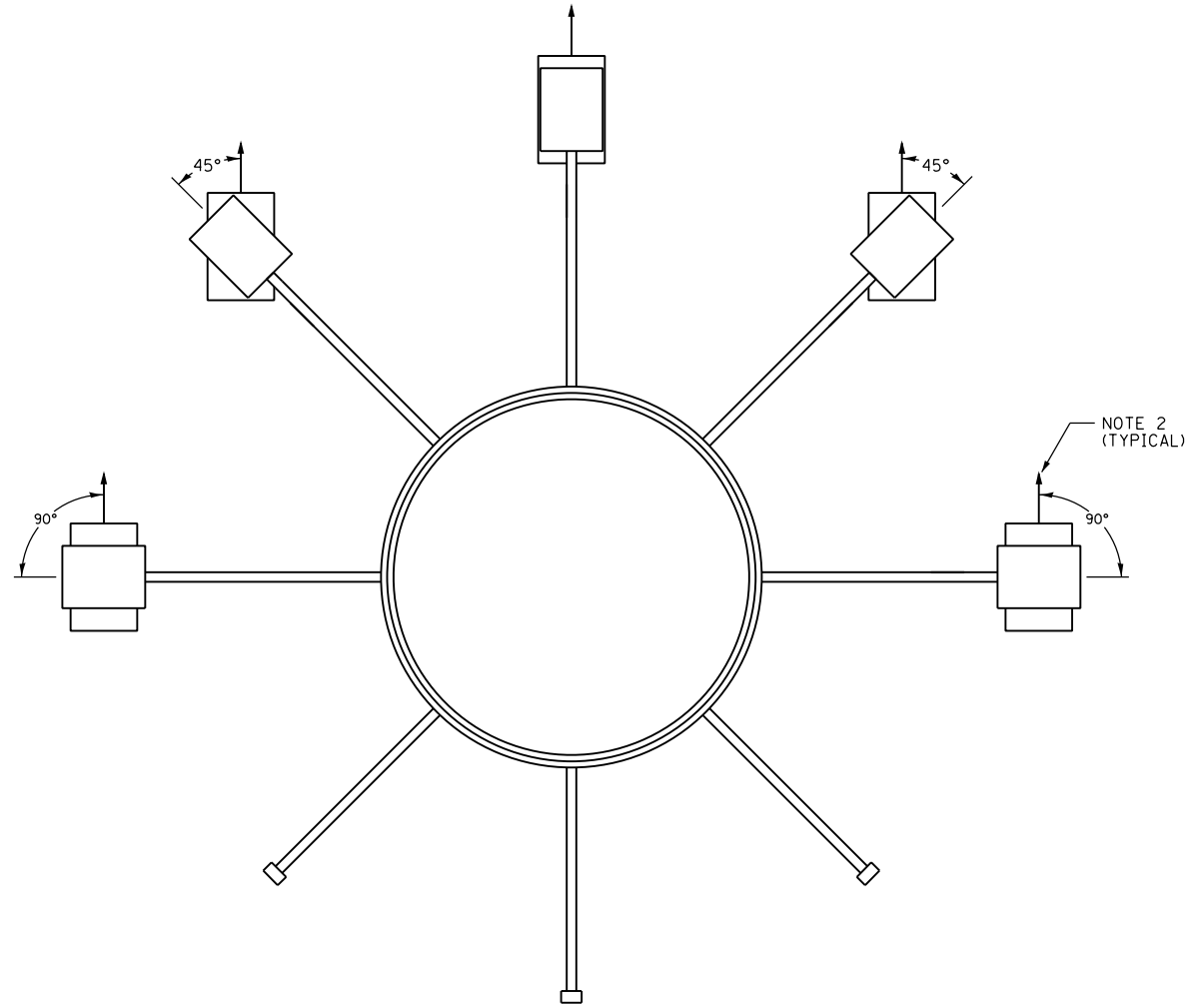
**FREIGHT TUNNEL BULKHEADING PLAN
CONCRETE BULKHEAD DETAILS**

SCALE: NONE SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	182
CONTRACT NO. 62J31				

SB I-90/94
EDGE OF PAVEMENT

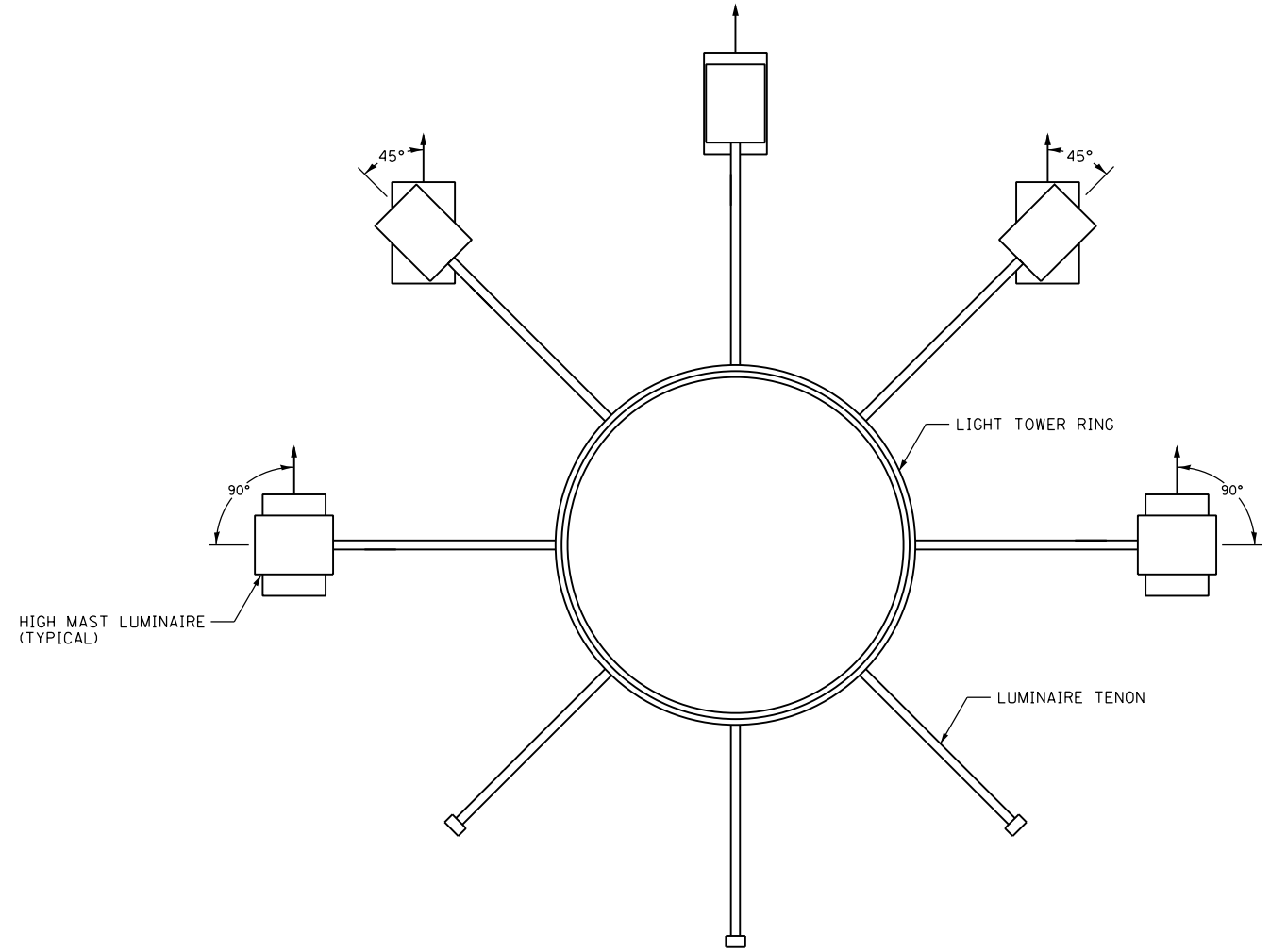
NOTE 3



8 LUMINAIRE RING - 5 UAB5

SB I-90/94
EDGE OF PAVEMENT

NOTE 3



8 LUMINAIRE RING - 5 UAB6

VIEW LOOKING FROM TOP OF LIGHT TOWERS

NOTES:

1. THESE ARE THE SAME LUMINAIRE ORIENTATIONS AS INDICATED ON DRAWING E-05. THESE ILLUSTRATIONS ARE INTENDED TO FACILITATE THE VERIFICATION OF CONTRACT COMPLIANCE.
2. LUMINAIRE DISTRIBUTION PATTERN DIRECTION AS INDICATED BY ARROW.
3. ROTATE THE LUMINAIRES TOWARDS THE ROADWAY AS SHOWN.

E-05A

FILE PATH = p:\AECOM\NA-AWS\electrical\local\AECOM_DS02_NA\Documents\01_Americas\Transportation\60269938_Circle Phase\1\000_CAD\01E.Electrical\Sheets\62J31-Contest\0162J31-sht-Light-05A



D162J31-sht-Light-05A	DESIGNED - TJL	REVISED - 10/10/2019
USER NAME = myersc	DRAWN - CAM	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - WDS	REVISED -
PLOT DATE = 10/7/2019	DATE - 8/16/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGH MAST LIGHT TOWER LUMINAIRE ORIENTATION

SCALE: N.T.S. SHEET 5A OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2019-054-I	COOK	400	208A
CONTRACT NO. 62J31				

ADDED SHEET 10/29/19

GENERAL NOTES:

1. Reinforcement bars designated (E) shall be epoxy coated.
2. The Contractor shall exercise extreme caution during construction to make certain that construction activities, live load surcharge and other loads applied to the structures will not have detrimental effects on the adjacent building foundations. Any damage during construction shall be repaired by the Contractor at his expense and no charge to the department. Driving piles and temporary sheet piling is not allowed.
3. The Contractor shall provide vibration and displacement monitoring at the locations specified in the Special Provisions for Construction Vibration Monitoring and Monitoring Adjacent Structures, to ensure that removal/construction activities in the vicinity of the structures do not have detrimental effects on building foundations. No additional compensation shall be provided to the Contractor for alternative means and methods, or additional precautionary measures, required during removal/ construction activities to satisfy these requirements. See Contract Special Provisions for details.
4. Drilled shaft construction above existing grade shall not be paid separately but shall be included with Drilled Shaft in Soil.
5. Slipforming of parapets is not allowed.
6. The Contractor shall field verify locations of existing underground utilities. The Contractor shall take precautions to protect existing utilities during construction of the wall. Any damage to the existing utilities shall be the responsibility of the Contractor.
7. Concrete for the Drilled Shafts shall be in accordance with Section 516 of Standard Specifications and shall have the minimum compressive strength of 7,000 psi prior to excavation in front of shafts and installation of lagging system.
8. Wall to be built along straight chords between construction and expansion joints.
9. Concrete Sealer shall be applied to the exposed top, front, and back faces of the parapet, and to the exposed front faces of cap and fascia panels.
10. Limited groundwater elevation data is available in the boring logs. In addition, groundwater may also be present in deeper granular layers. The Contractor may rise in the shafts to an elevation above the top of granular layers. The Contractor shall consider this information when choosing construction methods. The Contractor will not be compensated for issues related to the groundwater elevation.
11. The Contractor shall take all necessary precautions not to contaminate groundwater during the drilled shaft construction operation. Contractor is responsible for the proper containment and disposal of the contaminated groundwater and spoils resulting from the Contractor's means and methods. No additional cost will be paid for this effort.
12. Due to the squeeze potential of the clay soils, the use of temporary casing will be required to properly construct the shafts. Casing may be pulled or remain in place, as determined by the Contractor at no cost to the Department.
13. The contractor shall coordinate the construction of the proposed structure with the construction of the Proposed Bridge and Southwest Wingwall of the Jackson Blvd. Bridge. See MOT plan sheets and special provisions, including the Available Work Areas and Sequencing Requirements special provision, for additional construction and coordination requirements.

TOTAL BILL OF MATERIAL

Item	Unit	Total Quantity
Structure Excavation	Cu. Yd.	783
Concrete Structures	Cu. Yd.	325.3
Concrete Superstructure	Cu. Yd.	144.6
Reinforcement Bars	Pound	572,630
Reinforcement Bars, Epoxy Coated	Pound	28,730
Mechanical Splicers	Each	744
Name Plates	Each	1
Drilled Shaft in Soil	Cu. Yd.	2,434.8
Temporary Soil Retention System	Sq. Ft.	512
Concrete Sealer	Sq. Ft.	9,454
Class SI Concrete (Miscellaneous)	Cu. Yd.	237.1
Crosshole Sonic Logging Access Ducts	Foot	2,325
Crosshole Sonic Logging Testing	Each	7
Slope Inclinometer	Each	1
Bonded Preformed Joint Sealer, 2"	Foot	28
Pipe Underdrains for Structures 4"	Foot	314

TABLE 1 - WALL ELEVATIONS

Station	Offset	Elevation A	Elevation B	Elevation C	Elevation D	Elevation E	Elevation F	Elevation G	Elevation H
1315+57.01	9.41' Rt.	577.18	574.94	580.68	588.61	600.11	587.97	590.94	586.94
1315+86.97	11.08' Rt.	577.13	574.94	580.63	593.80	600.11	589.25	590.94	586.94
† 1316+16.92	12.75' Rt.	577.01	574.94	580.51	593.53	600.11	590.77	590.94	586.94
†† 1316+16.92	12.75' Rt.	577.01	574.78	580.51	593.53	598.28	590.77	590.94	586.94
1316+46.87	14.41' Rt.	576.83	574.78	580.33	593.53	598.28	590.95	590.94	586.94
1316+76.87	14.87' Rt.	576.63	573.86	580.13	594.28	598.28	590.90	590.94	586.94
1317+06.87	15.32' Rt.	576.36	573.86	579.86	594.28	598.28	590.65	590.94	586.94
1317+37.67	15.00' Rt.	575.91	573.86	579.41	593.29	598.28	587.24	590.94	586.94
1317+68.48	15.00' Rt.	575.46	572.78	578.96	593.15	598.28	584.69	590.94	586.94
† 1317+99.29	15.00' Rt.	575.08	572.78	578.58	592.97	598.28	583.44	590.94	586.94
†† 1318+30.10	15.00' Rt.	574.79	572.78	578.29	593.75	598.28	582.56	590.94	586.94
1318+30.10	15.00' Rt.	574.79	572.53	578.29	593.75	599.86	582.56	590.94	586.94
1318+52.51	15.00' Rt.	574.65	572.53	578.15	594.68	599.86	581.85	590.94	586.94
1318+74.91	15.00' Rt.	574.58	572.53	578.08	595.86	599.86	581.41	590.94	586.94

Elevation A- Finished Grade at Front Face of Barrier
 Elevation B- Bottom of Fascia Panel
 Elevation C- Top of Barrier at Front Face of Wall
 Elevation D- Finished Grade at Back Face of Wall
 Elevation E- Top of Parapet

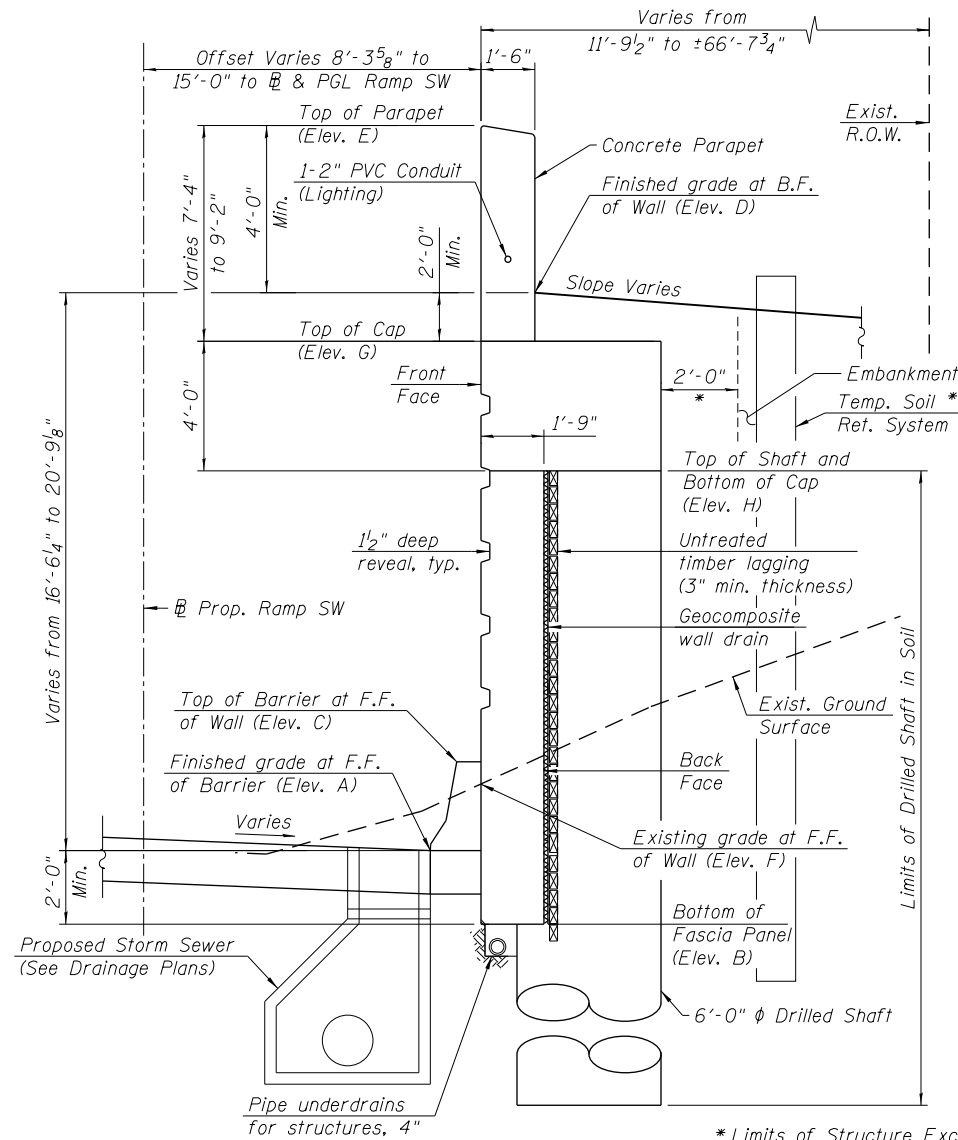
Elevation F- Existing Grade at Front Face of Wall
 Elevation G- Top of Cap
 Elevation H- Top of Shaft / Bottom of Cap
 † Elevations just to the right of joint
 †† Elevations just to the left of joint

STATION 1315+57.01 TO 1318+74.91
 BUILT 20__ BY
 STATE OF ILLINOIS
 F.A.I. RT. 290 SEC. 2019-054-I
 LOADING HL-93
 STR. NO. 016-1827

NAME PLATE
 See Std. 515001

INDEX OF SHEETS

- S1-01 General Plan and Elevation
- S1-02 General Data
- S1-03 Plan and Elevation 1
- S1-04 Plan and Elevation 2
- S1-05 Plan and Elevation 3
- S1-06 Plan and Elevation 4
- S1-07 Wall Sections and Details 1
- S1-08 Wall Sections and Details 2
- S1-09 Wall Sections and Details 3
- S1-10 Architectural Details
- S1-11 Bar Splicer Assembly and Mechanical Splicer Details
- S1-12 Boring Logs 1
- S1-13 Boring Logs 2
- S1-14 Boring Logs 3
- S1-15 Boring Logs 4



TYPICAL CROSS SECTION
 (Looking Upstation)

* Limits of Structure Excavation.
 ** See Sheet S1-03 of S1-15 for Limits of Temporary Soil Retention System.

12/15/19 PM 01:16:27-62J31-S002-GenNote.dgn



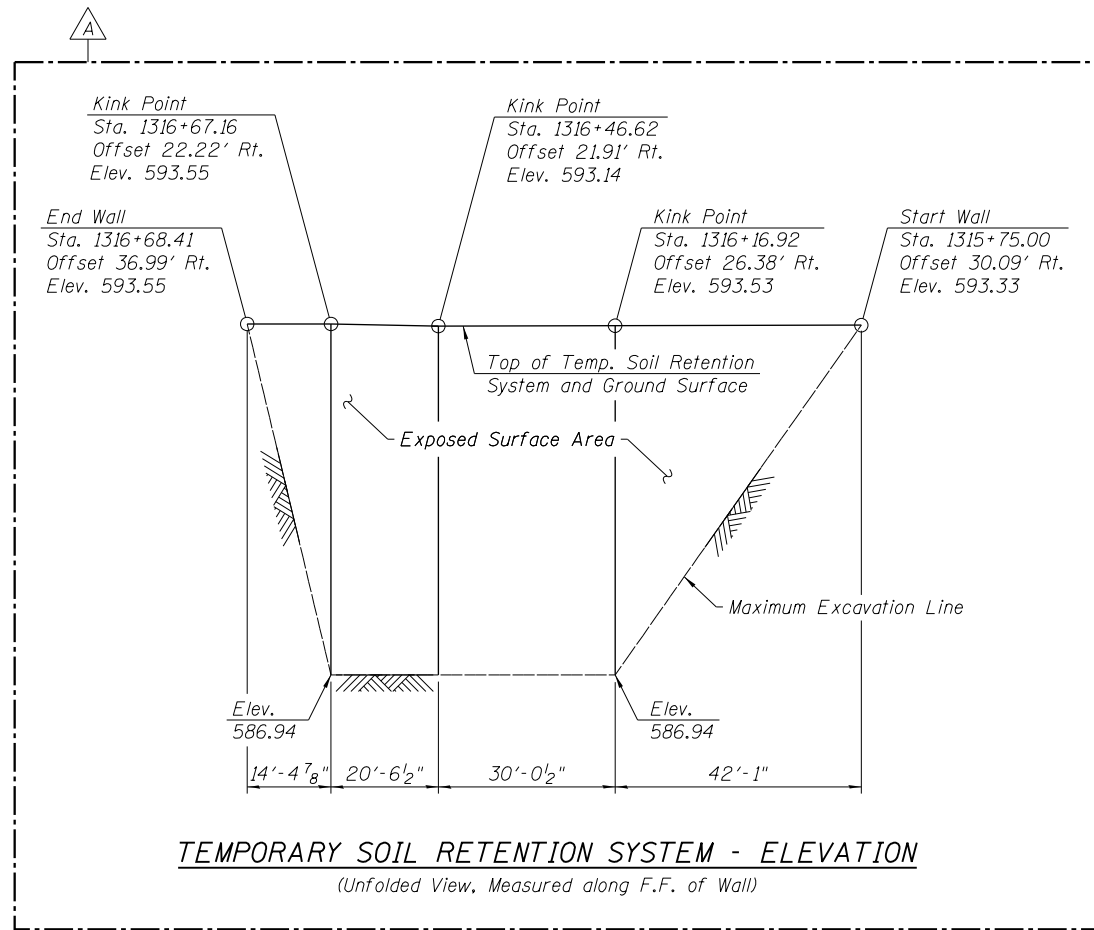
USER NAME = lfpeters	DESIGNED - KRS	REVISED - 10/10/2019 LFP
PLOT SCALE = 0.1667' / in.	CHECKED - DJG	REVISED -
PLOT DATE = 10/18/2019	DRAWN - AJD	REVISED -
	CHECKED - KRS	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

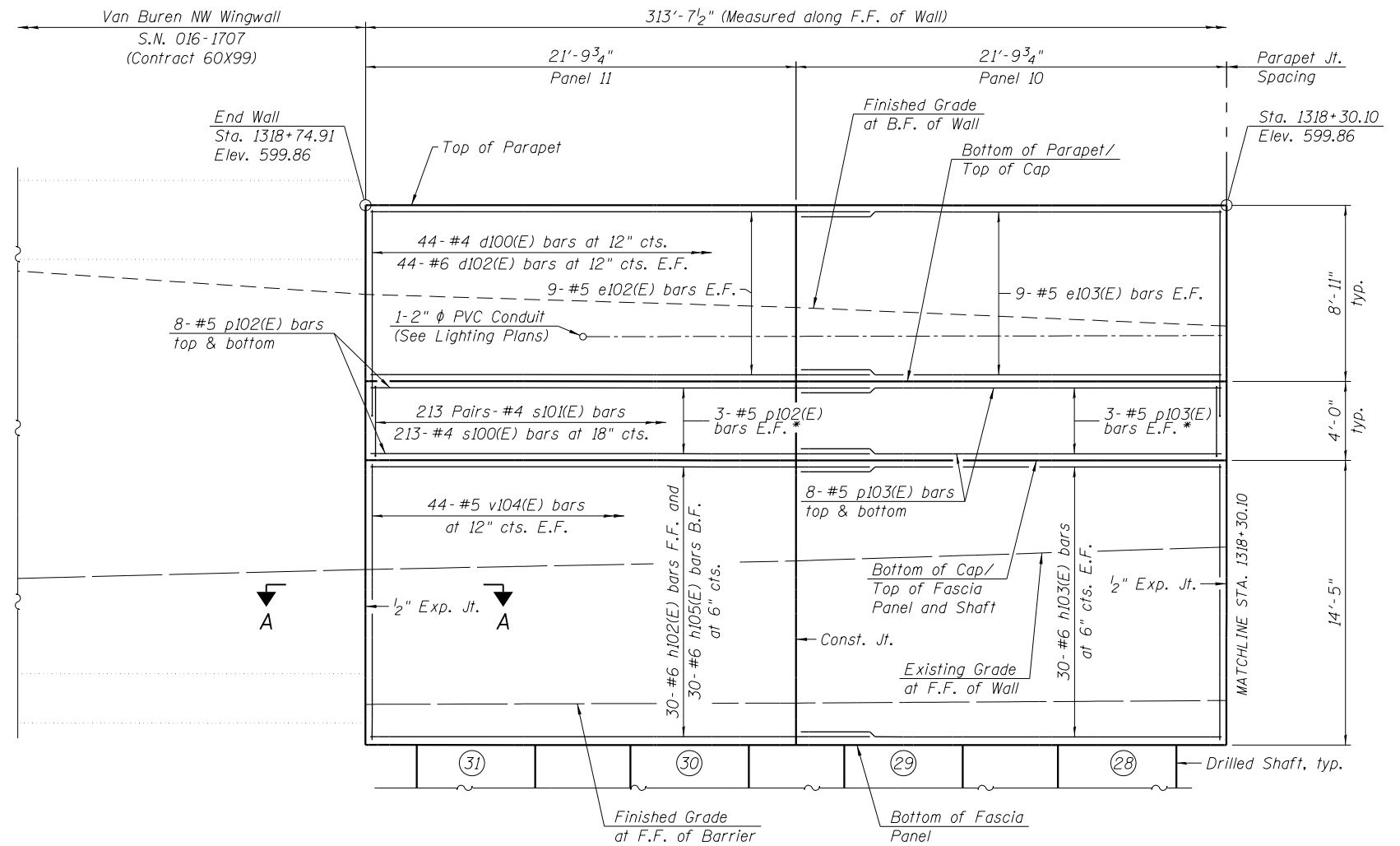
GENERAL DATA
RETAINING WALL 38 (STRUCTURE NO. 016-1827)

SHEET NO. S1-02 OF S1-15 SHEETS

F.A.I. RTE. 290	SECTION 2019-054-I	COUNTY COOK	TOTAL SHEETS 400	SHEET NO. 294
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62J31	



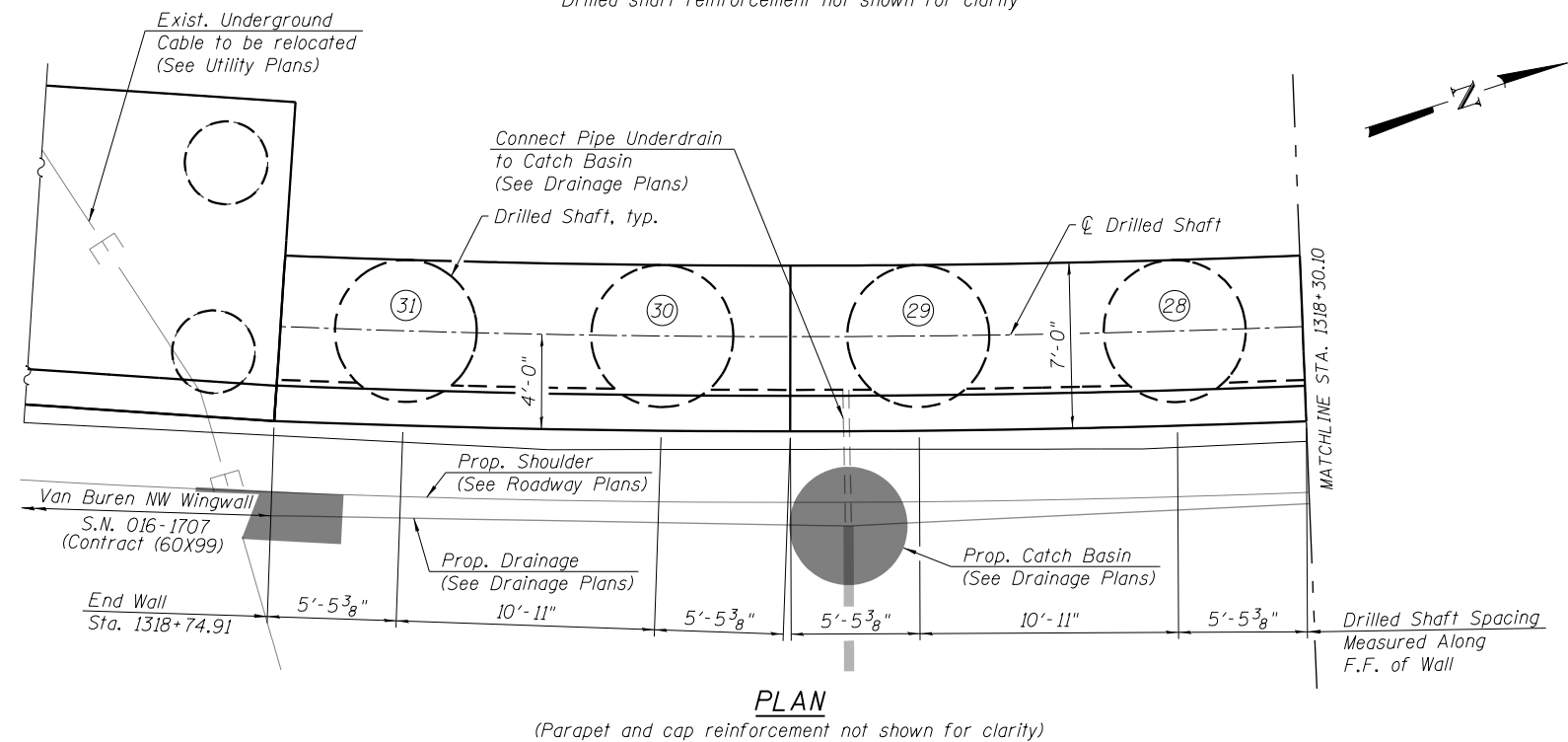
TEMPORARY SOIL RETENTION SYSTEM - ELEVATION
(Unfolded View, Measured along F.F. of Wall)



WALL ELEVATION

(Looking West)
Drilled shaft reinforcement not shown for clarity

* Spaced evenly between shown bars.



PLAN

(Parapet and cap reinforcement not shown for clarity)

Notes:
Work this sheet with Sheets S1-03 to S1-09 of S1-15.

F.F. = Front Face
B.F. = Back Face
E.F. = Each Face

Parapet concrete shall be paid for as Concrete Superstructure.
Shaft Cap shall be paid for as Concrete Structures.
Concrete fascia panels shall be paid as Class SI Concrete (Miscellaneous).
Drilled Shafts shall be tested in accordance with Special Provision for Crosshole Sonic Logging Testing of Drilled Shafts.
See Drilled Shaft Layout Table on Sheet S1-09 of S1-15.
See Sheet S1-10 of S1-15 for details on architectural reveals and joint between cap and fascia panels.
A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer.

12/16/24 PM 0161827-62J31-S003-ElevDetails.1.dgn



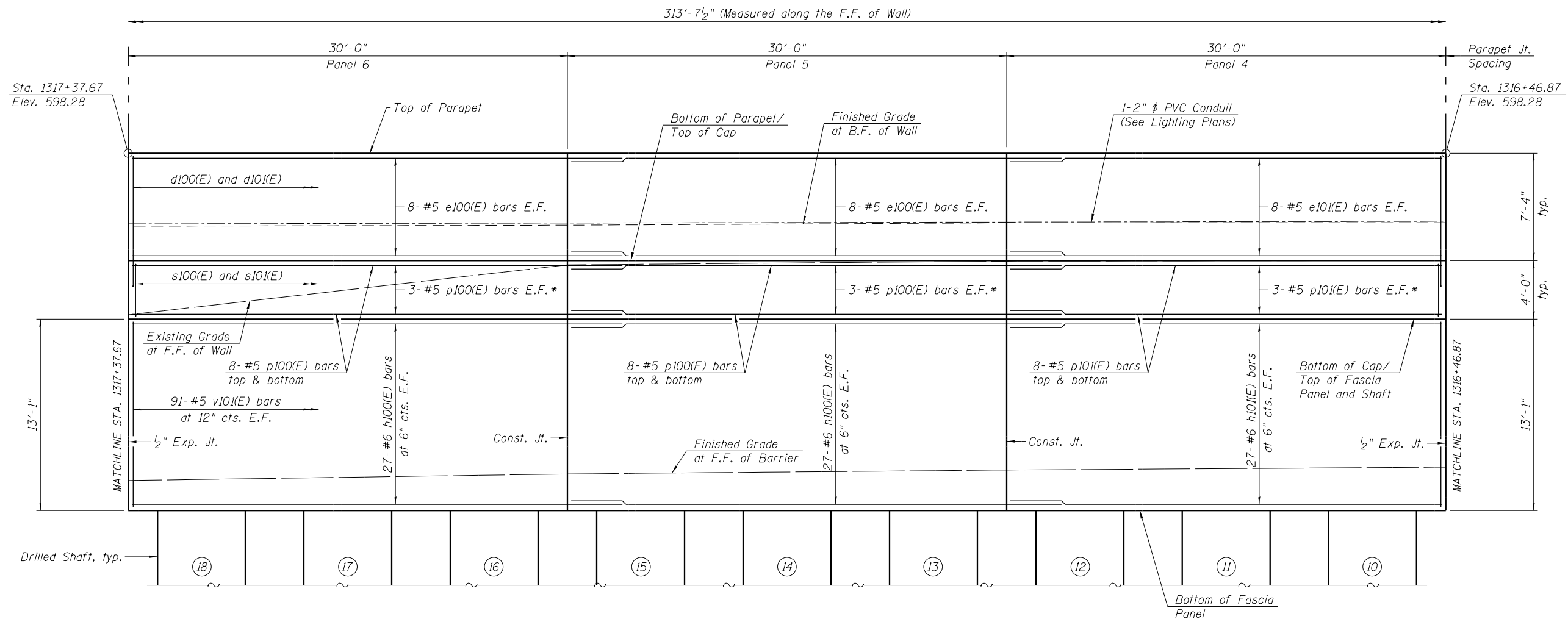
USER NAME = ifpeters	DESIGNED - KRS	REVISED - 10/10/2019 LFP
	CHECKED - DJG	REVISED -
PLOT SCALE = 0/2" = 1'	DRAWN - AJD	REVISED -
PLOT DATE = 10/18/2019	CHECKED - KRS	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN AND ELEVATION 1
RETAINING WALL 38 (STRUCTURE NO. 016-1827)**

SHEET NO. S1-03 OF S1-15 SHEETS

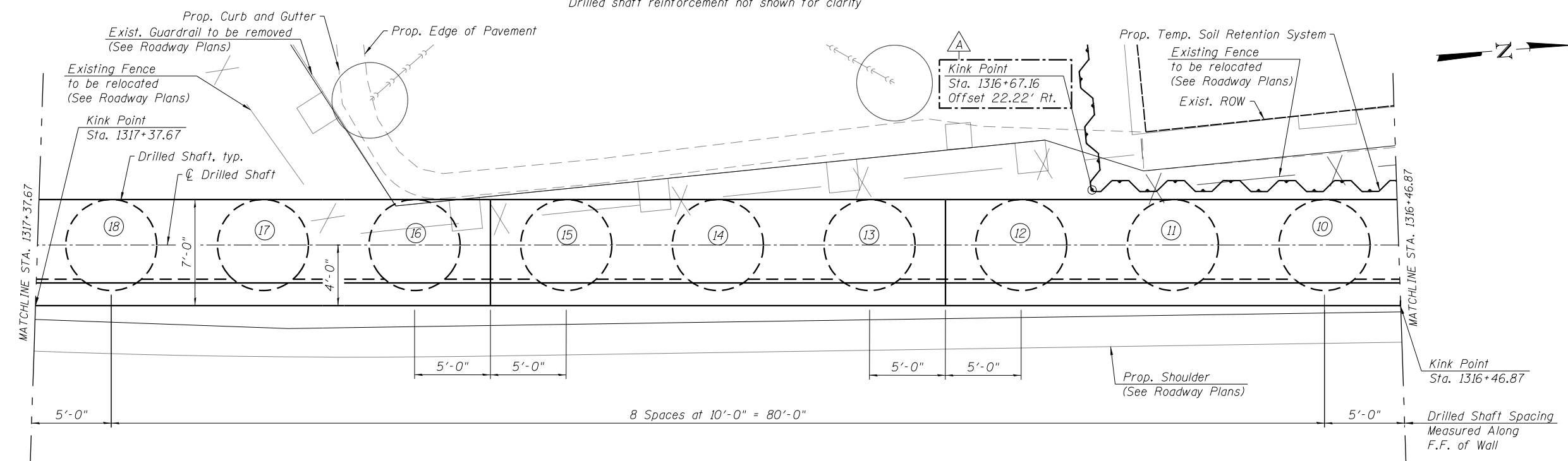
F.A.I. RTE. 290	SECTION 2019-054-1	COUNTY COOK	TOTAL SHEETS 400	SHEET NO. 295
CONTRACT NO. 62J31			ILLINOIS FED. AID PROJECT	



WALL ELEVATION
(Looking West)

Drilled shaft reinforcement not shown for clarity

* Spaced evenly between shown bars.



PLAN

(Parapet and cap reinforcement not shown for clarity)

Notes:
F.F. = Front Face
B.F. = Back Face
E.F. = Each Face
See additional notes on Sheet S1-03 of S1-15.

12/17/11 PM 0161827-62J31-S005-ElevDetails_3.dgn



USER NAME = lfpeters	DESIGNED - KRS	REVISION 10/10/2019 LFP
PLOT SCALE = 0.1667' / 1"	CHECKED - DJG	REVISION
PLOT DATE = 10/18/2019	DRAWN - AJD	REVISION
	CHECKED - KRS	REVISION

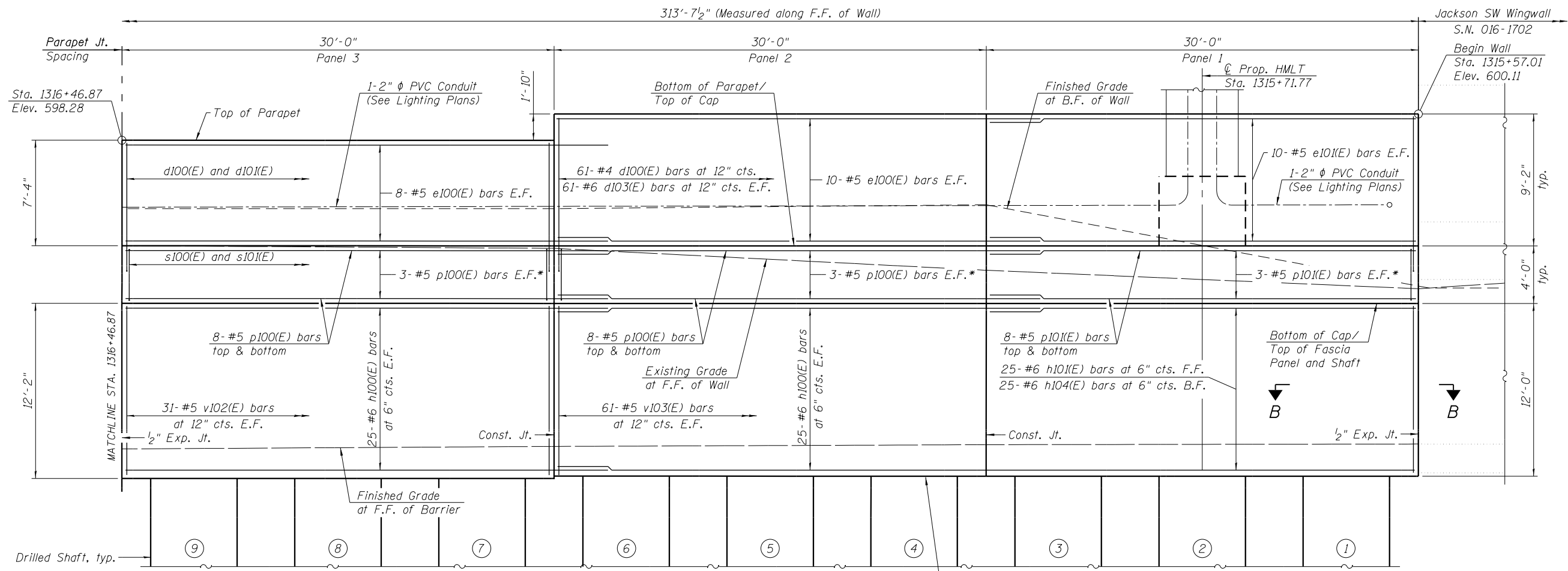
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND ELEVATION 3
RETAINING WALL 38 (STRUCTURE NO. 016-1827)

SHEET NO. S1-05 OF S1-15 SHEETS

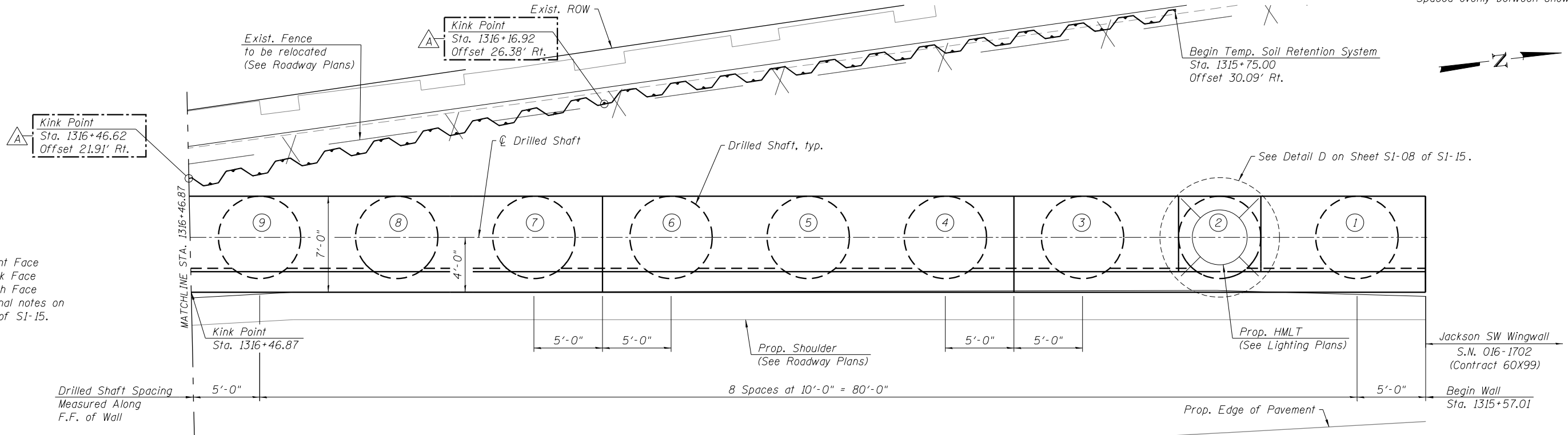
F.A.I. RTE. 290	SECTION 2019-054-1	COUNTY COOK	TOTAL SHEETS 400	SHEET NO. 297
CONTRACT NO. 62J31			ILLINOIS FED. AID PROJECT	

REV. 10/29/19



WALL ELEVATION

(Looking West)
Drilled shaft reinforcement not shown for clarity



PLAN

(Parapet and cap reinforcement not shown for clarity)

Notes:
F.F. = Front Face
B.F. = Back Face
E.F. = Each Face
See additional notes on Sheet S1-03 of S1-15.

12/17/19 12:17:39 PM 0161627-62J31-S006-ElevDetails_4.dgn



USER NAME = lfpeters	DESIGNED - KRS	REVISED - 10/10/2019 LFP
PLOT SCALE = 0.1667' / in.	CHECKED - DJG	REVISED -
PLOT DATE = 10/18/2019	DRAWN - AJD	REVISED -
	CHECKED - KRS	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND ELEVATION 4
RETAINING WALL 38 (STRUCTURE NO. 016-1827)

SHEET NO. S1-06 OF S1-15 SHEETS

F.A.I. RTE. 290	SECTION 2019-054-1	COUNTY COOK	TOTAL SHEETS 400	SHEET NO. 298
CONTRACT NO. 62J31			ILLINOIS FED. AID PROJECT	

REV. 10/29/19