

FOR INDEX OF SHEETS AND STANDARDS SEE SHEET NO. 2

STATE OF ILLINOIS 08-04-2017 LETTING ITEM 019  
 DEPARTMENT OF TRANSPORTATION

PROJECT LOCATED IN CITY OF CHICAGO \*275+2=277 total sheets  
 D-91-227-13



LOCATION OF SECTION INDICATED THUS: -



STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUBMITTED *M. F. 20 17*  
*6/30 20 17*  
*Maureen M. Addis P.E.*  
 REGIONAL ENGINEER  
 ENGINEER OF DESIGN AND ENVIRONMENT

*June 30 20 17*  
*Maureen M. Addis*  
 DIRECTOR OF PROGRAM DEVELOPMENT

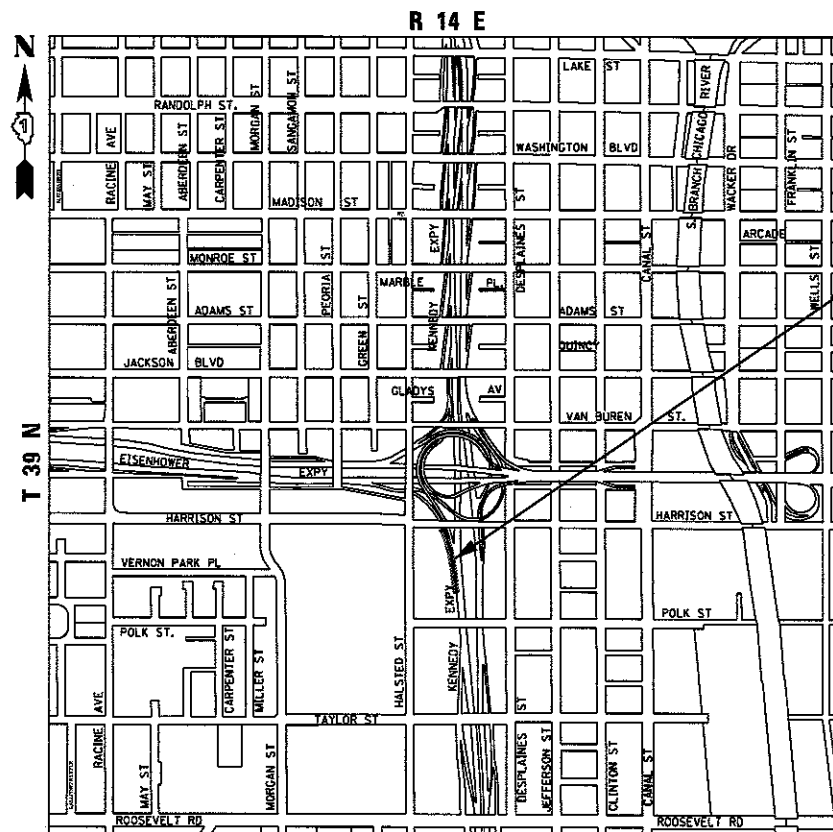
PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

**PROPOSED HIGHWAY PLANS**

FAI ROUTE 9094 AT I-290/CONGRESS PARKWAY (I-90/94)  
 (JANE BYRNE INTERCHANGE)  
 HARRISON TO POLK STREET  
 SECTION 2015-022-1  
 WATER MAIN RELOCATION/REHABILITATION  
 AND RETAINING WALL 10 NEAR UIC

PROJECT: NHPP-000V(126)  
 COOK COUNTY  
 C-91-308-15

NPDES PERMIT INFORMATION	
NPDES Disturbed Area =	2.06 Acres
Approximate Location of Roadway is :	
Longitude	87° 39' 6" W
Latitude	41° 52' 32" N



LOCATION MAP

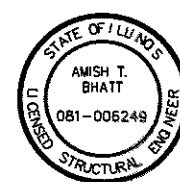
NOT TO SCALE

GROSS LENGTH = 656.63 FT (0.125 MILES)  
 NET LENGTH = 656.63 FT (0.125 MILES)

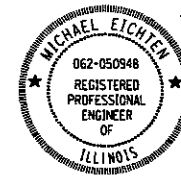
DESIGN DESIGNATIONS: RAMP ES EB TAYLOR EXIT RAMP  
 POSTED DESIGN SPEEDS: 44,000(2040) INTERSTATE 2,000(2040) INTERSTATE  
 40 /40 MPH 35 /35 MPH



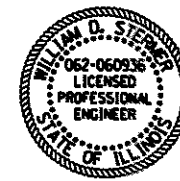
*D.B. Manojlovski* 5/5/17  
 DANNY B. MANOJLOVSKI, P.E. DATE  
 LICENSE EXPIRES 11/30/2017  
 SHEET RANGE



*Amish T. Bhatt* 5/5/17  
 AMISH T. BHATT, P.E., S.E. DATE  
 LICENSE EXPIRES 11/30/2018  
 SHEET RANGE



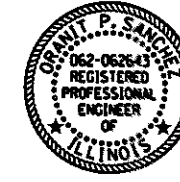
*Michael J. Eichten* 5/5/17  
 MICHAEL J. EICHTEN, P.E. DATE  
 LICENSE EXPIRES 11/30/2017  
 SHEET RANGE



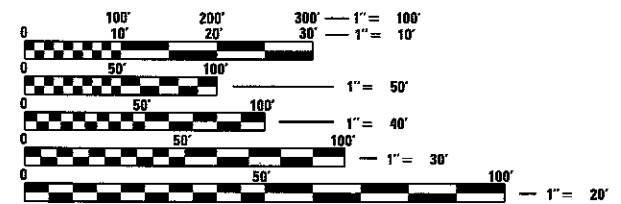
*William D. Stermer* 5/5/17  
 WILLIAM D. STERMER, P.E. DATE  
 LICENSE EXPIRES 11/30/2017  
 SHEET RANGE



*Chad R. Laucamp* 5/5/17  
 CHAD R. LAUCAMP, P.E. DATE  
 LICENSE EXPIRES 11/30/2017  
 SHEET RANGE



*Oranit P. Sanchez* 5/5/17  
 ORANIT P. SANCHEZ, P.E. DATE  
 LICENSE EXPIRES 11/30/2017  
 SHEET RANGE



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. 62A74

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

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**HIGHWAY STANDARDS**

000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS  
 001001-02 AREAS OF REINFORCEMENT BARS  
 001006 DECIMAL OF AN INCH AND OF A FOOT  
 280001-07 TEMPORARY EROSION CONTROL SYSTEMS  
 515001-03 NAME PLATE FOR BRIDGES  
 601001-05 PIPE UNDERDRAINS  
 602001-02 CATCH BASIN TYPE A  
 602301-04 INLET - TYPE A  
 602401-03 MANHOLE TYPE A  
 602601-04 PRECAST REINFORCED CONCRETE FLAT SLAB TOP  
 602701-02 MANHOLE STEPS  
 604001-04 FRAME AND LIDS TYPE 1  
 604026-03 FRAME AND GRATE TYPE 6  
 604036-03 GRATE TYPE 8  
 604071-05 FRAME AND GRATE TYPE 20  
 606101-05 TYPE A GUTTER (INLET, OUTLET & ENTRANCE)  
 635001-02 DELINEATORS  
 664001-02 CHAIN LINK FENCE  
 701400-09 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY  
 701401-10 LANE CLOSURE, FREEWAY/EXPRESSWAY  
 701411-09 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH  
 701428-01 TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY  
 701446-08 TWO LANE CLOSURE, FREEWAY/EXPRESSWAY  
 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE  
 701901-06 TRAFFIC CONTROL DEVICES  
 704001-08 TEMPORARY CONCRETE BARRIER  
 720001-01 SIGN PANEL MOUNTING DETAILS  
 720006-04 SIGN PANEL ERECTION DETAILS  
 728001-01 TELESCOPING STEEL SIGN SUPPORT  
 729001-01 APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)  
 780001-05 TYPICAL PAVEMENT MARKINGS  
 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS  
 782006 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS  
 814001-03 HANDHOLES

**DISTRICT 1 STANDARDS**

BD-07 DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER  
 BD-08 FRAMES AND LIDS ADJUSTMENT WITH MILLING  
 BD-48 PCC PAVEMENT ROUNDOUTS AT CURB AND GUTTER  
 BD-51 BENCHING DETAIL FOR EMBANKMENT WIDENING  
 BE-701 LUMINAIRE SAFETY CABLE ASSEMBLY  
 BE-702 MISCELLANEOUS ELECTRICAL DETAILS, SHEET A - (CABLE SPLICE, POLE WIRING, TRENCH DETAIL)  
 BE-800 TEMPORARY LIGHT POLE  
 BE-801 TEMPORARY AERIAL CABLE INSTALLATION  
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 TC-24 CITY OF CHICAGO TYPICAL PAVEMENT MARKING  
 TC-26 DRIVEWAY ENTRANCE SIGNING

**COMMITMENTS**

1. CONSTRUCTION NOISE AND CONSTRUCTION VIBRATION SHALL FOLLOW THE ENVIRONMENTAL COMMITMENT OUTLINED IN THE ENVIRONMENTAL ASSESSMENT - INCLUDED IN THE CONTRACT DOCUMENTS.
2. PROVISIONS FOR THE AIR QUALITY MONITORING PROGRAM SHALL FOLLOW THE ENVIRONMENTAL COMMITMENT OUTLINED IN THE ENVIRONMENTAL ASSESSMENT AND ERRATA - INCLUDED IN THE CONTRACT DOCUMENTS.

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PLOT DATE = 5/15/2017	DATE - 05/15/2017	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

INDEX OF DRAWINGS AND HIGHWAY STANDARDS	
SCALE: NONE	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-1	COOK	275	2
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				



0004

0021

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FED 10% STATE ROADWAY	100% STATE ROADWAY	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE NOISE ABATEMENT WALL	90% FED 10% STATE HIGHWAY LIGHTING	90% FED 10% STATE ROADWAY LIGHTING
				0004 ✓	0004 ✓	0004	0004	0021 ✓	0021 ✓
				URBAN	URBAN	016-1729	NONE	URBAN	URBAN
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	410	410					
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	324	324					
20101000	TEMPORARY FENCE	FOOT	40	40					
20101100	TREE TRUNK PROTECTION	EACH	2	2					
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	2	2					
20200100	EARTH EXCAVATION	CU YD	17145	17145					
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1270	1270					
20800150	TRENCH BACKFILL	CU YD	1079.8	1079.8					
20900110	POROUS GRANULAR BACKFILL	CU YD	118	118					
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	4489	4489					
21101625	TOPSOIL FURNISH AND PLACE, 6"	SO YD	1926	1926					
21301072	EXPLORATION TRENCH 72" DEPTH	FOOT	100	100					
25000210	SEEDING, CLASS 2A	ACRE	1	1					
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	108	108					

\* DENOTES SPECIALTY ITEM      \*\* DENOTES NON-PARTICIPATING ITEM

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.I. RTE. 90/94/290	SECTION 2015-022-1	COUNTY COOK	TOTAL SHEETS 275	SHEET NO. 4
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

0004

0021

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FED 10% STATE ROADWAY	100% STATE ROADWAY	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE NOISE ABATEMENT WALL	90% FED 10% STATE HIGHWAY LIGHTING	90% FED 10% STATE ROADWAY LIGHTING
				0004	0004	0004	0004	0021	0021
				URBAN	URBAN	016-1729	NONE	URBAN	URBAN
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	108	108					
25100115	MULCH, METHOD 2	ACRE	1.5	1.5					
25100630	EROSION CONTROL BLANKET	SQ YD	4489	4489					
25200110	SODDING, SALT TOLERANT	SQ YD	1926	1926					
25200200	SUPPLEMENTAL WATERING	UNIT	97	97					
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	3650	3650					
28000305	TEMPORARY DITCH CHECKS	FOOT	77	77					
28000400	PERIMETER EROSION BARRIER	FOOT	2056	2056					
28000510	INLET FILTERS	EACH	19	19					
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	130	130					
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	430	430					
31101600	SUBBASE GRANULAR MATERIAL, TYPE B 8"	SQ YD	654	654					
35300300	PORTLAND CEMENT CONCRETE BASE COURSE 8"	SQ YD	361	361					
35300500	PORTLAND CEMENT CONCRETE BASE COURSE 10"	SQ YD	69	69					

URBAN

\* DENOTES SPECIALTY ITEM

\*\* DENOTES NON-PARTICIPATING ITEM

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 DATE - 05/15/2017

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 16 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2015-022-1	COUNTY COOK	TOTAL SHEETS 275	SHEET NO. 5
CONTRACT NO. 62A74			ILLINOIS FED. AID PROJECT	

0004

0021

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FED 10% STATE ROADWAY	100% STATE ROADWAY	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE NOISE ABATEMENT WALL	90% FED 10% STATE HIGHWAY LIGHTING	90% FED 10% STATE ROADWAY LIGHTING
				0004	0004	0004	0004	0021	0021
				URBAN	URBAN	016-1729	NONE	URBAN	URBAN
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	147	147					
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	77	77					
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	8	8					
40700100	BITUMINOUS MATERIALS (TACK COAT)	POUND	854	854					
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	56	56					
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	42	42					
42001300	PROTECTIVE COAT	SQ YD	966	966					
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	9	9					
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	886	886					
44000100	PAVEMENT REMOVAL	SQ YD	505	505					
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	327	327					
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	9	9					
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	507	507					
44000600	SIDEWALK REMOVAL	SQ FT	886	886					

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\* DENOTES SPECIALTY ITEM      \*\* DENOTES NON-PARTICIPATING ITEM

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.J. RTE. 90/94/290	SECTION 2015-022-1	COUNTY COOK	TOTAL SHEETS 275	SHEET NO. 6
CONTRACT NO. 62A74			ILLINOIS FED. AID PROJECT	

0004

0021

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FED 10% STATE ROADWAY	100% STATE ROADWAY	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE NOISE ABATEMENT WALL	90% FED 10% STATE HIGHWAY LIGHTING	90% FED 10% STATE ROADWAY LIGHTING
				0004	0004	0004	0004	0021	0021
				URBAN	URBAN	016-1729	NONE	URBAN	URBAN
44001980	CONCRETE BARRIER REMOVAL	FOOT	588	588					
44004250	PAVED SHOULDER REMOVAL	SQ YD	304	304					
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1			1			
50200100	STRUCTURE EXCAVATION	CU YD	1987			1987			
50300225	CONCRETE STRUCTURES	CU YD	1310.9	155		1155.9			
50300255	CONCRETE SUPERSTRUCTURE	CU YD	226.7			226.7			
50300300	PROTECTIVE COAT	SQ YD	814			814			
50500505	STUD SHEAR CONNECTORS	EACH	1796			1796			
50800105	REINFORCEMENT BARS	POUND	1697280			1697280			
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	255246	87496		167750			
50800530	MECHANICAL SPLICERS	EACH	1800	288		1512			
51500100	NAME PLATES	EACH	1			1			
51602000	PERMANENT CASING	FOOT	5580			5580			
* 51603000	DRILLED SHAFT IN SOIL	CU YD	6244.6	485		5759.6			

\* DENOTES SPECIALTY ITEM

\*\* DENOTES NON-PARTICIPATING ITEM

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.I. RTE. 90/94/290	SECTION 2015-022-1	COUNTY COOK	TOTAL SHEETS 275	SHEET NO. 7
CONTRACT NO. 62A74			ILLINOIS FED. AID PROJECT	

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0004

0021

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				90% FED 10% STATE ROADWAY	100% STATE ROADWAY	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE NOISE ABATEMENT WALL	90% FED 10% STATE HIGHWAY LIGHTING	90% FED 10% STATE ROADWAY LIGHTING	
				0004 URBAN	0004 URBAN	0004 016-1729	0004 NONE	0021 URBAN	0021 URBAN	
* 51604000	DRILLED SHAFT IN ROCK	CU YD	15	15						
52200015	PERMANENT SHEET PILING	SQ FT	1584			1584				
52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	490			490				
52200250	UNTREATED TIMBER LAGGING	SQ FT	4581			4581				
54248510	CONCRETE COLLAR	CU YD	3.8	3.8						
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	41	41						
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	68	68						
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	104	104						
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	178	178						
550A0660	STORM SEWERS, CLASS A, TYPE 3 15"	FOOT	38	38						
55100500	STORM SEWER REMOVAL 12"	FOOT	75	75						
56400500	FIRE HYDRANTS TO BE REMOVED	EACH	1	1						
58700300	CONCRETE SEALER	SQ FT	10078			10078				
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	514			514				

URBAN

\* DENOTES SPECIALTY ITEM

\*\* DENOTES NON-PARTICIPATING ITEM

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 PLOT DATE = 5/15/2017

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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	2015-022-1	COOK	275	8
CONTRACT NO. 62A74			ILLINOIS FED. AID PROJECT	



0004

0021

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FED 10% STATE ROADWAY	100% STATE ROADWAY	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE NOISE ABATEMENT WALL	90% FED 10% STATE HIGHWAY LIGHTING	90% FED 10% STATE ROADWAY LIGHTING
				0004	0004	0004	0004	0021	0021
				URBAN	URBAN	016-1729	NONE	URBAN	URBAN
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	15	15					
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					
60203905	CATCH BASINS, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1					
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4					
60221100	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1					
60235300	INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID	EACH	5	5					
60250200	CATCH BASINS TO BE ADJUSTED	EACH	4	4					
60255500	MANHOLES TO BE ADJUSTED	EACH	2	2					
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	2	2					
60260900	INLETS TO BE ADJUSTED WITH NEW TYPE 6 FRAME AND GRATE	EACH	1	1					
60500040	REMOVING MANHOLES	EACH	2	2					
60500050	REMOVING CATCH BASINS	EACH	2	2					
60500060	REMOVING INLETS	EACH	1	1					

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\* DENOTES SPECIALTY ITEM

\*\* DENOTES NON-PARTICIPATING ITEM

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 PLOT SCALE = 2.0000' / 1" =  
 PLOT DATE = 5/15/2017

DESIGNED - AFC  
 DRAWN - AFC  
 CHECKED - MJE  
 DATE - 05/15/2017

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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.J. RTE. 90/94/290	SECTION 2015-022-1	COUNTY COOK	TOTAL SHEETS 275	SHEET NO. 9
CONTRACT NO. 62A74			ILLINOIS FED. AID PROJECT	

0004

0021

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FED 10% STATE ROADWAY	100% STATE ROADWAY	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE NOISE ABATEMENT WALL	90% FED 10% STATE HIGHWAY LIGHTING	90% FED 10% STATE ROADWAY LIGHTING
				0004	0004	0004	0004	0021	0021
				URBAN	URBAN	016-1729	NONE	URBAN	URBAN
60602800	CONCRETE GUTTER, TYPE B	FOOT	310	310					
66400305	CHAIN LINK FENCE, 6'	FOOT	65	65					
66400520	CHAIN LINK FENCE, 12'	FOOT	239	239					
66407900	CHAIN LINK GATES, 6' X 18' DOUBLE	EACH	1	1					
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	19300	19300					
* 66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1					
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	3	3					
67100100	MOBILIZATION	LSUM	1	1					
* 67201100	SEALING ABANDONED MONITORING WELLS	EACH	1	1					
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	395	395					
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	10762.5	10762.5					
70400100	TEMPORARY CONCRETE BARRIER	FOOT	5112.5	5112.5					
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	5062.5	5062.5					
70600255	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	2	2					

\* DENOTES SPECIALTY ITEM

\*\* DENOTES NON-PARTICIPATING ITEM



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USER NAME = dshovaz	DRAWN - AFC	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - MJE	REVISED -
PLOT DATE = 5/15/2017	DATE - 05/15/2017	REVISED -

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DATE - 05/15/2017	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.I. RTE. 90/94/290	SECTION 2015-022-1	COUNTY COOK	TOTAL SHEETS 275	SHEET NO. 10
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

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0004

0021

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				90% FED 10% STATE ROADWAY	100% STATE ROADWAY	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE NOISE ABATEMENT WALL	90% FED 10% STATE HIGHWAY LIGHTING	90% FED 10% STATE ROADWAY LIGHTING	
				0004	0004	0004	0004	0021	0021	
				URBAN	URBAN	016-1729	NONE	URBAN	URBAN	
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	3	3						
70600322	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	2	2						
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	2						
* 72000100	SIGN PANEL - TYPE 1	SQ FT	18	18						
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	3	3						
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	41	41						
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	160	160						
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	42	42						
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	1369	1369						
* 78009005	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	FOOT	393	393						
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	3766	3766						
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	140	140						
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	41	41						
* 78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	694	694						

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\* DENOTES SPECIALTY ITEM

\*\* DENOTES NON-PARTICIPATING ITEM

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 PLOT SCALE = 2.0000' / 1" =  
 PLOT DATE = 5/15/2017

DESIGNED - AFC	REVISED -
DRAWN - AFC	REVISED -
CHECKED - MJE	REVISED -
DATE - 05/15/2017	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

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

F.A.I. RTE. 90/94/290	SECTION 2015-022-1	COUNTY COOK	TOTAL SHEETS 275	SHEET NO. 11
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

0004

0021

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FED 10% STATE ROADWAY	100% STATE ROADWAY	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE NOISE ABATEMENT WALL	90% FED 10% STATE HIGHWAY LIGHTING	90% FED 10% STATE ROADWAY LIGHTING
				0004	0004	0004	0004	0021	0021
				URBAN	URBAN	016-1729	NONE	URBAN	URBAN
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	270						270
* 81100320	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	425					425	
* 81100805	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT	365					365	
* 81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	110						110
* 81300830	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 8"	EACH	1					1	
* 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	3420					3420	
* 81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	685						685
* 81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	2055						2055
* 81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	370					370	
* 81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	1110					1110	
* 81800300	AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	40					40	
* 82105600	LUMINAIRE, SODIUM VAPOR, HIGH MAST, HORIZONTAL MOUNT, 400 WATT	EACH	4					4	
* 84100110	REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	1					1	
* 84200804	REMOVAL OF POLE FOUNDATION	EACH	7						7

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\* DENOTES SPECIALTY ITEM \*\* DENOTES NON-PARTICIPATING ITEM

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 PLOT SCALE = 2.0000' / in.  
 PLOT DATE = 5/15/2017

DESIGNED - AFC  
 DRAWN - AFC  
 CHECKED - MJE  
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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.I. RTE. 90/94/290	SECTION 2015-022-1	COUNTY COOK	TOTAL SHEETS 275	SHEET NO. 12
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

0004

0021

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FED 10% STATE ROADWAY	100% STATE ROADWAY	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE NOISE ABATEMENT WALL	90% FED 10% STATE HIGHWAY LIGHTING	90% FED 10% STATE ROADWAY LIGHTING
				0004	0004	0004	0004	0021	0021
				URBAN	URBAN	016-1729	NONE	URBAN	URBAN
Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	102	102					
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1					
Z0019600	DUST CONTROL WATERING	UNIT	23	23					
Z0022800	FENCE REMOVAL	FOOT	803	803					
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	208	208					
* Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	4					4	
* Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	13					13	
Z0034212	MECHANICALLY STABILIZED EARTH RETAINING WALL, SPECIAL	SQ FT	1023			1023			
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	570			570			
Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	125	125					
Z0062456	TEMPORARY PAVEMENT	SQ YD	785	785					
Ø Z0076600	TRAINEES	HOUR	1000	1000					
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	-HOUR	1000	1000					
X0320051	CROSSHOLE SONIC LOGGING ACCESS DUCTS	FOOT	540			540			

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\* DENOTES SPECIALTY ITEM

\*\* DENOTES NON-PARTICIPATING ITEM

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USER NAME = dlshevez  
PLOT SCALE = 2.0000 "/>

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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	2015-022-1	COOK	275	13
CONTRACT NO. 62A74				

ILLINOIS FED. AIG PROJECT

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CONSTRUCTION CODE

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FED 10% STATE ROADWAY	100% STATE ROADWAY	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE NOISE ABATEMENT WALL	90% FED 10% STATE HIGHWAY LIGHTING	90% FED 10% STATE ROADWAY LIGHTING
				0004	0004	0004	0004	0021	0021
				URBAN	URBAN	016-1729	NONE	URBAN	URBAN
X0320052	CROSSHOLE SONIC LOGGING TESTING	EACH	6			6			
X0321837	REMOVE SHEET PILING	LSUM	1			1			
* X0323710	REMOVE CONDUIT ATTACHED TO STRUCTURE	FOOT	105					105	
X0324013	NOISE ABATEMENT WALL, STRUCTURE MOUNTED	SQ FT	3042				3042		
* X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	765					425	340
* X0324911	REPLACE EXISTING DECAL WITH NEW LUMINAIRE NUMBERING DECAL	EACH	10					10	
X0325003	REMOVE EXISTING VALVE AND VAULT	EACH	3	3					
X0325207	TELEVISION INSPECTION OF SEWER	FOOT	396	396					
X0325318	LIGHTWEIGHT CELLULAR CONCRETE FILL	CU YD	739			739			
X0325349	TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)	FOOT	587.5	587.5					
* X0325815	REMOVE EXISTING CABLE	FOOT	3100					1700	1400
* X0326326	CABLE IN CONDUIT, TRIPLEX, 2-1/C NO. 6 AND 1-1/C NO. 8 GROUND	FOOT	125						125
** X0326801	COMBINED SEWERS TO BE CLEANED	FOOT	263		263				
X0327267	SLOPE INCLINOMETER	EACH	2			2			

\* DENOTES SPECIALTY ITEM

\*\* DENOTES NON-PARTICIPATING ITEM



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 PLOT SCALE = 2.0000" / 1"  
 PLOT DATE = 5/15/2017

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 CHECKED - MJE  
 DATE - 05/15/2017

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-1	COOK	275	14
CONTRACT NO. 62A74			ILLINOIS FED. AID PROJECT	

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0021

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FED 10% STATE ROADWAY	100% STATE ROADWAY	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE NOISE ABATEMENT WALL	90% FED 10% STATE HIGHWAY LIGHTING	90% FED 10% STATE ROADWAY LIGHTING
				0004	0004	0004	0004	0021	0021
				URBAN	URBAN	016-1729	NONE	URBAN	URBAN
X0327357	CONSTRUCTION VIBRATION MONITORING	LSUM	1	1					
X0327614	COMBINED SEWER REMOVAL 12"	FOOT	14	14					
X0327615	COMBINED SEWER REMOVAL 8"	FOOT	8	8					
X0327648	COMBINED SEWER REMOVAL 60"	FOOT	632	632					
X0327682	CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT ENGINEERING SERVICES	LSUM	1	1					
* X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	21610	21610					
* X0370049	UNDERGROUND CONDUIT, PVC, 2" DIA., SCHEDULE 80 (CDOT)	FOOT	40						40
X0370080	COMBINATION CURB AND GUTTER TYPE B V. 12 (CDOT)	FOOT	404	404					
X0370135	CONCRETE CURB, TYPE B (SPECIAL) (CDOT)	FOOT	104	104					
X0370164	MANHOLES TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	EACH	4	4					
X0370165	REINFORCED CONCRETE PIPE ELBOW, 60" (CDWM)	EACH	5	5					
* X0370177	CONCRETE FOUNDATION, 24" DIAMETER, 1 1/4" ANCHOR RODS, 15" BOLT CIRCLE, 7 FEET (CDOT)	EACH	1						1
X0370185	COMBINED SEWER (EXTRA STRENGTH VITRIFIED CLAY PIPE) 12 INCH (CDOT)	FOOT	7	7					
X0370202	COMBINED SEWER (DUCTILE IRON PIPE) 8 INCH (CDWM)	FOOT	77	77					

\* DENOTES SPECIALTY ITEM

\*\* DENOTES NON-PARTICIPATING ITEM

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 PLOT SCALE = 2.0000 "/in.  
 PLOT DATE = 5/15/2017

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 DATE - 05/15/2017

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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.I. RTE. 90/94/290	SECTION 2015-022-1	COUNTY COOK	TOTAL SHEETS 275	SHEET NO. 15
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

0004

0021

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				90% FED 10% STATE ROADWAY	100% STATE ROADWAY	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE NOISE ABATEMENT WALL	90% FED 10% STATE HIGHWAY LIGHTING	90% FED 10% STATE ROADWAY LIGHTING	
				0004 URBAN	0004 URBAN	0004 016-1729	00 04 NONE	0021 URBAN	0021 URBAN	
* X1200007	TEMPORARY WOOD POLE, 80 FEET, CLASS 4	EACH	1						1	
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	50 YD	744	744						
X5012502	CONCRETE REMOVAL (SPECIAL)	CU YD	120	120						
X5610690	WATER MAIN REHABILITATION	FOOT	564	564						
X5610736	WATER MAIN REMOVAL, 36"	FOOT	8	8						
X5610739	WATER MAIN REMOVAL, 48"	FOOT	22	22						
X5610741	WATER MAIN REMOVAL, 54"	FOOT	212	212						
X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	208			208				
X6020083	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)	EACH	2	2						
X6020084	MANHOLE, SPECIAL	EACH	3	3						
X6022505	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)	EACH	1	1						
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	1	1						
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	13	13						
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1						

\* DENOTES SPECIALTY ITEM      \*\* DENOTES NON-PARTICIPATING ITEM

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 PLOT SCALE = 2.0000" / 1"  
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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.I. RTE. 90/94/290	SECTION 2015-022-1	COUNTY COOK	TOTAL SHEETS 275	SHEET NO. 16
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

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0021

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				90% FED 10% STATE ROADWAY	100% STATE ROADWAY	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE NOISE ABATEMENT WALL	90% FED 10% STATE HIGHWAY LIGHTING	90% FED 10% STATE ROADWAY LIGHTING	
				0004 URBAN	0004 URBAN	0004 016-1729	0004 NONE	0021 URBAN	0021 URBAN	
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	LSUM	1	1						
X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	395	395						
X7035100	TEMPORARY EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	45	45						
X7035104	TEMPORARY EPOXY PAVEMENT MARKING - LINE 4"	FOOT	7281	7281						
X7035105	TEMPORARY EPOXY PAVEMENT MARKING - LINE 5"	FOOT	1186	1186						
X7035106	TEMPORARY EPOXY PAVEMENT MARKING - LINE 6"	FOOT	174	174						
X7035108	TEMPORARY EPOXY PAVEMENT MARKING - LINE 8"	FOOT	10418	10418						
X7035112	TEMPORARY EPOXY PAVEMENT MARKING - LINE 12"	FOOT	259	259						
X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	2586	2586						
* X8100863	INTERCEPT EXISTING CONDUIT	EACH	7							7
* X8130115	DRILL EXISTING JUNCTION BOX	EACH	7					7		
* X8130125	REMOVE EXISTING JUNCTION BOX	EACH	2					2		
* X8420502	REMOVAL OF LIGHT TOWER, NO SALVAGE	EACH	1					1		
* X8420510	REMOVAL OF TOWER FOUNDATION	EACH	1					1		

\* DENOTES SPECIALTY ITEM      \*\* DENOTES NON-PARTICIPATING ITEM

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 DATE - 05/15/2017      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	2015-022-1	COOK	275	17

CONTRACT NO. 62A74

ILLINOIS FED. AID PROJECT

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0021

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FED 10% STATE ROADWAY	100% STATE ROADWAY	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE NOISE ABATEMENT WALL	90% FED 10% STATE HIGHWAY LIGHTING	90% FED 10% STATE ROADWAY LIGHTING
				0004	0004	0004	0004	0021	0021
				URBAN	URBAN	016-1729	NONE	URBAN	URBAN
* X8440120	REMOVE AND RE-ERECT EXISTING LIGHTING UNIT	EACH	7						7
* X8772115	TEMPORARY MAST ARM, ALUMINUM, 15FT	EACH	4					4	
* X8780105	CONCRETE FOUNDATIONS (SPECIAL)	EACH	3						3
X1200115	STEEL CASING PIPE, AUGERED AND JACKED, 72"	FOOT	70	70					
X1200116	DUCTILE IRON WATER MAIN, MECHANICAL JOINT 48" IN CASING	FOOT	70	70					
X1200117	DUCTILE IRON WATER MAIN, MECHANICAL JOINT 48"	FOOT	135	135					
X1200119	BUTTERFLY VALVES 48" - INSTALLATION ONLY	EACH	1	1					
X1200118	INSPECTION TEE, 48" X 24"	EACH	2	2					
X1200120	WATER MAIN ABANDON, FILL WITH CLSM	LSUM	1	1					
X1200121	FEEDER WATER MAIN DISCONNECT	LSUM	1	1					
X1200122	COMBINED SEWERS, CLASS A, TYPE 2, 60" (CDWM)	FOOT	283	283					
X1200123	COMBINED SEWERS JACKED IN PLACE, 60" (CDWM)	FOOT	198	198					
X1200124	COMBINED SEWER, (WATER MAIN REQUIREMENTS), 60 INCH (CDWM)	FOOT	80	80					
X0300005	TENNIS COURT RESTORATION	LSUM	1	1					

urban

\* DENOTES SPECIALTY ITEM

\*\* DENOTES NON-PARTICIPATING ITEM



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 PLOT DATE = 5/15/2017

DESIGNED - AFC  
 DRAWN - AFC  
 CHECKED - MJE  
 DATE - 05/15/2017

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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

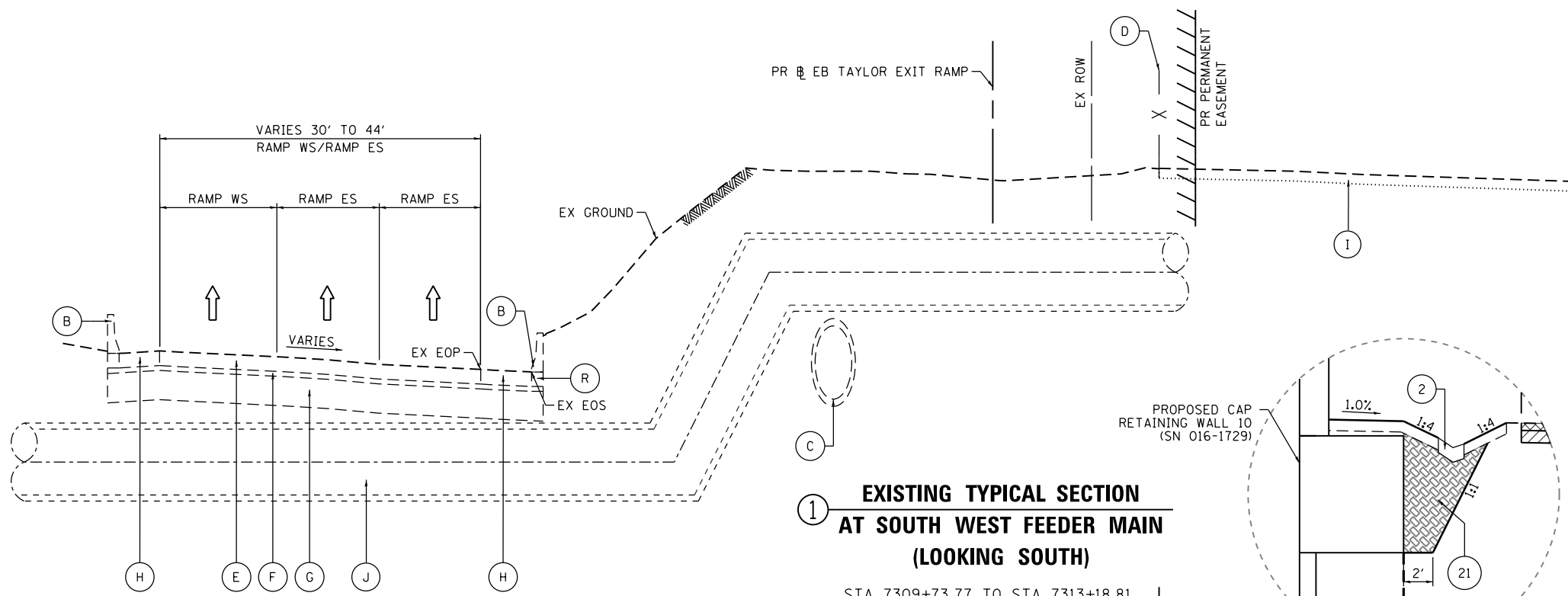
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90/94/290	2015-022-1	COOK	275	18
CONTRACT NO. 62A74			ILLINOIS FED. AID PROJECT	

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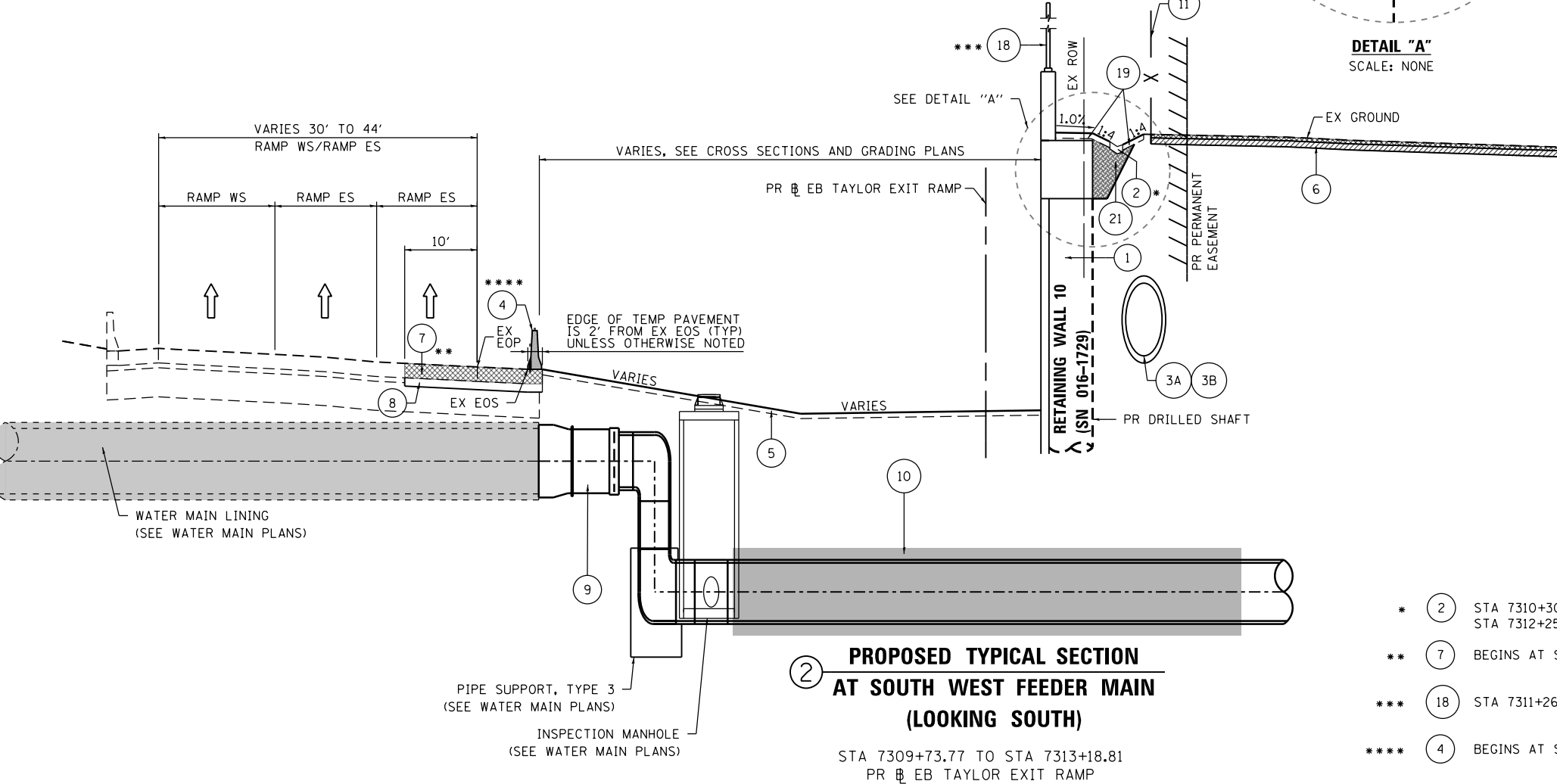
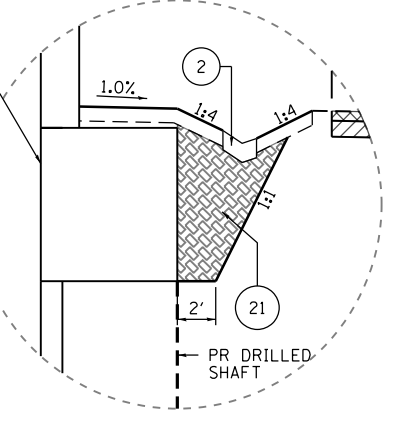
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**EXISTING TYPICAL SECTION  
AT SOUTH WEST FEEDER MAIN  
(LOOKING SOUTH)**

STA 7309+73.77 TO STA 7313+18.81  
PR EB TAYLOR EXIT RAMP

- EXISTING**
- (A) RETAINING WALL
  - (B) CONCRETE BARRIER
  - (C) COMBINED SEWER - 60"
  - (D) FENCE
  - (E) CONTINUOUSLY REINFORCED PCC PAVEMENT - 13"
  - (F) STABILIZED SUB-BASE (BAM) - 4"
  - (G) POROUS GRANULAR EMBANKMENT (SPECIAL) - 0"-36"
  - (H) BITUMINOUS SHOULDERS - 13"
  - (I) TENNIS/BASKETBALL COURTS
  - (J) 54" WATER MAIN
  - (K) HOT-MIX ASPHALT SURFACE
  - (L) BITUMINOUS SURFACE COURSE, MIX D, CLASS-1, TYPE-2 - 2"
  - (M) BITUMINOUS BINDER COURSE, MIX B, CLASS-1, TYPE-2 - 2"
  - (N) AGGREGATE BASE COURSE - 10"
  - (O) SUBBASE GRANULAR MATERIAL
  - (P) COMBINATION CURB AND GUTTER
  - (Q) STEEL SHEET PILING
  - (R) BARRIER BASE



**PROPOSED TYPICAL SECTION  
AT SOUTH WEST FEEDER MAIN  
(LOOKING SOUTH)**

STA 7309+73.77 TO STA 7313+18.81  
PR EB TAYLOR EXIT RAMP

- PROPOSED**
- (1) RETAINING WALL 10 (SN 016-1729) (SEE STRUCTURAL PLANS)
  - (2) CONCRETE GUTTER, TYPE B
  - (3A) COMBINED SEWER, (WATER MAIN REQUIREMENTS), 60 INCH (CDWM) (SEE DRAINAGE SCHEDULE)
  - (3B) COMBINED SEWERS, CLASS A, TYPE 2, 60" (CDWM) (SEE DRAINAGE SCHEDULE)
  - (3C) COMBINED SEWERS JACKED IN PLACE, 60" (CDWM) (SEE DRAINAGE SCHEDULE)
  - (4) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY) WITH PINNING
  - (5) TOPSOIL FURNISH AND PLACE, 4" AND SEEDING, CLASS 2A (SEE EROSION CONTROL PLANS)
  - (6) TENNIS COURT PAVEMENT (SEE TENNIS COURT RESTORATION PLANS)
  - (7) TEMPORARY PAVEMENT (SEE TYPICAL SECTION ON SHEET 23)
  - (8) SUBBASE GRANULAR MATERIAL, TYPE B 8"
  - (9) 48" DUCTILE IRON PIPE WATER MAIN
  - (10) 72" STEEL CASING PIPE
  - (11) CHAIN LINK FENCE, 12'
  - (12) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2"
  - (13) PORTLAND CEMENT CONCRETE BASE COURSE 8"
  - (14) SUBBASE GRANULAR MATERIAL, TYPE B 6"
  - (15) COMBINATION CURB AND GUTTER, TYPE B-V.12 (CDOT)
  - (16) CONCRETE CURB, TYPE B (SPECIAL) (CDOT)
  - (17) INCIDENTAL HOT-MIX ASPHALT SURFACING - 6"
  - (18) NOISE ABATEMENT WALL, STRUCTURE MOUNTED (SEE STRUCTURAL PLANS)
  - (19) TOPSOIL FURNISH AND PLACE, 6" AND SEEDING, CLASS 2A (SEE EROSION CONTROL PLANS)
  - (20) LIGHTWEIGHT CELLULAR CONCRETE FILL (SEE STRUCTURAL PLANS)
  - (21) GRANULAR BACKFILL FOR STRUCTURES
  - (22) POROUS GRANULAR BACKFILL

- \* (2) STA 7310+30.00 TO STA 7311+56.32  
STA 7312+25.00 TO STA 7313+93.29
- \*\* (7) BEGINS AT STA 7310+57.43
- \*\*\* (18) STA 7311+26.35 TO STA 7313+95.86
- \*\*\*\* (4) BEGINS AT STA 7310+57.51



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PLOT DATE = 5/15/2017

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DATE - 05/15/2017

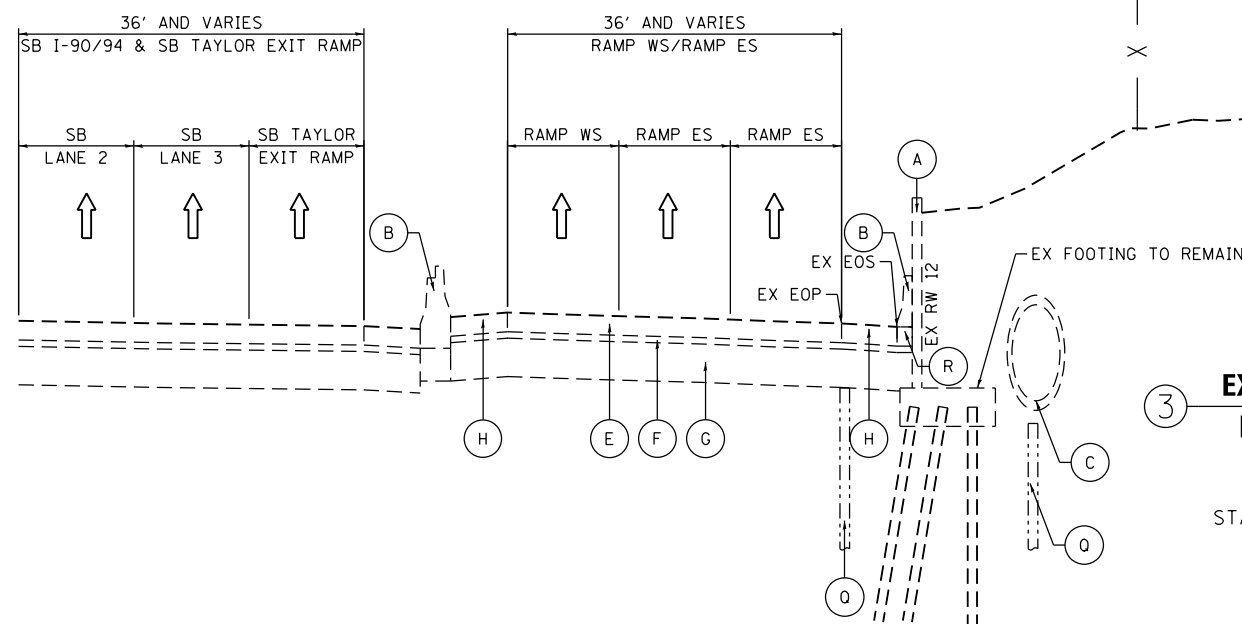
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

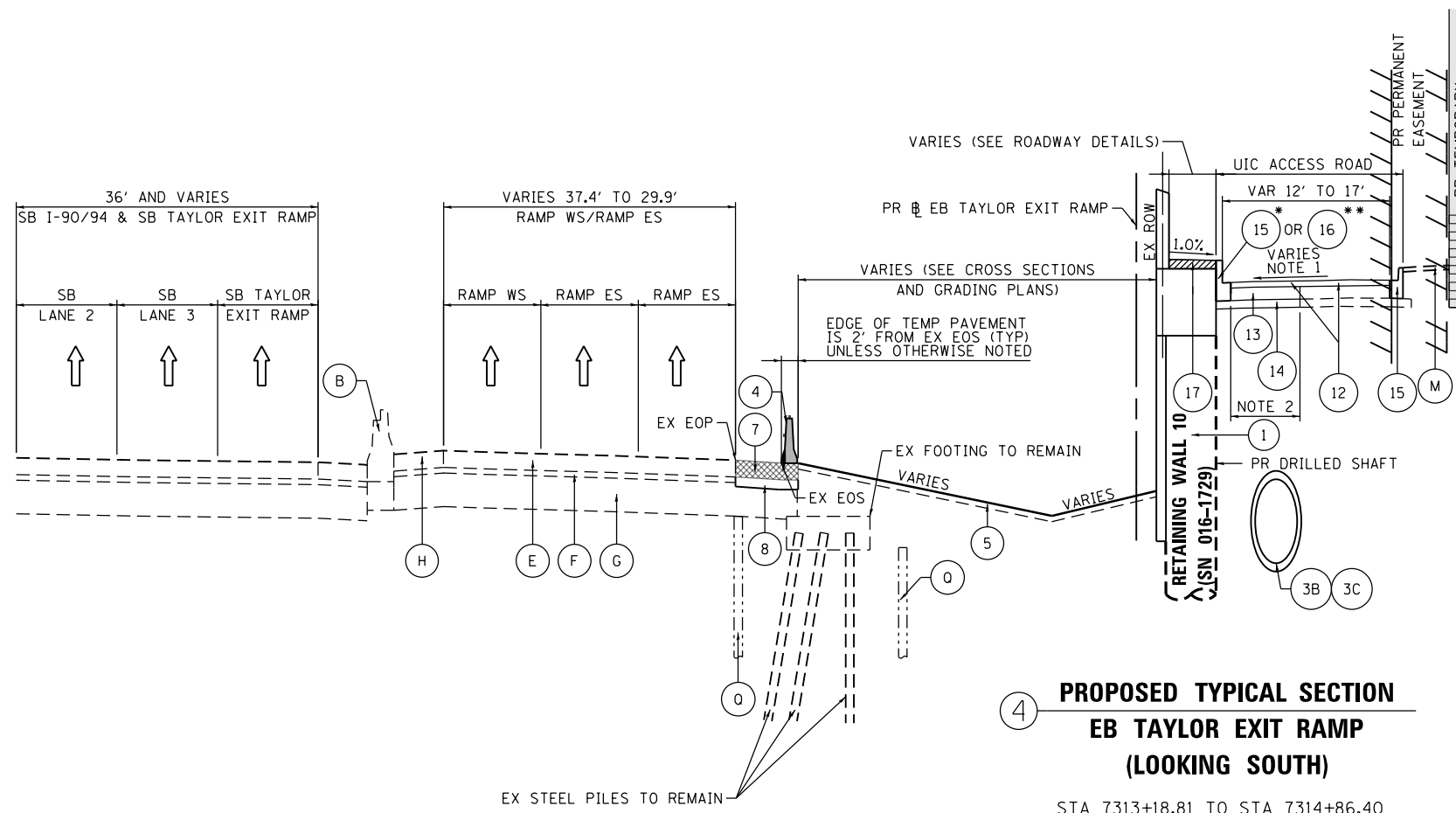
TYPICAL SECTIONS  
SCALE: NONE SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-I	COOK	275	20
CONTRACT NO. 62474				
ILLINOIS FED. AID PROJECT				

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**3** EXISTING TYPICAL SECTION  
EB TAYLOR EXIT RAMP  
(LOOKING SOUTH)  
STA 7313+18.81 TO STA 7316+31.13  
PR EB TAYLOR EXIT RAMP



**4** PROPOSED TYPICAL SECTION  
EB TAYLOR EXIT RAMP  
(LOOKING SOUTH)  
STA 7313+18.81 TO STA 7314+86.40  
PR EB TAYLOR EXIT RAMP  
AT DRILLED SHAFT RETAINING WALL

**EXISTING**

- (A) RETAINING WALL
- (B) CONCRETE BARRIER
- (C) COMBINED SEWER - 60"
- (D) FENCE
- (E) CONTINUOUSLY REINFORCED PCC PAVEMENT - 13"
- (F) STABILIZED SUB-BASE (BAM) - 4"
- (G) POROUS GRANULAR EMBANKMENT (SPECIAL) - 0"-36"
- (H) BITUMINOUS SHOULDERS - 13"
- (I) TENNIS/BASKETBALL COURTS
- (J) 54" WATER MAIN
- (K) HOT-MIX ASPHALT SURFACE
- (L) BITUMINOUS SURFACE COURSE, MIX D, CLASS-1, TYPE-2 - 2"
- (M) BITUMINOUS BINDER COURSE, MIX B, CLASS-1, TYPE-2 - 2"
- (N) AGGREGATE BASE COURSE - 10"
- (O) SUBBASE GRANULAR MATERIAL
- (P) COMBINATION CURB AND GUTTER
- (Q) STEEL SHEET PILING
- (R) BARRIER BASE

**PROPOSED**

- (1) RETAINING WALL 10 (SN 016-1729) (SEE STRUCTURAL PLANS)
- (2) CONCRETE GUTTER, TYPE B
- (3A) COMBINED SEWER, (WATER MAIN REQUIREMENTS), 60 INCH (CDWM) (SEE DRAINAGE SCHEDULE)
- (3B) COMBINED SEWERS, CLASS A, TYPE 2, 60" (CDWM) (SEE DRAINAGE SCHEDULE)
- (3C) COMBINED SEWERS JACKED IN PLACE, 60" (CDWM) (SEE DRAINAGE SCHEDULE)
- (4) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY) WITH PINNING
- (5) TOPSOIL FURNISH AND PLACE, 4" AND SEEDING, CLASS 2A (SEE EROSION CONTROL PLANS)
- (6) TENNIS COURT PAVEMENT (SEE TENNIS COURT RESTORATION PLANS)
- (7) TEMPORARY PAVEMENT (SEE TYPICAL SECTION ON SHEET 23)
- (8) SUBBASE GRANULAR MATERIAL, TYPE B 8"
- (9) 48" DUCTILE IRON PIPE WATER MAIN
- (10) 72" STEEL CASING PIPE
- (11) CHAIN LINK FENCE, 12'
- (12) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2"
- (13) PORTLAND CEMENT CONCRETE BASE COURSE 8"
- (14) SUBBASE GRANULAR MATERIAL, TYPE B 6"
- (15) COMBINATION CURB AND GUTTER, TYPE B-V.12 (CDOT)
- (16) CONCRETE CURB, TYPE B (SPECIAL) (CDOT)
- (17) INCIDENTAL HOT-MIX ASPHALT SURFACING - 6"
- (18) NOISE ABATEMENT WALL, STRUCTURE MOUNTED (SEE STRUCTURAL PLANS)
- (19) TOPSOIL FURNISH AND PLACE, 6" AND SEEDING, CLASS 2A (SEE EROSION CONTROL PLANS)
- (20) LIGHTWEIGHT CELLULAR CONCRETE FILL (SEE STRUCTURAL PLANS)
- (21) GRANULAR BACKFILL FOR STRUCTURES
- (22) POROUS GRANULAR BACKFILL

**NOTES:**

- 1. FOR CROSS SLOPES AND GRADING AT UIC ACCESS ROAD, SEE SHEET 39.
- 2. WIDTH OF PAVEMENT RECONSTRUCTION VARIES FROM 7.4' TO, 19', FOR DETAIL SEE SHEET 39.

- \* (15) STA 7313+74.62 TO STA 7315+15.94 (LT - LOOKING SOUTH)  
STA 7315+25.05 TO STA 7315+46.05 (RT - LOOKING SOUTH)
- \*\* (16) STA 7315+15.94 TO STA 7315+46.05 (LT - LOOKING SOUTH)



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PLOT SCALE = 20.0009' / in.  
PLOT DATE = 5/15/2017

DESIGNED - OPS  
DRAWN - OPS  
CHECKED - MJE  
DATE - 05/15/2017

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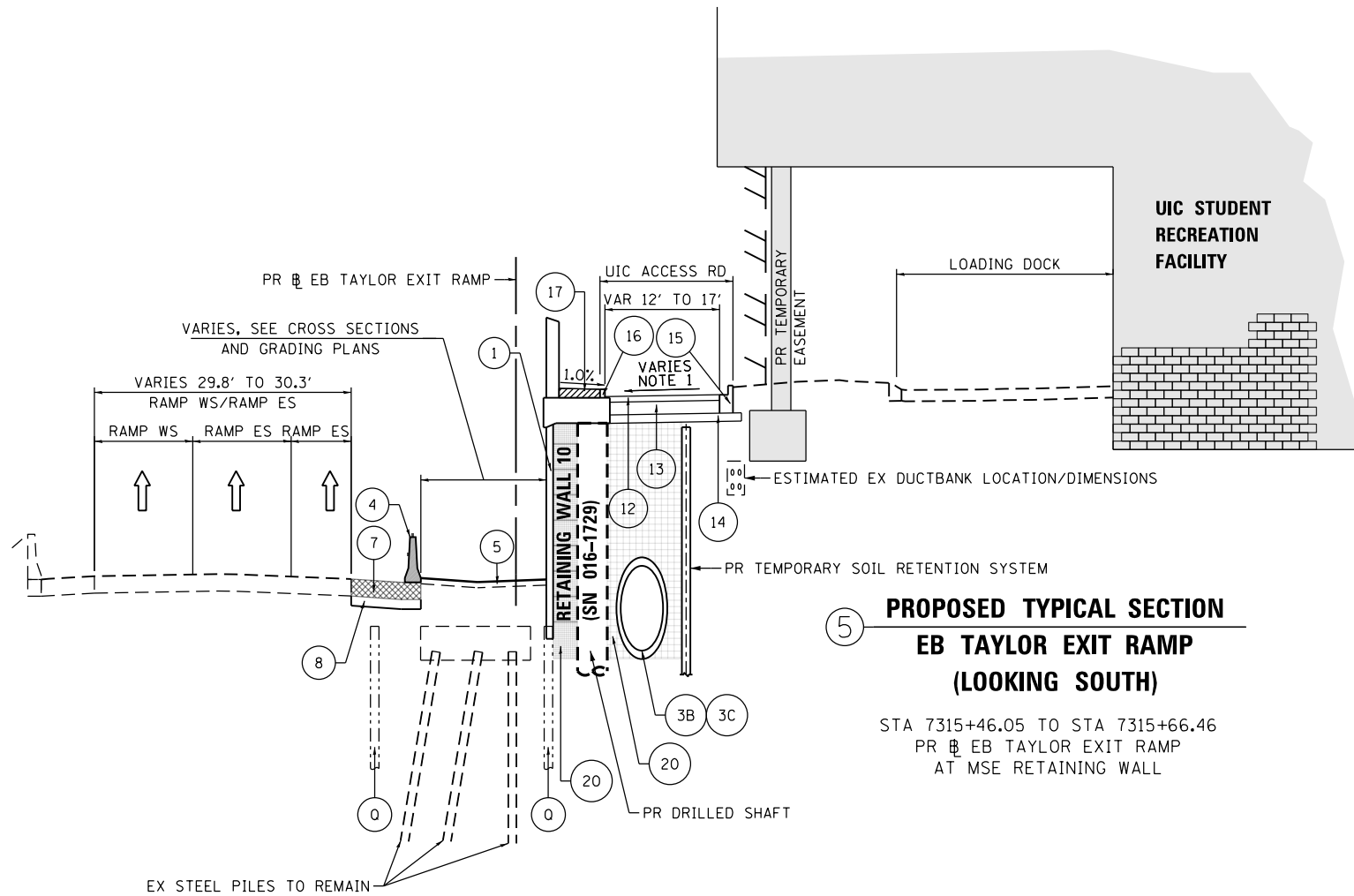
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NONE SHEET 2 OF 4 SHEETS STA. TO STA.

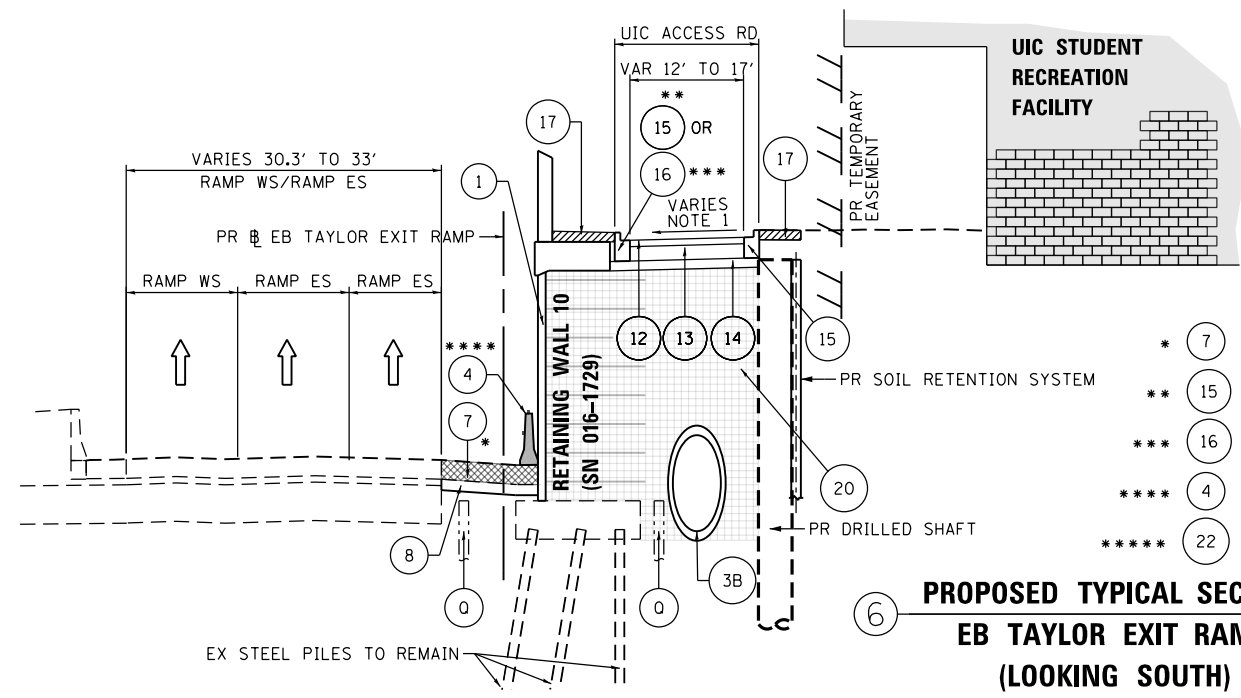
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-I	COOK	275	21
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

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**5** PROPOSED TYPICAL SECTION  
EB TAYLOR EXIT RAMP  
(LOOKING SOUTH)

STA 7315+46.05 TO STA 7315+66.46  
PR EB TAYLOR EXIT RAMP  
AT MSE RETAINING WALL



**6** PROPOSED TYPICAL SECTION  
EB TAYLOR EXIT RAMP  
(LOOKING SOUTH)

STA 7315+66.46 TO STA 7316+31.15  
PR EB TAYLOR EXIT RAMP  
AT MSE RETAINING WALL

**EXISTING**

- (A) RETAINING WALL
- (B) CONCRETE BARRIER
- (C) COMBINED SEWER - 60"
- (D) FENCE
- (E) CONTINUOUSLY REINFORCED PCC PAVEMENT - 13"
- (F) STABILIZED SUB-BASE (BAM) - 4"
- (G) POROUS GRANULAR EMBANKMENT (SPECIAL) - 0"-36"
- (H) BITUMINOUS SHOULDERS - 13"
- (I) TENNIS/BASKETBALL COURTS
- (J) 54" WATER MAIN
- (K) HOT-MIX ASPHALT SURFACE
- (L) BITUMINOUS SURFACE COURSE, MIX D, CLASS-1, TYPE-2 - 2"
- (M) BITUMINOUS BINDER COURSE, MIX B, CLASS-1, TYPE-2 - 2"
- (N) AGGREGATE BASE COURSE - 10"
- (O) SUBBASE GRANULAR MATERIAL
- (P) COMBINATION CURB AND GUTTER
- (Q) STEEL SHEET PILING

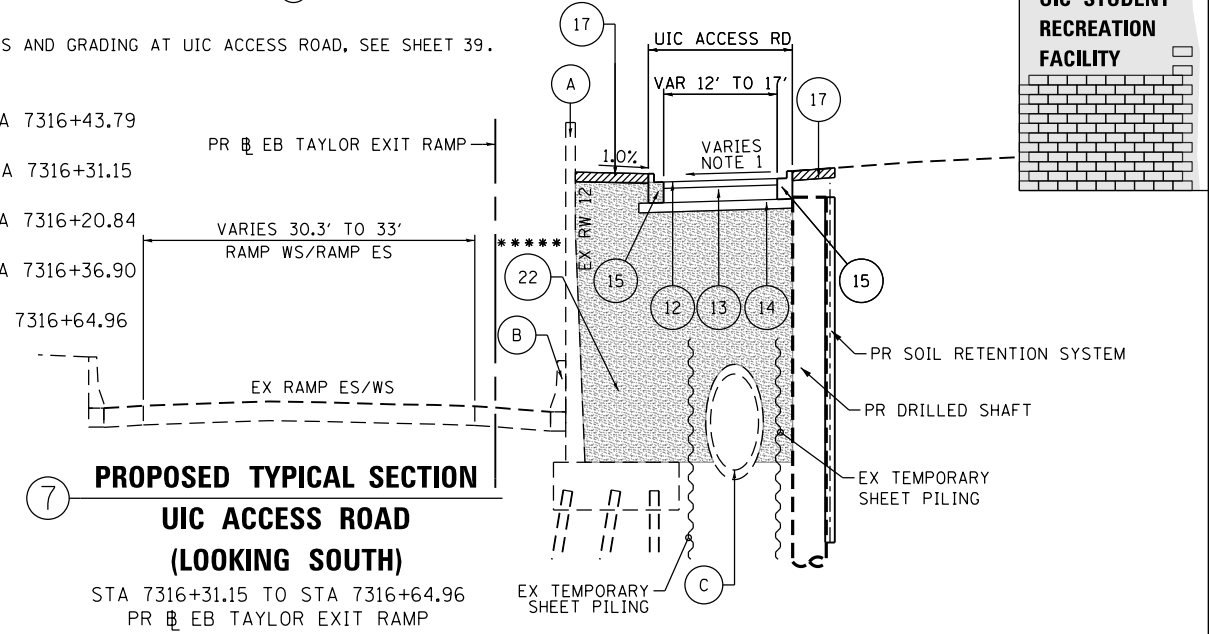
**PROPOSED**

- (1) RETAINING WALL 10 (SN 016-1729) (SEE STRUCTURAL PLANS)
- (2) CONCRETE GUTTER, TYPE B
- (3A) COMBINED SEWER, (WATER MAIN REQUIREMENTS), 60 INCH (CDWM) (SEE DRAINAGE SCHEDULE)
- (3B) COMBINED SEWERS, CLASS A, TYPE 2, 60" (CDWM) (SEE DRAINAGE SCHEDULE)
- (3C) COMBINED SEWERS JACKED IN PLACE, 60" (CDWM) (SEE DRAINAGE SCHEDULE)
- (4) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY) WITH PINNING
- (5) TOPSOIL FURNISH AND PLACE, 4" AND SEEDING, CLASS 2A (SEE EROSION CONTROL PLANS)
- (6) TENNIS COURT PAVEMENT (SEE TENNIS COURT RESTORATION PLANS)
- (7) TEMPORARY PAVEMENT (SEE TYPICAL SECTION ON SHEET 23)
- (8) SUBBASE GRANULAR MATERIAL, TYPE B 8"
- (9) 48" DUCTILE IRON PIPE WATER MAIN
- (10) 72" STEEL CASING PIPE
- (11) CHAIN LINK FENCE, 12'
- (12) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2"
- (13) PORTLAND CEMENT CONCRETE BASE COURSE 8"
- (14) SUBBASE GRANULAR MATERIAL, TYPE B 6"
- (15) COMBINATION CURB AND GUTTER, TYPE B-V.12 (CDOT)
- (16) CONCRETE CURB, TYPE B (SPECIAL) (CDOT)
- (17) INCIDENTAL HOT-MIX ASPHALT SURFACING - 6"
- (18) NOISE ABATEMENT WALL, STRUCTURE MOUNTED (SEE STRUCTURAL PLANS)
- (19) TOPSOIL FURNISH AND PLACE, 6" AND SEEDING, CLASS 2A (SEE EROSION CONTROL PLANS)
- (20) LIGHTWEIGHT CELLULAR CONCRETE FILL (SEE STRUCTURAL PLANS)
- (21) GRANULAR BACKFILL FOR STRUCTURES
- (22) POROUS GRANULAR BACKFILL

**NOTES:**

1. FOR CROSS SLOPES AND GRADING AT UIC ACCESS ROAD, SEE SHEET 39.

- \* (7) STA 7315+66.46 TO STA 7316+43.79
- \*\* (15) STA 7316+20.84 TO STA 7316+31.15
- \*\*\* (16) STA 7315+66.46 TO STA 7316+20.84
- \*\*\*\* (4) STA 7315+66.46 TO STA 7316+36.90
- \*\*\*\*\* (22) STA 7316+31.15 TO STA 7316+64.96



**7** PROPOSED TYPICAL SECTION  
UIC ACCESS ROAD  
(LOOKING SOUTH)

STA 7316+31.15 TO STA 7316+64.96  
PR EB TAYLOR EXIT RAMP



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PLOT SCALE = 20.0000' / in.	CHECKED - MJE	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

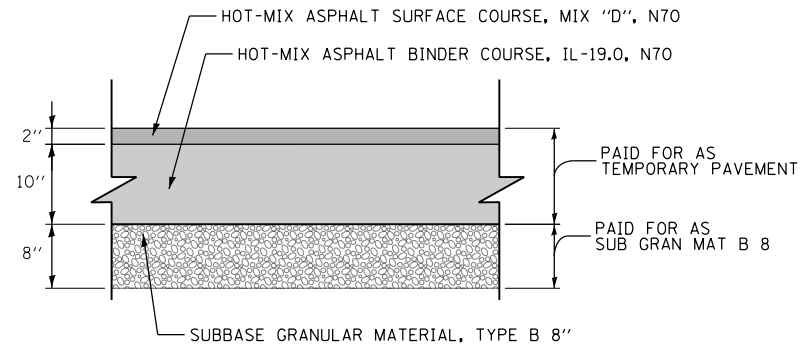
**TYPICAL SECTIONS**

SCALE: NONE SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-I	COOK	275	22
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

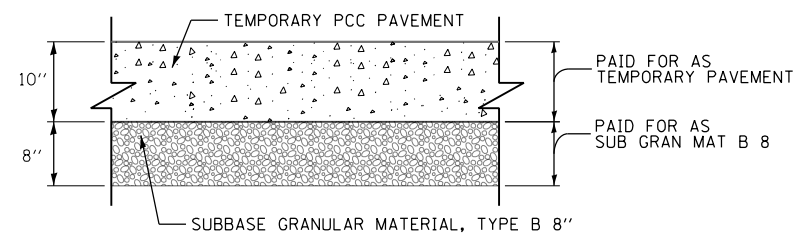
**TEMPORARY PAVEMENT DETAILS:**

**DETAIL A: FULL DEPTH TEMPORARY HMA PAVEMENT**



**TEMPORARY HMA PAVEMENT FOR RAMP ES**

**DETAIL B: TEMPORARY PCC PAVEMENT**



**TEMPORARY PCC PAVEMENT FOR RAMP ES**

**TEMPORARY PAVEMENT GENERAL NOTES:**

1. THE CONTRACTOR SHALL HAVE THE OPTION OF USING HMA OR PCC SECTION FOR TEMPORARY PAVEMENT, UNLESS OTHERWISE SHOWN ON THE PLANS.
2. TEMPORARY HMA TEMPORARY PAVEMENT SHALL CONSIST OF TWO ITEMS: HMA BINDER COURSE AND HMA SURFACE COURSE.
3. PORTLAND CEMENT CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ARTICLE 1020 OF THE STANDARD SPECIFICATIONS; THICKNESS SHALL BE 10". TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.
4. ALL TEMPORARY PAVEMENT SHALL BE PROVIDED OVER 8" SUBBASE GRANULAR MATERIAL.

**HOT MIX ASPHALT MIXTURE REQUIREMENTS**

MIXTURE TYPE	AIR VOIDS (%) @NDES	OMP
<b>TEMPORARY PAVEMENT ( IF HMA OPTION IS SELECTED BY CONTRACTOR)</b>		
<b>RAMP ES</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, ( IL-9.5 MM): 2"	4% @ 70 GYR	QC/OA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70: 10" ( IN 4 LIFTS)	4% @ 70 GYR	QC/OA
<b>UIC ACCESS ROAD AND VERNON PARK PLACE ( PAVEMENT RESTORATION)</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, ( IL-9.5MM): 2"	4% @ 50 GYR	QC/OA
<b>DES PLAINES STREET ( PAVEMENT RESTORATION)</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, ( IL-9.5MM): 2"	4% @ 70 GYR	QC/OA
<b>INCIDENTAL HOT-MIX ASPHALT SURFACING</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 ( IL-9.5MM): 6" ( IN 3 LIFTS)	4% @ 50 GYR	QC/OA
<b>TENNIS COURT RESTORATION</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, ( IL-9.5MM): 1.5"	3.5% @ 50 GYR	QC/OA
LEVELING BINDER (MM), N50 ( IL-9.5MM): 1.5"	3.5% @ 50 GYR	QC/OA
<b>OMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE ( QC/OA)</b>		

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2. FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.
3. QUALITY MANAGEMENT PROGRAM (OMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

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 PLOT DATE = 5/12/2017

DESIGNED - OPS  
 DRAWN - OPS  
 CHECKED - MJE  
 DATE - 05/15/2017

REVISED -  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS - TEMPORARY PAVEMENT**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-1	COOK	275	23
<b>CONTRACT NO. 62A74</b>				
ILLINOIS FED. AID PROJECT				

**REMOVAL SCHEDULE**

SHEET	ROADWAY/STATION	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	DRIVEWAY PAVEMENT REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL	CONCRETE BARRIER REMOVAL	PAVED SHOULDER REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	FENCE REMOVAL
		UNIT	UNIT	SQ YD	SQ YD	SQ YD	FOOT	SQ FT	FOOT	SQ YD	SQ YD	FOOT
REM-01	STA 7309+65.60 TO 7313+50.00 (PR EB TAYLOR EXIT RAMP)	227	245	80	-	-	38	535	295	72	2	601
REM-02	STA 7313+50.00 TO 7316+31.13 (PR EB TAYLOR EXIT RAMP)	183	79	297	327	-	438	17	293	232	742	190
PLAN-01	STA 7309+74.27 TO 7313+50.00 (PR EB TAYLOR EXIT RAMP)	-	-	-	-	-	-	-	-	-	-	-
PLAN-02	STA 7313+50.00 TO 7316+31.13 (PR EB TAYLOR EXIT RAMP)	-	-	-	-	-	-	-	-	-	-	-
PLAN-03	UIC ACCESS ROAD	-	-	-	-	-	-	-	-	-	-	-
PLAN-04	VERNON PARK PLACE	-	-	59	-	-	-	-	-	-	-	12
PLAN-05	DES PLAINES STREET	-	-	69	-	9	31	334	-	-	-	-
<b>TOTALS</b>		<b>410</b>	<b>324</b>	<b>505</b>	<b>327</b>	<b>9</b>	<b>507</b>	<b>886</b>	<b>588</b>	<b>304</b>	<b>744</b>	<b>803</b>

**SAFETY SCHEDULE**

SHEET	ROADWAY	TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)	PINNING TEMPORARY CONCRETE BARRIER	TEMPORARY PAVEMENT MARKING - LINE 6"	CHAIN LINK FENCE, 6'	CHAIN LINK FENCE, 12'	CHAIN LINK GATES, 6' X 18' DOUBLE	BARRIER WALL REFLECTORS, TYPE C
		FOOT	EACH	FOOT	FOOT	FOOT	EACH	EACH
REM-01	STA 7309+65.60 TO 7313+50.00 (PR EB TAYLOR EXIT RAMP)	-	-	-	-	-	-	-
REM-02	STA 7313+50.00 TO 7316+31.13 (PR EB TAYLOR EXIT RAMP)	-	-	-	-	-	-	-
PLAN-01	STA 7309+74.27 TO 7313+50.00 (PR EB TAYLOR EXIT RAMP)	295.4	72	295.4	-	218	-	24
PLAN-02	STA 7313+50.00 TO 7316+31.13 (PR EB TAYLOR EXIT RAMP)	292.1	72	292.1	-	21	-	24
PLAN-03	UIC ACCESS ROAD	-	-	-	-	-	-	-
PLAN-04	VERNON PARK PLACE	-	-	-	65	-	1	-
PLAN-05	DES PLAINES STREET	-	-	-	-	-	-	-
<b>ROUNDED TOTALS</b>		<b>587.5</b>	<b>144</b>	<b>587.5</b>	<b>65</b>	<b>239</b>	<b>1</b>	<b>48</b>

FILE PATH = P:\6288727\000\_CAD\006\_Roadway\Printing\6287274-sht-Schedule-01.dgn



D162474-sht-Schedule-01.dgn  
 USER NAME = dishevo2  
 PLOT SCALE = 100.0000' / 1" =  
 PLOT DATE = 5/12/2017

DESIGNED - OPS  
 DRAWN - OPS  
 CHECKED - MJE  
 DATE - 05/15/2017

REVISED -  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

SCALE: NONE SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-1	COOK	275	24
<b>CONTRACT NO. 62A74</b>				
ILLINOIS FED. AID PROJECT				





**EARTHWORK SCHEDULE**

STATION TO STATION		EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE *	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EMBANKMENT *	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) *
		CU YD	CU YD	CU YD	CU YD	CU YD
7309+00.00	7309+25.00	60	51	20	0	51
7309+25.00	7309+50.00	152	129	42	0	129
7309+50.00	7309+75.00	421	358	48	3	355
7309+75.00	7309+77.87	76	65	7	1	64
7309+77.87	7310+00.00	556	473	50	5	468
7310+00.00	7310+25.00	751	638	56	5	633
7310+25.00	7310+50.00	934	794	63	5	789
7310+50.00	7310+75.00	934	794	66	6	788
7310+75.00	7311+00.00	907	771	62	6	765
7311+00.00	7311+25.00	900	765	61	6	759
7311+25.00	7311+50.00	900	765	58	6	759
7311+50.00	7311+75.00	885	752	57	5	747
7311+75.00	7312+00.00	905	769	55	5	764
7312+00.00	7312+25.00	925	786	53	5	781
7312+25.00	7312+50.00	913	776	55	6	770
7312+50.00	7312+75.00	872	741	57	7	734
7312+75.00	7313+00.00	776	660	55	6	654
7313+00.00	7313+25.00	696	592	51	9	583
7313+25.00	7313+50.00	638	542	49	13	529
7313+50.00	7313+75.00	581	494	48	14	480
7313+75.00	7314+00.00	516	439	43	16	423
7314+00.00	7314+25.00	433	368	36	17	351
7314+25.00	7314+50.00	353	300	35	18	282
7314+50.00	7314+75.00	288	245	34	19	226
7314+75.00	7315+00.00	229	195	27	20	175
7315+00.00	7315+25.00	175	149	21	20	129
7315+25.00	7315+32.00	40	34	5	6	28
7315+32.00	7315+50.00	176	150	11	19	131
7315+50.00	7315+75.00	334	284	12	26	258
7315+75.00	7316+00.00	318	270	9	19	251
7316+00.00	7316+25.00	284	241	9	11	230
7316+25.00	7316+31.15	63	54	3	1	53
7316+31.15	7316+45.00	110	94	5	1	93
7316+45.00	7316+50.00	22	19	2	0	19
7316+50.00	7316+61.71	21	18	3	0	18

TOTALS	17,144	14,572	1,268	306	14,266
ROUNDED TOTALS	17,145		1,270		

STATION TO STATION		POROUS GRANULAR BACKFILL
CU YD	CU YD	CU YD
7316+31.17	7316+45.00	74
7316+45.00	7316+50.00	22
7316+50.00	7316+61.71	21
7316+61.71	7316+64.96	1
TOTAL		118

**NOTES:**

- ESTIMATED SHRINKAGE FACTOR = 15%.
- APPROXIMATE EMBANKMENT QUANTITY IS SHOWN FOR INFORMATION ONLY.
- APPROXIMATE EARTHWORK BALANCE IS SHOWN FOR INFORMATION ONLY.
- EARTH EXCAVATION TOTAL IS ROUNDED UP TO THE NEAREST 5 CU YD.
- REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS IS INTENDED FOR TOPSOIL. TOPSOIL DEPTH IS ESTIMATED AT A 9" THICKNESS.
- WHERE IT IS DENOTED WITH AN ASTERISK (\*), IT IS NOT A PAY ITEM.

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D162A74-sht-Schedule-03  
 USER NAME = dshevoz  
 PLOT SCALE = 100.0000' / 1" =  
 PLOT DATE = 5/15/2017

DESIGNED - SDH  
 DRAWN - SDH  
 CHECKED - MJE  
 DATE - 05/15/2017

REVISED -  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-I	COOK	275	26
<b>CONTRACT NO. 62A74</b>				
ILLINOIS FED. AID PROJECT				

**EXISTING DRAINAGE STRUCTURE SCHEDULE**

STATION	OFFSET	CATCH BASINS TO BE ADJUSTED	MANHOLES TO BE ADJUSTED	MANHOLES TO BE RECONSTRUCTED	INLETS TO BE ADJUSTED WITH NEW TYPE 6 FRAME AND GRATE	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	COMMENTS
		EACH	EACH	EACH	EACH	EACH	EACH	EACH	
<b>PR EB TAYLOR EXIT RAMP</b>									
7310+26	54.0' LT						1		
7310+27	66.0' LT	1							EX RIM EL = 577.44 ± PR RIM EL = 577.44 ±
7310+41	67.7' LT			1					EX RIM EL = 577.50 ± PR RIM EL = 577.50 ±
7310+59	16.3' RT					1			
7310+91	64.6' LT	1							EX RIM EL = 577.58 ± PR RIM EL = 577.58 ±
7312+51	18.0' LT					1			
7312+51	63.2' LT						1		
7313+07	65.3' LT			1					EX RIM EL = 581.14 ± PR RIM EL = 581.14 ±
7313+46	56.3' LT	1							EX RIM EL = 581.70 ± PR RIM EL = 581.70 ±
7313+87	20.6' RT				1				EX RIM EL = 592.49 ± PR RIM EL = 592.48 ±
7313+99	22.8' RT		1						EX RIM EL = 592.83 ± PR RIM EL = 592.88 ±
7314+85	11.9' RT						1		
7316+43	0.41' RT	1							EX RIM EL = 581.20 ± PR RIM EL = 581.20 ±
<b>DES PLAINES STREET</b>									
4125+26	6.3' RT		1						EX RIM EL = 593.73 ± PR RIM EL = 593.73 ±
<b>TOTALS</b>		<b>4</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>1</b>	

**EXISTING DRAINAGE PIPE SCHEDULE**

STATION	TRENCH BACKFILL	STORM SEWER REMOVAL	TELEVISION INSPECTION OF SEWER	COMBINED SEWERS TO BE CLEANED	COMBINED SEWER REMOVAL		
		12"			8"	12"	60"
		FOOT			FOOT	FOOT	FOOT
STA 7309+88.00 TO STA 7313+50.00	48.9	75	-	-	-	-	366
STA 7313+50.00 TO STA 7318+08.00	22.0	-	396	263	8	14	266
<b>TOTALS</b>	<b>70.9</b>	<b>75</b>	<b>396</b>	<b>263</b>	<b>8</b>	<b>14</b>	<b>632</b>
<b>ROUNDED TOTALS</b>	<b>70.9</b>	<b>75</b>	<b>396</b>	<b>263</b>	<b>8</b>	<b>14</b>	<b>632</b>

**EXISTING UTILITY STRUCTURE SCHEDULE**

STATION	OFFSET	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	COMMENTS
		EACH	
7315+11.12	40.9' RT	1	EX ELECTRIC MANHOLE
<b>TOTALS</b>		<b>1</b>	

NOTES:  
 1. ADDITIONAL TRENCH BACKFILL QUANTITY PROVIDED ON THE DRAINAGE AND UTILITY SCHEDULE FOR THE PROPOSED SEWERS.

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 USER NAME = dishevo2  
 PLOT SCALE = 100.0000' / 1" / 1"  
 PLOT DATE = 5/12/2017

DESIGNED - AFC  
 DRAWN - AFC  
 CHECKED - MJE  
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 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY SCHEDULES**

SCALE: NTS SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-1	COOK	275	27
<b>CONTRACT NO. 62A74</b>				
ILLINOIS FED. AID PROJECT				

**PROPOSED DRAINAGE STRUCTURE SCHEDULE**

STRUCTURE	STATION	OFFSET	OFFSET LOCATION (EDGE OF SHOULDER, CENTER OF STRUCTURE, OR FLOW LINE)	RIM (ELEV)	N. INVERT (ELEV)	W. INVERT (ELEV)	E. INVERT (ELEV)	S. INVERT (ELEV)	NE. INVERT (ELEV)	NW. INVERT (ELEV)	SE. INVERT (ELEV)	SW. INVERT (ELEV)	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)	MANHOLES TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)
													EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
<b>60" COMBINED SEWER (BASELINE: 60" COMBINED SEWER)</b>																					
S-C01	601+20.19	0.0'	COS	594.23	579.11 ±			579.11 ±												1	
S-C02	602+06.19	0.0'	COS	594.36	578.94 ±			578.94 ±												1	
S-C03	604+08.04	0.0'	COS	593.77	578.53 ±			578.53 ±												1	
S-C06	607+12.13	0.0'	COS	593.21	577.91 ±			577.91 ±												1	
<b>INFIELD AREA (BASELINE: EB TAYLOR EXIT RAMP)</b>																					
* S-00 (FST)	7310+60.00	18.0' LT	COS	573.42				562.73	562.73		568.77					1					
S-00A (FST)	7310+75.00	24.0' LT	COS	573.00						568.83			1								
* S-01 (FST)	7311+10.00	18.0' LT	COS	574.06	562.89						569.49					1					
S-02 (FST)	7311+50.00	35.0' LT	COS	575.30						569.90	570.15	570.15				1					
* S-03 (FST)	7311+60.00	16.4' LT	COS	574.75				570.24	570.35		570.24	1									
* S-04	7311+25.00	5.0' RT	COS	575.08							570.55							1			
* S-05	7311+68.97	3.9' RT	COS	574.97					570.34									1			
S-06 (FST)	7312+10.00	45.0' LT	COS	577.33						570.68	570.68					1					
* S-07 (FST)	7312+85.00	16.0' LT	COS	575.65		571.38		571.05	571.05				1								
* S-08	7312+85.00	1.0' RT	COS	576.18			571.53											1			
S-09 (FST)	7313+69.88	22.7' LT	COS	578.48	573.45			574.64								1					
* S-10 (FST)	7314+41.98	15.5' LT	COS	580.21	575.66	576.16					576.59			1							
* S-11	7314+41.98	1.0' RT	COS	580.64			576.23											1			
* S-12	7314+67.00	1.0' RT	COS	581.27					576.86									1			
<b>UIC INFIELD AREA (BASELINE: 60" COMBINED SEWER)</b>																					
S-24	601+59.66	4.7' LT	COS	592.99		589.88															1
S-25 (FST)	601+59.59	7.6' RT	COS	594.00	589.83		589.83													1	
<b>UIC ACCESS ROAD (BASELINE: 60" COMBINED SEWER)</b>																					
S-26	605+94.52	5.2' LT	FL	592.68		590.60															1
<b>TOTALS</b>													<b>1</b>	<b>2</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>5</b>	<b>1</b>	<b>4</b>	<b>2</b>

**NOTES:**

1. THE PROPOSED STRUCTURE SHALL BE A FLAT SLAB TOP WHEN IT IS ABBREVIATED FST.
2. WHERE THE PROPOSED DRAINAGE STRUCTURE IS NOTED WITH AN ASTERISK (\*), REFER TO DRAINAGE DETAIL SHEET NO. 97 FOR THE PLACEMENT OF THE RISER, ADJUSTMENT RINGS, FRAME, AND GRATE OR LID TO ACCOMMODATE THE FUTURE RAMP.

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0162474-sht-Drain-Schedule-02.dgn  
 USER NAME = dshevoz  
 PLOT SCALE = 100.0000' / 1" =  
 PLOT DATE = 5/12/2017

DESIGNED - AFC  
 DRAWN - AFC  
 CHECKED - MJE  
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REVISED -  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY SCHEDULES**

SCALE: NTS SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-1	COOK	275	28
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

**PROPOSED DRAINAGE PIPE SCHEDULE**

PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	APPROXIMATE LIMITS OF TRENCH BACKFILL	STORM SEWERS, CLASS A, TYPE 1		STORM SEWERS, CLASS A, TYPE 2		STORM SEWERS, CLASS A, TYPE 3	STORM SEWER (WATER MAIN REQUIREMENTS)	COMBINED SEWER (DUCTILE IRON PIPE)	COMBINED SEWER (EXTRA STRENGTH VITRIFIED CLAY PIPE)	COMBINED SEWERS, CLASS A, TYPE 2	COMBINED SEWER, (WATER MAIN REQUIREMENTS)	COMBINED SEWERS JACKED IN PLACE	REINFORCED CONCRETE PIPE ELBOW	CONCRETE COLLAR	REINFORCEMENT BARS, EPOXY COATED	TRENCH BACKFILL					
							12"	15"	12"	15"	15"	15 INCH	8 INCH	12 INCH	60"	60 INCH	60"	60"								
							FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	CU YD	POUND	CU YD
<b>60" COMBINED SEWER</b>																										
P-C00	STA 600+98.51	S-C01	579.15 ± (EX)	579.11	0.20%	NONE									12			1	1.90	113.0	0.0					
P-C01	S-C01	S-C02	579.11	578.94	0.21%	NONE										80					0.0					
P-C02	S-C02	S-C03	578.94	578.53	0.21%	UNDER UIC TENNIS COURTS									189			1			329.7					
P-C03	S-C03	STA 604+60.52	578.53	578.43	0.21%	NONE									42			1			0.0					
P-C04	STA 604+60.52	STA 606+58.03	578.43	578.01	0.21%	NONE											198				0.0					
P-C05	STA 606+58.03	S-C06	578.01	577.91	0.19%	NONE									36			2			0.0					
P-C06	S-C06	STA 607+19.13	577.91	577.90 ± (EX)	0.25%	NONE									4				1.90	113.0	0.0					
<b>INFIELD AREA (BASELINE: EB TAYLOR EXIT RAMP)</b>																										
* P-00	S-00 (FST)	PR MH (BY OTHERS)	562.73	562.61	0.32%	STA 7310+59, 19.8' LT TO STA 7310+58, 24.3' LT STA 7310+52, 45.6' LT TO STA 7310+50, 55.2' LT					38										31.5					
* P-00A	S-00A (FST)	S-00 (FST)	568.83	568.77	0.49%	ENTIRE LENGTH OF PIPE			13												7.2					
* P-01	S-01 (FST)	S-00 (FST)	562.89	562.73	0.33%	ENTIRE LENGTH OF PIPE					48										80.2					
* P-02	S-02 (FST)	S-01 (FST)	569.90	569.49	1.00%	STA 7311+26, 24.7' LT TO STA 7311+12, 18.7' LT			41												11.1					
* P-03	S-03 (FST)	S-02 (FST)	570.24	570.15	0.53%	STA 7311+59, 18.0' LT TO STA 7311+56, 22.9' LT			17												3.7					
* P-04	S-04	S-03 (FST)	570.55	570.35	0.51%	ENTIRE LENGTH OF PIPE			39												21.8					
* P-05	S-05	S-03 (FST)	570.34	570.24	0.50%	ENTIRE LENGTH OF PIPE			20												11.5					
* P-06	S-06 (FST)	S-02 (FST)	570.68	570.15	0.93%	NONE			57												0.0					
* P-07	S-07 (FST)	S-06 (FST)	571.05	570.68	0.48%	STA 7312+83, 16.7' LT TO STA 7312+68, 22.8' LT					77										13.0					
* P-08	S-08	S-07 (FST)	571.53	571.38	1.00%	ENTIRE LENGTH OF PIPE			15												8.4					
* P-09	S-09 (FST)	S-07 (FST)	573.45	571.05	3.00%	ENTIRE LENGTH OF PIPE				80											49.8					
* P-10	S-10 (FST)	S-09 (FST)	575.66	574.64	1.50%	ENTIRE LENGTH OF PIPE		68													35.1					
* P-11	S-11	S-10 (FST)	576.23	576.16	0.50%	ENTIRE LENGTH OF PIPE	14														7.3					
* P-12	S-12	S-10 (FST)	576.86	576.59	1.00%	ENTIRE LENGTH OF PIPE	27														13.1					
<b>UIC INFIELD AREA</b>																										
P-24	S-24	S-25 (FST)	589.88	589.83	0.50%	NONE							10								0.0					
P-25	S-25 (FST)	BLIND CONNECTION	589.83	584.14 ±	-	NONE							61								0.0					
<b>UIC ACCESS ROAD</b>																										
P-26	S-26	CONNECT TO EX PIPE	590.60	588.40 ± (EX)	-	ENTIRE LENGTH OF PIPE							6								1.4					
P-27	CONNECT TO EX PIPE	BLIND CONNECTION	585.05 ± (EX)	583.13 ±	-	ENTIRE LENGTH OF PIPE								7							7.7					
<b>ROUNDED TOTAL</b>							<b>41</b>	<b>68</b>	<b>104</b>	<b>178</b>	<b>38</b>	<b>125</b>	<b>77</b>	<b>7</b>	<b>283</b>	<b>80</b>	<b>198</b>	<b>5</b>	<b>3.8</b>	<b>226.0</b>	<b>632.5</b>					

**PROPOSED PIPE UNDERDRAINS SCHEDULE**

PIPE UNDERDRAIN	BASELINE	UPSTREAM		DOWNSTREAM			PIPE UNDERDRAINS	
		STATION	OFFSET	STRUCTURE NO.	STATION	OFFSET		4"
								(SPECIAL)
							FOOT	
PU-01	P-TAY-ES	7311+25	7.58' RT	S-04	7311+25	5.0' RT	3	
PU-02	P-TAY-ES	7311+69	6.45' RT	S-05	7311+69	3.9' RT	3	
PU-03	P-TAY-ES	7312+85	3.58' RT	S-08	7312+85	1.0' RT	3	
PU-04	P-TAY-ES	7314+42	3.58' RT	S-11	7314+42	1.0' RT	3	
PU-05	P-TAY-ES	7314+67	3.58' RT	S-12	7314+67	1.0' RT	3	
<b>ROUNDED TOTAL</b>							<b>15</b>	

**NOTES:**

- ADDITIONAL TRENCH BACKFILL QUANTITY PROVIDED ON THE DRAINAGE AND UTILITY SCHEDULE FOR THE EXISTING SEWER REMOVALS AND THE BILL OF MATERIALS FOR THE WATER MAIN IMPROVEMENTS.
- WHERE THE PROPOSED SEWER PIPE IS NOTED WITH AN ASTERISK (\*), REFER TO DRAINAGE DETAIL SHEET NO. 97 FOR THE APPROXIMATE LIMITS OF TRENCH BACKFILL TO ACCOMMODATE THE FUTURE RAMPS.
- PIPE UNDERDRAINS FOR STRUCTURES SHALL BE CONNECTED TO THE PROPOSED PIPE UNDERDRAINS 4" (SPECIAL) AND DRAINS INTO THE PROPOSED DRAINAGE STRUCTURE AS SHOWN ON THE SCHEDULE.

FILE PATH = p:\61749-PMINT\pcomon\line\local\DCM\_D902\_MIA\Documents\01\_Americas\T\engor\ation\60269938\_Circle\Phase\_11\000\_CAD\006\_Roadway\Sheets\62474\_Contract\0162474-sht-Drain-Schedule-03



D162474-sht-Drain-Schedule-03  
 USER NAME = ChiuA  
 PLOT SCALE = 100.0000' / in.  
 PLOT DATE = 5/15/2017

DESIGNED - AFC  
 DRAWN - AFC  
 CHECKED - MJE  
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REVISED -  
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 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY SCHEDULES**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-I	COOK	275	29
<b>CONTRACT NO. 62A74</b>				
ILLINOIS FED. AID PROJECT				

**EXISTING SB I-90/94**

EX CURVE KDR-ESB-00-1  
 PI STA = 186+12.11  
 $\Delta = 0^\circ 55' 38''$  (LT)  
 $D = 0^\circ 45' 00''$   
 $R = 7,640.04'$   
 $T = 61.81'$   
 $L = 123.62'$   
 $E = 0.25'$   
 PC STA = 185+50.30  
 PT STA = 186+73.92

EX CURVE KDR-ESB-00-2  
 PI STA = 194+46.34  
 $\Delta = 4^\circ 37' 53''$  (LT)  
 $D = 0^\circ 18' 00''$   
 $R = 19,100.00'$   
 $T = 772.39'$   
 $L = 1,543.93'$   
 $E = 15.61'$   
 PC STA = 186+73.95  
 PT STA = 202+17.88

EX CURVE KDR-ESB-00-3  
 PI STA = 8+34.32  
 $\Delta = 6^\circ 40' 44''$  (RT)  
 $D = 3^\circ 10' 59''$   
 $R = 1,800.01'$   
 $T = 105.03'$   
 $L = 209.82'$   
 $E = 3.06'$   
 SC STA = 7+29.29  
 CS STA = 9+39.11

EX CURVE KDR-ESB-00-4  
 PI STA = 13+66.51  
 $\Delta = 4^\circ 16' 36''$  (LT)  
 $D = 2^\circ 59' 59''$   
 $R = 1,910.09'$   
 $T = 71.32'$   
 $L = 142.57'$   
 $E = 1.33'$   
 SC STA = 12+95.19  
 CS STA = 14+37.76

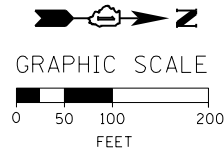
EX CURVE KDR-ESB-00-5  
 PI STA = 19+84.85  
 $\Delta = 3^\circ 04' 48''$  (RT)  
 $D = 0^\circ 30' 00''$   
 $R = 11,459.27'$   
 $T = 308.08'$   
 $L = 616.01'$   
 $E = 4.14'$   
 PC STA = 16+76.77  
 PT STA = 22+92.78

EX CURVE KDR-ESB-00-6  
 PI STA = 28+07.67  
 $\Delta = 1^\circ 23' 18''$  (RT)  
 $D = 0^\circ 15' 00''$   
 $R = 22,918.30'$   
 $T = 277.67'$   
 $L = 555.31'$   
 $E = 1.68'$   
 PC STA = 25+30.01  
 PT STA = 30+85.31

**PROPOSED EB TAYLOR EXIT**

PROP. CURVE P-TAY-ES-6  
 PI STA = 7315+63.15  
 $\Delta = 8^\circ 44' 46''$  (RT)  
 $D = 7^\circ 16' 16''$   
 $R = 788.00'$   
 $T = 60.26'$   
 $L = 120.29'$   
 $E = 2.30'$   
 $e = 4.60\%$   
 T.R. = NA  
 S.E. RUN = 119.00'  
 P.C. STA = 7315+02.89  
 P.T. STA = 7316+23.18

PROP. CURVE P-TAY-ES-7  
 PI STA = 7324+60.48  
 $\Delta = 7^\circ 04' 21''$  (RT)  
 $D = 3^\circ 56' 16''$   
 $R = 1,455.00'$   
 $T = 89.92'$   
 $L = 179.61'$   
 $E = 2.78'$   
 $e = 3.00\%$   
 T.R. = NA  
 S.E. RUN = 38.00'  
 P.C. STA = 7323+70.57  
 P.T. STA = 7325+50.17



**EXISTING NB I-90/94**

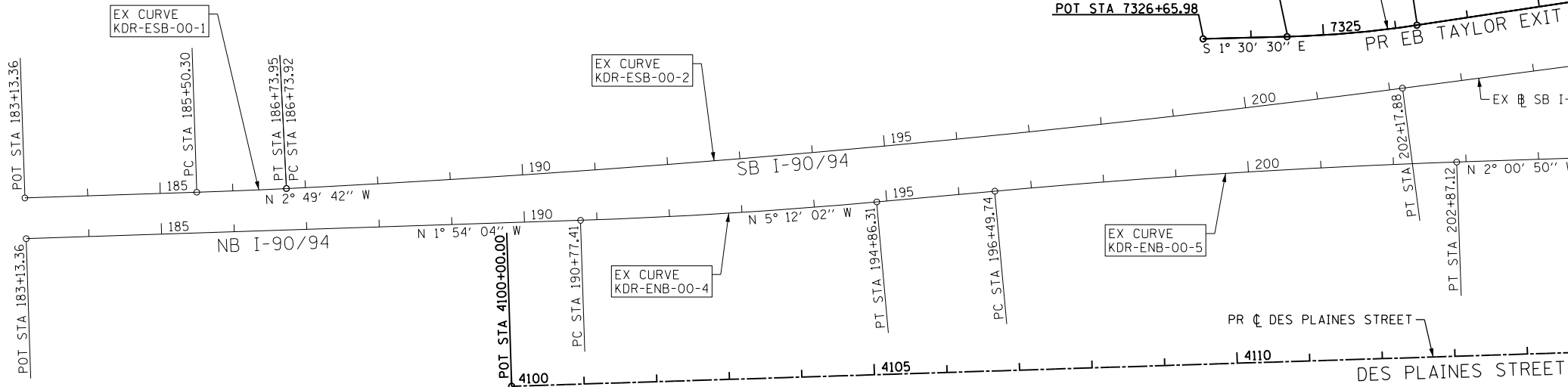
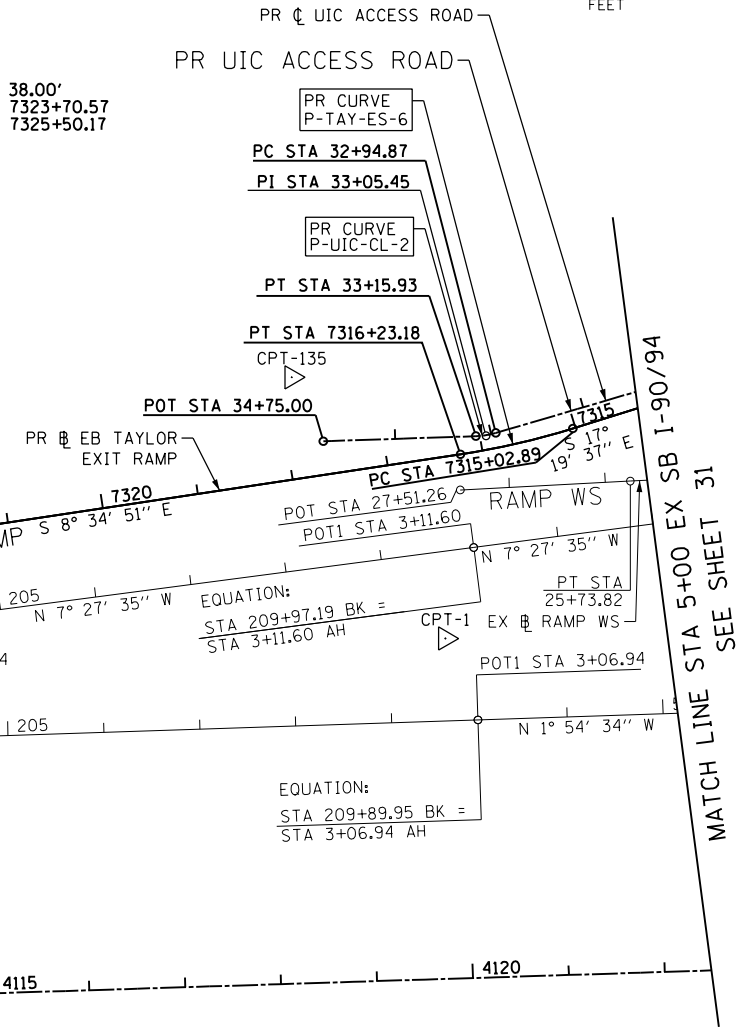
EX CURVE KDR-ENB-00-4  
 PI STA = 192+81.92  
 $\Delta = 3^\circ 17' 58''$  (LT)  
 $D = 0^\circ 48' 25''$   
 $R = 7,100.63'$   
 $T = 204.51'$   
 $L = 408.90'$   
 $E = 2.94'$   
 P.C. STA = 190+77.41  
 P.T. STA = 194+86.31

EX CURVE KDR-ENB-00-5  
 PI STA = 199+68.51  
 $\Delta = 3^\circ 11' 12''$  (RT)  
 $D = 0^\circ 30' 00''$   
 $R = 11,460.32'$   
 $T = 318.77'$   
 $L = 637.38'$   
 $E = 4.43'$   
 P.C. STA = 196+49.74  
 P.T. STA = 202+87.12

EX CURVE KDR-ENB-00-6  
 PI STA = 7+04.34  
 $\Delta = 7^\circ 10' 07''$  (LT)  
 $D = 2^\circ 00' 00''$   
 $R = 2,864.80'$   
 $T = 179.45'$   
 $L = 358.43'$   
 $E = 5.61'$   
 P.C. STA = 5+24.89  
 P.T. STA = 8+83.32

EX CURVE KDR-ENB-00-7  
 PI STA = 20+43.63  
 $\Delta = 11^\circ 24' 28''$  (RT)  
 $D = 1^\circ 30' 00''$   
 $R = 3,819.89'$   
 $T = 381.54'$   
 $L = 760.55'$   
 $E = 19.01'$   
 P.C. STA = 16+62.09  
 P.T. STA = 24+22.65

UIC ACCESS ROAD				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		30+00.00	1,897,099.3974	1,171,305.7598
PC	P-UIC-CL-1	30+85.45	1,897,101.9930	1,171,391.1701
PI	P-UIC-CL-1	31+12.48	1,897,102.8142	1,171,418.1926
PT	P-UIC-CL-1	31+31.49	1,897,076.8757	1,171,425.8138
PC	P-UIC-CL-2	32+94.87	1,896,920.1239	1,171,471.8705
PI	P-UIC-CL-2	33+05.45	1,896,909.9676	1,171,474.8546
PT	P-UIC-CL-2	33+15.93	1,896,899.3880	1,171,475.2099
POT		34+75.00	1,896,740.4032	1,171,480.5497



EX NB I-90/94 (KENNEDY EXPY)				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		183+13.36	1,894,228.6347	1,171,899.8969
PC	KDR-ENB-00-4	190+77.41	1,894,992.2698	1,171,874.5496
PI	KDR-ENB-00-4	192+81.92	1,895,196.6626	1,171,867.7651
PT	KDR-ENB-00-4	194+86.31	1,895,400.3262	1,171,849.2283
PC	KDR-ENB-00-5	196+49.74	1,895,563.0812	1,171,834.4148
PI	KDR-ENB-00-5	199+68.51	1,895,880.5418	1,171,805.5204
PT	KDR-ENB-00-5	202+87.12	1,896,199.1177	1,171,794.3177
POT	209+89.95 BK, 3+06.94 AH		1,896,901.5590	1,171,770.9004
PC	KDR-ENB-00-6	5+24.89	1,897,119.3934	1,171,763.6385
PI	KDR-ENB-00-6	7+04.34	1,897,298.7419	1,171,757.6595
PT	KDR-ENB-00-6	8+83.32	1,897,475.9425	1,171,729.3467
PC	KDR-ENB-00-7	16+62.09	1,898,244.9598	1,171,606.4743
PI	KDR-ENB-00-7	20+43.63	1,898,621.7192	1,171,546.2763
PT	KDR-ENB-00-7	24+22.65	1,899,002.9421	1,171,561.7870

EX SB I-90/94 (KENNEDY EXPY)				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		183+13.36	1,894,226.7720	1,171,843.7613
PC	KDR-ESB-00-1	185+50.30	1,894,463.5855	1,171,835.9008
PI	KDR-ESB-00-1	186+12.11	1,894,525.3637	1,171,833.8503
PT	KDR-ESB-00-1	186+73.92	1,894,587.1007	1,171,830.8004
PC	KDR-ESB-00-2	186+73.95	1,894,587.1274	1,171,830.7991
PI	KDR-ESB-00-2	194+46.34	1,895,358.5739	1,171,792.6885
PT	KDR-ESB-00-2	202+17.88	1,896,124.4241	1,171,692.4111
POT	209+97.19 BK, 3+11.60 AH		1,896,897.1317	1,171,591.2358
TS	KDR-ESB-00-3B	5+79.29	1,897,162.5525	1,171,556.4826
PIS	KDR-ESB-00-3B	6+79.30	1,897,261.7152	1,171,543.4986
SC	KDR-ESB-00-3	7+29.29	1,897,311.5276	1,171,539.0772
PI	KDR-ESB-00-3	8+34.32	1,897,416.1453	1,171,529.7912
CS	KDR-ESB-00-3	9+39.11	1,897,521.1330	1,171,532.7356
PIS	KDR-ESB-00-3A	9+89.11	1,897,571.1183	1,171,534.1374
ST	KDR-ESB-00-3A	10+89.10	1,897,670.8779	1,171,541.1020

EX SB I-90/94 (KENNEDY EXPY)				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
TS	KDR-ESB-00-4B	10+95.19	1,897,676.9607	1,171,541.5267
PIS	KDR-ESB-00-4B	12+28.55	1,897,809.9894	1,171,550.8139
SC	KDR-ESB-00-4	12+95.19	1,897,876.6634	1,171,551.9707
PI	KDR-ESB-00-4	13+66.51	1,897,947.9712	1,171,553.2078
CS	KDR-ESB-00-4	14+37.76	1,898,019.1728	1,171,549.1239
PIS	KDR-ESB-00-4A	15+04.45	1,898,085.7441	1,171,545.3056
ST	KDR-ESB-00-4A	16+37.75	1,898,218.2892	1,171,530.7143
PC	KDR-ESB-00-5	16+76.77	1,898,257.0735	1,171,526.4446
PI	KDR-ESB-00-5	19+84.85	1,898,563.3008	1,171,492.7332
PT	KDR-ESB-00-5	22+92.78	1,898,870.8971	1,171,475.5242
PC	KDR-ESB-00-6	25+30.01	1,899,107.7534	1,171,462.2729
PI	KDR-ESB-00-6	28+07.67	1,899,384.9870	1,171,446.7626
PT	KDR-ESB-00-6	30+85.31	1,899,662.5150	1,171,437.9735
POT		45+34.00	1,901,110.4797	1,171,392.1175

FILE PATH = P:\62088727\020\_CAD\006\_Roadway\Printung\620747\Final\_20170515\0162474-Sht-ATB-01.dgn



DESIGNED - OPS  
 USER NAME = dshevez  
 DRAWN - OPS  
 PLOT SCALE = 1/8" = 1' / 1/4"  
 CHECKED - DBM  
 PLOT DATE = 5/12/2017  
 REVISIONS:  
 REVISIONS -  
 REVISIONS -  
 REVISIONS -  
 REVISIONS -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 100' SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-1	COOK	275	30
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

**PROPOSED EB TAYLOR EXIT**

PROP. CURVE P-TAY-ES-1  
 PI STA. = 7303+20.62  
 $\Delta = 14^\circ 41' 14''$  (RT)  
 D = 4° 58' 09"  
 R = 1,153.00'  
 T = 148.59'  
 L = 295.56'  
 E = 9.54'  
 e = 5.80%  
 T.R. = NA  
 S.E. RUN = 0.00'  
 P.C. STA = 7301+72.03  
 P.C.C. STA = 7304+67.59

PROP. CURVE P-TAY-ES-2  
 PI STA. = 7304+87.59  
 $\Delta = 1^\circ 59' 16''$  (RT)  
 D = 4° 58' 09"  
 R = 1,153.00'  
 T = 20.00'  
 L = 40.00'  
 E = 0.17'  
 e = 5.80%  
 T.R. = NA  
 S.E. RUN = 0.00'  
 P.C.C. STA = 7304+67.59  
 P.C.C. STA = 7305+07.59

PROP. CURVE P-TAY-ES-3  
 PI STA. = 7306+04.16  
 $\Delta = 17^\circ 09' 39''$  (RT)  
 D = 8° 57' 09"  
 R = 640.00'  
 T = 96.57'  
 L = 191.69'  
 E = 7.24'  
 e = 5.80%  
 T.R. = NA  
 S.E. RUN = 0.00'  
 P.C.C. STA = 7305+07.59  
 P.C.C. STA = 7306+99.28

PROP. CURVE P-TAY-ES-4  
 PI STA. = 7309+26.26  
 $\Delta = 44^\circ 07' 39''$  (RT)  
 D = 10° 13' 53"  
 R = 560.00'  
 T = 226.98'  
 L = 431.30'  
 E = 44.25'  
 e = 5.80%  
 T.R. = NA  
 S.E. RUN = 150.00'  
 P.C.C. STA = 7306+99.28  
 P.T. STA = 7311+30.57

PROP. CURVE P-TAY-ES-5  
 PI STA. = 7313+24.65  
 $\Delta = 7^\circ 47' 11''$  (LT)  
 D = 6° 36' 03"  
 R = 868.00'  
 T = 59.07'  
 L = 117.96'  
 E = 2.01'  
 e = 4.40%  
 T.R. = NA  
 S.E. RUN = 114.00'  
 P.C. STA = 7312+65.57  
 P.T. STA = 7313+83.54

**EXISTING HARRISON STREET**

EX CURVE P-HAR-CL-1  
 PI STA = 7806+31.79  
 $\Delta = 7^\circ 45' 00''$  (LT)  
 D = 4° 58' 56"  
 R = 1,150.00'  
 T = 77.90'  
 L = 155.55'  
 E = 2.64'  
 e = N/A  
 TR = N/A  
 SE RUN = N/A  
 PC STA = 7805+53.90  
 PT STA = 7807+09.45

PR EB TAYLOR EXIT				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		7300+00.00	1,897,859.3643	1,170,489.3261
PC	P-TAY-ES-1	7301+72.03	1,897,851.8722	1,170,661.1900
PI	P-TAY-ES-1	7303+20.62	1,897,855.7720	1,170,809.7335
PCC	P-TAY-ES-1/P-TAY-ES-2	7304+67.59	1,897,821.8823	1,170,954.4121
PI	P-TAY-ES-2	7304+87.59	1,897,815.9728	1,170,973.5222
PCC	P-TAY-ES-2/P-TAY-ES-3	7305+07.59	1,897,809.4040	1,170,992.4159
PI	P-TAY-ES-3	7306+04.16	1,897,777.6920	1,171,083.6281
PCC	P-TAY-ES-3/P-TAY-ES-4	7306+99.28	1,897,720.4792	1,171,161.4226
PI	P-TAY-ES-4	7309+26.26	1,897,586.0018	1,171,344.2768
PT	P-TAY-ES-4	7311+30.57	1,897,362.1613	1,171,381.8972
PC	P-TAY-ES-5	7312+65.57	1,897,229.0285	1,171,404.2726
PI	P-TAY-ES-5	7313+24.65	1,897,170.7739	1,171,414.0633
PT	P-TAY-ES-5	7313+83.54	1,897,114.3829	1,171,431.6563
PC	P-TAY-ES-6	7315+02.89	1,897,000.4422	1,171,467.2036
PI	P-TAY-ES-6	7315+63.15	1,896,942.9165	1,171,485.1506
PT	P-TAY-ES-6	7316+23.18	1,896,883.3307	1,171,494.1417
PC	P-TAY-ES-7	7323+70.57	1,896,144.3089	1,171,605.6557
PI	P-TAY-ES-7	7324+60.48	1,896,055.3983	1,171,619.0718
PT	P-TAY-ES-7	7325+50.17	1,895,965.5123	1,171,621.4385
POT		7326+65.98	1,895,849.7437	1,171,624.4867

EX 54" DIAMETER WATERMAIN				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		900+00.00	1,897,270.8506	1,171,618.0533
PC		900+24.90	1,897,245.9685	1,171,618.8680
PI		900+40.21	1,897,230.6605	1,171,619.3691
PT		900+48.77	1,897,230.4787	1,171,604.0540
PI		904+35.75	1,897,221.0968	1,171,217.1850
PI		904+52.53	1,897,226.5388	1,171,201.3144
POT		904+84.88	1,897,225.7373	1,171,168.9731

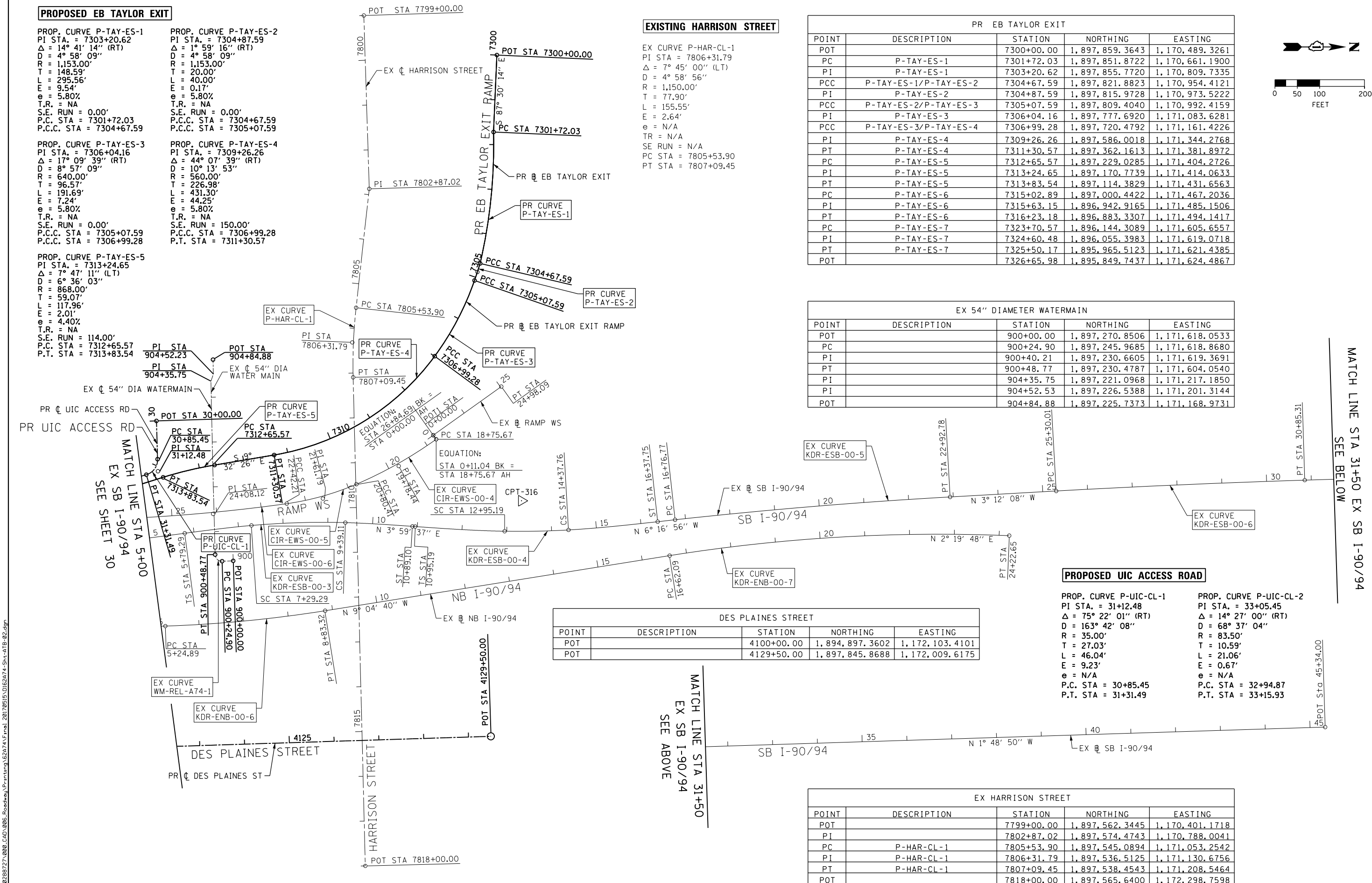
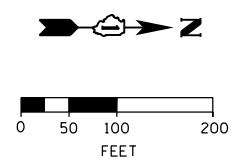
DES PLAINES STREET				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		4100+00.00	1,894,897.3602	1,172,103.4101
POT		4129+50.00	1,897,845.8688	1,172,009.6175

**PROPOSED UIC ACCESS ROAD**

PROP. CURVE P-UIC-CL-1  
 PI STA. = 31+12.48  
 $\Delta = 75^\circ 22' 01''$  (RT)  
 D = 163° 42' 08"  
 R = 35.00'  
 T = 27.03'  
 L = 46.04'  
 E = 9.23'  
 e = N/A  
 P.C. STA = 30+85.45  
 P.T. STA = 31+31.49

PROP. CURVE P-UIC-CL-2  
 PI STA. = 33+05.45  
 $\Delta = 14^\circ 27' 00''$  (RT)  
 D = 68° 37' 04"  
 R = 83.50'  
 T = 10.59'  
 L = 21.06'  
 E = 0.67'  
 e = N/A  
 P.C. STA = 32+94.87  
 P.T. STA = 33+15.93

EX HARRISON STREET				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		7799+00.00	1,897,562.3445	1,170,401.1718
PI		7802+87.02	1,897,574.4743	1,170,788.0041
PC	P-HAR-CL-1	7805+53.90	1,897,545.0894	1,171,053.2542
PI	P-HAR-CL-1	7806+31.79	1,897,536.5125	1,171,130.6756
PT	P-HAR-CL-1	7807+09.45	1,897,538.4543	1,171,208.5464
POT		7818+00.00	1,897,565.6400	1,172,298.7598



FILE PATH = P:\62088727\000\_CAD\006\_Roadway\Print\ung\62074\Final\_20170515\_0162474\_Sht-ATB-02.dgn



D162474-Sht-ATB-02.dgn  
 USER NAME = dishveoz  
 PLOT SCALE = 200.0000' / in.  
 PLOT DATE = 5/12/2017

DESIGNED - OPS	REVISED -
DRAWN - OPS	REVISED -
CHECKED - DBM	REVISED -
DATE - 05/15/2017	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

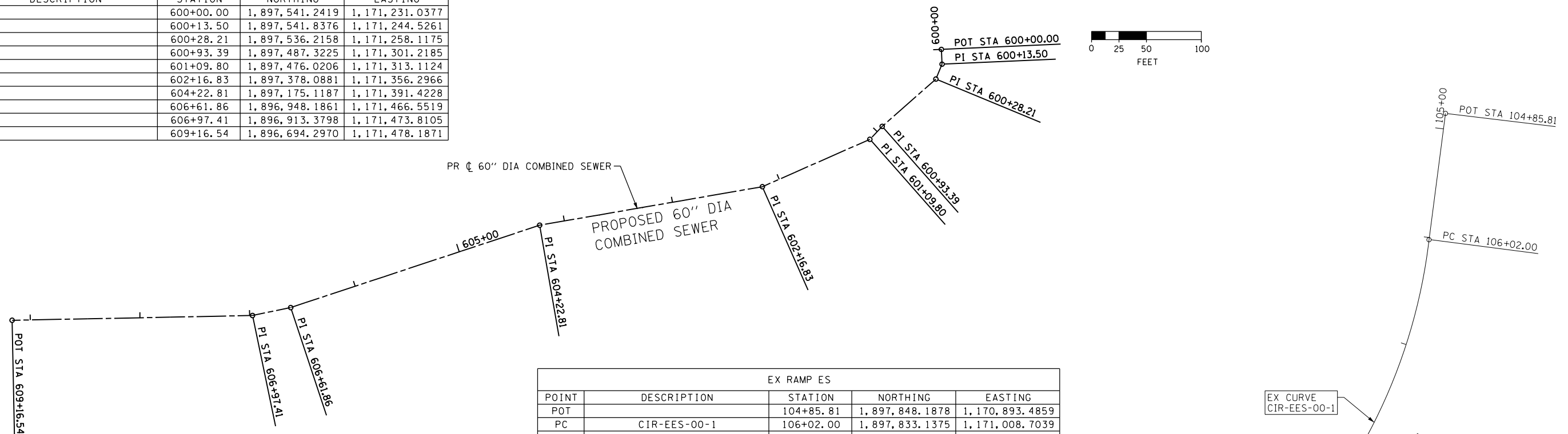
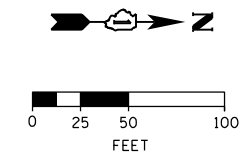
ALIGNMENT, TIES AND BENCHMARKS			
SCALE:	SHEET	OF	SHEETS
1" = 100'	2	4	
STATION	TO STA.		

F.A.I. RTE. 90/94/290	SECTION 2015-022-1	COUNTY COOK	TOTAL SHEETS 275	SHEET NO. 31
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

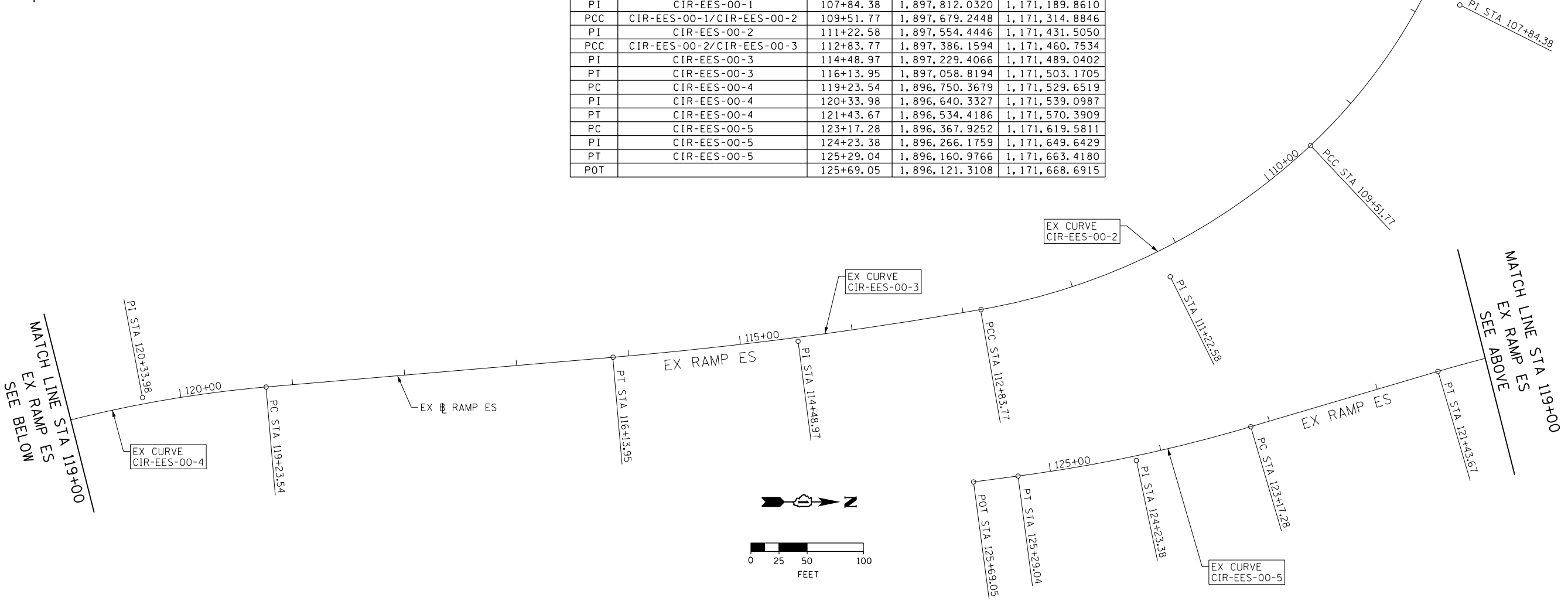
MATCH LINE STA 31+50 EX SB I-90/94  
SEE BELOW

MATCH LINE STA 31+50  
EX SB I-90/94  
SEE ABOVE

PR 60" DIAMETER COMBINED SEWER				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		600+00.00	1,897,541.2419	1,171,231.0377
PI		600+13.50	1,897,541.8376	1,171,244.5261
PI		600+28.21	1,897,536.2158	1,171,258.1175
PI		600+93.39	1,897,487.3225	1,171,301.2185
PI		601+09.80	1,897,476.0206	1,171,313.1124
PI		602+16.83	1,897,378.0881	1,171,356.2966
PI		604+22.81	1,897,175.1187	1,171,391.4228
PI		606+61.86	1,896,948.1861	1,171,466.5519
PI		606+97.41	1,896,913.3798	1,171,473.8105
POT		609+16.54	1,896,694.2970	1,171,478.1871



EX RAMP ES				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		104+85.81	1,897,848.1878	1,170,893.4859
PC	CIR-EES-00-1	106+02.00	1,897,833.1375	1,171,008.7039
PI	CIR-EES-00-1	107+84.38	1,897,812.0320	1,171,189.8610
PCC	CIR-EES-00-1/CIR-EES-00-2	109+51.77	1,897,679.2448	1,171,314.8846
PI	CIR-EES-00-2	111+22.58	1,897,554.4446	1,171,431.5050
PCC	CIR-EES-00-2/CIR-EES-00-3	112+83.77	1,897,386.1594	1,171,460.7534
PI	CIR-EES-00-3	114+48.97	1,897,229.4066	1,171,489.0402
PT	CIR-EES-00-3	116+13.95	1,897,058.8194	1,171,503.1705
PC	CIR-EES-00-4	119+23.54	1,896,750.3679	1,171,529.6519
PI	CIR-EES-00-4	120+33.98	1,896,640.3327	1,171,539.0987
PT	CIR-EES-00-4	121+43.67	1,896,534.4186	1,171,570.3909
PC	CIR-EES-00-5	123+17.28	1,896,367.9252	1,171,619.5811
PI	CIR-EES-00-5	124+23.38	1,896,266.1759	1,171,649.6429
PT	CIR-EES-00-5	125+29.04	1,896,160.9766	1,171,663.4180
POT		125+69.05	1,896,121.3108	1,171,668.6915



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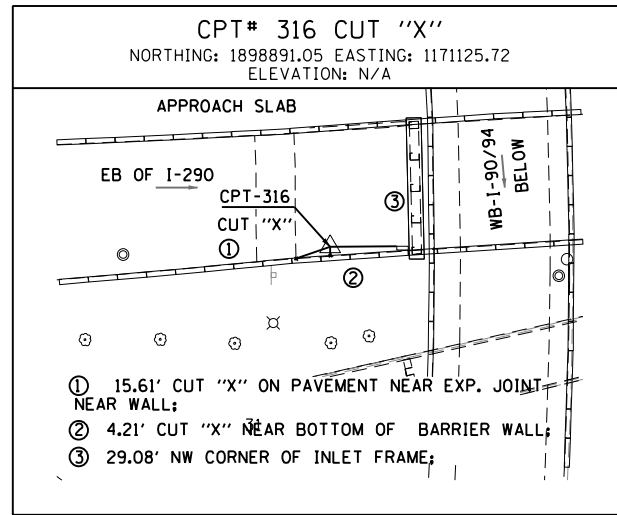
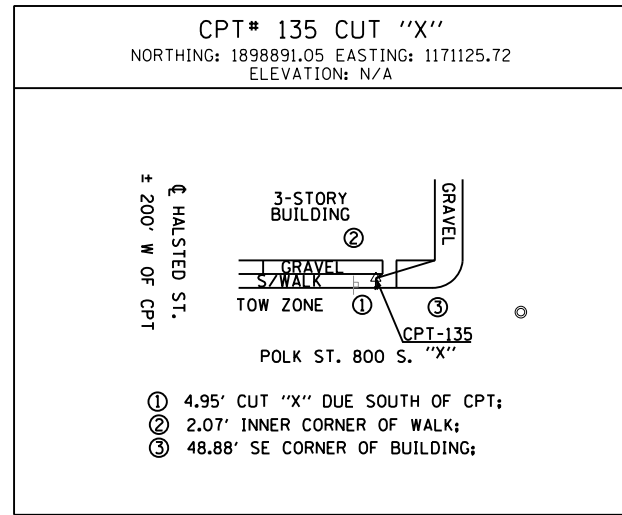
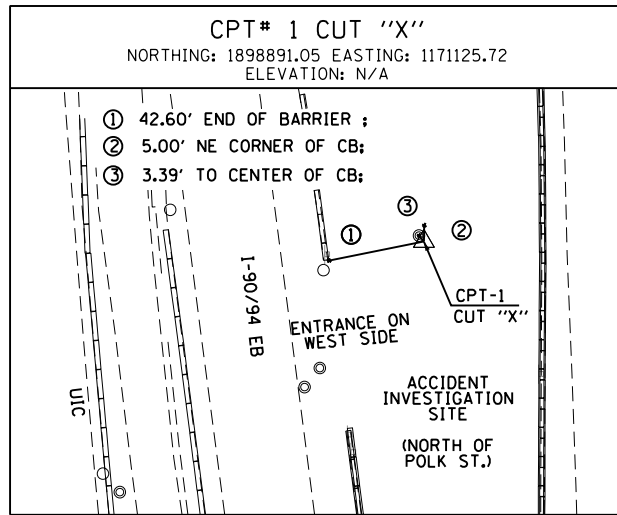
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: NONE SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-1	COOK	275	32
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				





BENCHMARKS		
MONUMENT	ELEVATION	DESCRIPTION
BM 1143	580.1100	SET "X" ON WESTERLY JAYWALL OF I-90 ±35' SOUTH OF HARRISON ST OVERPASS
BM 1144	585.7601	CHISEL "X" ON OVERHEAD SIGN BOLT, SIGN #D1 WEST SIDE OF I-90 ±300' SOUTH OF HARRISON (CENTER OF 3 EAST BOLTS)
BM 1145	586.1391	CHISEL "X" ON WESTERLY BOLT OF HIGH MAST LIGHT POLE CL OF I-90 ±200' SOUTH OF PUMP/LIFT STATION
BM 1146	582.9574	SET "X" ON WESTERLY JAYWALL OF I-90 WESTBOUND OPPOSITE SIGN #D4
BM 1147	579.4454	SET "X" ON WESTERLY JAYWALL OF ACCIDENT INVESTIGATION SITE ±35' NORTH OF EAST 90/94 SIGN.

**EXISTING RAMP ES**

EXIST. CURVE CIR-EES-00-1  
 PI STA. = 107+84.38  
 $\Delta = 40^\circ 04' 47''$  (RT)  
 $D = 11^\circ 27' 32''$   
 $R = 500.01'$   
 $T = 182.38'$   
 $L = 349.77'$   
 $E = 32.22'$   
 P.C. STA. = 106+02.00  
 P.C.C. STA. = 109+51.77

EXIST. CURVE CIR-EES-00-2  
 PI STA. = 111+22.58  
 $\Delta = 33^\circ 11' 59''$  (RT)  
 $D = 11^\circ 27' 59''$   
 $R = 572.97'$   
 $T = 170.81'$   
 $L = 332.00'$   
 $E = 24.92'$   
 P.C. STA. = 109+51.77  
 P.C.C. STA. = 112+83.77

EXIST. CURVE CIR-EES-00-3  
 PI STA. = 114+48.97  
 $\Delta = 4^\circ 57' 10''$  (RT)  
 $D = 1^\circ 30' 00''$   
 $R = 3,819.73'$   
 $T = 165.19'$   
 $L = 330.18'$   
 $E = 3.57'$   
 P.C.C. STA. = 112+83.77  
 P.T. STA. = 116+13.95

EXIST. CURVE CIR-EES-00-4  
 PI STA. = 120+33.98  
 $\Delta = 11^\circ 33' 10''$  (LT)  
 $D = 5^\circ 14' 53''$   
 $R = 1,091.74'$   
 $T = 110.44'$   
 $L = 220.13'$   
 $E = 5.57'$   
 P.C. STA. = 119+23.54  
 P.T. STA. = 121+43.67

EXIST. CURVE CIR-EES-00-5  
 PI STA. = 124+23.38  
 $\Delta = 8^\circ 59' 59''$  (RT)  
 $D = 4^\circ 15' 00''$   
 $R = 1,348.15'$   
 $T = 106.10'$   
 $L = 211.76'$   
 $E = 4.17'$   
 P.C. STA. = 123+17.28  
 P.T. STA. = 125+29.04

EX RAMP WS				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
PT	CIR-EWS-00-3	24+98.09	1,897,869.1423	1,171,229.2078
POT	26+84.69 BK = STA 0+00.00 AH		1,897,717.3617	1,171,337.7582
PC	CIR-EWS-00-4, 0+11.04 BK = 18+75.67 AH		1,897,723.7342	1,171,346.7691
PI	CIR-EWS-00-4	19+78.44	1,897,640.1447	1,171,406.5568
PCC	CIR-EWS-00-4/CIR-EWS-00-05	20+80.41	1,897,545.6837	1,171,447.0403
PI	CIR-EWS-00-5	21+61.79	1,897,470.8805	1,171,479.0990
PCC	CIR-EWS-00-5/CIR-EWS-00-06	22+42.21	1,897,390.2813	1,171,490.3702
PI	CIR-EWS-00-6	24+08.12	1,897,225.9725	1,171,513.3475
PT	CIR-EWS-00-6	25+73.82	1,897,060.2922	1,171,522.0278
POT		27+51.26	1,896,883.0948	1,171,531.3115

**EXISTING RAMP WS**

EXIST. CURVE CIR-EWS-00-3  
 PI STA. = 23+40.00  
 $\Delta = 90^\circ 44' 22''$  (LT)  
 $D = 20^\circ 41' 04''$   
 $R = 277.00'$   
 $T = 280.60'$   
 $L = 438.69'$   
 $E = 117.29'$   
 P.C. STA. = 20+59.40  
 P.T. STA. = 24+98.09

EXIST. CURVE CIR-EWS-00-4  
 PI STA. = 19+78.44  
 $\Delta = 12^\circ 22' 32''$  (RT)  
 $D = 6^\circ 02' 40''$   
 $R = 947.89'$   
 $T = 102.77'$   
 $L = 204.74'$   
 $E = 5.55'$   
 P.C. STA. = 18+75.67  
 P.C.C. STA. = 20+80.41

EXIST. CURVE CIR-EWS-00-5  
 PI STA. = 21+61.79  
 $\Delta = 15^\circ 14' 17''$  (RT)  
 $D = 9^\circ 25' 03''$   
 $R = 608.40'$   
 $T = 81.38'$   
 $L = 161.81'$   
 $E = 5.42'$   
 P.C.C. STA. = 20+80.41  
 P.C.C. STA. = 22+42.21

EXIST. CURVE CIR-EWS-00-6  
 PI STA. = 24+08.12  
 $\Delta = 4^\circ 57' 42''$  (RT)  
 $D = 1^\circ 29' 46''$   
 $R = 3,829.31'$   
 $T = 165.91'$   
 $L = 331.61'$   
 $E = 3.59'$   
 P.C.C. STA. = 22+42.21  
 P.T. STA. = 25+73.82

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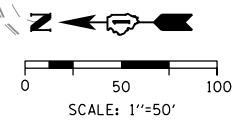
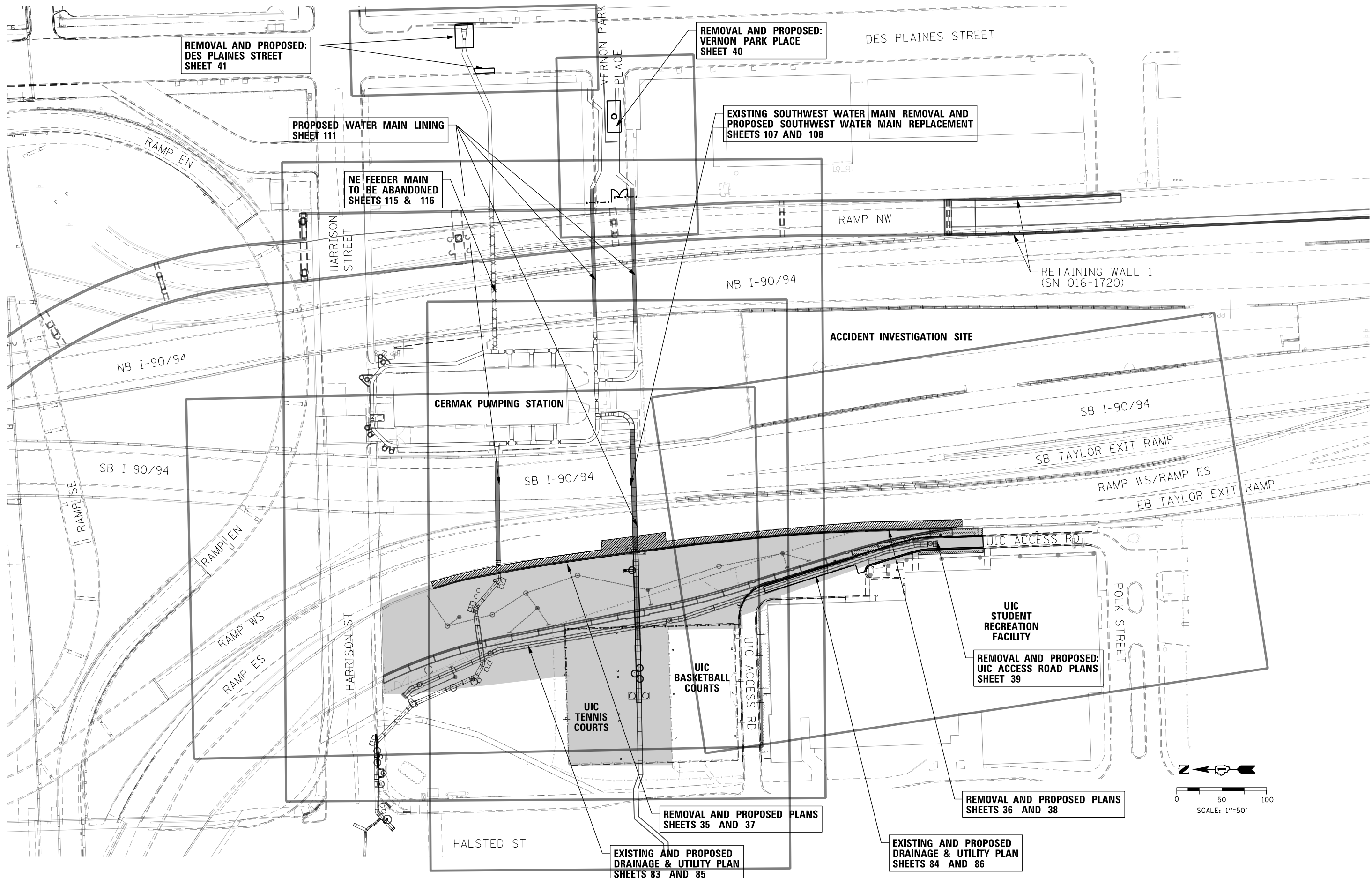
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DATE - 05/15/2017	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-1	COOK	275	33
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				



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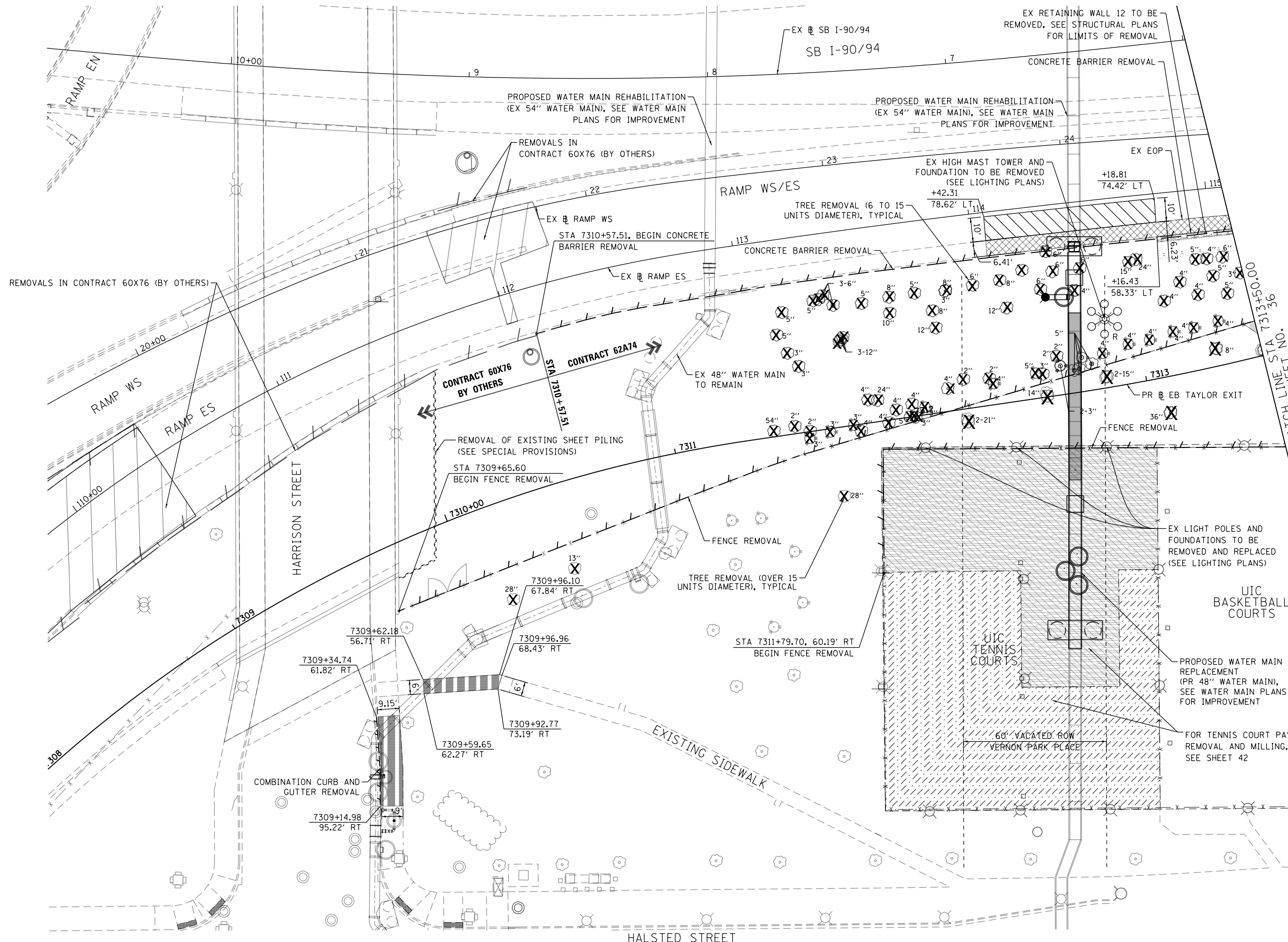
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY KEY PLAN**

SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-1	COOK	275	34
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

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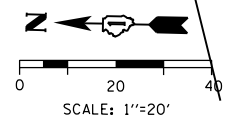


**REMOVAL LEGEND**

- PAVEMENT REMOVAL
- SHOULDER REMOVAL
- TENNIS COURT PAVEMENT SURFACE REMOVAL (MILLING), (SEE SPECIAL PROVISIONS)
- TENNIS COURT PAVEMENT REMOVAL, (SEE SPECIAL PROVISIONS)
- HMA SURF REM SPL
- SIDEWALK REMOVAL
- LINEAR REMOVAL
- TREE REMOVAL

**NOTES**

1. STATION AND OFFSETS ARE MEASURED OFF PR EB TAYLOR EXIT RAMP UNLESS OTHERWISE NOTED.
2. SEE SHEET 103 FOR RIGHT-OF-WAY INFORMATION.
3. TREE SIZES SHOWN ARE APPROXIMATE. THE TREE SURVEY WAS PERFORMED IN 2013. ACTUAL TREE SIZES MAY DIFFER THAN LISTED. ADJUSTMENTS TO THE TREE REMOVAL SHALL BE DETERMINED IN THE FIELD.



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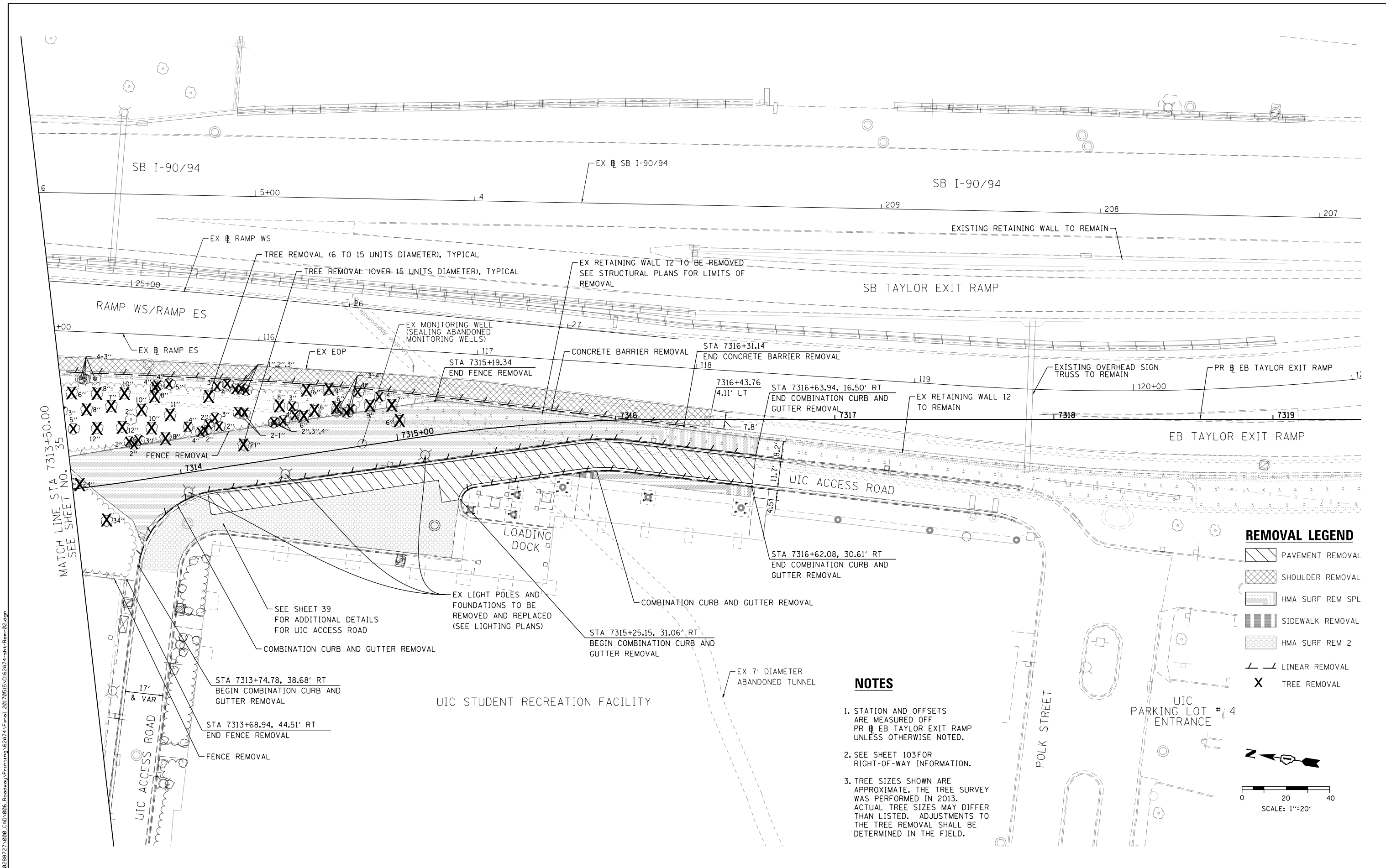
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING PLAN  
REMOVAL**

SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-I	COOK	275	35
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

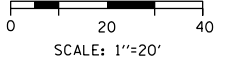


**REMOVAL LEGEND**

- PAVEMENT REMOVAL
- SHOULDER REMOVAL
- HMA SURF REM SPL
- SIDEWALK REMOVAL
- HMA SURF REM 2
- LINEAR REMOVAL
- TREE REMOVAL

**NOTES**

1. STATION AND OFFSETS ARE MEASURED OFF PR EB TAYLOR EXIT RAMP UNLESS OTHERWISE NOTED.
2. SEE SHEET 103 FOR RIGHT-OF-WAY INFORMATION.
3. TREE SIZES SHOWN ARE APPROXIMATE. THE TREE SURVEY WAS PERFORMED IN 2013. ACTUAL TREE SIZES MAY DIFFER THAN LISTED. ADJUSTMENTS TO THE TREE REMOVAL SHALL BE DETERMINED IN THE FIELD.



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CHECKED - DBM	REVISED -
DATE - 05/15/2017	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EXISTING PLAN  
 REMOVAL**

SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. TO STA.

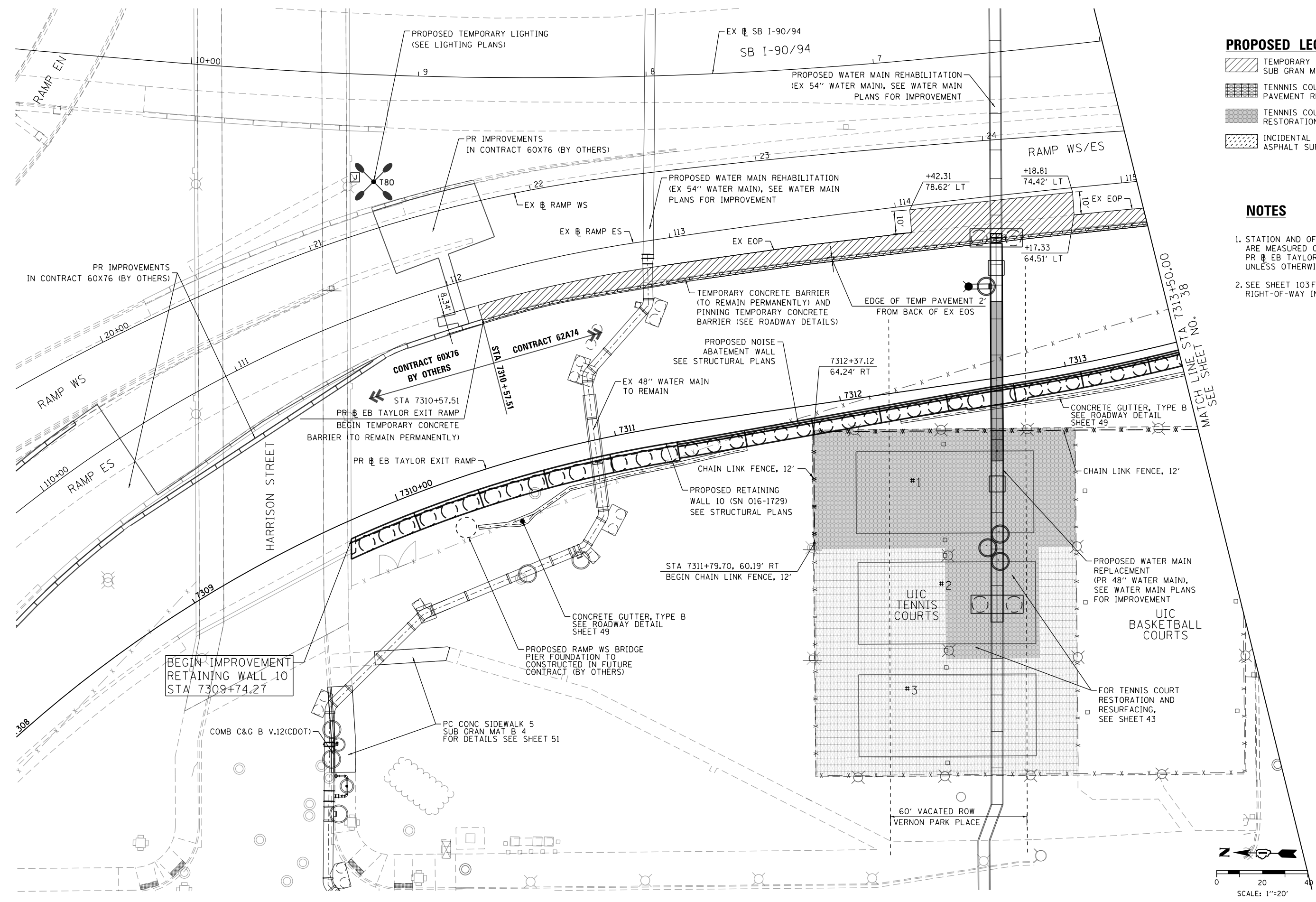
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CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

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**PROPOSED LEGEND**

	TEMPORARY PAVEMENT SUB GRAN MAT B 8
	TENNIS COURT PAVEMENT RESURFACING
	TENNIS COURT PAVEMENT RESTORATION
	INCIDENTAL HOT-MIX ASPHALT SURFACING - 6"

- NOTES**
1. STATION AND OFFSETS ARE MEASURED OFF PR EB TAYLOR EXIT RAMP UNLESS OTHERWISE NOTED.
  2. SEE SHEET 103 FOR RIGHT-OF-WAY INFORMATION.



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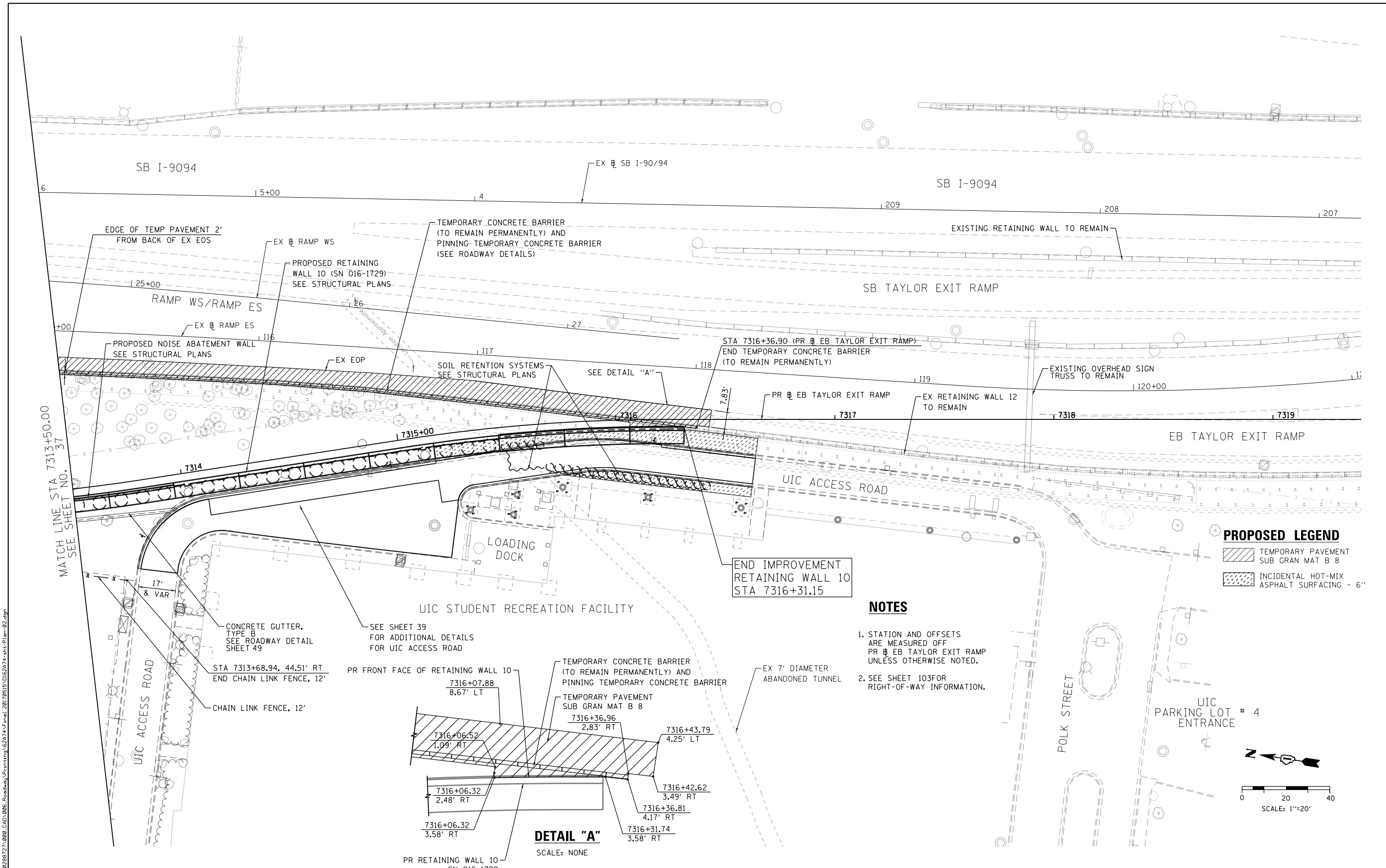
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN**

SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. TO STA.

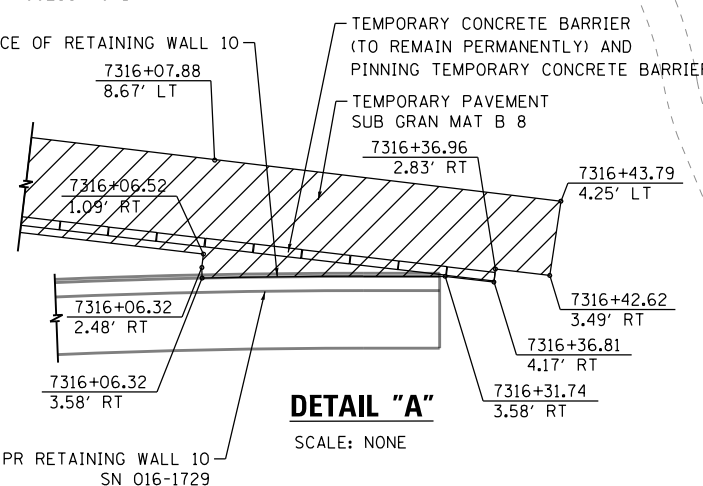
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90/94/290	2015-022-1	COOK	275	37
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				



**PROPOSED LEGEND**

- TEMPORARY PAVEMENT SUB GRAN MAT B 8
- INCIDENTAL HOT-MIX ASPHALT SURFACING - 6"

- NOTES**
- STATION AND OFFSETS ARE MEASURED OFF PR EB TAYLOR EXIT RAMP UNLESS OTHERWISE NOTED.
  - SEE SHEET 103 FOR RIGHT-OF-WAY INFORMATION.



MATCH LINE STA 7313+50.00 SEE SHEET NO. 37

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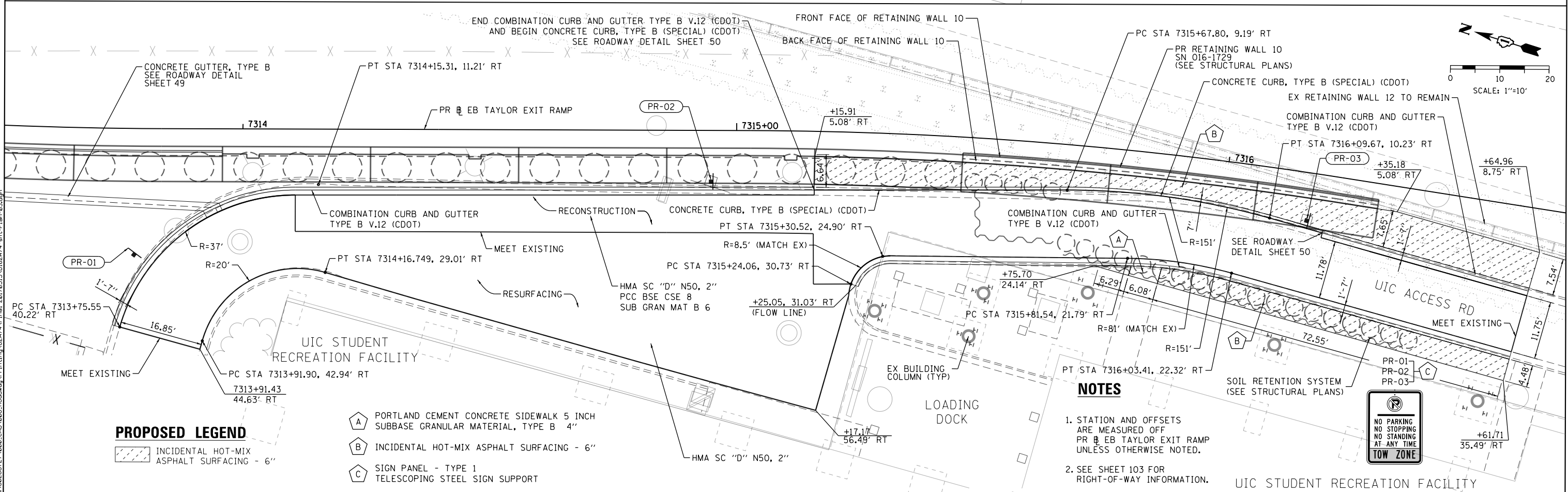
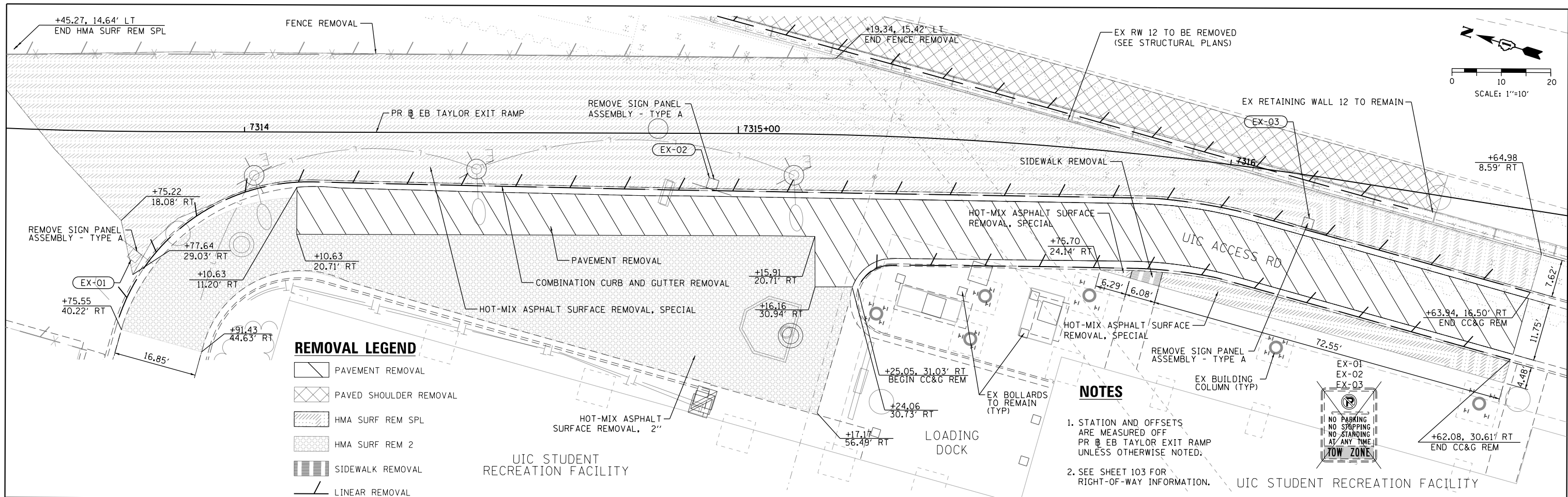
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DATE - 05/15/2017	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN**  
 SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2015-022-1	COUNTY COOK	TOTAL SHEETS 275	SHEET NO. 38
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				



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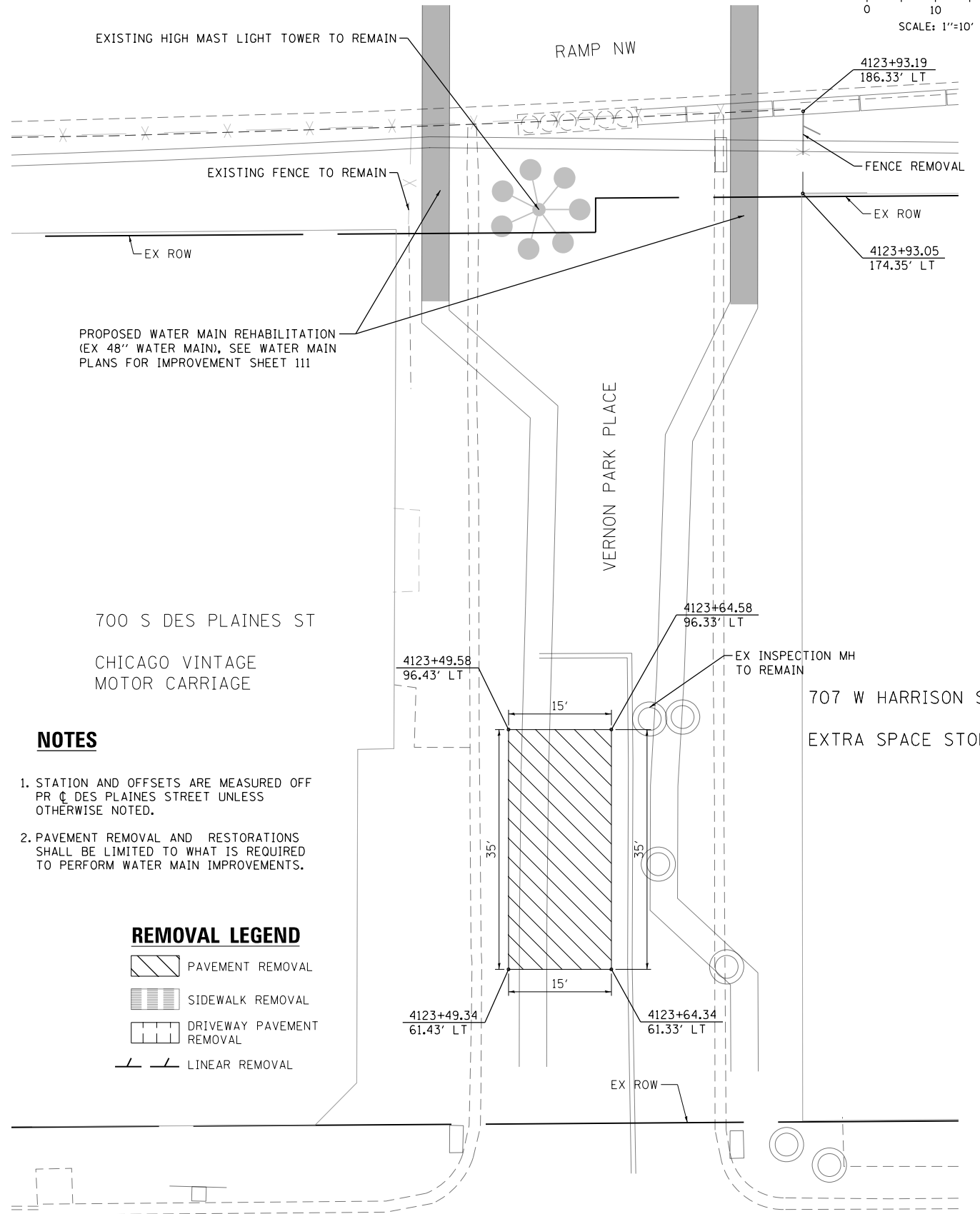
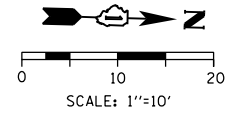
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DATE - 05/15/2017	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL AND PROPOSED PLAN: UIC ACCESS ROAD**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-1	COOK	275	39
CONTRACT NO. 62A74			ILLINOIS FED. AID PROJECT	



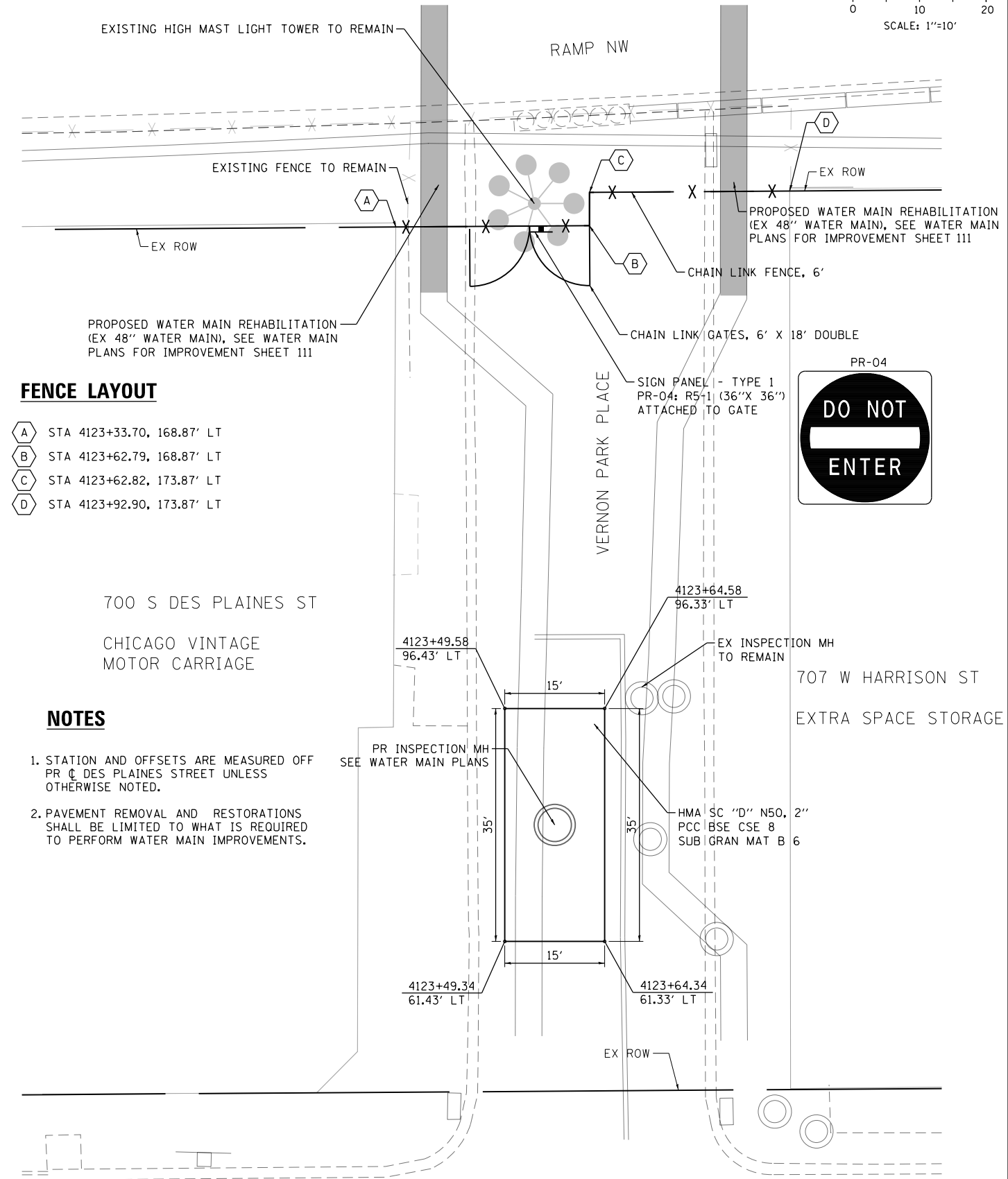
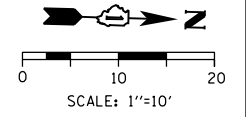
**NOTES**

1. STATION AND OFFSETS ARE MEASURED OFF PR  $\phi$  DES PLAINES STREET UNLESS OTHERWISE NOTED.
2. PAVEMENT REMOVAL AND RESTORATIONS SHALL BE LIMITED TO WHAT IS REQUIRED TO PERFORM WATER MAIN IMPROVEMENTS.

**REMOVAL LEGEND**

- PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- LINEAR REMOVAL

**EXISTING**



**NOTES**

1. STATION AND OFFSETS ARE MEASURED OFF PR  $\phi$  DES PLAINES STREET UNLESS OTHERWISE NOTED.
2. PAVEMENT REMOVAL AND RESTORATIONS SHALL BE LIMITED TO WHAT IS REQUIRED TO PERFORM WATER MAIN IMPROVEMENTS.

**FENCE LAYOUT**

- STA 4123+33.70, 168.87' LT
- STA 4123+62.79, 168.87' LT
- STA 4123+62.82, 173.87' LT
- STA 4123+92.90, 173.87' LT



**PROPOSED**

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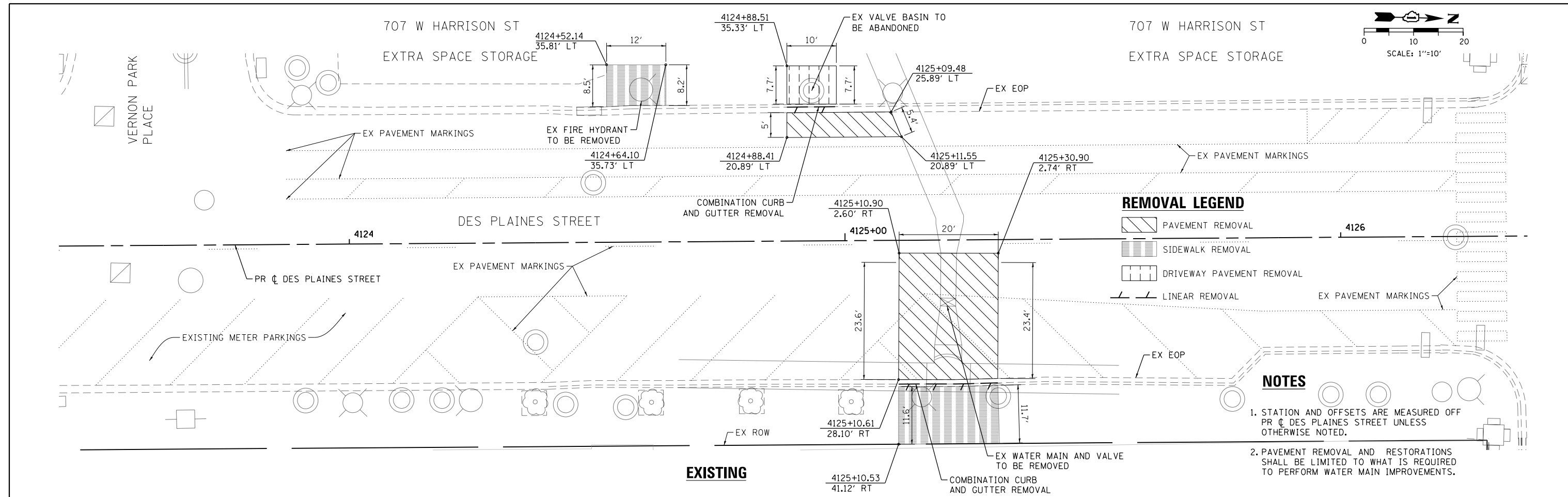
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL AND PROPOSED PLAN: VERNON PARK PLACE**

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

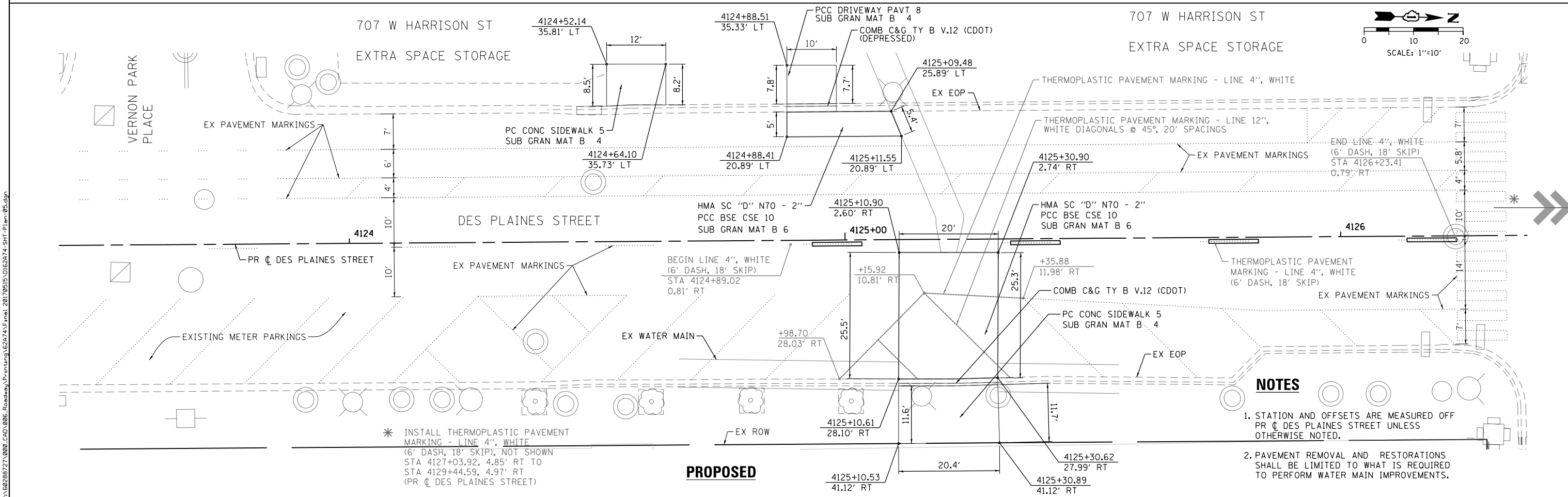
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CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				





- REMOVAL LEGEND**
- PAVEMENT REMOVAL
  - SIDEWALK REMOVAL
  - DRIVEWAY PAVEMENT REMOVAL
  - LINEAR REMOVAL

- NOTES**
1. STATION AND OFFSETS ARE MEASURED OFF PR  $\phi$  DES PLAINES STREET UNLESS OTHERWISE NOTED.
  2. PAVEMENT REMOVAL AND RESTORATIONS SHALL BE LIMITED TO WHAT IS REQUIRED TO PERFORM WATER MAIN IMPROVEMENTS.



- \* INSTALL THERMOPLASTIC PAVEMENT MARKING - LINE 4", WHITE (6' DASH, 18' SKIP), NOT SHOWN STA 4127+03.92, 4.85' RT TO STA 4129+44.59, 4.97' RT (PR  $\phi$  DES PLAINES STREET)

- NOTES**
1. STATION AND OFFSETS ARE MEASURED OFF PR  $\phi$  DES PLAINES STREET UNLESS OTHERWISE NOTED.
  2. PAVEMENT REMOVAL AND RESTORATIONS SHALL BE LIMITED TO WHAT IS REQUIRED TO PERFORM WATER MAIN IMPROVEMENTS.

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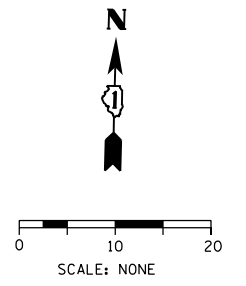
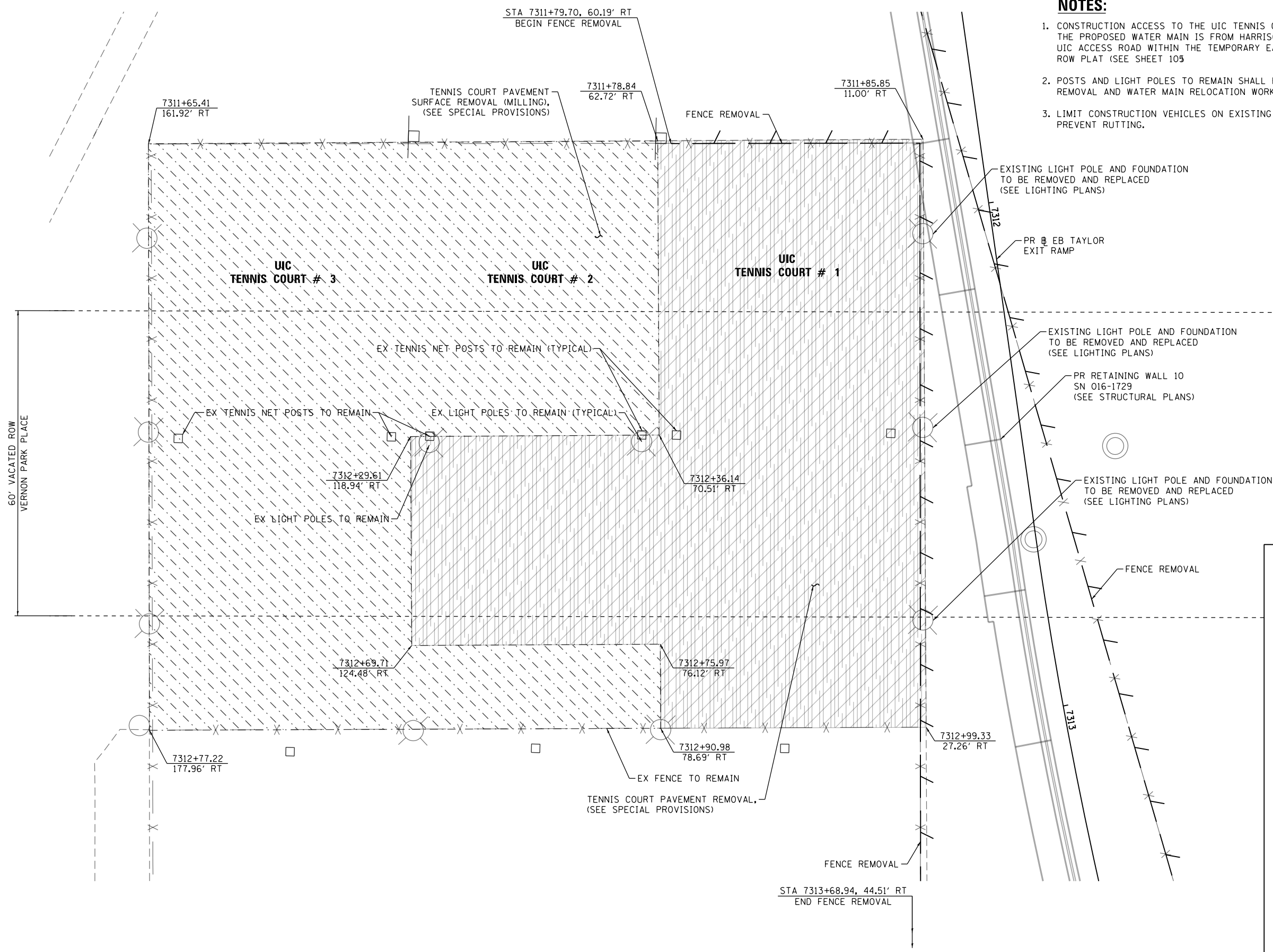
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

REMOVAL AND PROPOSED PLAN: DES PLAINES STREET  
 SCALE: 1"=10' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2015-022-1	COUNTY COOK	TOTAL SHEETS 275	SHEET NO. 41
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

**NOTES:**

1. CONSTRUCTION ACCESS TO THE UIC TENNIS COURTS FOR THE INSTALLATION OF THE PROPOSED WATER MAIN IS FROM HARRISON STREET, POLK STREET AND THE UIC ACCESS ROAD WITHIN THE TEMPORARY EASEMENT LIMITS AS SHOWN ON THE ROW PLAT (SEE SHEET 103)
2. POSTS AND LIGHT POLES TO REMAIN SHALL BE PROTECTED DURING PAVEMENT REMOVAL AND WATER MAIN RELOCATION WORK.
3. LIMIT CONSTRUCTION VEHICLES ON EXISTING TENNIS COURT PAVEMENT TO PREVENT RUTTING.



**REMOVAL LEGEND**

- TENNIS COURT PAVEMENT SURFACE REMOVAL (MILLING), (SEE SPECIAL PROVISIONS)
- TENNIS COURT PAVEMENT REMOVAL, (SEE SPECIAL PROVISIONS)
- LINEAR REMOVAL

**NOTES**

1. STATION AND OFFSETS ARE MEASURED OFF PR EB TAYLOR EXIT RAMP UNLESS OTHERWISE NOTED.
2. SEE SHEET 103 FOR RIGHT-OF-WAY INFORMATION.

FILE PATH = p:\6179-PMINT\ascomon\line\local\AECOM\_D902\_NA\Documents\01\_Americas\T\engor\station\60269938\_Circle\Phase\_1\1000\_CAD\006\_Roadway\Sheets\62474\_Contract\0162474-SHT-Detail-01A.dgn



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PLOT DATE = 5/15/2017	DATE - 05/15/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**UIC TENNIS COURT REMOVAL**

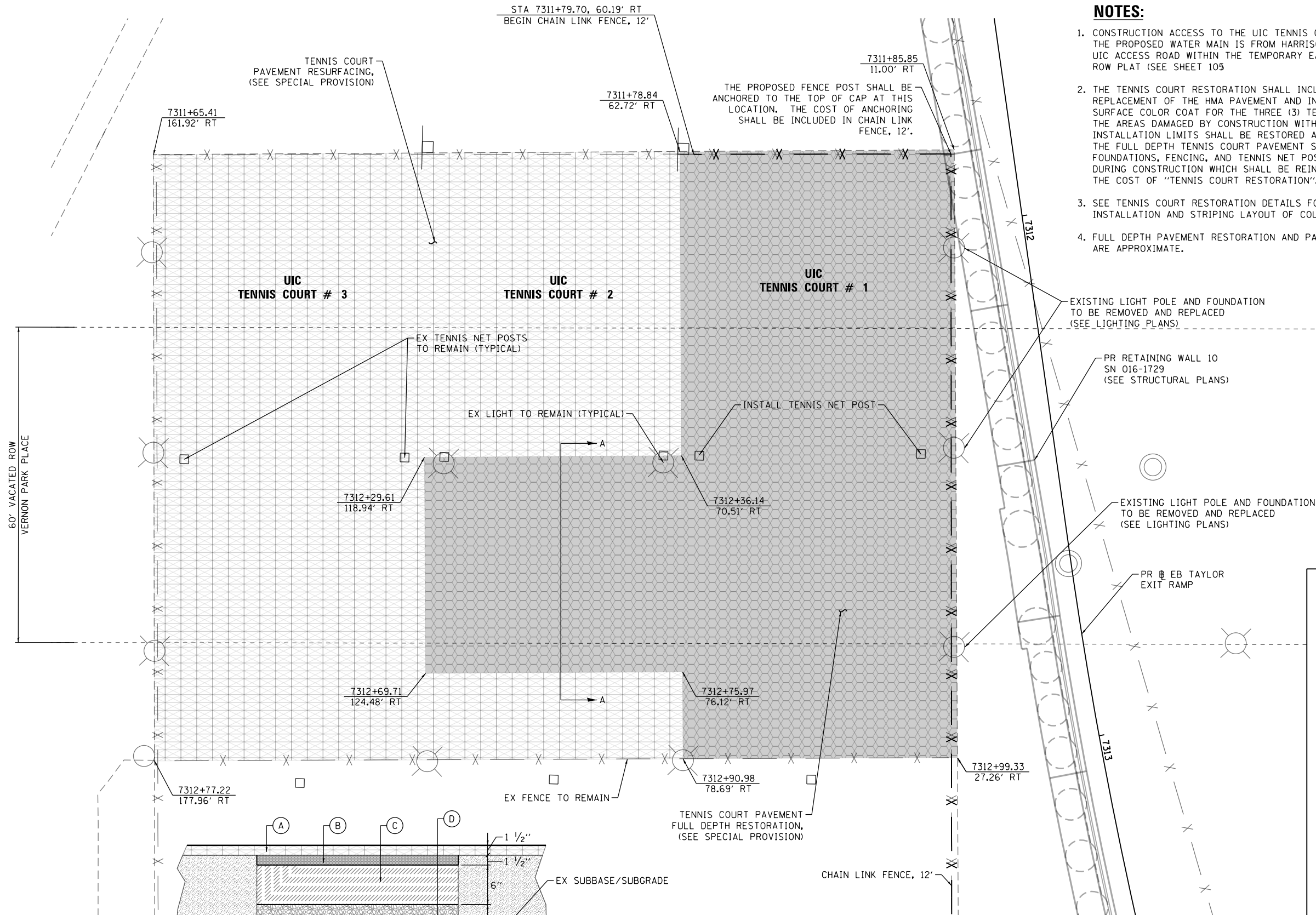
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-I	COOK	275	42
CONTRACT NO. 62474				
ILLINOIS FED. AID PROJECT				

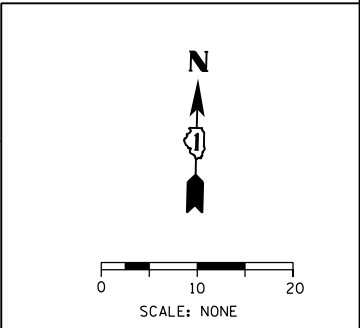
STA 7311+79.70, 60.19' RT  
BEGIN CHAIN LINK FENCE, 12'

**NOTES:**

1. CONSTRUCTION ACCESS TO THE UIC TENNIS COURTS FOR THE INSTALLATION OF THE PROPOSED WATER MAIN IS FROM HARRISON STREET, POLK STREET AND THE UIC ACCESS ROAD WITHIN THE TEMPORARY EASEMENT LIMITS AS SHOWN ON THE ROW PLAT (SEE SHEET 103)
2. THE TENNIS COURT RESTORATION SHALL INCLUDE THE REMOVAL AND REPLACEMENT OF THE HMA PAVEMENT AND INSTALLATION OF THE SURFACE COLOR COAT FOR THE THREE (3) TENNIS COURTS. THE AREAS DAMAGED BY CONSTRUCTION WITHIN THE WATER MAIN INSTALLATION LIMITS SHALL BE RESTORED AND MAY INCLUDE THE FULL DEPTH TENNIS COURT PAVEMENT STRUCTURE, LIGHT POLES & FOUNDATIONS, FENCING, AND TENNIS NET POSTS & NETS DISTURBED DURING CONSTRUCTION WHICH SHALL BE REINSTALLED AND INCLUDED IN THE COST OF "TENNIS COURT RESTORATION".
3. SEE TENNIS COURT RESTORATION DETAILS FOR TENNIS NET AND POSTS INSTALLATION AND STRIPING LAYOUT OF COURTS.
4. FULL DEPTH PAVEMENT RESTORATION AND PAVEMENT RESURFACING LIMITS ARE APPROXIMATE.



60' VACATED ROW  
VERNON PARK PLACE

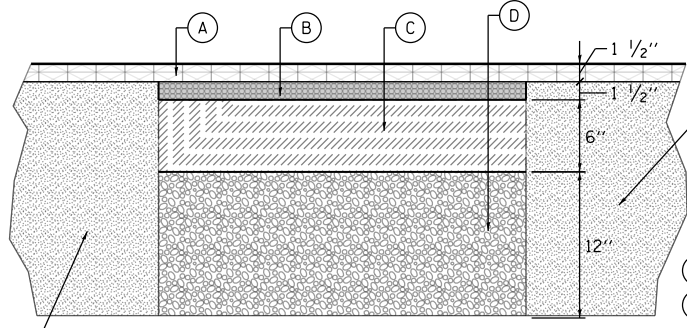


**PROPOSED LEGEND**

- TENNIS COURT PAVEMENT RESURFACING, (SEE SPECIAL PROVISION)
- TENNIS COURT PAVEMENT FULL DEPTH RESTORATION, (SEE SPECIAL PROVISION)

**NOTES**

1. STATION AND OFFSETS ARE MEASURED OFF PR EB TAYLOR EXIT RAMP UNLESS OTHERWISE NOTED.
2. SEE SHEET 103 FOR RIGHT-OF-WAY INFORMATION.



**SECTION A-A**  
SCALE: NONE

- (A) - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 1/2"
- (B) - LEVELING BINDER (MM), N50 - 1 1/2"
- (C) - AGGREGATE BASE COURSE, TYPE B 6"
- (D) - SUBBASE GRANULAR MATERIAL, TYPE B 12"

STA 7313+68.94, 44.51' RT  
END CHAIN LINK FENCE, 12'

FILE PATH = p:\617479-PMINT\ascomon\line\local\AECOM\_D902\_NA\Documents\01\_Americas\T\_engor\station\60269938\_Circle\Phase\_11\000\_CAD\006\_Roadway\Sheets\62A74\_Contract\0162A74-SHT-Detail-01B.dgn



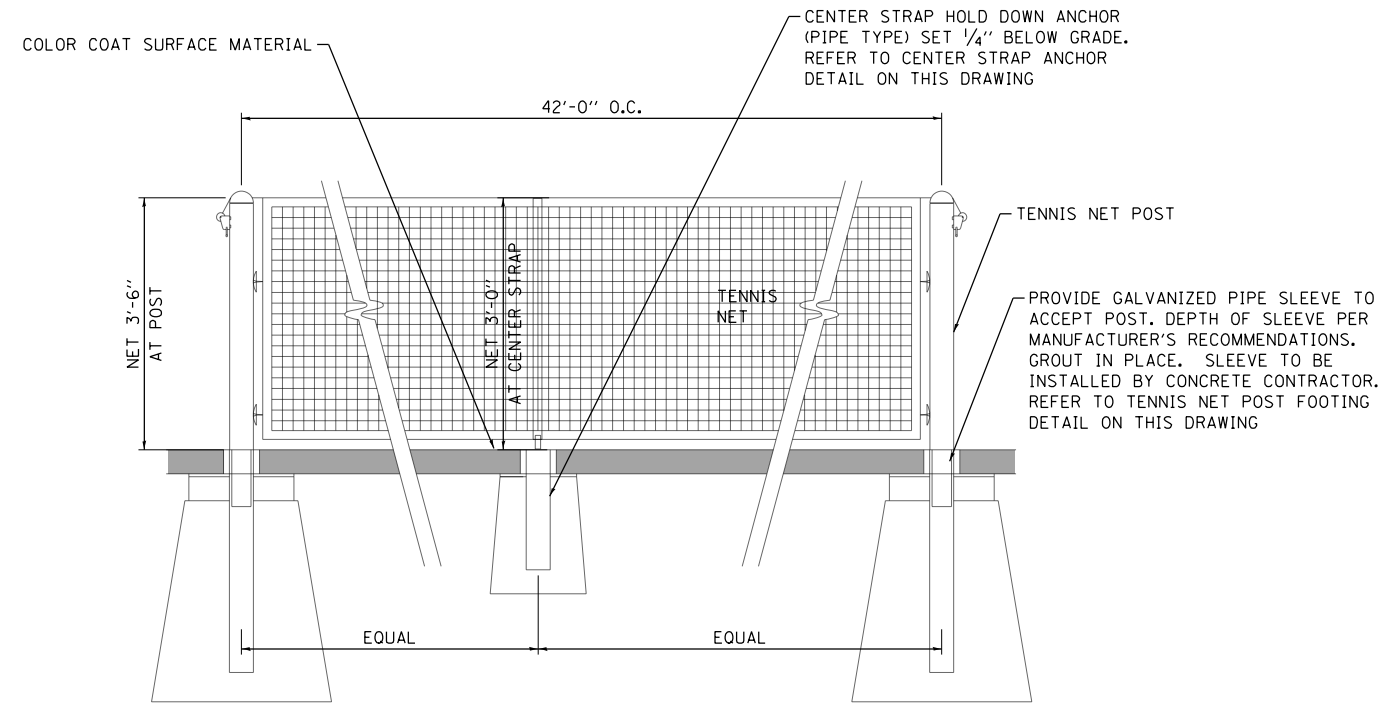
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PLOT DATE = 5/15/2017	DATE - 05/15/2017	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

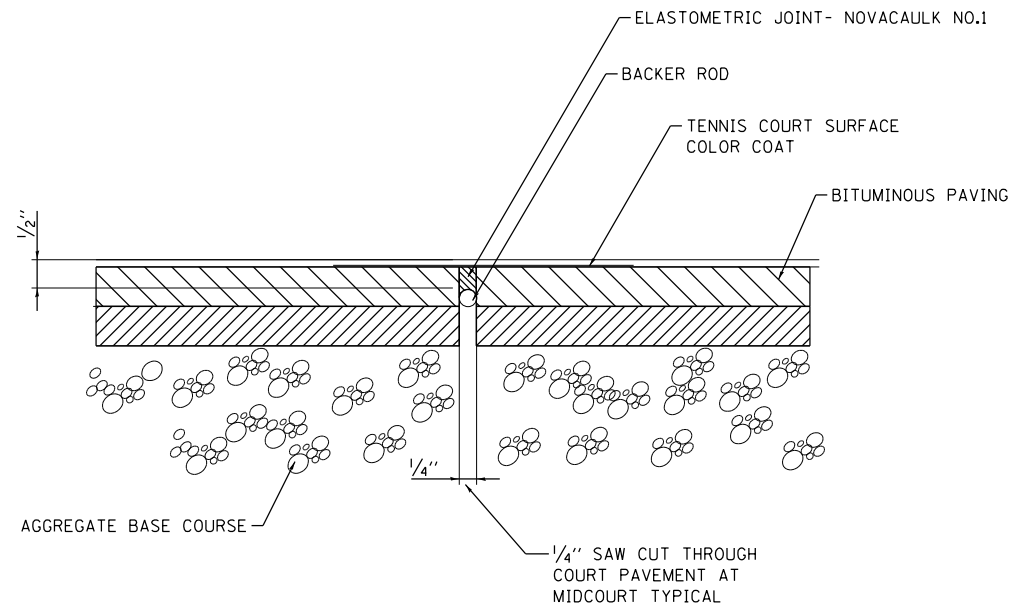
**UIC TENNIS COURT RESTORATION AND RESURFACING**

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

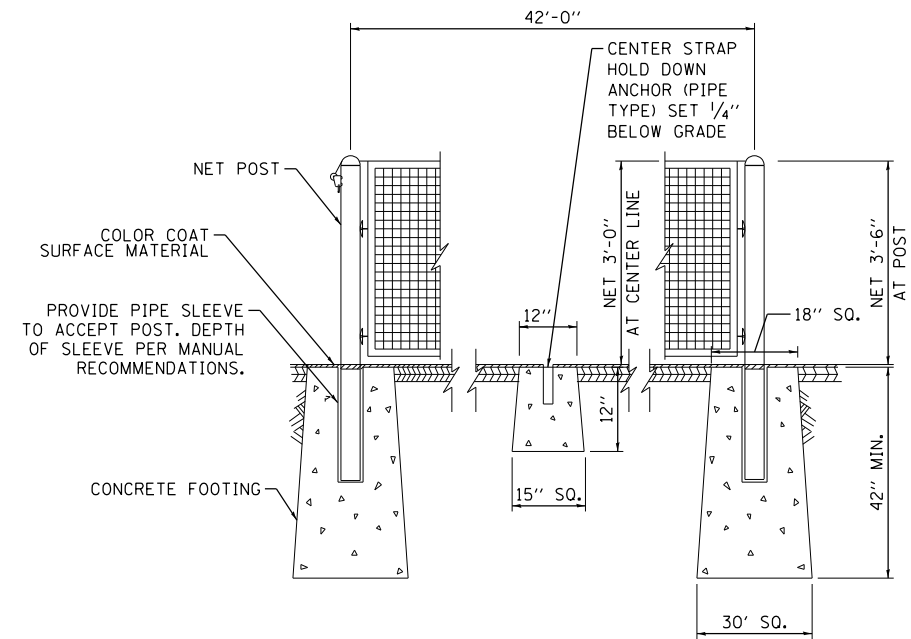
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-I	COOK	275	43
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				



**TENNIS NET AND POSTS**  
SCALE: NONE



**TENNIS COURT CONTROL JOINT DETAIL**  
SCALE: NONE



**TENNIS NET/POST DETAIL**  
SCALE: NONE

FILE PATH = P:\62088727\000\_CAD\006\_Roadway\Printing\62074\Final\_20170515\0162A74-SHT-Details-01C.dgn



D162A74-SHT-Details-01C.dgn  
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PLOT SCALE = 20.0000' / in.  
PLOT DATE = 5/12/2017

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DATE - 05/15/2017

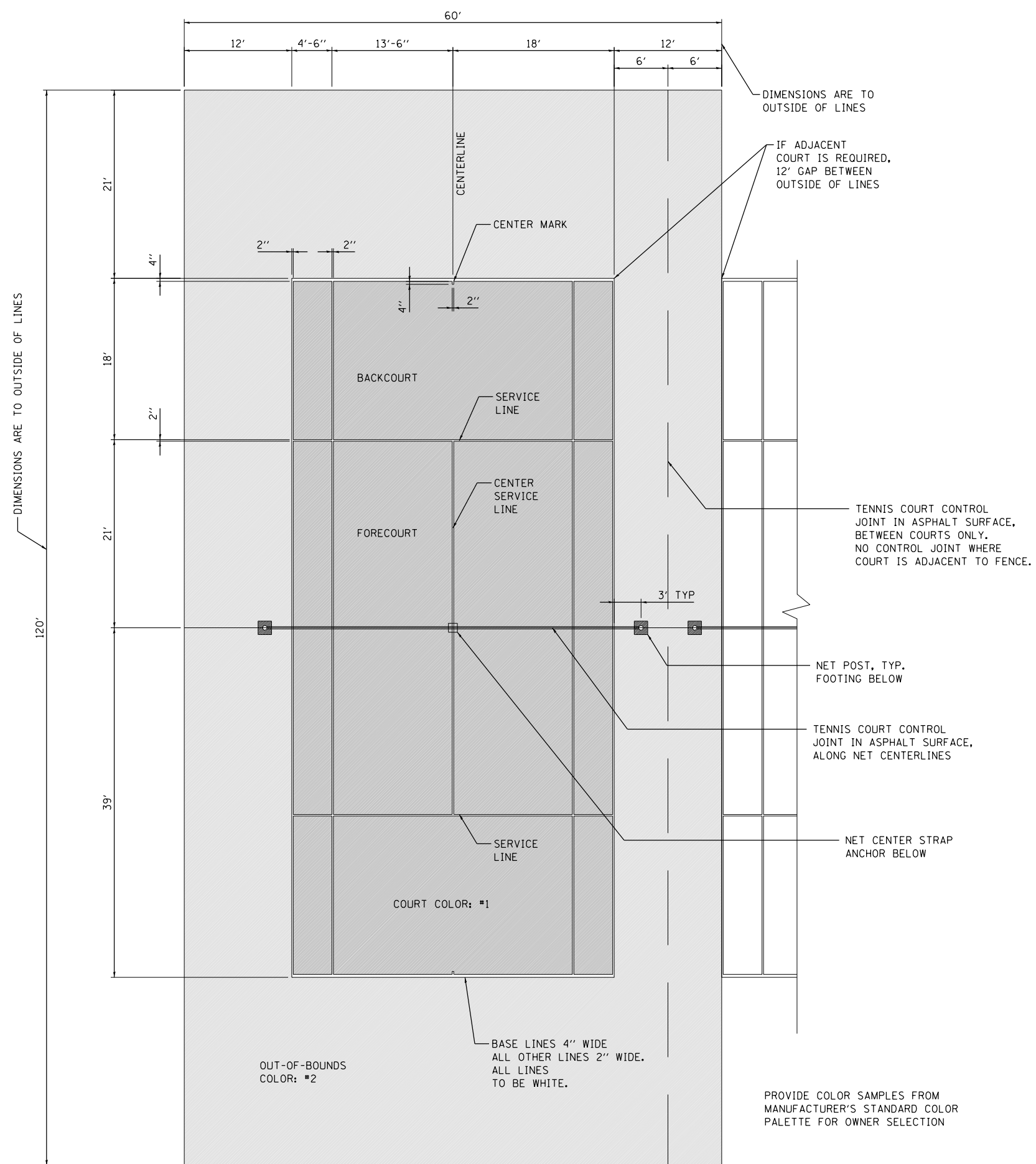
REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS: TENNIS COURT NET AND POSTS

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

F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-1	COOK	275	44
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				



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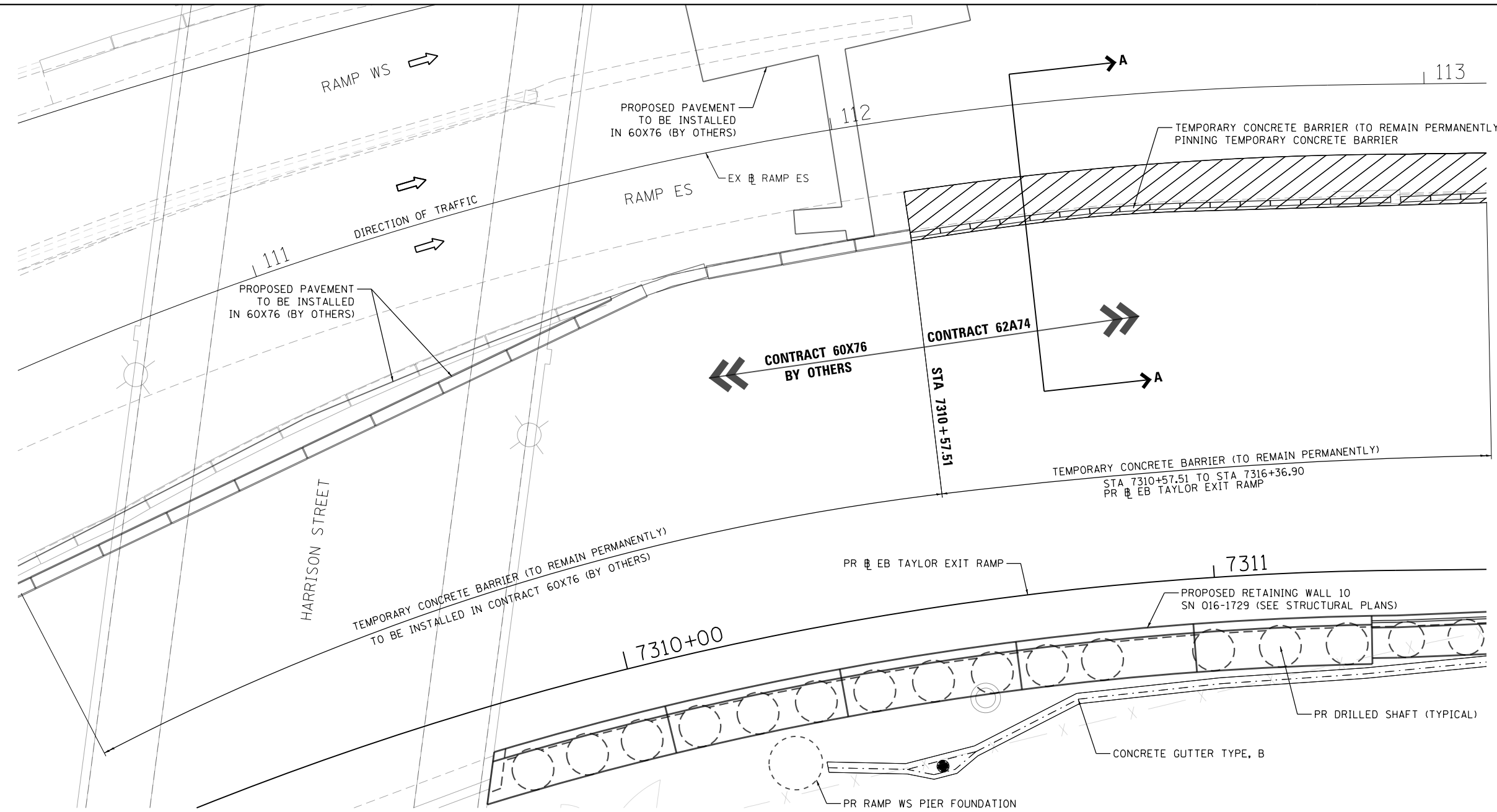
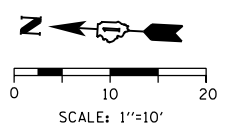
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PLOT DATE = 5/12/2017	DATE - 05/15/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS: TENNIS COURT STRIPING/LAYOUT PLAN**

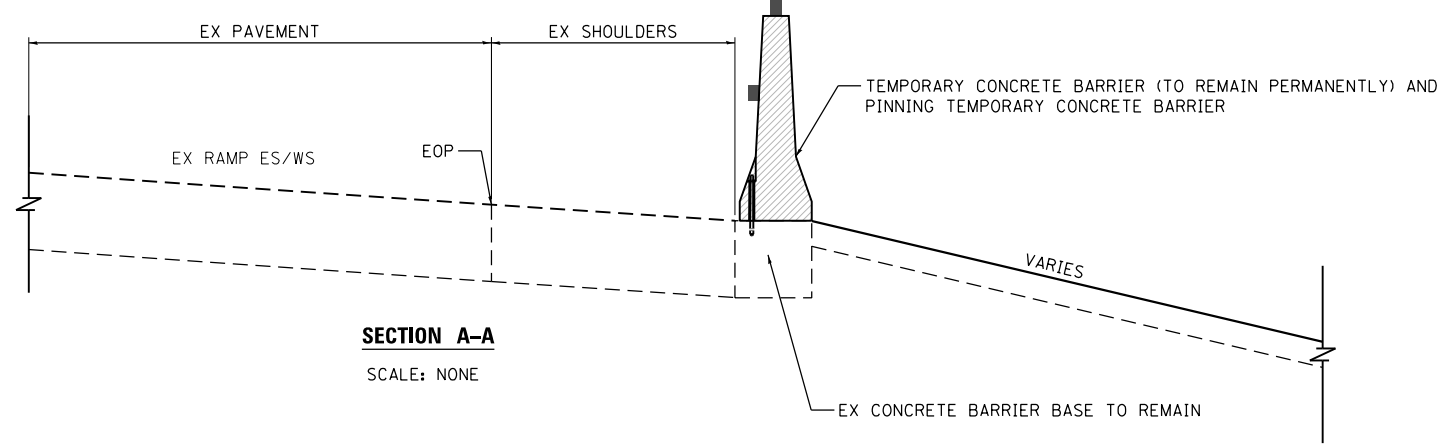
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-1	COOK	275	45
CONTRACT NO. 62A74			ILLINOIS FED. AID PROJECT	



**TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY) AT HARRISON ST BRIDGE  
ADJACENT TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)  
FROM CONTRACT 60X76 (BY OTHERS)**

**NOTE:**  
1. STATION AND OFFSETS ARE MEASURED OFF PR EB TAYLOR EXIT RAMP UNLESS NOTED OTHERWISE.



**SECTION A-A**  
SCALE: NONE

FILE PATH = P:\6288727\000\_CAD\006\_Roadway\Printing\62A74\Final\_20170515\_0162A74-sht-Details-03A.dgn



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PLOT DATE = 5/12/2017	DATE - 05/15/2017	REVISED -

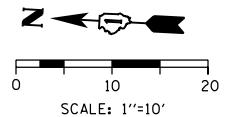
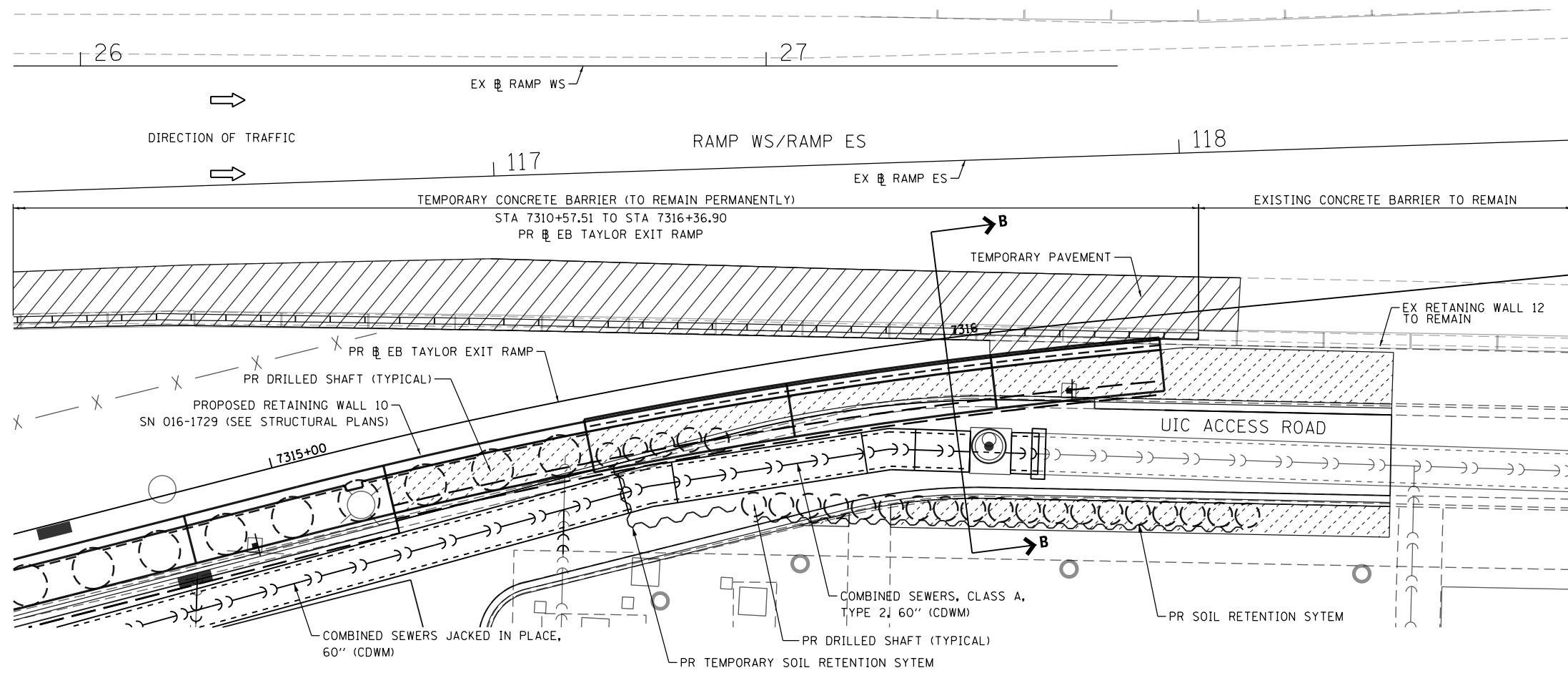
DESIGNED - OPS	REVISED -
DRAWN - OPS	REVISED -
CHECKED - MJE	REVISED -
DATE - 05/15/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS - TEMPORARY CONCRETE BARRIER  
(TO REMAIN PERMANENTLY) AT HARRISON ST BRIDGE**

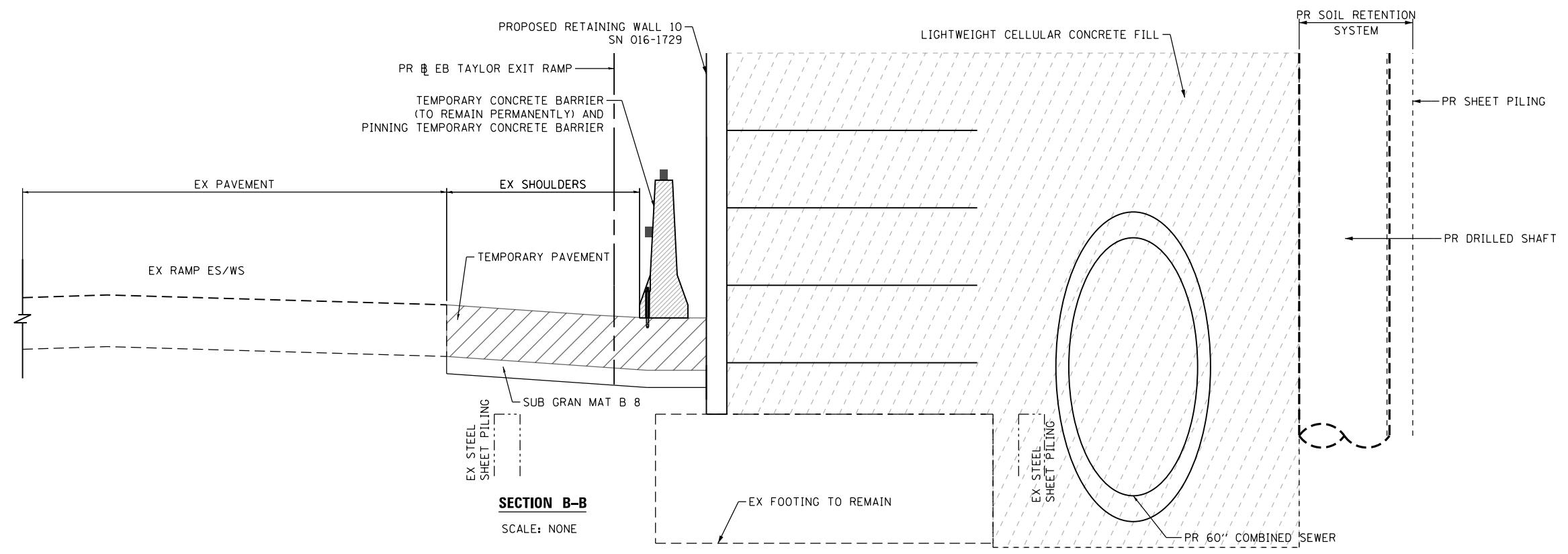
SCALE: NONE    SHEET 1 OF 1 SHEETS    STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-1	COOK	275	46
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				



**NOTE:**  
1. STATION AND OFFSETS ARE MEASURED OFF PR EB TAYLOR EXIT RAMP UNLESS NOTED OTHERWISE.

**TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)  
AT RETAINING WALL 10 (SN 016-1729)**



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PLOT DATE = 5/15/2017	DATE - 05/15/2017	REVISED -

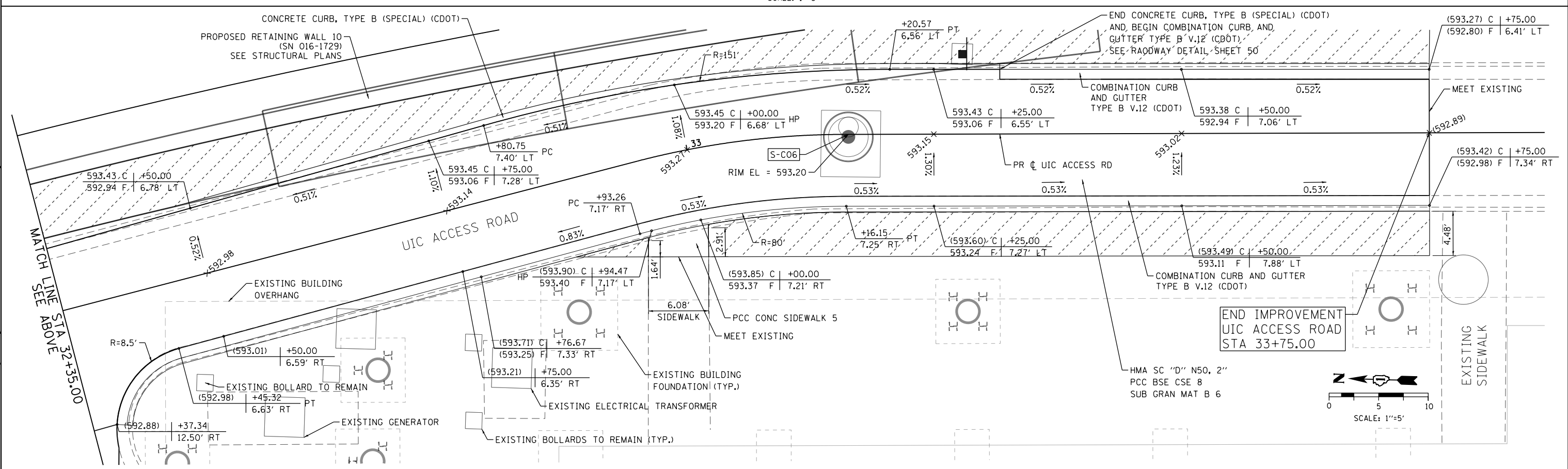
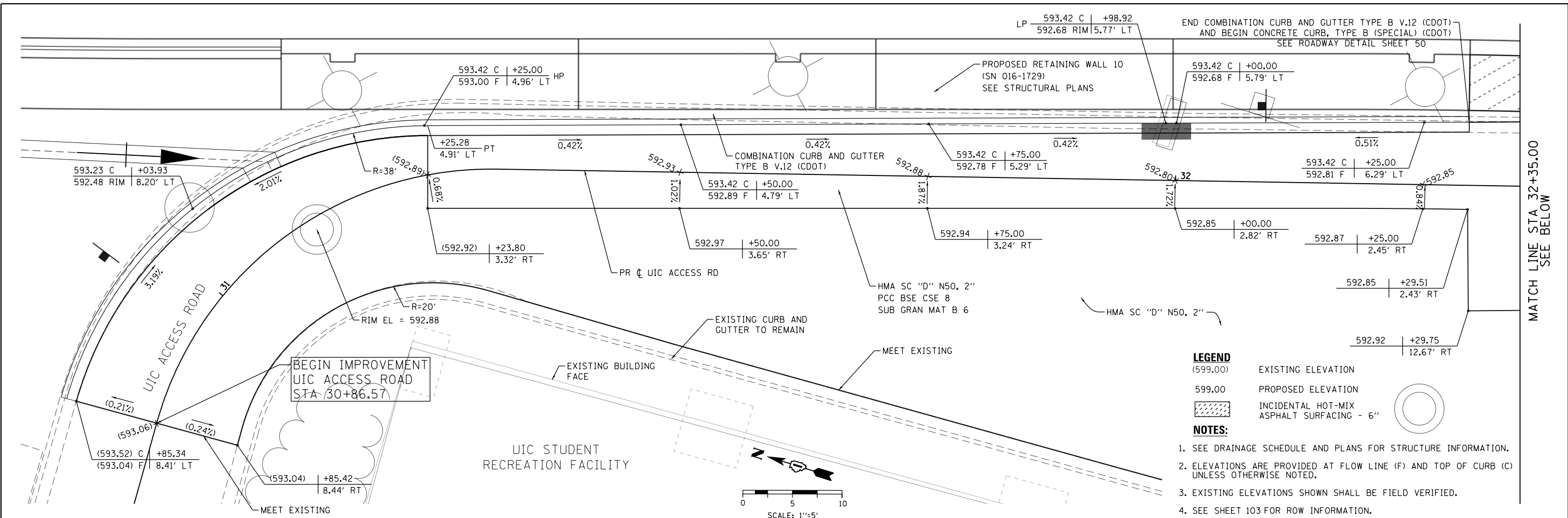
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DRAWN - OPS	REVISED -
CHECKED - MJE	REVISED -
DATE - 05/15/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS - TEMPORARY CONCRETE BARRIER  
(TO REMAIN PERMANENTLY) AT RETAINING WALL 10**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-I	COOK	275	47
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				



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D162474-sht-Details-04.dgn  
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 PLOT DATE = 5/12/2017

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DATE - 05/15/2017	REVISED -

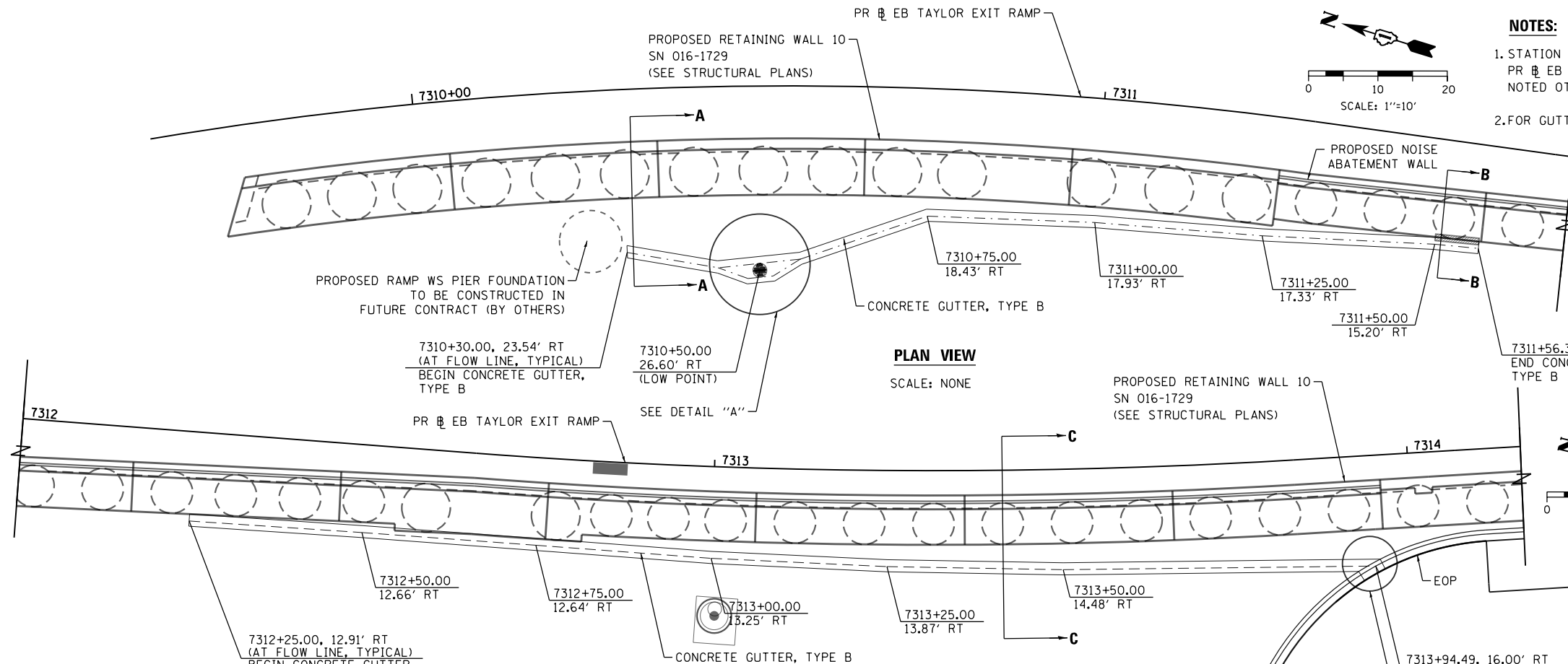
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY GRADING DETAILS: UIC ACCESS ROAD**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-1	COOK	275	48
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

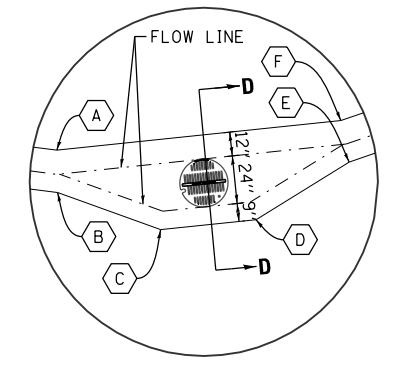




**PLAN VIEW**  
SCALE: NONE

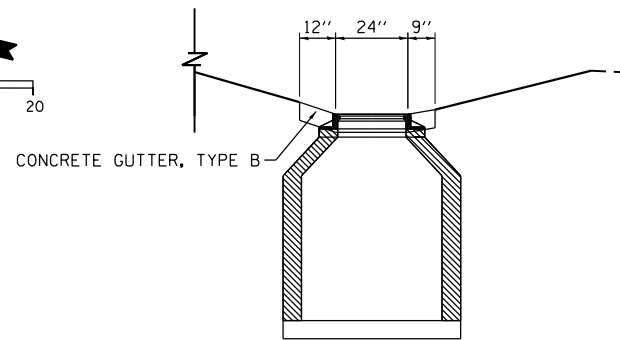
**PLAN VIEW**  
SCALE: NONE

**NOTES:**  
1. STATION AND OFFSETS ARE MEASURED OFF PR EB TAYLOR EXIT RAMP UNLESS NOTED OTHERWISE.  
2. FOR GUTTER PROFILE SEE SHEET 89.

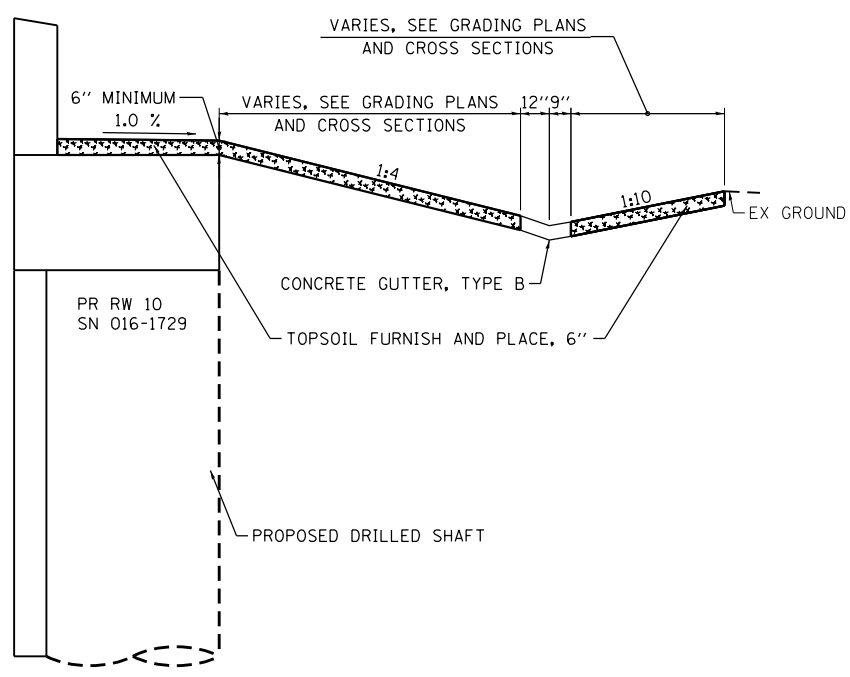


**DETAIL "A"**  
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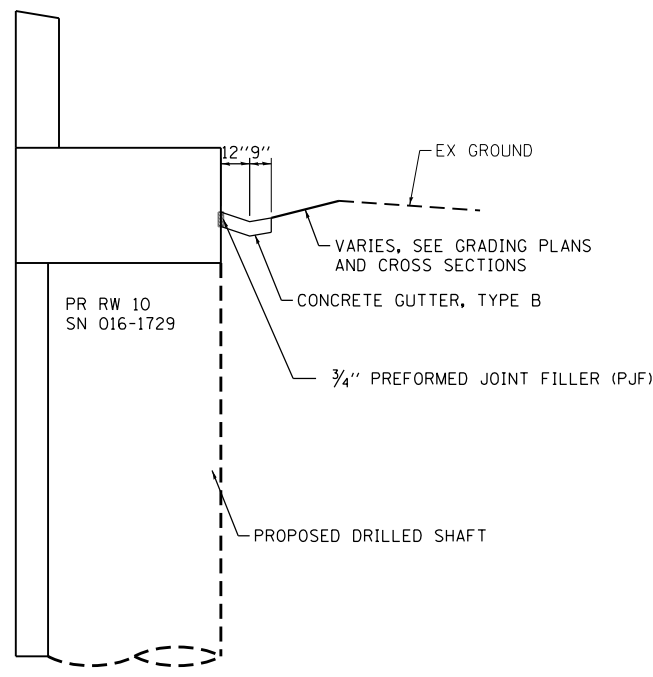
- A 7310+43.56, 25.16' RT
- B 7310+43.55, 26.92' RT
- C 7310+48.04, 28.54' RT
- D 7310+52.23, 28.15' RT
- E 7310+56.31, 25.75' RT
- F 7310+55.95, 24.02' RT



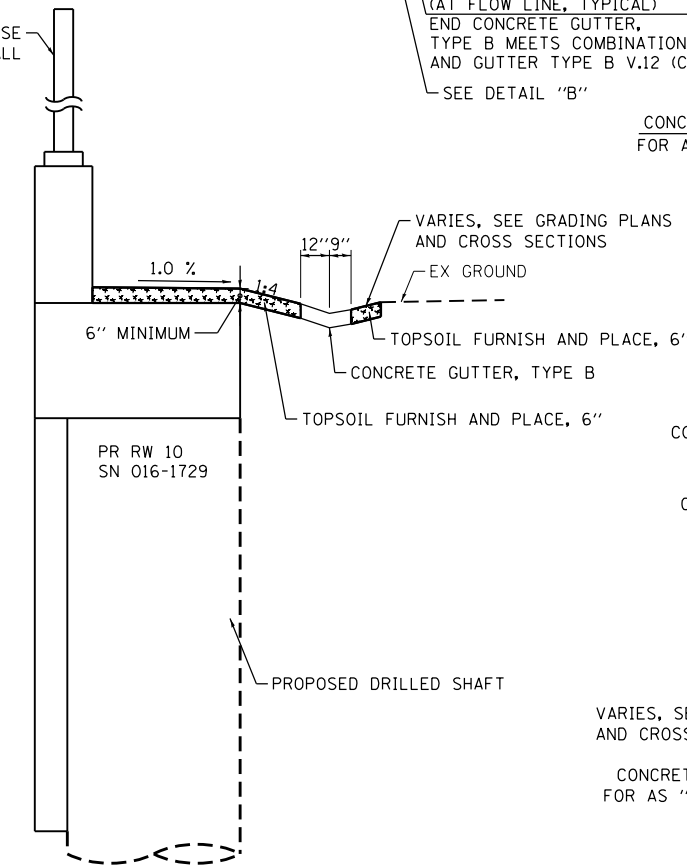
**SECTION D-D**  
SCALE: NONE



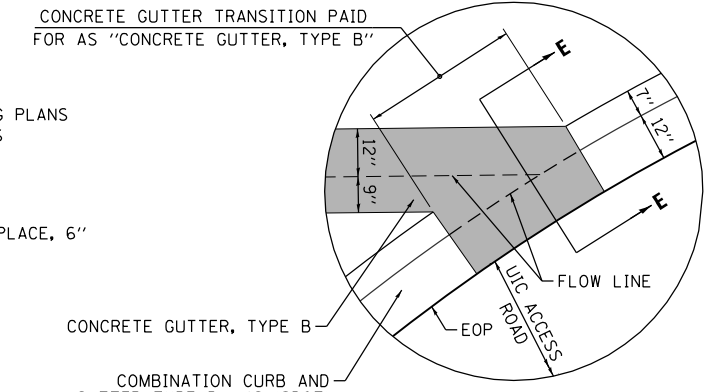
**SECTION A-A**  
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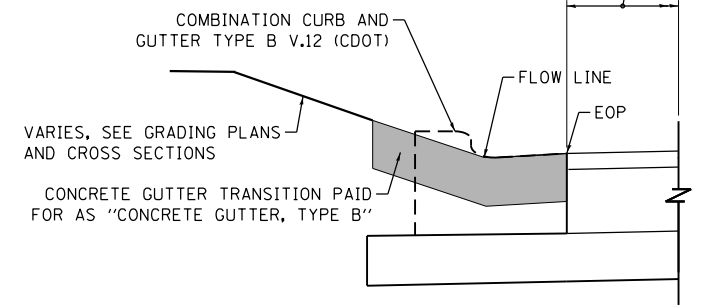
**SECTION B-B**  
SCALE: NONE



**SECTION C-C**  
SCALE: NONE



**SECTION E-E**  
SCALE: NONE



**DETAIL "B"**  
SCALE: NONE

FILE PATH = P:\62088727\000\_CAD\006\_Roadway\Printung\62074\Final\_20170515\0162474-sht-Details-05.dgn



0162474-sht-Details-05.dgn  
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DATE - 05/15/2017

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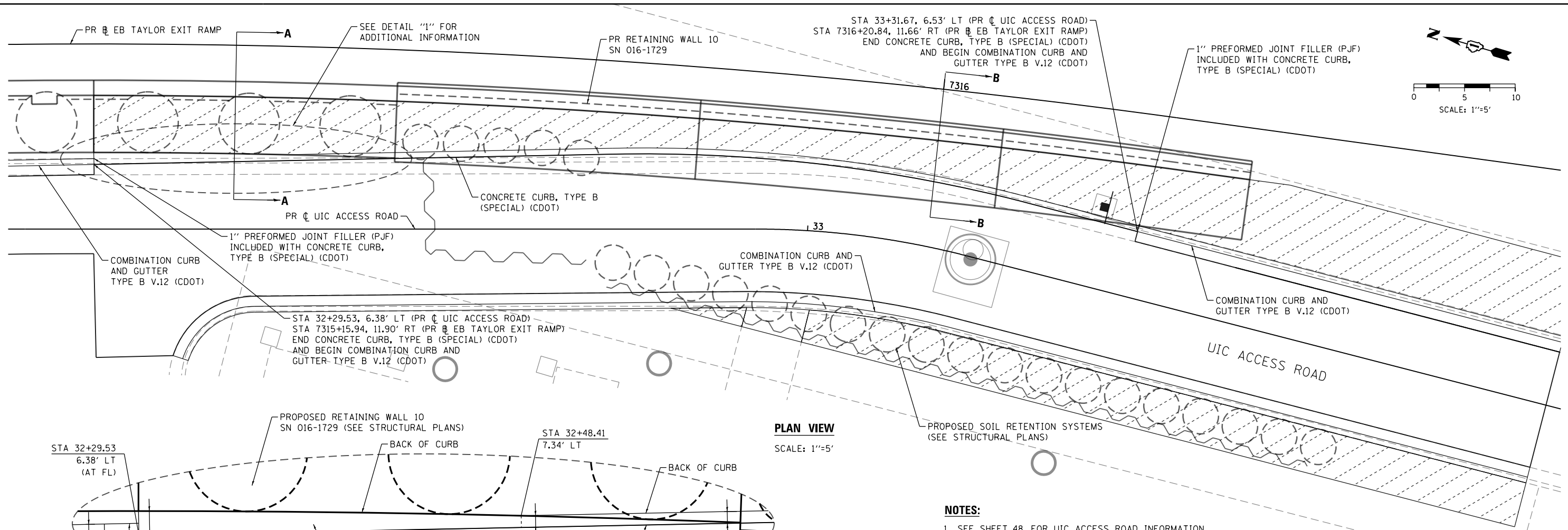
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY GRADING DETAILS: CONCRETE GUTTER TRANSITION**

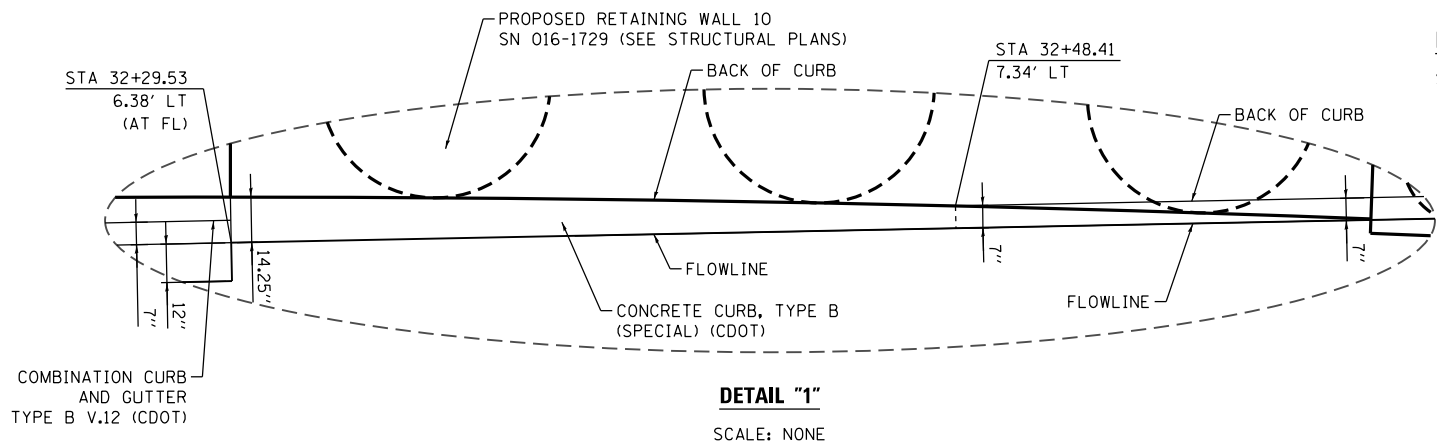
SCALE: 1"=10' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-1	COOK	275	49
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

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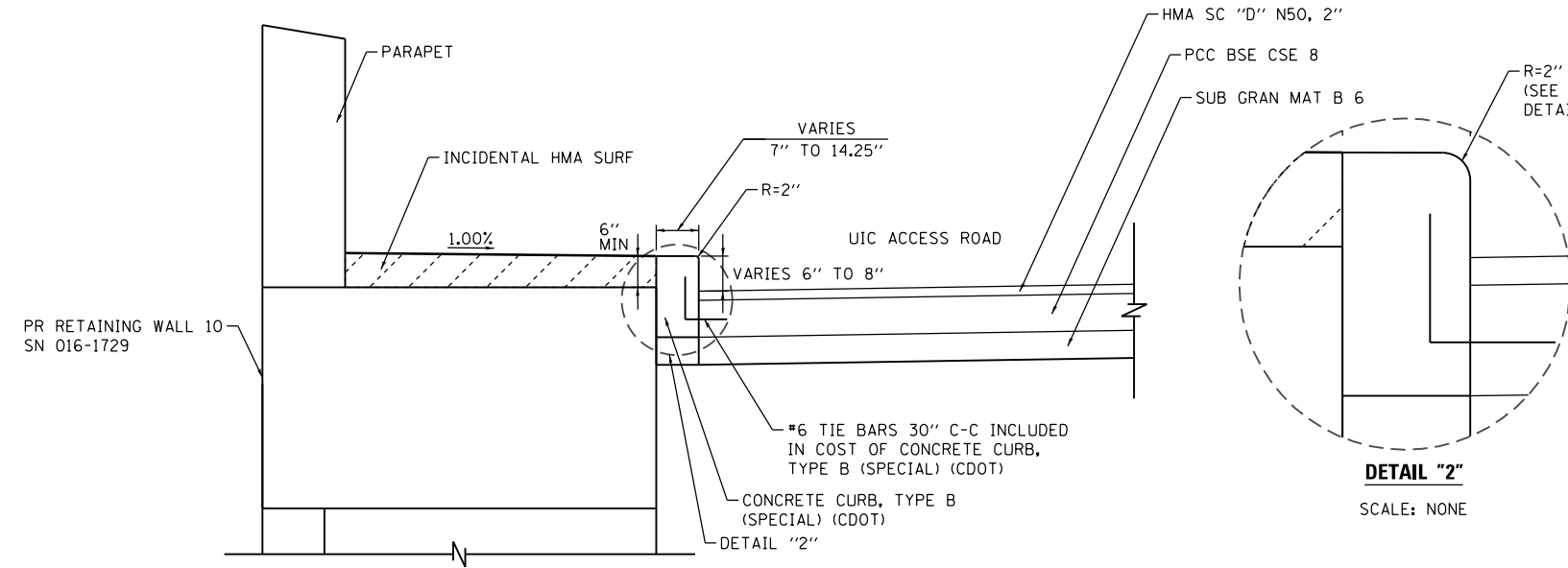
**PLAN VIEW**  
SCALE: 1"=5'



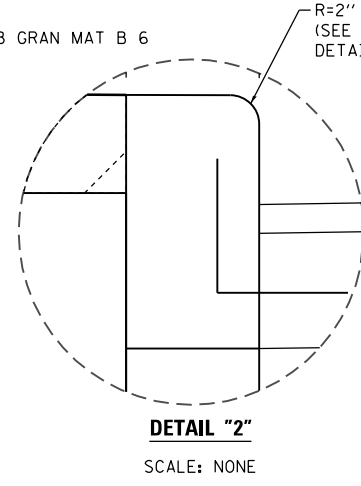
**DETAIL "1"**  
SCALE: NONE

- NOTES:**
1. SEE SHEET 48 FOR UIC ACCESS ROAD INFORMATION.
  2. SEE STRUCTURAL PLANS FOR RETAINING WALL 10 SN 016-1729 INFORMATION.
  3. STATION AND OFFSETS ARE MEASURED OFF PR EB TAYLOR EXIT RAMP OR PR UIC ACCESS ROAD UNLESS OTHERWISE NOTED.

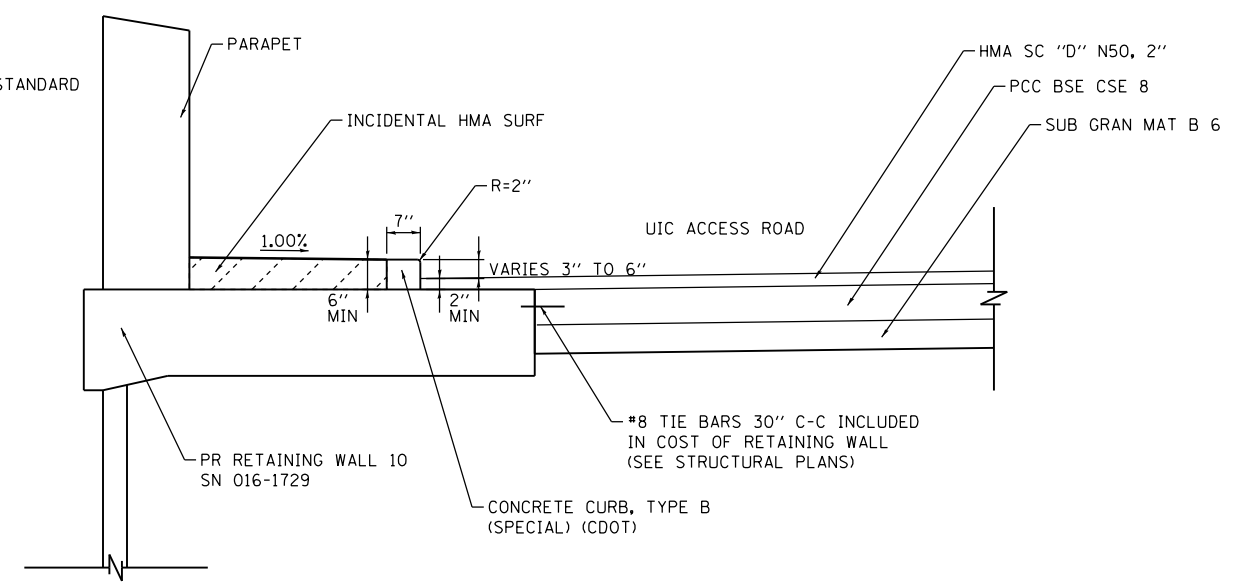
**PROPOSED LEGEND**  
 INCIDENTAL HOT-MIX ASPHALT SURFACING - 6"



**SECTION A-A**  
SCALE: NONE



**DETAIL "2"**  
SCALE: NONE



**SECTION B-B**  
SCALE: NONE

**CONCRETE CURB, TYPE B (SPECIAL) (CDOT)**  
 TRANSITION FROM CONCRETE CURB TO CONCRETE CURB AND GUTTER AT RETAINING WALL 10 (SN 016-1729)



D162A74-sht-Details-06.dgn  
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 PLOT SCALE = 10.0000 "/in.  
 PLOT DATE = 5/12/2017

DESIGNED - OPS  
 DRAWN - OPS  
 CHECKED - MJE  
 DATE - 05/15/2017

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**ROADWAY GRADING DETAILS: CONCRETE CURB AND GUTTER TRANSITION**

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

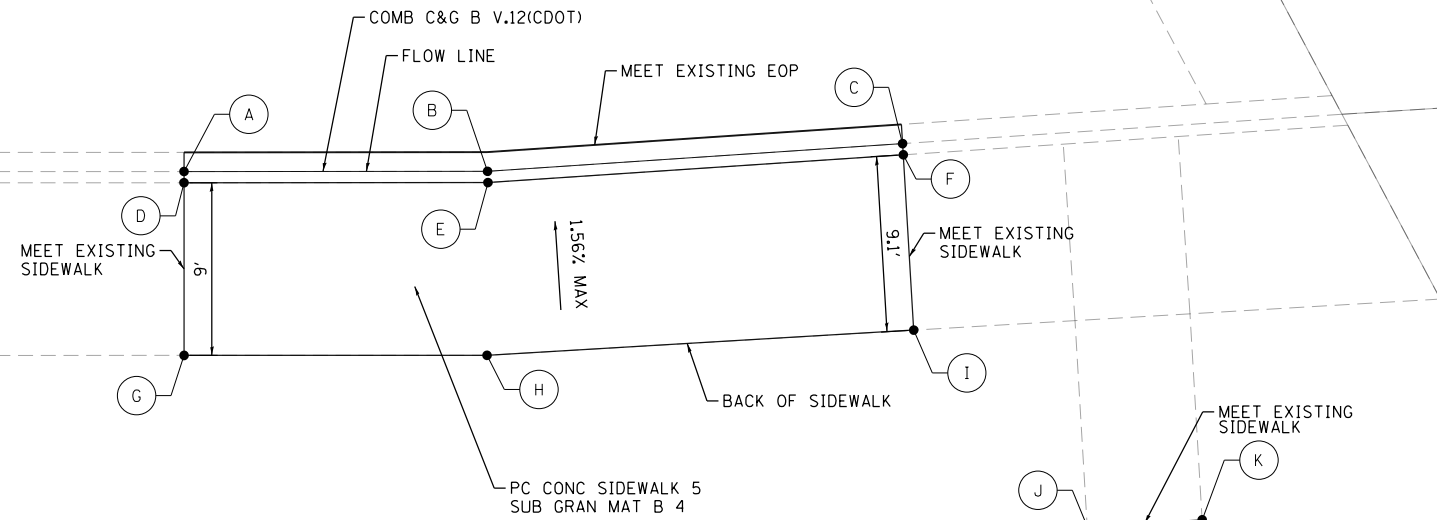
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-I	COOK	275	50
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

HARRISON STREET

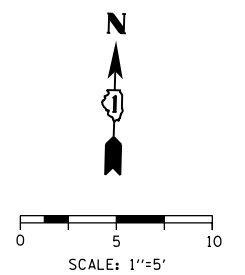
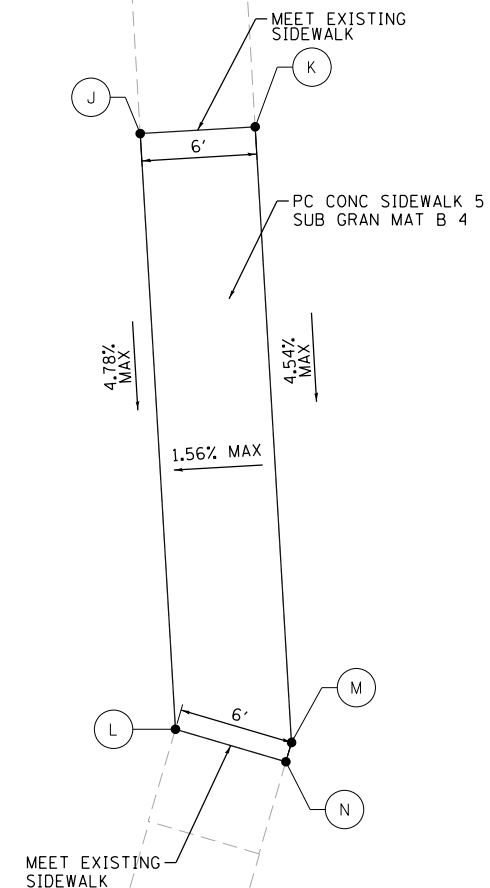
7807

7808

EX  $\perp$  HARRISON STREET



	STATION	OFFSET	ELEVATION	NOTES
A	7807+25.77	26.00' RT	593.87	FLOW LINE (F)
B	7807+41.59	26.00' RT	594.18	FLOW LINE (F)
C	7807+63.21	24.56' RT	594.87	FLOW LINE (F)
D	7807+25.77	26.58' RT	594.37	BACK OF CURB
E	7807+41.61	26.58' RT	594.76	BACK OF CURB
F	7807+63.25	25.15' RT	595.50	BACK OF CURB
G	7807+25.77	35.58' RT	594.51	
H	7807+41.56	35.58' RT	594.90	
I	7807+63.78	34.28' RT	595.64	
J	7807+72.82	44.52' RT	595.41	
K	7807+78.81	44.17' RT	595.52	
L	7807+74.64	75.55' RT	593.92	
M	7807+80.69	76.25' RT	594.06	
N	7807+80.40	77.25' RT	594.01	



HALSTED STREET

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D162A74-sht-Details-07.dgn  
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DESIGNED - OPS	REVISED -
DRAWN - OPS	REVISED -
CHECKED - MJE	REVISED -
DATE - 05/15/2017	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS: SIDEWALK GRADING AT HARRISON STREET

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-I	COOK	275	51
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

**TRAFFIC CONTROL GENERAL NOTES**

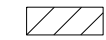
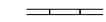

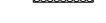

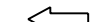
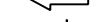
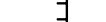




- TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND SECTION 701 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- TYPE III BARRICADES AND ROAD CLOSURE SIGNS SHALL BE POSITIONED AS SHOWN, ACCORDING TO HIGHWAY STANDARD 701901 AND AS DIRECTED BY THE ENGINEER.
- TYPE A LOW INTENSITY FLASHING WARNING LIGHTS SHALL BE USED ON EACH SIGN IN ADVANCE OF THE WORK DURING HOURS OF DARKNESS.
- ALL WARNING SIGNS SHALL BE A MINIMUM OF 48" x 48" AND HAVE A BLACK LEGEND AND BORDER ON A FLUORESCENT ORANGE REFLECTORIZED BACKGROUND.
- ALL TYPE III BARRICADES UTILIZED FOR ROAD CLOSURES SHALL HAVE TWO LOW INTENSITY FLASHING LIGHTS MOUNTED ON TOP OF EACH BARRICADE.
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE. THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR II BARRICADE USED.
- WHERE ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
- EXACT LOCATION OF ALL WARNING SIGNS AND BARRICADES SHALL BE STAKED IN THE FIELD FOR APPROVAL BY THE ENGINEER PRIOR TO INSTALLATION.
- PRIOR TO START OF CONSTRUCTION, ALL REQUIRED TRAFFIC CONTROL DEVICES SHALL BE IN PLACE.
- COOPERATION BETWEEN CONTRACTORS SHALL BE IN ACCORDANCE WITH THE SPECIAL PROVISIONS.
- UNLESS OTHERWISE NOTED IN THE SPECIAL PROVISIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER 28 DAYS PRIOR TO ANY ANTICIPATED CLOSURES.
- A MINIMUM 11' LANE WIDTH SHALL BE MAINTAINED ON ALL INTERSTATE LANES OPEN TO TRAFFIC DURING CONSTRUCTION UNLESS NOTED OTHERWISE.
- OFFSETS BETWEEN THE EDGE OF TRAVEL LANE AND THE FACE OF TEMPORARY CONCRETE BARRIER ARE ASSUMED TO BE 1 FT UNLESS DESIGNATED OTHERWISE.
- THE CONTRACTOR SHALL COORDINATE WORK WITH PRIVATE UTILITY COMPANIES AND THEIR CONTRACTORS FOR ADJUSTMENTS, SUPPORTS, AND RELOCATION. UTILITY WORK WILL GENERALLY BE CONDUCTED PRIOR TO ROADWAY WORK, BUT CERTAIN ITEMS MAY NEED TO PROCEED IN CONCERT WITH CONSTRUCTION OPERATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT AFFECTED UTILITIES AND COORDINATE WORK WITHIN THE CONSTRUCTION SCHEDULE. THE EFFORT OF WHICH WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT. A LIST OF UTILITY CONTACTS IS LOCATED WITHIN THE SPECIAL PROVISIONS. SEE STATUS OF UTILITIES (D-1) SPECIAL PROVISION.
- THE CONTRACTOR SHALL CONTACT THE IDOT DISTRICT 1 ARTERIAL TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 AND THE EXPRESSWAYS TRAFFIC CONTROL SUPERVISOR AT (847) 705-4155 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- SIGN W21-1a SHALL BE TAKEN DOWN WHEN THE WORKERS ARE NOT PRESENT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS RESTRICTIONS TO THE SITE AS MAY BE REQUIRED BY THE ENGINEER. IN AREAS WHERE SILT FENCE IS NOT INSTALLED, ORANGE CONSTRUCTION FENCING MAY BE REQUIRED TO RESTRICT ACCESS TO WORK ZONES. THE ENGINEER SHALL BE THE SOLE JUDGE OF THE NEED FOR ACCESS RESTRICTIONS AND THEIR CONFIGURATION. ORANGE CONSTRUCTION FENCING (IF NECESSARY) WILL NOT BE MEASURED SEPARATELY FOR PAYMENT, BUT SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
- A 37" DEFLECTION AREA IS REQUIRED FROM THE BACK SIDE OF THE TEMPORARY BARRIER WALL TO ANY OBSTRUCTION OR DROP OFF IN THE WORK ZONE. IF THIS 37" DEFLECTION AREA CANNOT BE MAINTAINED, THE TEMPORARY CONCRETE BARRIER WALL SHALL BE ANCHORED TO THE PAVEMENT (EXCLUDING NEW BRIDGE DECKS) IN ACCORDANCE WITH THE IDOT SAFETY ENGINEERING POLICY MEMORANDUM 4-15. THIS WORK SHALL BE PAID FOR AS PINNING TEMPORARY CONCRETE BARRIER. THE COST OF ANCHORING TO EXISTING AND PROPOSED BRIDGE DECKS IS INCLUDED IN THE COST OF TEMPORARY CONCRETE BARRIER. SEE STRUCTURAL PLANS FOR DETAILS OF TEMPORARY CONCRETE BARRIER.
- PER IDOT SAFETY ENGINEERING POLICY MEMORANDUM 4-15, DROP-OFF DEPTH > 4 IN AND < 12 IN IS PERMITTED FOR LESS THAN 0.5 MILE LENGTH OF DROP OFF EXPOSURE IN WORK ZONE OR LESS THAN 48 HOUR CLOSURE TIME. LENGTH AND DURATION OF DROP-OFF IN EXCESS OF THESE LIMITS SHALL REQUIRE TEMPORARY LONGITUDINAL CONCRETE BARRIER. ADJACENT WORK SPACES THAT ARE ESSENTIALLY CONTINUOUS IN DROP-OFF EXPOSURE SHOULD BE CONSIDERED AS ONE WORK ZONE.

- ALL UPSTREAM LEADING ENDS OF TEMPORARY CONCRETE BARRIER WALL SHALL BE FLARED AT A 12:1 TAPER RATE UNLESS OTHER NOTED.
- THE CONTRACTOR SHALL BE REQUIRED TO REMOVE AND REPLACE ALL REFLECTORS FROM EXISTING RAISED REFLECTIVE PAVEMENT MARKERS WHICH CONFLICT WITH THE DESIGNATED TRAFFIC CONTROL PLANS. THIS WORK SHALL BE PAID FOR AS RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL.
- ALL TEMPORARY PAVEMENT MARKINGS SHOWING DETERIORATION AFTER 7 DAYS SHALL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. SUFFICIENT QUANTITIES FOR ONE PLACEMENT AND ONE REPLACEMENT HAVE BEEN PROVIDED FOR EACH STAGE. ALL MARKINGS THAT REQUIRE REPLACEMENT AFTER THE SECOND PLACEMENT SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.
- ADDITIONAL ESTIMATED QUANTITIES FOR VARIOUS MAINTENANCE OF TRAFFIC ITEMS HAVE BEEN INCLUDED IN THE CONTRACT FOR THE PURPOSE OF SUPPLEMENTING MAINTENANCE OF TRAFFIC OPERATIONS AND FOR MAINTENANCE OF DETOUR ROUTES. THESE QUANTITIES ARE NOTED AS ALLOWANCES IN THE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN - SCHEDULE. USE OF THESE ADDITIONAL QUANTITIES IS AT THE DISCRETION OF THE ENGINEER.
- THE FURNISHING, INSTALLING, AND RELOCATION OF ALL TRAFFIC SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL). ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DIRECTED BY THE ENGINEER. THE SIGNS SHALL BE RESTORED AT THE END OF CONSTRUCTION. THIS WORK SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
- THE CONTRACTOR SHALL ONLY SET UP AND STORE EQUIPMENT DURING CONSTRUCTION AT THE SUGGESTED STAGING AREAS AS SHOWN IN THE PLANS OR AS APPROVED BY THE ENGINEER. THE SUGGESTED STAGING AREAS SHOWN IN THE PLANS ARE SUBJECT TO FIELD MODIFICATION AS DETERMINED BY THE ENGINEER. THE SUGGESTED STAGING AREAS MAY BE SHARED WITH OTHER ADJACENT CONTRACTS WHICH MAY BE UNDER CONSTRUCTION DURING THE DURATION OF THIS PROJECT. CONTRACTOR COOPERATION IS REQUIRED.
- ALL TEMPORARY INFORMATION SIGNS SHALL HAVE A BLACK LEGEND AND BORDER ON A FLUORESCENT ORANGE REFLECTORIZED BACKGROUND.
- VERIFY LOCATION OF ALL BUILDING ACCESS, COORDINATE WITH BUILDING OWNERS AND LOCAL AUTHORITIES AND PROVIDE FULL ACCESS TO BUSINESSES OR PROPERTIES DURING THEIR NORMAL WORKING HOURS IN ACCORDANCE WITH ADA AND APPLICABLE CODE REQUIREMENTS.
- MAINTAIN ACCESS TO FIRE HYDRANTS, BUILDING STANDPIPES AND OTHER EMERGENCY FACILITIES WITHIN THE CONSTRUCTION ZONE.
- PROVIDE CONTINUOUS TEMPORARY ACCESS TO ALL SIDE STREETS, ALLEYS, DRIVEWAYS, AND OPEN PARKING LOTS UNLESS SPECIFICALLY IDENTIFIED ON THE PLANS FOR TEMPORARY CLOSURE. LOTS WITH MORE THAN ONE DRIVEWAY MUST BE STAGED TO KEEP AT LEAST ONE DRIVEWAY OPEN AT ALL TIMES.
- THE CONTRACTOR SHALL MAINTAIN TRAFFIC ON ALL STREETS EXCEPT WHERE NOTED ON THE PLANS AND PROHIBIT PARKING WITHIN FIFTY (50) FEET OF THE CONSTRUCTION AREA AT ALL TIMES. NOTIFY CDOT AND OEMC AT LEAST 72 HOURS BEFORE COMMENCING CONSTRUCTION. SEE LOCAL STREET IMPACTS SPECIAL PROVISION.
- THE SUGGESTED STAGES OF CONSTRUCTIONS PLANS IDENTIFY STAGING ITEMS BY OTHERS. FOR THE PURPOSES OF IDENTIFYING POSSIBLE CONCURRENT WORK, THE PLANS DEPICT THE FOLLOWING:
  - CONTRACT 60X75 - ONGOING THROUGHOUT CONSTRUCTION
  - CONTRACT 60X76 - ONGOING THROUGHOUT CONSTRUCTION
  - CONTRACT 60B76 - AS NEEDED

IF CONTRACT SCHEDULES AND/OR DURATIONS DIFFER, SIGNING AND TEMPORARY PAVEMENT MARKINGS BY OTHERS MAY VARY FROM THE DEPICTION IN EACH STAGE, INCLUDING HAVING BEEN REMOVED PREVIOUSLY.

- CONTRACTS IDENTIFIED IN THE CONTRACTOR COOPERATION SPECIAL PROVISION MAY REQUIRE COORDINATION WITH STAGING BY OTHERS EVEN IF NOT SPECIFICALLY IDENTIFIED IN THE SUGGESTED STAGING AND TRAFFIC CONTROL PLANS.

**LEGEND:**

-  WORK ZONE
-  TEMPORARY CONCRETE BARRIER
-  TEMPORARY IMPACT ATTENUATOR
-  TEMPORARY SOIL RETENTION SYSTEM
-  DIRECTION OF TRAFFIC FLOW
-  TYPE III BARRICADE
-  TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
-  DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL
-  SIGN
-  ARROW BOARD
-  REMOVAL LIMITS
-  TEMPORARY PAVEMENT

**PROJECT ACCESS GENERAL NOTES:**

- CONSTRUCTION ACCESS TO UIC PROPERTY SHALL BE FROM HARRISON STREET, AND THE UIC ACCESS ROAD FROM POLK STREET AND HALSTED STREET.
- COORDINATE CLOSURE OF ACCESS ROAD WITH UIC STUDENT RECREATION CENTER.
- MAINTAIN ACCESS TO LOADING DOCK AND FOR GARBAGE COLLECTION TO THE GREATEST EXTENT POSSIBLE. DURING THE INSTALLATION OF THE RETAINING WALL AND COMBINED SEWER, THE UIC ACCESS ROAD FROM POLK STREET WILL BE CLOSED WHILE ACCESS FROM HALSTED STREET SHALL BE MAINTAINED. CLOSURE OF THE NORTH END OF THE UIC ACCESS ROAD MUST BE COORDINATED WITH UIC AND MAY REQUIRE THE TEMPORARY RELOCATION OF GARBAGE COLLECTION AND THE LOADING DOCK OF WHICH THE COST WILL BE INCLUDED IN "TRAFFIC CONTROL AND PROTECTION (SPECIAL)".

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND  
TRAFFIC CONTROL - GENERAL NOTES AND LEGEND**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-1	COOK	275	52
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

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

SHEET	ROADWAY/STATION	TEMPORARY EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	TEMPORARY EPOXY PAVEMENT MARKING - LINE 4"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 5"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 6"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 8"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 12"	TEMPORARY PAVEMENT MARKING - LINE 6"	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	PAVEMENT MARKING REMOVAL - WATER BLASTING	PINNING TEMPORARY CONCRETE BARRIER	TEMPORARY INFORMATION SIGNING	BARRIER WALL REFLECTORS, TYPE C	
		SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	SQ FT	EACH	SQ FT	EACH
MAINLINE STAGE 1A																			
1	EB I-290	0	0	27	0	132	0	0.0	0.0	0.0	0	0	0	0	58	0	0	0	
2	EB I-290	0	0	363	0	1,813	0	0.0	0.0	0.0	0	0	0	0	786	0	0	0	
3	EB I-290 TO EB TAYLOR EXIT RAMP	0	202	258	0	3,039	32	2600.0	1300.0	1,300.0	1	0	0	0	3,413	624	0	208	
4	EB TAYLOR EXIT RAMP	0	2,788	219	0	2,310	142	1750.0	875.0	875.0	1	0	0	0	2,364	420	100	140	
MAINLINE STAGE 1B																			
1	BY OTHERS, SHEETS SHOWN FOR INFORMATION ONLY														100				
2															1,360				
3															2,233				
4	EB TAYLOR EXIT RAMP	0	1,708	0	0	300	0	1,850.0	925.0	925.0	0	0	0	0	2,703	444	0	148	
MAINLINE STAGE 1C																			
1	BY OTHERS, SHEETS SHOWN FOR INFORMATION ONLY																		
2																			
3																			
4	EB TAYLOR EXIT RAMP	0	1,324	164	0	1,465	51	575.0	0.0	575.0	0	1	0	0	2,308	138	0	46	
LOCAL ROAD STAGE 1																			
1	HALSTED ST AND HARRISON ST	0	0	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0
2	HALSTED ST AND HARRISON ST	0	0	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	8	0	0
3	DES PLAINES STREET	39	135	0	151	0	0	100.0	100.0	0.0	0	0	1	0	32	24	0	8	0
4	DES PLAINES STREET	0	0	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0
LOCAL ROAD STAGE 2																			
1	DES PLAINES STREET	0	174	0	0	0	0	137.5	37.5	100.0	0	0	0	1	217	33	0	11	0
2	DES PLAINES STREET	0	0	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0
TOTALS		39	6,331	1,031	151	9,059	225	7,012.5	3,237.5	3,775.0	2	1	1	1	15,574	1,683	108	561	0
ALLOWANCE		6	950	155	23	1,359	34	3,162.5	1875.0	1287.5	1	1	1	1	2,337	759	100	85	0
ROUNDED TOTALS		45	7,281	1,186	174	10,418	259	10,175.0	5,112.5	5,062.5	3	2	2	2	17,911	2,442	208	646	0

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND  
 TRAFFIC CONTROL PLAN - SCHEDULE

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-I	COOK	275	53
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

# STAGING NARRATIVE

## STAGE 1A

### MAINTENANCE OF TRAFFIC ON MAINLINE RAMPS

- RAMP WS
  - o REDUCE 16' RAMP LANE TO 12' LANE AND MAINTAIN CONTINUOUS LANE ALONG EAST EDGE OF THE RAMP ES PAVEMENT AS SHOWN ON THE STAGING PLANS.
- RAMP ES AND EB TAYLOR EXIT RAMP
  - o MAINTAIN EXISTING ONE 12' LANE RESTRICTION PER CONTRACT 60X76. CONTINUE THE 12' RAMP LANE ALONG RAMP ES AS SHOWN ON THE STAGING PLANS.
  - o ALIGN THE EASTBOUND TAYLOR EXIT RAMP SHIFTED SLIGHTLY EAST AS SHOWN ON THE STAGING PLANS.
  - o COORDINATION WITH CONTRACT 60X76 REQUIRED.
  - o MAINTAIN TRAFFIC TO EB TAYLOR EXIT RAMP

### CONSTRUCTION TO BE COMPLETED IN STAGE 1A

- INSTALL CONSTRUCTION ENTRANCE AS SHOWN IN THE EROSION CONTROL PLANS.
- REMOVE AND REPLACE THE SOUTHWEST WATER MAIN AS SHOWN IN THE WATER MAIN PLANS. BEGIN THE PROPOSED REHABILITATION OF THE EXISTING PORTIONS OF THE SOUTHWEST WATER MAIN.
- BEGIN THE PROPOSED REHABILITATION OF PORTIONS OF THE NORTHWEST WATER MAIN. SEE WATER MAIN PLANS.
- INSTALL PORTIONS OF THE PROPOSED 60" COMBINED SEWER STARTING FROM THE NORTH END. SEE DRAINAGE PLANS FOR OPEN CUT, JACKING LIMITS AND OTHER DETAILS ASSOCIATED WITH 60" COMBINED SEWER INSTALLATION.
- BEGIN TO CONSTRUCT RETAINING WALL 10 (SN 016-1729). FOR SUGGESTED SEQUENCE OF CONSTRUCTION, SEE STRUCTURAL PLANS.
- INSTALL JACKING AND RECEIVING PITS AND TEMPORARY/PERMANENT SOIL RETENTION SYSTEMS AS SHOWN IN THE STRUCTURAL PLANS.
- PROVIDE TEMPORARY DRAINAGE AS SHOWN IN DRAINAGE PLANS AND IDENTIFIED IN THE SPECIAL PROVISIONS. CONSTRUCT THE REMAINING PORTIONS OF THE COMBINED SEWER.
- CONSTRUCT THE UIC ACCESS ROAD, TENNIS COURT RESTORATION, LIGHTING AND FINAL GRADING.
- COMPLETE PAVEMENT, CURB AND GUTTER AND SIDEWALK RESTORATION AFFECTED BY THE WATER MAIN WORK ON THE EAST SIDE OF DES PLAINES STREET AS SHOWN IN THE ROADWAY PLANS.

## STAGE 1B

### MAINTENANCE OF TRAFFIC ON MAINLINE RAMPS

- RAMP WS AND SB TAYLOR EXIT RAMP
  - o FOR RAMP CLOSURES, TRAFFIC RESTRICTIONS AND DETOUR PLANS ARE IMPLEMENTED BY CONTRACT 60X76.
  - o COORDINATION WITH CONTRACT 60X76 REQUIRED.

- RAMP ES AND EB TAYLOR EXIT RAMP
  - o MAINTAIN EXISTING ONE 12' LANE RESTRICTION PER CONTRACT 60X76. CONTINUE THE 12' RAMP LANE ALONG RAMP ES AS SHOWN ON THE STAGING PLANS.
  - o SHIFT RAMP ES TRAFFIC WEST TOWARDS THE OUTSIDE SHOULDERS AS SHOWN ON THE STAGING PLANS.
  - o COORDINATION WITH CONTRACT 60X76 REQUIRED.
  - o MAINTAIN TRAFFIC TO EB TAYLOR EXIT RAMP

### CONSTRUCTION TO BE COMPLETED IN STAGE 1B

- CONTINUE WORK AT THE SOUTHWEST WATER MAIN AS SHOWN IN THE WATER MAIN PLANS WHERE NOT IMPACTED BY RAMP ES TRAFFIC SHIFT. CONTINUE THE PROPOSED REHABILITATION OF THE EXISTING PORTIONS OF THE SOUTHWEST WATER MAIN.
- CONTINUE THE PROPOSED REHABILITATION OF PORTIONS OF THE NORTHWEST WATER MAIN. SEE WATER MAIN PLANS.
- CONTINUE THE INSTALLATION OF THE PROPOSED 60" COMBINED SEWER STARTING FROM THE NORTH END. SEE DRAINAGE PLANS FOR OPEN CUT, JACKING LIMITS AND OTHER DETAILS ASSOCIATED WITH 60" COMBINED SEWER INSTALLATION.
- CONTINUE TO CONSTRUCT RETAINING WALL 10 (SN 016-1729). FOR SUGGESTED SEQUENCE OF CONSTRUCTION, SEE STRUCTURAL PLANS.
- CONTINUE WORK AT JACKING AND RECEIVING PITS AND TEMPORARY/PERMANENT SOIL RETENTION SYSTEMS AS SHOWN IN THE STRUCTURAL PLANS.
- PROVIDE TEMPORARY DRAINAGE AS SHOWN IN DRAINAGE PLANS AND IDENTIFIED IN THE SPECIAL PROVISIONS.

## STAGE 1C

### MAINTENANCE OF TRAFFIC ON MAINLINE RAMPS

- RAMP WS
  - o REDUCE 16' RAMP LANE TO 12' LANE AND MAINTAIN CONTINUOUS LANE ALONG EAST EDGE OF THE RAMP ES PAVEMENT AS SHOWN ON THE STAGING PLANS.
- RAMP ES AND EB TAYLOR EXIT RAMP
  - o MAINTAIN EXISTING ONE 12' LANE RESTRICTION PER CONTRACT 60X76. CONTINUE THE 12' RAMP LANE ALONG RAMP ES AS SHOWN ON THE STAGING PLANS.
  - o ALIGN THE EASTBOUND TAYLOR EXIT RAMP SHIFTED SLIGHTLY EAST AS SHOWN ON THE STAGING PLANS.
  - o COORDINATION WITH CONTRACT 60X76 REQUIRED.
  - o MAINTAIN TRAFFIC TO EB TAYLOR EXIT RAMP

### CONSTRUCTION TO BE COMPLETED IN STAGE 1C

- COMPLETE WORK AT THE SOUTHWEST WATER MAIN AS SHOWN IN THE WATER MAIN PLANS WHERE NOT IMPACTED BY RAMP ES TRAFFIC SHIFT. COMPLETE THE PROPOSED REHABILITATION OF THE EXISTING PORTIONS OF THE SOUTHWEST WATER MAIN.

- COMPLETE THE PROPOSED REHABILITATION OF PORTIONS OF THE NORTHWEST WATER MAIN. SEE WATER MAIN PLANS.
- COMPLETE THE INSTALLATION OF THE PROPOSED 60" COMBINED SEWER STARTING FROM THE NORTH END. SEE DRAINAGE PLANS FOR OPEN CUT, JACKING LIMITS AND OTHER DETAILS ASSOCIATED WITH 60" COMBINED SEWER INSTALLATION.
- COMPLETE RETAINING WALL 10 (SN 016-1729). FOR SUGGESTED SEQUENCE OF CONSTRUCTION, SEE STRUCTURAL PLANS.
- PROVIDE TEMPORARY DRAINAGE AS SHOWN IN DRAINAGE PLANS AND IDENTIFIED IN THE SPECIAL PROVISIONS. CONSTRUCT THE REMAINING PORTIONS OF THE COMBINED SEWER.
- CONSTRUCT THE UIC ACCESS ROAD, TENNIS COURT RESTORATION, LIGHTING AND FINAL GRADING.
- COMPLETE PAVEMENT, CURB AND GUTTER AND SIDEWALK RESTORATION AFFECTED BY THE WATER MAIN WORK ON THE EAST SIDE OF DES PLAINES STREET AS SHOWN IN THE ROADWAY PLANS.

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL NARRATIVE			
SCALE: NONE	SHEET 1	OF 2 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-I	COOK	275	54
CONTRACT NO. 62A74			ILLINOIS FED. AID PROJECT	

# STAGING NARRATIVE

## STAGE 1 - LOCAL ROAD

### MAINTENANCE OF TRAFFIC ON LOCAL ROADS

- HALSTED STREET AND HARRISON STREET
  - o MAINTAIN EXISTING TRAVEL LANES AT ALL TIMES.
  - o MAINTAIN ALL PARKING ON HALSTED STREET AND HARRISON STREET.
  - o ACCESS TO ALL DRIVEWAYS MUST BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
- DES PLAINES STREET
  - o INSTALL LANE RESTRICTIONS ONLY DURING THE PROPOSED WATER MAIN IMPROVEMENTS WITHIN DES PLAINES STREET.
  - o ON DES PLAINES STREET NORTH OF HARRISON STREET, RESTRICT THE EAST SOUTHBOUND LANE TO A LEFT TURN ONLY LANE.
  - o MAINTAIN ONE RIGHT TURN ONLY LANE AND ONE THROUGH LANE AS SHOWN ON THE STAGING PLANS.
  - o MAINTAIN ONE SOUTHBOUND LANE ON DES PLAINES STREET SOUTH OF HARRISON STREET.
  - o RESTRICT PARKING ON DES PLAINES STREET NEAR THE WORK ZONE AS NECESSARY AND APPROVED BY THE ENGINEER.
  - o COORDINATION WITH CONTRACTS 60X75, 60X78 AND 62B76 REQUIRED.
- VERNON PARK PLACE
  - o CLOSE VERNON PARK PLACE.
  - o MAINTAIN ACCESS TO THE SIDE BUILDING ENTRANCES DURING CONSTRUCTION. COORDINATION WITH BUILDING/BUSINESS OWNERS REQUIRED.
- POLK STREET
  - o USE OF ALL DRIVEWAYS TO THE SOUTH INCLUDING PARKING LOT 4 AND THE HALSTED STREET PARKING STRUCTURE MUST BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
  - o RESTRICTED ACCESS TO THE UIC ACCESS ROAD TO BE MAINTAINED DURING CONSTRUCTION AS PER THE SPECIAL PROVISIONS.

### CONSTRUCTION TO BE COMPLETED IN STAGE 1 - LOCAL ROAD (VERNON PARK PLACE AND DES PLAINES STREET)

- CONSTRUCT THE PROPOSED WATER MAIN INSPECTION MANHOLE IN VERNON PARK PLACE AND THE PROPOSED WATER MAIN REHABILITATION OF THE EXISTING 48" EAST AND SOUTHEAST FEEDER MAINS AS SHOWN IN WATER MAIN PLANS.
- COMPLETE THE EXISTING 54" NORTHEAST WATER MAIN ABANDONMENT. SEE WATER MAIN PLANS FOR DETAILS.

## STAGE 2 - LOCAL ROAD

### MAINTENANCE OF TRAFFIC ON LOCAL ROADS

- HALSTED STREET AND HARRISON STREET
  - o MAINTAIN EXISTING TRAVEL LANES AT ALL TIMES.
  - o MAINTAIN ALL PARKING ON HALSTED STREET AND HARRISON STREET.
  - o ACCESS TO ALL DRIVEWAYS MUST BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
- DES PLAINES STREET
  - o MAINTAIN TWO THROUGH LANES AND ONE RIGHT TURN LANE ON DES PLAINES STREET NORTH OF HARRISON STREET.
  - o MAINTAIN TWO SOUTHBOUND LANES ON DES PLAINES STREET SOUTH OF HARRISON STREET.
  - o RESTRICT BIKE LANE TO A SHARED LANE WITH TRAFFIC. ACCESS TO DRIVEWAYS SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
  - o COORDINATION WITH CONTRACTS 60X75, 60X78 AND 62B76 REQUIRED.
- VERNON PARK PLACE
  - o CLOSE VERNON PARK PLACE.
  - o MAINTAIN ACCESS TO THE SIDE BUILDING ENTRANCES DURING CONSTRUCTION. COORDINATION WITH BUILDING/BUSINESS OWNERS REQUIRED.
- POLK STREET
  - o USE OF ALL DRIVEWAYS TO THE SOUTH INCLUDING PARKING LOT 4 AND THE HALSTED STREET PARKING STRUCTURE MUST BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
  - o RESTRICTED ACCESS TO THE UIC ACCESS ROAD TO BE MAINTAINED DURING CONSTRUCTION AS PER THE SPECIAL PROVISIONS.

### CONSTRUCTION TO BE COMPLETED IN STAGE 2 - LOCAL ROAD (DES PLAINES STREET)

- REMOVE THE FIRE HYDRANT AND COMPLETE THE WORK ASSOCIATED WITH THE ABANDONMENT OF THE PIPE LEADING TO FIRE HYDRANT AS SHOWN IN THE WATER MAIN PLANS.
- COMPLETE PAVEMENT, CURB AND GUTTER AND SIDEWALK RESTORATION AFFECTED BY THE WATER MAIN WORK AS SHOWN IN THE ROADWAY PLANS.

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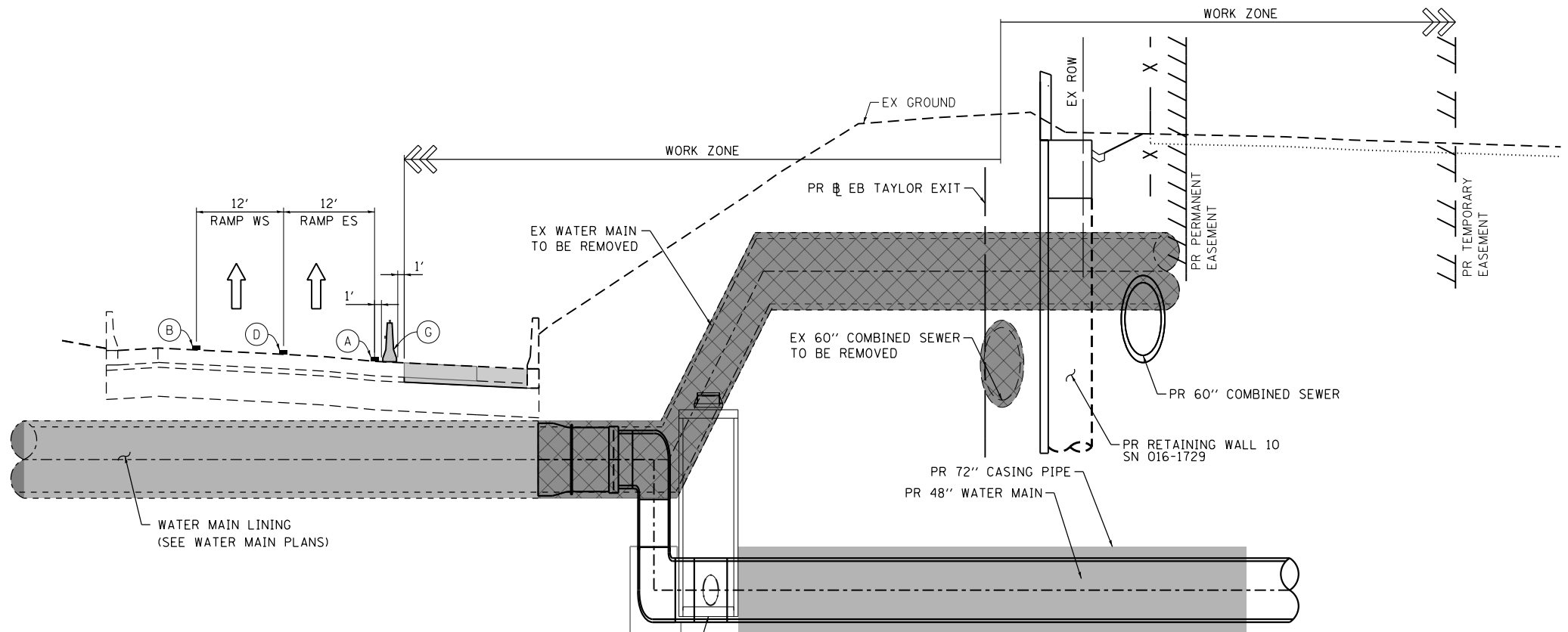
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

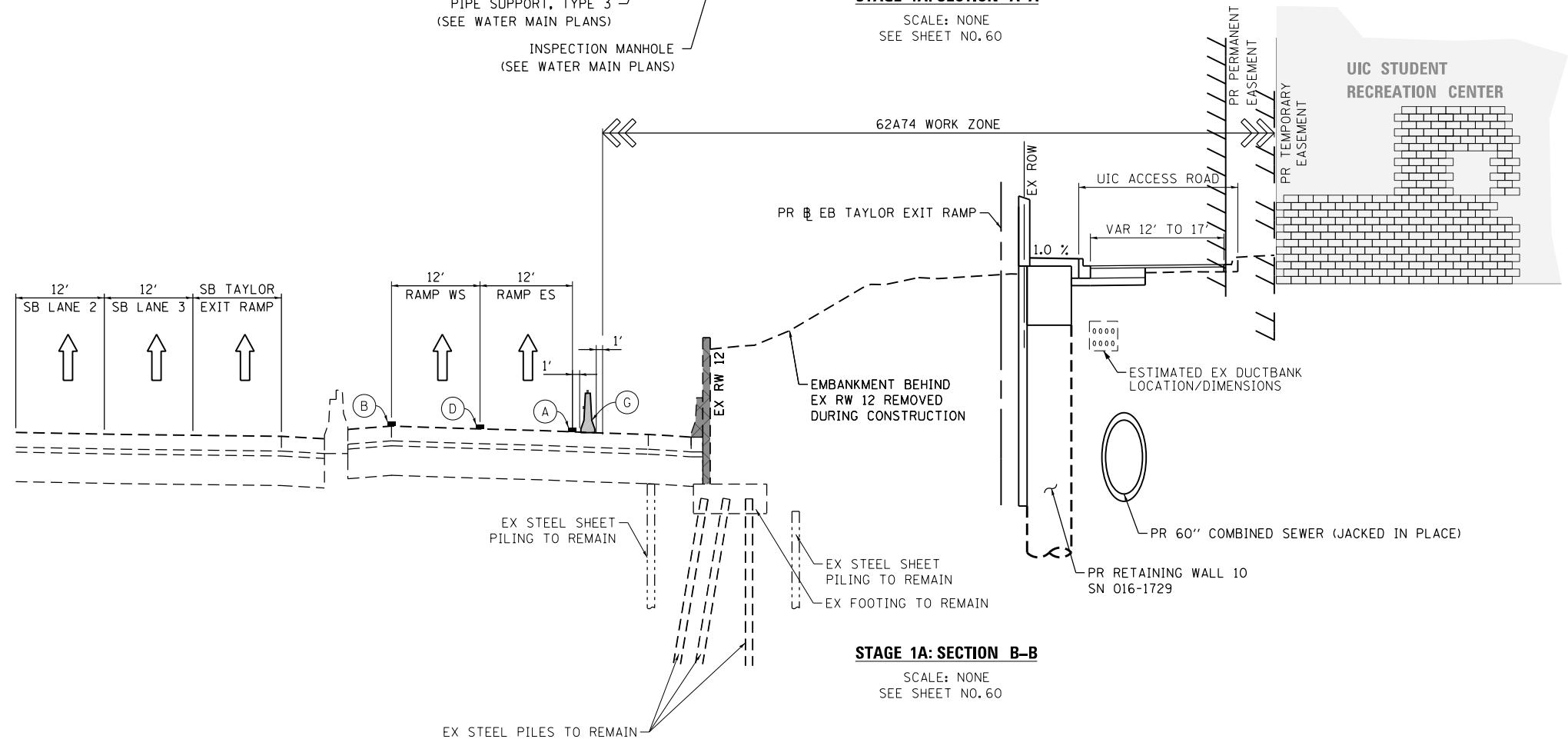
**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
NARRATIVE**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-I	COOK	275	54A
<b>CONTRACT NO. 62A74</b>				
ILLINOIS FED. AID PROJECT				



**STAGE 1A: SECTION A-A**  
SCALE: NONE  
SEE SHEET NO. 60



**STAGE 1A: SECTION B-B**  
SCALE: NONE  
SEE SHEET NO. 60

**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 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (FOR 45 MPH & ABOVE) AND TEST LEVEL 2 (FOR LESS THAN 45 MPH) (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH, 9' SKIP)

- TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHT
- TEMPORARY CONCRETE BARRIER WITH BARRIER WALL REFLECTORS, TYPE C (2 EACH @ 25' SPACINGS PER STANDARD 704001)
- REMOVAL LIMITS
- TEMPORARY PAVEMENT
- \* FROM PREVIOUS STAGE TO REMAIN

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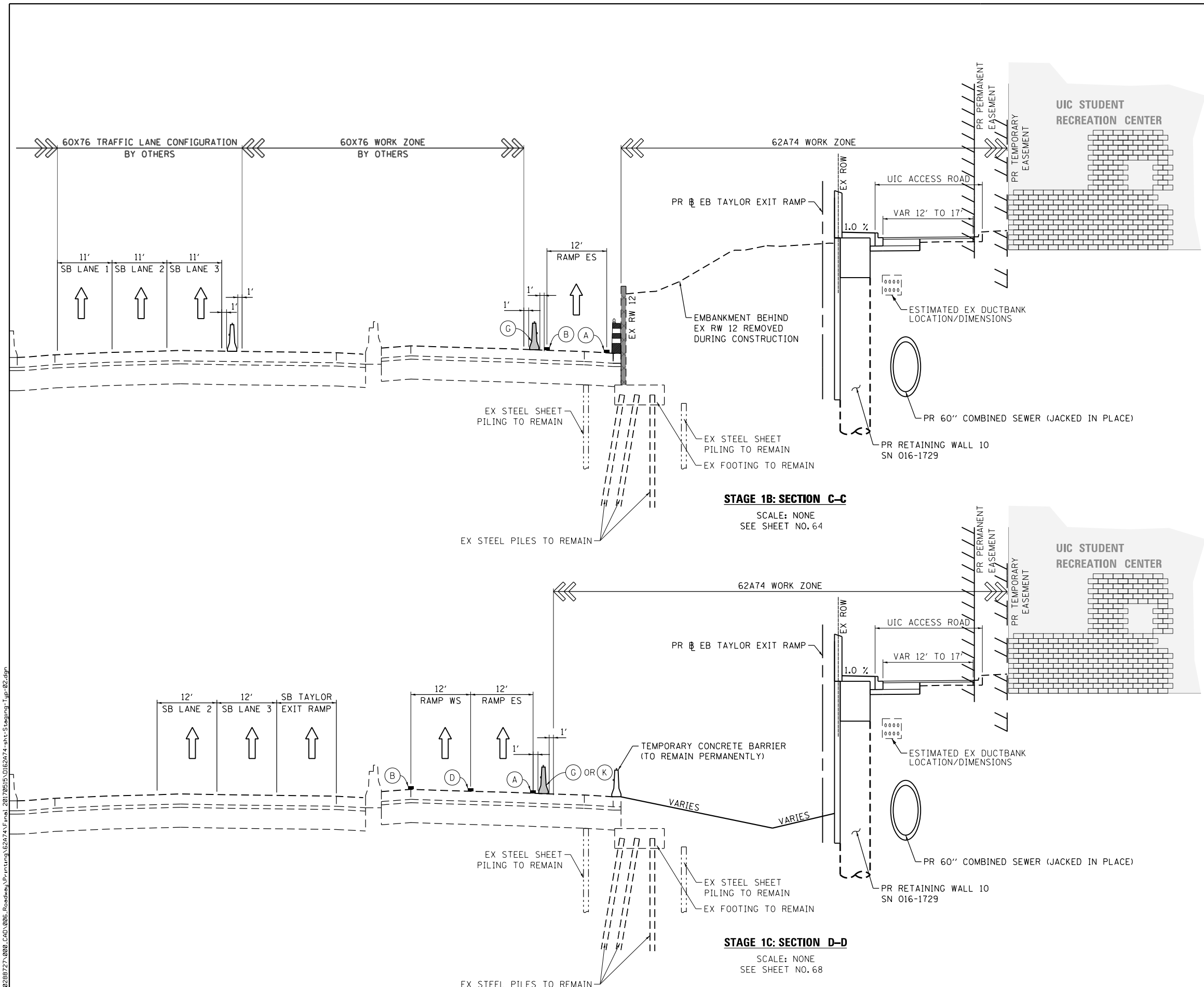
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CHECKED - MJE	REVISED -
DATE - 05/15/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN**  
**STAGE 1A**  
SCALE: NONE SHEET 1 OF 3 SHEETS STA. TO STA.

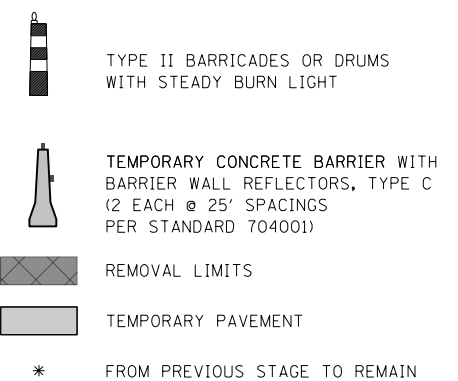
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90/94/290	2015-022-1	COOK	275	55
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				





**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 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (FOR 45 MPH & ABOVE) AND TEST LEVEL 2 (FOR LESS THAN 45 MPH) (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH, 9' SKIP)



**STAGE 1B: SECTION C-C**  
SCALE: NONE  
SEE SHEET NO. 64

**STAGE 1C: SECTION D-D**  
SCALE: NONE  
SEE SHEET NO. 68

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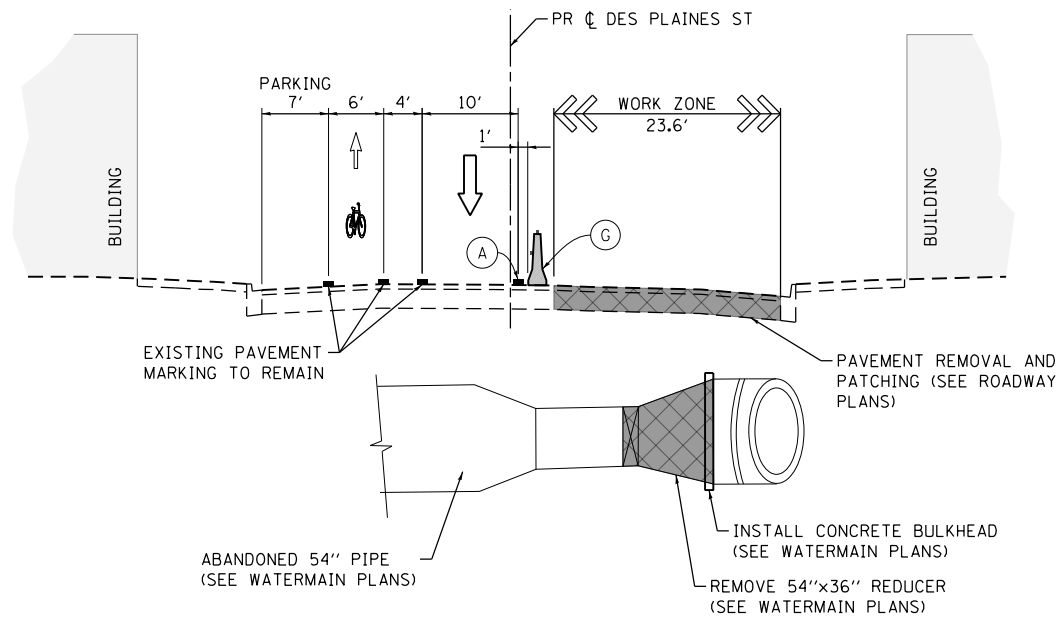
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DATE - 05/15/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

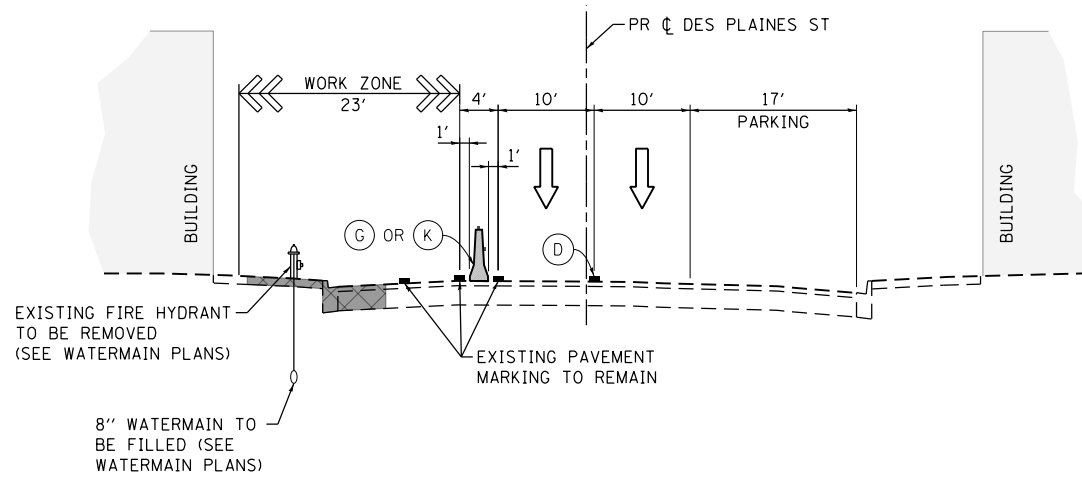
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN			
STAGES 1B AND 1C			
SCALE: NONE	SHEET 2 OF 3 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-1	COOK	275	56
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				



**STAGE 1: SECTION B-B**

SCALE: NONE  
SEE SHEET NO. 72

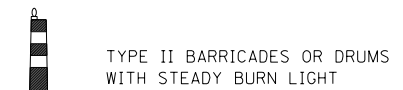


**STAGE 1: SECTION C-C**

SCALE: NONE  
SEE SHEET NO. 74

**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 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (FOR 45 MPH & ABOVE) AND TEST LEVEL 2 (FOR LESS THAN 45 MPH) (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH, 9' SKIP)



TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHT



TEMPORARY CONCRETE BARRIER WITH BARRIER WALL REFLECTORS, TYPE C (2 EACH @ 25' SPACINGS PER STANDARD 704001)



REMOVAL LIMITS



TEMPORARY PAVEMENT

\* FROM PREVIOUS STAGE TO REMAIN

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
LOCAL ROAD - TYPICAL SECTIONS**

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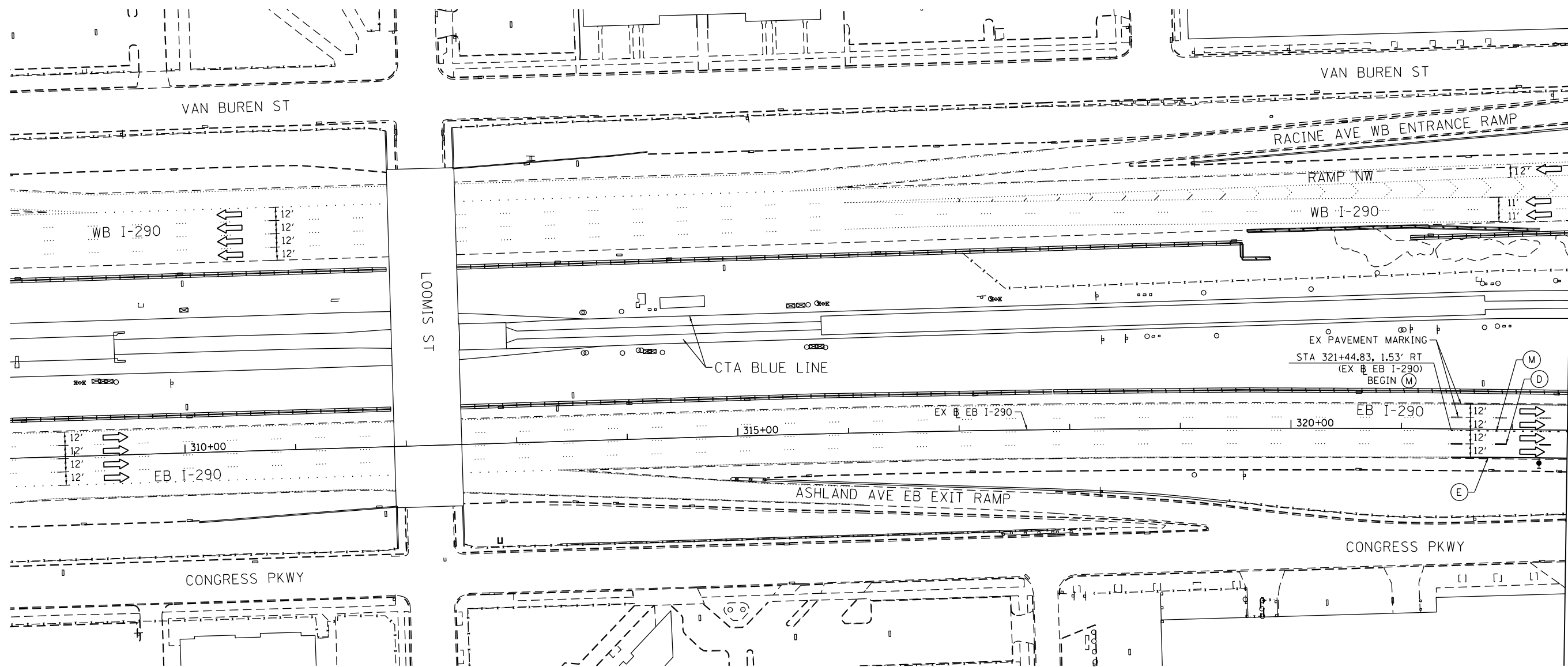
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-I	COOK	275	57
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

**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 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)

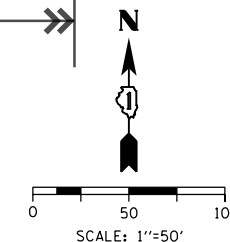
**LEGEND:**

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR, TEST LEVEL 3 (SEE SCHEDULE)
- TEMPORARY SOIL RETENTION SYSTEM
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT



MATCH LINE STA 322+50 EX EB I-290 SEE SHEET NO. 59

ALL TRAVEL LANES ON EB I-290 AND RAMP ES WEST OF HARRISON STREET SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACT 60X76, (CONTRACTOR COOPERATION REQUIRED).



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 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
 MAINLINE - STAGE 1A (EB I-290 TO SB I-90/94)**

SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. TO STA. 322+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-I	COOK	275	58
CONTRACT NO. 62474				
ILLINOIS FED. AID PROJECT				

[OHI] EXISTING OVERHEAD SIGNS TO REMAIN

**Congress Pkwy**  
**Chicago Loop**

**WEST Kennedy Expy**  
**Wisconsin**  
EXIT ONLY

**EAST Ryan Expy**  
**Indiana**  
EXIT ONLY

ROAD CONSTRUCTION AHEAD

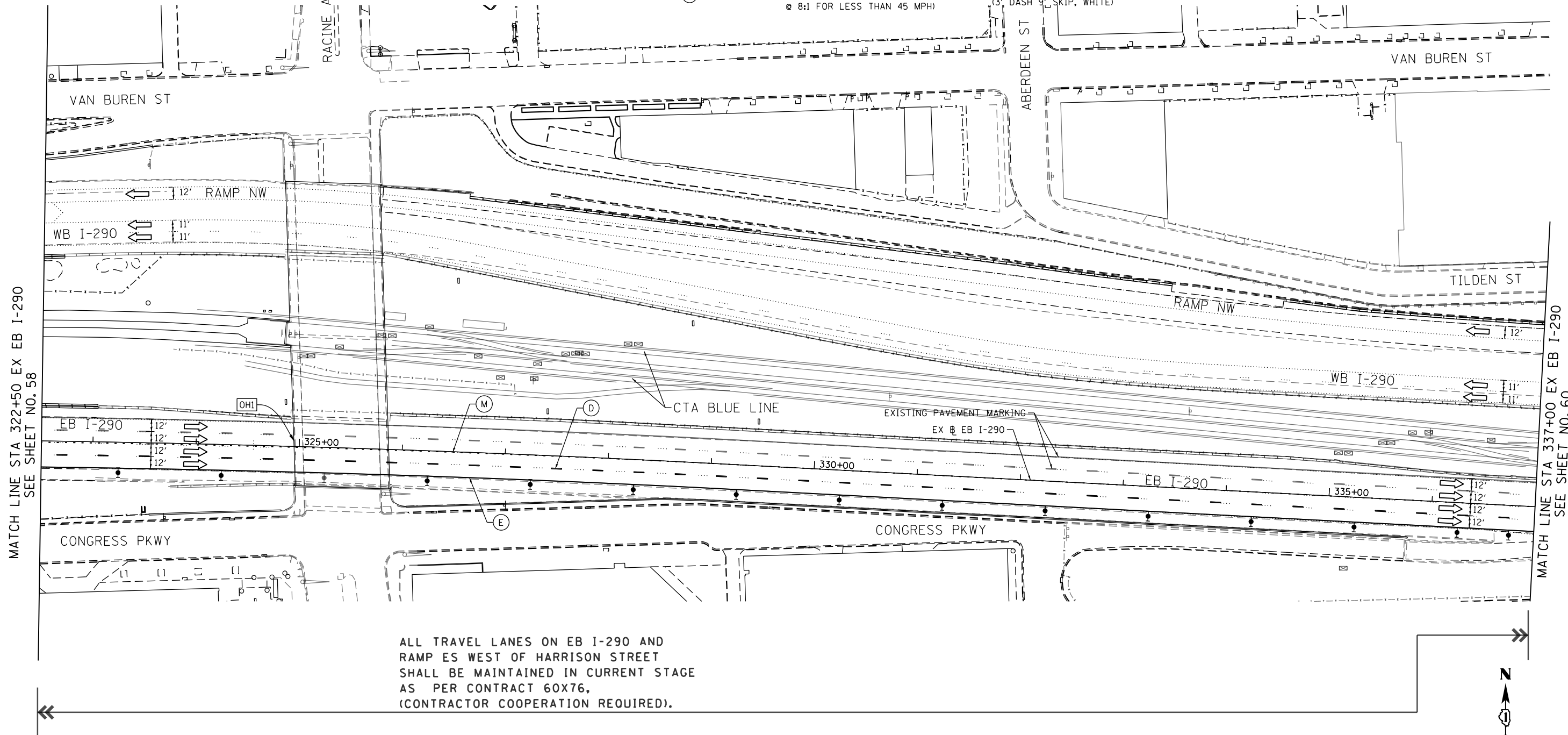
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**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

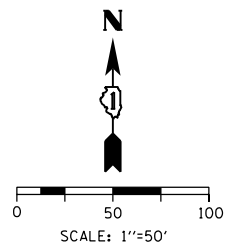
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)

**LEGEND:**

- [Symbol] WORK ZONE
- [Symbol] TEMPORARY CONCRETE BARRIER
- [Symbol] TEMPORARY IMPACT ATTENUATOR, TEST LEVEL 3 (SEE SCHEDULE)
- [Symbol] TEMPORARY SOIL RETENTION SYSTEM
- [Symbol] DIRECTION OF TRAFFIC FLOW
- [Symbol] TYPE III BARRICADE
- [Symbol] TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- [Symbol] DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
- [Symbol] ARROW BOARD
- [Symbol] REMOVAL LIMITS
- [Symbol] TEMPORARY PAVEMENT



ALL TRAVEL LANES ON EB I-290 AND RAMP ES WEST OF HARRISON STREET SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACT 60X76, (CONTRACTOR COOPERATION REQUIRED).



MATCH LINE STA 322+50 EX EB I-290 SEE SHEET NO. 58

MATCH LINE STA 337+00 EX EB I-290 SEE SHEET NO. 60

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D162A74-SHT-Staging-ML-STG1A-01  
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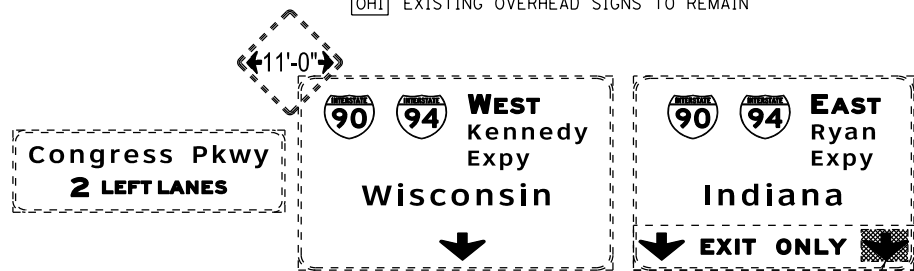
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL**  
**MAINLINE - STAGE 1A (EB I-290 TO SB I-90/94)**

SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 322+50 TO STA. 337+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-I	COOK	275	59
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

[OH1] EXISTING OVERHEAD SIGNS TO REMAIN



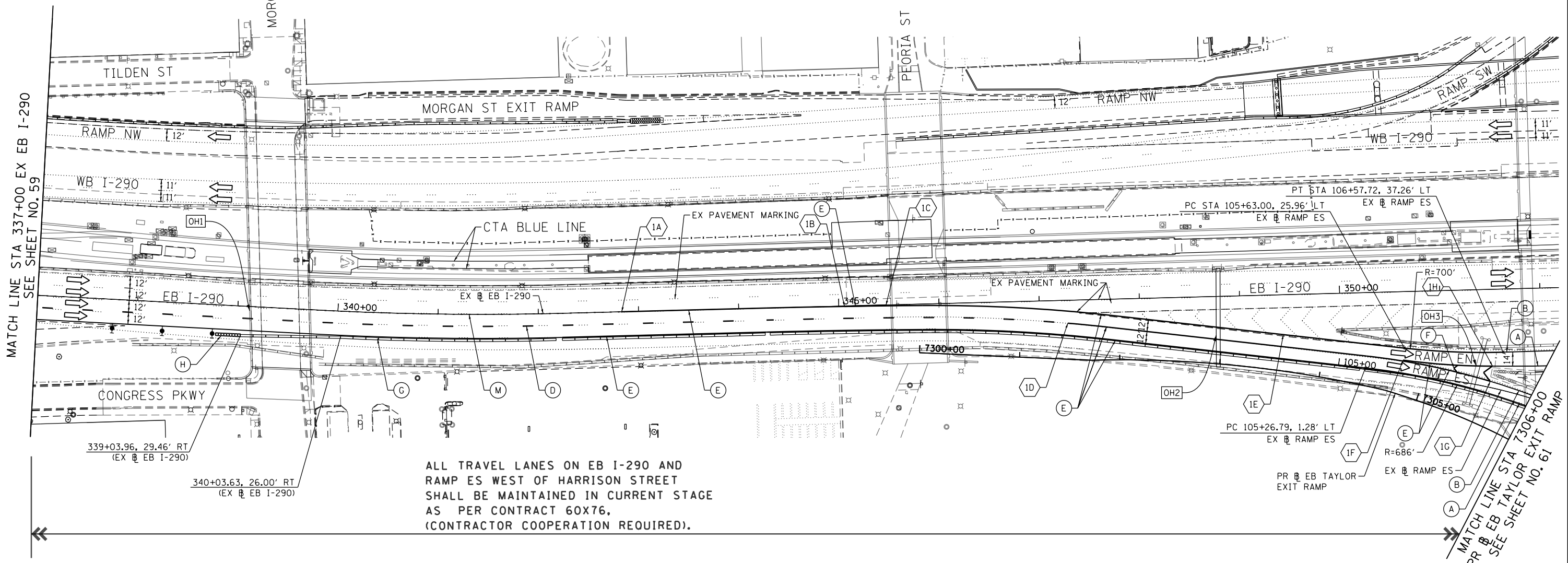
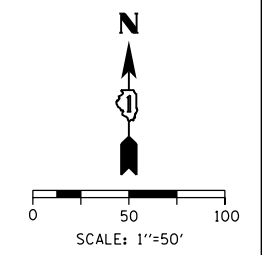
ARROW COVERED BY CONTRACT 60X76 TO REMAIN

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

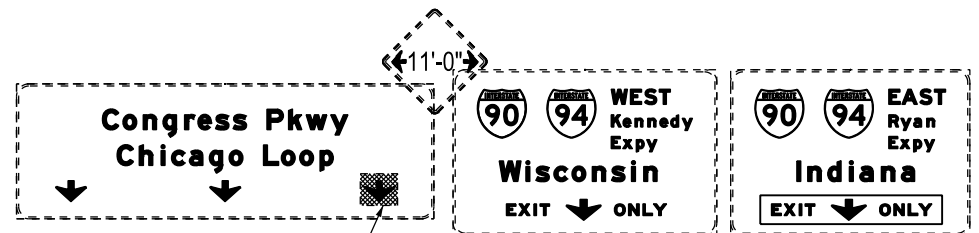
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)

**LEGEND:**

- [Symbol] WORK ZONE
- [Symbol] TEMPORARY CONCRETE BARRIER
- [Symbol] TEMPORARY IMPACT ATTENUATOR, TEST LEVEL 3 (SEE SCHEDULE)
- [Symbol] TEMPORARY SOIL RETENTION SYSTEM
- [Symbol] DIRECTION OF TRAFFIC FLOW
- [Symbol] TYPE III BARRICADE
- [Symbol] TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- [Symbol] DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
- [Symbol] ARROW BOARD
- [Symbol] REMOVAL LIMITS
- [Symbol] TEMPORARY PAVEMENT

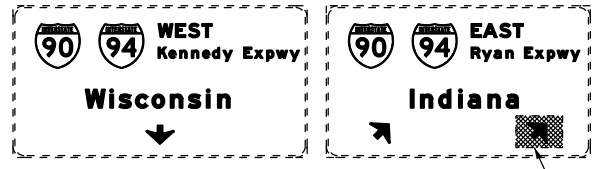


[OH2] EXISTING OVERHEAD SIGNS TO REMAIN



ARROW COVERED BY CONTRACT 60X78 TO REMAIN

[OH3] EXISTING OVERHEAD SIGNS TO REMAIN



ARROW COVERED BY CONTRACT 60X76 TO REMAIN

STAGE 1A TRAFFIC CONTROL LAYOUT				
POINT	STATION	OFFSET	NOTE	BASELINE
1A	342+83.26	0.00'	END (M) AND BEGIN (E)	EX EB I-290
1B	345+05.62	0.37' RT	BEGIN (E)	EX EB I-290
1C	345+47.11	0.31' RT	END (E)	EX EB I-290
1D	347+28.09	22.89' RT	END (D) AND BEGIN (E)	EX EB I-290
1E	349+42.81	39.82' RT	END (E) AND BEGIN (B)	EX EB I-290
1F	105+63.22	13.97' LT	BEGIN (E)	EX RAMP ES
1G	106+51.77	6.06' LT	END (E) AND BEGIN (B)	EX RAMP ES
1H	106+50.64	21.39' LT	END (E) AND BEGIN (A)	EX RAMP ES

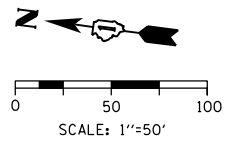
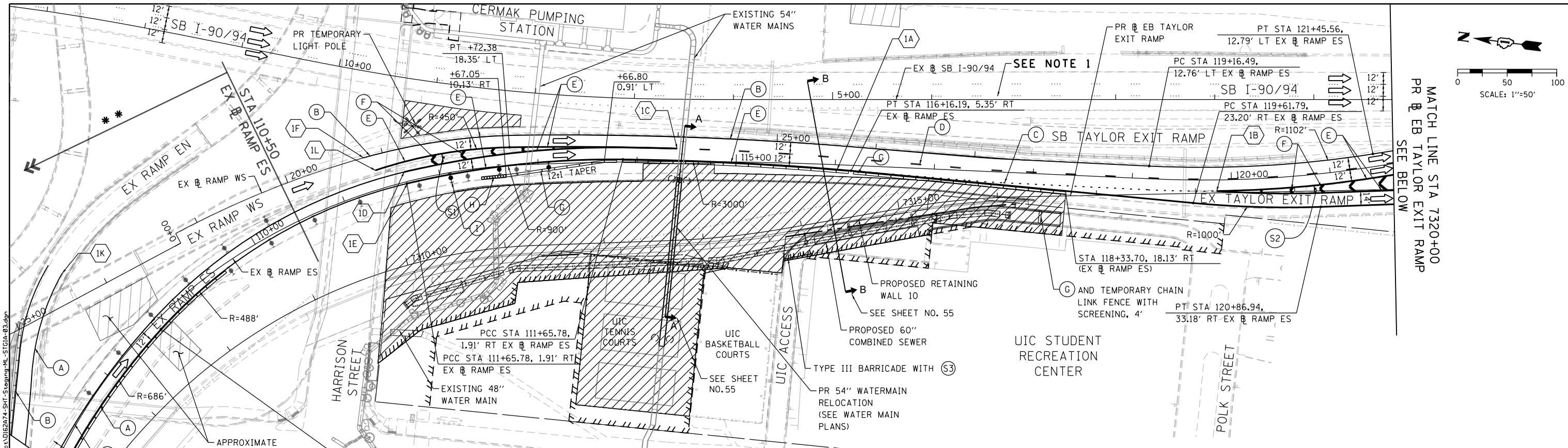


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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL**  
**MAINLINE - STAGE 1A (EB I-290 TO SB I-90/94)**  
SCALE: 1"=50' SHEET 3 OF 4 SHEETS STA. 337+00 TO STA. 7306+00

F.A.I. RTE. 90/94/290	SECTION 2015-022-I	COUNTY COOK	TOTAL SHEETS 275	SHEET NO. 60
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA 7320+00  
PR EB TAYLOR EXIT RAMP  
SEE BELOW

**\*\* ALL TRAVEL LANES ON EB I-290 AND RAMP ES WEST OF HARRISON STREET SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACT 60X76. (CONTRACTOR COOPERATION REQUIRED).**



**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

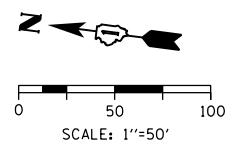
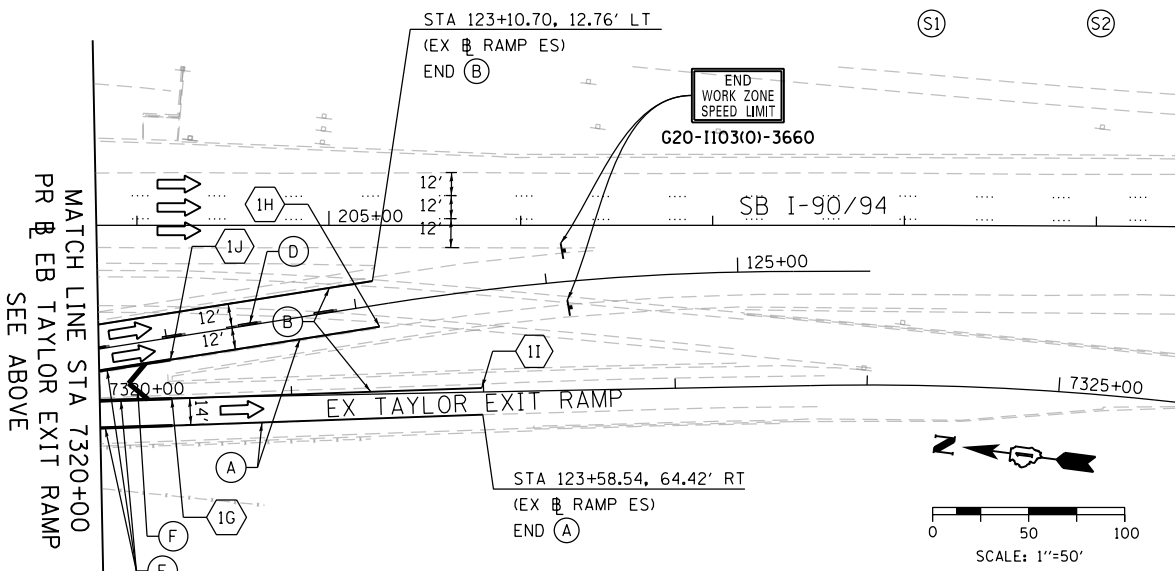
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)

- LEGEND:**
- WORK ZONE
  - TEMPORARY CONCRETE BARRIER
  - TEMPORARY IMPACT ATTENUATOR, TEST LEVEL 3 (SEE SCHEDULE)
  - TEMPORARY SOIL RETENTION SYSTEM
  - DIRECTION OF TRAFFIC FLOW
  - TYPE III BARRICADE
  - TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
  - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
  - SIGN
  - ARROW BOARD
  - REMOVAL LIMITS
  - TEMPORARY PAVEMENT

**TRAFFIC CONTROL LAYOUT INFORMATION**

STAGE 1A TRAFFIC CONTROL LAYOUT				
POINT	STATION	OFFSET	NOTE	BASELINE
1A	116+02.06	4.76' RT	BEGIN (C)	EX EB RAMP ES
1B	119+85.12	11.14' RT	END (C) AND BEGIN (E)	EX EB RAMP ES
1C	114+40.41	13.04' LT	END (E) AND BEGIN (D)	EX EB RAMP ES
1D	111+65.95	10.09' LT	END (B) AND BEGIN (E)	EX EB RAMP ES
1E	111+66.34	1.92' RT	END (A) AND BEGIN (E)	EX EB RAMP ES
1F	20+80.41	0.00'	BEGIN (B)	EX EB RAMP WS
1G	7320+37.50	0.34' RT	END (E) AND BEGIN (B)	PR EB TAYLOR EXIT RAMP
1H	123+10.69	11.24' RT	END (A)	EX EB RAMP ES
1I	7321+99.15	2.11' LT	END (B)	PR EB TAYLOR EXIT RAMP
1J	122+00.30	11.22' RT	END (E) AND BEGIN (A)	EX EB RAMP ES
1K	25+64.89	29.56' LT	END (A)	EX EB RAMP WS
1L	111+39.10	19.48' LT	BEGIN (E) (PC)	EX EB RAMP ES

- NOTES:**
- ALL TRAVEL LANES ON SB I-290 SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACT 60X76. (CONTRACTOR COOPERATION REQUIRED).
  - STATION AND OFFSETS ARE MEASURED FROM EX EB RAMP ES UNLESS OTHERWISE NOTED.



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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL**  
**MAINLINE - STAGE 1A (EB I-290 TO SB I-90/94)**

F.A.I. RTE. 90/94/290	SECTION 2015-022-1	COUNTY COOK	TOTAL SHEETS 275	SHEET NO. 61
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

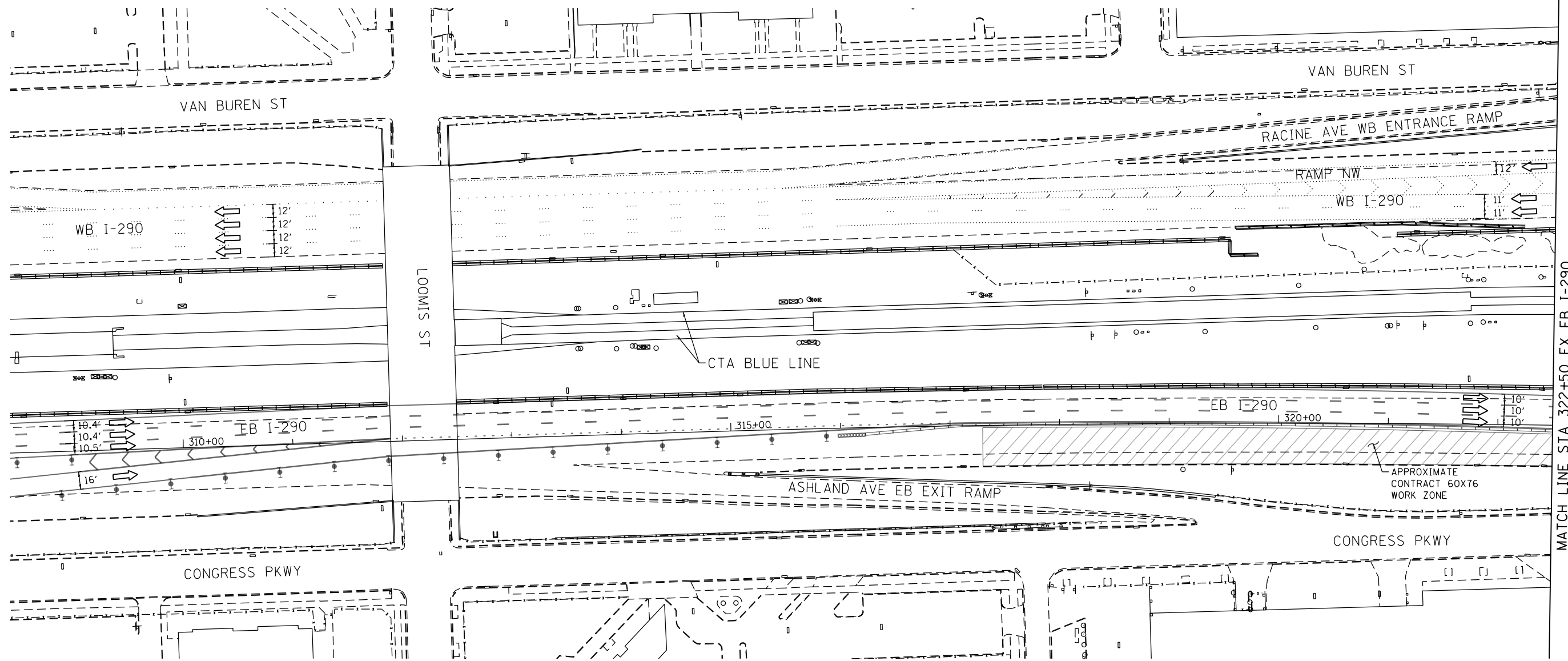
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**PROPOSED TEMP PAVEMENT MARKINGS  
AND TRAFFIC CONTROL DEVICES**

- (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 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)

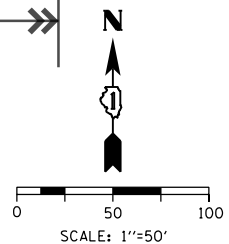
**LEGEND:**

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR, TEST LEVEL 3 (SEE SCHEDULE)
- TEMPORARY SOIL RETENTION SYSTEM
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT



MATCH LINE STA 322+50 EX EB I-290  
SEE SHEET NO. 63

ALL TRAVEL LANES ON EB I-290 AND RAMP ES WEST OF HARRISON STREET SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACT 60X76, (CONTRACTOR COOPERATION REQUIRED).



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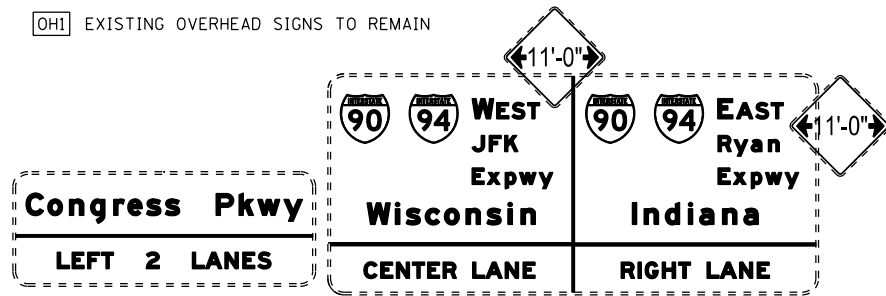
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
MAINLINE - STAGE 1B (EB I-290 TO SB I-90/94)**

SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. TO STA. 322+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-I	COOK	275	62
CONTRACT NO. 62474				
ILLINOIS FED. AID PROJECT				

[OH1] EXISTING OVERHEAD SIGNS TO REMAIN

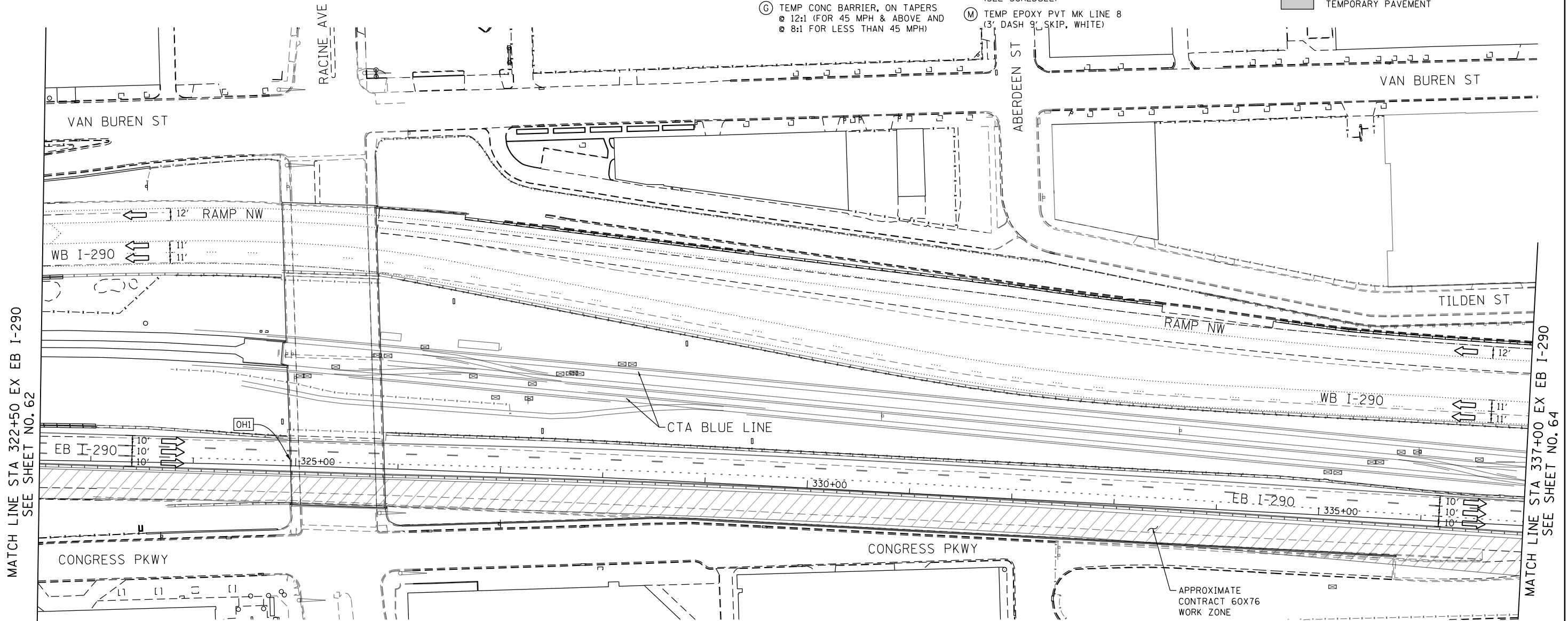


**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

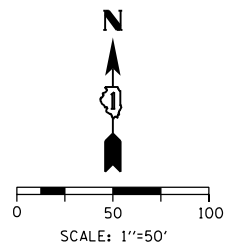
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)

**LEGEND:**

- [Hatched Box] WORK ZONE
- [Dashed Line] TEMPORARY CONCRETE BARRIER
- [Dotted Line] TEMPORARY IMPACT ATTENUATOR, TEST LEVEL 3 (SEE SCHEDULE)
- [Wavy Line] TEMPORARY SOIL RETENTION SYSTEM
- [Arrow] DIRECTION OF TRAFFIC FLOW
- [T-shaped Symbol] TYPE III BARRICADE
- [Dot Symbol] TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- [Arrow with Light Symbol] DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
- [Arrow Board Symbol] ARROW BOARD
- [Cross-hatched Box] REMOVAL LIMITS
- [Grey Box] TEMPORARY PAVEMENT



ALL TRAVEL LANES ON EB I-290 AND RAMP ES WEST OF HARRISON STREET SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACT 60X76, (CONTRACTOR COOPERATION REQUIRED).



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**STATE OF ILLINOIS  
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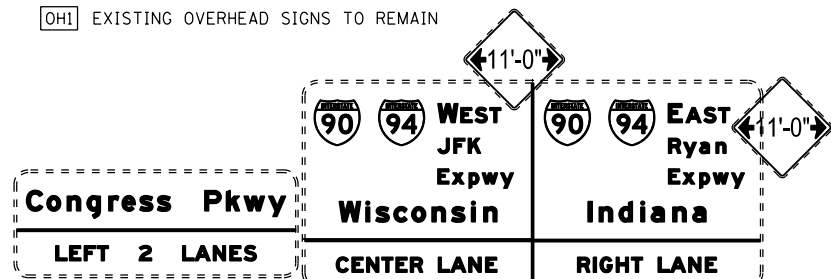
**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
 MAINLINE - STAGE 1B (EB I-290 TO SB I-90/94)**

SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 322+50 TO STA. 337+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-I	COOK	275	63
CONTRACT NO. 62474				
ILLINOIS FED. AID PROJECT				



OH1 EXISTING OVERHEAD SIGNS TO REMAIN

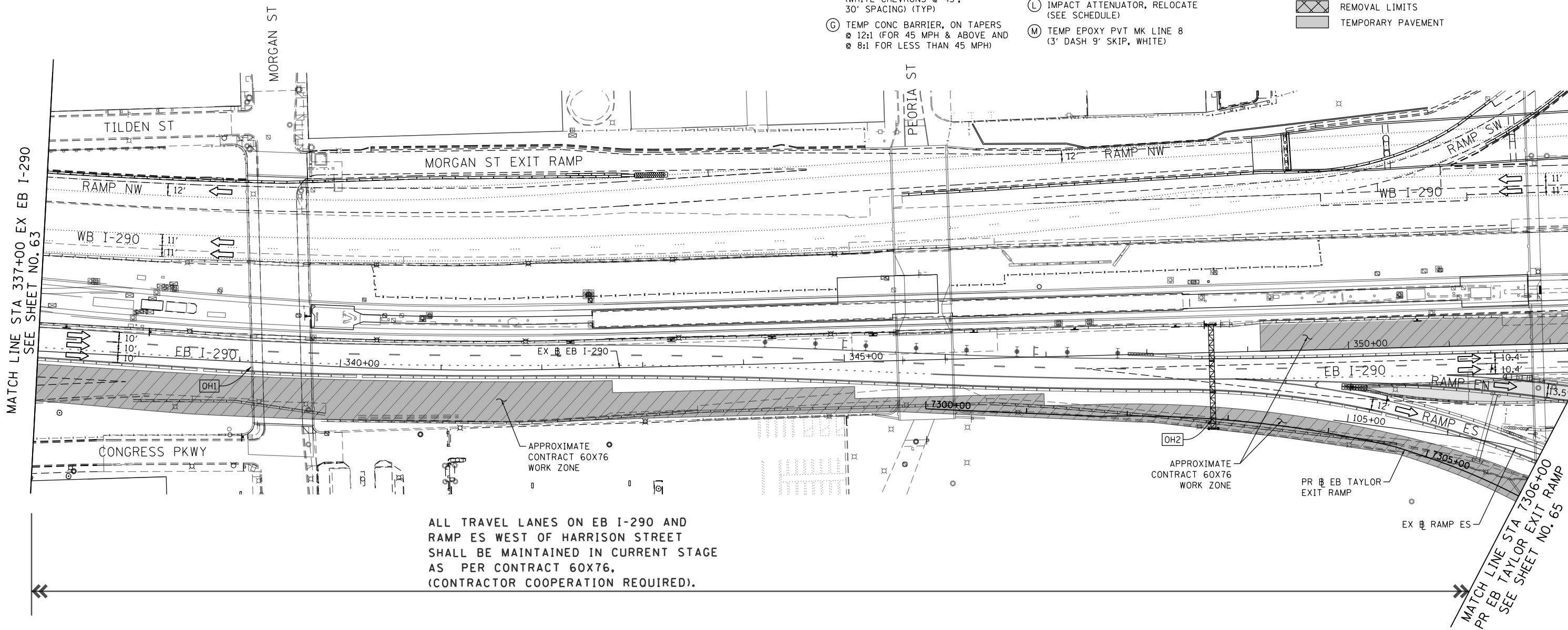


**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

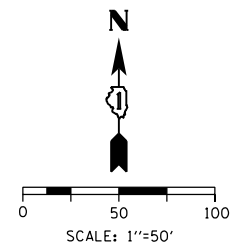
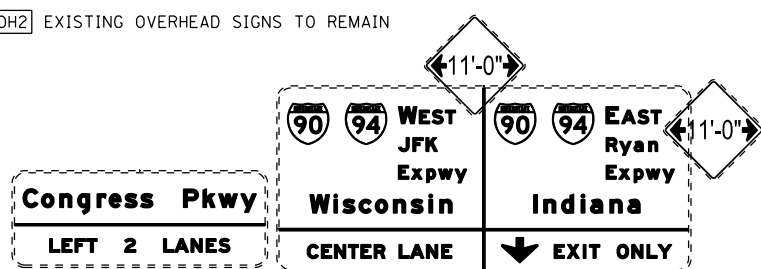
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)

**LEGEND:**

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR, TEST LEVEL 3 (SEE SCHEDULE)
- TEMPORARY SOIL RETENTION SYSTEM
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT



OH2 EXISTING OVERHEAD SIGNS TO REMAIN



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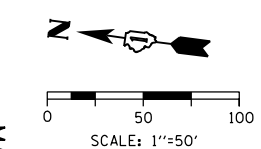
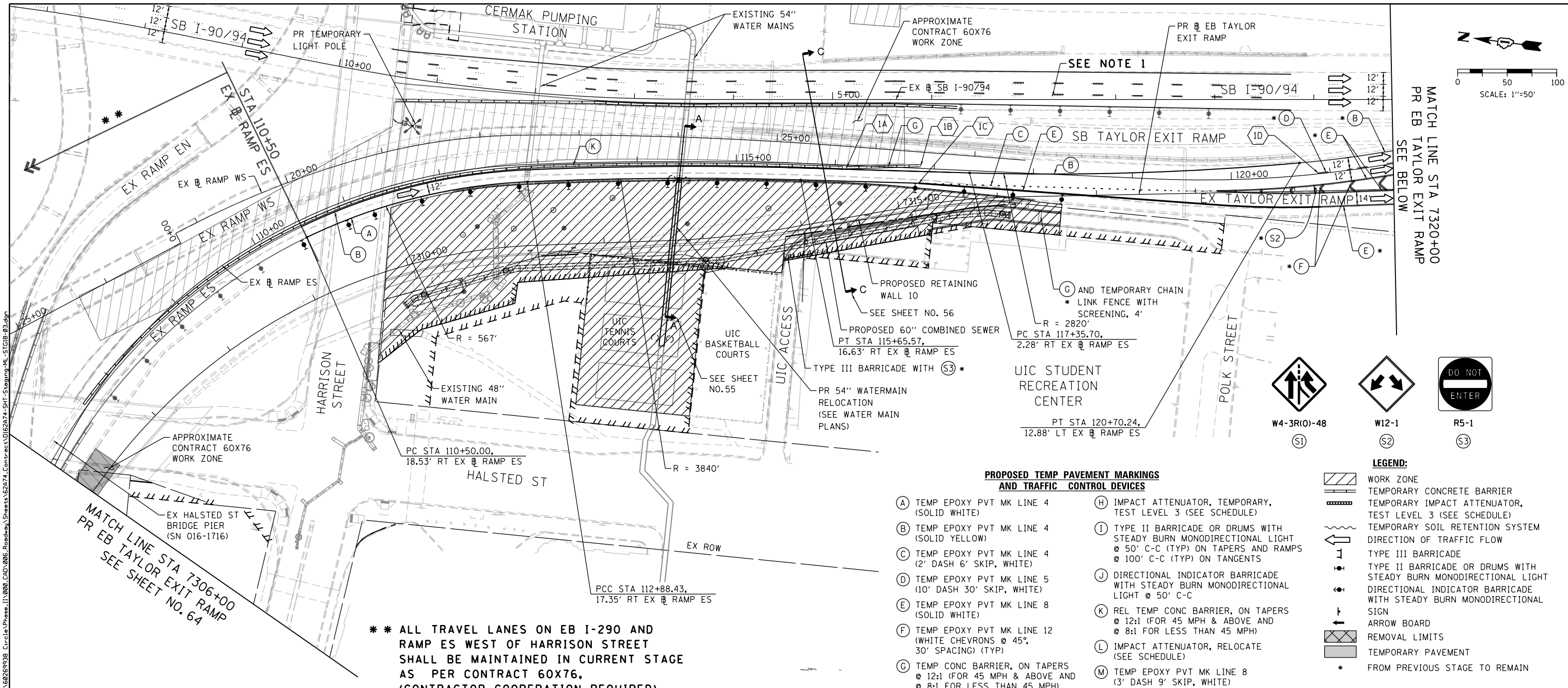
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

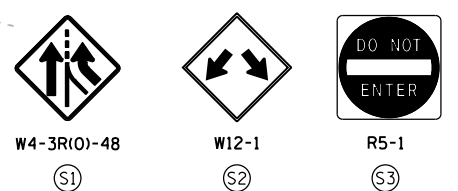
**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
 MAINLINE - STAGE 1B (EB I-290 TO SB I-90/94)**

SCALE: 1"=50' SHEET 3 OF 4 SHEETS STA. 337+00 TO STA. 7306+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-I	COOK	275	64
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA 7320+00  
PR EB TAYLOR EXIT RAMP  
SEE BELOW



- LEGEND:**
- WORK ZONE
  - TEMPORARY CONCRETE BARRIER
  - TEMPORARY IMPACT ATTENUATOR, TEST LEVEL 3 (SEE SCHEDULE)
  - TEMPORARY SOIL RETENTION SYSTEM
  - DIRECTION OF TRAFFIC FLOW
  - TYPE III BARRICADE
  - TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
  - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
  - SIGN
  - ARROW BOARD
  - REMOVAL LIMITS
  - TEMPORARY PAVEMENT
  - \* FROM PREVIOUS STAGE TO REMAIN

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

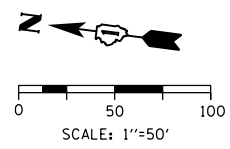
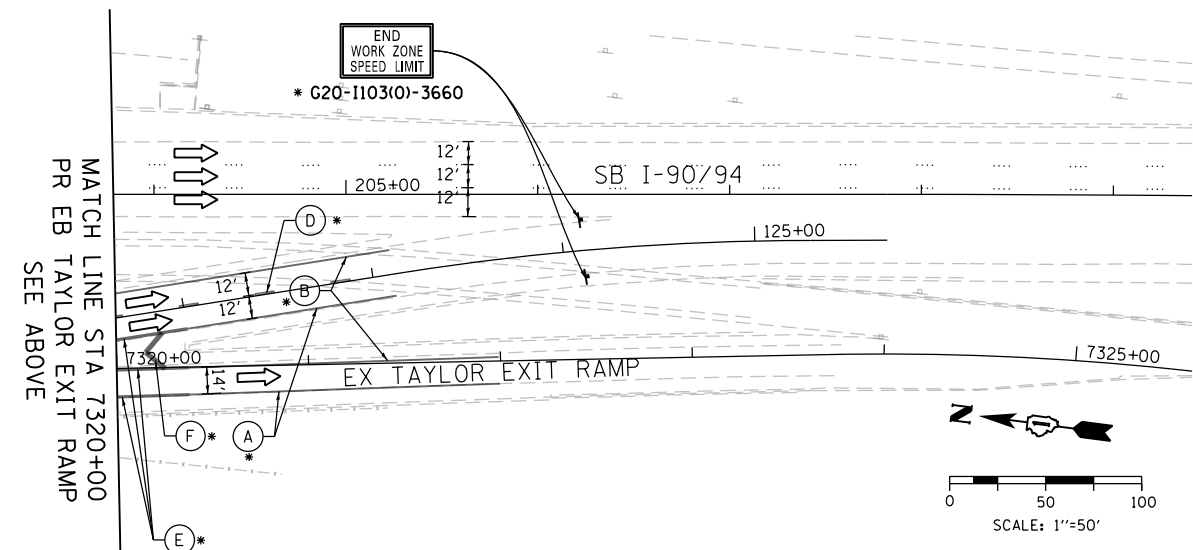
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)

**\*\* ALL TRAVEL LANES ON EB I-290 AND RAMP ES WEST OF HARRISON STREET SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACT 60X76. (CONTRACTOR COOPERATION REQUIRED).**

**TRAFFIC CONTROL LAYOUT INFORMATION**

STAGE 1B TRAFFIC CONTROL LAYOUT				
POINT	STATION	OFFSET	NOTE	BASELINE
1A	116+11.43	2.66' RT	BEGIN (G)	EX RAMP ES
1B	116+86.24	2.72' LT	END (G)	EX RAMP ES
1C	116+84.77	15.07' RT	END (A) AND BEGIN (C) AND (E)	EX RAMP ES
1D	120+87.92	0.87' LT	BEGIN (D)	EX RAMP ES

- NOTES:**
- ALL TRAVEL LANES ON SB I-290 SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACT 60X76. (CONTRACTOR COOPERATION REQUIRED).
  - STATION AND OFFSETS ARE MEASURED FROM EX RAMP ES UNLESS OTHERWISE NOTED.



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 CHECKED - MJE  
 DATE - 05/15/2017

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL**  
**MAINLINE - STAGE 1B (EB I-290 TO SB I-90/94)**

SCALE: 1"=50' SHEET 4 OF 4 SHEETS STA. 7306+00 TO STA. 7321+00

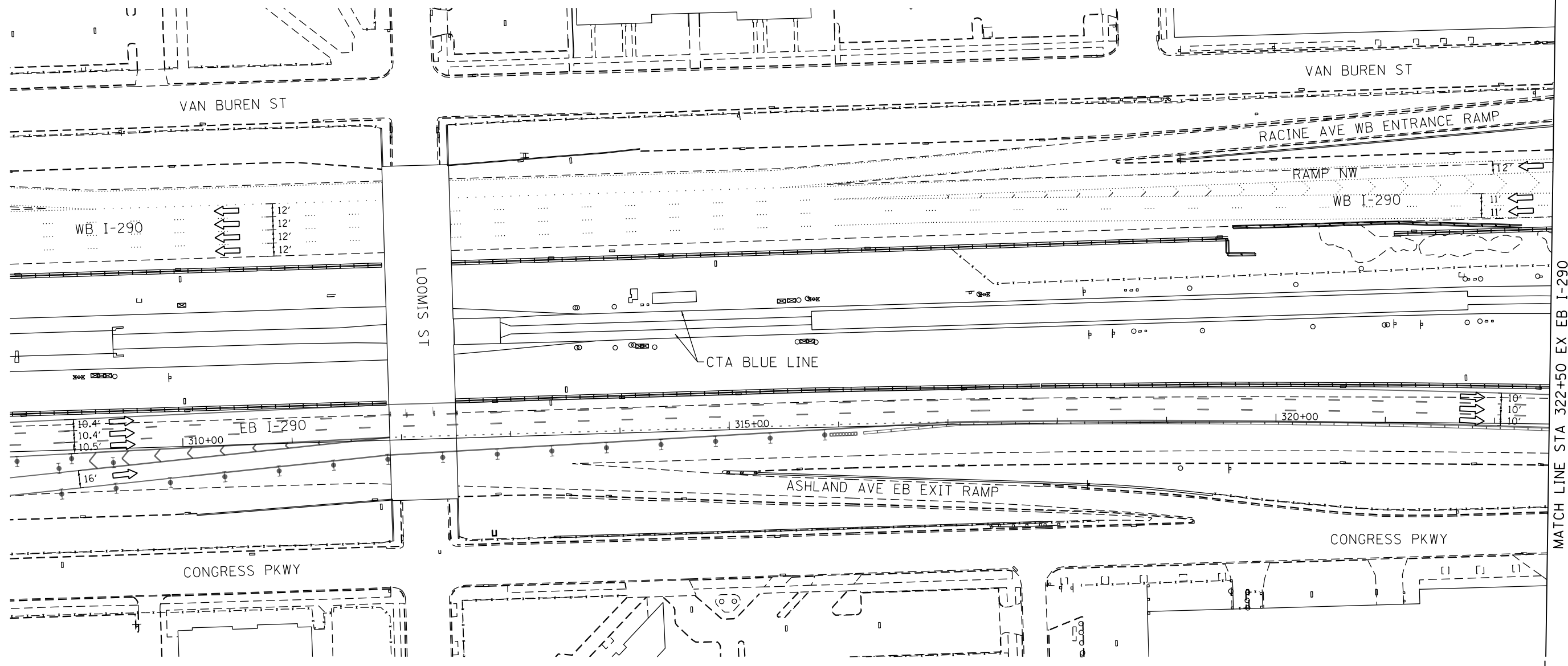
F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-1	COOK	275	65
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

**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 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)

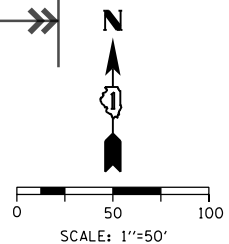
**LEGEND:**

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR, TEST LEVEL 3 (SEE SCHEDULE)
- TEMPORARY SOIL RETENTION SYSTEM
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT



MATCH LINE STA 322+50 EX EB I-290  
SEE SHEET NO. 67

ALL TRAVEL LANES ON EB I-290 AND RAMP ES WEST OF HARRISON STREET SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACT 60X76, (CONTRACTOR COOPERATION REQUIRED).



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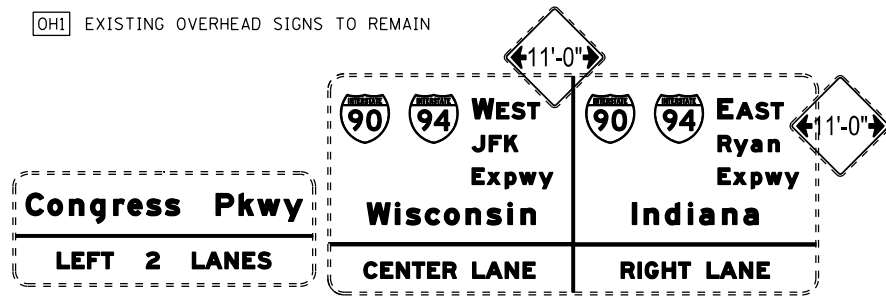
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
MAINLINE - STAGE 1C (EB I-290 TO SB I-9094)**

SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. TO STA. 322+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-I	COOK	275	66
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

[OH1] EXISTING OVERHEAD SIGNS TO REMAIN

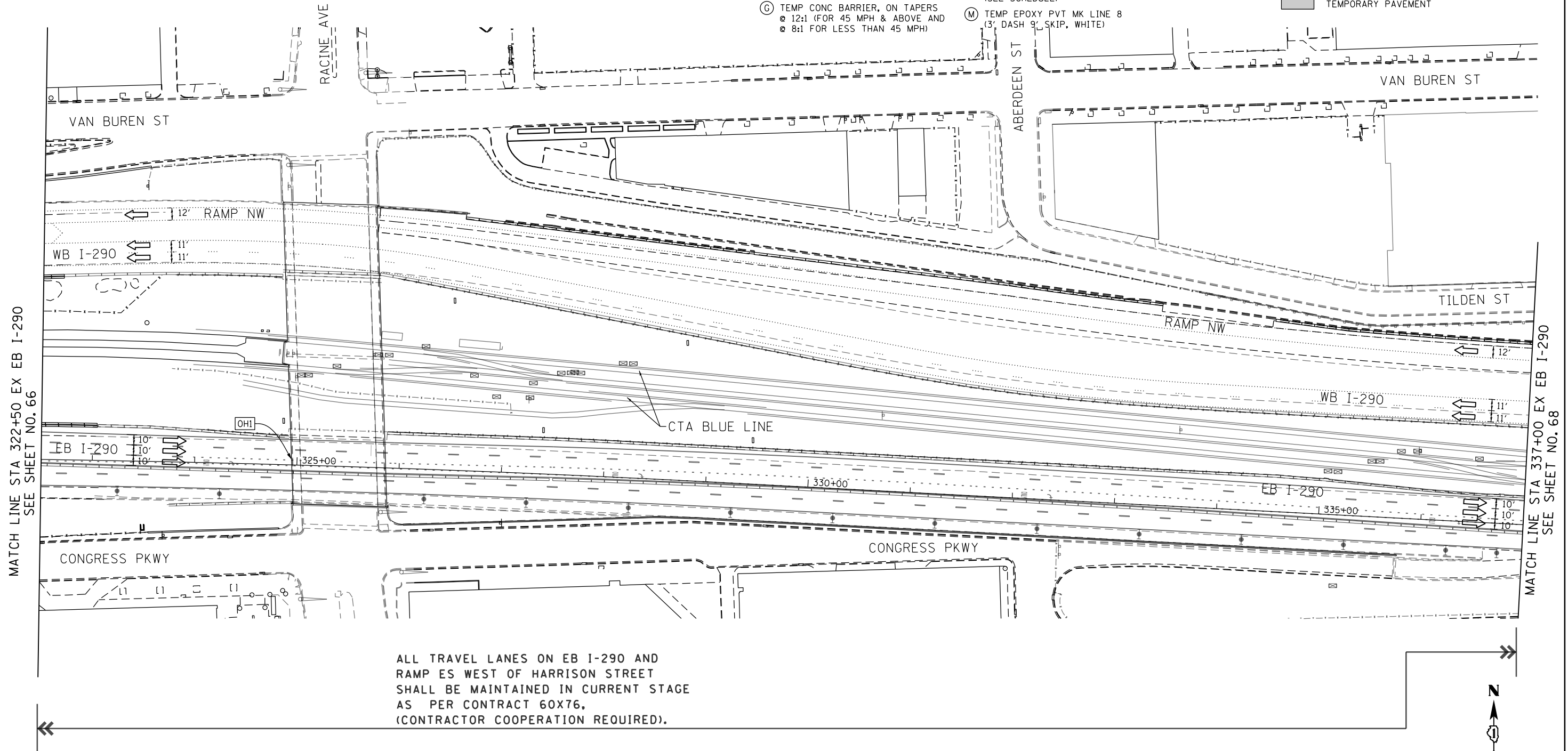


**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

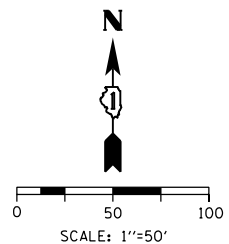
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)

**LEGEND:**

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR, TEST LEVEL 3 (SEE SCHEDULE)
- TEMPORARY SOIL RETENTION SYSTEM
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT



ALL TRAVEL LANES ON EB I-290 AND RAMP ES WEST OF HARRISON STREET SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACT 60X76, (CONTRACTOR COOPERATION REQUIRED).



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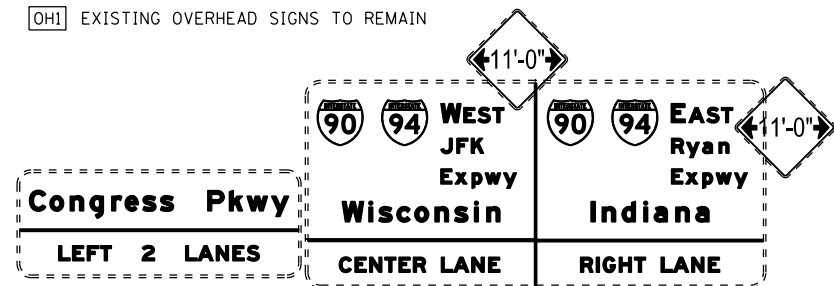
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
 MAINLINE - STAGE 1C (EB I-290 TO SB I-90/94)**

SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 322+50 TO STA. 337+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-I	COOK	275	67
CONTRACT NO. 62474				
ILLINOIS FED. AID PROJECT				

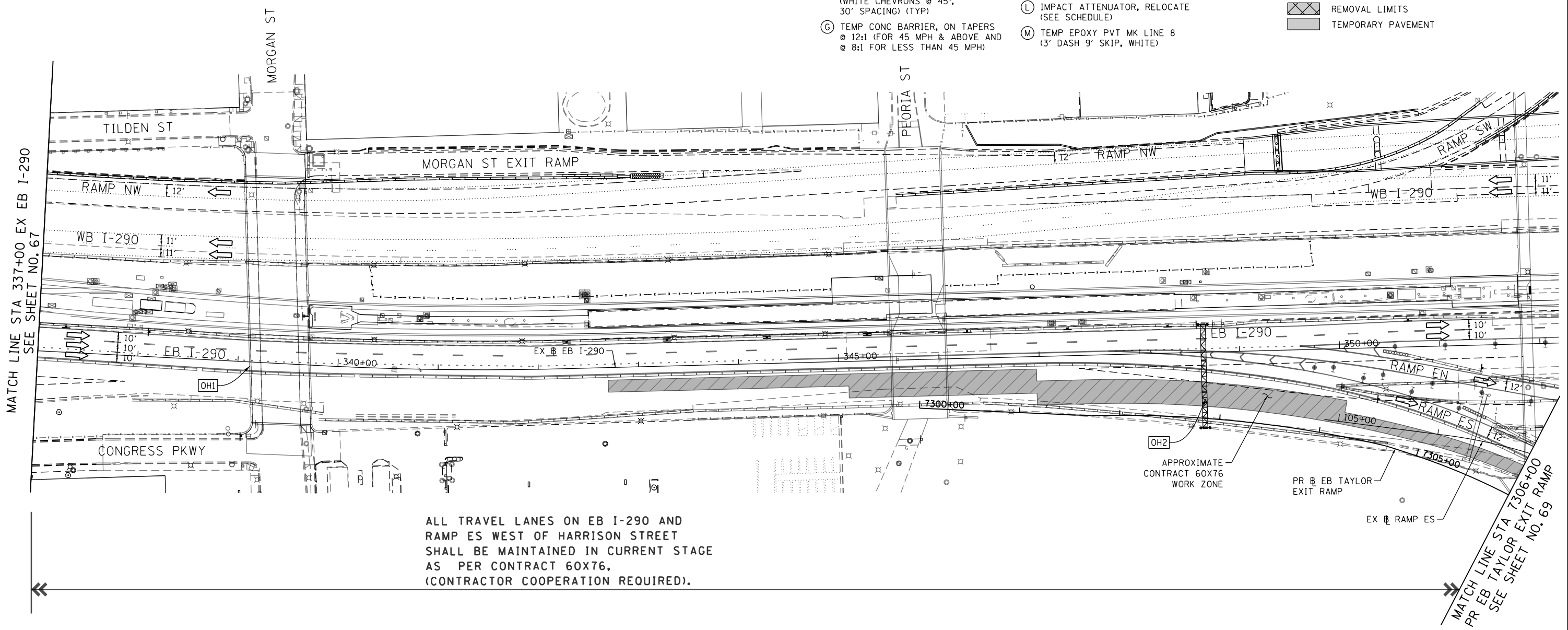
OH1 EXISTING OVERHEAD SIGNS TO REMAIN



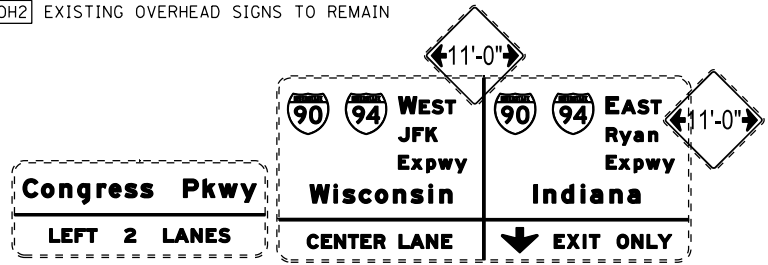
**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (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 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)

- LEGEND:**
- WORK ZONE
  - TEMPORARY CONCRETE BARRIER
  - TEMPORARY IMPACT ATTENUATOR, TEST LEVEL 3 (SEE SCHEDULE)
  - TEMPORARY SOIL RETENTION SYSTEM
  - DIRECTION OF TRAFFIC FLOW
  - TYPE III BARRICADE
  - TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
  - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
  - ARROW BOARD
  - REMOVAL LIMITS
  - TEMPORARY PAVEMENT



OH2 EXISTING OVERHEAD SIGNS TO REMAIN



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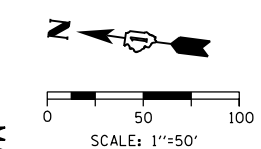
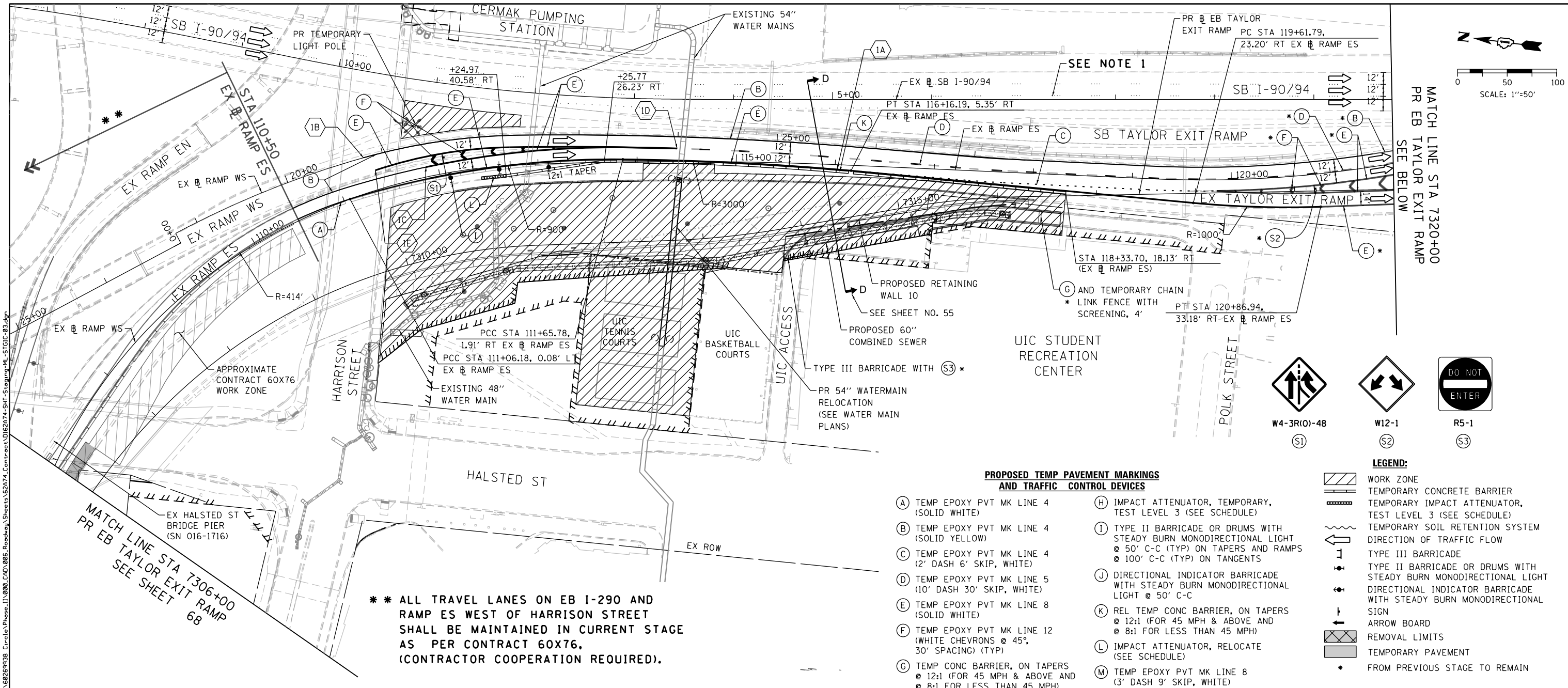
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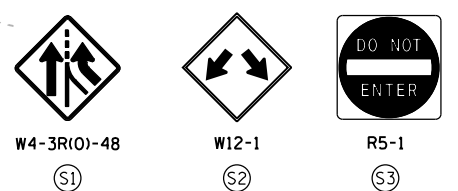
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL**  
**MAINLINE - STAGE 1C (EB I-290 TO SB I-90/94)**  
 SCALE: 1"=50' SHEET 3 OF 4 SHEETS STA. 337+00 TO STA. 7306+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-I	COOK	275	68
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA 7320+00  
PR EB TAYLOR EXIT RAMP  
SEE BELOW



- LEGEND:**
- WORK ZONE
  - TEMPORARY CONCRETE BARRIER
  - TEMPORARY IMPACT ATTENUATOR, TEST LEVEL 3 (SEE SCHEDULE)
  - TEMPORARY SOIL RETENTION SYSTEM
  - DIRECTION OF TRAFFIC FLOW
  - TYPE III BARRICADE
  - TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
  - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
  - REL TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
  - IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
  - TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
  - REMOVAL LIMITS
  - TEMPORARY PAVEMENT
  - \* FROM PREVIOUS STAGE TO REMAIN

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

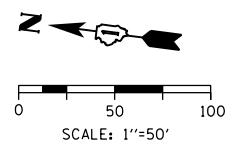
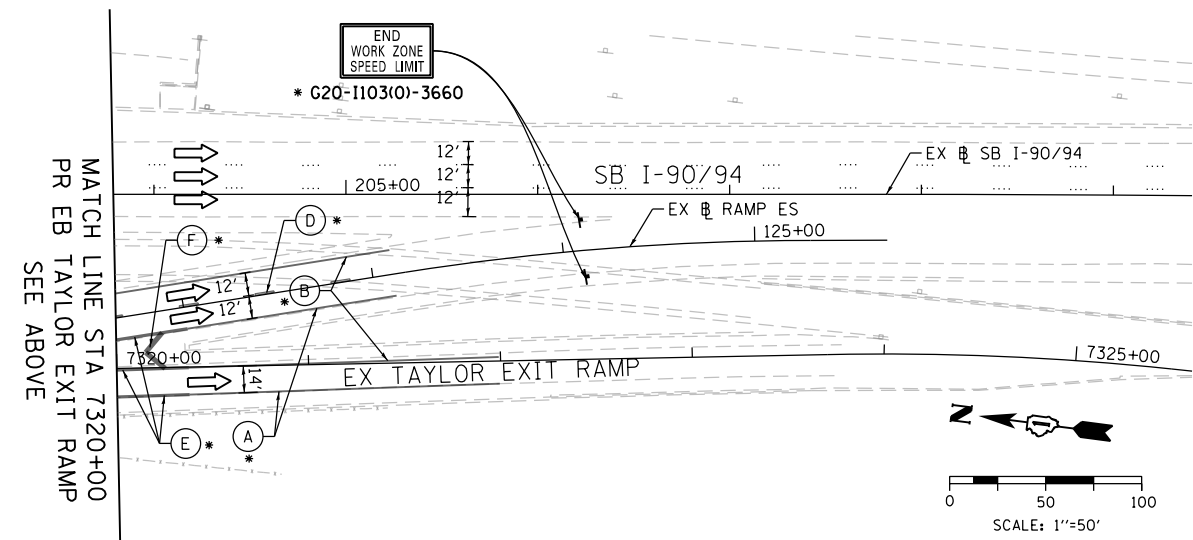
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
- (L) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)

**\*\* ALL TRAVEL LANES ON EB I-290 AND RAMP ES WEST OF HARRISON STREET SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACT 60X76. (CONTRACTOR COOPERATION REQUIRED).**

**TRAFFIC CONTROL LAYOUT INFORMATION**

STAGE 1C TRAFFIC CONTROL LAYOUT				
POINT	STATION	OFFSET	NOTE	BASELINE
1A	116+02.06	4.76' RT	BEGIN (C)	EX RAMP ES
1B	111+31.69	35.10' LT	BEGIN (B)	EX RAMP ES
1C	111+88.02	9.92' LT	END (B) AND BEGIN (E)	EX RAMP ES
1D	114+40.41	13.04' LT	END (E) AND BEGIN (D)	EX RAMP ES
1E	20+88.78	15.36' RT	BEGIN (E)	EX RAMP WS

- NOTES:**
- ALL TRAVEL LANES ON SB I-290 SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACT 60X76. (CONTRACTOR COOPERATION REQUIRED).
  - STATION AND OFFSETS ARE MEASURED FROM EX RAMP ES UNLESS OTHERWISE NOTED.



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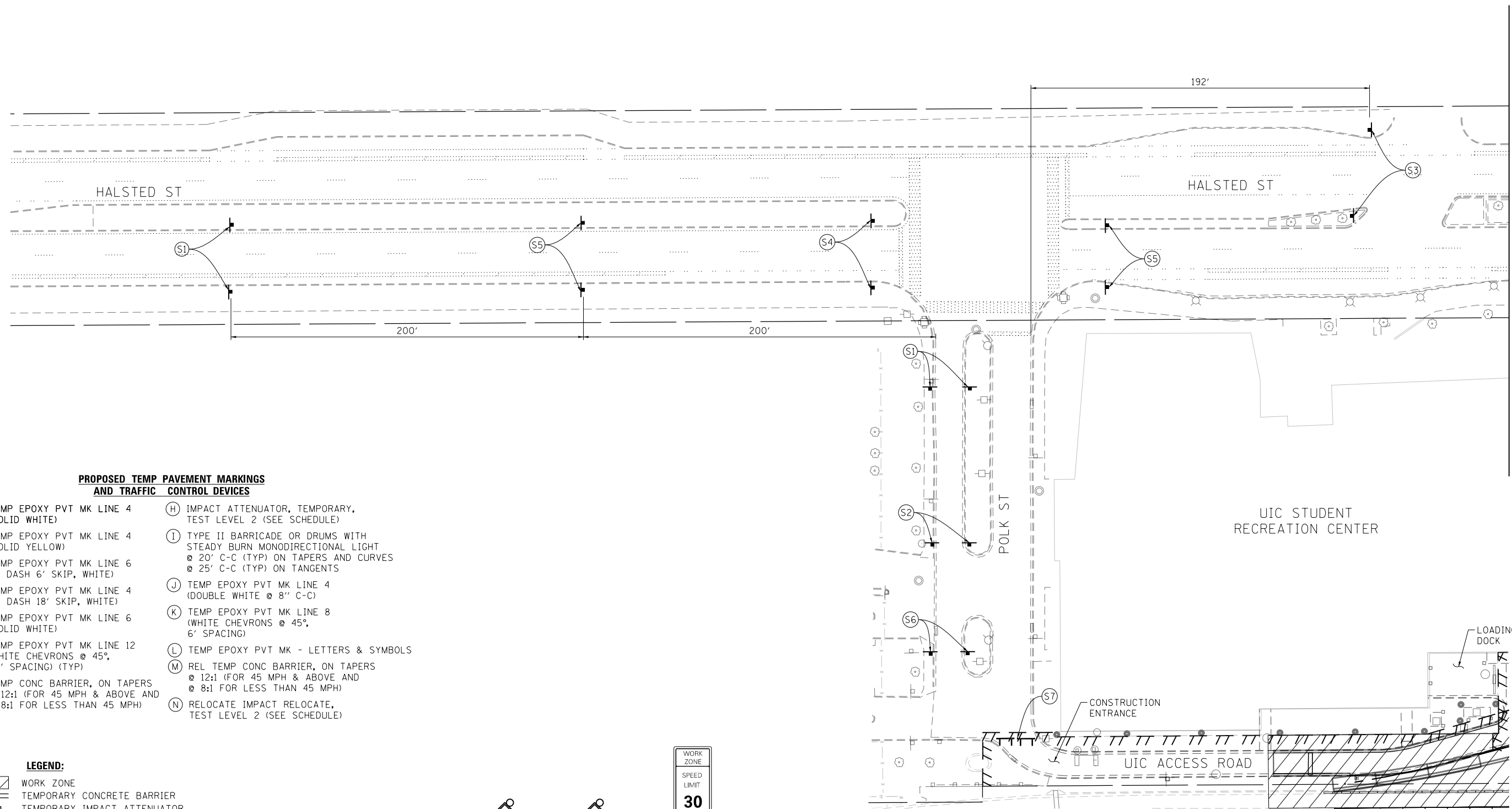
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL**  
**MAINLINE - STAGE 1C (EB I-290 TO SB I-90/94)**  
SCALE: 1"=50' SHEET 4 OF 4 SHEETS STA. 7306+00 TO STA. 7321+00

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-1	COOK	275	69
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

**NOTES:**

1. MAINTAIN UIC ACCESS ROAD FROM HALSTED STREET.
2. CONTRACTOR TO COORDINATE DELIVERIES TO LOADING DOCK AND GARBAGE COLLECTION WITH UIC (SEE GENERAL NOTES).



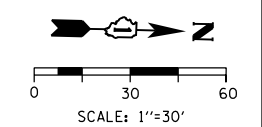
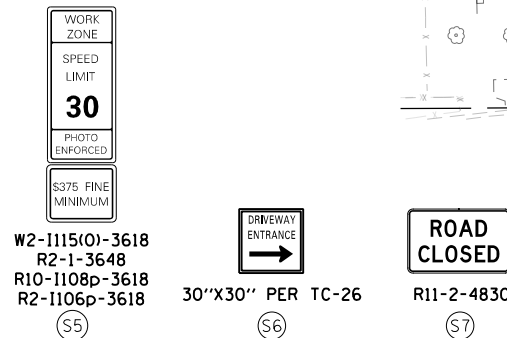
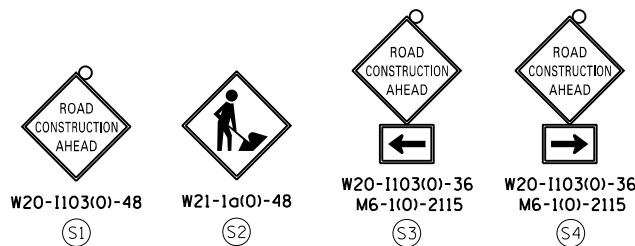
MATCH LINE "A"  
SEE SHEET NO. 71

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- |   |  |
|---|--|
| (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)  | (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 2 (SEE SCHEDULE)  |
| (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)   | (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 20' C-C (TYP) ON TAPERS AND CURVES @ 25' C-C (TYP) ON TANGENTS |
| (C) TEMP EPOXY PVT MK LINE 6 (2' DASH 6' SKIP, WHITE)                                       | (J) TEMP EPOXY PVT MK LINE 4 (DOUBLE WHITE @ 8" C-C)   |
| (D) TEMP EPOXY PVT MK LINE 4 (6' DASH 18' SKIP, WHITE)                                      | (K) TEMP EPOXY PVT MK LINE 8 (WHITE CHEVRONS @ 45°, 6' SPACING)  |
| (E) TEMP EPOXY PVT MK LINE 6 (SOLID WHITE)  | (L) TEMP EPOXY PVT MK - LETTERS & SYMBOLS  |
| (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 20' SPACING) (TYP)                     | (M) REL TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)  |
| (G) TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH) | (N) RELOCATE IMPACT RELOCATE, TEST LEVEL 2 (SEE SCHEDULE)  |

**LEGEND:**

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR, TEST LEVEL 2 (SEE SCHEDULE)
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- SIGN
- ARROW BOARD
- DETECTABLE PEDESTRIAN
- CHANNELIZING BARRICADE



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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
 LOCAL ROAD (HALSTED ST / HARRISON ST) - STAGE 1**

SCALE: 1" = 30' SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2015-022-1	COUNTY COOK	TOTAL SHEETS 275	SHEET NO. 70
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				



W20-1103(O)-48

(S1)



W21-1a(O)-48

(S2)



W20-1103(O)-36  
M6-1(O)-2115

(S3)



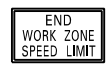
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(S4)



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R2-1-3648  
R10-1108p-3618  
R2-1106p-3618

(S5)



G20-1103(O)-6036

(S6)



30"X36"

(S7)



R11-1102-2430

(S8)



R11-1102-2430

(S9)



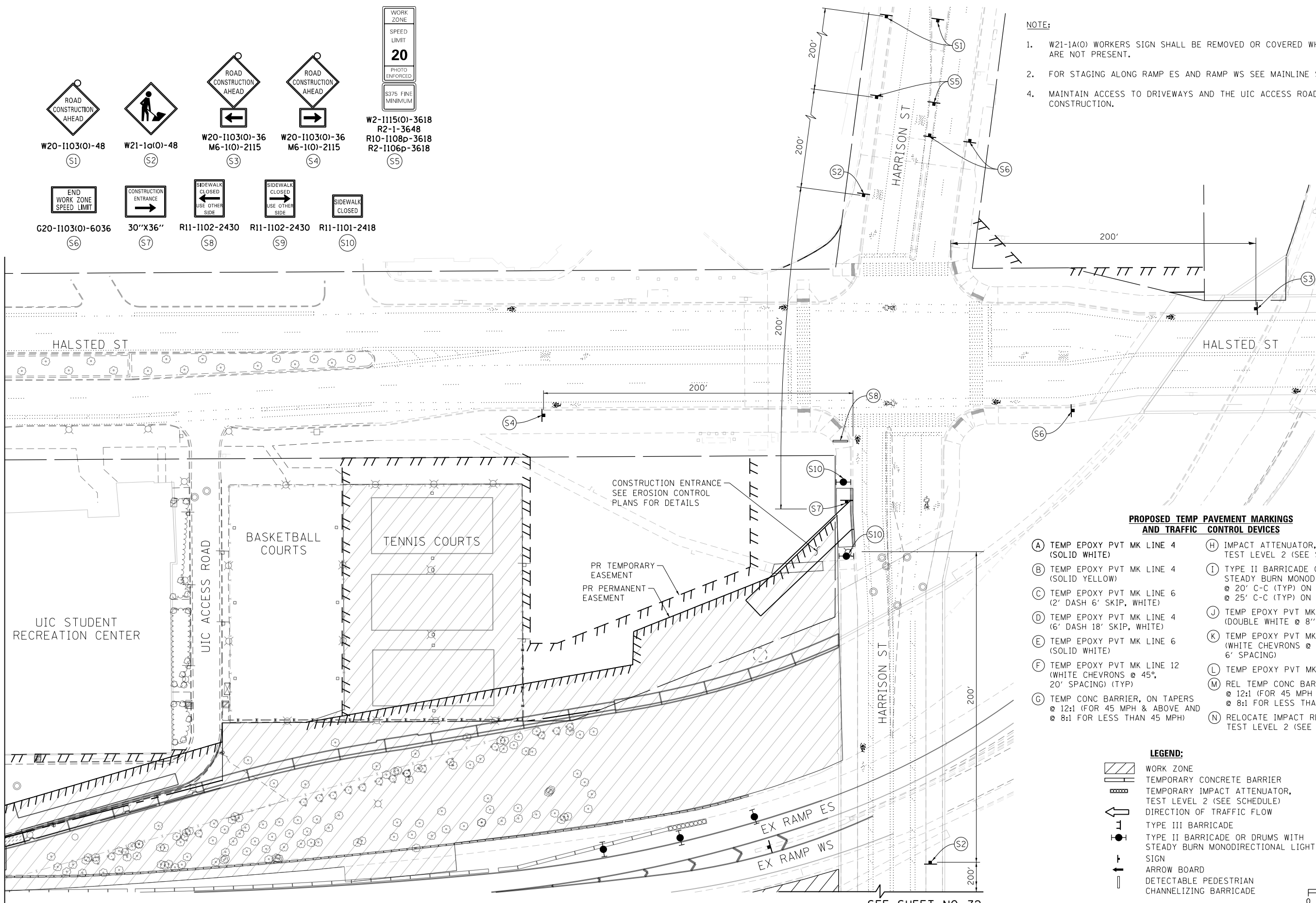
R11-1101-2418

(S10)

NOTE:

1. W21-1a(O) WORKERS SIGN SHALL BE REMOVED OR COVERED WHEN WORKERS ARE NOT PRESENT.
2. FOR STAGING ALONG RAMP ES AND RAMP WS SEE MAINLINE STAGING PLANS.
3. MAINTAIN ACCESS TO DRIVEWAYS AND THE UIC ACCESS ROAD THROUGHOUT CONSTRUCTION.

MATCH LINE "A"  
SEE SHEET NO. 70

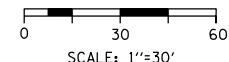


PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 6 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 4 (6' DASH 18' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 6 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 20' SPACING) (TYP)
- (G) TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
- (H) IMPACT ATTENUATOR, TEST LEVEL 2 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 20' C-C (TYP) ON TANGERS AND CURVES @ 25' C-C (TYP) ON TANGENTS
- (J) TEMP EPOXY PVT MK LINE 4 (DOUBLE WHITE @ 8" C-C)
- (K) TEMP EPOXY PVT MK LINE 8 (WHITE CHEVRONS @ 45°, 6' SPACING)
- (L) TEMP EPOXY PVT MK - LETTERS & SYMBOLS
- (M) REL TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
- (N) RELOCATE IMPACT RELOCATE, TEST LEVEL 2 (SEE SCHEDULE)

LEGEND:

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR, TEST LEVEL 2 (SEE SCHEDULE)
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT SIGN
- ARROW BOARD
- DETECTABLE PEDESTRIAN
- CHANNELIZING BARRICADE



SEE SHEET NO. 72

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DATE -	05/15/2017	REVISED -	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

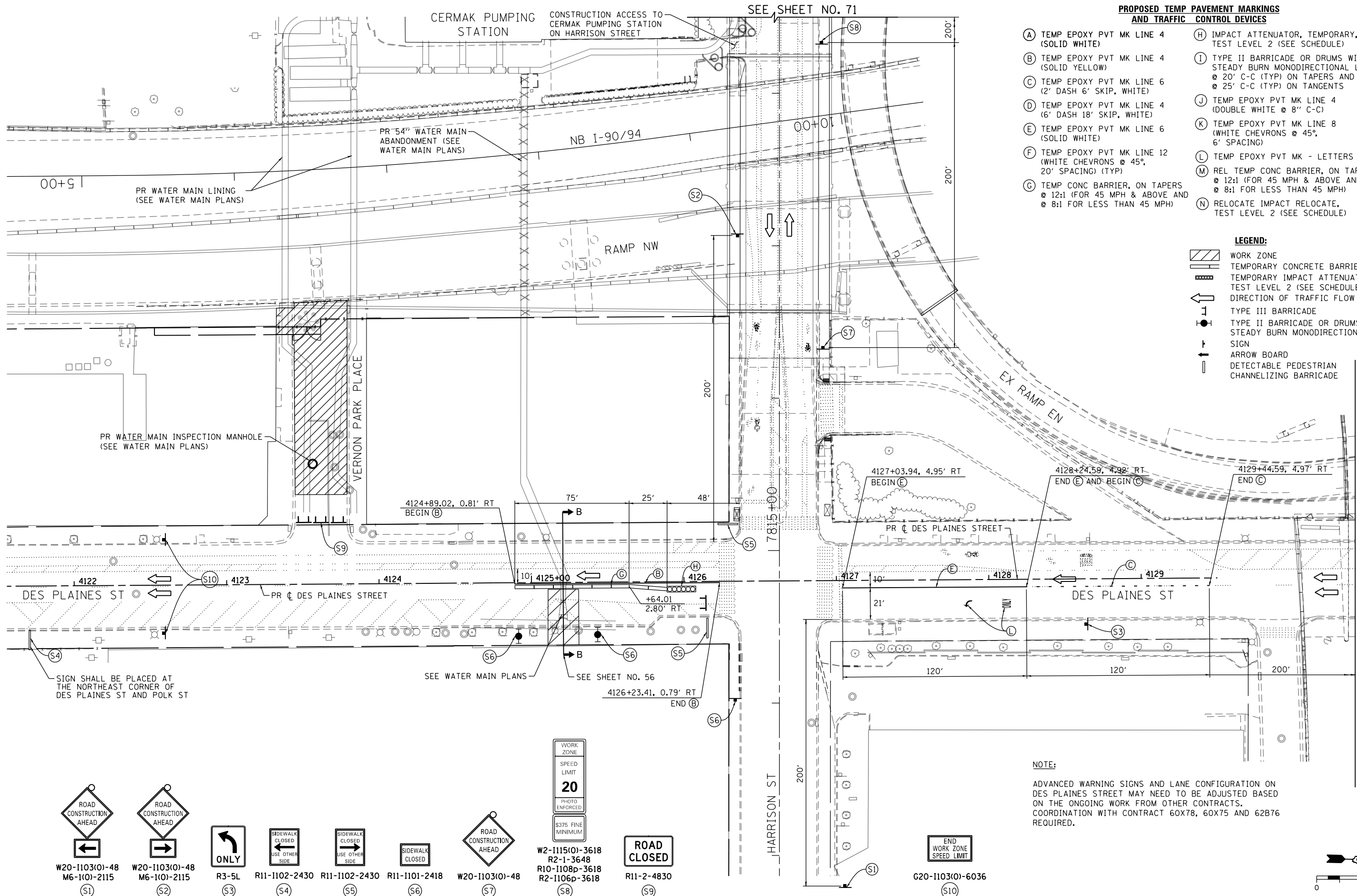
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
LOCAL ROAD (HALSTED ST / HARRISON ST) - STAGE 1

SCALE: 1"=30' SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-1	COOK	275	71
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				



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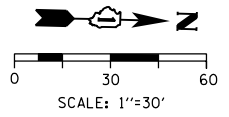
- PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
  - (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
  - (C) TEMP EPOXY PVT MK LINE 6 (2' DASH 6' SKIP, WHITE)
  - (D) TEMP EPOXY PVT MK LINE 4 (6' DASH 18' SKIP, WHITE)
  - (E) TEMP EPOXY PVT MK LINE 6 (SOLID WHITE)
  - (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 20' SPACING) (TYP)
  - (G) TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
  - (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 2 (SEE SCHEDULE)
  - (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 20' C-C (TYP) ON TAPERS AND CURVES @ 25' C-C (TYP) ON TANGENTS
  - (J) TEMP EPOXY PVT MK LINE 4 (DOUBLE WHITE @ 8" C-C)
  - (K) TEMP EPOXY PVT MK LINE 8 (WHITE CHEVRONS @ 45°, 6' SPACING)
  - (L) TEMP EPOXY PVT MK - LETTERS & SYMBOLS
  - (M) REL TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
  - (N) RELOCATE IMPACT RELOCATE, TEST LEVEL 2 (SEE SCHEDULE)

- LEGEND:**
- WORK ZONE
  - TEMPORARY CONCRETE BARRIER
  - TEMPORARY IMPACT ATTENUATOR, TEST LEVEL 2 (SEE SCHEDULE)
  - DIRECTION OF TRAFFIC FLOW
  - TYPE III BARRICADE
  - TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT SIGN
  - ARROW BOARD
  - DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

**NOTE:**  
 ADVANCED WARNING SIGNS AND LANE CONFIGURATION ON DES PLAINES STREET MAY NEED TO BE ADJUSTED BASED ON THE ONGOING WORK FROM OTHER CONTRACTS. COORDINATION WITH CONTRACT 60X78, 60X75 AND 62B76 REQUIRED.

Signage and traffic control details:

- (S1) ROAD CONSTRUCTION AHEAD (Left Arrow)
- (S2) ROAD CONSTRUCTION AHEAD (Right Arrow)
- (S3) ONLY (Right Arrow)
- (S4) SIDEWALK CLOSED (Left Side)
- (S5) SIDEWALK CLOSED (Right Side)
- (S6) SIDEWALK CLOSED
- (S7) ROAD CONSTRUCTION AHEAD
- (S8) SPEED LIMIT 20 (PHOTO ENFORCED, \$375 FINE MINIMUM)
- (S9) ROAD CLOSED
- (S10) END WORK ZONE SPEED LIMIT



D162A74-SHT-Staging-LR-STGI-03  
 USER NAME = PIMSARN0  
 PLOT SCALE = 60.0000' / in.  
 PLOT DATE = 5/15/2017

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DATE -	05/15/2017	REVISED -	

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
 LOCAL ROAD (DES PLAINES ST) - STAGE 1**

SCALE: 1"=30'    SHEET 3 OF 4 SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-I	COOK	275	72
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

**NOTE:**

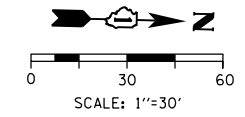
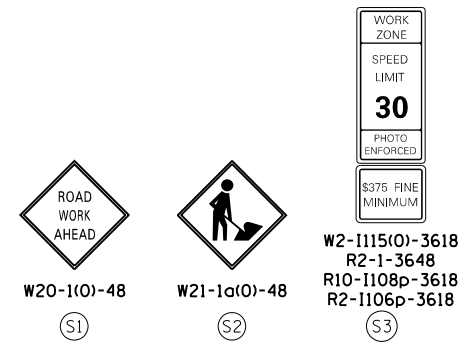
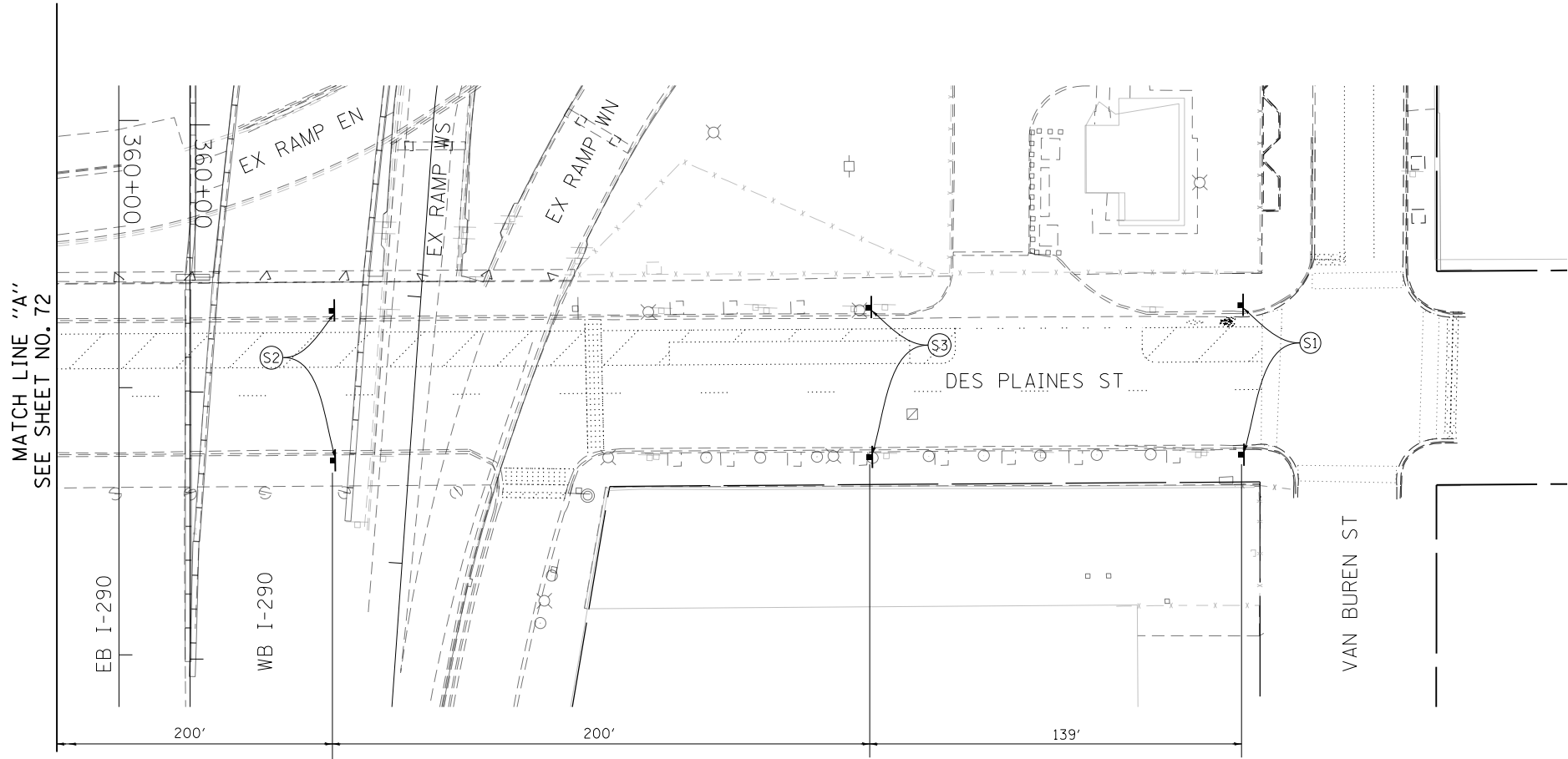
1. W21-1A(0) WORKERS SIGN SHALL BE REMOVED OR COVERED WHEN WORKERS ARE NOT PRESENT.
2. ADVANCED WARNING SIGNS AND LANE CONFIGURATION MAY NEED TO BE ADJUSTED BASED ON THE ONGOING WORK FROM OTHER CONTRACTS. COORDINATION WITH CONTRACT 60X78, 60X75 AND 62B76 REQUIRED.

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- |   |  |
|---|--|
| (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)  | (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 2 (SEE SCHEDULE)  |
| (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)   | (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 20' C-C (TYP) ON TAPERS AND CURVES @ 25' C-C (TYP) ON TANGENTS |
| (C) TEMP EPOXY PVT MK LINE 6 (2' DASH 6' SKIP, WHITE)                                       | (J) TEMP EPOXY PVT MK LINE 4 (DOUBLE WHITE @ 8" C-C)   |
| (D) TEMP EPOXY PVT MK LINE 4 (6' DASH 18' SKIP, WHITE)                                      | (K) TEMP EPOXY PVT MK LINE 8 (WHITE CHEVRONS @ 45°, 6' SPACING)  |
| (E) TEMP EPOXY PVT MK LINE 6 (SOLID WHITE)  | (L) TEMP EPOXY PVT MK - LETTERS & SYMBOLS  |
| (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 20' SPACING) (TYP)                     | (M) REL TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)  |
| (G) TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH) | (N) RELOCATE IMPACT RELOCATE, TEST LEVEL 2 (SEE SCHEDULE)  |

**LEGEND:**

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR, TEST LEVEL 2 (SEE SCHEDULE)
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT SIGN
- ARROW BOARD
- DETECTABLE PEDESTRIAN
- CHANNELIZING BARRICADE



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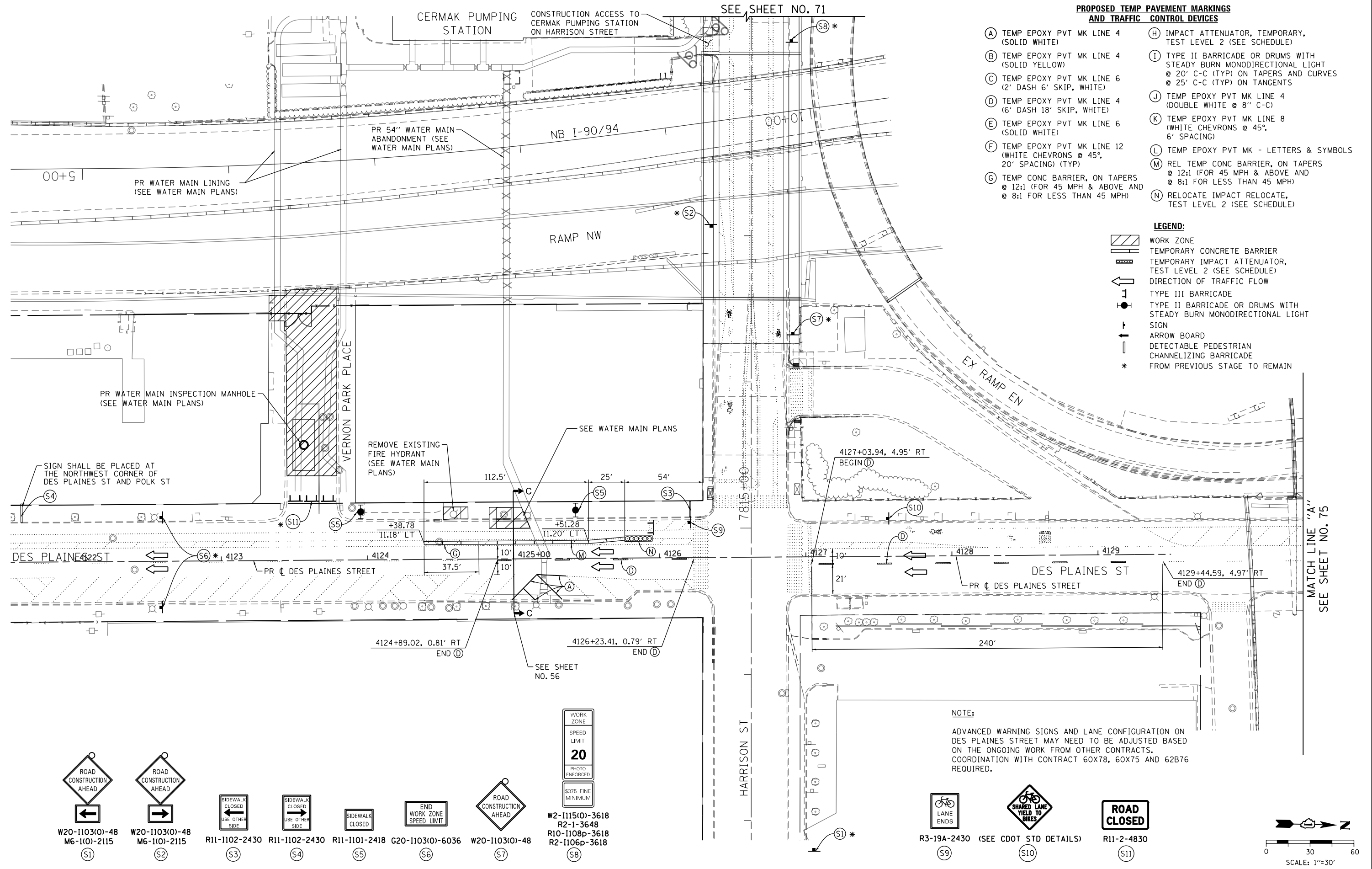
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
LOCAL ROAD (DES PLAINES ST) - STAGE 1**

SCALE: 1" = 30'    SHEET 4 OF 4 SHEETS    STA.    TO STA.

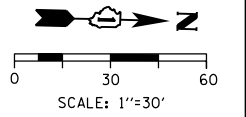
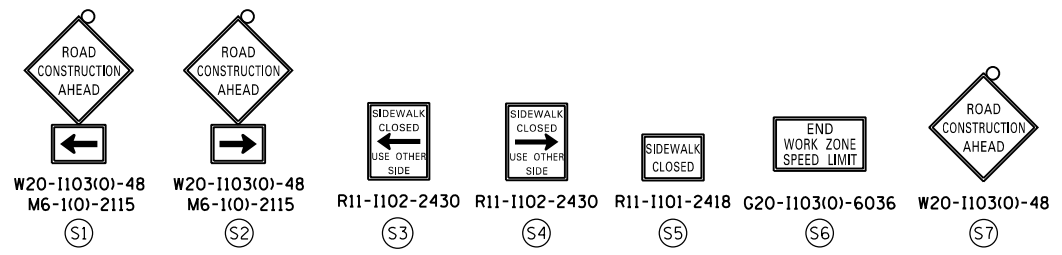
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-1	COOK	275	73
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

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- 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 6 (2' DASH 6' SKIP, WHITE)
  - (D) TEMP EPOXY PVT MK LINE 4 (6' DASH 18' SKIP, WHITE)
  - (E) TEMP EPOXY PVT MK LINE 6 (SOLID WHITE)
  - (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 20' SPACING) (TYP)
  - (G) TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
  - (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 2 (SEE SCHEDULE)
  - (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 20' C-C (TYP) ON TAPERS AND CURVES @ 25' C-C (TYP) ON TANGENTS
  - (J) TEMP EPOXY PVT MK LINE 4 (DOUBLE WHITE @ 8" C-C)
  - (K) TEMP EPOXY PVT MK LINE 8 (WHITE CHEVRONS @ 45°, 6' SPACING)
  - (L) TEMP EPOXY PVT MK - LETTERS & SYMBOLS
  - (M) REL TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)
  - (N) RELOCATE IMPACT RELOCATE, TEST LEVEL 2 (SEE SCHEDULE)
- LEGEND:**
- [Hatched Box] WORK ZONE
  - [Dashed Line] TEMPORARY CONCRETE BARRIER
  - [Dotted Line] TEMPORARY IMPACT ATTENUATOR, TEST LEVEL 2 (SEE SCHEDULE)
  - [Arrow] DIRECTION OF TRAFFIC FLOW
  - [T-Bar] TYPE III BARRICADE
  - [Light Symbol] TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT SIGN
  - [Arrow Board] ARROW BOARD
  - [Dashed Line] DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE
  - [\*] FROM PREVIOUS STAGE TO REMAIN

**NOTE:**  
 ADVANCED WARNING SIGNS AND LANE CONFIGURATION ON DES PLAINES STREET MAY NEED TO BE ADJUSTED BASED ON THE ONGOING WORK FROM OTHER CONTRACTS. COORDINATION WITH CONTRACT 60X78, 60X75 AND 62B76 REQUIRED.



D162A74-SHT-Staging-LR-STG1-05  
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 PLOT DATE = 5/15/2017

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 DATE - 05/15/2017

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL**  
**LOCAL ROAD (DES PLAINES ST) - STAGE 2**

SCALE: 1"=30'    SHEET 1 OF 2 SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-I	COOK	275	74
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

**PROPOSED TEMP PAVEMENT MARKINGS  
AND TRAFFIC CONTROL DEVICES**

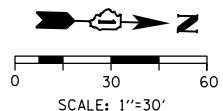
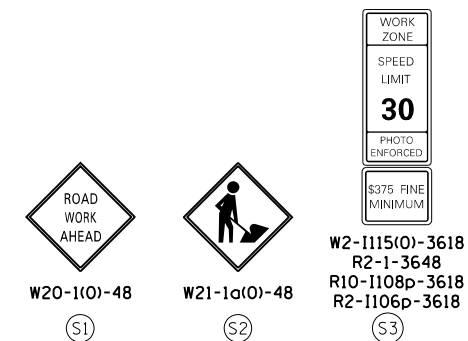
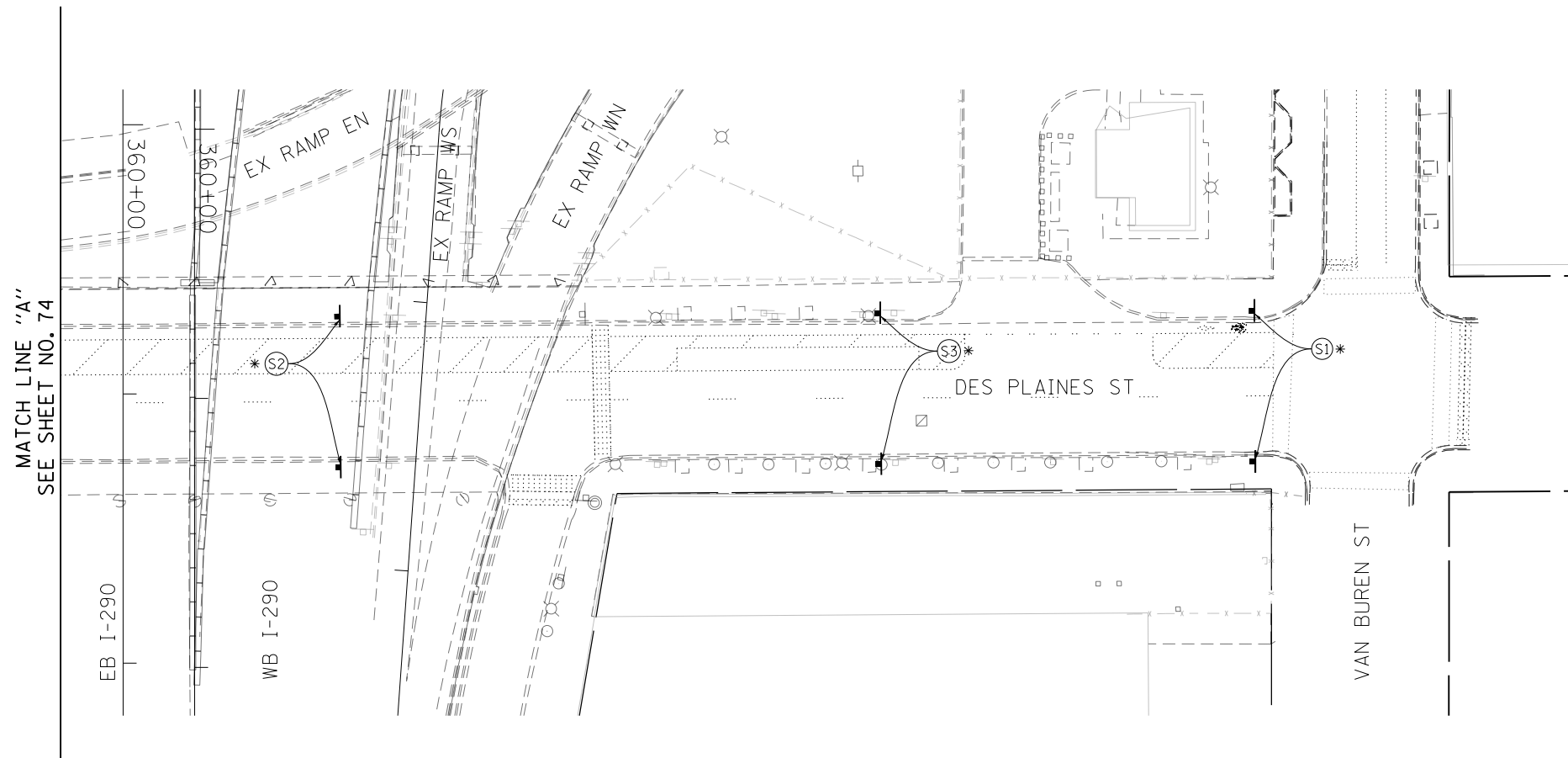
**NOTE:**

1. W21-1A(0) WORKERS SIGN SHALL BE REMOVED OR COVERED WHEN WORKERS ARE NOT PRESENT.
2. ADVANCED WARNING SIGNS AND LANE CONFIGURATION MAY NEED TO BE ADJUSTED BASED ON THE ONGOING WORK FROM OTHER CONTRACTS. COORDINATION WITH CONTRACT 60X78, 60X75 AND 62B76 REQUIRED.

- |   |  |
|---|--|
| (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)  | (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 2 (SEE SCHEDULE)  |
| (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)   | (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 20' C-C (TYP) ON TAPERS AND CURVES @ 25' C-C (TYP) ON TANGENTS |
| (C) TEMP EPOXY PVT MK LINE 6 (2' DASH 6' SKIP, WHITE)                                       | (J) TEMP EPOXY PVT MK LINE 4 (DOUBLE WHITE @ 8" C-C)   |
| (D) TEMP EPOXY PVT MK LINE 4 (6' DASH 18' SKIP, WHITE)                                      | (K) TEMP EPOXY PVT MK LINE 8 (WHITE CHEVRONS @ 45°, 6' SPACING)  |
| (E) TEMP EPOXY PVT MK LINE 6 (SOLID WHITE)  | (L) TEMP EPOXY PVT MK - LETTERS & SYMBOLS  |
| (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 20' SPACING) (TYP)                     | (M) REL TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH)  |
| (G) TEMP CONC BARRIER, ON TAPERS @ 12:1 (FOR 45 MPH & ABOVE AND @ 8:1 FOR LESS THAN 45 MPH) | (N) RELOCATE IMPACT RELOCATE, TEST LEVEL 2 (SEE SCHEDULE)  |

**LEGEND:**

- |   |  |
|---|--|
|   | WORK ZONE  |
|   | TEMPORARY CONCRETE BARRIER   |
|   | TEMPORARY IMPACT ATTENUATOR, TEST LEVEL 2 (SEE SCHEDULE)               |
|   | DIRECTION OF TRAFFIC FLOW  |
|   | TYPE III BARRICADE   |
|   | TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT SIGN |
|   | ARROW BOARD  |
|   | DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE                           |
| * | FROM PREVIOUS STAGE TO REMAIN  |



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 CHECKED - MJE  
 DATE - 05/15/2017

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
LOCAL ROAD (DES PLAINES ST) - STAGE 2**







SCALE: 1" = 30' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-1	COOK	275	75
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				



## EROSION CONTROL GENERAL NOTES

1. THE CONSTRUCTION LIMITS WILL BE STAKED AND APPROVED BY THE ENGINEER PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE TREES AND NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR CHANGES IN CONSTRUCTION LIMITS.
2. EROSION CONTROL ITEMS ARE CONSIDERED HIGH PRIORITY ITEMS IN THIS CONTRACT. THE CONTRACTOR WILL IMPLEMENT ALL PROVISIONS OF SPECIFICATION NECESSARY TO ASSURE THAT EROSION CONTROL ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY MANNER. THE CONTRACTOR SHALL INSTALL TEMPORARY EROSION CONTROL MEASURES PRIOR TO THE START OF CONSTRUCTION OPERATIONS WHICH WILL POTENTIALLY CREATE ERODIBLE CONDITIONS. PLACEMENT AND MAINTENANCE OF TEMPORARY EROSION CONTROL SYSTEMS WILL BE UTILIZED THROUGHOUT THE CONSTRUCTION LIMITS.
3. THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.
4. TEMPORARY EROSION CONTROL MEASURES SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. THE WORK SHALL BE COMPLETED IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS, CONTRACT SPECIAL PROVISIONS AND THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP).
5. ALL EROSION CONTROL MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES.
6. THE CONTRACTOR SHALL UTILIZE THE GENERAL MAINTENANCE GUIDELINES AS OUTLINED IN THE SWPPP TO ENSURE GOOD AND EFFECTIVE OPERATING CONDITION OF THE VEGETATION AND EROSION AND SEDIMENT CONTROL MEASURES.
7. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON SITE. ALL CHANGES TO THE SOIL EROSION AND SEDIMENT CONTROL PLAN SHALL BE NOTED ON THE SITE.
8. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN HIGHWAY STANDARD 280001. STRAW BALES OR SILT FENCE SHALL NOT BE ALLOWED FOR INLET FILTERS.
9. THE EROSION CONTROL MEASURES SHOWN ARE BUT A GRAPHICAL REPRESENTATION OF SUGGESTED MEASURES. DEVIATIONS FROM THIS PLAN ARE TO BE EXPECTED PENDING A JOBSITE INSPECTION BETWEEN THE CONTRACTOR AND THE DEPARTMENT.
10. THE CONTRACTOR WILL BE REQUIRED TO IMPLEMENT AND MAINTAIN SEDIMENT CONTROL MEASURES PRIOR TO STRIPPING EXISTING VEGETATION.
11. THE CONTRACTOR SHALL INSPECT ALL EROSION AND SEDIMENT CONTROL MEASURES WEEKLY AND AFTER EACH RAINFALL, 0.5 INCHES OR GREATER IN A 24 HOUR PERIOD, OR EQUIVALENT SNOWFALL. ADDITIONALLY DURING WINTER MONTHS, ALL MEASURES SHOULD BE CHECKED AFTER EACH SIGNIFICANT SNOWMELT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF SAID MEASURES SHALL BE MADE IMMEDIATELY.
12. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPROVED PER SUB-STAGE AS SOON AS ROUGH GRADING IS ACTIVE IN A SECTION. STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN 1 WORKING DAY OF TEMPORARY OR PERMANENT CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NO LATER THAN 14 DAYS FROM THE INITIATION OF STABILIZATION OF WORK IN AN AREA.
13. MULCH, METHOD 2 AND SURFACE ROUGHENING SHALL BE USED FOR TEMPORARY STABILIZATION DURING WINTER IN ADDITION TO TEMPORARY EROSION CONTROL SEEDING WHEN GRADING WILL OCCUR WHILE THE GROUND IS SNOW COVERED WHEN TEMPORARY SEED WILL NOT GERMINATE AND PROVIDE EROSION CONTROL PROTECTION UNTIL THE FOLLOWING SPRING.
14. ANY AREA WHERE THERE IS NO PROPOSED GRADING, THE EXISTING GROUND COVER SHALL REMAIN.
15. TEMPORARY STOCKPILE LOCATIONS SHALL BE APPROVED BY THE ENGINEER AND WILL REQUIRE SILT FENCE AND TEMPORARY SEEDING.
16. THE CONTRACTOR SHALL INSTALL AND MAINTAIN INLET FILTERS AT ALL EXISTING INLETS ADJACENT TO THE EDGE OF PAVEMENT PRIOR TO THE START OF PRE-STAGE WORK. THE INLET FILTERS SHALL BE MAINTAINED AT EACH SUBSEQUENT STAGE UNTIL NO LONGER REQUIRED OR AS DIRECTED BY THE ENGINEER.
17. THE CONTRACTOR SHALL IMMEDIATELY INSTALL AND MAINTAIN INLET FILTERS AT ALL NEW OPEN LID INLETS AND DRAINAGE STRUCTURES. THE INLET FILTERS SHALL BE MAINTAINED AT EACH SUBSEQUENT STAGE UNTIL COMPLETION OF STAGING OR UNTIL NO LONGER REQUIRED.
18. DURING CONSTRUCTION OPERATIONS, WHEN ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY.
19. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS.
20. THE CONTRACTOR SHOULD PROVIDE TO THE RESIDENT ENGINEER A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THE USE OF A STABILIZED FLOW LINE BETWEEN INSTALLED STORM SEWER AND OPEN DISTURBANCE WILL REDUCE THE POTENTIAL FOR THE OFFSITE DISCHARGE OF SEDIMENT-BEARING WATERS, ESPECIALLY WHEN RAIN IS FORECASTED, SO THAT FLOW WILL NOT ERODE. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.
21. LOCATIONS OF THE STABILIZED CONSTRUCTION ENTRANCE/EXITS SHALL BE AS SUGGESTED PER PLANS OR AS APPROVED BY THE ENGINEER. THE INSTALLATION OF THE CONSTRUCTION ENTRANCE/EXITS SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL OR AS DIRECTED BY THE ENGINEER.
22. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INSTALLED ON ALL AREAS DISTURBED DURING EACH STAGE OF CONSTRUCTION PRIOR TO SWITCHING TRAFFIC TO BEGIN THE SUBSEQUENT STAGE. ALSO, ALL EROSION CONTROL MEASURES PLACED DURING CONSTRUCTION SHALL REMAIN IN PLACE AND BE MAINTAINED UNTIL COMPLETION OF THE FINAL STAGE OF CONSTRUCTION OR WHEN NO LONGER REQUIRED.
23. FOR PERMANENT EROSION CONTROL, THE CONTRACTOR SHALL PLACE TOPSOIL SO THAT IT HAS A BOND WITH THE EXISTING SURFACE TO WHICH IT IS APPLIED, IT SHALL BE DISKED OR RAKED OR OTHERWISE BROKEN UP IF NECESSARY TO PROVIDE SUCH BOND. EXISTING DRAINAGE PATTERNS SHALL BE MAINTAINED AND EXISTING STRUCTURE RIMS SHALL NOT BE COVERED. EXISTING VEGETATION SHALL NOT BE COVERED.
24. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDDED AT ONE TIME.
25. THE CONTRACTOR SHALL COORDINATE OVERLAPPING WORK AREAS, SEQUENCING OF CONSTRUCTION, AND THE PLACEMENT AND MAINTENANCE OF EROSION CONTROL MEASURES WITH ADJACENT CONTRACT(S) AND AT THE DIRECTION OF THE ENGINEER.

## TEMPORARY EROSION CONTROL LEGEND

-  INLET FILTER
-  PERIMETER EROSION BARRIER
-  MULCH, METHOD 2  
TEMPORARY EROSION CONTROL SEEDING OR  
SURFACE ROUGHENING (SEE NOTE 13)
-  STABILIZED CONSTRUCTION ENTRANCE
-  TEMPORARY DITCH CHECKS
-  PROTECTION OF EXISTING TREES  
(PAID FOR AS TEMPORARY FENCE, TREE TRUNK PROTECTION  
AND TREE PRUNING)

## PERMANENT EROSION CONTROL LEGEND

-  EROSION CONTROL BLANKET  
SEEDING, CLASS 2A  
NITROGEN FERTILIZER NUTRIENT  
POTASSIUM FERTILIZER NUTRIENT  
TOPSOIL FURNISH AND PLACE, 4"
-  SODDING, SALT TOLERANT  
TOPSOIL FURNISH AND PLACE, 6"  
NITROGEN FERTILIZER NUTRIENT  
POTASSIUM FERTILIZER NUTRIENT  
SUPPLEMENTAL WATERING

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DESIGNED - AFC  
 DRAWN - AFC  
 CHECKED - MJE  
 DATE - 05/15/2017

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EROSION CONTROL GENERAL NOTES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-1	COOK	275	76
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

**TEMPORARY EROSION CONTROL SCHEDULE**

STAGES	TEMPORARY FENCE	TREE TRUNK PROTECTION	TREE PRUNING (OVER 10 INCH DIAMETER)	MULCH, METHOD 2	TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET FILTERS	STABILIZED CONSTRUCTION ENTRANCE	DUST CONTROL WATERING
	FOOT	EACH	EACH	ACRE	POUND	FOOT	FOOT	EACH	SQ YD	UNIT
STAGE 1	40	2	2	1.35	3650	77	2056	19	102	23
ROUNDED TOTAL	40	2	2	1.50	3650	77	2056	19	102	23

**INLET FILTERS SCHEDULE (STAGE 1)  
FOR INFORMATION ONLY**

LOCATION		ALIGNMENT	AMOUNT
STATION	OFFSET		(EACH)
7309+05.11	61.3' LT	P-TAY-ES	1
7309+05.53	50.3' LT	P-TAY-ES	1
7309+80.69	78.3' RT	P-TAY-ES	1
7310+25.64	54.0' LT	P-TAY-ES	1
7310+26.59	66.0' LT	P-TAY-ES	1
111+85.12	39.9' LT	E-CIR-ES	1
9+00.76	23.1' LT	E-KDR-SB	1
7310+49.91	26.8' RT	P-TAY-ES	1
7310+51.27	38.8' RT	P-TAY-ES	1
7310+74.96	24.0' LT	P-TAY-ES	1
7310+90.90	64.6' LT	P-TAY-ES	1
7312+51.37	63.2' LT	P-TAY-ES	1
7313+45.88	56.3' LT	P-TAY-ES	1
7316+42.62	0.4' RT	P-TAY-ES	1
7317+39.88	14.4' RT	P-TAY-ES	1
31+03.81	8.5' LT	P-UIC-CL	1
31+99.48	5.7' LT	P-UIC-CL	1
31+98.99	4.7' LT	P-UIC-CL	1
34+07.57	5.4' LT	P-UIC-CL	1
TOTAL			19

**PERMANENT EROSION CONTROL SCHEDULE**

PERMANENT CONDITION	TOPSOIL FURNISH AND PLACE, 4"	TOPSOIL FURNISH AND PLACE, 6"	SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	EROSION CONTROL BLANKET	SODDING, SALT TOLERANT	SUPPLEMENTAL WATERING
	SQ YD	SQ YD	ACRE	POUND	POUND	SQ YD	SQ YD	UNIT
PERMANENT CONDITION	4489	1926	0.93	108	108	4489	1926	97
ROUNDED TOTAL	4489	1926	1.00	108	108	4489	1926	97

**TEMPORARY DITCH CHECKS SCHEDULE (STAGE 1)  
FOR INFORMATION ONLY**

LOCATION		ALIGNMENT	LENGTH
STATION	OFFSET		(FOOT)
7313+38.00	10.9' LT	P-TAY-ES	17
7313+97.00	7.8' LT	P-TAY-ES	16
7314+34.50	7.7' LT	P-TAY-ES	18
7314+75.00	7.8' LT	P-TAY-ES	26
TOTAL			77

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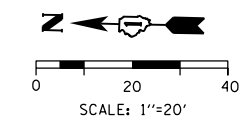
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EROSION CONTROL SCHEDULE








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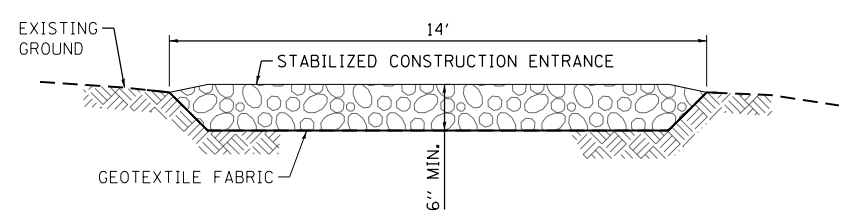
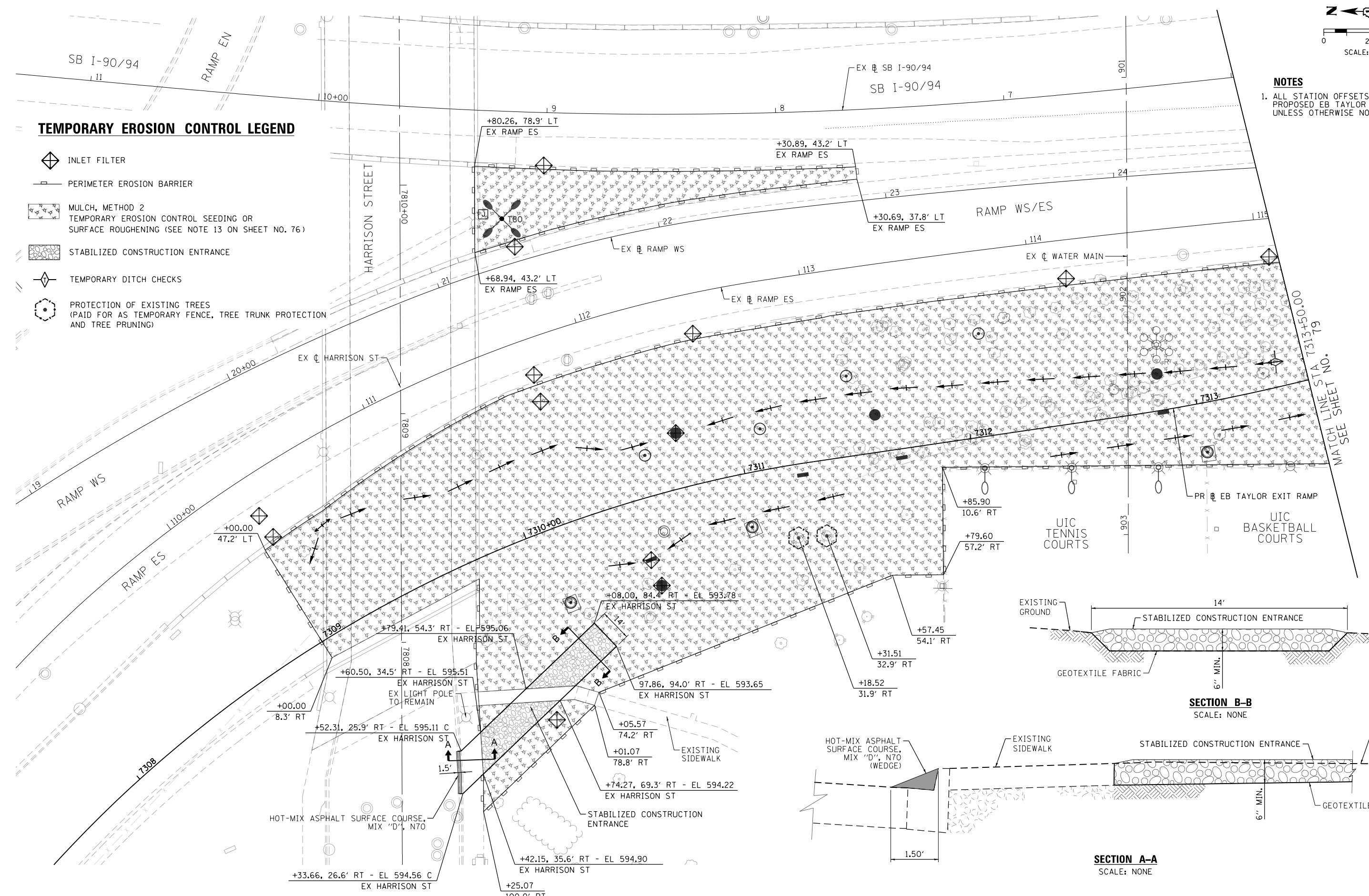
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-1	COOK	275	77
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				



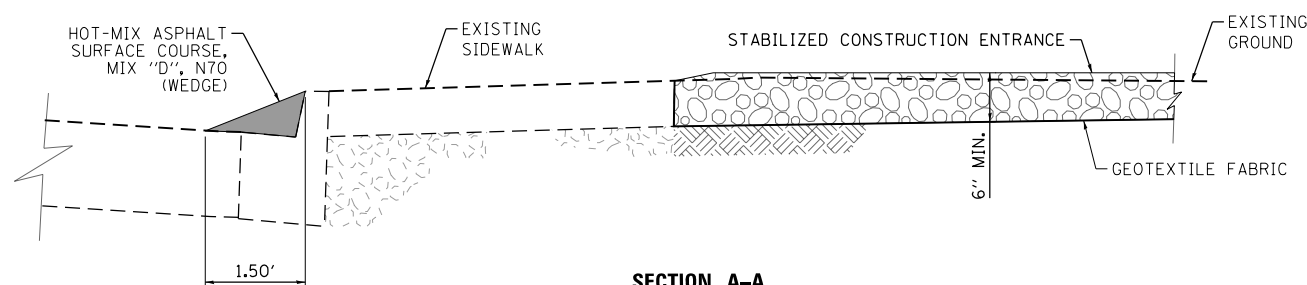
**NOTES**  
 1. ALL STATION OFFSETS ARE FROM PROPOSED EB TAYLOR EXIT RAMP UNLESS OTHERWISE NOTED.

**TEMPORARY EROSION CONTROL LEGEND**

-  INLET FILTER
-  PERIMETER EROSION BARRIER
-  MULCH, METHOD 2
-  TEMPORARY EROSION CONTROL SEEDING OR SURFACE ROUGHENING (SEE NOTE 13 ON SHEET NO. 76)
-  STABILIZED CONSTRUCTION ENTRANCE
-  TEMPORARY DITCH CHECKS
-  PROTECTION OF EXISTING TREES (PAID FOR AS TEMPORARY FENCE, TREE TRUNK PROTECTION AND TREE PRUNING)



**SECTION B-B**  
SCALE: NONE



**SECTION A-A**  
SCALE: NONE

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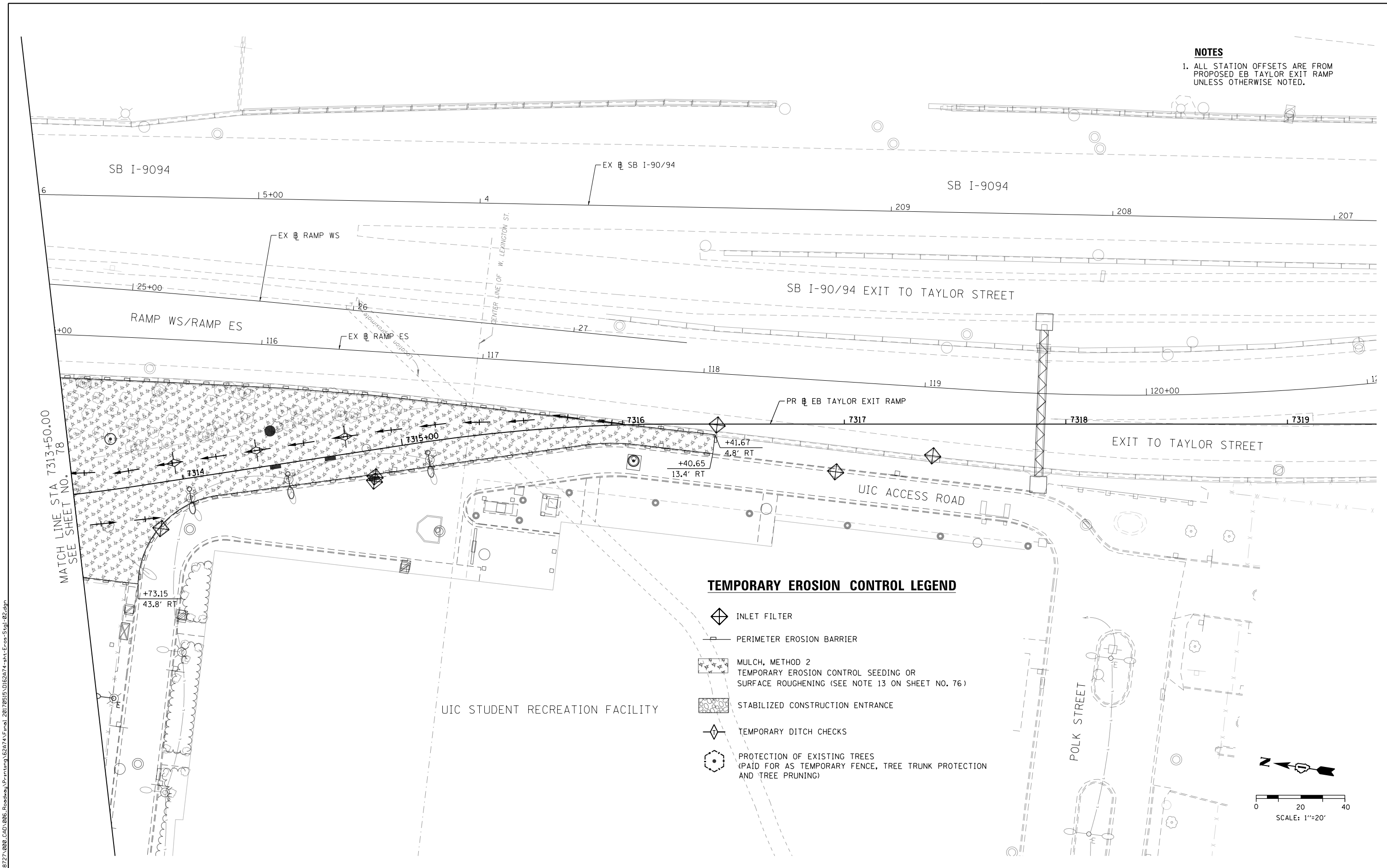
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENTATION CONTROL PLAN  
 STAGE 1**

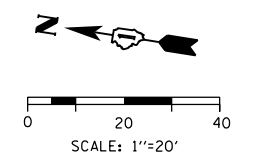
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F.A.I. RTE. 90/94/290	SECTION 2015-022-1	COUNTY COOK	TOTAL SHEETS 275	SHEET NO. 78
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

**NOTES**  
 1. ALL STATION OFFSETS ARE FROM PROPOSED EB TAYLOR EXIT RAMP UNLESS OTHERWISE NOTED.



- TEMPORARY EROSION CONTROL LEGEND**
- INLET FILTER
  - PERIMETER EROSION BARRIER
  - MULCH, METHOD 2  
TEMPORARY EROSION CONTROL SEEDING OR SURFACE ROUGHENING (SEE NOTE 13 ON SHEET NO. 76)
  - STABILIZED CONSTRUCTION ENTRANCE
  - TEMPORARY DITCH CHECKS
  - PROTECTION OF EXISTING TREES (PAID FOR AS TEMPORARY FENCE, TREE TRUNK PROTECTION AND TREE PRUNING)



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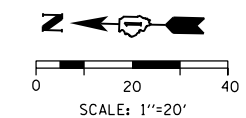
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DATE - 05/15/2017	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENTATION CONTROL PLAN  
 STAGE 1**  
 SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2015-022-1	COUNTY COOK	TOTAL SHEETS 275	SHEET NO. 79
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

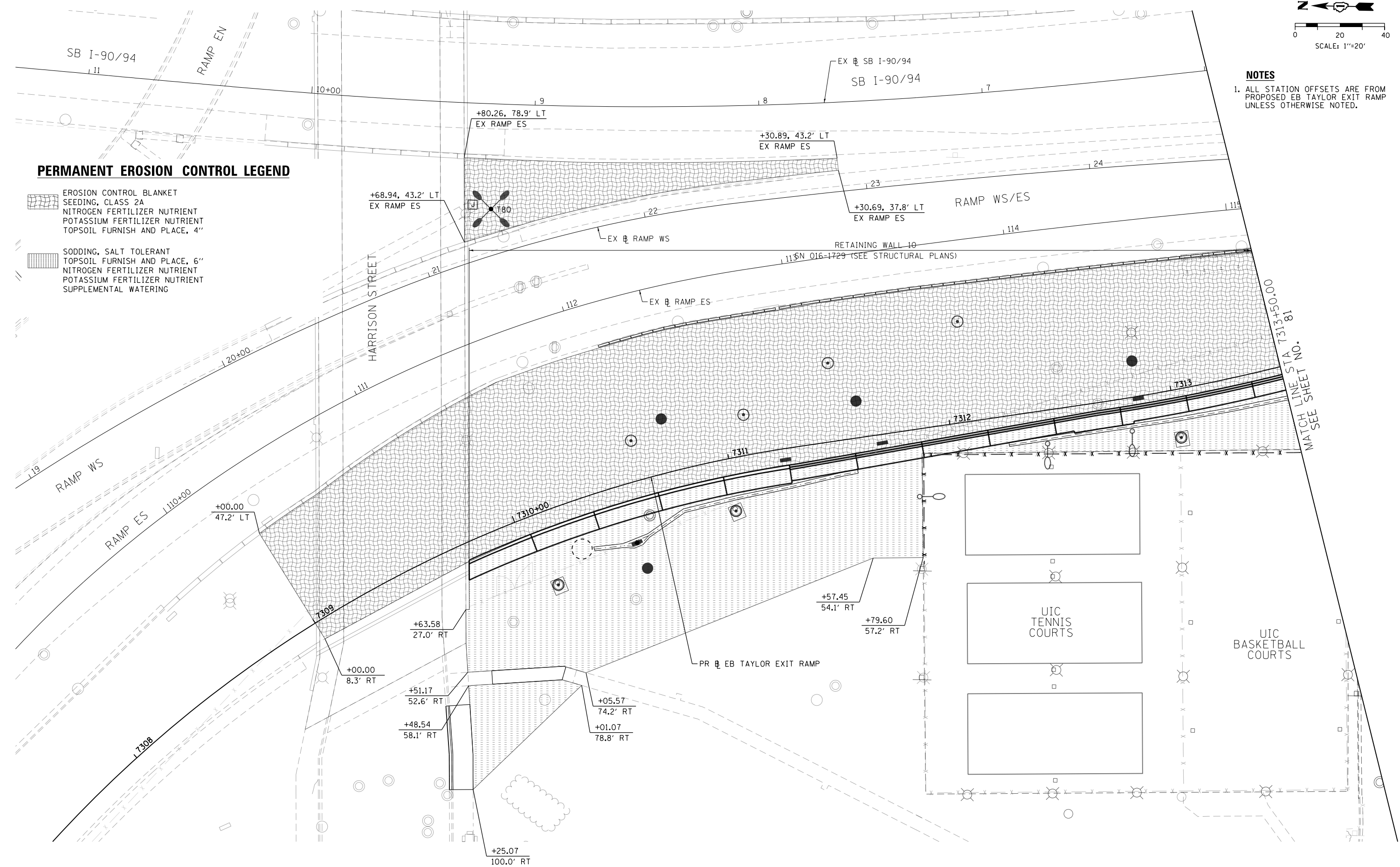




**NOTES**  
 1. ALL STATION OFFSETS ARE FROM PROPOSED EB TAYLOR EXIT RAMP UNLESS OTHERWISE NOTED.

**PERMANENT EROSION CONTROL LEGEND**

- EROSION CONTROL BLANKET SEEDING, CLASS 2A NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT TOPSOIL FURNISH AND PLACE, 4"
- SODDING, SALT TOLERANT TOPSOIL FURNISH AND PLACE, 6" NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT SUPPLEMENTAL WATERING



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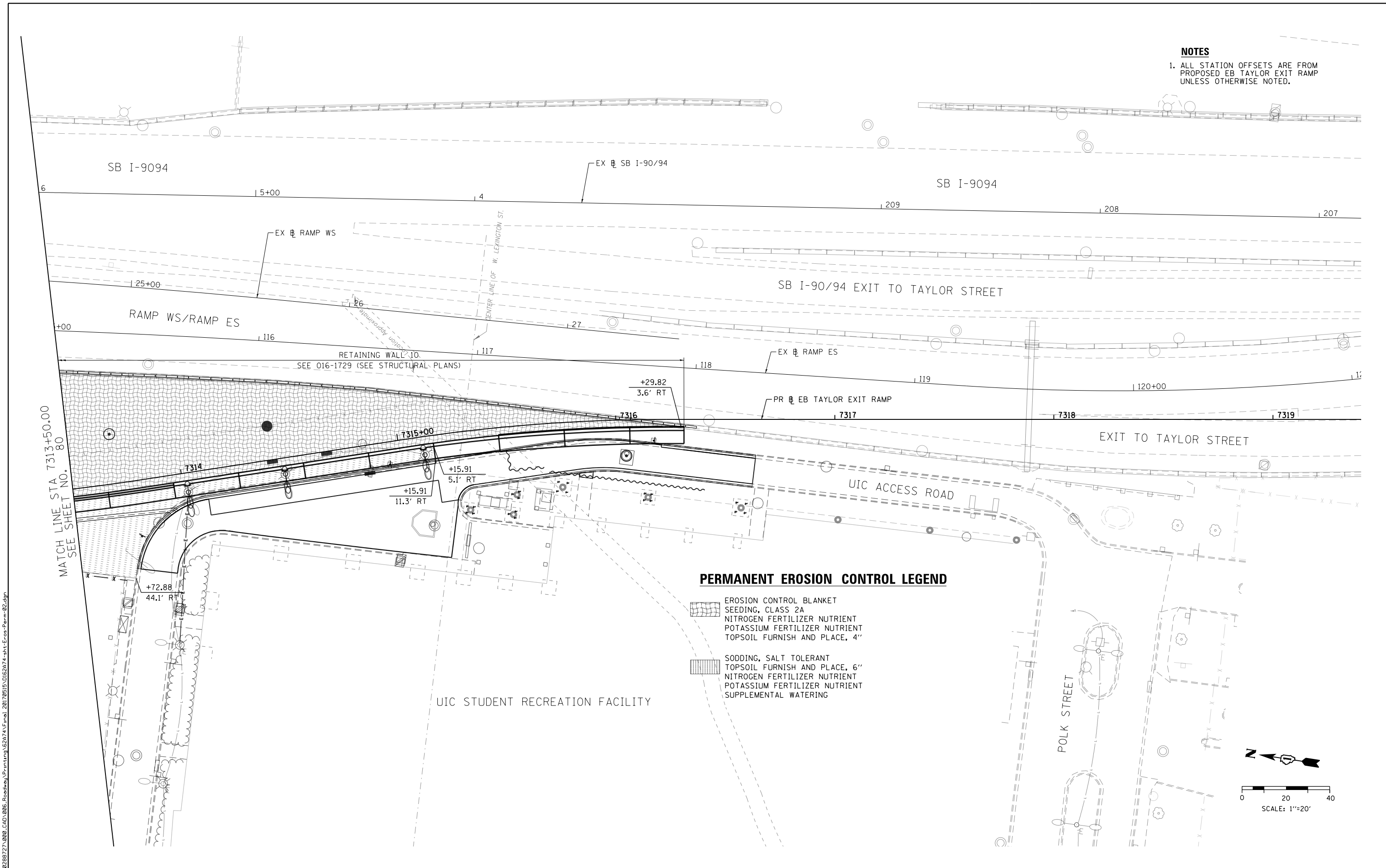
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PERMANENT EROSION AND SEDIMENTATION CONTROL PLAN**  
 SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. TO STA.

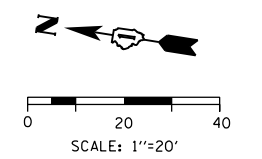
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CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

**NOTES**  
 1. ALL STATION OFFSETS ARE FROM PROPOSED EB TAYLOR EXIT RAMP UNLESS OTHERWISE NOTED.



**PERMANENT EROSION CONTROL LEGEND**

- EROSION CONTROL BLANKET  
SEEDING, CLASS 2A  
NITROGEN FERTILIZER NUTRIENT  
POTASSIUM FERTILIZER NUTRIENT  
TOPSOIL FURNISH AND PLACE, 4"
- SODDING, SALT TOLERANT  
TOPSOIL FURNISH AND PLACE, 6"  
NITROGEN FERTILIZER NUTRIENT  
POTASSIUM FERTILIZER NUTRIENT  
SUPPLEMENTAL WATERING



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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PERMANENT EROSION AND SEDIMENTATION CONTROL PLAN**  
 SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2015-022-1	COUNTY COOK	TOTAL SHEETS 275	SHEET NO. 81
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

**DRAINAGE AND UTILITIES GENERAL NOTES**

1. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR MUST FIELD VERIFY HORIZONTAL AND VERTICAL POSITION OF ALL EXISTING UTILITIES.
2. SEE WATER MAIN AND LIGHTING PLANS FOR ADDITIONAL UTILITY INFORMATION.
3. THE CONTRACTOR SHALL VERIFY THE PIPE ELBOW ANGLES SHOWN ON THE PLANS PRIOR TO THE ORDERING OF MATERIAL.
4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
5. DRAINAGE GRADES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF DRAINAGE ITEMS.
6. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON JOB SITE DURING CONSTRUCTION.
7. THE PROPOSED DRAINAGE AND UTILITIES INCLUDE A PROPOSED PIPE CONNECTION TO A DRAINAGE STRUCTURE TO BE CONSTRUCTED BY OTHERS UNDER CONTRACT 60X76. THE CONTRACTOR SHALL PROVIDE TEMPORARY PUMPING, TEMPORARY PLUGS OR BULKHEADS, FLOW DIVERSION, OR OTHER METHODS NECESSARY FOR DIVERTING AND MAINTAINING FLOW FROM THE PROPOSED STORM SEWERS UNTIL THE ALL STORM SEWER CONNECTIONS ARE COMPLETED. THE COST FOR MAINTAINING TEMPORARY DRAINAGE IS INCLUDED IN THE COST OF THE STORM SEWER. CONTRACTOR COOPERATION IS REQUIRED.
8. THE CONTRACTOR SHALL PROVIDE TEMPORARY PUMPING, TEMPORARY BULKHEADS, FLOW DIVERSION, OR OTHER METHODS NECESSARY FOR DIVERTING AND MAINTAINING FLOW OF THE EXISTING 60" COMBINED SEWER WHEN IT IS TAKEN OUT OF SERVICE AND UNTIL ALL COMBINED SEWER INSTALLATION AND CONNECTIONS ARE COMPLETED. THE COST FOR MAINTAINING TEMPORARY DRAINAGE IS INCLUDED IN THE COST OF THE COMBINED SEWER.
9. THE CONTRACTOR SHALL COORDINATE WORK WITH UIC IN ADVANCE OF WORKING WITHIN THE VICINITY OF THEIR FACILITIES AND PROVIDE TEMPORARY PUMPING OR FLOW DIVERSION OF THE SANITARY CONNECTIONS FROM THE UIC STUDENT RECREATION FACILITY BUILDING DURING CONSTRUCTION OF THE 60" COMBINED SEWER. THE COST FOR MAINTAINING TEMPORARY DRAINAGE IS INCLUDED IN THE COST OF THE COMBINED SEWER.
10. EXCEPT WHERE DESIGNATED OTHERWISE, THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM OFFICE RECORD INFORMATION FURNISHED BY THE UTILITY OWNERS AND THE SUE SURVEYS. ALL UNDERGROUND UTILITIES MUST BE CONSIDERED APPROXIMATE.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN IN THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. THIS WORK WILL BE AT THE CONTRACTORS EXPENSE.
12. THE CONTRACTOR SHALL COORDINATE WORK WITH UTILITIES IN ADVANCE OF WORKING IN THE VICINITY OF THEIR FACILITIES AND ALLOW SUFFICIENT TIME FOR THEM TO PERFORM ADJUSTMENTS TO THEIR FACILITIES IN ACCORDANCE WITH THE CONTRACTORS SCHEDULE. THIS WORK WILL BE AT THE CONTRACTORS EXPENSE.
13. THE OFFSETS AND TOP OF FRAME OR LID ELEVATIONS FOR DRAINAGE STRUCTURES WERE DETERMINED USING THE CRITERIA LISTED BELOW UNLESS OTHERWISE NOTED:
  - A. THE OFFSETS TO ALL INLETS AND CATCH BASINS IN ROADWAYS WITH BARRIER WALL ARE TO THE EDGE OF SHOULDER.
  - B. THE OFFSETS TO ALL INLETS AND CATCH BASINS IN CURBED ROADWAYS ARE TO THE EDGE OF PAVEMENT OR EDGE OF SHOULDER. STRUCTURES LOCATED IN THE GUTTER SHALL BE TURNED SO THAT THE FRAME IS FURTHEST FROM THE CENTER LINE OF THE ROAD UNLESS OTHERWISE NOTED ON THE PLANS.
  - C. THE OFFSETS TO MANHOLES, STRUCTURES IN GORE AREAS, AND STRUCTURES IN INFIELD AREAS ARE TO THE CENTER OF THE STRUCTURE.
  - D. THE OFFSETS TO INLETS AND CATCH BASINS IN CONCRETE GUTTER ARE TO BE THE FLOWLINE.

14. STORM SEWER (WATER MAIN REQUIREMENTS) IS TO BE USED AT LOCATIONS WHERE LATERAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10 FT AND THE VERTICAL SEPARATION IS LESS THAN 1.5 FT. DUCTILE IRON PIPE WITH RUBBER GASKET JOINTS SHALL BE USED FOR ALL STORM SEWERS (WATER MAIN REQUIREMENTS).
15. FOR STORM SEWER CONSTRUCTED UNDER THE ROADWAY (INCLUDING THE FUTURE ROADWAY), BACKFILLING METHODS TWO AND THREE AUTHORIZED UNDER THE PROVISIONS OF ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS WILL NOT BE ALLOWED. REFER TO THE DRAINAGE SCHEDULES FOR THE LIMITS OF TRENCH BACKFILL NECESSARY FOR THE FUTURE ROADWAY AND DRAINAGE DETAIL SHEET NO. 97 FOR ADDITIONAL INFORMATION SHOWING THE FUTURE ROADWAY.
16. ANY DAMAGES TO THE CONDUITS OR PIPES CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED OR REPAIRED BY THE CONTRACTOR AT HIS/HER EXPENSE.
17. THE CONTRACTOR MUST CALL THE IDOT ELECTRICAL MAINTENANCE CONTRACTOR TO LOCATE IDOT FACILITY CABLES.
18. A QUANTITY OF 100 FEET OF EXPLORATION TRENCH 72" DEPTH HAS BEEN INCLUDED IN THE PLANS FOR THE PURPOSE OF PHYSICALLY LOCATING ANY UTILITY OR OBSTRUCTION THE ENGINEER SHALL APPROVE THE LOCATIONS OF THE EXPLORATION TRENCH 72" DEPTH BEFORE ANY EXCAVATION MAY BEGIN.

**CITY OF CHICAGO DRAINAGE AND UTILITIES GENERAL NOTES**

1. THE LOCATIONS AND ELEVATIONS OF EXISTING SEWERS AND SEWER STRUCTURES SHOWN ON THE PLANS AND PROFILES HAVE BEEN OBTAINED FROM DRAWINGS AND ATLASES AND THE INFORMATION IS NOT GUARANTEED. THE ENGINEER AND THE CONTRACTOR SHALL FIELD VERIFY THE CITY'S EXISTING SEWER FACILITIES INCLUDING PUBLIC AND PRIVATE DRAIN CONNECTIONS IN THE LIMITS OF THE REFERENCED PROJECT FOR ANY CONFLICTS DUE TO THE PROPOSED IMPROVEMENTS. ANY CONFLICT SHOULD BE RESOLVED WITH THE DEPARTMENT OF WATER MANAGEMENT PRIOR TO START OF CONSTRUCTION.
2. IN LOCATIONS WHERE THE MAIN SEWER IS NOT BEING REPLACED AND THE EXISTING DRAINAGE FACILITIES ARE DISTURBED OR DAMAGED DURING CONSTRUCTION BY THE CONTRACTOR, IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO RESTORE AND REPLACE THE DAMAGED FACILITIES AT HIS/HER EXPENSE TO THE SATISFACTION OF THE DEPARTMENT OF WATER MANAGEMENT. THE SEWER FLOWS MUST BE MAINTAINED AT ALL TIMES.
3. IN CASE OF ANY DAMAGE TO THE CITY'S SEWER SYSTEM, PRIVATE AND PUBLIC DRAIN CONNECTIONS, THE CONTRACTOR SHALL CONTACT THE CHICAGO DEPARTMENT OF WATER MANAGEMENT IMMEDIATELY AT (312) 747-8117 OR (312) 747-7893. THE CONTRACTOR SHALL AT HIS/HER OWN EXPENSE, REPLACE THE AFFECTED SEWERS, DRAIN CONNECTIONS, AND SEWER STRUCTURES AS NECESSARY. THE SEWER FLOW MUST BE MAINTAINED AT ALL TIMES.
4. THERE ARE VARIOUS WATER MAINS AND APPURTENANCES WITHIN THE LIMITS OF THIS PROJECT. ALL PROPOSED ELECTRICAL FACILITIES MUST BE INSTALLED IN SUCH A MANNER TO PROVIDE A MINIMUM FIVE (5) FEET HORIZONTAL AND EIGHTEEN (18) INCHES VERTICAL CLEARANCE FROM ALL EXISTING WATER FACILITIES. NO PROPOSED ABOVE GROUND FACILITY (TREE, PLANTER BOX, LIGHT POLE, ETC.) CAN BE CLOSER THAN FIVE (5) FEET (EDGE-TO-EDGE) FROM A WATER MAIN, WATER SERVICE, OR WATER STRUCTURE.
5. CITY OF CHICAGO WATER VALVE VAULTS AND SEWER STRUCTURES SHALL NOT BE CLOSED, COVERED OR OTHERWISE OBSTRUCTED DURING CONSTRUCTION WITHOUT WRITTEN PERMISSION FROM THE CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT UNLESS SPECIFICALLY IDENTIFIED FOR REMOVAL, RECONSTRUCTION, OR ADJUSTMENT WITHIN THESE PLANS.
6. AS-BUILT PLANS MUST BE SUBMITTED RIGHT AFTER WORK COMPLETION. FINAL PAYMENT SHALL NOT BE MADE TO THE CONTRACTOR UNTIL THE DEPARTMENT OF WATER MANAGEMENT ACKNOWLEDGES RECEIPT OF AS-BUILT PLANS.
7. ALL PROPOSED SEWER CONNECTIONS MUST MEET I.E.P.A. HORIZONTAL AND VERTICAL SEPARATION REQUIREMENTS WHEN CROSSING UNDER OR PARALLEL TO EXISTING WATER MAINS.
8. ALL EXISTING FIRE HYDRANTS WITHIN THE PROPOSED IMPROVEMENT LIMITS MUST REMAIN VISIBLE AND ACCESSIBLE SO THAT EMERGENCY PERSONNEL AND VEHICLES CAN ACCESS THE EXISTING HYDRANTS AT ANY TIME.
9. IF CONSTRUCTION REQUIRES THE USE OF WATER FROM A CITY FIRE HYDRANT, OR ADJUSTMENTS OR REPAIRS ARE REQUIRED TO ANY CITY SEWER FACILITIES IN PROXIMITY TO THE PROJECT SITE, PERMITS MUST BE OBTAINED FROM THE CDWM, WATER, AND SEWER SECTIONS.
10. THERE ARE NUMERQS MANHOLES, CATCH BASINS, AND INLETS WHICH MUST BE PROTECTED FROM ENTRY OF ASPHALT/DEBRIS INTO THE SEWER SYSTEM DURING CONSTRUCTION. THE CONTRACTOR SHALL MARK LOCATIONS OF ALL SEWER STRUCTURES ON THE SIDEWALK BEFORE STARTING PAVEMENT REMOVAL/REPLACEMENT. ALL NECESSARY ADJUSTMENTS TO SEWER FACILITIES, INCLUDING VERTICAL ADJUSTMENT OF FRAMES AND LIDS, SHALL BE PERFORMED BY THE CONTRACTOR PRIOR TO STREET RESURFACING. PLEASE CONTACT THOMAS MENDOZA AT THOMAS.MENDOZA@CITYOFCHICAGO.ORG OR AT (312) 747-4680 REGARDING FINAL INSPECTION OF ALL SEWER FACILITIES.
11. A PERMIT FROM THE CDWM SHOULD BE OBTAINED IN ADVANCE FOR ANY UNDERGROUND SEWER WORK INCLUDING ADJUSTMENT OF STRUCTURES, REMOVAL OR REPLACEMENT OF FRAMES AND LIDS, TELEVISION SURVEYS, CLEANING, LINING AND INSPECTIONS BY A LICENSED SEWER CONTRACTOR AT 333 S. STATE STREET, SUITE 410, CHICAGO, ILLINOIS 60604.

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D162A74-sht-Drain-Notes	DESIGNED - AFC	REVISED -
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PLOT SCALE = 100.0000' / in.	CHECKED - MJE	REVISED -
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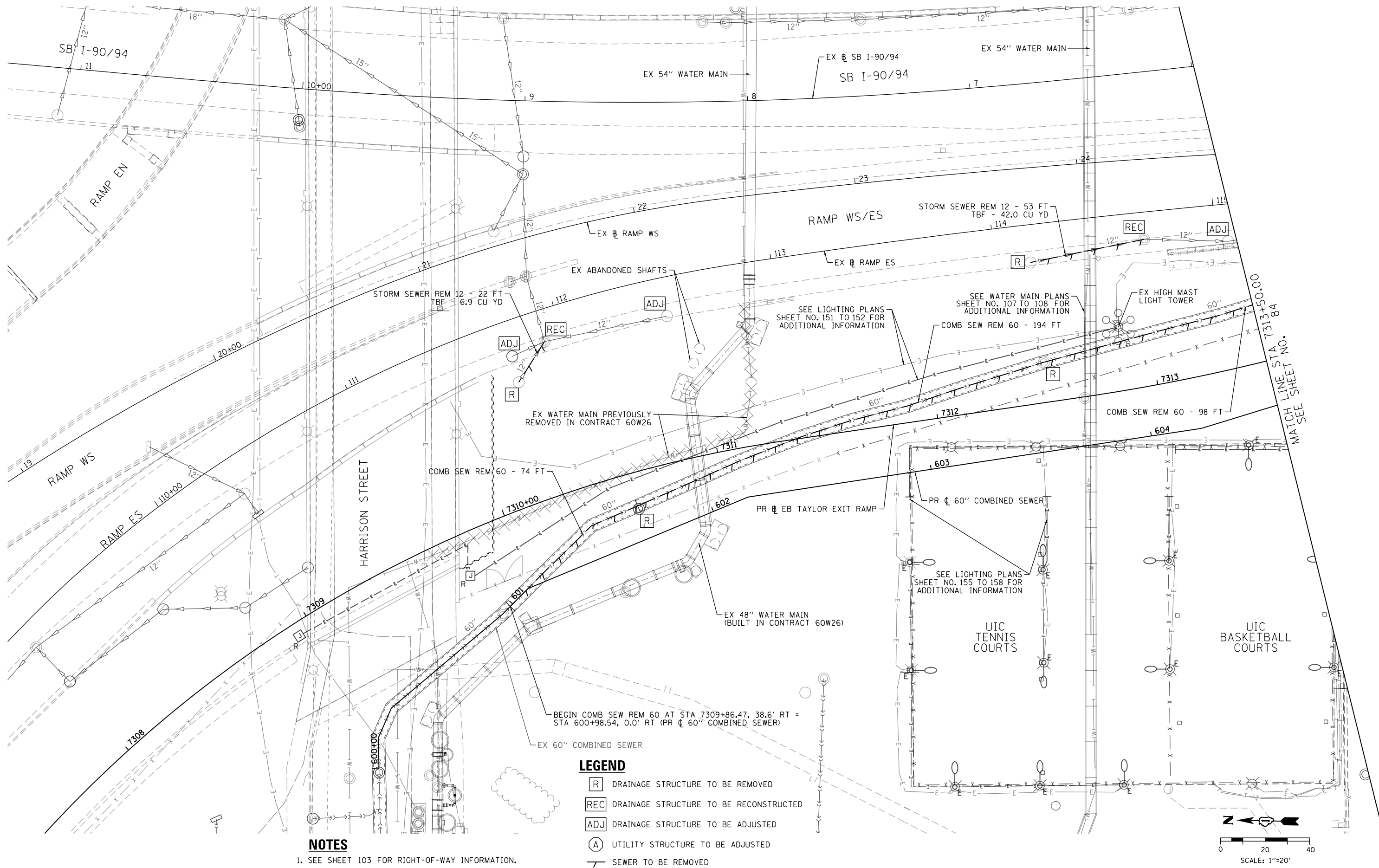
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITIES GENERAL NOTES**

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

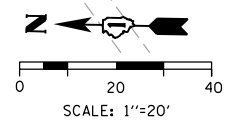
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-1	COOK	275	82
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

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**NOTES**  
 1. SEE SHEET 103 FOR RIGHT-OF-WAY INFORMATION.

- LEGEND**
- [R] DRAINAGE STRUCTURE TO BE REMOVED
  - [REC] DRAINAGE STRUCTURE TO BE RECONSTRUCTED
  - [ADJ] DRAINAGE STRUCTURE TO BE ADJUSTED
  - (A) UTILITY STRUCTURE TO BE ADJUSTED
  - SEWER TO BE REMOVED



D162A74-sht-Drain-Ex-01	DESIGNED - AFC	REVISED -
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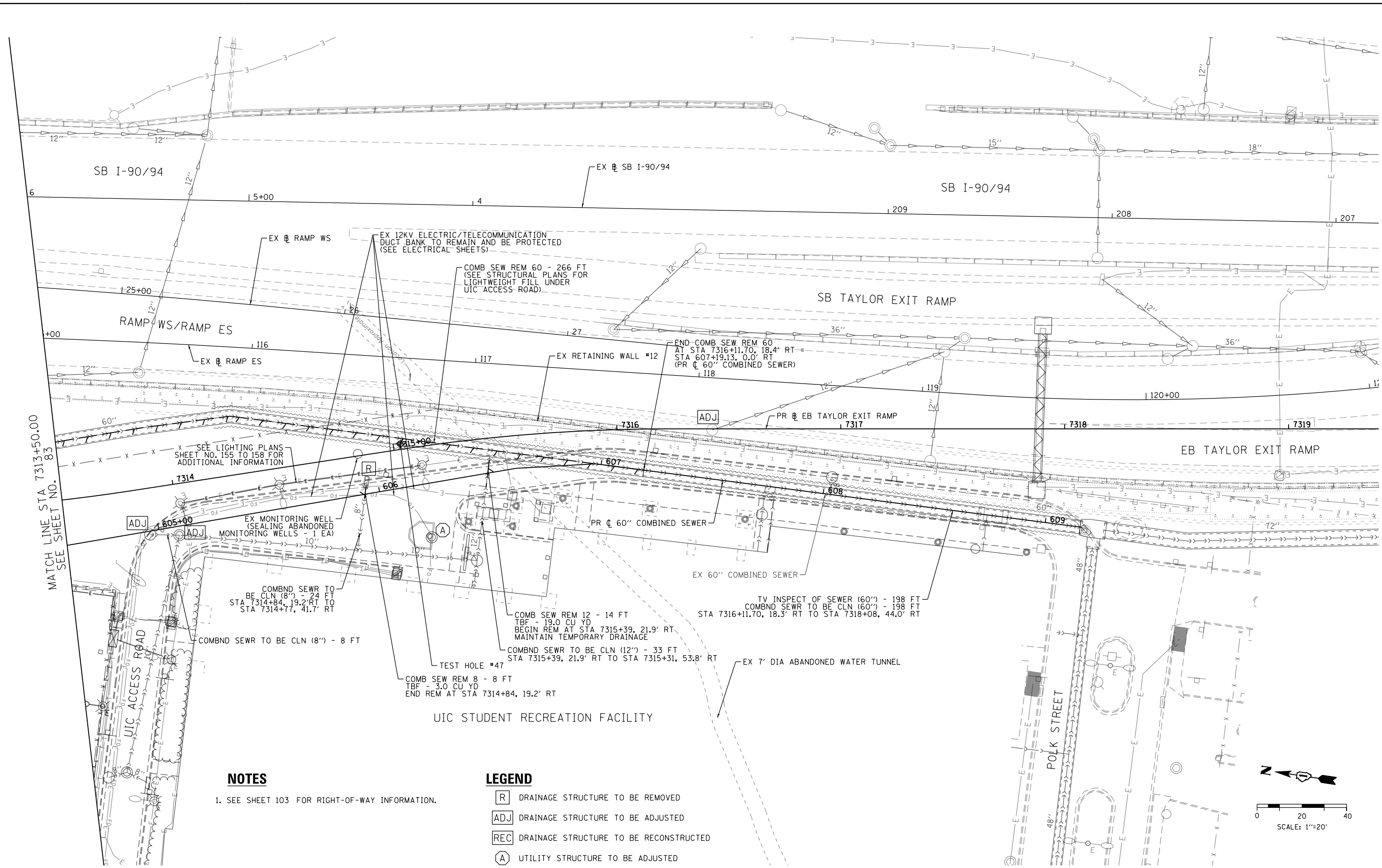
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CHECKED - MJE	REVISED -
DATE - 05/15/2017	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>EXISTING DRAINAGE AND UTILITIES PLAN</b>	
SCALE: 1" = 20'	SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-I	COOK	275	83
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

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MATCH LINE STA 7313+50.00  
 SEE SHEET NO. 83

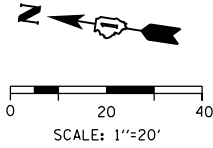
SEE LIGHTING PLANS  
 SHEET NO. 155 TO 158 FOR  
 ADDITIONAL INFORMATION

**NOTES**

1. SEE SHEET 103 FOR RIGHT-OF-WAY INFORMATION.

**LEGEND**

- R DRAINAGE STRUCTURE TO BE REMOVED
- ADJ DRAINAGE STRUCTURE TO BE ADJUSTED
- REC DRAINAGE STRUCTURE TO BE RECONSTRUCTED
- A UTILITY STRUCTURE TO BE ADJUSTED
- SEWER TO BE REMOVED



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 PLOT SCALE = 40.0000' / in.  
 PLOT DATE = 5/15/2017

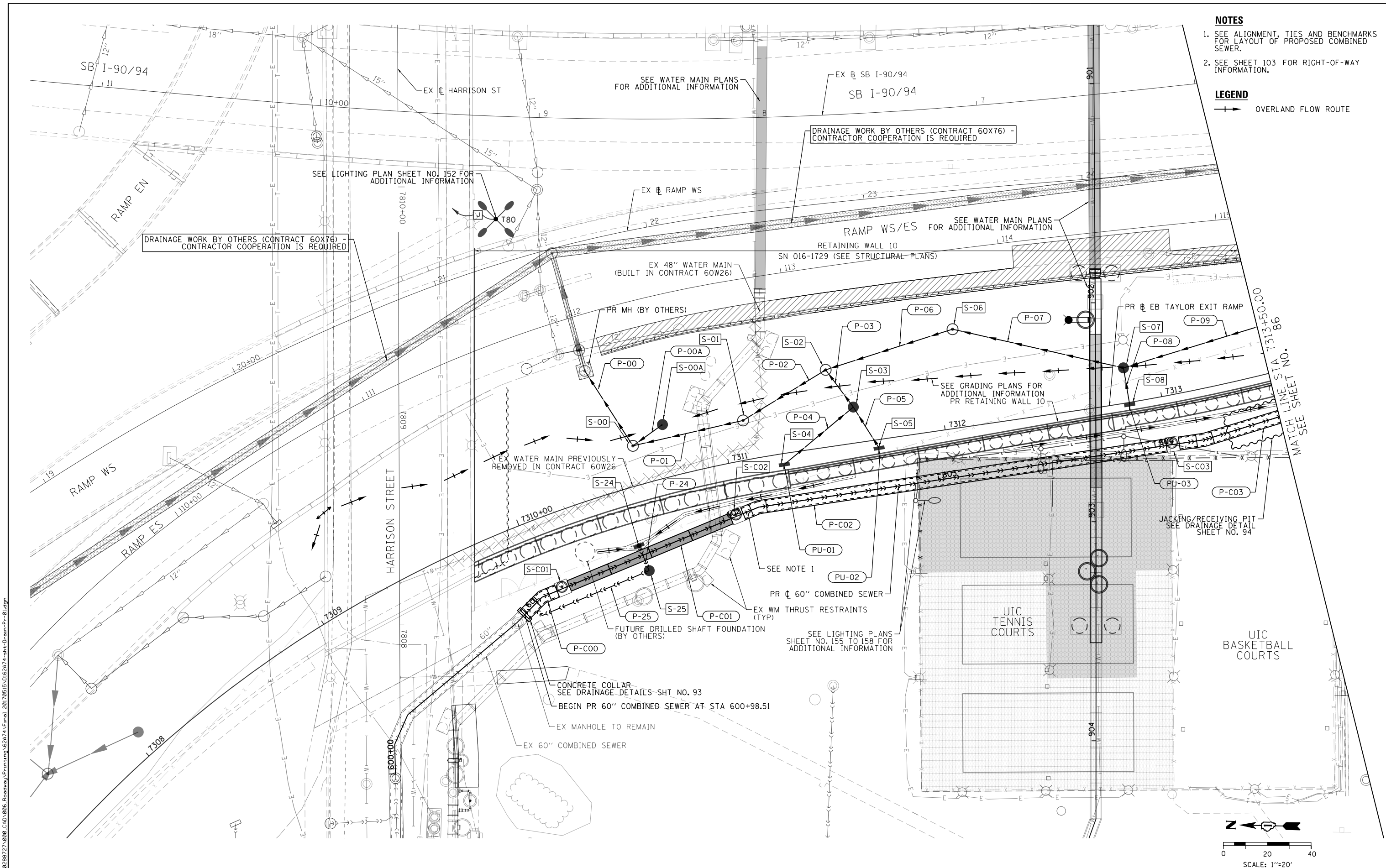
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CHECKED - MJE	REVISED -
DATE - 05/15/2017	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

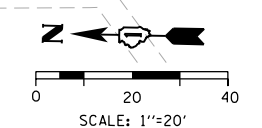
**EXISTING  
 DRAINAGE AND UTILITIES PLAN**

SCALE: 1" = 20'    SHEET 2 OF 2 SHEETS    STA.    TO STA.

F.A.I. RTE. 90/94/290	SECTION 2015-022-I	COUNTY COOK	TOTAL SHEETS 275	SHEET NO. 84
CONTRACT NO. 62474				
ILLINOIS FED. AID PROJECT				



- NOTES**
- SEE ALIGNMENT, TIES AND BENCHMARKS FOR LAYOUT OF PROPOSED COMBINED SEWER.
  - SEE SHEET 103 FOR RIGHT-OF-WAY INFORMATION.
- LEGEND**
- OVERLAND FLOW ROUTE



FILE PATH = P:\628727\020\_CAD\006\_Roadway\Printung\628727\Final\_20170515\0162474\_sht-Drain-Pr-01.dgn



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 PLOT DATE = 5/12/2017

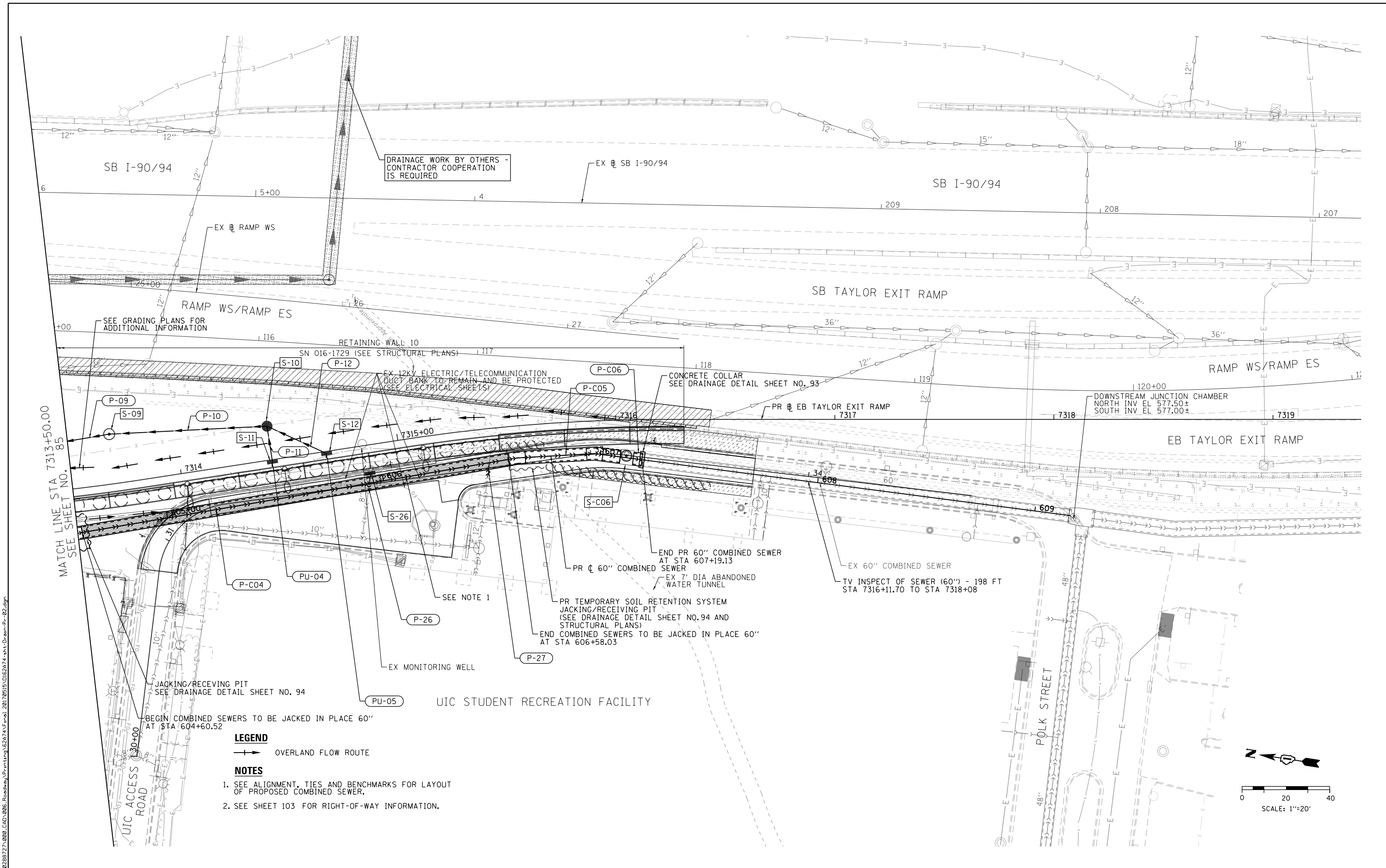
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CHECKED - MJE	REVISED -
DATE - 05/15/2017	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED  
 DRAINAGE AND UTILITIES PLAN**

SCALE: 1" = 20'    SHEET 1 OF 2 SHEETS    STA.    TO STA.

F.A.I. RTE. 90/94/290	SECTION 2015-022-1	COUNTY COOK	TOTAL SHEETS 275	SHEET NO. 85
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

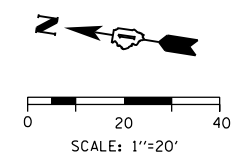


MATCH LINE STA 7313+50.00  
SEE SHEET NO. 85

UIC ACCESS ROAD  
UIC STUDENT RECREATION FACILITY

**LEGEND**  
 OVERLAND FLOW ROUTE

**NOTES**  
 1. SEE ALIGNMENT, TIES AND BENCHMARKS FOR LAYOUT OF PROPOSED COMBINED SEWER.  
 2. SEE SHEET 103 FOR RIGHT-OF-WAY INFORMATION.



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 PLOT DATE = 5/12/2017

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CHECKED - MJE	REVISED -
DATE - 05/15/2017	REVISED -

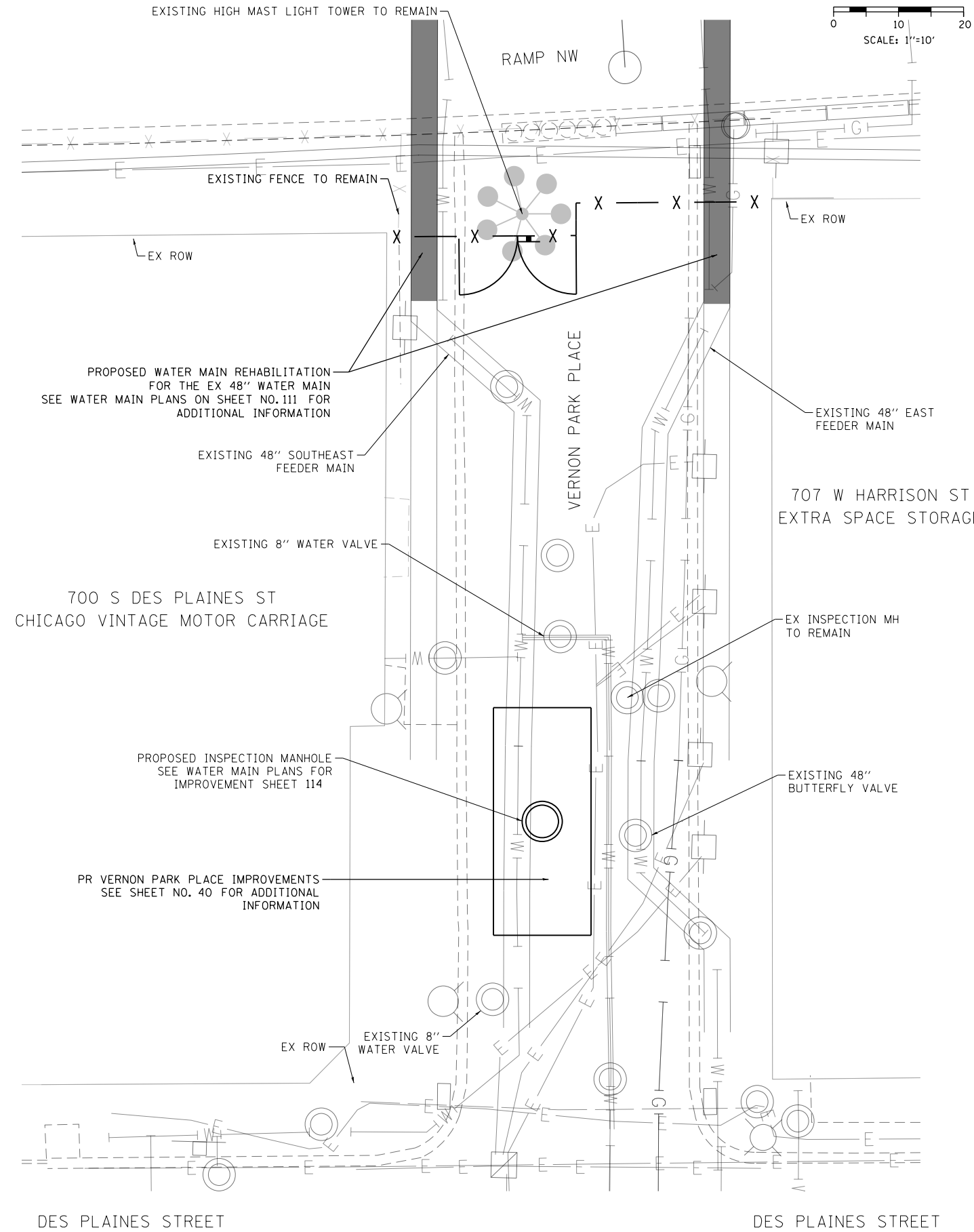
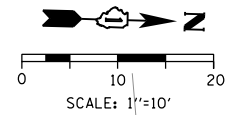
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED  
DRAINAGE AND UTILITIES PLAN**

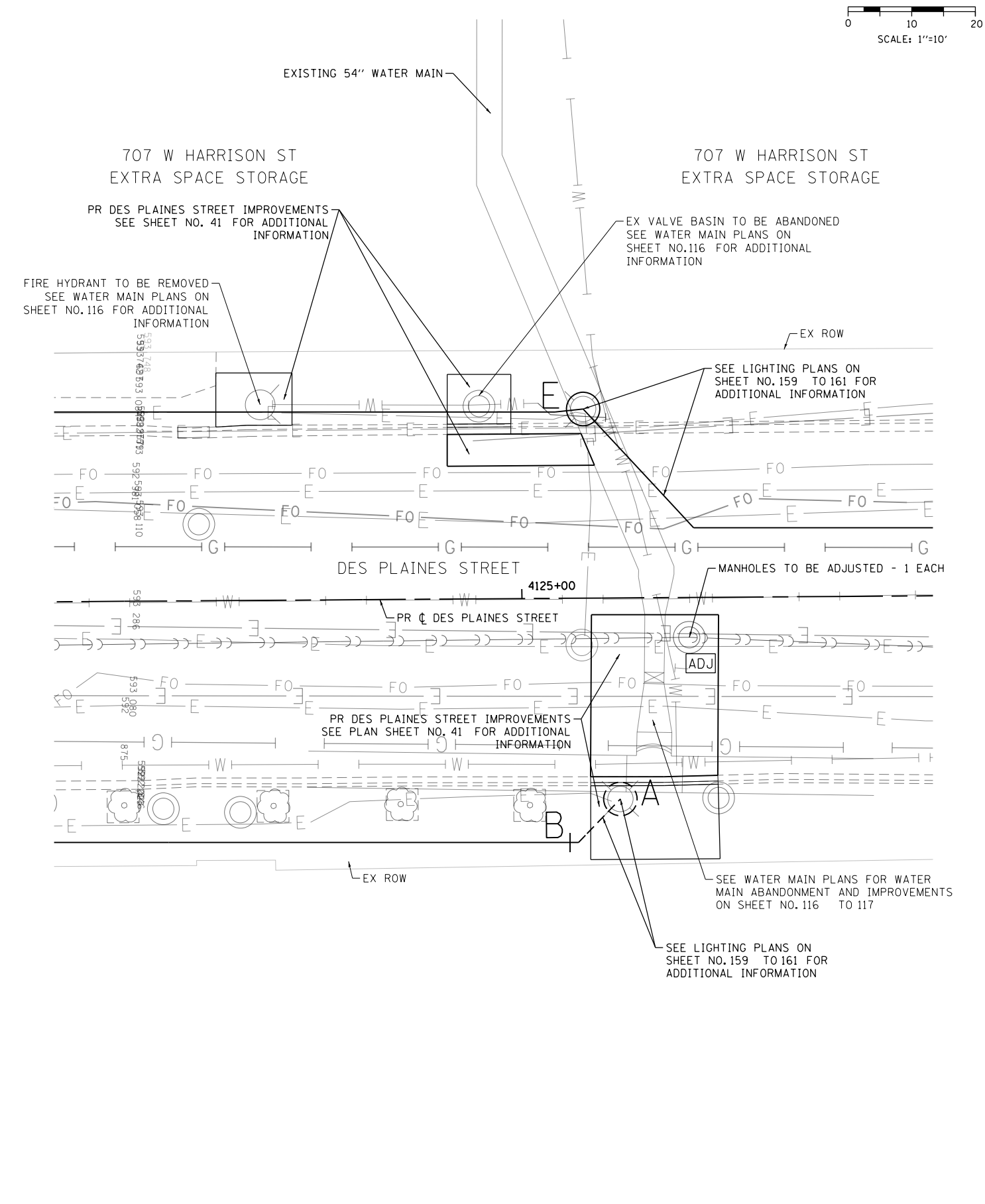
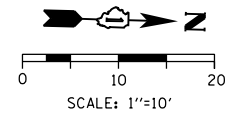
SCALE: 1" = 20'    SHEET 2 OF 2 SHEETS    STA.    TO STA.

F.A.I. RTE. 90/94/290	SECTION 2015-022-1	COUNTY COOK	TOTAL SHEETS 275	SHEET NO. 86
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

**VERNON PARK PLACE**



**DES PLAINES STREET**



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D162474-sht-Drain-Pr-Local.dgn
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PLOT SCALE = 20.0000' / in.
PLOT DATE = 5/12/2017

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DATE - 05/15/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

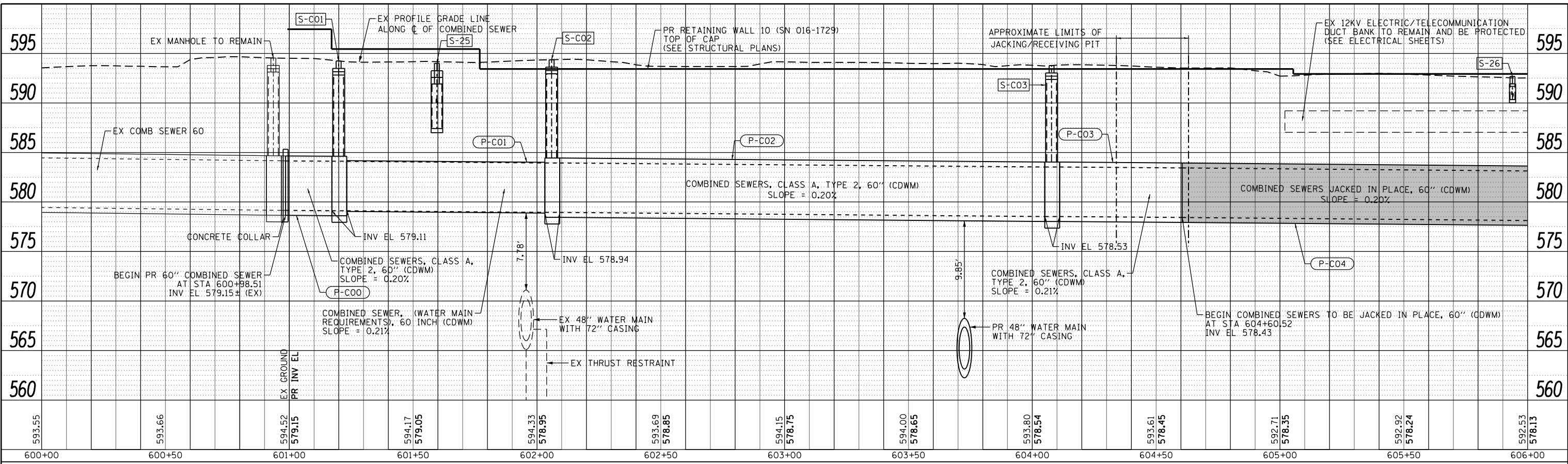
**DRAINAGE AND UTILITIES PLAN  
VERNON PARK PLACE AND DES PLAINES STREET**

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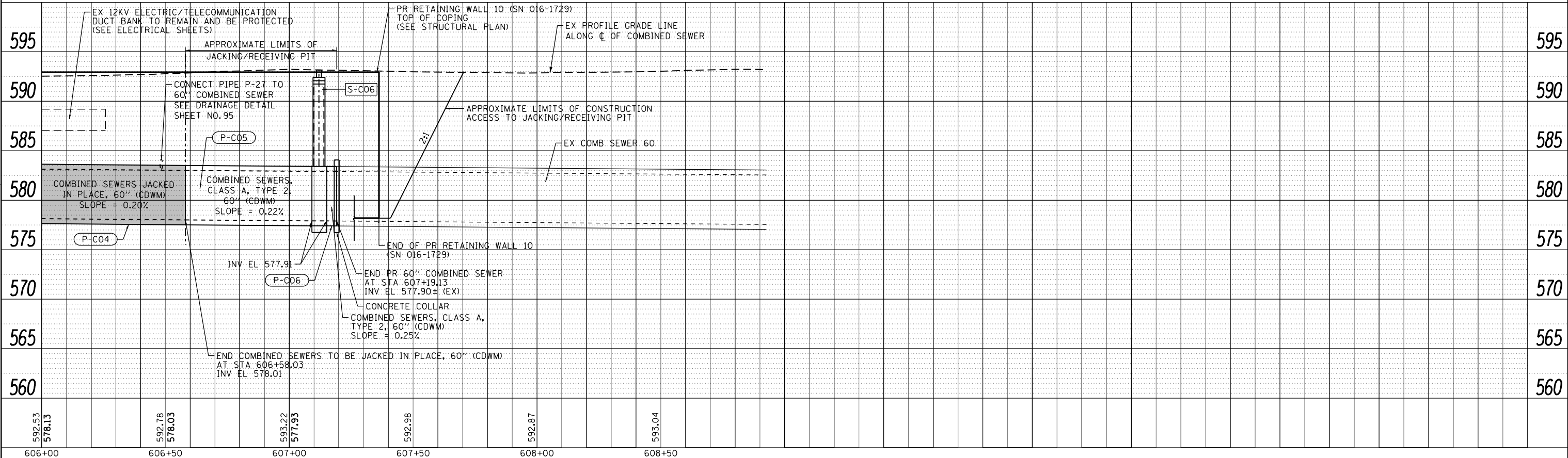
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CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				



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**NOTES:**  
 EXISTING UTILITIES SHOWN ARE FOR LATERAL REFERENCE ONLY.  
 THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING ALL EXISTING SEWERS AND UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL REFER TO THE UTILITY LOCATION PLANS FOR ADDITIONAL INFORMATION.



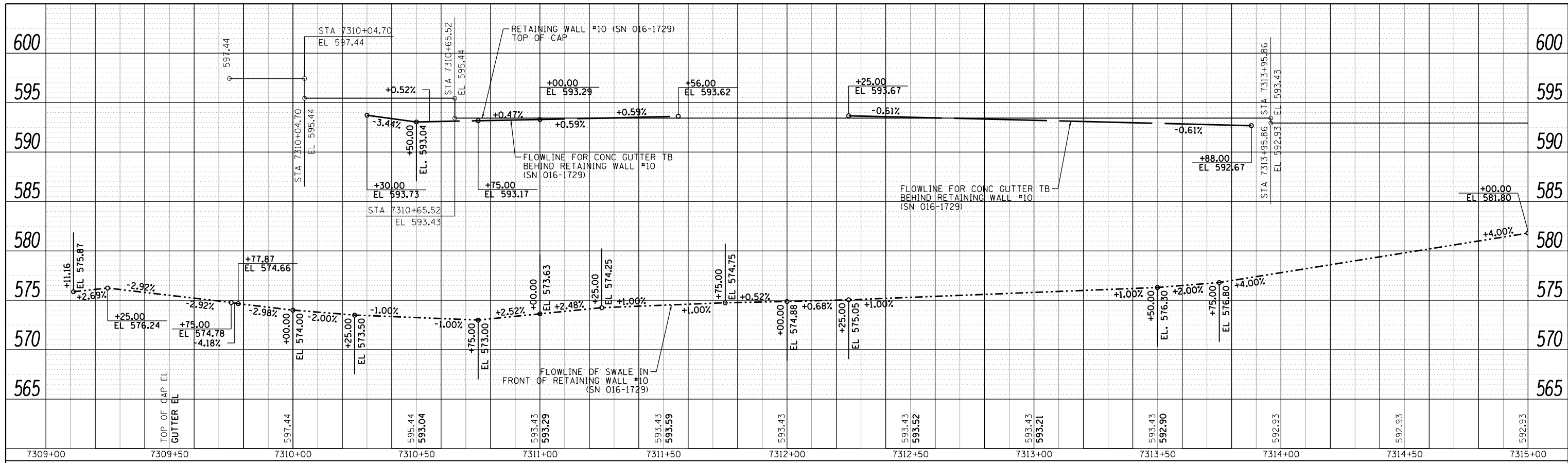
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 PLOT SCALE = 40.0000' / in.  
 PLOT DATE = 5/15/2017

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DATE - 05/15/2017	REVISED -

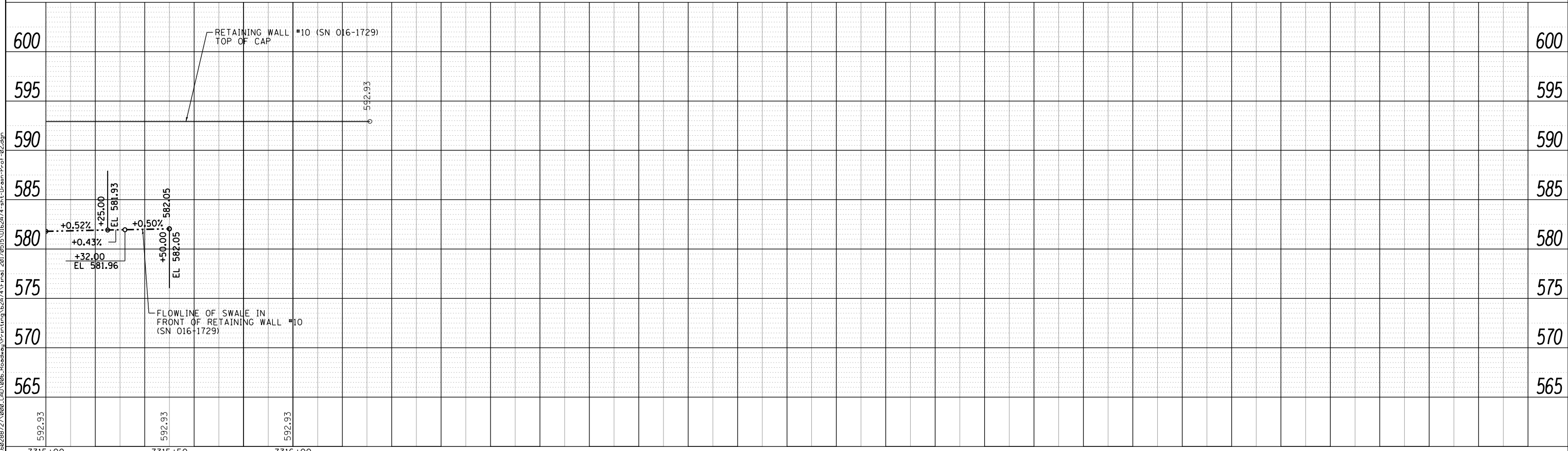
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PROFILE**  
**60" COMBINED SEWER**  
 SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-I	COOK	275	88
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				



NOTES:  
 EXISTING UTILITIES SHOWN ARE FOR LATERAL REFERENCE ONLY.  
 THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING ALL EXISTING SEWERS AND UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL REFER TO THE UTILITY LOCATION PLANS FOR ADDITIONAL INFORMATION.



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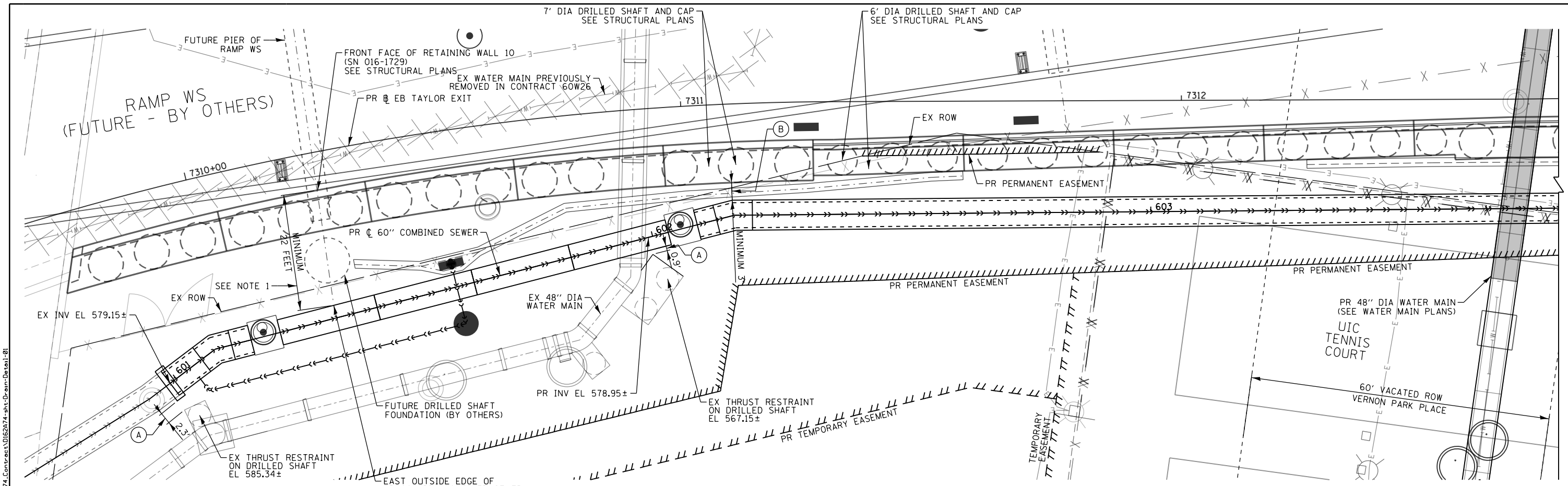
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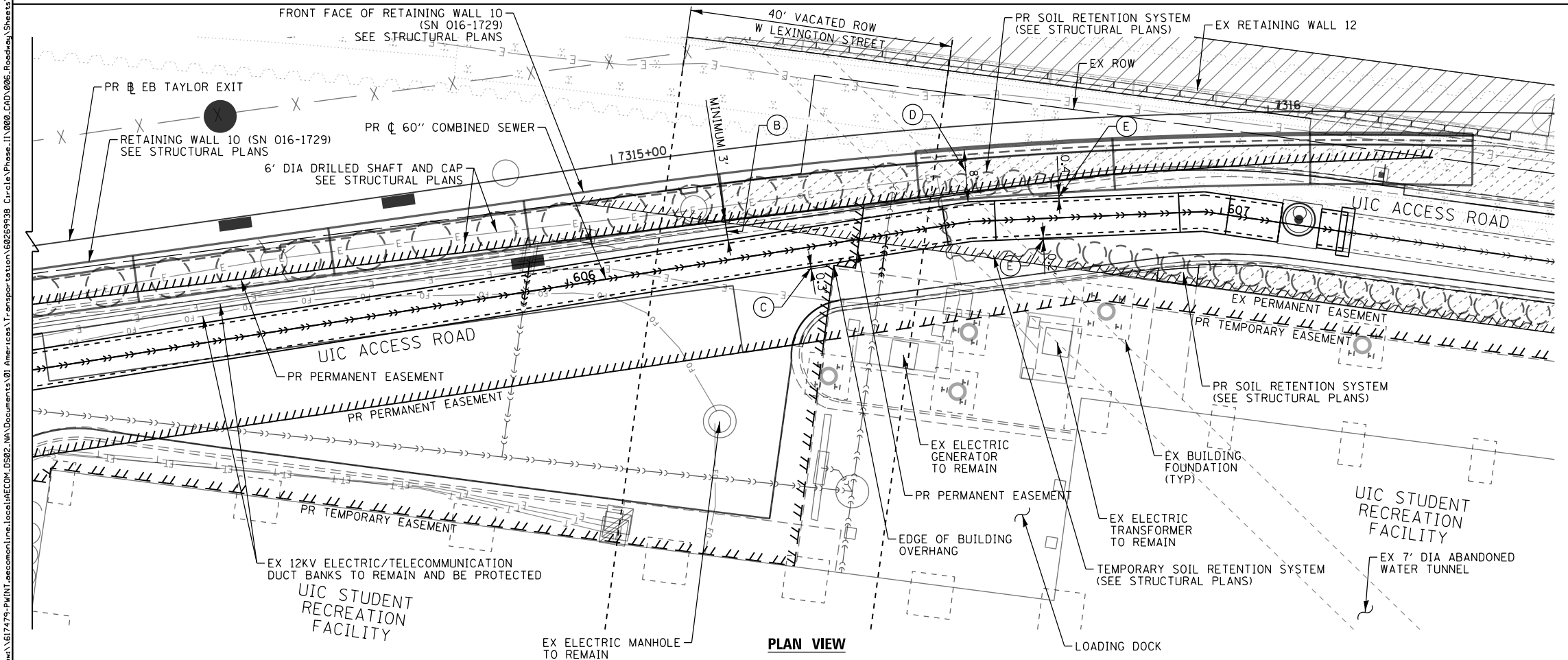
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

DRAINAGE PROFILE  
 SWALE AND GUTTER PROFILE ALONG RETAINING WALL #10  
 SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-1	COOK	275	89
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

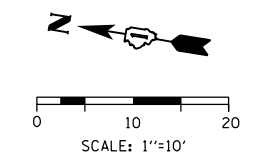


PLAN VIEW



PLAN VIEW

- NOTES:
- THE CONTRACTOR SHALL PROVIDE A MINIMUM LATERAL CLEARANCE OF 22' FROM THE FRONT FACE OF RETAINING WALL 10 (SN 016-1729) TO THE EAST OUTSIDE EDGE OF THE PROPOSED 60" DIAMETER COMBINED SEWER. THE MINIMUM CLEARANCE IS REQUIRED FOR FUTURE FOUNDATION INSTALLATION OF RAMP WS (BY OTHERS).
  - THE PROPOSED LOCATION OF THE 60" DIAMETER COMBINED SEWER IS IN VERY CLOSE PROXIMITY TO THE FOLLOWING FACILITIES:
    - (A) THE EXISTING THRUST BLOCK OF THE 48" DIAMETER WATER MAIN
    - (B) THE DRILLED SHAFTS AND CAP OF PROPOSED RETAINING WALL 10
    - (C) THE EXISTING BUILDING OVERHANG OF THE UNIVERSITY OF ILLINOIS AT CHICAGO (UIC) STUDENT RECREATION FACILITY
    - (D) THE PROPOSED PORTION OF THE MSE WALL
    - (E) THE PROPOSED DRILLED SHAFTS OF THE SOIL RETENTION SYSTEMS
  - THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION DURING TRENCH INSTALLATION FOR THE COMBINED SEWERS TO ENSURE THAT CONSTRUCTION ACTIVITIES DO NOT HAVE DETRIMENTAL EFFECTS ON THE 48" DIAMETER WATER MAINS, THRUST RESTRAINTS AND THE UIC STUDENT RECREATION BUILDING. ANY DAMAGE TO THE WATER MAINS, THRUST RESTRAINTS AND BUILDING CAUSED BY THE CONTRACTOR IN THE PERFORMANCE OF WORK SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AT NO COST TO THE DEPARTMENT.
  - THE CONTRACTOR SHALL BE RESTRICTED TO WORK WITHIN THE RIGHT-OF-WAY AND PROPOSED EASEMENTS FOR THE INSTALLATION OF THE PROPOSED 60" DIAMETER COMBINED SEWER.



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USER NAME = ChiuA	DRAWN - AFC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJE	REVISED -
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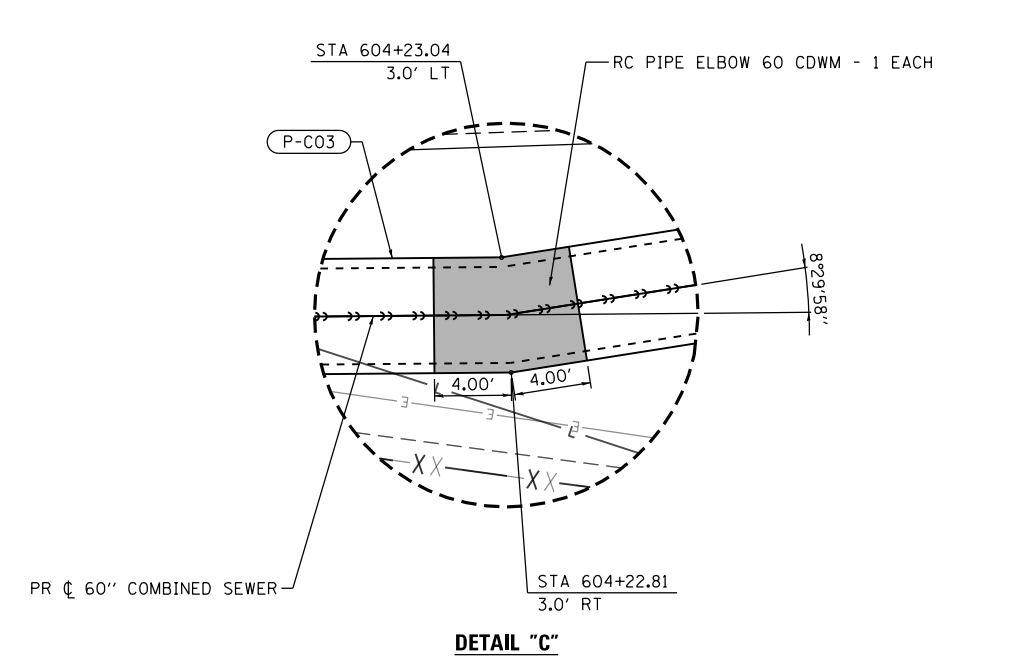
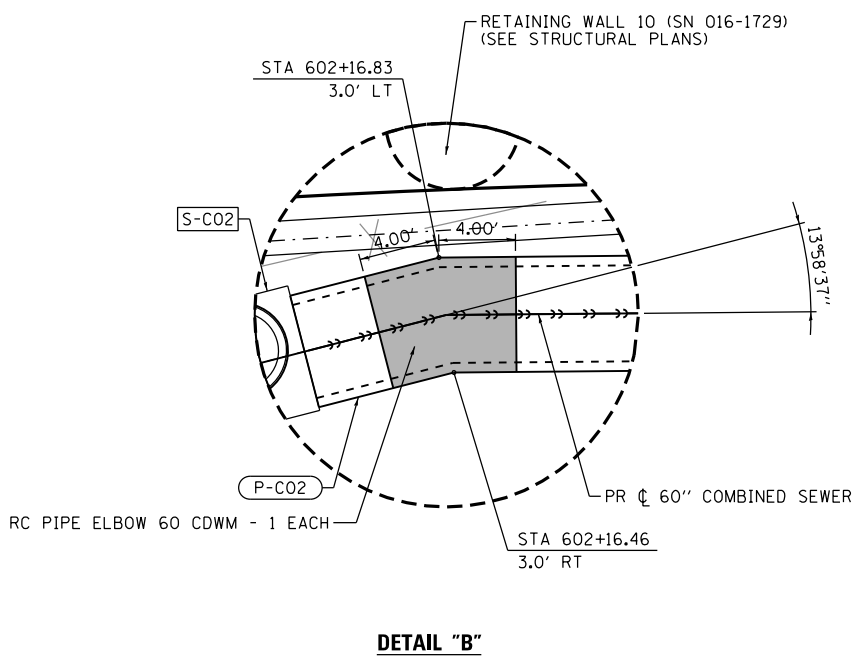
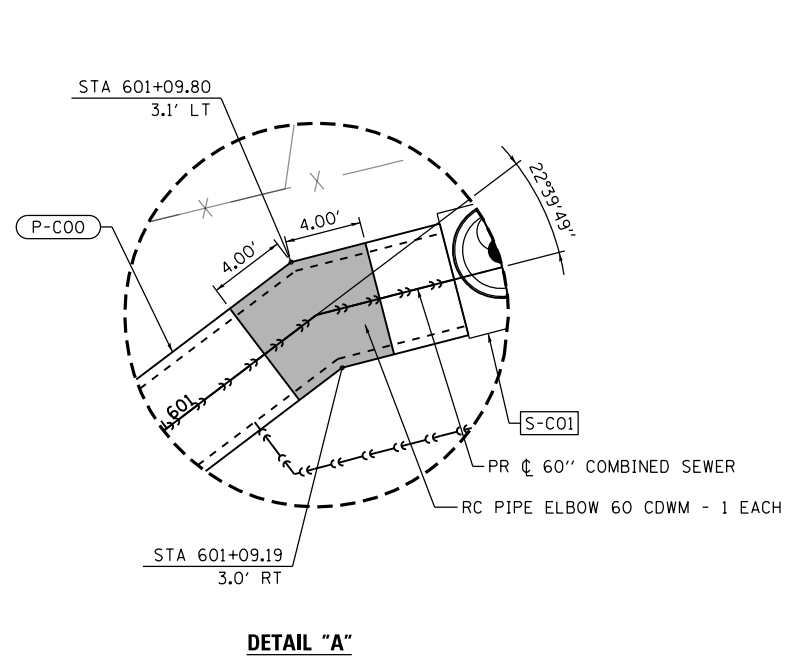
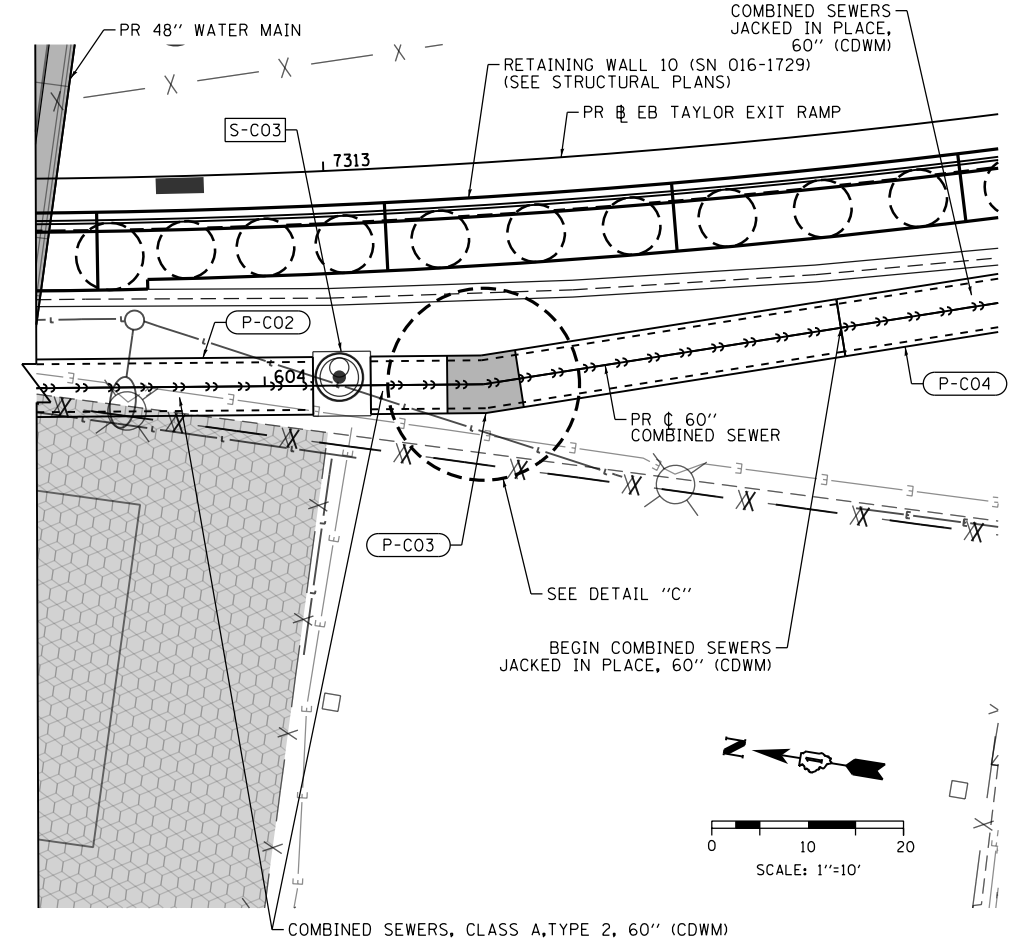
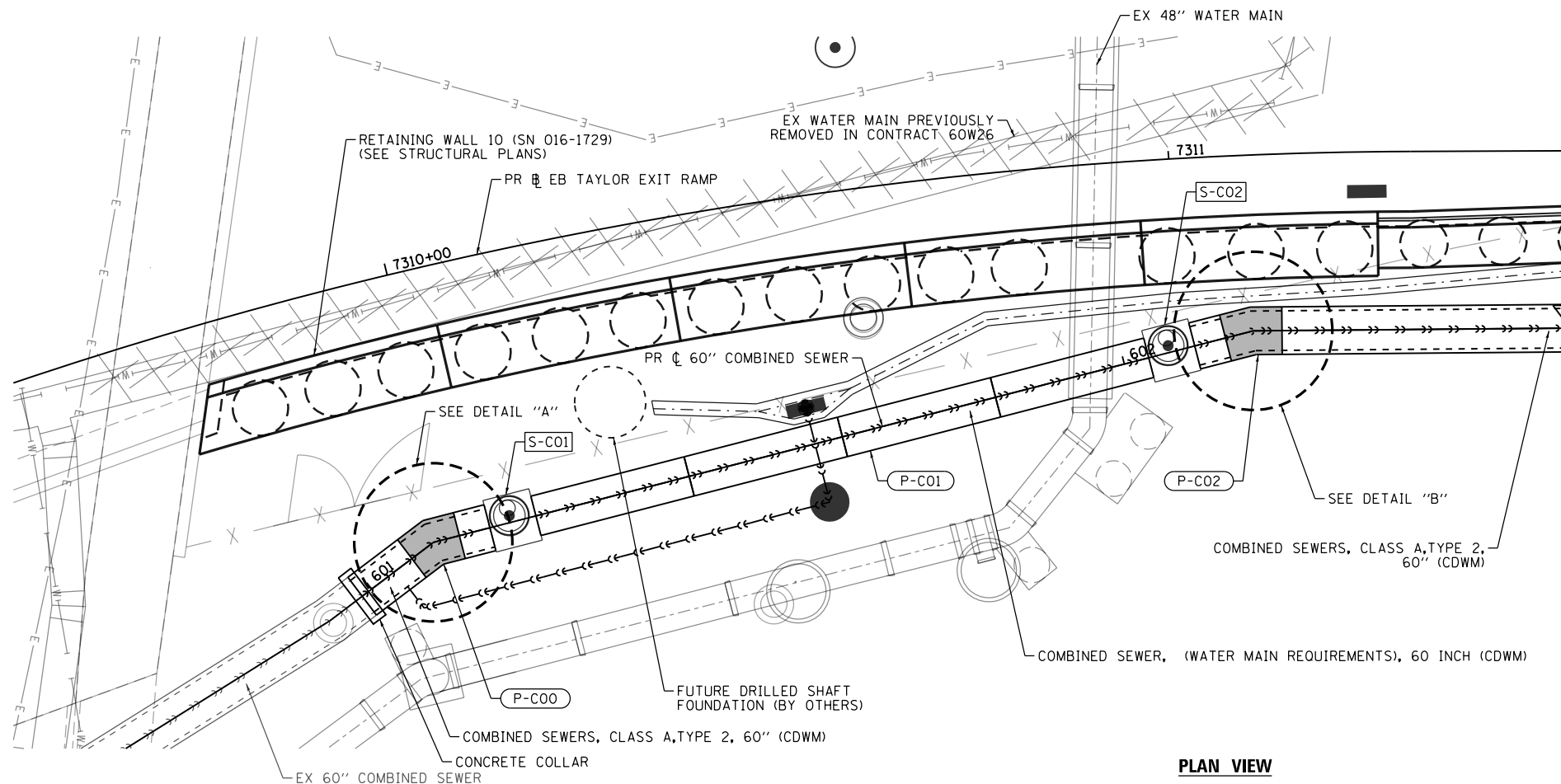
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS  
HORIZONTAL CLEARANCES FOR 60" COMBINED SEWER

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

F.A.I. RTE. 90/94/290	SECTION 2015-022-I	COUNTY COOK	TOTAL SHEETS 275	SHEET NO. 90
				CONTRACT NO. 62A74
ILLINOIS FED. AID PROJECT				

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 PLOT DATE = 5/15/2017

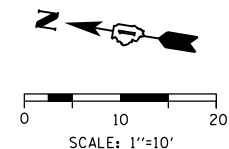
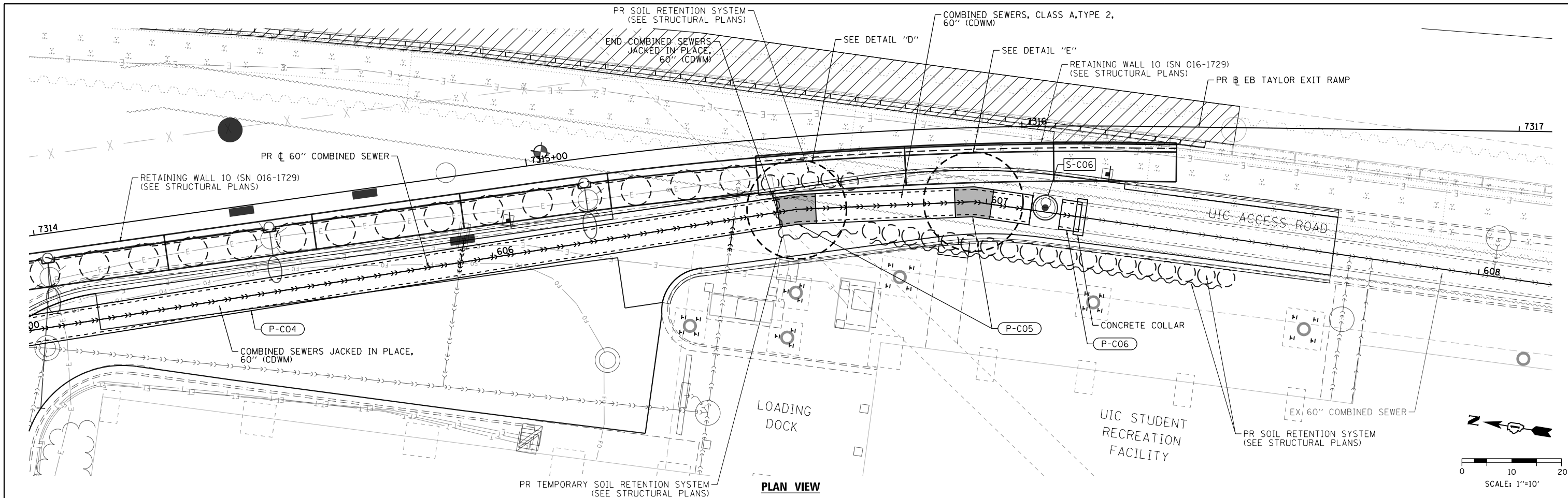
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DATE - 05/15/2017	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

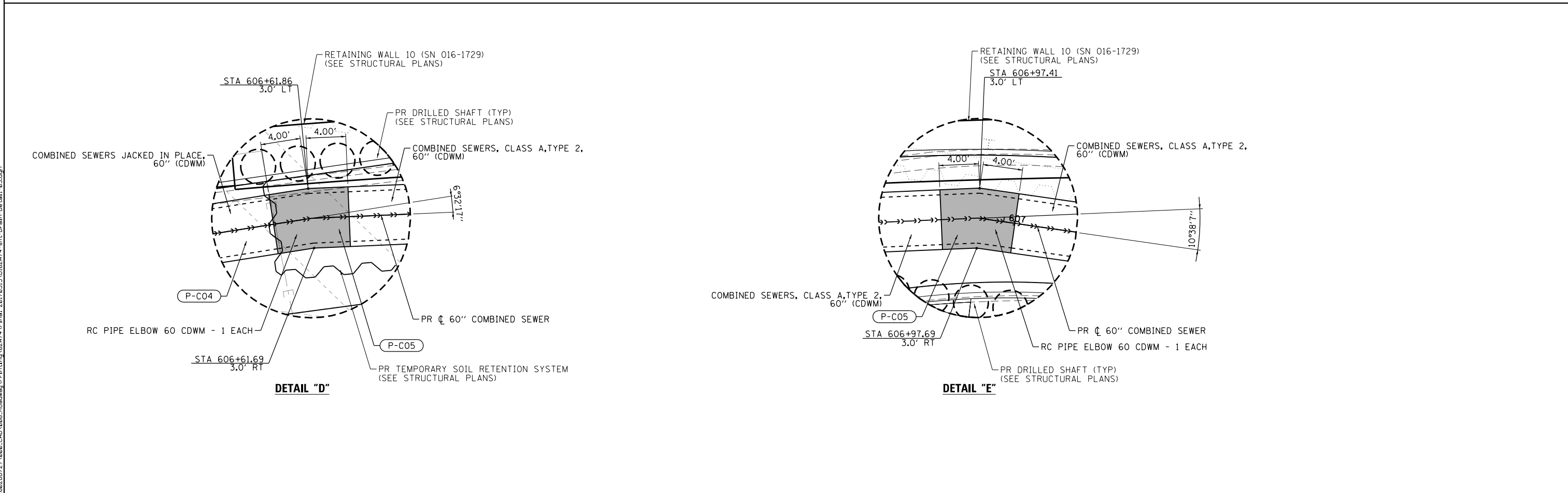
**DRAINAGE DETAILS**  
**PIPE ELBOW DETAILS**

SCALE: 1"=10'    SHEET 1 OF 2 SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-I	COOK	275	91
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				



**PLAN VIEW**



**DETAIL "D"**

**DETAIL "E"**

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 PLOT DATE = 5/12/2017

DESIGNED - AFC	REVISED -
DRAWN - AFC	REVISED -
CHECKED - MJE	REVISED -
DATE - 05/15/2017	REVISED -

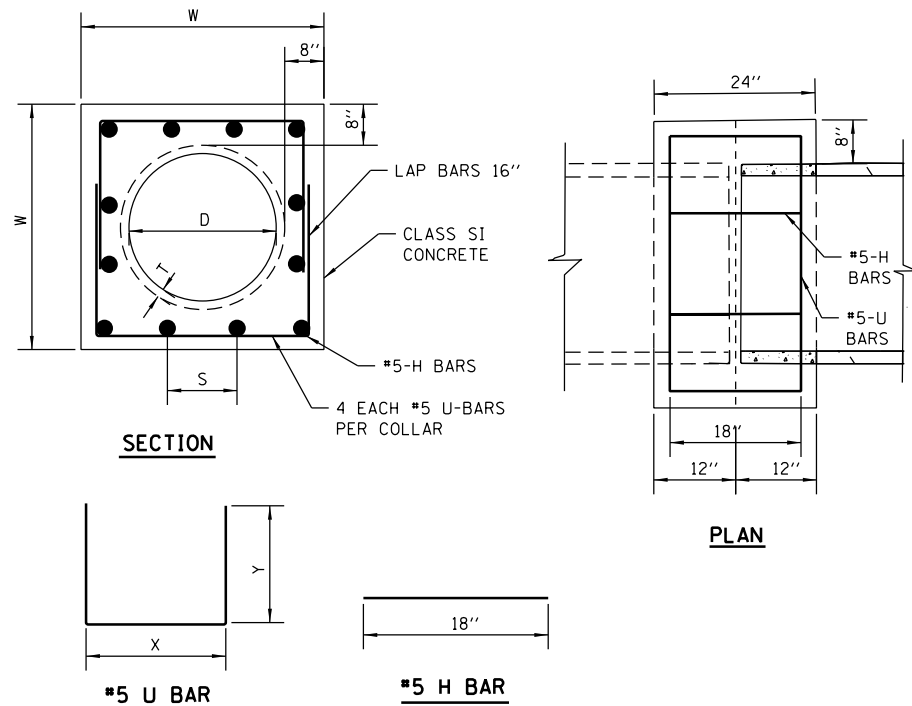
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE DETAILS  
 PIPE ELBOW DETAILS**

SCALE: 1"=10' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2015-022-1	COUNTY COOK	TOTAL SHEETS 275	SHEET NO. 92
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

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**PIPE TO PIPE  
REINFORCED CONCRETE COLLAR DETAIL**

SCALE: N.T.S.

**CONCRETE COLLAR NOTES:**

- ALL ITEMS AND MATERIALS SHALL CONFORM TO THE LATEST IDOT SSRBC SPECIFICATIONS, UNLESS OTHERWISE NOTED IN SUPPLEMENTAL SPECIFICATIONS FOR THE SPECIFIC PROJECT BEING CONSTRUCTED.
- ALL CONCRETE SHALL CONFORM TO IDOT SSRBC ARTICLE 1020.04, CLASS S1, WITH A COMPRESSIVE STRENGTH OF 3500 PSI.
- ALL EPOXY COATED REINFORCEMENT BARS SHALL CONFORM TO IDOT SSRBC SECTION 508, AND ARTICLE 1006.10.
- UNLESS OTHERWISE SHOWN, THE COVER FOR REINFORCING STEEL SHALL BE AS FOLLOWS:
  - CONCRETE CAST AGAINST PERMANENTLY EXPOSE EARTH: 3"
  - ALL OTHER REINFORCING BARS: 2"
- CONCRETE COLLARS SHALL BE CONSTRUCTED AT ALL EXISTING/PROPOSED PIPE CONNECTIONS. TRIM EXISTING PIPE END TO PROVIDE FLUSH BUTT JOINT, INSTALL REBAR, AND PLACE CONCRETE COLLAR.
- THE CONTRACTOR SHALL PROVIDE ALL MEASURES AND PRECAUTIONS NECESSARY TO PREVENT DAMAGE TO THE EXISTING SEWER DURING CONSTRUCTION. CONTRACTOR SHALL ADEQUATELY BRACE OR SHORE EXISTING SEWER IF REQUIRED TO MAINTAIN INTEGRITY OF SEWER DURING CONSTRUCTION. SUBMIT DESIGN AND DETAILS, SEALED AND SIGNED BY AN ILLINOIS LICENSED STRUCTURAL ENGINEER, SHOWING TEMPORARY BRACING FOR THE EXISTING SEWER DURING CONSTRUCTION FOR REVIEW PRIOR TO CONSTRUCTION. ANY DAMAGE TO EXISTING STRUCTURE IS RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR SHALL DIVERT ALL FLOW FROM THE EXISTING SEWER PRIOR TO CONSTRUCTION SO THAT THE WORK CAN BE PERFORMED IN THE DRY CONDITION. SEWER MUST BE MAINTAINED IN SERVICE AT ALL TIMES. SUBMIT MEANS OF FLOW DIVERSION FOR REVIEW PRIOR TO BREAKING INTO EXISTING SEWER. ALL EXCAVATION SHALL BE KEPT DEWATERED DURING CONSTRUCTION OPERATIONS UNTIL BACKFILL IN PLACE. PROVISIONS SHALL BE MADE TO PREVENT THE BOTTOM OF ALL EXCAVATIONS FROM FREEZING OR FLOODING AT ALL TIMES. PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING STRUCTURE SHALL BE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF THE WORK, HOWEVER, CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE OF THE WORK.

LOCATION (STATIONING, OFFSET)	ID PIPE DIA (IN)	T PIPE THICKNESS (IN)	OD OUTSIDE PIPE DIA (IN)	W WIDTH (IN)	U BAR				H BAR			CONCRETE COLLAR (CU YD)	REINFORCEMENT BARS, EPOXY COATED (LBS)	
					X	Y	QUANTITY	TOTAL LENGTH (FT)	S	QUANTITY	TOTAL LENGTH (FT)			
					(IN)	(IN)	(EACH)	(FT)	(IN)	(EACH)	(FT)			
*	605+92.89, 1.8' RT	8	VARIES	9.05	25.05	21	21	4	21	6 1/4	12	18	0.4	41
*	606+49.05, 0.0 RT	12	VARIES	14.5	30.5	26	21	4	23	8 1/8	12	18	0.5	43
	600+98.51, 0.0' RT	60	6	72	88	82	49	4	60	10 1/8	32	48	1.9	113
	607+19.13, 0.0' RT	60	6	72	88	82	49	4	60	10 1/8	32	48	1.9	113

**NOTE:**

- WHERE IT IS DENOTED WITH AN ASTERISK (\*), CONCRETE COLLAR AND REINFORCEMENT BARS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE COMBINED SEWER PAY ITEMS.



D162A74-sht-Drain-Detail-04  
 USER NAME = PIMSARN0  
 PLOT SCALE = 2.0000' / in.  
 PLOT DATE = 5/15/2017

DESIGNED - AFC  
 DRAWN - AFC  
 CHECKED - MJE  
 DATE - 05/15/2017

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

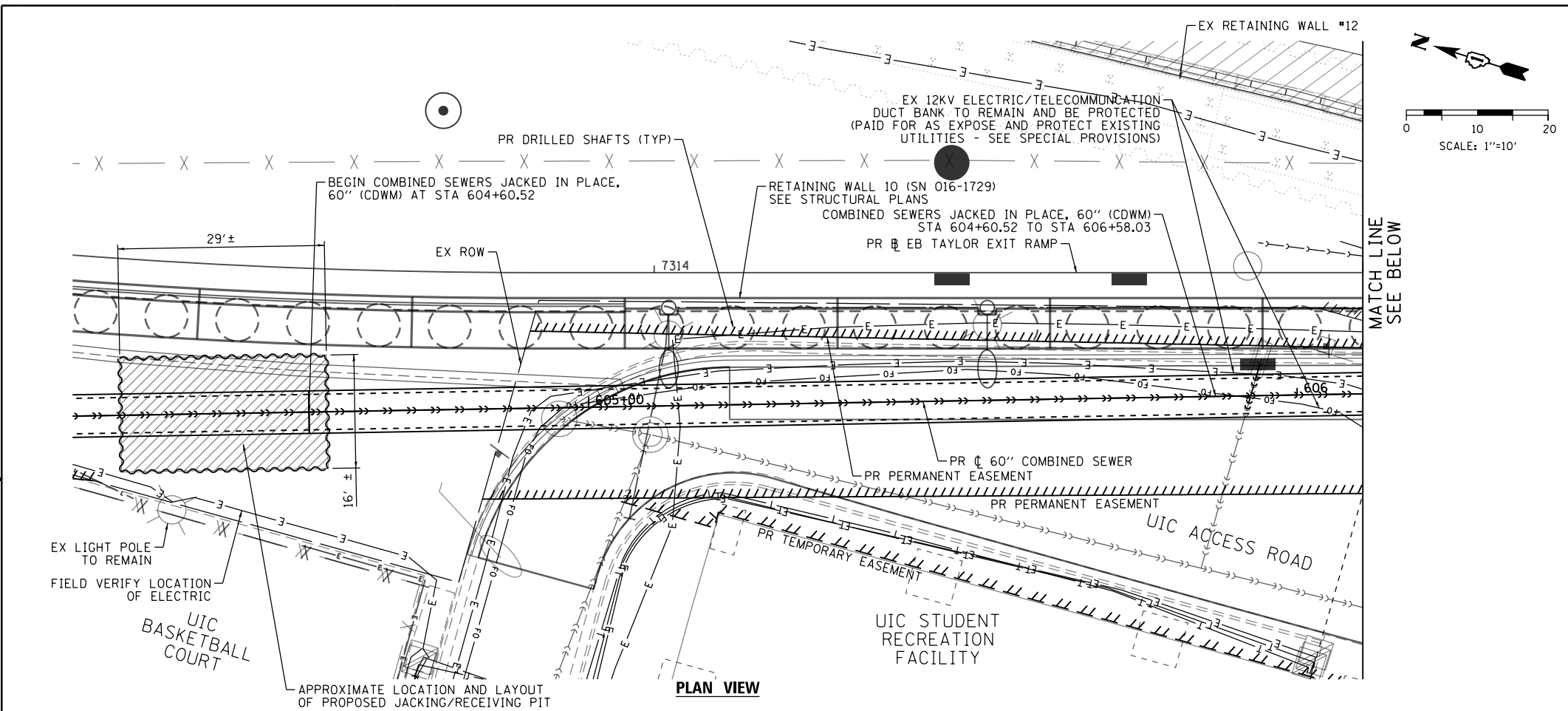
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE DETAILS  
CONCRETE COLLAR DETAIL FOR COMBINED SEWERS**




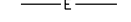
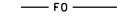
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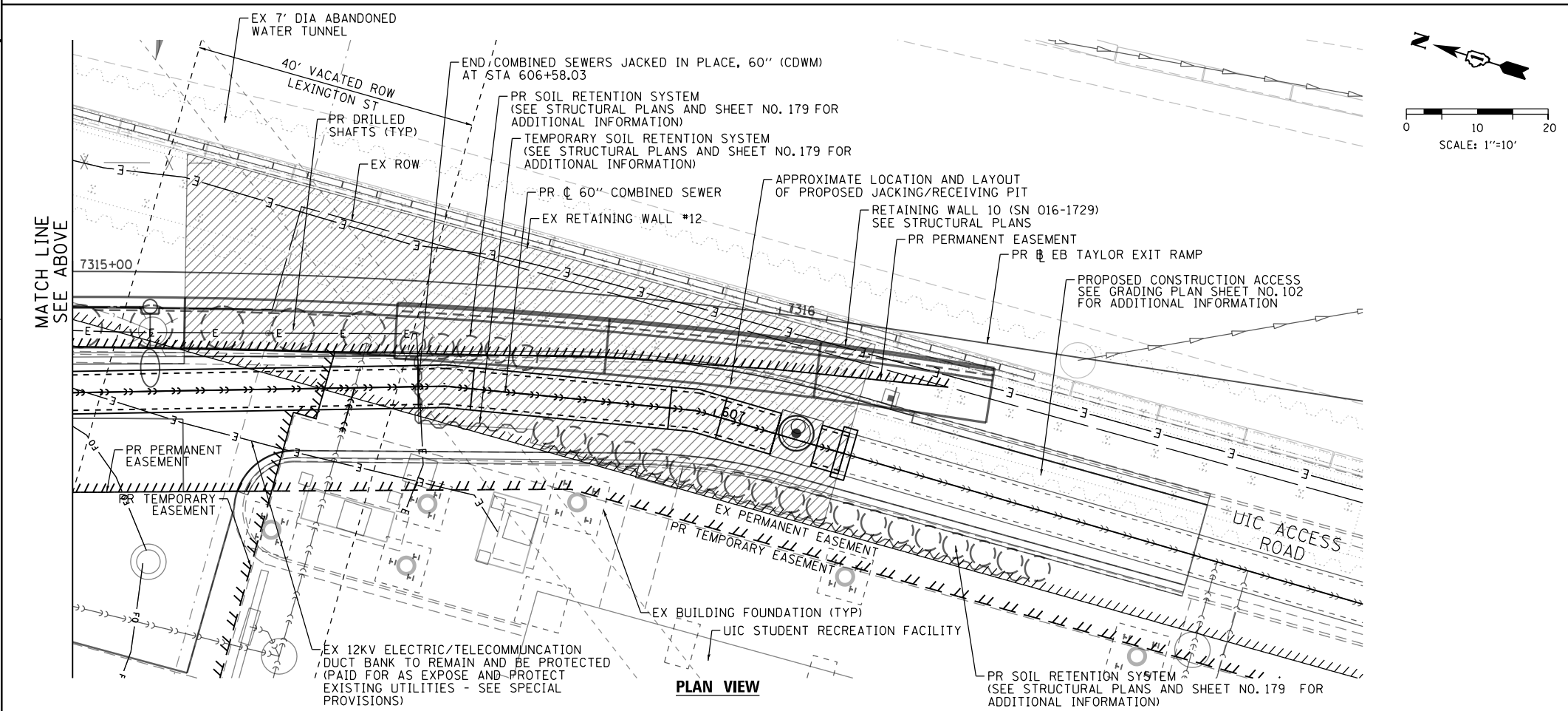
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-I	COOK	275	93
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

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**LEGEND**

-  APPROXIMATE LOCATION AND LAYOUT OF PROPOSED JACKING/RECEIVING PIT
-  TEMPORARY SOIL RETENTION SYSTEM
-  SOIL RETENTION SYSTEM (SEE STRUCTURAL PLANS)
-  EX 12KV ELECTRIC/TELECOMMUNICATION DUCT BANK TO REMAIN AND BE PROTECTED (PAID FOR AS EXPOSE AND PROTECT EXISTING UTILITIES - SEE SPECIAL PROVISIONS)
- 



- NOTES:**
1. THE CONTRACTOR SHALL PROVIDE TEMPORARY PUMPING, FLOW DIVERSION, OR OTHER METHODS SHALL BE CONSIDERED FOR DIVERTING FLOW OF THE EXISTING 60" COMBINED SEWER AND THE SANITARY CONNECTIONS FROM THE UIC STUDENT RECREATION FACILITY UNTIL ALL CONNECTIONS ARE COMPLETE. THIS WORK IS INCLUDED IN THE COST OF THE COMBINED SEWERS.
  2. THE CONTRACTOR SHALL COORDINATE WORK WITH UIC IN ADVANCE OF WORKING IN THE VICINITY OF THEIR FACILITIES.
  3. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR MUST FIELD VERIFY HORIZONTAL AND VERTICAL POSITION OF ALL EXISTING UTILITIES.
  4. THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF 3' CLEARANCE FROM THE EDGE OF THE UIC STUDENT RECREATION FACILITY OVERHANG FOR THE INSTALLATION OF THE SOIL RETENTION SYSTEM FOR THE JACKING/RECEIVING PIT.



D162474-sht-Drain-Detail-05.dgn  
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 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 5/15/2017

DESIGNED - AFC  
 DRAWN - AFC  
 CHECKED - MJE  
 DATE - 05/15/2017

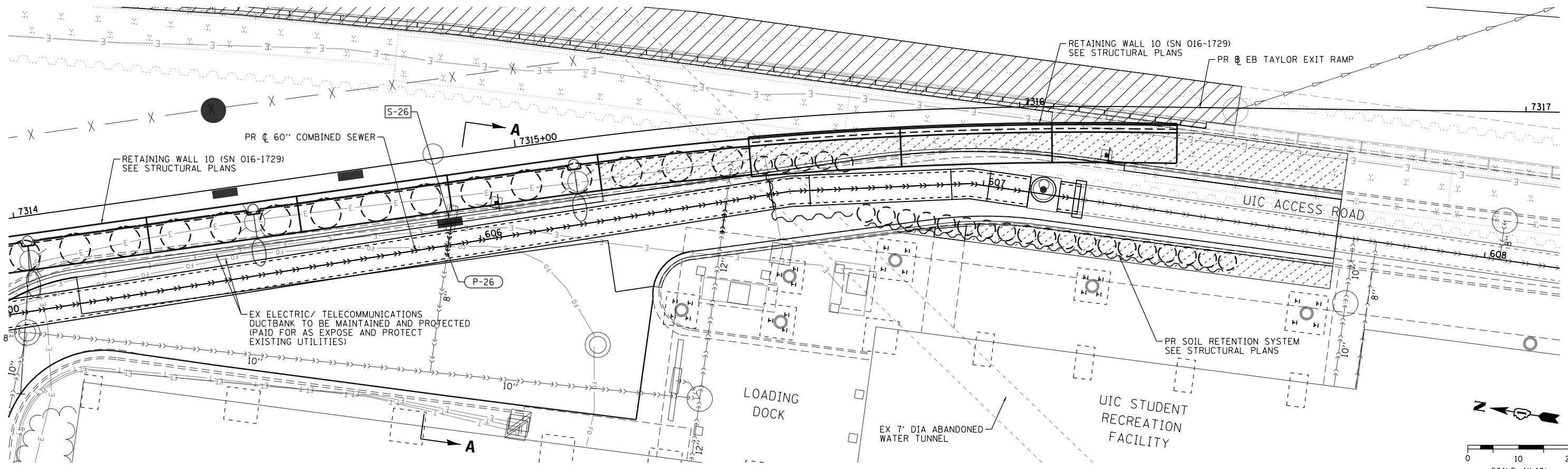
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

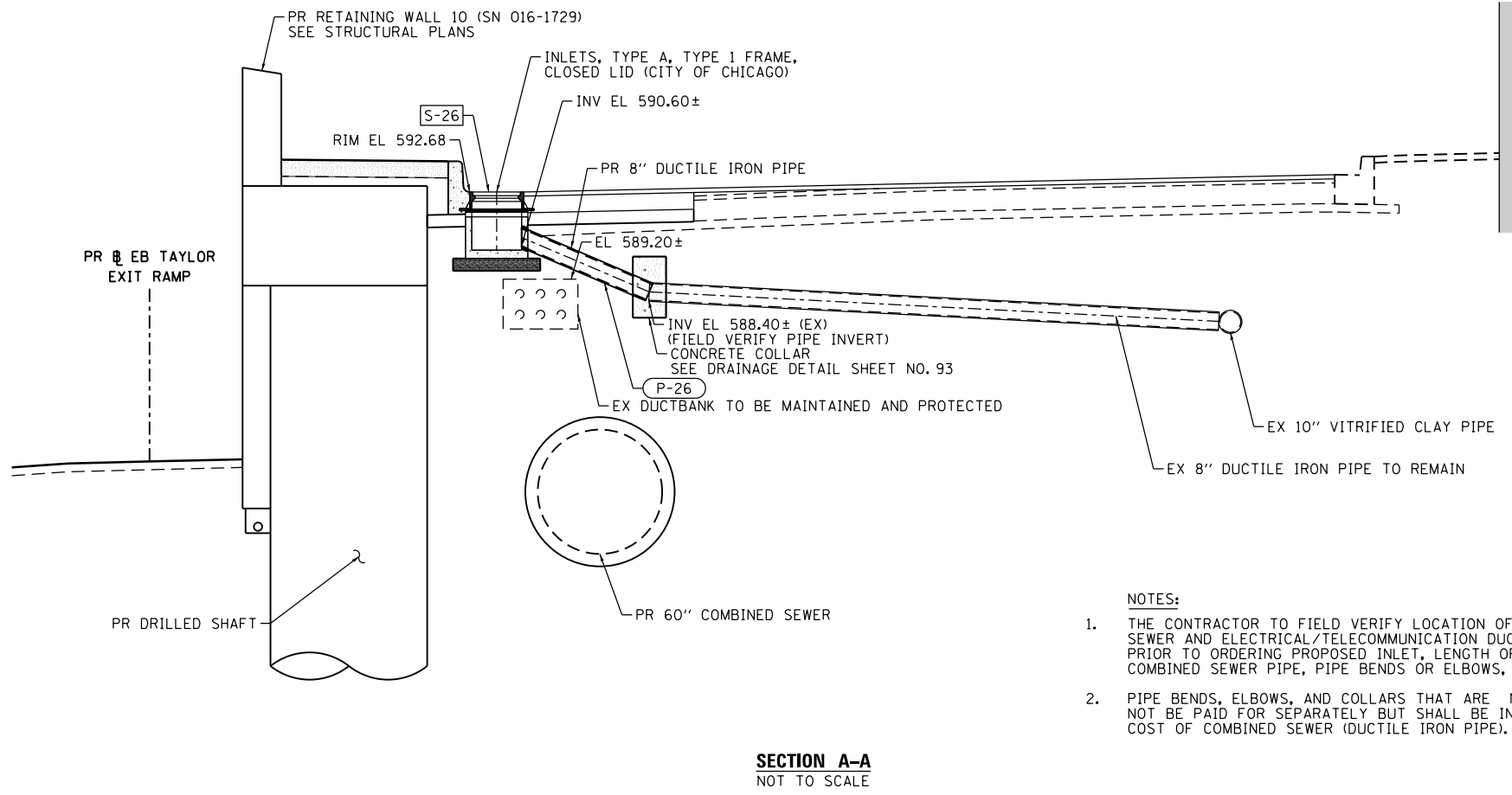
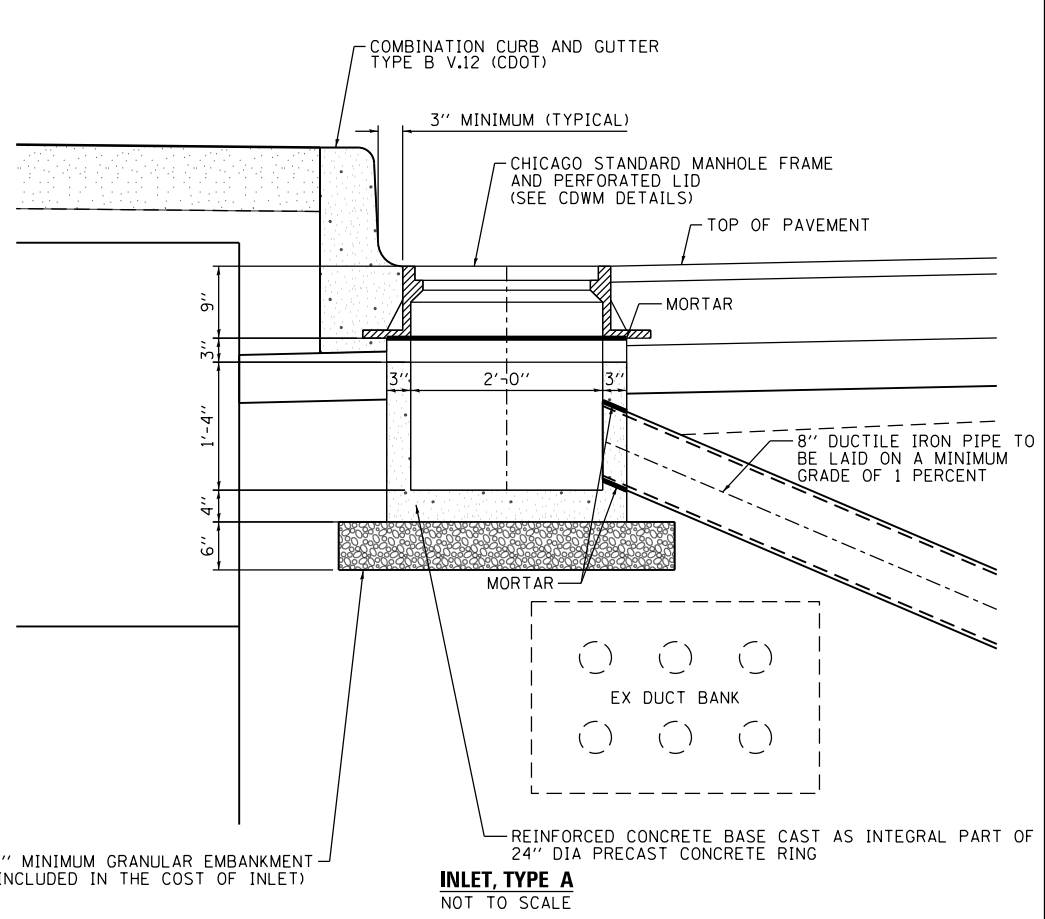
**DRAINAGE DETAILS**  
**JACKING /RECEIVING PIT FOR 60" COMBINED SEWER**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-I	COOK	275	94
CONTRACT NO. 62474				
ILLINOIS FED. AID PROJECT				



PLAN VIEW



- NOTES:
1. THE CONTRACTOR TO FIELD VERIFY LOCATION OF EXISTING SEWER AND ELECTRICAL/TELECOMMUNICATION DUCT BANK PRIOR TO ORDERING PROPOSED INLET, LENGTH OF PROPOSED COMBINED SEWER PIPE, PIPE BENDS OR ELBOWS, AND COLLAR.
  2. PIPE BENDS, ELBOWS, AND COLLARS THAT ARE NECESSARY WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF COMBINED SEWER (DUCTILE IRON PIPE).

UIC STUDENT  
RECREATION  
FACILITY

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D16274-sht-Drain-Detail-06  
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PLOT SCALE = 20.0000' / in.  
PLOT DATE = 5/15/2017

DESIGNED - AFC  
DRAWN - AFC  
CHECKED - MJE  
DATE - 05/15/2017

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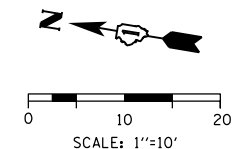
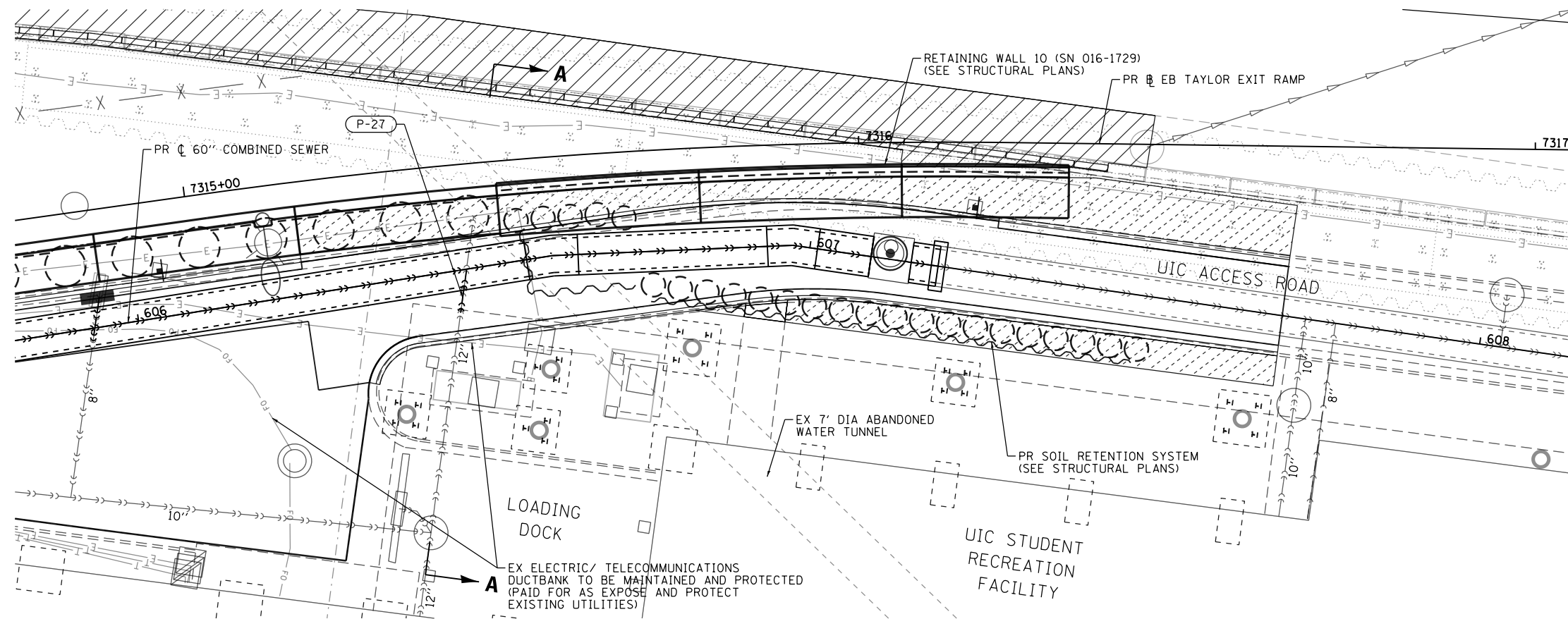
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS  
INLET DETAIL AT UIC ACCESS ROAD

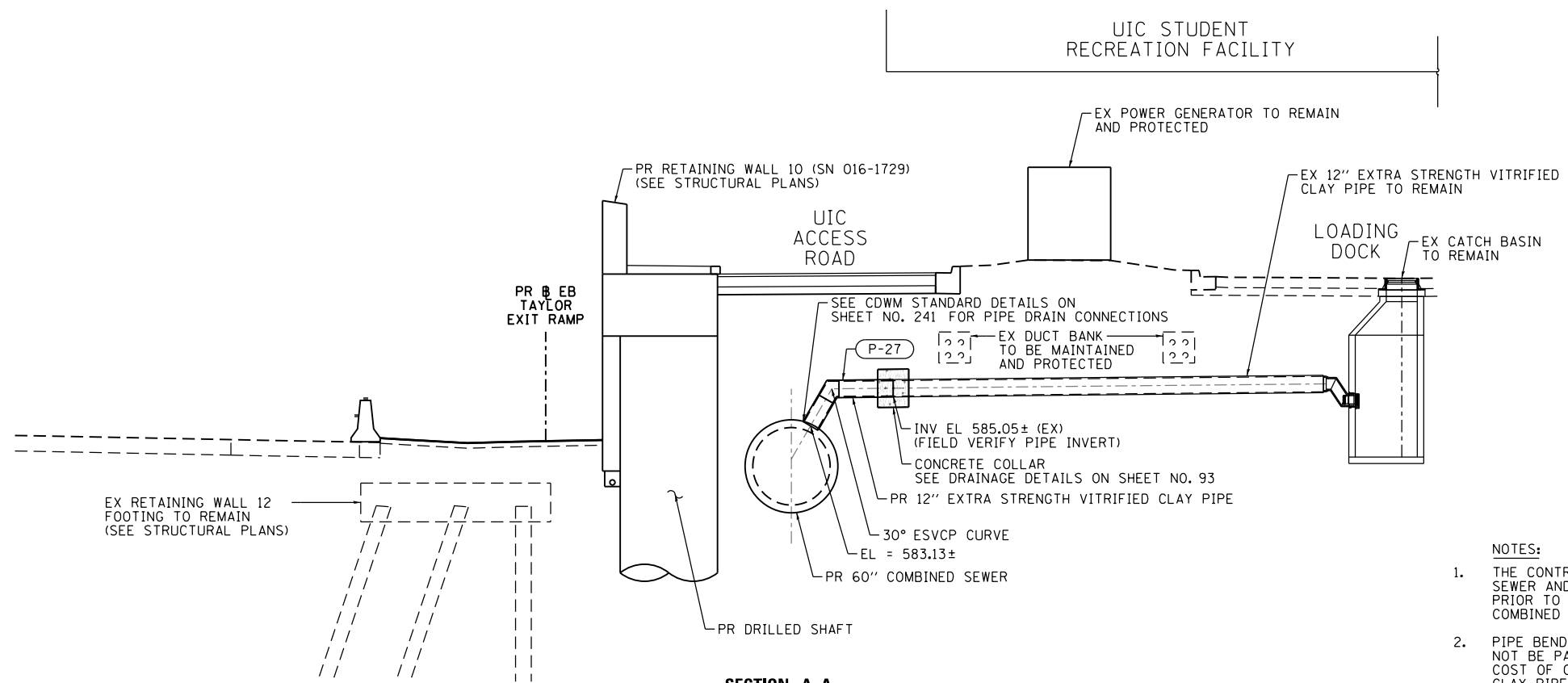
SCALE: 1"=10' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-I	COOK	275	95
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				





PLAN VIEW



SECTION A-A  
NOT TO SCALE

- NOTES:
1. THE CONTRACTOR TO FIELD VERIFY LOCATION OF EXISTING SEWER AND ELECTRICAL/TELECOMMUNICATION DUCT BANK PRIOR TO ORDERING PROPOSED LENGTH OF PROPOSED COMBINED SEWER PIPE, PIPE BENDS OR ELBOWS, AND COLLAR.
  2. PIPE BENDS, ELBOWS, AND COLLARS THAT ARE NECESSARY WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF COMBINED SEWER (EXTRA STRENGTH VITRIFIED CLAY PIPE).

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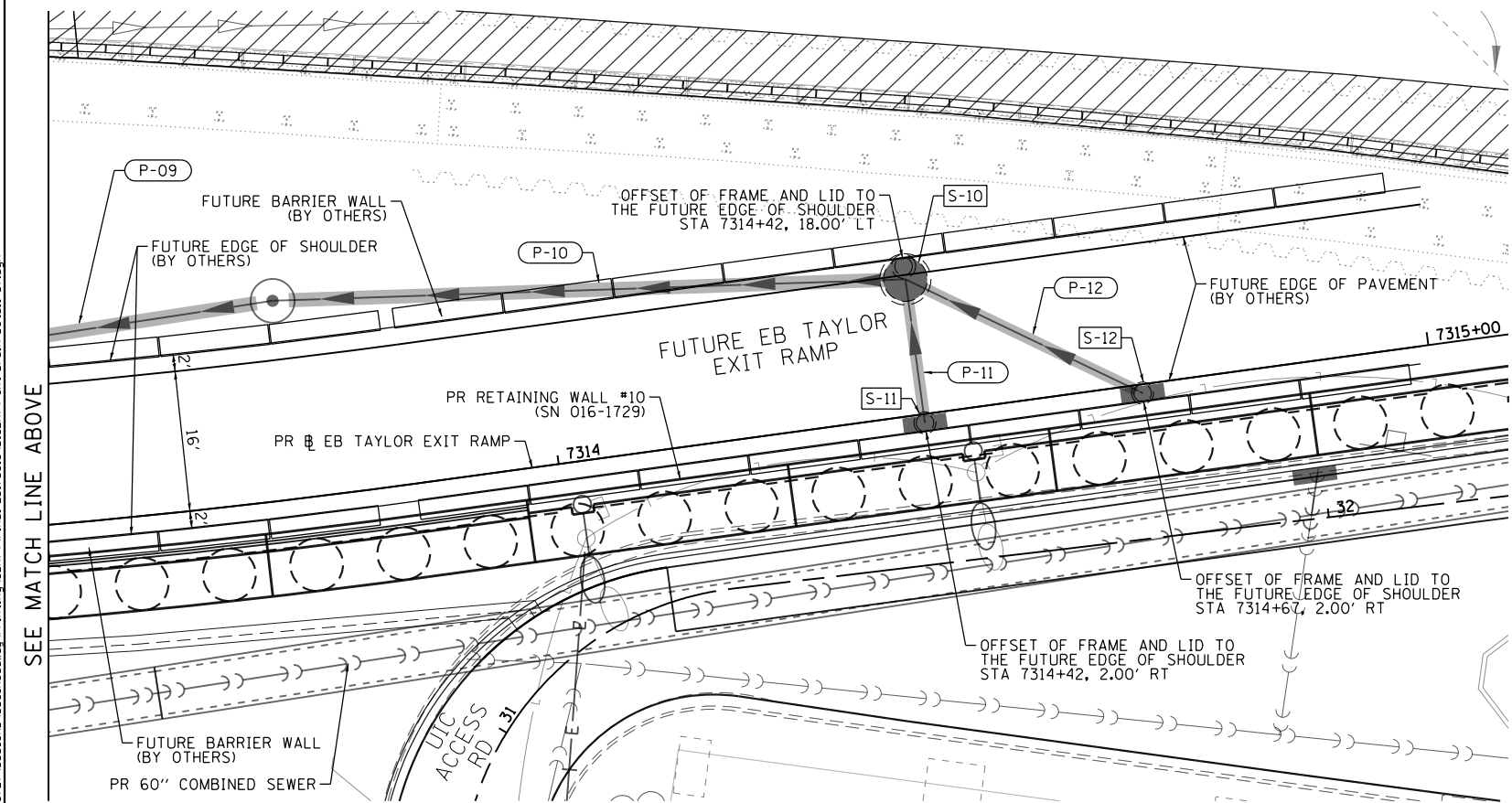
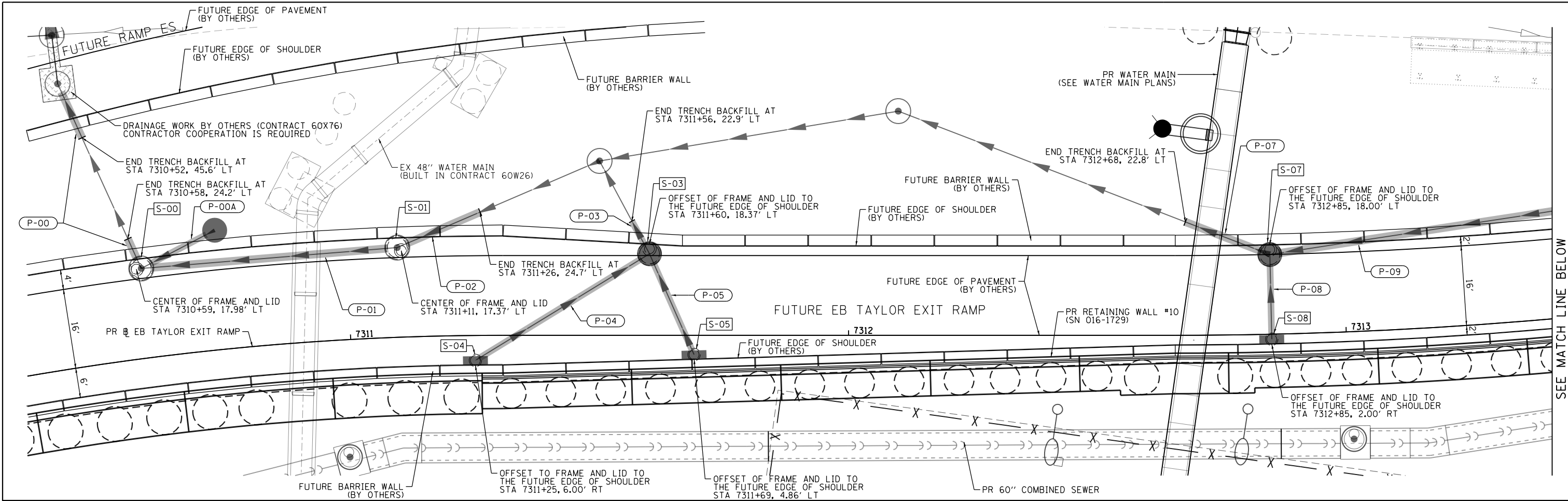
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 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 5/12/2017

DESIGNED - AFC	REVISED -
DRAWN - AFC	REVISED -
CHECKED - MJE	REVISED -
DATE - 05/15/2017	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**DRAINAGE DETAILS**  
**12" DIA ESVCV NEAR EX DUCT BANK AT UIC ACCESS ROAD**  
 SCALE: 1"=10' SHEET 1 OF 1 SHEETS STA. TO STA.





F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-I	COOK	275	96
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

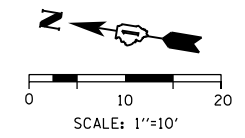


**NOTES:**

1. THE CONTRACTOR SHALL ROTATE THE RISER, ADJUSTMENT RINGS, FRAME, AND GRATE OR LID AS SHOWN ON THE DETAILS TO ACCOMMODATE THE FUTURE RAMPS.
2. THE CONTRACTOR SHALL PROVIDE TRENCH BACKFILL TO THE LIMITS SHOWN ON THE DETAIL AND AS IDENTIFIED ON THE DRAINAGE SCHEDULE TO ACCOMMODATE THE FUTURE RAMPS.
3. ALL STATIONINGS ARE FROM PR EB TAYLOR EXIT RAMP.

**LEGEND**

-  LIMITS OF TRENCH BACKFILL (SEE DRAINAGE SCHEDULE)
-  INLET WITH FRAME AND LID
-  CATCH BASIN WITH FRAME AND LID
-  MANHOLE WITH FRAME AND LID



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 PLOT DATE = 5/12/2017

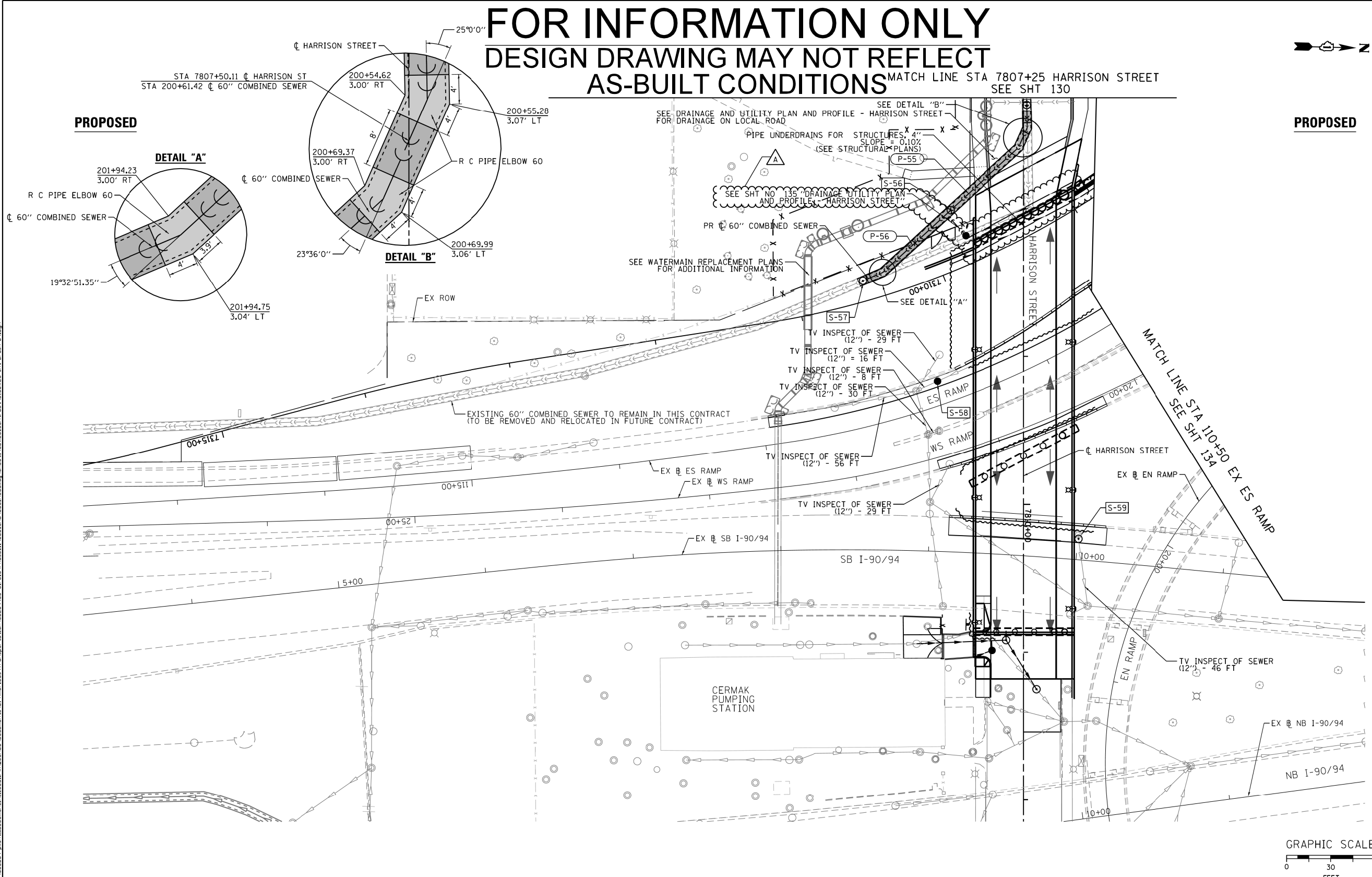
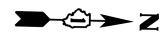
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DRAWN - AFC	REVISED -
CHECKED - MJE	REVISED -
DATE - 05/15/2017	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE DETAILS**  
**FRAME & LID LAYOUTS /TRENCH BACKFILL LIMITS ON FUTURE RAMPS**  
 SCALE: 1" = 10' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2015-022-1	COUNTY COOK	TOTAL SHEETS 275	SHEET NO. 97
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				

# FOR INFORMATION ONLY DESIGN DRAWING MAY NOT REFLECT AS-BUILT CONDITIONS

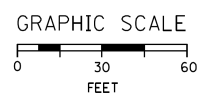


**PROPOSED**

**PROPOSED**

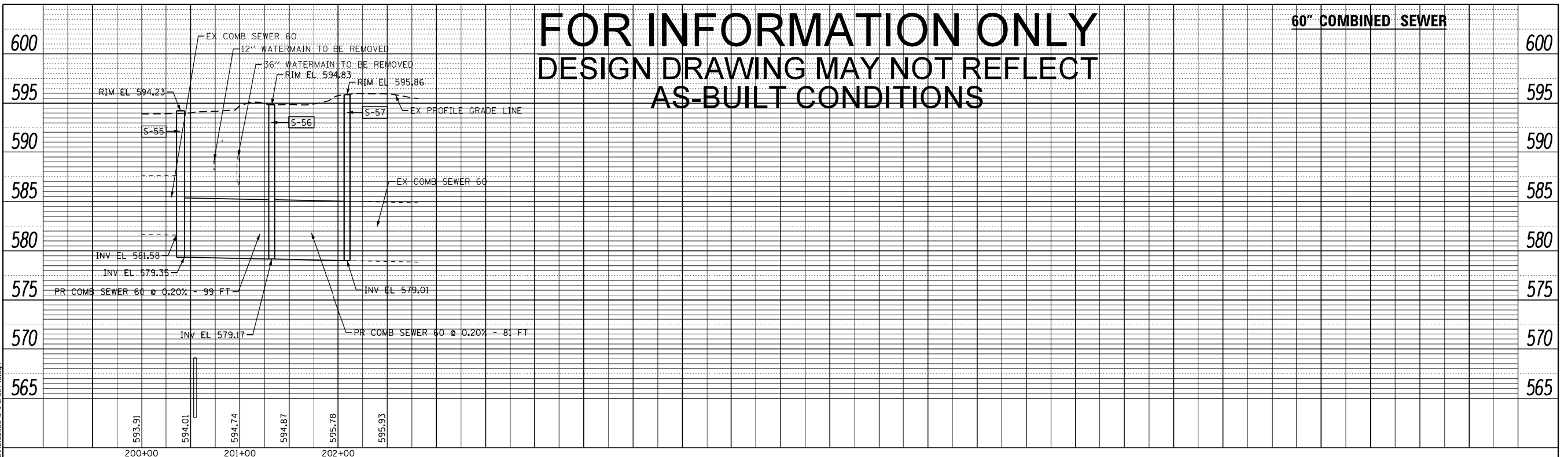
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<p>303 EAST WACKER DRIVE, SUITE 1400 CHICAGO, IL 60601-5276 PHONE: (312) 373-7700 FAX: (312) 373-6800</p>	D162A74-sht-Drain-Record-01.dgn	DESIGNED - AFC	REVISED - 10/15/2013	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITY PLAN RAMP ES AND SB I-90/94</b>		F.A.I. RTE. 90/94/290	SECTION 2013-008R	COUNTY COOK	TOTAL SHEETS 559	SHEET NO. 138	
	USER NAME = chitua	DRAWN - DMS	REVISED -		SCALE: 1"=30'	SHEET 9 OF 10 SHEETS	STA. TO STA.	CONTRACT NO. 60W26				
	PLOT SCALE = 30.0000' / in.	CHECKED - EY	REVISED -					ILLINOIS FED. AID PROJECT				
	PLOT DATE = 10/13/2013	DATE - 9/15/13	REVISED -									

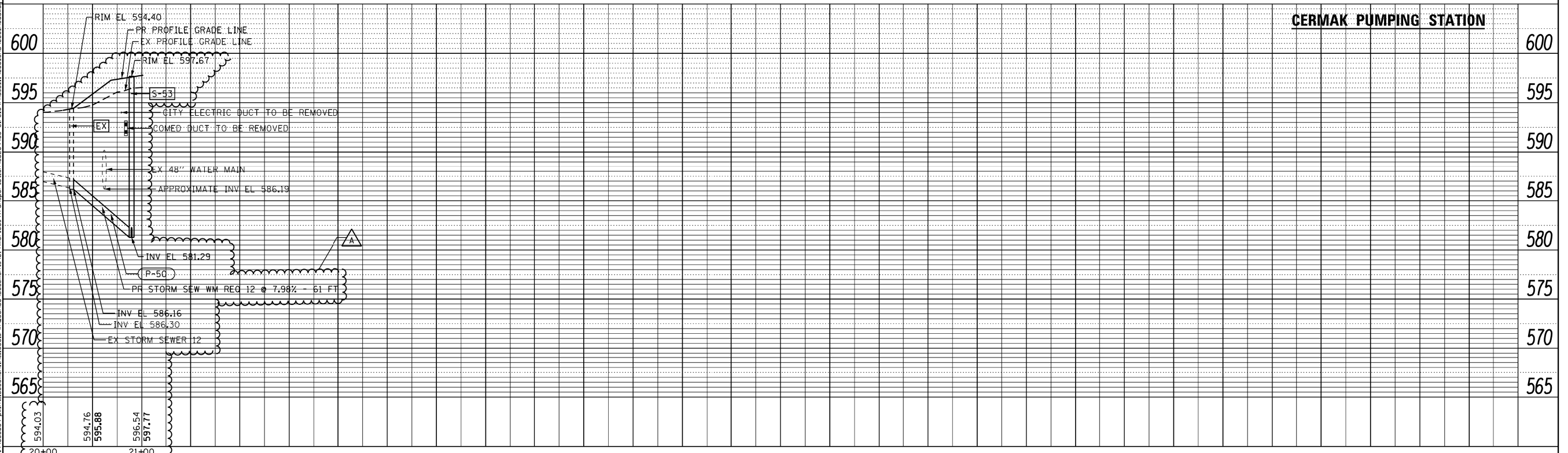


<p>303 EAST WACKER DRIVE, SUITE 1400 CHICAGO, IL 60601-5276 PHONE: (312) 373-7700 FAX: (312) 373-6800</p>	D162A74-sht-Drain-Record-01.dgn	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>RECORD PLANS FROM CONTRACT 60W26 HALSTED / HARRISON STREET</b>		F.A.I. RTE. 90/94/290	SECTION 2015-022-1	COUNTY COOK	TOTAL SHEETS 275	SHEET NO. 98	
	USER NAME = dishevoz	DRAWN -	REVISED -		SCALE:	SHEET 1 OF 2 SHEETS	STA. TO STA.	CONTRACT NO. 62A74				
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					ILLINOIS FED. AID PROJECT				
	PLOT DATE = 5/12/2017	DATE - 05/15/2017	REVISED -									

**FOR INFORMATION ONLY  
DESIGN DRAWING MAY NOT REFLECT  
AS-BUILT CONDITIONS**



**NOTES:**  
EXISTING UTILITIES SHOWN ARE FOR LATERAL REFERENCE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING ALL EXISTING SEWERS AND UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL REFER TO THE UTILITY LOCATION PLANS FOR ADDITIONAL INFORMATION.

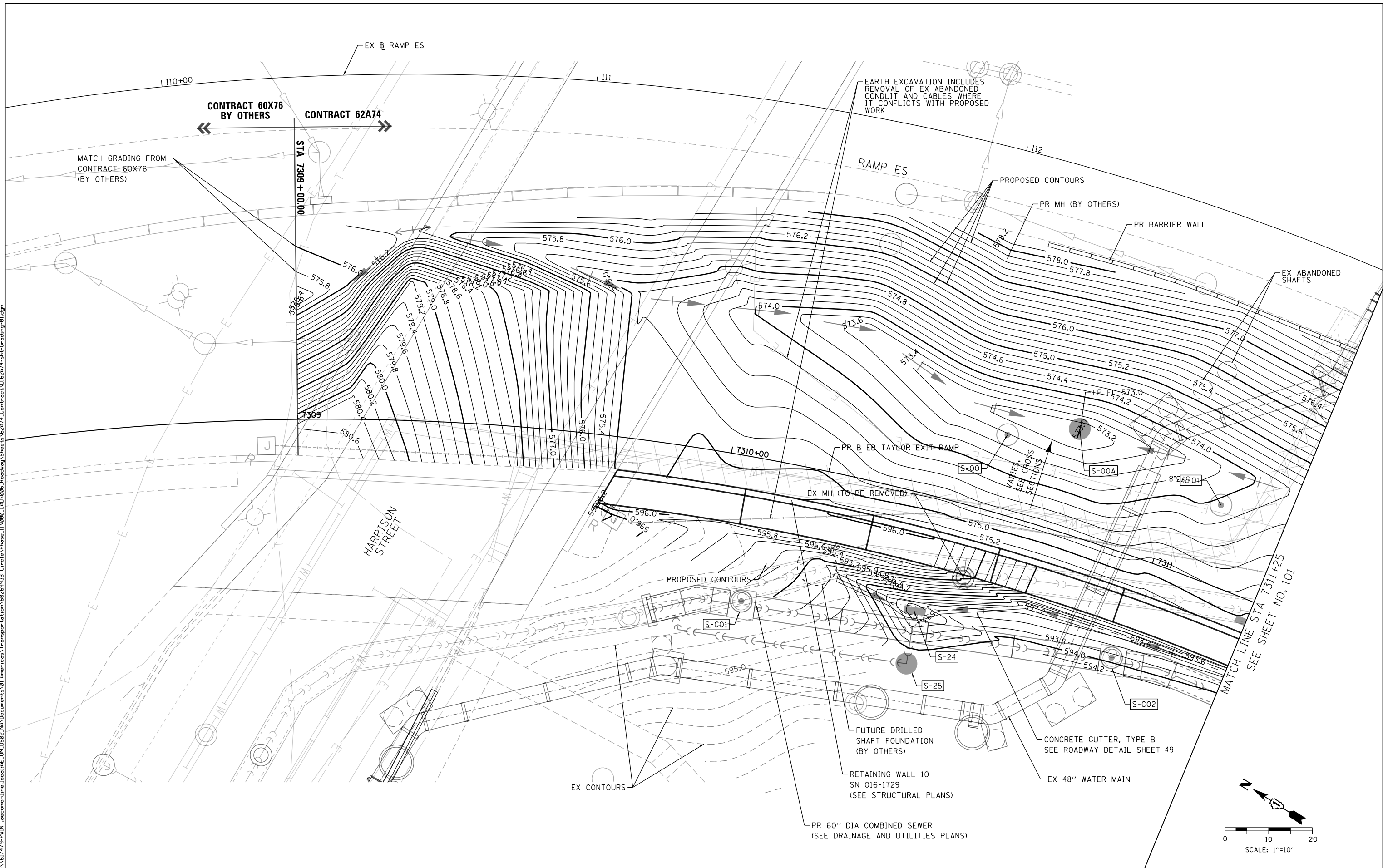


<p>303 EAST WACKER DRIVE, SUITE 1400 CHICAGO, IL 60601-5276 PHONE: (312) 373-7700 FAX: (312) 373-6800</p>	0162474-sht-Drain-Record-02.dgn USER NAME = chshevz PLOT SCALE = 40.0000' / in. PLOT DATE = 5/12/2017	DESIGNED - AFC DRAWN - AFC CHECKED - EY DATE - 09/15/13	REVISED -  10/15/2013 REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITY PROFILE 60" COMBINED SEWER / CERMAK PUMPING STATION</b>	F.A.I. RTE. 90/94/290 SECTION 2013-008R COUNTY COOK TOTAL SHEETS 559 SHEET NO. 139	CONTRACT NO. 60W26 ILLINOIS FED. AID PROJECT
	SCALE: SHEET 10 OF 10 SHEETS STA. TO STA.						

<p>303 EAST WACKER DRIVE, SUITE 1400 CHICAGO, IL 60601-5276 PHONE: (312) 373-7700 FAX: (312) 373-6800</p>	0162474-sht-Drain-Record-02.dgn USER NAME = chshevz PLOT SCALE = 40.0000' / in. PLOT DATE = 5/12/2017	DESIGNED - DRAWN - CHECKED - DATE - 05/15/2017	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>RECORD PLANS FROM CONTRACT 60W26 HALSTED / HARRISON STREET</b>	F.A.I. RTE. 90/94/290 SECTION 2015-022-1 COUNTY COOK TOTAL SHEETS 275 SHEET NO. 99	CONTRACT NO. 62A74 ILLINOIS FED. AID PROJECT
	SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.						

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D162A74-sht-Grading-01.dgn  
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 PLOT DATE = 5/15/2017

DESIGNED - OPS	REVISED -
DRAWN - OPS	REVISED -
CHECKED - MJE	REVISED -
DATE - 05/15/2017	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**GRADING PLAN**

SCALE: 1" = 10' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2015-022-I	COOK	275	100
CONTRACT NO. 62A74				
ILLINOIS FED. AID PROJECT				