

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	1
ILLINOIS			CONTRACT NO. 60W71	

FOR INDEX OF SHEETS AND STANDARDS SEE SHEET NO. 2 AND 3

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED HIGHWAY PLANS

*254 & 25=281

PROJECT LOCATED IN CITY OF CHICAGO

D-91-227-13



LOCATION OF SECTION INDICATED THUS: -



FAI ROUTE 90/94/290 (I-90/94/290)
FROM CIRCLE INTERCHANGE TO
HARRISON STREET BRIDGE (EAST)
SECTION 2013-036R
BRIDGE REPLACEMENT,
ROADWAY RECONSTRUCTION,
RESURFACING AND LIGHTING
PROJECT: ACNHPP-0005(959)
COOK COUNTY
C-91-360-13

NPDES PERMIT INFORMATION	
NPDES Disturbed	
Area =	0.82 Acres
Approximate Location of Roadway is:	
Longitude	87° 38' 40.25" W
Latitude	41° 52' 27.51" N

DESIGN DESIGNATIONS:	POSTED /DESIGN SPEEDS:
HARRISON STREET	17,000(2040) COLLECTOR (URBAN)
NB I-90/94	81,000(2040) INTERSTATE
NW RAMP	36,000(2040) INTERSTATE
	25 /25 MPH
	45 /60 MPH
	35 /35 MPH

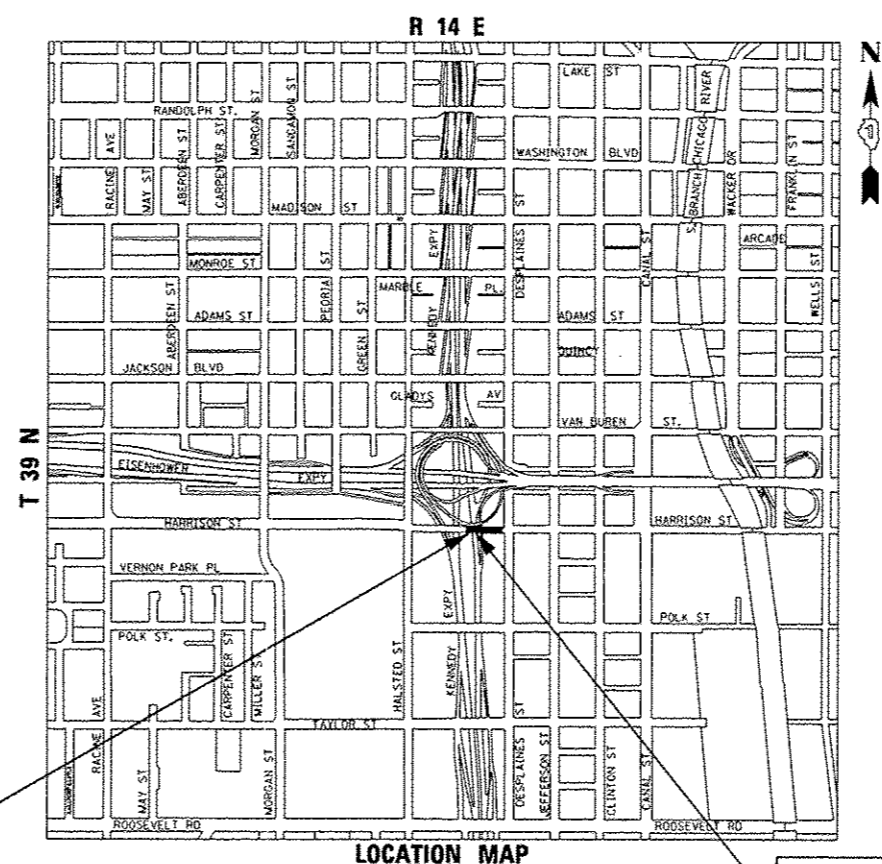
04-25-14 LETTING ITEM 006

D.B. Manojlovski 12/6/13
DANNY B. MANOJLOVSKI DATE
REGISTERED PROFESSIONAL ENGINEER
LICENSE EXPIRES 11/30/2015
SHEET RANGE 1-54, 58-61, 66-72, 235-236, 252-256

Oranit P. Sanchez 12/16/13
ORANIT P. SANCHEZ DATE
REGISTERED PROFESSIONAL ENGINEER
LICENSE EXPIRES 11/30/2015
SHEET RANGE 1-54, 58-61, 66-72, 235-236, 252-256

William D. Stermer 12/06/13
WILLIAM D. STERMER DATE
LICENSED PROFESSIONAL ENGINEER
LICENSE EXPIRES 11/30/2015
SHEET RANGE 73-92

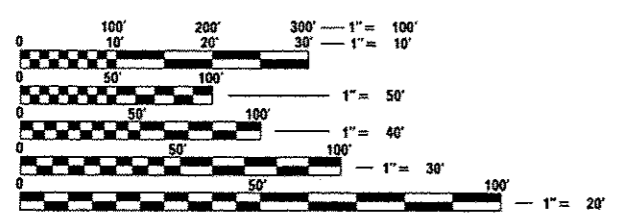
Dipal P. Vimawala 12/6/2013
DIPAL P. VIMAWALA DATE
REGISTERED STRUCTURAL ENGINEER
LICENSE EXPIRES 11/30/2014
SHEET RANGE 93-139



HARRISON STREET:
STA 7811+18.00 TO
STA 7814+50.00

HARRISON STREET BRIDGE
SN 016-1711
STA 7811+74.00 TO
STA 7813+44.25

LOCATION MAP
NOT TO SCALE
GROSS LENGTH = 332.00 FT (0.063 MILES)
NET LENGTH = 332.00 FT (0.063 MILES)



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 ULILITY ALERT NETWORK
1-312-744-7000

PROJECT ENGINEER: ADDIS ABEBAW
PROJECT MANAGER: BRIAN KUTTAB

CONTRACT NO. 60W71

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SUBMITTED *December 5 2013*
John Fortman
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
Jan 24 2014
John D. Bararelli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT
Jan 24 2014
Omer Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

Rev. PLOT DATE: 11/26/2013

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

DISTRICT 1 STANDARDS

- BD-01 DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER $\geq 15'$ (4.5 m)
- BD-07 DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER
- BD-08 DETAILS FOR FRAMES AND LIDS ADJUSTMENT FOR MILLING
- BD-17 CITY OF CHICAGO DETAILS FOR P.C. CONCRETE DRIVEWAY, ALLEY RETURN AND SIDEWALK
- BD-22 PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
- BD-24 CURB OR CURB GUTTER REMOVAL AND REPLACEMENT
- BD-48 PCC PAVEMENT ROUNDOUTS AT CURB AND GUTTER
- BD-51 BENCHING DETAIL FOR EMBANKMENT WIDENING
- BE-702 MISC. ELECTRICAL DETAILS SHEET A
- BE-900 SUSPENDED MOUNT UNDERPASS LUMINAIRE INSTALLATION DETAILS
- BE-902 PIER / ABUTMENT MOUNTED UNDERPASS LUMINAIRE INSTALLATION DETAILS
- TC-08 ENTRANCE AND EXIT RAMP CLOSURE DETAILS
- TC-09 TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE
- TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDES ROADS, INTERSECTIONS, AND DRIVEWAYS
- TC-12 MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS (2 SHEETS)
- TC-17 TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES
- TC-18 SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS
- TC-21 DETOUR SIGNING FOR CLOSING STATE HIGHWAY
- TC-22 ARTERIAL ROAD INFORMATION SIGN
- TC-24 CITY OF CHICAGO TYPICAL PAVEMENT MARKINGS (3 SHEETS)
- TC-27 MILE POST MARKERS - GORE SIGNS MAJOR GUIDE SIGN LAYOUT - ARROWS

FILE PATH : p:\1385838-projects\mccom\line\local\AECOM\88\Documents\81\America\Transportation\62257338_Circle\Phase 1\1000_D00\086_Roadway\Sheet\60W71_Contract\0160W71_Sheet\Genote-82.dgn



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PLOT SCALE : 100.0000' / 1"	CHECKED - DBM	REVISED -
PLOT DATE : 2/19/2014	DATE - 02/19/14	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DISTRICT 1 STANDARDS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	3
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

FROM CIRCLE INTERCHANGE TO HARRISON STREET BRIDGE (EB)

90% FED. / 10% STATE
CONSTRUCTION CODE

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE	HIGHWAY LIGHTING
				0004 URBAN	0011 S. N. 016-1711	0021 URBAN
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	90	90		
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	16	16		
20200100	EARTH EXCAVATION	CU YD	1305	1305		
20800150	TRENCH BACKFILL	CU YD	711.3	711.3		
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SO YD	100	100		
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	338	338		
25000210	SEEDING, CLASS 2A	ACRE	0.25	0.25		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	45	45		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	45	45		
25100135	MULCH, METHOD 4	ACRE	0.5	0.5		
25100630	EROSION CONTROL BLANKET	SO YD	986	986		
25200110	SODDING, SALT TOLERANT	SO YD	338	338		
25200200	SUPPLEMENTAL WATERING	UNIT	3.4	3.4		
28000400	PERIMETER EROSION BARRIER	FOOT	1080	1080		

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

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DATE - 12/20/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	6
CONTRACT NO. 60W71				

Rev.

ILLINOIS FED. AID PROJECT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY	BRIDGE	HIGHWAY LIGHTING
				0004 URBAN	0011 S. N. 016-1711	0021 URBAN
28000510	INLET FILTERS	EACH	20	20		
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	130	130		
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	253	253		
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	371	371		
35300400	PORTLAND CEMENT CONCRETE BASE COURSE 9"	SQ YD	233	233		
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	250	250		
40300200	BITUMINOUS MATERIALS (PRIME COAT)	TON	0.6	0.6		
40600300	AGGREGATE (PRIME COAT)	TON	1	1		
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	19	19		
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	30	30		
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	58	58		
42001200	PAVEMENT FABRIC	SQ YD	215	215		
42001300	PROTECTIVE COAT	SQ YD	974	974		
42001430	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	SQ YD	85	85		
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	618	618		
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1873.5	1873.5		

* DENOTES SPECIALTY ITEM

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205 EAST WACKER DRIVE, SUITE 1400
CHICAGO, IL 60601-3170
PHONE: (312) 313-1700 FAX: (312) 313-6800

DESIGNED - OPS
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DATE - 12/06/13

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	7
CONTRACT NO. GOW71			ILLINOIS FED. AID PROJECT	

Rev.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY	BRIDGE	HIGHWAY LIGHTING
				0004 URBAN	0011 S. N. 016-1711	0021 URBAN
44000100	PAVEMENT REMOVAL	SQ YD	383	383		
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	219	219		
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	496	496		
44000300	CURB REMOVAL	FOOT	170	170		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	420	420		
44000600	SIDEWALK REMOVAL	SQ FT	2392	2392		
44001980	CONCRETE BARRIER REMOVAL	FOOT	118	118		
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	184	184		
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1	
50157300	PROTECTIVE SHIELD	SQ YD	1128		1128	
50200100	STRUCTURE EXCAVATION	CU YD	1064		1064	
50300225	CONCRETE STRUCTURES	CU YD	335		335	
50300255	CONCRETE SUPERSTRUCTURE	CU YD	734		734	
50300260	BRIDGE DECK GROOVING	SQ YD	1068		1068	

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 14 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	8
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY	BRIDGE	HIGHWAY LIGHTING
				0004 URBAN	0011 S. N. 016-1711	0021 URBAN
50300285	FORM LINER TEXTURED SURFACE	SQ FT	1002		1002	
50300300	PROTECTIVE COAT	SQ YD	1848		1848	
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1		1	
50500505	STUD SHEAR CONNECTORS	EACH	6166		6166	
50800105	REINFORCEMENT BARS	POUND	447480		447480	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	202563	113	202450	
50800515	BAR SPLICERS	EACH	122		122	
50800530	MECHANICAL SPLICERS	EACH	440		440	
51100100	SLOPE WALL 4 INCH	SQ YD	72		72	
51500100	NAME PLATES	EACH	1		1	
51602000	PERMANENT CASING	FOOT	1266		1266	
* 51603000	DRILLED SHAFT IN SOIL	CU YD	1024		1024	
* 51604000	DRILLED SHAFT IN ROCK	CU YD	11		11	
52000110	PREFORMED JOINT STRIP SEAL	FOOT	135		135	

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

Rev.

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DATE - 12/06/13	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 4 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	9
CONTRACT NO. 60W71			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY	BRIDGE	HIGHWAY LIGHTING
				0004 URBAN	0011 S. N. 016-1711	0021 URBAN
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	24		24	
52100510	ANCHOR BOLTS, 3/4"	EACH	48		48	
52100520	ANCHOR BOLTS, 1"	EACH	24		24	
54248510	CONCRETE COLLAR	CU YD	1.9	1.9		
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	40	40		
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	151	151		
55100500	STORM SEWER REMOVAL 12"	FOOT	271	271		
56103900	DUCTILE IRON WATER MAIN, MECHANICAL JOINT 8"	FOOT	34	34		
56105000	WATER VALVES 8"	EACH	1	1		
56400500	FIRE HYDRANTS TO BE REMOVED	EACH	1	1		
56400600	FIRE HYDRANTS	EACH	1	1		
58700300	CONCRETE SEALER	SO FT	6606		6606	
59000200	EPOXY CRACK INJECTION	FOOT	5		5	
59100100	GEOCOMPOSITE WALL DRAIN	SO YD	145		145	
60107700	PIPE UNDERDRAINS 6"	FOOT	33	33		
60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	6	6		

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM



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 PLOT DATE * 12/23/2013

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 5 OF 14 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290
 SECTION 2013-036R
 COUNTY COOK
 TOTAL SHEETS 255
 SHEET NO. 10
 CONTRACT NO. 60W71
 ILLINOIS FED. AID PROJECT

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY	BRIDGE	HIGHWAY LIGHTING
				0004 URBAN	0011 S. N. 016-1711	0021 URBAN
60200205	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1		
60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	2	2		
60207005	CATCH BASINS, TYPE C, TYPE 1 FRAME, CLOSED LID	EACH	1	1		
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	1	1		
60255500	MANHOLES TO BE ADJUSTED	EACH	3	3		
60500040	REMOVING MANHOLES	EACH	2	2		
60500050	REMOVING CATCH BASINS	EACH	5	5		
60500060	REMOVING INLETS	EACH	1	1		
60500405	FILLING VALVE VAULTS	EACH	2	2		
64300240	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW) TEST LEVEL 2	EACH	1	1		
66400105	CHAIN LINK FENCE, 4'	FOOT	84		84	
66407400	CHAIN LINK GATES, 6' X 8' DOUBLE	EACH	1	1		
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1,000	1,000		
* 66900205	SPECIAL WASTE DISPOSAL	CU YD				
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1		
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2		

5 * DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
 SCALE: SHEET 6 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	EDDK	256	11
CONTRACT NO. 60W71			ILLINOIS FED. AID PROJECT	

Rev.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY	BRIDGE	HIGHWAY LIGHTING
				0004 URBAN	0011 S. N. 016-1711	0021 URBAN
66900530	SOIL DISPOSAL ANALYSIS	EACH				
67100100	MOBILIZATION	L SUM	1	1		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	136	136		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	18002	18002		
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	2872	2872		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	2872	2872		
70300530	PAVEMENT MARKING TAPE, TYPE III 5"	FOOT	107	107		
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	107	107		
70300550	PAVEMENT MARKING TAPE, TYPE III 8"	FOOT	1182	1182		
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	1182	1182		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	50 FT	293	293		
70400100	TEMPORARY CONCRETE BARRIER	FOOT	912.5	912.5		
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	150	150		
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	4	4		
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1	1		
* 72000100	SIGN PANEL - TYPE 1	50 FT	31	31		
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1		

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

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 PLOT DATE: 12/23/2013

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 DATE - 12/06/13

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 7 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	12
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY	BRIDGE	HIGHWAY LIGHTING
				0004 URBAN	0011 S. N. 016-1711	0021 URBAN
* 72400310	REMOVE SIGN PANEL - TYPE 1	SO FT	18	18		
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	15	15		
* 72900200	METAL POST - TYPE B	FOOT	14	14		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	36	36		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	410	410		
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	132	132		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	97	97		
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	270	270		
* 78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	1736	1736		
* 78005120	EPOXY PAVEMENT MARKING - LINE 5"	FOOT	569	569		
* 78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	1642	1642		
* 78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	214	214		
* 78006100	PREFORMED THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	26	26		
* 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SO FT	10	10		

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

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 PLOT DATE: 12/23/2013

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 DATE - 12/06/13

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 8 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	13
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY	BRIDGE	HIGHWAY LIGHTING
				0004 URBAN	0011 S. N. 016-1711	0021 URBAN
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	530	530		
* 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	1035	1035		
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	24	24		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	16	16		
* 78200530	BARRIER WALL MARKERS, TYPE C	EACH	7	7		
78300100	PAVEMENT MARKING REMOVAL	SQ FT	4978	4978		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	16	16		
* 81100320	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	610			610
* 81100805	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT	95			95
* 81101005	CONDUIT ATTACHED TO STRUCTURE, 4" DIA., PVC COATED GALVANIZED STEEL	FOOT	1650			1650
* 81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	840			840
* 81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	3			3
* 81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	9			9
* 81300830	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 8"	EACH	5			5

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

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 DATE - 12/06/13

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 9 OF 14 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R		256	14
CONTRACT NO. 60W71			ILLINOIS FED. AID PROJECT	

Rev.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY	BRIDGE	HIGHWAY LIGHTING
				0004	0011	0021
				URBAN	S. N. 016-1711	URBAN
* 81603081	UNIT DUCT, 600V, 3-1C NO. 2, 1/C NO. 4 GROUND. (XLP-TYPE USE) 1 1/2" DIA. POLYETHYLENE	FOOT	150			150
* 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	2050			2050
* 82107100	UNDERPASS LUMINAIRE, 70 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	3			3
* 82107200	UNDERPASS LUMINAIRE, 100 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	6			6
* 84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	18			18
* 84200804	REMOVAL OF POLE FOUNDATION	EACH	2			2
Z0004552	APPROACH SLAB REMOVAL	SQ YD	527	527		
* Z0007118	UNTREATED TIMBER LAGGING	SQ FT	458		458	
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	78		78	
Z0012755	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SQ FT	13		13	
Z0013302	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	59	59		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
Z0022800	FENCE REMOVAL	FOOT	145	145		
Z0026404	FURNISHING SOLDIER PILES (W SECTION)	FOOT	323		323	

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

Rev.

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 DATE - 12/06/13

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 10 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	15
CONTRACT NO. 60W71				

ILLINOIS FED. AID PROJECT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY	BRIDGE	HIGHWAY LIGHTING
				0004 URBAN	0011 S. N. 016-1711	0021 URBAN
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	100	100		
* Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	15			15
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	266		266	
Z0073002	TEMPORARY SOIL RETENTION SYSTEM	SO FT	481		481	
∅ Z0076600	TRAINEES	HOUR	1,000	1,000		
∅ Z0076604	TRAINEES-TRAINING PROGRAM GRADUATE	HOUR	1,000	1,000		
X0322024	TRENCH DRAIN	EACH	1	1		
* X0322141	REMOVE TEMPORARY WOOD POLE	EACH	11			11
X0323407	FLAG POLES	EACH	1	1		
* X0324198	REMOVAL OF ASBESTOS CEMENT CONDUIT	FOOT	2460			2460
X0324455	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	3101		3101	
* X0324571	MAINTENANCE OF STREET LIGHTING SYSTEM (CITY OF CHICAGO)	L SUM	1			1
X0325154	MASONRY RECONSTRUCTION	SQ YD	2	2		
X0325207	TELEVISION INSPECTION OF SEWER	FOOT	752	752		
X0325279	CLASS S1 CONCRETE (MISCELLANEOUS)	CU YD	69		69	

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

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 DATE - 12/06/13

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 11 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	255	16
CONTRACT NO. 60W71			ILLINOIS FED. AID PROJECT	

Rev.

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY	BRIDGE	HIGHWAY LIGHTING
				0004 URBAN	0011 S. N. 016-1711	0021 URBAN
* X0325349	TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)	FOOT	87.5	87.5		
* X0325815	REMOVE EXISTING CABLE	FOOT	1595			1595
* X0326326	CABLE IN CONDUIT, TRIPLEX, 2-1/C NO. 6 AND 1-1/C NO. 8 GROUND	FOOT	925			925
X0326486	DECORATIVE RAILING (PARAPET MOUNTED)	FOOT	405		405	
** X0326801	COMBINED SEWERS TO BE CLEANED	FOOT	132	132		
X0326935	CROSSHOLE SONIC LOGGING	EACH	3		3	
X0327070	REMOVE EXISTING FLAGPOLE	EACH	1	1		
X0327357	CONSTRUCTION VIBRATION MONITORING	L SUM	1	1		
X0327614	COMBINED SEWER REMOVAL 12"	FOOT	133	133		
X0327615	COMBINED SEWER REMOVAL 8"	FOOT	48	48		
* X0327616	MAINTAINING ITS DURING CONSTRUCTION	CAL MO	15			15
X0327646	REMOVE GATE POSTS	EACH	2	2		
X0327648	COMBINED SEWER REMOVAL 60"	FOOT	57	57		
X0327649	SOIL RETENTION SYSTEM	SO FT	1636		1636	
X0327745	FOUNDATION CONSTRUCTION AT TUNNEL/ EXISTING SHAFT OBSTRUCTIONS	EACH	19		19	

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM (100% STATE)

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 12 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	255	17
CONTRACT NO. 60W71			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY	BRIDGE	HIGHWAY LIGHTING
				0004	0011	0021
				URBAN	S. N. 016-1711	URBAN
* X0370017	DRILL MANHOLE OR HANDHOLE CHICAGO	EACH	13			13
* X0370047	INSTALL LIGHT POLE, MAST ARM AND LUMINAIRE (CHICAGO)	EACH	6			6
* X0370049	UNDERGROUND CONDUIT, PVC, 2" DIA., SCHEDULE 80 (CDOT)	FOOT	165			165
* X0370068	CONCRETE FOUNDATION, 24" DIAMETER, 1 1/4" ANCHOR RODS, 15" BOLT CIRCLE (CDOT)	EACH	2			2
X0370069	COMBINED SEWER (EXTRA STRENGTH VITRIFIED CLAY PIPE) 8 INCH (CDOT)	FOOT	101	101		
X0370071	COMBINED SEWER, (WATER MAIN REQUIREMENTS), 12 INCH CDOT	FOOT	38	38		
* X0370074	RACKING CABLES IN MANHOLE OR HANDHOLE (CDOT)	EACH	3			3
* X0370075	UNDERGROUND CONDUIT, PVC, 4" DIA., SCHEDULE 80 (CDOT)	FOOT	930			930
<input type="checkbox"/> X0370076	ROD AND CLEAN DUCT IN EXISTING CONDUIT SYSTEM (CDOT)	FOOT	125			125
X0370080	COMBINATION CURB AND GUTTER TYPE B V. 12 (CDOT)	FOOT	308.5	308.5		
X0370081	SAND CUSHION, 4 INCH, (CDOT)	50 FT	1819	1819		
<input type="checkbox"/> * X0370085	CLEAN MANHOLE OR HANDHOLE (CDOT)	EACH	3			3
X0370135	CONCRETE CURB, TYPE B (SPECIAL) (CDOT)	FOOT	235	235		
X0370164	MANHOLES TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	EACH	1	1		
X0370168	COMBINED SEWER, CLASS A, TYPE 3, 60" (CDWM)	FOOT	16	16		

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

NP - 100% CDOT

Rev.



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 PLOT DATE: 12/23/2013

DESIGNED - OPS
 DRAWN - OPS
 CHECKED - DBM
 DATE - 12/06/13

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
 SCALE: SHEET 13 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	18
CONTRACT NO. 60W71				

ILLINOIS FED. AID PROJECT

FILE PATH: I:\13-1223-90R\060W71-shl-SDD.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY	BRIDGE	HIGHWAY LIGHTING
				0004 URBAN	0011 S. N. 016-1711	0021 URBAN
X0370185	COMBINED SEWER (EXTRA STRENGTH VITRIFIED CLAY PIPE) 12 INCH (CDOT)	FOOT	32	32		
X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	100	100		
X4060110	BITUMINOUS MATERIALS (PRIME COAT)	POUND	1400	1400		
X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	17	17		
* * X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	222	222		
* * X5538000	STORM SEWERS TO BE CLEANED 18"	FOOT	22	22		
X5610708	WATER MAIN REMOVAL, 8"	FOOT	29	29		
X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	212		212	
X6011705	PIPE DRAINS 6" (SPECIAL)	FOOT	6	6		
X6020083	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)	EACH	1	1		
X6020270	MANHOLES TYPE B, 4' DIA., TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	EACH	1	1		
X6022505	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)	EACH	3	3		
X6028000	MANHOLES TO BE RECONSTRUCTED (SPECIAL)	EACH	1	1		
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	8	8		
X6640050	CHAIN LINK FENCE, 42" ATTACHED TO STRUCTURE (SPECIAL)	FOOT	33		33	
X6640200	TEMPORARY CHAIN LINK FENCE	FOOT	69	69		

* DENOTES SPECIALTY ITEM

* * DENOTES NON-PARTICIPATING ITEM (100% STATE)

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 PLOT DATE: 12/23/2013

DESIGNED - OPS
 DRAWN - OPS
 CHECKED - DBM
 DATE - 12/05/13

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.I. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	19
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY	BRIDGE	HIGHWAY LIGHTING
				0004 URBAN	0011 S. N. 016-1711	0021 URBAN
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	15	15		
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1		
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1		
X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	136	136		
X7200305	SIGN PANEL - TYPE 3 (SPECIAL)	SQ FT	43	43		
* X7035104	TEMPORARY EPOXY PAVEMENT MARKING - LINE 4"	FOOT	4637	4637		
* X7035105	TEMPORARY EPOXY PAVEMENT MARKING - LINE 5"	FOOT	709	709		
* X7035108	TEMPORARY EPOXY PAVEMENT MARKING - LINE 8"	FOOT	3391	3391		
* X7035112	TEMPORARY EPOXY PAVEMENT MARKING - LINE 12"	FOOT	405	405		
X0327699	STEEL SECURITY FENCE	FOOT	46	46		
X0327700	STEEL SECURITY GATE, 12'	EACH	2	2		
* B7300748	ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 19 100 PAIR	FOOT	14000			14000
* X0370186	ELECTRICAL MANHOLE, 3' X 4' X 4', 30" FRAME AND LID (CDOT)	EACH	1			1
* X6050040	REMOVING MANHOLES, SPECIAL	EACH	1			1

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

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300 EAST WACKER DRIVE, SUITE 1400
CHICAGO, IL 60601-3179
PHONE: (312) 313-1700 FAX: (312) 313-6600

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CHECKED - DBM
DATE - 12/06/13

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	19A
CONTRACT NO. GOW71			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY	BRIDGE	HIGHWAY LIGHTING
				0004 URBAN	0011 S. N. 016-1711	0021 URBAN
X6050405	FILLING VALVE VAULTS, SPECIAL	EACH	2	2		
	COMBINED SEWER (EXTRA-STRENGTH VITRIFIED CLAY PIPE) 12" INCH (CDDP)	FOOT	32	32		
	COMBINED SEWER, CLASS A, TYPE 3, 60" (CDWM)	FOOT	16	16		
X5619548	TAPPING VALVES AND SLEEVES 48"	EACH	1	1		
X5619648	REMOVE AND REPLACE TAPPING SLEEVES, 48"	EACH	1	1		

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM



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 DATE - 12/06/13 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

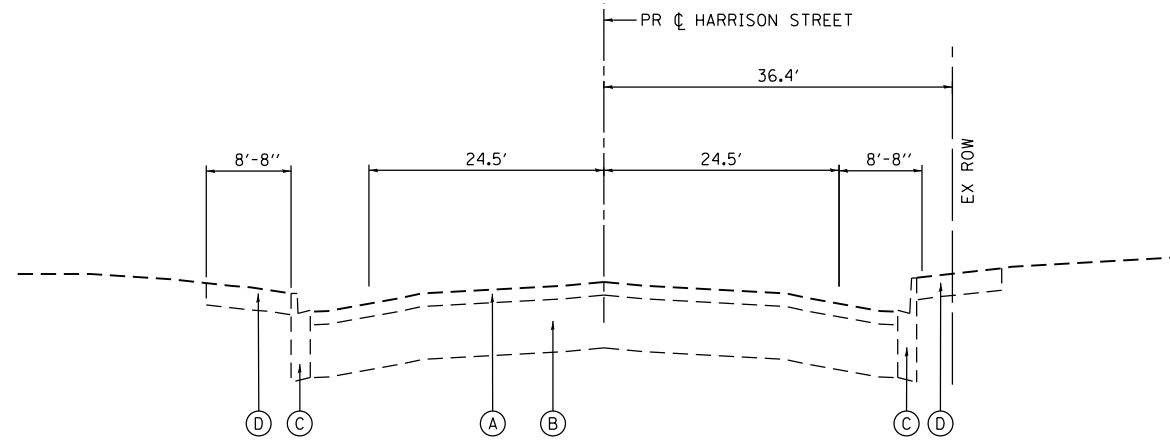
SUMMARY OF QUANTITIES
 SCALE: SHEET 14B OF 14 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-036R	COUNTY COOK	TOTAL SHEETS 256	SHEET NO. 198
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

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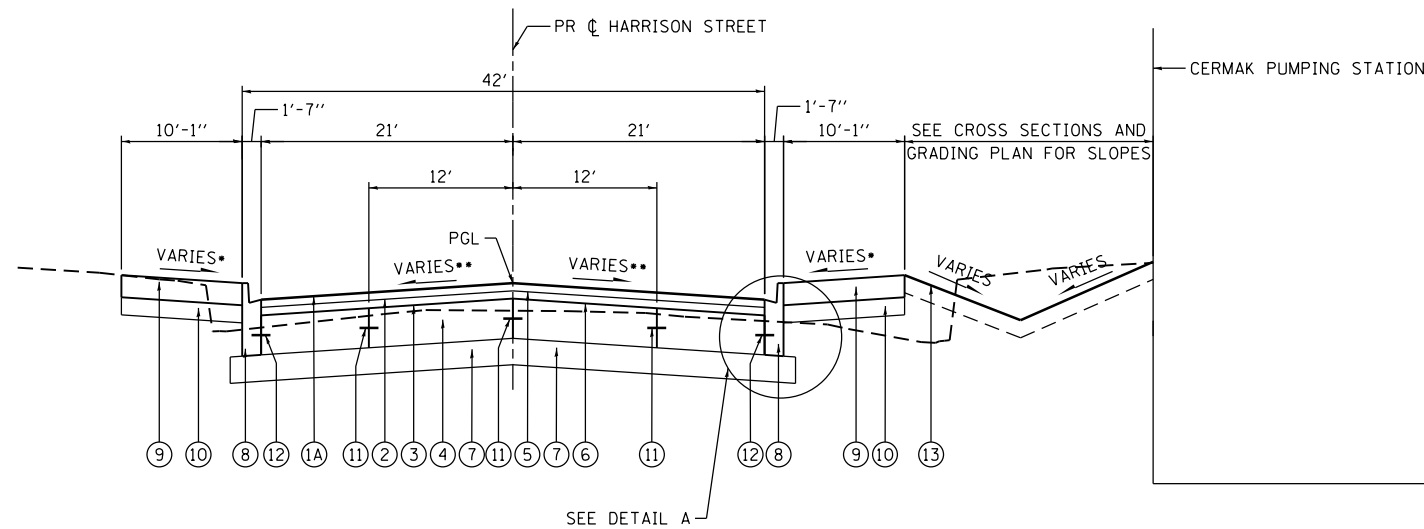
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**1 EXISTING TYPICAL SECTION
HARRISON STREET**

STA 7811+18.00 TO STA 7814+50.00

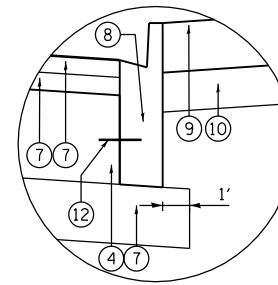


**2 PROPOSED TYPICAL SECTION
HARRISON STREET**

STA 7811+18.00 TO STA 7811+44.50
STA 7813+79.75 TO STA 7814+10.00

- SEE NOTE 1
- SEE NOTE 2

BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)
STA 7811+18.00 TO STA 7811+24.00
STA 7811+38.50 TO STA 7811+44.50
STA 7813+73.75 TO STA 7813+79.75



DETAIL A

EXISTING

- (A) HOT-MIX ASPHALT PAVEMENT, 2 3/4" - 5"
- (B) PORTLAND CEMENT CONCRETE PAVEMENT, 11" - 1 1/4"
- (C) B-V.12 CONCRETE CURB AND GUTTER
- (D) P.C. CONCRETE SIDEWALK

PROPOSED

- (1A) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 3/4"
- (1B) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
- (3) PAVEMENT FABRIC
- (4) PORTLAND CEMENT CONCRETE BASE COURSE, 9"
- (5) BITUMINOUS MATERIALS (PRIME COAT)
- (6) AGGREGATE (PRIME COAT)
- (7) SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- (8) COMBINATION CURB AND GUTTER TYPE B V.12 (CDOT)
- (9) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (10) SUBBASE GRANULAR MATERIAL, TYPE B 4"
- (11) #5 TIE BARS, 30" LONG AT 30" C-C (LONGITUDINAL CONSTRUCTION JOINT) (INCLUDED IN PRICE FOR BID FOR PCC BASE COURSE)
- (12) #5 TIE BARS, 30" LONG AT 30" C-C (INCLUDED IN PRICE FOR BID FOR CURB AND GUTTER)
- (13) TOPSOIL FURNISH AND PLACE, 4"
- (14) LEVELING BINDER (MACHINE METHOD), N70, 3/4"
- (15) #5 TIE BARS, 18" LONG AT 30" C-C (INCLUDED IN PRICE FOR BID FOR PCC BASE COURSE)
- (16) CLASS D PATCHES, TYPE IV, 12 INCH
- (17) PAVEMENT MARKINGS (SEE PAVEMENT MARKING PLAN)

NOTES:

1. AS INDICATED ON THE ROADWAY PLANS, TYPICALLY AT LEAST 6' OF PROPOSED SIDEWALK WIDTH MUST HAVE A CROSS SLOPE OF 1:64 OR LESS.
2. TYPICAL LOCAL ROADWAY CROSS SLOPE VARIES BETWEEN 1.4% AND 3.6% AS INDICATED ON THE PLANS. SEE ROADWAY AND GRADING PLAN DETAILS FOR ROADWAY SLOPE TRANSITIONS.
3. PCC BASE COURSE SHALL HAVE TRANSVERSE CONTRACTION JOINTS AT A 20' MAXIMUM SPACING. (INCLUDED IN PRICE FOR BID FOR PCC BASE COURSE)

HOT MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS (%) @ND5
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm): 1-1/2" AND 1-3/4"	4% @ 70 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70: 2-1/4"	4% @ 70 GYR
LEVELING BINDER (MACHINE METHOD), N70: 3/4"	4% @ 70 GYR

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SO YD/IN.
2. THE AC TYPE FOR POLYMERIZED HMA MIXTURES SHALL BE "SBS/SBR PG 76-22" AND 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.



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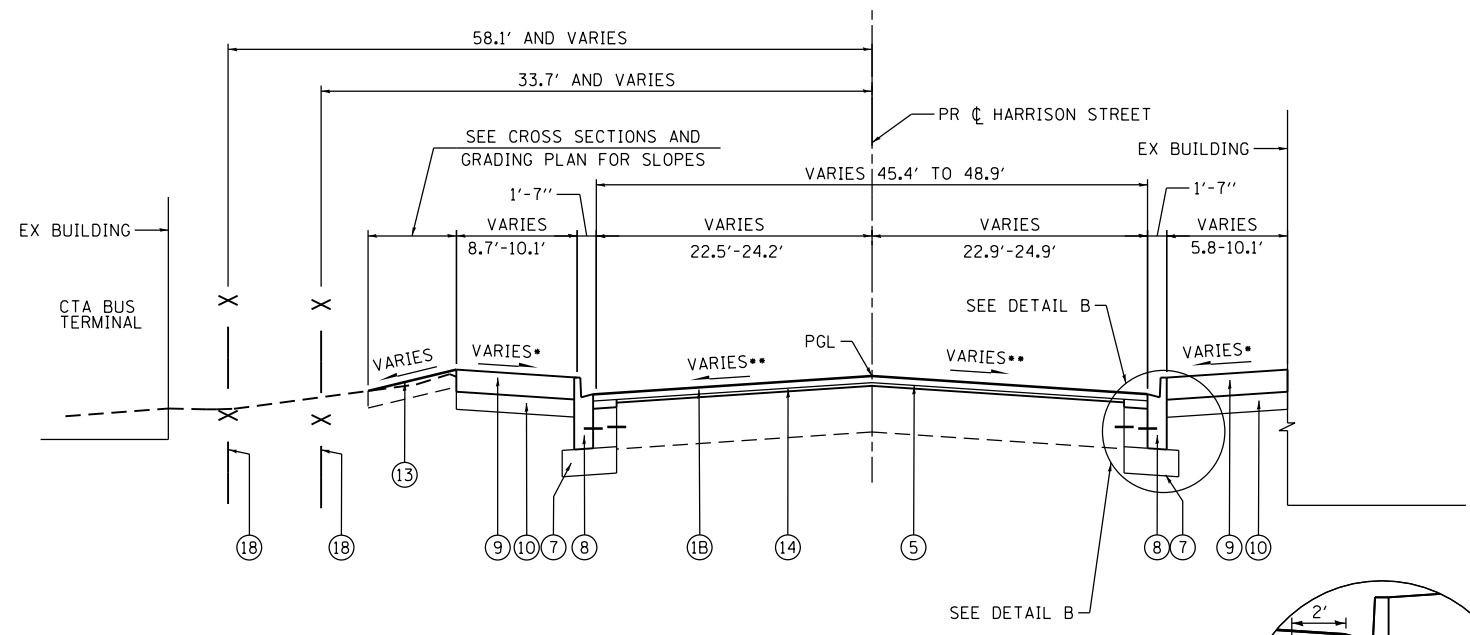
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
HARRISON STREET**

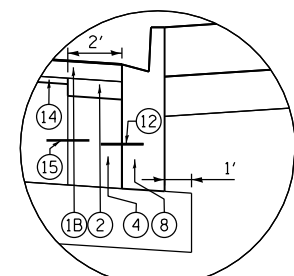
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	20
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				



**3 PROPOSED TYPICAL SECTION
HARRISON STREET RESURFACING**

STA 7814+10.00 TO STA 7814+50.00
 * SEE NOTE 1
 ** SEE NOTE 2
 DRIVEWAY LT (CTA BUS TURN OUT) - CL STA 7814+06.85



DETAIL B

EXISTING

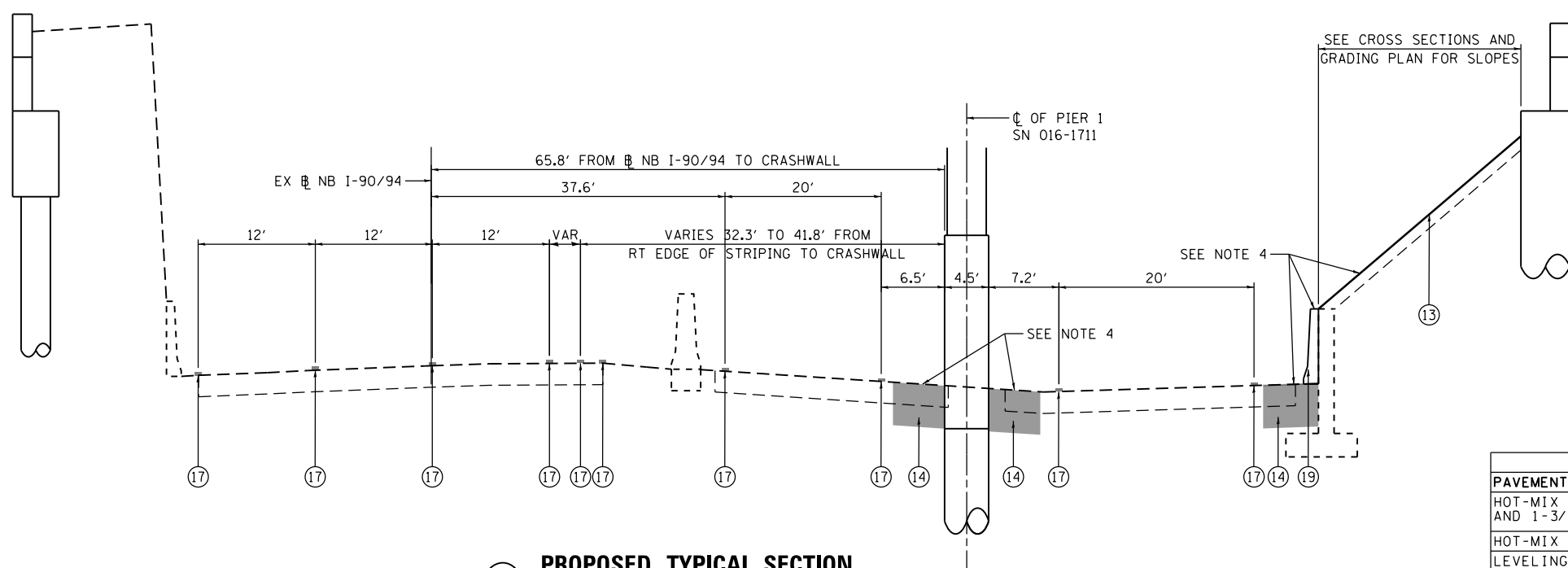
- (A) HOT-MIX ASPHALT PAVEMENT, 2 3/4" - 5"
- (B) PORTLAND CEMENT CONCRETE PAVEMENT, 11" - 11 1/4"
- (C) B-V.12 CONCRETE CURB AND GUTTER
- (D) P.C. CONCRETE SIDEWALK

PROPOSED

- (1A) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 3/4"
- (1B) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
- (3) PAVEMENT FABRIC
- (4) PORTLAND CEMENT CONCRETE BASE COURSE, 9"
- (5) BITUMINOUS MATERIALS (PRIME COAT)
- (6) AGGREGATE (PRIME COAT)
- (7) SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- (8) COMBINATION CURB AND GUTTER TYPE B V.12 (CDOT)
- (9) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (10) SUBBASE GRANULAR MATERIAL, TYPE B 4"
- (11) *5 TIE BARS, 30" LONG AT 30" C-C (LONGITUDINAL CONSTRUCTION JOINT) (INCLUDED IN PRICE FOR BID FOR PCC BASE COURSE)
- (12) *5 TIE BARS, 30" LONG AT 30" C-C (INCLUDED IN PRICE FOR BID FOR CURB AND GUTTER)
- (13) TOPSOIL FURNISH AND PLACE, 4"
- (14) LEVELING BINDER (MACHINE METHOD), N70, 3/4"
- (15) *5 TIE BARS, 18" LONG AT 30" C-C (INCLUDED IN PRICE FOR BID FOR PCC BASE COURSE)
- (16) CLASS D PATCHES, TYPE IV, 12 INCH
- (17) PAVEMENT MARKINGS (SEE PAVEMENT MARKING PLAN)
- (18) TEMPORARY CHAIN LINK FENCE
- (19) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)

NOTES:

1. AS INDICATED ON THE ROADWAY PLANS, TYPICALLY AT LEAST 6' OF PROPOSED SIDEWALK WIDTH MUST HAVE A CROSS SLOPE OF 1:64 OR LESS.
2. TYPICAL LOCAL ROADWAY CROSS SLOPE VARIES BETWEEN 1.4% AND 3.6% AS INDICATED ON THE PLANS. SEE ROADWAY AND GRADING PLAN DETAILS FOR ROADWAY SLOPE TRANSITIONS.
3. PCC BASE COURSE SHALL HAVE TRANSVERSE CONTRACTION JOINTS AT A 20' MAXIMUM SPACING. (INCLUDED IN PRICE FOR BID FOR PCC BASE COURSE).
4. PRIOR TO COMMENCING THE WORK THE CONTRACTOR SHALL COORDINATE WITH WORK UNDER CONTRACT 60W28. THE ACTUAL NEED OF THIS WORK SHALL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. UPON COORDINATION ANY WORK NOT REQUIRED SHALL BE DELETED FROM THIS CONTRACT. COOPERATION BETWEEN CONTRACTORS WILL BE REQUIRED.



**4 PROPOSED TYPICAL SECTION
NB I-90/94**

LOOKING NORTH

HOT MIX ASPHALT MIXTURE REQUIREMENTS

PAVEMENT RESURFACING	MIXTURE TYPE	AIR VOIDS (%) @ND5
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm): 1-1/2" AND 1-3/4"		4% @ 70 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70: 2-1/4"		4% @ 70 GYR
LEVELING BINDER (MACHINE METHOD), N70: 3/4"		4% @ 70 GYR

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SO YD/IN.
2. THE AC TYPE FOR POLYMERIZED HMA MIXTURES SHALL BE "SBS/SBR PG 76-22" AND 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.

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 USER NAME = pimsarno
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 2/20/2014

DESIGNED - OPS
 DRAWN - OPS
 CHECKED - DBM
 DATE - 02/19/14

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
HARRISON STREET AND NB I-90/94**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	20A
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

REMOVAL SCHEDULE

LOCATION	STATION	TO	STATION	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4'	DRIVEWAY PAVEMENT REMOVAL	CURB REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL	CONCRETE BARRIER REMOVAL	REMOVE EXISTING FLAGPOLE	APPROACH SLAB REMOVAL	FENCE REMOVAL	REMOVE GATE POSTS
				UNIT	UNIT	SO YD	SO YD	SO YD	FOOT	FOOT	SO FT	FOOT	EACH	SO YD	FOOT	EACH
HARRISON STREET				76	16	383	219	453	170	420	2392	-	1	527	116	2
I-90/94 NORTHBOUND				14	-	-	-	-	-	-	-	118	-	-	29	-
ROUNDED TOTAL				90	16	383	219	453	170	420	2392	118	1	527	145	2

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USER NAME = pimsarno	DRAWN - OPS	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - DBM	REVISED -
PLOT DATE = 2/20/2014	DATE - 02/19/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE:	SHEET 1 OF 3 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	21
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

ROADWAY SCHEDULE

LOCATION	STATION	TO	STATION	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	AGGREGATE SUBGRADE IMPROVEMENT	SUBBASE GRANULAR MATERIAL, TYPE B, 4"	SUBBASE GRANULAR MATERIAL, TYPE B, 6"	PORTLAND CEMENT CONCRETE BASE COURSE 9"	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	LEVELLING BINDER (MACHINE METHOD), N70	HOT-MIX ASPHALT BINDER COURSE, 1L-19.0 N70	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	PAVEMENT FABRIC	PROTECTIVE COAT	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	CLASS D PATCHES, TYPE IV, 12 INCH	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	CHAIN LINK GATES, 6' X 8' DOUBLE	BARRIER WALL MARKERS, TYPE C	FLAG POLES	TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)
				SO YD	CU YD	SO YD	SO YD	SO YD	POUND	TON	TON	TON	TON	SO YD	SO YD	SO YD	SO FT	SO YD	EACH	EACH	EACH	EACH	FOOT	
HARRISON STREET				100	130	210	371	233	1400	0.6	19	30	58	215	931	85	575	1873.5	-	-	1	-	1	-
I-90/94 NORTHBOUND				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	184	1	-	7	-	87.5
ROUNDED TOTAL				100	130	210	371	233	1400	1	19	30	58	215	931	85	575	1873.5	184	1	1	7	1	87.5

LOCATION	STATION	TO	STATION	ORNAMENTAL FENCE, WROUGHT IRON	TEMPORARY CHAIN LINK FENCE	COMBINATION CURB AND GUTTER TYPE B V. 12 (C00T)	CONCRETE CURB, TYPE B (SPECIAL) (C00T)	DETECTABLE WARNINGS (SPECIAL)	SEGMENTAL CONCRETE BLOCK WALL
				FOOT	FOOT	FOOT	FOOT	SO FT	SO FT
HARRISON STREET				24	69	308.2	234.9	17	59.0
I-90/94 NORTHBOUND				-	-	-	-	-	-
ROUNDED TOTAL				24	69	308.5	235.0	17	59.0

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D160W71-sht-Schedule-02.dgn
 USER NAME = pimsarno
 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 2/20/2014

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CHECKED - DBM	REVISED -
DATE - 02/19/14	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	22
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

EARTHWORK SCHEDULE

FROM STATION	TO STATION	EARTH EXCAVATION (20200100)	EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE) [EARTH EXCAVATION * 0.85]	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
		CUYD	CUYD	CUYD	CUYD
HARRISON STREET					
7811+03.60	7811+10.00	0	0	10	-10
7811+10.00	7811+18.00	0	0	22	-22
7811+18.00	7811+33.70	4	3	64	-61
7811+33.70	7811+44.50	8	7	31	-24
7811+44.50	7811+50.00	6	5	9	-4
7811+50.00	7811+70.17	16	14	56	-42
7811+70.17	7811+74.00	3	3	11	-8
BRIDGE OMISSION					
7813+08.17	7813+10.00	24	20	3	17
7813+10.00	7813+20.00	317	269	0	269
7813+20.00	7813+30.00	395	336	0	336
7813+30.00	7813+44.25	249	212	1	211
7813+44.25	7813+73.75	82	70	10	60
7813+73.75	7813+79.75	16	14	3	11
7813+79.75	7814+00.00	63	54	10	44
7814+00.00	7814+10.00	48	41	5	36
7814+10.00	7814+50.00	74	63	71	-8
TOTAL		1305	1109	306	803
ROUNDED TOTAL		1305	1110	310	805

• NOT A PAY ITEM.

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USER NAME = pimsarno	DRAWN - OPS	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - DBM	REVISED -
PLOT DATE = 2/19/2014	DATE - 02/19/14	REVISED -

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DATE - 02/19/14	REVISED -

**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	2013-036R	COOK	256	23
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

EXISTING UTILITY STRUCTURE SCHEDULE

STATION	OFFSET	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EXISTING VENT STRUCTURE - BASE OF VENT TO BE BURIED *	FILLING VALVE VAULTS	FILLING VALVE VAULTS (SPECIAL)	FIRE HYDRANTS TO BE REMOVED	REMOVE EXISTING VALVE AND VAULT	COMMENTS
		(EA)	(EA)	(EA)	(EA)	(EA)	(EA)	
HARRISON STREET								
7810+81.93	65.24 RT	1						CITY OF CHICAGO WATER MAIN STRUCTURE
7810+98.76	58.07 RT	1						CITY OF CHICAGO WATER MAIN STRUCTURE
7811+14.66	37.91 RT	1						CITY OF CHICAGO WATER VALVE VAULT
7811+19.78	41.90 RT		1					CITY OF CHICAGO WATER VENT STRUCTURE
7811+25.19	29.67 LT				1			CITY OF CHICAGO WATER VAULT TO BE FILLED (LARGE DIAMETER)
7811+29.93	8.59 RT	1						CITY OF CHICAGO ELECTRICAL MANHOLE
7811+38.74	8.42 RT	1						CITY OF CHICAGO ELECTRICAL MANHOLE
7811+66.78	95.30 RT	1						CITY OF CHICAGO WATER MAIN STRUCTURE
7811+67.48	34.71 RT						1	CITY OF CHICAGO WATER MAIN STRUCTURE
7811+72.36	59.81 RT	1						CITY OF CHICAGO WATER MAIN STRUCTURE
7811+89.65	27.02 RT					1		CITY OF CHICAGO FIRE HYDRANT
7813+57.30	22.82 RT			1				UNKNOWN WATER MAIN STRUCTURE
7813+76.48	28.05 LT				1			CITY OF CHICAGO WATER VAULT TO BE FILLED (LARGE DIAMETER)
7813+97.52	22.29 RT			1				UNKNOWN WATER MAIN STRUCTURE
7814+06.17	10.80 RT	1						CITY OF CHICAGO ELECTRICAL MANHOLE
TOTALS		8	1	2	2	1	1	

* NOT A PAY ITEM

WATER MAIN SCHEDULE

UPSTREAM STATION	DOWNSTREAM STATION	DUCTILE IRON WATER MAIN, MECHANICAL JOINT 8"	WATER MAIN REMOVAL, 8"	TRENCH BACKFILL
		FOOT	FOOT	CU YD
EAST CERMAK PUMPING STATION DRIVEWAY				
10+48	10+73	34		24.4
10+87	10+98		29	20.8
ROUNDED TOTAL		34	29	45.2

NOTES:

- ADDITIONAL TRENCH BACKFILL QUANTITY PROVIDED ON THE DRAINAGE AND UTILITY SCHEDULES FOR EXISTING AND PROPOSED DRAINAGE PIPES.

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 USER NAME = ch1ue
 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 2/21/2014

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**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	2013-036R	COOK	256	24
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

EXISTING DRAINAGE STRUCTURE SCHEDULE

STATION	OFFSET	CATCH BASINS TO BE RECONSTRUCTED	MANHOLES TO BE ADJUSTED	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	MANHOLES TO BE RECONSTRUCTED (SPECIAL)	COMMENTS	
		EACH	EACH	EACH	EACH	EACH	EACH		
HARRISON STREET									
7811+25.00	8.73' LT		1					EX RIM EL = 596.81	PR RIM EL = 596.09
7811+33.17	24.61' RT					1			
7811+36.07	24.37' LT				1				
7811+46.87	27.29' LT						1	EX RIM EL = 596.70	PR RIM EL = 598.14
7811+52.65	11.13' RT				1				
7811+71.71	23.15' RT			1					
7813+44.53	1.95' RT			1					
7813+44.13	48.28' LT				1				
WEST CERMAK PUMPING STATION DRIVEWAY									
20+28.88	0.90' LT		1					EX RIM EL = 594.40	PR RIM EL = 594.40
EAST CERMAK PUMPING STATION DRIVEWAY									
10+54.85	3.01' LT		1					EX RIM EL = 594.78	PR RIM EL = 594.93
NE RAMP									
7+42.65	20.00' RT				1				
8+13.68	32.02' RT				1				
9+79.10	14.55' RT	1						EX RIM EL = 589.65	PR RIM EL = 589.65
TOTALS		1	3	2	5	1	1		

EXISTING DRAINAGE PIPE SCHEDULE

DRAINAGE AND UTILITY SHEET NO.	STATION	TRENCH BACKFILL	STORM SEWER REMOVAL	TELEVISION INSPECTION OF SEWER	COMBINED SEWERS TO BE CLEANED	COMBINED SEWER REMOVAL			STORM SEWERS TO BE CLEANED	
						8"	12"	60"	12"	18"
		CU YD	FOOT	FOOT	FOOT	FOOT			FOOT	
1/2	HARRISON STREET	390.6	97	308	132	48	133	57	-	-
3/4	NB I-90/94 (INCLUDES NW AND NE RAMP)	0.9	174	444	-	-	-	-	222	22
ROUNDED TOTAL		391.5	271	752	132	48	133	57	222	22

NOTES:

- ADDITIONAL TRENCH BACKFILL QUANTITY PROVIDED ON THE DRAINAGE AND UTILITY SCHEDULES FOR WATER MAIN AND PROPOSED DRAINAGE PIPES.

PROPOSED DRAINAGE PIPE UNDERDRAINS SCHEDULE

PIPE UNDERDRAINS	UPSTREAM				DOWNSTREAM				PIPE UNDERDRAINS	PIPE UNDERDRAINS
	STRUCTURE	STATION	OFFSET	INVERT ELEVATION	STRUCTURE	STATION	OFFSET	INVERT ELEVATION	6"	6"
									(SPECIAL)	
		FOOT		FOOT				FOOT		
HARRISON STREET										
PU-02	-	7813+46.25	2.73' RT	589.91	S-07	7813+85.00	2.72' RT	586.63	33	6
ROUNDED TOTAL									33	6

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 USER NAME = ChiuA
 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 2/17/2014

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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	2013-036R	COOK	256	25
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

PROPOSED DRAINAGE STRUCTURE SCHEDULE

STRUCTURE	STATION	OFFSET	(EDGE OF PAVEMENT, FACE OF CURB, EDGE OF SHOULDER, OR CENTER OF STRUCTURE)	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 C, TYPE 1 FRAME, OPEN LID	CATCH BASINS, TYPE C, TYPE 1 FRAME, CLOSED LID	TRENCH DRAIN	MANHOLES TYPE A, 4' DIA., TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)	MANHOLES TYPE B, 4' DIA., TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)
HARRISON STREET																				
S-02	7811+60.70	1.06' RT	COS	597.95						582.61	582.61	582.61							1	
S-03	7811+55.00	5.00' RT	COS	597.78			587.43 ²		586.43			594.52		1						
S-04	7811+36.88	22.00' RT	FOC	597.17					594.77									1		
S-05 ¹	7811+70.61	39.27' RT	COS	-		595.21									1					
S-05A	7811+59.58	41.98' RT	COS	595.99			594.82		590.57											1
S-06	7811+35.38	22.00' LT	FOC	597.17			591.75													1
S-07	7813+85.00	2.72' RT	COS	597.40		586.63 ²	582.13 (EX)										1			
S-08	7813+88.04	23.76' LT	FOC	597.01				591.59												1
EN RAMP																				
S-11	25+30.77	28.96' LT	COS	588.15						579.08	579.08	579.08	1							
NE RAMP																				
S-12	7+25.19	14.94' RT	COS	579.74			575.47 ²			575.47					1					
S-13	7+41.78	15.72' RT	COS	578.91							575.29	575.29 (EX)		1						
TOTAL													1	2	1	1	1	1	1	3

- NOTES:**
 1. REFER TO DRAINAGE DETAILS SHEET NO. 252 FOR ADDITIONAL INFORMATION.
 2. THE INVERT ELEVATION IS FOR THE PROPOSED PIPE UNDERDRAINS.

PROPOSED DRAINAGE PIPE SCHEDULE

PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	CONCRETE COLLAR	REINFORCEMENT BARS, EPOXY COATED	STORM SEWERS, CLASS A,		COMBINED SEWER (EXTRA STRENGTH VITRIFIED CLAY PIPE)		COMBINED SEWER, (WATER MAIN REQUIREMENTS)		COMBINED SEWERS, CLASS A,		PIPE DRAINS	TRENCH BACKFILL
							TYPE 1	TYPE 2	(CDOT)	(CDOT)	CDOT	(CDWM)	(SPECIAL)			
					CU YD	LBS	12"	12"	8"	12"	12 INCH	60"	6"		CU YD	
HARRISON STREET																
P-01	-	S-02	583.35	582.61							38				74.0	
P-02	S-02	EX MH	582.61	581.25 (EX)						32					69.2	
P-03	S-03	S-02	586.43	582.61					15						24.5	
P-04	S-04	S-03	594.77	594.52					25						2.0	
P-05	S-05	S-05A	595.21	594.82									6		0.0	
P-05A ²	S-05A	CONNECTION TO PR SEWER	590.57	583.02					20						11.7	
P-06	S-06	CONNECTION TO PR SEWER	591.75	581.52					15						18.8	
P-07	S-07	CONNECTION TO EX SEWER	582.13	582.00	1.9	113						16			33.3	
P-08	S-08	CONNECTION TO PR SEWER	591.59	582.07					26						33.7	
NE RAMP																
P-10	EX CB	S-11	580.48	579.08				141							0.0	
P-12	S-12	S-13	575.47	575.29					40						7.4	
EN RAMP																
P-11	CONNECTION TO EX SEWER	S-11	579.08	EX				5							0.0	
P-11A	S-11	CONNECTION TO EX SEWER	EX	579.08				5							0.0	
ROUNDED TOTAL					1.9	113	151	40	101	32	38	16	6	274.6		

- NOTES:**
 1. ADDITIONAL TRENCH BACKFILL QUANTITY PROVIDED ON THE DRAINAGE AND UTILITY SCHEDULES FOR WATER MAIN AND EXISTING DRAINAGE PIPES.
 2. THE PROPOSED COMBINED SEWER PIPE SHALL HAVE A MINIMUM SEPARATION OF 18 INCHES AT THE WATER MAIN CROSSING FROM THE BOTTOM OF PIPE TO THE TOP OF WATER MAIN PIPE.



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

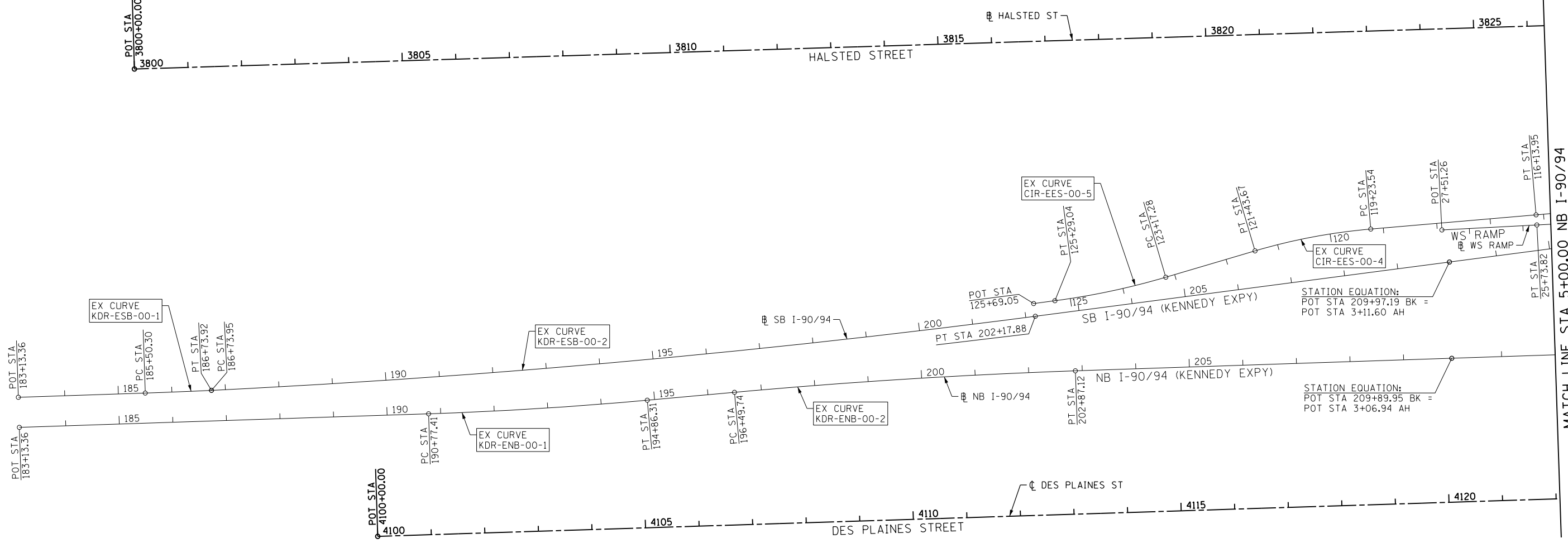
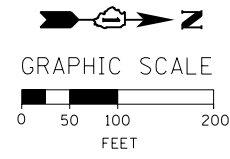
DRAINAGE AND UTILITY SCHEDULES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	26
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

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EX CURVE KDR-ENB-00-1 PI STA = 192+81.92 Δ = 3° 17' 58" (LT) D = 0° 48' 25" R = 7,100.63' T = 204.51' L = 408.90' E = 2.94' PC STA = 190+77.41 PT STA = 194+86.31	EX CURVE KDR-ENB-00-2 PI STA = 199+68.51 Δ = 3° 11' 12" (RT) D = 0° 30' 00" R = 11,460.32' T = 318.77' L = 637.38' E = 4.43' PC STA = 196+49.74 PT STA = 202+87.12	EX CURVE KDR-ESB-00-1 PI STA = 186+12.11 Δ = 0° 55' 38" (LT) D = 0° 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 Δ = 4° 37' 53" (LT) D = 0° 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
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MATCH LINE STA 5+00.00 NB I-90/94

EX NW RAMP				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		7+96.20	1,897,507.4719	1,171,763.3763
PC	CIR-ENW-00-1	9+85.04	1,897,693.9515	1,171,733.5850
PI	CIR-ENW-00-1	10+35.96	1,897,744.2285	1,171,725.5529
PT	CIR-ENW-00-1	10+85.49	1,897,793.6250	1,171,737.8925
PC	CIR-ENW-00-2	12+39.06	1,897,942.6154	1,171,775.1112
PI	CIR-ENW-00-2	23+51.29	1,899,021.6848	1,172,044.6691
PT	CIR-ENW-00-2	20+73.26	1,898,256.1989	1,171,237.7716
PC	CIR-ENW-00-3	21+70.03	1,898,189.5975	1,171,167.5671
PI	CIR-ENW-00-3	22+66.58	1,898,123.1471	1,171,097.5218
PT	CIR-ENW-00-3	23+56.35	1,898,112.3438	1,171,001.5775
POT		29+69.88	1,898,043.6940	1,170,391.8959

EX EN RAMP				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		7+25.19	1,897,512.0887	1,171,791.0300
PC	CIR-ENE-00-1	8+65.84	1,897,650.9661	1,171,768.8085
PI	CIR-ENE-00-1	9+63.71	1,897,747.6108	1,171,753.3446
PCC	CIR-ENE-00-1/CIR-ENE-00-2	10+49.86	1,897,823.4622	1,171,815.1984
PI	CIR-ENE-00-2	11+58.48	1,897,907.6425	1,171,883.8441
PT	CIR-ENE-00-2	12+54.80	1,897,914.9083	1,171,992.2219
POT		14+03.76	1,897,924.8728	1,172,140.8541

PR CERMAK PUMPING STATION - EAST DRIVEWAY				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		9+00.00	1,897,325.0584	1,171,676.5264
POT		10+90.14	1,897,515.0846	1,171,669.9908
POT		11+25.00	1,897,549.9393	1,171,669.1216

PR CERMAK PUMPING STATION - WEST DRIVEWAY				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		20+00.00	1,897,446.7290	1,171,597.0350
POT		20+46.77	1,897,493.4658	1,171,595.3290
POT		20+68.91	1,897,515.6045	1,171,595.4033
POT		21+01.39	1,897,548.0829	1,171,594.6757

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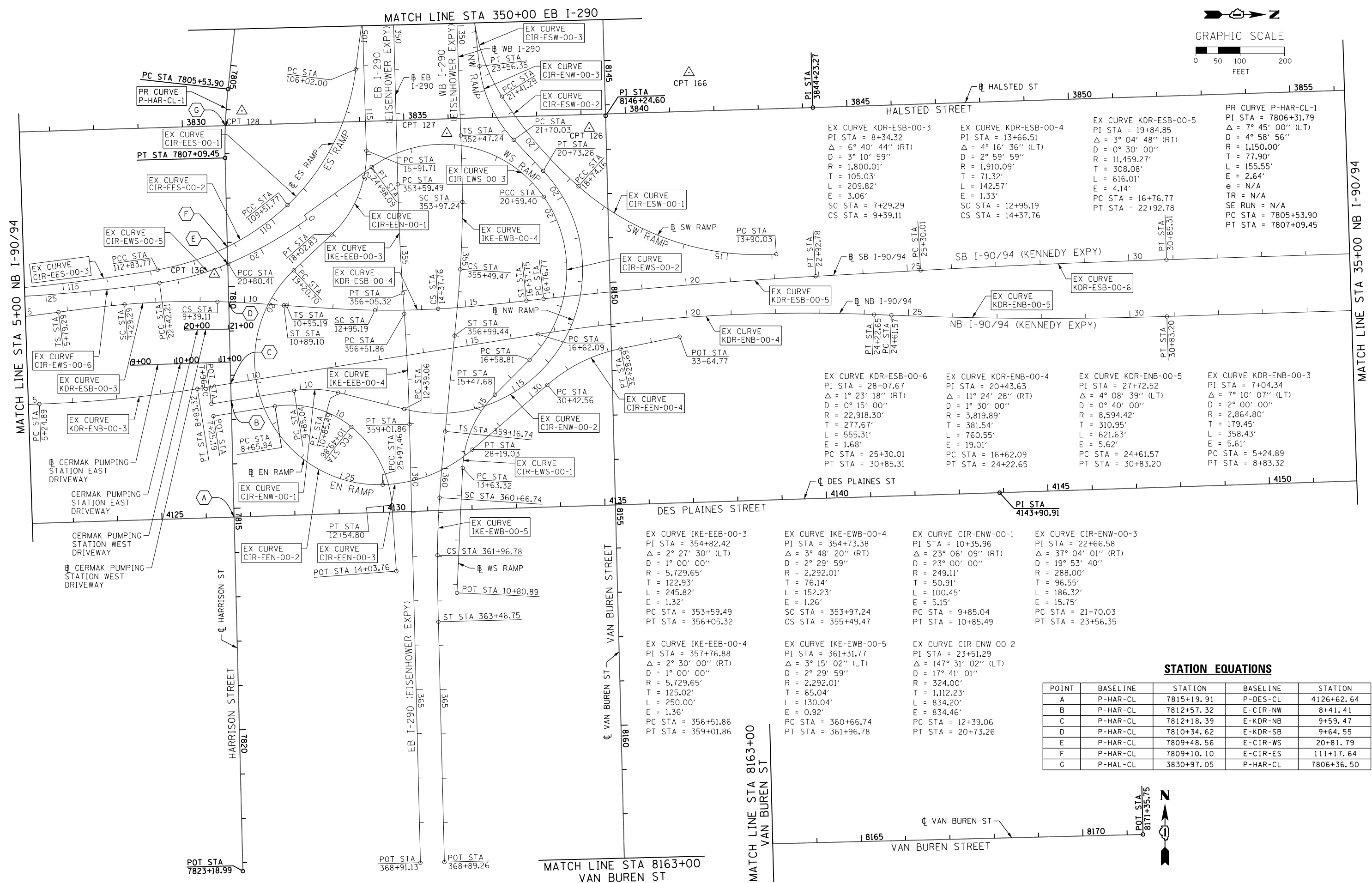
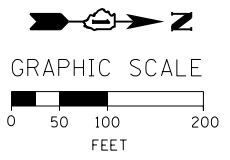
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 100' SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-036R	COUNTY COOK	TOTAL SHEETS 256	SHEET NO. 27
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				



STATION EQUATIONS

POINT	BASELINE	STATION	BASELINE	STATION
A	P-HAR-CL	7815+19.91	P-DES-CL	4126+62.64
B	P-HAR-CL	7812+57.32	E-CIR-NW	8+41.41
C	P-HAR-CL	7812+18.39	E-KDR-NB	9+59.47
D	P-HAR-CL	7810+34.62	E-KDR-SB	9+64.55
E	P-HAR-CL	7809+48.56	E-CIR-WS	20+81.79
F	P-HAR-CL	7809+10.10	E-CIR-ES	111+17.64
G	P-HAL-CL	3830+97.05	P-HAR-CL	7806+36.50

<p>EX CURVE IKE-EEB-00-3 PI STA = 354+82.42 Δ = 2° 27' 30" (LT) D = 1° 00' 00" R = 5,729.65' T = 122.93' L = 245.82' E = 1.32' PC STA = 353+59.49 PT STA = 356+05.32</p>	<p>EX CURVE IKE-EWB-00-4 PI STA = 354+73.38 Δ = 3° 48' 20" (RT) D = 2° 29' 59" R = 2,292.01' T = 76.14' L = 152.23' E = 1.26' SC STA = 353+97.24 CS STA = 355+49.47</p>	<p>EX CURVE CIR-ENW-00-1 PI STA = 10+35.96 Δ = 23° 06' 09" (RT) D = 23° 00' 00" R = 249.11' T = 50.91' L = 100.45' E = 5.15' PC STA = 9+85.04 PT STA = 10+85.49</p>	<p>EX CURVE CIR-ENW-00-3 PI STA = 22+66.58 Δ = 37° 04' 01" (RT) D = 19° 53' 40" R = 288.00' T = 96.55' L = 186.32' E = 15.75' PC STA = 21+70.03 PT STA = 23+56.35</p>
<p>EX CURVE IKE-EEB-00-4 PI STA = 357+76.88 Δ = 2° 30' 00" (RT) D = 1° 00' 00" R = 5,729.65' T = 125.02' L = 250.00' E = 1.36' PC STA = 356+51.86 PT STA = 359+01.86</p>	<p>EX CURVE IKE-EWB-00-5 PI STA = 361+31.77 Δ = 3° 15' 02" (LT) D = 2° 29' 59" R = 2,292.01' T = 65.04' L = 130.04' E = 0.92' PC STA = 360+66.74 PT STA = 361+96.78</p>	<p>EX CURVE CIR-ENW-00-2 PI STA = 23+51.29 Δ = 147° 31' 02" (LT) D = 17° 41' 01" R = 324.00' T = 1,112.23' L = 834.20' E = 834.46' PC STA = 12+39.06 PT STA = 20+73.26</p>	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

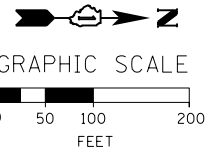
SCALE: 1" = 100' SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	28
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

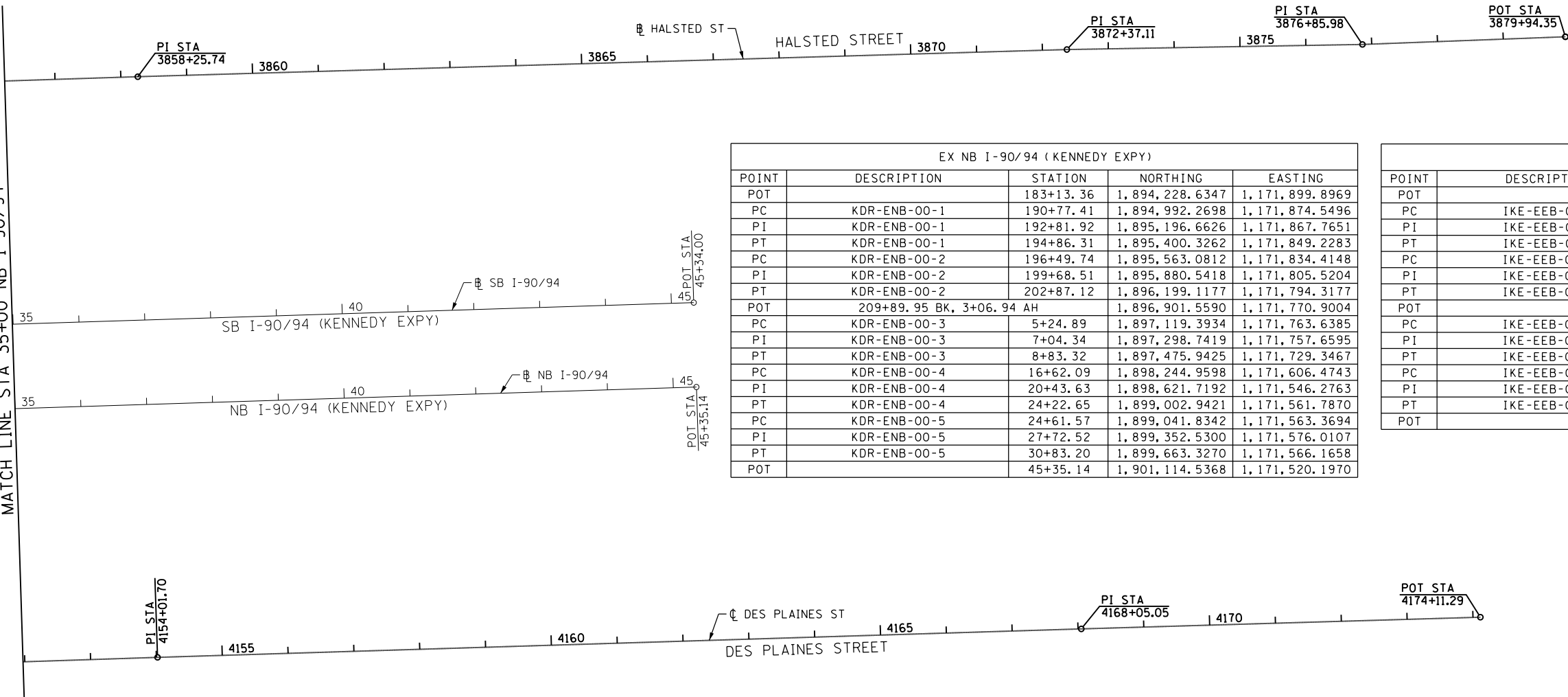


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MATCH LINE STA 35+00 NB I-90/94



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-00-1	190+77.41	1,894,992.2698	1,171,874.5496
PI	KDR-ENB-00-1	192+81.92	1,895,196.6626	1,171,867.7651
PT	KDR-ENB-00-1	194+86.31	1,895,400.3262	1,171,849.2283
PC	KDR-ENB-00-2	196+49.74	1,895,563.0812	1,171,834.4148
PI	KDR-ENB-00-2	199+68.51	1,895,880.5418	1,171,805.5204
PT	KDR-ENB-00-2	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-00-3	5+24.89	1,897,119.3934	1,171,763.6385
PI	KDR-ENB-00-3	7+04.34	1,897,298.7419	1,171,757.6595
PT	KDR-ENB-00-3	8+83.32	1,897,475.9425	1,171,729.3467
PC	KDR-ENB-00-4	16+62.09	1,898,244.9598	1,171,606.4743
PI	KDR-ENB-00-4	20+43.63	1,898,621.7192	1,171,546.2763
PT	KDR-ENB-00-4	24+22.65	1,899,002.9421	1,171,561.7870
PC	KDR-ENB-00-5	24+61.57	1,899,041.8342	1,171,563.3694
PI	KDR-ENB-00-5	27+72.52	1,899,352.5300	1,171,576.0107
PT	KDR-ENB-00-5	30+83.20	1,899,663.3270	1,171,566.1658
POT		45+35.14	1,901,114.5368	1,171,520.1970

EX EB I-290 (EISENHOWER EXPY)				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		293+88.84	1,897,910.7311	1,165,300.7513
PC	IKE-EEB-00-1	314+72.13	1,897,974.3410	1,167,383.0682
PI	IKE-EEB-00-1	321+86.75	1,897,996.1608	1,168,097.3549
PT	IKE-EEB-00-1	329+00.55	1,897,958.6150	1,168,810.9878
PC	IKE-EEB-00-2	339+78.49	1,897,901.9806	1,169,887.4363
PI	IKE-EEB-00-2	341+00.95	1,897,895.5464	1,170,009.7311
PT	IKE-EEB-00-2	342+23.29	1,897,898.7017	1,170,132.1545
POT		344+82.35	1,897,905.3762	1,170,391.1241
PC	IKE-EEB-00-3	353+59.49	1,897,927.9756	1,171,267.9805
PI	IKE-EEB-00-3	354+82.42	1,897,931.1429	1,171,390.8707
PT	IKE-EEB-00-3	356+05.32	1,897,939.5781	1,171,513.5119
PC	IKE-EEB-00-4	356+51.86	1,897,942.7715	1,171,559.9401
PI	IKE-EEB-00-4	357+76.88	1,897,951.3501	1,171,684.6669
PT	IKE-EEB-00-4	359+01.86	1,897,954.4801	1,171,809.6491
POT		368+91.13	1,897,979.2472	1,172,798.6113

EX WB I-290 (EISENHOWER EXPY)				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		293+90.95	1,898,109.2305	1,165,314.6967
TS	IKE-EWB-00-1B	322+24.26	1,898,195.6075	1,168,146.6931
PIS	IKE-EWB-00-1B	323+57.62	1,898,199.6729	1,168,279.9836
SC	IKE-EWB-00-1	324+24.26	1,898,198.2148	1,168,346.6517
PI	IKE-EWB-00-1	325+38.06	1,898,195.7265	1,168,460.4198
CS	IKE-EWB-00-1	326+51.59	1,898,179.7466	1,168,573.0875
PIS	IKE-EWB-00-1A	327+18.26	1,898,170.3839	1,168,639.1010
ST	IKE-EWB-00-1A	328+51.56	1,898,144.7784	1,168,769.9517
TS	IKE-EWB-00-2B	329+78.32	1,898,120.4341	1,168,894.3575
PIS	IKE-EWB-00-2B	331+11.67	1,898,094.8247	1,169,025.2278
SC	IKE-EWB-00-2	331+78.32	1,898,085.4611	1,169,091.2512
PI	IKE-EWB-00-2	332+11.06	1,898,080.8638	1,169,123.6666
CS	IKE-EWB-00-2	332+43.79	1,898,077.3803	1,169,156.2204
PIS	IKE-EWB-00-2A	333+10.47	1,898,070.2861	1,169,222.5160
ST	IKE-EWB-00-2A	334+43.76	1,898,063.0562	1,169,355.6523
PC	IKE-EWB-00-3	338+11.32	1,898,043.1252	1,169,722.6716
PI	IKE-EWB-00-3	340+66.38	1,898,029.2947	1,169,977.3536
PT	IKE-EWB-00-3	343+21.10	1,898,038.1489	1,170,232.2572
TS	IKE-EWB-00-4B	352+47.24	1,898,070.2993	1,171,157.8387
PIS	IKE-EWB-00-4B	353+47.25	1,898,073.7709	1,171,257.7841
SC	IKE-EWB-00-4	353+97.24	1,898,073.8709	1,171,307.7891
PI	IKE-EWB-00-4	354+73.38	1,898,074.0231	1,171,383.9319
CS	IKE-EWB-00-4	355+49.47	1,898,069.1215	1,171,459.9169
PIS	IKE-EWB-00-4A	355+99.47	1,898,065.9031	1,171,509.8083
ST	IKE-EWB-00-4A	356+99.44	1,898,056.2063	1,171,609.3226
TS	IKE-EWB-00-5B	359+16.74	1,898,035.1324	1,171,825.5961
PIS	IKE-EWB-00-5B	360+16.74	1,898,025.4337	1,171,925.1303
SC	IKE-EWB-00-5	360+66.74	1,898,022.2149	1,171,975.0317
PI	IKE-EWB-00-5	361+31.77	1,898,018.0288	1,172,039.9323
CS	IKE-EWB-00-5	361+96.78	1,898,017.5295	1,172,104.9659
PIS	IKE-EWB-00-5A	362+46.77	1,898,017.1456	1,172,154.9595
ST	IKE-EWB-00-5A	363+46.75	1,898,019.6488	1,172,254.9138
POT		368+89.26	1,898,033.2310	1,172,797.2593

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
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

PR VAN BUREN STREET				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		8100+00.00	1,898,259.3220	1,166,490.9835
PI		8125+63.42	1,898,338.2206	1,169,053.1845
PI		8146+24.60	1,898,397.0221	1,171,113.5263
POT		8171+35.75	1,898,460.2841	1,173,623.8877

PR HARRISON STREET				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		7798+00.00	1,897,559.2104	1,170,301.2209
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		7823+18.99	1,897,578.5778	1,172,817.5931

PR DES PLAINES STREET				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		4100+00.00	1,894,897.3602	1,172,103.4101
PI		4143+90.91	1,899,286.0495	1,171,963.8051
PI		4154+01.70	1,900,296.2890	1,171,930.4175
PI		4168+05.05	1,901,698.9691	1,171,887.2201
POT		4174+11.29	1,902,304.9557	1,171,869.4907



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DATE - 12/20/13	REVISED -

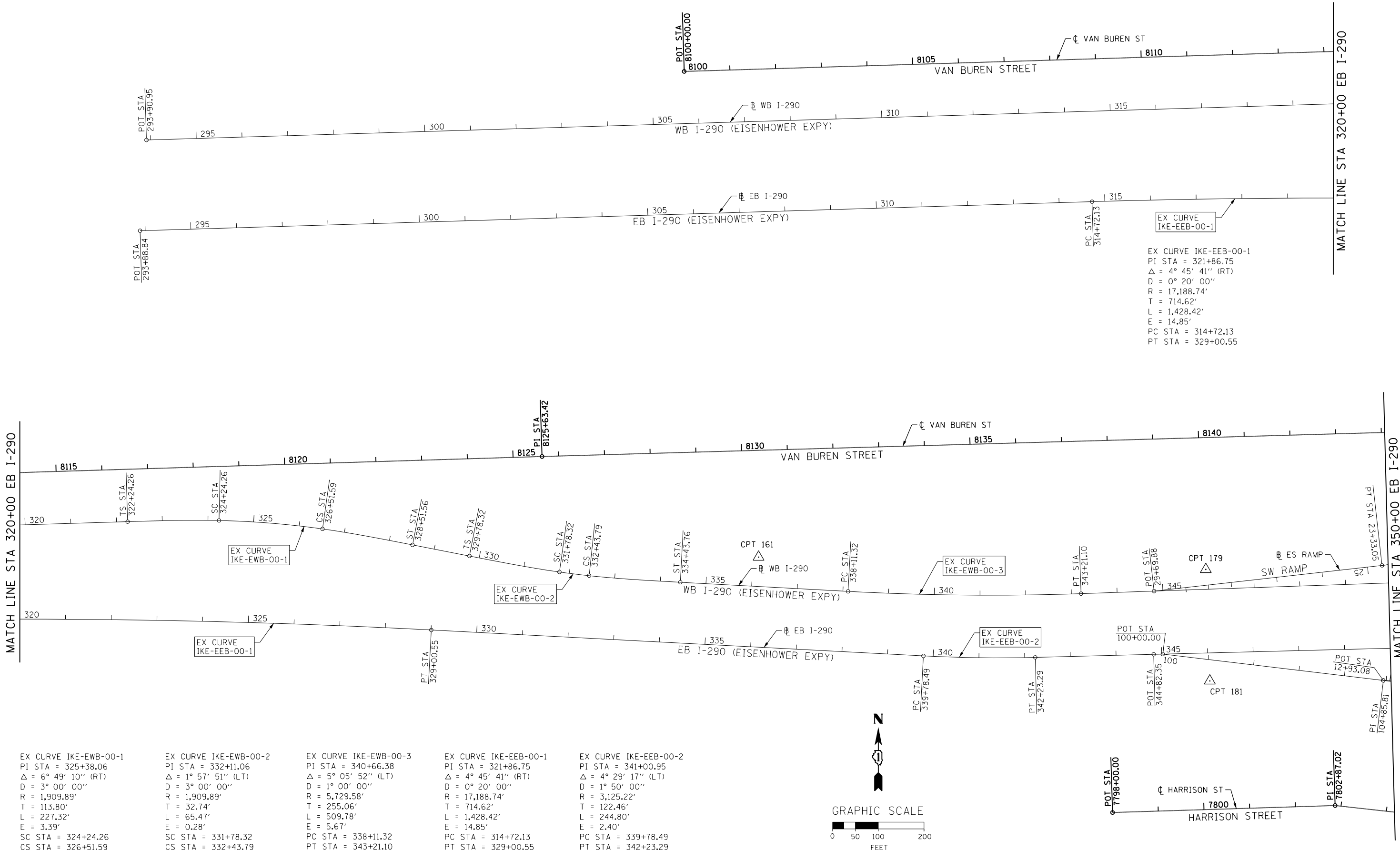
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

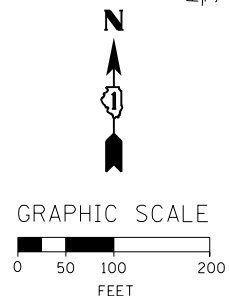
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	29
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

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EX CURVE IKE-EWB-00-1 PI STA = 325+38.06 Δ = 6° 49' 10" (RT) D = 3° 00' 00" R = 1,909.89' T = 113.80' L = 227.32' E = 3.39' SC STA = 324+24.26 CS STA = 326+51.59	EX CURVE IKE-EWB-00-2 PI STA = 332+11.06 Δ = 1° 57' 51" (LT) D = 3° 00' 00" R = 1,909.89' T = 32.74' L = 65.47' E = 0.28' SC STA = 331+78.32 CS STA = 332+43.79	EX CURVE IKE-EWB-00-3 PI STA = 340+66.38 Δ = 5° 05' 52" (LT) D = 1° 00' 00" R = 5,729.58' T = 255.06' L = 509.78' E = 5.67' PC STA = 338+11.32 PT STA = 343+21.10	EX CURVE IKE-EEB-00-1 PI STA = 321+86.75 Δ = 4° 45' 41" (RT) D = 0° 20' 00" R = 17,188.74' T = 714.62' L = 1,428.42' E = 14.85' PC STA = 314+72.13 PT STA = 329+00.55	EX CURVE IKE-EEB-00-2 PI STA = 341+00.95 Δ = 4° 29' 17" (LT) D = 1° 50' 00" R = 3,125.22' T = 122.46' L = 244.80' E = 2.40' PC STA = 339+78.49 PT STA = 342+23.29
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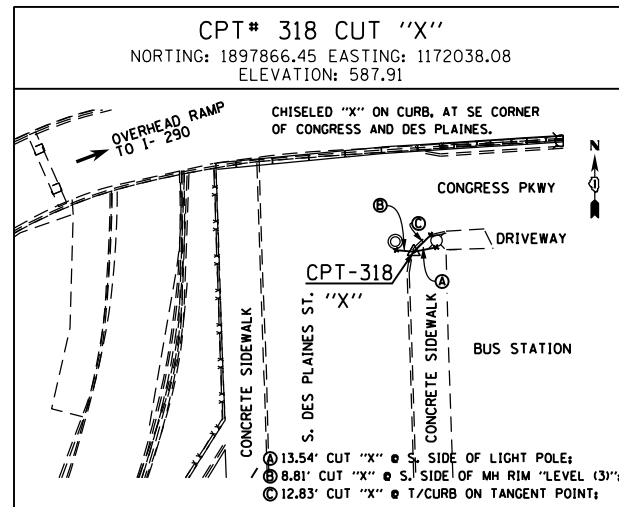
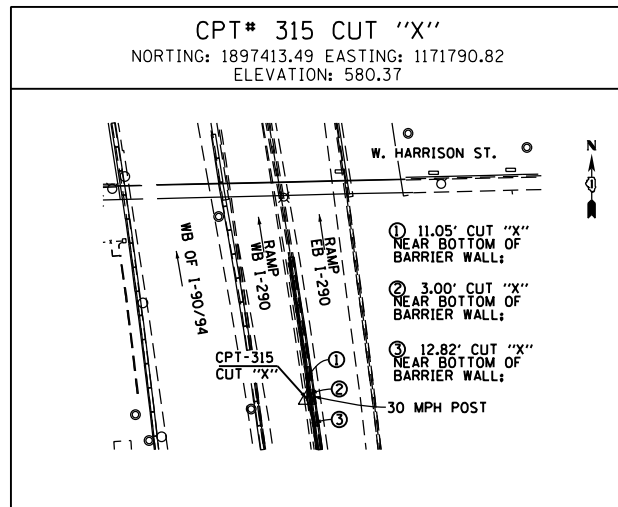
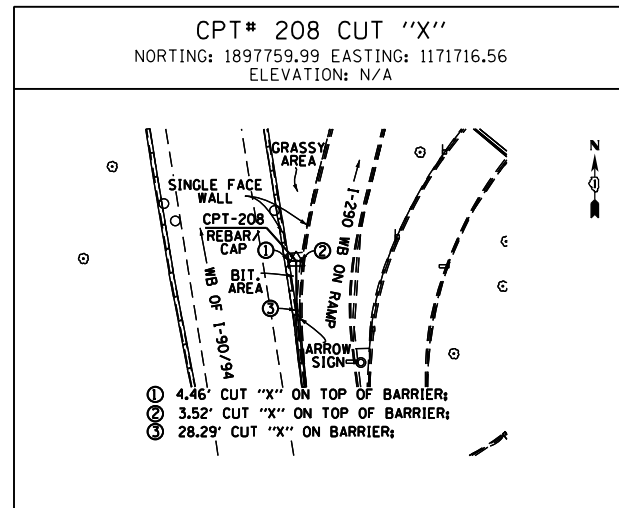
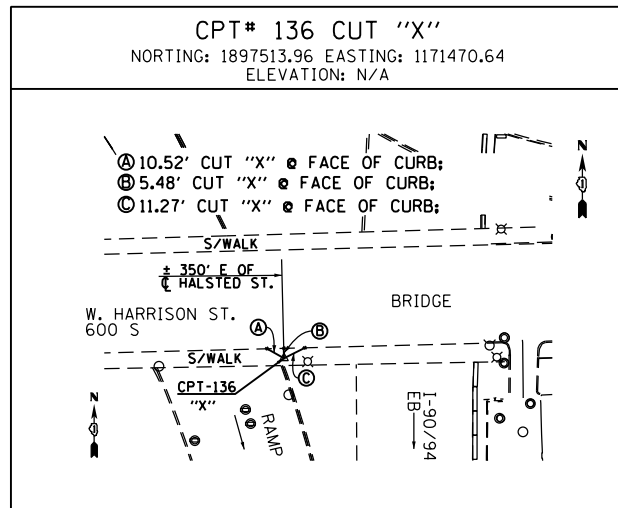
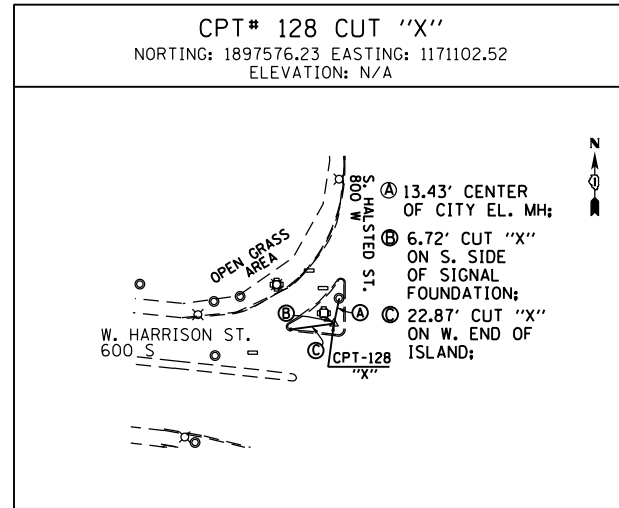
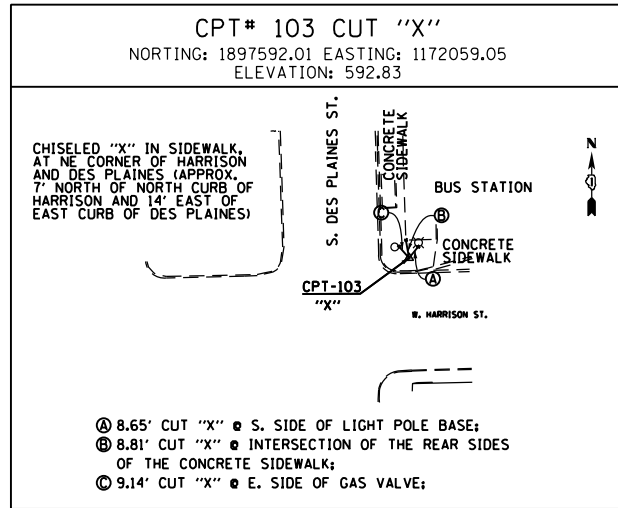
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PLOT SCALE = 100.0000' / 1"	CHECKED - DBM	REVISED -
PLOT DATE = 12/19/2013	DATE - 12/20/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS	
SCALE: 1" = 100'	SHEET 4 OF 5 SHEETS
STA.	TO STA.

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	30
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

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BENCHMARKS		
MONUMENT	ELEVATION	DESCRIPTION
BM 1100	582.6782	SET "X" @ CL OF EAST PIER @ CL OF VAN BUREN ST.
BM 1140	579.3332	SET "X" ON WESTERLY JAYWALL OF I-90 @ CL OF VAN BUREN ST.
BM 1141	575.1320	SET "X" ON WESTERLY JAYWALL OF I-90 @ CL OF OUTBOUND I-290 OVERPASS.
BM 1142	575.9003	SET "X" ON WESTERLY JAYWALL OF I-90 @ CL OF INBOUND I-290 OVERPASS.
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. W. SIDE OF HARRISON. (CENTER OF 3 EAST BOLTS)
BM 1145	586.1391	CHISEL "X" ON WESTERLY BOLT OF H.M.L.P. CL OF I-90 ± 200' S. 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' N. OF E. I-90/94 SIGN.
BM 1345	594.1988	"+" CUT WSW FLANGE BOLT FH W. SIDE DES PLAINES ST. ±200' S. OF § HARRISON ST.
BM 1366	XXX.XXX	CUT SQUARE ON CENTER OF DOOR ENTRANCE TO 707 W. HARRISON ST. SOUTH SIDE OF HARRISON ST. ±90' WEST OF WEST LINE OF DES PLAINES ST.



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 USER NAME = pimsarno
 PLOT SCALE = 100.0000' / 1" =
 PLOT DATE = 2/20/2014

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

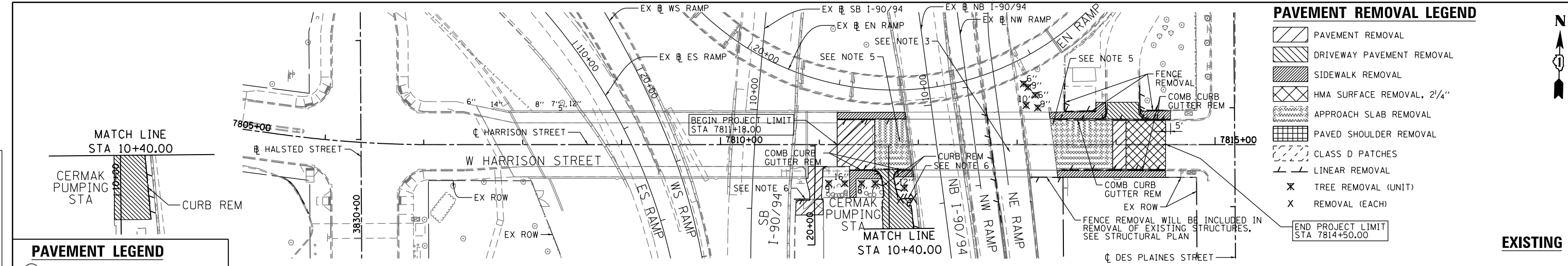
ALIGNMENT, TIES AND BENCHMARKS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	31
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
PLAN	SURVEYED
NOTE BOOK	ALIGNED
NO.	CHECKED
	FILE NAME

DATE	
BY	
PROFILE	SURVEYED
NOTE BOOK	GRADES CHECKED
NO.	STRUCTURE
	NOTATIONS
	CHNO



PAVEMENT LEGEND

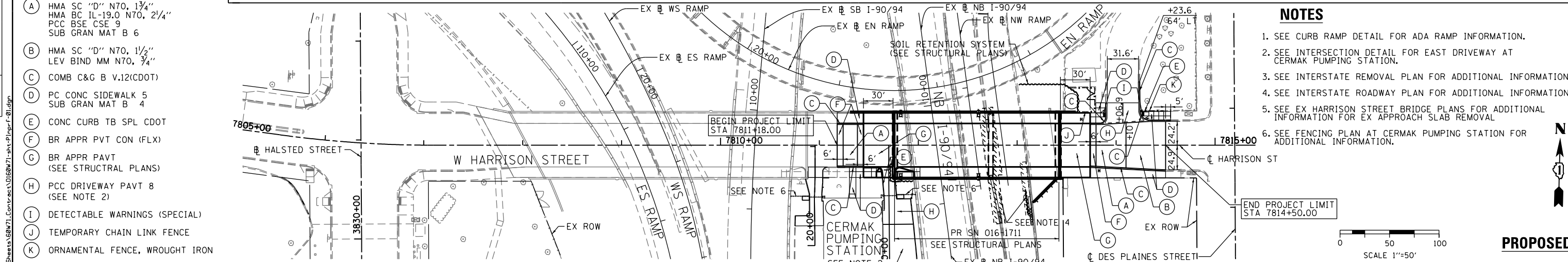
- (A) HMA SC "D" N70, 1 3/4"
- HMA BC IL-19.0 N70, 2 1/4"
- PCC BSE CSE 9
- SUB GRAN MAT B 6
- (B) HMA SC "D" N70, 1 1/2"
- LEV BIND MM N70, 3/4"
- (C) COMB C&G B V.12(CDOT)
- (D) PC CONC SIDEWALK 5
- SUB GRAN MAT B 4
- (E) CONC CURB TB SPL CDOT
- (F) BR APPR PVT CON (FLX)
- (G) BR APPR PAVT
- (SEE STRUCTURAL PLANS)
- (H) PCC DRIVEWAY PAVT 8
- (SEE NOTE 2)
- (I) DETECTABLE WARNINGS (SPECIAL)
- (J) TEMPORARY CHAIN LINK FENCE
- (K) ORNAMENTAL FENCE, WROUGHT IRON

PAVEMENT REMOVAL LEGEND

- [Hatched Box] PAVEMENT REMOVAL
- [Diagonal Hatched Box] DRIVEWAY PAVEMENT REMOVAL
- [Cross-hatched Box] SIDEWALK REMOVAL
- [Cross-hatched Box] HMA SURFACE REMOVAL, 2 1/4"
- [Dotted Box] APPROACH SLAB REMOVAL
- [Grid Box] PAVED SHOULDER REMOVAL
- [Dashed Box] CLASS D PATCHES
- [Line with Dash] LINEAR REMOVAL
- [X] TREE REMOVAL (UNIT)
- [X] REMOVAL (EACH)

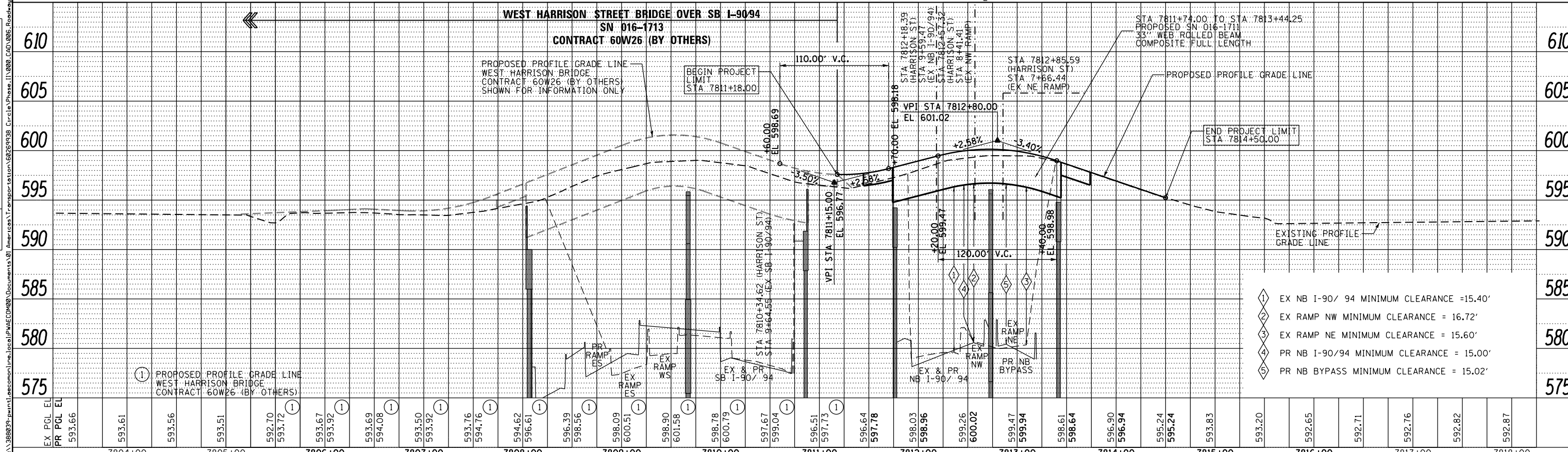
NOTES

1. SEE CURB RAMP DETAIL FOR ADA RAMP INFORMATION.
2. SEE INTERSECTION DETAIL FOR EAST DRIVEWAY AT CERMAK PUMPING STATION.
3. SEE INTERSTATE REMOVAL PLAN FOR ADDITIONAL INFORMATION.
4. SEE INTERSTATE ROADWAY PLAN FOR ADDITIONAL INFORMATION.
5. SEE EX HARRISON STREET BRIDGE PLANS FOR ADDITIONAL INFORMATION FOR EX APPROACH SLAB REMOVAL
6. SEE FENCING PLAN AT CERMAK PUMPING STATION FOR ADDITIONAL INFORMATION.



WEST HARRISON STREET BRIDGE OVER SB I-90/94

SN 016-1713
CONTRACT 60W26 (BY OTHERS)



- 1 EX NB I-90/ 94 MINIMUM CLEARANCE = 15.40'
- 2 EX RAMP NW MINIMUM CLEARANCE = 16.72'
- 3 EX RAMP NE MINIMUM CLEARANCE = 15.60'
- 4 PR NB I-90/94 MINIMUM CLEARANCE = 15.00'
- 5 PR NB BYPASS MINIMUM CLEARANCE = 15.02'



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USER NAME = pimsarno	DRAWN - OPS	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - DBM	REVISED -
PLOT DATE = 2/20/2014	DATE - 02/19/14	REVISED -

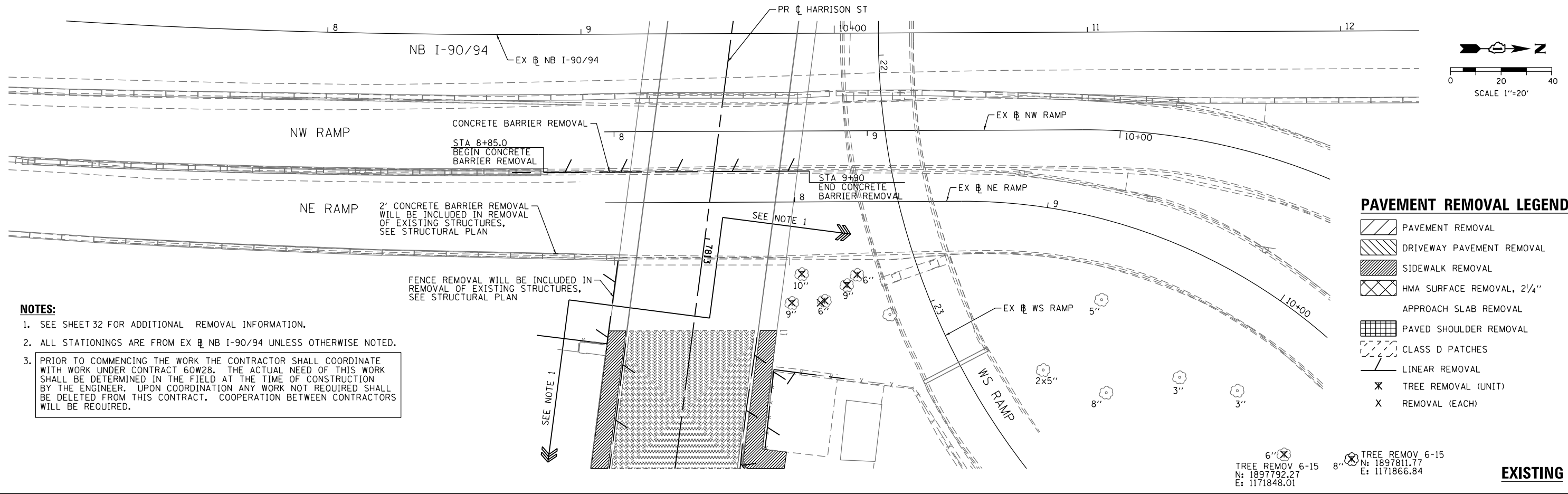
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=50'	SHEET 1	OF 1 SHEETS	STA.	TO STA.
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PLAN AND PROFILE
HARRISON STREET

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	32
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

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- NOTES:**
- SEE SHEET 32 FOR ADDITIONAL REMOVAL INFORMATION.
 - ALL STATIONINGS ARE FROM EX NB I-90/94 UNLESS OTHERWISE NOTED.
 - PRIOR TO COMMENCING THE WORK THE CONTRACTOR SHALL COORDINATE WITH WORK UNDER CONTRACT 60W28. THE ACTUAL NEED OF THIS WORK SHALL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. UPON COORDINATION ANY WORK NOT REQUIRED SHALL BE DELETED FROM THIS CONTRACT. COOPERATION BETWEEN CONTRACTORS WILL BE REQUIRED.

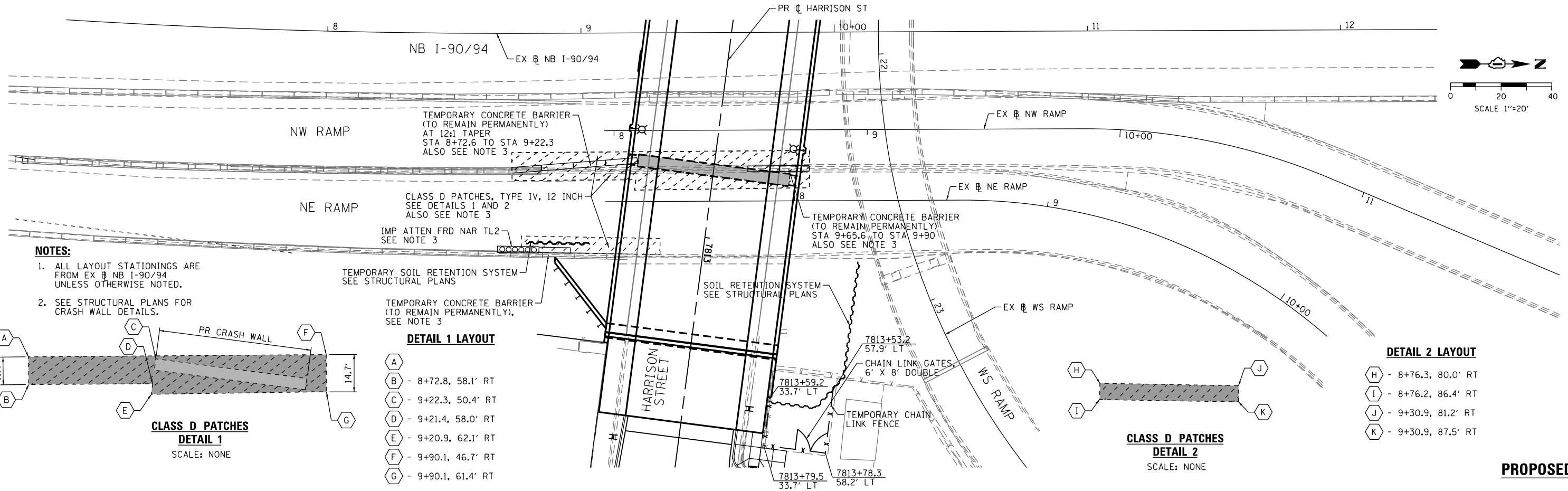
PAVEMENT REMOVAL LEGEND

	PAVEMENT REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	SIDEWALK REMOVAL
	HMA SURFACE REMOVAL, 2 1/4"
	APPROACH SLAB REMOVAL
	PAVED SHOULDER REMOVAL
	CLASS D PATCHES
	LINEAR REMOVAL
	TREE REMOVAL (UNIT)
	REMOVAL (EACH)

6" (X) TREE REMOV 6-15
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 E: 1171848.01

8" (X) TREE REMOV 6-15
 N: 1897811.77
 E: 1171866.84

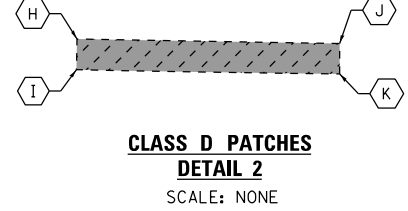
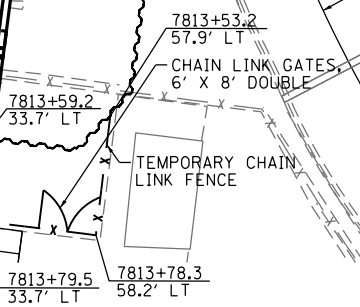
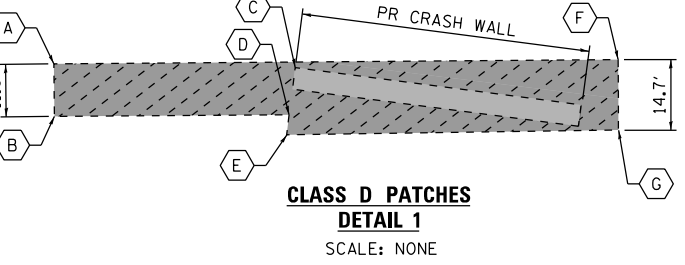
EXISTING



- NOTES:**
- ALL LAYOUT STATIONINGS ARE FROM EX NB I-90/94 UNLESS OTHERWISE NOTED.
 - SEE STRUCTURAL PLANS FOR CRASH WALL DETAILS.

DETAIL 1 LAYOUT

A	8+72.8, 58.1' RT
B	9+22.3, 50.4' RT
C	9+21.4, 58.0' RT
D	9+20.9, 62.1' RT
E	9+90.1, 46.7' RT
F	9+90.1, 61.4' RT



DETAIL 2 LAYOUT

H	8+76.3, 80.0' RT
I	8+76.2, 86.4' RT
J	9+30.9, 81.2' RT
K	9+30.9, 87.5' RT

PROPOSED

<p>303 EAST WACKER DRIVE, SUITE 1400 CHICAGO, IL 60601-5276 PHONE: (312) 373-7700 FAX: (312) 373-6800</p>	D160W71-Sht-Plnprf-02.dgn USER NAME = pimsarno PLOT SCALE = 40.0000' / in. PLOT DATE = 2/20/2014	DESIGNED - OPS DRAWN - OPS CHECKED - DBM DATE - 02/19/14	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL AND ROADWAY PLAN INTERSTATE SCALE: 1" = 20' SHEET 1 OF 1 SHEETS STA. TO STA.	F.A.I. RTE. 90/94/290 SECTION 2013-036R COUNTY COOK TOTAL SHEETS 256 SHEET NO. 33 CONTRACT NO. 60W71 ILLINOIS FED. AID PROJECT
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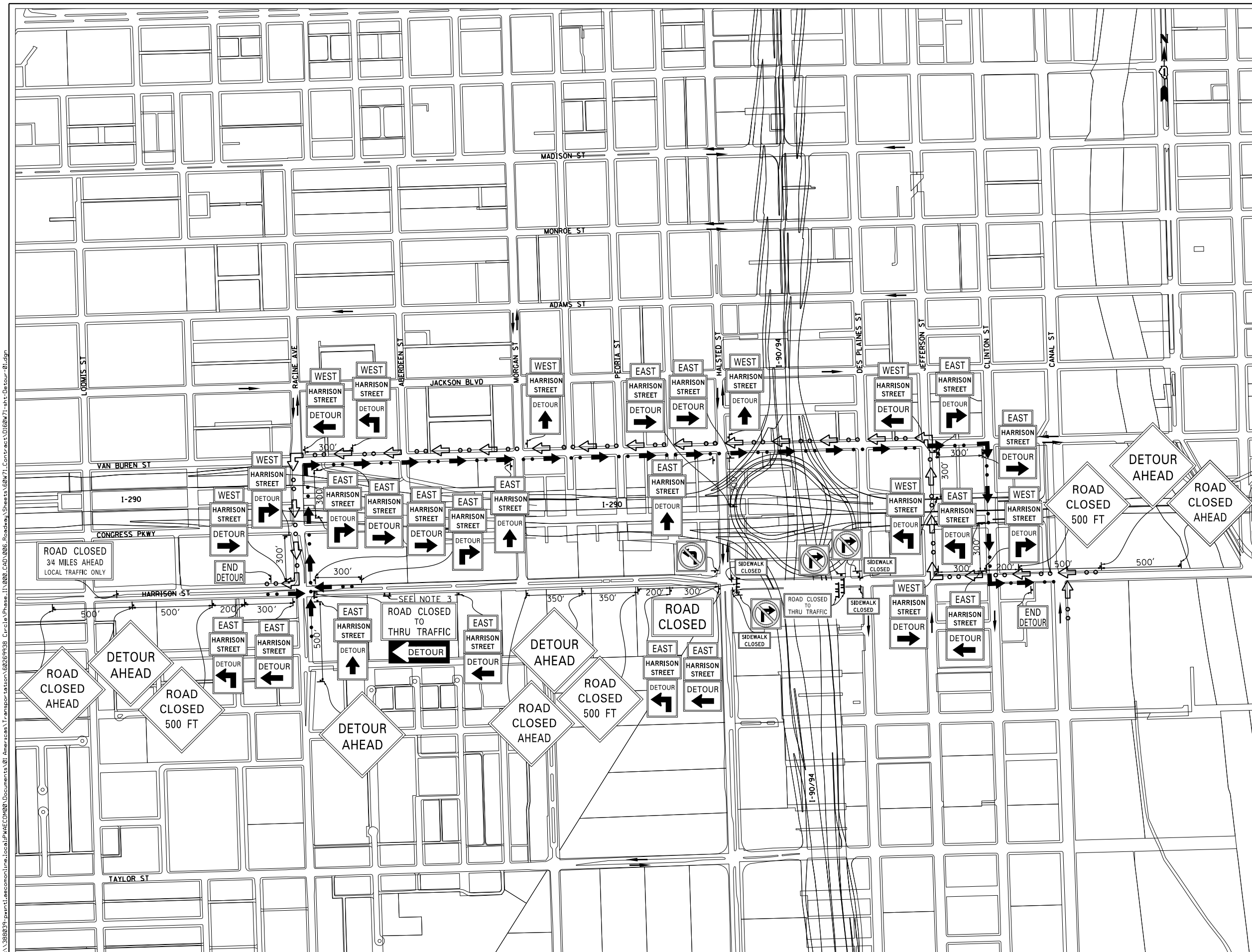
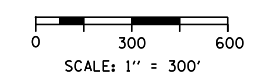
TRAFFIC CONTROL NOTES

1. Detour signing must be installed prior to closure of the Harrison Street Bridge.
2. The contractor is responsible for coordination with other road work in the area.
3. Coordinate with parking lot owner to close parking lot exit and direct lot traffic to an alternate exit to the east.

LEGEND

- WESTBOUND HARRISON DETOUR ROUTE
- EASTBOUND HARRISON DETOUR ROUTE
- ARROW BOARD
- TEMPORARY SIGN
- SIGN BARRICADE TYPE III
- ROADWAY DIRECTION

W20-3 48"x48"	W20-3 48"x48"	W20-2 48"x48"
M3-2 24"x12"	M3-4 24"x12"	CUSTOM SPECIAL BLACK LETTERS ON ORANGE BACKGROUND 24"x18"
R3-1 24"x24"	R3-2 24"x24"	R11-1101 24"x18"
R11-2 48"x30"	M4-8A 24"x18"	R11-3A 60"x30"
M4-9R 24"x30"	M4-9L 24"x30"	M4-9 24"x30"
M4-9L 30"x24"	M4-9R 30"x24"	R11-4 60"x30"
M4-10L 48"x18"		



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D160W71-sht-Detour-01.dgn
 USER NAME = pimsarno
 PLOT SCALE = 300.0000' / in.
 PLOT DATE = 12/19/2013

DESIGNED - JRB	REVISED -
DRAWN - JRB	REVISED -
CHECKED - SLW	REVISED -
DATE - 12/20/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN
HARRISON STREET**

SCALE: 1"=300' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	33A
CONTRACT NO. 60W71			ILLINOIS FED. AID PROJECT	

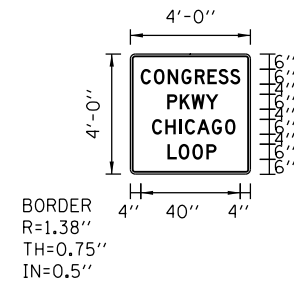
TRAFFIC CONTROL GENERAL NOTES

- TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH 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 WILL BE REQUIRED. THE CONTRACTOR SHALL COORDINATE TRAFFIC CONTROL WITH OTHER ADJACENT CONTRACTS WHICH MAY BE UNDER CONSTRUCTION DURING THE DURATION OF THIS PROJECT. NO ADDITIONAL COMPENSATION IS ALLOWED. ADJACENT CONTRACTS MAY CONSIST OF, BUT NOT LIMITED TO PROJECTS NEAR:
 - CONTRACT 60F63 - FAI 90/94 (KENNEDY EXPRESSWAY) AT OHIO STREET
 - CONTRACT 60W36 - TUNNEL BULKHEADING (CIRCLE INTERCHANGE)
 - CONTRACT 60W25 - MORGAN STREET BRIDGE AT I-290 / CONGRESS PARKWAY (CIRCLE INTERCHANGE)
 - CONTRACT 60W26 - WEST HARRISON STREET AND HALSTED STREET BRIDGES AT I-90/94 (CIRCLE INTERCHANGE)
 - CONTRACT 60W28 - NORTHWEST FLYOVER BRIDGE AT I-90/94 AND I-290 / CONGRESS PARKWAY (CIRCLE INTERCHANGE)
 - CONTRACT 60W29 - PEORIA STREET BRIDGE AT I-290 / CONGRESS PARKWAY (CIRCLE INTERCHANGE)
 - AND OTHERS.
- 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.
- OFFSETS BETWEEN THE EDGE OF TRAVEL LANE AND THE FACE OF TEMPORARY CONCRETE BARRIER ARE ASSUMED TO BE 2 FT UNLESS DESIGNATED OTHERWISE.
- THE CONTRACTOR SHALL BE ADVISED THAT THE WORK DURING PEAK HOURS SPECIFICATION TAKE PRECEDENCE OVER THE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL.
- 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.
- 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.
- PROVIDE CONTINUOUS TEMPORARY ACCESS TO ALL SIDE STREETS, ALLEYS, DRIVEWAYS, AND 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.
- MAINTAIN ACCESS TO FIRE HYDRANTS, BUILDING STANDPIPES AND OTHER EMERGENCY FACILITIES WITHIN THE CONSTRUCTION ZONE.
- 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 GENERAL NOTES.

- THE CONTRACTOR SHALL CONTACT THE DISTRICT 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 W21-1 SHALL BE TAKEN DOWN WHEN THE WORKERS ARE NOT PRESENT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS RESTRICTIONS TO THE SITE AS MAY 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 UNIT BID PRICES OF THE CONTRACT.
- THE CONTRACTOR SHALL SUBMIT PLANS AND DETAILS FOR PEDESTRIAN PROTECTION INCLUDING SCAFFOLDING OR OTHER PROTECTIVE MEASURES FOR REVIEW AND APPROVAL OF THE ENGINEER. THIS IS INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
- A 3'-6M 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 3'-6M DEFLECTION AREA CANNOT BE MAINTAINED, THE TEMPORARY CONCRETE BARRIER WALL SHALL BE ANCHORED TO THE PAVEMENT (EXCLUDING BRIDGE DECKS) THROUGH THE 3 ANCHORING HOLES ON THE TRAFFIC SIDE OF THE TEMPORARY CONCRETE BARRIER WALL. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, SHALL BE CONSIDERED INCIDENTAL TO THE TEMPORARY CONCRETE BARRIER PAY ITEM.
- 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 REMOVAL.
- ALL TEMPORARY PAVEMENT MARKINGS SHOWING DETERIORATION AFTER 7 DAYS SHALL BE REPLACED BY THE CONTRACTOR SA 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 THIRD REPLACEMENT SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.
- 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. THIS WORK SHALL BE INCLUDED IN THE COST TRAFFIC CONTROL AND PROTECTING, (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 TRAVEL LANES ON NB I-90/94 AND RAMP NW IN STAGE 2 SHALL TIE INTO CURRENT STAGE OF CONSTRUCTION FOR NW RAMP FLYOVER CONTRACT 60W28 AND CONFORM TO ALL APPLICABLE IDOT DISTRICT 1 STANDARDS.

NOTE:

BOXED ITEMS ARE INCLUDED IN THE COST OF THE CONTRACT.



Dimensions are in inches tenths
Letter locations are panel edge to lower left corner

SIGN NUMBER	TC-SGN-01
WIDTH x HGHT.	4'-0" x 4'-0"
BORDER WIDTH	0.75"
CORNER RADIUS	1.38"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Orange
LEGEND/BORDER	TYPE: Reflective
	COLOR: Black/Black

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)								LENGTH	SERIES/SIZE
C	O	N	G	R	E	S	S		D 2000
4.1	9.4	15	20.4	25.8	30.9	35.2	39.9		6
P	K	W	Y						D 2000
14.7	19.7	24.4	30.1						6
C	H	I	C	A	G	O			D 2000
8.6	14	19.5	21.8	26.7	32.5	37.8			6
L	O	O	P						D 2000
14.8	19.3	24.8	30.4						6

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PLOT DATE = 2/18/2014	DATE - 02/19/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN			
GENERAL NOTES			
SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	34
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

STAGING NARRATIVE

STAGE 1

MAINTENANCE OF TRAFFIC ALONG MAINLINES AND RAMPS UNDER HARRISON STREET

- NB I-90/94 AND RAMPS NW & NE
 - o MAINTAIN 3 LANES OF TRAFFIC ON EXISTING NB I-90/94 AT ALL TIMES. LANES WILL BE SHIFTED DURING CONSTRUCTION.
 - o CLOSE THE RIGHT SHOULDER OF NB I-90/94 TO ALLOW FOR PIER REMOVAL BETWEEN NB I-90/94 AND NW RAMP.
 - o MAINTAIN EXISTING 1 LANE OF TRAFFIC TO RAMP NE. LANE WILL BE SHIFTED DURING CONSTRUCTION.
 - o MAINTAIN EXISTING 1 LANE OF TRAFFIC TO RAMP NW. LANE WILL BE SHIFTED DURING CONSTRUCTION.
 - o CLOSE THE RIGHT SHOULDER OF NW RAMP AND LEFT SHOULDER OF NE RAMP FOR PROPOSED PIER CONSTRUCTION. SHIFT AND REDUCE LANE WIDTH FOR BOTH NW AND NE RAMPS TO 12' LANE.

MAINTENANCE OF TRAFFIC ON LOCAL ROADS

- HARRISON STREET
 - o COMPLETELY CLOSE THE EAST HARRISON STREET BRIDGE AND APPROACHES TO BOTH VEHICULAR AND PEDESTRIAN TRAFFIC. BRIDGE TO REMAIN CLOSED FOR THE ENTIRE LENGTH OF CONSTRUCTION.
 - o TRAFFIC UTILIZING EAST AND WEST HARRISON STREET BRIDGES WILL BE DETOURED UTILIZING THE HARRISON STREET DETOUR PLAN PLACED IN CONTRACT 60W26.
 - o MAINTAIN ACCESS TO THE CERMAK PUMPING STATION DRIVEWAYS THROUGHOUT CONSTRUCTION. THE EAST DRIVEWAY TO CERMAK PUMPING STATION WILL CLOSED DURING CONSTRUCTION. TRAFFIC ACCESSING THE CERMAK PUMPING STATION SHALL UTILIZE THE WEST DRIVEWAY. CONTRACTOR COOPERATION REQUIRED WITH CONTRACT 60W26.
 - o MAINTAIN ACCESS TO THE CTA BUS TURNOUT THROUGHOUT CONSTRUCTION.

CONSTRUCTION TO BE COMPLETED IN STAGE 1

UTILITIES:

- COMED SERVICE TO THE CERMAK PUMPING STATION SHALL BE RELOCATED AND ENERGIZED BY COMED PRIOR TO THE START OF DEMOLITION AND CONSTRUCTION ACTIVITIES THAT IMPACT THE EXISTING COMED SERVICE AND COMED ELECTRIC LINES ATTACHED TO THE HARRISON STREET BRIDGE. AFTER INSTALLATION, THE COMED SERVICE MUST BE PROTECTED AT ALL TIMES THROUGHOUT CONSTRUCTION.
- ALL COMED, AT&T, OEMC AND 911 EMERGENCY UNIT UTILITIES TO BE RELOCATED BY OTHERS. THE REMOVAL AND REPLACEMENT OF THE EXISTING UTILITIES SHALL BE COORDINATED AND AT THE DISCRETION OF UTILITY AGENCIES.
- SEE STRUCTURAL, LIGHTING, AND ITS PLANS FOR ADDITIONAL INFORMATION DURING STAGING.

HARRISON STREET:

- ALL CONSTRUCTION AT THE CERMAK PUMPING STATION AREAS SHALL BE COORDINATED WITH CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT (CDWM).
- REMOVE EXISTING HARRISON STREET BRIDGE APPROACHES, SUPERSTRUCTURE, PIERS AND ABUTMENTS AS SHOWN IN THE PLANS. WORK INCLUDES BUT NOT LIMITED TO REMOVAL AND RECONSTRUCTION OF SUBSTRUCTURES, ABUTMENTS, SUPERSTRUCTURE AND APPROACHES AS WELL AS REMOVAL OF ALL OTHER APPURTENANCE FIXTURES ON THE BRIDGE.
- REMOVE EXISTING MEDIAN BARRIER BETWEEN NB I-90/94 AND NW RAMP FOR PROPOSED PIER CONSTRUCTION.
- INSTALL ALL REQUIRED TEMPORARY SOIL RETENTION SYSTEMS AS SHOWN IN THE STRUCTURAL PLANS FOR THE CONSTRUCTION OF HARRISON STREET BRIDGE SUBSTRUCTURES.
- THE CONTRACTOR SHALL REMOVE THE TEMPORARY SOIL RETENTION SYSTEMS ALONG THE NE RAMP SHOULDER PRIOR TO THE INSTALLATION OF PIPE UNDERDRAINS CONNECTING TO DRAINAGE STRUCTURES S-12 AND S-13.
- BEGIN RECONSTRUCTION OF THE HARRISON STREET BRIDGE (SN 016-1711) PIER AND ABUTMENTS.
- THE CONTRACTOR SHALL TAKE ALL SAFETY PRECAUTION DURING CONSTRUCTION OF THE WEST ABUTMENT TO PROTECT THE INTEGRITY OF THE EXISTING COUNTERFORT AND ALL EXISTING CDWM DRAINAGE/WATER MAIN STRUCTURES.
- BEGIN BEAM ERECTION AND SUPERSTRUCTURE WORK UPON COMPLETION OF ALL SUBSTRUCTURES.
- INSTALL THE OVERHEAD SIGN PANEL (ATTACHED TO STRUCTURE) FOR LOW CLEARANCE SIGN.
- INSTALL UNDER PASS LIGHTING.
- INSTALL DRAINAGE ALONG THE MAINLINE AND LOCAL ROAD AS SHOWN IN THE PLANS.
- CONSTRUCT PAVEMENT AND SIDEWALK IN FRONT OF THE CERMAK PUMPING STATION.
- RECONSTRUCT AND RESURFACE HARRISON STREET EAST OF THE EAST ABUTMENT.
- INSTALL DRIVEWAY PAVEMENT AT THE NORTH EAST QUADRANT OF THE CTA BUS TURNOUT AND HARRISON STREET TO ACCOMMODATE BUS TURNING MOVEMENTS PRIOR TO THE RECONSTRUCTION OF THE WEST HALF OF THE DRIVEWAY PAVEMENT OF THE CTA BUS TURNOUT.

STAGE 2

MAINTENANCE OF TRAFFIC ALONG MAINLINES AND RAMPS UNDER HARRISON STREET

- NB I-90/94 AND RAMPS NW & NE
 - o RELOCATE TEMPORARY CONCRETE BARRIER FROM STAGE 1 ALONG THE RIGHT SHOULDER OF NB I-90/94. INSTALL ADDITIONAL TEMPORARY CONCRETE BARRIER AS REQUIRED PER PLANS.
 - o MAINTAIN 3 LANES OF TRAFFIC ON EXISTING NB I-90/94.
 - o REDUCE AND SHIFT NB I-90/94 TRAFFIC TO 11' LANES. ALL TRAVEL LANES ON NB I-90/94 AND RAMP NW IN STAGE 2 SHALL TIE INTO CURRENT STAGE OF CONSTRUCTION FOR NW RAMP FLYOVER CONTRACT 60W28 AND CONFORM TO ALL APPLICABLE IDOT DISTRICT 1 STANDARDS.
 - o MAINTAIN 3 LANES OF TRAFFIC ON EXISTING NB I-90/94 FROM STAGE 1.
 - o MAINTAIN EXISTING 1 LANE OF TRAFFIC TO RAMP NE FROM STAGE 1.
 - o MAINTAIN EXISTING 1 LANE OF TRAFFIC TO RAMP NW FROM STAGE 1.

MAINTENANCE OF TRAFFIC ON LOCAL ROADS

- HARRISON STREET
 - o COMPLETELY CLOSE THE EAST HARRISON STREET BRIDGE AND APPROACHES TO BOTH VEHICULAR AND PEDESTRIAN TRAFFIC. BRIDGE TO REMAIN CLOSED FOR THE ENTIRE LENGTH OF CONSTRUCTION.
 - o TRAFFIC UTILIZING EAST AND WEST HARRISON STREET BRIDGES WILL BE DETOURED UTILIZING THE HARRISON STREET DETOUR PLAN PLACED IN CONTRACT 60W26.
 - o MAINTAIN ACCESS TO THE CERMAK PUMPING STATION DRIVEWAYS THROUGHOUT CONSTRUCTION. THE EAST DRIVEWAY TO CERMAK PUMPING STATION WILL CLOSED DURING CONSTRUCTION. TRAFFIC ACCESSING THE CERMAK PUMPING STATION SHALL UTILIZE THE WEST DRIVEWAY. CONTRACTOR COOPERATION REQUIRED WITH CONTRACT 60W26.
 - o MAINTAIN ACCESS TO THE CTA BUS TURNOUT THROUGHOUT CONSTRUCTION.

CONSTRUCTION TO BE COMPLETED IN STAGE 2

UTILITIES:

- ALL COMED, AT&T, OUC, OEMC AND 911 EMERGENCY UNIT UTILITIES TO BE RELOCATED BY OTHERS. THE REMOVAL AND REPLACEMENT OF THE EXISTING UTILITIES SHALL BE COORDINATED AND AT THE DISCRETION OF UTILITY AGENCIES.
- SEE STRUCTURAL, LIGHTING, AND ITS PLANS FOR ADDITIONAL INFORMATION DURING STAGING.

HARRISON STREET:

- INSTALL TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY) UPON THE COMPLETION OF PIER CONSTRUCTION.
- INSTALL TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY) UPON THE COMPLETION OF WING WALL CONSTRUCTION AS DETERMINED BY THE ENGINEER. ANY TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY) NOT NEEDED AT THIS LOCATION AS DETERMINED BY THE ENGINEER AT TIME OF CONSTRUCTION SHALL BE EXCLUDED WITH NO EXTRA COMPENSATION TO THE CONTRACTOR. CONTRACTOR COOPERATION IS REQUIRED WITH CONTRACT 60W28.
- REMOVE EXISTING GATES, GATE POSTS, FENCE, AND FLAG POLE AT THE EAST DRIVEWAY OF THE CERMAK PUMPING STATION.
- CONSTRUCT EAST DRIVEWAY TO THE CERMAK PUMPING STATION.
- INSTALL TRENCH DRAINS AT EAST DRIVEWAY AND PERFORM OTHER DRAINAGE RELOCATED WORK.
- INSTALL NEW STEEL SECURITY FENCE AND 12' STEEL SECURITY GATE PER PLANS AND MANUFACTURER'S SPECIFICATIONS UPON COMPLETION OF EAST DRIVEWAY AT THE DISCRETION OF THE ENGINEER AND CDWM.
- PLACE PAVEMENT PATCHES AROUND THE CRASH WALL AND OUTSIDE SHOULDER OF NE RAMP AS SHOWN ON THE PLANS.
- REPAIR AND RESTORE GRADING WORK IN FRONT OF EAST ABUTMENT.
- REMOVE PREVIOUSLY INSTALLED DRIVEWAY PAVEMENT AT THE NORTHEAST QUADRANT OF THE CTA BUS TURNOUT AND HARRISON STREET THEN RECONSTRUCT THE EAST HALF OF THE DRIVEWAY OF THE CTA BUS TURNOUT.
- INSTALL FINAL STRIPING AND SIGNING PER PAVEMENT MARKING AND SIGNING PLANS.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN			
NARRATIVE			
SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	35
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL SCHEDULE

LOCATION	SHEET	SUBBASE GRANULAR MATERIAL, TYPE B, 4"	PROTECTIVE COAT	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	DRIVEWAY PAVEMENT REMOVAL	SHORT TERM PAVEMENT MARKING	WORKZONE PAVEMENT MARKING REMOVAL	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	PAVEMENT MARKING REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	TEMPORARY INFORMATION SIGNING	TEMPORARY EPOXY PAVEMENT MARKING - LINE 4"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 5"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 8"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 12"
		SO YD	SO YD	SO YD	SO YD	FOOT	SO FT	FOOT	FOOT	EACH	EACH	SO FT	EACH	SO FT	FOOT	FOOT	FOOT	FOOT
STAGE 1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2	43	43	43	-	15,570	-	675.0	-	4	-	3,845	16	100	3,421	568	3,391	405
	3	-	-	-	-	-	-	-	-	-	-	14	-	-	141	-	-	-
STAGE 2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2	-	-	-	43	1,694	246	237.5	150.0	-	1	91	-	-	712	135	-	-
	3	-	-	-	-	738	47	-	-	-	-	10	-	-	363	6	-	-
TOTAL		43	43	43	43	18,002	293	912.5	150.0	4	1	3,960	16	100	4,637	709	3,391	405

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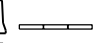

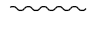
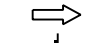

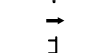
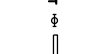
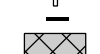




**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

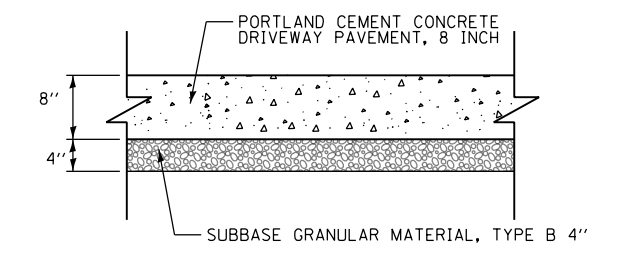
**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
SCHEDULE**

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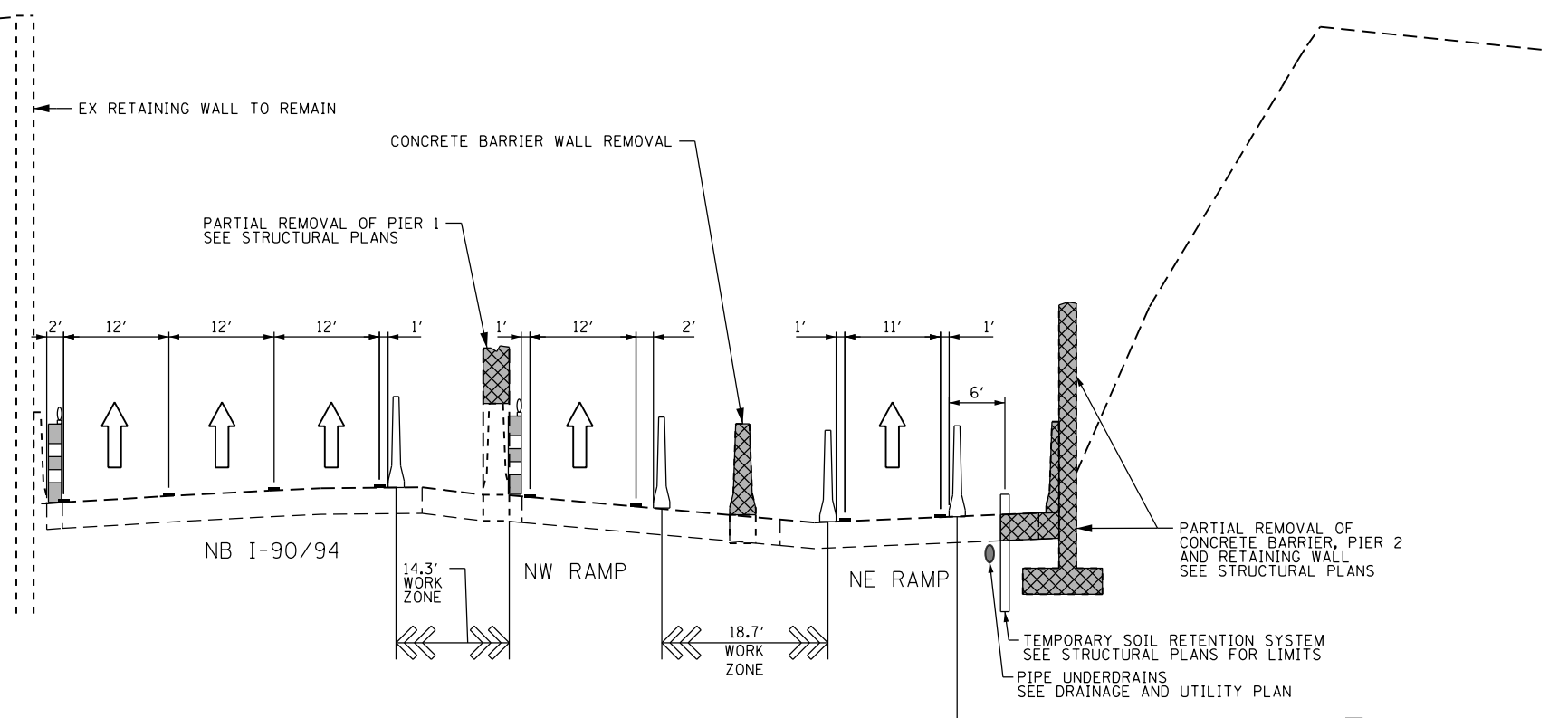
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	36
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

LEGEND

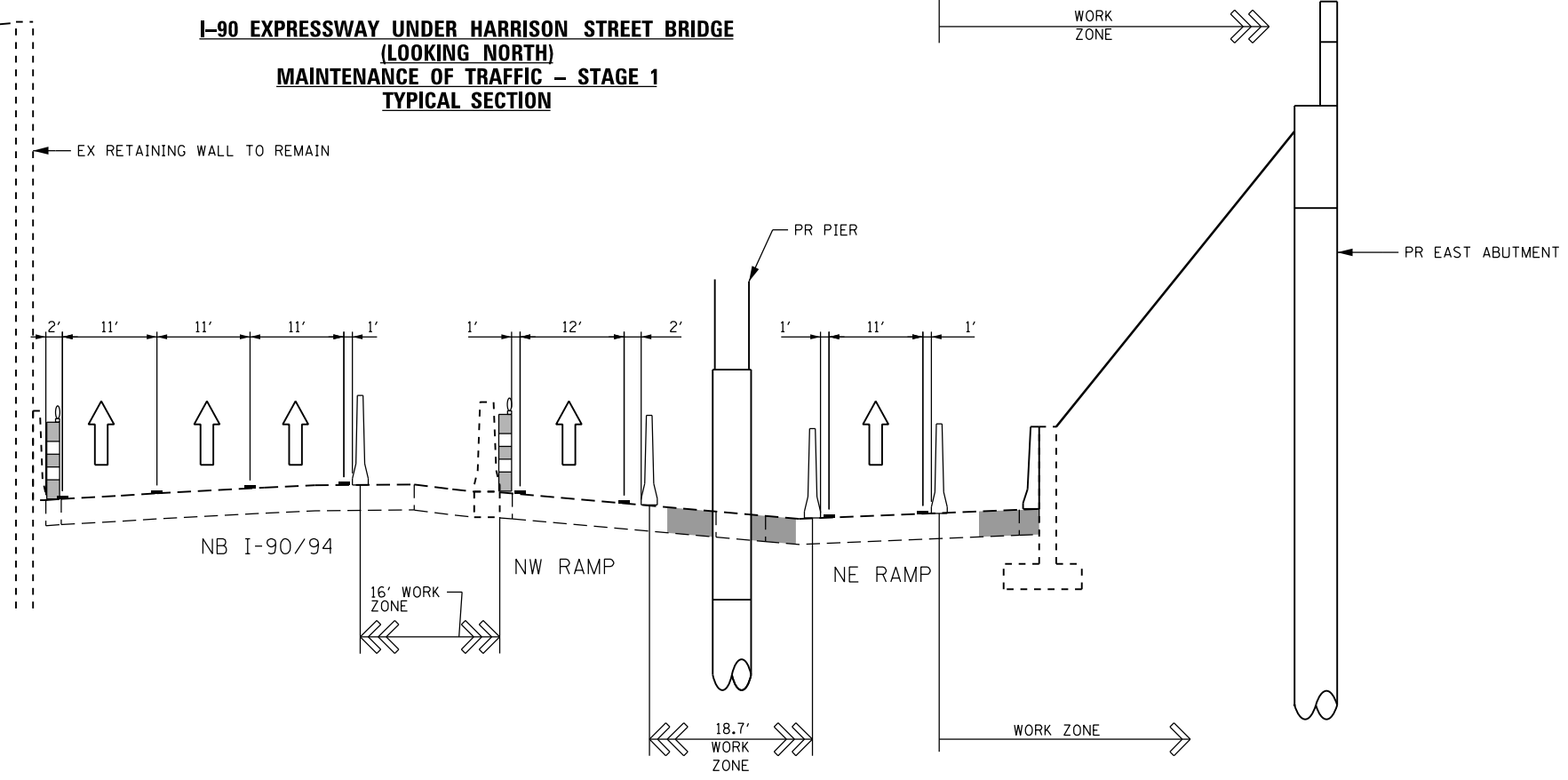
-  WORK ZONE
-  TEMPORARY IMPACT ATTENUATOR
-  TEMPORARY CONCRETE BARRIER
-  TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHT (AT SPECIFIED SPACING)
-  TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
-  DIRECTION OF TRAFFIC FLOW SIGN
-  VERTICAL PANEL WITH STEADY BURNING LIGHT (AT SPECIFIED SPACING)
-  ARROW BOARD
-  TYPE III BARRICADE
-  BARRICADE OR DRUM WITH FLASHING LIGHT
-  DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE
-  TEMPORARY PAVEMENT MARKING
-  REMOVAL LIMITS
-  CLASS D PATCHES



**TEMPORARY WIDENING AT CTA BUS TURNOUT
MAINTENANCE OF TRAFFIC – STAGE 1
TYPICAL SECTION**



**I-90 EXPRESSWAY UNDER HARRISON STREET BRIDGE
(LOOKING NORTH)
MAINTENANCE OF TRAFFIC – STAGE 1
TYPICAL SECTION**



**I-90 EXPRESSWAY UNDER HARRISON STREET BRIDGE
(LOOKING NORTH)
MAINTENANCE OF TRAFFIC – STAGE 2
TYPICAL SECTION**

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN			
TYPICAL SECTIONS			
SCALE: NONE	SHEET 1 OF 1 SHEETS	STA.	TO STA.

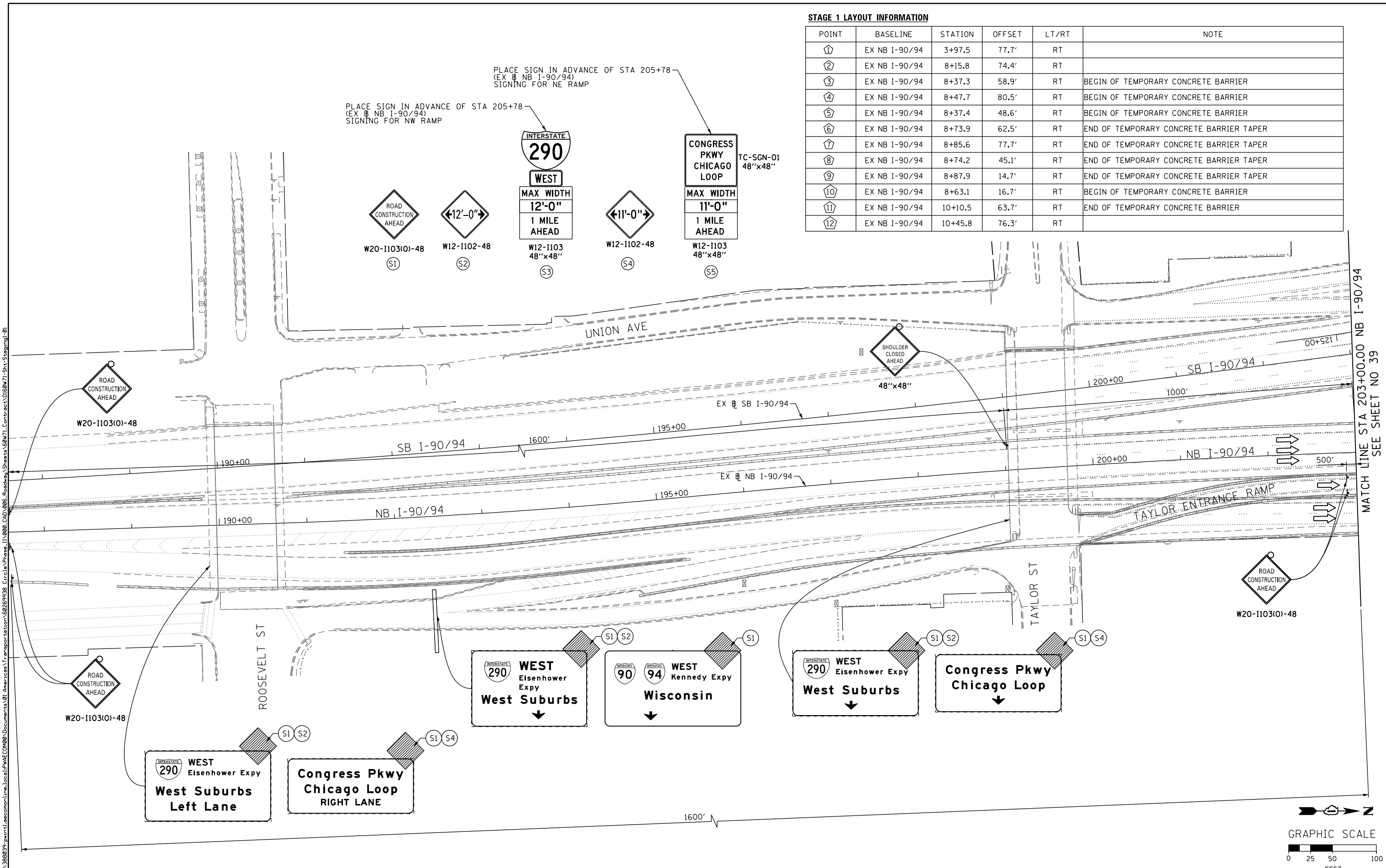
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90/94/290	2013-036R	COOK	256	37
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

STAGE 1 LAYOUT INFORMATION

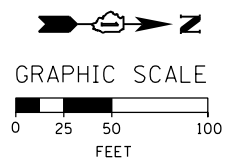
POINT	BASELINE	STATION	OFFSET	LT/RT	NOTE
①	EX NB I-90/94	3+97.5	77.7'	RT	
②	EX NB I-90/94	8+15.8	74.4'	RT	
③	EX NB I-90/94	8+37.3	58.9'	RT	BEGIN OF TEMPORARY CONCRETE BARRIER
④	EX NB I-90/94	8+47.7	80.5'	RT	BEGIN OF TEMPORARY CONCRETE BARRIER
⑤	EX NB I-90/94	8+37.4	48.6'	RT	BEGIN OF TEMPORARY CONCRETE BARRIER
⑥	EX NB I-90/94	8+73.9	62.5'	RT	END OF TEMPORARY CONCRETE BARRIER TAPER
⑦	EX NB I-90/94	8+85.6	77.7'	RT	END OF TEMPORARY CONCRETE BARRIER TAPER
⑧	EX NB I-90/94	8+74.2	45.1'	RT	END OF TEMPORARY CONCRETE BARRIER TAPER
⑨	EX NB I-90/94	8+87.9	14.7'	RT	END OF TEMPORARY CONCRETE BARRIER TAPER
⑩	EX NB I-90/94	8+63.1	16.7'	RT	BEGIN OF TEMPORARY CONCRETE BARRIER
⑪	EX NB I-90/94	10+10.5	63.7'	RT	END OF TEMPORARY CONCRETE BARRIER
⑫	EX NB I-90/94	10+45.8	76.3'	RT	

PLACE SIGN IN ADVANCE OF STA 205+78
(EX NB I-90/94)
SIGNING FOR NW RAMP

PLACE SIGN IN ADVANCE OF STA 205+78
(EX NB I-90/94)
SIGNING FOR NE RAMP



MATCH LINE STA 203+00.00 NB I-90/94
SEE SHEET NO 39



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN	
STAGE 1	
SCALE: 1" = 50'	SHEET 1 OF 3 SHEETS STA. TO STA.

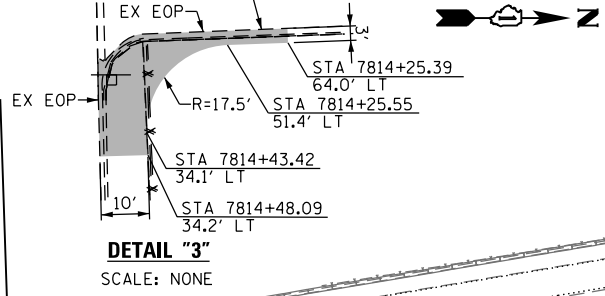
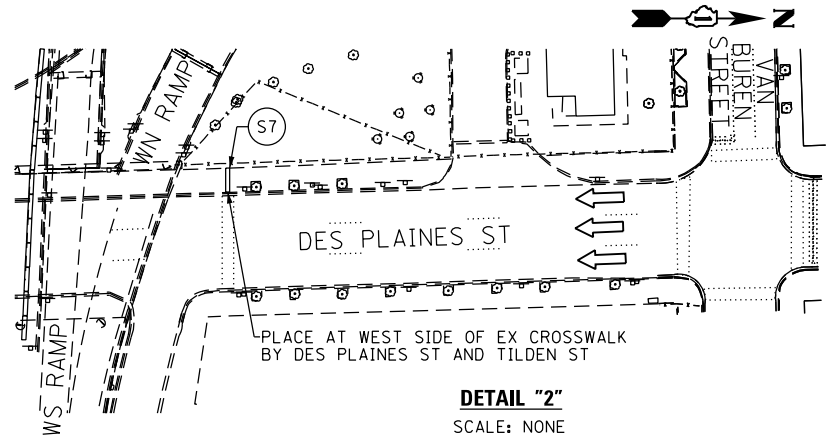
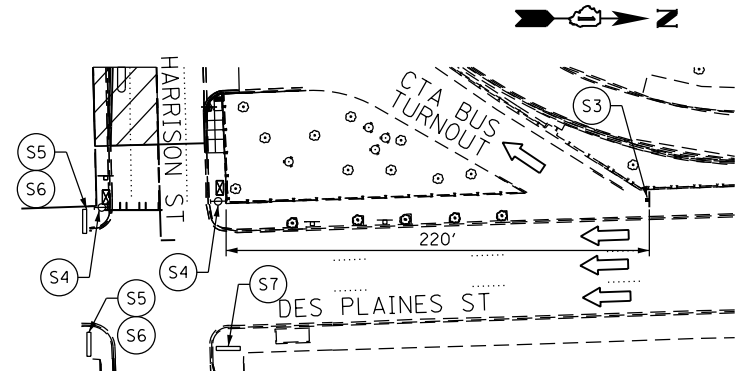
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90/94/290	2013-036R	COOK	256	38
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

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 8 (SOLID WHITE)
- (D) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (E) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (F) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (G) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND @ 100' C-C (TYP) ON TANGENTS
- (H) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON RAMP TAPERS
- (I) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (J) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) IMP ATTN TEMP FRN TL3

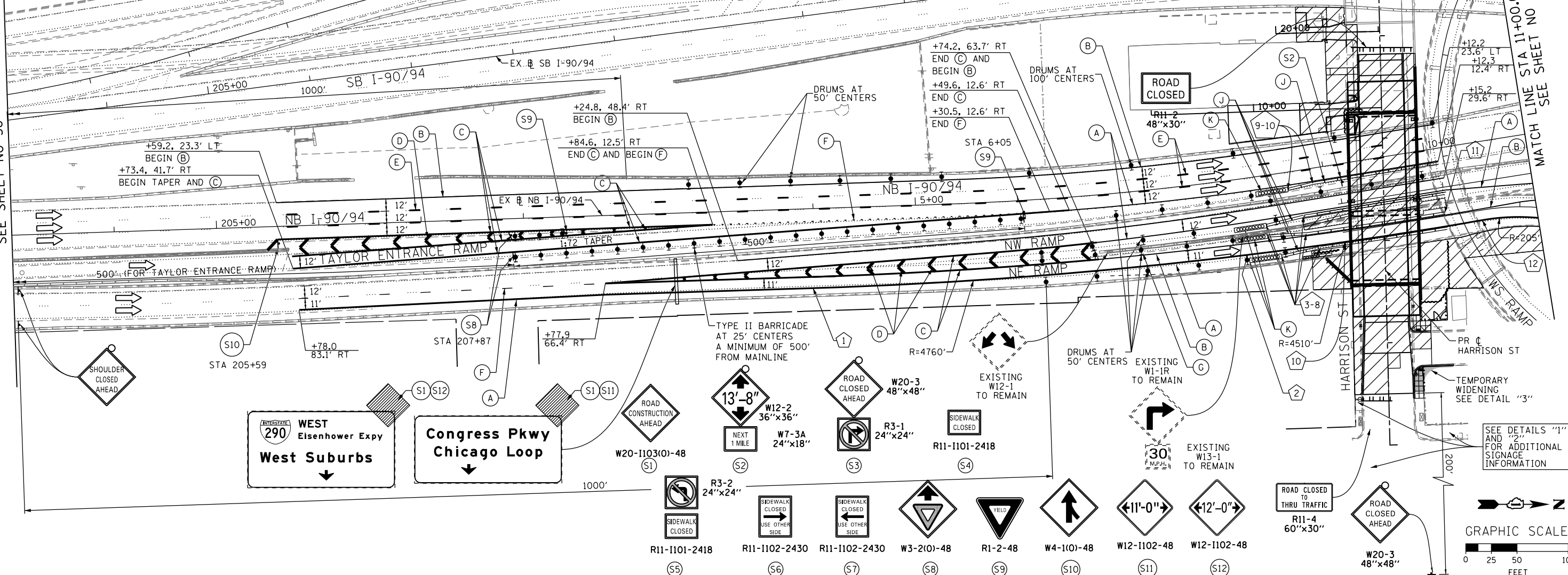
NOTE:

1. * DENOTES LAYOUT POINT NUMBER, SEE SHEET 38 FOR LAYOUT INFORMATION
2. SEE SHEET 37 FOR LEGEND AND TYPICAL SECTIONS
3. SEE SHEET 37 FOR TEMPORARY WIDENING TYPICAL SECTION



MATCH LINE STA 203+00.00 NB I-90/94
SEE SHEET NO 38

MATCH LINE STA 11+00.00 NB I-90/94
SEE SHEET NO 40



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PLOT SCALE = 100.0000' / in.
PLOT DATE = 2/19/2014

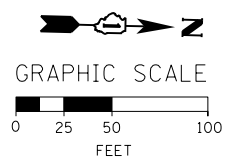
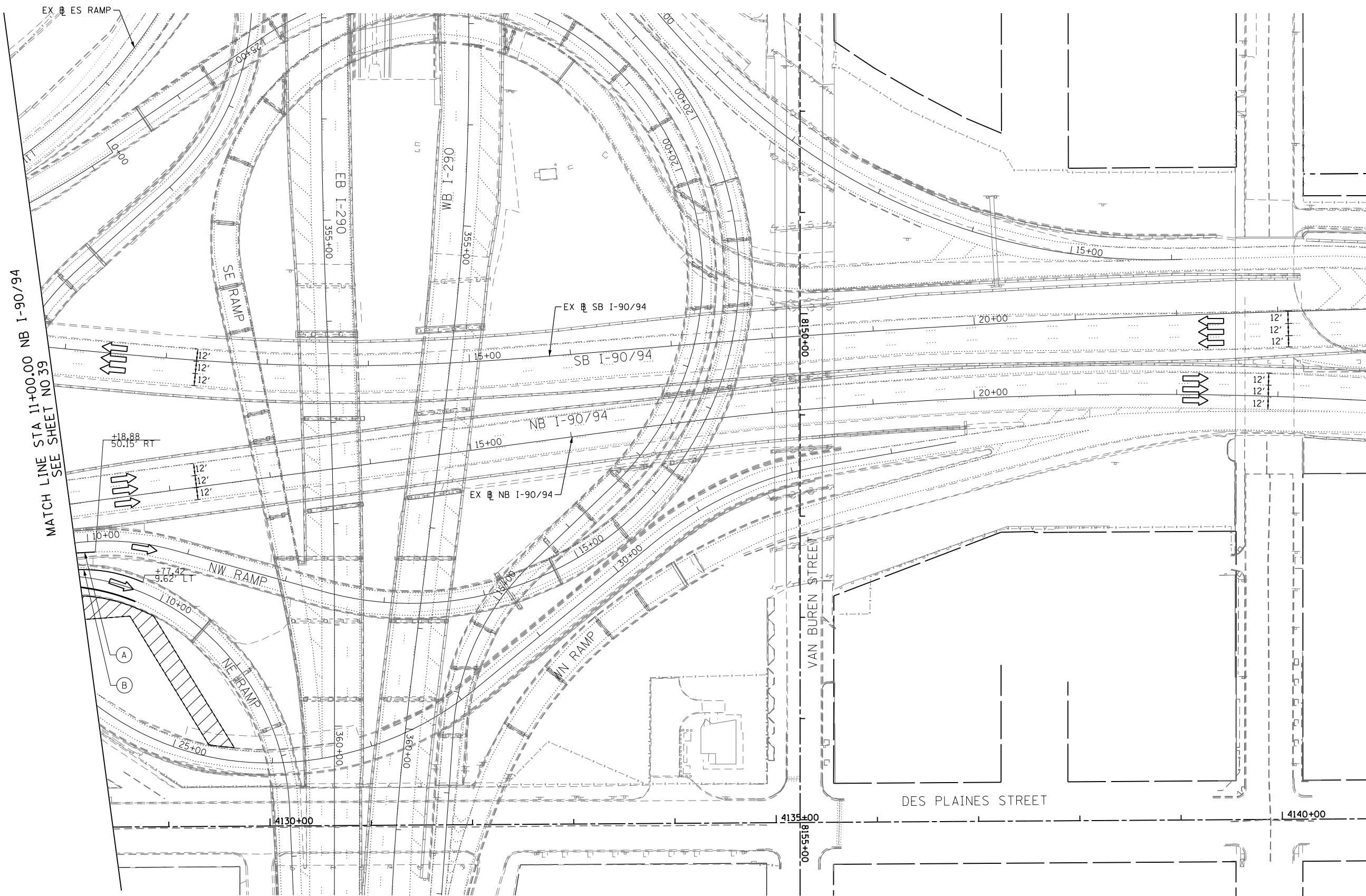
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DRAWN - OPS	REVISED -
CHECKED - DBM	REVISED -
DATE - 02/19/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
STAGE 1
SCALE: 1" = 50' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	39
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

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 USER NAME = pimsarno
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 12/19/2013

DESIGNED - OPS
 DRAWN - OPS
 CHECKED - DBM
 DATE - 12/20/13

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
 STAGE 1

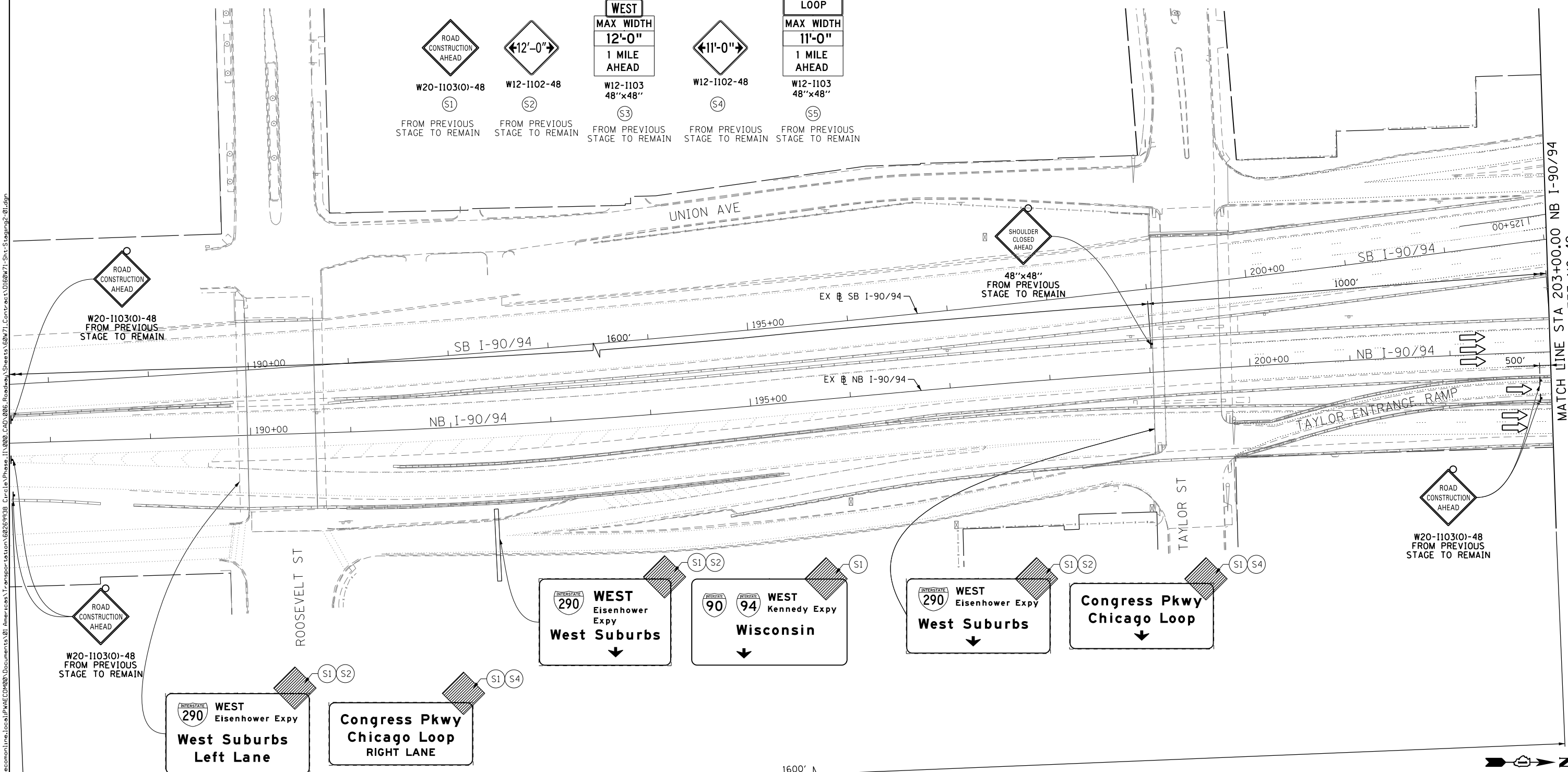
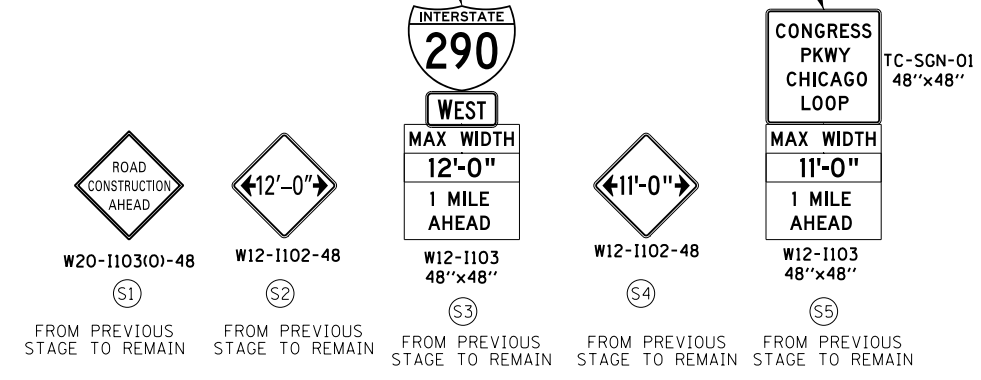
SCALE: 1" = 50' SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	40
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

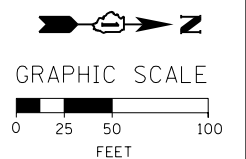
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PLACE SIGN IN ADVANCE OF STA 205+78
(EX NB I-90/94)
FROM PREVIOUS STAGE TO REMAIN

SIGN IN ADVANCE OF STA 205+78
(EX NB I-90/94)
FROM PREVIOUS STAGE TO REMAIN



MATCH LINE STA 203+00.00 NB I-90/94
SEE SHEET NO 42



D160W71-Sht-Staging2-01.dgn
USER NAME = pimsarno
PLOT SCALE = 50.0000' / in.
PLOT DATE = 12/19/2013

DESIGNED - OPS	REVISED -
DRAWN - OPS	REVISED -
CHECKED - DBM	REVISED -
DATE - 12/20/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
STAGE 2
SCALE: 1" = 50' SHEET 1 OF 3 SHEETS STA. TO STA.

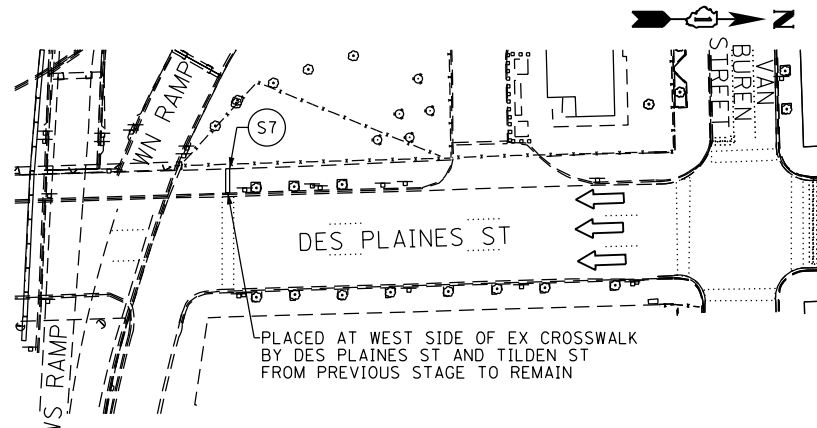
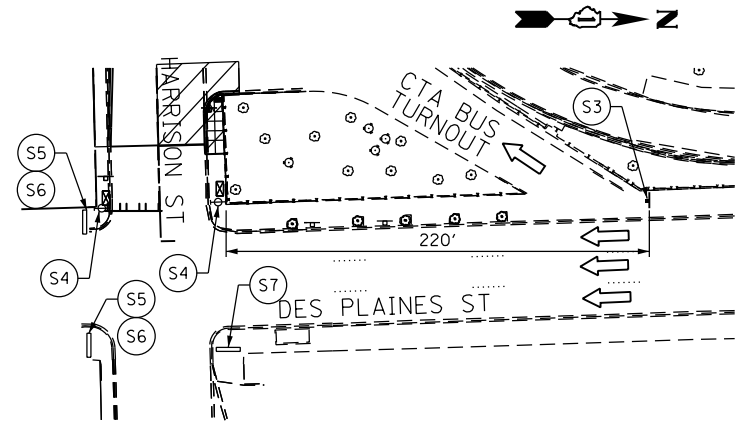
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	41
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

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 8 (SOLID WHITE)
- (D) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (E) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (F) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (G) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND @ 100' C-C (TYP) ON TANGENTS
- (H) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON RAMP TAPERS
- (I) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (J) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) IMP ATTN TEMP FRN TL3

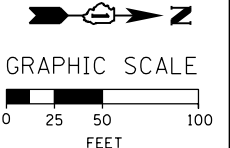
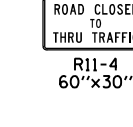
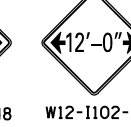
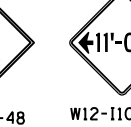
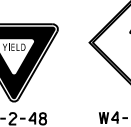
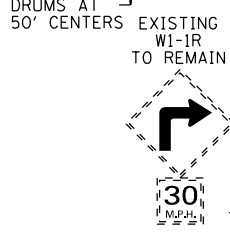
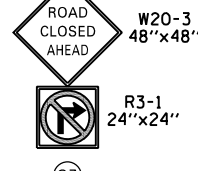
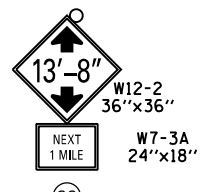
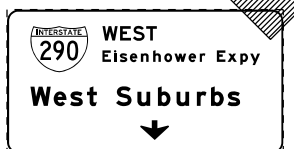
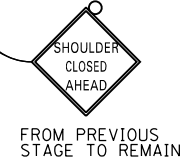
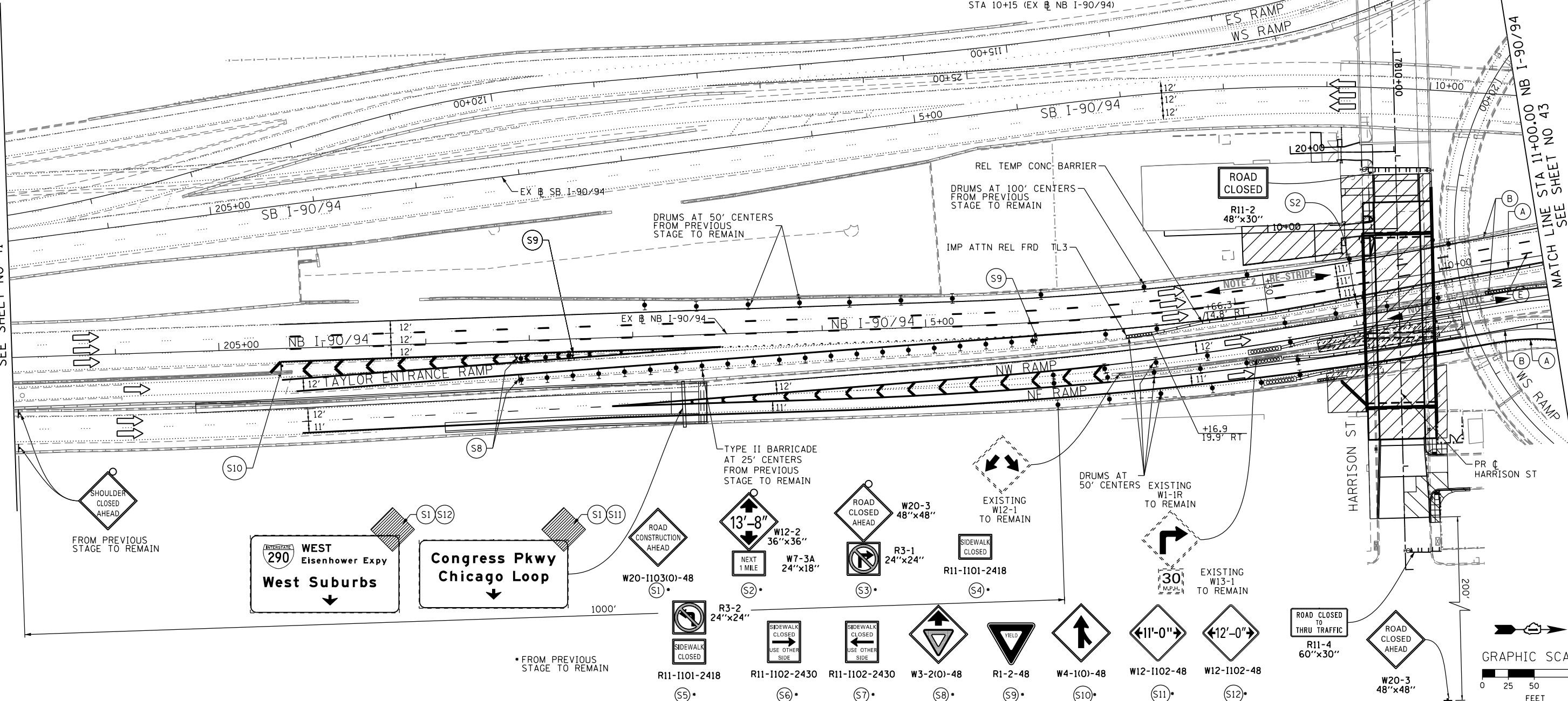
NOTE:

1. ALL TRAVEL LANES ON NB I-90/94 AND NW RAMP SHALL TIE INTO CURRENT STAGE OF CONSTRUCTION FOR NW RAMP FLYOVER CONTRACT 60W28 AND CONFORM TO ALL APPLICABLE IDOT DISTRICT 1 STANDARDS.
2. UNLESS NOTED OTHERWISE ALL PAVEMENT MARKINGS AND SIGNINGS ARE FROM PREVIOUS STAGE TO REMAIN
3. BEGIN PAVEMENT MARKING ALONG NW RAMP STA 10+15 (EX @ NB I-90/94)



MATCH LINE STA 203+00.00 NB I-90/94
SEE SHEET NO 41

MATCH LINE STA 11+00.00 NB I-90/94
SEE SHEET NO 43



D160W71-Sht-Staging2-02.dgn
USER NAME = pimsarno
PLOT SCALE = 100.0000' / in.
PLOT DATE = 2/19/2014

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DRAWN - OPS	REVISED -
CHECKED - DBM	REVISED -
DATE - 02/19/14	REVISED -

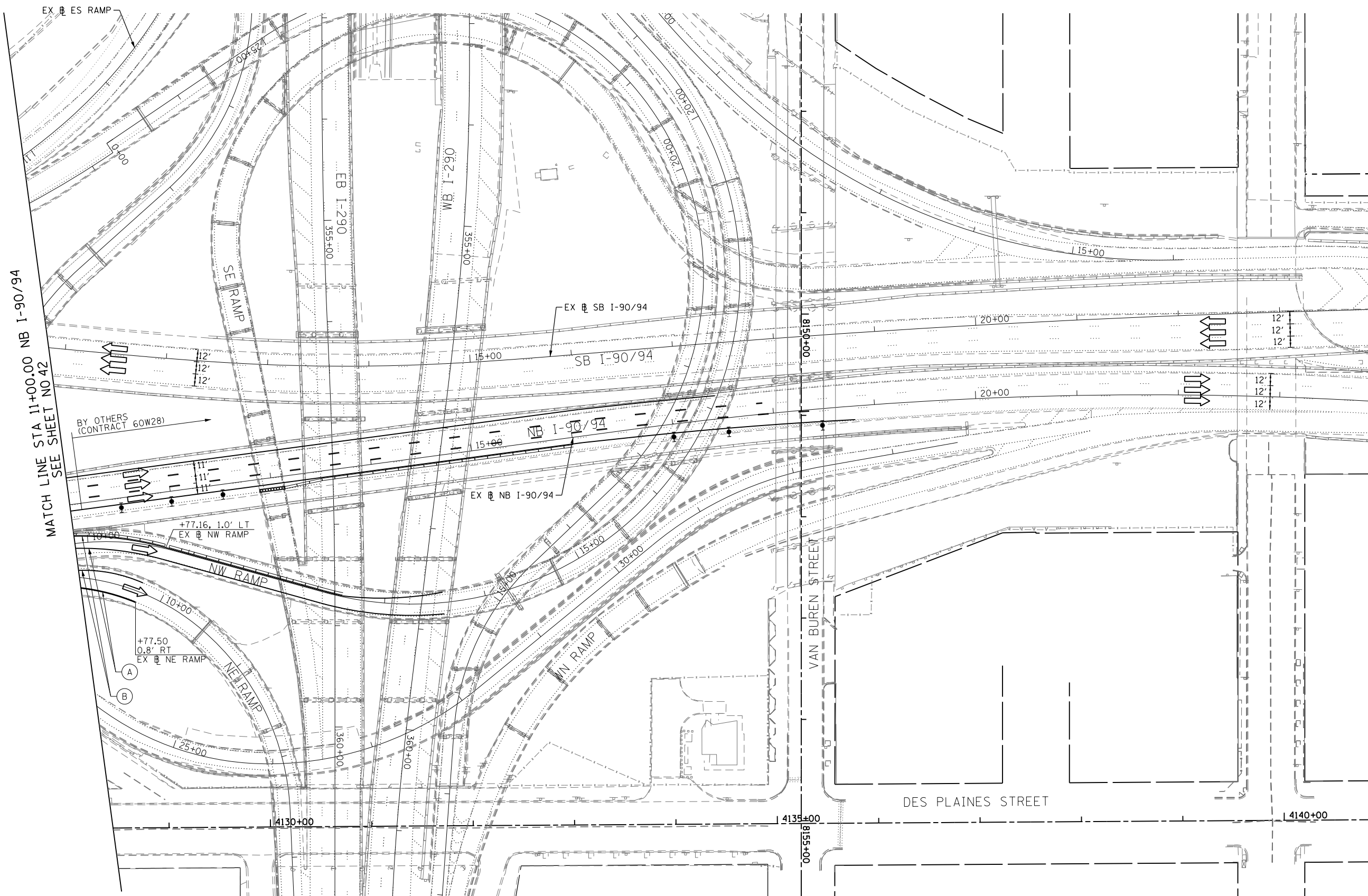
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
STAGE 2

SCALE: 1" = 50' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	42
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

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 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 12/19/2013

DESIGNED - OPS	REVISED -
DRAWN - OPS	REVISED -
CHECKED - DBM	REVISED -
DATE - 12/20/13	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
 STAGE 2**

SCALE: 1" = 50' SHEET 3 OF 3 SHEETS STA. TO STA.




F.A.I. RTE. 90/94/290	SECTION 2013-036R	COUNTY COOK	TOTAL SHEETS 256	SHEET NO. 43
CONTRACT NO. 60W71				
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 ENGINEER WILL IMPLEMENT ALL PROVISIONS OF SPECIFICATION TO NECESSARY 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. 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).
4. 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.
5. 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.
6. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN HIGHWAY STANDARD 280001-07.
7. 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.
8. THE CONTRACTOR WILL BE REQUIRED TO IMPLEMENT AND MAINTAIN SEDIMENT CONTROL MEASURES PRIOR TO STRIPPING EXISTING VEGETATION.
9. 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.
10. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPROVED PER SUB-STAGE AS SOON AS ROUGH GRADING IS COMPLETED 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.
11. MULCH, METHOD 4 AND SURFACE ROUGHENING SHALL BE USED FOR TEMPORARY STABILIZATION DURING WINTER INSTEAD OF TEMPORARY EROSION CONTROL SEEDING WHEN GRADING WILL OCCUR AFTER SEPTEMBER 30TH WHEN TEMPORARY SEED WILL NOT GERMINATE AND PROVIDE EROSION CONTROL PROTECTION UNTIL THE FOLLOWING SPRING.
12. ANY AREA WHERE THERE IS NO PROPOSED GRADING THE EXISTING GROUND COVER SHALL REMAIN.

13. TEMPORARY STOCKPILE LOCATIONS SHALL BE APPROVED BY THE ENGINEER AND WILL REQUIRE SILT FENCE AND TEMPORARY SEEDING.
14. 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.
15. 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.
16. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PROJECT.
17. THE CONTRACTOR SHALL IMMEDIATELY INSTALL AND MAINTAIN INLET FILTERS AT ALL NEW INLETS AND DRAINAGE STRUCTURES. THE INLET FILTERS SHALL BE MAINTAINED AT EACH SUBSEQUENT STAGE UNTIL COMPLETION OF STAGING OR UNTIL NO LONGER REQUIRED.
18. THE CONSTRUCTION OF THE STABILIZED ENTRANCES/EXITS SHALL BE INCLUDED IN THE COST OF THE CONTRACT. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED. LOCATIONS OF THE ENTRANCES/EXITS SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. THE INSTALLATION OF THE ENTRANCE/EXITS SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL OR AS DIRECTED BY THE ENGINEER.
19. 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 STAGE 2 OR NO LONGER REQUIRED.
20. A QUANTITY OF 100 FEET OF EXPLORATION TRENCH SPECIAL HAS BEEN INCLUDED IN THE PLANS FOR THE PURPOSE OF IDENTIFYING ANY BURIED OBSTACLE. THE ENGINEER SHALL APPROVE THE LOCATIONS OF THE EXPLORATION TRENCH, SPECIAL BEFORE ANY EXCAVATION MAY BEGIN.

TEMPORARY EROSION CONTROL LEGEND

-  INLET FILTER
-  PERIMETER EROSION BARRIER
-  MULCH, METHOD 4
- LIMITS OF CONSTRUCTION

PERMANENT EROSION CONTROL LEGEND

-  EROSION CONTROL BLANKET SEEDING, CLASS 2A
-  NITROGEN FERTILIZER NUTRIENT
-  POTASSIUM FERTILIZER NUTRIENT
-  SODDING, SALT TOLERANT TOPSOIL FURNISH AND PLACE, 4"
- LIMITS OF CONSTRUCTION

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DI60W71-sht-Eros-Notes	DESIGNED - AFC	REVISED -
USER NAME = ChiuA	DRAWN - AFC	REVISED -
PLOT SCALE = 50.0000' / in.	CHECKED - DBM	REVISED -
PLOT DATE = 12/17/2013	DATE - 12/20/13	REVISED -

**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	2013-036R	COOK	256	44
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

TEMPORARY EROSION CONTROL SCHEDULE

	MULCH, METHOD 4	PERIMETER EROSION BARRIER	INLET FILTERS
STAGES	ACRE	FOOT	EACH
STAGE 1 AND 2	0.28	1080	20
ROUNDED TOTAL	0.50	1080	20

INLET FILTER SCHEDULE (STAGE 1 AND 2)

LOCATION		ALIGNMENT	AMOUNT (EACH)
STATION	OFFSET		
7810+96	33.75' RT	P-HAR-CL	1
7811+33	24.42' RT	P-HAR-CL	1
7811+37	22.00' RT	P-HAR-CL	1
7811+35	22.00' LT	P-HAR-CL	1
7811+36	24.38' LT	P-HAR-CL	1
7811+55	5.00' RT	P-HAR-CL	1
7811+60	41.98' RT	P-HAR-CL	1
7811+70	39.27' RT	P-HAR-CL	1
7813+11	51.09' LT	P-HAR-CL	1
7813+44	48.28' LT	P-HAR-CL	1
7813+57	22.82' RT	P-HAR-CL	1
7813+90	21.94' LT	P-HAR-CL	1
7813+98	22.29' RT	P-HAR-CL	1
7814+75	23.76' LT	P-HAR-CL	1
7814+76	24.94' RT	P-HAR-CL	1
7+42	15.72' RT	E-CIR-NE	1
7+43	20.00' RT	E-CIR-NE	1
9+79	14.55' RT	E-CIR-NE	1
8+75	25.71' LT	E-KDR-NB	1
9+42	24.55' LT	E-KDR-NB	1
TOTAL			20

PERMANENT EROSION CONTROL SCHEDULE

	TOPSOIL FURNISH AND PLACE, 4"	SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	EROSION CONTROL BLANKET	SODDING, SALT TOLERANT	SUPPLEMENTAL WATERING
	SO YD	ACRE	POUND	POUND	SO YD	SO YD	UNIT
PERMANENT CONDITION	338	0.20	45	45	986	338	3.4
ROUNDED TOTAL	338	0.25	45	45	986	338	3.4

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D160W71-sht-Eros-Schedule
 USER NAME = ChiuA
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 PLOT DATE = 2/17/2014

DESIGNED - AFC
 DRAWN - AFC
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 DATE - 02/19/14

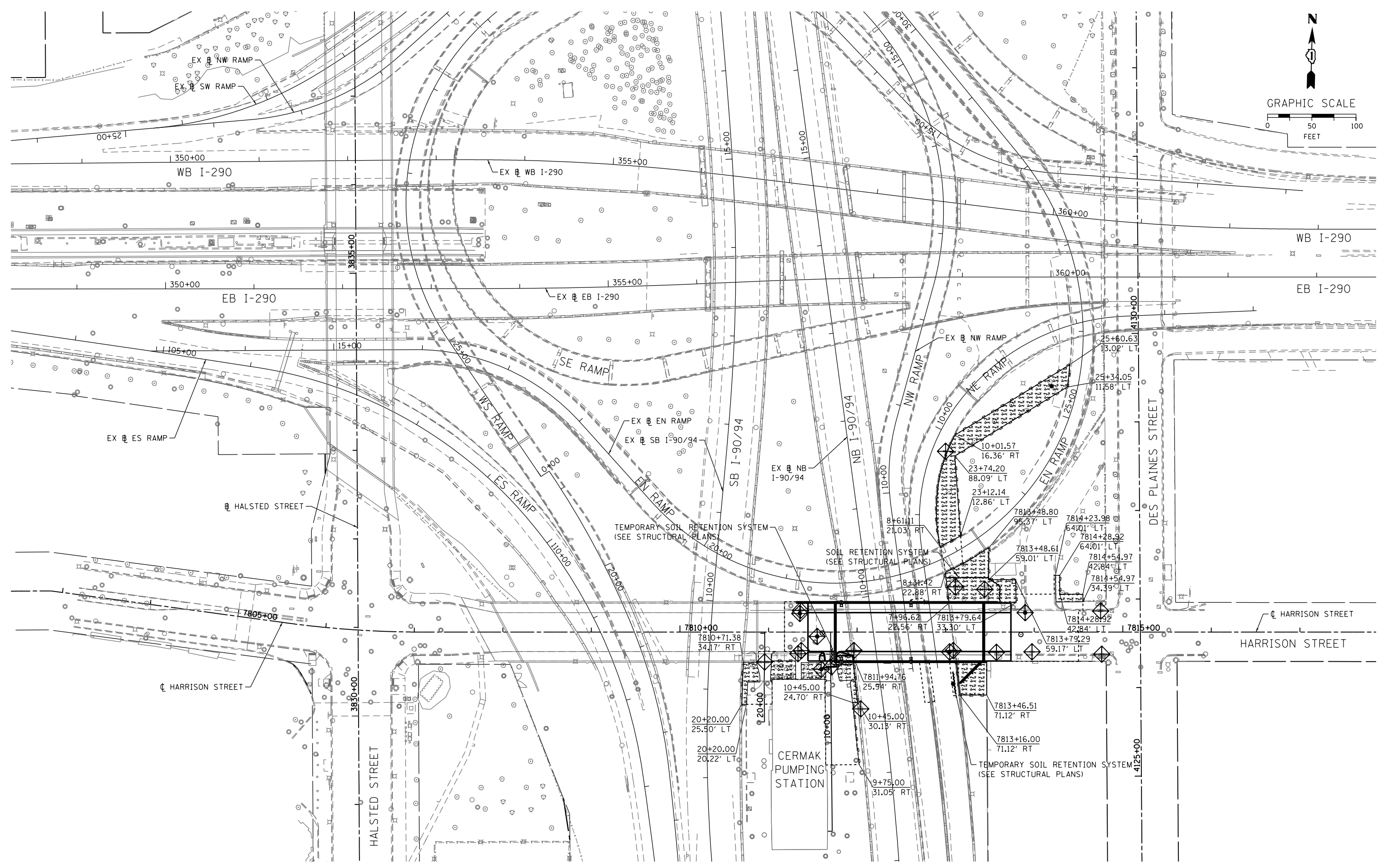
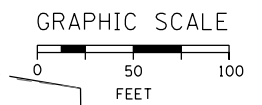
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL SCHEDULES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	45
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				



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D160W71-sht-Eros-Stage-01-02
USER NAME = chiue
PLOT SCALE = 100.0000' / 1" = 100'
PLOT DATE = 2/19/2014

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CHECKED - DBM
DATE - 02/19/14
REVISED -
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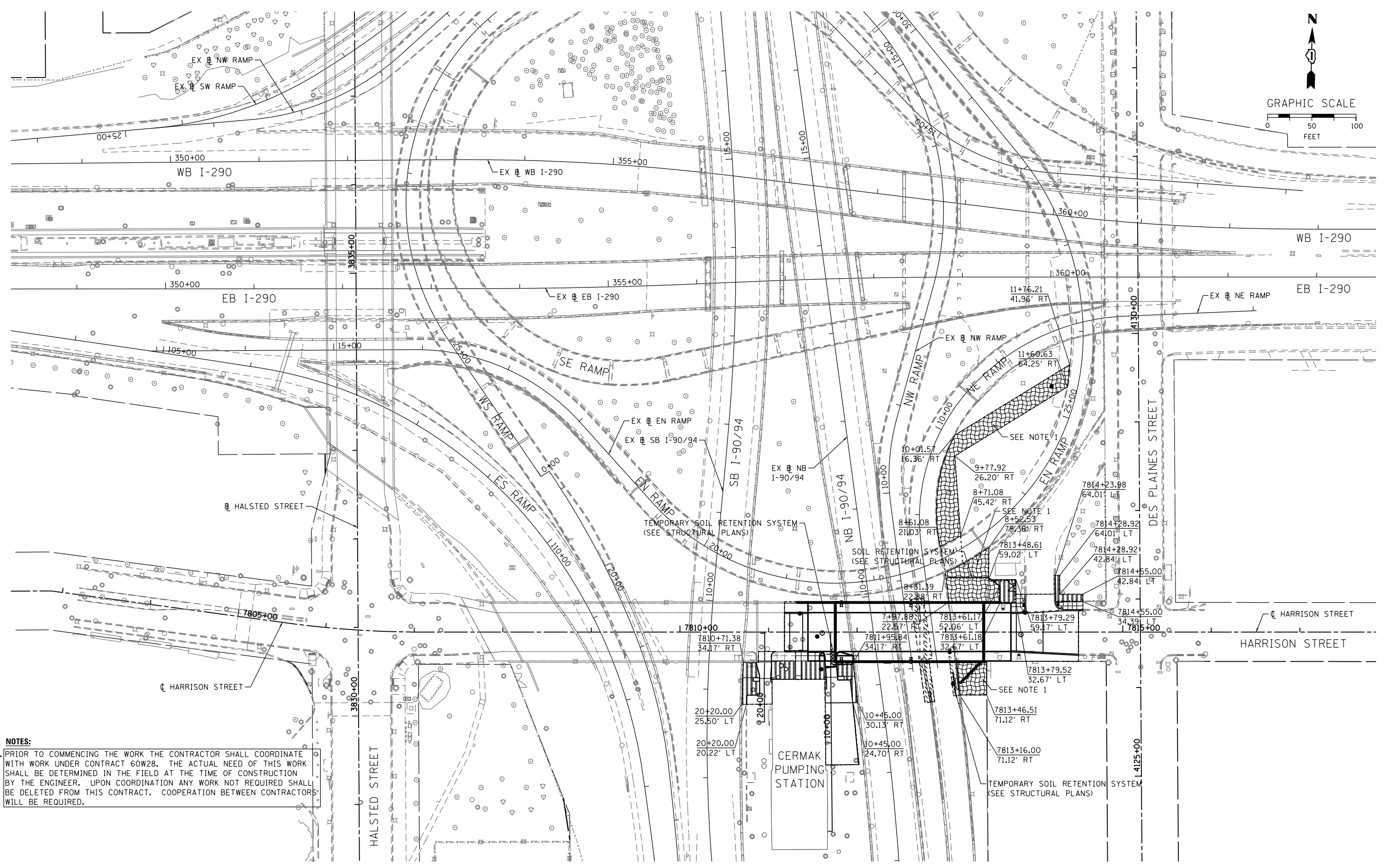
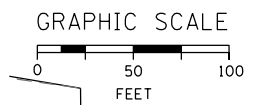
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENTATION CONTROL PLAN
STAGE 1 AND 2

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	46
CONTRACT NO. 60W71				

ILLINOIS FED. AID PROJECT



NOTES:

1. PRIOR TO COMMENCING THE WORK THE CONTRACTOR SHALL COORDINATE WITH WORK UNDER CONTRACT 60W28. THE ACTUAL NEED OF THIS WORK SHALL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. UPON COORDINATION ANY WORK NOT REQUIRED SHALL BE DELETED FROM THIS CONTRACT. COOPERATION BETWEEN CONTRACTORS WILL BE REQUIRED.

FILE PATH = p:\388035-p\m\1\escomon\me\local\p\AEC\000\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\005_Roadway_Sheets\60W71-Permanen



D160W71-sht-Eros-Permanent
 USER NAME = chiue
 PLOT SCALE = 100.0000' / 1" = 100'
 PLOT DATE = 2/19/2014

DESIGNED - AFC	REVISED -
DRAWN - AFC	REVISED -
CHECKED - DBM	REVISED -
DATE - 02/19/14	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

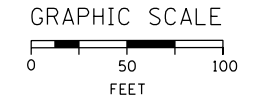
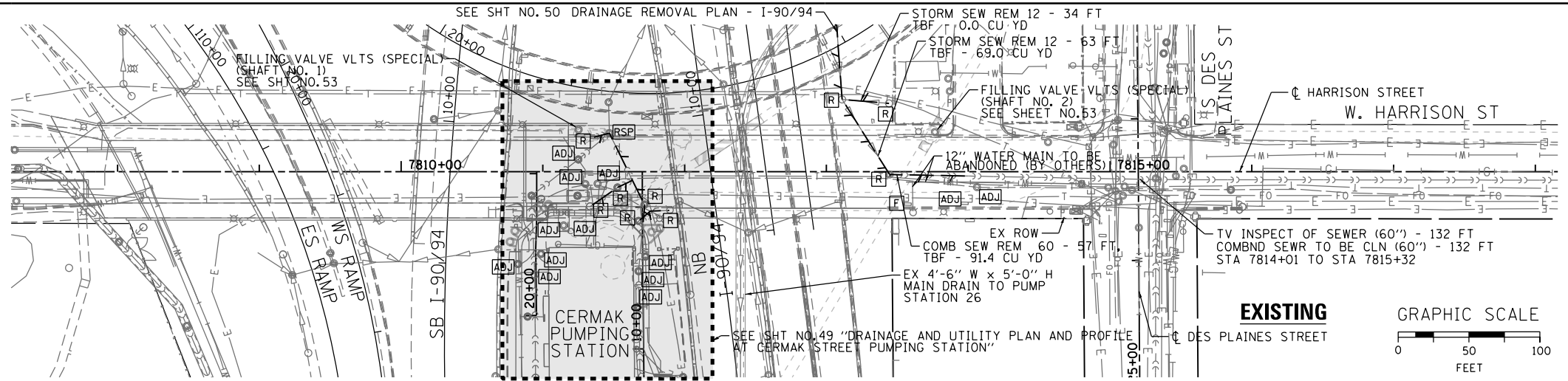
PERMANENT EROSION AND SEDIMENTATION CONTROL PLAN

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

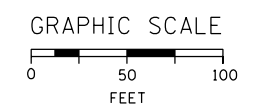
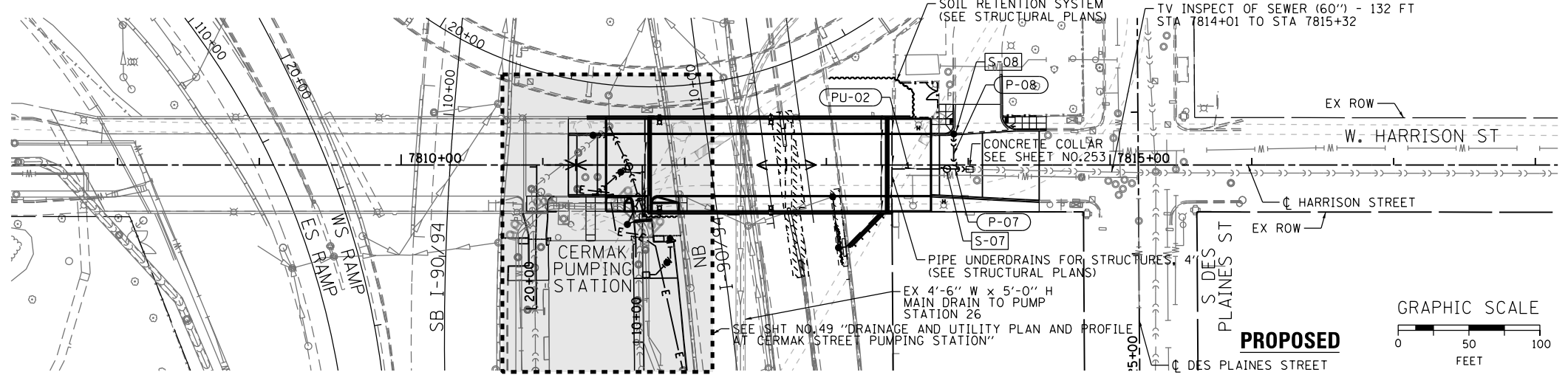
F.A.I. RTE. 90/94/290	SECTION 2013-036R	COUNTY COOK	TOTAL SHEETS 256	SHEET NO. 47
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

LEGEND

- ADJ TO BE ADJUSTED
- RSP TO BE RECONSTRUCTED (SPECIAL)
- R TO BE REMOVED
- F TO BE FILLED

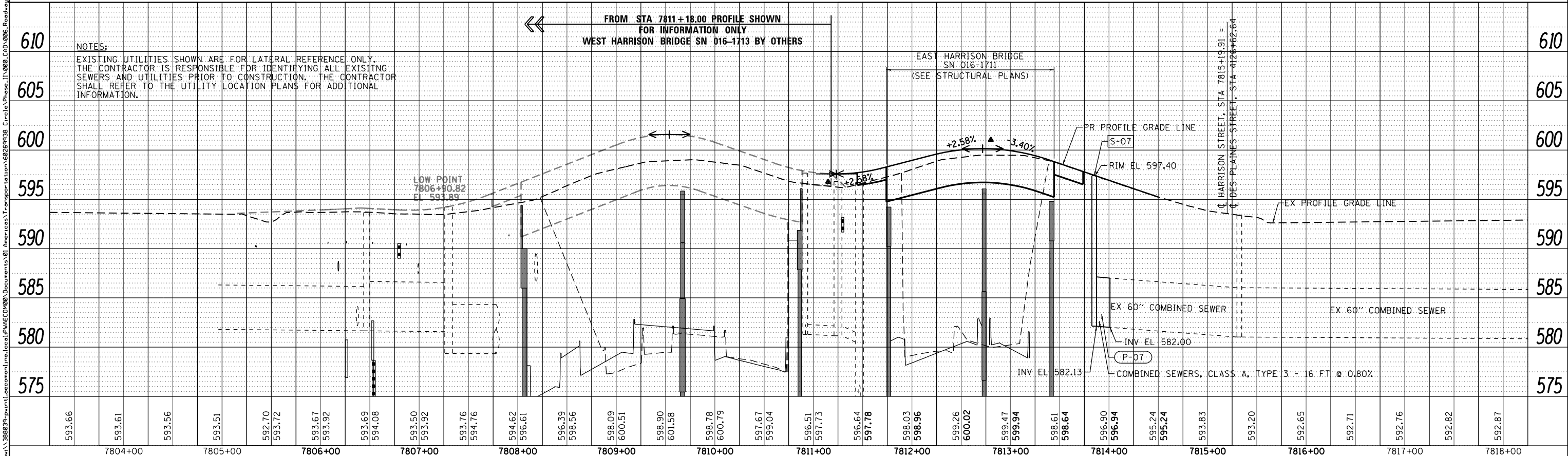


- NOTES:**
- SEE LIGHTING AND ITS PLANS FOR REMOVAL AND CONSTRUCTION OF STRUCTURES, DUCTBANKS AND CONDUITS.



PLAN	SUBMITTED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	GRID FILE NAME	
	NO.	
	BY	

PROFILE	SUBMITTED	DATE
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO.	
	BY	



593.66	593.61	593.56	593.51	592.70	593.72	593.67	593.92	593.69	594.08	593.50	593.92	593.76	594.76	594.62	596.61	596.39	598.56	598.09	600.51	598.90	601.58	598.78	600.79	597.67	599.04	596.51	597.73	596.64	597.78	598.03	598.96	599.26	600.02	599.47	599.94	598.61	598.64	596.90	596.94	595.24	595.24	593.83	593.20	592.65	592.71	592.76	592.82	592.87
7804+00		7805+00		7806+00		7807+00		7808+00		7809+00		7810+00		7811+00		7812+00		7813+00		7814+00		7815+00		7816+00		7817+00		7818+00																				



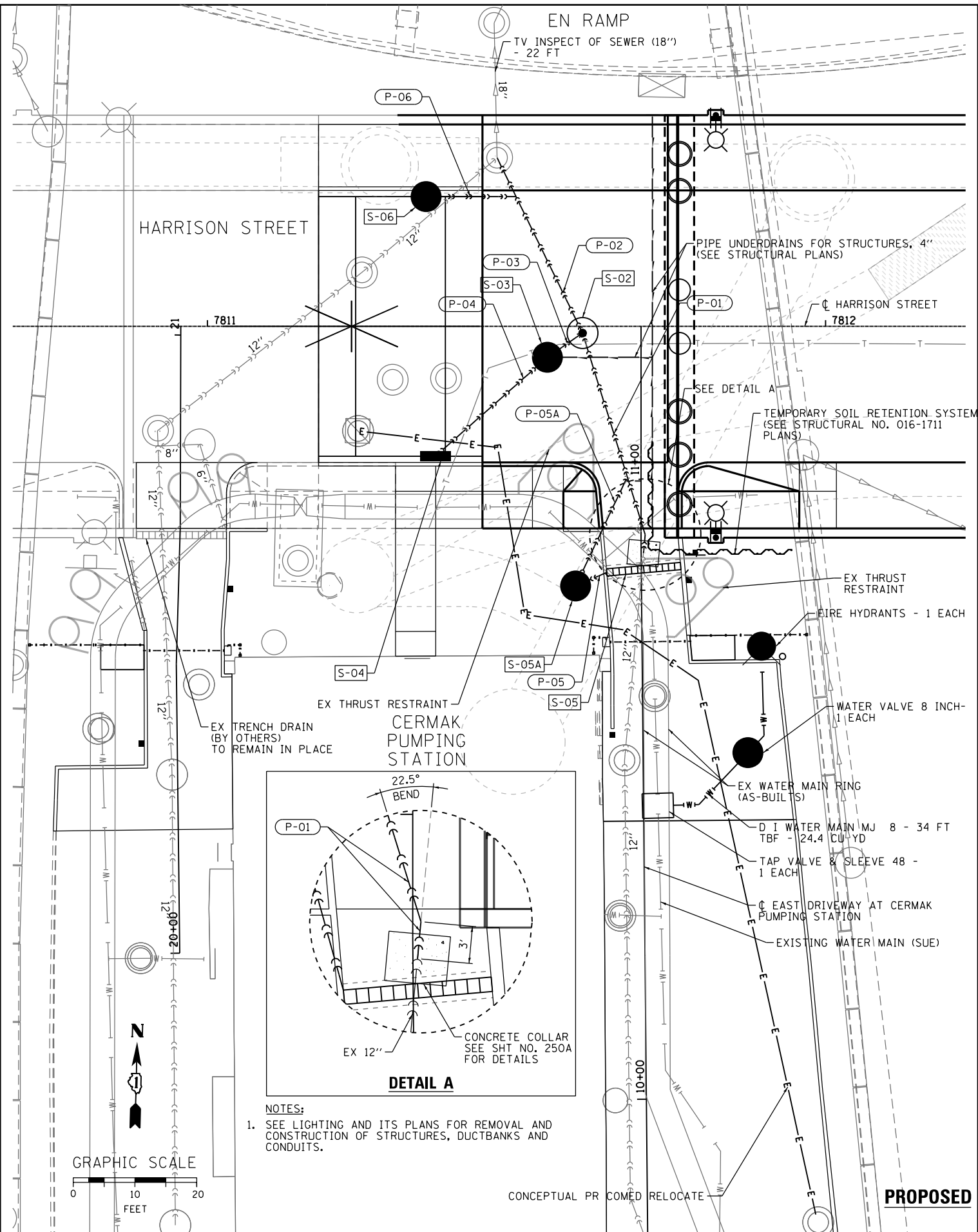
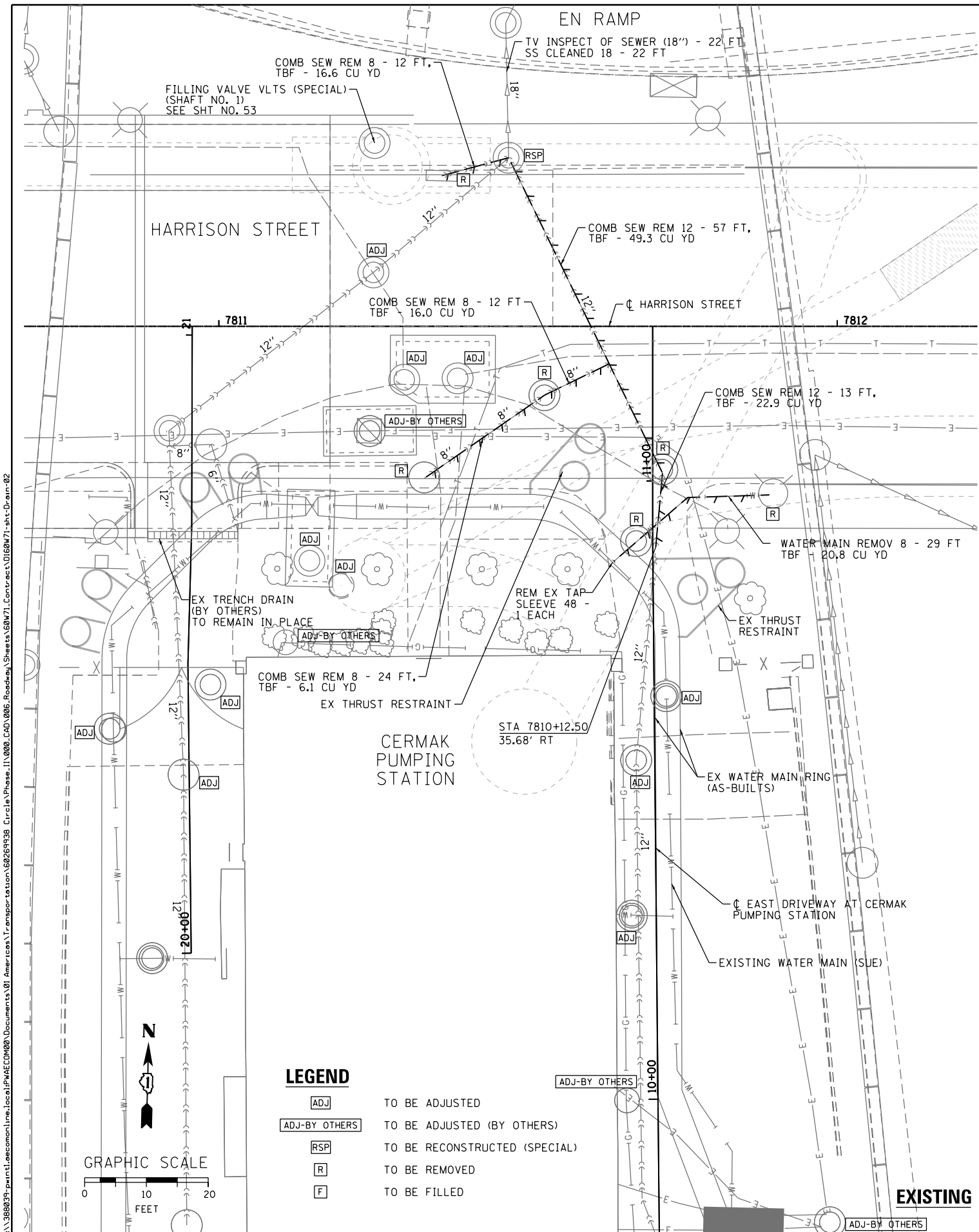
D160W71-sht-Drain-01	DESIGNED - AFC/MSC	REVISED -
USER NAME = chiwo	DRAWN - AFC/MSC	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - EEY/DBM	REVISED -
PLOT DATE = 2/19/2014	DATE - 02/19/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY PLAN AND PROFILE
HARRISON STREET**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	48
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				



LEGEND

ADJ	TO BE ADJUSTED
ADJ-BY OTHERS	TO BE ADJUSTED (BY OTHERS)
RSP	TO BE RECONSTRUCTED (SPECIAL)
R	TO BE REMOVED
F	TO BE FILLED

NOTES:
 1. SEE LIGHTING AND ITS PLANS FOR REMOVAL AND CONSTRUCTION OF STRUCTURES, DUCTBANKS AND CONDUITS.



D160W71-sht-Drain-02
 USER NAME = pimsarno
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 2/21/2014

DESIGNED - AFC/MSC	REVISED -
DRAWN - AFC/MSC	REVISED -
CHECKED - EY/DBM	REVISED -
DATE - 02/19/14	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLAN
 AT CERMAK PUMPING STATION

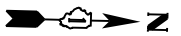
SCALE: 1" = 10' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	49
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

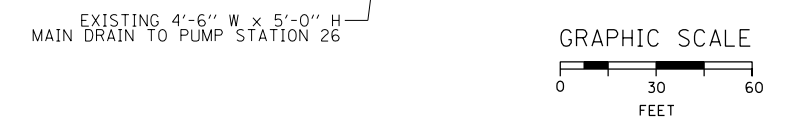
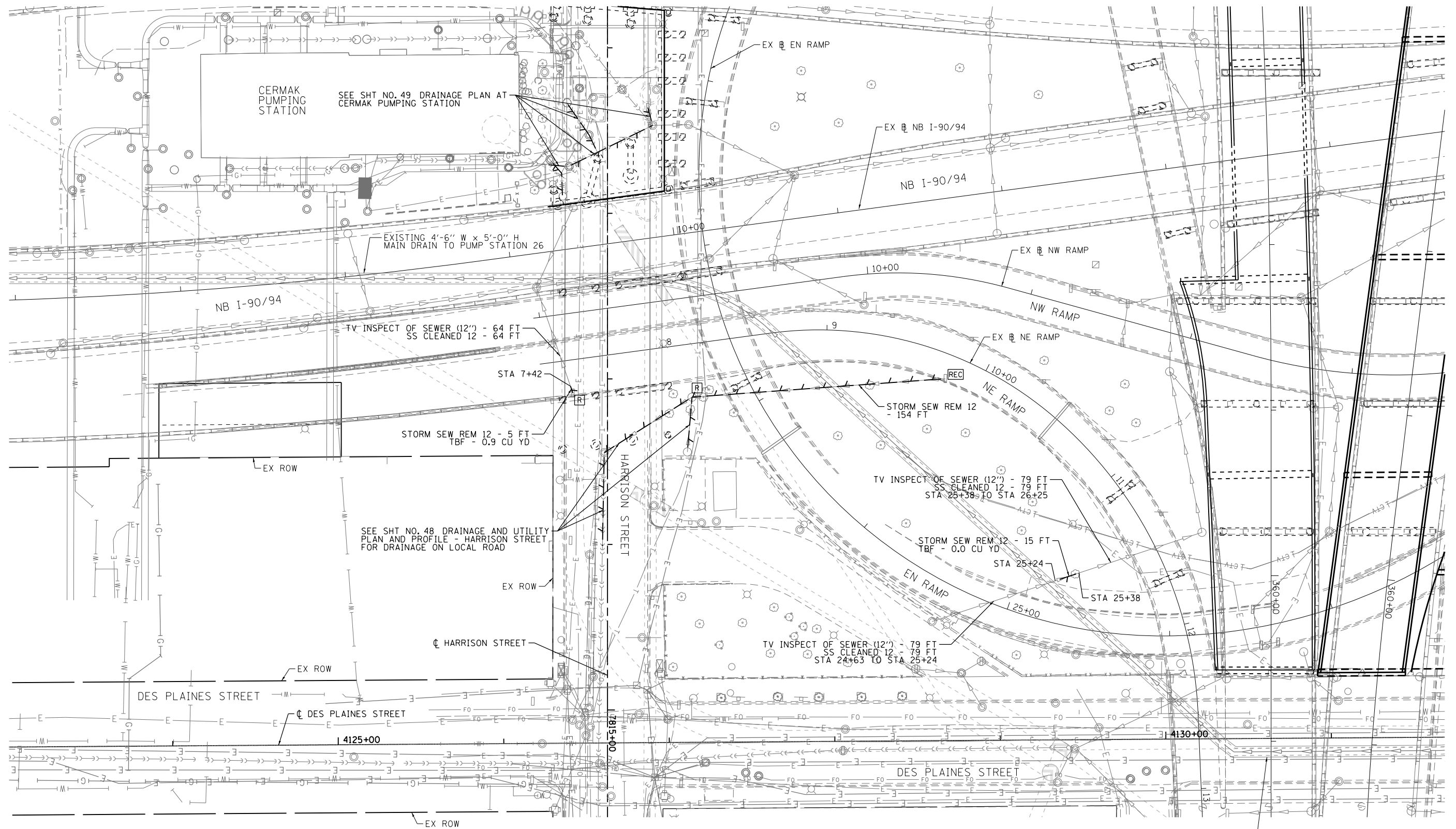
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LEGEND

- [ADJ] TO BE ADJUSTED
- [REC] TO BE RECONSTRUCTED
- [R] TO BE REMOVED



EXISTING



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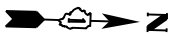


D160W71-sht-Drain-03	DESIGNED - AFC	REVISED -
USER NAME = chitua	DRAWN - AFC	REVISED -
PLOT SCALE = 30.0000' / 1"	CHECKED - E E Y	REVISED -
PLOT DATE = 12/19/2013	DATE - 12/20/13	REVISED -

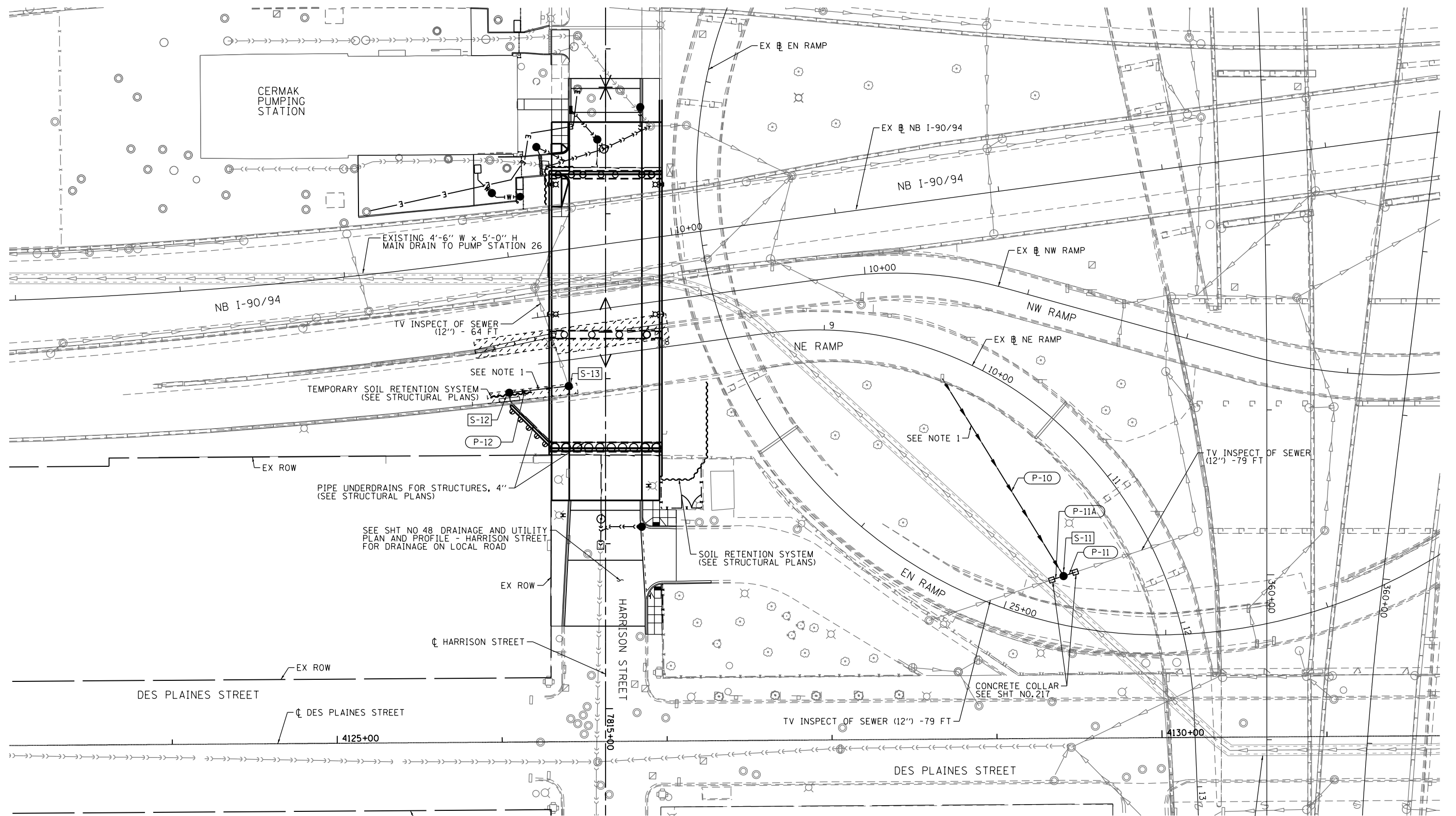
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE REMOVAL PLAN	
I-90/94	
SCALE: 1"=30'	SHEET 1 OF 1 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	50
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

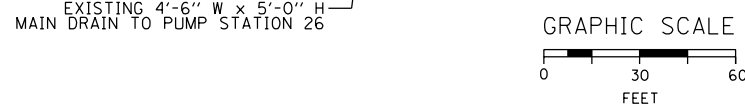


PROPOSED



NOTE:

1. PRIOR TO COMMENCING THE WORK THE CONTRACTOR SHALL COORDINATE WITH WORK UNDER CONTRACT 60W28. THE ACTUAL NEED OF THIS WORK SHALL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. UPON COORDINATION ANY WORK DETERMINED NOT REQUIRED SHALL BE DELETED FROM THIS CONTRACT. COOPERATION BETWEEN CONTRACTORS WILL BE REQUIRED.



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D160W71-sht-Drain-04
 USER NAME = chiue
 PLOT SCALE = 60.0000' / in.
 PLOT DATE = 2/19/2014

DESIGNED - AFC	REVISED -
DRAWN - AFC	REVISED -
CHECKED - EEE	REVISED -
DATE - 02/19/14	REVISED -

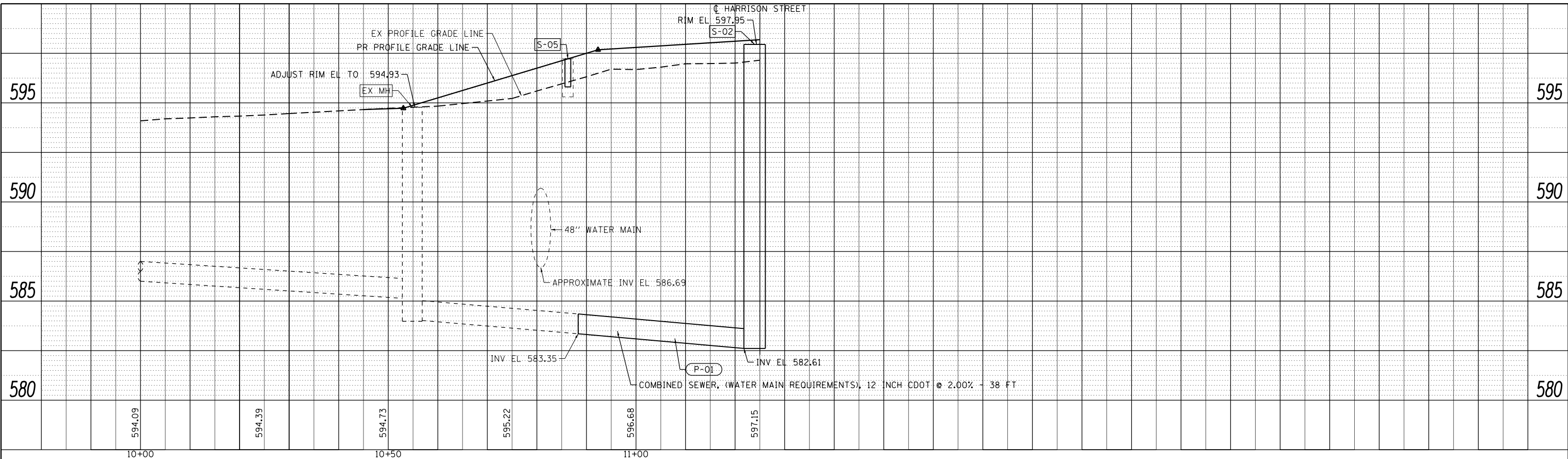
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN
I-90/94**

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

F.A.I. RTE. 90/94/290	SECTION 2013-036R	COUNTY COOK	TOTAL SHEETS 256	SHEET NO. 51
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\388035\pmt\ecom\line\local\p\AECD\00\Documents\01_Americas\Transportation\6269938_Circle\Phase_1\000_CAD\005_Roadway_Sheets\60W71-Drain-05



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.



D160W71-sht-Drain-05
 USER NAME = chitua
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 12/19/2013

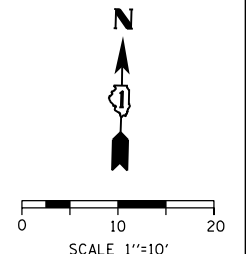
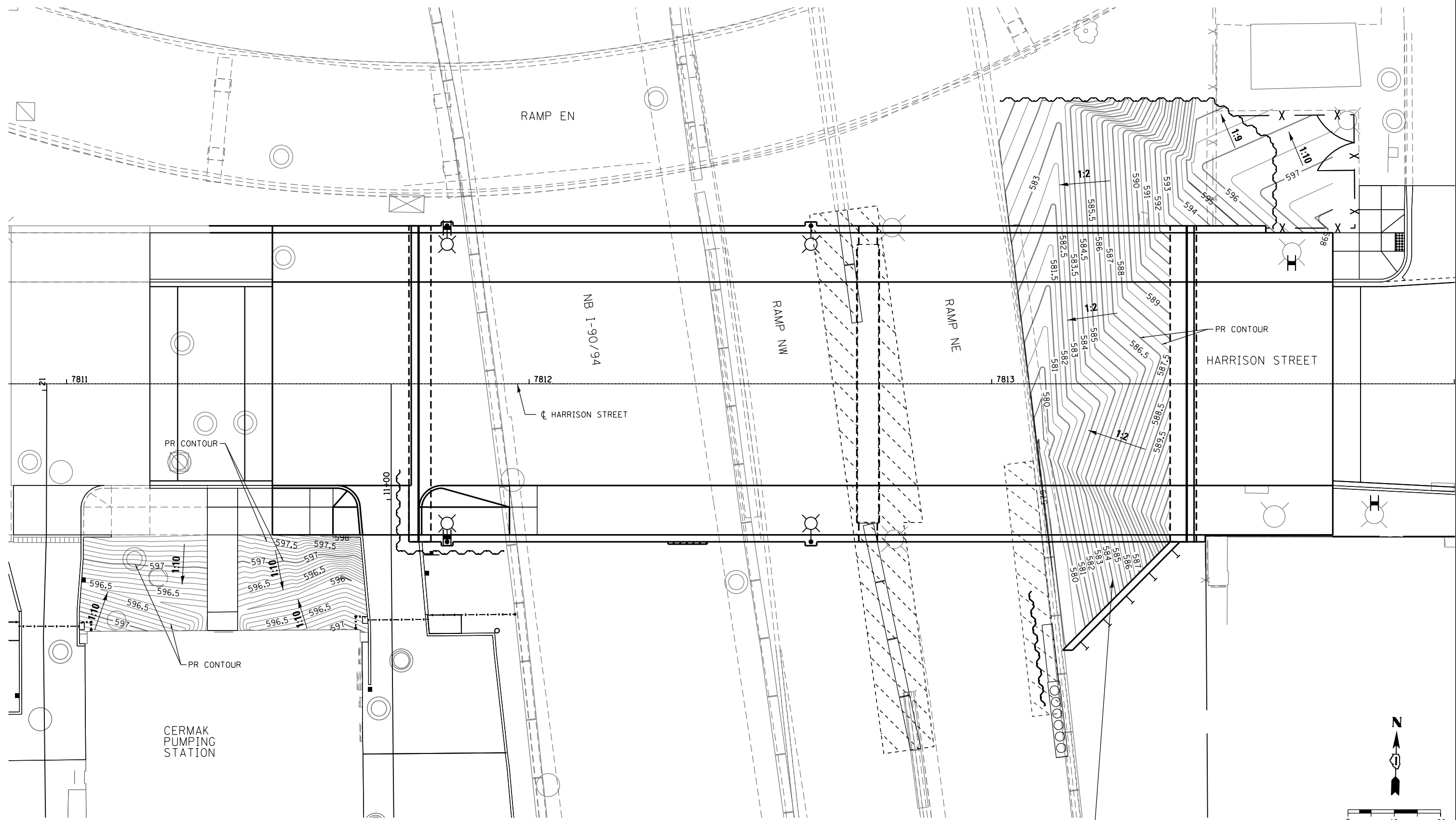
DESIGNED - AFC	REVISED -
DRAWN - AFC	REVISED -
CHECKED - EY	REVISED -
DATE - 12/20/13	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PROFILE
 EAST CERMAK PUMPING STATION
 SCALE: 1" = 10' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2013-036R	COOK	256	52
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

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PRIOR TO COMMENCING THE WORK THE CONTRACTOR SHALL COORDINATE WITH WORK UNDER CONTRACT 60W28. THE ACTUAL NEED OF THIS WORK SHALL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. UPON COORDINATION ANY WORK NOT REQUIRED SHALL BE DELETED FROM THIS CONTRACT. COOPERATION BETWEEN CONTRACTORS WILL BE REQUIRED.



D160W71-sht-Grading-01
 USER NAME = pimsarno
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 2/21/2014

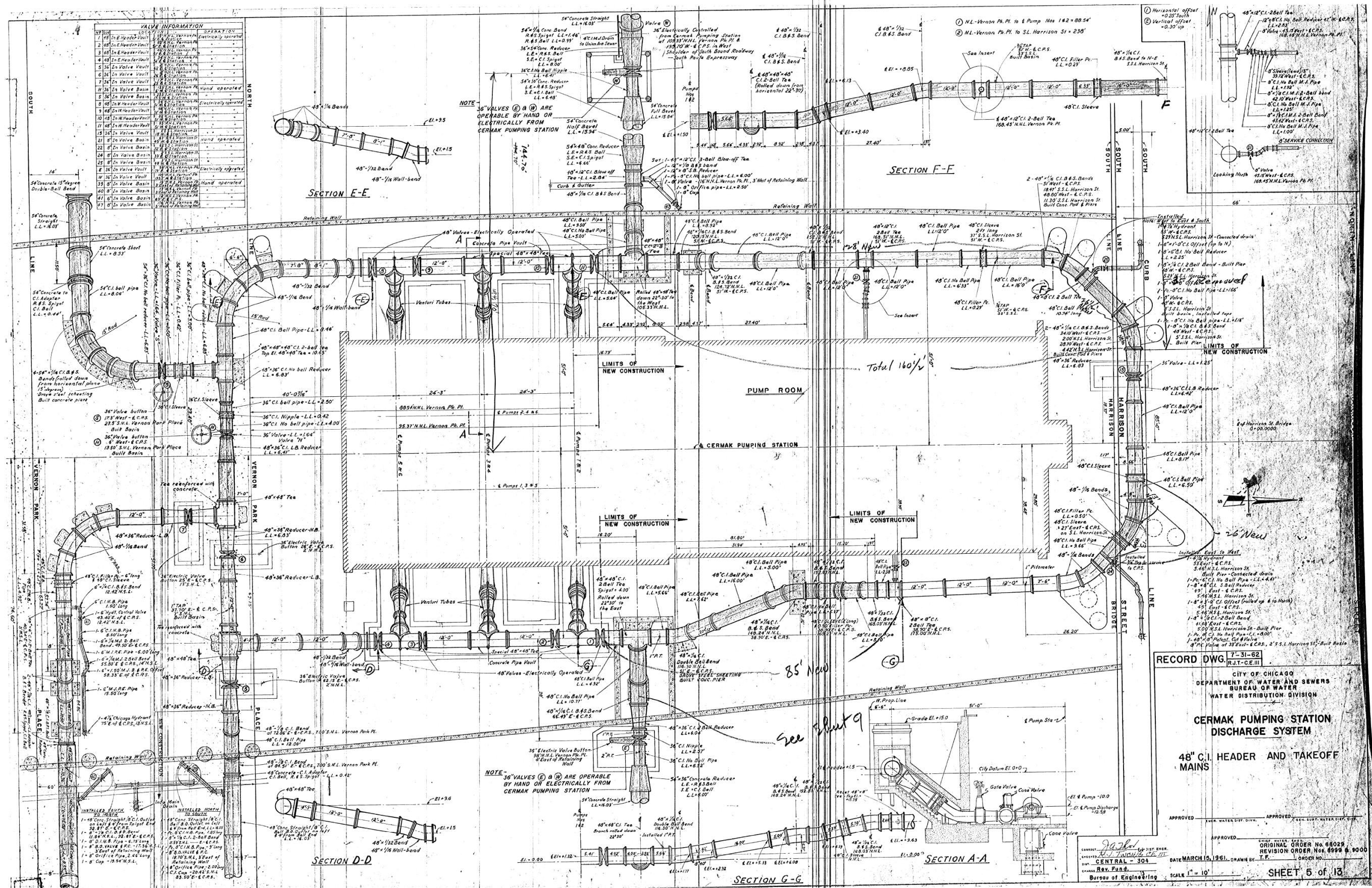
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DRAWN - AFC/OPS	REVISED -
CHECKED - DBM	REVISED -
DATE - 02/19/14	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**GRADING PLAN
 HARRISON STREET**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	52A
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				



NO.	DESCRIPTION	OPERATION
1	36\"/>	

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D160W71-sht-wm-04.dgn
 USER NAME = Cooper-M2
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 2/18/2014

DESIGNED - MSC	REVISED -
DRAWN - MSC	REVISED -
CHECKED - RBB	REVISED -
DATE - 02/19/14	REVISED -

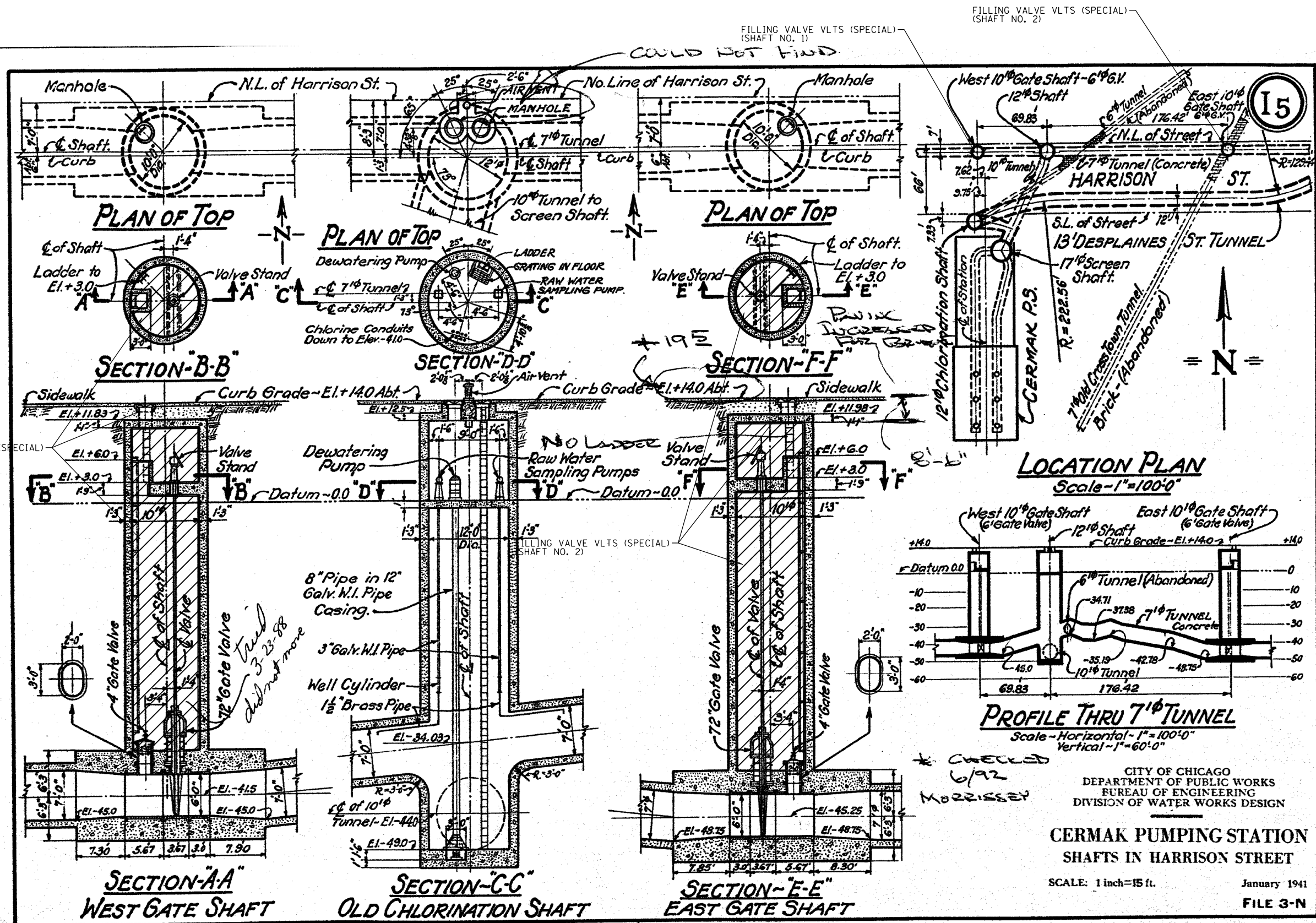
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

WATER MAIN RECORD INFORMATION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	52B
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W71	

FOR INFORMATION ONLY
 NOT TO SCALE



LOCATION PLAN
Scale - 1" = 100'-0"

PROFILE THRU 7' TUNNEL
Scale - Horizontal - 1" = 100'-0"
Vertical - 1" = 60'-0"

CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING
DIVISION OF WATER WORKS DESIGN

**CERMAK PUMPING STATION
SHAFTS IN HARRISON STREET**

SCALE: 1 inch = 15 ft. January 1941
FILE 3-N

FILE PATH = p:\388935\pmt\escomonline\local\p\AECOM\Documents\01_Americas\Transportation\6269938_Circle\Phase_1\000_CDD_005_Roadway\Sheets\60W71_Contract\0160W71_sht-Drain-06



D160W71-sht-Drain-06
USER NAME = alizadehn
PLOT SCALE = 5.0000' / in.
PLOT DATE = 12/19/2013

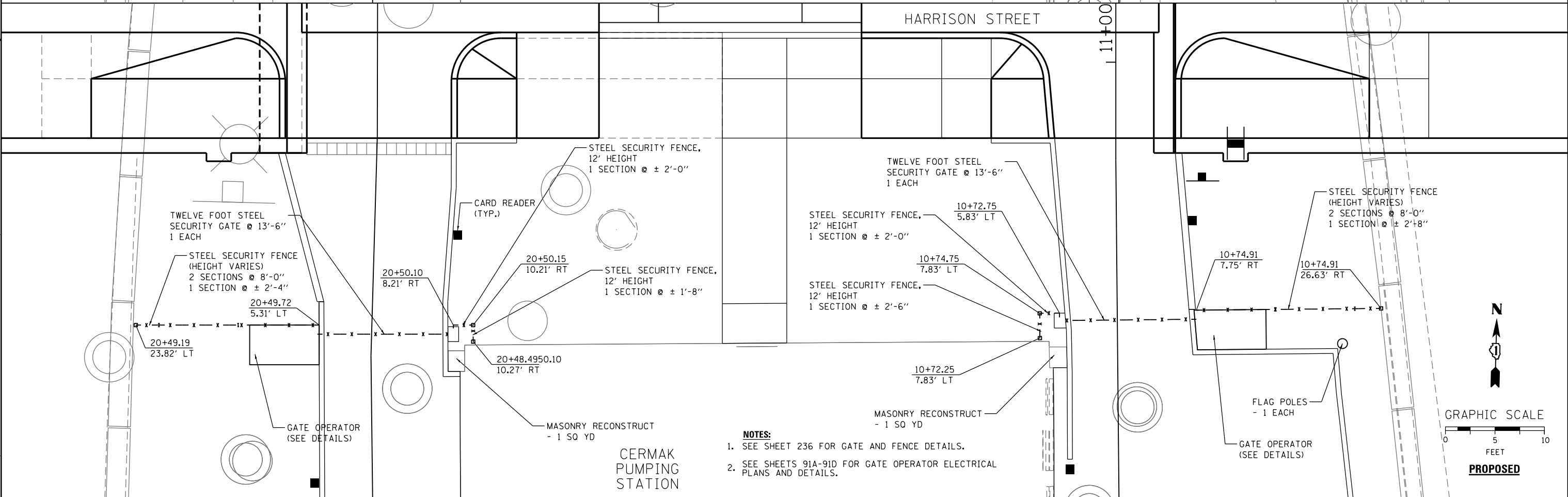
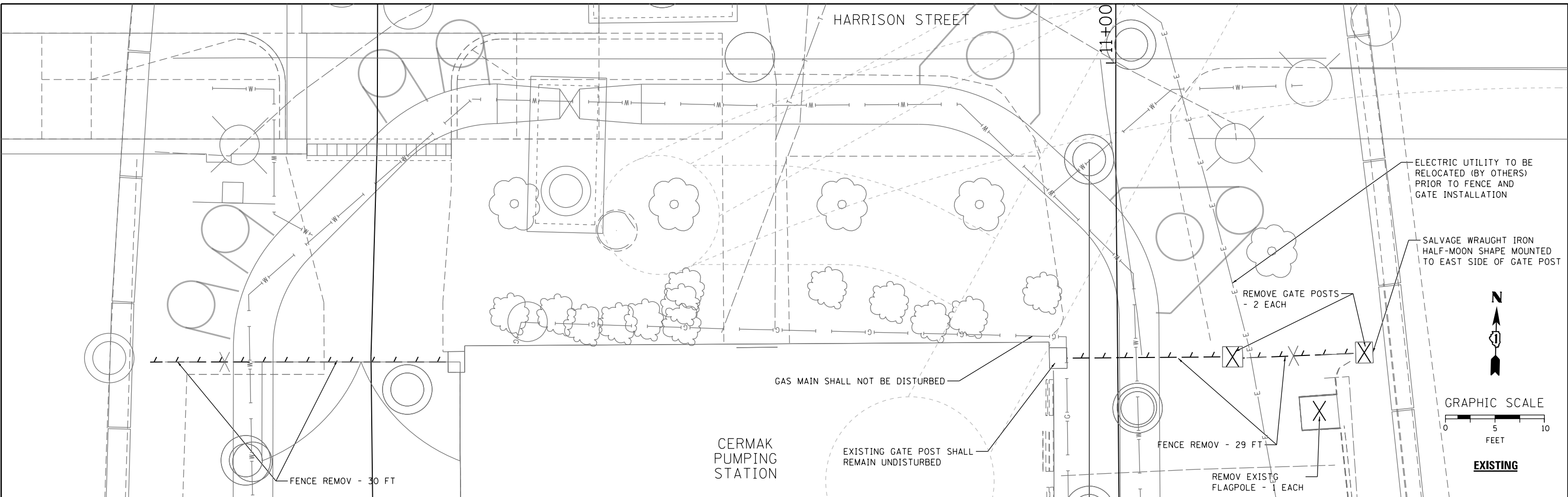
DESIGNED - MSC	REVISED -
DRAWN - MSC	REVISED -
CHECKED - RBB	REVISED -
DATE - 12/20/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CDWM TUNNEL ABANDONMENT
VALVE SHAFT FILLING
SCALE: NTS SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. R.T.E. 90/94/290	SECTION 2013-036R	COUNTY COOK	TOTAL SHEETS 256	SHEET NO. 53
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

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- NOTES:**
- SEE SHEET 236 FOR GATE AND FENCE DETAILS.
 - SEE SHEETS 91A-91D FOR GATE OPERATOR ELECTRICAL PLANS AND DETAILS.



D160W71-sh-Fence-01
 USER NAME = Cooper-M2
 PLOT SCALE = 10.0000' / 1" IN.
 PLOT DATE = 2/21/2014

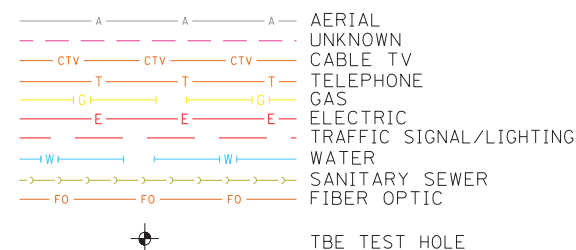
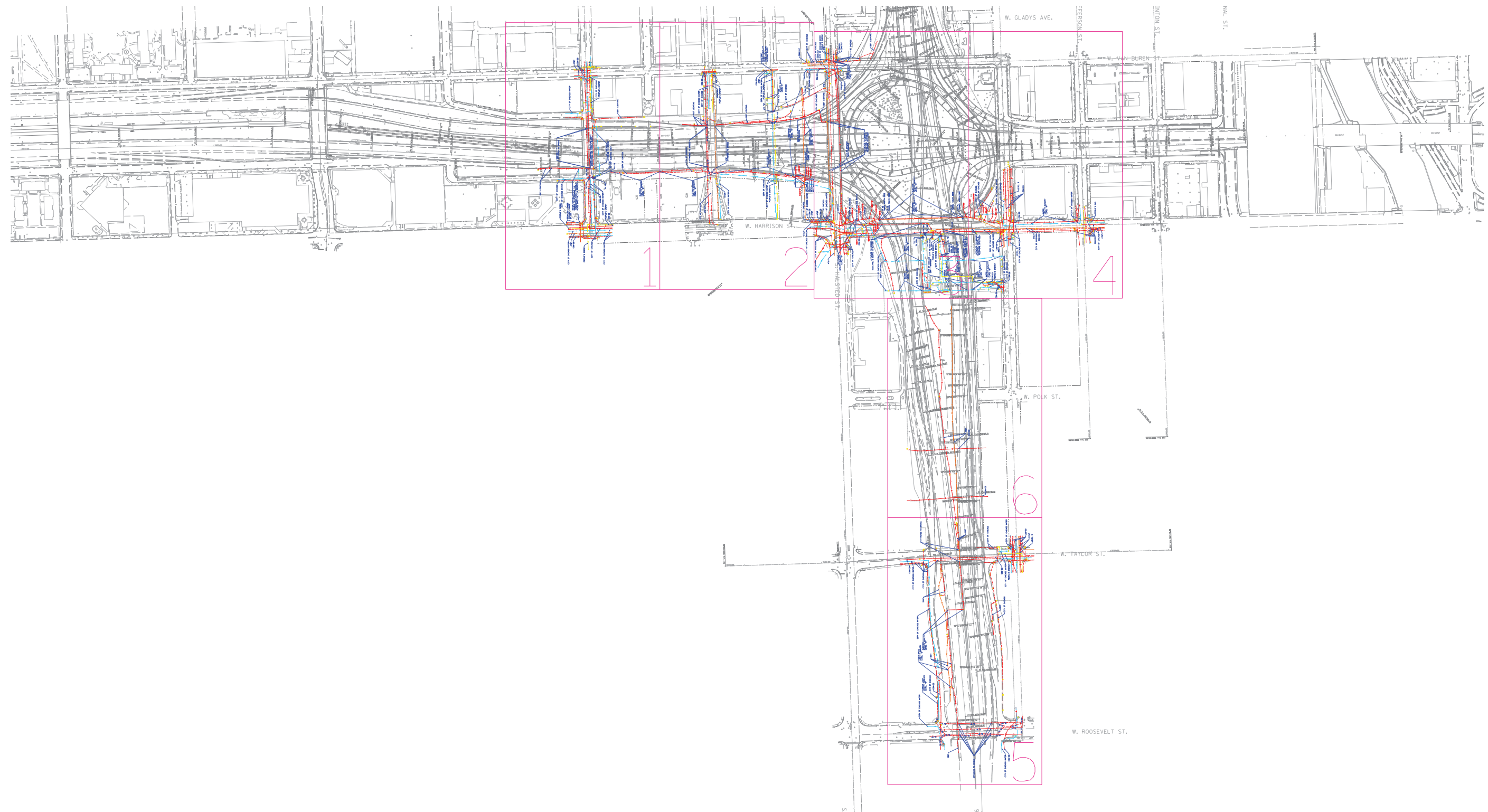
DESIGNED - MSC	REVISED -
DRAWN - MSC	REVISED -
CHECKED - DBM	REVISED -
DATE - 02/19/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FENCING PLAN
AT CERMAK PUMPING STATION

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

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	54
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				



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

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

UTILITIES SHOWN ON THESE PLANS AS DEPICTED IN THE LEGEND HAVE BEEN INVESTIGATED BY CARDNO IN ACCORDANCE WITH SUE INDUSTRY STANDARDS. ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED TO CARDNO BY OTHERS. CARDNO SUE FIELD INVESTIGATION WAS PERFORMED 3/14/13 THROUGH 1/24/14. CHANGES TO UTILITIES MAY HAVE BEEN MADE AND THEREFORE MAY RESULT IN VARIANCES FROM THIS PLAN. CONSIDERATION SHOULD BE GIVEN TO UPDATING THIS PLAN IF DEEMED ADVISABLE PRIOR TO FINAL DESIGN AND CONSTRUCTION.

PRELIMINARY DATA FOR DELIVERY 1/27/2014

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



TBE Job No. IL09510531
SUE Plan Page: Cover

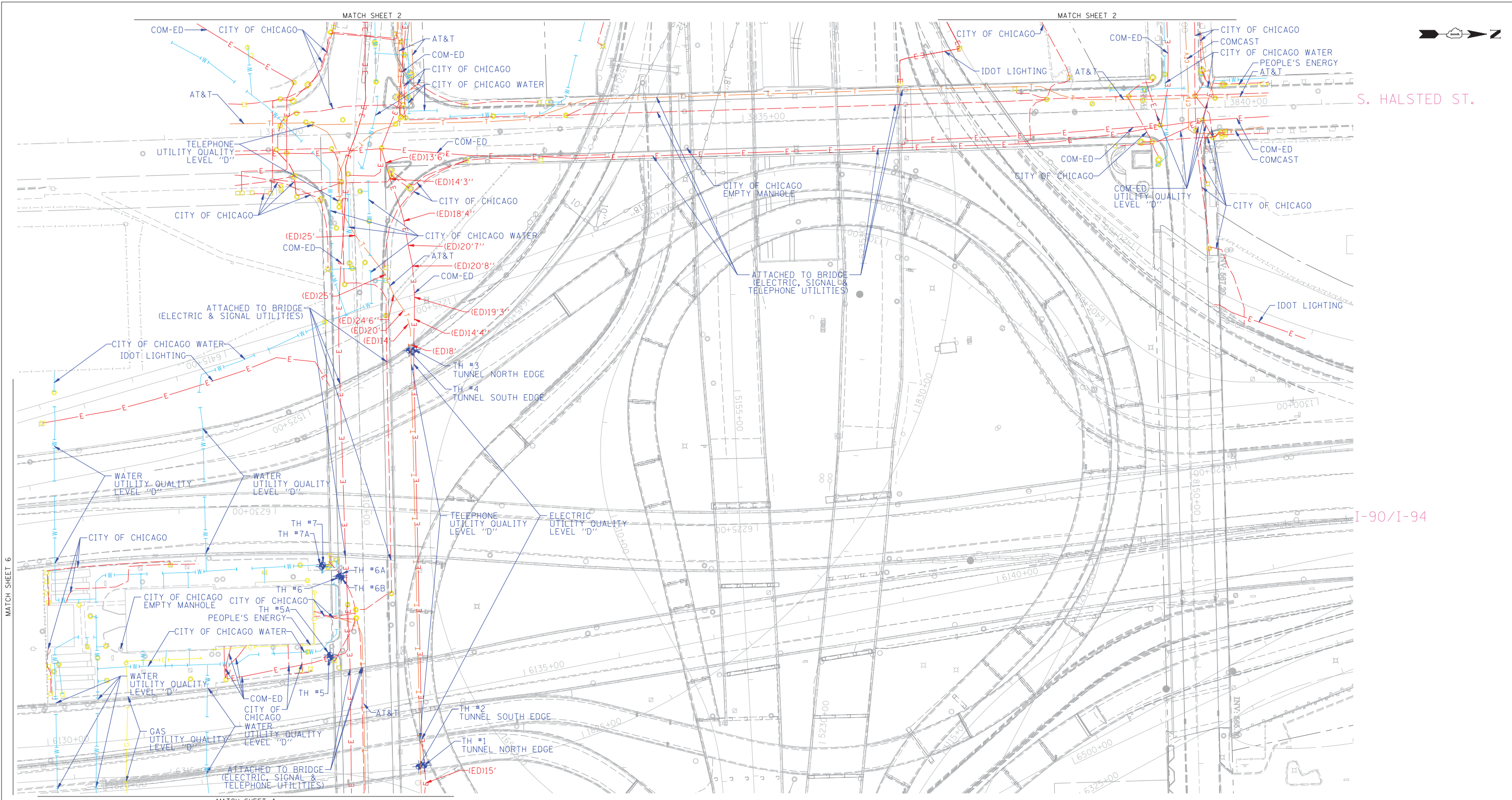
Utility Quality Level "A" : Visually Verified Test Hole
Utility Quality Level "B" : Designating/non Visually Verified Test Hole
Utility Quality Level "C" : Research with Survey
Utility Quality Level "D" : Records Research

DESIGNED	EG	REVISED	02/19/14
DRAWN	SRK	REVISED	
CHECKED	KFS	REVISED	
DATE	1/27/14	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	Cook	256	55
Contract No. N/A				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No. P-91-259-12				



— A — A —	AERIAL UNKNOWN
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— G — G —	GAS
— E — E —	ELECTRIC
— TS — TS —	TRAFFIC SIGNAL/LIGHTING
— W — W —	WATER
— SS — SS —	SANITARY SEWER
— FO — FO —	FIBER OPTIC
⊕	TBE TEST HOLE

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

UTILITY OWNERS	
AT&T = TELEPHONE	
COM-ED = ELECTRIC	
CITY OF CHICAGO = ELECTRIC	
CITY OF CHICAGO WATER = WATER	
IDOT LIGHTING = ELECTRIC	
PEOPLE'S ENERGY = GAS	

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

UTILITIES SHOWN ON THESE PLANS AS DEPICTED IN THE LEGEND HAVE BEEN INVESTIGATED BY CARDNO IN ACCORDANCE WITH SUE INDUSTRY STANDARDS. ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED TO CARDNO BY OTHERS. CARDNO SUE FIELD INVESTIGATION WAS PERFORMED 3/14/13 THROUGH 1/24/14. CHANGES TO UTILITIES MAY HAVE BEEN MADE AND THEREFORE MAY RESULT IN VARIANCES FROM THIS PLAN. CONSIDERATION SHOULD BE GIVEN TO UPDATING THIS PLAN IF DEEMED ADVISABLE PRIOR TO FINAL DESIGN AND CONSTRUCTION.

PRELIMINARY DATA FOR DELIVERY 1/27/2014

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

Cardno TBE

Dynasty Group
Engineers & Surveyors

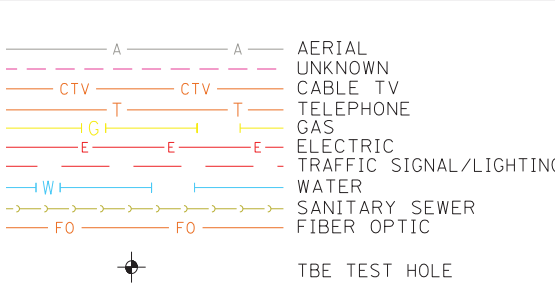
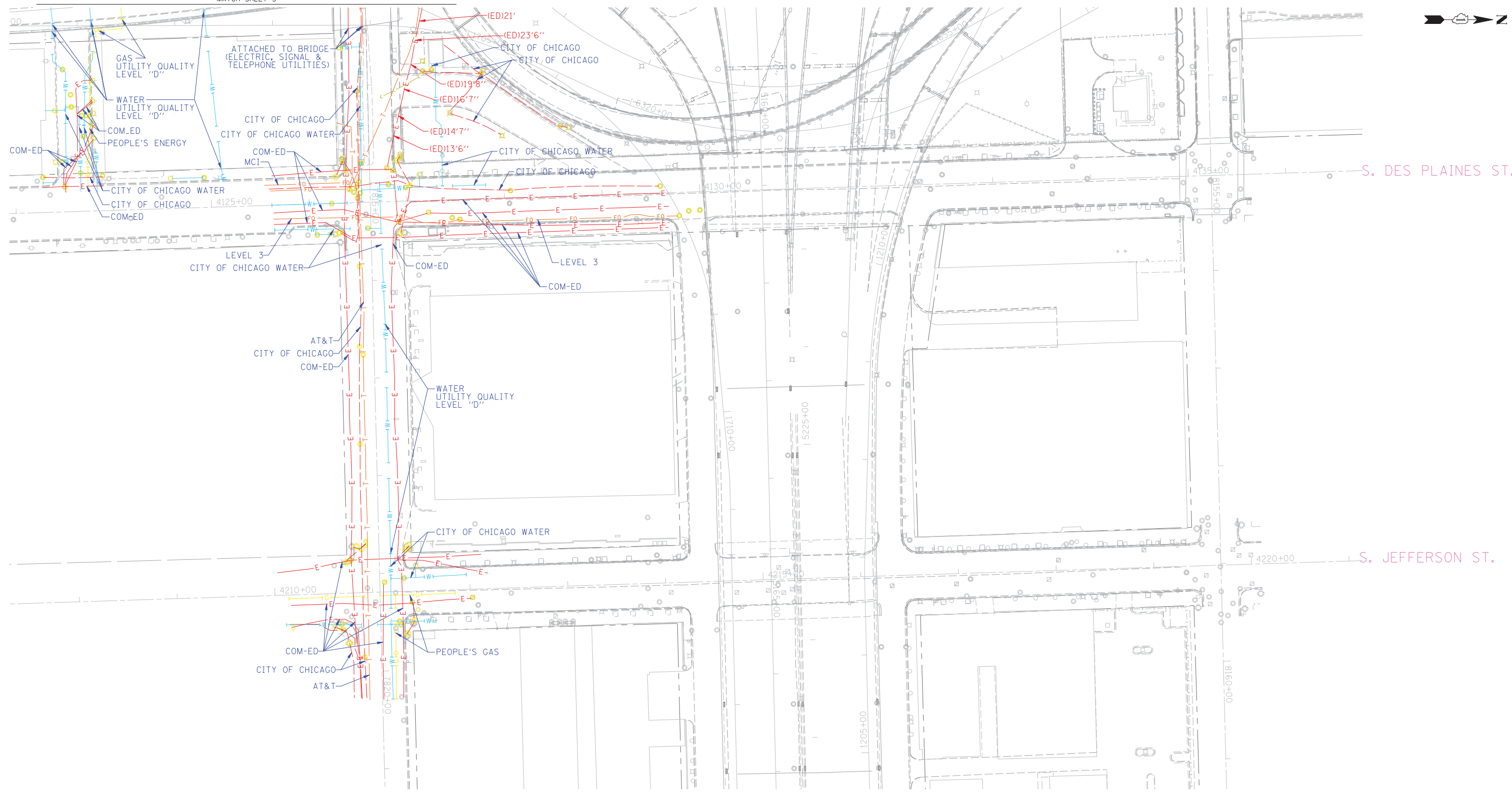
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	Cook	256	56
FED. ROAD DIST. NO. ILLINOIS			IDOT Project No. P-91-259-12	

TBE Job No. IL09510531
SUE Plan Page: 3 of 6

DESIGNED	EG	REVISED	02/19/14
DRAWN	SRK	REVISED	
CHECKED	KFS	REVISED	
DATE	1/27/17	REVISED	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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



UTILITY OWNERS

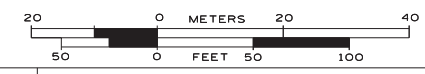
AT&T = TELEPHONE
 COM-ED = ELECTRIC
 CITY OF CHICAGO = ELECTRIC
 CITY OF CHICAGO = SANITARY SEWER
 CITY OF CHICAGO WATER = WATER
 IDOT LIGHTING = ELECTRIC
 LEVEL 3 = FIBER OPTIC
 MCI = FIBER OPTIC
 PEOPLE'S ENERGY = GAS

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

UTILITIES SHOWN ON THESE PLANS AS DEPICTED IN THE LEGEND HAVE BEEN INVESTIGATED BY CARDNO IN ACCORDANCE WITH SUE INDUSTRY STANDARDS. ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED TO CARDNO BY OTHERS. CARDNO SUE FIELD INVESTIGATION WAS PERFORMED 3/14/13 THROUGH 1/24/14. CHANGES TO UTILITIES MAY HAVE BEEN MADE AND THEREFORE MAY RESULT IN VARIANCES FROM THIS PLAN. CONSIDERATION SHOULD BE GIVEN TO UPDATING THIS PLAN IF DEEMED ADVISABLE PRIOR TO FINAL DESIGN AND CONSTRUCTION.

PRELIMINARY DATA FOR DELIVERY 1/27/2014

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



TBE Job No. IL09510531
 SUE Plan Page: 4 of 6

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

DESIGNED	EG	REVISED	02/19/14
DRAWN	SRK	REVISED	
CHECKED	KFS	REVISED	
DATE	1/27/17	REVISED	

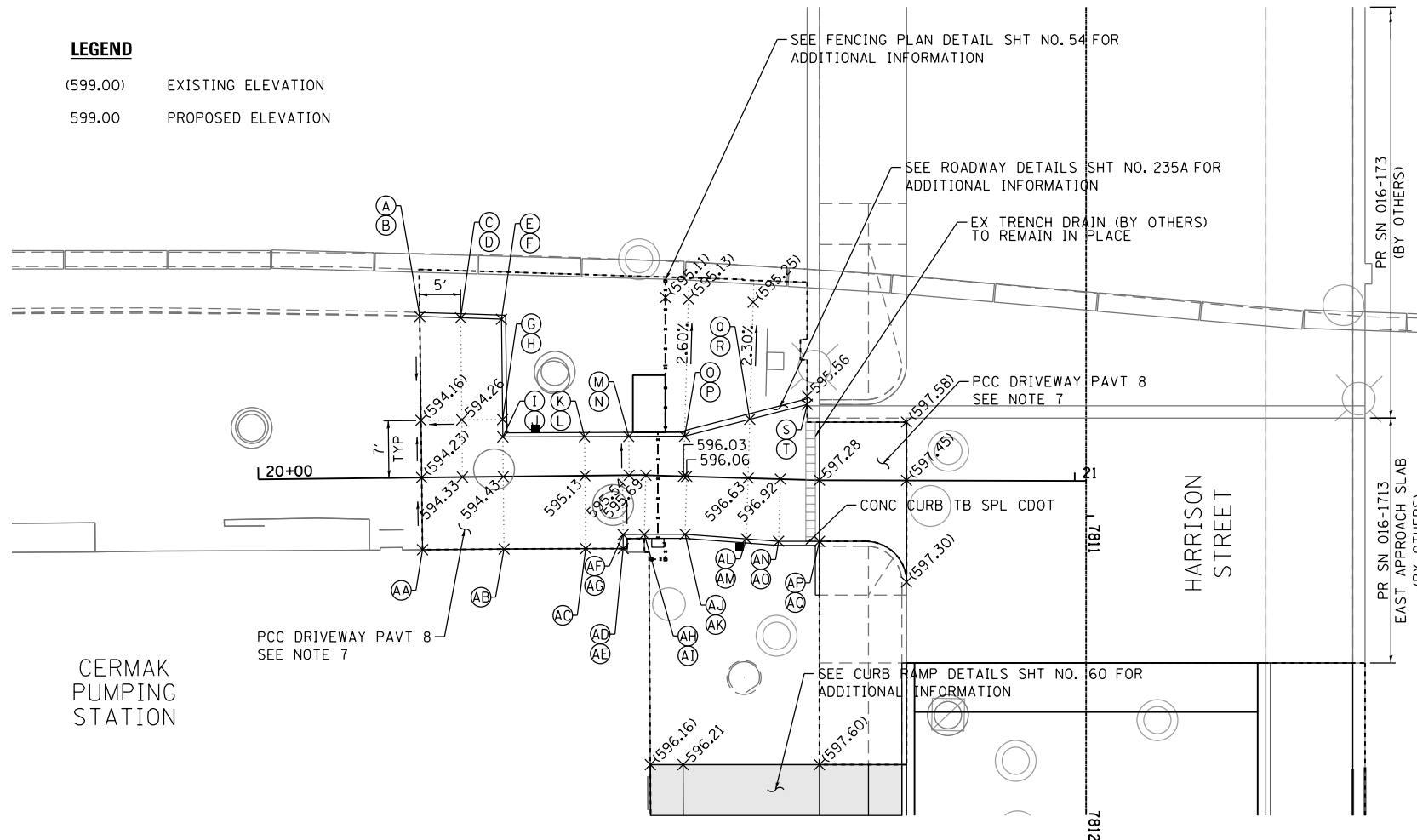
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	Cook	256	56A
FED. ROAD DIST. NO. - ILLINOIS			IDOT Project No. P-91-259-12	

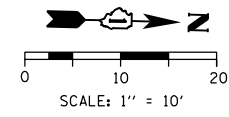
LEGEND

- (599.00) EXISTING ELEVATION
- 599.00 PROPOSED ELEVATION



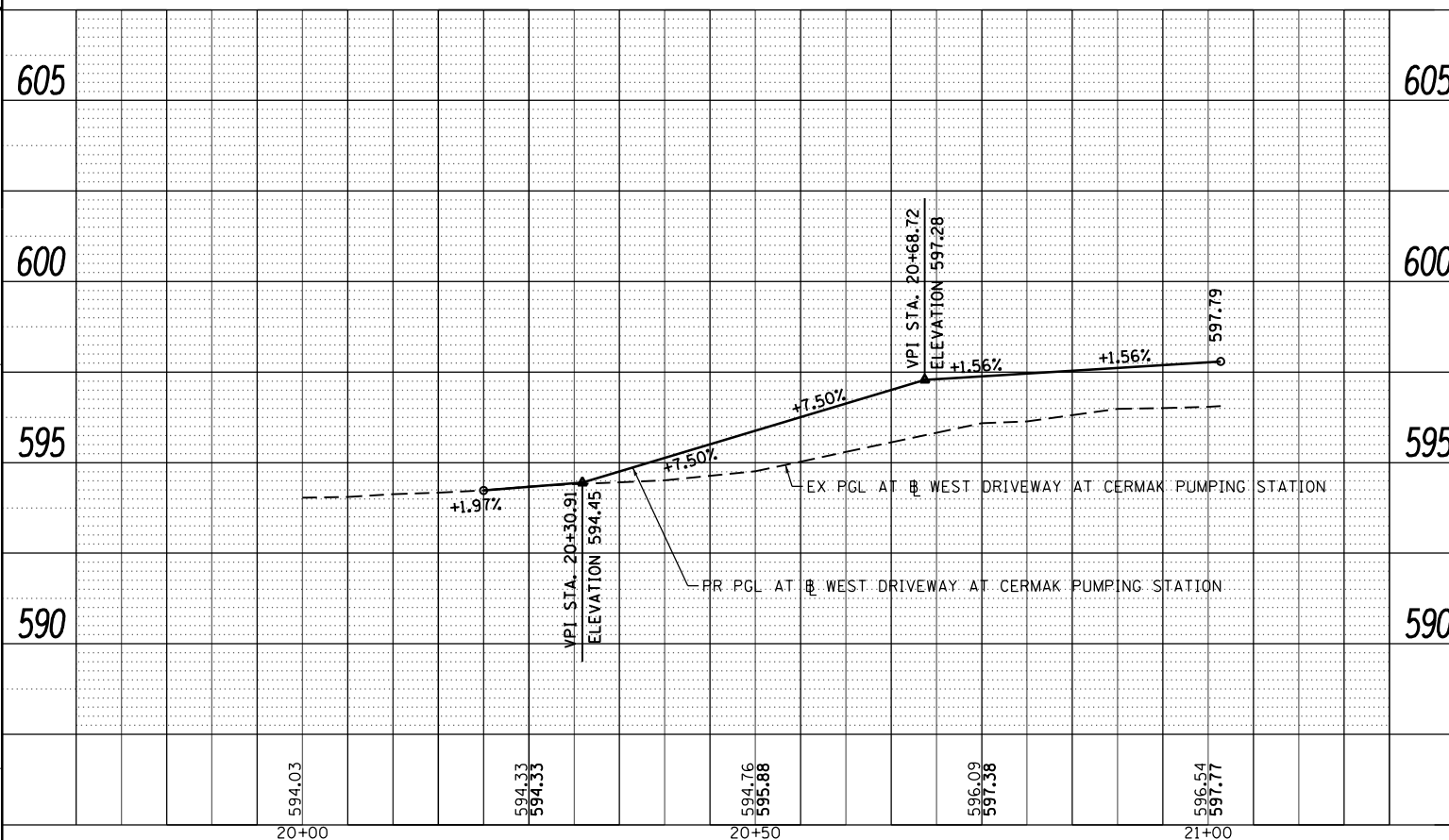
POINT	STATION	OFFSET	ELEVATION
A	20+20.00	19.73' LT	(594.38)(F)
B	20+20.00	19.73' LT	(594.93)(C)
C	20+25.00	19.50' LT	594.54 (F)
D	20+25.00	19.50' LT	595.04 (C)
E	20+30.00	19.28' LT	594.70 (F)
F	20+30.00	19.28' LT	595.14 (C)
G	20+30.00	7.00' LT	594.36 (F)
H	20+30.00	7.00' LT	594.65 (C)
I	20+30.00	4.86' LT	594.38 (F)
J	20+30.00	4.86' LT	594.63 (C)
K	20+40.00	4.79' LT	595.09 (F)
L	20+40.00	4.79' LT	595.34 (C)
M	20+45.03	4.75' LT	595.50 (F)
N	20+45.03	4.75' LT	595.75 (C)
O	20+52.07	4.90' LT	596.06 (F)
P	20+52.07	4.90' LT	596.31 (C)
Q	20+60.00	7.21' LT	596.74 (F)
R	20+60.00	7.21' LT	596.99 (C)
S	20+66.96	9.23' LT	(597.33)(F)
T	20+66.96	9.23' LT	(597.58)(C)

POINT	STATION	OFFSET	ELEVATION
AA	20+20.00	8.84' RT	(594.28)(F)
AB	20+30.91	8.87' RT	594.52 (F)
AC	20+40.00	8.92' RT	595.22 (F)
AD	20+44.58	8.97' RT	595.54 (F)
AE	20+44.58	8.97' RT	595.79 (C)
AF	20+44.59	7.25' RT	595.53 (F)
AG	20+44.59	7.25' RT	595.78 (C)
AH	20+47.47	7.25' RT	595.69 (F)
AI	20+47.47	7.25' RT	595.94 (C)
AJ	20+52.47	7.09' RT	596.04 (F)
AK	20+52.47	7.09' RT	596.29 (C)
AL	20+60.00	7.44' RT	596.57 (F)
AM	20+60.00	7.44' RT	596.82 (C)
AN	20+63.94	7.62' RT	596.85 (F)
AO	20+63.94	7.62' RT	597.10 (C)
AP	20+68.91	7.48' RT	597.19 (F)
AQ	20+68.91	7.48' RT	597.22 (C)



NOTES:

1. SEE DRAINAGE SCHEDULE AND PLANS FOR STRUCTURE INFORMATION.
2. SEE CURB RAMP DETAILS FOR ADA RAMP INFORMATION.
3. CURB HEIGHT IS 8" UNLESS OTHERWISE NOTED OR INDICATED ON THE CURB RAMP DETAILS.
4. ALL ELEVATIONS AND GRADES NOT SHOWN SHALL FOLLOW THE TYPICAL SECTIONS AND PROFILES.
5. ALL INTERSECTION PAVEMENT ELEVATIONS INSIDE OF THE HARRISON STREET EDGES OF PAVEMENT ARE CONTROLLED BY PROFILE AND CROSS SLOPES OF HARRISON STREET.
6. ELEVATIONS ARE PROVIDED AT FLOW LINE (F) AND TOP OF CURB (C) UNLESS OTHERWISE NOTED.
7. DRIVEWAY PAVEMENT LATERAL GROOVING SHALL BE APPLIED AT THE DRIVEWAY TO IMPROVE TRACTION. THIS WORK SHALL BE INCLUDED IN THE COST OF THE PCC DRIVEWAY PAVT 8 PAY ITEM. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



D160W71-sht-Intersec-00
 USER NAME = pimsarno
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 2/21/2014

DESIGNED - AFC
 DRAWN - AFC
 CHECKED - DBM
 DATE - 02/19/14

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ROADWAY AND GRADING PLAN DETAILS
 CERMAK PUMPING STATION - WEST DRIVEWAY

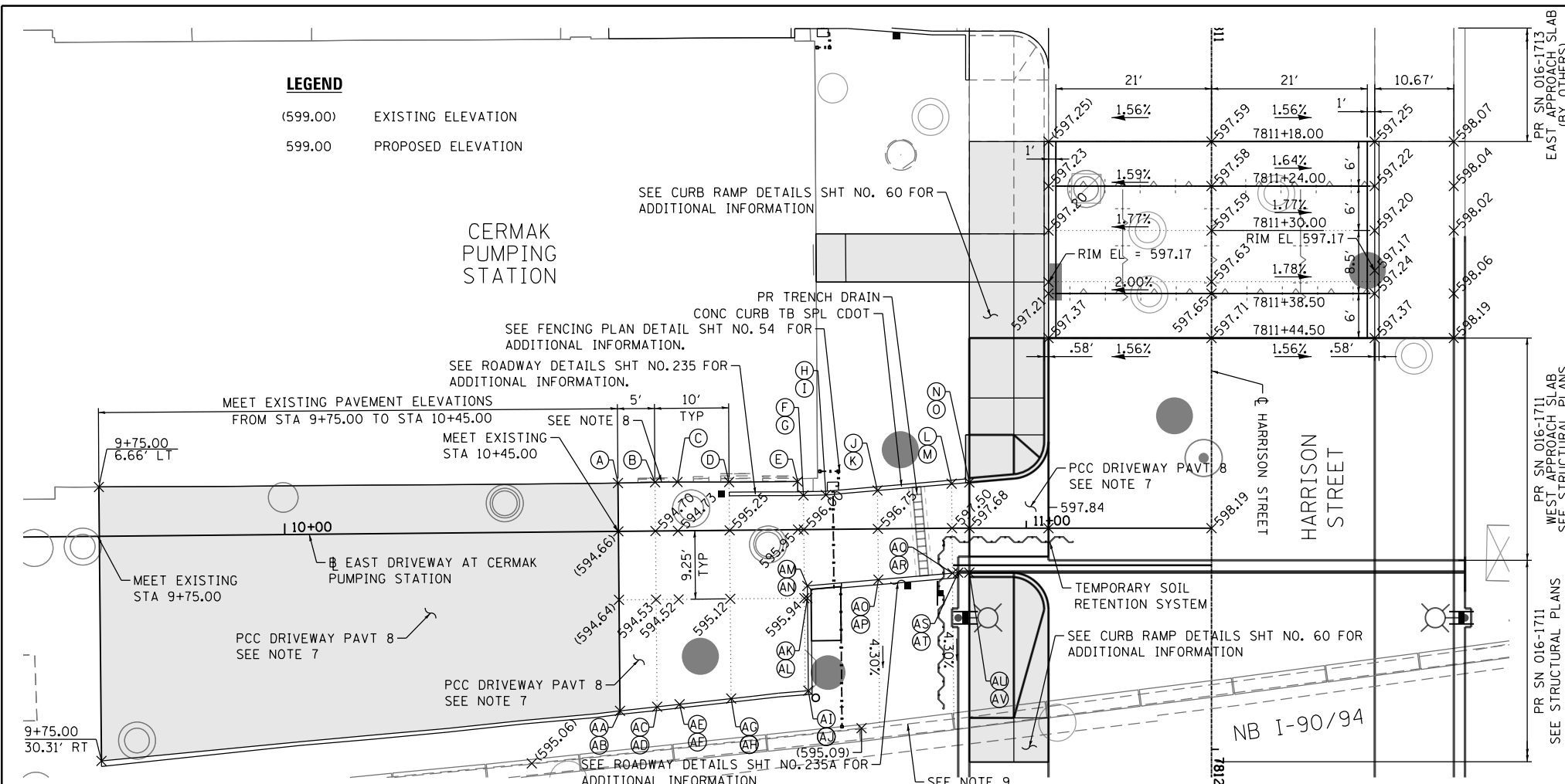
SCALE: 1" = 10' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	58
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\388035-p\m\l\escomon\me\local\p\AECD\00\Documents\01\Americas\Transportation\62629938_Circle\Phase_1\000_CAD\005_Roadway\Sheets\60W71-Intersec-00

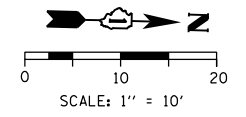
LEGEND

- (599.00) EXISTING ELEVATION
- 599.00 PROPOSED ELEVATION



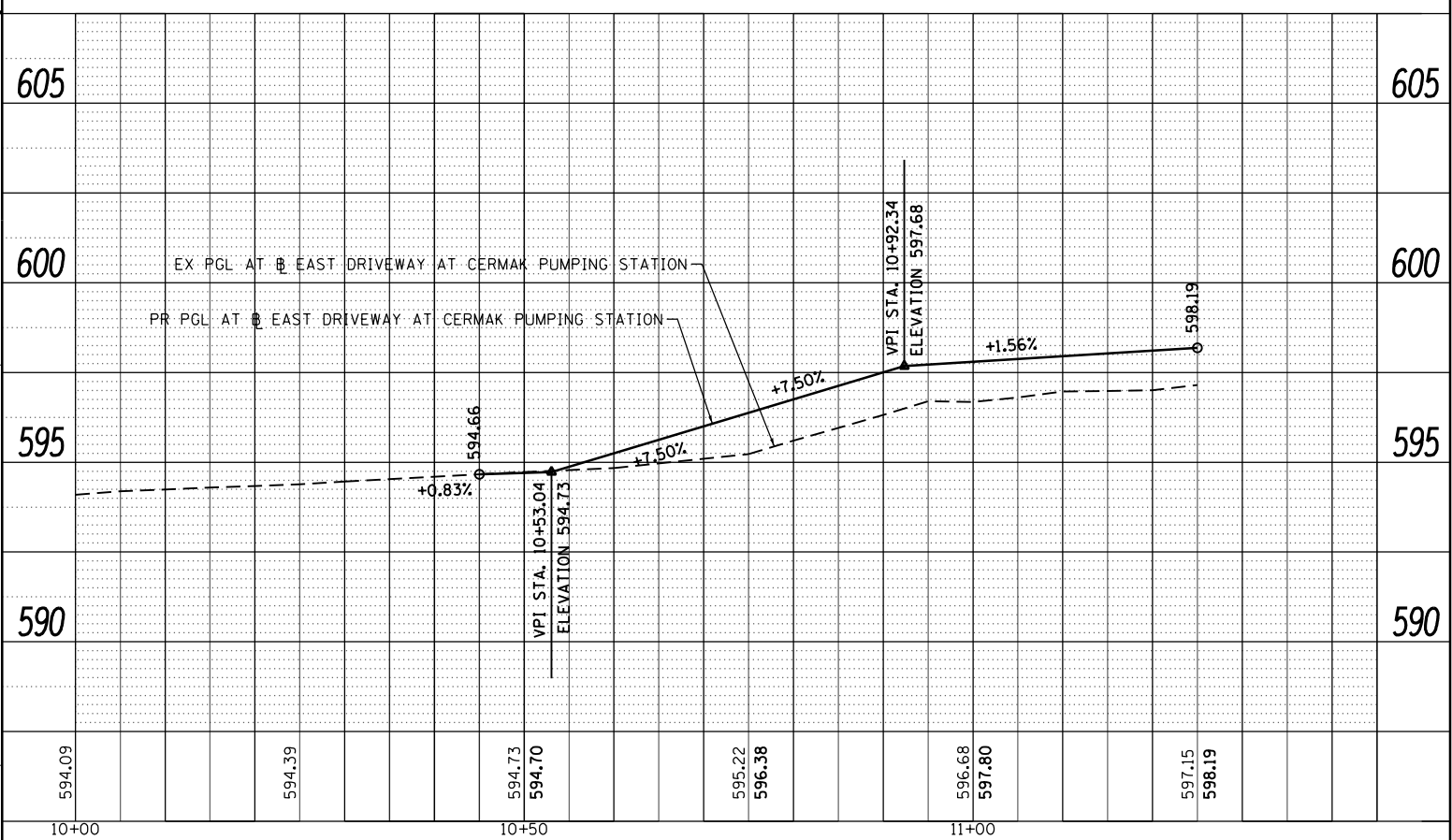
POINT	STATION	OFFSET	ELEVATION
A	10+45.00	6.52' LT	(594.70)(F)
B	10+50.00	6.58' LT	594.82 (F)
C	10+53.04	6.58' LT	594.88 (F)
D	10+60.00	6.52' LT	595.35 (F)
E	10+69.25	6.50' LT	595.40 (F)
F	10+70.00	4.62' LT	596.07 (F)
G	10+70.00	4.62' LT	596.32 (C)
H	10+73.03	4.65' LT	596.24 (F)
I	10+73.03	4.65' LT	596.49 (C)
J	10+80.00	5.19' LT	596.75 (F)
K	10+80.00	5.19' LT	597.00 (C)
L	10+90.00	6.00' LT	597.38 (F)
M	10+90.00	6.00' LT	597.63 (C)
N	10+92.34	6.18' LT	597.52 (F)
O	10+92.34	6.18' LT	597.55 (C)

POINT	STATION	OFFSET	ELEVATION
AA	10+45.00	24.23' RT	(594.72)(F)
AB	10+45.00	24.23' RT	(595.28)(C)
AC	10+50.00	23.72' RT	594.75 (F)
AD	10+50.00	23.72' RT	595.35 (C)
AE	10+53.04	23.41' RT	594.84 (F)
AF	10+53.04	23.41' RT	595.39 (C)
AG	10+60.00	22.70' RT	595.33 (F)
AH	10+60.00	22.70' RT	595.58 (C)
AI	10+70.41	21.74' RT	596.03 (F)
AJ	10+70.41	21.74' RT	596.28 (C)
AK	10+70.41	9.25' RT	595.97 (F)
AL	10+70.41	9.25' RT	596.22 (C)
AM	10+70.41	7.59' RT	596.02 (F)
AN	10+70.41	7.59' RT	596.27 (C)
AO	10+80.00	6.85' RT	596.82 (F)
AP	10+80.00	6.85' RT	597.07 (C)
AQ	10+90.00	6.07' RT	597.65 (F)
AR	10+90.00	6.07' RT	597.90 (C)
AS	10+90.84	6.00' RT	597.72 (F)
AT	10+90.84	6.00' RT	597.97 (C)
AU	10+92.34	6.00' RT	597.84 (F)
AV	10+92.34	6.00' RT	597.87 (C)



NOTES:

1. SEE DRAINAGE SCHEDULE AND PLANS FOR STRUCTURE INFORMATION.
2. SEE CURB RAMP DETAILS FOR ADA RAMP INFORMATION.
3. CURB HEIGHT IS 8" UNLESS OTHERWISE NOTED OR INDICATED ON THE CURB RAMP DETAILS.
4. ALL ELEVATIONS AND GRADES NOT SHOWN SHALL FOLLOW THE TYPICAL SECTIONS AND PROFILES.
5. ALL INTERSECTION PAVEMENT ELEVATIONS INSIDE OF THE HARRISON STREET EDGES OF PAVEMENT ARE CONTROLLED BY PROFILE AND CROSS SLOPES OF HARRISON STREET.
6. ELEVATIONS ARE PROVIDED AT FLOW LINE (F) AND TOP OF CURB (C) UNLESS OTHERWISE NOTED.
7. DRIVEWAY PAVEMENT LATERAL GROOVING SHALL BE APPLIED AT THE DRIVEWAY TO IMPROVE TRACTION. THIS WORK SHALL BE INCLUDED IN THE COST OF THE PCC DRIVEWAY PAVT 8 PAY ITEM. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
8. THE ELEVATION AT THE DOOR ENTRANCE SHALL MEET EXISTING.
9. THE ELEVATIONS ALONG THE TOP OF EXISTING RETAINING WALL SHALL BE FIELD VERIFIED.



D160W71-sht-intersec-01	DESIGNED - AFC	REVISED -
USER NAME = pimsarno	DRAWN - AFC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - DBM	REVISED -
PLOT DATE = 2/21/2014	DATE - 02/19/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

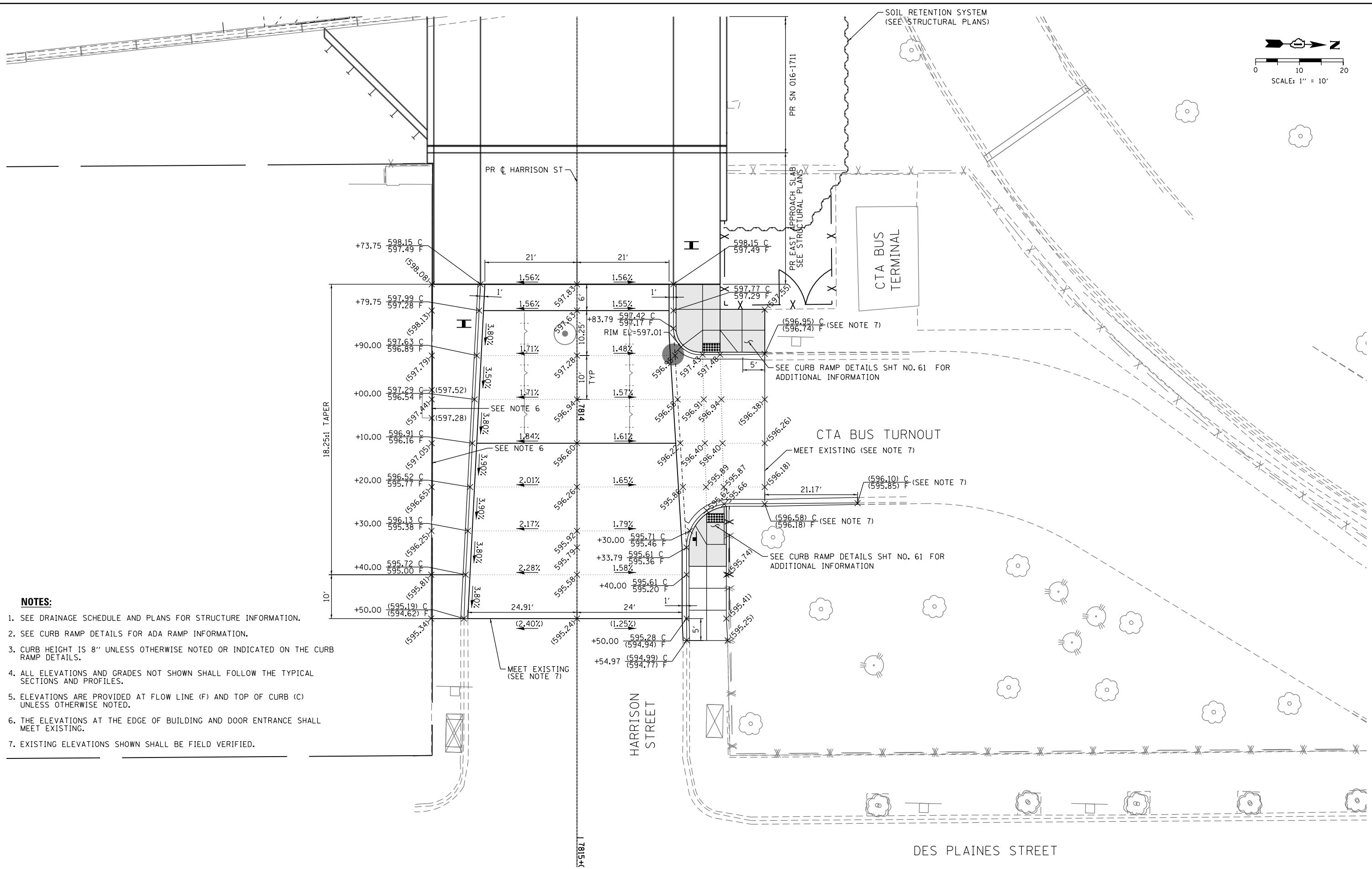
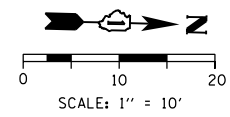
ROADWAY AND GRADING PLAN DETAILS
HARRISON STREET

SCALE: 1" = 10' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	58A
CONTRACT NO. 60W71				

ILLINOIS FED. AID PROJECT

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NOTES:

1. SEE DRAINAGE SCHEDULE AND PLANS FOR STRUCTURE INFORMATION.
2. SEE CURB RAMP DETAILS FOR ADA RAMP INFORMATION.
3. CURB HEIGHT IS 8" UNLESS OTHERWISE NOTED OR INDICATED ON THE CURB RAMP DETAILS.
4. ALL ELEVATIONS AND GRADES NOT SHOWN SHALL FOLLOW THE TYPICAL SECTIONS AND PROFILES.
5. ELEVATIONS ARE PROVIDED AT FLOW LINE (F) AND TOP OF CURB (C) UNLESS OTHERWISE NOTED.
6. THE ELEVATIONS AT THE EDGE OF BUILDING AND DOOR ENTRANCE SHALL MEET EXISTING.
7. EXISTING ELEVATIONS SHOWN SHALL BE FIELD VERIFIED.

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D160W71-sht-Intersec-02	DESIGNED - AFC	REVISED -
USER NAME = chiue	DRAWN - AFC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - DBM	REVISED -
PLOT DATE = 2/19/2014	DATE - 02/19/14	REVISED -

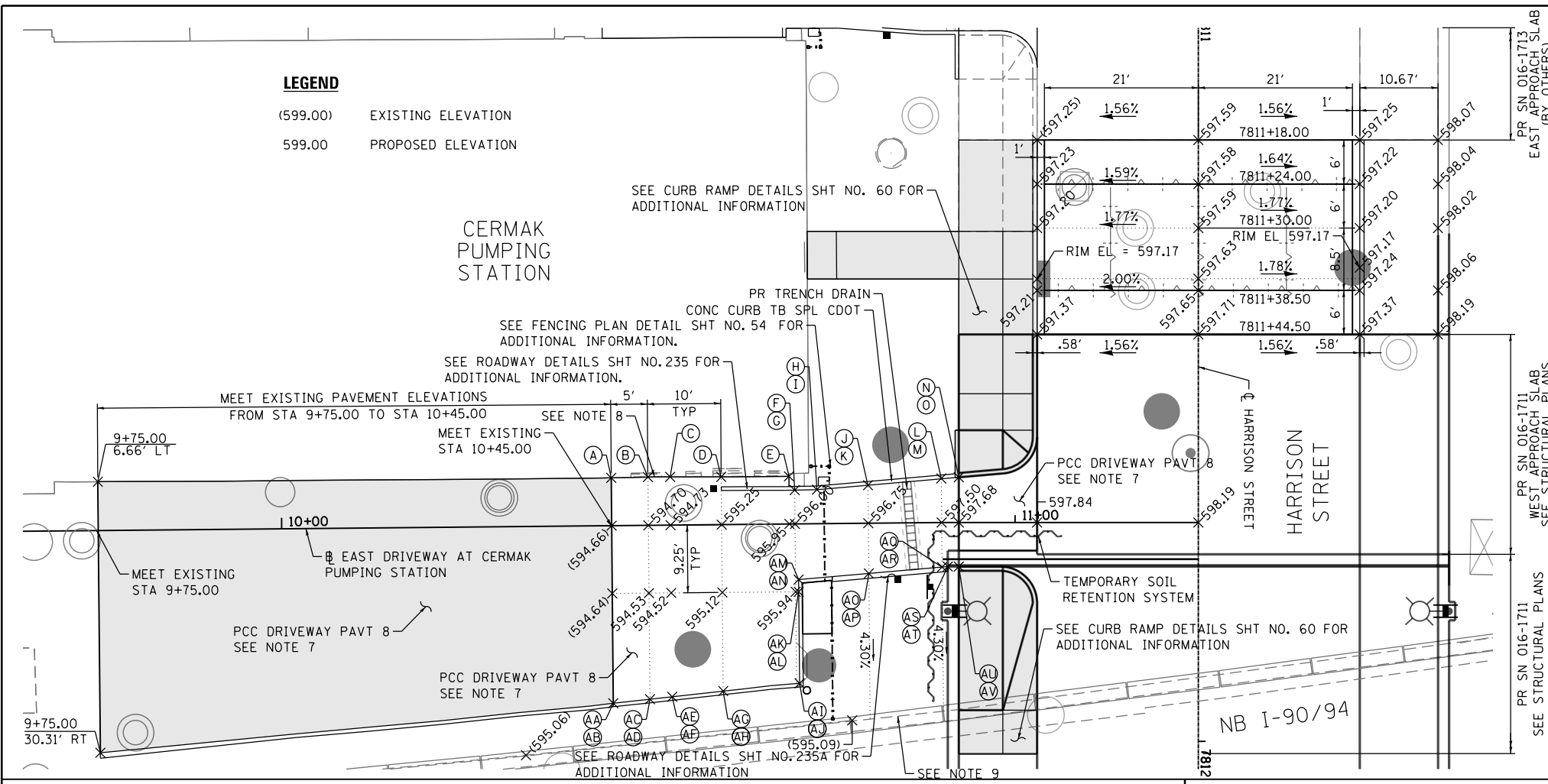
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY AND GRADING PLAN DETAILS			
HARRISON STREET			
SCALE: 1" = 10'	SHEET 3	OF 3 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	59
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

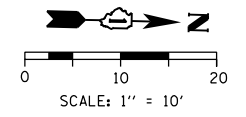
LEGEND

- (599.00) EXISTING ELEVATION
- 599.00 PROPOSED ELEVATION



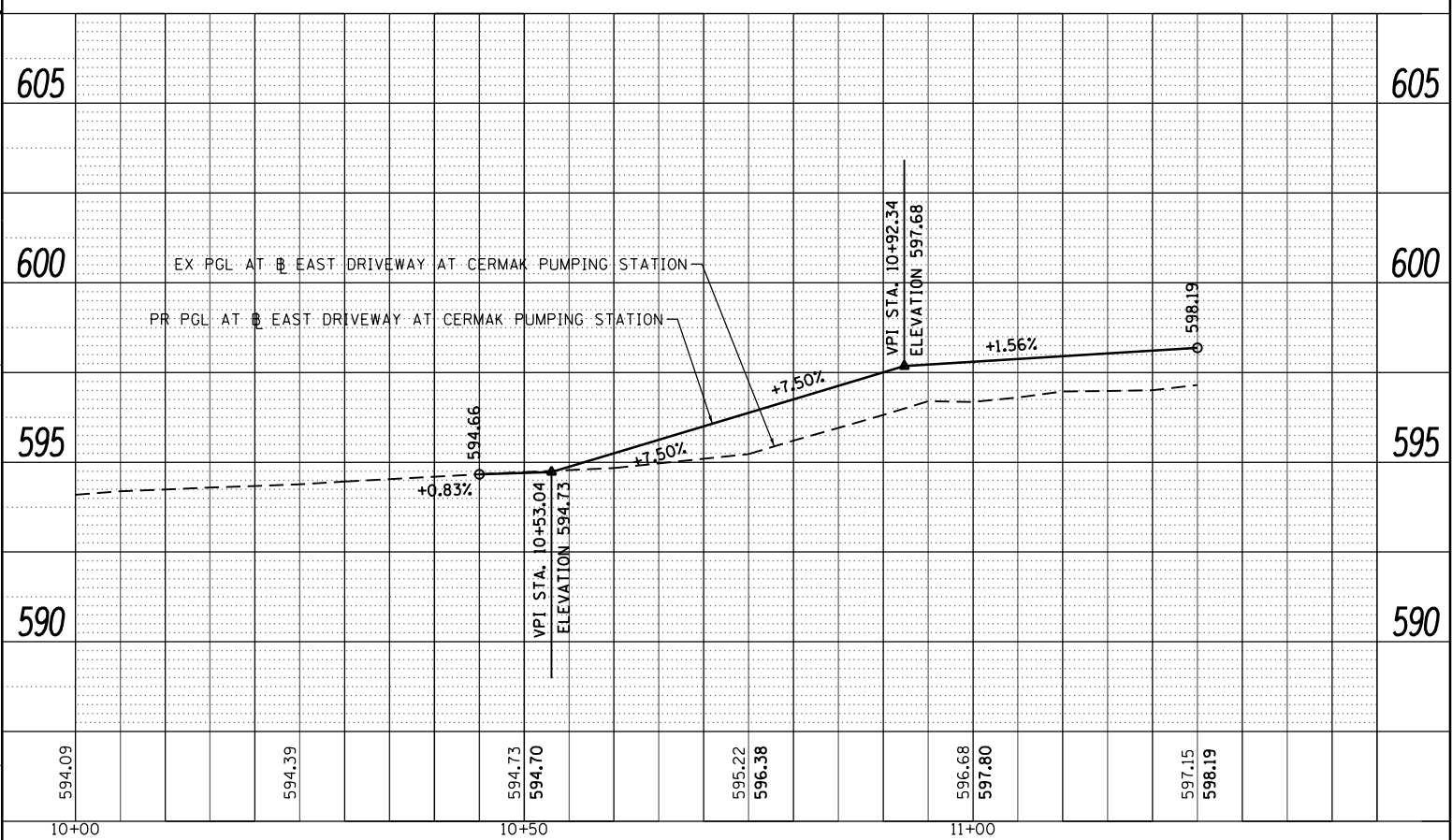
POINT	STATION	OFFSET	ELEVATION
A	10+45.00	6.52' LT	(594.70)(F)
B	10+50.00	6.58' LT	594.82 (F)
C	10+53.04	6.58' LT	594.88 (F)
D	10+60.00	6.52' LT	595.35 (F)
E	10+69.25	6.50' LT	595.40 (F)
F	10+70.00	4.62' LT	596.07 (F)
G	10+70.00	4.62' LT	596.32 (C)
H	10+73.03	4.65' LT	596.24 (F)
I	10+73.03	4.65' LT	596.49 (C)
J	10+80.00	5.19' LT	596.75 (F)
K	10+80.00	5.19' LT	597.00 (C)
L	10+90.00	6.00' LT	597.38 (F)
M	10+90.00	6.00' LT	597.63 (C)
N	10+92.34	6.18' LT	597.52 (F)
O	10+92.34	6.18' LT	597.55 (C)

POINT	STATION	OFFSET	ELEVATION
AA	10+45.00	24.23' RT	(594.72)(F)
AB	10+45.00	24.23' RT	(595.28)(C)
AC	10+50.00	23.72' RT	594.75 (F)
AD	10+50.00	23.72' RT	595.35 (C)
AE	10+53.04	23.41' RT	594.84 (F)
AF	10+53.04	23.41' RT	595.39 (C)
AG	10+60.00	22.70' RT	595.33 (F)
AH	10+60.00	22.70' RT	595.58 (C)
AI	10+70.41	21.74' RT	596.03 (F)
AJ	10+70.41	21.74' RT	596.28 (C)
AK	10+70.41	9.25' RT	595.97 (F)
AL	10+70.41	9.25' RT	596.22 (C)
AM	10+70.41	7.59' RT	596.02 (F)
AN	10+70.41	7.59' RT	596.27 (C)
AO	10+80.00	6.85' RT	596.82 (F)
AP	10+80.00	6.85' RT	597.07 (C)
AQ	10+90.00	6.07' RT	597.65 (F)
AR	10+90.00	6.07' RT	597.90 (C)
AS	10+90.84	6.00' RT	597.72 (F)
AT	10+90.84	6.00' RT	597.97 (C)
AU	10+92.34	6.00' RT	597.84 (F)
AV	10+92.34	6.00' RT	597.87 (C)



NOTES:

1. SEE DRAINAGE SCHEDULE AND PLANS FOR STRUCTURE INFORMATION.
2. SEE CURB RAMP DETAILS FOR ADA RAMP INFORMATION.
3. CURB HEIGHT IS 8" UNLESS OTHERWISE NOTED OR INDICATED ON THE CURB RAMP DETAILS.
4. ALL ELEVATIONS AND GRADES NOT SHOWN SHALL FOLLOW THE TYPICAL SECTIONS AND PROFILES.
5. ALL INTERSECTION PAVEMENT ELEVATIONS INSIDE OF THE HARRISON STREET EDGES OF PAVEMENT ARE CONTROLLED BY PROFILE AND CROSS SLOPES OF HARRISON STREET.
6. ELEVATIONS ARE PROVIDED AT FLOW LINE (F) AND TOP OF CURB (C) UNLESS OTHERWISE NOTED.
7. DRIVEWAY PAVEMENT LATERAL GROOVING SHALL BE APPLIED AT THE DRIVEWAY TO IMPROVE TRACTION. THIS WORK SHALL BE INCLUDED IN THE COST OF THE PCC DRIVEWAY PAVT 8 PAY ITEM. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
8. THE ELEVATION AT THE DOOR ENTRANCE SHALL MEET EXISTING.
9. THE ELEVATIONS ALONG THE TOP OF EXISTING RETAINING WALL SHALL BE FIELD VERIFIED.



D160W71-sht-intersec-01
 USER NAME = chiue
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 2/21/2014

DESIGNED - AFC
 DRAWN - AFC
 CHECKED - DBM
 DATE - 02/19/14

REVISED -
 REVISED -
 REVISED -
 REVISED -

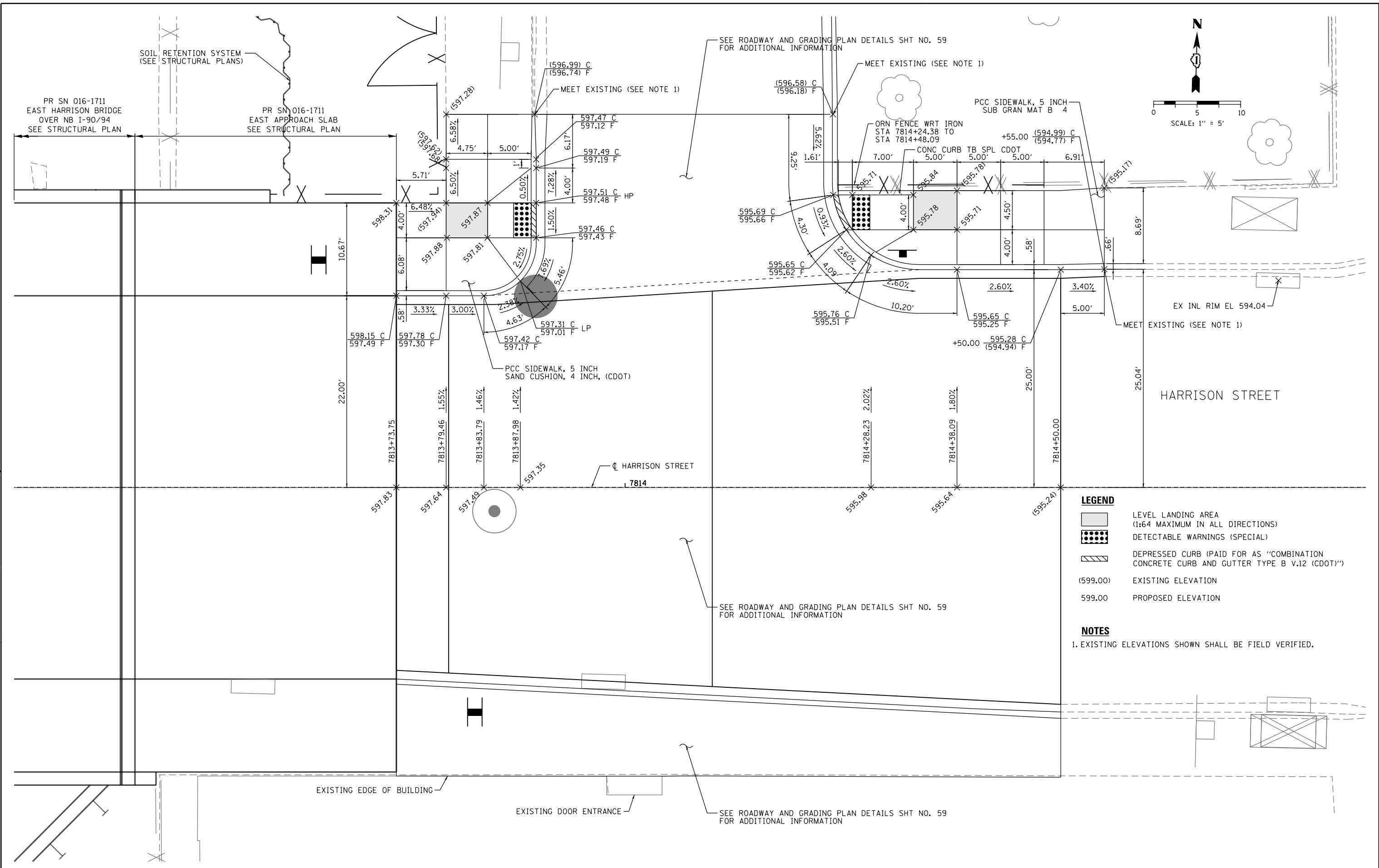
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ROADWAY AND GRADING PLAN DETAILS
 HARRISON STREET

SCALE: 1" = 10' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	58A
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\388035\pmt\1\escomon\me\local\p\AEC\000\Documents\01_Americas\Transportation\6269938_Circle\Phase_1\1\000_CAD\005_Roadway\Sheets\60W71_Contract\0160W71-sht-Intersec-Detail-02



- LEGEND**
- LEVEL LANDING AREA (1:64 MAXIMUM IN ALL DIRECTIONS)
 - DETECTABLE WARNINGS (SPECIAL)
 - DEPRESSED CURB (PAID FOR AS "COMBINATION CONCRETE CURB AND GUTTER TYPE B V.12 (CDOT)")
 - (599.00) EXISTING ELEVATION
 - 599.00 PROPOSED ELEVATION
- NOTES**
1. EXISTING ELEVATIONS SHOWN SHALL BE FIELD VERIFIED.



D160W71-sht-Intersec-Detail-02
 USER NAME = pimsarno
 PLOT SCALE = 10.0000" / in.
 PLOT DATE = 2/19/2014

DESIGNED - AFC
 DRAWN - AFC
 CHECKED - DBM
 DATE - 02/19/14

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CURB RAMP DETAILS
 CTA BUS TURNOUT**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	61
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

NOTES:

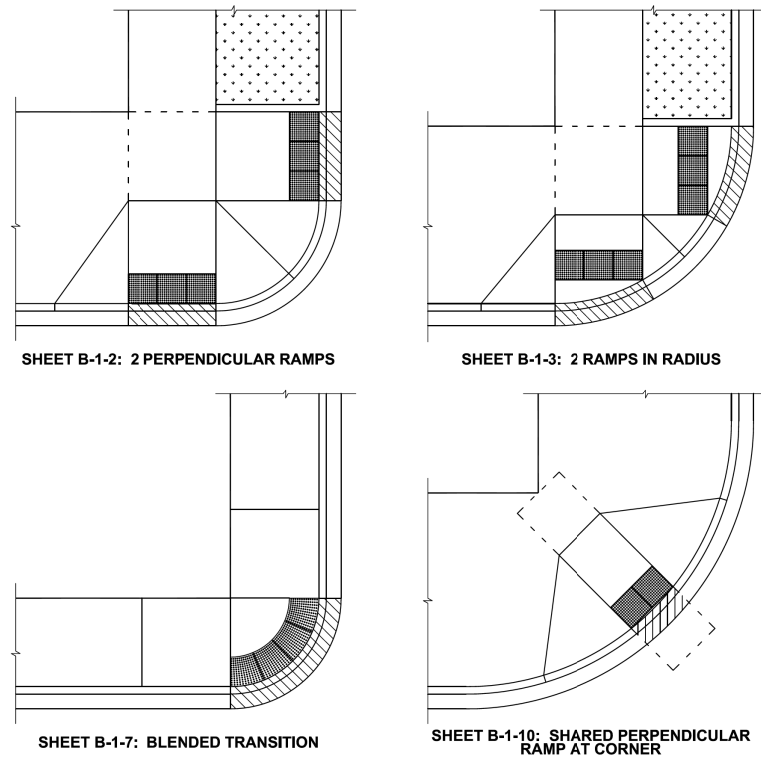
CURB RAMP LAYOUT B-1-2 IS PREFERRED WHEREVER POSSIBLE. WHERE RAMPS ARE LOCATED IN THE CORNER RADIUS, LAYOUT B-1-3 SHALL BE USED.

CURB RAMP PLACEMENT SHALL BE COORDINATED AS REQUIRED TO ALLOW FOR A 4' MINIMUM WIDTH SIDEWALK AROUND EACH CORNER OF INTERSECTION. SIDEWALK NOT TO BE OBSTRUCTED BY CURB RAMPS OR OTHER BARRIERS AND SHALL HAVE A CROSS SLOPE OF 1:64 MAXIMUM.

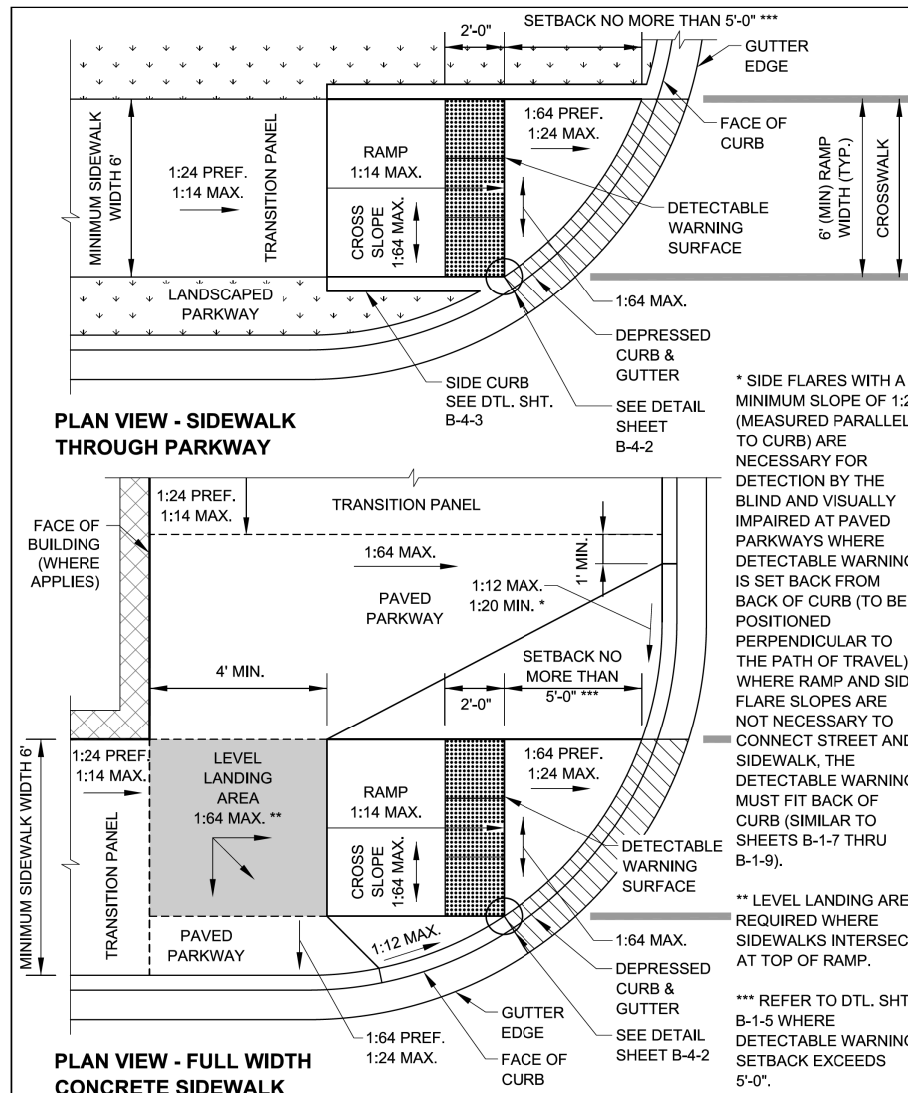
THE BLENDED TRANSITION LAYOUT B-1-7 (AND SIMILAR) MAY BE USED WHERE TWO RAMPS ARE NOT POSSIBLE DUE TO GEOMETRIC CONSTRAINTS, SUCH AS LIMITED SIDEWALK WIDTH OR GRADE ELEVATIONS. THE BLENDED TRANSITION SHALL NOT BE USED IF ACCESS TO AN EXISTING FACILITY WOULD BE REDUCED.

THE SHARED PERPENDICULAR RAMP AT CORNER LAYOUT B-1-10 IS NOT PREFERRED AND MAY ONLY BE USED WITH PERMISSION FROM THE COMMISSIONER.

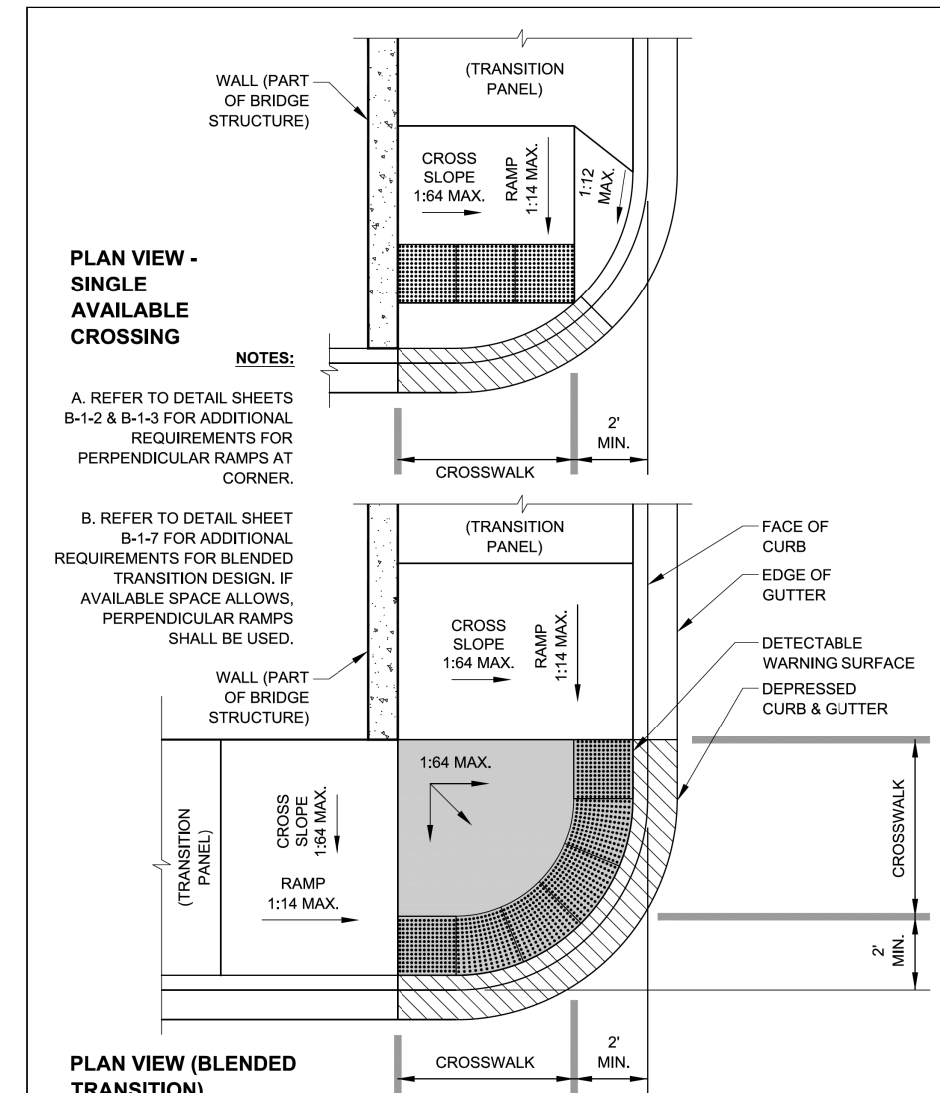
SEE SHEET B-3-3 FOR TRANSITION PANEL GUIDELINES.



<p>City of Chicago Rahm Emanuel, Mayor Department of Transportation Division of Engineering www.cityofchicago.org</p>	DATE	REVISION	<p>CITY OF CHICAGO TYPICAL CORNER RAMP LAYOUTS SHEET B-1-1</p> <p>SCALE: NOT TO SCALE DATE: 10/23/2008</p> <p>DRAWN BY: CDOT CHECKED BY: LCM</p>
	02/20/07	REVISION 1	
	11/15/07	REVISION 2	
	11/14/08	REVISION 3	
	08/10/12	REVISION 5	



<p>City of Chicago Rahm Emanuel, Mayor Department of Transportation Division of Engineering www.cityofchicago.org</p>	DATE	REVISION	<p>CITY OF CHICAGO PERPENDICULAR RAMP AT CORNER IN CURB RADIUS WITH SINGLE CROSSING SHEET B-1-4</p> <p>SCALE: NOT TO SCALE DATE: 10/23/2008</p> <p>DRAWN BY: CDOT CHECKED BY: LCM</p>
	02/20/07	REVISION 1	
	11/15/07	REVISION 2	
	11/14/08	REVISION 3	
	08/10/12	REVISION 5	



<p>City of Chicago Rahm Emanuel, Mayor Department of Transportation Division of Engineering www.cityofchicago.org</p>	DATE	REVISION	<p>CITY OF CHICAGO ON-GRADE RAMP AT BRIDGE OR OVERPASS SHEET B-1-21</p> <p>SCALE: NOT TO SCALE DATE: 10/23/2008</p> <p>DRAWN BY: CDOT CHECKED BY: LCM</p>
	02/20/07	REVISION 1	
	11/15/07	REVISION 2	
	11/14/08	REVISION 3	
	08/10/12	REVISION 5	

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D160W71-sht-CDDT-ADA-01.dgn	DESIGNED - OPS	REVISED -
USER NAME = ChiuA	DRAWN - OPS	REVISED -
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PLOT DATE = 12/17/2013	DATE - 12/20/13	REVISED -

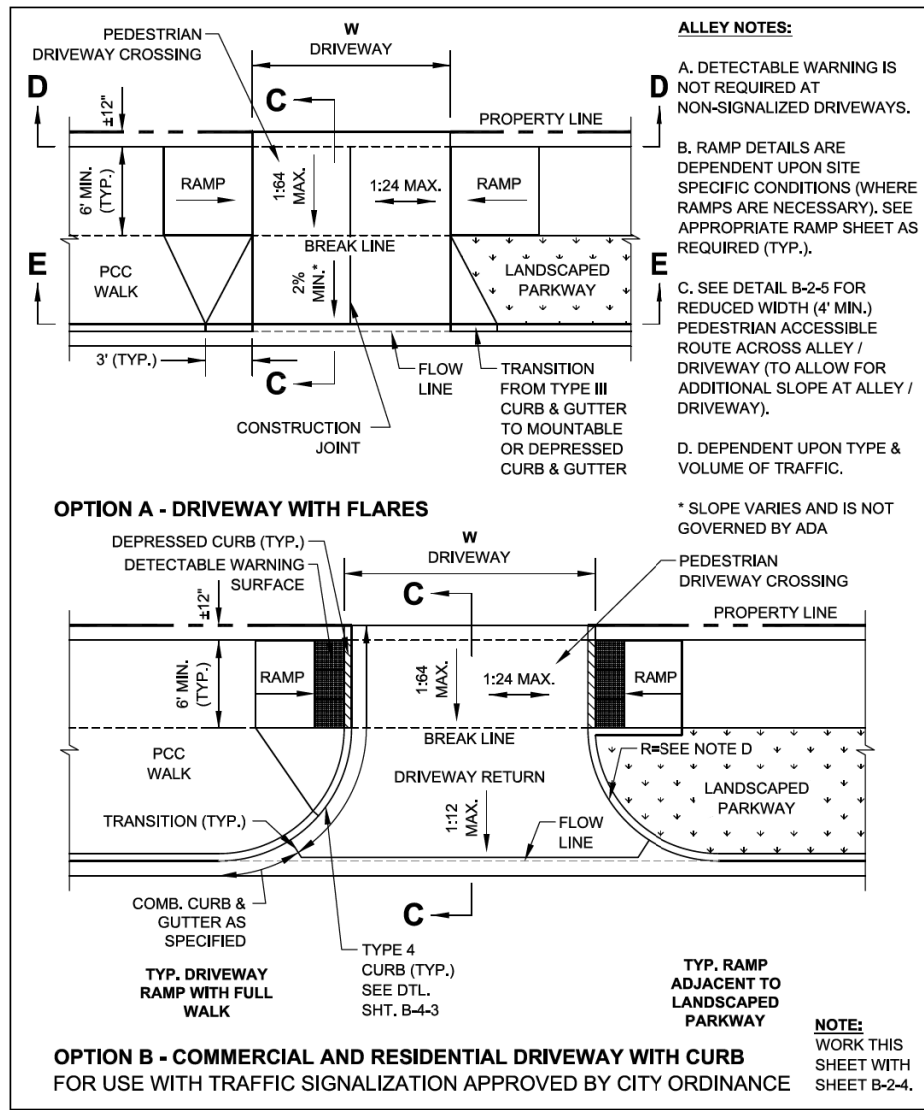
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO
ADA STANDARDS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	62
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

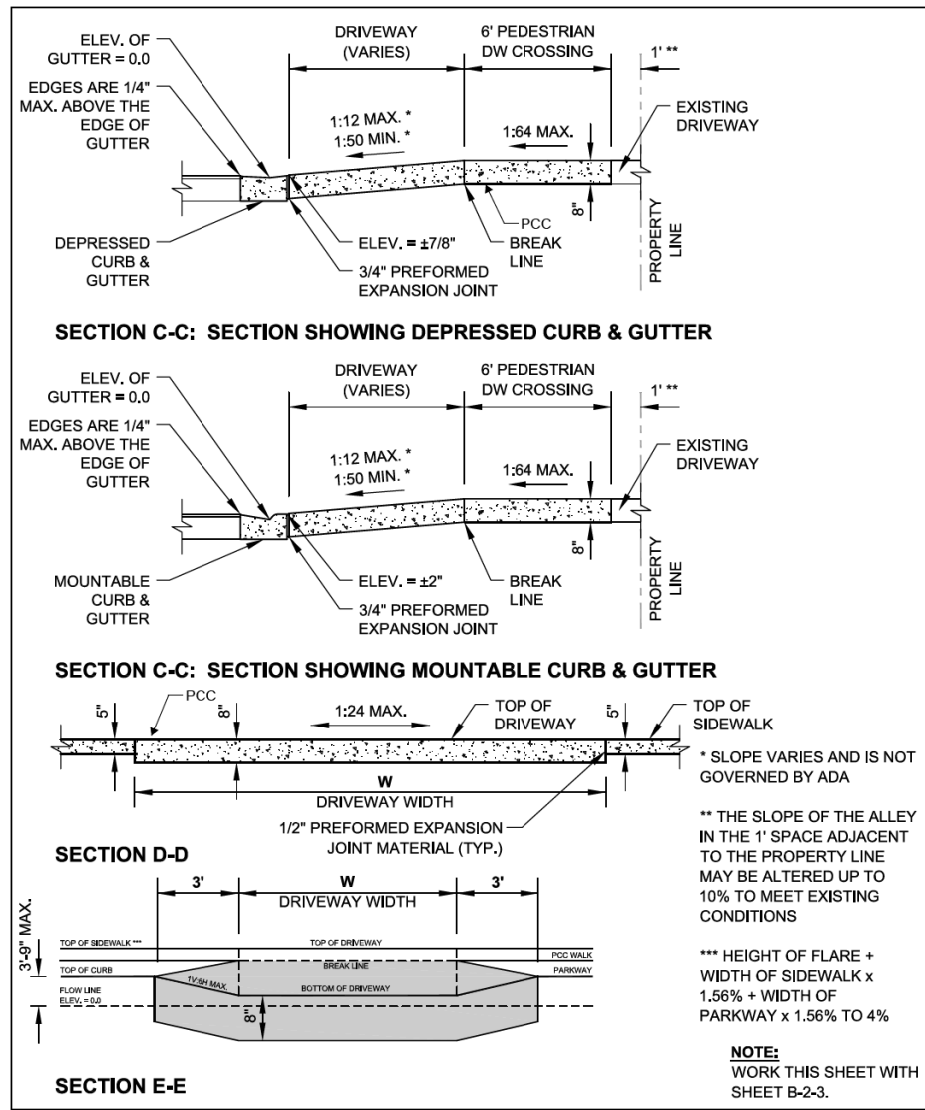
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DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5

CITY OF CHICAGO
DRIVEWAY CONSTRUCTION PLAN VIEWS
SHEET B-2-3

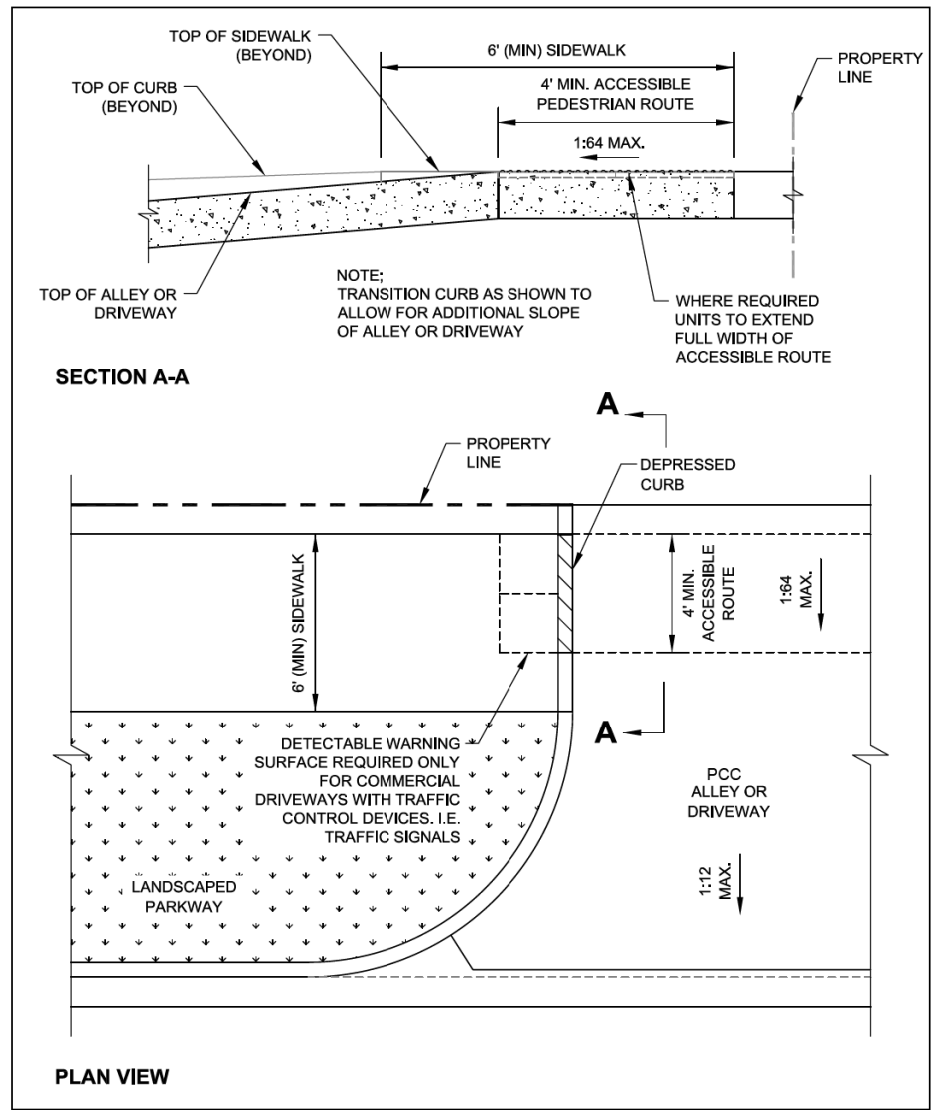
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11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5
01/01/14	REVISION 6

CITY OF CHICAGO
DRIVEWAY CONSTRUCTION SECTIONS
SHEET B-2-4

SCALE: NOT TO SCALE
DATE: 10/23/2006
DRAWN BY: CDOT
CHECKED BY: GK



DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5
01/01/14	REVISION 6

CITY OF CHICAGO
ALLEY & DRIVEWAY DETAIL FOR REDUCED WIDTH PEDESTRIAN ACCESS ROUTE
SHEET B-2-5

SCALE: NOT TO SCALE
DATE: 10/23/2006
DRAWN BY: CDOT
CHECKED BY: GK



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO
ADA STANDARDS

SCALE: N.T.S. SHEET 2 OF 4 SHEETS STA. TO STA.



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	63

CONTRACT NO. 60W71
ILLINOIS FED. AID PROJECT

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GENERAL NOTES:

1. THE DETECTABLE WARNING USED SHALL BE CHOSEN FROM THE CHICAGO DEPARTMENT OF TRANSPORTATION LIST OF APPROVED DETECTABLE WARNING PRODUCTS (AVAILABLE ON THE CITY OF CHICAGO WEBSITE). IT IS NOT ACCEPTABLE TO INSTALL TWO DIFFERENT DETECTABLE WARNING PRODUCTS ADJACENT TO ONE ANOTHER AT ANY LOCATION. IN THE CENTRAL BUSINESS DISTRICT, GRANITE OR OTHER SPECIALTY PAVING MATERIALS MAY BE SUBMITTED TO THE COMMISSIONER FOR APPROVAL.
2. THE DETECTABLE WARNING MUST BE INSTALLED A MAXIMUM OF 8" OR LESS FROM FACE OF CURB (SEE DETAIL SHEET B-4-2).
3. THE DETECTABLE WARNING MUST COVER FULL WIDTH OF RAMP EXCLUDING SIDE FLARES FOR A MINIMUM UNOBSTRUCTED DEPTH OF 24". THE DETECTABLE WARNING LOCATED ON THE SURFACES OF RAMPS IS TYPICALLY ORIENTED PERPENDICULAR TO THE RUN OF THE RAMP UNLESS SPECIAL CIRCUMSTANCES OCCUR (SEE DETAIL SHEET B-1-5). THE DETECTABLE WARNING MUST BE PROVIDED FOR A MINIMUM DEPTH OF 24" FOR THE ENTIRE LENGTH OF THE SIDEWALK WHERE THE SIDEWALK IS FLUSH WITH THE STREET (DEPRESSED CURB OR FLUSH TRANSITION). IF IT IS NECESSARY TO CUT A UNIT(S) IN THE PROVISION OF A COMPLIANT RAMP OR SIDEWALK WITH 24" MINIMUM DEPTH OF DETECTABLE WARNING, THE UNITS SHALL BE CUT IN A NEAT AND WORKMAN LIKE MANNER PER MANUFACTURER'S REQUIREMENTS WITH A MINIMUM OF THREE PINS OR ANCHOR POINTS (WHERE APPLICABLE). THE UNITS SHALL BE ARRANGED SO THAT THE CUT UNITS ARE LARGE ENOUGH TO BE PROPERLY AND ADEQUATELY SECURED. CUT UNITS SHALL NOT BE USED UNLESS ALL OTHER DESIGN OPTIONS HAVE BEEN EXHAUSTED. THE USE OF SALVAGE PIECES FROM UNITS THAT ARE CUT WILL NOT BE PERMITTED WITHOUT WRITTEN APPROVAL OF THE COMMISSIONER. CUT UNIT SALVAGE PIECES NOT APPROVED FOR USE MUST BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY.
4. WHERE APPLICABLE, A COMBINATION OF STRAIGHT AND RADIAL DETECTABLE WARNING UNITS MAY BE USED ON COMPOUND AND LARGE RADII. CONTRACTOR MUST MAKE THIS DETERMINATION AND VERIFY IN FIELD.
5. THE DETECTABLE WARNING MUST CONTRAST WITH ADJACENT PAVEMENT. IF LIGHT COLORED PAVEMENT IS USED THE DETECTABLE WARNING COLOR SHALL BE RED. IF A DARK COLORED PAVEMENT IS USED THE DETECTABLE WARNING COLOR SHALL BE YELLOW. CONTRACTOR TO VERIFY THAT PROPER CONTRAST IS OBTAINED.
6. PRIOR TO PLACING CONCRETE FOR DEPRESSED CURBS, RAMPS, OR SIDEWALKS THE CONTRACTOR SHALL VERIFY THAT LAYOUT OR DESIGN COMPLIES WITH THE REQUIREMENTS OF THE CDOT ADA STANDARDS.
7. RAMP WIDTH MUST BE A MINIMUM OF 6'-0" AND IN INCREMENTS OF 1'-0", EXCEPT WHEN USING THE PERPENDICULAR RAMP AT CORNER (OR OTHER SPECIAL CDOT APPROVED CONDITIONS), WHICH HAS A MINIMUM WIDTH OF 4'-0".
8. THE MAXIMUM ALLOWABLE RAMP RUNNING SLOPE IS 1:14, MEASURED AT ANY PORTION OF THE RAMP. IF POSSIBLE, A MORE GRADUAL SLOPE SHALL BE USED. GRADE BREAKS AT THE TOP AND BOTTOM OF RAMPS SHALL BE PERPENDICULAR TO THE DIRECTION OF RAMP RUN.
9. THE MAXIMUM ALLOWABLE RAMP CROSS SLOPE IS 1:64, MEASURED AT ANY PORTION OF THE RAMP. IF POSSIBLE, A MORE GRADUAL SLOPE SHALL BE USED.
10. THE MAXIMUM ALLOWABLE RAMP LANDING SLOPE IS 1:64, MEASURED AT ANY LOCATION AND IN ANY DIRECTION ON THE LANDING. THE RAMP LANDING WIDTH SHALL MATCH THE FULL WIDTH OF THE RAMP FOR A MINIMUM UNOBSTRUCTED DEPTH OF 4'-0". RAMP LANDINGS SHALL BE PROVIDED AT THE TOP AND/OR BOTTOM OF RAMPS WHERE TURNING IS REQUIRED.
11. RAMP SIDE FLARES SHALL BE INSTALLED AT ANY LOCATION WHERE THE SURFACE ADJACENT TO THE RAMP SURFACE IS INTENDED FOR PEDESTRIAN USE. TRIPPING HAZARDS, INCLUDING STEPS, DROP-OFFS, OR CURBS SHALL NOT BE LOCATED WITHIN THE LIMITS OF THE SIDEWALK. RAMP SIDE FLARES ARE NOT REQUIRED WHERE THE SURFACE ADJACENT TO THE RAMP SURFACE IS LANDSCAPED OR IS OCCUPIED BY A BARRIER THAT BLOCKS PEDESTRIAN ACCESS. EXCEPTIONS TO THIS RULE MAY BE SUBMITTED TO THE COMMISSIONER FOR APPROVAL.

	DATE	REVISION		CITY OF CHICAGO GENERAL NOTES SHEET B-3-2	SCALE: NOT TO SCALE DATE: 10/23/2008	DRAWN BY: CDOT CHECKED BY: LCM
	02/20/07	REVISION 1				
	11/15/07	REVISION 2				
	11/14/08	REVISION 3				
	11/02/09	REVISION 4				
	08/10/12	REVISION 5				

GENERAL NOTES (CONTINUED):

12. UTILITIES, SUCH AS LIGHT POLES, TRAFFIC POLES AND HYDRANTS, MAY BE LOCATED IN THE FLARE OF THE RAMP BUT ARE NOT ALLOWED ON THE RAMP SURFACE OR LANDING AREAS. EXISTING UTILITY STRUCTURE LIDS MAY REMAIN WITHIN THE FLARE OR ON THE SURFACE OF THE RAMP IF THE REQUIREMENTS OF GENERAL NOTE #19 ARE MET.
13. ALL LOCATIONS WITH TYPE 4 OR TYPE B CURB (EXCEPT ALLEY APRONS) SHALL BE CONSTRUCTED AS CURB AND GUTTER TYPE BV.12 THROUGH THE LIMITS OF THE CORNER AND THE CURB RAMPS.
14. ALTERATIONS SHALL NOT DECREASE THE ACCESSIBILITY TO EXISTING FACILITIES, SIDEWALKS LEADING TO EXISTING FACILITIES, OR DOOR OR GATE ACCESS POINTS TO FACILITIES. THE ELEVATION AT THE EXISTING PROPERTY LINE OR FACILITY ACCESS POINT SHALL BE MAINTAINED AT A MINIMUM. ANY ALTERATIONS ADJACENT TO OR AFFECTING A FACILITY ACCESS POINT SHALL RESULT IN IMPROVED ACCESS OR AT A MINIMUM A REPLICATION OF EXISTING CONDITIONS, INCLUDING SIDEWALK SLOPES AND SURFACE CONDITIONS. FACILITIES INCLUDE, BUT ARE NOT LIMITED TO PRIVATE BUSINESSES, PUBLIC BUILDINGS, RESIDENCES, BUS STOPS, PUBLIC BENCHES, PAY PHONES, AND PARKING METERS.
15. THE MINIMUM CROSSWALK WIDTH IS 6'-0". CROSSWALKS SHALL BE LOCATED AS SHOWN IN THE PLAN SHEETS DEPENDING ON THE TYPE OF CURB RAMP USED. BEYOND THE CURB FACE AT THE BASE OF CURB RAMPS, A CLEAR SPACE OF 4'-0" BY 4'-0" MINIMUM SHALL BE PROVIDED WITHIN THE STRIPES OF THE CROSSWALK (WHERE PROVIDED).
16. IF SIDEWALK AND ALLEY ARE AT THE SAME GRADE, A RAMP IS NOT REQUIRED. IF SIDEWALK AND DRIVEWAY ARE AT THE SAME GRADE, A RAMP IS NOT REQUIRED BUT DETECTABLE WARNING UNITS ARE STILL REQUIRED IF THE DRIVEWAY HAS TRAFFIC CONTROL DEVICES (I.E. TRAFFIC SIGNALS).
17. MAIN LINE SIDEWALK SHALL HAVE A MAXIMUM CROSS SLOPE NOT TO EXCEED 1:64 FOR THE FULL WIDTH OF WALK UNLESS OTHERWISE APPROVED BY THE COMMISSIONER. WHERE TURNING IS REQUIRED AND WHERE SIDEWALKS INTERSECT, THE SLOPE OF THE SIDEWALK SHALL NOT EXCEED 1:64 IN ANY DIRECTION.
18. MAIN LINE SIDEWALK RUNNING SLOPES SHALL NOT EXCEED 1:24 OR THE GENERAL GRADE ESTABLISHED FOR THE ADJACENT STREET, WHICH EVER IS HIGHER.
19. THERE SHALL BE NO VERTICAL LEVEL DIFFERENCES BETWEEN SURFACES GREATER THAN 1/4" ON THE MAIN LINE SIDEWALK. THERE SHALL BE NO HORIZONTAL GAPS OR OPENINGS GREATER THAN 1/2" ON THE MAIN LINE SIDEWALK.
20. WHERE OBSTRUCTIONS EXIST ON THE MAINLINE SIDEWALK, THE CLEAR WIDTH OF USEABLE SIDEWALK SHALL NOT BE LESS THAN 4'-0". OBSTRUCTIONS INCLUDE, BUT ARE NOT LIMITED TO SIDEWALK BENCHES, FIRE HYDRANTS, SIGNAL OR LIGHT POLES, NEWSPAPER DISPENSERS, TRASH RECEPTACLES, AND UTILITY PEDESTALS.
21. CURB RAMPS AND LANDING (KEYSTONE) TO BE CONSTRUCTED WITH 8" THICK CONCRETE AT ALL TRAFFIC SIGNALIZED INTERSECTIONS AND INDUSTRIAL STREET INTERSECTIONS. AT ALL OTHER LOCATIONS, 5" THICK CONCRETE TO BE USED.
22. DEPRESSED CURB, RAMP, OR SIDEWALK DESIGNS OR LAYOUTS SHALL MAINTAIN OR IMPROVE EXISTING DRAINAGE AND THE EXISTING INTERSECTION GEOMETRY SHALL NOT BE MODIFIED WITHOUT CDOT APPROVAL.
23. ALL CONSTRUCTION DOCUMENTS MUST BE STAMPED BY A LICENSED ARCHITECT/LANDSCAPE ARCHITECT/ENGINEER TO CERTIFY THAT THEY ARE IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA) AND ALL CODES AND BUILDING ORDINANCES OF THE CITY OF CHICAGO AND THE STATE OF ILLINOIS.
24. NO DEVIATIONS FROM THESE STANDARDS ARE ALLOWED WITHOUT WRITTEN APPROVAL FROM THE COMMISSIONER.

	DATE	REVISION		CITY OF CHICAGO GENERAL NOTES (CONTINUED) SHEET B-3-3	SCALE: NOT TO SCALE DATE: 10/23/2008	DRAWN BY: CDOT CHECKED BY: GK
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	11/15/07	REVISION 2				
	11/14/08	REVISION 3				
	11/02/09	REVISION 4				
	08/10/12	REVISION 5				

ADA COMPLIANCE AND TRANSITION GUIDELINES

POLICY STATEMENT: ANY ALTERATION OF THE PUBLIC WAY MUST BE RESTORED IN AN ADA COMPLIANT MANNER

I. STREET/ALLEY RESTORATION

FOR ANY PROJECT WHERE, WITHIN THE PROJECT LIMITS, A CROSSWALK IS ENCOUNTERED OR WHERE THE PROJECT LIMITS TERMINATE WITHIN 4' OR LESS OF A CROSSWALK, THOSE CROSSWALKS AND THE ASSOCIATED CURB RAMPS MUST BE IMPROVED TO CURRENT ADA STANDARDS IF THEY ARE NOT COMPLIANT (SEE APPENDIX A.)

WHEN A PROJECT CALLS FOR ONLY AN INTERSECTION TO BE REPAVED, THE INTERSECTION LIMITS AS DEFINED BY THE AREA OUTLINED BY OUTERMOST CROSSWALK LINES AND ADJACENT CURB FACES AND ALL ADJOINING CROSSWALKS AND CURB RAMPS MUST BE IMPROVED TO CURRENT ADA STANDARDS IF THEY ARE NOT COMPLIANT (SEE APPENDIX A.)

WHEN WORK IS LIMITED TO A SINGLE CORNER OF AN INTERSECTION, THE CURB RAMP MUST BE IMPROVED TO CURRENT ADA STANDARDS AND THE ADJACENT PAVEMENT MUST BE RESURFACED, AS NECESSARY TO PROVIDE FOR A FLUSH TRANSITION (SEE APPENDIX A.)

WHEN ADA WORK IS LIMITED TO A SINGLE CORNER OF AN INTERSECTION, THE ADJACENT PAVEMENT MUST BE RESTORED TO THE 1/4-POINT OF THE ROADWAY.

FOR ANY CONSTRUCTION WHERE, WITHIN THE PROJECT LIMITS, AN ALLEY APRON IS ENCOUNTERED, THE ASSOCIATED CURB RAMPS, ALLEY APRON, AND SIDEWALKS MUST BE IMPROVED TO CURRENT ADA STANDARDS IF THEY ARE NOT COMPLIANT (SEE APPENDIX A.)

II. SIDEWALK INSTALLATION / REPAIRS / RECONSTRUCTION

THE LIMITS OF ANY MAINLINE SIDEWALK REPLACEMENT, GREATER THAN TEN FEET (10') IN LENGTH, THAT ABUT AN EXISTING RAMP, KEYSTONE, TRANSITION PANEL, AND/OR LANDING AREA (THIS TOTAL LENGTH INCLUDES THE PRIOR ELEMENTS), SHALL BE EXTENDED TO INCLUDE THE AFFECTED RAMPS AND THESE RAMPS SHALL BE RECONSTRUCTED TO CURRENT ADA STANDARDS. IN ADDITION ALL NEWLY PLACED SIDEWALK TEN FEET (10') OR MORE IN LENGTH SHALL BE CONSTRUCTED IN ACCORDANCE WITH ALL CURRENT APPLICABLE STANDARDS WHICH INCLUDE PROVIDING A MINIMUM FOUR FEET (4') WIDTH ACCESSIBLE PATHWAY WITH A CROSS SLOPE NOT TO EXCEED 1:64 (SEE APPENDIX A.)

III. GUIDELINES FOR TRANSITIONING TO EXISTING NON-COMPLIANT CONDITION

NEW SIDEWALK PLACEMENTS GREATER THAN TEN FEET IN CONTIGUOUS LENGTH:

THE LIMITS OF ANY MAINLINE SIDEWALK REPLACEMENT, GREATER THAN TEN FEET (10') IN LENGTH, MUST BE EXTENDED FOR A MINIMUM FIVE ADDITIONAL FEET (5') EITHER SIDE IN ORDER TO PROVIDE A TRANSITION TO MATCH THE EXISTING SIDEWALK. THE LENGTH OF TRANSITION SHALL BE LENGTHENED AS NECESSARY TO ENSURE THAT THE RUNNING SLOPE OF THE TRANSITION DOES NOT EXCEED A SLOPE OF 1:24 (PREFERRED) OR 1:14 (MAXIMUM) AT ANY POINT.



NEW SIDEWALK REPLACEMENTS TEN FEET OR LESS IN CONTIGUOUS LENGTH (REPAIRS):

IT IS ACCEPTABLE PRACTICE TO MATCH ADJACENT SIDEWALKS AT THE EXISTING SLOPE.

CURB RAMP REPLACEMENTS

WHEN REPLACING AN ADA RAMP, THE SIDEWALK REPLACEMENT MUST EXTEND BEYOND THE LIMITS OF THE LANDING AREA AND/OR THE "KEYSTONE" A MINIMUM OF AN ADDITIONAL FIVE FEET (5') ON EITHER SIDE IN ORDER TO PROVIDE A TRANSITION TO MATCH THE EXISTING SIDEWALK. THE TRANSITION PANEL SHALL BE LENGTHENED AS NECESSARY TO ENSURE THAT THE RUNNING SLOPE OF THE TRANSITION PANEL DOES NOT EXCEED A SLOPE OF 1:24 (PREFERRED) OR 1:14 (MAXIMUM) AT ANY POINT.

NO EXCEPTIONS TO THE ABOVE WILL BE ALLOWED WITHOUT WRITTEN APPROVAL FROM THE COMMISSIONER.

	DATE	REVISION		CITY OF CHICAGO ADA COMPLIANCE AND TRANSITION GUIDELINES SHEET B-3-4	SCALE: NOT TO SCALE DATE: 10/23/2008	DRAWN BY: CDOT CHECKED BY: GK
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	11/15/07	REVISION 2				
	11/14/08	REVISION 3				
	11/02/09	REVISION 4				
	08/10/12	REVISION 5				



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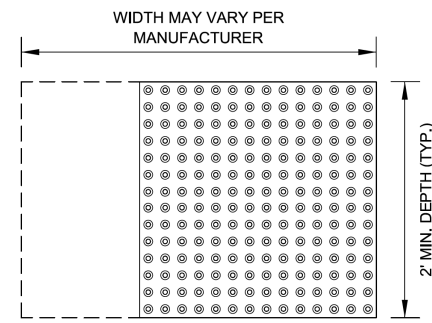
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CITY OF CHICAGO
ADA STANDARDS**

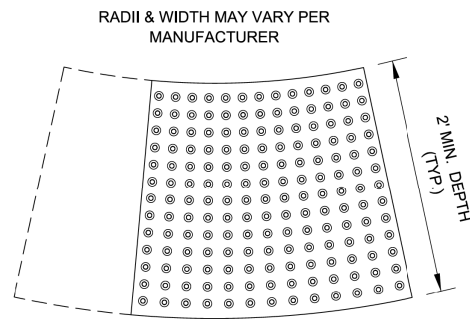
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	64
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

STRAIGHT DETECTABLE WARNING UNITS



RADIAL DETECTABLE WARNING UNITS



DETECTABLE WARNING UNIT SIZES

- VERIFY ALL DIMENSIONS WITH THE PRODUCT MANUFACTURER.
- IF USING RADIAL UNITS, VERIFY THAT THE CURB RADIUS MATCHES AVAILABLE UNIT RADII WITH THE PRODUCT MANUFACTURER.
- APPROVED LIST OF DETECTABLE WARNING PRODUCTS CAN BE FOUND ON CDOT'S WEBSITE (www.cityofchicago.org).



DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5

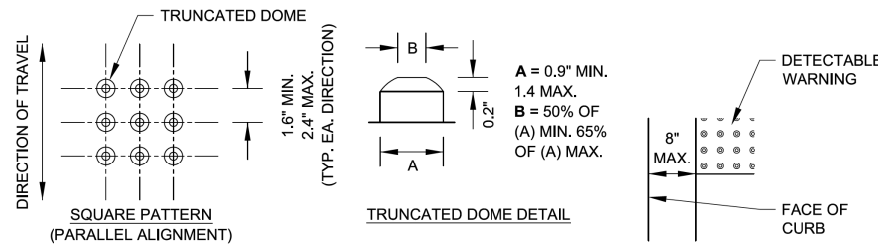
CITY OF CHICAGO
DETECTABLE WARNING UNIT SIZES
SHEET B-4-1

SCALE: NOT TO SCALE
DATE: 10/23/2006

DRAWN BY: CDOT
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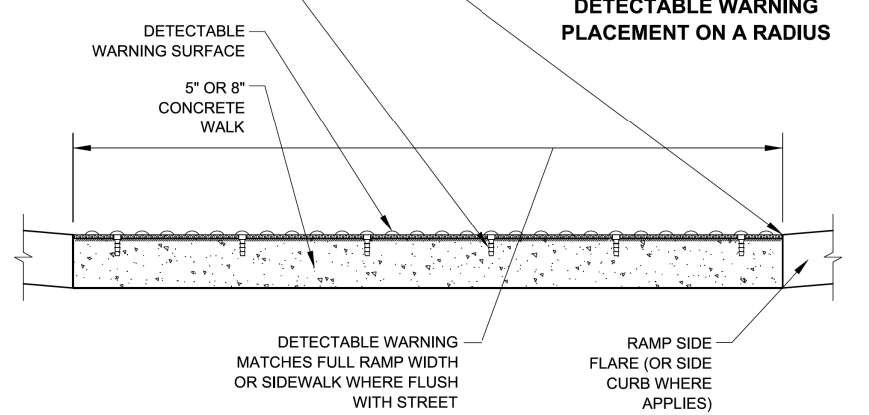
GENERAL NOTE:

THE ROWS OF DOMES IN THE DETECTABLE WARNING MATERIAL MUST BE ALIGNED WITH THE PATH OF WHEELCHAIR TRAVEL WHICH IS REQUIRED TO BE PERPENDICULAR TO THE GRADE BREAK AT THE BOTTOM OF THE RAMP TO PERMIT TRACKING BETWEEN DOME ROWS. ON BLENDED TRANSITIONS OR FLUSH TRANSITIONS, WHERE RADIAL UNITS ARE SITUATED ABOUT THE CURB RADIUS, DOME ORIENTATION IS NOT SIGNIFICANT.



UNIT PATTERN & DOME DETAIL

TYPICAL DETECTABLE WARNING PLACEMENT



DETECTABLE WARNING UNIT SECTION

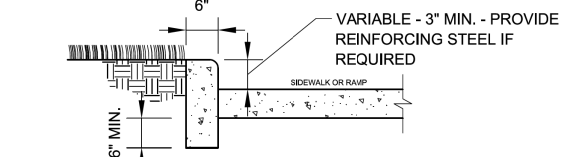


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11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5

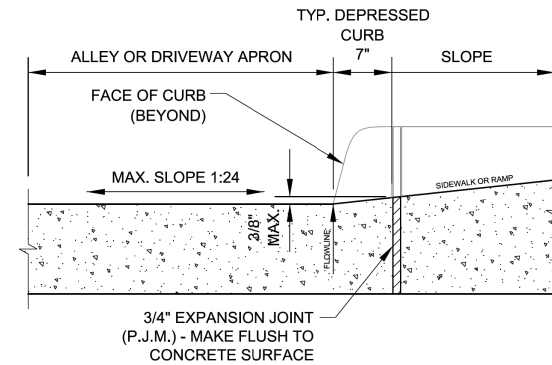
CITY OF CHICAGO
DETECTABLE WARNING UNIT DETAILS
SHEET B-4-2

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DATE: 10/23/2006

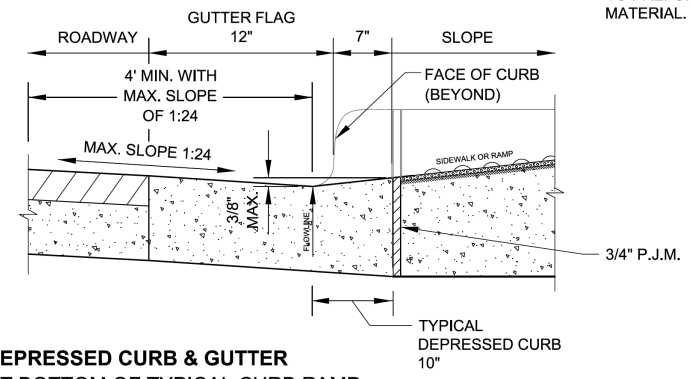
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SIDE CURB - SECTION



DEPRESSED CURB & GUTTER AT ALLEY/DRIVEWAY APRON (TYPE 4 OR B CURB)



DEPRESSED CURB & GUTTER AT BOTTOM OF TYPICAL CURB RAMP



DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5

CITY OF CHICAGO
CURB & GUTTER DETAILS
SHEET B-4-3

SCALE: NOT TO SCALE
DATE: 10/23/2006

DRAWN BY: CDOT
CHECKED BY: LCM

NOTES FOR CURB & GUTTER DETAILS THIS SHEET:

- A. CROSS SLOPE AT DEPRESSED CURB & GUTTER NOT TO EXCEED 1:64.
- B. DETECTABLE WARNING SURFACE AT DRIVEWAYS REQUIRED ONLY FOR COMMERCIAL DRIVEWAYS WITH TRAFFIC CONTROL DEVICES, I.E. SIGNALS.
- C. REFER TO REGULATIONS FOR OPENINGS, CONSTRUCTION AND REPAIR IN THE PUBLIC WAY (CDOT) FOR ADDITIONAL REQUIREMENTS FOR CURB AND GUTTER INSTALLATION.
- D. RAMP SIDE FLARES SHALL BE INSTALLED AT ANY LOCATION WHERE THE SURFACE ADJACENT TO THE RAMP SURFACE IS INTENDED FOR PEDESTRIAN USE. TRIPPING HAZARDS, INCLUDING STEPS, DROP-OFFS, OR SIDE CURBS SHALL NOT BE LOCATED WITHIN THE LIMITS OF THE SIDEWALK.
- E. 'P.J.M.' THIS SHEET REFERS TO PREFORMED JOINT MATERIAL.

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PLOT DATE = 12/17/2013

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO
ADA STANDARDS

SCALE: N.T.S. SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	65
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING SCHEDULE

LOCATION	STATION	TO	STATION	PERFORMED THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	EPOXY PAVEMENT MARKING - LINE 4"	EPOXY PAVEMENT MARKING - LINE 5"	EPOXY PAVEMENT MARKING - LINE 8"	EPOXY PAVEMENT MARKING - LINE 12"	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	RAISED REFLECTIVE PAVEMENT MARKER (1-WAY CRYSTAL/OPAQUE)	PAVEMENT MARKING TAPE, TYPE III 4"	PAVEMENT MARKING TAPE, TYPE III 5"	PAVEMENT MARKING TAPE, TYPE III 8"	PAVEMENT MARKING REMOVAL
				SO FT	SO FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	FOOT	FOOT
HARRISON STREET				25.1	36	410	132	97	270	-	-	-	-	10	530	1035	24	-	-	-	-	-
I-90/94 NORTHBOUND				-	-	-	-	-	-	1736	569	1642	214	-	-	-	-	16	2872	107	1182	1018
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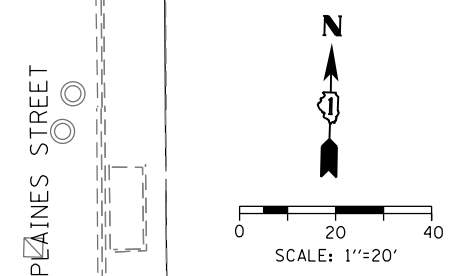
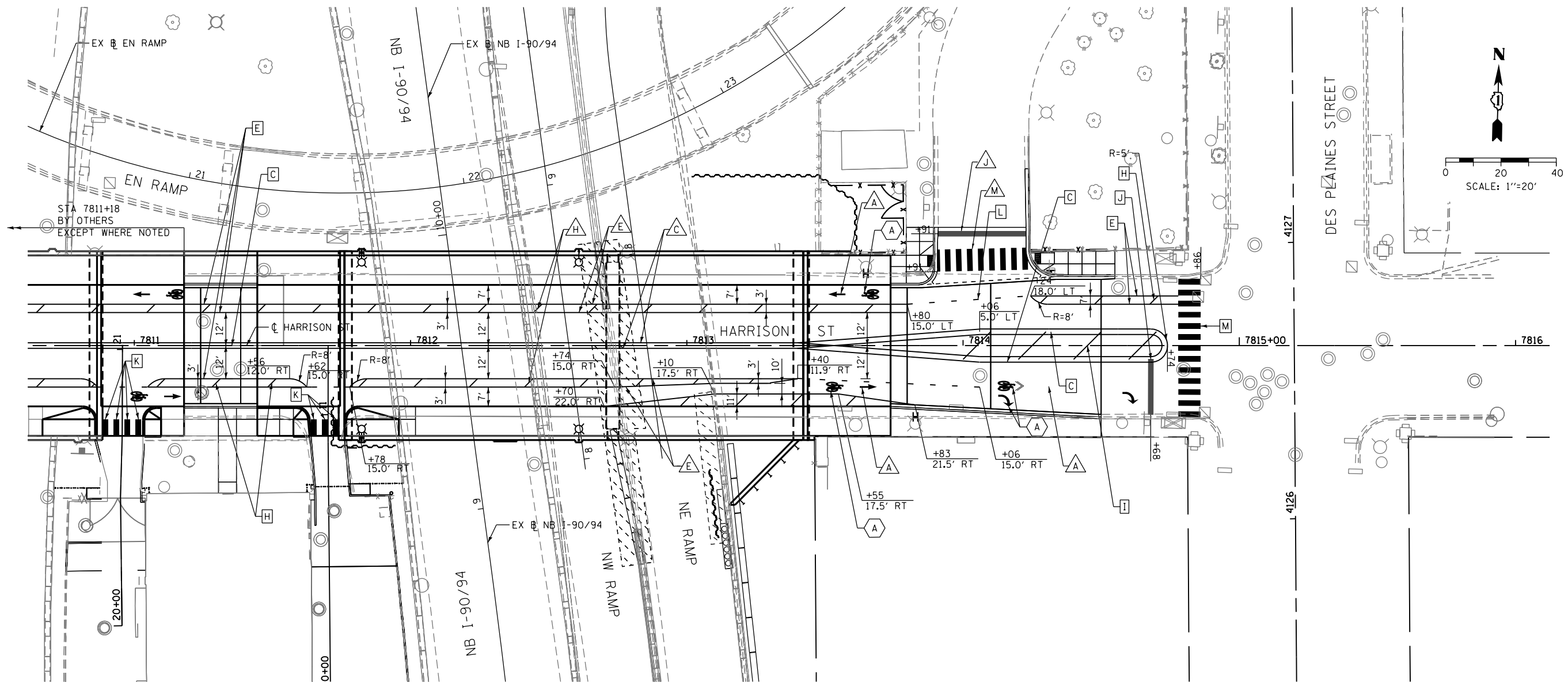


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PLOT DATE = 2/21/2014	DATE - 02/19/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SCHEDULE			
SCALE: NONE	SHEET 1 OF 1 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	66
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING NOTES

1. ALL FINAL PAVEMENT MARKING MATERIALS PLACED ON PCC PAVEMENT SHALL BE POLYUREA TYPE I EXCEPT WHERE NOTED IN THE PLANS.
2. ALL FINAL PAVEMENT MARKING MATERIALS PLACED ON BITUMINOUS PAVEMENT SHALL BE THERMOPLASTIC EXCEPT WHERE NOTED IN THE PLANS.
3. ALL FINAL PAVEMENT MARKING SYMBOLS SHALL BE OF SMALL SIZE.
4. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE OF THE IMPROVEMENT LIMITS SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
5. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RECORD AND RETAIN ALL EXISTING PAVEMENT MARKINGS AND MARKERS FOR FUTURE REFERENCE. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE DIRECTED BY THE ENGINEER.
6. THE RESIDENT ENGINEER SHALL CONTACT EXPRESSWAY TRAFFIC CONTROL SUPERVISOR AT 847-705-4155 AND ARTERIAL TRAFFIC CONTROL SUPERVISOR AT 847-705-4470 A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
7. SEE PAVEMENT MARKING DETAIL SHEETS FOR ADDITIONAL INFORMATION.

8. TEMPORARY PAVEMENT MARKINGS SHALL BE INSTALLED FOR AN INTERIM PERIOD FOLLOWING COMPLETION OF THE ROADWAY'S CONCRETE BASE, PRIOR TO THE PLACEMENT OF FINAL ASPHALT SURFACE PER THE DIRECTION OF THE ENGINEER. TEMPORARY CROSSWALK MARKINGS MAY BE PLACED WITH TWO 6-INCH LINES IN PLACE OF THE CONTINENTAL STYLE DURING THE INTERIM PERIOD.
9. ALL FINAL BIKE LANE SYMBOLS SHALL BE PREFORMED THERMOPLASTIC UNLESS OTHERWISE NOTED IN THE PLANS.
10. FOR ADDITIONAL DETAILS, SEE CITY OF CHICAGO TYPICAL PAVEMENT MARKINGS TC-24.
11. ALL MEDIAN NOSES SHALL HAVE YELLOW PAVEMENT MARKINGS.
12. THE STATION OR OFFSET FOR STOP BAR LOCATIONS IS GIVEN AT THE MIDDLE OF THE STOP BAR.
13. A MINIMUM DISTANCE OF 4 FEET SHALL BE MAINTAINED BETWEEN THE EDGE OF THE CROSSWALK AND THE EDGE OF THE STOP BAR CLOSEST TO IT UNLESS OTHERWISE NOTED IN THE PLANS.

LEGEND

PAVEMENT MARKING MATERIAL

- EPOXY PAVEMENT MARKING
- ◇ PAVEMENT MARKING TAPE, TYPE III
- THERMOPLASTIC PAVEMENT MARKING
- △ POLYUREA PAVEMENT MARKING TYPE I
- ⬡ PREFORMED THERMOPLASTIC PAVEMENT MARKING

PAVEMENT MARKING TYPE

- A - LETTERS AND SYMBOLS (WHITE)
- B - 4" YELLOW LINE
- C - 4" DOUBLE YELLOW CENTERLINE
- D - 4" WHITE LINE (6' DASH, 18' SKIP)
- E - 6" WHITE LINE
- F - 6" WHITE LINE (2' DASH, 6' SKIP)
- G - 6" WHITE LINE (3' DASH, 9' SKIP)
- H - 6" WHITE LINE (45° DIAGONALS) 20' C-C
- I - 12" YELLOW LINE (45 DEGREE DIAGONAL)
- L - 12" WHITE LINE (2' DASH, 2' SKIP)
- J - 24" WHITE STOP BAR
- K - 24" WHITE CROSSWALK, 6' WIDTH 4' C-C
- M - 24" WHITE CROSSWALK, 8' WIDTH 4' C-C

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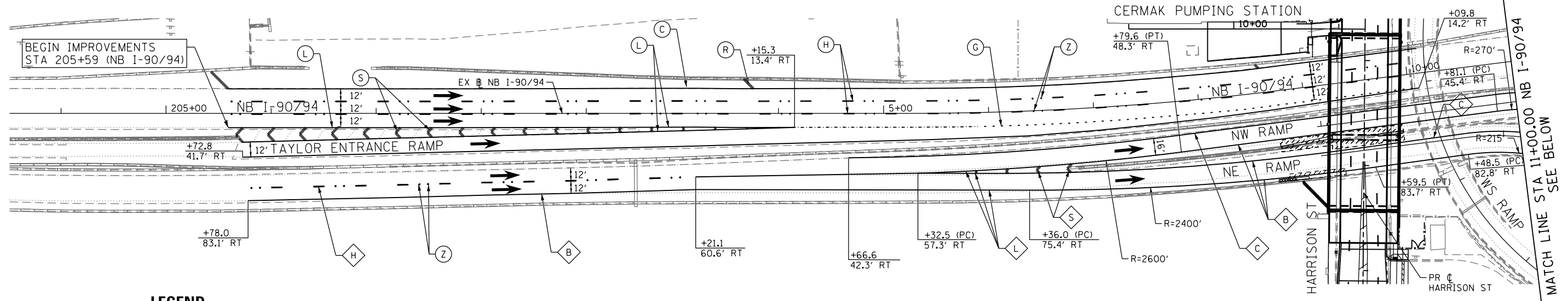
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CHECKED - DBM	REVISED -
DATE - 02/19/14	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
 HARRISON STREET**

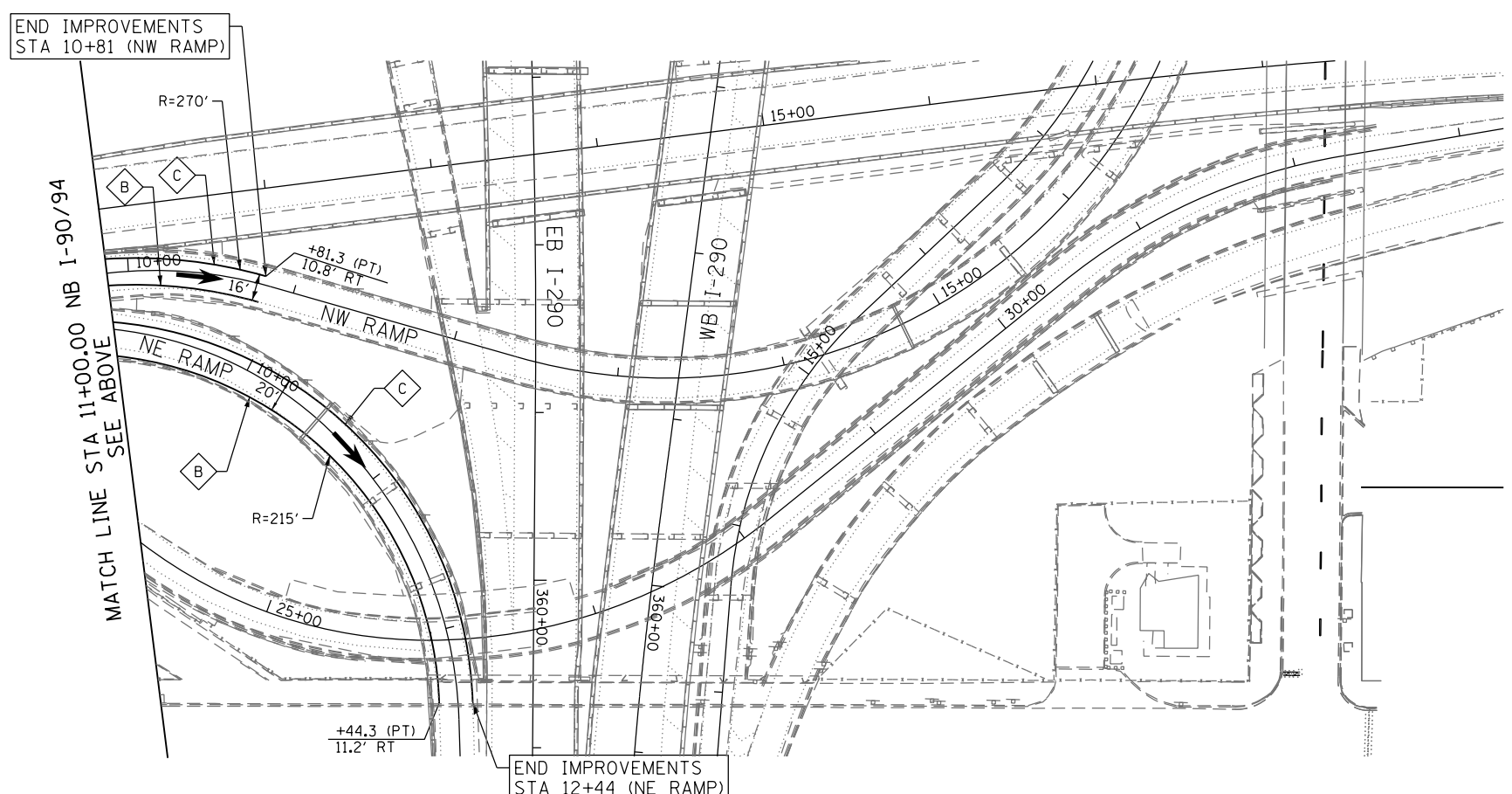
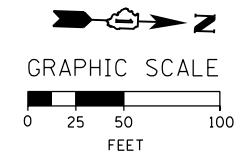
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	67
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				



LEGEND

PAVEMENT MARKING MATERIAL		PAVEMENT MARKING TYPE	
○	EPOXY PAVEMENT MARKING	A - LETTERS AND SYMBOLS (WHITE)	L - 8" WHITE EDGE LINE
◇	PAVEMENT MARKING TAPE, TYPE III	B - 4" WHITE EDGE LINE	M - 12" WHITE (2' DASH, 2' SKIP)
□	THERMOPLASTIC PAVEMENT MARKING	C - 4" YELLOW LINE	N - 12" WHITE 45° DIAGONALS SPACED @ 20' CENTERS
△	POLYUREA PAVEMENT MARKING TYPE I	D - 4" DOUBLE YELLOW CENTERLINE	O - 12" WHITE 45° DIAGONALS SPACED @ 30' CENTERS
		E - 4" WHITE (6' DASH, 18' SKIP)	P - 12" WHITE 45° DIAGONALS SPACED @ 500' CENTERS
		F - 4" YELLOW (6' DASH, 18' SKIP)	Q - 12" YELLOW 45° DIAGONALS SPACED @ 50' CENTERS
		G - 4" WHITE (2' DASH, 6' SKIP)	R - 12" YELLOW 45° DIAGONALS SPACED @ 500' CENTERS
		H - 5" WHITE (10' DASH, 30' SKIP)	S - 12" WHITE CHEVRONS SPACED @ 30' CENTERS
		I - 6" WHITE SOLID LINE	T - 24" WHITE STOP BAR
		J - 6" WHITE (2' DASH, 6' SKIP)	U - 24" WHITE CROSSWALK, 6' WIDTH, SPACED @ 4' CENTERS
		K - 6" WHITE 45° DIAGONALS SPACED @ 20' CENTERS	Y - RAISED REFLECTIVE PAVEMENT MARKER (1-WAY YELLOW / OPAQUE)
			Z - RAISED REFLECTIVE PAVEMENT MARKER (1-WAY CRYSTAL / OPAQUE)



PAVEMENT MARKING NOTES

1. ALL FINAL PAVEMENT MARKING MATERIALS PLACED ON PCC PAVEMENT SHALL BE POLYUREA TYPE I EXCEPT WHERE NOTED IN THE PLANS.
2. ALL FINAL PAVEMENT MARKING MATERIALS PLACED ON BITUMINOUS PAVEMENT SHALL BE THERMOPLASTIC EXCEPT WHERE NOTED IN THE PLANS.
3. ALL FINAL PAVEMENT MARKING SYMBOLS SHALL BE OF SMALL SIZE.
4. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE OF THE IMPROVEMENT LIMITS SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
5. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RECORD AND RETAIN ALL EXISTING PAVEMENT MARKINGS AND MARKERS FOR FUTURE REFERENCE. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE DIRECTED BY THE ENGINEER.
6. THE RESIDENT ENGINEER SHALL CONTACT EXPRESSWAY TRAFFIC CONTROL SUPERVISOR AT 847-705-4155 AND ARTERIAL TRAFFIC CONTROL SUPERVISOR AT 847-705-4470 A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
7. SEE PAVEMENT MARKING DETAIL SHEETS FOR ADDITIONAL INFORMATION.

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D160W71-Sht-PMK-ML-01.dgn
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 PLOT SCALE = 100.0000' / 1"
 PLOT DATE = 2/19/2014

DESIGNED - OPS	REVISED -
DRAWN - OPS	REVISED -
CHECKED - DBM	REVISED -
DATE - 02/19/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLANS
INTERSTATE AND RAMPS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	68
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

SIGNING SCHEDULE

LOCATION	SIGN NO.	LEGEND / DESCRIPTION	CODE	ACTION	LOCATION (STATION / OFFSET) HARRISON STREET STATIONING		EXISTING PANEL DIMENSIONS		PROPOSED PANEL DIMENSIONS		NUMBER OF POSTS	REMOVE SIGN PANEL - TYPE 1 (SO FT)	REMOVE SIGN PANEL ASSEMBLY - TYPE A (EACH)	SIGN PANEL - TYPE 1 (SO FT)	SIGN PANEL - TYPE 3 (SPECIAL) (SO FT)	TELESCOPING STEEL SIGN SUPPORT (FT)	METAL POST - TYPE B (FT)		
					EXISTING	PROPOSED	WIDTH (FT)	HEIGHT (FT)	WIDTH (FT)	HEIGHT (FT)									
HARRISON STREET	-	STOP SIGN (ASSEMBLY)	R1-1	REMOVE SIGN AND POST	7814+31.2	LT	-	-	2.5	2.5	-	-	1	-	1	-	-	-	
	-	NO PARKING	R7-201-4	REMOVE SIGN	7811+79.1	LT	-	-	1.5	1.5	-	-	-	2.25	-	-	-	-	
	-	NO PARKING	R7-201-4	REMOVE SIGN	7811+79.1	LT	-	-	1.5	1.5	-	-	-	2.25	-	-	-	-	
	-	NO PARKING	R7-201-4	REMOVE SIGN	7811+82.2	RT	-	-	1.5	1.5	-	-	-	2.25	-	-	-	-	
	-	NO PARKING	R7-201-4	REMOVE SIGN	7811+82.2	RT	-	-	1.5	1.5	-	-	-	2.25	-	-	-	-	
	-	CTA BUS, NO PARKING	R7-201-1/3	REMOVE SIGN	7813+64.9	LT	-	-	1.5	1.5	-	-	-	2.25	-	-	-	-	
	-	CTA BUS, NO PARKING	R7-201-1/3	REMOVE SIGN	7813+64.9	LT	-	-	1.5	1.5	-	-	-	2.25	-	-	-	-	
	-	CTA BUS, NO PARKING	R7-201-1/3	REMOVE SIGN	7813+82.7	RT	-	-	1.5	1.5	-	-	-	2.25	-	-	-	-	
	-	CTA BUS, NO PARKING	R7-201-1/3	REMOVE SIGN	7813+82.7	RT	-	-	1.5	1.5	-	-	-	2.25	-	-	-	-	
	EB-001-TS	STOP SIGN	R1-1	REPLACE SIGN AND POST	-	-	7811+78.9	37' RT	-	-	2.50	2.50	1	-	-	6.25	-	15.00	-
	EB-002-LP	NO PARKING	R7-201-4	REPLACE SIGN	-	-	7811+82.3	33.2' RT	-	-	1.50	1.50	-	-	-	2.25	-	-	-
	EB-002-LP	NO PARKING	R7-201-4	REMOVE AND REPLACE SIGN	-	-	7811+82.3	33.2' RT	-	-	1.50	1.50	-	-	-	2.25	-	-	-
	EB-003-LP	CTA BUS, NO PARKING	R7-207-1/3	REMOVE AND REPLACE SIGN	-	-	7813+82.8	26' RT	-	-	1.50	1.50	-	-	-	2.25	-	-	-
	EB-003-LP	CTA BUS, NO PARKING	R7-207-1/3	REMOVE AND REPLACE SIGN	-	-	7813+82.8	26' RT	-	-	1.50	1.50	-	-	-	2.25	-	-	-
	WB-001-ST	STOP SIGN	R1-1	REPLACE SIGN AND POST	-	-	7814+31.9	27' LT	-	-	2.50	2.50	1	-	-	6.25	-	-	14.00
	WB-002-LP	NO PARKING	R7-201-4	REMOVE AND REPLACE SIGN	-	-	7813+64.8	26' LT	-	-	1.50	1.50	-	-	-	2.25	-	-	-
	WB-002-LP	NO PARKING	R7-201-4	REMOVE AND REPLACE SIGN	-	-	7813+64.8	26' LT	-	-	1.50	1.50	-	-	-	2.25	-	-	-
	WB-003-LP	NO PARKING	R7-201-4	REMOVE AND REPLACE SIGN	-	-	7811+82.3	33.6' RT	-	-	1.50	1.50	-	-	-	2.25	-	-	-
WB-003-LP	NO PARKING	R7-201-4	REMOVE AND REPLACE SIGN	-	-	7811+82.3	33.6' RT	-	-	1.50	1.50	-	-	-	2.25	-	-	-	
I-90/94 NORTHBOUND	-	LOW CLEARANCE 13' -8" NEXT 1 MILE	OVERHEAD	REMOVE AS PART OF REMOVAL OF EXISTING STRUCTURES	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NB-01-BM	LOW CLEARANCE 13' -8" NEXT 1 MILE	OVERHEAD	REPLACE SIGN	-	-	7812+30.	RT	-	-	8.50	5.00	-	-	-	-	42.50	-	-
(ROUNDED) TOTAL												18	1	31	43	15	14		

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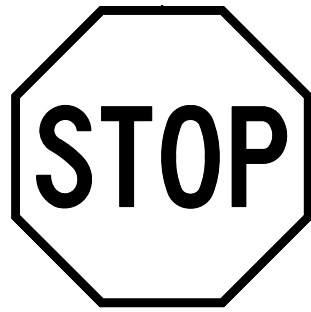
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIGNING SCHEDULE

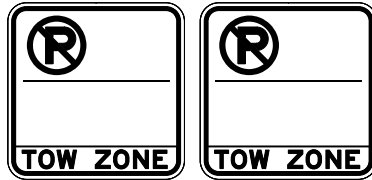
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	69
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				



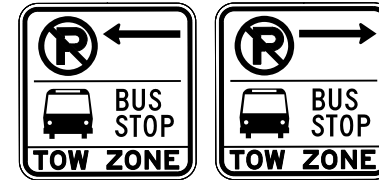
R1-1
REFLECTIVE: YES
MOUNT: CENTER
(30"x30")

EB-001-TS
WB-001-ST



R7-201-4
SEE NOTE 1
DOUBLE SIDED
REFLECTIVE: NO
MOUNT: FLAG
(18"x18")

EB-002-LP
WB-002-LP
WB-003-LP



R7-207-1/3
SEE NOTE 1
DOUBLE SIDED
REFLECTIVE: NO
MOUNT: FLAG
(18"x18")

EB-003-LP

**SIGN NUMBERING CODE
EXAMPLE**

DIRECTION OF TRAFFIC	NB-03-LP	MOUNTING TYPE
NB - NORTHBOUND HALSTED STREET		ST - STEEL POST
SB - SOUTHBOUND HALSTED STREET		TS - TELESCOPING STEEL
WB - WESTBOUND HARRISON STREET		LP - LIGHT POLE BANDING
EB - EASTBOUND HARRISON STREET		SP - SIGNAL POLE BANDING
SW - SOUTHWEST RAMP		SA - SIGNAL POLE MAST ARM
ES - EASTSOUTH RAMP		BM - BRIDGE MOUNTED
NW - NORTHWEST RAMP		PP - PEDESTRIAN PUSH BUTTON
IKE - EISENHOWER EXPY		BS - BREAKAWAY STEEL
SIGN PANEL NUMBER		WP - WOOD POST
		OH - OVERHEAD
		TM - TRUSS SUPPORT MOUNTED

NOTES:

- FOR CDOT SIGN PANEL DETAILS SEE THE MOST CURRENT EDITION OF "THE FIELD MANUAL FOR SIGN INSTALLATION GUIDE" AND "SIGN FABRICATION AND INSTALLATIONS" MANUALS.

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PLOT DATE = 12/19/2013	DATE - 12/20/13	REVISED -

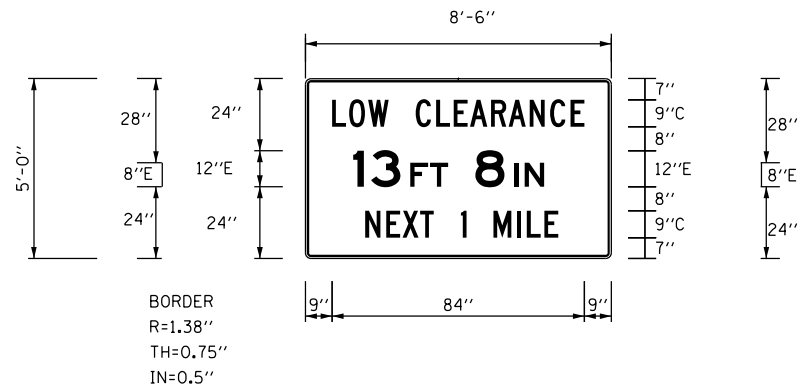
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
SIGN PANEL DETAILS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	70
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

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SIGN NUMBER	NB-01-BM
WIDTH x HGHT.	8'-6" x 5'-0"
BORDER WIDTH	0.75"
CORNER RADIUS	1.38"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ Retro-Reflective Sheeting
	COLOR: Yellow
LEGEND/BORDER	TYPE: Reflective
	COLOR: Black/Black

SYMBOL	ROT	X	Y	WID	HT

Dimensions are in inches.tenths

Letter locations are paneledge to lower left corner

LETTER POSITIONS (X)													LENGTH	SERIES/SIZE												
L	O	W		C	L	E	A	R	A	N	C	E									C 2000					
8.9	14.6	21	27.8	36.8	43.6	49.5	54.9	61.9	67.8	74.8	81.6	88.5									84.2	9				
1	3																						E 2000			
15.9	21.9																						15.7	12		
F	T																							E 2000		
34.9	41.6																							12.6	8	
8																									E 2000	
56.7																								9.7	12	
I	N																								E 2000	
69.6	73.2																								10	8
N	E	X	T		1		M	I	L	E															C 2000	
20	27	32.4	38.2	42.8	51.8	53.7	62.7	70.6	73.9	79.7															64.4	9

NOTES:

1. SEE STRUCTURAL PLANS FOR SIGN PANEL PLACEMENT AND CONNECTION
2. TYPE ZZ PRISMATIC RETROREFLECTIVE SHEETING IS A NON-PARTICIPATING ITEM AND SHALL BE 100% STATE FUNDED.



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 PLOT DATE = 2/21/2014

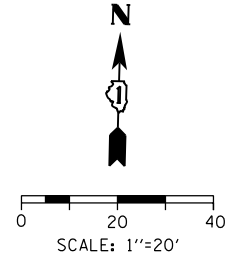
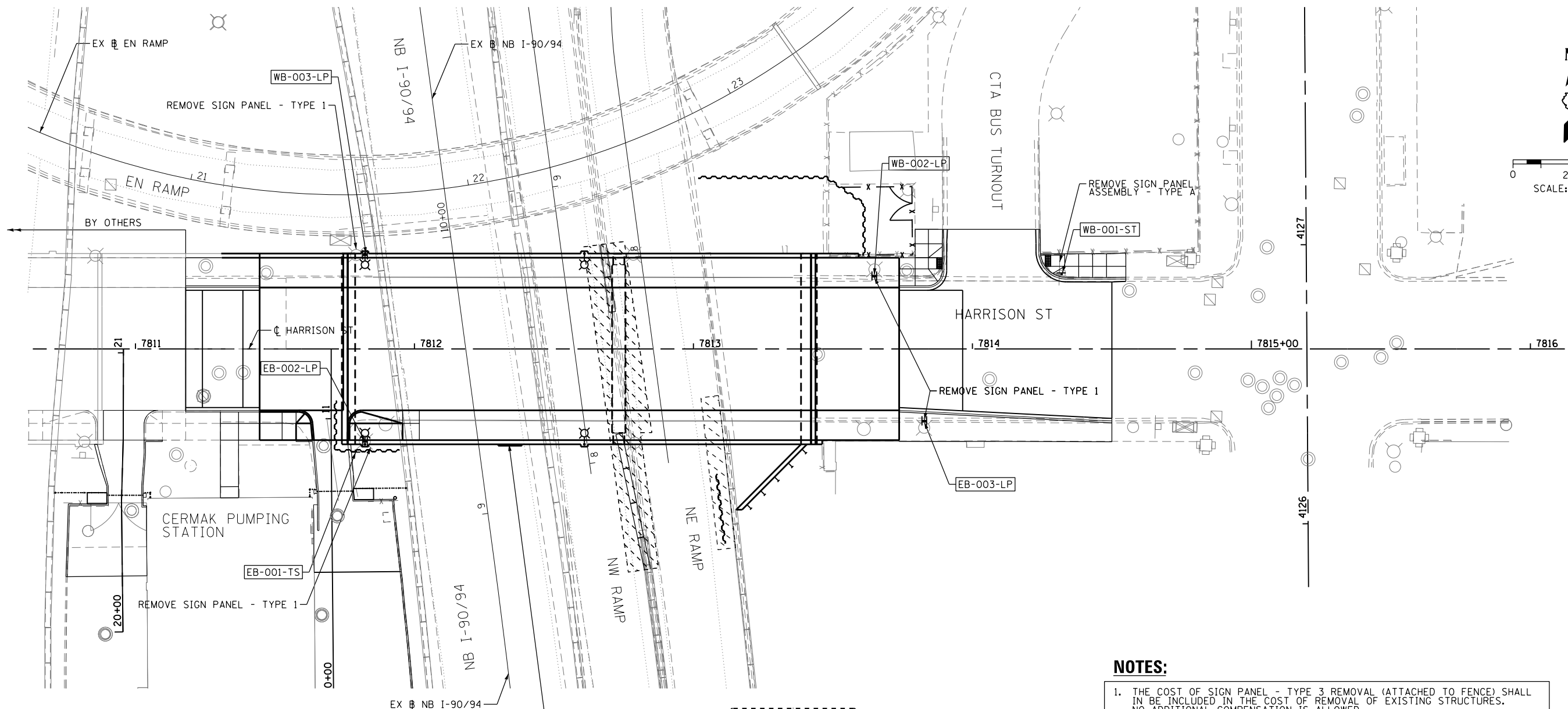
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CHECKED - DBM	REVISED -
DATE - 02/19/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
SIGN PANEL LAYOUT**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	71
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				



NOTES:

1. THE COST OF SIGN PANEL - TYPE 3 REMOVAL (ATTACHED TO FENCE) SHALL IN BE INCLUDED IN THE COST OF REMOVAL OF EXISTING STRUCTURES. NO ADDITIONAL COMPENSATION IS ALLOWED.
2. SEE SIGN PANEL LAYOUT FOR DETAILS AND STRUCTURAL PLANS FOR SIGN PANEL PLACEMENT AND CONNECTION DETAILS.

LOW CLEARANCE
13 FT 8 IN
NEXT 1 MILE

REMOVE SIGN PANEL - TYPE 3
(ATTACHED TO FENCE)
SEE NOTE 1

SIGN PANEL - TYPE 3 (SPECIAL)
(NB-01-BM)
SEE NOTE 2

LOW CLEARANCE
13 FT 8 IN
NEXT 1 MILE

SIGN NUMBERING CODE
EXAMPLE

DIRECTION OF TRAFFIC		MOUNTING TYPE
NB - NORTHBOUND HALSTED STREET	NB-03-LP	ST - STEEL POST
SB - SOUTHBOUND HALSTED STREET		TS - TELESCOPING STEEL
WB - WESTBOUND HARRISON STREET		LP - LIGHT POLE BANDING
EB - EASTBOUND HARRISON STREET		SP - SIGNAL POLE BANDING
SW - SOUTHWEST RAMP		SA - SIGNAL POLE MAST ARM
ES - EASTSOUTH RAMP		BM - BRIDGE MOUNTED
NW - NORTHWEST RAMP		PP - PEDESTRIAN PUSH BUTTON
IKE - EISENHOWER EXPY		BS - BREAKAWAY STEEL
		WP - WOOD POST
		OH - OVERHEAD
		TM - TRUSS SUPPORT MOUNTED

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PLOT DATE = 12/19/2013	DATE - 12/20/13	REVISED -

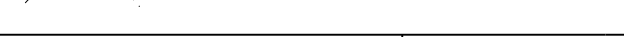
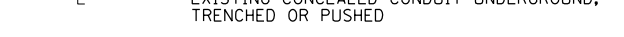
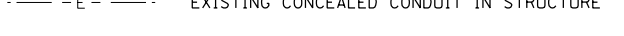
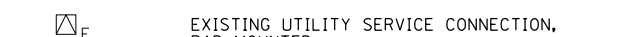
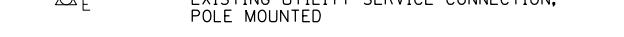
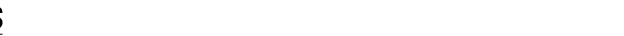
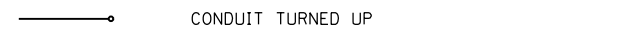
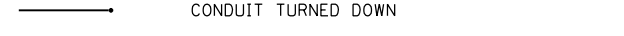
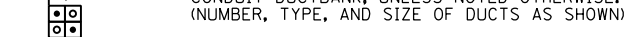
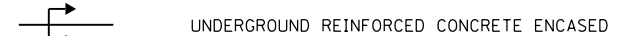
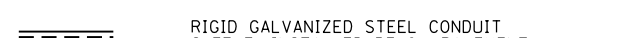
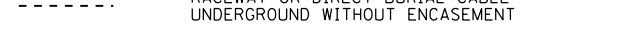
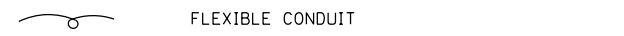
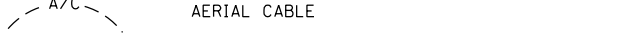
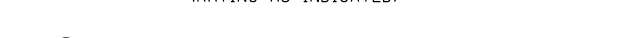
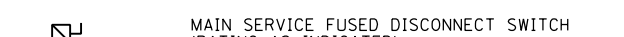
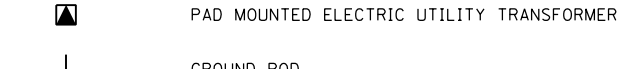
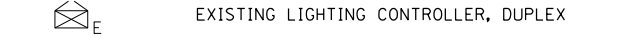
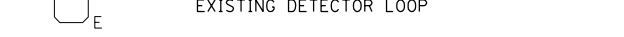
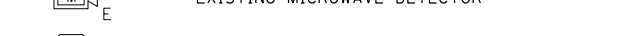
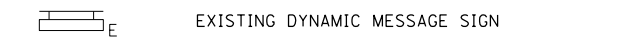
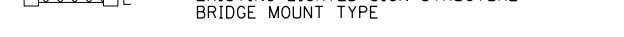
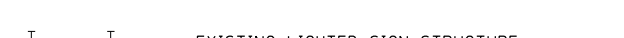
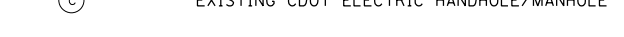
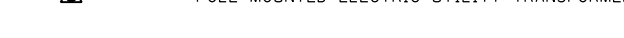
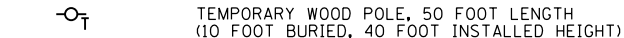
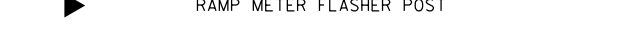
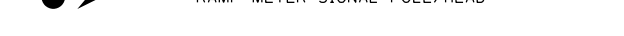
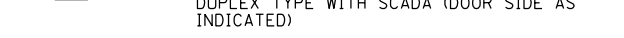
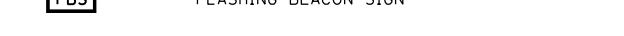
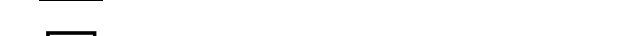
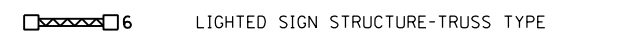
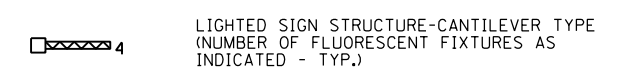
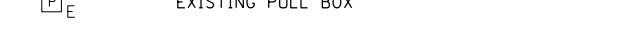
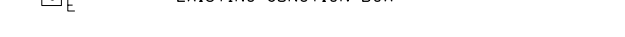
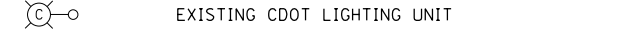
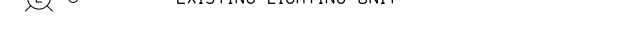
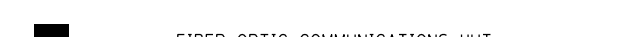
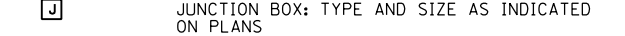
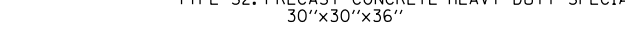
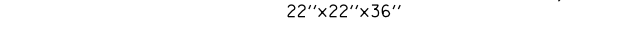
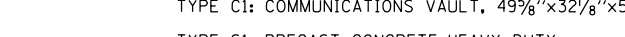
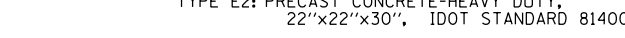
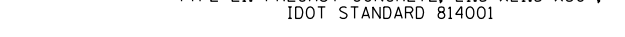
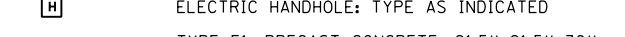
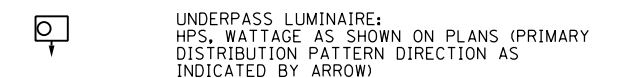
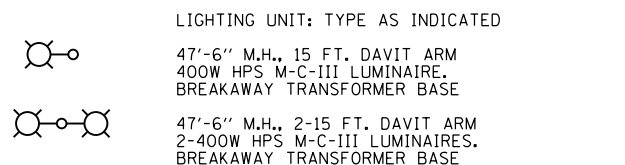
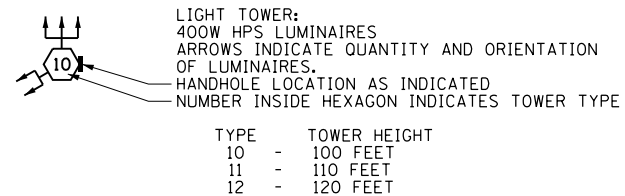
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
HARRISON STREET

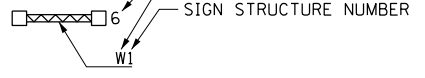
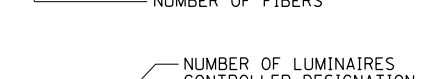
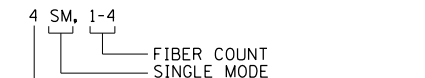
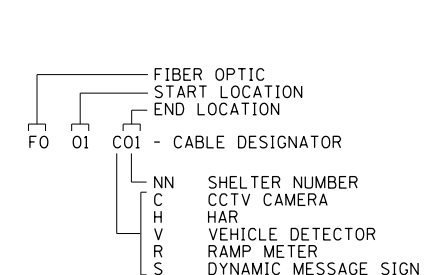
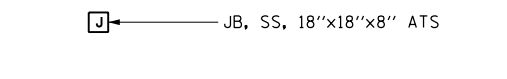
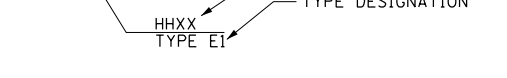
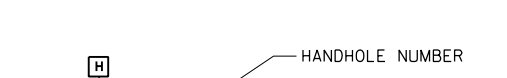
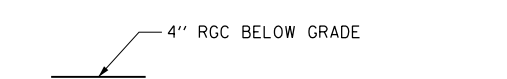
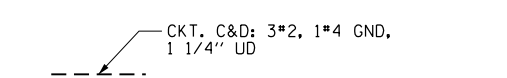
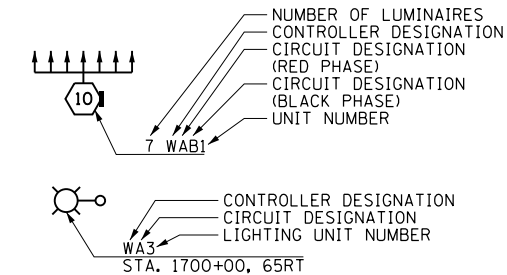
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	72
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

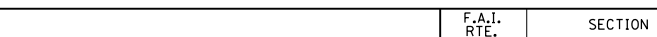
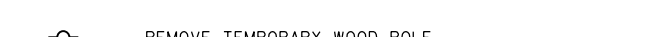
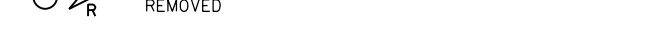
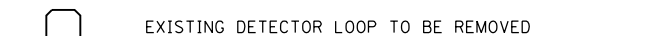
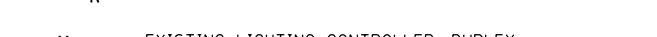
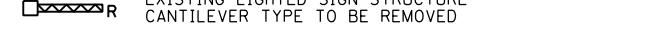
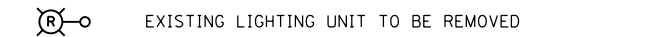
ELECTRICAL SYMBOLS FOR PROPOSED WORK



GENERAL ELECTRICAL CALLOUTS



TYPICAL EXISTING TO BE REMOVED SYMBOLS



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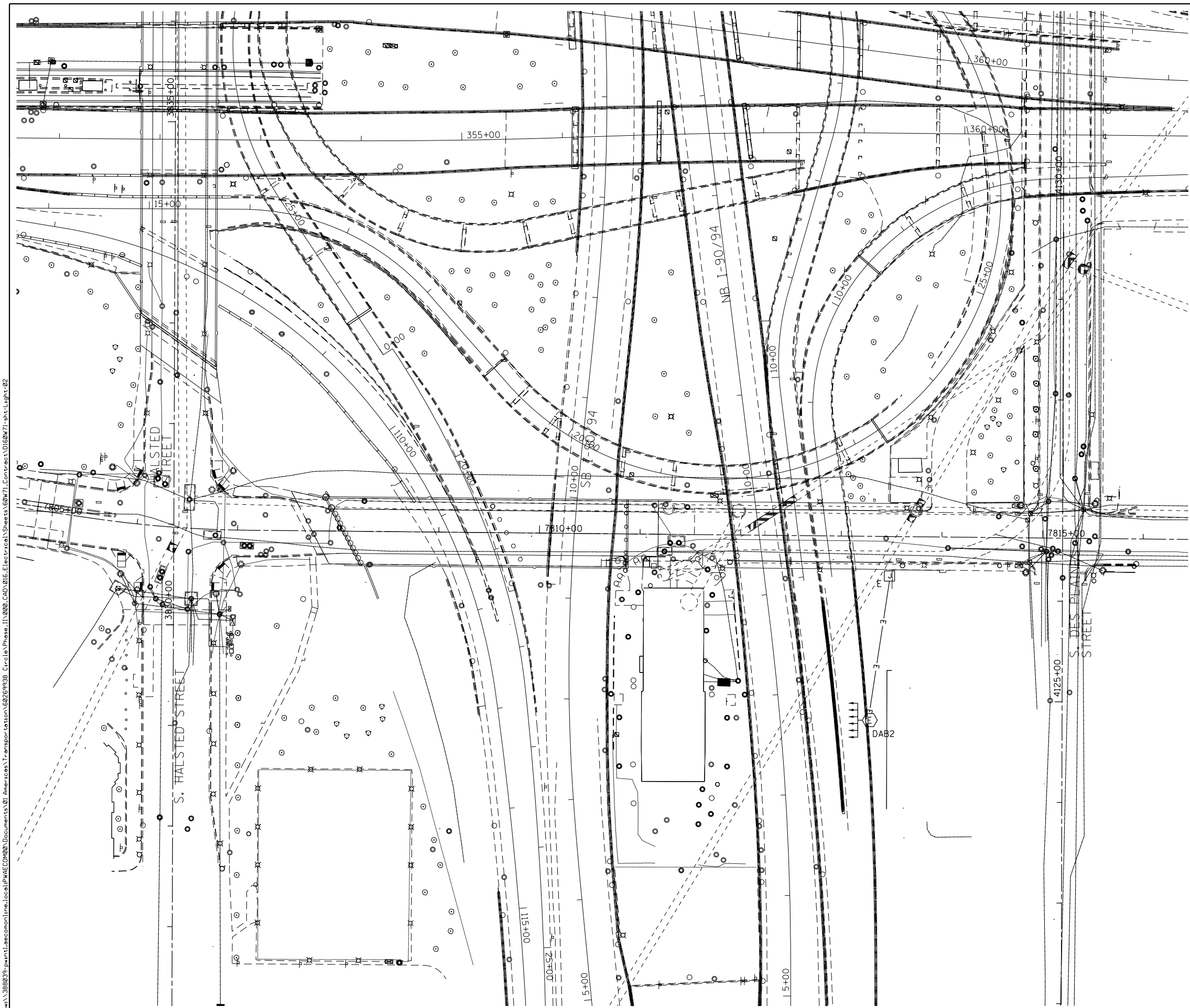
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PLOT SCALE = 1:0000' / 1"	CHECKED - WDS	REVISED -
PLOT DATE = 12/18/2013	DATE - 12/20/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

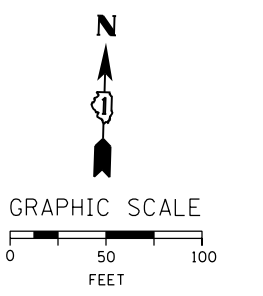
IDOT ELECTRICAL SYMBOLS

SCALE: N.T.S. SHEET 1 OF 19 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	73
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				



NOTES:
 1. SEE DRAWING E-01 FOR IDOT ELECTRICAL SYMBOLS.



E-02

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D160W71-sht-Light-02
 USER NAME = myersc
 PLOT SCALE = 50.0000' / 1" IN.
 PLOT DATE = 12/18/2013

DESIGNED - WDS	REVISED -
DRAWN - CAM	REVISED -
CHECKED - WDS	REVISED -
DATE - 12/20/13	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

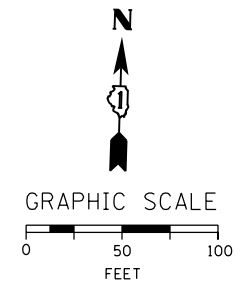
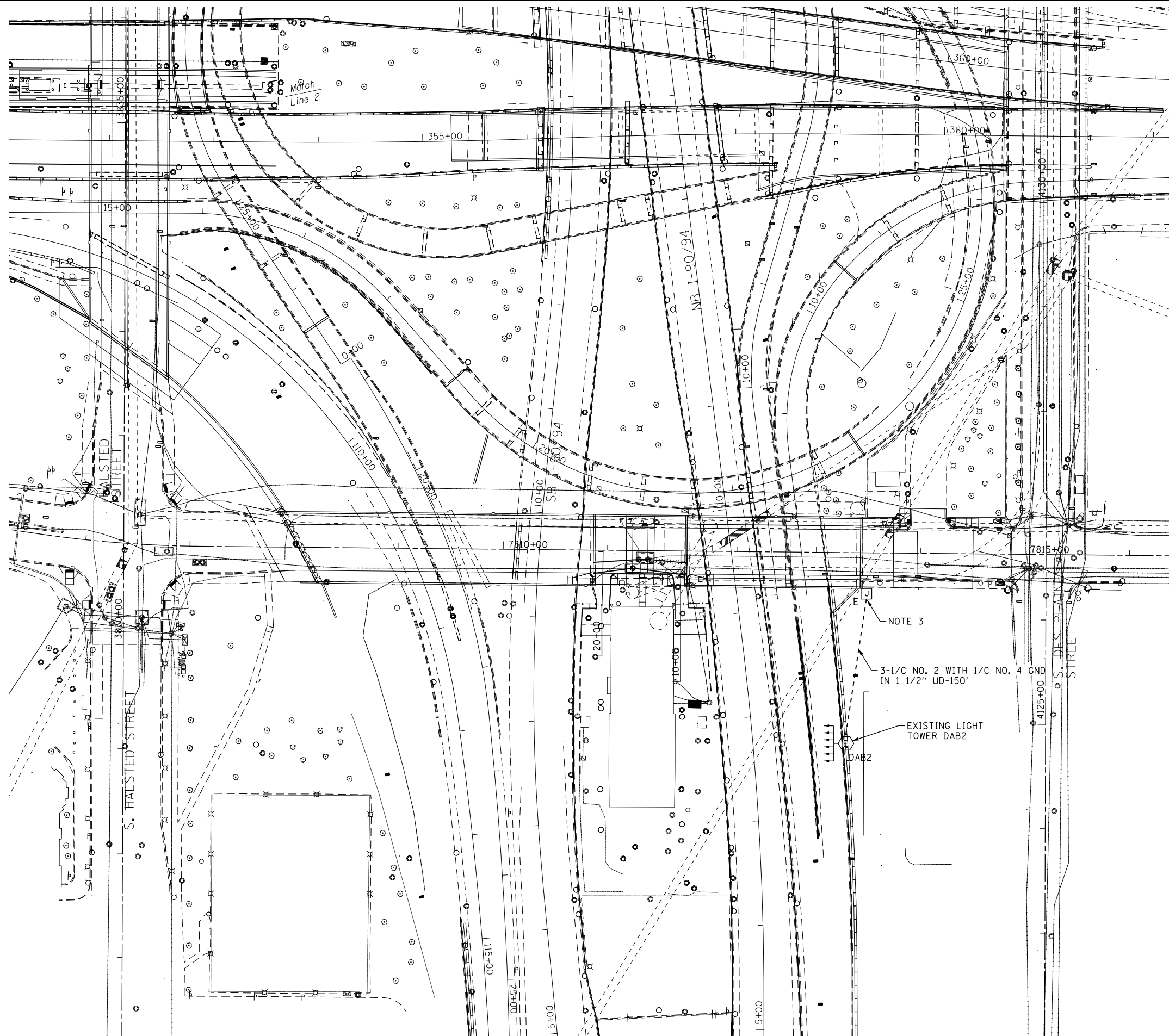
I-90/94 EXISTING/DEMOLITION
 LIGHTING PLAN

SCALE: 1"=50' SHEET 2 OF 19 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-036R	COUNTY COOK	TOTAL SHEETS 256	SHEET NO. 74
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

NOTES:

1. SEE DRAWING E-01 FOR IDOT ELECTRICAL SYMBOLS.
2. PROVIDE AN EMPTY CONDUIT RUN FOR FUTURE USE.
3. ROUTE THE CONDUIT RUN DOWN THE BRIDGE PIER AND TERMINATE BELOW GRADE WITH PVC ELBOW ENCASED IN NON-REINFORCED CONCRETE AS SHOWN ON IDOT STANDARD DRAWING BE-902. THE CONCRETE ENCASED CONDUIT TRANSITION SHALL BE INCLUDED IN THE COST OF THE GALVANIZED RIGID STEEL CONDUIT PAY ITEMS. SEE SHEET E-04 FOR CONTINUATION OF THE LIGHTING CIRCUIT.



E-03

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D160W71-sht-Light-03
 USER NAME = myersc
 PLOT SCALE = 50.0000' / 1" IN.
 PLOT DATE = 12/18/2013

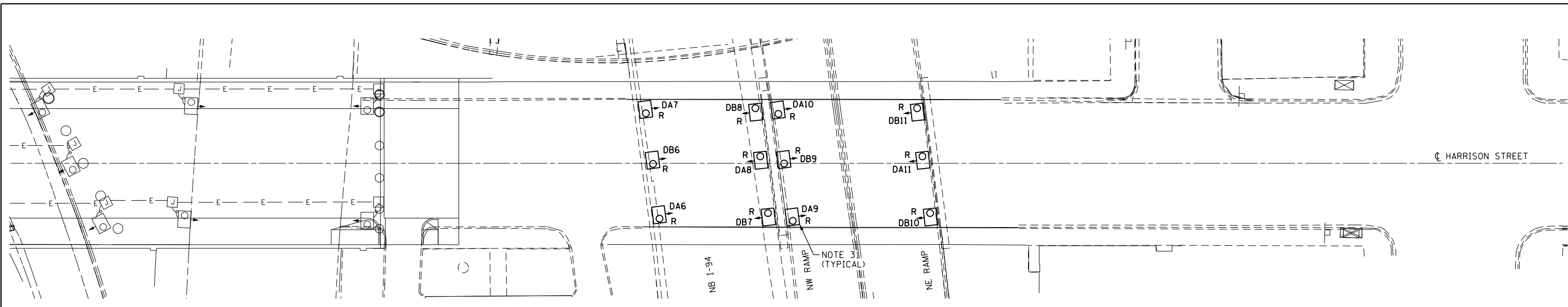
DESIGNED - WDS	REVISED -
DRAWN - CAM	REVISED -
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DATE - 12/20/13	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-90/94 PROPOSED LIGHTING PLAN

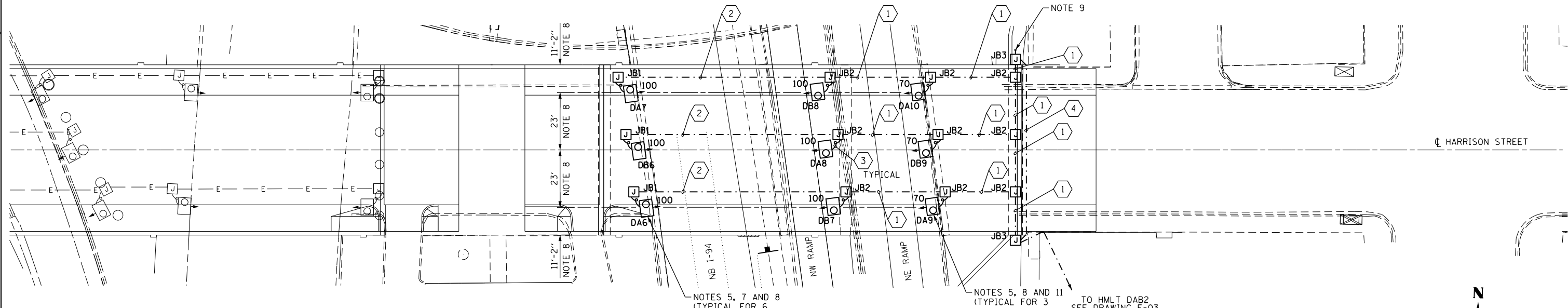
SCALE: 1"=50' SHEET 3 OF 19 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-036R	COUNTY COOK	TOTAL SHEETS 256	SHEET NO. 75
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				



EXISTING UNDERPASS LIGHTING PLAN

NOTE 2



PROPOSED UNDERPASS LIGHTING PLAN

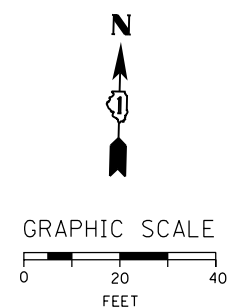
NOTES:

- SEE DRAWING E-01 FOR IDOT ELECTRICAL SYMBOLS AND ABBREVIATIONS.
- LOCATIONS OF EXISTING ELECTRICAL EQUIPMENT SHOWN ON THIS DRAWING ARE APPROXIMATIONS AND MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR.
- THE REMOVAL OF EXISTING UNDERPASS LUMINAIRES MUST INCLUDE THE REMOVAL OF ALL CABLES, CONDUIT, JUNCTION BOXES, AND HARDWARE ASSOCIATED WITH THE EXISTING UNDERPASS LIGHTING. COST FOR THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED AS PART OF THE "REMOVAL OF LIGHTING UNIT, SALVAGE" PAY ITEM.
- PROPOSED PIER/ABUTMENT WALL MOUNTED UNDERPASS LUMINAIRES. SEE IDOT STANDARD DRAWING BE-902 FOR PIER/ABUTMENT MOUNTED UNDERPASS LUMINAIRE INSTALLATION DETAILS.
- PROPOSED SUSPENDED MOUNT UNDERPASS LUMINAIRES. SEE IDOT STANDARD DRAWING BE-900 FOR ADDITIONAL INSTALLATION DETAILS.
- PROVIDE A TEMPORARY POWER CONNECTION FOR THE UNDERPASS LIGHTING SYSTEM FROM EXISTING LIGHT TOWER D-AB-2. ALLOW 200 FEET OF CABLES IN UNIT DUCT FROM THE JUNCTION BOX TO THE EXISTING LIGHT TOWER FOR BIDDING PURPOSES. SEE SHEET E-03 FOR LOCATION OF THE EXISTING LIGHT TOWER.
- SUSPENDED MOUNT UNDERPASS LUMINAIRE SETBACK FROM THE EDGE OF PAVEMENT SHALL BE 2 FEET, UNLESS NOTED OTHERWISE.
- DIMENSIONS SHOWN ARE APPROXIMATE, THE CONTRACTOR SHALL CENTER THE SUSPENDED MOUNT LUMINAIRES BETWEEN THE BRIDGE GIRDERS.
- STUB AND CAP 3" DIAMETER RIGID STEEL PVC COATED (PVCC) CONDUIT FOR FUTURE USE. SEE IDOT STANDARD DRAWING BE-902 FOR CONDUIT INSTALLATION DETAILS.
- ALL PROPOSED UNDERPASS LIGHTING UNITS SHOWN ON THIS DRAWING WILL BE FED FROM IDOT LIGHTING CONTROLLER "D".
- SUSPENDED MOUNT UNDERPASS LUMINAIRE SETBACK FROM THE EDGE OF PAVEMENT SHALL BE 5 FEET, UNLESS NOTED OTHERWISE.

- 70 WATT, HPS UNDERPASS LUMINAIRE WITH TYPE 4 DISTRIBUTION
- 100 WATT, HPS UNDERPASS LUMINAIRE WITH TYPE 4 DISTRIBUTION

JUNCTION BOX SCHEDULE		
NO.	SIZE	DESCRIPTION
JB1	6"X6"X4"	STAINLESS STEEL, ATTACHED TO STRUCTURE, UNDERPASS LIGHTING
JB2	12"X10"X6"	STAINLESS STEEL, ATTACHED TO STRUCTURE, UNDERPASS LIGHTING
JB3	18"X18"X6"	STAINLESS STEEL, ATTACHED TO STRUCTURE, UNDERPASS LIGHTING

CABLE / CONDUIT SCHEDULE	
NO.	DESCRIPTION
1	3-1/C*10, 1-1/C*10 GND IN 1" DIA PVCC RGC ATTACHED TO STRUCTURE (CKTS AS INDICATED ON THIS DRAWING)
2	2-1/C*10, 1-1/C*10 GND IN 1" DIA PVCC RGC ATTACHED TO STRUCTURE (CKTS AS INDICATED ON THIS DRAWING)
3	2-1/C*10, 1-1/C*10 GND IN 1" DIA LIQUID TIGHT FLEXIBLE CONDUIT (CKTS AS INDICATED ON THIS DRAWING)
4	3" DIA PVCC RGC ATTACHED TO STRUCTURE (EMPTY) FOR FUTURE USE



FILE PATH = p:\38893\part1\ecomonline\local\p\wec\000\Documents\01\americas\Transportation\66269938_Circle\Phase_1\000_CAD\016_Electrical\Sheets\60W71_Contract\0160W71_sht-Light-04



D160W71-sht-Light-04
 USER NAME = myersc
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 12/18/2013

DESIGNED - WDS
 DRAWN - CAM
 CHECKED - WDS
 DATE - 12/20/13

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

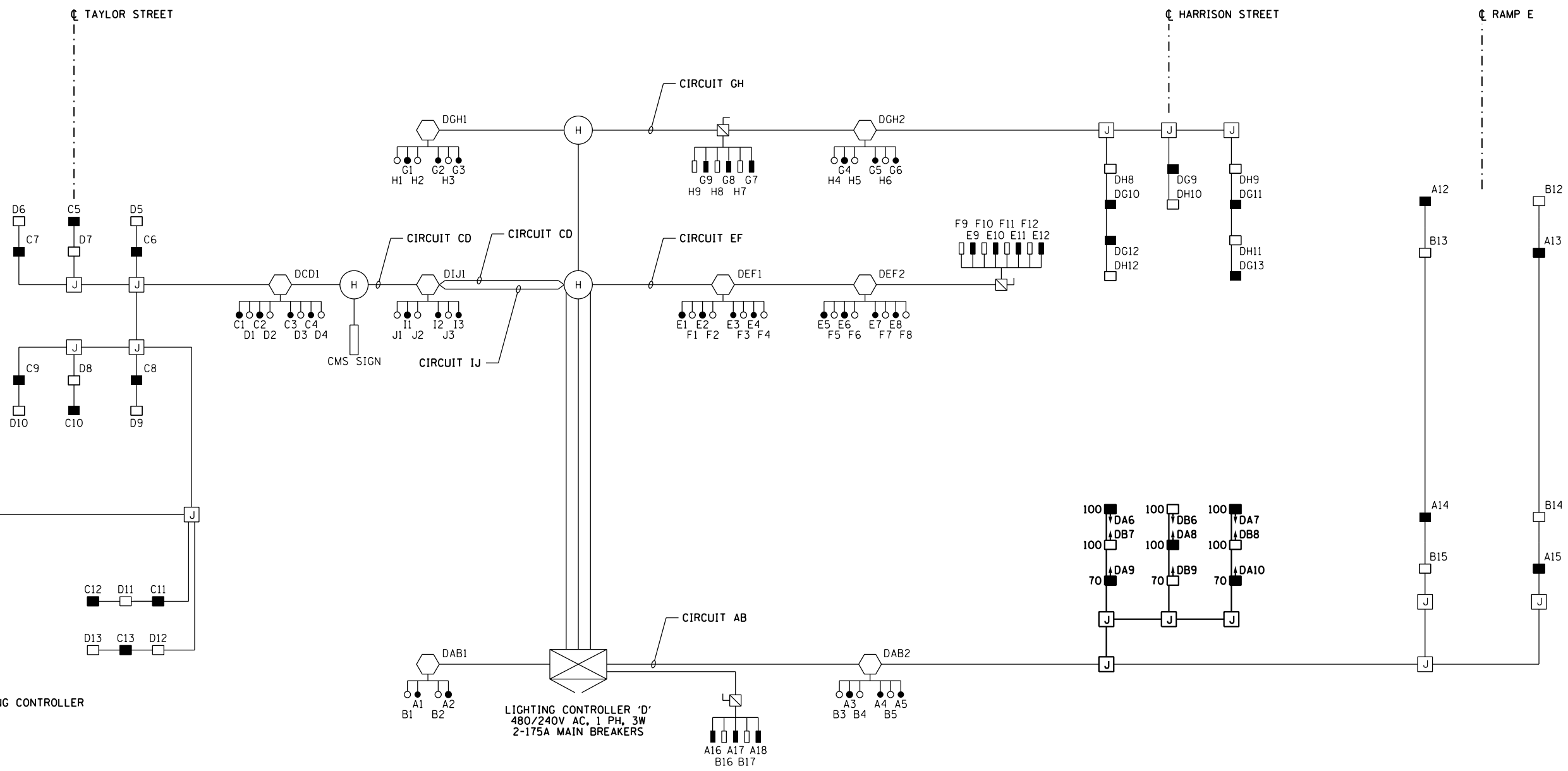
HARRISON STREET UNDERPASS LIGHTING PLAN

SCALE: 1"=20' SHEET 4 OF 19 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-036R	COUNTY COOK	TOTAL SHEETS 256	SHEET NO. 76
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

E-04

FILE PATH = p:\388035\pmt\l\ecom\line\local\p\AECD\000\Documents\01_Americas\Transportation\6269938_Circle\Phase_1\000_CDD\016_Electrical\Sheets\60W71_Contract\160W71-sht-Light-05



SYMBOLS LEGEND

- EXISTING IDOT LIGHTING CONTROLLER
- EXISTING HANDHOLE
- EXISTING JUNCTION BOX
- HANDHOLE
- EXISTING CMS SIGN
- EXISTING UNDERPASS LIGHTING UNIT
55 WATT HPS LUMINAIRE
(BLACK PHASE - SOLID SYMBOL
RED PHASE - OPEN SYMBOL)
- EXISTING HIGH MAST LIGHT TOWER
400 WATT HPS LUMINAIRE
(BLACK PHASE - SOLID SYMBOL
RED PHASE - OPEN SYMBOL)
- LIGHTED OVERHEAD SIGN STRUCTURE
WITH 170 WATT FLUORESCENT
LUMINAIRES, QUANTITY OF
LUMINAIRES AS REQUIRED
(BLACK PHASE - SOLID SYMBOL
RED PHASE - OPEN SYMBOL)
- PROPOSED UNDERPASS LIGHTING UNIT
70 OR 100 WATT HPS LUMINAIRE
(BLACK PHASE - SOLID SYMBOL
RED PHASE - OPEN SYMBOL)
- PROPOSED JUNCTION BOX

LOAD TABLE LIGHTING CONTROLLER "D"					
CIRCUIT	BLACK PHASE		CIRCUIT	RED PHASE	
	AMPS	WATTS		AMPS	WATTS
A	22.53	5,407.2	B	21.6	5,184
C	30.35	7,284	D	19.85	4,764
E	17.2	4,128	F	17.2	4,128
G	15.95	3,828	H	15.95	3,828
I	5.7	1,368	J	5.7	1,368
K	-	-	L	-	-
M	-	-	N	-	-
O	-	-	P	-	-
TOTAL	91.73	22,015.2	TOTAL	80.3	19,272



E-05



D160W71-sht-Light-05
 USER NAME = myersc
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 12/18/2013

DESIGNED - WDS
 DRAWN - CAM
 CHECKED - WDS
 DATE - 12/20/13

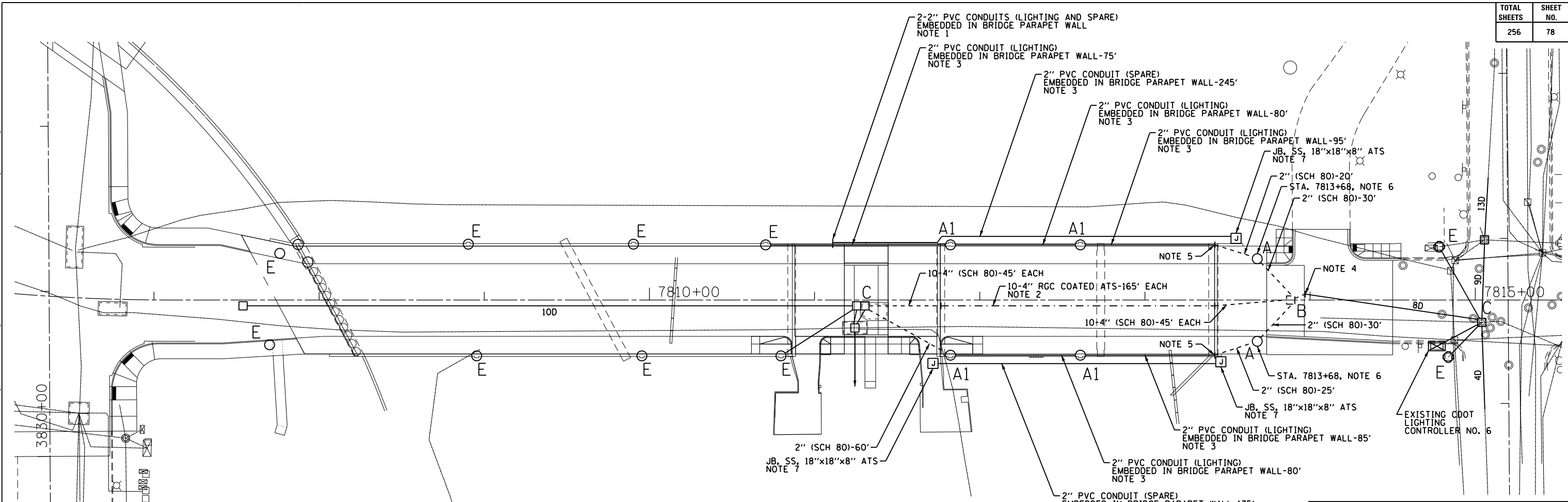
REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IDOT LIGHTING CONTROLLER 'D'
 WIRING DIAGRAM
 SCALE: N.T.S. SHEET 5 OF 19 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	77
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

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"A" PROVIDE 24"x7", 1-1/4" A.R., 15" B.C. FOUNDATION FOR LIGHT POLE, PER DWG. NOS. 818 AND 837.

"A1" LIGHT POLE FOUNDATION IS INTEGRAL TO THE BRIDGE STRUCTURE PARAPET WALL. SEE STRUCTURAL PLANS FOR DETAILS AND FINAL LOCATION OF FOUNDATION.

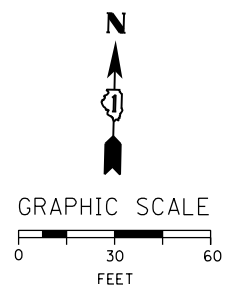
"B" PROVIDE 3'x4'x4' CONCRETE MANHOLE PER DWG. NO. 729 WITH 30" FRAME AND COVER PER DWG. NO. 874.

"C" DRILL EXISTING MANHOLE/HANDHOLE.

"E" EXISTING TO REMAIN.

NOTES:

- INTERCEPT EXISTING LIGHTING AND SPARE CONDUITS EMBEDDED IN PARAPET WALL AND CONNECT TO NEW LIGHTING CONDUIT.
- PROVIDE TEN 4-INCH RIGID GALVANIZED STEEL PVC COATED CONDUITS ATTACHED TO STRUCTURE. THE CONDUITS SHALL BE MOUNTED UNDER THE BRIDGE DECK. SEE STRUCTURAL PLANS FOR LOCATION OF CONDUITS.
- PROVIDE TWO 2-INCH SCHEDULE 40 PVC CONDUITS IN BOTH BRIDGE PARAPET WALLS; ONE FOR THE LIGHTING CIRCUITS AND ONE SPARE FOR IDOT. SEE STRUCTURAL PLANS FOR LOCATION OF CONDUITS.
- INTERCEPT EXISTING CITY CONDUITS (8 DUCT) AND CONNECT TO NEW CONDUITS ROUTED TO PROPOSED MANHOLE.
- SEE EMBEDDED BRIDGE CONDUIT DETAIL-A ON DRAWING NO. E-11 FOR CONDUIT EXITING PARAPET WALL INSTALLATION DETAILS.
- INSTALL LIGHT POLE FOUNDATION IN THE SIDEWALK 3 FEET FROM FACE OF CURB TO CENTER OF FOUNDATION.
- SEE EMBEDDED BRIDGE CONDUIT DETAIL-B ON DRAWING NO. E-11 FOR CONDUIT EXITING PARAPET WALL INSTALLATION DETAILS.



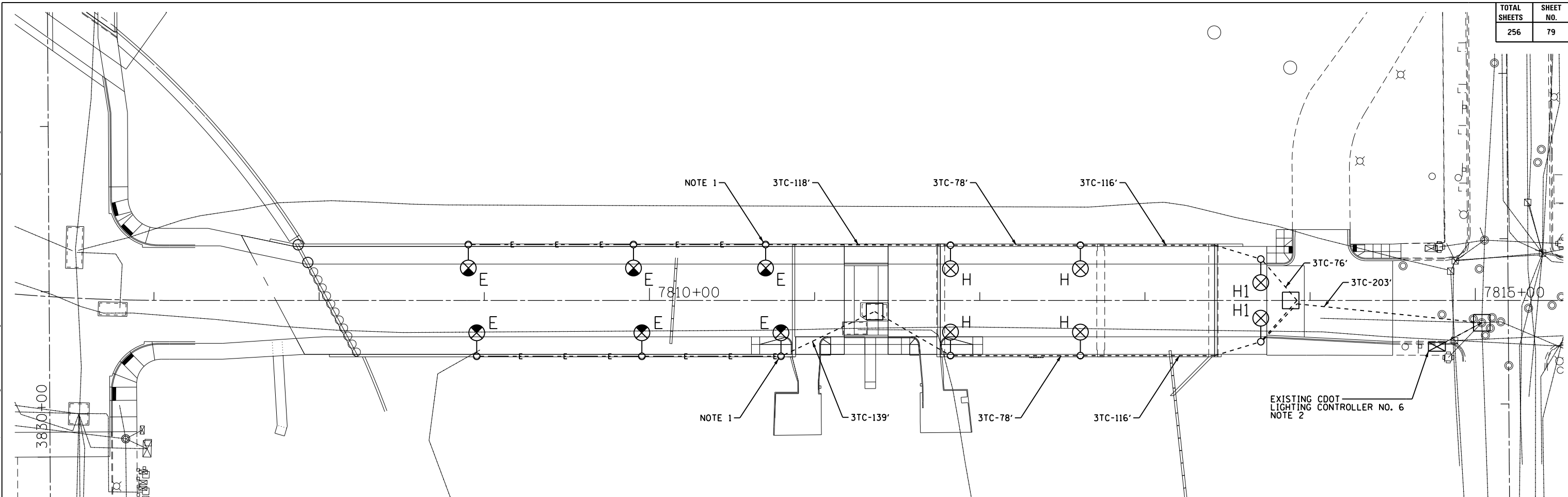
FOR LIGHTING CABLE AND EQUIPMENT INSTALLATION PLANS SEE DRAWING NO. E-07.

FOR LIGHTING REMOVAL PLANS SEE DRAWING NO. E-08.

DATE	REVISION
CITY OF CHICAGO	
DEPARTMENT OF TRANSPORTATION DIVISION OF ENGINEERING	
AECOM	
WORK ORDER NO. _____	DATE _____
COST ALLOCATION ACCOUNT _____	
APPROPRIATION ACCOUNT _____	MATERIAL _____ LABOR _____
EAST HARRISON STREET LIGHTING CONDUIT AND FOUNDATION PLAN	
CITY OF CHICAGO DEPT. OF TRANSPORTATION DIVISION OF ELECTRICAL OPERATIONS	
DRAFTSMAN: CAM	ENGINEER: WDS
SUPERVISING ENGINEER: WDS	ELEC. DESIGN ENGR. WDS
ENGINEER OF ELECTRICITY:	
GEN'L SUPT. OF ELECTRICITY:	
DEPUTY COMMISSIONER:	
SIZE: 22" 34"	SCALE: 1" = 30'
DATE: 12/20/13	DATE: 12/06/13
C.D.O.T. PROJECT NO.:	DWG. NO.:
6 OF 19	

E-06

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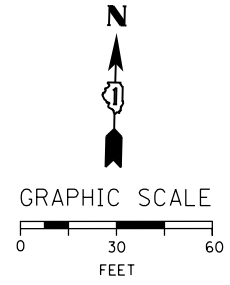


NEW 9,018 WATTS
 OLD 9,018 WATTS
 ATLAS NO. 0-24
 GROUP NO. 6
 (6) 480 WATT @ 240V
 (18) 341 WATT @ 240V

NOTES:

1. SPLICE NEW CABLES TO EXISTING LIGHTING CIRCUITS LOCATED IN EXISTING POLE.
2. ALL LIGHTING UNITS SHOWN ON THIS DRAWING SHALL BE FED FROM EXISTING CDOT LIGHTING CONTROLLER GROUP NO. 6 LOCATED ON THE SW CORNER OF HALSTED AND DES PLAINES.

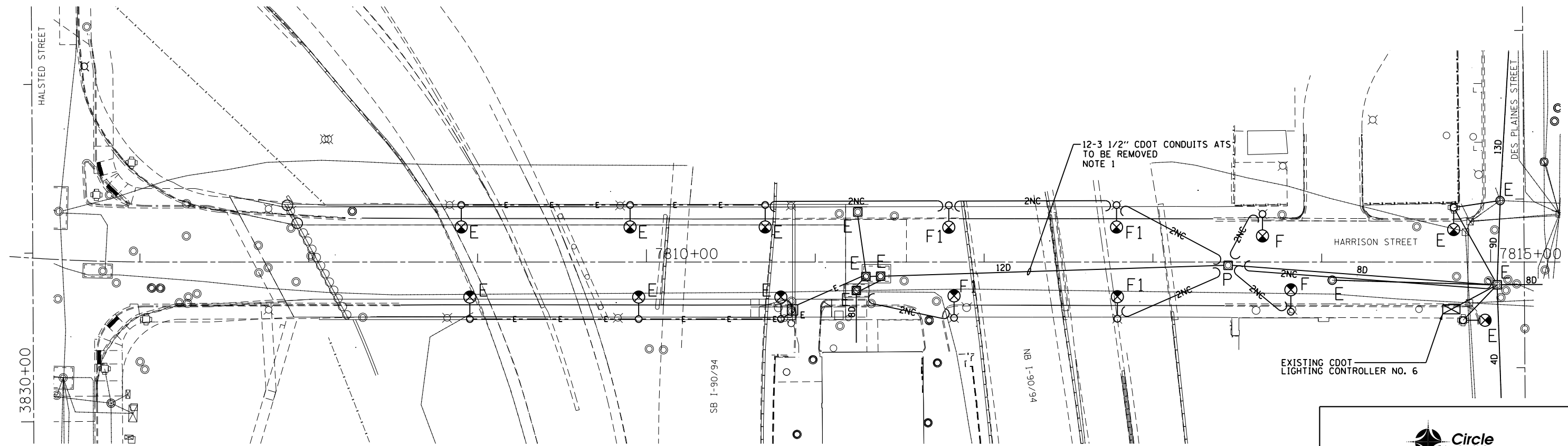
"E" EXISTING TO REMAIN
 "H" INSTALL CDOT FURNISHED STEEL POLE, LUMINAIRE AND MAST ARM PER DRAWING NOS. 620, 762 AND 837.
 "H1" INSTALL CDOT FURNISHED STEEL POLE, LUMINAIRE, MAST ARM AND BALLAST HOUSING PER DRAWING NOS. 620, 808 AND 875.



FOR CONDUIT AND FOUNDATION PLANS SEE DRAWING NO. E-06.
 FOR LIGHTING REMOVAL PLANS SEE DRAWING NO. E-08.

CITY OF CHICAGO DEPT. OF TRANSPORTATION DIVISION OF ENGINEERING		
AECOM		
WORK ORDER NO. _____	DATE _____	
COST ALLOCATION ACCOUNT _____		
APPROPRIATION ACCOUNT _____	MATERIAL _____ LABOR _____	
EAST HARRISON STREET LIGHTING CABLE AND EQUIPMENT INSTALLATION PLAN		
CITY OF CHICAGO DEPT. OF TRANSPORTATION DIVISION OF ELECTRICAL OPERATIONS		
DRAFTSMAN: CAM	CHIEF DRAFTSMAN: WDS	ENGINEER: WDS
SUPERVISING ENGINEER/ELEC. DESIGN ENGR. WDS		E-07
ENGINEER OF ELECTRICITY:		
GEN'L SUPT. OF ELECTRICITY:		
DEPUTY COMMISSIONER:		
SIZE: 22" 34"	SCALE: 1" = 30'	DATE: 12/06/13
DATE: 12/20/13		DWG. NO.: 7 OF 19
C.D.O.T. PROJECT NO.:		

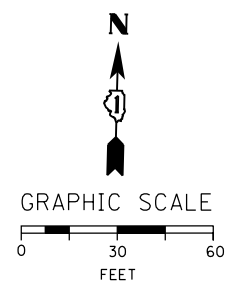
2/13/2014 10:46:05 AM c:\pwworking\acem00\myer.sc\d0257059\DIGOW71-sht-Light-08.dgn



- "E" EXISTING TO REMAIN
- "F" REMOVE AND SALVAGE EXISTING STEEL POLE, LUMINAIRE AND MAST ARM. BREAKDOWN CONCRETE FOUNDATION COMPLETE.
- "F1" REMOVE AND SALVAGE EXISTING STEEL POLE, LUMINAIRE AND MAST ARM.
- "G" REMOVE LUMINAIRE AND MAST ARM, ANCHOR BASE STEEL POLE AND CONCRETE FOUNDATION TO BE REMOVED WITH TRAFFIC SIGNAL WORK.
- "P" REMOVE EXISTING MANHOLE COMPLETE

NOTES:

1. THE EXISTING CDOT CONDUITS ATTACHED TO THE UNDERSIDE OF THE BRIDGE STRUCTURE MAY CONTAIN ASBESTOS MATERIALS. THE CONDUITS SHALL BE REMOVED AND DISPOSED OF PROPERLY PRIOR TO THE BRIDGE DEMOLITION. CONDUITS TESTED AND CONFIRMED TO CONTAIN ASBESTOS MUST BE REMOVED IN ACCORDANCE WITH THE SPECIAL PROVISION "REMOVAL OF ASBESTOS CEMENT CONDUIT". ASBESTOS CONDUIT REMOVAL SHALL BE PAID FOR UNDER THE "REMOVAL OF ASBESTOS CEMENT CONDUIT" PAY ITEM.



DATE	REVISION
CITY OF CHICAGO	
DEPARTMENT OF TRANSPORTATION DIVISION OF ENGINEERING	
CONSULTANT: AECOM	
WORK ORDER NO. _____	DATE _____
COST ALLOCATION ACCOUNT _____	
APPROPRIATION ACCOUNT _____	MATERIAL _____ LABOR _____
EAST HARRISON STREET LIGHTING REMOVAL PLAN	
CITY OF CHICAGO DEPT. OF TRANSPORTATION DIVISION OF ELECTRICAL OPERATIONS	
DRAFTSMAN: CAM	ENGINEER: WDS
SUPERVISING ENGINEER: WDS	ELEC. DESIGN ENGR. WDS
ENGINEER OF ELECTRICITY:	
GEN'L SUPT. OF ELECTRICITY:	
DEPUTY COMMISSIONER:	
SIZE: 22" 34"	SCALE: 1" = 30'
DATE: 02/19/14	DATE: 12/06/13
C.D.O.T. PROJECT NO.:	DWG. NO.:

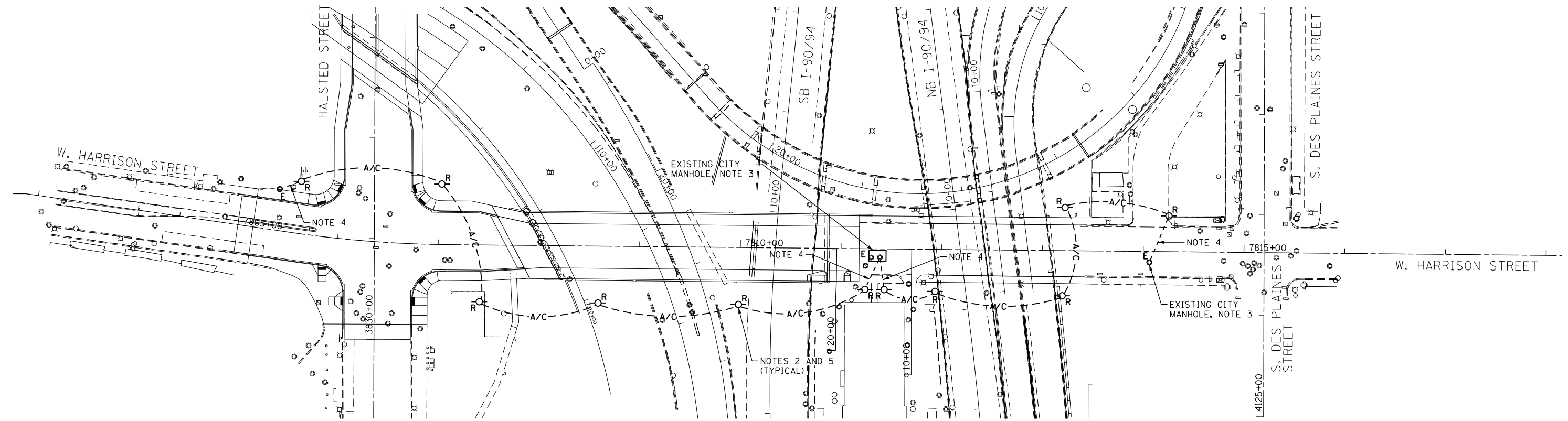
E-08

8 OF 19

FOR CONDUIT AND FOUNDATION PLANS
SEE DRAWING NO. E-06.

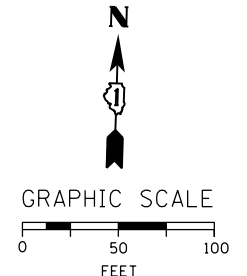
FOR LIGHTING CABLE AND EQUIPMENT
INSTALLATION PLANS SEE DRAWING NO. E-07.

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NOTES:

1. SEE DRAWING E-01 FOR IDOT ELECTRICAL SYMBOLS.
2. ALL REMOVAL WORK SHOWN ON THIS DRAWING WILL BE COORDINATED WITH THE CITY OF CHICAGO'S OFFICE OF EMERGENCY MANAGEMENT AND COMMUNICATIONS (OEMC). OEMC CONTACT: FRANK KELLY 312-746-9238
3. ALL DISCONNECTING OF EXISTING TEMPORARY OEMC CABLES IN EXISTING CITY MANHOLES WILL BE DONE BY OTHERS.
4. REMOVE EXISTING TEMPORARY COMMUNICATION CABLES FROM EXISTING CONDUIT FROM TEMPORARY WOOD POLE TO EXISTING CITY MANHOLE AS DIRECTED BY THE ENGINEER.
5. THE EXISTING TEMPORARY AERIAL COMMUNICATION FEED REMOVAL WORK SHALL NOT BEGIN UNTIL THE PROPOSED PERMANENT COMMUNICATION FEED HAS BEEN INSTALLED, TESTED AND ACCEPTED BY THE OEMC OR AS DIRECTED BY THE ENGINEER. THE PERMANENT COMMUNICATION FEED IS SHOWN ON DRAWING E-10.



DATE	REVISION

CITY OF CHICAGO

DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING



WORK ORDER NO. _____ DATE _____
 COST ALLOCATION ACCOUNT _____
 APPROPRIATION ACCOUNT MATERIAL _____ LABOR _____

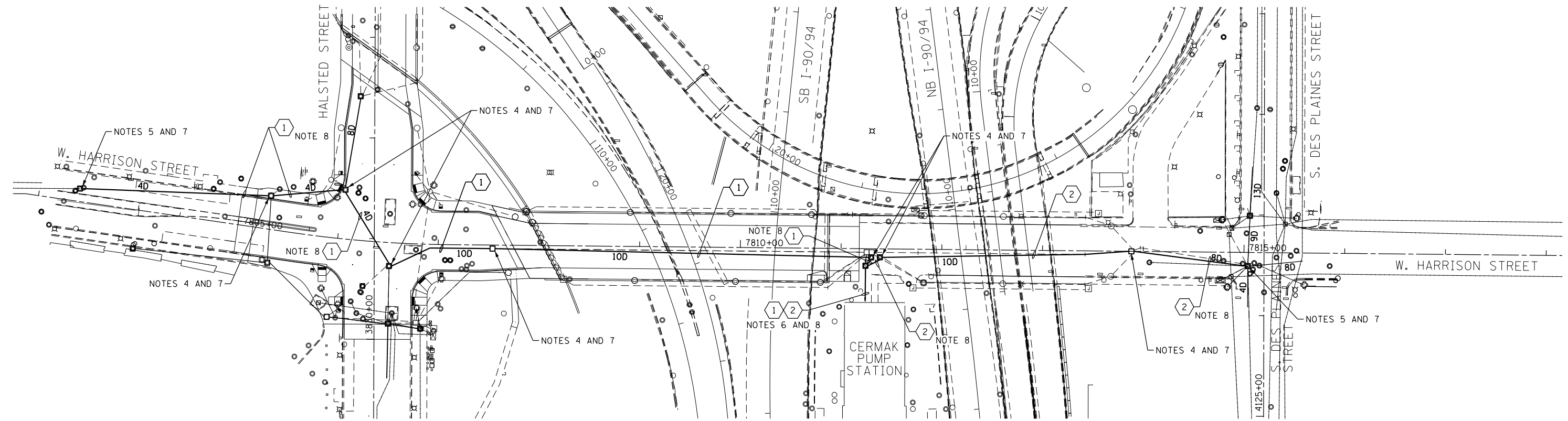
**EAST HARRISON STREET
TEMPORARY COMMUNICATIONS
REMOVAL PLAN**

CITY OF CHICAGO
DEPT. OF TRANSPORTATION
DIVISION OF ELECTRICAL OPERATIONS

DRAFTSMAN: CAM	CHIEF DRAFTSMAN: WDS	ENGINEER: WDS
SUPERVISING ENGINEER/ELEC. DESIGN ENGR. WDS		E-09
ENGINEER OF ELECTRICITY:		
GEN'L SUPT. OF ELECTRICITY:		
DEPUTY COMMISSIONER:		
SIZE: 22" 34"	SCALE: 1" = 50'	DATE: 12/06/13
DATE: 12/20/13		DWG. NO.: 9 OF 19
C.D.O.T. PROJECT NO.:		

FOR LIGHTING CABLE AND EQUIPMENT
INSTALLATION PLANS SEE DRAWING NO. E-07.
 FOR LIGHTING REMOVAL PLANS SEE
DRAWING NO. E-08.

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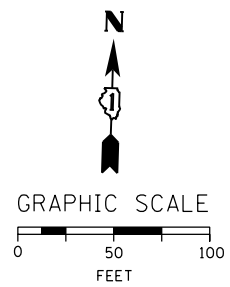


CABLE SCHEDULE

- ① PROVIDE 8-100 PAIR, 19 AWG, AERIAL COMMUNICATIONS CABLES INSTALLED IN CITY CONDUITS. INSTALL A MAXIMUM OF TWO CABLES PER RACEWAY.
- ② PROVIDE 9-100 PAIR, 19 AWG, AERIAL COMMUNICATIONS CABLES INSTALLED IN CITY CONDUITS. INSTALL A MAXIMUM OF TWO CABLES PER RACEWAY.

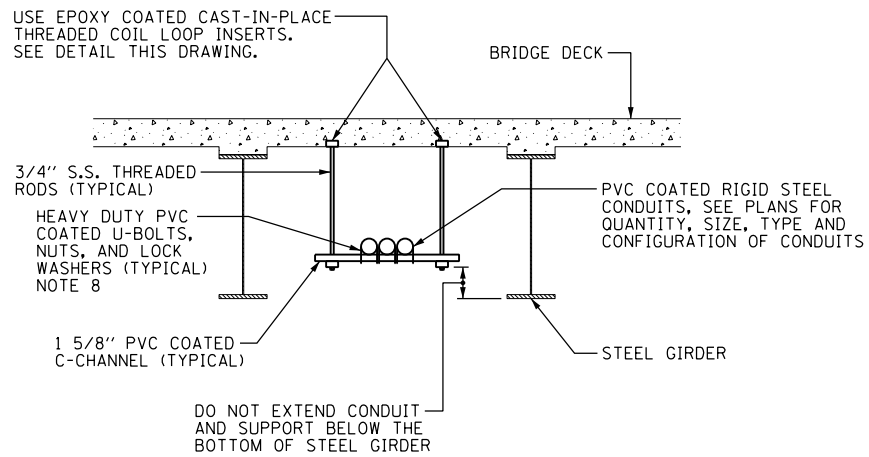
NOTES:

1. SEE DRAWING E-01 FOR IDOT ELECTRICAL SYMBOLS.
2. ALL WORK SHOWN ON THIS DRAWING WILL BE COORDINATED WITH THE CITY OF CHICAGO'S OFFICE OF EMERGENCY MANAGEMENT AND COMMUNICATIONS (OEMC). OEMC CONTACT: FRANK KELLY 312-746-9238. PRIOR TO STARTING ANY WORK, THE CONTRACTOR SHALL SCHEDULE AND HOST A MEETING WITH THE OEMC, THE RESIDENT ENGINEER AND A CITY OF CHICAGO DEPARTMENT OF WATER REPRESENTATIVE TO DISCUSS THE INSTALLATION OF THE PERMANENT COMMUNICATION CABLES.
3. ALL SPLICING OF PROPOSED OEMC CABLES IN EXISTING CITY MANHOLES WILL BE DONE BY OTHERS.
4. PROVIDE 10 FEET OF SLACK FOR EACH COMMUNICATION CABLE INSTALLED IN CITY MANHOLES, UNLESS NOTED OTHERWISE.
5. PROVIDE 25 FEET OF SLACK FOR EACH COMMUNICATION CABLE INSTALLED IN THE EXISTING MANHOLE AT THE TERMINUS OF THE PROPOSED CABLE RUN.
6. COMMUNICATIONS CABLES SHALL BE ROUTED IN EXISTING CITY CONDUITS FROM THE EXISTING CITY MANHOLE TO THE OEMC EQUIPMENT LOCATED IN THE CERMAK PUMP STATION. ALLOW -- FEET OF EACH CABLE IN THIS RUN FOR BIDDING PURPOSES.
7. ALL NEW CABLES SHALL BE NEATLY RACKED ON SUPPORT BRACKETS AROUND THE INSIDE PERIMETER OF THE MANHOLE.
8. DISCONNECT, REMOVE AND DISPOSE OF ALL EXISTING CITY CABLES FROM THE EXISTING RACEWAYS AS NEEDED TO MAKE ROOM FOR THE INSTALLATION OF THE NEW COMMUNICATION CABLES. ONCE THE EXISTING CABLES ARE REMOVED, THE CONTRACTOR SHALL ROD AND CLEAN THE EXISTING RACEWAYS PRIOR TO INSTALLING THE NEW CABLES.

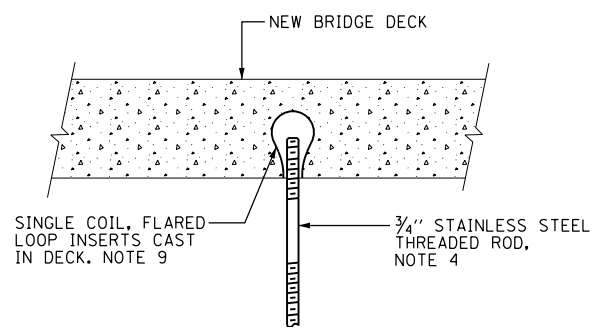


DATE	REVISION
CITY OF CHICAGO	
DEPARTMENT OF TRANSPORTATION DIVISION OF ENGINEERING	
CONSULTANT: AECOM	
WORK ORDER NO. _____	DATE _____
COST ALLOCATION ACCOUNT _____	
APPROPRIATION ACCOUNT _____	MATERIAL _____ LABOR _____
EAST HARRISON STREET PERMANENT COMMUNICATION CABLE PLAN	
CITY OF CHICAGO DEPT. OF TRANSPORTATION DIVISION OF ELECTRICAL OPERATIONS	
DRAFTSMAN: CAM	ENGINEER: WDS
SUPERVISING ENGINEER: WDS	ELEC. DESIGN ENGR. WDS
ENGINEER OF ELECTRICITY:	
GEN'L SUPT. OF ELECTRICITY:	
DEPUTY COMMISSIONER:	
SIZE: 22" 34"	SCALE: 1" = 50'
DATE: 12/20/13	DATE: 12/06/13
C.D.O.T. PROJECT NO.:	DWG. NO.: 10 OF 19

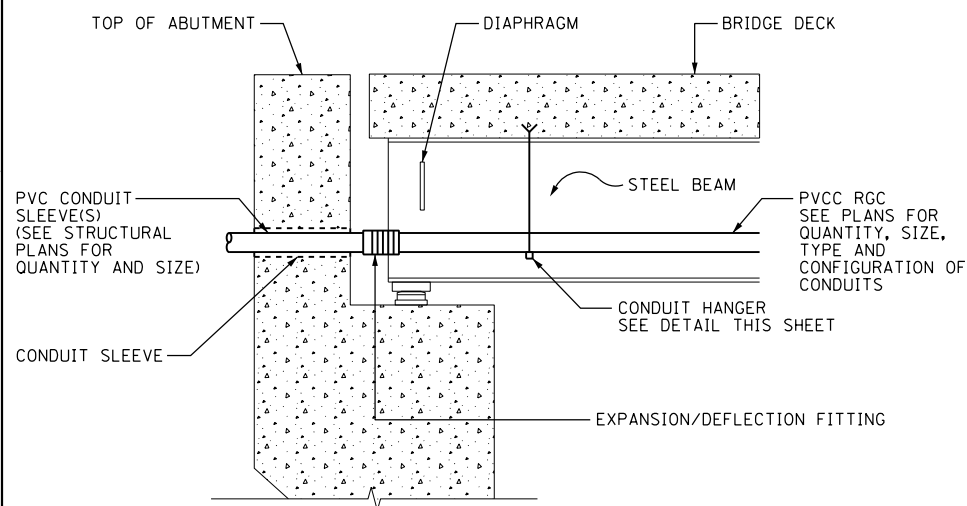
E-10



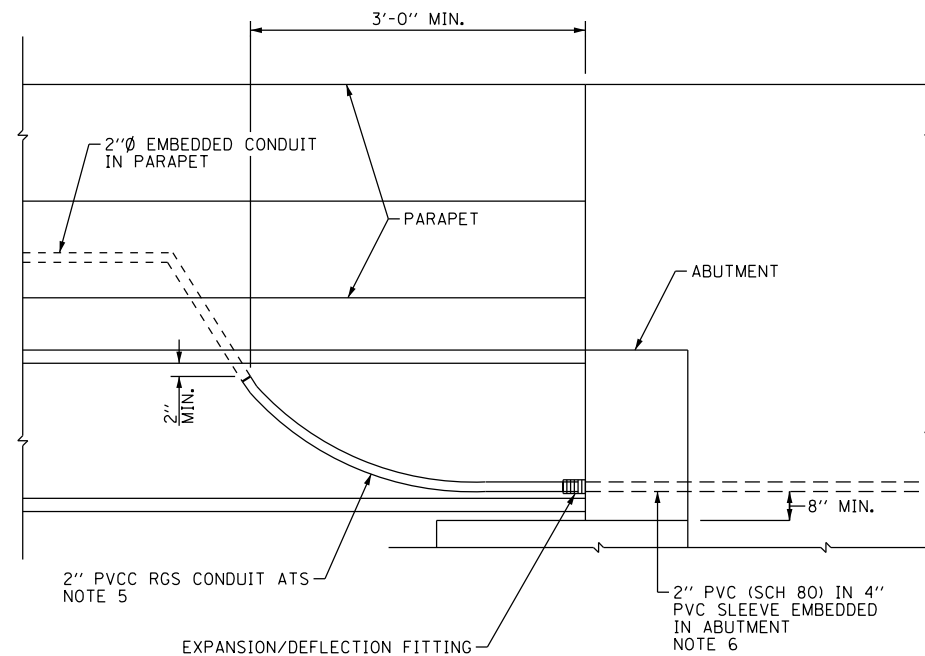
TYPICAL CONDUIT SUPPORT ATTACHED TO BRIDGE DECK DETAIL
SCALE: NOT TO SCALE
NOTE 5



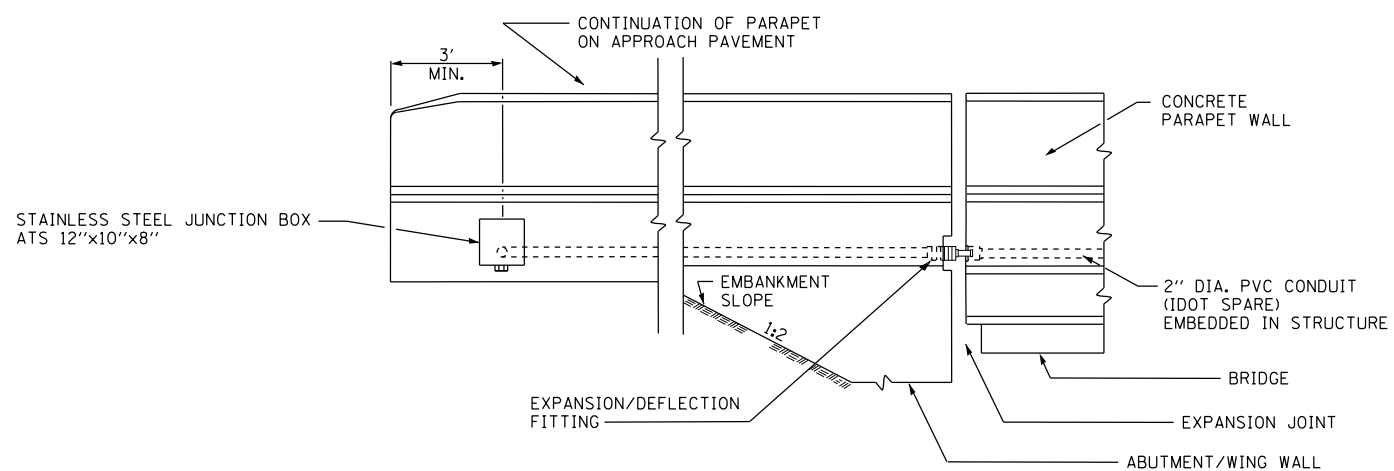
BRIDGE DECK THREADED ROD INSTALLATION ANCHOR DETAILS
SCALE: NOT TO SCALE



TYPICAL CONDUIT INSTALLATION THROUGH ABUTMENT WALL
SCALE: NOT TO SCALE



EMBEDDED BRIDGE CONDUIT DETAIL-A
SCALE: NOT TO SCALE



EMBEDDED BRIDGE CONDUIT DETAIL-B
SCALE: NOT TO SCALE

NOTES:

- SEE DRAWING E-01 FOR IDOT ELECTRICAL SYMBOLS.
- 2" PVCC CONDUITS SHALL HAVE A MINIMUM BENDING RADIUS OF 10'.
- SEE STRUCTURAL PLANS FOR LOCATION OF EMBEDDED CONDUITS.
- THE CONTRACTOR MUST COORDINATE THREADED ROD END SIZES WITH THE C-CHANNEL AND FLARED LOOP INSERT MANUFACTURERS.
- THE CONDUIT SUPPORT SYSTEM ATTACHED TO THE BRIDGE DECK, INCLUDING THE INSERTS, WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE PRICE FOR THE "CONDUIT ATTACHED TO STRUCTURE" PAY ITEM.
- COORDINATE THE LOCATION OF THE CONDUITS ROUTED THROUGH THE ABUTMENT WITH THE LOCATION OF THE CONDUIT SLEEVE OPENINGS SHOWN ON THE STRUCTURAL PLANS.
- SEE PLAN DRAWINGS FOR THE PROPOSED CONDUIT ROUTING.
- ALL MOUNTING HARDWARE FOR CONDUIT SUPPORTS AND PVCC RGC MUST BE PVC COATED.
- THE CONTRACTOR MUST USE APPROVED SINGLE COIL FLARED LOOP INSERTS WHEN PENDANT MOUNTING THREADED RODS TO A NEW BRIDGE DECK. THE FLARED LOOP INSERTS MUST BE CAST INTO THE CONCRETE DECK. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND COORDINATING THE INSERT LOCATIONS WITH THE BRIDGE DECK CONTRACTOR.

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D160W71-sht-Light-11
USER NAME = myersc
PLOT SCALE = 1.0000' / in.
PLOT DATE = 12/18/2013

DESIGNED - WDS
DRAWN - CAM
CHECKED - WDS
DATE - 12/20/13

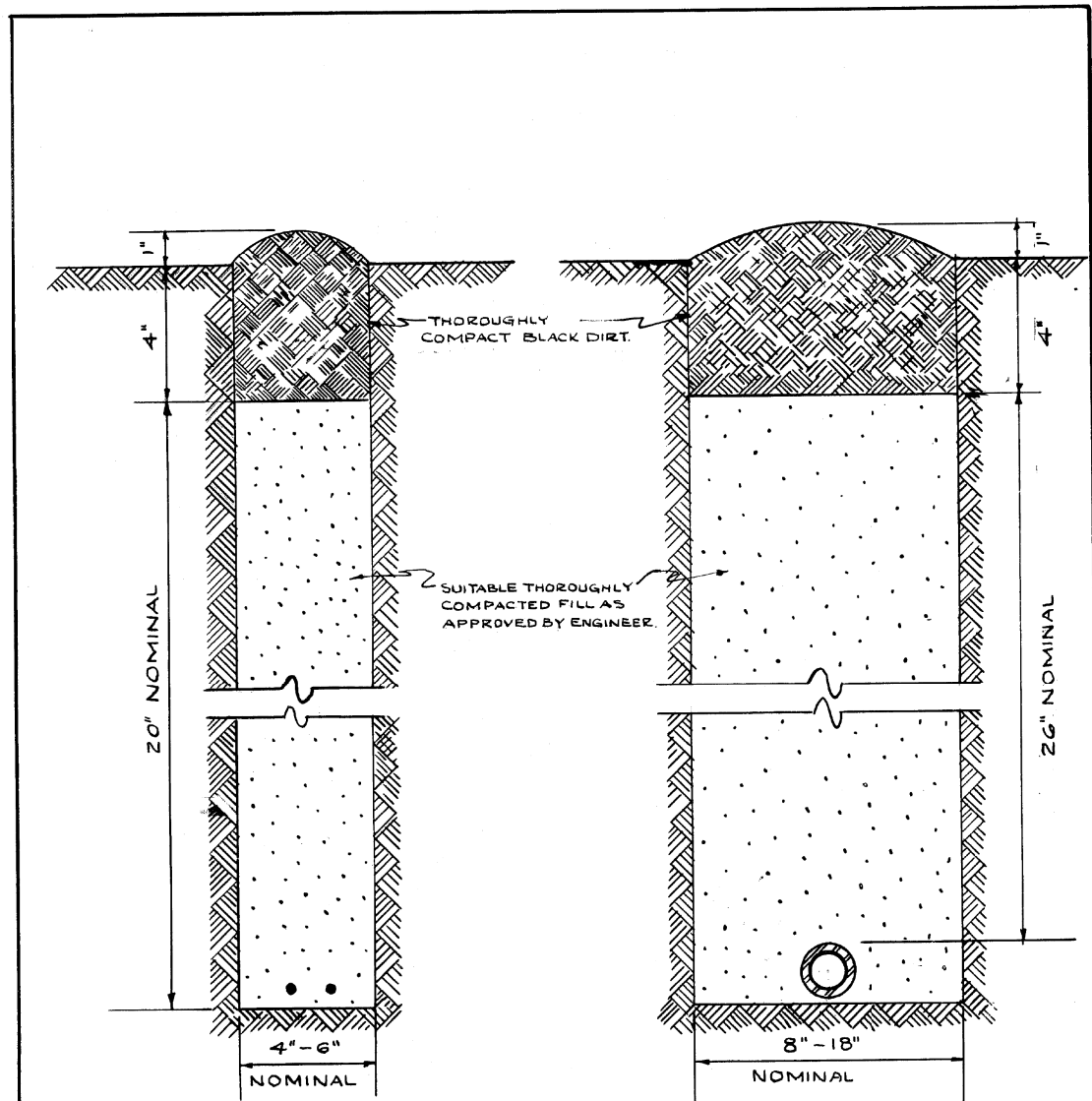
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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MISCELLANEOUS ELECTRICAL DETAILS

SCALE: N.T.S. SHEET 11 OF 19 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	83
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				



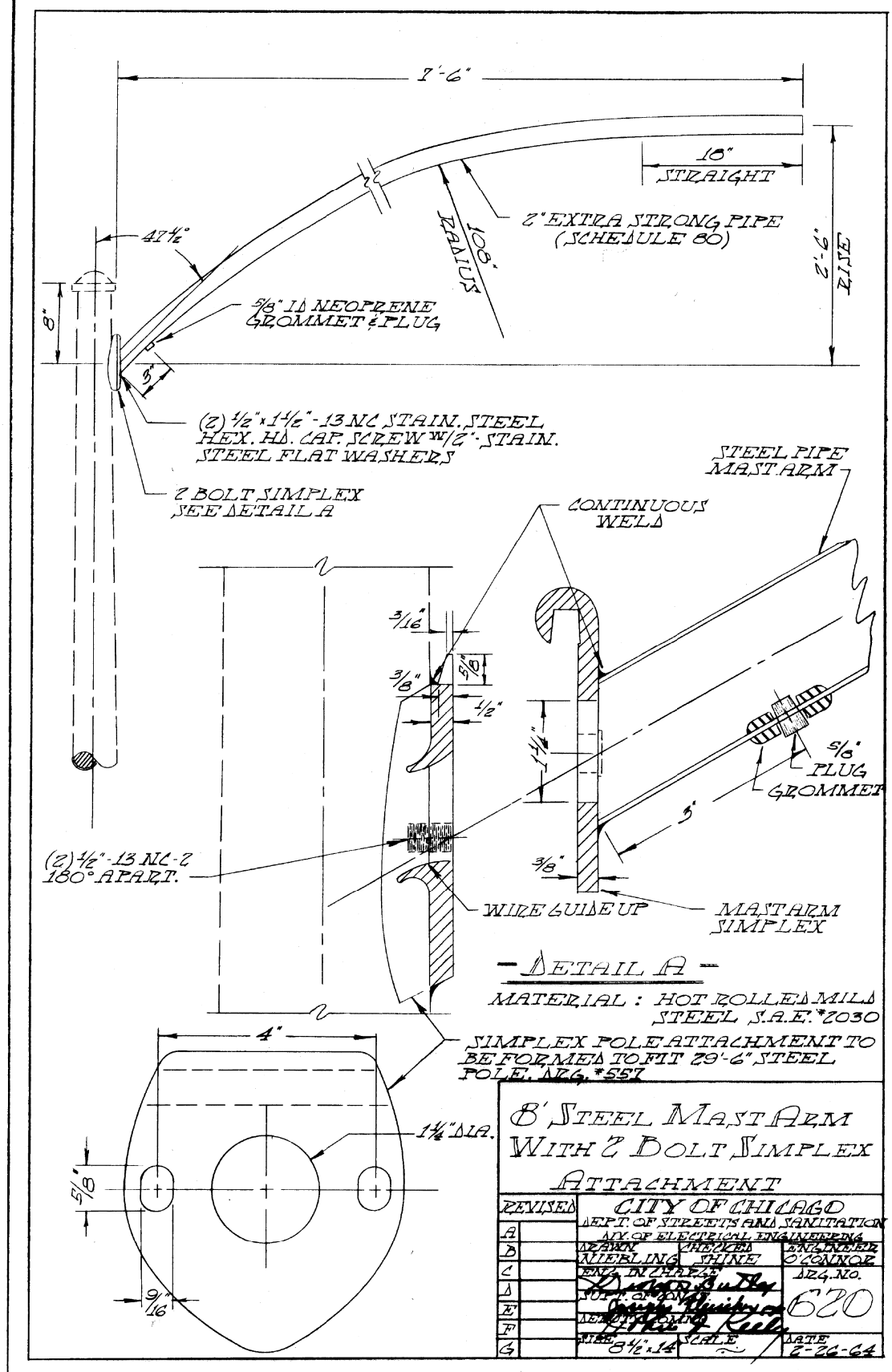
CABLE TRENCH

CONDUIT TRENCH

NOTE
 EXCESS SOIL FROM TRENCH TO BE COMPLETELY REMOVED FROM SITE AS SOON AS PRACTICABLE.
 BLACK DIRT TO BE TAMPED & THOROUGHLY COMPACTED AS SHOWN.

STANDARD METHOD FOR BACKFILLING CABLE & CONDUIT TRENCHES IN SODDED PARKWAY & LAWNS

CITY OF CHICAGO			
DEPT. OF STREETS & SANITATION			
DIVISION OF ELECTRICAL ENGINEERING			
REVISION	DRAWN	CHECKED	ENGINEER
A	W. E. HARP	M. J. HINE	J. O'CONNOR
B			
C			
D			
E			
F			
G			
H			
ENGR. IN CHARGE		DRG. NO.	
Supt. of Const.		579	
SIZE: 8 1/2 x 14		SCALE: N	
		DATE: 7-14-61	



DETAIL A
 MATERIAL: HOT ROLLED MILD STEEL S.A.E. #2030
 SIMPLEX POLE ATTACHMENT TO BE FORMED TO FIT 79'-6" STEEL POLE, A24 #557

8' STEEL MAST ARM WITH 2 BOLT SIMPLEX ATTACHMENT

CITY OF CHICAGO			
DEPT. OF STREETS AND SANITATION			
DIV. OF ELECTRICAL ENGINEERING			
REVISION	DESIGNED	CHECKED	DATE
A	ALBERTA SHINE	J. O'CONNOR	8-26-64
B			
C			
D			
E			
F			
G			
SCALE: 3/4" = 1'		DATE: 8-26-64	

FILE PATH = p:\388935\pmt\lsc\comline\local\p\AEC\DWG\Documents\01_Americas\Transportation\62629938_Circle\Phase 1\1000_CAD\016_Electrical\Sheets\60W71_Contract\160W71-sht-Light-12



D160W71-sht-Light-12
 USER NAME = myersc
 PLOT SCALE = 1:8000 / 1 in.
 PLOT DATE = 12/18/2013

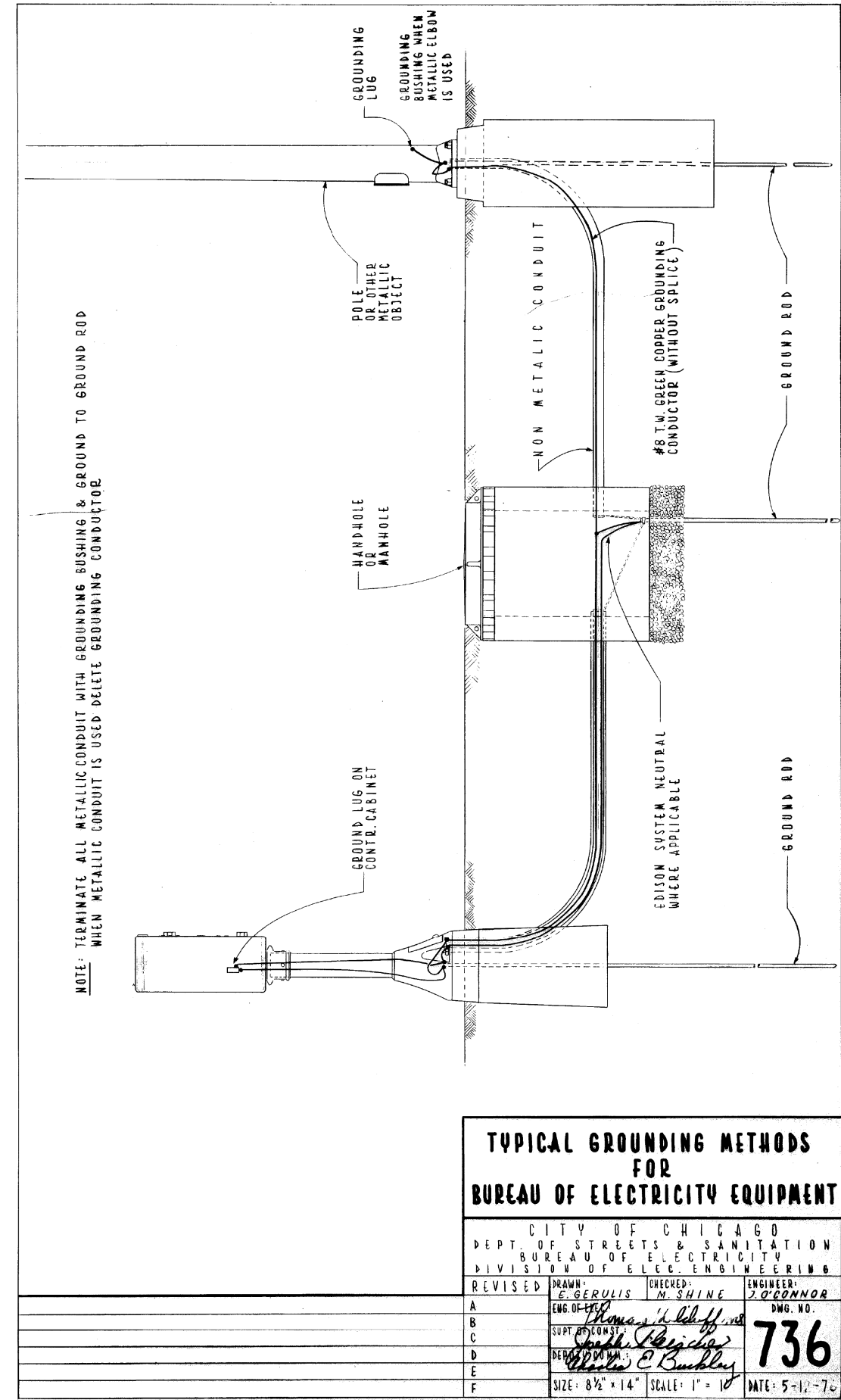
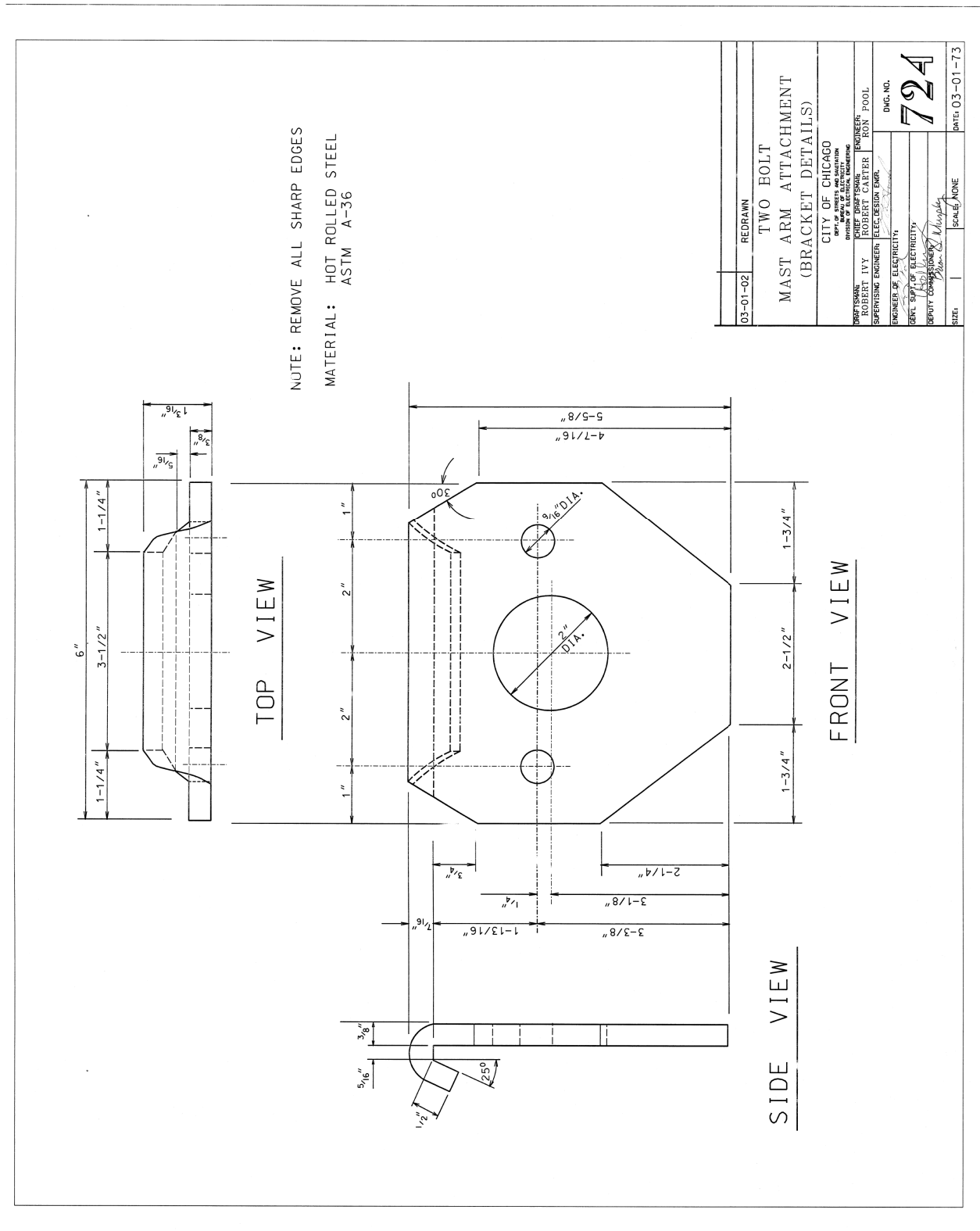
DESIGNED - WDS
 DRAWN - CAM
 CHECKED - WDS
 DATE - 12/20/13

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS ELECTRICAL DETAILS
 SCALE: N.T.S. SHEET 12 OF 19 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-036R	COUNTY COOK	TOTAL SHEETS 256	SHEET NO. 84
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

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D160W71-sht-Light-13
USER NAME = myersc
PLOT SCALE = 1.0000' / 1" = 10'
PLOT DATE = 12/18/2013

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CHECKED - WDS
DATE - 12/20/13

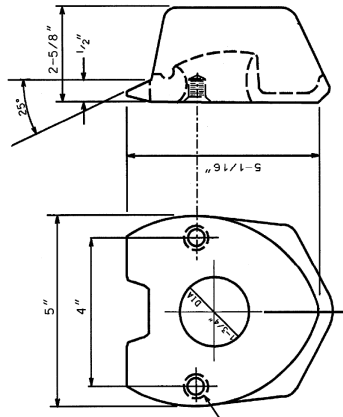
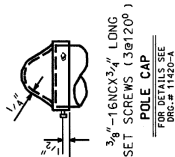
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

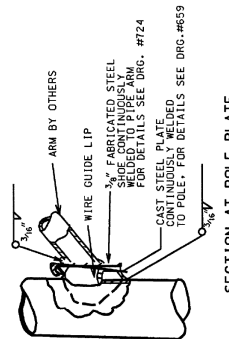
MISCELLANEOUS ELECTRICAL DETAILS

SCALE: N.T.S. SHEET 13 OF 19 SHEETS STA. TO STA.

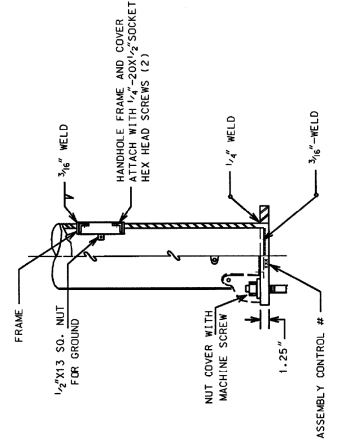
F.A.I. RT.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	85
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				



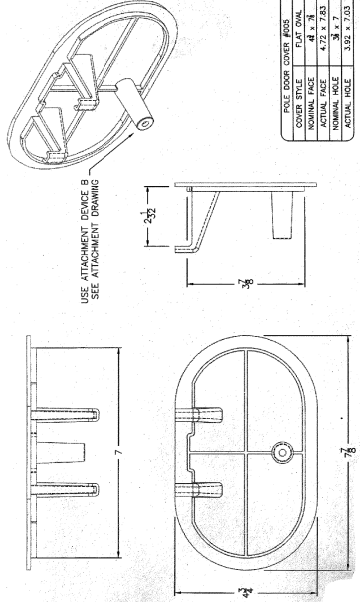
2. BOLT MAST ATTACHMENT
FOR DETAILS SEE DRG. # 659 MATERIAL: CAST STEEL



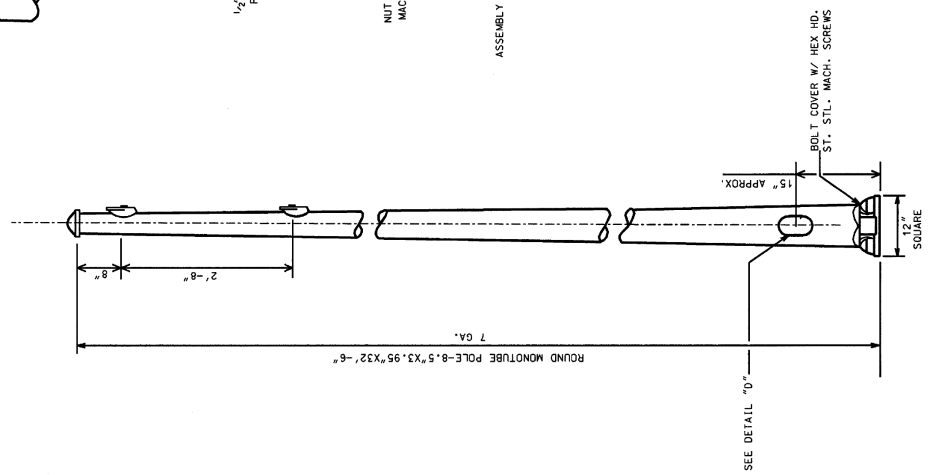
SECTION AT POLE PLATE



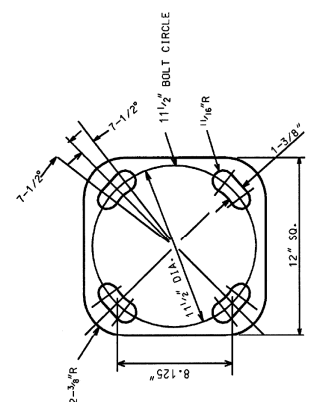
DETAIL "D"



HANDHOLE DETAIL



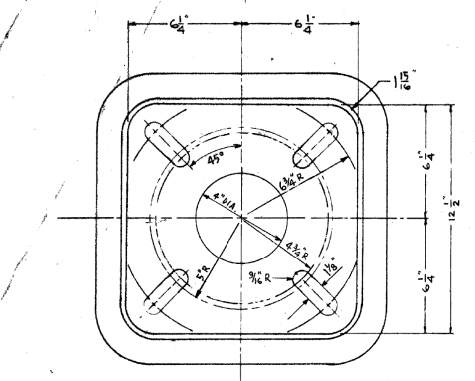
SEE DETAIL "D"



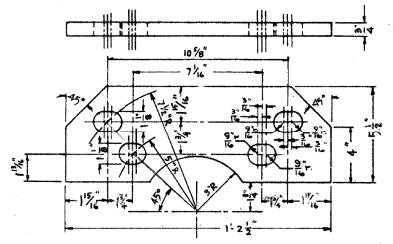
DETAIL "A"
BOLT SLOTS

3. 95"x8.5" STEEL/32'-6" POLE
7 GAUGE

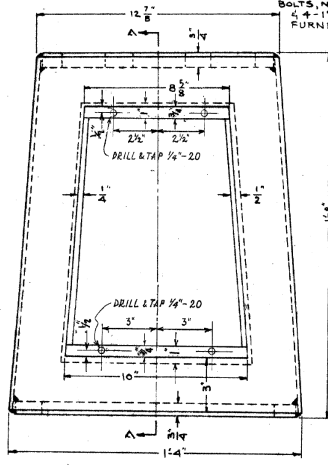
CITY OF CHICAGO DEPT. OF STREETS & ELECTRICITY DIVISION OF ELECTRICAL ENGINEERING	ENGINEER: ROBERT CARTER	DWG. NO. 762
DRAFTSMAN: ROBERT IVY	SUPERVISING ENGINEER: ELEC. DESIGN ENGR. ROBERT CARTER	DATE: 10-03-01
ENGINEER OF ELECTRICITY: GENT. SUPV. OF ELECTRICITY: Deputy Commissioner		



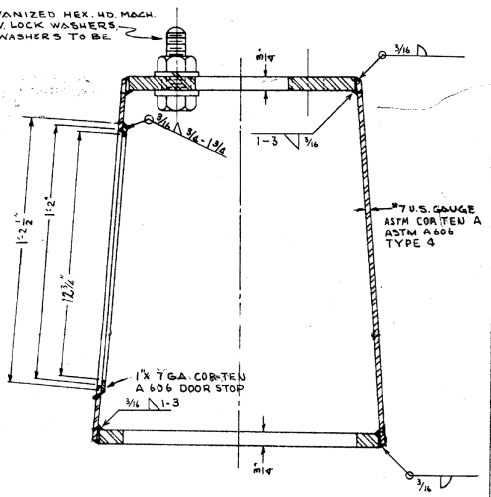
TOP VIEW



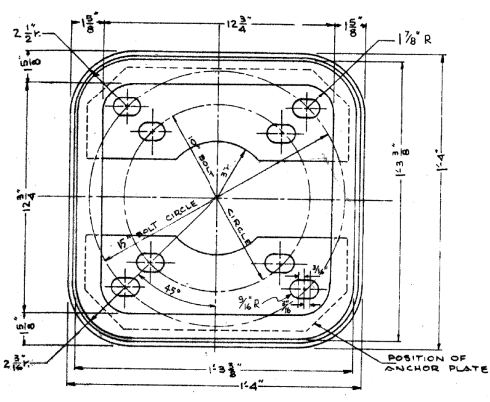
ANCHOR PLATE
2-REQUIRED
FURNISHED FROM 3/4\"/>



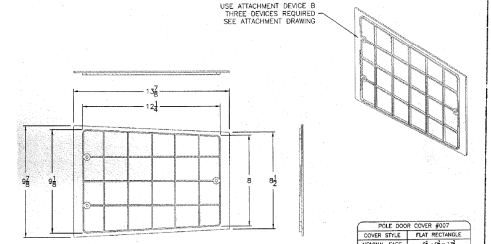
FRONT VIEW



SECTION A-A



BOTTOM VIEW
WITH ANCHOR PLATE IN PLACE



DOOR

**BALLAST HOUSING BASE
WITH ANCHOR PLATES
FOR 10" & 15" BOLT CIRCLE**

REVISED	CITY OF CHICAGO DEPT. OF STREETS & ELECTRICITY DIVISION OF ELECTRICAL ENGINEERING		
A. APR 15, 1981	DRAWING	CHECKED	ENGINEER
B. OCT 19, 1981	E. GERRILLIS	M. J. SHINE	M. R. GREEN
C.			
D.			
E.			
F.			
G.	SIZE 14" X 25"	SCALE 3" = 1'-0"	DATE: MARCH 25, 1997

NOTE
THIS DRAWING
REPLACES H872



D160W71-sht-Light-14
USER NAME = myersc
PLOT SCALE = 1:8000 / 1 in.
PLOT DATE = 12/18/2013

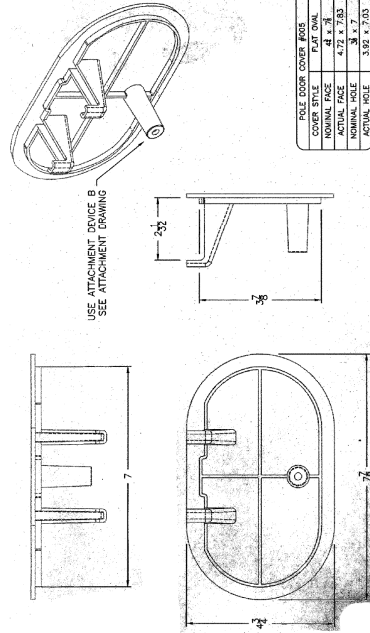
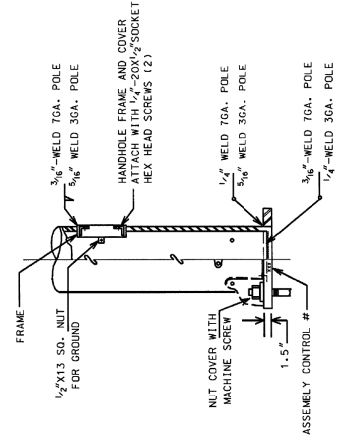
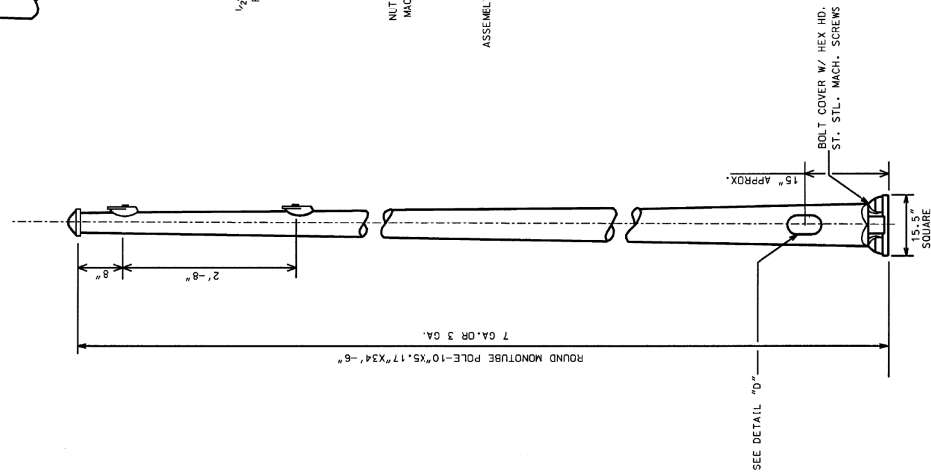
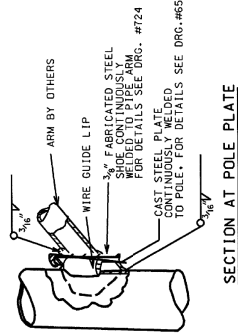
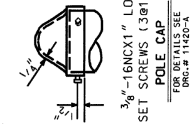
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DRAWN - CAM	REVISED -
CHECKED - WDS	REVISED -
DATE - 12/20/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

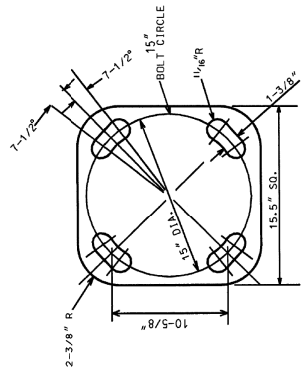
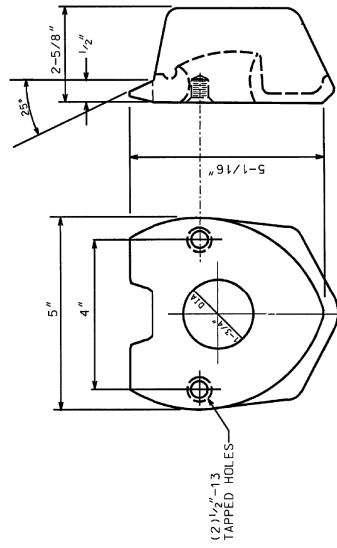
MISCELLANEOUS ELECTRICAL DETAILS

SCALE: N.T.S. SHEET 14 OF 19 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-036R	COUNTY COOK	TOTAL SHEETS 256	SHEET NO. 86
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				



HANDHOLE DETAIL



5.17" x 10.0" STEEL/34' - 6" POLE	
7 OR 3 GAUGE	
CITY OF CHICAGO DEPT. OF PUBLIC WORKS DIVISION OF ELECTRICAL ENGINEERING	
DESIGNED BY	ENGINEER
ROBERT IVY	ROBERT CARTER
SUPERVISING ENGINEER	ELECTRICAL ENGINEER
ENGINEER OF ELECTRICALITY	
PERMIT SIGNATURE	ELECTRICITY
DEPUTY COMMISSIONER	<i>Blair S. Murphy</i>
DWG. NO.	808
	10-03-01



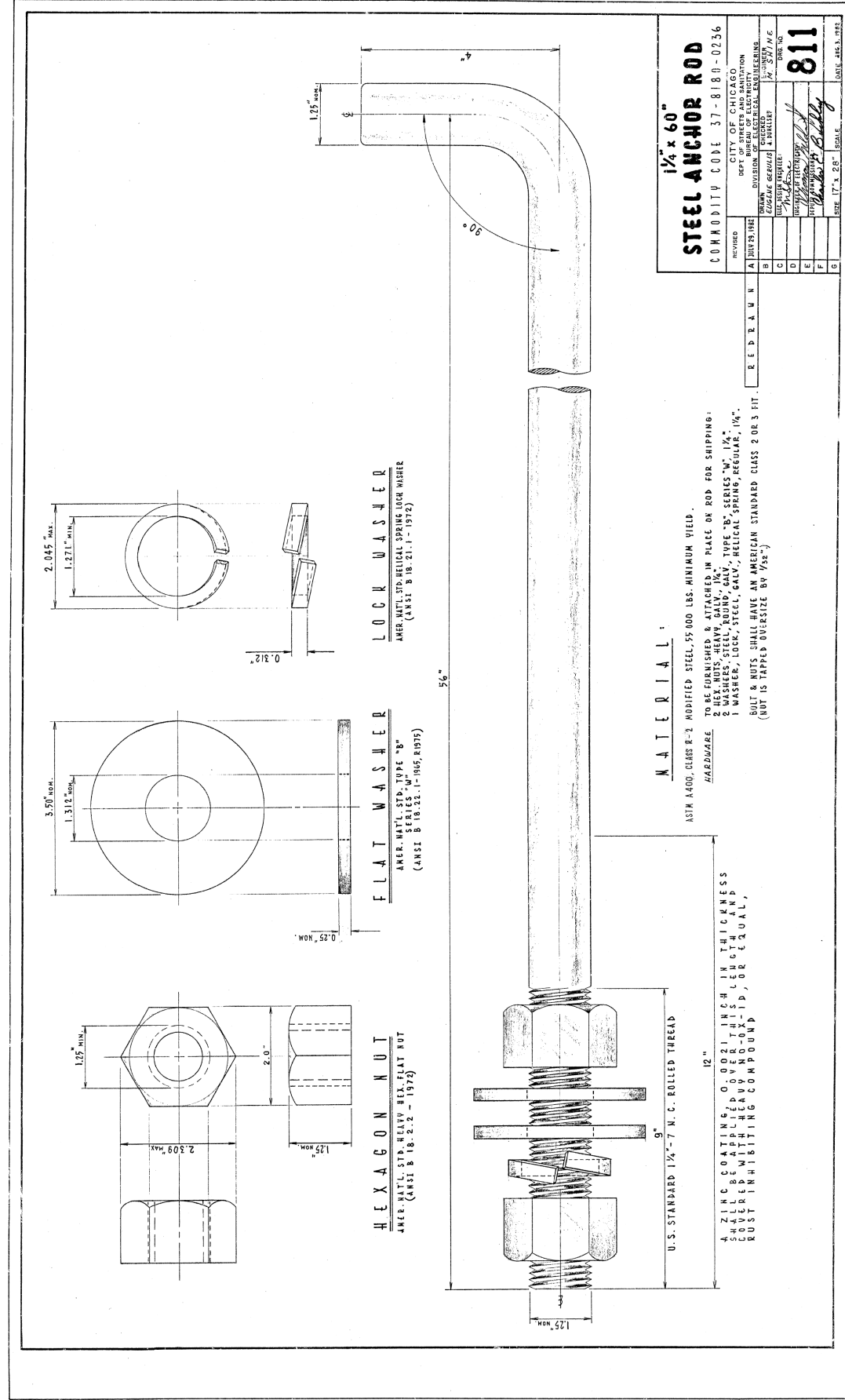
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PLOT SCALE = 1:8000' / 1"	CHECKED -	WDS	REVISED -
PLOT DATE = 12/18/2013	DATE -	12/20/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

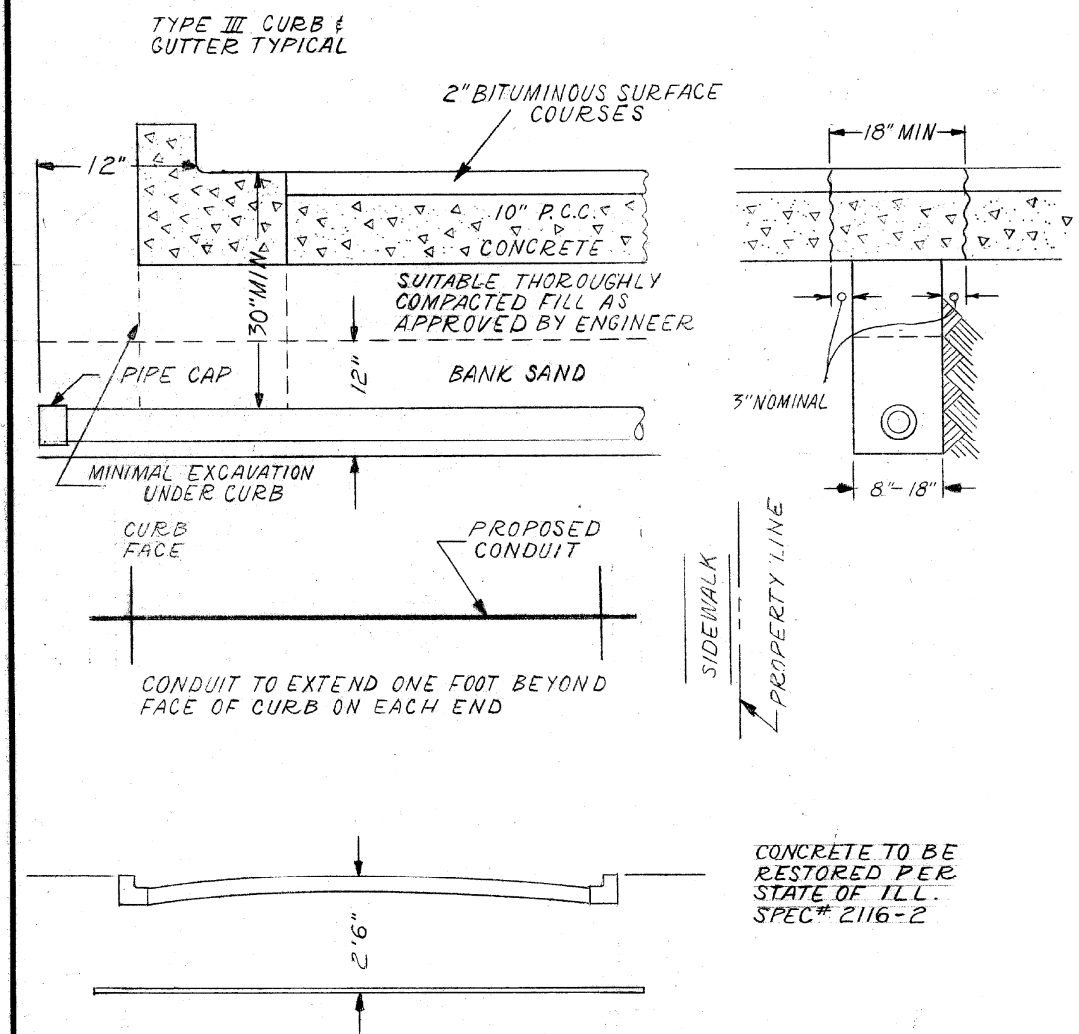
MISCELLANEOUS ELECTRICAL DETAILS

SCALE: N.T.S. SHEET 15 OF 19 SHEETS STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	87
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				



CONDUIT INSTALLATION UNDER PAVED STREET

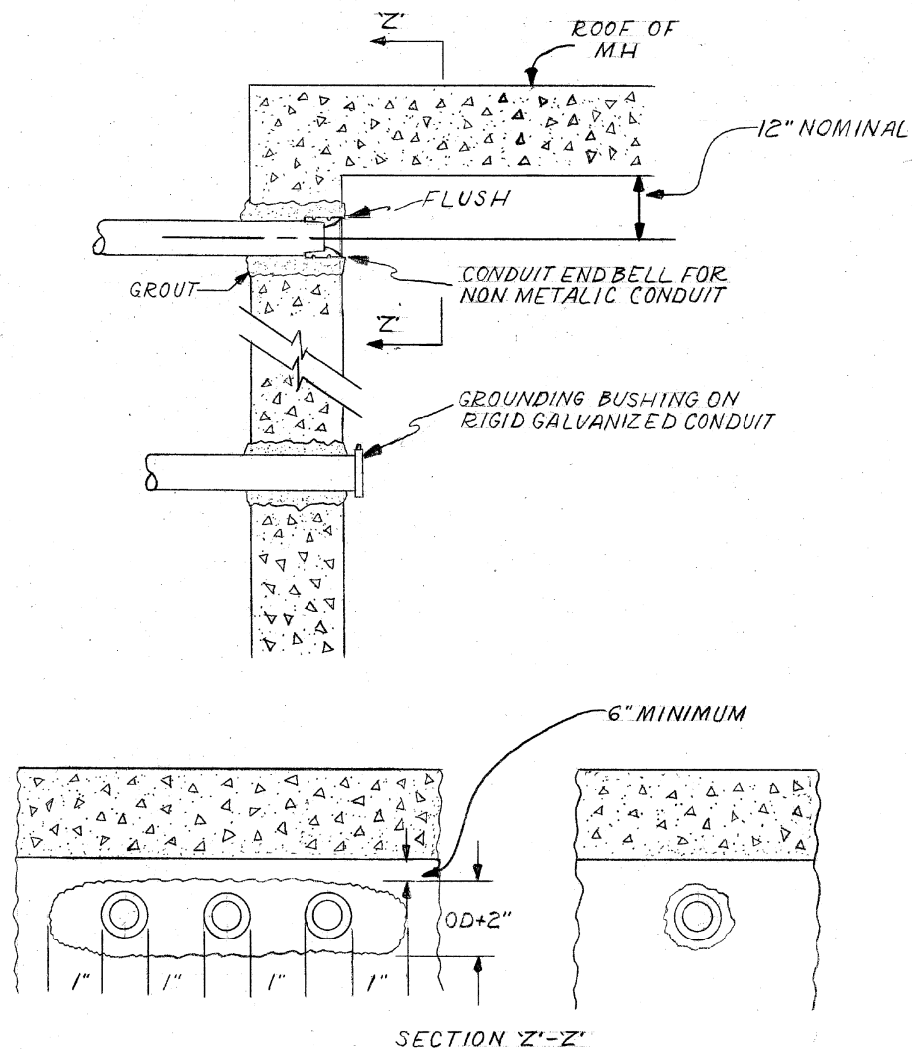


CONCRETE TO BE RESTORED PER STATE OF ILL. SPEC# 2116-2

INSTALLATION METHOD OF INSTALLING CONDUIT UNDER PAVED ROADWAY

CITY OF CHICAGO DEPT. OF STREETS AND SANITATION BUREAU OF ELECTRICITY DIVISION OF ELECTRICAL ENGINEERING		
DRAWN A.M. JOHNSON	CHECKED R. SYCKOWSKI	ENGINEER R.L. MARTIN
 ENGINEER OF ELECTRICITY		DRG. NO. 813
 DEPUTY CHIEF		DATE 3-13-81
SIZE 8 1/2" X 14"	SCALE N.T.S.	

CONDUIT INSTALLATION THROUGH EXISTING MANHOLE OR HANDHOLE WALL



OPENING THROUGH WALL TO BE KEPT TO MINIMUM SIZE TO ADMIT CONDUIT AND SUFFICIENT GROUT TO ASSURE SEALING WALL.

INSTALLATION METHOD OF INSTALLING CONDUIT THRU MANHOLE WALL

CITY OF CHICAGO DEPT. OF STREETS AND SANITATION BUREAU OF ELECTRICITY DIVISION OF ELECTRICAL ENGINEERING		
DRAWN A.M. JOHNSON	CHECKED R. SYCKOWSKI	ENGINEER R.L. MARTIN
 ENGINEER OF ELECTRICITY		DRG. NO. 814
 DEPUTY CHIEF		DATE 3-13-81
SIZE 8 1/2" X 14"	SCALE N.T.S.	

FILE PATH = p:\388035\pmt\escomon\me\local\p\AECOM\00\Documents\01\Americas\Transportation\62629938_Circle\Phase_1\1\000_CAD\016_Electrical\Sheets\60W71_Contract\160W71-sht-Light-16



D160W71-sht-Light-16
USER NAME = myersc
PLOT SCALE = 1:0000 / 1" = 100'
PLOT DATE = 12/18/2013

DESIGNED - WDS
DRAWN - CAM
CHECKED - WDS
DATE - 12/20/13

REVISED -
REVISED -
REVISED -
REVISED -

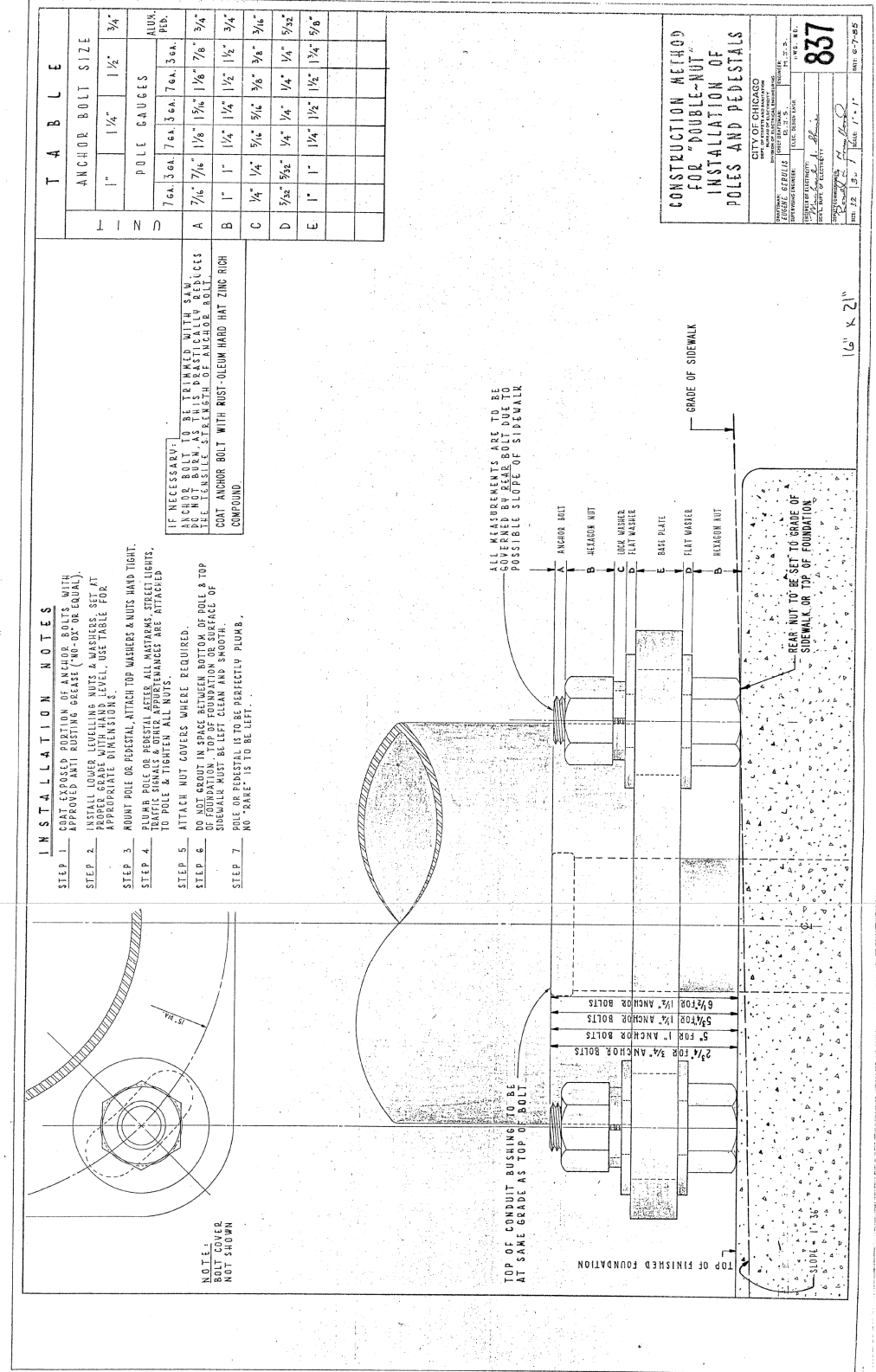
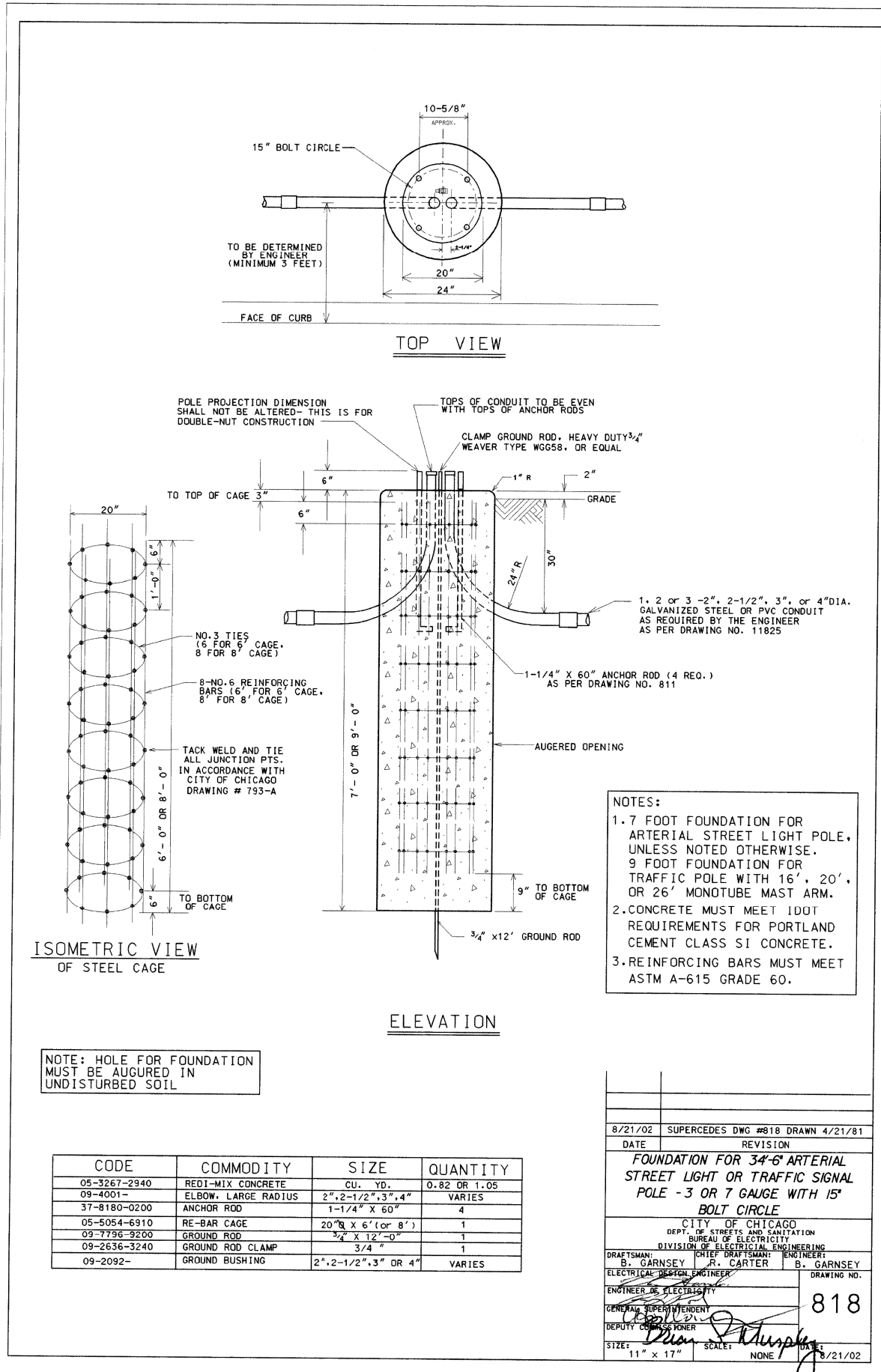
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS ELECTRICAL DETAILS

SCALE: N.T.S. SHEET 16 OF 19 SHEETS STA. TO STA.

F.A.I. R.E. 90/94/290	SECTION 2013-036R	COUNTY COOK	TOTAL SHEETS 256	SHEET NO. 88
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

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CONSTRUCTION METHOD FOR "DOUBLE-NUT" INSTALLATION OF POLES AND PEDESTALS

CITY OF CHICAGO
DEPT. OF STREETS AND SANITATION
BUREAU OF ELECTRICITY
DIVISION OF ELECTRICAL ENGINEERING

DATE: 8/21/02

857

8/21/02



D160W71-sht-Light-17
USER NAME = myersc
PLOT SCALE = 1:8000 / 1/4"
PLOT DATE = 12/18/2013

DESIGNED - WDS
DRAWN - CAM
CHECKED - WDS
DATE - 12/20/13

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS ELECTRICAL DETAILS

SCALE: N.T.S. SHEET 17 OF 19 SHEETS STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	89
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

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PROPOSED	PRESENT	
		SIGNAL, TRAFFIC 3 SECTION 1-WAY ADJUSTABLE, 12" OR AS NOTED
		SIGNAL, TRAFFIC 3 SECTION 2-WAY ADJUSTABLE, 12" OR AS NOTED
		SIGNAL OPTICALLY PROGRAMMED
		SIGNAL, PEDESTRIAN, DON'T WALK/WALK
		SIGNAL FACE ARROW, 12" COLOR AS NOTED
		SIGNAL FACE, 1 SECTION YELLOW/GREEN ARROW DUAL INDICATION
		PUSH BUTTON, PEDESTRIAN
		SIGN, ILLUMINATED, WITH MESSAGE OR SYMBOL AS INDICATED
		MAST ARM, MONOTUBE, STEEL, SIZE AS INDICATED (SEE DWG. #870)
		MAST ARM, TRUSS, ALUMINUM, SIZE AS INDICATED
		CONTROLLER, TRAFFIC SIGNAL, PEDESTAL OR BASE MOUNTED AS INDICATED
		CONTROLLER, STREET LIGHTING, PEDESTAL OR BASE MOUNTED. (DWG. 876 or 880)
		CONTROLLER, STREET LIGHTING, POLE MOUNTED (DWG. #11940)
		POLE, WOOD, COMMONWEALTH EDISON COMPANY, SERVICE
		POLE, CITY STEEL, ANCHOR BASE, 34'-6", 7 GA. 10" DI A. AND 15" B.C. 24"X7" FND. W/1 1/4" ANCHOR RODS DRG. #818.
		POLE, CITY STEEL, ANCHOR BASE, 34'-6", 3 GA. 10" DIA. AND 15" B.C. 24"X9" FND. W/1 1/4" ANCHOR RODS DRG. #818 (16', 20' or 26' M.A.)
		POLE, CITY STEEL, ANCHOR BASE, 34'-6", 3 GA., 11" DIA. AND 17 1/4" B.C. 30"X9" FND. W/1 1/4" ANCHOR RODS DRG. #816. (30' M.A.)
		POLE, CITY STEEL, ANCHOR BASE 34'-6", 3 GA. 12 1/2" DIA. AND 16 1/2" B.C. 30"X11" FND. W/1 1/2" ANCHOR RODS DRG. #817. (35', 40' or 44' M.A.)
		POLE, CITY STEEL, ANCHOR BASE, 32'-6", 3 GA. 10" DIA., WITH 3 GA. BAL. HSG. BASE AND 17 1/4" B. C. ON 30"X9" FND. W/ 11/4" ANCHOR RODS DRG. #816.
		POLE, CITY STEEL, ANCHOR BASE, 20', 27'-6", 29'-6", 7 GA. WITH STEEL BAL. HSG. BASE AND FND. W/10" D. B.C. AND 1" ANCHOR RODS DRG. #716.
		POLE, CITY STEEL, ANCHOR BASE, 20', 27'-6", 29'-6", 3 GA., WITH STEEL BAL. HSG. BASE AND FND. W/10" D. B.C. AND 1" ANCHOR RODS DWG. #719.
		POLE, CITY STEEL, ANCHOR BASE, 20', 27'-6", 29'-6" 7 GA., AND FND. WITH 10" B.C. AND 1" ANCHOR RODS DWG. #11408B.
		POLE, CITY STEEL, ANCHOR BASE, 20', 27'-6", 29'-6" 3 GA., AND FND. WITH 10" B.C. AND 1" ANCHOR RODS DWG. #11408B.
		POLE, CITY STEEL, ANCHOR BASE, 32'-6", 7 GA., AND FND. WITH 11 1/2" B.C. AND 1" ANCHOR RODS DWG. #753.
		POLE, CITY STEEL, ANCHOR BASE, 32'-6", 3 GA., AND FND. WITH 11 1/2" B.C. AND 1" ANCHOR RODS DWG. #753.
		POLE, CITY STEEL, ANCHOR BASE, 32'-6" 7 GA., ALUM. BHB AND FND. WITH 15" B.C.-24"X7" WITH 1" ANCHOR RODS DRG. #691.
		POLE, CITY STEEL, ANCHOR BASE, 32'-6", 3 GA., ALUM. BHB AND FND. WITH 15" B.C. 24"X7" WITH 1" ANCHOR RODS DWG. #691.
		POLE, CITY ALUMINUM, WITH ROUND BAL. HSG. BASE, 25', 28', or 30' ON FND. WITH 14" B.C., ACQUIRED FROM CHICAGO PARK DISTRICT.
		POLE, CITY STEEL, EMBEDDED, 4"X 9"X 35' 7 GA., TAPERED TUBULAR. (DWG. #658)
		POLE, CITY STEEL, EMBEDDED, 4"X 9"X 35' 3 GA., TAPERED TUBULAR. (DWG. #658)
		POLE, CITY STEEL, EMBEDDED. (ACQUIRED FROM CTA)
		COLUMN, ELEVATED STRUCTURE
		POLE, WOOD. (SIZE AS NOTED)
		POLE, FOUNDATION WITH ELBOWS AS INDICATED. (SIZE AS NOTED)
		POLE, ORNAMENTAL OR OTHER, AS INDICATED ON THE PLANS

PROPOSED	PRESENT	
		HANDHOLE, HEAVY DUTY, 36" I.D. (DWG.#866)
		HANDHOLE, CIRCULAR WITH 24" FRAME & COVER, 30" I.D. (#867)
		MANHOLE, CITY 3'X4'X4' DWG. #729 or 730; 4'X6'X6' DWG. #732 or 733.
		FOUNDATION, CONTROLLER OR PEDESTAL, 13" B.C., 20"X5' (DWG. #709)
		FOUNDATION, TRAFFIC CONTROLLER DWG. #854. F.A. TERMINAL FND. DWG. #11972
		FOUNDATION, TRAFFIC TYPE "P", BASE MOUNT. (DWG. #888)
		FOUNDATION, CONTROLLER STREET LIGHT, SPECIAL, 100A & 200A. (DWG.#876 & # 880)
		FOUNDATION, TRANSCLOSURE; TRANSCLOSURE HOUSING. (DWG.# 583 & #891)
		CONTROLLER, UNDERPASS LIGHTING 120V. & 240V. (DWG. #860 & #861)
		MANHOLE, UTILITY, E=COMMONWEALTH EDISON; T=ILL. BELL TEL.; G=PEOPLES GAS; W=CITY WATER; P=CHGO PARK DISTRICT; CTA=C.T.A; S=SEWER
		JUNCTION BOX, IN PAVEMENT (DWG. #815)
		DETECTOR LOOP IN PAVEMENT
		CONDUIT or P.V.C., NUMBER, SIZE & TYPE. (AS NOTED)
		CONDUIT or P.V.C. ENCASED IN CONCRETE. (SECTION or NUMBER OF CONDUIT INDICATED)
		LUMINAIRE, H.P.S.V. 400W LAMP, 240V, SEMI-CUTOFF
		LUMINAIRE, H.P.S.V. 400W LAMP, 240V, CUTOFF
		LUMINAIRE, H.P.S.V. 310W LAMP, 240V
		LUMINAIRE, H.P.S.V. 310W LAMP 240V, CUTOFF
		LUMINAIRE, H.P.S.V. 150W LAMP, 240V
		LUMINAIRE, H.P.S.V. 150W LAMP, 120V
		LUMINAIRE, H.P.S.V. 250W LAMP, 120V, (ALLEY LIGHT)
		LUMINAIRE, H.P.S.V. 250W LAMP, 120V
		TERMINAL, CABINET F.A. & P.C.
		FIRE ALARM BOX, MOUNTED
		FIRE ALARM BOX, POLE MOUNTED
		CABLE, TRAFFIC SIGNAL, COMMUNICATION, 1-PAIR #14 SHIELDED, IN CONDUIT
		CABLE, TRAFFIC SIGNAL POWER SUPPLY, 2/C-#4, 600 V. EPR. IN CONDUIT
		CABLE, TRAFFIC SIGNAL POWER SUPPLY, 2 1/C-#2 or #1/0 600V. EPR IN CONDUIT
		CABLE, TRAFFIC SIGNAL POWER SUPPLY, 2/C-#10 or #6, 600V NSRI, IN CONDUIT
		CABLE, TRAFFIC SIGNAL, 7/C-#12 or #14, 600V, EPR IN CONDUIT
		CABLE, TRAFFIC SIGNAL, 10/C-#12 or #14, 600V, EPR IN CONDUIT
		CABLE, TRAFFIC SIGNAL, 14/C-#12 600V. EPR IN CONDUIT
		CABLE, TRAFFIC SIGNAL, 19/C-#12 or #14, 600V, EPR IN CONDUIT
		CABLE, STREET LIGHT, 2 1/C-#6, 600V. RINS IN PARKWAY
		CABLE, STREET LIGHT, 2 1/C-#6, 600V. RINS IN CONDUIT
		CABLE, STREET LIGHT, 2 1/C-#6 EPRN 600V. & 1 1/C-#8 GREEN, TRIPLEXED, IN CONDUIT
		CABLE, STREET LIGHT, 3 1/C-#1/0, or #2/0, or #4, 600V. EPR IN CONDUIT
		WIRE, STREET LIGHT, 2 1/C-#6, HDNS. AERIAL
		WIRE, STREET LIGHT, 2 1/C-#6 & 1 1/C #8, HDNS. AERIAL
		CABLE, STREET LIGHT AERIAL, 3 1/C-#4 or #2 SELF SUPPORTING, 600V EPR
		WIRE, F.A. & P.C. AERIAL, 1/C-#10, NUMERAL DENOTES QUANTITY
		CABLE, F.A. & P.C. AERIAL, W/ MESSENGER #19-(NUMBER OF PAIRS AS INDICATED)
		CABLE, F.A. & P.C. AERIAL, SELF SUPPORTING, #19-(NUMBER OF PAIRS AS INDICATED)
		CABLE, F.A. & P.C., IN CONDUIT, #19-(NUMBER OF PAIRS AS INDICATED)
		DOWNLIGHT ASSEMBLY. (DWG. #850)
		LIGHT, TRAFFIC SAFETY ISLAND
		FLASHING BEACON & DOWNLIGHT

ORNAMENTAL LUMINAIRES		
PROPOSED	EXISTING	
		310W PENDANT (240V)
		400W PENDANT (240V)
		250W PENDANT (240V)
		150W ACORN (120V)
		150W ACORN (240V)
		50W ACORN (240V)
		100W ACORN (240V)
		150W GLOBE (240V)
		100W GLOBE (240V)
		50W GLOBE (240V)

C 04-01-02	REVISED/REDRAW	R. POOL/B.I.
B 12-4-01	ADDED ORNAMENTAL SYMBOLS	
A 8-6-96	REDRAWN	
DATE	REVISION	
STANDARD CODE FOR TRAFFIC SIGNALS/ STREET LIGHTING		
CITY OF CHICAGO DEPT. OF STREETS AND SANITATION BUREAU OF ELECTRICITY DIVISION OF ELECTRICAL ENGINEERING		
DRAFTSMAN: R. IVY	CHIEF DRAFTSMAN: R. CARTER	ENGINEER: R. POOL/R.C/W.T.
SUPERVISING ENGINEER:	ELEC. DESIGN ENGR.	DWG. NO.
ENGINEER OF ELECTRICITY:		826
GEN'L. SUPT. OF CONSTRUCTION:		
DEPUTY COMMISSIONER:		
SIZE: 22" X 36"	SCALE:	DATE:



D160W71-sht-Light-18	DESIGNED - WDS	REVISED -
USER NAME = myersc	DRAWN - CAM	REVISED -
PLOT SCALE = 1:8000' / in.	CHECKED - WDS	REVISED -
PLOT DATE = 12/18/2013	DATE - 12/20/13	REVISED -

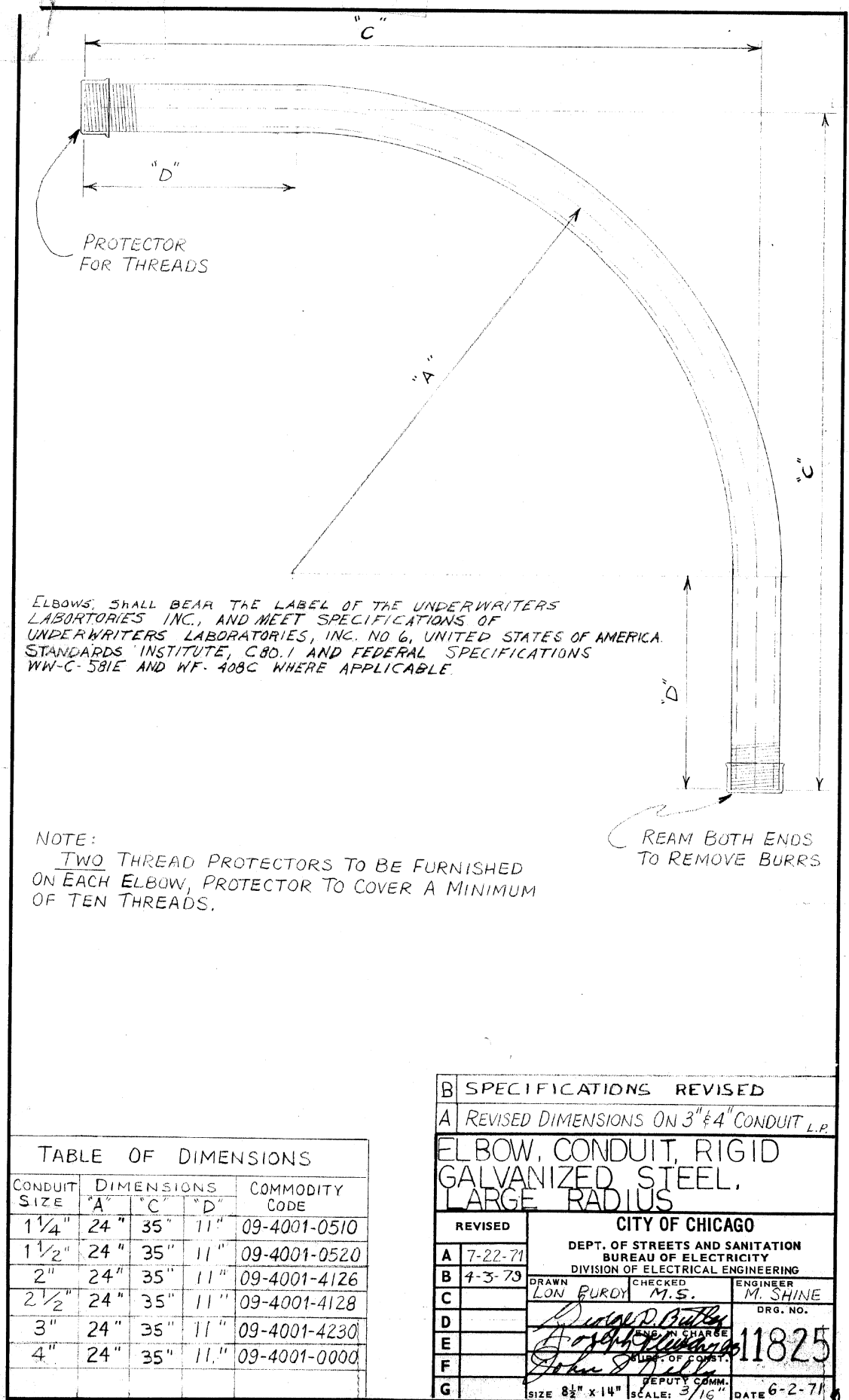
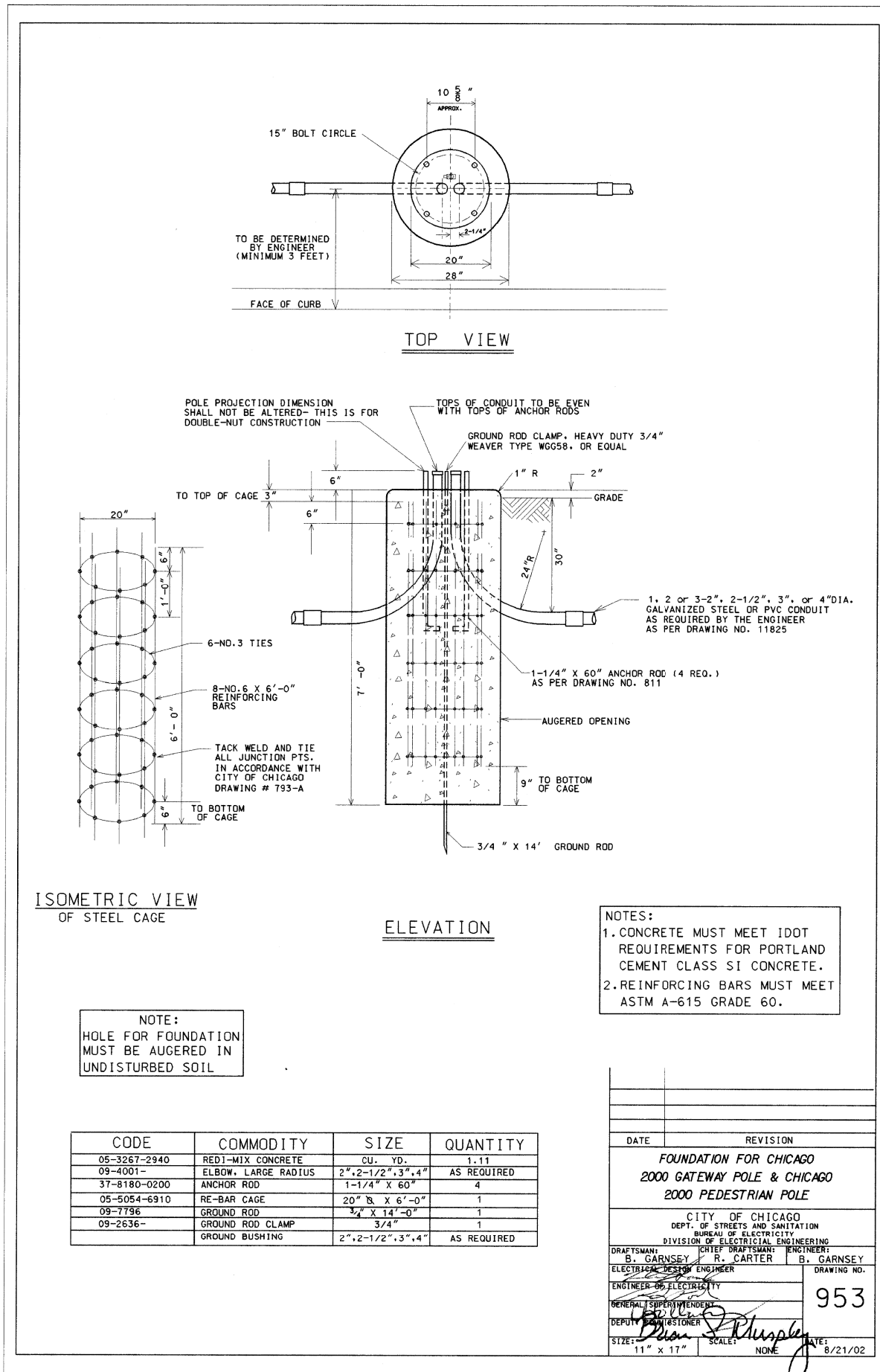
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS ELECTRICAL DETAILS

SCALE: N.T.S. SHEET 18 OF 19 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	90
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\388935-pantl\escomonline\local\p\ae\000\Documents\01_Americas\Transportation\62629938_Circle\Phase_1\000_CAD\016_Electrical\Sheets\60W71_Contract\0160W71-sht-Light-19



B	SPECIFICATIONS REVISED
A	REVISED DIMENSIONS ON 3" X 4" CONDUIT L.P.
ELBOW, CONDUIT, RIGID GALVANIZED STEEL, LARGE RADIUS	
REVISED	CITY OF CHICAGO
A 7-22-71	DEPT. OF STREETS AND SANITATION
B 4-3-79	BUREAU OF ELECTRICITY
C	DIVISION OF ELECTRICAL ENGINEERING
D	DRAWN: LON BURDY
E	CHECKED: M.S.
F	ENGINEER: M. SHINE
G	DRG. NO. 11825
	DEPUTY COMM. DATE 6-2-71
	SIZE 8 1/2" X 14" SCALE: 3/16" DATE 6-2-71



D160W71-sht-Light-19
USER NAME = myersc
PLOT SCALE = 1:0000 / 1/8"
PLOT DATE = 12/18/2013

DESIGNED - WDS
DRAWN - CAM
CHECKED - WDS
DATE - 12/20/13

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS ELECTRICAL DETAILS

SCALE: N.T.S. SHEET 19 OF 19 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-036R	COUNTY COOK	TOTAL SHEETS 256	SHEET NO. 91
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

HARRISON STREET

11+00

REVERSING LOOP

CARD READER
(TYP. OF 4)
NOTE 6

NOTE 3

4'-0"
(TYP.)

10'-0"

NOTE 1 & 3

NOTE 2 & 3

15'-0"

NOTE 4

NOTE 5

NOTE 5

CERMAK
PUMPING
STATION

NOTE 1 & 3

NOTE 2 & 3

15'-0"

NOTE 5

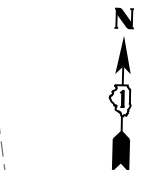
NOTE 5

NOTE 4

REVERSING LOOP

NOTE 3

PIVOT LIFT
GATE OPERATOR
(TYP. OF 2)



GRAPHIC SCALE



PROPOSED

NOTES:

1. PEDESTRIAN SAFETY INFRARED PHOTO BEAM AND REFLECTOR TO BE INSTALLED AT GATE. INSTALL ON NEW PAINTED STEEL POSTS.
2. VEHICLE SAFETY INFRARED PHOTO BEAM AND REFLECTOR TO BE INSTALLED SIX FEET FROM GATE. INSTALL ON NEW PAINTED STEEL POSTS.
3. INSTALL 1-6/C #18 IN 3/4" GRS CONDUIT TO EACH SAFETY DEVICE.
4. INSTALL 1-2/C #18 IN 1" GRS CONDUIT TO NEW ACCESS CONTROLLER. SEE SHEET 91C FOR CONTINUATION. INSTALL 2-#10 AND 1-#10 AWG GND IN 1" GRS CONDUIT TO EXISTING CPP-1. SEE SHEET 91C FOR CONTINUATION.
5. INSTALL 1-6/C #18 IN 3/4" GRS CONDUIT TO NEW ACCESS CONTROLLER. SEE SHEET 91C FOR CONTINUATION. INSTALL SPARE 1" GRS CONDUIT WITH PULL ROPE. CAP CONDUIT JUST INSIDE THE BUILDING.
6. SEE SHEET 91D FOR CARD READER GOOSENECK INSTALLATION DETAILS.

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D160W71-sht-Fence-ELEC-01.dgn
USER NAME = chiue
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/20/2014

DESIGNED - BMW	REVISED -
DRAWN - BMW	REVISED -
CHECKED - WDS	REVISED -
DATE - 02/19/14	REVISED -

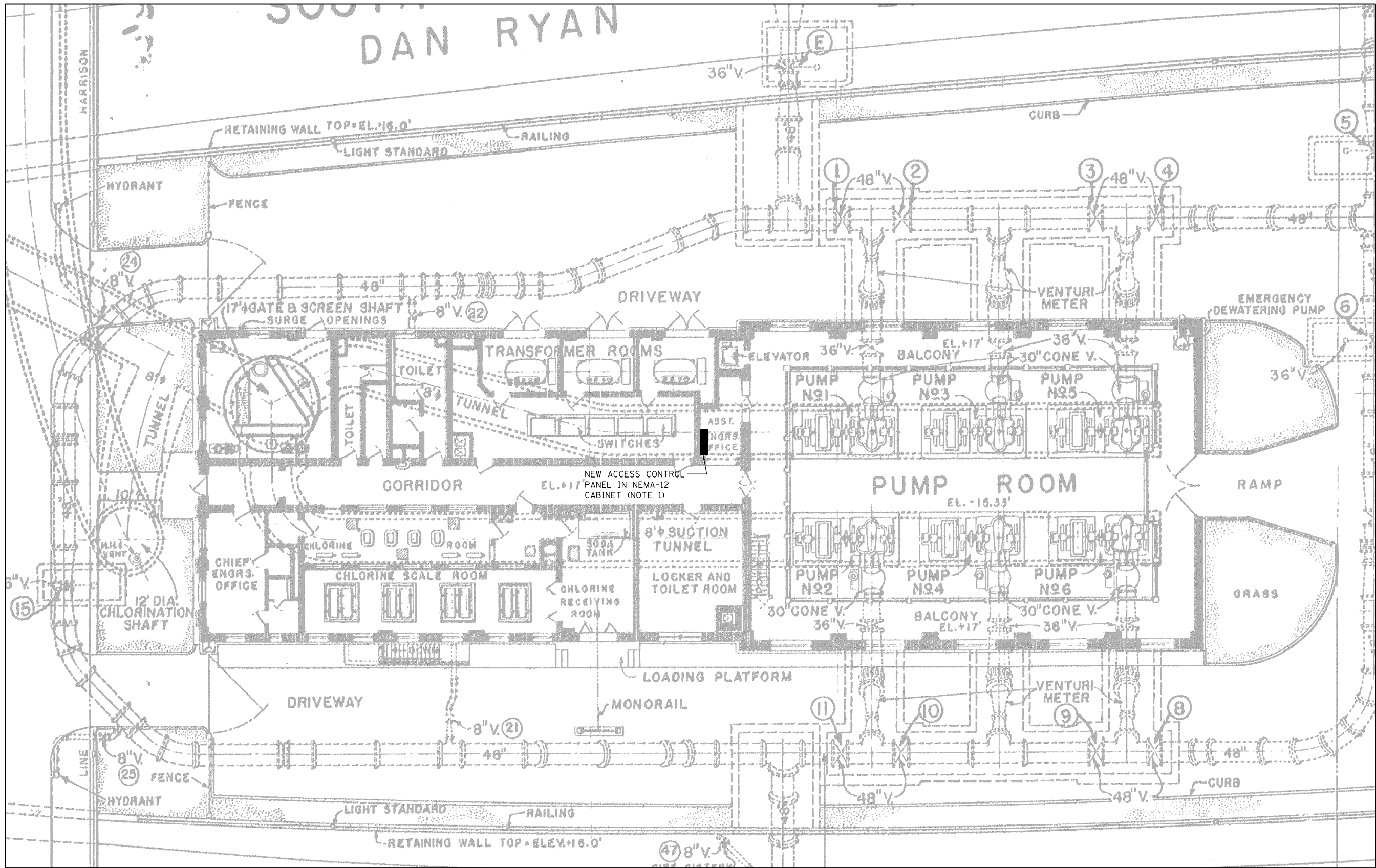
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GATE OPERATOR
ELECTRICAL PLAN**

SCALE: 1" = 10' SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-036R	COUNTY COOK	TOTAL SHEETS 256	SHEET NO. 91A
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

DAN RYAN



NOTES:

1. INSTALL CABINET ON WALL USING GALVANIZED C-CHANNEL SUPPORTS TO BE ANCHORED TO WALL.

FILE PATH = p:\388035-p\m\1\escomon\me\local\p\AECD\000\Documents\01_Americas\Transportation\62629938_Circle\Phase_1\000_CAD\005_Roadway\Sheets\60W71_Contract\0160W71-Sht-Fence-ELEC-02.dgn



D160W71-Sht-Fence-ELEC-02.dgn
 USER NAME = chiuw
 PLOT SCALE = 2.0000' / in.
 PLOT DATE = 2/20/2014

DESIGNED - BMW	REVISED -
DRAWN - BMW	REVISED -
CHECKED - WDS	REVISED -
DATE - 02/19/14	REVISED -

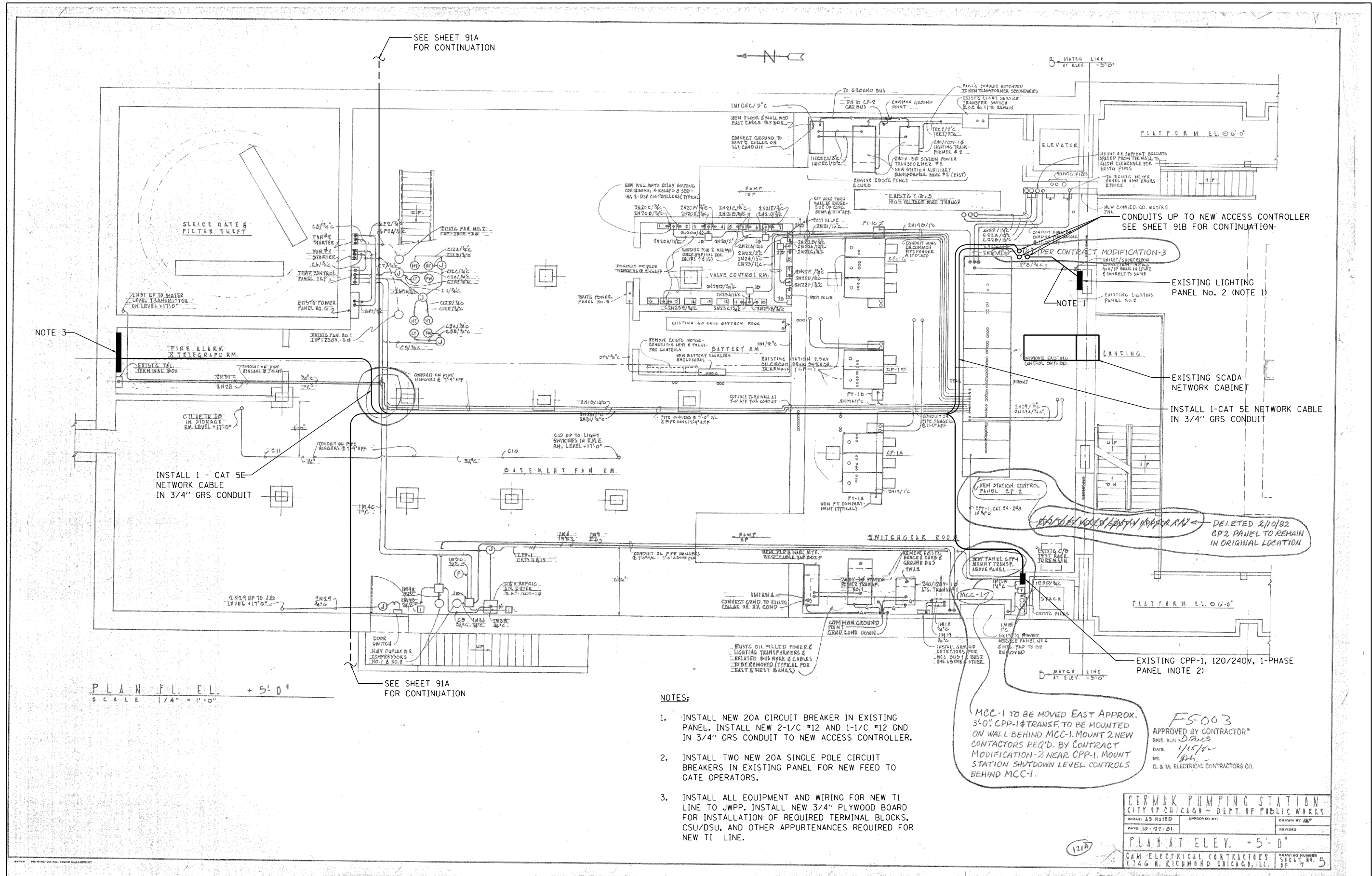
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GATE OPERATOR
ELECTRICAL PLAN

SCALE: N.T.S. SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	91B
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

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PLAN F.L. EL. + 5'-0"
SCALE 1/4" = 1'-0"

SEE SHEET 91A FOR CONTINUATION

NOTES:

1. INSTALL NEW 20A CIRCUIT BREAKER IN EXISTING PANEL. INSTALL NEW 2-1/2" #12 AND 1-1/2" #12 GND IN 3/4" GRS CONDUIT TO NEW ACCESS CONTROLLER.
2. INSTALL TWO NEW 20A SINGLE POLE CIRCUIT BREAKERS IN EXISTING PANEL FOR NEW FEED TO GATE OPERATORS.
3. INSTALL ALL EQUIPMENT AND WIRING FOR NEW T1 LINE TO JWPP. INSTALL NEW 3/4" PLYWOOD BOARD FOR INSTALLATION OF REQUIRED TERMINAL BLOCKS, CSU/DSU, AND OTHER APPURTENANCES REQUIRED FOR NEW T1 LINE.

MCC-1 TO BE MOVED EAST APPROX. 3'-0". CPP-1 TRANSF. TO BE MOUNTED ON WALL BEHIND MCC-1. MOUNT 2 NEW CONTACTORS REQ'D. BY CONTRACT MODIFICATION-2 NEAR CPP-1. MOUNT STATION SHUTDOWN LEVEL CONTROLS BEHIND MCC-1.

F5003
APPROVED BY CONTRACTOR*
SPEC. R. D. R. S.
DATE: 1/15/14
BY: [Signature]
G. & M. ELECTRICAL CONTRACTORS CO.

CERMAK PUMPING STATION CITY OF CHICAGO - DEPT. OF PUBLIC WORKS			
SCALE: AS NOTED	APPROVED BY:	DATE: 10-27-01	DRAWN BY: [Signature]
PLAN AT ELEV. + 5'-0"		DRAWING NUMBER: SHEET NO. 5	
G & M ELECTRICAL CONTRACTORS 1746 N. RICHMOND CHICAGO, ILL.			



D160W71-Sht-Fence-ELEC-03.dgn
USER NAME = chiue
PLOT SCALE = 2.0000' / in.
PLOT DATE = 2/20/2014

DESIGNED - BMW	REVISED -
DRAWN - BMW	REVISED -
CHECKED - WDS	REVISED -
DATE - 02/19/14	REVISED -

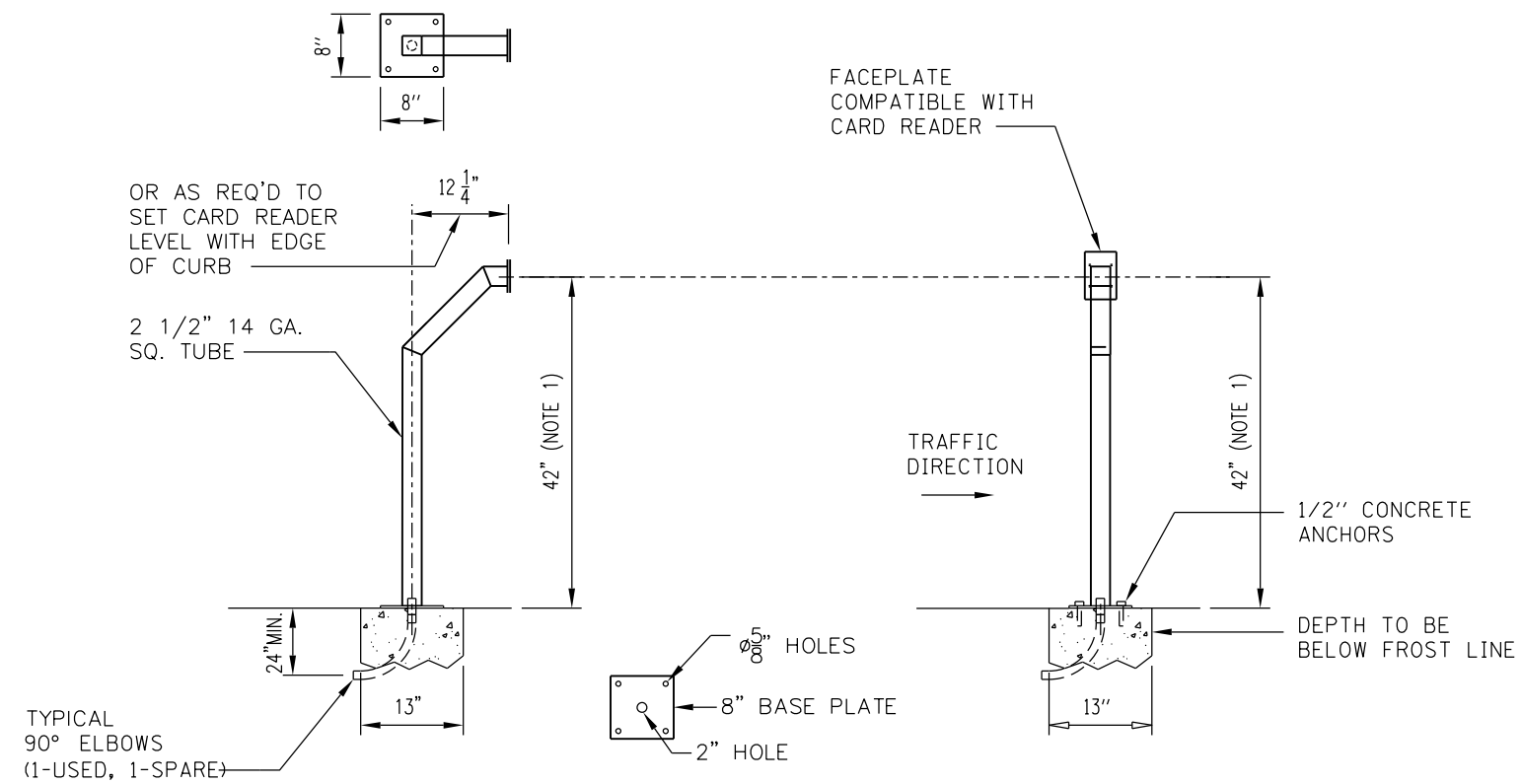
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GATE OPERATOR
ELECTRICAL PLAN
SCALE: N.T.S. SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	91C
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

NOTES:

- HEIGHT OF GOOSENECK TO BE SET AT 42" ABOVE TOP OF DRIVEWAY SURFACE.



① CARD READER GOOSENECK DETAIL

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D160W71-Sht-Fence-ELEC-04.dgn	DESIGNED - BMW	REVISED -
USER NAME = chisw	DRAWN - BMW	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - WDS	REVISED -
PLOT DATE = 2/20/2014	DATE - 02/19/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

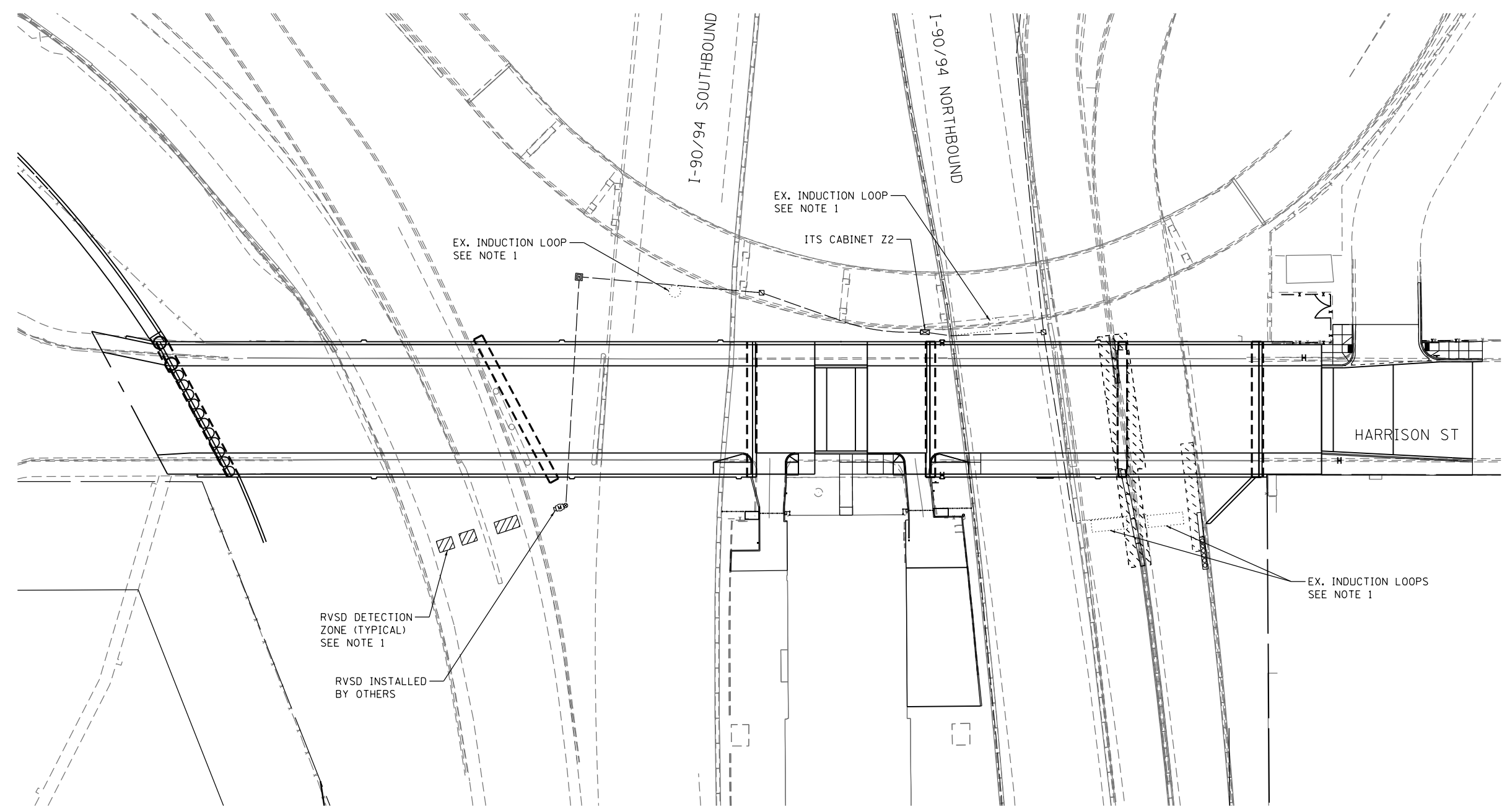
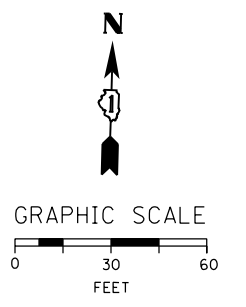
GATE OPERATOR
ELECTRICAL DETAILS

SCALE: N.T.S. SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	91D
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

NOTES

1. MAINTAIN THE EXISTING IDOT DETECTION SYSTEMS (ITS) AFFECTED BY THE HARRISON STREET CONSTRUCTION. THIS WORK SHALL BE INCLUDED IN THE COST OF "MAINTAINING ITS DURING CONSTRUCTION" PAY ITEM. SEE THE "OPERATION OF EXISTING TRAFFIC SURVEILLANCE/SPEED/COUNT STATIONS" SPECIAL PROVISION FOR ADDITIONAL DETAILS.



FILE PATH = p:\388035\pmt\escomon\local\AECOM\Documents\01_Americas\Transportation\6269938_Circle\Phase_1\000_CAD\005_Roadway_Sheets\60W71_Contract\0160W71-shr-ITS-01



D160W71-shr-ITS-01	DESIGNED - JML	REVISED -
USER NAME = chiue	DRAWN - JML	REVISED -
PLOT SCALE = 60.0000' / in.	CHECKED - WDS	REVISED -
PLOT DATE = 2/21/2014	DATE - 02/19/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ITS PLAN HARRISON STREET	
SCALE: 1" = 30'	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	92
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

Bench Mark: Cut square at center of door entrance to 707 W. Harrison St; South side of Harrison St. ±90' west of west line of Des Plaines. Elevation 597.47.

Existing Structure: SN 016-1088 was originally built in 1960 as part of the F.A.I. Route No. 4 Project, Section S-2626.2-1B, and reconstructed in 1989 under Section 1985-080 R. The existing structure is a three (3) span bridge with a reinf. concrete deck supported on steel WF beams. The existing substructure consists of reinforced concrete abutments and multi column piers founded on sub-piers (reinforced concrete caissons). The existing structure has an overall length of 152'-1 3/8" and an out-to-out deck width of 68'-4". The existing structure is to be removed and replaced. Harrison Street traffic will be detoured via local roads during construction and bridge will be closed. Local access to Cermak Pump Station provided via structure (SN 016-1713).

Salvage portion of existing West Abutment and North Retaining Wall.

Proposed West Abutment is designed for vertical load and portion of lateral load. The remainder of the lateral load is resisted by the existing counterfort wall, which is to remain.

DESIGN SPECIFICATIONS
2012 AASHTO LRFD Bridge Design Specifications, 6th Edition with 2013 Interim Revisions

LOADING HL-93
Allow 50#/sq. ft. for future wearing surface.

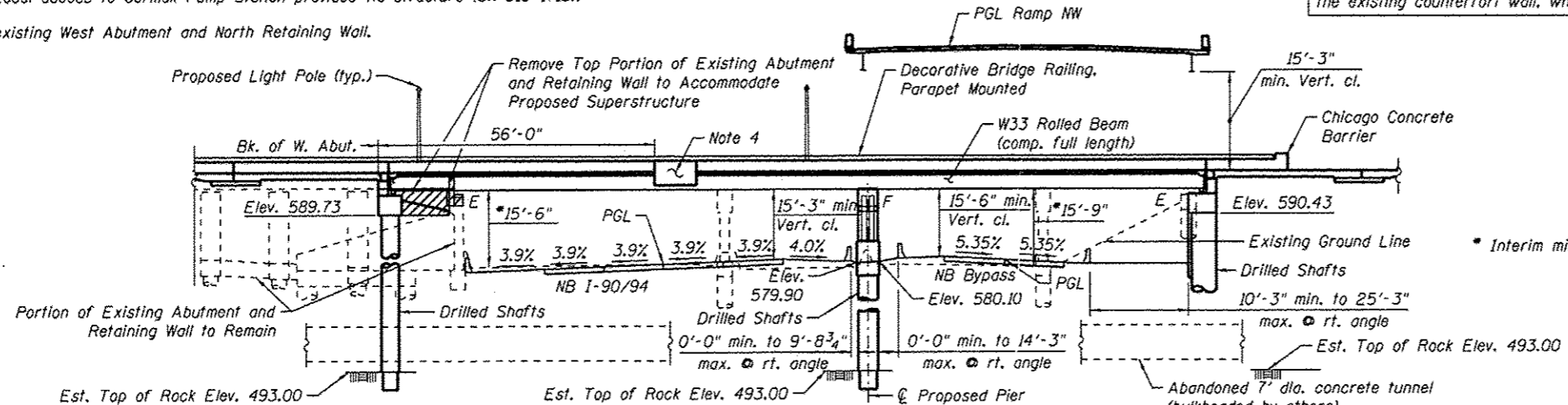
DESIGN STRESSES
FIELD UNITS

f'c = 3,500 psi
f'c = 7,000 psi (East Abut. Drilled Shafts)
fy = 60,000 psi (Reinforcement)
fy = 50,000 psi (M270 Grade 50)
fy = 36,000 psi (M270 Grade 36)

EXISTING UNITS
f'c = 3,000 psi
fy = 40,000 psi (Reinforcement)

SEISMIC DATA

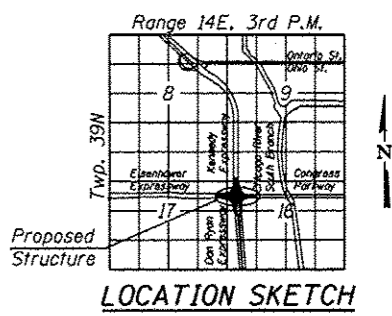
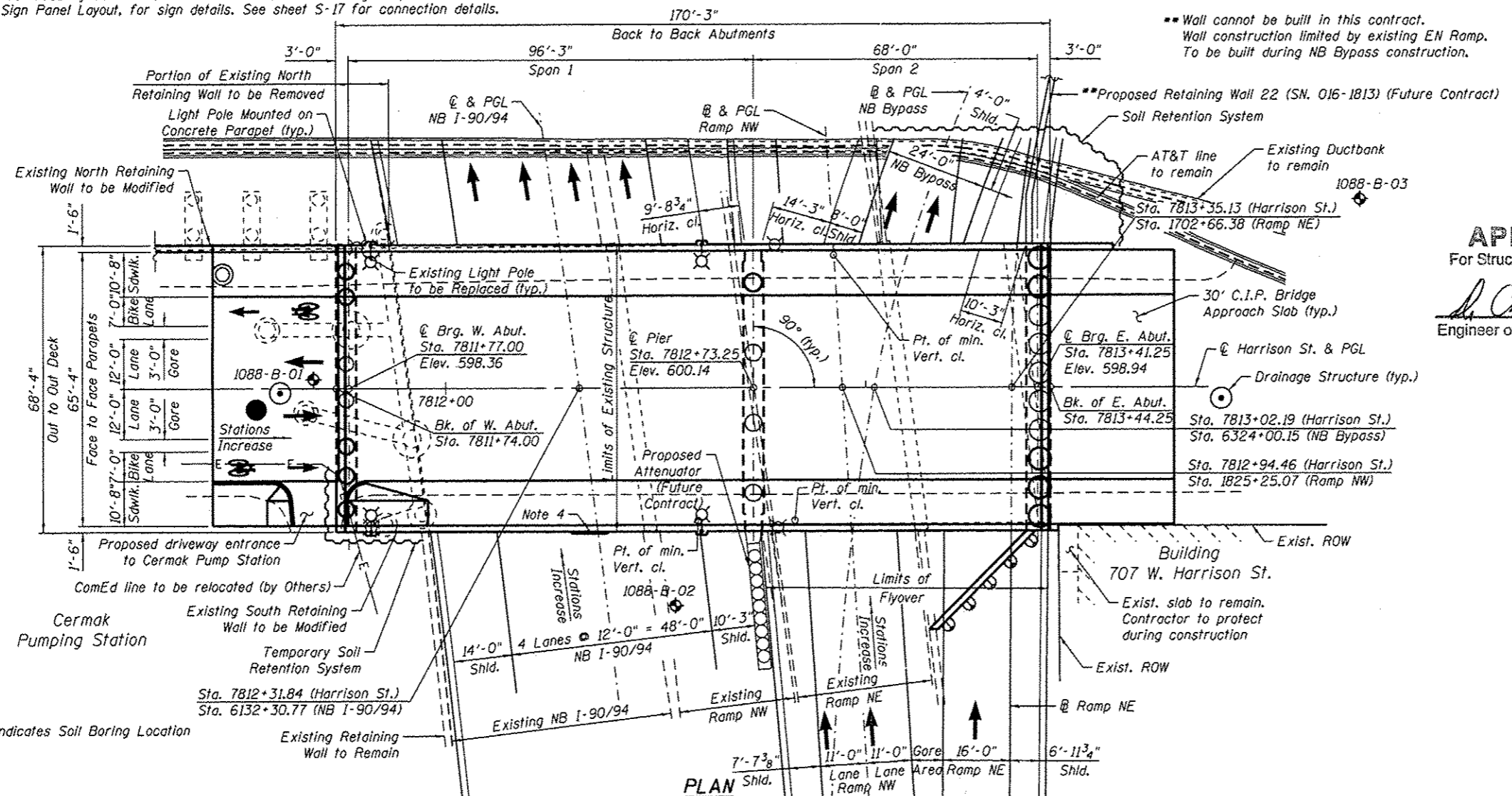
Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec. (S_{D1}) = 0.085g
Design Spectral Acceleration at 0.2 sec. (S_{D5}) = 0.144g
Soil Site Class = D



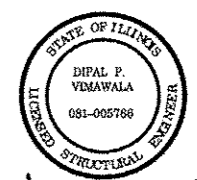
NOTES:

1. Utilities are not shown for clarity. For utility locations see sheet S-07.
2. For soil and temporary soil retention system details see sheet S-07.
3. See Civil Plans for roadway barrier removal under the structure along ramps and I-90/94.
4. See Civil Plan Sign Panel Layout, for sign details. See sheet S-17 for connection details.

ELEVATION



APPROVED
For Structural Adequacy Only
[Signature]
Engineer of Bridges & Structures



[Signature]
EXPIRATION DATE: 11-30-2014 12/18/13

GENERAL PLAN & ELEVATION
HARRISON ST. OVER
F.A.I. RTE. NB 90/94
(DAN RYAN EXPRESSWAY)
F.A.I. RTE. 90/94/290 - SECTION 2013-036R
COOK COUNTY
STATION 7812+31.84
STRUCTURE NO. 016-1711



USER NAME = dunkerlayb	DESIGNED - DD	REVISED
CHECKED - EJO	CHECKED - EJO	REVISED
DRAWN - MRK	DRAWN - MRK	REVISED
CHECKED - EJO	CHECKED - EJO	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
STRUCTURE NO. 016-1711
SHEET NO. 5-01 OF 5-47 SHEETS

F.A.I. RTE. 90/94/290	SECTION 2013-036R	COUNTY COOK	TOTAL SHEETS 256	SHEET NO. 93
CONTRACT NO. 60W71			ILLINOIS FED. AID PROJECT NUMBER	

0161711-60W71-501-CPE

GENERAL NOTES

- Fasteners shall be ASTM A325 Type 1, hot-dipped galvanized bolts. Bolts 7/8" φ, holes 15/16" φ, unless otherwise noted. (see special provisions for hot-dipped galvanizing for structural steel)
- Calculated weight of structural steel
Grade 50 = 562,560 lbs.
Grade 36 = 31,900 lbs.
- All structural steel shall be hot dipped galvanized, cost included in Furnishing and Erecting Structural Steel pay item (see special provisions for hot-dipped galvanizing for structural steel).
- Expansion joint plates and attached bars shall be shop painted with inorganic zinc rich primer.
- No field welding is permitted except as specified in the contract documents.
- Reinforcement bars designated (E) shall be epoxy coated.
- Existing plans are provided as part of this contract plan set for information only. See Existing As-Builts SN 016-1088 sheets.
- Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
- The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
- Concrete Sealer shall be applied to the designated areas of the abutments and pier.
- Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8 inch (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.
- Slipforming of the parapets is not allowed.
- For the Conduit Attached to Structure and Embedded in Structure quantities and details, see Civil and Electrical Plans.
- The Contractor shall exercise extreme caution during construction to make certain that construction activities, live load surcharge and other loads applied to the structures will not have detrimental effects on the adjacent building foundations.
- For drilled shaft locations where permanent casing is required as shown on the plans, the casing will be paid for under the Permanent Casing pay item. If contractor elects to use permanent casing for ease of construction in locations where permanent casing is not required on the plans the casing will not be paid for separately and is included in the Drilled Shaft in Soil pay item.
- Abandoned 7' dia. concrete tunnel bulkheaded by others in a separate contract. Several drilled shaft foundations will be placed thru the tunnel. Drilling operations must account for the presence of debris, soil and other expected materials.

INDEX OF SHEETS

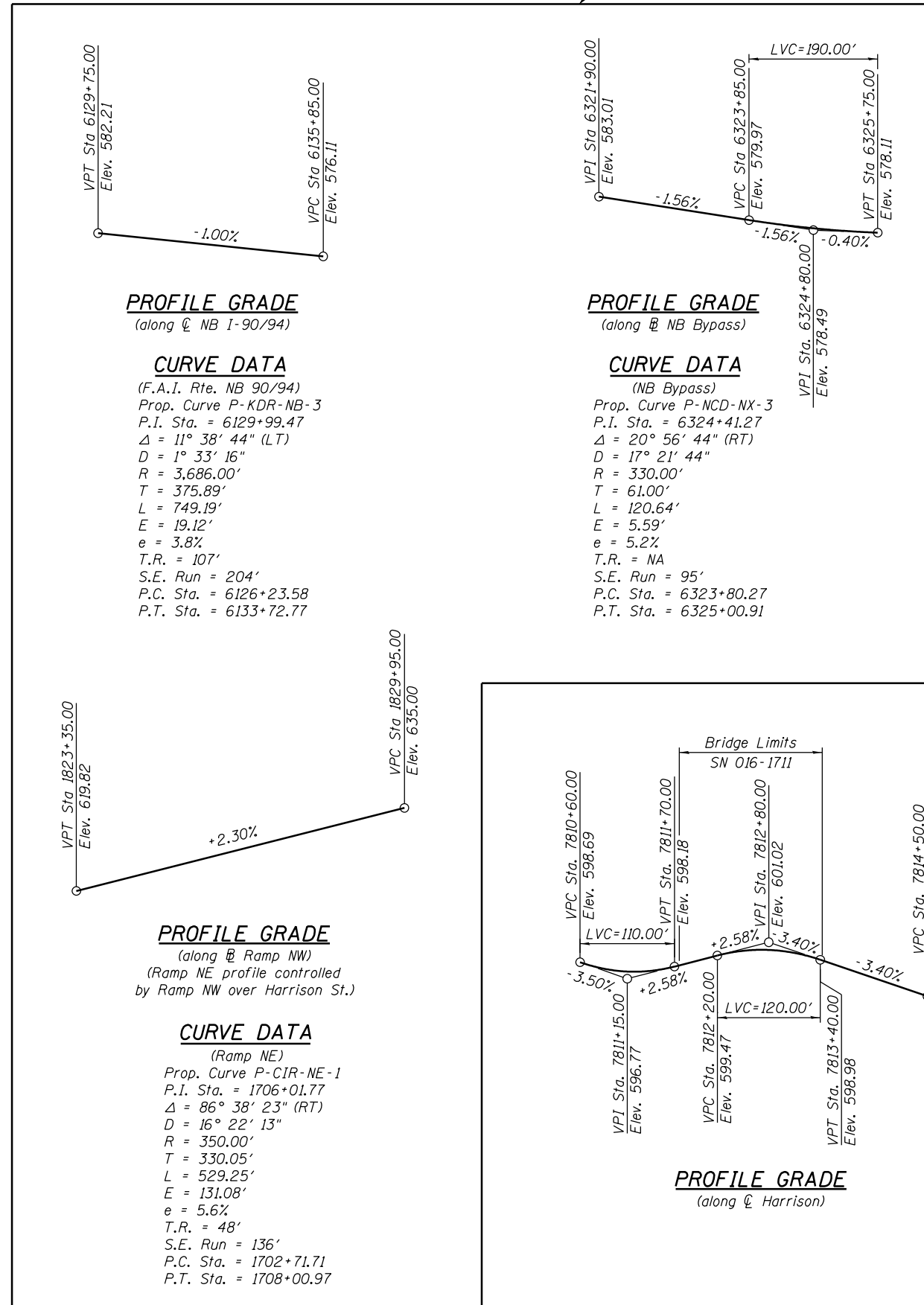
- S-01 General Plan and Elevation
- S-02 General Notes and Index of Sheets
- S-03 Total Bill of Material and Abutment Sections
- S-04 Existing Structural Removal (1 of 3)
- S-05 Existing Structural Removal (2 of 3)
- S-06 Existing Structural Removal (3 of 3)
- S-07 Substructure Layout
- S-08 Top of Slab Elevation Plan
- S-09 Top of Slab Elevations - I
- S-10 Top of Slab Elevations - II
- S-11 Top of Slab Elevations - III
- S-12 Top of Slab Elevations - IV
- S-13 Top of Slab Elevations - V
- S-14 Top of West Approach Slab Elevation
- S-15 Top of East Approach Slab Elevation
- S-16 Deck Plan - I
- S-17 Deck Plan - II
- S-18 Deck Cross Section
- S-19 Parapet Elevations
- S-20 Deck Details
- S-21 Parapet and Decorative Railing Parapet Mounted Details
- S-22 West Approach Slab Plan
- S-23 West Approach Slab Details
- S-24 East Approach Slab Plan
- S-25 East Approach Slab Details
- S-26 Expansion Joint Details
- S-27 Beam Framing Plan
- S-28 Beam Details and Tables
- S-29 Elastomeric Bearing Details
- S-30 Fixed Bearing Details
- S-31 West Abutment Plan and Elevation
- S-32 West Abutment Section and Details
- S-33 West Abutment Repair Details (1 of 2)
- S-34 West Abutment Repair Details (2 of 2)
- S-35 East Abutment Plan and Elevation
- S-36 East Abutment Sections
- S-37 Soldier Pile and Lagging Wall Sections
- S-38 East Abutment Fence Details
- S-39 East Abutment Details
- S-40 East Abutment Architectural Details
- S-41 Pier Plan and Elevation
- S-42 Pier Details
- S-43 Pier Architectural Details
- S-44 Bar Splicer Assembly
- S-45 Boring Logs - I
- S-46 Boring Logs - II
- S-47 Boring Logs - III

AS-01 thru AS-72 Existing As-Builts SN 016-1088

STATION 7812+31.84
BUILT BY
STATE OF ILLINOIS
F.A.I. RTE. 90/94/290-SEC. 2013-036R
LOADING HL-93
STRUCTURE NO. 016-1711

NAME PLATE
See Std. 515001

Locate Name Plate at the front face of Parapet at Southwest corner.



For Information Only,
Part of Future Contract



USER NAME = dabe2lcd	DESIGNED - DD	REVISED
PLOT SCALE = N.T.S.	CHECKED - EJO	REVISED
PLOT DATE = 2/19/2014	DRAWN - BRD	REVISED
	CHECKED - EJO	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND INDEX OF SHEETS
STRUCTURE NO. 016-1711

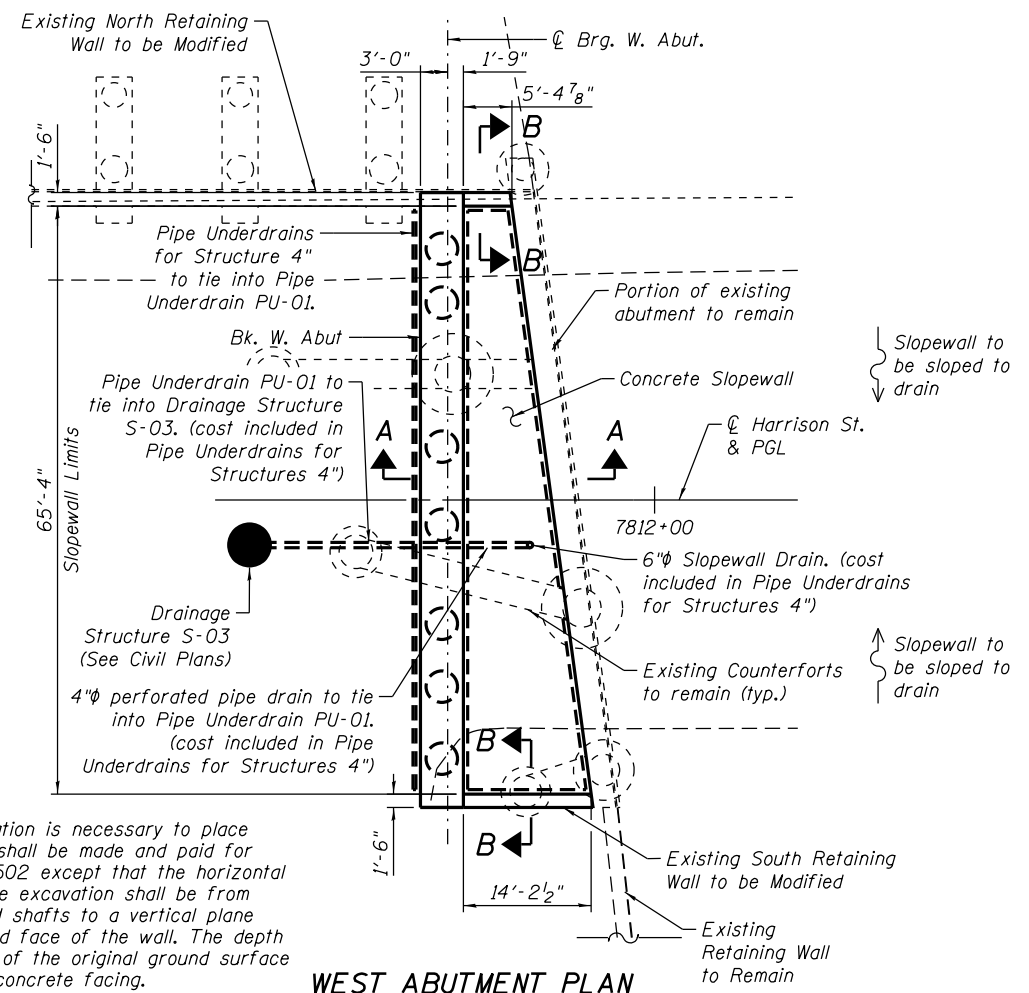
SHEET NO. S-02 OF S-47 SHEETS

F.A.I. RTE. 90/94/290	SECTION 2013-036R	COUNTY COOK	TOTAL SHEETS 256	SHEET NO. 94
CONTRACT NO. 60W71			ILLINOIS FED. AID PROJECT -NUMBER-	

0161711-60W71-S02-GenNote

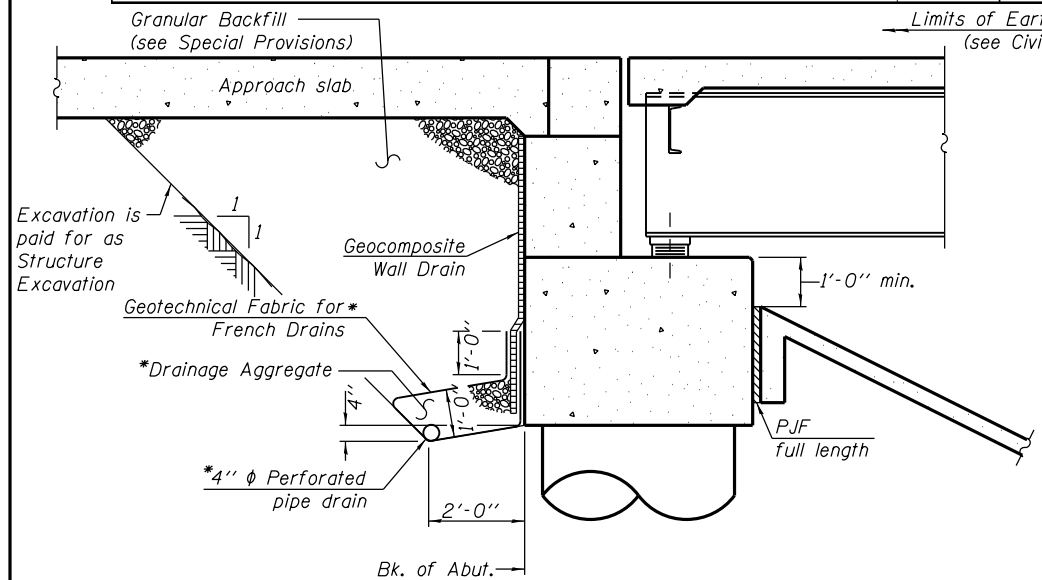
TOTAL BILL OF MATERIALS

DESCRIPTION	UNIT	S.N. 016-1711		TOTAL
		SUPER	SUB	
GRANULAR BACKFILL FOR STRUCTURES	CU. YD.		212	212
REMOVAL OF EXISTING STRUCTURES	EACH	1		1
PROTECTIVE SHIELD	SQ. YD.	1,128		1,128
STRUCTURE EXCAVATION	CU. YD.		1,064	1,064
CONCRETE STRUCTURES	CU. YD.		335	335
CONCRETE SUPERSTRUCTURE	CU. YD.	734		734
BRIDGE DECK GROOVING	SQ. YD.	1,068		1,068
FORM LINER TEXTURED SURFACE	SQ. FT.		1,002	1,002
PROTECTIVE COAT	SQ. YD.	1,848		1,848
FURNISHING AND ERECTING STRUCTURAL STEEL	L. SUM	1		1
STUD SHEAR CONNECTORS	EACH	6,166		6,166
REINFORCEMENT BARS	POUND		447,480	447,480
REINFORCEMENT BARS, EPOXY COATED	POUND	131,390	71,060	202,450
MECHANICAL SPLICERS	EACH		440	440
BAR SPLICERS	EACH	122		122
SLOPE WALL 4 INCH	SQ. YD.		72	72
NAME PLATES	EACH	1		1
PERMANENT CASING	FOOT		1,266	1,266
DRILLED SHAFT IN SOIL	CU. YD.		1,024	1,024
DRILLED SHAFT IN ROCK	CU. YD.		11	11
PREFORMED JOINT STRIP SEAL	FOOT	135		135
ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	24		24
ANCHOR BOLTS, 3/4"	EACH	48		48
ANCHOR BOLTS, 1"	EACH	24		24
CONCRETE SEALER	SQ. FT.		6,606	6,606
EPOXY CRACK INJECTION	FOOT		5	5
GEOCOMPOSITE WALL DRAIN	SQ. YD.		145	145
CHAIN LINK FENCE, 4'	FOOT		84	84
STRUCTURAL REPAIR OF CONCRETE (Depth equal or less than 5")	SQ. FT.		78	78
STRUCTURAL REPAIR OF CONCRETE (Depth greater than 5")	SQ. FT.		13	13
PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT		266	266
CLASS SI CONCRETE MISCELLANEOUS	CU. YD.		69	69
DECORATIVE RAILING (PARAPET MOUNTED)	FOOT	405		405
SOIL RETENTION SYSTEM	SQ. FT.		1,636	1,636
TEMPORARY SOIL RETENTION SYSTEM	SQ. FT.		481	481
CROSSHOLE SONIC LOGGING	EACH		3	3
UNTREATED TIMBER LAGGING	SQ. FT.		458	458
DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU. FT.		3,101	3,101
FURNISHING SOLDIER PILES (W SECTION)	FOOT		323	323
CHAIN LINK FENCE, 42" ATTACHED TO STRUCTURE (SPECIAL)	FOOT		33	33
FOUNDATION CONSTRUCTION AT TUNNEL/EXISTING SHAFT OBSTRUCTIONS	EACH		19	19



Note A:
When structure excavation is necessary to place a concrete facing, it shall be made and paid for according to Section 502 except that the horizontal limits for the structure excavation shall be from the face of the drilled shafts to a vertical plane 2 ft. from the finished face of the wall. The depth shall be from the top of the original ground surface to the bottom of the concrete facing.

WEST ABUTMENT PLAN

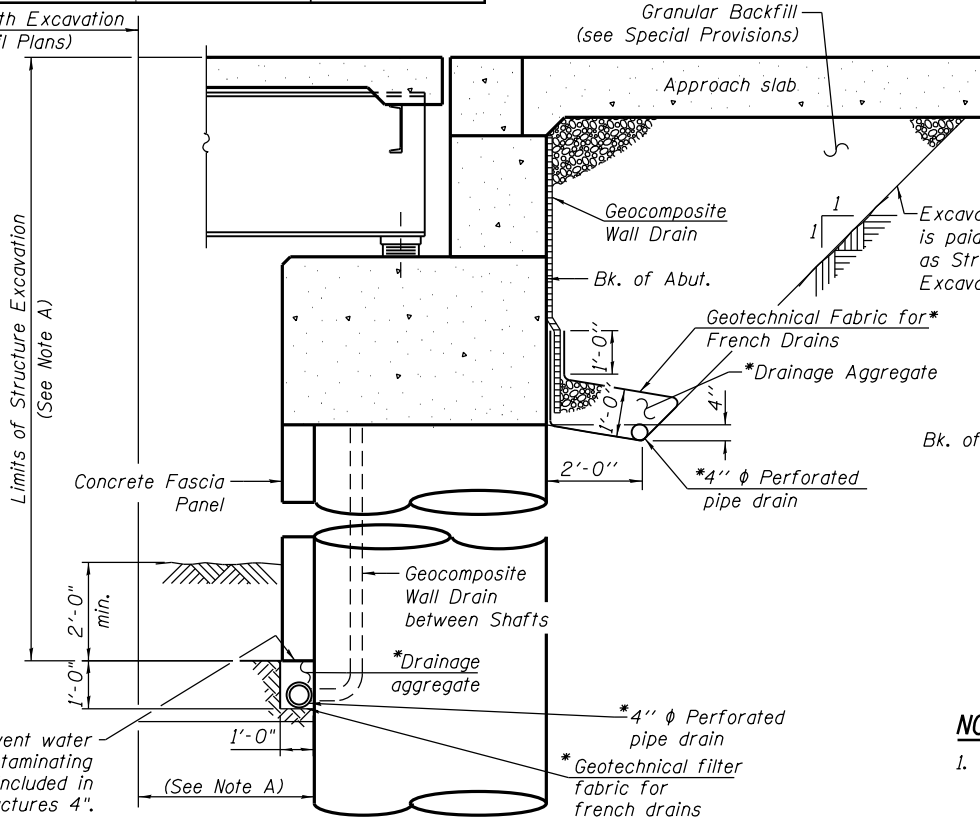


SECTION THRU WEST ABUTMENT

*Included in the cost of Pipe Underdrains for Structures 4".

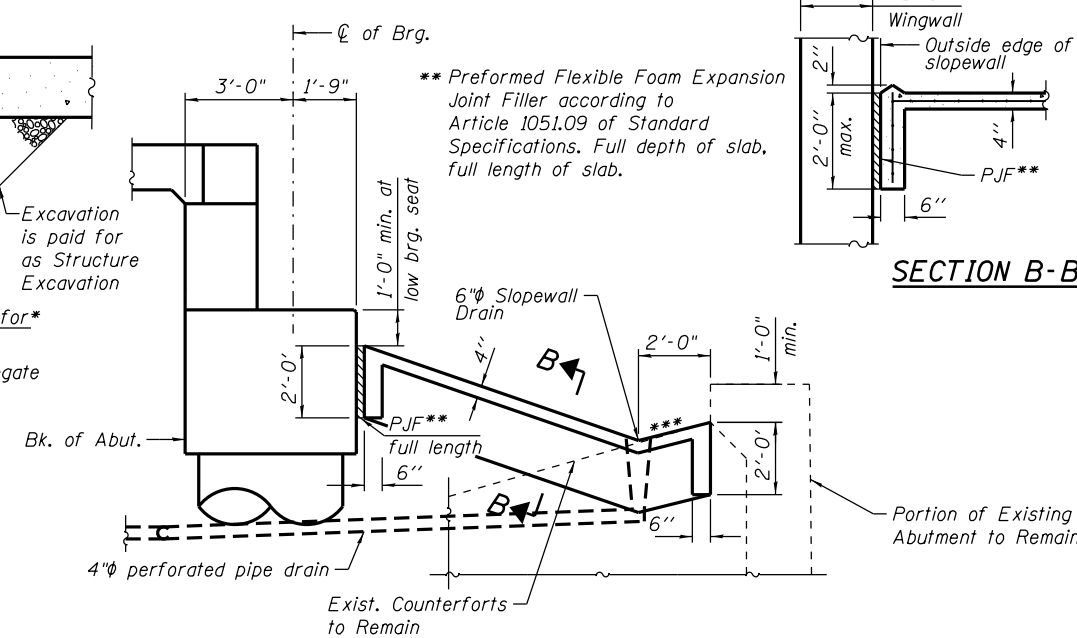
Note:
West abutment drainage system components shall extend the full width of the abutment and tie into Drainage Structure S-03.

East abutment drainage system components under the concrete fascia panel along the NB Bypass shall extend to the end of abutment to the north and to the end of the soldier pile and lagging wall to the south and tie into Drainage Structure S-12 (see Civil Plans).
The drainage system components behind the abutment shall extend the full width of the abutment and tie into Drainage Structure S-07.



SECTION THRU EAST ABUTMENT

*Included in the cost of Pipe Underdrains for Structures 4".



SECTION A-A THRU CONCRETE SLOPEWALL WEST ABUTMENT

NOTES:

1. Slope wall shall be reinforced with welded wire fabric, 6 in. x 6 in. - W4.0 x W4.0, weighing 58 lbs. per 100 sq. ft. Cost included in Slope Wall 4 Inch pay item.

2. Work this sheet with sheets S-31 and S-32.

***1:4 (V:H)

0161711-60W71-S03-GenNote



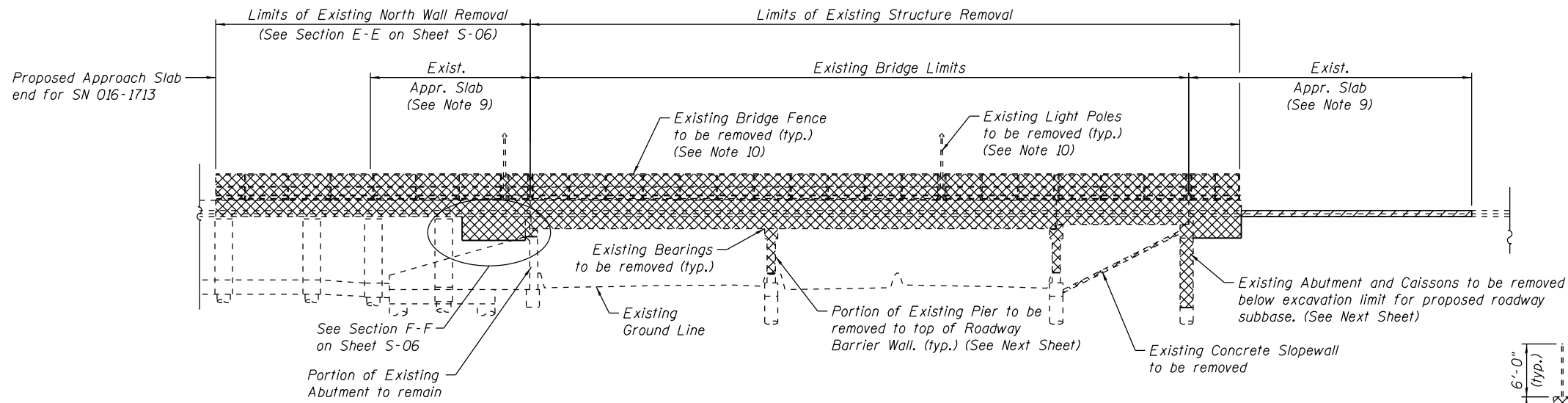
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PLOT DATE = 3/21/2014	CHECKED - EJO	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

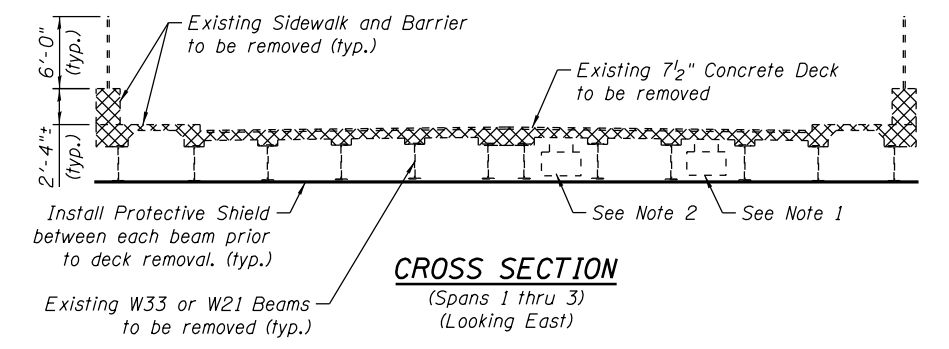
**TOTAL BILL OF MATERIAL AND ABUTMENT SECTIONS
STRUCTURE NO. 016-1711**

SHEET NO. S-03 OF S-47 SHEETS

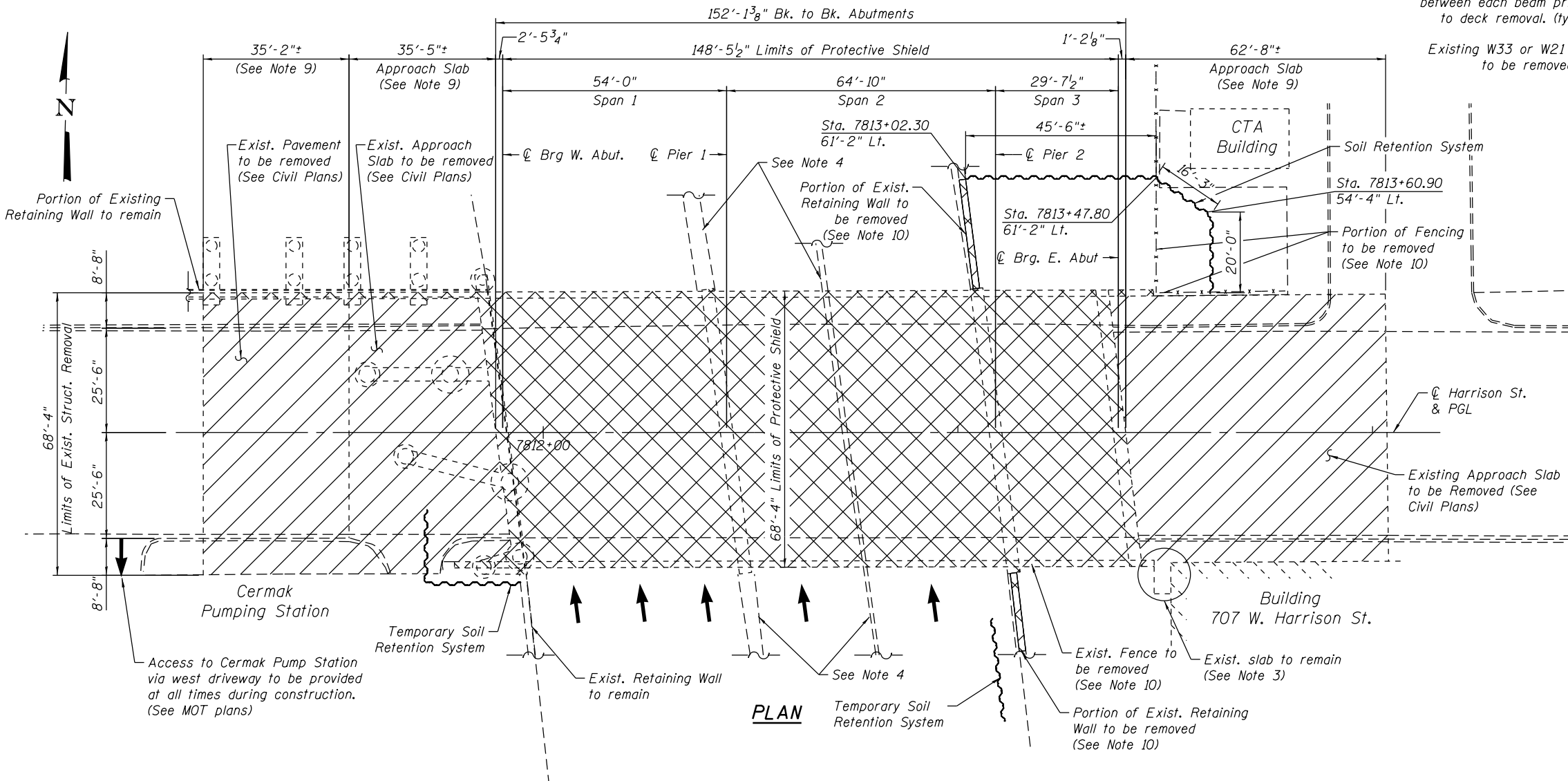
F.A.I. RTE. 90/94/290	SECTION 2013-036R	COUNTY COOK	TOTAL SHEETS 256	SHEET NO. 95
CONTRACT NO. 60W71			ILLINOIS FED. AID PROJECT -NUMBER-	



ELEVATION



CROSS SECTION
(Spans 1 thru 3)
(Looking East)



PLAN

LEGEND:

- Removal of Existing Structures
- See Civil Plans for Limits of Removal

NOTES:

1. Existing Utility between girders to be relocated (By Others) prior to bridge demolition. Utility to be placed back on proposed bridge (By Others).
2. Existing Utility to be removed and replaced as part of this contract. (See Electrical Plans for details)
3. Contractor to protect the existing entrance to 707 W. Harrison St. during construction.
4. See Civil Plans for roadway barrier removal under the structure, along ramps and I-90/94.
5. Work this sheet with sheets S-05 and S-06.
6. For Temporary Soil Retention and Soil Retention System limits see sheet S-07.
7. Reference sheets AS-1 thru AS-72 for existing bridge dimensions and details.
8. The Contractor shall take precautions to protect existing utilities and foundations during construction of the bridge. The utilities were located based on SUE and utility supplier information available at design.
9. The existing approach slab, pavement and sidewalk removal will be included in civil pay items. See Civil Plans for details.
10. The existing retaining wall, light poles and fence removal are part of this contract and will be included in Removal of Existing Structures pay item.

0161711-60W71-S04-Removal



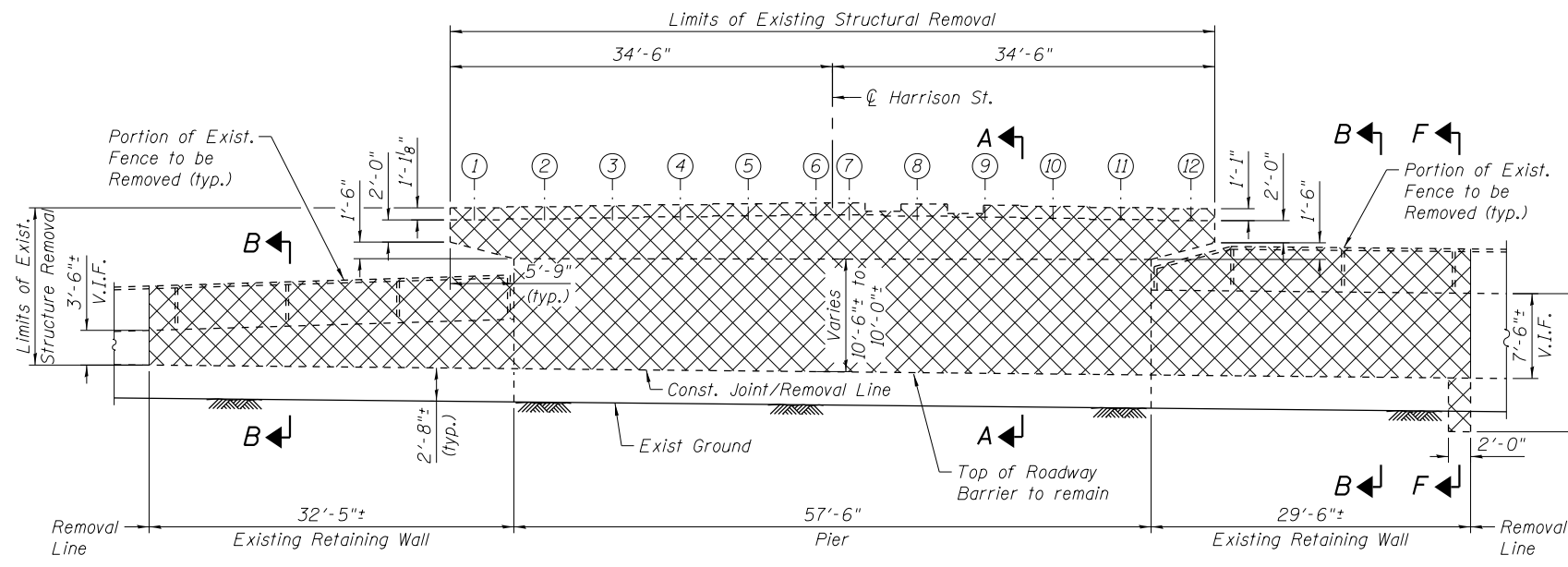
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PLOT DATE = 2/19/2014	CHECKED - DD	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

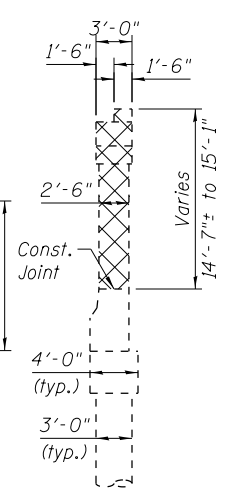
**EXISTING STRUCTURAL REMOVAL (1 of 3)
STRUCTURE NO. 016-1711**

SHEET NO. S-04 OF S-47 SHEETS

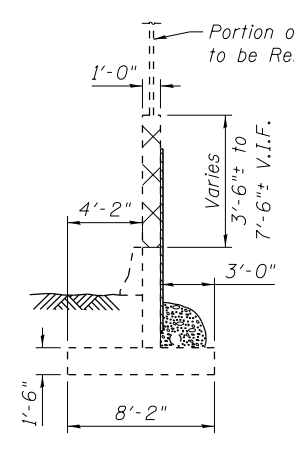
F.A.I. RTE. 90/94/290	SECTION 2013-036R	COUNTY COOK	TOTAL SHEETS 256	SHEET NO. 96
CONTRACT NO. 60W71				ILLINOIS FED. AID PROJECT NUMBER



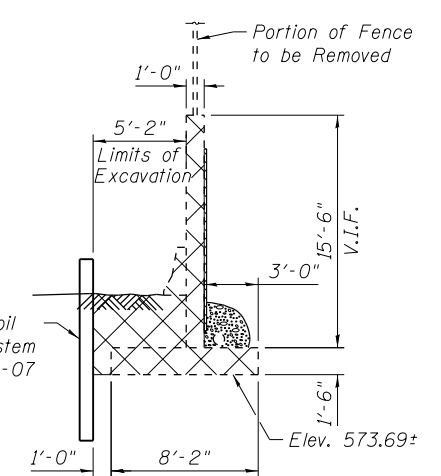
PIER 2 ELEVATION
(Looking East)



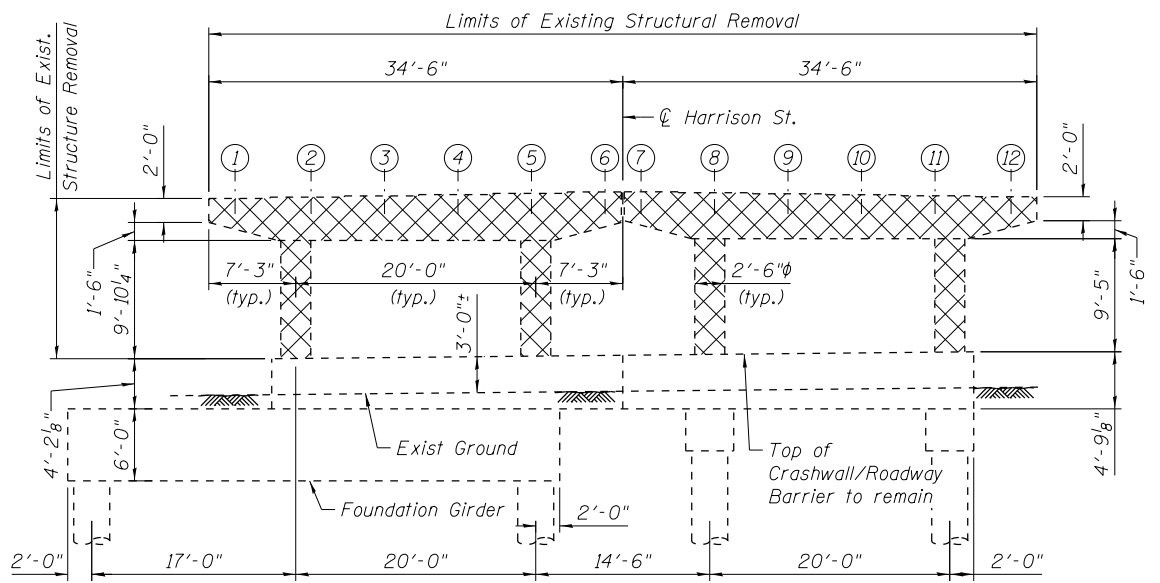
SECTION A-A



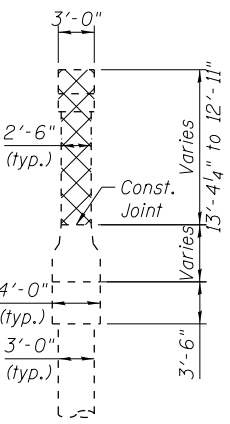
SECTION B-B



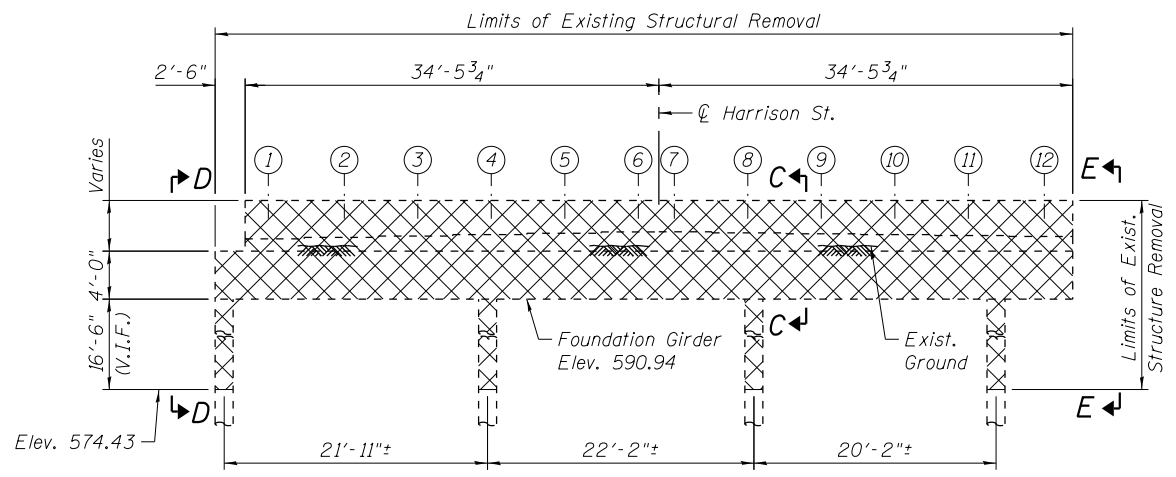
SECTION F-F



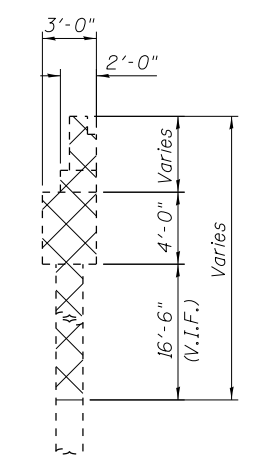
PIER 1 ELEVATION
(Looking East)



END VIEW



EAST ABUTMENT ELEVATION
(Looking East)



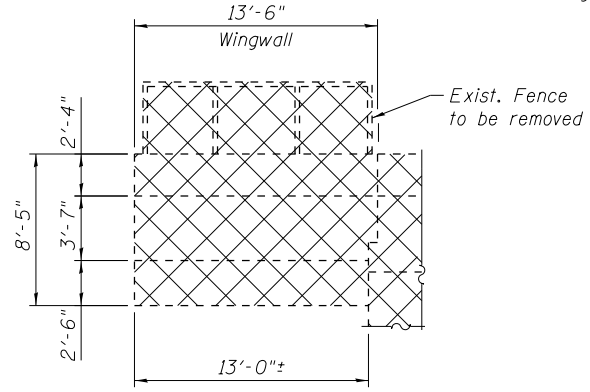
SECTION C-C

NOTES:

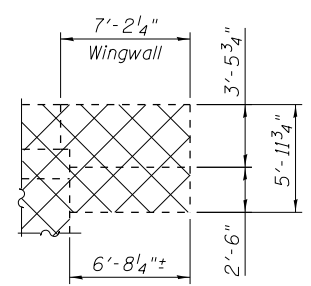
1. Work this sheet with sheets S-04 and S-06.
2. See Civil Plans for Existing Roadway Barrier Removal under structure, along ramps and I-90/94.
3. V.I.F. indicates Verify In Field.

LEGEND:

- Removal of Existing Structures
- Existing Beam Numbers



SECTION D-D



SECTION E-E

0161711-60W71-S05-Removal



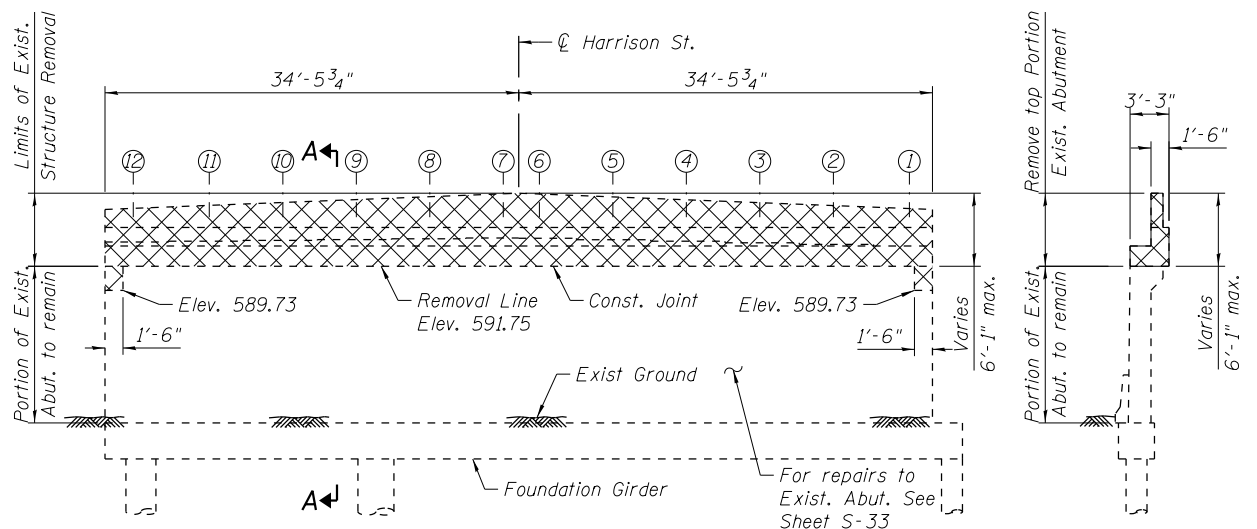
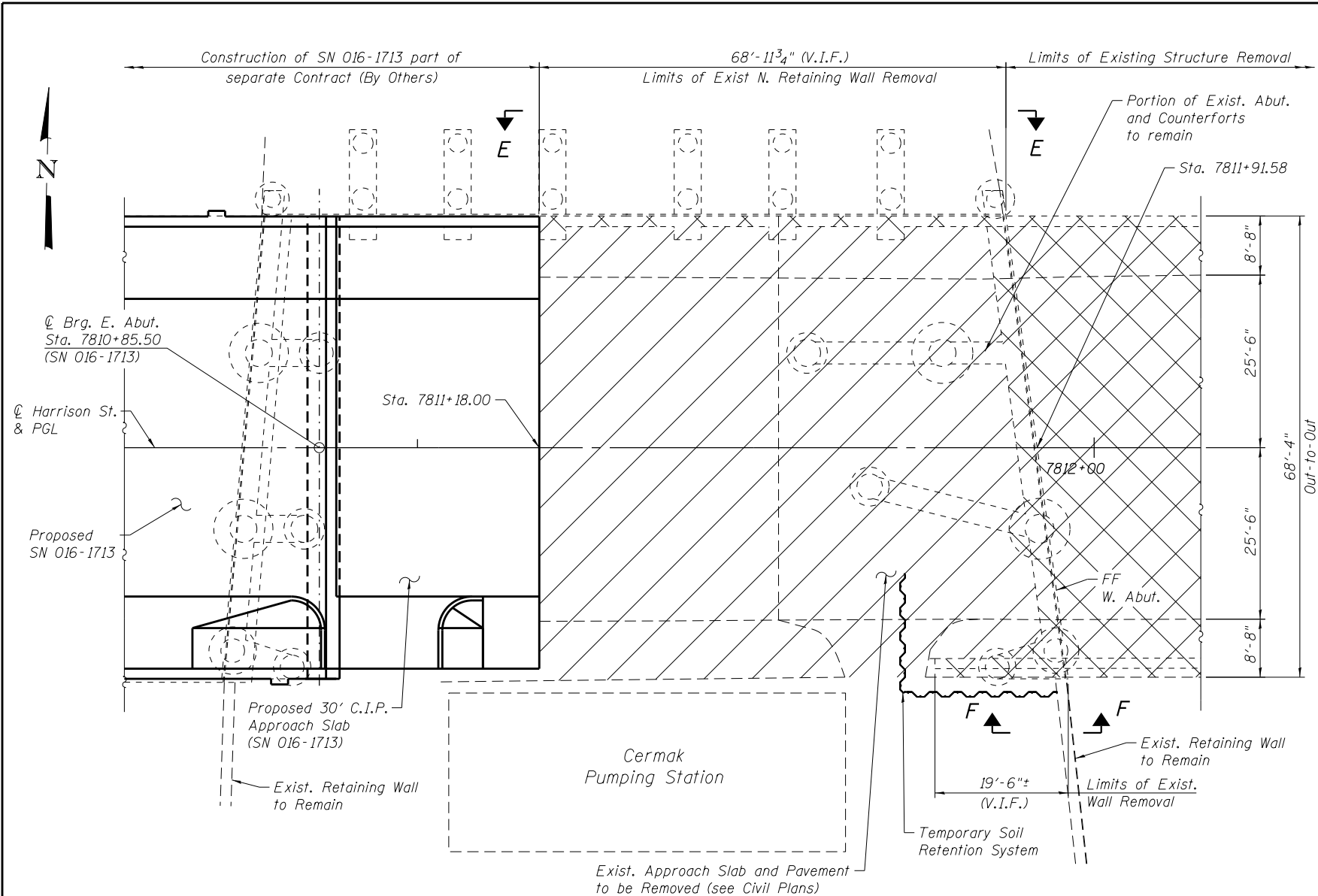
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PLOT SCALE = N.T.S.	CHECKED - DD	REVISED
PLOT DATE = 12/19/2013	DRAWN - BRD	REVISED
	CHECKED - DD	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURAL REMOVAL (2 of 3)
STRUCTURE NO. 016-1711

SHEET NO. S-05 OF S-47 SHEETS

F.A.I. R.T.E. 90/94/290	SECTION 2013-036R	COUNTY COOK	TOTAL SHEETS 256	SHEET NO. 97
CONTRACT NO. 60W71				ILLINOIS FED. AID PROJECT -NUMBER-



WEST ABUTMENT ELEVATION
(Looking West)

SECTION A-A

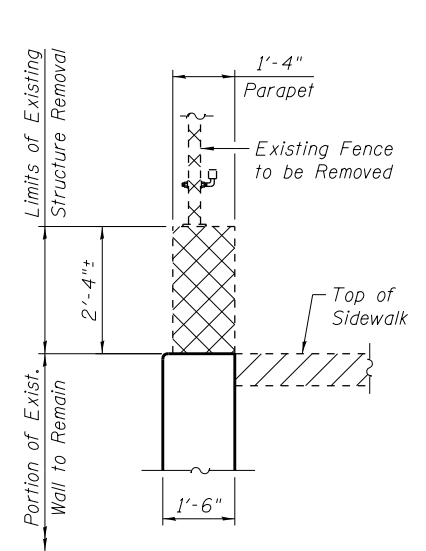
- NOTES:**
1. Work this sheet with sheets S-04 and S-05.
 2. V.I.F. indicates Verify in Field.

- LEGEND:**
- Removal of Existing Structures
 - See Civil Plans for Limits of Removal

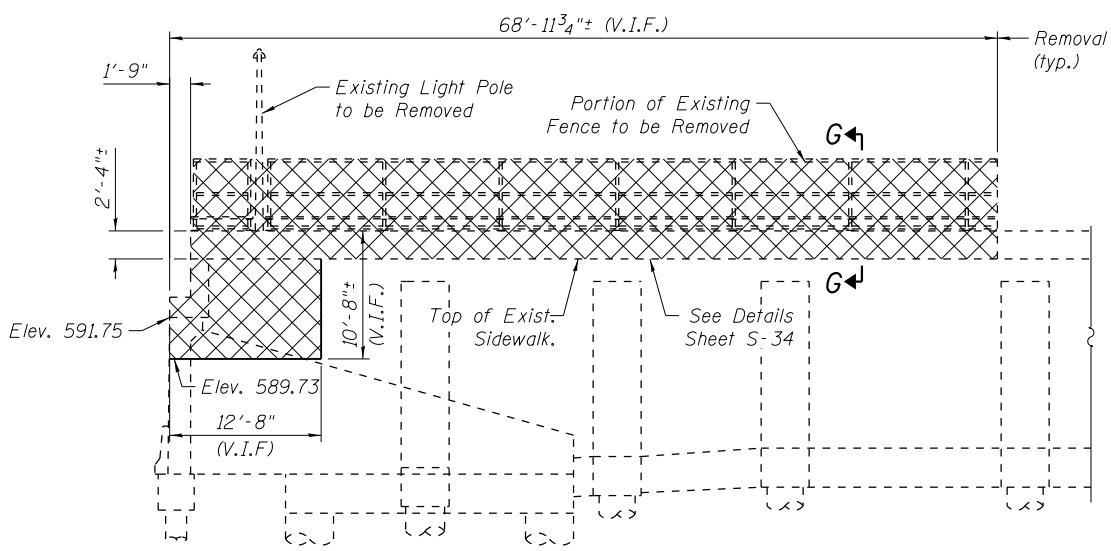
BILL OF MATERIAL

Item	Unit	Total
Removal of Existing Structures	Each	1
Protective Shield	Sq. Yd.	1,128

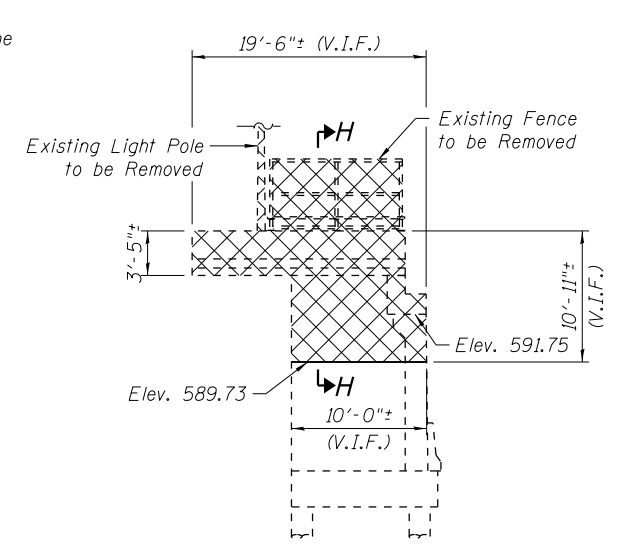
PLAN



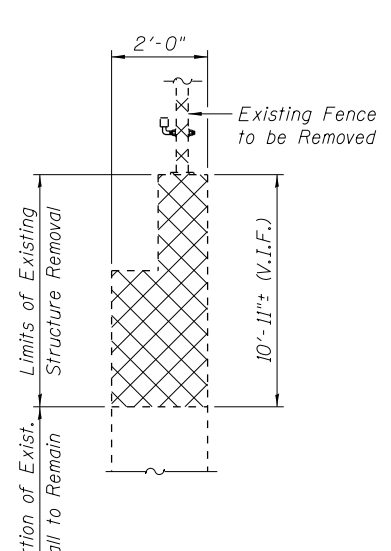
SECTION G-G



SECTION E-E



SECTION F-F



SECTION H-H

0161711-60W71-S06-Removal



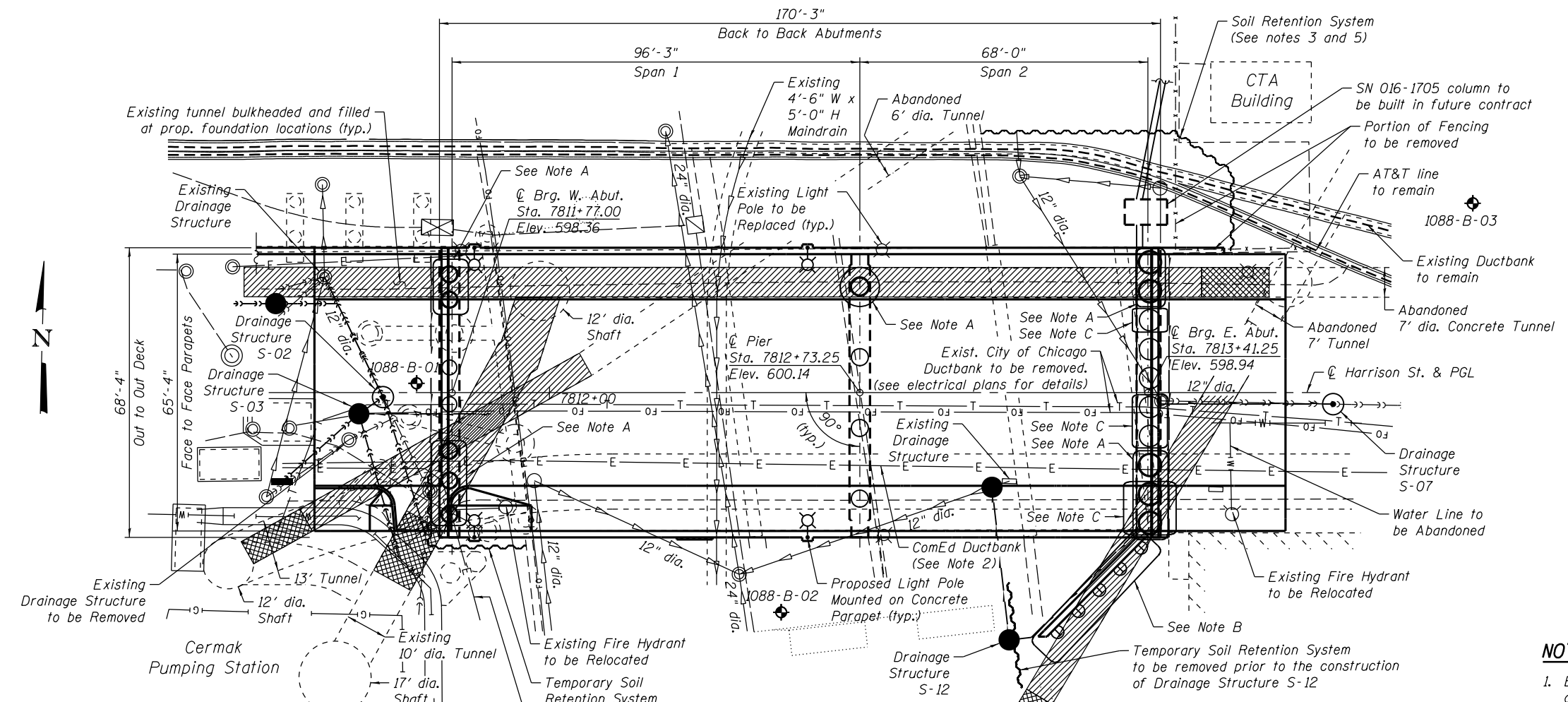
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PLOT DATE = 12/17/2013	DRAWN - BRD	REVISED
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING STRUCTURAL REMOVAL (3 of 3)
STRUCTURE NO. 016-1711**

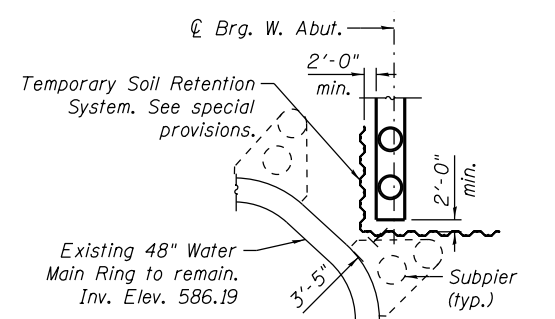
SHEET NO. S-06 OF S-47 SHEETS

F.A.I. R.E. 90/94/290	SECTION 2013-036R	COUNTY COOK	TOTAL SHEETS 256	SHEET NO. 98
CONTRACT NO. 60W71				ILLINOIS FED. AID PROJECT -NUMBER-

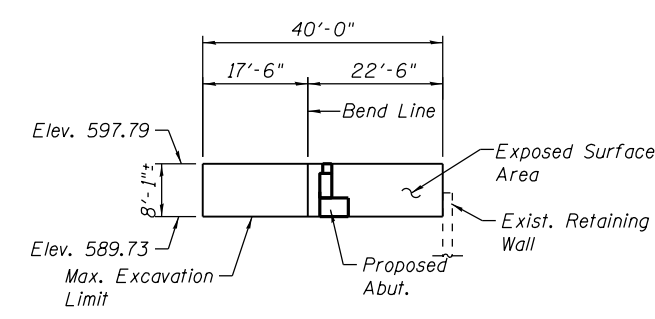


SUBSTRUCTURE LAYOUT PLAN

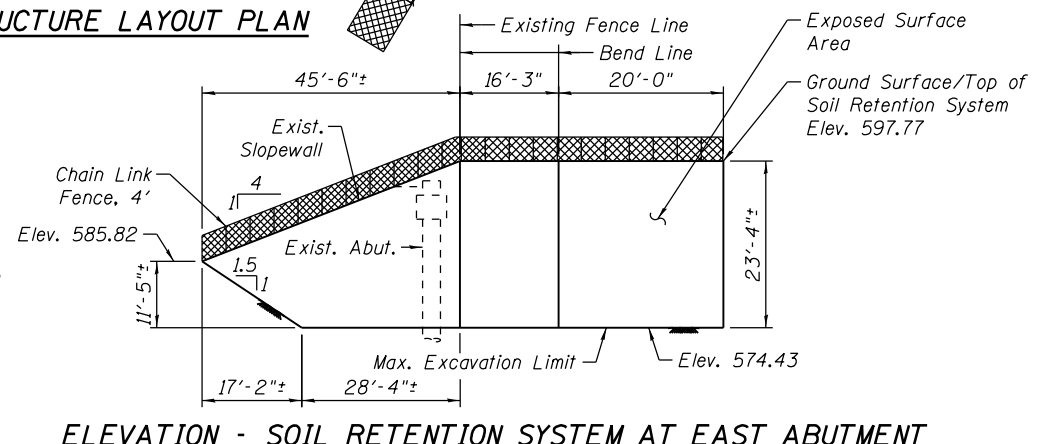
NOTE:
The contractor shall verify exact location of existing 48" Water Main Ring and Subpiers prior to installing Temporary Soil Retention System.



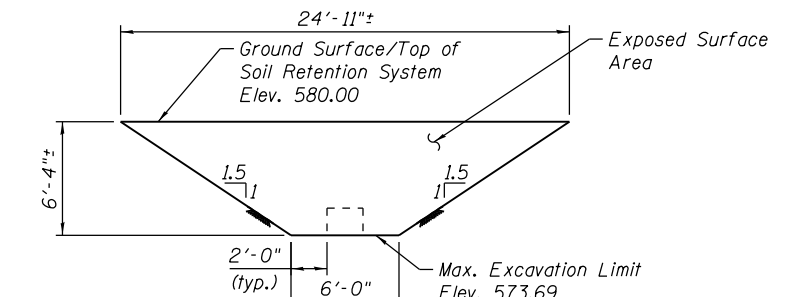
PLAN - TEMPORARY SOIL RETENTION SYSTEM AT WEST ABUTMENT



ELEVATION - TEMPORARY SOIL RETENTION SYSTEM AT WEST ABUTMENT (Looking North)



ELEVATION - SOIL RETENTION SYSTEM AT EAST ABUTMENT (Looking North)



ELEVATION - TEMPORARY SOIL RETENTION SYSTEM AT EAST ABUTMENT WINGWALL (Looking East)

LEGEND:

Combined Sewer	←←←←←	Fire Hydrant	⊙
Electric	—E—	Light Pole	⊗
Fiber Optic	—FO—	Soil Boring	⊕
Telephone	—T—	Bulkhead	⊗
Storm Sewer	→→→→→	Area filled with Grout	▨
Water Line	—W—		

(Part of advanced contract - By Others)

NOTE A:
The Drilled Shafts to be installed thru Existing Abandoned Tunnel require Permanent Casing. (see substructure sheets for details and Note 6.)

NOTE B:
The Drilled Soldier Piles to be installed thru Existing Abandoned Tunnel require Permanent Casing. (see substructure sheets for details and Note 6.)

NOTE C:
The Drilled Shafts are to be installed thru the Existing Reinforced Concrete Caissons (See Note 6.)

- NOTES:**
- Existing tunnels bulkheaded and filled with CLSM grout prior to construction of SN 016-1711 as part of advanced contract (By Others).
 - Existing Utility between girders to be relocated (By Others) prior to bridge demolition. Utility to be placed back on proposed bridge (By Others).
 - Soil Retention System to be left in place. Required for proposed abutment construction. To be removed in future contract (By Others).
 - A cantilever sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system and soil retention system design including plan details and calculations for review and acceptance by the Engineer.
 - The Contractor shall take precautions to protect existing utilities and foundations during construction of the bridge. The utilities were located based on SUE and utility supplier information available at design.
 - Contractor shall provide equipment, labor, and materials as required to install drilled shafts and soldier piles thru existing abandoned tunnel or existing reinforced concrete caissons at locations shown. The costs incurred by installation thru tunnel or existing reinforced concrete caissons shall be included under pay item Foundation Construction at Tunnel/Existing Shaft Obstructions.

BILL OF MATERIAL

Item	Unit	Total
Temporary Soil Retention System	Sq. Ft.	481
Soil Retention System	Sq. Ft.	1,636
Chain Link Fence, 4'	Foot	84
Foundation Construction at Tunnel/Existing Shaft Obstructions	Each	19



USER NAME = dabe2lcd	DESIGNED - DD	REVISED
PLOT SCALE = N.T.S.	CHECKED - EJO	REVISED
PLOT DATE = 3/27/2014	DRAWN - BRD	REVISED
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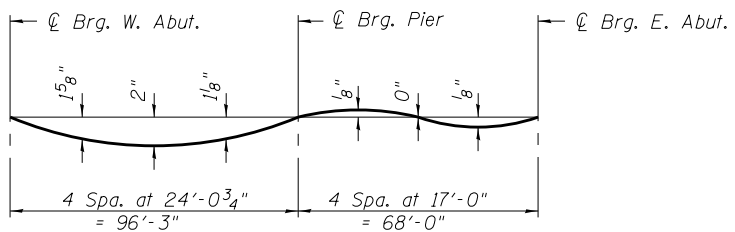
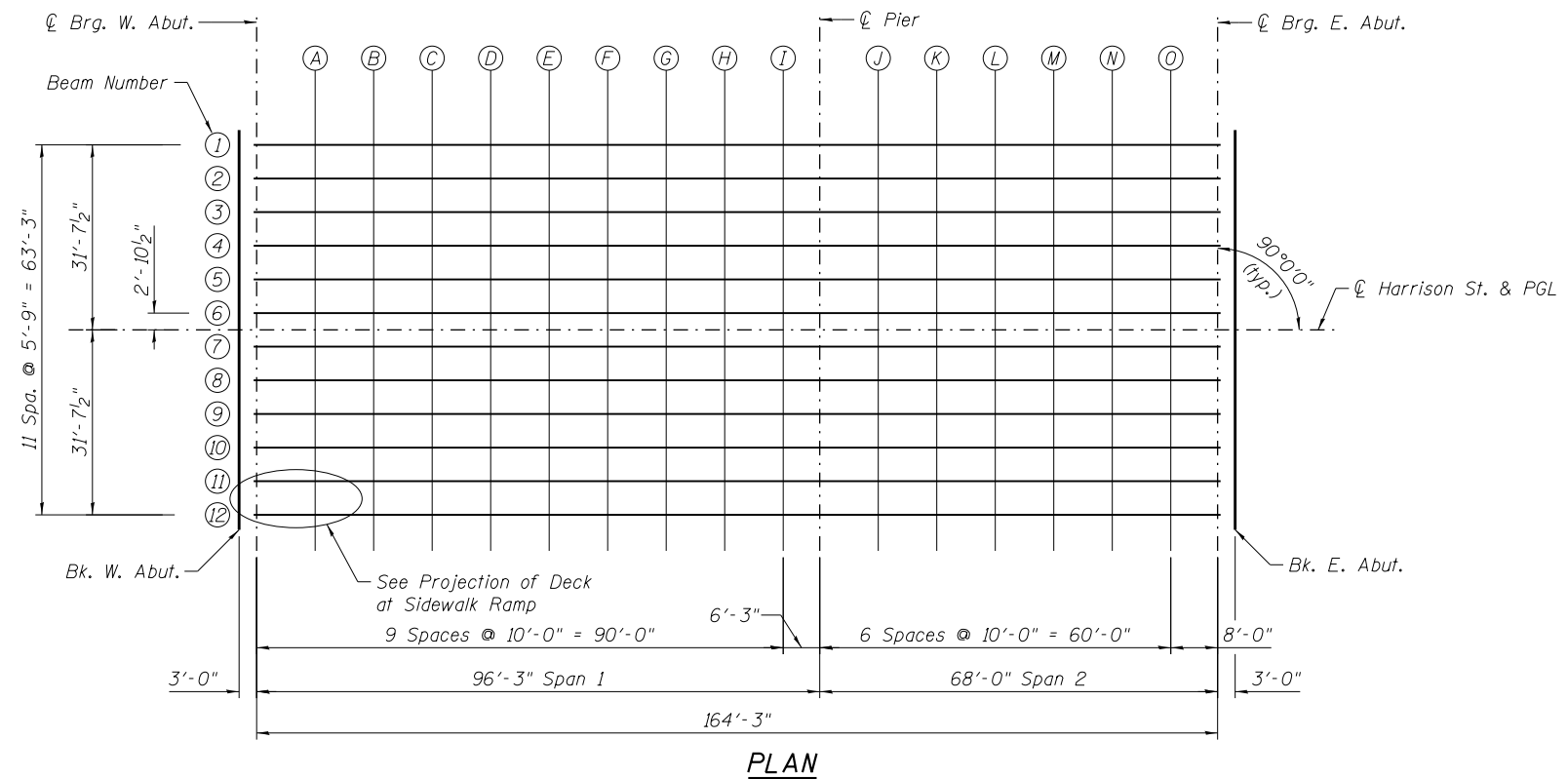
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBSTRUCTURE LAYOUT
STRUCTURE NO. 016-1711

SHEET NO. S-07 OF S-47 SHEETS

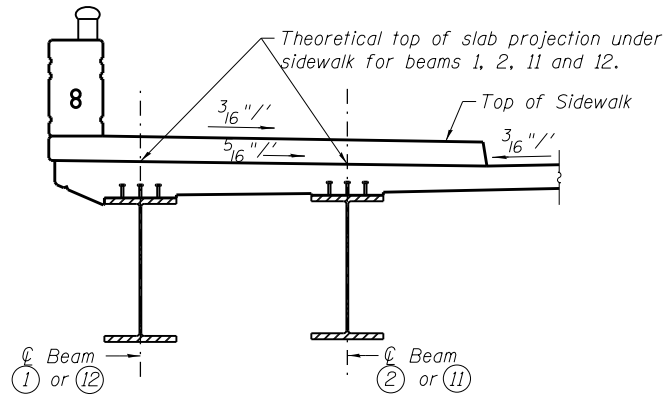
F.A.I. RTE. 90/94/290	SECTION 2013-036R	COUNTY COOK	TOTAL SHEETS 256	SHEET NO. 99
CONTRACT NO. 60W71			ILLINOIS FED. AID PROJECT -NUMBER-	

0161711-60W71-S07-SubStruct

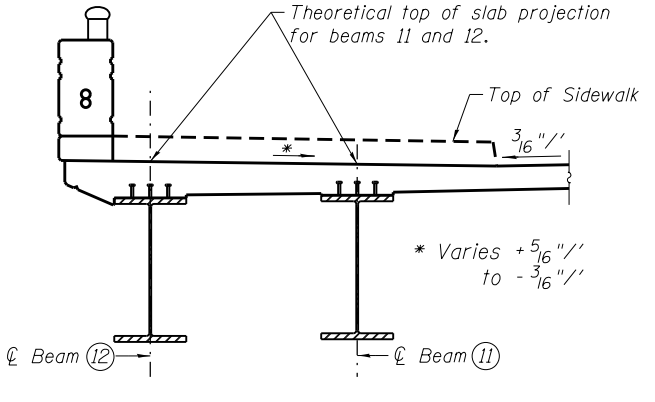


DEAD LOAD DEFLECTION DIAGRAM
(Includes weight of concrete deck, sidewalk, parapet and railing)

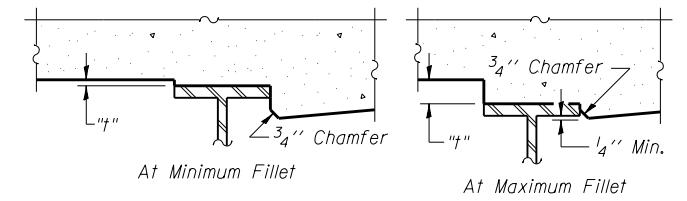
Note:
The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown on sheets S-09 thru S-13 of S-47.



PROJECTION UNDER SIDEWALK
(Typ. both sides)



PROJECTION OF DECK AT SIDEWALK RAMP
(Southwest Corner)



To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown above. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on Sheets S-09 thru S-13 of S-47, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS

0161711-60W71-S08-TopSlab



USER NAME = dunkerleyb	DESIGNED - MK	REVISED
	CHECKED - DD	REVISED
PLOT SCALE = N.T.S.	DRAWN - BRD	REVISED
PLOT DATE = 12/17/2013	CHECKED - DD	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATION PLAN
STRUCTURE NO. 016-1711
SHEET NO. S-08 OF S-47 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	100
CONTRACT NO.			60W71	
ILLINOIS FED. AID PROJECT -NUMBER-				