

FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

**FAI ROUTE 94 (BISHOP FORD EXPRESSWAY) AT
FAP ROUTE 341 (STONY ISLAND FEEDER) INTERCHANGE**

SECTION 2012-060-BR

PROJECT: NHPP-0094(016)

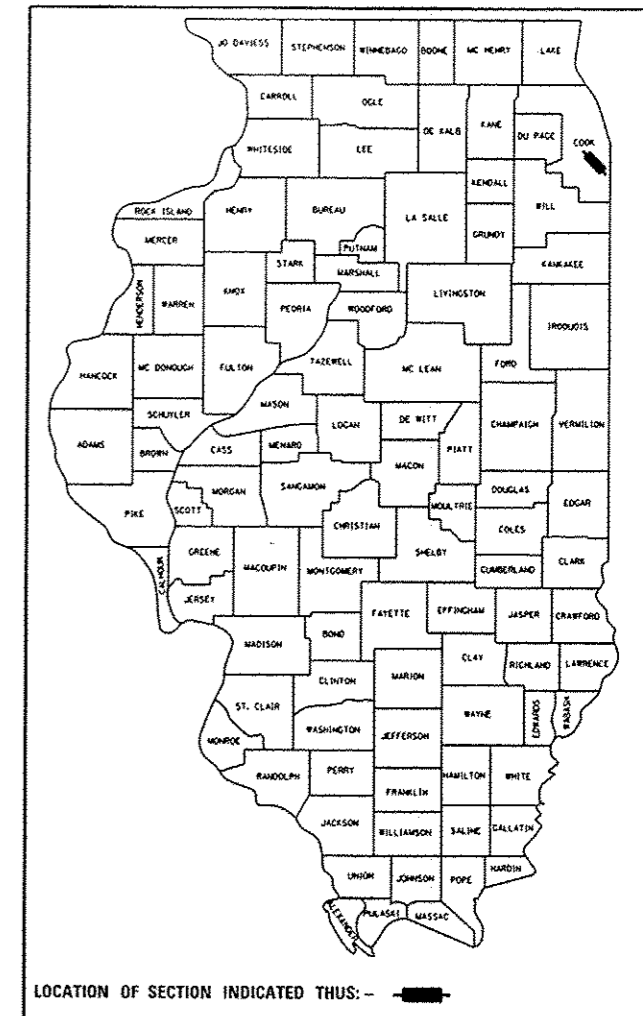
**BRIDGE REHABILITATION AND INTERSECTION IMPROVEMENTS
COOK COUNTY**

C-91-039-13

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	1

ILLINOIS CONTRACT 60V61
* 285 + 7 = 292

D-91-184-10



LOCATION OF SECTION INDICATED THUS: - [black rectangle] -

DESIGN DESIGNATION

RAMP Q

836(30) Interstate Ramp 15.38 (PCC-20)

103rd St.

2040(30) Other Marked State Route 16.71 (FD-20)

TRAFFIC DATA

RAMP Q AVERAGE DAILY TRAFFIC (ADT):

EXISTING: 9,300 (2009)

DESIGN: 9,300 (2030)

SPEED LIMIT: 30 mph

103rd STREET WEST OF STONY ISLAND

AVERAGE DAILY TRAFFIC (ADT) :

EXISTING: 18,400 (2009)

DESIGN: 21,100 (2030)

SPEED LIMIT: 35/40 mph

103rd STREET EAST OF STONY ISLAND

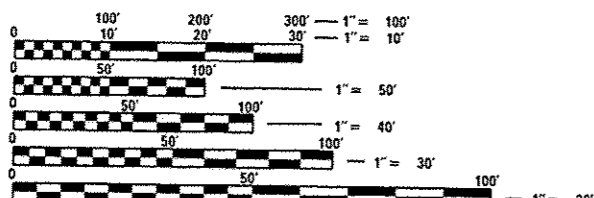
AVERAGE DAILY TRAFFIC (ADT) :

EXISTING: 21,100 (2009)

DESIGN: 22,000 (2030)

SPEED LIMIT: 35/40 mph

PROJECT LOCATED IN THE CITY OF CHICAGO



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.

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

PROJECT MANAGER: HELEN PAZON, P.E. (847) 705-4523

CONTRACT NO. 60V61



SIGNED: *Mohammed Rashed*
MOHAMMED RASHED, P.E.
DATE: 11/26/2012
EXPIRES: 11/30/2013
SHEETS: 138-103



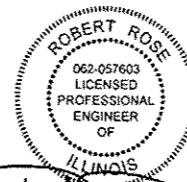
SIGNED: *Richard A. Young*
RICHARD A. YOUNG, P.E.
DATE: 11/26/2012
EXPIRES: 11/30/2013
SHEETS: 121-137



LOCATION MAP



GROSS LENGTH = 2183 FT. = 0.413 MILE = NET LENGTH



SIGNED: *Robert Rose*
ROBERT ROSE, P.E.
DATE: 11/26/12
EXPIRES: 11/30/2013
SHEETS: 1-95, 107-120, 247-285



SIGNED: *Brent Kunz*
BRENT KUNZ, S.E.
DATE: 11/26/2012
EXPIRES: 11/30/2014
SHEETS: 104-246

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SUBMITTED November 28, 2012
John Fortman
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
March 22, 2013
John D. Baranzelli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT
March 22, 2013
Omair Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

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275	TO 285 CROSS SECTIONS

HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-06	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420401-08	BRIDGE APPROACH PAVEMENT CONNECTOR
482006-03	HMA SHOULDER ADJACENT TO RIGID PAVEMENT
482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
515001-03	NAME PLATE FOR BRIDGES
602001-02	CATCH BASIN TYPE A
602301-03	INLET - TYPE A
602401-03	MANHOLE TYPE A
604001-03	FRAME AND LIDS TYPE 1
604071-04	FRAME AND GRATE TYPE 20
606001-04	CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-03	CORRUGATED PC CONCRETE MEDIANS
609006-05	BRIDGE APPROACH PAVEMENT DRAIN DETAIL
630001-10	STEEL PLATE BEAM GUARDRAIL
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-08	TRAFFIC BARRIER TERMINAL, TYPE 2
631026-05	TRAFFIC BARRIER TERMINAL, TYPE 5
631031-10	TRAFFIC BARRIER TERMINAL, TYPE 6
635001-01	DELINEATORS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-03	REFLECTOR MARKER AND MOUNTING DETAILS
643001-01	SAND MODULE IMPACT ATTENUATORS
701101-02	OFF ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701400-05	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-06	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-08	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >= 45 MPH
701446-04	TWO LANE CLOSURE FREEWAY/EXPRESSWAY
701601-07	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701901-02	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-03	SIGN PANEL ERECTION DETAILS

GENERAL NOTES

- THE CONTRACTOR SHALL CALL "DIGGER" AT 312-744-7000 FOR FIELD LOCATIONS OF BURIED UTILITIES A MINIMUM OF 48 HOURS IN ADVANCE OF WORK BEING DONE IN THE AREA.
- THE CONTRACTOR SHALL COORDINATE WORK ACTIVITIES WITH UTILITY COMPANIES AS REQUIRED.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE EXPRESSWAYS TRAFFIC CONTROL SUPERVISOR AT (847) 705-4151 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK AND AGAIN AT LEAST 72 HOURS PRIOR TO FINAL PAVEMENT MARKING INSTALLATION.
- THE CONTRACTOR SHALL USE CARE IN WORKING NEAR ANY AND ALL EXISTING ITEMS THAT ARE TO REMAIN. ANY DAMAGES WILL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT AND PROVIDE ACCESS TO ADJUTING PROPERTY, UTILITIES, PEDESTRIANS, AND VEHICULAR TRAFFIC.
- SAW CUTTING IS INCLUDED TO THE PROPOSED ITEM OF WORK SPECIFIED, UNLESS OTHERWISE SHOWN IN PLAN.
- WHERE ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
- TEMPORARY EDGE LINES IN THE SUGGESTED MAINTENANCE OF TRAFFIC MUST BE INSTALLED BEFORE LANES REOPEN TO TRAFFIC.
- VERTICAL PANELS OR BARRELS WILL REMAIN IN PLACE ALONG THE EDGES OF PAVEMENT AS SHOWN IN THE SUGGESTED MAINTENANCE OF TRAFFIC PLANS UNTIL THE SURFACE COURSE AND PROPOSED PAVEMENT MARKING EDGE LINES HAVE BEEN COMPLETED.
- SURFACE TESTING OF ASPHALT PAVEMENTS WILL BE PERFORMED BY THE CONTRACTOR AS DESCRIBED IN THE CONTRACT SPECIAL PROVISIONS AND THE COST SHALL BE INCLUDED IN THE COST OF THE HMA ITEMS BEING TESTED.
- THIS PROJECT WILL REQUIRE A PERMIT IN ACCORDANCE WITH GENERAL NPDES PERMIT NO. ILR10 BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY. SEE CONTRACT SPECIFICATIONS FOR SPECIFIC REQUIREMENTS.
- ON STATE STANDARDS 482001 AND 483001 AGGREGATE SUBGRADE 12" SHALL BE USED AS THE IMPROVED SUBGRADE. THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE UNDER THE SHOULDER SHALL BE INCLUDED IN THE COST PER SQUARE YARD OF AGGREGATE SUBGRADE 12".
- FOR WORK OUTSIDE THE LIMITS OF BRIDGE APPROACH PAVEMENT, ALL REFERENCES IN THE HIGHWAY STANDARDS AND SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB AND GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLAN.
- THE CONTRACTOR SHALL CALL STEVE LIPKIE OF THE ROADSIDE DEVELOPMENT UNIT AT 847-705-4171 48 HOURS PRIOR TO SELECTIVE CLEARING.
- THE COST OF STORM SEWER CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE CONSIDERED INCLUDED IN THE COST OF THE STORM SEWER BEING PLACED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR MODIFICATIONS TO STRUCTURES EXCEPT LOCATIONS SPECIFIED IN THE PLANS.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER 24 HOURS PRIOR TO FULL CLOSURE OF RAMPS FOR COORDINATION WITH THE CTA BUS GARAGE ADJACENT TO THE PROJECT.

COMMITMENTS

- THERE SHALL BE NO INTRUSION TO THE LAKE CALUMET INAI SITE.
- SUPER SILT FENCE SHALL BE INSTALLED ALONG THE BOUNDARY OF THE INAI SITE AND THE EXISTING RIGHT-OF-WAY, AS SHOWN HEREIN.
- WORK SHALL ONLY OCCUR WITHIN THE EXISTING RIGHT-OF-WAY.
- DURING CONSTRUCTION NO KILLING OF ANY TURTLES, SNAKES, MAMMALS, OR OTHER ANIMALS SHALL BE ALLOWED.
- BEFORE ANY ELECTRICAL CONSTRUCTION CAN COMMENCE, THE CONTRACTOR SHALL SCHEDULE A WALKTHROUGH WITH MR. DANIEL GRIGAS OF CDOT ELECTRICAL OPERATIONS AT (312) 744-4815.

HOT-MIX ASPHALT REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes	THICKNESS
RAMP AND SHOULDER RESURFACING		
POLYMERIZED LEVELING BINDER (MACHING METHOD), IL 4.75, N50	3.5% @ 50 GYR	3/4" - 1 1/4"
POLYMERIZED HMA SURFACE COURSE, MIX "F", N90 (IL 9.5mm)	4% @ 90 GYR	1 3/4"
HMA SHOULDER REMOVAL AND REPLACEMENT (SPECIAL)		
HMA BINDER COURSE, IL-19.0, N70	4% @ 70 GYR	2 1/4" MIN
POLYMERIZED HMA SURFACE COURSE, MIX "F", N90 (IL 9.5mm)	4% @ 90 GYR	1 3/4"
TEMPORARY PAVEMENT*		
TEMP PVMT (INTERSTATE) (HMA BINDER IL-19.0mm), 8"	4% @ 70 GYR	2 1/4" MIN
HMA SURFACE COURSE, MIX "D", N70 (IL-9.5mm), 2"	4% @ 70 GYR	2"
TEMPORARY PAVEMENT*		
TEMP PVT (INTERSTATE) (HMA BINDER IL-19.0mm), 9 1/2"	4% @ 90 GYR	2 1/4" MIN
HMA SURFACE COURSE, MIX "F", N90 (IL-9.5mm), 2"	4% @ 90 GYR	1 3/4"
STABILIZED SUBBASE HOT-MIX ASPHALT, 4 1/2"		
STABILIZED SUBBASE HMA, (IL-19.0 mm)	3% @ 50 GYR	4 1/2"
HMA BASE COURSE		
HMA BINDER COURSE, IL-19.0, 10 1/4", N90	4% @ 90 GYR	2 1/4" MIN

* SEE PLAN DRAWINGS TO DISTINGUISH BETWEEN REQUIRED TEMPORARY PAVEMENT THICKNESSES.

- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX SURFACE MIXTURES IS 112 LBS/SQ YD/INCH THICKNESS.
- FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS
- THE "AC TYPE" FOR POLYMERIZED HMA MIXES 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."
- PCC TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS
- 9" OF PCC TEMPORARY PAVEMENT MAY BE USED IN LIEU OF 10" FULL DEPTH TEMPORARY HMA PAVEMENT.
- 10" OF PCC TEMPORARY PAVEMENT MAY BE USED IN LIEU OF 11 1/2" FULL DEPTH TEMPORARY HMA PAVEMENT.

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FILE NAME *	USER NAME * default	DESIGNED - RCR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, GENERAL NOTES		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE #		DRAWN - RCR	REVISED -				94	2012-060-BR	COOK	285	2
PLOT SCALE * #SCALE#		CHECKED -	REVISED -		CONTRACT NO. 60V61						
PLOT DATE * 1/22/2013		DATE - 01/22/2013	REVISED -		ILLINOIS FED. AID PROJECT						

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265

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CODE NO	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY 0004 URBAN	URBAN BRIDGE 0014 SN 016-2437	TRAFFIC SIGNALS 0021 URBAN
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	125	125		
20100500	TREE REMOVAL, ACRES	ACRE	1.6	1.6		
20101000	TEMPORARY FENCE	FOOT	1,320	1,320		
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	49	49		
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	71	71		
20200100	EARTH EXCAVATION	CU YD	18,102	18,102		
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	5,245	5,245		
20800150	TRENCH BACKFILL	CU YD	489	489		
* 21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	4,571	4,571		
* 21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	44,185	44,185		
* 25000210	SEEDING, CLASS 2A	ACRE	7	7		
* 25000310	SEEDING, CLASS 4	ACRE	7	7		
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	900	900		
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	900	900		

*Specialty Items

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FILE NAME *	USER NAME * default	DESIGNED -	REVISED -
FILE #		DRAWN - OC	REVISED -
	PLOT SCALE * \$SCALE*	CHECKED - RGR	REVISED -
	PLOT DATE * 12/7/2012	DATE - 11/08/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE: NA	SHEET NO. 1 OF 19 SHEETS	STA.	TO STA.

F.A.I. RTE. 94	SECTION 2012-060-BR	COUNTY COOK	TOTAL SHEETS 285	SHEET NO. 3
CONTRACT NO. 60V61				
ILLINOIS FED. AID PROJECT				

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CONSTRUCTION CODE

CODE NO	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY 0004 URBAN	BRIDGE 0014 SN 016-2437	TRAFFIC SIGNALS 0021 URBAN
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	900	900		
* 25003310	INTERSEEDING, CLASS 4	ACRE	1.3	1.3		
* 25100115	MULCH, METHOD 2	ACRE	10	10		
* 25100630	EROSION CONTROL BLANKET	SQ YD	44,185	44,185		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1,000	1,000		
28000305	TEMPORARY DITCH CHECK	FOOT	292	292		
28000400	PERIMETER EROSION BARRIER	FOOT	5,817	5,817		
28000510	INLET FILTERS	EACH	95	95		
28100101	STONE RIPRAP, CLASS A1	SQ YD	42	42		
28200200	FILTER FABRIC	SQ YD	42	42		
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	1,429	1,429		
31200502	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"	SQ YD	908	908		
35101400	AGGREGATE BASE COURSE, TYPE B	TON	577	577		
35501325	HOT-MIX ASPHALT BASE COURSE, 10 1/4"	SQ YD	562	562		

* Specialty Items

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		DATE - 11/08/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE: NA	SHEET NO. 2 OF 19 SHEETS	STA.	TO STA.

F.A.I. RTE. 94	SECTION 2012-060-BR	COUNTY COOK	TOTAL SHEETS 285	SHEET NO. 4
CONTRACT NO. 60V61				
ILLINOIS FED. AID PROJECT				

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CODE NO	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY 0004 URBAN	URBAN BRIDGE 0014 SN 016-2437	TRAFFIC SIGNALS 0021 URBAN
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1,278	1,278		
40600300	AGGREGATE (PRIME COAT)	TON	24	24		
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	356	356		
40600895	CONSTRUCTING TEST STRIP	EACH	1	1		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	166	166		
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	626	626		
42000506	PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)	SQ YD	906	906		
44000100	PAVEMENT REMOVAL	SQ YD	1,442	1,442		
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	3,099	3,099		
44000300	CURB REMOVAL	FOOT	76	76		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,069	1,069		
44003100	MEDIAN REMOVAL	SQ FT	2,202	2,202		
44004250	PAVED SHOULDER REMOVAL	SQ YD	844	844		
44200547	CLASS A PATCHES, TYPE IV, 9 INCH	SQ YD	39	39		

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FILEL#		DRAWN - OC	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - RCR	REVISED -
	PLOT DATE = 12/7/2012	DATE - 11/08/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 3 OF 19 SHEETS STA. TO STA.

F.A.I. RTE. 94	SECTION 2012-060-BR	COUNTY COOK	TOTAL SHEETS 285	SHEET NO. 5
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	

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CONSTRUCTION CODE

CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	URBAN BRIDGE 0014 SN 016-2437	TRAFFIC SIGNALS 0021 URBAN
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SQ YD	17	17		
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	185	185		
44201349	CLASS C PATCHES, TYPE I, 10 INCH	SQ YD	3	3		
44201353	CLASS C PATCHES, TYPE II, 10 INCH	SQ YD	13	13		
44201359	CLASS C PATCHES, TYPE IV, 10 INCH	SQ YD	67	67		
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	632	632		
48300505	PORTLAND CEMENT CONCRETE SHOULDERS, 10 1/4"	SQ YD	546	546		
50102400	CONCRETE REMOVAL	CU YD	131.6		131.6	
50104720	REMOVAL OF EXISTING CONCRETE DECK	EACH	1		1	
50157300	PROTECTIVE SHIELD	SQ YD	2,146		2,146	
50200100	STRUCTURE EXCAVATION	CU YD	17		17	
50300225	CONCRETE STRUCTURES	CU YD	95.7		95.7	
50300255	CONCRETE SUPERSTRUCTURE	CU YD	1,786.3		1,786.3	
50300260	BRIDGE DECK GROOVING	SQ YD	3,937		3,937	

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FILE NAME	USER HOME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#	* default	DRAWN	REVISED		94	2012-060-BR	COOK	285	6				
	PLOT SCALE	CHECKED	REVISED		SCALE: NA SHEET NO. 4 OF 19 SHEETS STA. TO STA.				CONTRACT NO. 60V61				
	* SCALE#	DATE	REVISED		ILLINOIS FED. AID PROJECT								

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CODE NO	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY 0004 URBAN	URBAN BRIDGE 0014 SN 016-2437	TRAFFIC SIGNALS 0021 URBAN
50300300	PROTECTIVE COAT	SO YD	5,789		5,789	
50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	6,540		6,540	
50500505	STUD SHEAR CONNECTORS	EACH	8,097		8,097	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	403,710		403,710	
50800515	BAR SPLICERS	EACH	40		40	
50800530	MECHANICAL SPLICERS	EACH	32		32	
51500100	NAME PLATES	EACH	1		1	
52000110	PREFORMED JOINT STRIP SEAL	FOOT	81		81	
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	20		20	
52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	16		16	
52100520	ANCHOR BOLTS, 1"	EACH	152		152	
52100530	ANCHOR BOLTS, 1 1/4"	EACH	32		32	
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	5	5		
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1	1		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE: NA	SHEET NO. 5 OF 19 SHEETS	STA.	TO STA.

F.A.I. RTE. 94	SECTION 2012-060-BR	COUNTY COOK	TOTAL SHEETS 285	SHEET NO. 7
CONTRACT NO. 60V61				
ILLINOIS FED. AID PROJECT				

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CONSTRUCTION CODE

CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	URBAN BRIDGE 0014 SN 016-2437	TRAFFIC SIGNALS 0021 URBAN
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	4	4		
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	403	403		
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	13	13		
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	523	523		
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	550	550		
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	62	62		
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	662	662		
550A1850	STORM SEWERS, CLASS A, TYPE 7 15"	FOOT	298	298		
550A2330	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15"	FOOT	12	12		
550A2340	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 18"	FOOT	330	330		
55100300	STORM SEWER REMOVAL 8"	FOOT	707	707		
55100400	STORM SEWER REMOVAL 10"	FOOT	55	55		
55100500	STORM SEWER REMOVAL 12"	FOOT	654	654		
55100700	STORM SEWER REMOVAL 15"	FOOT	540	540		

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FILEL	PLOT SCALE * #SCALE*	DRAWN - OC	REVISED -		SCALE: NA	SHEET NO. 6 OF 19 SHEETS	STA.	TO STA.	CONTRACT NO. 60V61				
	PLOT DATE = 12/7/2012	CHECKED - RGR	REVISED -		ILLINOIS FED. AID PROJECT								
		DATE - 11/08/2012	REVISED -										

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CODE NO	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY 0004 URBAN	URBAN BRIDGE 0014 SN 016-2437	TRAFFIC SIGNALS 0021 URBAN
55100900	STORM SEWER REMOVAL 18"	FOOT	163	163		
58700300	CONCRETE SEALER	SQ FT	1,460		1,460	
59000200	EPOXY CRACK INJECTION	FOOT	221		221	
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	43		43	
60100945	PIPE DRAINS 12"	FOOT	81	81		
60200105	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	11	11		
60200805	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 8 GRATE	EACH	7	7		
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	7	7		
60221100	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6	6		
60221102	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1	1		
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	1	1		
Δ 60255410	CATCH BASINS TO BE CLEANED	EACH	3	3		
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	6	6		
60500040	REMOVING MANHOLES	EACH	7	7		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 7 OF 19 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	9
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	

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CONSTRUCTION CODE

CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	URBAN BRIDGE 0014 SN 016-2437	TRAFFIC SIGNALS 0021 URBAN
60500050	REMOVING CATCH BASINS	EACH	16	16		
60500205	FILLING CATCH BASINS	EACH	5	5		
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	8	8		
60600605	CONCRETE CURB, TYPE B	FOOT	273	273		
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	579	579		
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SO FT	1,923	1,923		
60618800	CONCRETE MEDIAN, TYPE SB	SO FT	211	211		
60900140	TYPE B INLET BOX, STANDARD 609006	EACH	2	2		
60900515	CONCRETE THRUST BLOCKS	EACH	2	2		
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	200	200		
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1	1		
* 63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	1	1		
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2	2		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2		

*Specialty Items

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FILE#	default	DRAWN - OC	REVISED -					94	2012-060-BR	COOK	265	10
PLOT SCALE	SCALE#	CHECKED - RGR	REVISED -									CONTRACT NO. 60V61
PLOT DATE	12/7/2012	DATE - 11/08/2012	REVISED -									ILLINOIS FED. AID PROJECT
				SCALE: NA		SHEET NO. 8 OF 19 SHEETS		STA.		TO STA.		

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CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	URBAN BRIDGE 0014 SN 016-2437	TRAFFIC SIGNALS 0021 URBAN
63200310	GUARDRAIL REMOVAL	FOOT	632	632		
66400105	CHAIN LINK FENCE, 4'	FOOT	1,032	1,032		
66400305	CHAIN LINK FENCE, 6'	FOOT	368	368		
67100100	MOBILIZATION	L SUM	1	1		
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	27	27		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT.	7,687	7,687		
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1,737.5	1,737.5		
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	150.0	150.0		
70400600	RELOCATE TEMPORARY CONCRETE BARRIER, STATE OWNED	FOOT	325	325		
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2		
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	1	1		
* 72000100	SIGN PANEL - TYPE 1	SQ FT	28	28		
* 78000100	THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	182	182		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	9,942	9,942		

*Specialty Items

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#FILES	PLOT SCALE - #SCALE#	CHECKED - RGR	REVISED -		SCALE: NA	SHEET NO. 9 OF 19 SHEETS	STA.	TO STA.	CONTRACT NO. 60V61				
	PLOT DATE - 12/7/2012	DATE - 11/08/2012	REVISED -		ILLINOIS FED. AID PROJECT								

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CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	URBAN BRIDGE 0014 SN 016-2437	TRAFFIC SIGNALS 0021 URBAN
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	324	324		
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	356	356		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	488	488		
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	172	172		
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	3,132	3,132		
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	12	12		
* 78200530	BARRIER WALL MARKERS, TYPE C	EACH	170	170		
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2		
* 78300100	PAVEMENT MARKING REMOVAL	SQ FT	2,767	2,767		
* 81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	1,517	1,517		
* 81603081	UNIT DUCT, 600V, 3-1/C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	437	437		
* 81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	1,603	1,603		
* 81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	4,809	4,809		
* 81800300	AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE	FOOT	2,858	2,858		

*Specialty Items

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	PLOT SCALE * #SCALE#	DRAWN - OC	REVISIONS -			SCALE: NA SHEET NO. 10 OF 19 SHEETS STA. TO STA.		CONTRACT NO. 60V61		ILLINOIS FED. AID PROJECT		
	PLOT DATE * 12/7/2012	CHECKED - RGR	REVISIONS -									
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CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	URBAN BRIDGE 0014 SN 016-2437	TRAFFIC SIGNALS 0021 URBAN
* 82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	9	9		
* 83050715	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 6 FT. DAVIT ARM	EACH	7	7		
* 83050825	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. DAVIT ARM	EACH	2	2		
* 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	19	19		
* 83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	2	2		
* 84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	26	26		
* 84200804	REMOVAL OF POLE FOUNDATION	EACH	26	26		
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2			2
* 87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	843			843
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2			2
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2,160	2,160		
* K0029632	WEED CONTROL, NON-SELECTIVE AND NON-RESIDUAL	GALLON	2.5	2.5		
* K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	6	6		
* K0036120	MULCH PLACEMENT 4"	50 YD	262	262		

* Specialty Items

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	PLOT DATE * 12/7/2012	DATE - 11/08/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE: NA	SHEET NO. 11 OF 19 SHEETS	STA.	TO STA.

F.A.I. RTE. 94	SECTION 2012-060-BR	COUNTY COOK	TOTAL SHEETS 285	SHEET NO. 13
CONTRACT NO. 60V61				
ILLINOIS FED. AID PROJECT				

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CODE NO	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY 0004 URBAN	URBAN BRIDGE 0014 SN 016-2437	TRAFFIC SIGNALS 0021 URBAN
✓ X2800400	PERIMETER EROSION BARRIER, SPECIAL	FOOT	1,873	1,873		
* X0322700	FUSE, IN LINE, 10 AMPERES	EACH	12	12		
* X0322951	CABLE SPLICE SPECIAL	EACH	6	6		
X0323586	PIPE DRAIN REMOVAL	FOOT	485		485	
X0324752	STORM SEWER TO BE FILLED	CU YD	6	6		
* X0325222	WEED CONTROL, BASAL TREATMENT	GALLON	200	200		
* X0325207	TELEVISION INSPECTION OF SEWER	FOOT	6,663	6,663		
X0325391	EXPANDED POLYSTYRENE FILL	CU YD	145		145	
X0325444	TEMPORARY CONCRETE BARRIER (INSTALL ONLY)	FOOT	775	775		
* X0326148	TEMPORARY WOOD POLE, 60 FT., CLASS 4, 15 FT. MAST ARM	EACH	12	12		
* X0326366	ELECTRICAL EQUIPMENT REMOVAL AND SALVAGE	EACH	2	2		
X0326748	CLEAN-OUT MANHOLE	EACH	1	1		
* X0327004	TEMPORARY WOOD POLE, 60 FT., CLASS 4	EACH	1	1		
✓ * X0935000	MAST ARM, STEEL, MONOTUBE 30 FT.	EACH	2			2

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FILE #	PLOT SCALE - #SCALE#	DRAWN - OC	REVISED -		SCALE: NA	SHEET NO. 12 OF 19 SHEETS	STA.	TO STA.	CONTRACT NO. 60V61				
	PLOT DATE - 12/7/2012	CHECKED - RGR	REVISED -		ILLINOIS FED. AID PROJECT								
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CODE NO	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY 0004 URBAN	URBAN BRIDGE 0014 SN 016-2437	TRAFFIC SIGNALS 0021 URBAN
√ * X0935100	MAST ARM, STEEL, MONOTUBE 35 FT.	EACH	2			2
X2010300	TREE REMOVAL (UNDER 6 UNITS DIAMETER)	UNIT	1,410	1,410		
	HOT-MIX ASPHALT					
X4401198	↓ SURFACE REMOVAL, VARIABLE DEPTH	SO YD	2,381	2,381		
X4820110	HOT-MIX ASPHALT SHOULDER REMOVAL AND REPLACEMENT (SPECIAL)	SO YD	141	141		
X5210150	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 400K	EACH	12		12	
Δ X5537600	STORM SEWERS TO BE CLEANED 8"	FOOT	1,333	1,333		
Δ X5537700	STORM SEWERS TO BE CLEANED 10"	FOOT	172	172		
Δ X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	1,054	1,054		
Δ X5537900	STORM SEWERS TO BE CLEANED 15"	FOOT	1,142	1,142		
Δ X5538000	STORM SEWERS TO BE CLEANED 18"	FOOT	417	417		
Δ X5538200	STORM SEWERS TO BE CLEANED 24"	FOOT	309	309		
Δ X5538600	STORM SEWERS TO BE CLEANED 36"	FOOT	1,427	1,427		
Δ X5538700	STORM SEWERS TO BE CLEANED 42"	FOOT	809	809		
X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	107		107	

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FILE# *		DRAWN - OC	REVISED -		SCALE: NA	SHEET NO. 13 OF 19 SHEETS	STA.	TO STA.	CONTRACT NO. 60V61				
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CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	URBAN BRIDGE 0014 SN 016-2437	TRAFFIC SIGNALS 0021 URBAN
X6020095	MANHOLES, TYPE A, 4' DIAMETER, TYPE I FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	2	2		
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	12	12		
X6700600	ENGINEER'S FIELD LABORATORY (SPECIAL)	CAL MO	12	12		
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	1	1		
X7030030	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	FOOT	19,345	19,345		
X7030045	WET REFLECTIVE TEMPORARY TAPE TYPE III, 8 INCH	FOOT	3,512	3,512		
X7030050	WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH	FOOT	184	184		
X7030055	WET REFLECTIVE TEMPORARY TAPE TYPE III, 24 INCH	FOOT	340	340		
* X8100863	INTERCEPT EXISTING CONDUIT	EACH	7	7		
* X8210015	TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, 400 WATT	EACH	12	12		
Z0001899	JACK AND REMOVE EXISTING BEARINGS	EACH	48		48	
Z0001905	STRUCTURAL STEEL REPAIR	POUND	5,950		5,950	

14 *Specialty Items

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SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 14 OF 19 SHEETS STA. TO STA.

F.A.I. RTE. 94	SECTION 2012-060-BR	COUNTY COOK	TOTAL SHEETS 285	SHEET NO. 16
CONTRACT NO. 60V61				
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CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	URBAN BRIDGE 0014 SN 016-2437	TRAFFIC SIGNALS 0021 URBAN
Z0004552	APPROACH SLAB REMOVAL	SO YD	250		250	
Z0007101	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1	L SUM	1		1	
Δ Z0010400	CLEANING BRIDGE SEATS	SO FT	92		92	
Z0010501	CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1		1	
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SO FT	1,102		1,102	
Z0012755	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SO FT	116		116	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
Z0018002	DRAINAGE SCUPPERS, DS-11	EACH	5		5	
Z0018800	DRAINAGE SYSTEM	L SUM	1		1	
Z0022800	FENCE REMOVAL	FOOT	980	980		
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	233	233		
Z0031200	JACKING AND CRIBBING	EACH	16		16	
* Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	9	9		
* Z0033026	MAINTAINANCE OF EXISTING LIGHTING SYSTEM COMPLETE	L SUM	1	1		

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#FILEL*	PLOT SCALE * #SCALE*	DRAWN - OC	REVISED -		SCALE: NA	SHEET NO. 15 OF 17 SHEETS	STA.	TO STA.	CONTRACT NO. 60V61				
	PLOT DATE * 12/18/2012	CHECKED - RGR	REVISED -		ILLINOIS FED. AID PROJECT								
		DATE - 11/08/2012	REVISED -										

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CODE NO	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY 0004 URBAN	URBAN BRIDGE 0014 SN 016-2437	TRAFFIC SIGNALS 0021 URBAN
* Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	8	8		
* Z0033038	CONTROLLER, TRAFFIC, 16 LOAD BAY, P CABINET	EACH	2			2
Z0034806	MODULAR EXPANSION JOINT-SWIVEL 6"	FOOT	50		50	
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	25		25	
Z0062456	TEMPORARY PAVEMENT	SQ YD	6,966	6,966		
Z0064800	SELECTIVE CLEARING	UNIT	1.3	1.3		
Z0065745	SLOTTED DRAIN 12" WITH 2 1/2" SLOT	FOOT	610	610		
Z0073200	TEMPORARY SHORING AND CRIBBING	EACH	40		40	
* Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	12	12		
✓ X0370001	TRENCH BACKFILL WITH SCREENINGS (CDOT)	FOOT	1,909			1,909
✓ X0370002	JUNCTION BOX, NON-METALLIC, EMBEDDED IN STRUCTURE, 21" X 11" X 8"	EACH	2	2		
* X0370002	BREAK DOWN STREET LIGHT FOUNDATION (CDOT)	EACH	2	2		
✓ X0370003	ELECTRIC CABLE IN CONDUIT, TRIPLEX, 2 1/C NO.6, 1/C NO.8 (CDOT)	FOOT	874	874		
✓ X0370004	LUMINAIRE, STREET LIGHT, HPS, 400 WATT, 240 VOLT, ARTERIAL, SEMI-CUTOFF (CDOT)	EACH	6	6		

* Specialty Items

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FILE NAME	USER NAME	DESIGNED	REVISIONS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE	12/27/2012	DRAWN - OC	REVISIONS			SCALE: NA	SHEET NO. 16 OF 19 SHEETS	STA.	94	2012-060-BR	COOK	285	18
		CHECKED - RGR	REVISIONS									CONTRACT NO. 60V61	
		DATE - 11/08/2012	REVISIONS									ILLINOIS FED. AID PROJECT	

SCALE: 1/8" = 1'-0" (SEE SHEET 18 FOR DETAILS)

90% FED.
10% STATE

CONSTRUCTION CODE

CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	URBAN BRIDGE 0014 SN 016-2437	TRAFFIC SIGNALS 0021 URBAN
√ * X0370005	MAST ARM, TRUSS, STEEL, ARTERIAL, 12 FOOT (CDOT)	EACH	6	6		
√ * X0370006	TRENCH AND BACKFILL FOR ELECTRICAL CONDUIT (CDOT)	FOOT	578	578		
√ * X0935200	MAST ARM, STEEL, MONOTUBE 40 FT.	EACH	2			2
√ * X0370007	BREAKDOWN EXISTING HANDHOLE (CDOT)	EACH	3			3
√ * X0370008	BREAKDOWN MANHOLE (CDOT)	EACH	5			5
√ * X0370009	BREAKDOWN FOUNDATION (CDOT)	EACH	16			16
√ * X0370010	COAXIAL JUMPER CABLE (CDOT)	EACH	2			2
√ * X0370011	COAXIAL CABLE IN CONDUIT (CDOT)	FOOT	874			874
√ * X0370012	COILABLE CONDUIT, HDPE #80, DIRECTIONAL BORING, 2" (CDOT)	FOOT	300			300
√ * X0370013	CONCRETE FOUNDATION FOR TYPE "P" BASE MOUNTED TRAFFIC SIGNAL CONTROLLER (CDOT)	EACH	2			2
√ * X0370014	CONCRETE FOUNDATION, 20" DIAMETER, 3/4" ANCHOR RODS, 13" BOLT CIRCLE (CDOT)	EACH	4			4
√ * X0370015	CONCRETE FOUNDATION, 30" DIAMETER, 1 1/2" ANCHOR RODS, 16 1/2" BOLT CIRCLE (CDOT)	EACH	4			4
√ * X0370016	CONCRETE FOUNDATION, 30" DIAMETER, 1 1/4" ANCHOR RODS, 17 1/4" BOLT CIRCLE (CDOT)	EACH	2			2
√ * X0370017	DRILL MANHOLE OR HANDHOLE, CHICAGO	EACH	1			1

14
*Specialty Items

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FILE NAME	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		SUMMARY OF QUANTITIES		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILELS	* default	DRAWN - OC	REVISED -					94	2012-060-BR	COOK	285	19
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	PLOT DATE = 12/7/2012	DATE - 11/08/2012	REVISED -			SCALE: NA SHEET NO. 17 OF 19 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT				

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90% FED.
10% STATE

CONSTRUCTION CODE

CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	URBAN BRIDGE 0014 SN 016-2437	TRAFFIC SIGNALS 0021 URBAN
√ * X0370018	ELECTRIC CABLE IN CONDUIT NO. 14, 19/C (CDOT)	FOOT	1,677			1,677
√ * X0370019	ELECTRIC CABLE IN CONDUIT NO. 4, 1/C (CDOT)	FOOT	4,344			4,344
√ * X0370020	ELECTRIC CABLE IN CONDUIT, 3/C NO.14, FOR VIDEO (CDOT)	FOOT	874			874
√ * X0370021	ELECTRICAL HANDHOLE, 30", 24" FRAME AND LID (CDOT)	EACH	6			6
√ * X0370022	ELECTRICAL HANDHOLE, HEAVY DUTY, 36", 24" FRAME AND LID (CDOT)	EACH	4			4
√ * X0370023	ELECTRICAL MANHOLE, 3' X 4' X 4', 24" FRAME AND LID (CDOT)	EACH	2			2
√ * X0370024	FIBER OPTIC ADD-IN FOR LOCAL CONTROLLER (CDOT)	EACH	1			1
√ * X0370025	FIBER OPTIC ADD-IN FOR MASTER CONTROLLER (CDOT)	EACH	1			1
√ * X0370026	FIBER OPTIC STAR MODEM (CDOT)	EACH	2			2
√ * X0370027	FIBER OPTIC HYBRID CABLE IN CONDUIT (CDOT)	FOOT	843			843
√ * X0370028	HARNES CABLE, NO.16, 8/C (CDOT)	FOOT	600			600
√ * X0370029	INTERFACE PANEL, TWO CAMERA (CDOT)	EACH	2			2
√ * X0370030	POLE, STEEL, ANCHOR BASE, 11" DIA., 3-GAUGE, 34'-6" (CDOT)	EACH	2			2
√ * X0370031	POLE, STEEL, ANCHOR BASE, 12-1/2" DIA., 3-GAUGE, 34'-6" (CDOT)	EACH	4			4

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*Specialty Items

FILE NAME *	USER NAME * default	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - DC	REVISED -		SCALE: NA	SHEET NO. 18 OF 19 SHEETS	STA.	TO STA.	94	2012-060-BR	COOK	285	20
		CHECKED -	REVISED -						CONTRACT NO. 60V61				
		DATE - 11/08/2012	REVISED -						ILLINOIS FED. AID PROJECT				

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901.FED.
101.STATE

CODE NO	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY 0004 URBAN	URBAN/ BRIDGE 0014 SN 016-2437	TRAFFIC SIGNALS 0021 URBAN
✓ * X0370032	CONDUIT IN TRENCH, 2" PVC, SCHEDULE 80 (CDOT)	FOOT	390			390
✓ * X0370033	UNDERGROUND CONDUIT, SCHEDULE 40 PVC, 2" DIAMETER, (CDOT)	FOOT	2,669			2,669
✓ * X0370034	PVC CONDUIT IN TRENCH, 3" (SCHEDULE 40) (CDOT)	FOOT	365			365
✓ * X0370035	PVC CONDUIT IN TRENCH, 3" (SCHEDULE 80) (CDOT)	FOOT	1,665			1,665
✓ * X0370036	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, CHICAGO	LSUM	2			2
✓ * X0370037	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED (CDOT)	EACH	10			10
✓ * X0370038	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED (CDOT)	EACH	10			10
✓ * X0370039	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED (CDOT)	EACH	2			2
✓ * X0370040	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED (CDOT)	EACH	2			2
✓ * X0370041	TRAFFIC SIGNAL POST, ALUMINUM, 15 FT. (CDOT)	EACH	4			4
✓ * X0370042	VIDEO CABLE HARNESS (CDOT)	EACH	3			3
✓ * X0370043	VIDEO DETECTION CAMERA (CDOT)	EACH	4			4
✓ * X0370044	VIDEO DETECTION POWER SUPPLY (CDOT)	EACH	2			2
✓ * X0370045	VIDEO PROCESSOR CARD AND RACK (CDOT)	EACH	2			2

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* Specialty Items

FILE NAME =	USER NAME = default	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 12/7/2012		DATE - 11/08/2012	REVISED -					ILLINOIS FED. AID PROJECT				

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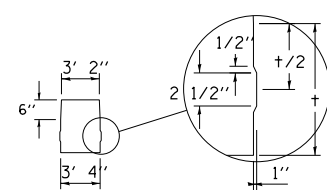
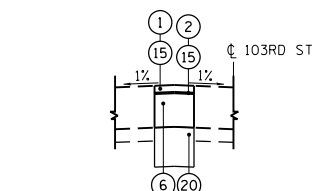
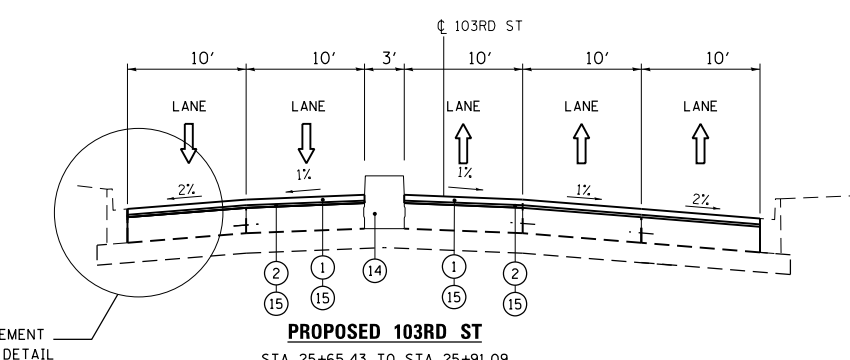
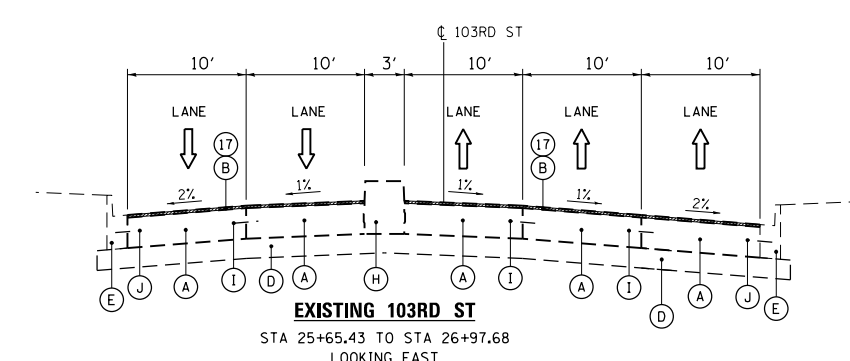
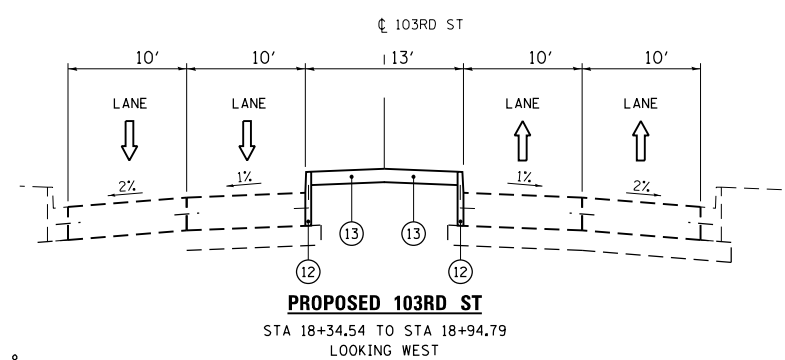
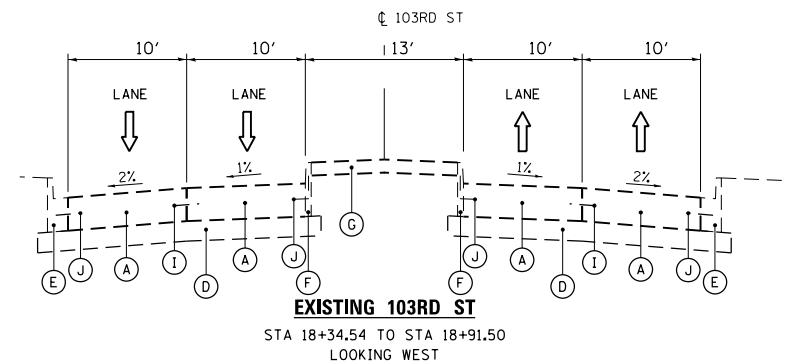
EXISTING:

- (A) EXISTING 10" PCC PAVEMENT
- (B) EXISTING HMA OVERLAY
- (Bb) EXISTING HMA OVERLAY, VARIES 2 1/2"
- (Bb) EXISTING HMA OVERLAY, VARIES 4"
- (C) EXISTING 4" STABILIZED SUBBASE
- (D) EXISTING SUB-BASE GRANULAR MATERIAL TYPE A 6"
- (E) EXISTING COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.18
- (F) EXISTING CONCRETE CURB TYPE B
- (G) EXISTING CONCRETE MEDIAN SURFACE 4"
- (H) EXISTING CONCRETE MEDIAN TYPE 6
- (I) EXISTING #5 TIE BAR
- (J) EXISTING #4 TIE BAR
- (K) EXISTING STABILIZED SHOULDERS, VARIES 12"-14"
- (L) EXISTING AGGREGATE SHOULDERS
- (M) EXISTING FENCE
- (N) EXISTING STEEL GUARDRAIL

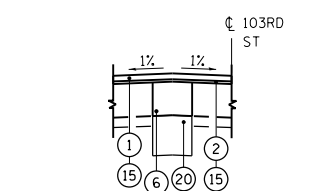
PROPOSED:

- (1) POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 1 3/4"
- (2) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" & VARIES
- (3) PORTLAND CEMENT CONCRETE SHOULDERS 10 1/4"
- (4) TEMPORARY PAVEMENT, (10")
- (4A) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (4B) HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70, 8"
- (5) AGGREGATE BASE COURSE, TYPE B (6")
- (6) HOT-MIX ASPHALT BASE COURSE, 10 1/4"
- (7) AGGREGATE SHOULDERS, TYPE B 6"
- (8) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- (9) PCC PAVEMENT, 10 1/4" (JOINTED)
- (10) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"
- (11) STEEL PLATE BEAM GUARDRAIL, TY. A 6FT POSTS
- (12) CONCRETE CURB, TYPE B
- (13) CONCRETE MEDIAN SURFACE, 4"
- (14) CONCRETE MEDIAN, TY. SB
- (15) BITUMINOUS MATERIALS (PRIME COAT)
- (16) REGRADING AND LANDSCAPING
TOPSOIL FURNISH AND PLACE, 4"
SEEDING, CLASS A2
- (17) HMA SURFACE REMOVAL, 2 1/2"
- (18) TIE BARS (INCLUDED IN THE COST OF THE PCC ITEM INVOLVED)
- (19) CHAIN LINK FENCE, 4'
- (20) AGGREGATE SUBGRADE IMPROVEMENT
- (21) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- (22) HMA SURFACE REMOVAL, VARIABLE DEPTH
- (23) TEMPORARY PAVEMENT, (11 1/2")
- (23A) HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
- (23B) HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N90, 9 1/2"

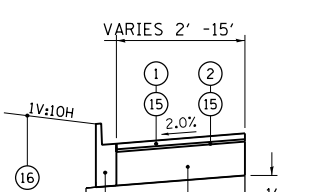
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**CONCRETE MEDIAN
TY. SB DETAIL**



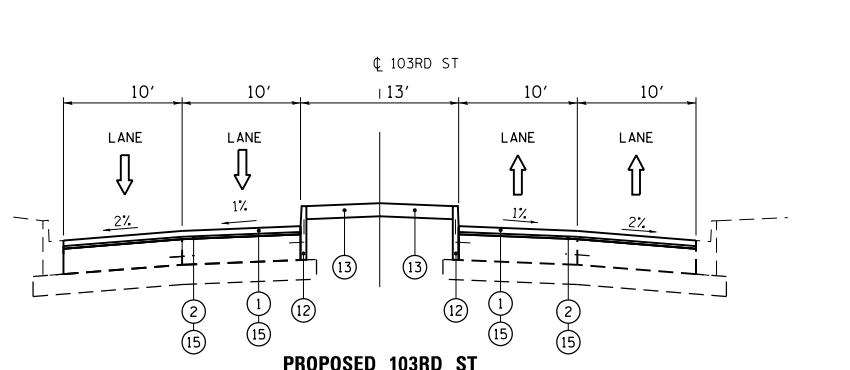
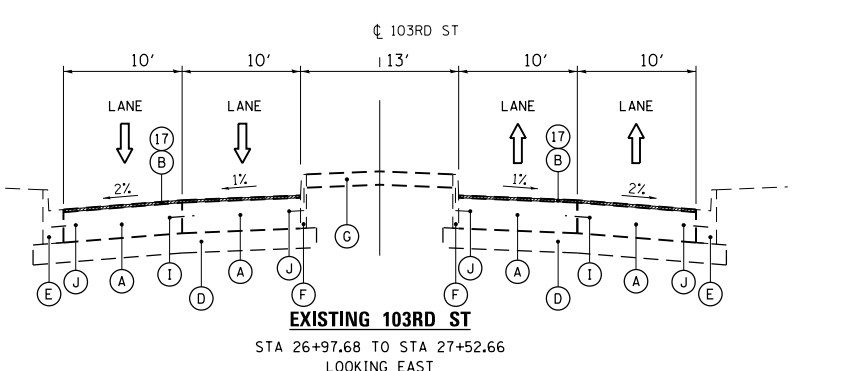
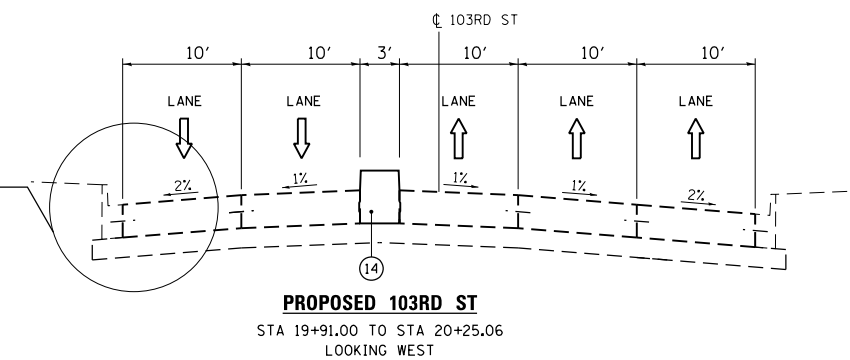
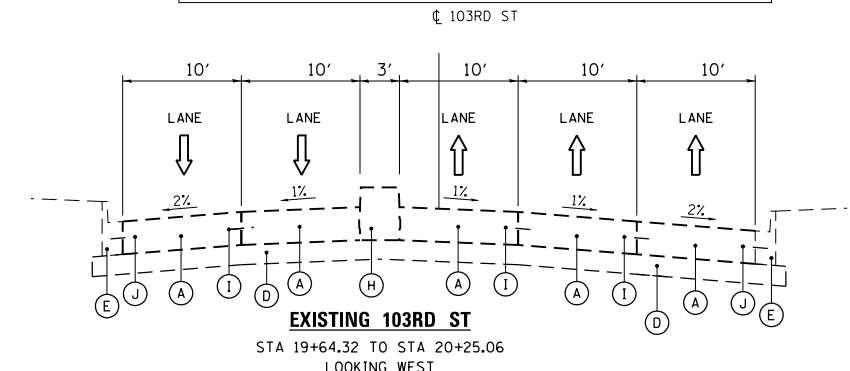
**PROPOSED 103RD ST
STA 25+93.62 TO STA 26+09.83**



**PAVEMENT WIDENING DETAIL
STA 19+16.31 TO STA 20+41.73 (LOOKING WEST)
STA 25+03.77 TO STA 26+63.22 (LOOKING EAST)**

NOTE: REUSE EXISTING TIE BARS FOR CONCRETE CURB TYPE B

STRUCTURAL DESIGN TRAFFIC:		YEAR 2013
PV=16,362	SU=1,818	MU=2,020
ROAD CLASSIFICATION: CLASS I		
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P= 81%	S= 9%	M=10%
TRAFFIC FACTOR:		ACTUAL TF= 12.18
		MINIMUM TF= 3.95
PG GRADE:	BINDER= PG 64-22	SURFACE= PG 64-22
SUBGRADE SUPPORT RATING:		
SSR= POOR		



FILE NAME =	USER NAME = default	DESIGNED - JG	REVISED -
*FILEL\$		DRAWN - JG	REVISED -
		CHECKED - OC	REVISED -
		DATE - 11/08/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

103RD ST TYPICAL SECTIONS	
SCALE: N/A	SHEET NO. 1 OF 5 SHEETS
STA. N/A	TO STA. N/A

F.A.I. RTE. 94	SECTION 2012-060-BR	COUNTY COOK	TOTAL SHEETS 285	SHEET NO. 22
CONTRACT NO. 60V61				
ILLINOIS FED. AID PROJECT				

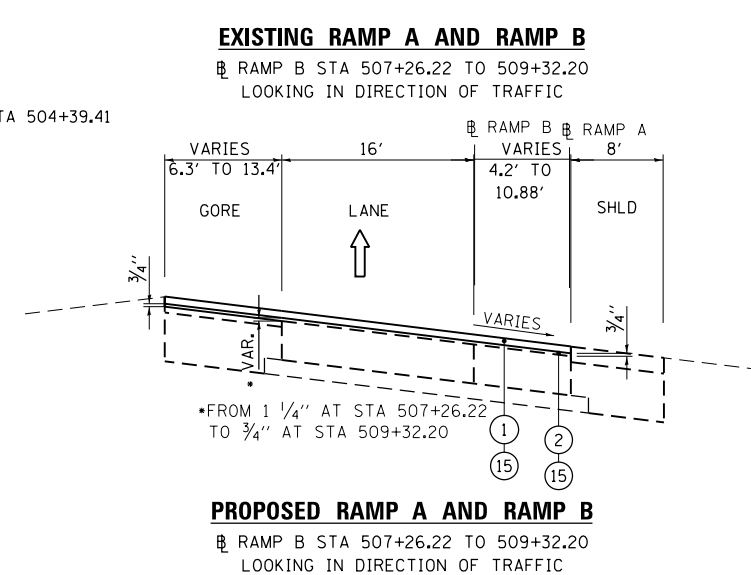
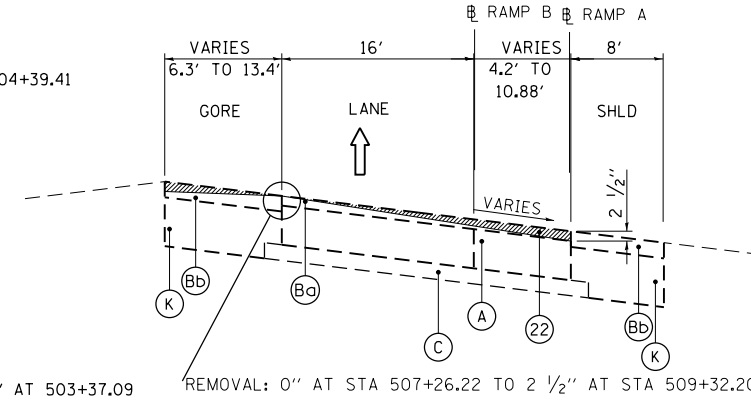
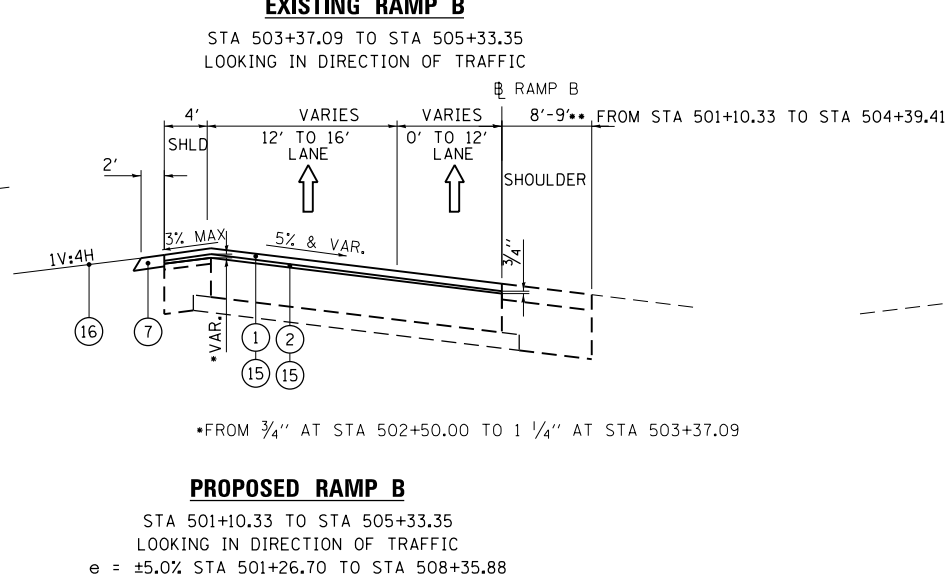
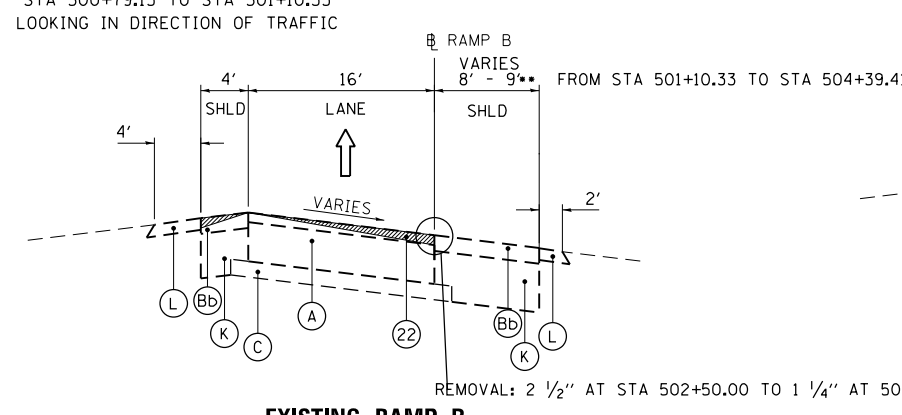
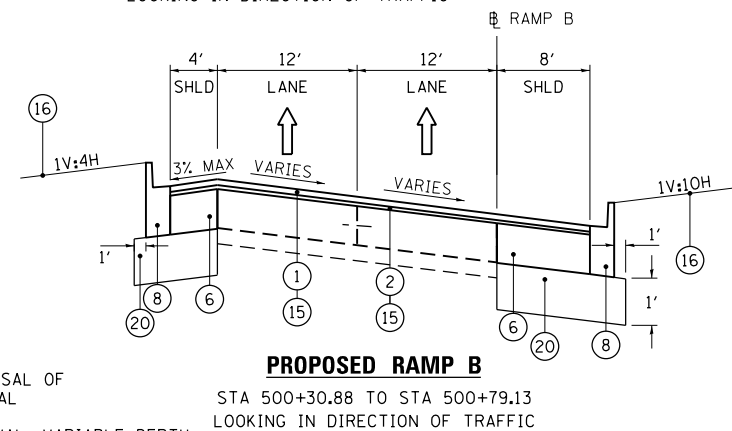
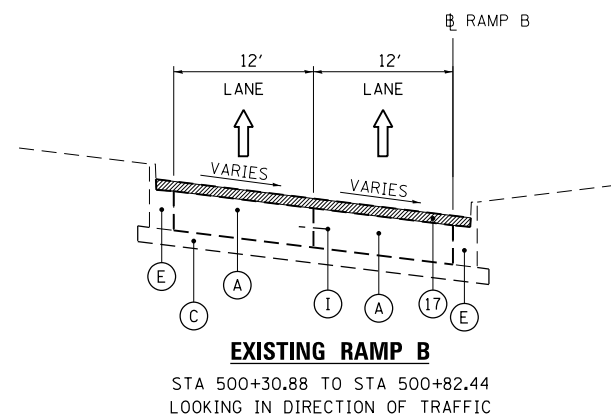
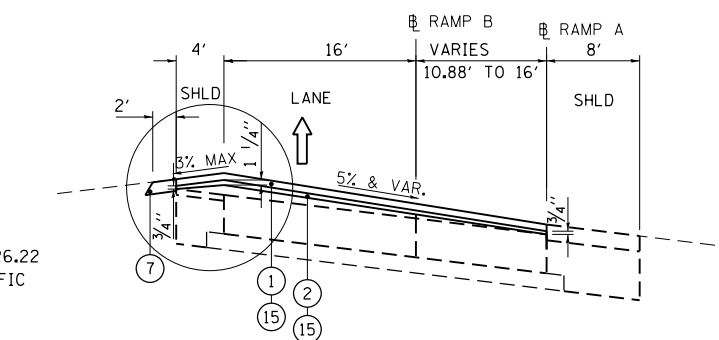
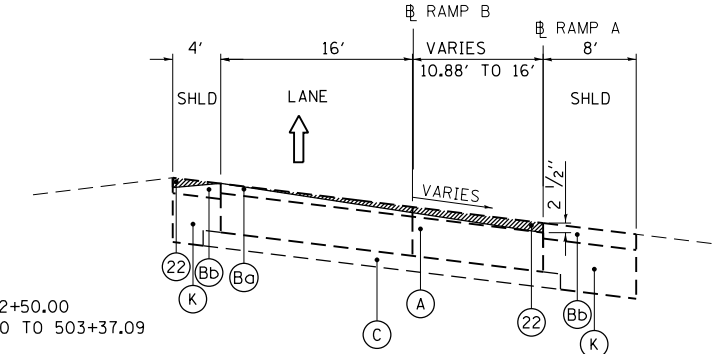
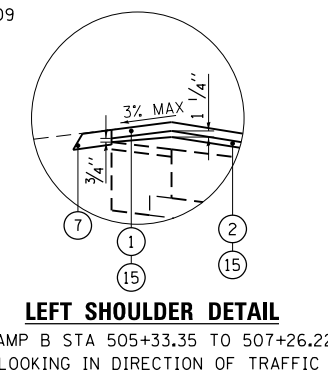
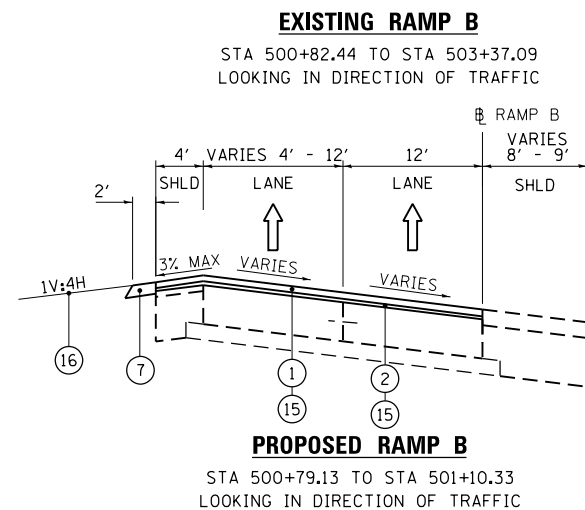
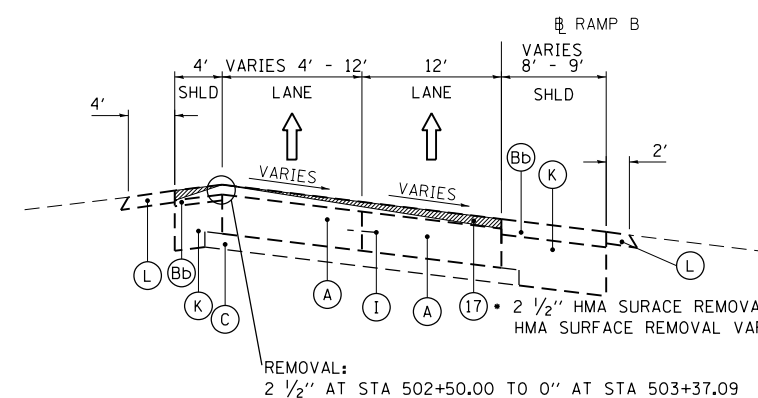
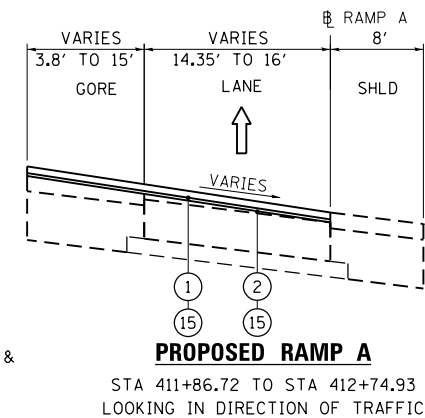
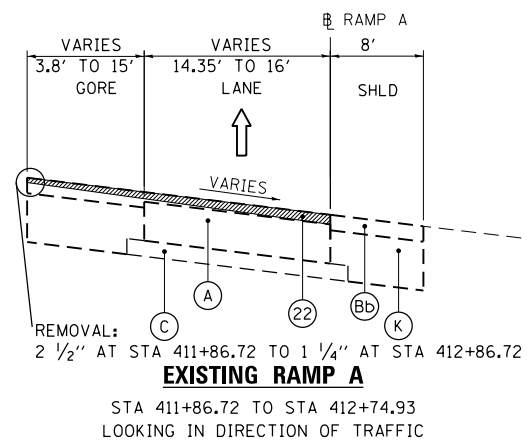
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EXISTING:

- (A) EXISTING 10" PCC PAVEMENT
- (B) EXISTING HMA OVERLAY
- (Bb) EXISTING HMA OVERLAY, VARIES 2 1/2"
- (Bb) EXISTING HMA OVERLAY, VARIES 4"
- (C) EXISTING 4" STABILIZED SUBBASE
- (D) EXISTING SUB-BASE GRANULAR MATERIAL TYPE A 6"
- (E) EXISTING COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.18
- (F) EXISTING CONCRETE CURB TYPE B
- (G) EXISTING CONCRETE MEDIAN SURFACE 4"
- (H) EXISTING CONCRETE MEDIAN TYPE 6
- (I) EXISTING #5 TIE BAR
- (J) EXISTING #4 TIE BAR
- (K) EXISTING STABILIZED SHOULDERS, VARIES 12"-14"
- (L) EXISTING AGGREGATE SHOULDERS
- (M) EXISTING FENCE
- (N) EXISTING STEEL GUARDRAIL

PROPOSED:

- (1) POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 1 3/4"
- (2) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" & VARIES
- (3) PORTLAND CEMENT CONCRETE SHOULDERS 10 1/4"
- (4) TEMPORARY PAVEMENT, (10")
- (4A) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (4B) HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70, 8"
- (5) AGGREGATE BASE COURSE, TYPE B (6")
- (6) HOT-MIX ASPHALT BASE COURSE, 10 1/4"
- (7) AGGREGATE SHOULDERS, TYPE B 6"
- (8) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- (9) PCC PAVEMENT, 10 1/4" (JOINTED)
- (10) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"
- (11) STEEL PLATE BEAM GUARDRAIL, TY. A 6FT POSTS
- (12) CONCRETE CURB, TYPE B
- (13) CONCRETE MEDIAN SURFACE, 4"
- (14) CONCRETE MEDIAN, TY. SB
- (15) BITUMINOUS MATERIALS (PRIME COAT)
- (16) REGRADING AND LANDSCAPING TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS A2
- (17) HMA SURFACE REMOVAL, 2 1/2"
- (18) TIE BARS (INCLUDED IN THE COST OF THE PCC ITEM INVOLVED)
- (19) CHAIN LINK FENCE, 4'
- (20) AGGREGATE SUBGRADE IMPROVEMENT
- (21) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- (22) HMA SURFACE REMOVAL, VARIABLE DEPTH
- (23) TEMPORARY PAVEMENT, (11 1/2")
- (23A) HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
- (23B) HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N90, 9 1/2"



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USER NAME = default	DESIGNED - JG	REVISED -
PLOT SCALE = *SCALE*	CHECKED - OC	REVISED -
PLOT DATE = 12/7/2012	DATE - 11/08/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP A AND B TYPICAL SECTIONS

FILE NAME =	USER NAME = default	DESIGNED - JG	REVISED -	F.A.I. RTE. =	SECTION =	COUNTY =	TOTAL SHEETS =	SHEET NO. =
*FILE#		DRAWN - JG	REVISED -	94	2012-060-BR	COOK	285	23
		CHECKED - OC	REVISED -	CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	
		DATE - 11/08/2012	REVISED -	SCALE: N/A	SHEET NO. 2 OF 5 SHEETS	STA. N/A TO STA. N/A		

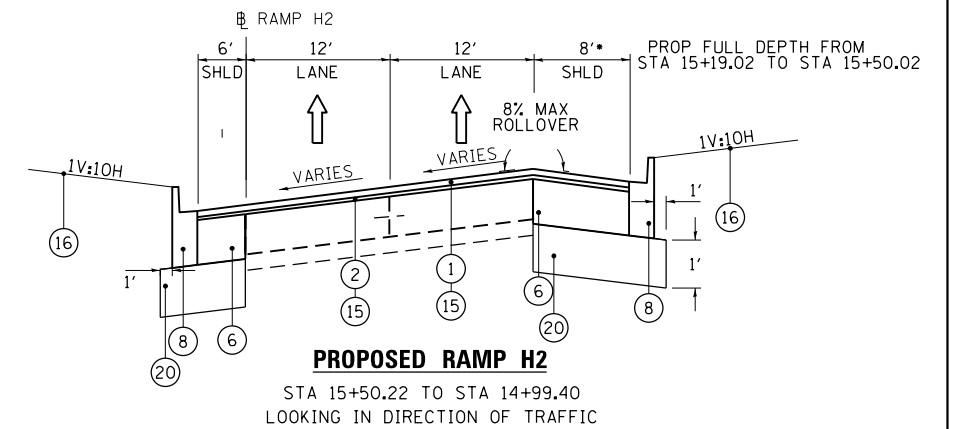
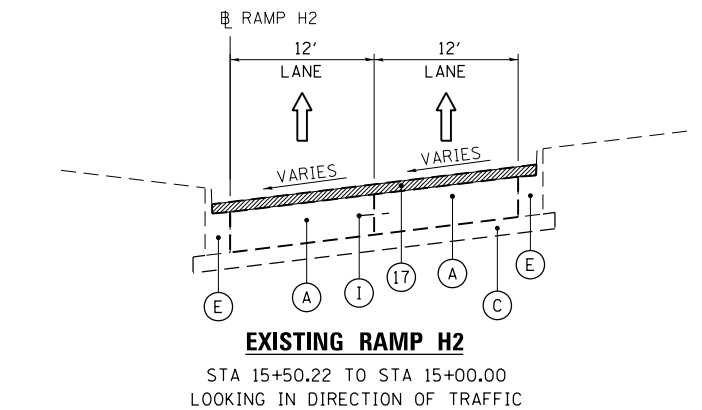
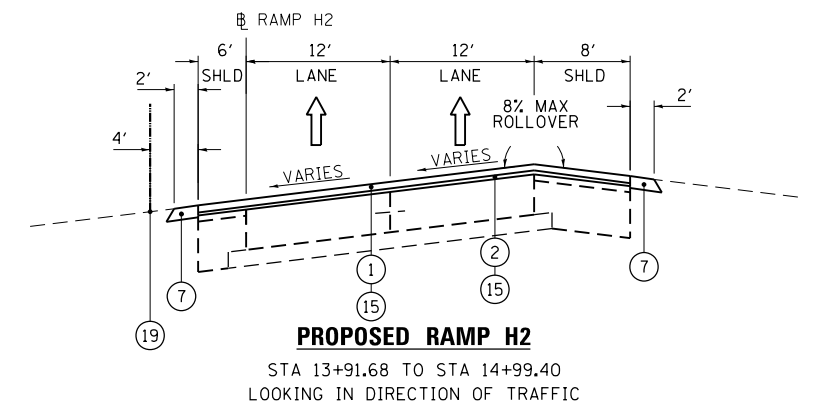
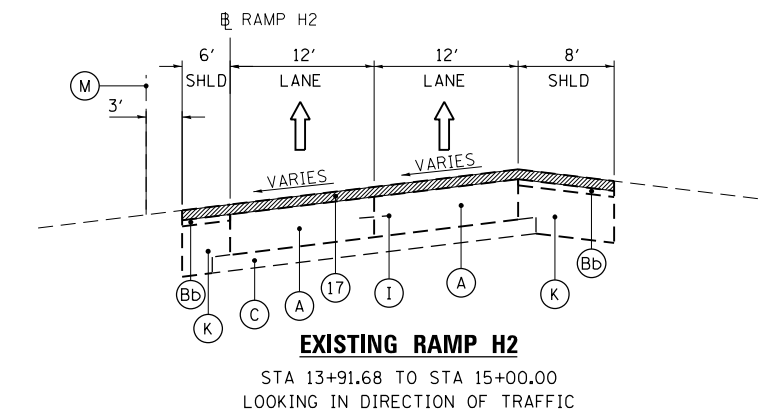
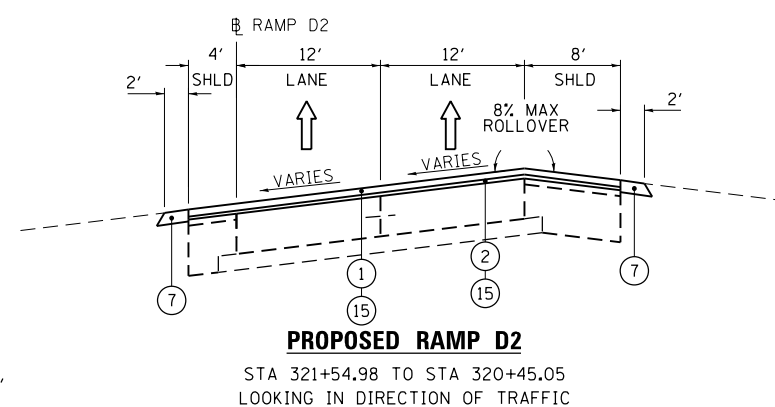
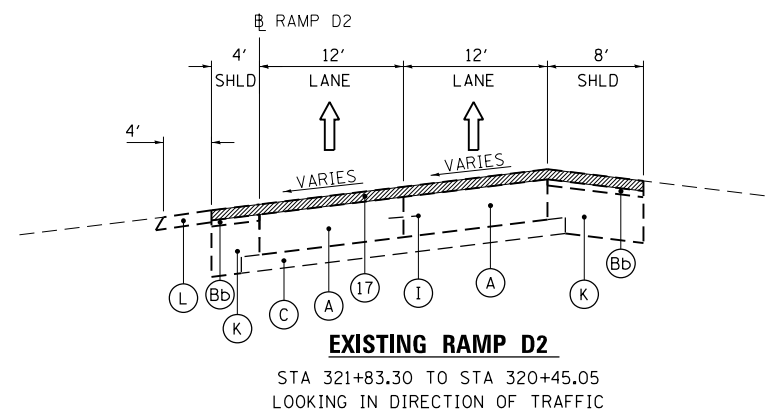
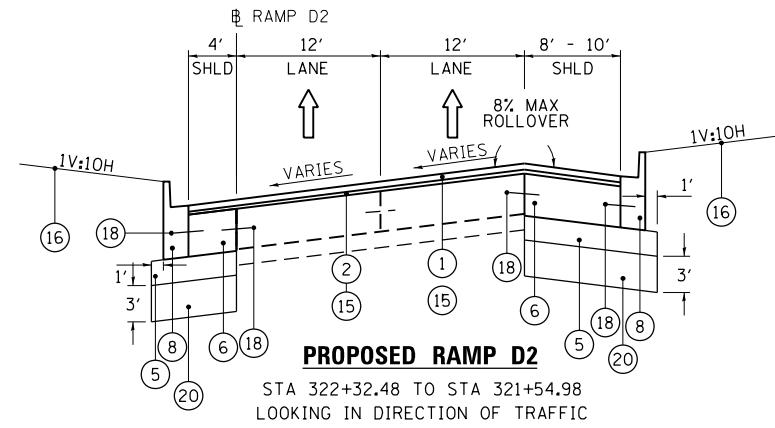
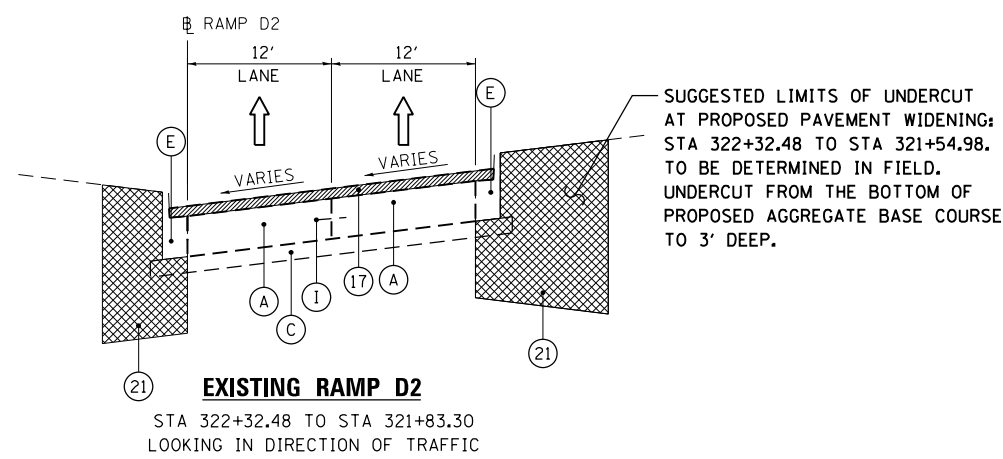
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EXISTING:

- (A) EXISTING 10" PCC PAVEMENT
- (B) EXISTING HMA OVERLAY
- (Bb) EXISTING HMA OVERLAY, VARIES 2 1/2 "
- (Bb) EXISTING HMA OVERLAY, VARIES 4"
- (C) EXISTING 4" STABILIZED SUBBASE
- (D) EXISTING SUB-BASE GRANULAR MATERIAL TYPE A 6"
- (E) EXISTING COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.18
- (F) EXISTING CONCRETE CURB TYPE B
- (G) EXISTING CONCRETE MEDIAN SURFACE 4"
- (H) EXISTING CONCRETE MEDIAN TYPE 6
- (I) EXISTING #5 TIE BAR
- (J) EXISTING #4 TIE BAR
- (K) EXISTING STABILIZED SHOULDERS, VARIES 12"-14"
- (L) EXISTING AGGREGATE SHOULDERS
- (M) EXISTING FENCE
- (N) EXISTING STEEL GUARDRAIL

PROPOSED:

- (1) POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 1 3/4 "
- (2) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" & VARIES
- (3) PORTLAND CEMENT CONCRETE SHOULDERS 10 1/4"
- (4) TEMPORARY PAVEMENT, (10")
- (4A) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (4B) HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70, 8"
- (5) AGGREGATE BASE COURSE, TYPE B (6")
- (6) HOT-MIX ASPHALT BASE COURSE, 10 1/4"
- (7) AGGREGATE SHOULDERS, TYPE B 6"
- (8) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- (9) PCC PAVEMENT, 10 1/4" (JOINTED)
- (10) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2 "
- (11) STEEL PLATE BEAM GUARDRAIL, TY. A 6FT POSTS
- (12) CONCRETE CURB, TYPE B
- (13) CONCRETE MEDIAN SURFACE, 4"
- (14) CONCRETE MEDIAN, TY. SB
- (15) BITUMINOUS MATERIALS (PRIME COAT)
- (16) REGRADING AND LANDSCAPING TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS A2
- (17) HMA SURFACE REMOVAL, 2 1/2 "
- (18) TIE BARS (INCLUDED IN THE COST OF THE PCC ITEM INVOLVED)
- (19) CHAIN LINK FENCE, 4'
- (20) AGGREGATE SUBGRADE IMPROVEMENT
- (21) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- (22) HMA SURFACE REMOVAL, VARIABLE DEPTH
- (23) TEMPORARY PAVEMENT, (11 1/2")
- (23A) HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
- (23B) HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N90, 9 1/2"



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FILE NAME =	USER NAME = default	DESIGNED - JG	REVISED -
#FILE#		DRAWN - JG	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - OC	REVISED -
	PLOT DATE = 12/7/2012	DATE - 11/08/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RAMP D2 AND H2 TYPICAL SECTIONS

SCALE: N/A	SHEET NO. 3 OF 5 SHEETS	STA. N/A TO STA. N/A	F.A.I. RTE. 94	SECTION 2012-060-BR	COUNTY COOK	TOTAL SHEETS 285	SHEET NO. 24
						CONTRACT NO. 60V61	
ILLINOIS FED. AID PROJECT							

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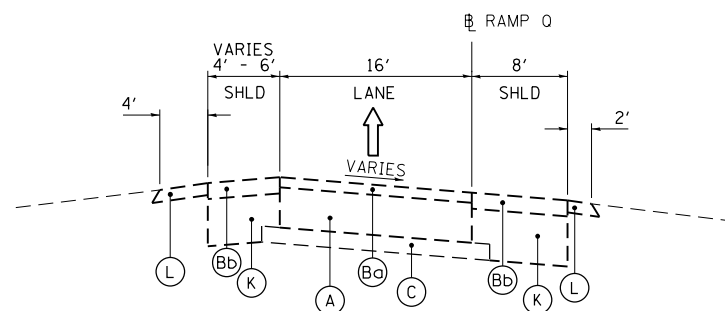
EXISTING:

- (A) EXISTING 10" PCC PAVEMENT
- (B) EXISTING HMA OVERLAY
- (Bb) EXISTING HMA OVERLAY, VARIES 2 1/2 "
- (Bb) EXISTING HMA OVERLAY, VARIES 4"
- (C) EXISTING 4" STABILIZED SUBBASE
- (D) EXISTING SUB-BASE GRANULAR MATERIAL TYPE A 6"
- (E) EXISTING COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.18
- (F) EXISTING CONCRETE CURB TYPE B
- (G) EXISTING CONCRETE MEDIAN SURFACE 4"
- (H) EXISTING CONCRETE MEDIAN TYPE 6
- (I) EXISTING #5 TIE BAR
- (J) EXISTING #4 TIE BAR
- (K) EXISTING STABILIZED SHOULDERS, VARIES 12"-14"
- (L) EXISTING AGGREGATE SHOULDERS
- (M) EXISTING FENCE
- (N) EXISTING STEEL GUARDRAIL

PROPOSED:

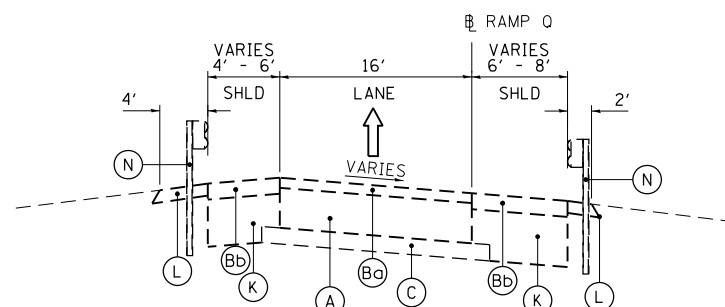
- (1) POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 1 3/4 "
- (2) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" & VARIES
- (3) PORTLAND CEMENT CONCRETE SHOULDERS 10 1/4"
- (4) TEMPORARY PAVEMENT, (10")
- (4A) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (4B) HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70, 8"
- (5) AGGREGATE BASE COURSE, TYPE B (6")
- (6) HOT-MIX ASPHALT BASE COURSE, 10 1/4"
- (7) AGGREGATE SHOULDERS, TYPE B 6"
- (8) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- (9) PCC PAVEMENT, 10 1/4" (JOINTED)
- (10) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2 "
- (11) STEEL PLATE BEAM GUARDRAIL, TY. A 6FT POSTS
- (12) CONCRETE CURB, TYPE B
- (13) CONCRETE MEDIAN SURFACE, 4"
- (14) CONCRETE MEDIAN, TY. SB
- (15) BITUMINOUS MATERIALS (PRIME COAT)
- (16) REGRADING AND LANDSCAPING
TOPSOIL FURNISH AND PLACE, 4"
SEEDING, CLASS A2
- (17) HMA SURFACE REMOVAL, 2 1/2 "
- (18) TIE BARS (INCLUDED IN THE COST OF THE PCC ITEM INVOLVED)
- (19) CHAIN LINK FENCE, 4'
- (20) AGGREGATE SUBGRADE IMPROVEMENT
- (21) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- (22) HMA SURFACE REMOVAL, VARIABLE DEPTH
- (23) TEMPORARY PAVEMENT, (11 1/2")
- (23A) HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
- (23B) HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N90, 9 1/2"

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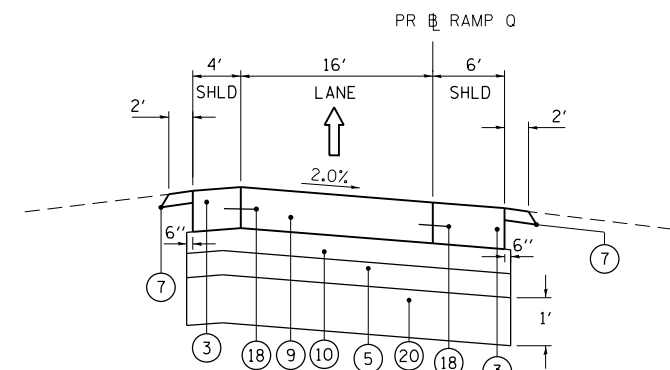
EXISTING RAMP Q

STA 1702+26.99 TO STA 1703+67.41
STA 1722+00.00 TO STA 1723+85.98
LOOKING IN DIRECTION OF TRAFFIC



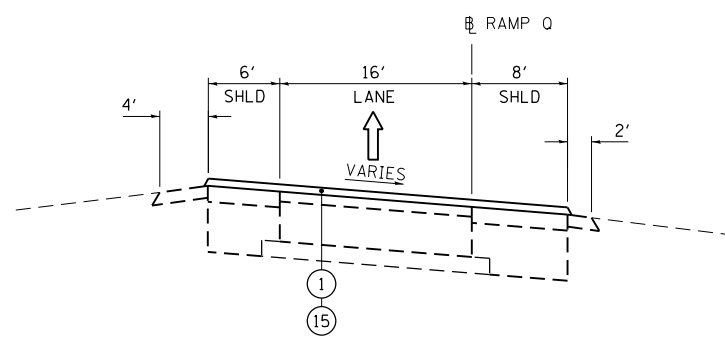
EXISTING RAMP Q

STA 1703+67.41 TO STA 1705+06.86
STA 1720+71.42 TO STA 1722+00.00
LOOKING IN DIRECTION OF TRAFFIC



PROPOSED RAMP Q

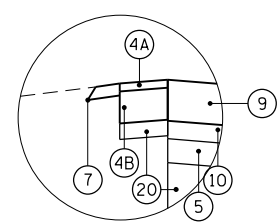
STA 1702+50.00 TO STA 1705+06.86
STA 1720+71.42 TO STA 1723+24.98
LOOKING IN DIRECTION OF TRAFFIC
e = 6.0% STA 1709+09.28 TO STA 1719+88.04



PROPOSED RAMP Q

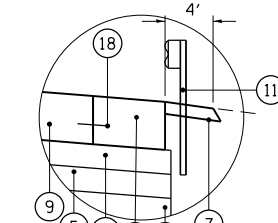
STA 1702+12.00 TO STA 1702+50.00
LOOKING IN DIRECTION OF TRAFFIC

STRUCTURAL DESIGN TRAFFIC:	YEAR 2013
PV=7,533	SU=837 MU=930
ROAD CLASSIFICATION:	CLASS I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P= 81%	S= 9% M=10%
TRAFFIC FACTOR:	ACTUAL TF= 15.38
	MINIMUM TF= 4.59
SUBGRADE SUPPORT RATING:	
SSR=	POOR



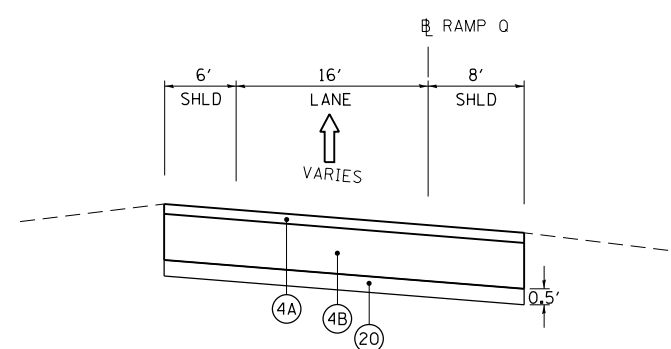
LEFT SHOULDER DETAIL

STA 1702+50.00 TO STA 1703.10.78 (L)
LOOKING IN DIRECTION OF TRAFFIC



GUARDRAIL DETAIL

STA 1704+40.80 TO STA 1705+06.86 (L)
STA 1704+40.80 TO STA 1705+06.86 (R)
STA 1720+71.42 TO STA 1721+83.59 (R)
LOOKING IN DIRECTION OF TRAFFIC



PROPOSED RAMP Q

STA 1723+24.98 TO STA 1723+95.00
LOOKING IN DIRECTION OF TRAFFIC

FILE NAME =	USER NAME = default	DESIGNED - JG	REVISED -
#FILE#		DRAWN - JG	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - OC	REVISED -
	PLOT DATE = 12/7/2012	DATE - 11/08/2012	REVISED -

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DEPARTMENT OF TRANSPORTATION



RAMP Q TYPICAL SECTIONS

SCALE: N/A SHEET NO. 4 OF 5 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	25
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	

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LEGEND:

-  EARTHWORK
-  TOPSOIL EXCAVATION AND PLACEMENT

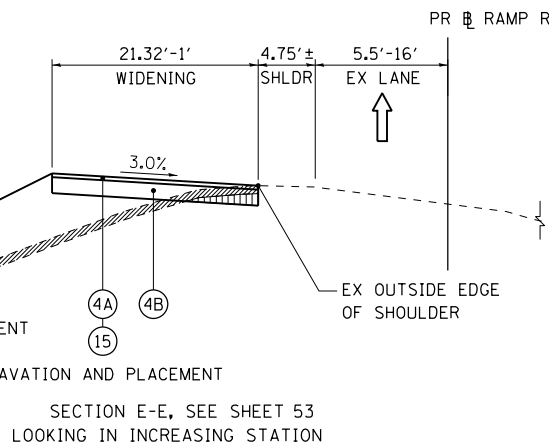
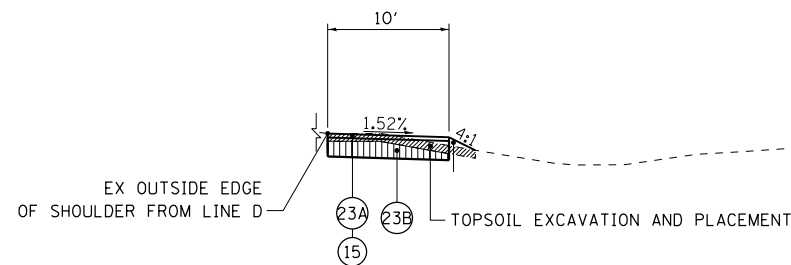
PROPOSED:

- ① POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 1 3/4 "
- ② POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" & VARIES
- ③ PORTLAND CEMENT CONCRETE SHOULDERS 10 1/4"
- ④ TEMPORARY PAVEMENT, (10")
- ④A HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ④B HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70, 8"
- ⑤ AGGREGATE BASE COURSE, TYPE B (6")
- ⑥ HOT-MIX ASPHALT BASE COURSE, 10 1/4"
- ⑦ AGGREGATE SHOULDERS, TYPE B 6"
- ⑧ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑨ PCC PAVEMENT, 10 1/4" (JOINTED)
- ⑩ STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2 "
- ⑪ STEEL PLATE BEAM GUARDRAIL, TY. A 6FT POSTS
- ⑫ CONCRETE CURB, TYPE B
- ⑬ CONCRETE MEDIAN SURFACE, 4"
- ⑭ CONCRETE MEDIAN, TY. SB
- ⑮ BITUMINOUS MATERIALS (PRIME COAT)
- ⑯ REGRADING AND LANDSCAPING
TOPSOIL FURNISH AND PLACE, 4"
SEEDING, CLASS A2
- ⑰ HMA SURFACE REMOVAL, 2 1/2 "
- ⑱ TIE BARS (INCLUDED IN THE COST OF THE PCC ITEM INVOLVED)
- ⑲ CHAIN LINK FENCE, 4'
- ⑳ AGGREGATE SUBGRADE IMPROVEMENT
- ㉑ REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- ㉒ HMA SURFACE REMOVAL, VARIABLE DEPTH
- ㉓ TEMPORARY PAVEMENT, (11 1/2")
- ㉓A HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
- ㉓B HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N90, 9 1/2"

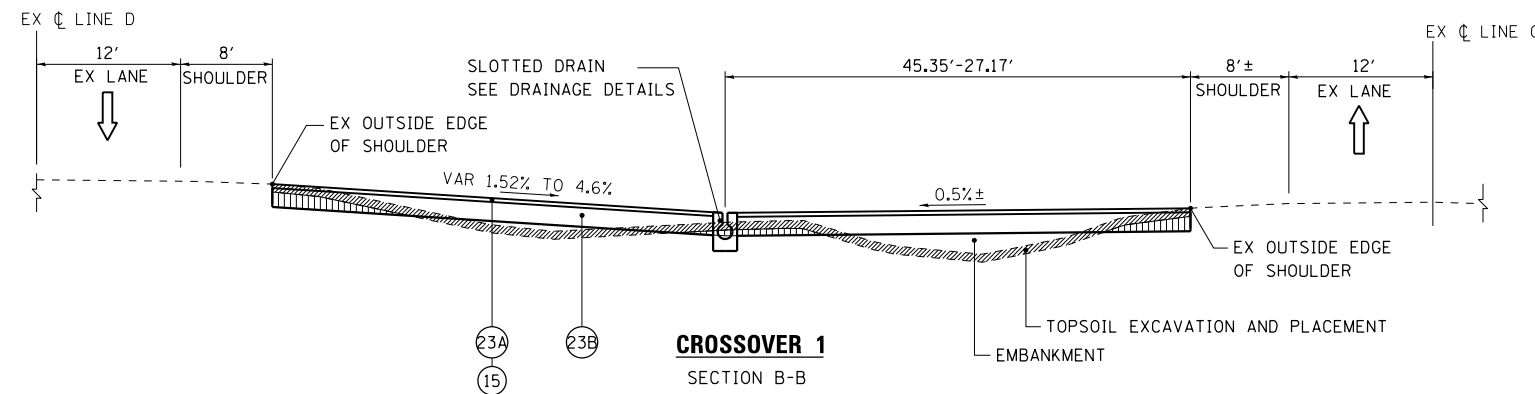
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- ㉓A HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
- ㉓B HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N90, 9 1/2"

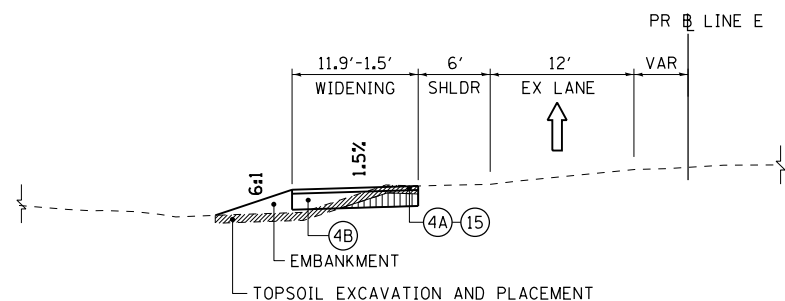


SECTION E-E, SEE SHEET 53
LOOKING IN INCREASING STATION

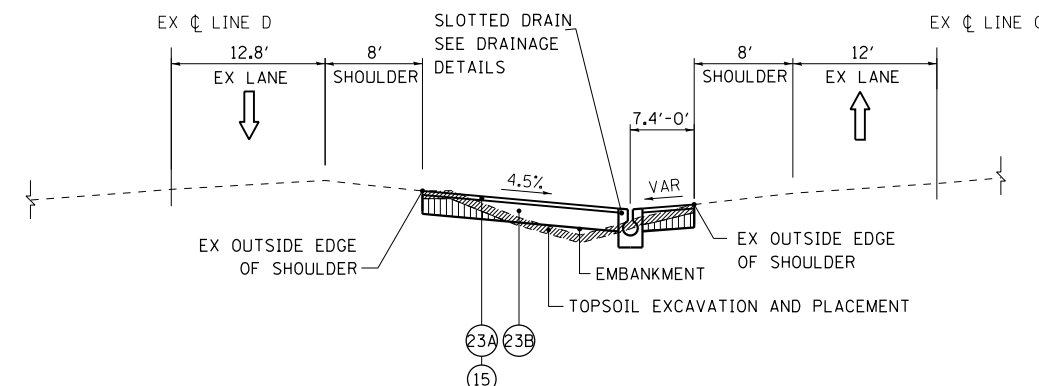


CROSSOVER 1
SECTION A-A
SEE SHEET 52

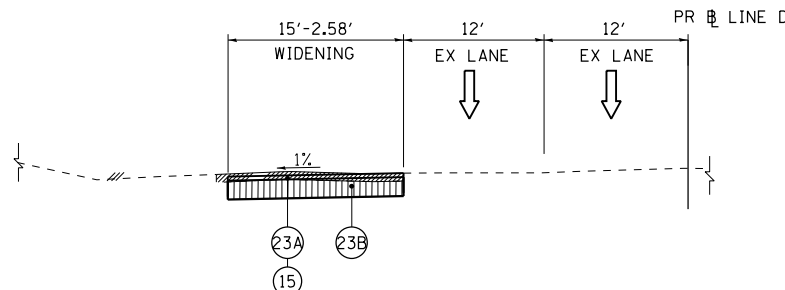
CROSSOVER 1
SECTION B-B
SEE SHEET 52



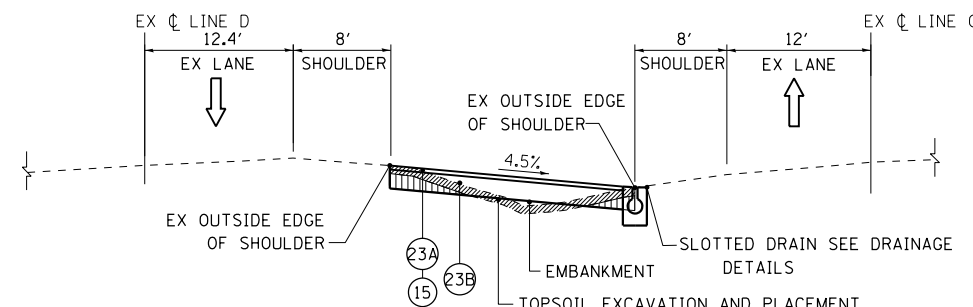
SECTION F-F, SEE SHEET 53
LOOKING IN INCREASING STATION



CROSSOVER 2
SECTION C-C
SEE SHEET 53



WIDENING
SECTION G-G, SEE SHEET 47
LOOKING IN INCREASING STATION



CROSSOVER 2
SECTION D-D
SEE SHEET 53

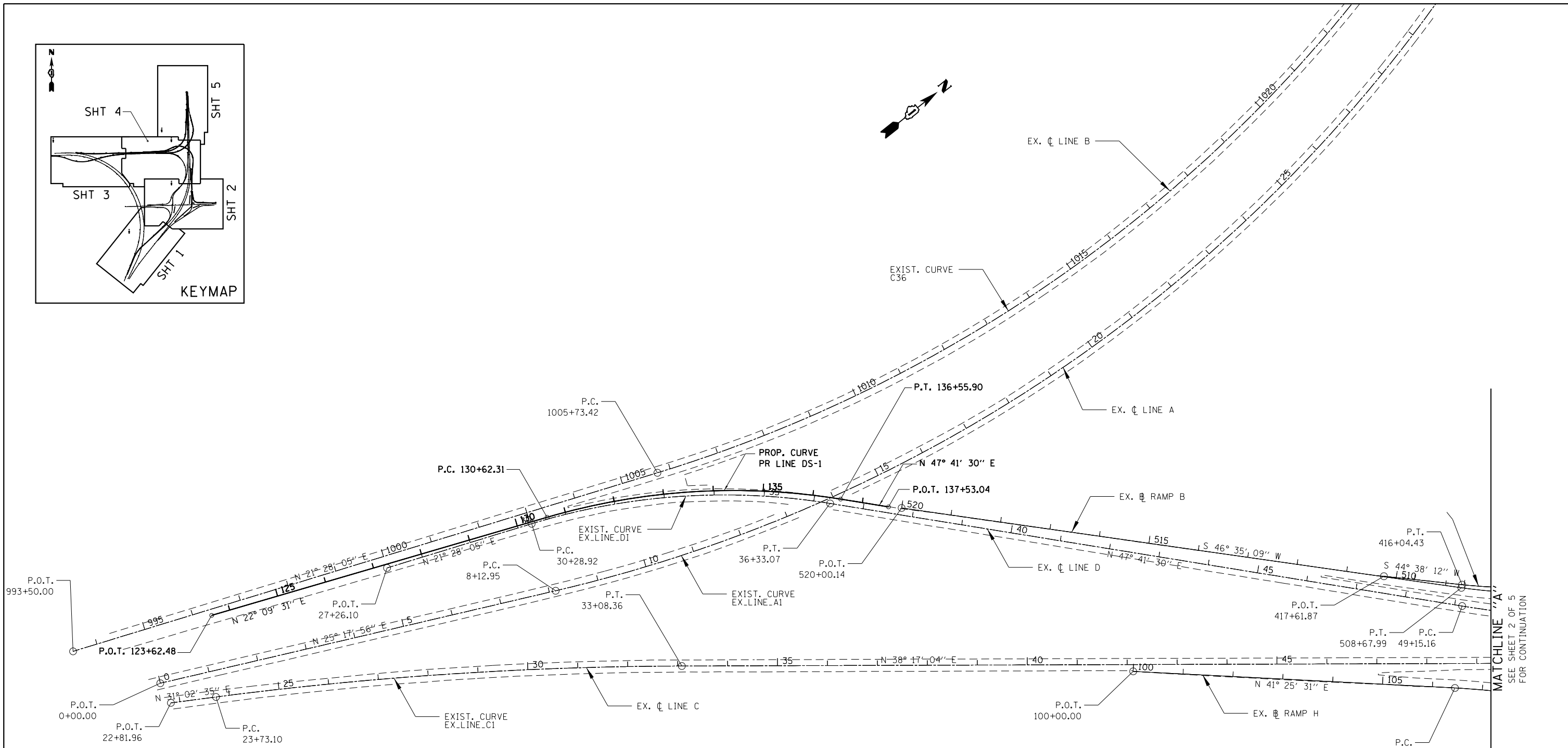
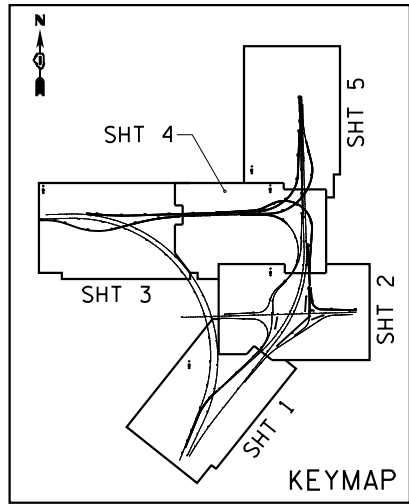
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	PLOT SCALE = #SCALE#	CHECKED - OC	REVISED -
	PLOT DATE = 12/7/2012	DATE - 11/08/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: N/A		SHEET NO. 5 OF 5 SHEETS		STA. N/A TO STA. N/A	
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	26
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	

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EXIST. CURVE EX-LINE.C1
 PI STA. = 28+41.36
 $\Delta = 7^\circ 14' 29''$ (RT)
 $D = 0^\circ 46' 27''$
 $R = 7,400.00'$
 $T = 468.26'$
 $L = 935.26'$
 $E = 14.80'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 23+73.10$
 $P.T. STA. = 33+08.36$
 $DS = 55 \text{ MPH}$

EXIST. CURVE EX-LINE.A1
 PI STA. = 57+39.08
 $\Delta = 117^\circ 00' 14''$ (LT)
 $D = 1^\circ 53' 53''$
 $R = 3,018.50'$
 $T = 4,926.13'$
 $L = 6,164.09'$
 $E = 2,758.88'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 8+12.95$
 $P.T. STA. = 69+77.04$
 $DS = 55 \text{ MPH}$

EXIST. CURVE C36
 PI STA. = 1049+07.94
 $\Delta = 113^\circ 05' 28''$ (LT)
 $D = 2^\circ 00' 02''$
 $R = 2,864.00'$
 $T = 4,334.52'$
 $L = 5,653.00'$
 $E = 2,331.24'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 1005+73.42$
 $P.T. STA. = 1062+26.42$
 $DS = 55 \text{ MPH}$

EXIST. CURVE EX-LINE.D1
 PI STA. = 33+36.38
 $\Delta = 26^\circ 13' 25''$ (RT)
 $D = 4^\circ 20' 26''$
 $R = 1,320.00'$
 $T = 307.46'$
 $L = 604.15'$
 $E = 35.33'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 30+28.92$
 $P.T. STA. = 36+33.07$
 $DS = 55 \text{ MPH}$

PROP. CURVE PR-LINE-DS-1
 PI STA. = 133+64.12
 $N = 1,853,125.7984$
 $E = 1,186,514.0276$
 $\Delta = 25^\circ 31' 59''$ (RT)
 $D = 4^\circ 18' 05''$
 $R = 1,332.00'$
 $T = 301.80'$
 $L = 593.59'$
 $E = 33.76'$
 $e = N/A$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA. = 130+62.31$
 $N = 1,834,846.2847$
 $E = 1,186,400.1956$
 $P.T. STA. = 136+55.90$
 $N = 1,835,328.9489$
 $E = 1,186,737.2214$
 $DS = 55 \text{ MPH}$

NOTES:
 T.R. = TANGENT RUNOUT
 S.E. RUN = SUPERELEVATION RUNOFF
 S.A. (SUPERELEVATION OBTAINED) IS THE SUM OF T.R. AND S.E. RUN
 S.R. (SUPERELEVATION REMOVED) IS THE SUM OF T.R. AND S.E. RUN

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FILE NAME =	USER NAME = default	DESIGNED - JG	REVISED -
*FILEL\$		DRAWN - JG	REVISED -
	PLOT SCALE = *SCALE*	CHECKED - OC	REVISED -
	PLOT DATE = 12/7/2012	DATE - 11/08/2012	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1"=100' SHEET NO. 1 OF 6 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	27
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	

MATCHLINE "A"
 SEE SHEET 2 OF 5
 FOR CONTINUATION

EXIST. CURVE EX_RAMP_R2
PI STA. = 619+66.20
 $\Delta = 89^\circ 54' 07''$ (RT)
D = 6° 59' 14"
R = 820.00'
T = 818.60'
L = 1,286.65'
E = 338.66'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 611+47.60
P.T. STA. = 624+34.25
DS = 45 MPH

EXIST. CURVE EX_RAMP_R3
PI STA. = 628+27.29
 $\Delta = 26^\circ 59' 51''$ (LT)
D = 13° 01' 18"
R = 440.00'
T = 105.62'
L = 207.32'
E = 12.50'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 627+21.67
P.T. STA. = 629+28.99
DS = 25 MPH

EXIST. CURVE EX_RAMP_R4
PI STA. = 632+51.28
 $\Delta = 68^\circ 06' 29''$ (RT)
D = 24° 22' 52"
R = 235.00'
T = 158.83'
L = 279.35'
E = 48.64'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 630+92.45
P.T. STA. = 633+71.80
DS = 25 MPH

EXIST. CURVE EX_RAMP_D11
PI STA. = 318+66.47
 $\Delta = 47^\circ 57' 10''$ (LT)
D = 13° 19' 29"
R = 430.00'
T = 191.24'
L = 359.88'
E = 40.61'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 316+75.23
P.T. STA. = 320+35.11
DS = 20 MPH

EXIST. CURVE EX_RAMP_D1
PI STA. = 310+75.70
 $\Delta = 44^\circ 55' 02''$ (RT)
D = 5° 40' 22"
R = 1,010.00'
T = 417.50'
L = 791.80'
E = 82.89'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 306+58.20
P.T. STA. = 314+50.00
DS = 45 MPH

NOTES:
T.R. = TANGENT RUNOUT
S.E. RUN = SUPERELEVATION RUNOFF
S.A. (SUPERELEVATION OBTAINED) IS THE SUM OF T.R. AND S.E. RUN
S.R. (SUPERELEVATION REMOVED) IS THE SUM OF T.R. AND S.E. RUN

MATCHLINE "B"
SEE SHEET 4 OF 5
FOR CONTINUATION

EXIST. CURVE EX_RAMP_F21
PI STA. = 208+79.34
 $\Delta = 84^\circ 57' 31''$ (RT)
D = 24° 54' 40"
R = 230.00'
T = 210.60'
L = 341.05'
E = 81.86'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 206+68.74
P.T. STA. = 210+09.79
DS = 25 MPH

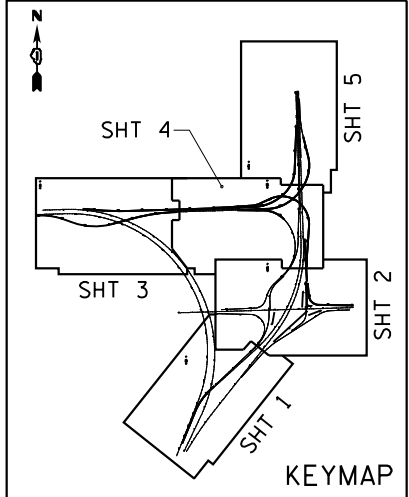
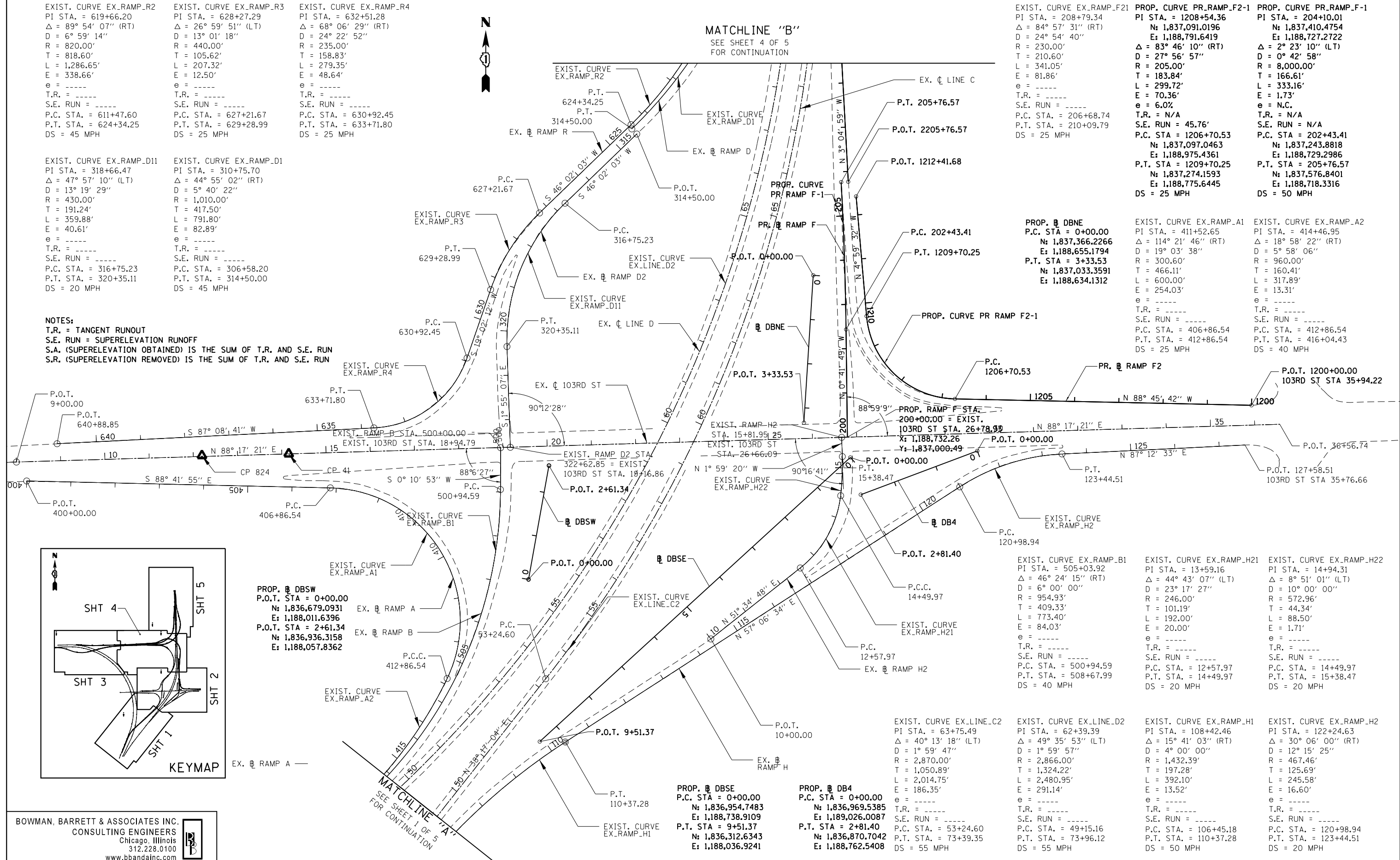
PROP. CURVE PR_RAMP_F2-1
PI STA. = 1208+54.36
N: 1,837,091.0196
E: 1,188,791.6419
 $\Delta = 83^\circ 46' 10''$ (RT)
D = 27° 56' 57"
R = 205.00'
T = 183.84'
L = 299.72'
E = 70.36'
e = 6.0%
T.R. = N/A
S.E. RUN = 45.76'
P.C. STA. = 1206+70.53
N: 1,837,097.0463
E: 1,188,975.4361
P.T. STA. = 1209+70.25
N: 1,837,274.1593
E: 1,188,775.6445
DS = 25 MPH

PROP. CURVE PR_RAMP_F-1
PI STA. = 204+10.01
N: 1,837,410.4754
E: 1,188,727.2722
 $\Delta = 2^\circ 23' 10''$ (LT)
D = 0° 42' 58"
R = 8,000.00'
T = 166.61'
L = 333.16'
E = 1.73'
e = N.C.
T.R. = N/A
S.E. RUN = N/A
P.C. STA. = 202+43.41
N: 1,837,243.8818
E: 1,188,729.2986
P.T. STA. = 205+76.57
N: 1,837,576.8401
E: 1,188,718.3316
DS = 50 MPH

PROP. DBNE
P.C. STA = 0+00.00
N: 1,837,366.2266
E: 1,188,655.1794
P.T. STA = 3+33.53
N: 1,837,033.3591
E: 1,188,634.1312

EXIST. CURVE EX_RAMP_A1
PI STA. = 411+52.65
 $\Delta = 114^\circ 21' 46''$ (RT)
D = 19° 03' 38"
R = 300.60'
T = 466.11'
L = 600.00'
E = 254.03'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 406+86.54
P.T. STA. = 412+86.54
DS = 25 MPH

EXIST. CURVE EX_RAMP_A2
PI STA. = 414+46.95
 $\Delta = 18^\circ 58' 22''$ (RT)
D = 5° 58' 06"
R = 960.00'
T = 160.41'
L = 317.89'
E = 13.31'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 412+86.54
P.T. STA. = 416+04.43
DS = 40 MPH



PROP. DBSW
P.O.T. STA = 0+00.00
N: 1,836,679.0931
E: 1,188,011.6396
P.O.T. STA = 2+61.34
N: 1,836,936.3158
E: 1,188,057.8362

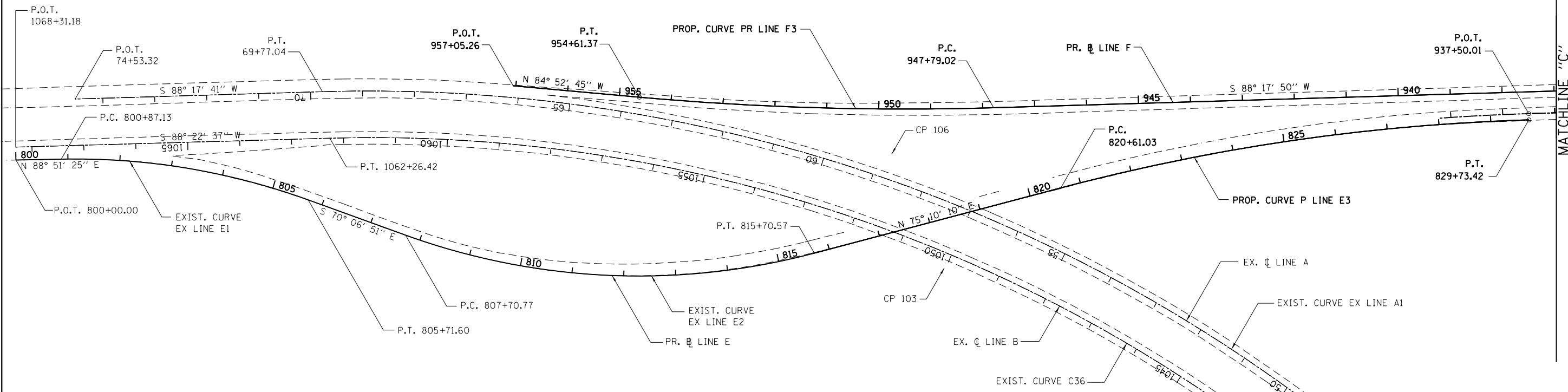
PROP. DBSE
P.C. STA = 0+00.00
N: 1,836,954.7483
E: 1,188,738.9109
P.T. STA = 9+51.37
N: 1,836,312.6343
E: 1,188,036.9241

PROP. DB4
P.C. STA = 0+00.00
N: 1,836,969.5385
E: 1,189,026.0087
P.T. STA = 2+81.40
N: 1,836,870.7042
E: 1,188,762.5408

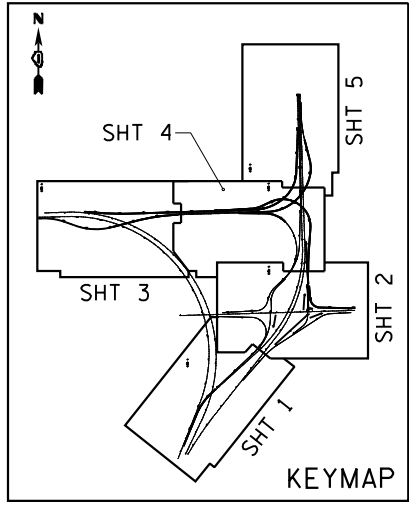
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FILE NAME =	USER NAME = default	DESIGNED - JG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT, TIES, AND BENCHMARKS			F.A.I. R.T.E. = 94	SECTION = 2012-060-BR	COUNTY = COOK	TOTAL SHEETS = 285	SHEET NO. = 28
#FILE#	PLOT SCALE = #SCALE#	DRAWN - JG	REVISED -		SCALE: 1"=100'	SHEET NO. 2 OF 6 SHEETS	STA. N/A TO STA. N/A	CONTRACT NO. 60V61				
	PLOT DATE = 12/7/2012	CHECKED - OC	REVISED -					ILLINOIS FED. AID PROJECT				
		DATE - 11/08/2012	REVISED -									

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MATCHLINE "C"
SEE SHEET 4 OF 5
FOR CONTINUATION



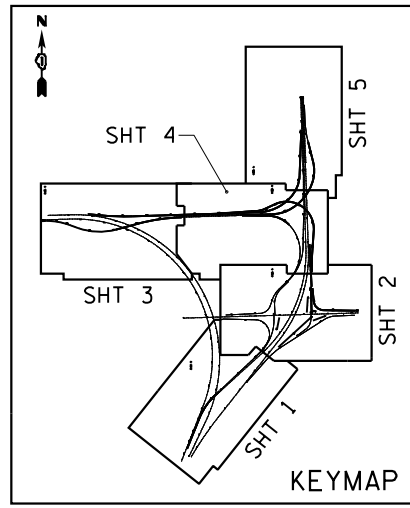
EXIST. CURVE EX.LINE.E1 PI STA. = 803+32.12 $\Delta = 21^\circ 01' 44''$ (RT) $D = 4^\circ 20' 26''$ $R = 1,320.00'$ $T = 244.99'$ $L = 484.47'$ $E = 22.54'$ $e = \text{-----}$ $T.R. = \text{-----}$ $S.E. RUN = \text{-----}$ P.C. STA. = 800+87.13 P.T. STA. = 805+71.60 DS = 55 MPH	EXIST. CURVE EX.LINE.E2 PI STA. = 811+83.37 $\Delta = 34^\circ 42' 59''$ (LT) $D = 4^\circ 20' 26''$ $R = 1,320.00'$ $T = 412.60'$ $L = 799.81'$ $E = 62.98'$ $e = \text{-----}$ $T.R. = \text{-----}$ $S.E. RUN = \text{-----}$ P.C. STA. = 807+70.77 P.T. STA. = 815+70.57 DS = 55 MPH	PROP. CURVE P.LINE.E3 PI STA. = 825+19.23 $N: 1,839,007.2708$ $E: 1,185,570.9958$ $\Delta = 13^\circ 07' 40''$ (RT) $D = 1^\circ 26' 20''$ $R = 3,982.09'$ $T = 458.20'$ $L = 912.39'$ $E = 26.27'$ $S.E. RUN = 122'$ $T.R. = 76.25'$ P.C. STA. = 820+61.03 $N: 1,838,889.9894$ $E: 1,185,128.0579$ P.T. STA. = 829+73.42 $N: 1,839,020.8853$ $E: 1,186,028.9953$ DS = 55 MPH	EXIST. CURVE EX.LINE.A1 PI STA. = 57+39.08 $\Delta = 117^\circ 00' 14''$ (LT) $D = 1^\circ 53' 53''$ $R = 3,018.50'$ $T = 4,926.13'$ $L = 6,164.09'$ $E = 2,758.88'$ $e = \text{-----}$ $T.R. = \text{-----}$ $S.E. RUN = \text{-----}$ P.C. STA. = 8+12.95 P.T. STA. = 69+77.04 DS = 55 MPH	EXIST. CURVE C36 PI STA. = 1049+07.94 $\Delta = 113^\circ 05' 28''$ (LT) $D = 2^\circ 00' 02''$ $R = 2,864.00'$ $T = 4,334.52'$ $L = 5,653.00'$ $E = 2,331.24'$ $e = \text{-----}$ $T.R. = \text{-----}$ $S.E. RUN = \text{-----}$ P.C. STA. = 1005+73.42 P.T. STA. = 1062+26.42 DS = 55 MPH	PROP. CURVE PR.LINE.F3 PI STA. = 951+20.60 $N: 1,839,034.1372$ $E: 1,184,657.4071$ $\Delta = 6^\circ 49' 24''$ (RT) $D = 1^\circ 00' 00''$ $R = 5,729.58'$ $T = 341.58'$ $L = 682.35'$ $E = 10.17'$ $S.E. RUN = 2.5\%$ $T.R. = N/A$ $S.E. RUN = N/A$ P.C. STA. = 947+79.02 $N: 1,839,044.2865$ $E: 1,184,998.8329$ P.T. STA. = 954+61.37 $N: 1,839,064.6248$ $E: 1,184,317.1938$ DS = 55 MPH
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NOTES:
 T.R. = TANGENT RUNOUT
 S.E. RUN = SUPERELEVATION RUNOFF
 S.A. (SUPERELEVATION OBTAINED) IS THE SUM OF T.R. AND S.E. RUN
 S.R. (SUPERELEVATION REMOVED) IS THE SUM OF T.R. AND S.E. RUN

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FILE NAME =	USER NAME = default	DESIGNED - JG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT, TIES, AND BENCHMARKS			F.A.I. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#	PLOT SCALE = #SCALE#	DRAWN - JG	REVISED -					94	2012-060-BR	COOK	285	29
	PLOT DATE = 12/7/2012	CHECKED - OC	REVISED -					CONTRACT NO. 60V61				
		DATE - 11/08/2012	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE: 1"=100'			SHEET NO. 3 OF 6 SHEETS		STA. N/A TO STA. N/A			

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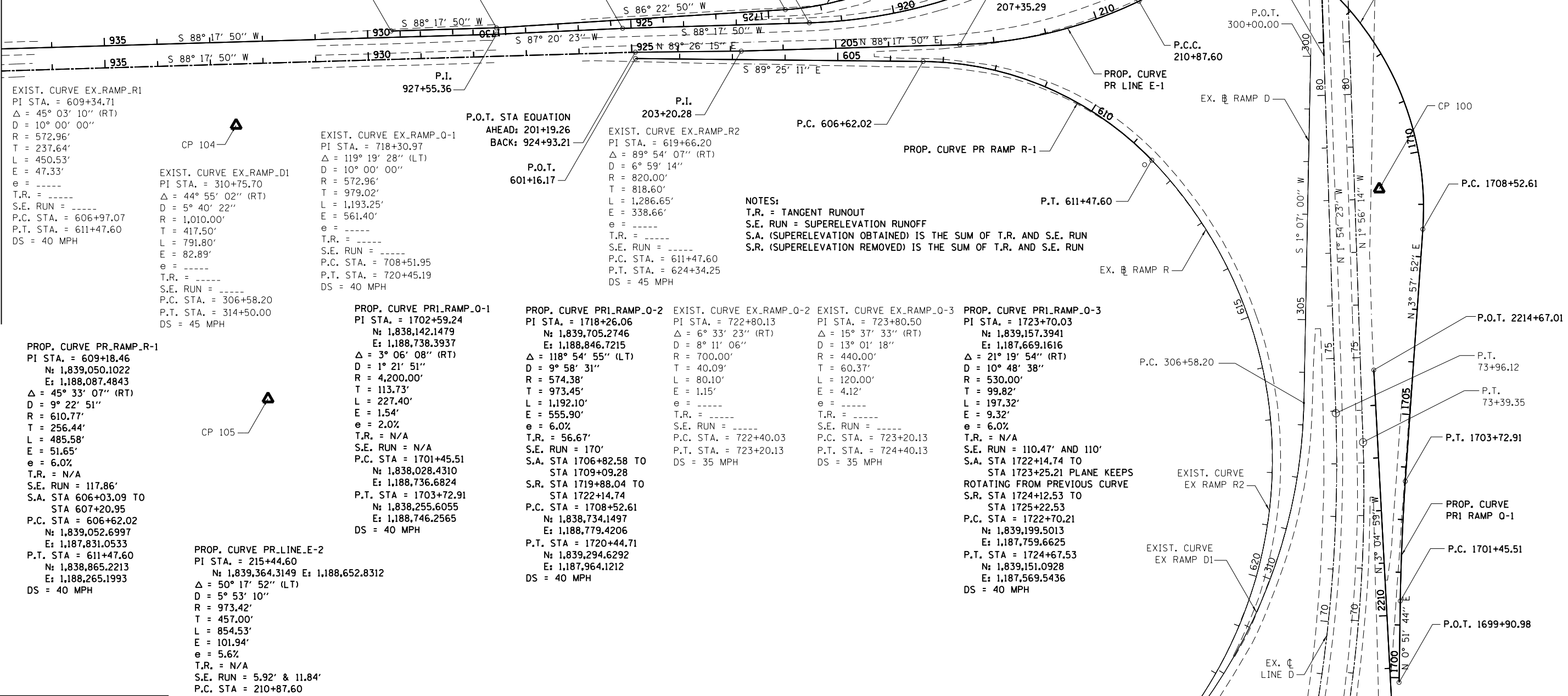
EXIST. CURVE EX_LINE.F3
 PI STA. = 947+81.26
 $\Delta = 44^\circ 00' 20''$ (LT)
 $D = 5^\circ 54' 24''$
 $R = 970.00'$
 $T = 391.96'$
 $L = 745.00'$
 $E = 76.20'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA. = 943+89.30
 P.T. STA. = 951+34.30
 DS = 50 MPH

PROP. CURVE PR_LINE.F2
 PI STA. = 918+09.31
 $N: 1,839,137.6763$ E: 1,188,005.8911
 $\Delta = 44^\circ 00' 23''$ (RT)
 $D = 5^\circ 55' 16''$
 $R = 967.66'$
 $T = 391.02'$
 $L = 743.22'$
 $E = 76.02'$
 $e = 6.0\%$
 $T.R. = N/A$
 $S.E. RUN = 128'$
 S.A. STA 920+97.5 TO
 STA 922+25.5
 P.C. STA = 914+18.29
 $N: 1,839,417.5709$ E: 1,188,278.9425
 P.T. STA = 921+61.50
 $N: 1,839,126.0579$ E: 1,187,615.0420
 DS = 50 MPH

PROP. CURVE PR_LINE.E-1
 PI STA. = 209+14.04
 $N: 1,839,089.8391$ E: 1,188,079.3914
 $\Delta = 23^\circ 52' 31''$ (LT)
 $D = 6^\circ 46' 37''$
 $R = 845.47'$
 $T = 178.75'$
 $L = 352.31'$
 $E = 18.69'$
 $e = 5.8\%$
 $T.R. = N/A$
 $S.E. RUN = 112.48$
 S.A. STA 206+80.04 TO
 STA 207+92.52
 P.C. STA = 207+35.29
 $N: 1,839,084.5279$ E: 1,187,900.7216
 P.T. STA = 210+87.60
 $N: 1,839,167.0120$ E: 1,188,240.6225
 DS = 45 MPH

MATCHLINE "D"
 SEE SHEET 5 OF 5
 FOR CONTINUATION

MATCHLINE "C"
 SEE SHEET 3 OF 5
 FOR CONTINUATION



EXIST. CURVE EX_RAMP_R1
 PI STA. = 609+34.71
 $\Delta = 45^\circ 03' 10''$ (RT)
 $R = 572.96'$
 $T = 237.64'$
 $L = 450.53'$
 $E = 47.33'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA. = 606+97.07
 P.T. STA. = 611+47.60
 DS = 40 MPH

EXIST. CURVE EX_RAMP_D1
 PI STA. = 310+75.70
 $\Delta = 44^\circ 55' 02''$ (RT)
 $D = 5^\circ 40' 22''$
 $R = 1,010.00'$
 $T = 417.50'$
 $L = 791.80'$
 $E = 82.89'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA. = 306+58.20
 P.T. STA. = 314+50.00
 DS = 45 MPH

EXIST. CURVE EX_RAMP_O-1
 PI STA. = 718+30.97
 $\Delta = 119^\circ 19' 28''$ (LT)
 $D = 10^\circ 00' 00''$
 $R = 572.96'$
 $T = 979.02'$
 $L = 1,193.25'$
 $E = 561.40'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA. = 708+51.95
 P.T. STA. = 720+45.19
 DS = 40 MPH

P.O.T. STA EQUATION
 AHEAD: 201+19.26
 BACK: 924+93.21
 P.O.T. 601+16.17

EXIST. CURVE EX_RAMP_R2
 PI STA. = 619+66.20
 $\Delta = 89^\circ 54' 07''$ (RT)
 $D = 6^\circ 59' 14''$
 $R = 820.00'$
 $T = 818.60'$
 $L = 1,286.65'$
 $E = 338.66'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA. = 611+47.60
 P.T. STA. = 624+34.25
 DS = 45 MPH

NOTES:
 T.R. = TANGENT RUNOUT
 S.E. RUN = SUPERELEVATION RUNOFF
 S.A. (SUPERELEVATION OBTAINED) IS THE SUM OF T.R. AND S.E. RUN
 S.R. (SUPERELEVATION REMOVED) IS THE SUM OF T.R. AND S.E. RUN

PROP. CURVE PR_RAMP_R-1
 PI STA. = 609+18.46
 $N: 1,839,050.1022$
 $E: 1,188,087.4843$
 $\Delta = 45^\circ 33' 07''$ (RT)
 $D = 9^\circ 22' 51''$
 $R = 610.77'$
 $T = 256.44'$
 $L = 485.58'$
 $E = 51.65'$
 $e = 6.0\%$
 $T.R. = N/A$
 $S.E. RUN = 117.86'$
 S.A. STA 606+03.09 TO
 STA 607+20.95
 P.C. STA = 606+62.02
 $N: 1,839,052.6997$
 $E: 1,187,831.0533$
 P.T. STA = 611+47.60
 $N: 1,838,865.2213$
 $E: 1,188,265.1993$
 DS = 40 MPH

PROP. CURVE PR_LINE.E-2
 PI STA. = 215+44.60
 $N: 1,839,364.3149$ E: 1,188,652.8312
 $\Delta = 50^\circ 17' 52''$ (LT)
 $D = 5^\circ 53' 10''$
 $R = 973.42'$
 $T = 457.00'$
 $L = 854.53'$
 $E = 101.94'$
 $e = 5.6\%$
 $T.R. = N/A$
 $S.E. RUN = 5.92' \& 11.84'$
 P.C. STA = 210+87.60
 $N: 1,839,167.0120$ E: 1,188,240.6225
 P.T. STA = 219+42.13
 $N: 1,839,807.4945$ E: 1,188,764.3492
 DS = 45 MPH

PROP. CURVE PR_RAMP_O-1
 PI STA. = 1702+59.24
 $N: 1,838,142.1479$
 $E: 1,188,738.3937$
 $\Delta = 3^\circ 06' 08''$ (RT)
 $D = 1^\circ 21' 51''$
 $R = 4,200.00'$
 $T = 113.73'$
 $L = 227.40'$
 $E = 1.54'$
 $e = 2.0\%$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 P.C. STA = 1701+45.51
 $N: 1,838,028.4310$
 $E: 1,188,736.6824$
 P.T. STA = 1703+72.91
 $N: 1,838,255.6055$
 $E: 1,188,746.2565$
 DS = 40 MPH

PROP. CURVE PR_RAMP_O-2
 PI STA. = 1718+26.06
 $N: 1,839,705.2746$
 $E: 1,188,846.7215$
 $\Delta = 118^\circ 54' 55''$ (LT)
 $D = 9^\circ 58' 31''$
 $R = 574.38'$
 $T = 973.45'$
 $L = 1,192.10'$
 $E = 1.54'$
 $e = 6.0\%$
 $T.R. = 56.67'$
 $S.E. RUN = 170'$
 S.A. STA 1706+82.58 TO
 STA 1709+09.28
 S.R. STA 1719+88.04 TO
 STA 1722+14.74
 P.C. STA = 1708+52.61
 $N: 1,838,734.1497$
 $E: 1,188,779.4206$
 P.T. STA = 1720+44.71
 $N: 1,839,294.6292$
 $E: 1,187,964.1212$
 DS = 40 MPH

EXIST. CURVE EX_RAMP_O-2
 PI STA. = 722+80.13
 $\Delta = 6^\circ 33' 23''$ (RT)
 $D = 8^\circ 11' 06''$
 $R = 700.00'$
 $T = 40.09'$
 $L = 80.10'$
 $E = 1.15'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA. = 722+40.03
 P.T. STA. = 723+20.13
 DS = 35 MPH

EXIST. CURVE EX_RAMP_O-3
 PI STA. = 723+80.50
 $\Delta = 15^\circ 37' 33''$ (RT)
 $D = 13^\circ 01' 18''$
 $R = 440.00'$
 $T = 60.37'$
 $L = 120.00'$
 $E = 4.12'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA. = 723+20.13
 P.T. STA. = 724+40.13
 DS = 35 MPH

PROP. CURVE PR_RAMP_O-3
 PI STA. = 1723+70.03
 $N: 1,839,157.3941$
 $E: 1,187,669.1616$
 $\Delta = 21^\circ 19' 54''$ (RT)
 $D = 10^\circ 48' 38''$
 $R = 530.10'$
 $T = 99.82'$
 $L = 197.32'$
 $E = 9.32'$
 $e = 6.0\%$
 $T.R. = N/A$
 $S.E. RUN = 110.47' \text{ AND } 110'$
 S.A. STA 1722+14.74 TO
 STA 1723+25.21 PLANE KEEPS
 ROTATING FROM PREVIOUS CURVE
 S.R. STA 1724+12.53 TO
 STA 1725+22.53
 P.C. STA = 1722+70.21
 $N: 1,839,199.5013$
 $E: 1,187,759.6625$
 P.T. STA = 1724+67.53
 $N: 1,839,151.0928$
 $E: 1,187,569.5436$
 DS = 40 MPH

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FILE NAME =	USER NAME = default	DESIGNED - JG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT, TIES, AND BENCHMARKS			F.A.I. R.T.E. = 94	SECTION = 2012-060-BR	COUNTY = COOK	TOTAL SHEETS = 285	SHEET NO. = 30
*FILE#	PLOT SCALE = *SCALE*	DRAWN - JG	REVISED -		SCALE: 1"=100'	SHEET NO. 4 OF 6 SHEETS	STA. N/A TO STA. N/A	CONTRACT NO. 60V61				
	PLOT DATE = 12/7/2012	CHECKED - OC	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 11/08/2012	REVISED -									

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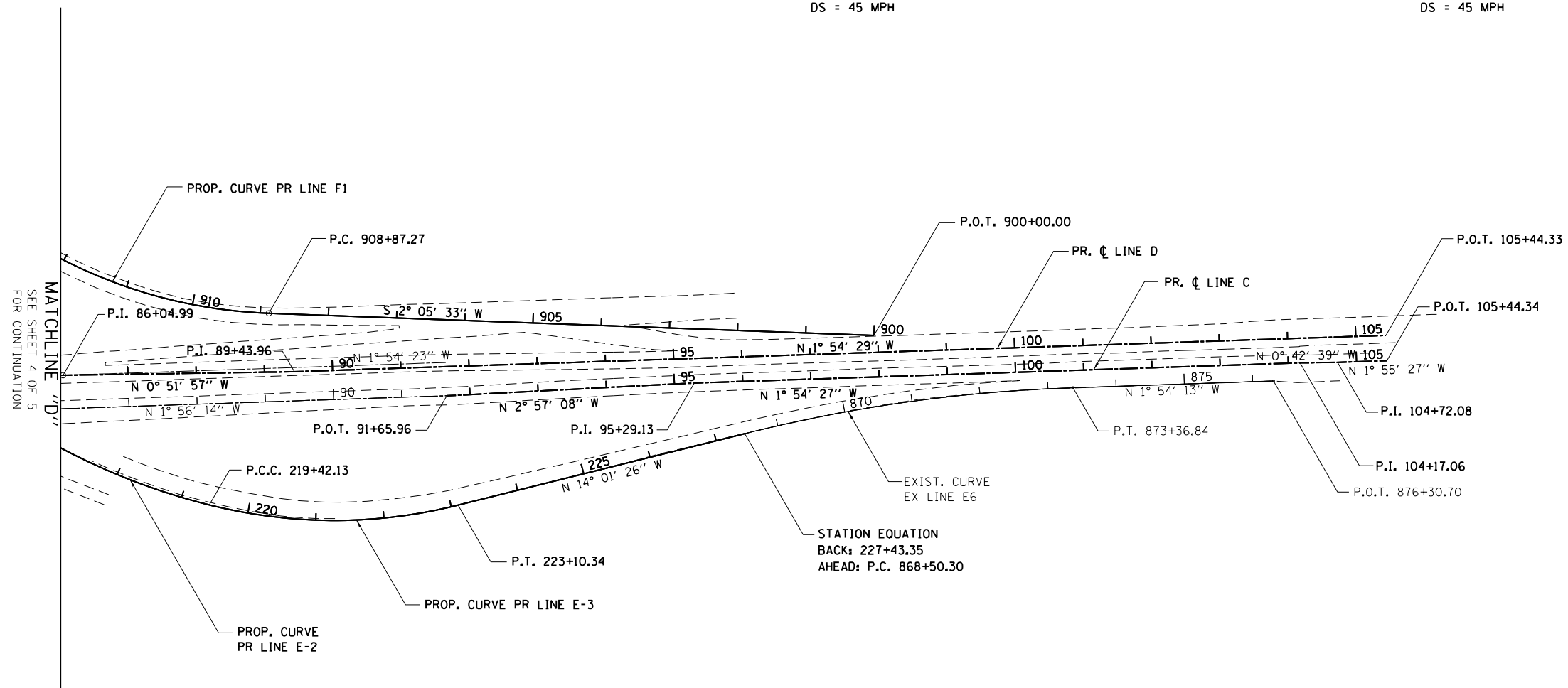
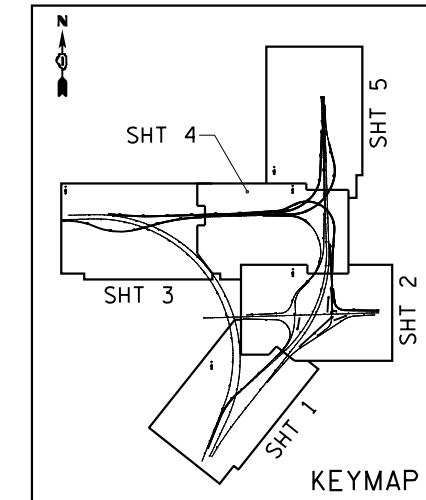
EXIST. CURVE EX.LINE.F4
 PI STA. = 954+43.14
 $\Delta = 46^\circ 08' 46''$ (LT)
 $D = 7^\circ 54' 10''$
 $R = 725.00'$
 $T = 308.84'$
 $L = 583.92'$
 $E = 63.04'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA. = 951+34.30
 P.T. STA. = 957+18.22
 DS = 45 MPH

PROP. CURVE PR.LINE.F1
 PI STA. = 911+65.47
 $N = 1,839,616.7069$
 $E = 1,188,473.2094$
 $\Delta = 42^\circ 11' 54''$ (RT)
 $D = 7^\circ 56' 48''$
 $R = 721.00'$
 $T = 278.20'$
 $L = 531.02'$
 $E = 51.81'$
 $e = 6.0\%$
 $T.R. = N/A$
 $S.E. RUN = 118.05'$
 $S.R. STA 908+28.25 TO$
 $STA 909+46.30$
 $P.C. STA = 908+87.27$
 $N = 1,839,894.7208$
 $E = 1,188,483.3676$
 $P.T. STA = 914+18.29$
 $N = 1,839,417.5709$
 $E = 1,188,278.9425$
 DS = 45 MPH

EXIST. CURVE EX.LINE.E6
 PI STA. = 870+94.48
 $\Delta = 12^\circ 07' 13''$ (RT)
 $D = 2^\circ 29' 28''$
 $R = 2,300.00'$
 $T = 244.18'$
 $L = 486.54'$
 $E = 12.93'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA. = 868+50.30
 P.T. STA. = 873+36.84
 DS = 45 MPH

PROP. CURVE PR.LINE.E-2
 PI STA. = 215+44.60
 $N = 1,839,364.3149$
 $E = 1,188,652.8312$
 $\Delta = 50^\circ 17' 52''$ (LT)
 $D = 5^\circ 53' 10''$
 $R = 973.42'$
 $T = 457.00'$
 $L = 854.53'$
 $E = 101.94'$
 $e = 5.6\%$
 $T.R. = N/A$
 $S.E. RUN = 5.92' \& 11.84'$
 $P.C. STA = 210+87.60$
 $N = 1,839,167.0120$
 $E = 1,188,240.6225$
 $P.T. STA = 219+42.13$
 $N = 1,839,807.4945$
 $E = 1,188,764.3492$
 DS = 45 MPH

PROP. CURVE PR.LINE.E-3
 PI STA. = 221+30.03
 $N = 1,839,989.7147$
 $E = 1,188,810.2016$
 $\Delta = 28^\circ 08' 53''$ (LT)
 $D = 7^\circ 38' 40''$
 $R = 749.50'$
 $T = 187.90'$
 $L = 368.21'$
 $E = 23.19'$
 $e = 6.0\%$
 $T.R. = 59.20'$
 $S.E. RUN = 177.60'$
 $S.R. STA 222+51.14 TO$
 $STA 224+87.94$
 $P.C. STA = 219+42.13$
 $N = 1,839,807.4945$
 $E = 1,188,764.3492$
 $P.T. STA = 223+10.34$
 $N = 1,840,172.0148$
 $E = 2,299,764.6683$
 DS = 45 MPH



NOTES:
 T.R. = TANGENT RUNOUT
 S.E. RUN = SUPERELEVATION RUNOFF
 S.A. (SUPERELEVATION OBTAINED) IS THE SUM OF T.R. AND S.E. RUN
 S.R. (SUPERELEVATION REMOVED) IS THE SUM OF T.R. AND S.E. RUN

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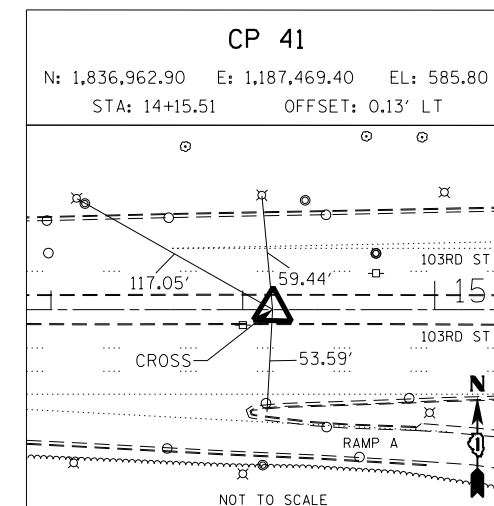
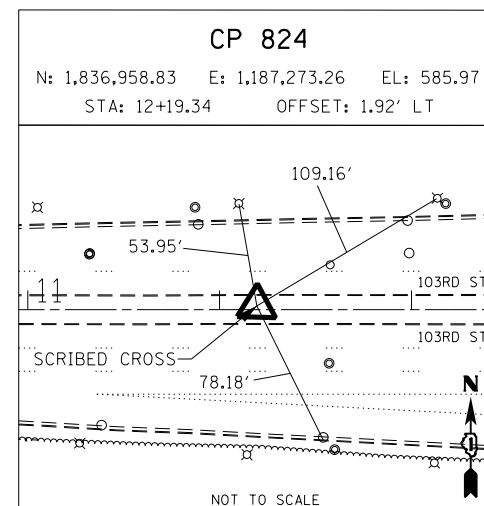
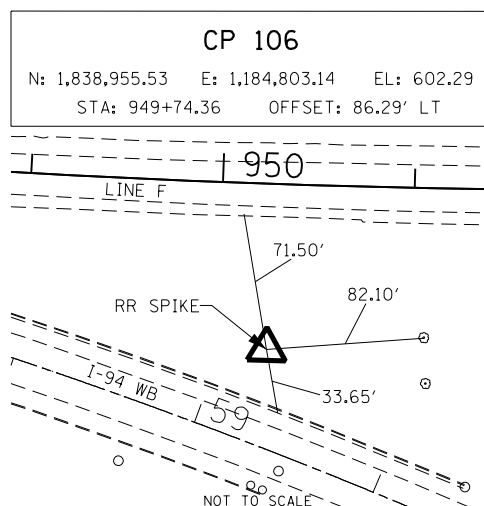
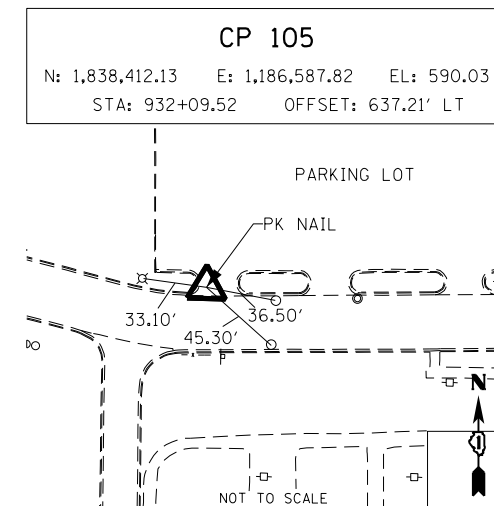
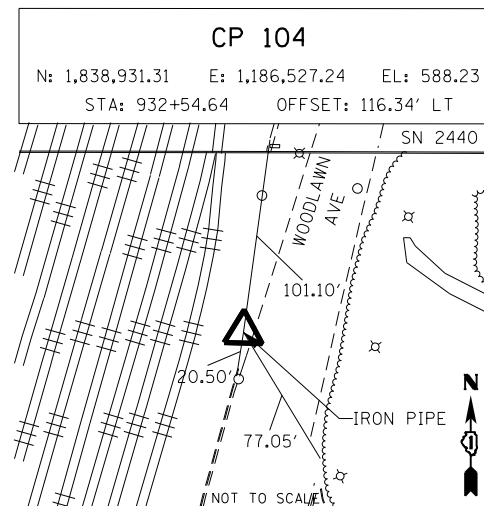
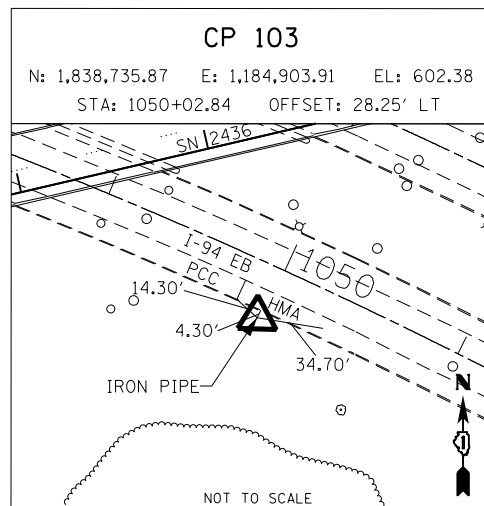
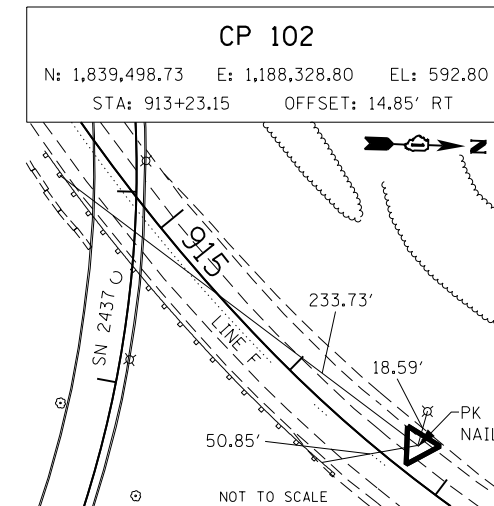
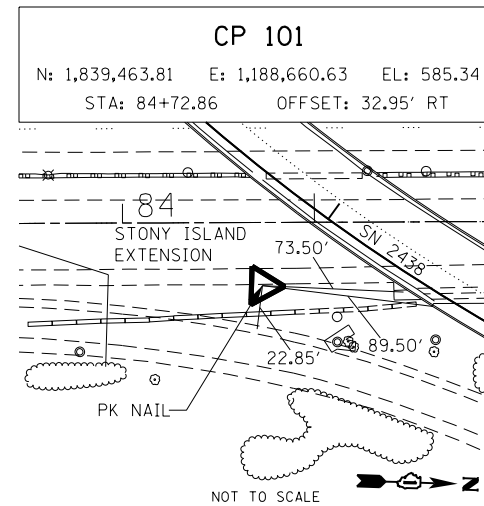
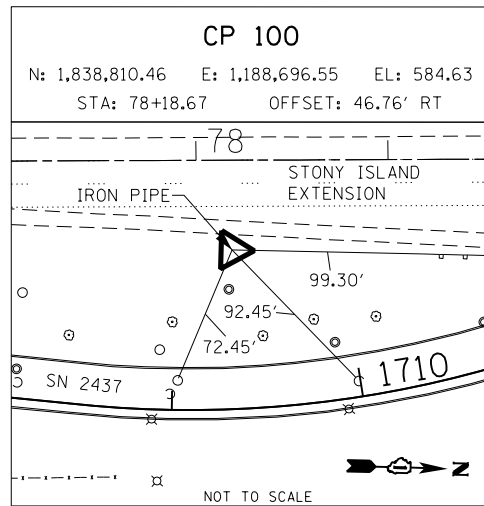
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	PLOT DATE = 12/7/2012	DATE - 11/08/2012	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1"=100' SHEET NO. 5 OF 6 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	31
CONTRACT NO. 60V61				
ILLINOIS FED. AID PROJECT				



NOTE:
 ALL CONTROL POINTS TO BE USED AS BENCHMARKS.

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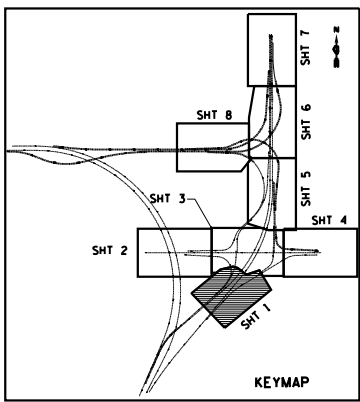
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS

SCALE: N/A SHEET NO. 6 OF 6 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	32
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	

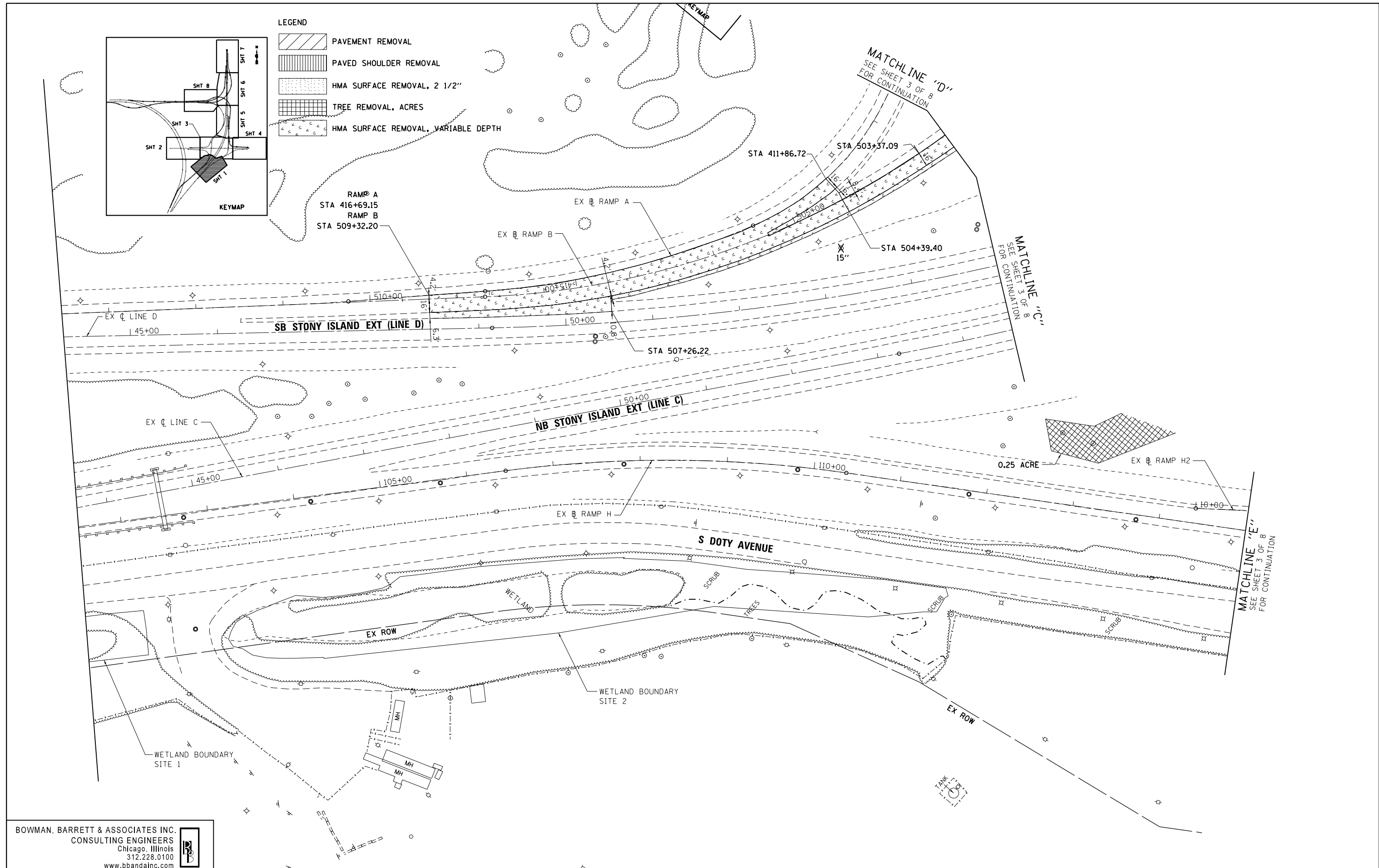
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LEGEND

	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL
	HMA SURFACE REMOVAL, 2 1/2"
	TREE REMOVAL, ACRES
	HMA SURFACE REMOVAL, VARIABLE DEPTH

RAMP A
STA 416+69.15
RAMP B
STA 509+32.20



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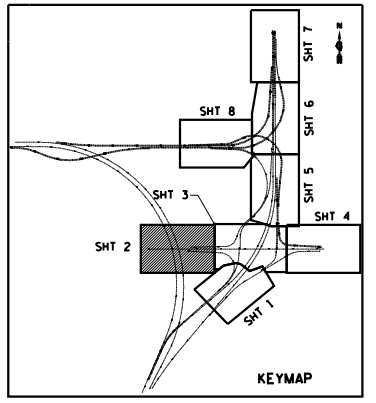
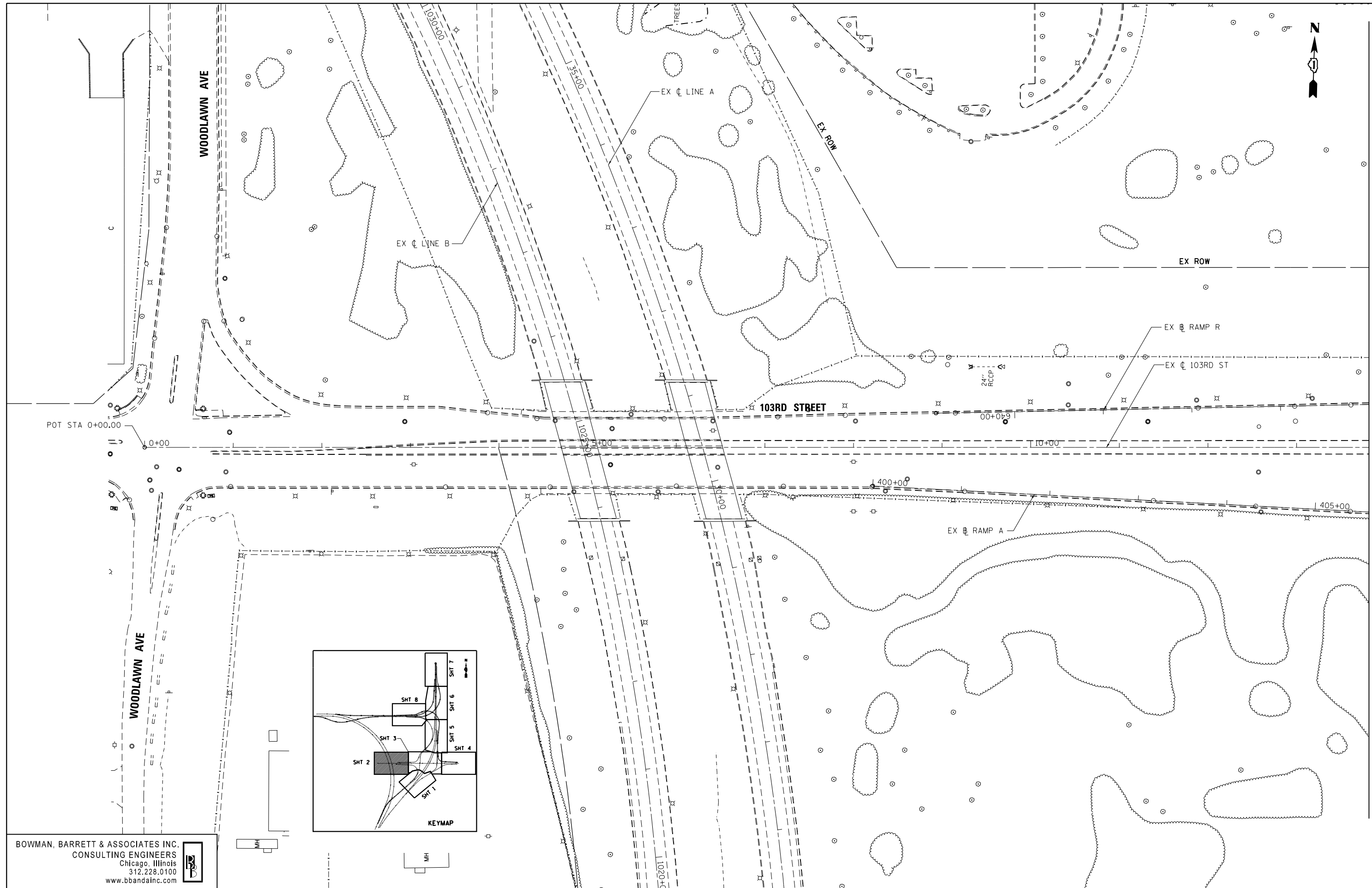
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
STONY ISLAND EXTENSION**

SCALE: 1"=50' SHEET NO. 1 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	33
CONTRACT NO. 60V61				
ILLINOIS FED. AID PROJECT				

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		CHECKED - RGR	REVISED -
		DATE - 11/08/2012	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
 103RD STREET**

SCALE: 1"=50' SHEET NO. 2 OF 8 SHEETS STA. TO STA.

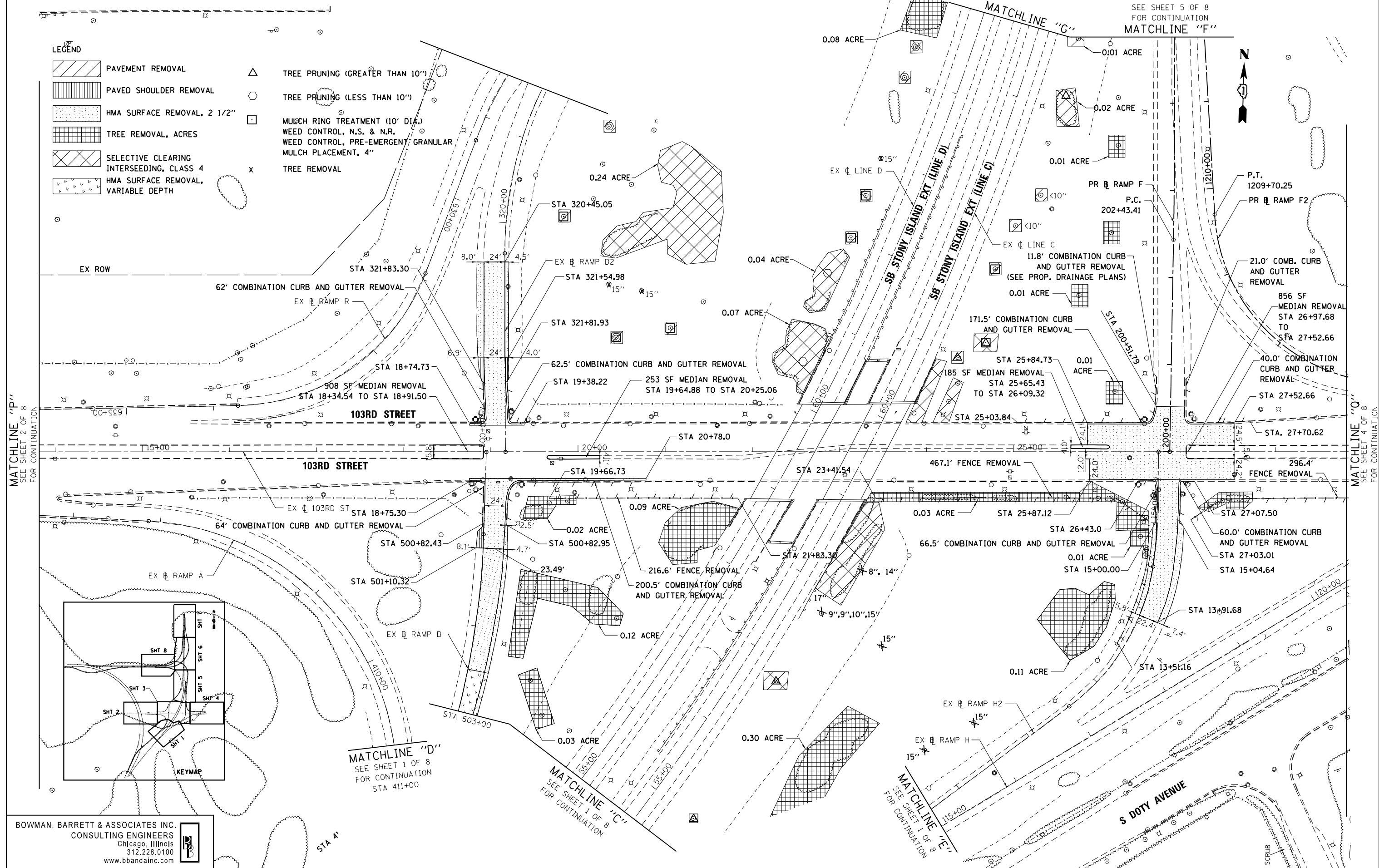
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	34
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	

MATCHLINE "P"
 SEE SHEET 3 OF 8
 FOR CONTINUATION

SV:1072-05_CADD\1060V61_Sheets\1060V61-sh1-r-em-02.dgn

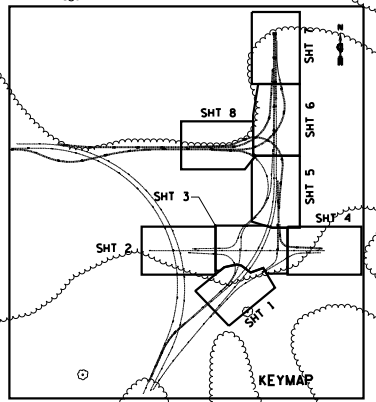
SEE SHEET 5 OF 8
FOR CONTINUATION
MATCHLINE "F"

- LEGEND**
- PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - HMA SURFACE REMOVAL, 2 1/2"
 - TREE REMOVAL, ACRES
 - SELECTIVE CLEARING INTERSEEDING, CLASS 4
 - HMA SURFACE REMOVAL, VARIABLE DEPTH
 - TREE PRUNING (GREATER THAN 10')
 - TREE PRUNING (LESS THAN 10')
 - MULCH RING TREATMENT (10' DIA.)
 - WEED CONTROL, N.S. & N.R.
 - WEED CONTROL, PRE-EMERGENT GRANULAR
 - MULCH PLACEMENT, 4"
 - TREE REMOVAL



MATCHLINE "P"
SEE SHEET 2 OF 8
FOR CONTINUATION

MATCHLINE "O"
SEE SHEET 4 OF 8
FOR CONTINUATION



MATCHLINE "D"
SEE SHEET 1 OF 8
FOR CONTINUATION
STA 411+00

MATCHLINE "C"
SEE SHEET 1 OF 8
FOR CONTINUATION

MATCHLINE "E"
SEE SHEET 1 OF 8
FOR CONTINUATION

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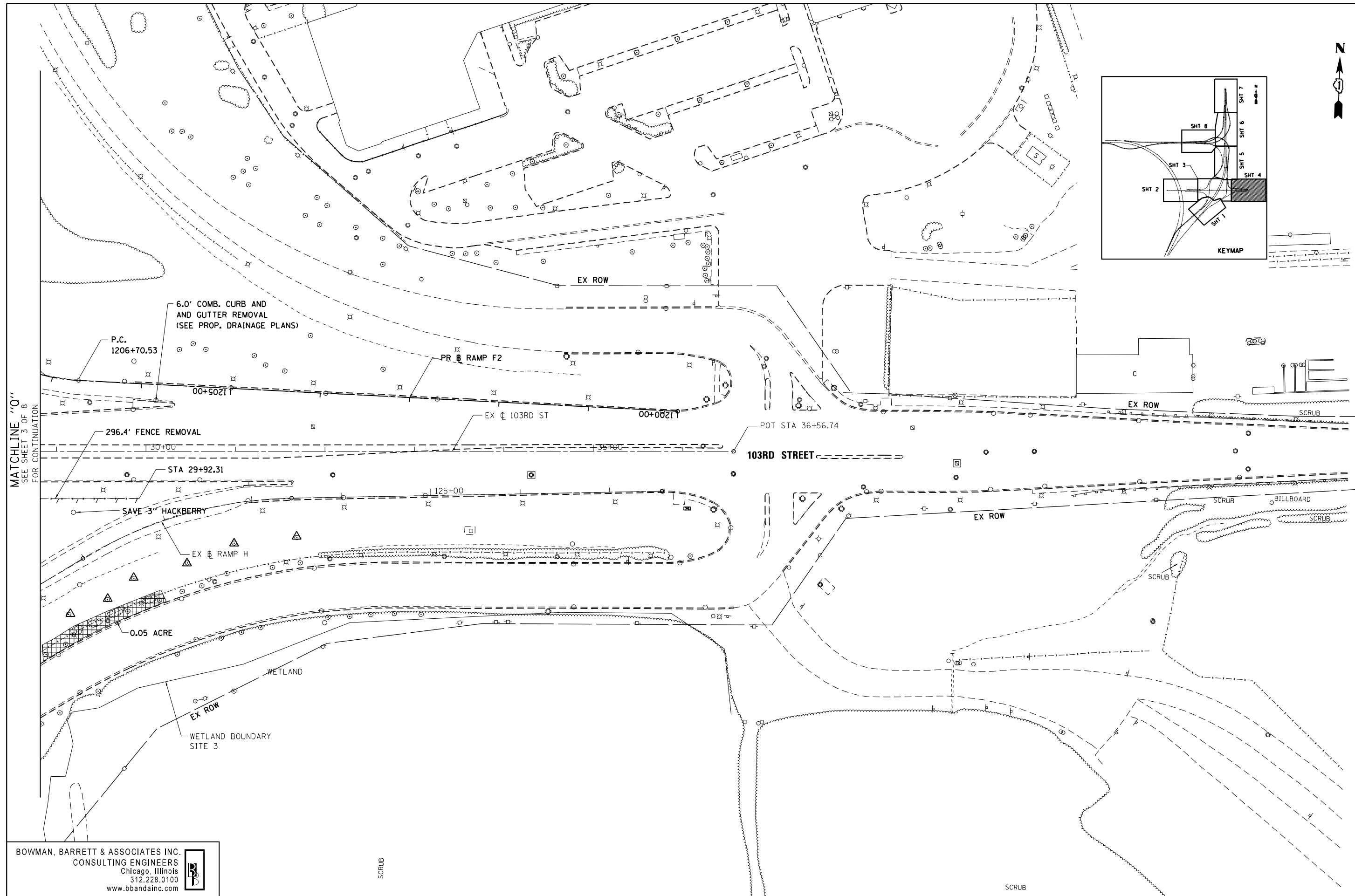
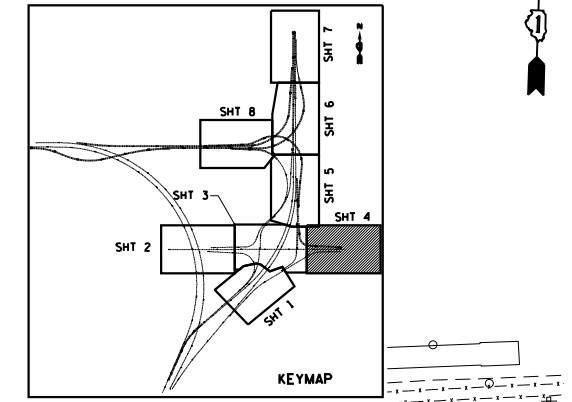
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
103RD STREET**

SCALE: 1"=50' SHEET NO. 3 OF 8 SHEETS STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	35
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	

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MATCHLINE "Q"
SEE SHEET 3 OF 8
FOR CONTINUATION

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FILE NAME =	USER NAME = default	DESIGNED -	PTG	REVISED -	
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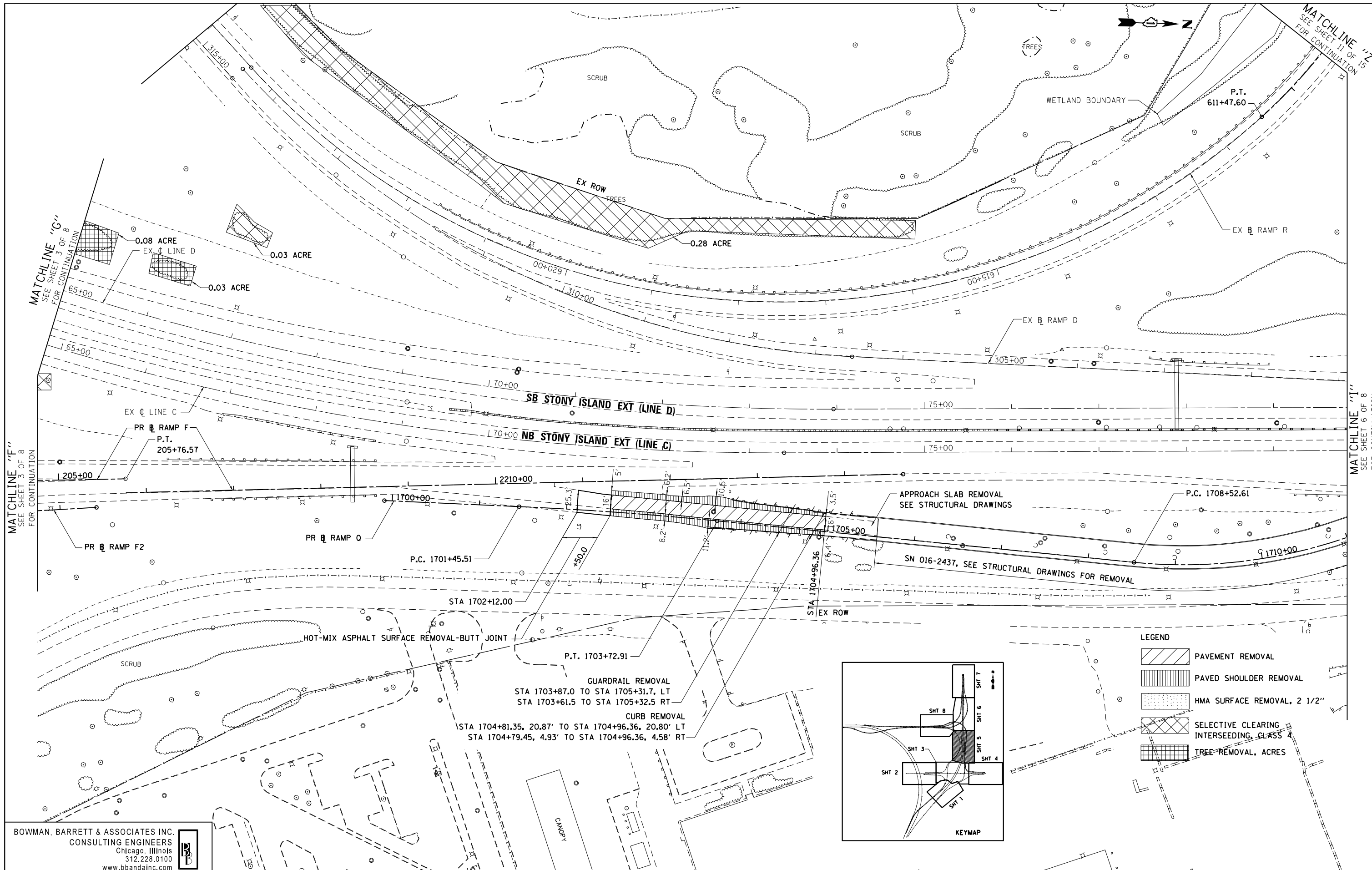
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
103RD STREET**

SCALE: 1"=50' SHEET NO. 4 OF 8 SHEETS STA. TO STA.

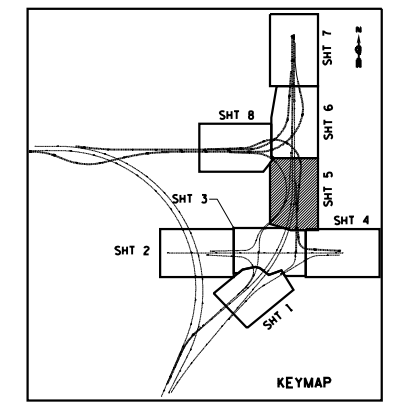
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	36
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	

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LEGEND

	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL
	HMA SURFACE REMOVAL, 2 1/2"
	SELECTIVE CLEARING INTERSEEDING, CLASS 4
	TREE REMOVAL, ACRES



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FILE NAME =	USER NAME = default	DESIGNED -	PTG	REVISED -	
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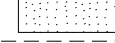
**REMOVAL PLAN
 STONY ISLAND EXTENSION**

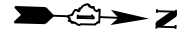
SCALE: 1"=50' SHEET NO. 5 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	37
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	

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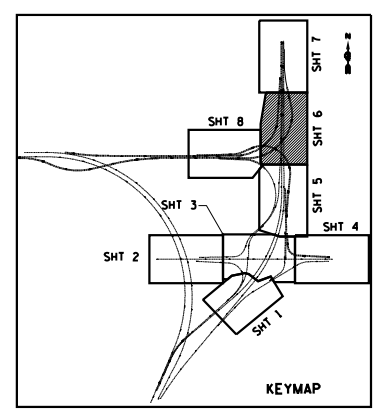
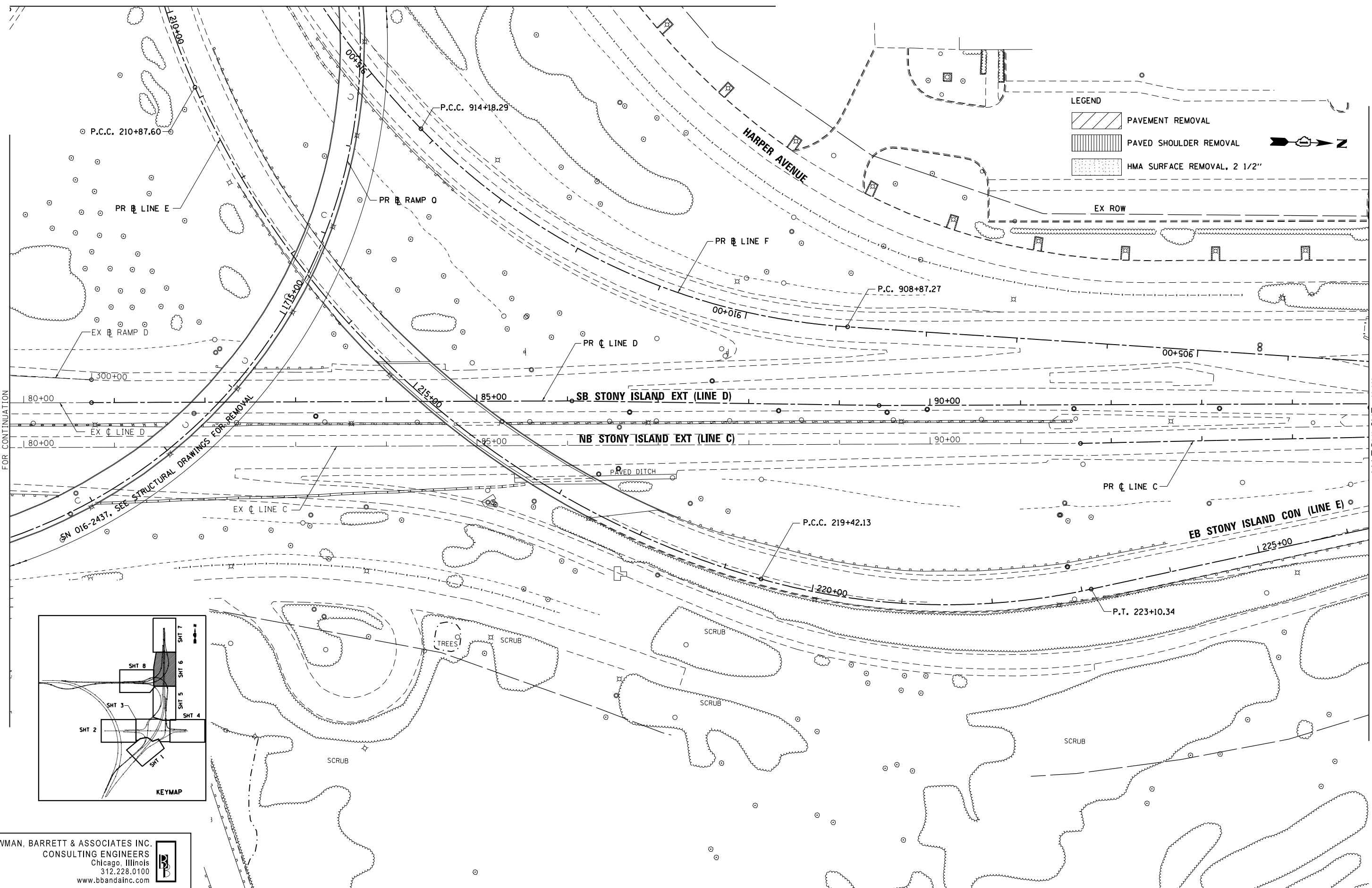
LEGEND

-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  HMA SURFACE REMOVAL, 2 1/2"



MATCHLINE "I" SEE SHEET 5 OF 8 FOR CONTINUATION

MATCHLINE "J" SEE SHEET 7 OF 8 FOR CONTINUATION



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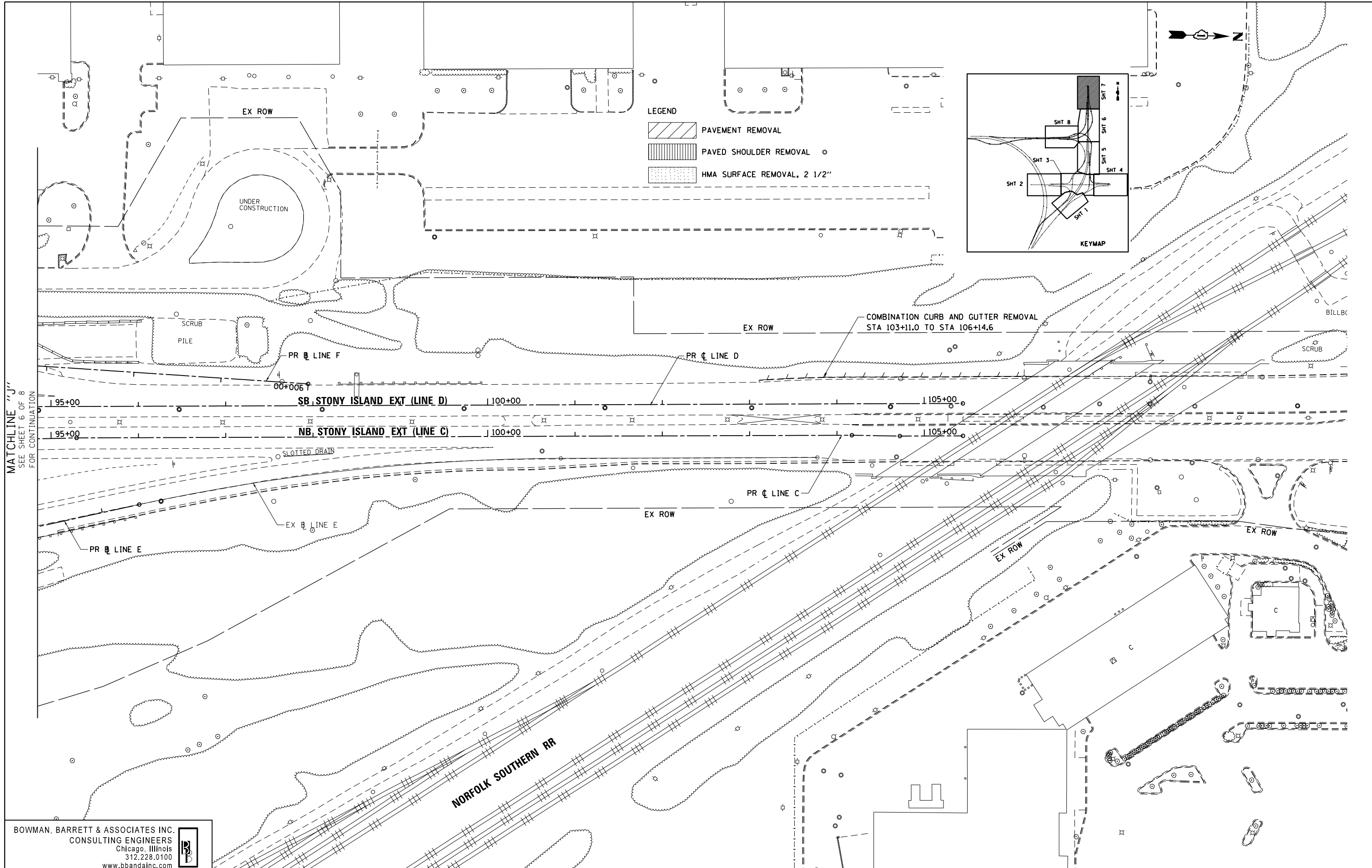
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN
STONY ISLAND EXTENSION

SCALE: 1"=50' SHEET NO. 6 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	38
CONTRACT NO. 60V61				
ILLINOIS FED. AID PROJECT				

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MATCHLINE "J"
SEE SHEET 6 OF 8
FOR CONTINUATION

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FILE NAME = #FILE#	USER NAME = default	DESIGNED - PTG	REVISED -
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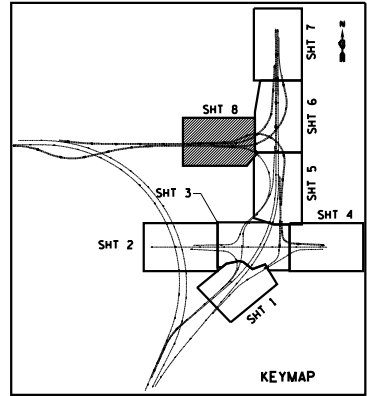
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
STONY ISLAND EXTENSION**

SCALE: 1"=50' SHEET NO. 7 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	39
CONTRACT NO. 60V61				
ILLINOIS FED. AID PROJECT				

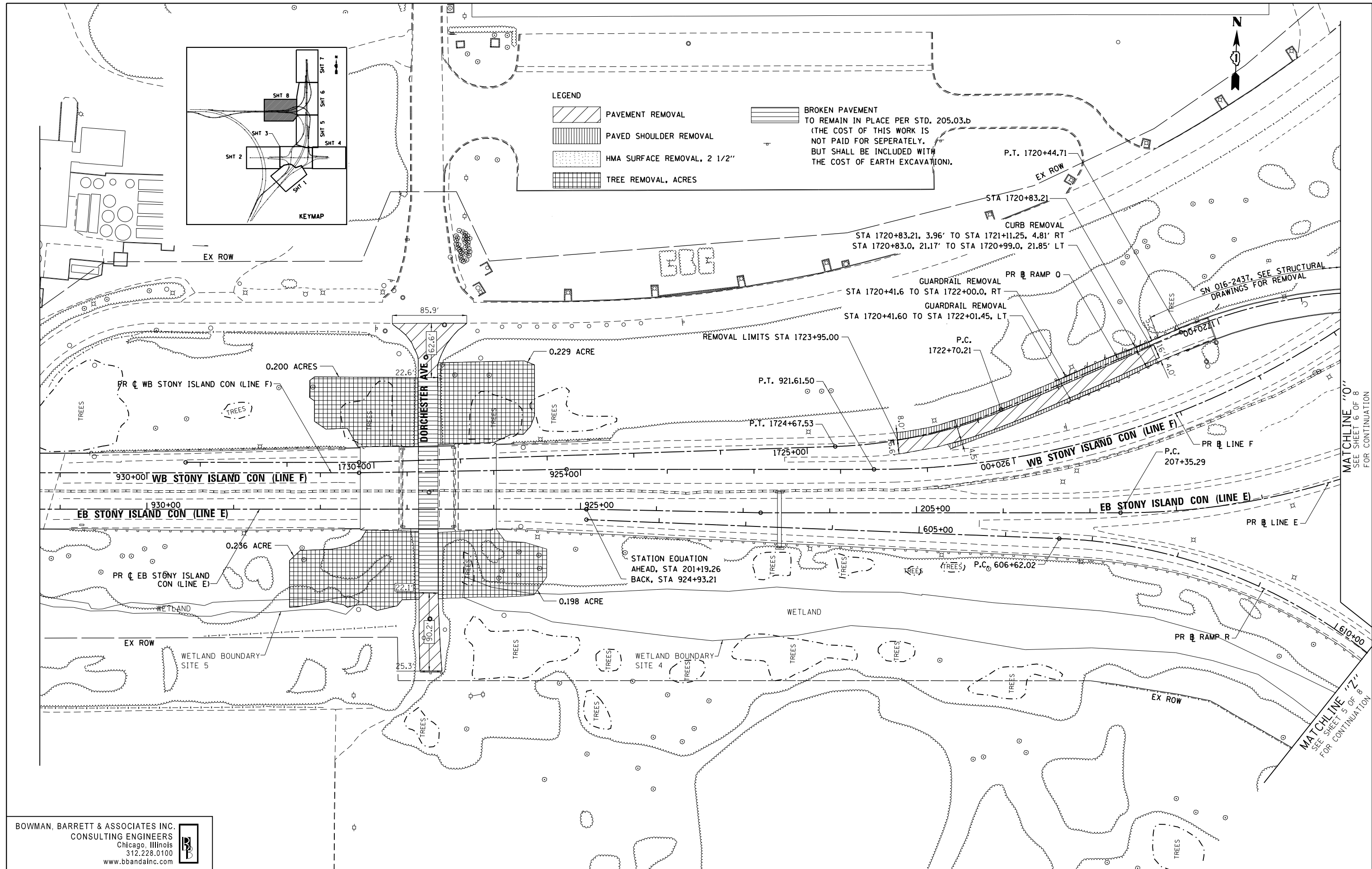
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LEGEND

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- HMA SURFACE REMOVAL, 2 1/2"
- TREE REMOVAL, ACRES

BROKEN PAVEMENT TO REMAIN IN PLACE PER STD. 205.03.b (THE COST OF THIS WORK IS NOT PAID FOR SEPERATELY, BUT SHALL BE INCLUDED WITH THE COST OF EARTH EXCAVATION).



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
STONY ISLAND CONNECTOR**

SCALE: 1"=50' SHEET NO. 8 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	40
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	

MATCHLINE "0"
SEE SHEET 6 OF 8
FOR CONTINUATION

MATCHLINE "Z"
SEE SHEET 5 OF 8
FOR CONTINUATION

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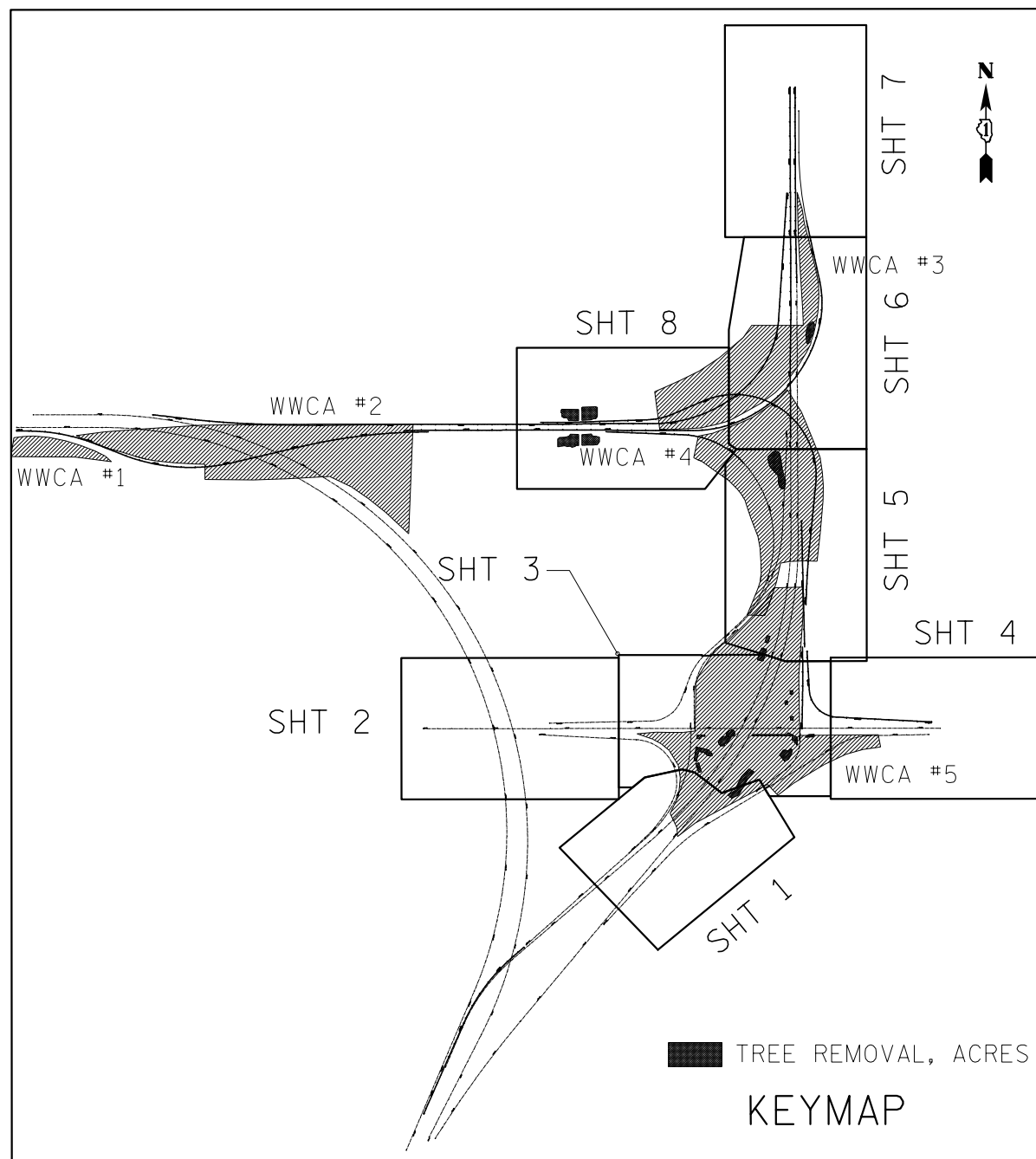
CALENDAR OF FORESTRY MANAGEMENT WORK

Item	2013						
	May	June	July	August	September	October	November
Vegetation Management - Woody Plant							
Tree Pruning							
Selective Clearing							
Weed Control, Basal Treatment							
Tree Removal							

SCHEDULE OF LANDSCAPING MAINTENANCE QUANTITIES

WOODY WEED CONTROL AREA	20101300	20101350	X2010300	20100110	20100210	X0325222	20100500
	TREE PRUNING		TREE REMOVAL			WEED CONTROL, BASAL TREATMENT IN THIS AREA	TREE REMOVAL, ACRES IN THIS AREA
	1 TO 10	OVER 10	UNDER 6	6 TO 15	OVER 15		
WWCA #1	0	0	0	25	18	NO	NO
WWCA #2	20	16	528	375	30	YES	NO
WWCA #3	11	5	282	400	0	YES	YES
WWCA #4	10	20	340	535	0	YES	YES
WWCA #5	8	30	260	735	75	YES	YES
TOTALS	49	71	1410	2070	123		

WOODY WEED CONTROL AREAS



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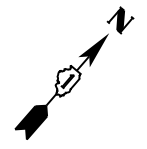
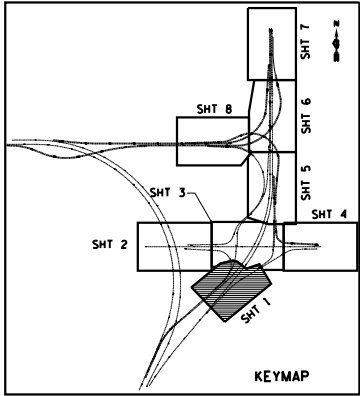
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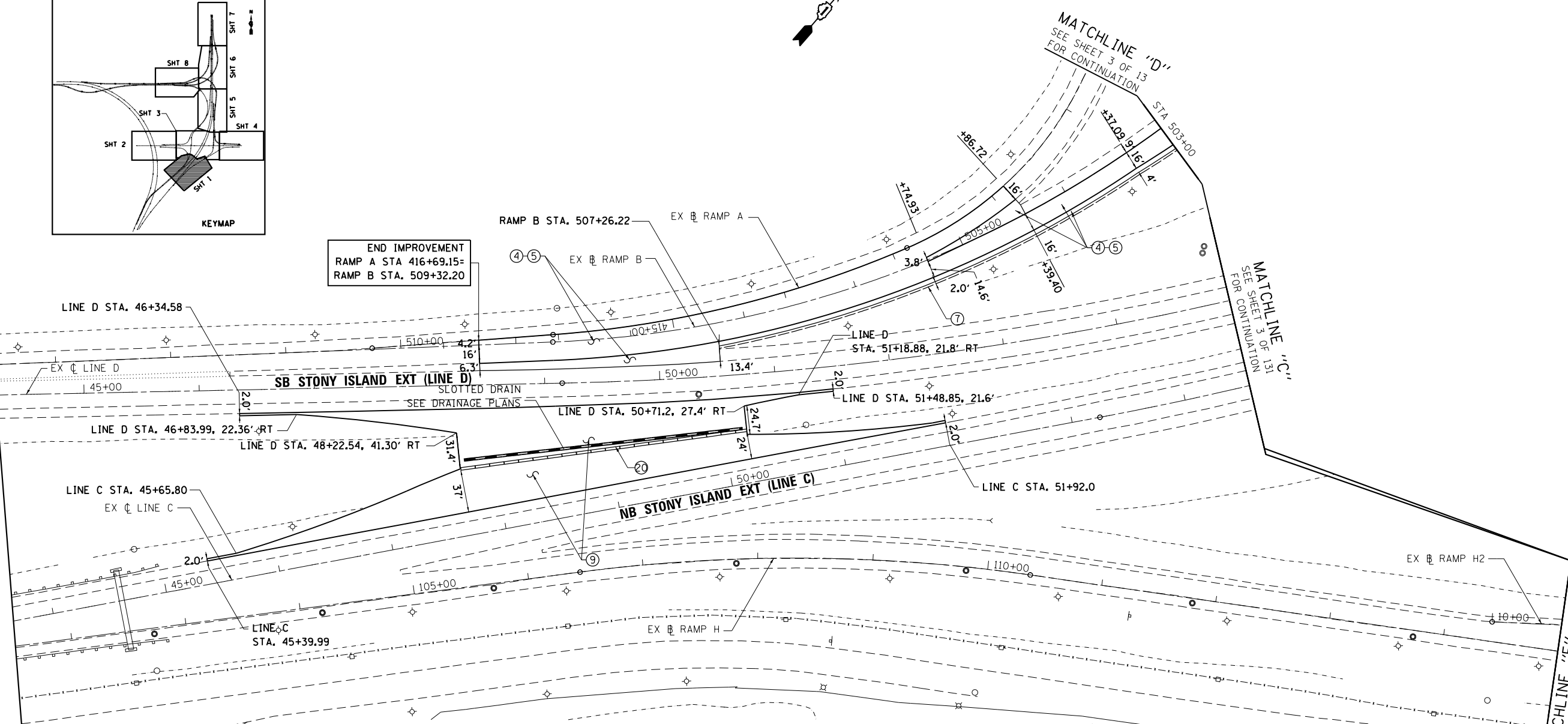
REMOVAL DETAILS

SCALE: 1"=50' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	40A
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	



END IMPROVEMENT
RAMP A STA 416+69.15=
RAMP B STA. 509+32.20



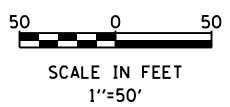
LEGEND

- ① STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"
- ② AGGREGATE BASE COURSE, TYPE B (6")
- ③ HOT-MIX ASPHALT BASE COURSE, 10 1/4"
- ④ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" & VARIES
- ⑤ POLYMERIZED HMA SURFACE COURSE, MIX 'F', N90, 1 3/4"
- ⑥ PCC PAVEMENT, 10 1/4" (JOINTED)
- ⑦ AGGREGATE SHOULDERS, TYPE B 6"
- ⑧ PORTLAND CEMENT CONCRETE SHOULDERS 10 1/4"
- ⑨ TEMPORARY PAVEMENT, (11 1/2")
- HOT-MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 2"
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 9 1/2"
- ⑩ TEMPORARY PAVEMENT, (10")
- HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N70, 2"
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8"
- ⑪ CLASS SI CONCRETE (OUTLET)
- ⑫ CONCRETE CURB, TYPE B
- ⑬ COMBINATION CONCRETE CURB & GUTTER, TY. B-6.18
- ⑭ CONCRETE MEDIAN SURFACE, 4"
- ⑮ CONCRETE MEDIAN, TY. SB
- ⑯ STEEL PLATE BEAM GUARDRAIL, TY. A, 6FT. POSTS
- ⑰ TRAFFIC BARRIER TERMINAL, TY. 2
- ⑱ TRAFFIC BARRIER TERMINAL, TY. 5
- ⑲ TRAFFIC BARRIER TERMINAL, TY. 6
- ⑳ TEMPORARY CONCRETE BARRIER (INSTALL ONLY)
- ㉑ CHAIN LINK FENCE, 4'
- ㉒ TRAFFIC BARRIER TERMINAL, TY. 1 (SPECIAL) TANGENT

WETLAND BOUNDARY
SITE 1

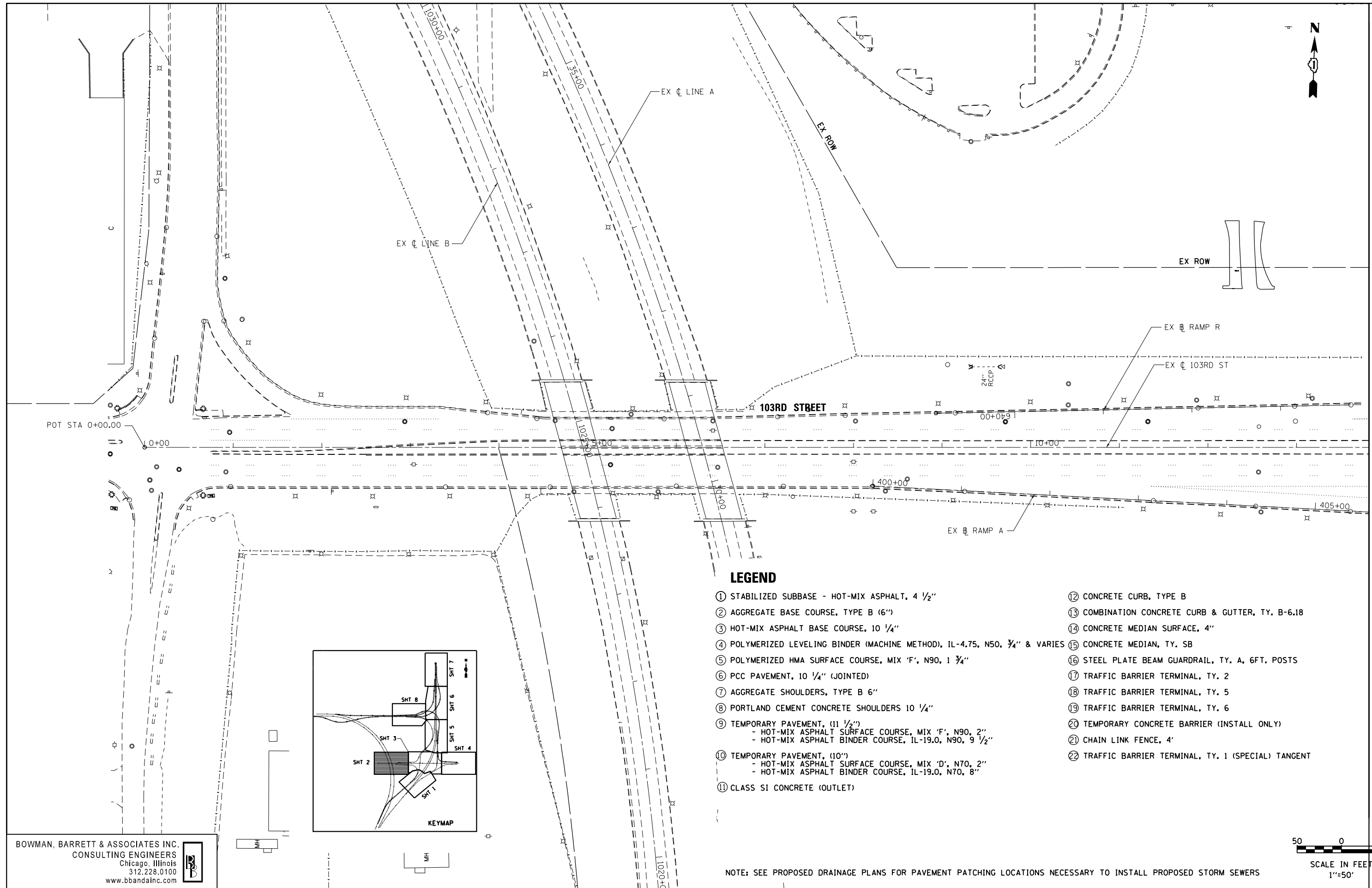
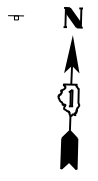
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NOTE: SEE PROPOSED DRAINAGE PLANS FOR PAVEMENT PATCHING LOCATIONS NECESSARY TO INSTALL PROPOSED STORM SEWERS



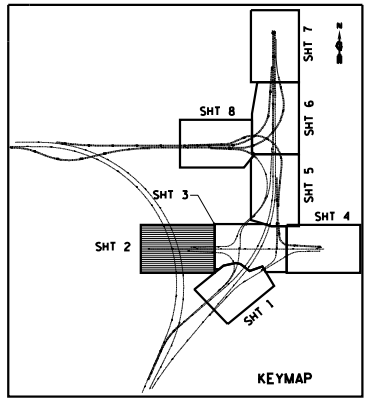
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#FILE#	PLOT SCALE = #SCALE#	DRAWN - JMG	REVISED -		SCALE: 1"=50'	SHEET NO. 1 OF 13 SHEETS	STA. TO STA.	CONTRACT NO. 60V61				
	PLOT DATE = 1/4/2013	CHECKED - RGR	REVISED -					ILLINOIS FED. AID PROJECT				
		DATE - 11/08/2012	REVISED -									

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LEGEND

- ① STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"
- ② AGGREGATE BASE COURSE, TYPE B (6")
- ③ HOT-MIX ASPHALT BASE COURSE, 10 1/4"
- ④ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" & VARIES
- ⑤ POLYMERIZED HMA SURFACE COURSE, MIX 'F', N90, 1 3/4"
- ⑥ PCC PAVEMENT, 10 1/4" (JOINTED)
- ⑦ AGGREGATE SHOULDERS, TYPE B 6"
- ⑧ PORTLAND CEMENT CONCRETE SHOULDERS 10 1/4"
- ⑨ TEMPORARY PAVEMENT, (11 1/2")
 - HOT-MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 2"
 - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 9 1/2"
- ⑩ TEMPORARY PAVEMENT, (10")
 - HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N70, 2"
 - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8"
- ⑪ CLASS SI CONCRETE (OUTLET)
- ⑫ CONCRETE CURB, TYPE B
- ⑬ COMBINATION CONCRETE CURB & GUTTER, TY. B-6.18
- ⑭ CONCRETE MEDIAN SURFACE, 4"
- ⑮ CONCRETE MEDIAN, TY. SB
- ⑯ STEEL PLATE BEAM GUARDRAIL, TY. A, 6FT. POSTS
- ⑰ TRAFFIC BARRIER TERMINAL, TY. 2
- ⑱ TRAFFIC BARRIER TERMINAL, TY. 5
- ⑲ TRAFFIC BARRIER TERMINAL, TY. 6
- ⑳ TEMPORARY CONCRETE BARRIER (INSTALL ONLY)
- ㉑ CHAIN LINK FENCE, 4'
- ㉒ TRAFFIC BARRIER TERMINAL, TY. 1 (SPECIAL) TANGENT



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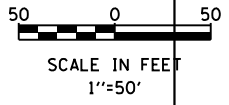
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		DATE - 11/08/2012	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN
 103RD STREET**

SCALE: 1"=50' SHEET NO. 2 OF 13 SHEETS STA. TO STA.

F.A.I. RTE. 94	SECTION 2012-060-BR	COUNTY COOK	TOTAL SHEETS 285	SHEET NO. 42
CONTRACT NO. 60V61				
ILLINOIS FED. AID PROJECT				



NOTE: SEE PROPOSED DRAINAGE PLANS FOR PAVEMENT PATCHING LOCATIONS NECESSARY TO INSTALL PROPOSED STORM SEWERS

MATCHLINE "P"
 SEE SHEET 3 OF 13
 FOR CONTINUATION

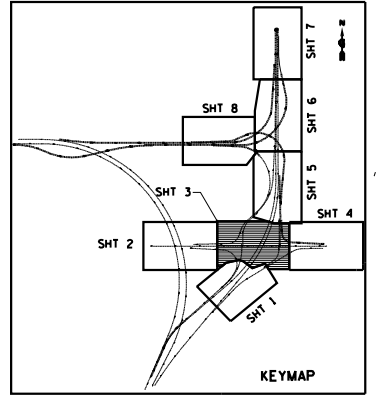
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SEE SHEET 5 OF 13
FOR CONTINUATION
MATCHLINE "F"



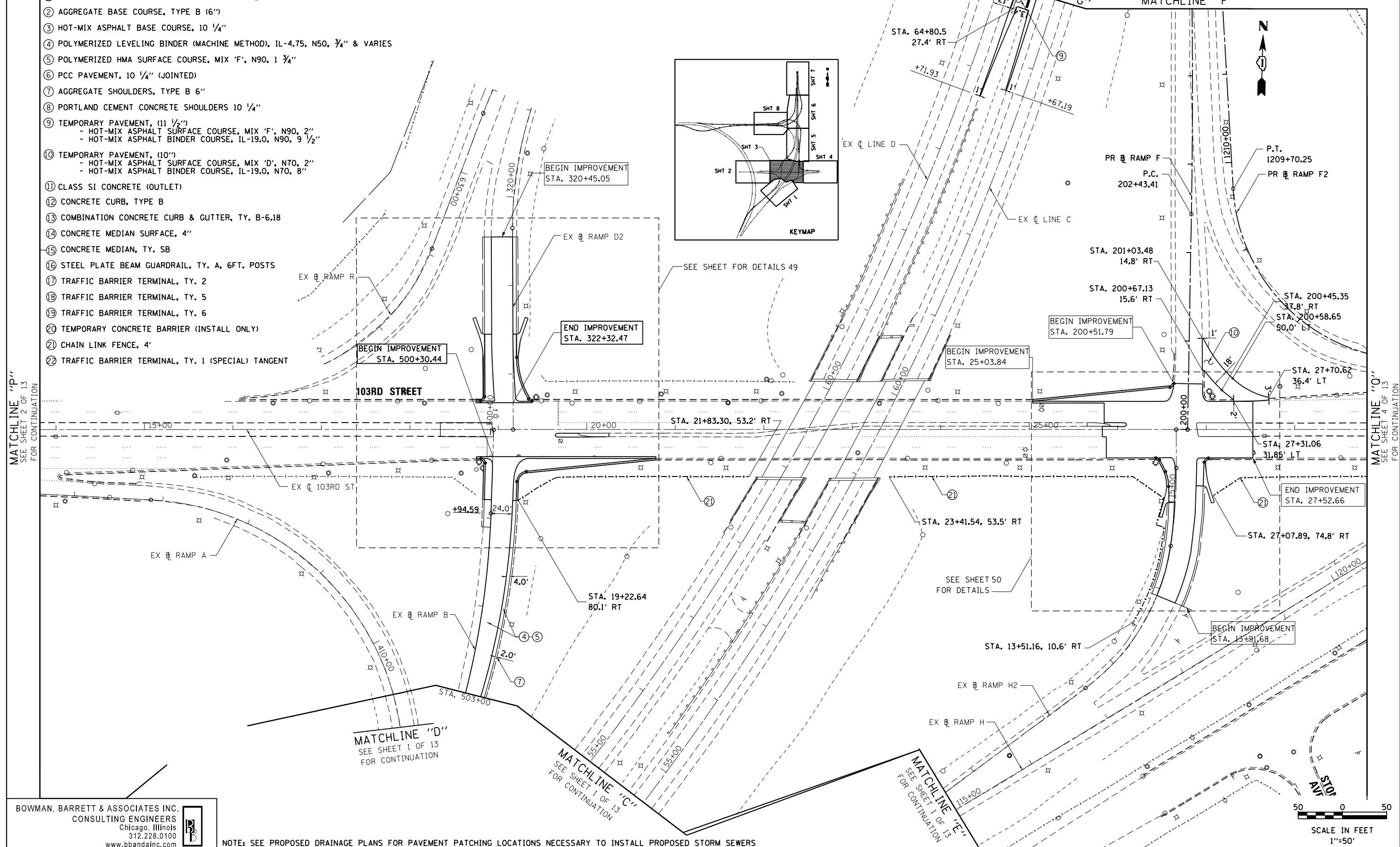
LEGEND

- ① STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"
- ② AGGREGATE BASE COURSE, TYPE B (6")
- ③ HOT-MIX ASPHALT BASE COURSE, 10 1/4"
- ④ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" & VARIES
- ⑤ POLYMERIZED HMA SURFACE COURSE, MIX 'F', N90, 1 3/4"
- ⑥ PCC PAVEMENT, 10 1/4" (JOINTED)
- ⑦ AGGREGATE SHOULDERS, TYPE B 6"
- ⑧ PORTLAND CEMENT CONCRETE SHOULDERS 10 1/4"
- ⑨ TEMPORARY PAVEMENT, (11 1/2")
- HOT-MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 2"
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 9 1/2"
- ⑩ TEMPORARY PAVEMENT, (10")
- HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N70, 2"
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8"
- ⑪ CLASS SI CONCRETE (OUTLET)
- ⑫ CONCRETE CURB, TYPE B
- ⑬ COMBINATION CONCRETE CURB & GUTTER, TY. B-6.18
- ⑭ CONCRETE MEDIAN SURFACE, 4"
- ⑮ CONCRETE MEDIAN, TY. SB
- ⑯ STEEL PLATE BEAM GUARDRAIL, TY. A, 6FT. POSTS
- ⑰ TRAFFIC BARRIER TERMINAL, TY. 2
- ⑱ TRAFFIC BARRIER TERMINAL, TY. 5
- ⑲ TRAFFIC BARRIER TERMINAL, TY. 6
- ⑳ TEMPORARY CONCRETE BARRIER (INSTALL ONLY)
- ㉑ CHAIN LINK FENCE, 4'
- ㉒ TRAFFIC BARRIER TERMINAL, TY. 1 (SPECIAL) TANGENT



MATCHLINE "P"
SEE SHEET 2 OF 13
FOR CONTINUATION

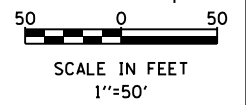
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FOR CONTINUATION



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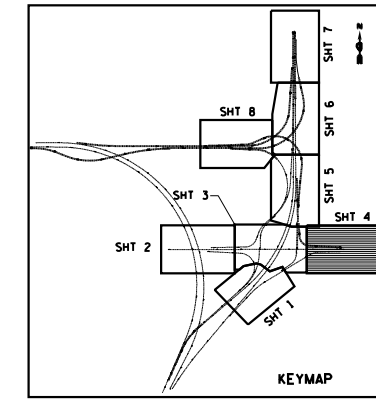
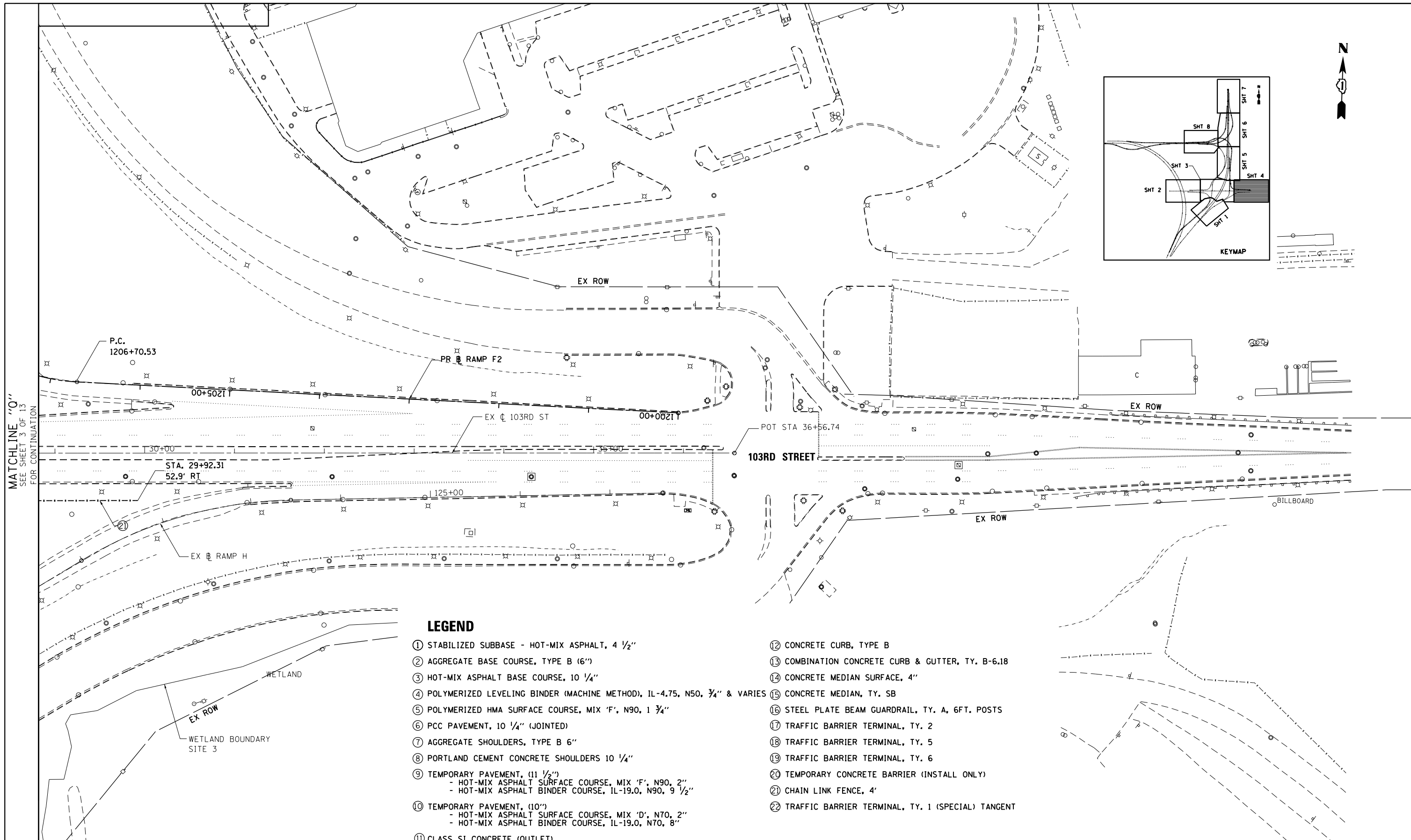


NOTE: SEE PROPOSED DRAINAGE PLANS FOR PAVEMENT PATCHING LOCATIONS NECESSARY TO INSTALL PROPOSED STORM SEWERS



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	PLOT DATE = 1/4/2013	CHECKED - RGR	REVISED -			ILLINOIS FED. AID PROJECT				
		DATE - 11/08/2012	REVISED -							

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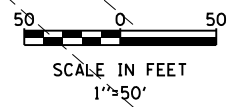
MATCHLINE "Q"
SEE SHEET 3 OF 13
FOR CONTINUATION

LEGEND

- | | |
|--|---|
| ① STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2" | ⑫ CONCRETE CURB, TYPE B |
| ② AGGREGATE BASE COURSE, TYPE B (6") | ⑬ COMBINATION CONCRETE CURB & GUTTER, TY. B-6.18 |
| ③ HOT-MIX ASPHALT BASE COURSE, 10 1/4" | ⑭ CONCRETE MEDIAN SURFACE, 4" |
| ④ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" & VARIES | ⑮ CONCRETE MEDIAN, TY. SB |
| ⑤ POLYMERIZED HMA SURFACE COURSE, MIX 'F', N90, 1 3/4" | ⑯ STEEL PLATE BEAM GUARDRAIL, TY. A, 6FT. POSTS |
| ⑥ PCC PAVEMENT, 10 1/4" (JOINTED) | ⑰ TRAFFIC BARRIER TERMINAL, TY. 2 |
| ⑦ AGGREGATE SHOULDERS, TYPE B 6" | ⑱ TRAFFIC BARRIER TERMINAL, TY. 5 |
| ⑧ PORTLAND CEMENT CONCRETE SHOULDERS 10 1/4" | ⑲ TRAFFIC BARRIER TERMINAL, TY. 6 |
| ⑨ TEMPORARY PAVEMENT, (11 1/2")
- HOT-MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 2"
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 9 1/2" | ⑳ TEMPORARY CONCRETE BARRIER (INSTALL ONLY) |
| ⑩ TEMPORARY PAVEMENT, (10")
- HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N70, 2"
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8" | ㉑ CHAIN LINK FENCE, 4" |
| ⑪ CLASS S1 CONCRETE (OUTLET) | ㉒ TRAFFIC BARRIER TERMINAL, TY. 1 (SPECIAL) TANGENT |

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NOTE: SEE PROPOSED DRAINAGE PLANS FOR PAVEMENT PATCHING LOCATIONS NECESSARY TO INSTALL PROPOSED STORM SEWERS

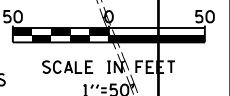
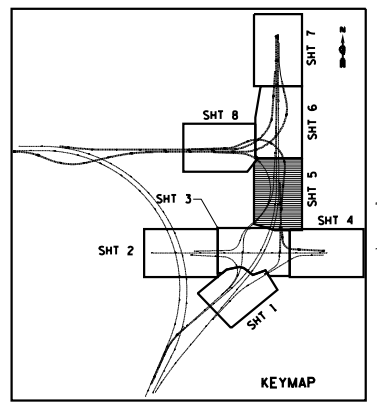
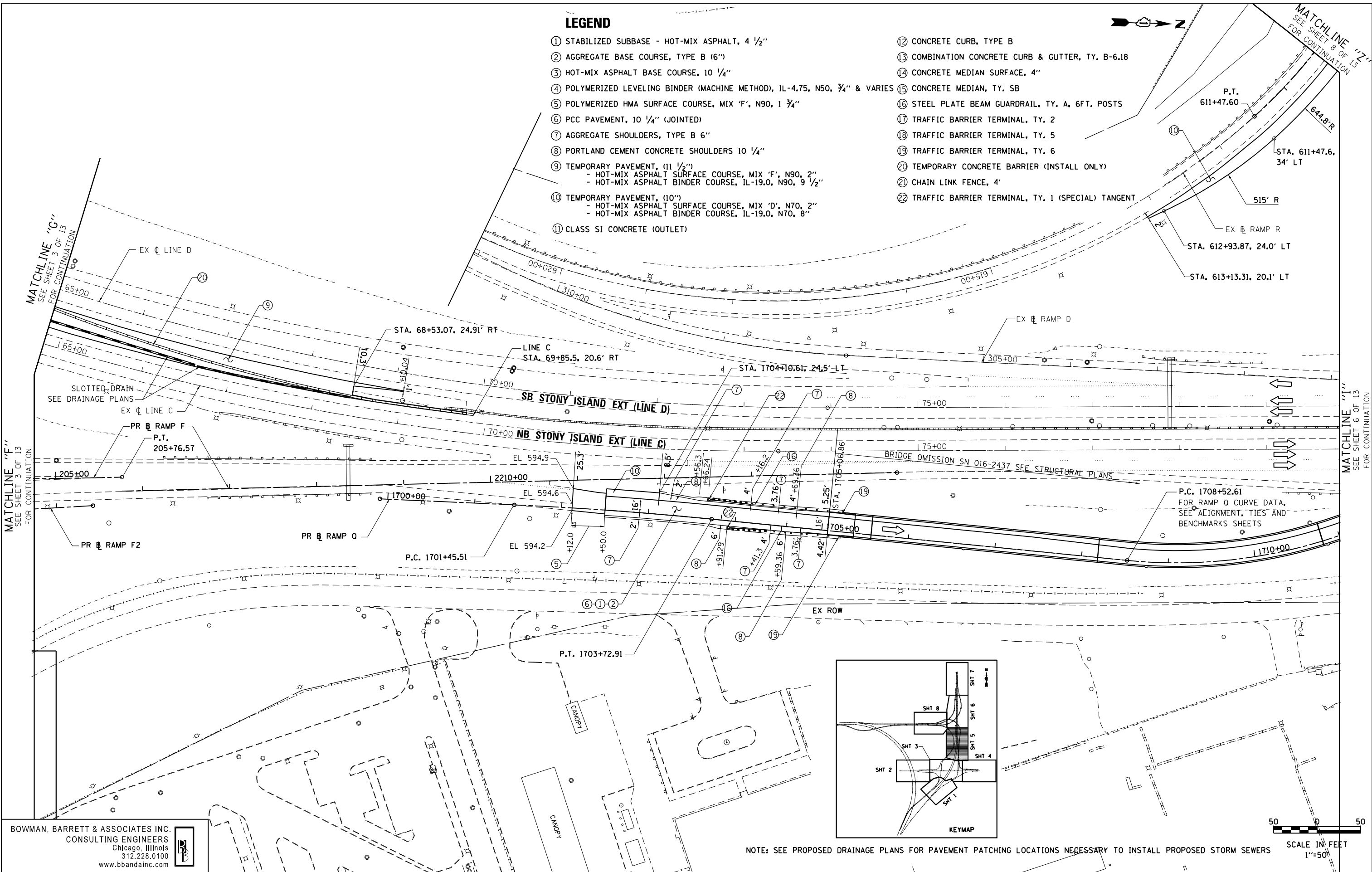


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	PLOT DATE = 1/4/2013	CHECKED - RGR	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 11/08/2012	REVISED -									

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LEGEND

- ① STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"
- ② AGGREGATE BASE COURSE, TYPE B (6")
- ③ HOT-MIX ASPHALT BASE COURSE, 10 1/4"
- ④ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" & VARIES
- ⑤ POLYMERIZED HMA SURFACE COURSE, MIX 'F', N90, 1 3/4"
- ⑥ PCC PAVEMENT, 10 1/4" (JOINTED)
- ⑦ AGGREGATE SHOULDERS, TYPE B 6"
- ⑧ PORTLAND CEMENT CONCRETE SHOULDERS 10 1/4"
- ⑨ TEMPORARY PAVEMENT, (11 1/2")
- HOT-MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 2"
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 9 1/2"
- ⑩ TEMPORARY PAVEMENT, (10")
- HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N70, 2"
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8"
- ⑪ CLASS SI CONCRETE (OUTLET)
- ⑫ CONCRETE CURB, TYPE B
- ⑬ COMBINATION CONCRETE CURB & GUTTER, TY. B-6.18
- ⑭ CONCRETE MEDIAN SURFACE, 4"
- ⑮ CONCRETE MEDIAN, TY. SB
- ⑯ STEEL PLATE BEAM GUARDRAIL, TY. A, 6FT. POSTS
- ⑰ TRAFFIC BARRIER TERMINAL, TY. 2
- ⑱ TRAFFIC BARRIER TERMINAL, TY. 5
- ⑲ TRAFFIC BARRIER TERMINAL, TY. 6
- ⑳ TEMPORARY CONCRETE BARRIER (INSTALL ONLY)
- ㉑ CHAIN LINK FENCE, 4'
- ㉒ TRAFFIC BARRIER TERMINAL, TY. 1 (SPECIAL) TANGENT



NOTE: SEE PROPOSED DRAINAGE PLANS FOR PAVEMENT PATCHING LOCATIONS NECESSARY TO INSTALL PROPOSED STORM SEWERS

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FILE NAME =	USER NAME = default	DESIGNED -	REVISED -
*FILE#		DRAWN - JMG	REVISED -
		CHECKED - RGR	REVISED -
		DATE - 11/08/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN
STONY ISLAND EXTENSION**

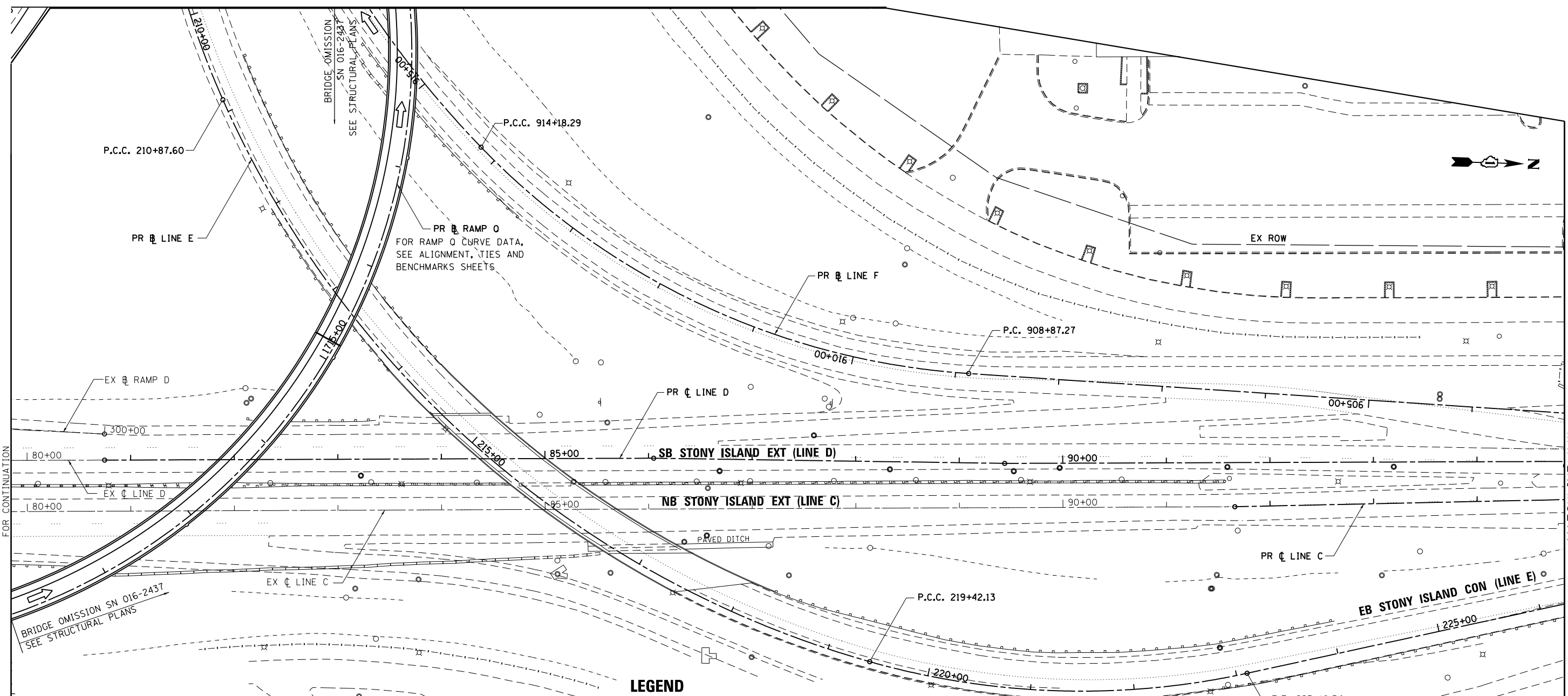
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	45
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	

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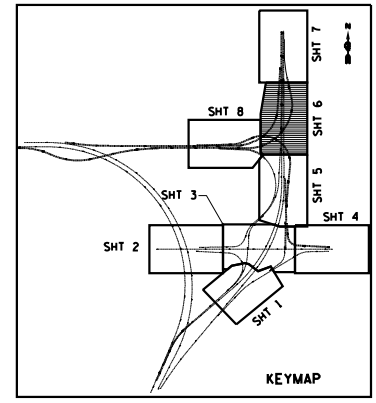
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MATCHLINE "J" SEE SHEET 7 OF 13 FOR CONTINUATION



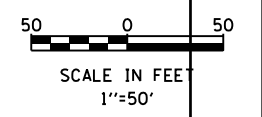
LEGEND

- ① STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"
- ② AGGREGATE BASE COURSE, TYPE B (6")
- ③ HOT-MIX ASPHALT BASE COURSE, 10 1/4"
- ④ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" & VARIES
- ⑤ POLYMERIZED HMA SURFACE COURSE, MIX 'F', N90, 1 3/4"
- ⑥ PCC PAVEMENT, 10 1/4" (JOINTED)
- ⑦ AGGREGATE SHOULDERS, TYPE B 6"
- ⑧ PORTLAND CEMENT CONCRETE SHOULDERS 10 1/4"
- ⑨ TEMPORARY PAVEMENT, (11 1/2")
 - HOT-MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 2"
 - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 9 1/2"
- ⑩ TEMPORARY PAVEMENT, (10")
 - HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N70, 2"
 - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8"
- ⑪ CLASS SI CONCRETE (OUTLET)
- ⑫ CONCRETE CURB, TYPE B
- ⑬ COMBINATION CONCRETE CURB & GUTTER, TY. B-6.18
- ⑭ CONCRETE MEDIAN SURFACE, 4"
- ⑮ CONCRETE MEDIAN, TY. SB
- ⑯ STEEL PLATE BEAM GUARDRAIL, TY. A, 6FT. POSTS
- ⑰ TRAFFIC BARRIER TERMINAL, TY. 2
- ⑱ TRAFFIC BARRIER TERMINAL, TY. 5
- ⑲ TRAFFIC BARRIER TERMINAL, TY. 6
- ⑳ TEMPORARY CONCRETE BARRIER (INSTALL ONLY)
- ㉑ CHAIN LINK FENCE, 4'
- ㉒ TRAFFIC BARRIER TERMINAL, TY. 1 (SPECIAL) TANGENT



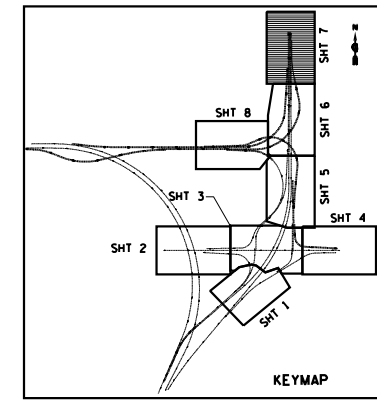
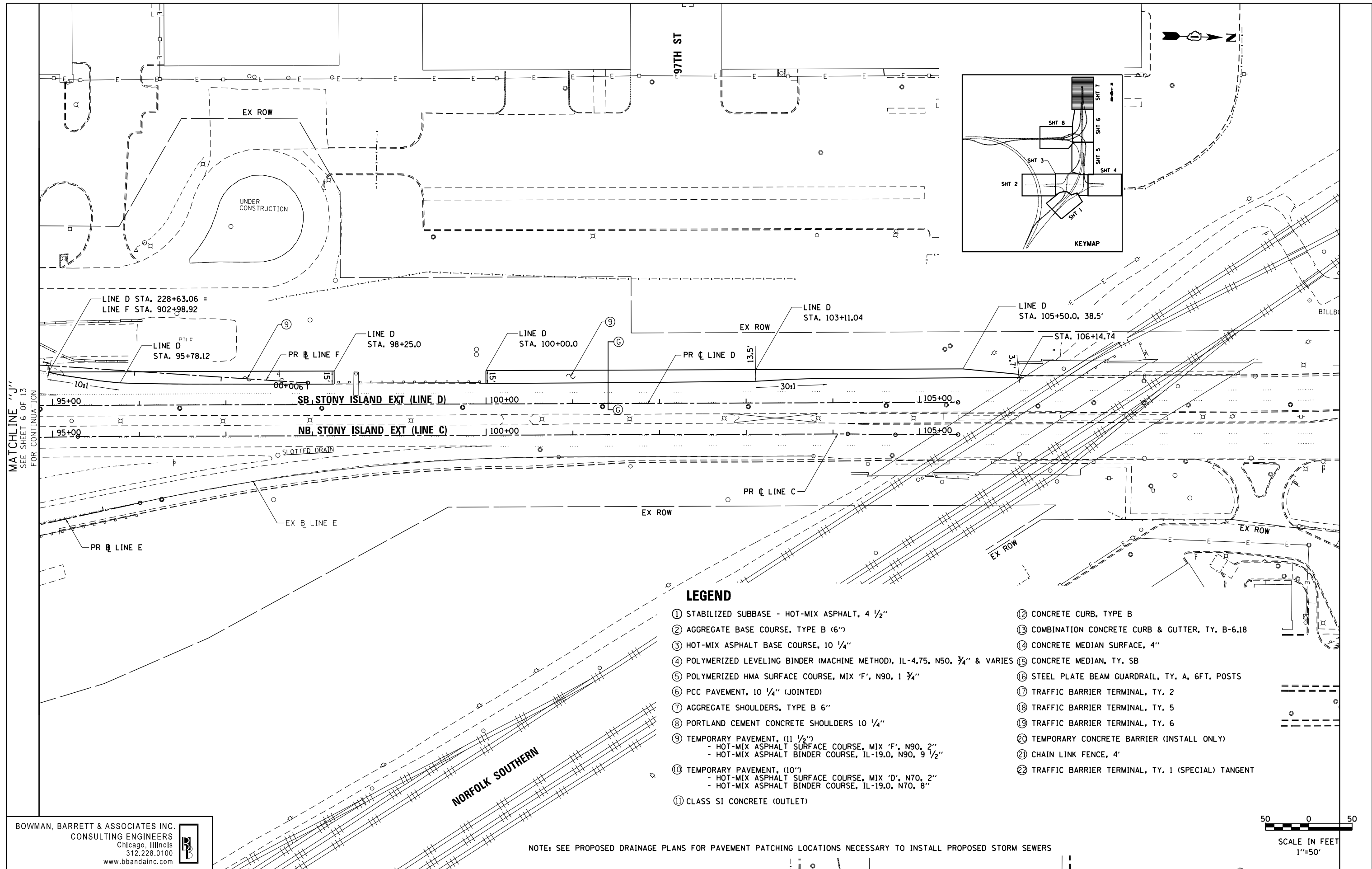
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NOTE: SEE PROPOSED DRAINAGE PLANS FOR PAVEMENT PATCHING LOCATIONS NECESSARY TO INSTALL PROPOSED STORM SEWERS



FILE NAME =	USER NAME = default	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PLAN STONY ISLAND EXTENSION	F.A.I. RTE. 94	SECTION 2012-060-BR	COUNTY COOK	TOTAL SHEETS 285	SHEET NO. 46		
#FILE#		DRAWN - JMC	REVISED -			SCALE: 1"=50'	SHEET NO. 6 OF 13 SHEETS	STA.	TO STA.	CONTRACT NO. 60V61		
		CHECKED - RGR	REVISED -			ILLINOIS FED. AID PROJECT						
		DATE - 11/08/2012	REVISED -									

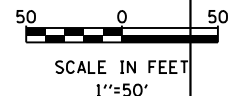
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MATCHLINE "J"
SEE SHEET 6 OF 13
FOR CONTINUATION

LEGEND

- ① STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"
- ② AGGREGATE BASE COURSE, TYPE B (6")
- ③ HOT-MIX ASPHALT BASE COURSE, 10 1/4"
- ④ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" & VARIES
- ⑤ POLYMERIZED HMA SURFACE COURSE, MIX 'F', N90, 1 3/4"
- ⑥ PCC PAVEMENT, 10 1/4" (JOINTED)
- ⑦ AGGREGATE SHOULDERS, TYPE B 6"
- ⑧ PORTLAND CEMENT CONCRETE SHOULDERS 10 1/4"
- ⑨ TEMPORARY PAVEMENT, (11 1/2")
 - HOT-MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 2"
 - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 9 1/2"
- ⑩ TEMPORARY PAVEMENT, (10")
 - HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N70, 2"
 - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8"
- ⑪ CLASS SI CONCRETE (OUTLET)
- ⑫ CONCRETE CURB, TYPE B
- ⑬ COMBINATION CONCRETE CURB & GUTTER, TY. B-6.18
- ⑭ CONCRETE MEDIAN SURFACE, 4"
- ⑮ CONCRETE MEDIAN, TY. SB
- ⑯ STEEL PLATE BEAM GUARDRAIL, TY. A, 6FT. POSTS
- ⑰ TRAFFIC BARRIER TERMINAL, TY. 2
- ⑱ TRAFFIC BARRIER TERMINAL, TY. 5
- ⑲ TRAFFIC BARRIER TERMINAL, TY. 6
- ⑳ TEMPORARY CONCRETE BARRIER (INSTALL ONLY)
- ㉑ CHAIN LINK FENCE, 4'
- ㉒ TRAFFIC BARRIER TERMINAL, TY. 1 (SPECIAL) TANGENT



NOTE: SEE PROPOSED DRAINAGE PLANS FOR PAVEMENT PATCHING LOCATIONS NECESSARY TO INSTALL PROPOSED STORM SEWERS

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FILE NAME =	USER NAME = default	DESIGNED -	REVISED -
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	PLOT DATE = 12/7/2012	DATE - 11/08/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN
STONY ISLAND EXTENSION**

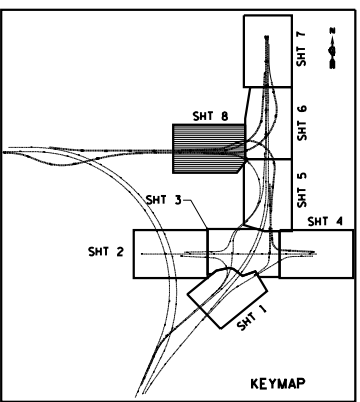
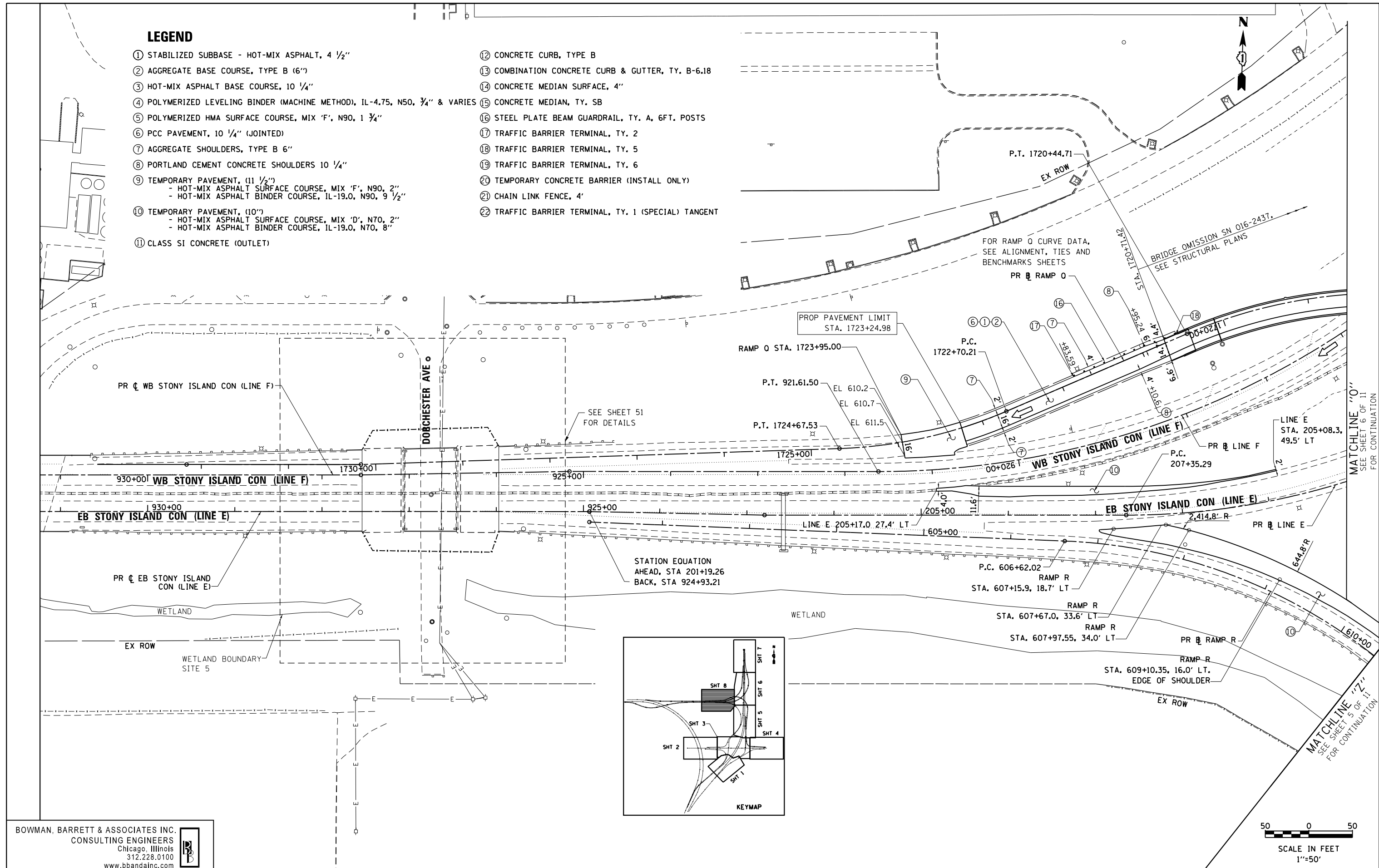
SCALE: 1"=50' SHEET NO. 7 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	47
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	

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LEGEND

- ① STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"
- ② AGGREGATE BASE COURSE, TYPE B (6")
- ③ HOT-MIX ASPHALT BASE COURSE, 10 1/4"
- ④ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" & VARIES
- ⑤ POLYMERIZED HMA SURFACE COURSE, MIX 'F', N90, 1 3/4"
- ⑥ PCC PAVEMENT, 10 1/4" (JOINTED)
- ⑦ AGGREGATE SHOULDERS, TYPE B 6"
- ⑧ PORTLAND CEMENT CONCRETE SHOULDERS 10 1/4"
- ⑨ TEMPORARY PAVEMENT, (11 1/2")
 - HOT-MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 2"
 - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 9 1/2"
- ⑩ TEMPORARY PAVEMENT, (10")
 - HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N70, 2"
 - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8"
- ⑪ CLASS SI CONCRETE (OUTLET)
- ⑫ CONCRETE CURB, TYPE B
- ⑬ COMBINATION CONCRETE CURB & GUTTER, TY. B-6.18
- ⑭ CONCRETE MEDIAN SURFACE, 4"
- ⑮ CONCRETE MEDIAN, TY. SB
- ⑯ STEEL PLATE BEAM GUARDRAIL, TY. A, 6FT. POSTS
- ⑰ TRAFFIC BARRIER TERMINAL, TY. 2
- ⑱ TRAFFIC BARRIER TERMINAL, TY. 5
- ⑲ TRAFFIC BARRIER TERMINAL, TY. 6
- ⑳ TEMPORARY CONCRETE BARRIER (INSTALL ONLY)
- ㉑ CHAIN LINK FENCE, 4'
- ㉒ TRAFFIC BARRIER TERMINAL, TY. 1 (SPECIAL) TANGENT



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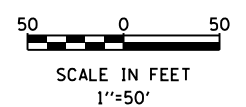
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN
 STONY ISLAND CONNECTOR**

SCALE: 1"=50' SHEET NO. 8 OF 13 SHEETS STA. TO STA.

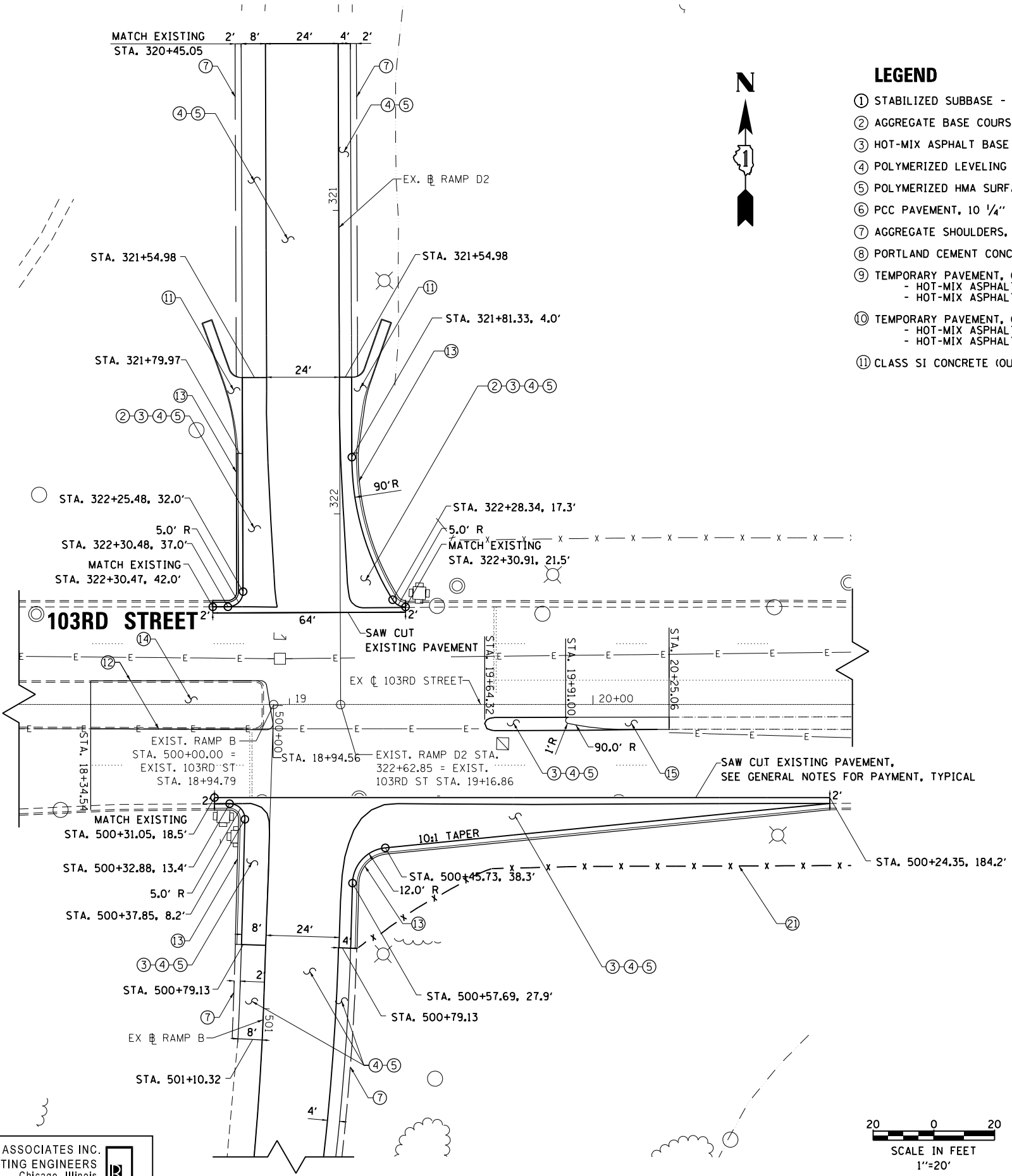
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	48
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	



MATCHLINE "0"
SEE SHEET 6 OF 11 FOR CONTINUATION

MATCHLINE "2"
SEE SHEET 5 OF 11 FOR CONTINUATION

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- ### LEGEND
- ① STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"
 - ② AGGREGATE BASE COURSE, TYPE B (6")
 - ③ HOT-MIX ASPHALT BASE COURSE, 10 1/4"
 - ④ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" & VARIES
 - ⑤ POLYMERIZED HMA SURFACE COURSE, MIX 'F', N90, 1 3/4"
 - ⑥ PCC PAVEMENT, 10 1/4" (JOINTED)
 - ⑦ AGGREGATE SHOULDERS, TYPE B 6"
 - ⑧ PORTLAND CEMENT CONCRETE SHOULDERS 10 1/4"
 - ⑨ TEMPORARY PAVEMENT, (11 1/2")
 - HOT-MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 2"
 - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 9 1/2"
 - ⑩ TEMPORARY PAVEMENT, (10")
 - HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N70, 2"
 - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8"
 - ⑪ CLASS SI CONCRETE (OUTLET)
 - ⑫ CONCRETE CURB, TYPE B
 - ⑬ COMBINATION CONCRETE CURB & GUTTER, TY. B-6.18
 - ⑭ CONCRETE MEDIAN SURFACE, 4"
 - ⑮ CONCRETE MEDIAN, TY. SB
 - ⑯ STEEL PLATE BEAM GUARDRAIL, TY. A, 6FT. POSTS
 - ⑰ TRAFFIC BARRIER TERMINAL, TY. 2
 - ⑱ TRAFFIC BARRIER TERMINAL, TY. 5
 - ⑲ TRAFFIC BARRIER TERMINAL, TY. 6
 - ⑳ TEMPORARY CONCRETE BARRIER (INSTALL ONLY)
 - ㉑ CHAIN LINK FENCE, 4'
 - ㉒ TRAFFIC BARRIER TERMINAL, TY. 1 (SPECIAL) TANGENT

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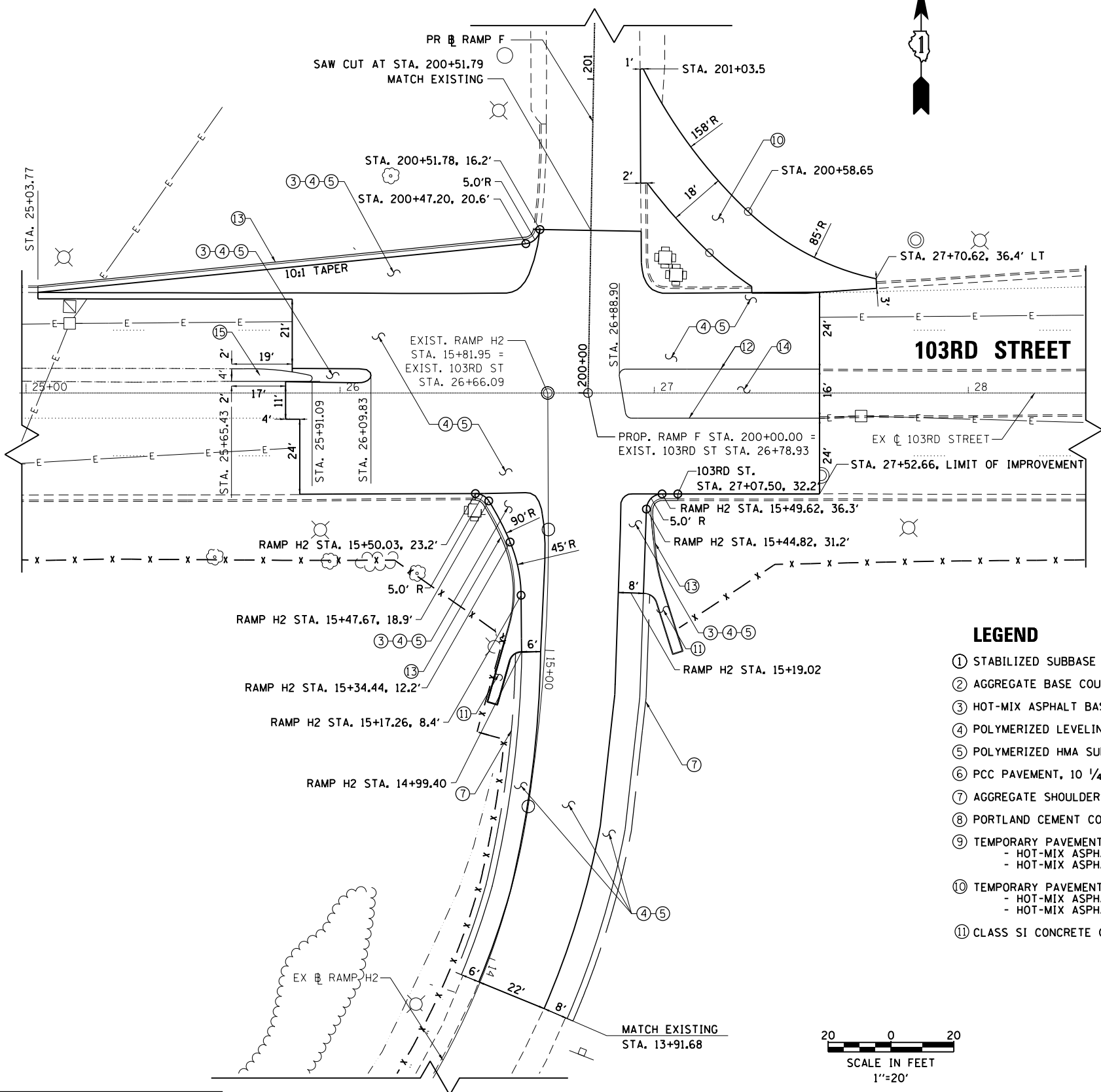
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN
 103RD STREET
 SCALE: 1"=20' SHEET NO. 9 OF 13 SHEETS STA. TO STA.

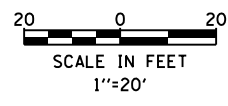
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94	2012-060-BR	COOK	285	49
CONTRACT NO. 60V61				
ILLINOIS FED. AID PROJECT				

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LEGEND

- ① STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"
- ② AGGREGATE BASE COURSE, TYPE B (6")
- ③ HOT-MIX ASPHALT BASE COURSE, 10 1/4"
- ④ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" & VARIES
- ⑤ POLYMERIZED HMA SURFACE COURSE, MIX 'F', N90, 1 3/4"
- ⑥ PCC PAVEMENT, 10 1/4" (JOINTED)
- ⑦ AGGREGATE SHOULDERS, TYPE B 6"
- ⑧ PORTLAND CEMENT CONCRETE SHOULDERS 10 1/4"
- ⑨ TEMPORARY PAVEMENT, (11 1/2")
 - HOT-MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 2"
 - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 9 1/2"
- ⑩ TEMPORARY PAVEMENT, (10")
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 - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8"
- ⑪ CLASS SI CONCRETE (OUTLET)
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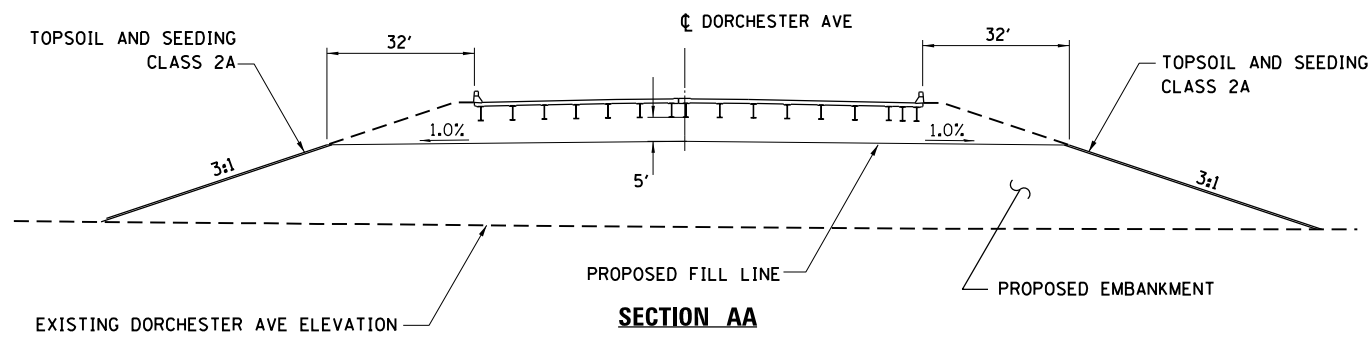
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN
 103RD STREET

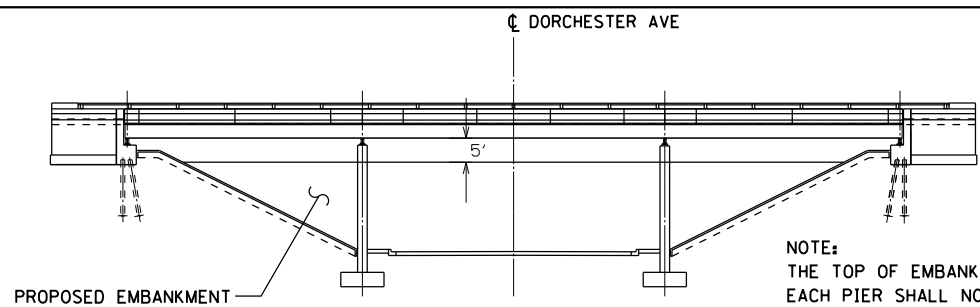
SCALE: 1"=20' SHEET NO. 10 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	50
CONTRACT NO. 60V61				
ILLINOIS FED. AID PROJECT				

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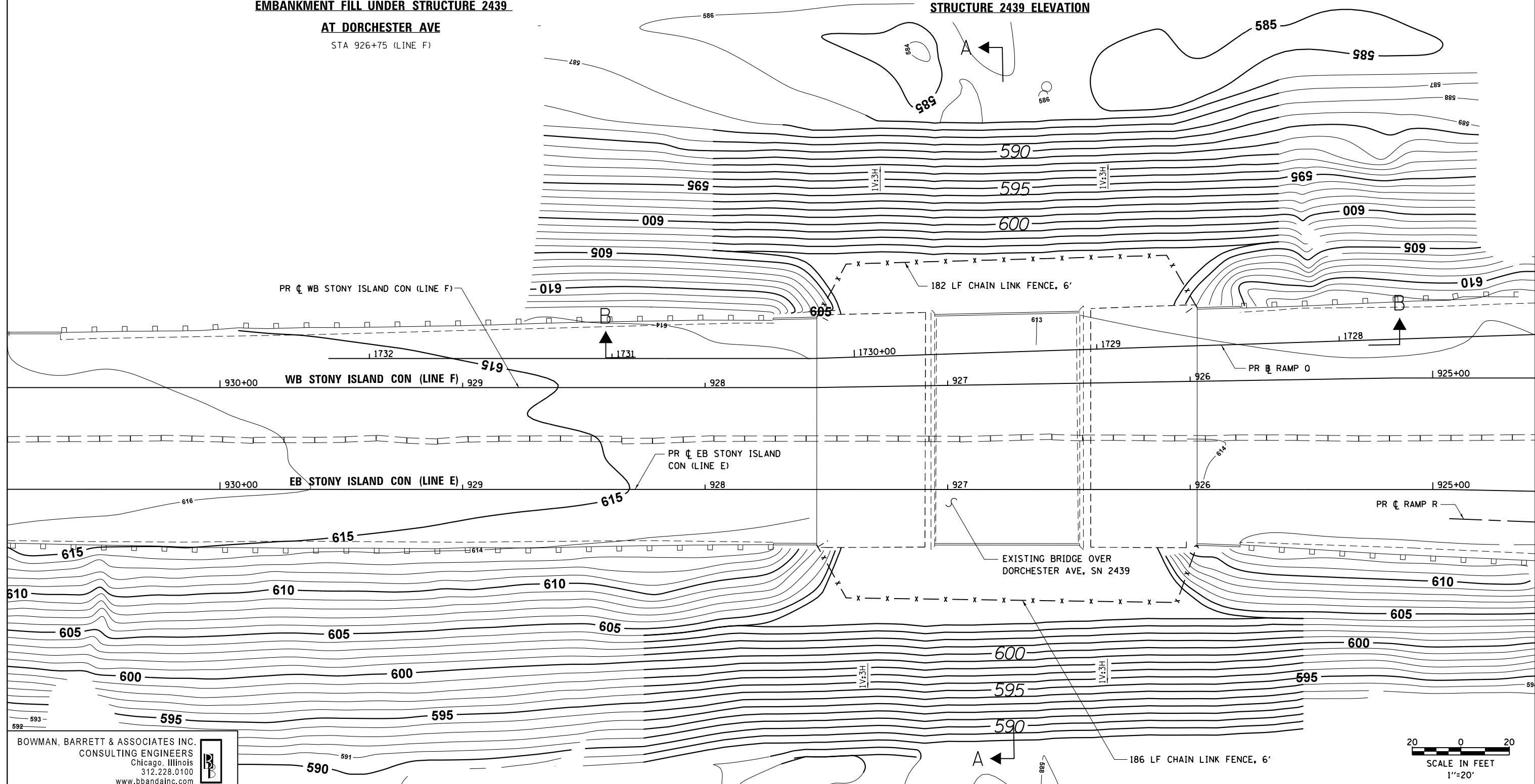


SECTION AA
EMBANKMENT FILL UNDER STRUCTURE 2439
AT DORCHESTER AVE
 STA 926+75 (LINE F)

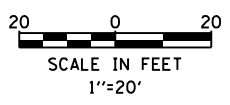


SECTION BB
STRUCTURE 2439 ELEVATION

NOTE:
 THE TOP OF EMBANKMENT ELEVATION ON EITHER SIDE OF EACH PIER SHALL NOT VARY BY MORE THAN 1, (ONE), FOOT AT ANY TIME DURING EMBANKMENT PLACEMENT.

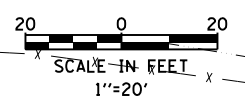
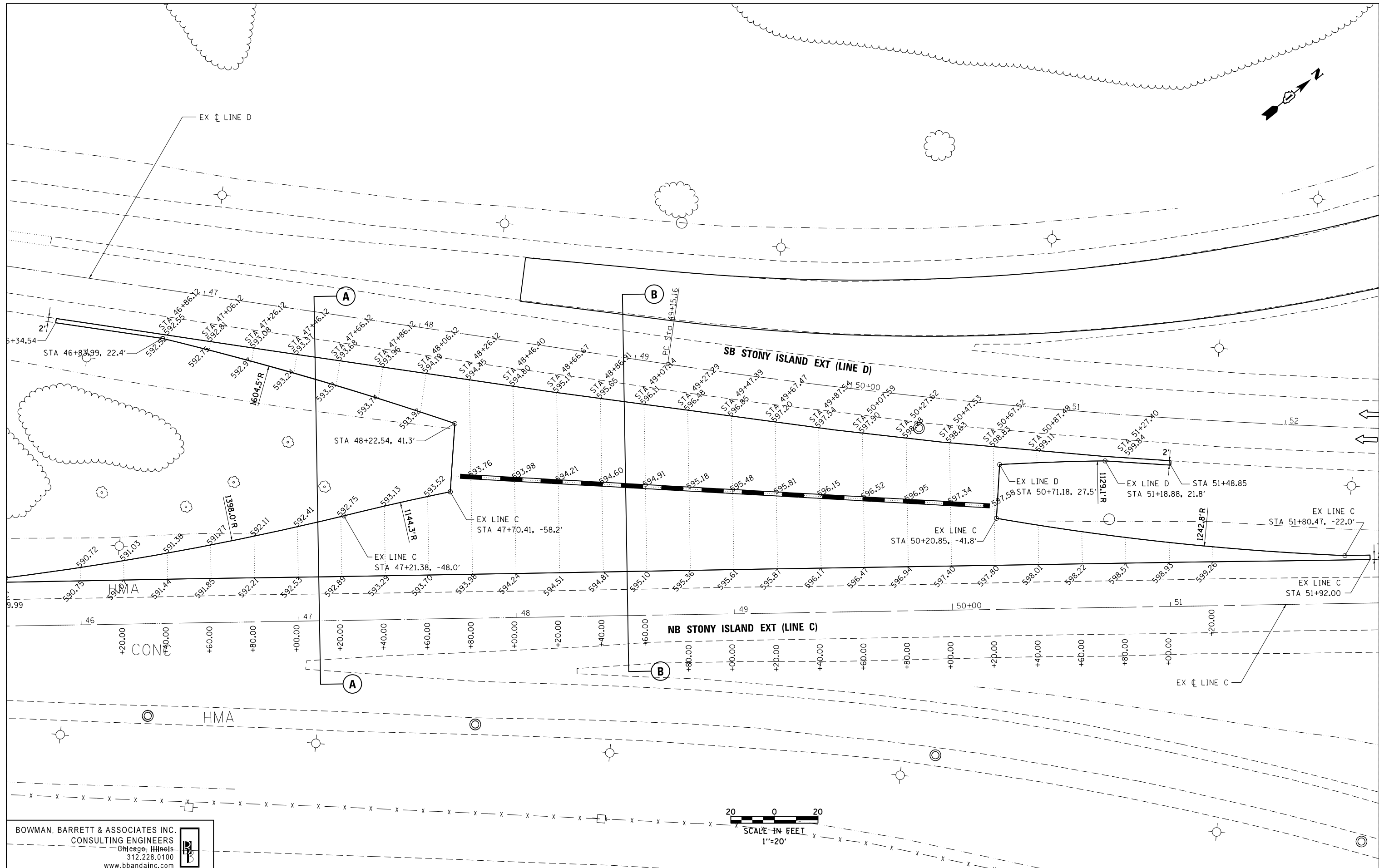
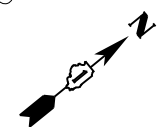


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		CHECKED - RGR	REVISED -								
		DATE - 11/08/2012	REVISED -								

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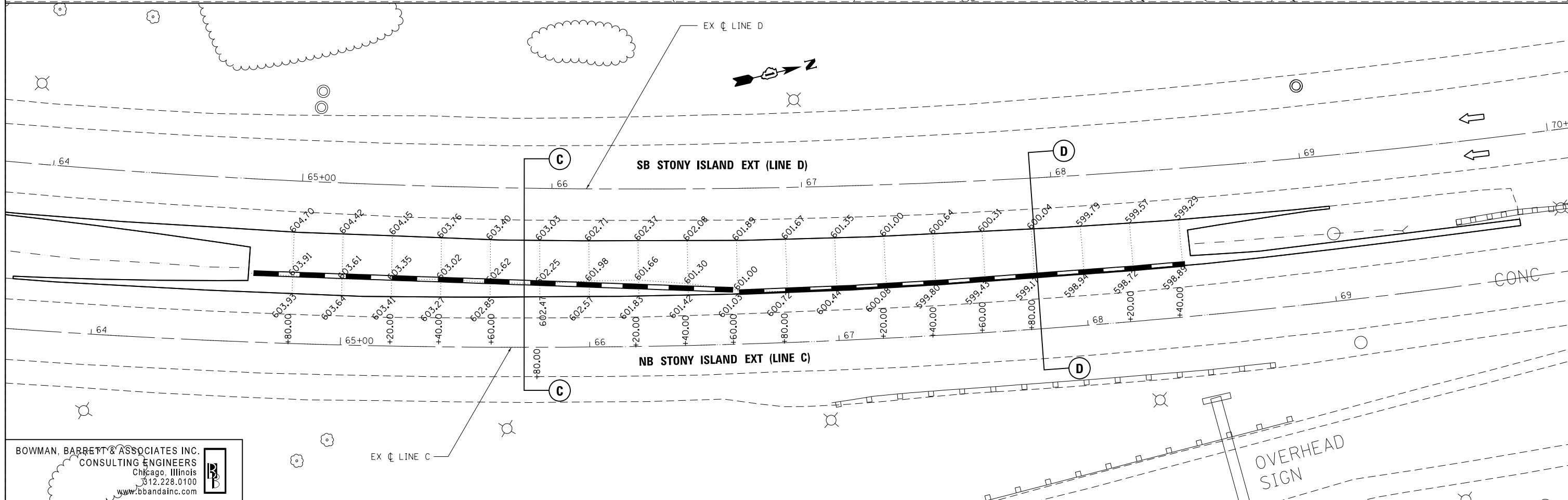
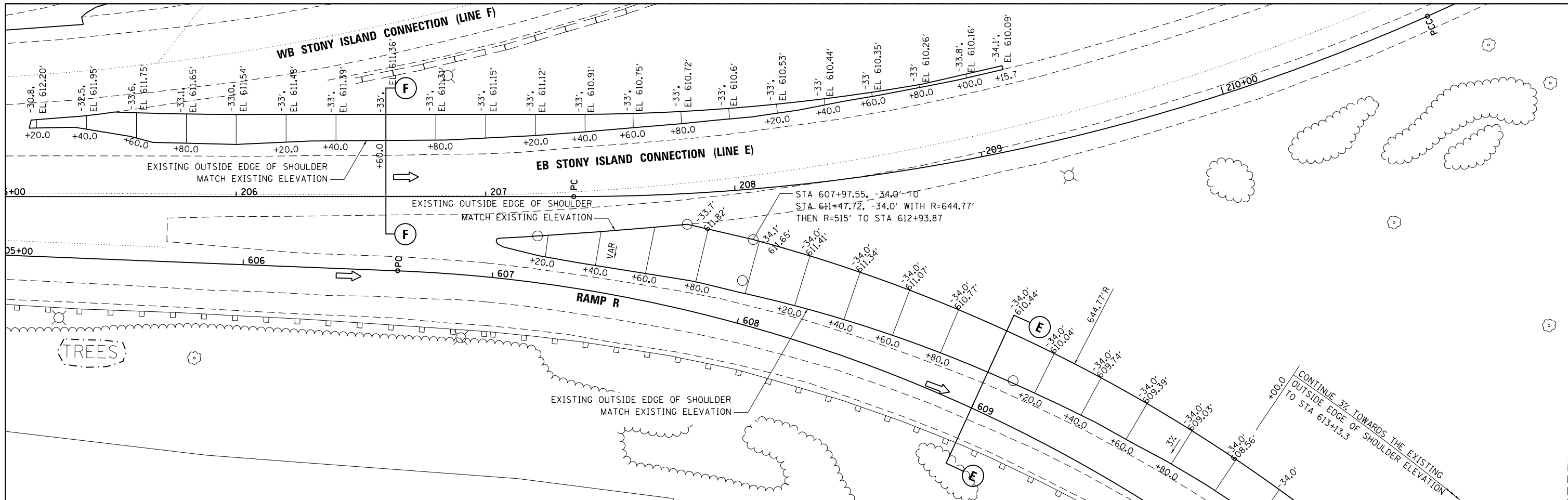
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN
 CROSS OVER 1 DETAILS**

SCALE: 1"=20' SHEET NO. 12 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	52
CONTRACT NO. 60V61				
ILLINOIS FED. AID PROJECT				

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

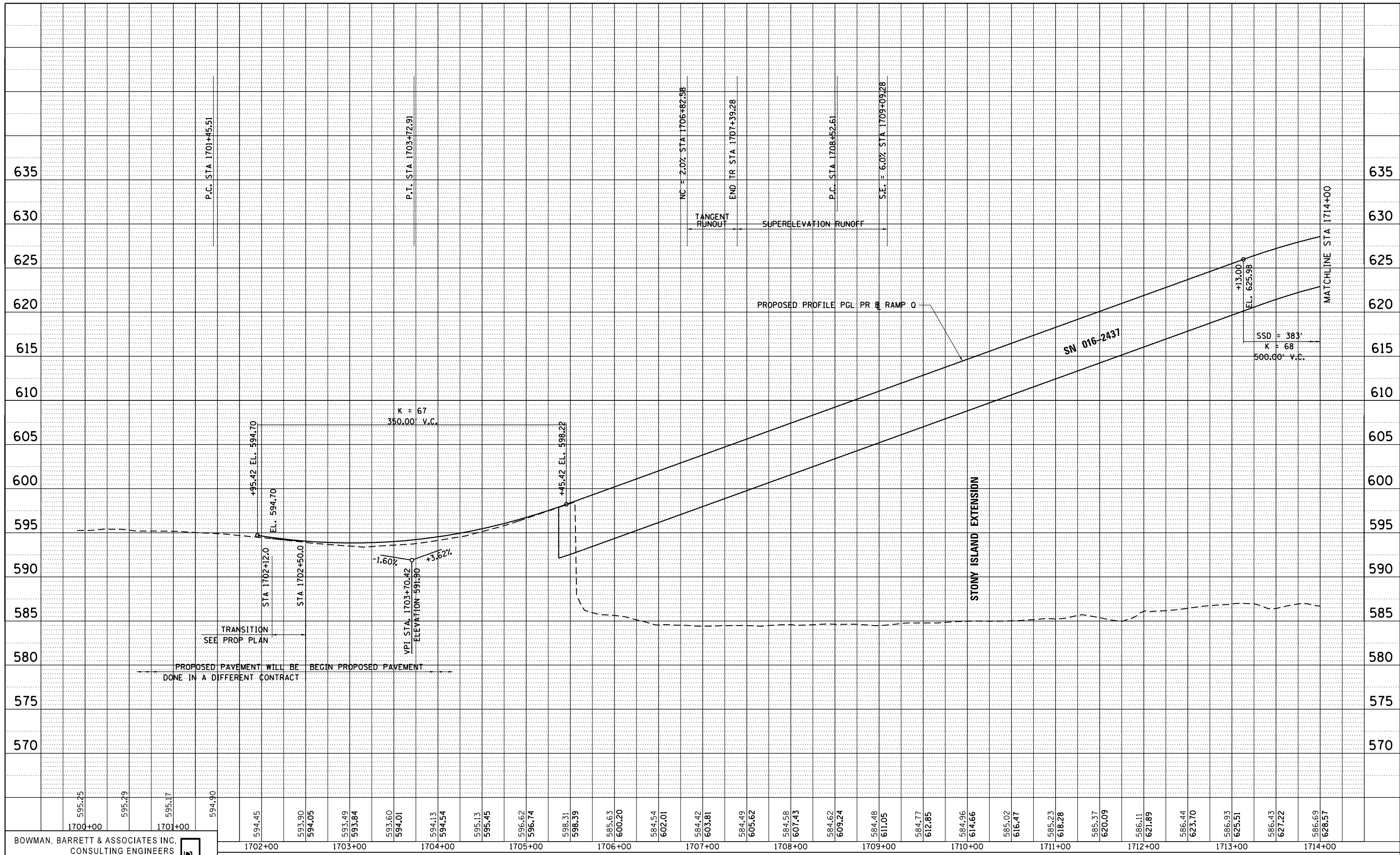
PROPOSED PLAN
 CROSS OVER 2 DETAILS AND LINE E AND RAMP R WIDENING DETAILS
 SCALE: 1"=20' SHEET NO. 13 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	53
CONTRACT NO. 60V61				
ILLINOIS FED. AID PROJECT				

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PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO. _____		
	CARD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO. _____		
	CARD FILE NAME		



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STATE OF ILLINOIS
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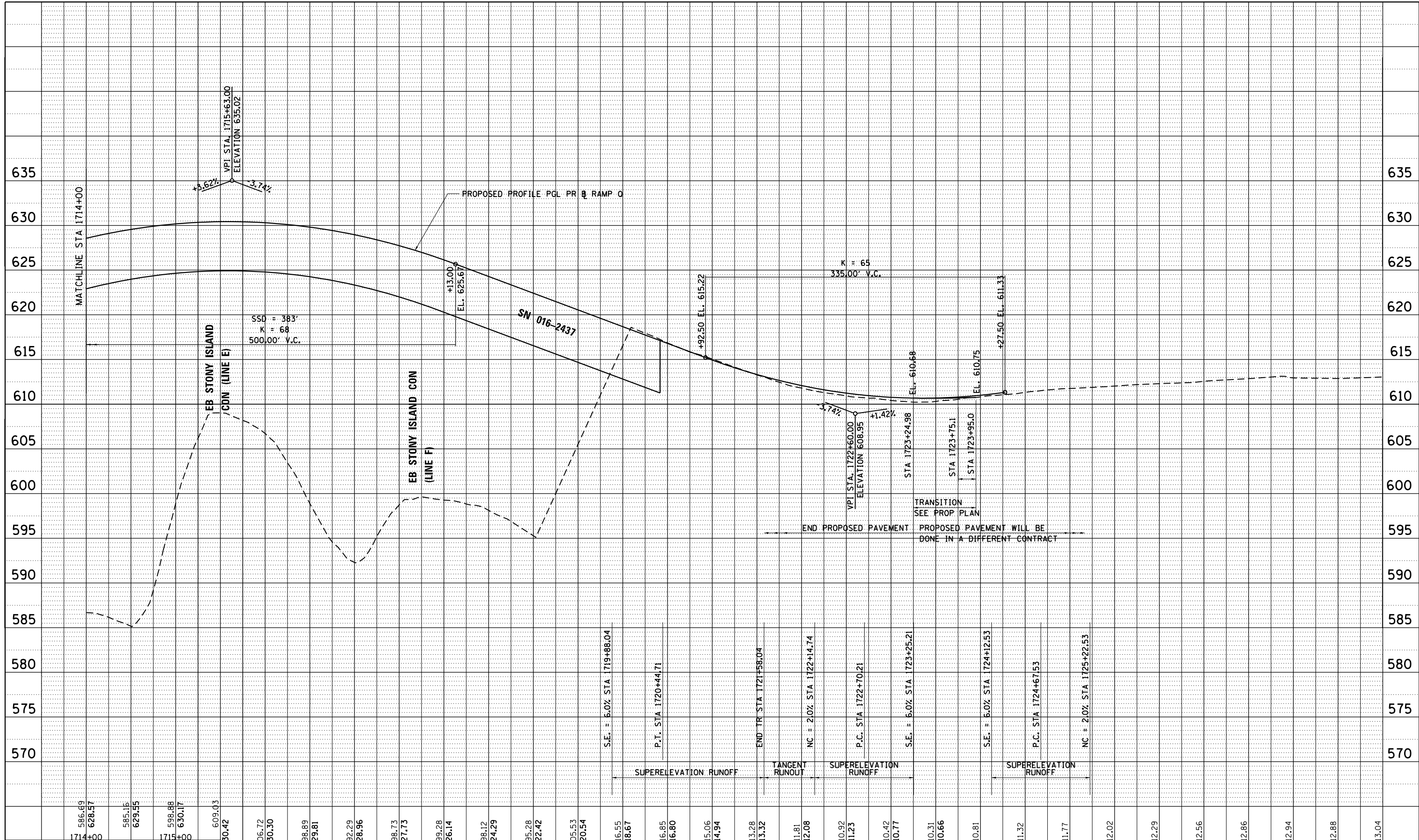
SCALE: 1"=50'		SHEET NO. 1 OF 2 SHEETS		STA. TO STA.	
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STONY ISLAND EXTENSION (RAMP Q)
PROPOSED PROFILE

F.A.I. RTE. 94	SECTION 2012-060-BR	COUNTY COOK	TOTAL SHEETS 285	SHEET NO. 54
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		
	CARD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	STRUCTURE		
	NOT AT THIS OFFICE		



1714+00	586.69 628.57	1715+00	585.15 629.55	1716+00	598.88 630.17	1717+00	609.03	1718+00	630.42	1719+00	606.72 630.30	1720+00	598.89 629.81	1721+00	592.29 628.96	1722+00	598.73 627.73	1723+00	599.28 626.14	1724+00	598.12 624.29	1725+00	595.28 622.42	1726+00	605.53 620.54	1727+00	616.55 618.67	1728+00	616.85 616.80	615.06 614.94	613.28 613.32	611.81 612.08	610.92 611.23	610.42 610.77	610.31 610.66	610.81	611.32	611.77	612.02	612.29	612.56	612.86	612.94	612.88	613.04
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PLOT DATE = 12/7/2012	CHECKED - BK	REVISED -
	DATE - 11/08/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STONY ISLAND EXTENSION (RAMP Q)		
PROPOSED PROFILE		
SCALE: 1"=50'	SHEET NO. 2 OF 2 SHEETS	STA. TO STA.

F.A.I. RTE. 94	SECTION 2012-060-BR	COUNTY COOK	TOTAL SHEETS 285	SHEET NO. 55
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	

MAINTENANCE OF TRAFFIC GENERAL NOTES

- ① THE CONTRACTOR MUST COORDINATE ALL LANE CLOSURES WITH THE ENGINEER.
- ② ALL TRAFFIC CONTROL DEVICES AND SIGNAGE REQUIRED ON STONY ISLAND CONNECTOR, STONY ISLAND EXTENSION, 103RD STREET AND RAMPS IN ACCORDANCE WITH APPLICABLE IDOT DISTRICT 1 STANDARDS, IDOT HIGHWAY STANDARDS, AND THIS CONTRACT DRAWINGS ARE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)", AND WILL NOT BE PAID FOR SEPARATELY.
- ③ LANE CLOSURES, RAMP CLOSURES, SIGNING, PAVEMENT MARKING AND BARRICADE PLACEMENT SHALL BE IN ACCORDANCE WITH THE LATEST HIGHWAY STANDARD DRAWINGS AND IDOT DISTRICT 1 STANDARD DETAILS.
- ④ EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH TEMPORARY PAVEMENT MARKINGS SHALL BE REMOVED, AS DIRECTED BY THE ENGINEER. THE REMOVAL WILL BE MEASURED IN SQUARE FEET AND PAID FOR AS "PAVEMENT MARKING REMOVAL".
- ⑤ ALL DRUMS, VERTICAL PANELS, AND BARRICADES IMMEDIATELY ADJACENT TO THE EDGE OF TRAVELED WAY SHALL BE EQUIPPED WITH BIDIRECTIONAL STEADY BURN LIGHTS. CONES WILL NOT BE ALLOWED, UNLESS NOTED. DRUM SPACINGS SHALL BE 50' CENTER TO CENTER ALONG STONY ISLAND CONNECTOR, EXTENSION AND AT ALL RAMP LOCATIONS. DRUMS SHALL BE PLACED AT 100' C-C AT LOCATIONS OF FULL SHOULDER WIDTH.
- ⑥ ANY EXISTING SIGNS DENOTED WITHIN THE PLAN SET THAT DO NOT APPLY TO THE REVISED TRAFFIC PATTERNS SHALL BE REMOVED OR COVERED, AS DIRECTED BY THE ENGINEER. THE COVERING OR REMOVAL OF GROUND MOUNTED/OVERHEAD SIGNS SHALL BE NON-DESTRUCTIVE IN NATURE AND WILL NOT BE MEASURED FOR PAYMENT BUT IS CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR "TRAFFIC CONTROL AND PROTECTION (SPECIAL)".
- ⑦ ADVANCED SIGNING PER IDOT DISTRICT 1 DETAIL TC-22 AND/OR CHANGEABLE MESSAGE SIGNS SHALL BE USED IN ADVANCE OF ROAD WORK IN BOTH TRAFFIC DIRECTIONS ALONG 103RD STREET AND IN ADVANCE OF RAMP Q. THESE SIGNS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "TEMPORARY INFORMATION SIGNING" OR "CHANGEABLE MESSAGE SIGN".
- ⑧ THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND PROVIDING ACCESS POINTS TO THE WORK ZONE. ACCESS POINTS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION. ANY SIGNING OR ADDITIONAL TRAFFIC CONTROL DEVICES REQUIRED TO PROVIDE CONTRACTOR ACCESS TO THE WORK ZONE IS INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY.
- ⑨ THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE PLACEMENT AND MESSAGES FOR ALL CHANGEABLE MESSAGE SIGNS WITH THE ENGINEER. PROVIDED BELOW FOR INFORMATION ONLY ARE ANTICIPATED LOCATIONS AND DURATIONS AT EACH LOCATION FOR THE PORTABLE CHANGEABLE MESSAGE SIGNS:

RAMP Q	1
103RD STREET	2
RAMP A	1
RAMP B	1
RAMP H2	1
STONY ISLAND EXTENSION LINE D	1
STONY ISLAND EXTENSION LINE C	1

SUGGESTED SEQUENCE OF CONSTRUCTION:

PRE-STAGE:

- INSTALL ALL DETOUR SIGNING AS DIRECTED BY THE ENGINEER
- INSTALL ALL ADVANCED WARNING SIGNS AND TEMPORARY PAVEMENT MARKINGS FOR STAGE 1 AS DIRECTED BY THE ENGINEER

STAGE 1:

WORK NEEDED:

- INSTALLATION OF CROSSOVERS AND WIDENING PAVEMENT AS SHOWN IN PLANS
- WIDEN RAMPS B, D2, H2, R AND LINE E
- RAMP Q BRIDGE AND ROADWAY WORK AS SHOWN IN PROPOSED PLAN
- DRAINAGE WORK/PATCHING, NO SHOWN IN MOT PLANS, FOR RAMP H STA 110+00 +/-, STA 116+20+/-, STA 118+60+/- RAMP F STA 200+60 +/-, RAMP F2 206+20+/-, MAINTAIN TRAFFIC BY TEMPORARY SHIFTING TO ONE SIDE OF THE RAMP. COVER THE CONCRETE PATCHING DURING CURING TIME WITH A STEEL PLATE FOR TRAFFIC. USE IDOT DISTRICT ONE STANDARD TC-17
- INSTALL TEMPORARY PAVEMENT LINE C, STA 83+04.5 TO STA 85+00.0

TRAFFIC:

- RAMP Q CLOSED TO TRAFFIC
- RAMPS A, B, D2 AND H2 ARE OPEN, EXCEPT AS SPECIFIED BY ENGINEER DURING NIGHTTIME LANE CLOSURES
- STONY ISLAND EXTENSION LINE D AND LINE C, 2 LANES OPEN AS NORMAL. AS PER IDOT STD TC-17 AND NIGHTTIME LANE CLOSURES
- 103RD STREET OPEN, SEE NOTE 1 BELOW.
- RAMP R AND LINE E ARE OPEN TO TRAFFIC. AS PER IDOT STD TC-17 AND NIGHTTIME LANE CLOSURES

STAGE 1A:

- WIDEN THE OTHER SIDE OF RAMPS B, D2, AND H2
- CONTINUE WITH INSTALLATION OF CROSSOVERS AND WIDENING PAVEMENT AS SHOWN IN PLANS
- CONTINUE WITH RAMP Q BRIDGE AND ROADWAY WORK AS SHOWN IN PROPOSED PLAN

TRAFFIC, SAME AS ABOVE

NOTES:

1. ALL WORK ON 103RD STREET TO BE DONE UNDER TEMPORARY NIGHTTIME LANE CLOSURES PER IDOT HIGHWAY STANDARD 701601-07 "URBAN LANE CLOSURE, MULTILANE 1W OR 2W WITH NONTRAVERSABLE MEDIAN" AND STANDARD 701701-08 "URBAN LANE CLOSURE, MULTILANE INTERSECTION".
2. SCARIFY RAMPS A, B, D2, H2 UTILIZING RAMP CLOSURES AS PER SPECIFICATIONS FOR NIGHTTIME LANE CLOSURES
3. INSTALL TEMPORARY PAVEMENT MARKINGS FOR RAMPS A, B, D2, AND H2 BEFORE AND AFTER SCARIFICATION, AFTER LEVELING BINDER AND SURFACE COURSE AS NEEDED AND DIRECTED BY ENGINEER
4. THE CONTRACTOR SHOULD NOT CLOSE RAMP Q UNTIL AFTER BOTH CDOT RESURFACING PROJECTS ARE COMPLETED

WEEKNIGHT	TYPE OF CLOSURE	ALLOWABLE LANE CLOSURE HOURS			
		INBOUND		OUTBOUND	
SUN-THU	1-LANE/RAMP	8:00 PM	TO 5:00 AM	10:00 PM	TO 7:00 AM
FRIDAY	1-LANE/RAMP	11:00 PM (FRI)	TO 8:00 AM (SAT)	11:00 PM (FRI)	TO 8:00 AM (SAT)
SATURDAY	1-LANE/RAMP	10:00 PM (SAT)	TO 9:00 AM (SUN)	10:00 PM (SAT)	TO 10:00 AM (SUN)

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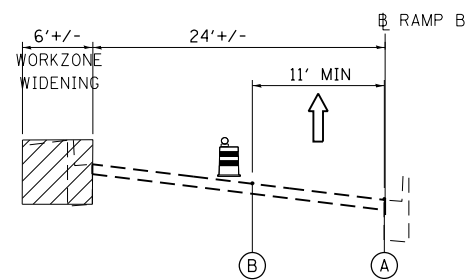
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MAINTENANCE OF TRAFFIC - GENERAL NOTES

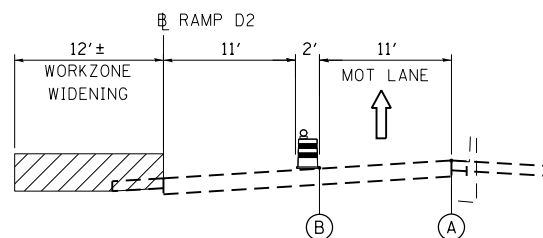
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	56
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	



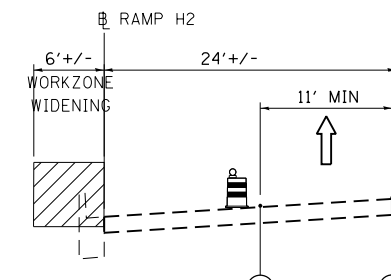
RAMP B - STAGE 1

SECTION 1-1



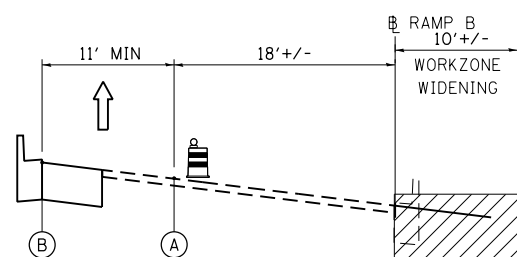
RAMP D2 - STAGE 1

SECTION 2-2



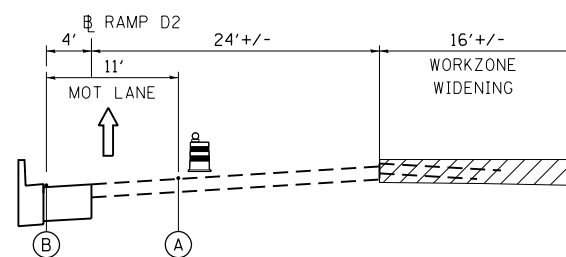
RAMP H2 - STAGE 1

SECTION 3-3



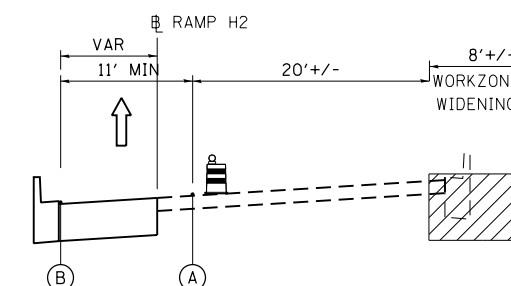
RAMP B - SUB-STAGE 1A

SECTION 1-1



RAMP D2 - SUB-STAGE 1A

SECTION 2-2



RAMP H2 - SUB-STAGE 1A

SECTION 3-3

LEGEND:

- (A) PAVEMENT MARKING TAPE, TYPE III 4", WHITE
- (B) PAVEMENT MARKING TAPE, TYPE III 4", YELLOW

NOTES:

SEE MOT GENERAL NOTES FOR SCARIFICATION AND TEMPORARY PAVEMENT MARKING INSTALLATION

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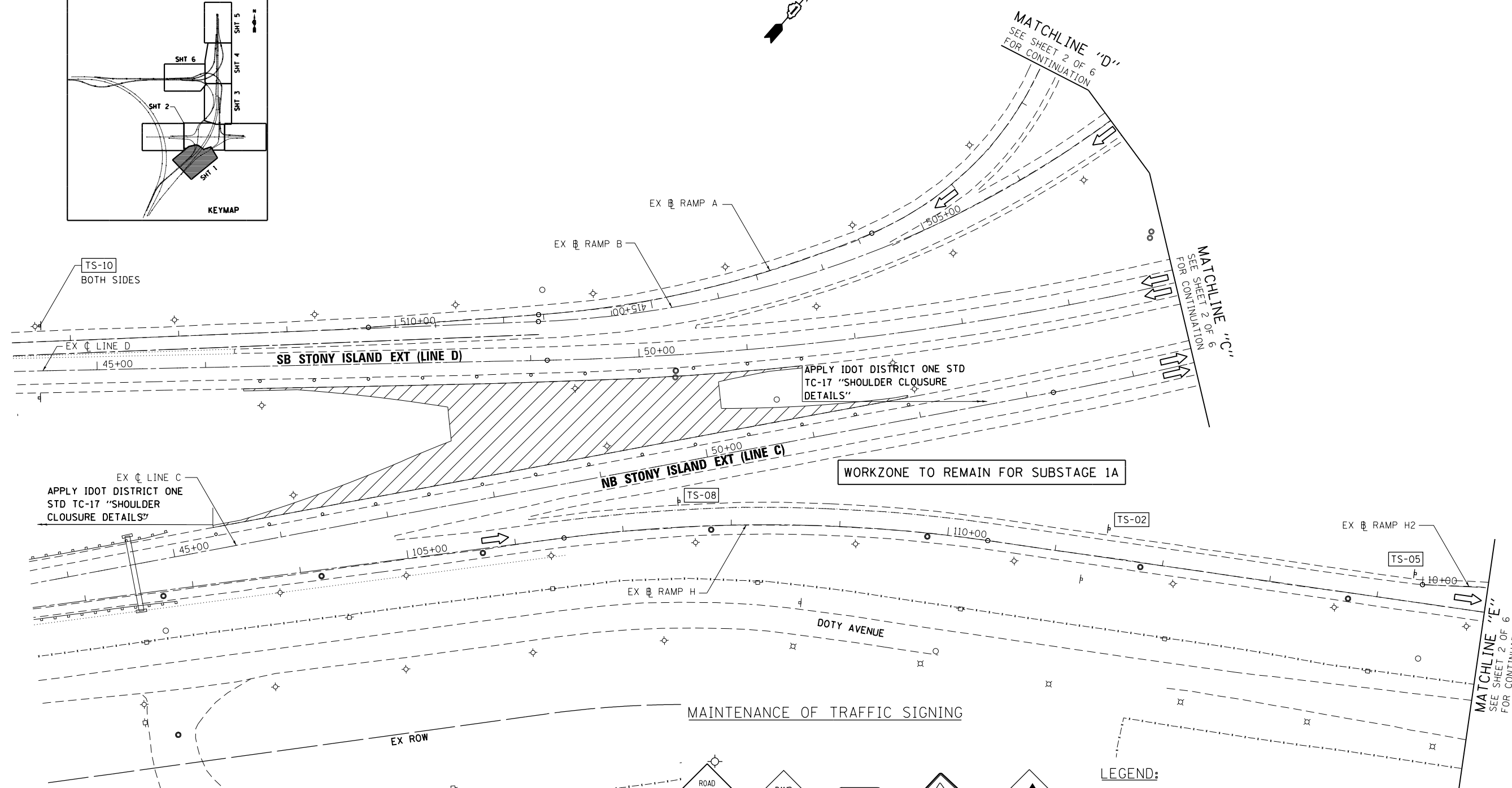
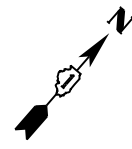
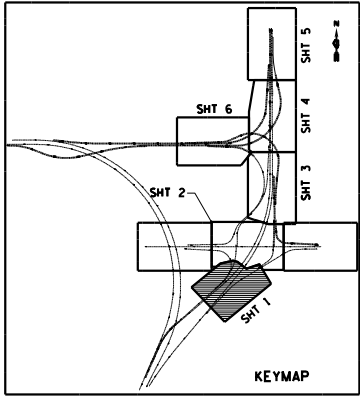
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC - TYPICAL SECTIONS

SCALE: N/A SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	57
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	

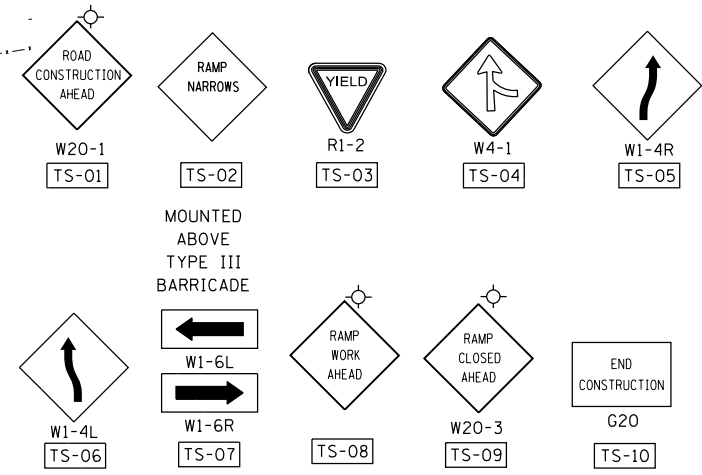


EX LINE C
APPLY IDOT DISTRICT ONE
STD TC-17 "SHOULDER
CLOSURE DETAILS"

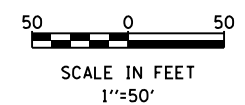
APPLY IDOT DISTRICT ONE STD
TC-17 "SHOULDER CLOSURE
DETAILS"

WORKZONE TO REMAIN FOR SUBSTAGE 1A

MAINTENANCE OF TRAFFIC SIGNING



- LEGEND:**
- ⊥ TRAFFIC CONTROL SIGN
 - TRAFFIC FLOW
 - DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT (SEE MOT GENERAL NOTES FOR DRUM SPACING)
 - ▨ WORKZONE
 - ▩ TEMPORARY PAVEMENT
 - ⊥ TYPE III BARRICADE
 - ⓐ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH, WHITE
 - ⓑ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH, YELLOW



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FILE NAME =	USER NAME = default	DESIGNED - JK	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC - STAGE 1
STONY ISLAND EXTENSION

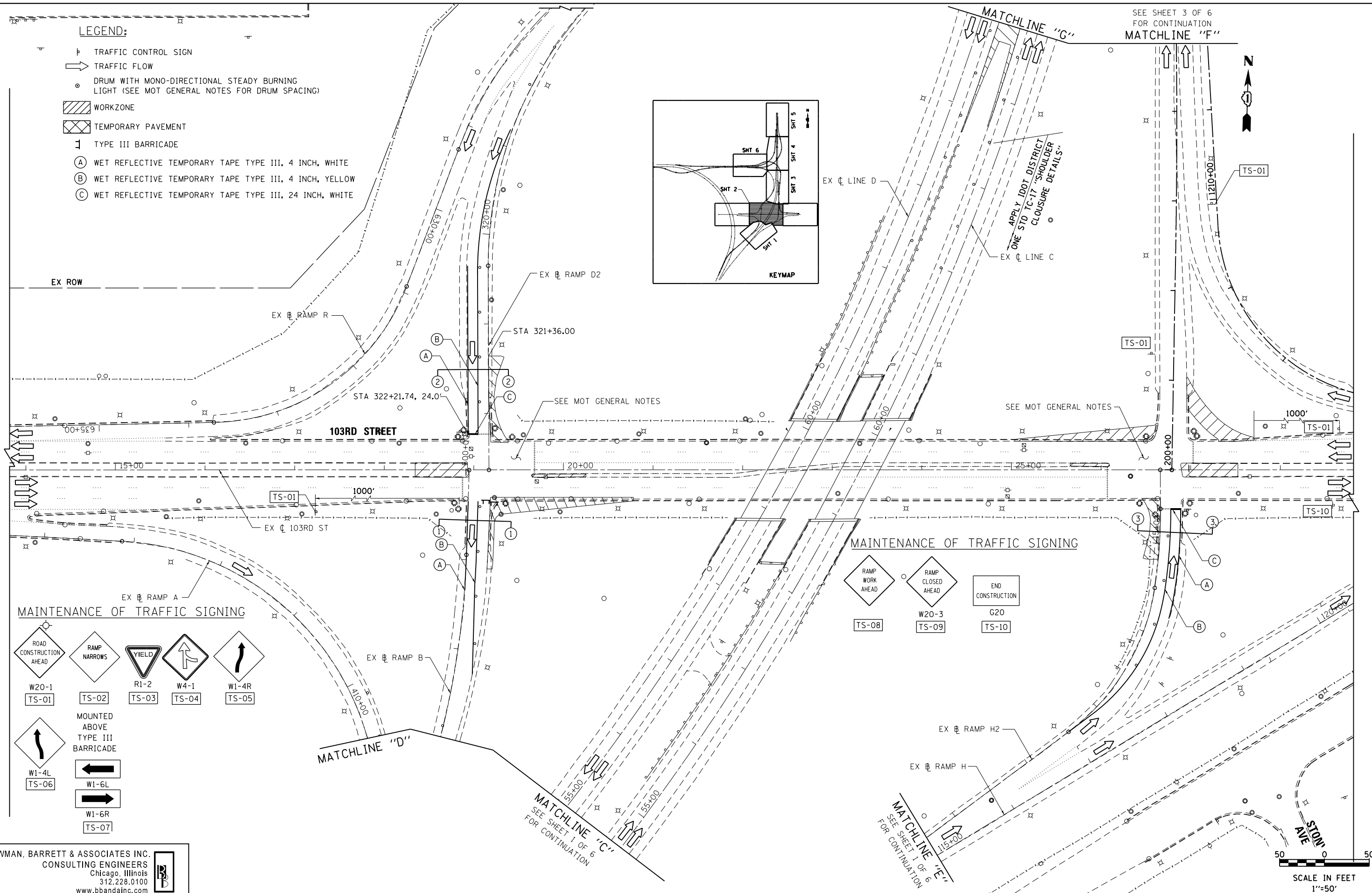
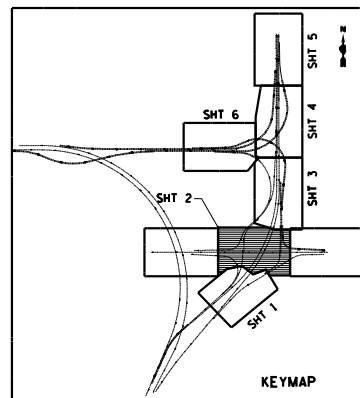
SCALE: 1"=50' SHEET NO. 1 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	58
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	

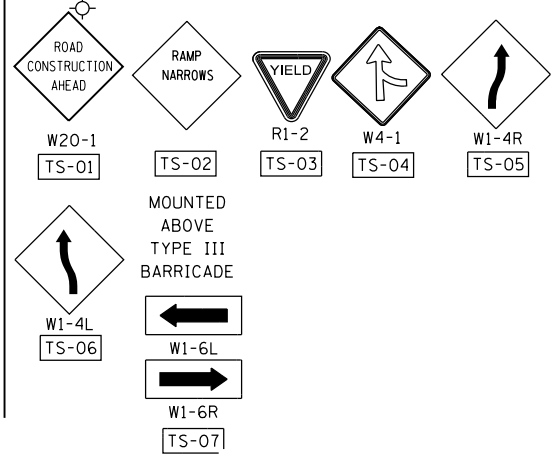
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LEGEND:

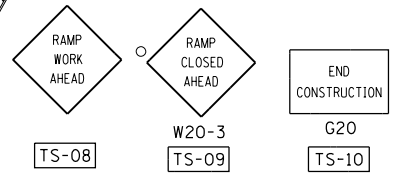
- ⊥ TRAFFIC CONTROL SIGN
- ➔ TRAFFIC FLOW
- DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT (SEE MOT GENERAL NOTES FOR DRUM SPACING)
- ▨ WORKZONE
- ▩ TEMPORARY PAVEMENT
- ⊥ TYPE III BARRICADE
- (A) WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH, WHITE
- (B) WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH, YELLOW
- (C) WET REFLECTIVE TEMPORARY TAPE TYPE III, 24 INCH, WHITE



MAINTENANCE OF TRAFFIC SIGNING



MAINTENANCE OF TRAFFIC SIGNING



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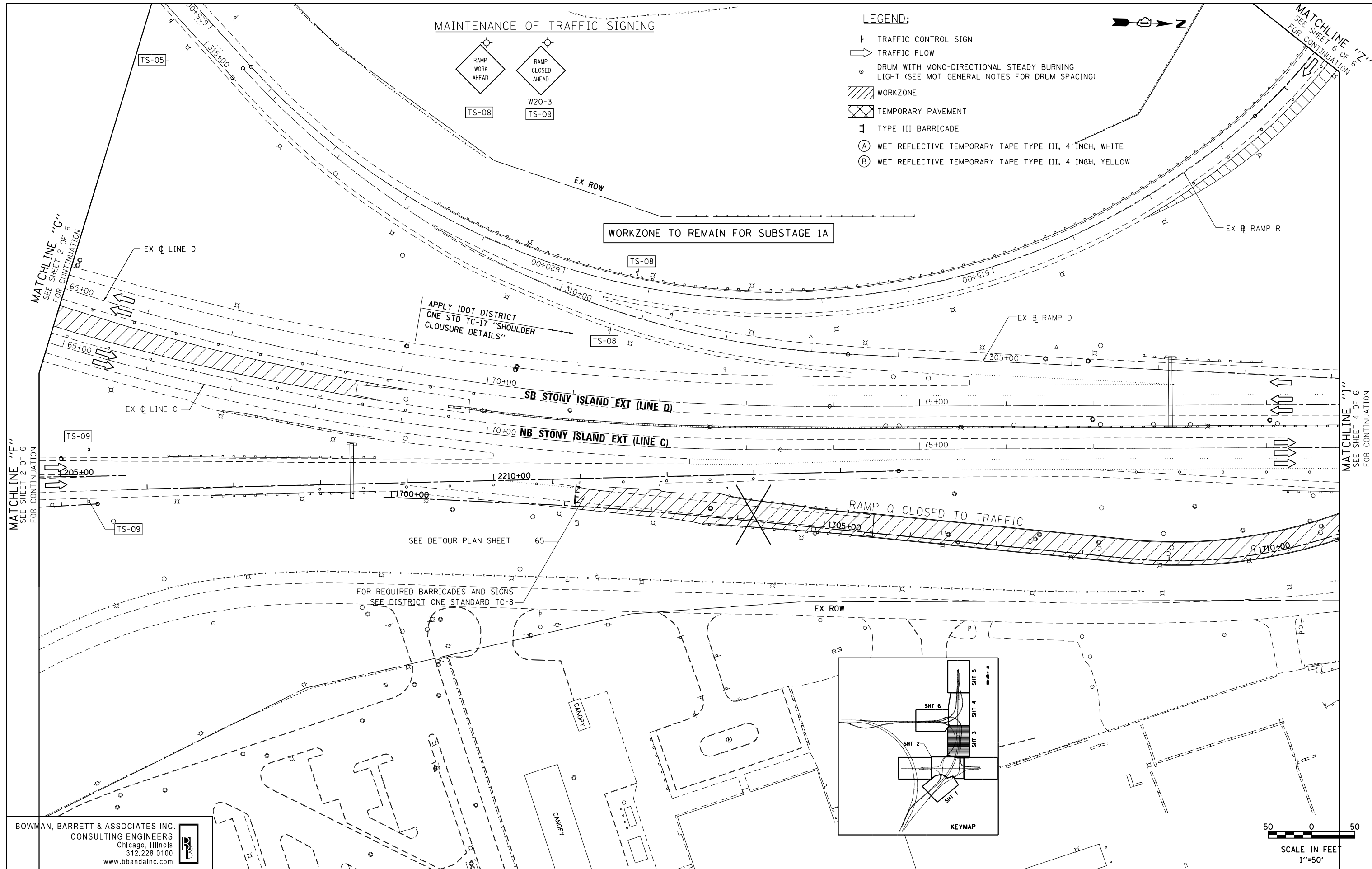
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC - STAGE 1		F.A.I. R.T.E. 94	SECTION 2012-060-BR	COUNTY COOK	TOTAL SHEETS 285	SHEET NO. 59
103RD STREET		SCALE: 1"=50'		SHEET NO. 2 OF 7 SHEETS		CONTRACT NO. 60V61
		STA.	TO STA.		ILLINOIS FED. AID PROJECT	

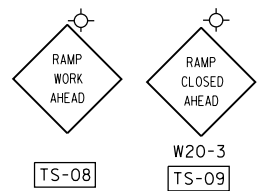
CONTRACT NO. 60V61		ILLINOIS FED. AID PROJECT	
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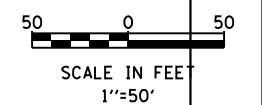
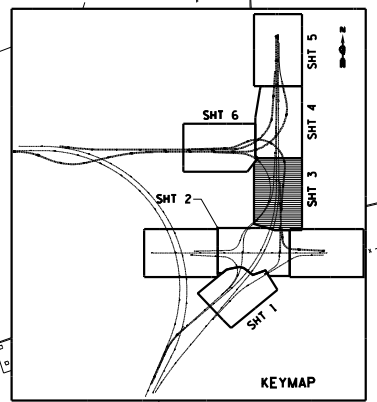
- LEGEND:**
- ⊥ TRAFFIC CONTROL SIGN
 - ➔ TRAFFIC FLOW
 - DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT (SEE MOT GENERAL NOTES FOR DRUM SPACING)
 - ▨ WORKZONE
 - ⊗ TEMPORARY PAVEMENT
 - ⊥ TYPE III BARRICADE
 - Ⓐ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4" INCH, WHITE
 - Ⓑ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4" INCH, YELLOW

MAINTENANCE OF TRAFFIC SIGNING



WORKZONE TO REMAIN FOR SUBSTAGE 1A

RAMP Q CLOSED TO TRAFFIC



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - STAGE 1
 STONY ISLAND EXTENSION**

SCALE: 1"=50' SHEET NO. 3 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	60
CONTRACT NO. 60V61				
ILLINOIS FED. AID PROJECT				

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MATCHLINE "0" SEE SHEET 6 OF 6 FOR CONTINUATION

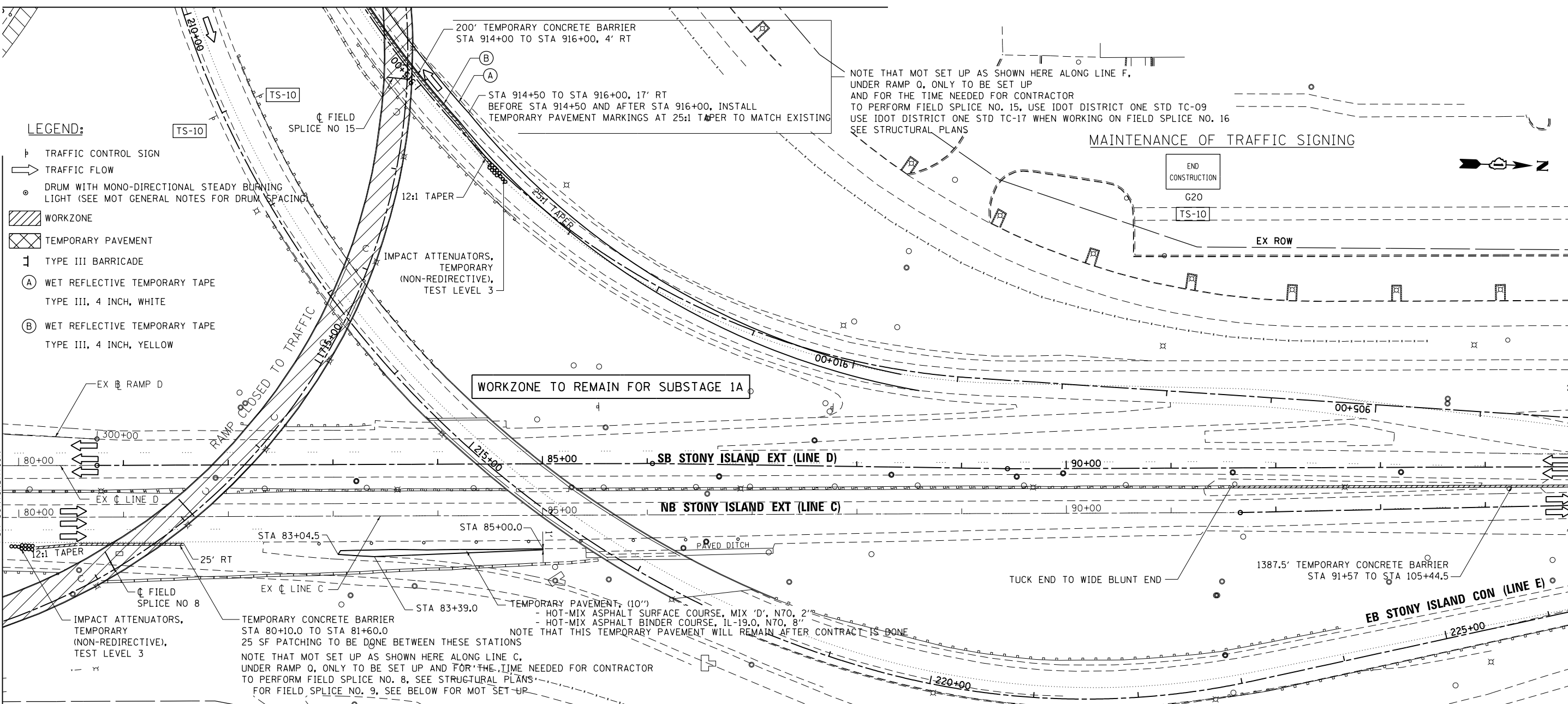
- LEGEND:**
- ⊠ TRAFFIC CONTROL SIGN
 - TRAFFIC FLOW
 - DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT (SEE MOT GENERAL NOTES FOR DRUM SPACING)
 - ▨ WORKZONE
 - ▩ TEMPORARY PAVEMENT
 - ⊥ TYPE III BARRICADE
 - Ⓐ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH, WHITE
 - Ⓑ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH, YELLOW

NOTE THAT MOT SET UP AS SHOWN HERE ALONG LINE F, UNDER RAMP Q, ONLY TO BE SET UP AND FOR THE TIME NEEDED FOR CONTRACTOR TO PERFORM FIELD SPLICE NO. 15, USE IDOT DISTRICT ONE STD TC-09 USE IDOT DISTRICT ONE STD TC-17 WHEN WORKING ON FIELD SPLICE NO. 16 SEE STRUCTURAL PLANS

MAINTENANCE OF TRAFFIC SIGNING

MATCHLINE "1" SEE SHEET 3 OF 6 FOR CONTINUATION

MATCHLINE "J" SEE SHEET 5 OF 6 FOR CONTINUATION



WORKZONE TO REMAIN FOR SUBSTAGE 1A

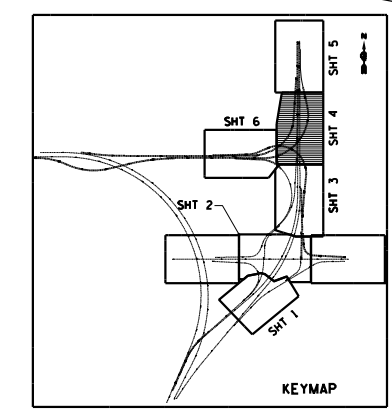
TEMPORARY PAVEMENT (10')
 - HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N70, 2"
 - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8"
 NOTE THAT THIS TEMPORARY PAVEMENT WILL REMAIN AFTER CONTRACT IS DONE

TEMPORARY CONCRETE BARRIER
 STA 80+10.0 TO STA 81+60.0
 25 SF PATCHING TO BE DONE BETWEEN THESE STATIONS

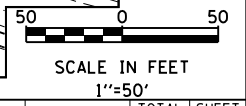
NOTE THAT MOT SET UP AS SHOWN HERE ALONG LINE C, UNDER RAMP Q, ONLY TO BE SET UP AND FOR THE TIME NEEDED FOR CONTRACTOR TO PERFORM FIELD SPLICE NO. 8, SEE STRUCTURAL PLANS FOR FIELD SPLICE NO. 9, SEE BELOW FOR MOT SET UP

MOT SET UP FOR SPLICE NO 9

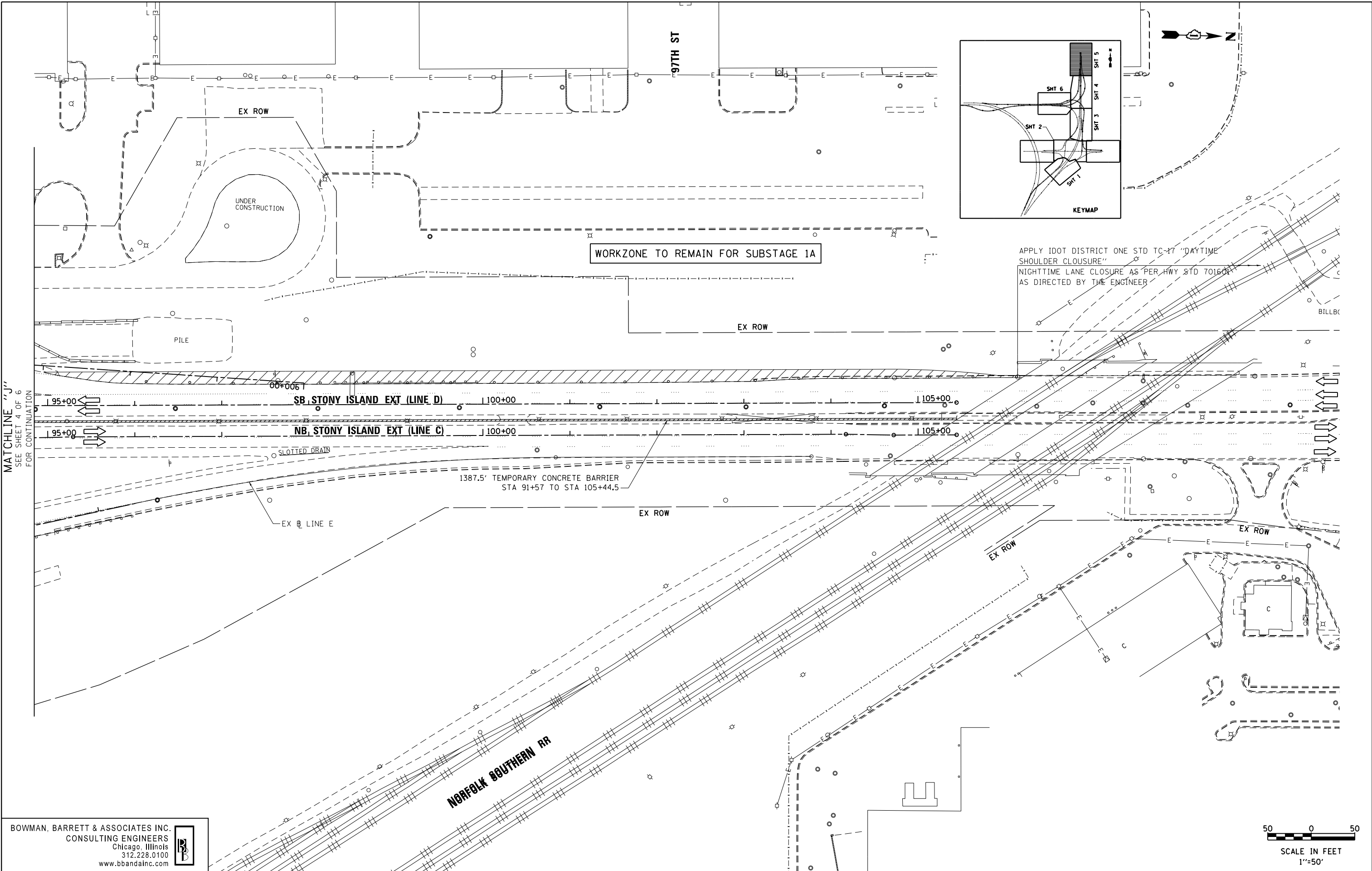
NOTE THAT MOT SET UP AS SHOWN HERE ALONG LINE C, UNDER RAMP Q, ONLY TO BE SET UP AND FOR THE TIME NEEDED FOR CONTRACTOR TO PERFORM FIELD SPLICE NO. 9, SEE STRUCTURAL PLANS USE IDOT DISTRICT ONE STD TC-09



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FILE NAME =	USER NAME = default	DESIGNED - OC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC - STAGE 1 STONY ISLAND EXTENSION			F.A.I. RTE. 94	SECTION 2012-060-BR	COUNTY COOK	TOTAL SHEETS 285	SHEET NO. 61
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	PLOT DATE = 12/7/2012	DATE = 11/08/2012	REVISED -		ILLINOIS FED. AID PROJECT							



MATCHLINE "J"
SEE SHEET 4 OF 6
FOR CONTINUATION

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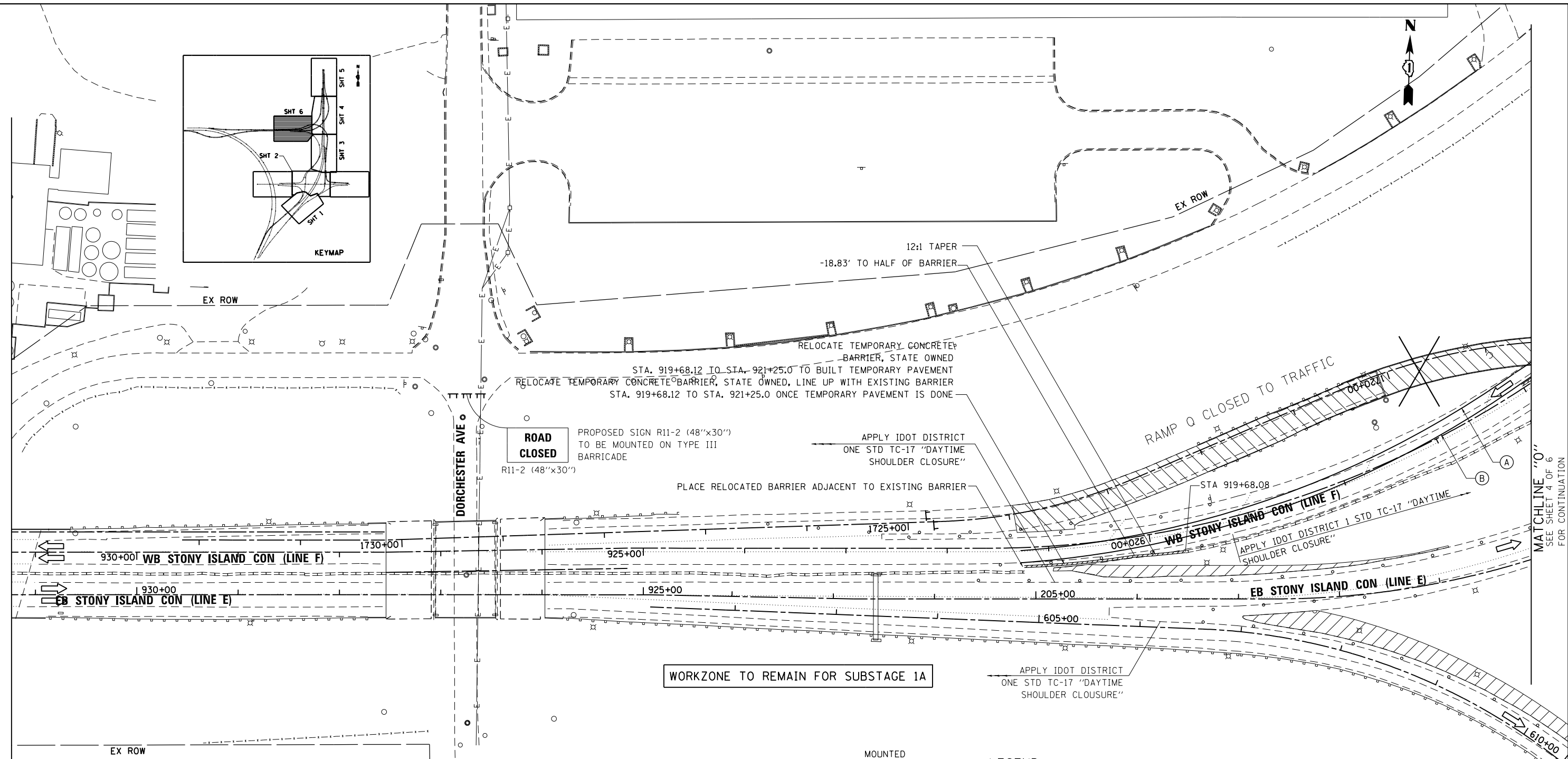
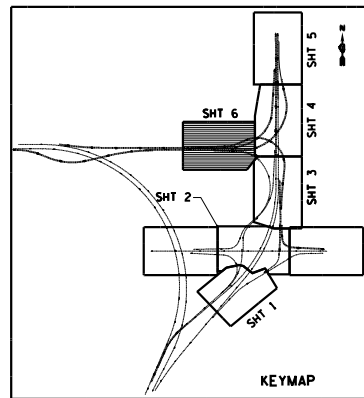
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC - STAGE 1
STONY ISLAND EXTENSION
SCALE: 1"=50' SHEET NO. 5 OF 7 SHEETS STA. TO STA.

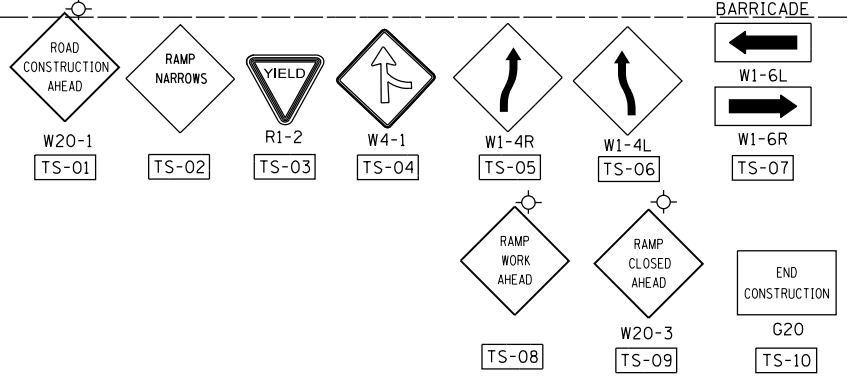
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	62
				CONTRACT NO. 60V61
ILLINOIS FED. AID PROJECT				

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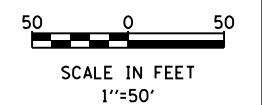
WORKZONE TO REMAIN FOR SUBSTAGE 1A

MAINTENANCE OF TRAFFIC SIGNING



- LEGEND:**
- ⊣ TRAFFIC CONTROL SIGN
 - TRAFFIC FLOW
 - ⊙ DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT (SEE MOT GENERAL NOTES FOR DRUM SPACING)
 - ▨ WORKZONE
 - ▤ TEMPORARY PAVEMENT
 - ⊥ TYPE III BARRICADE
 - ⓐ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH, WHITE
 - ⓑ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH, YELLOW

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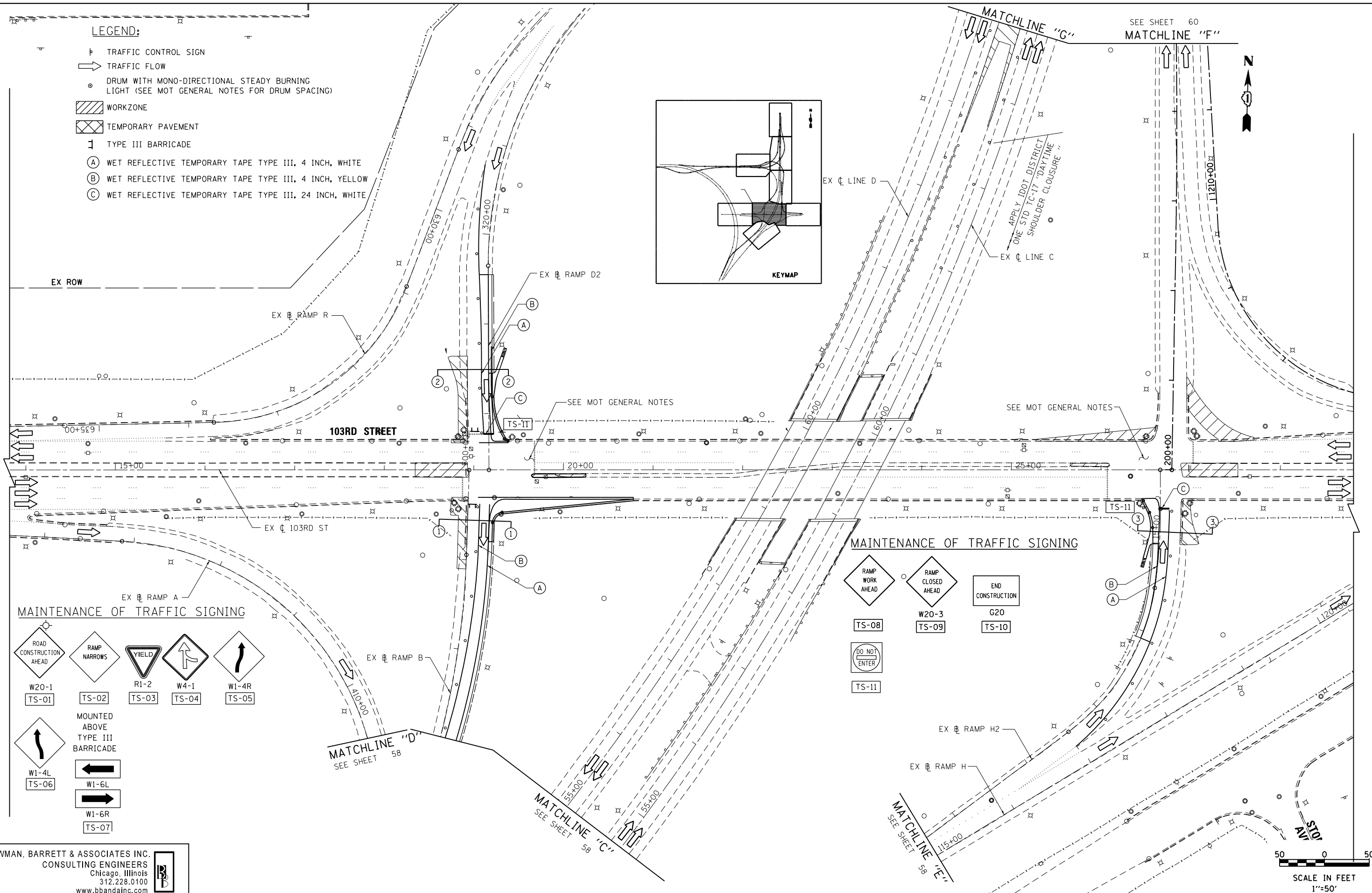


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	PLOT DATE = 12/7/2012	CHECKED -	REVISED -							ILLINOIS FED. AID PROJECT		
		DATE - 11/08/2012	REVISED -									

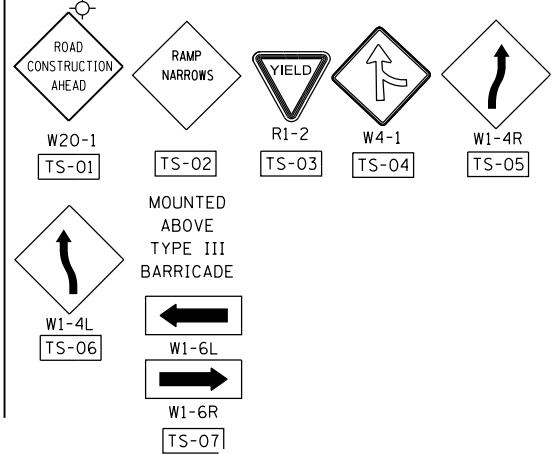
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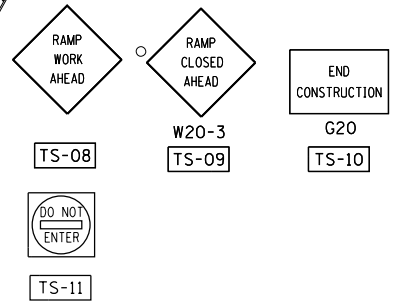
- ⊥ TRAFFIC CONTROL SIGN
- TRAFFIC FLOW
- ⊙ DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT (SEE MOT GENERAL NOTES FOR DRUM SPACING)
- ▨ WORKZONE
- ⊠ TEMPORARY PAVEMENT
- ⌊ TYPE III BARRICADE
- (A) WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH, WHITE
- (B) WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH, YELLOW
- (C) WET REFLECTIVE TEMPORARY TAPE TYPE III, 24 INCH, WHITE



MAINTENANCE OF TRAFFIC SIGNING



MAINTENANCE OF TRAFFIC SIGNING



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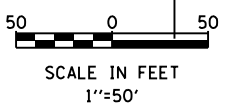
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

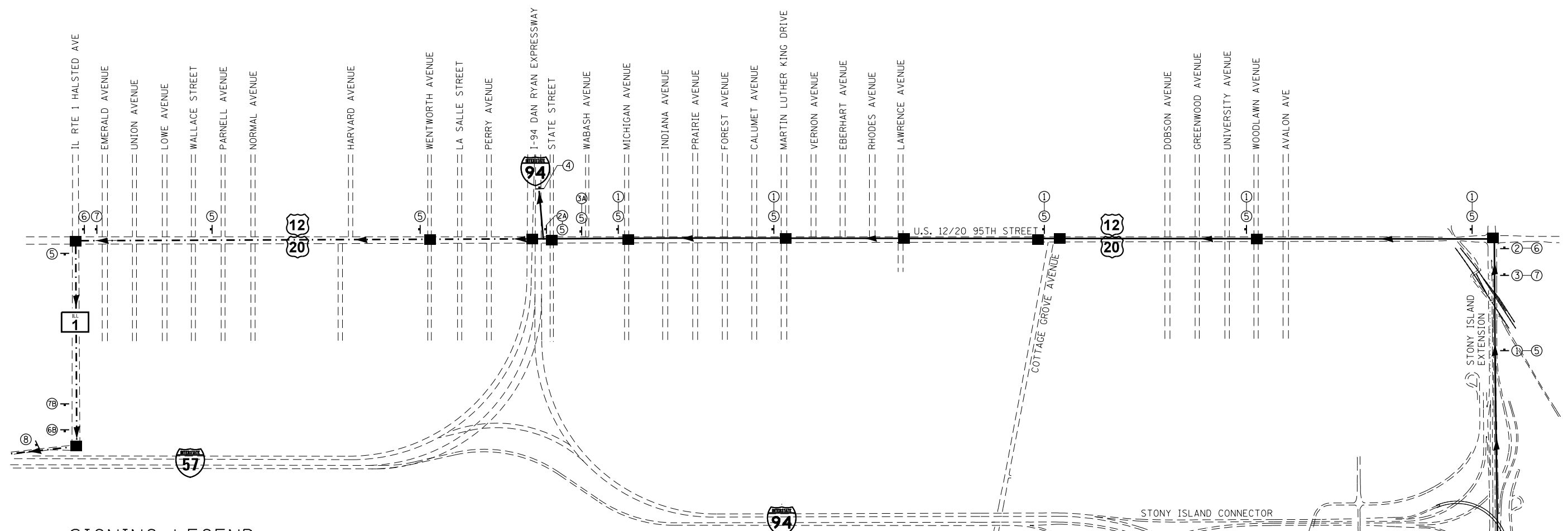
**MAINTENANCE OF TRAFFIC - STAGE 1A
 103RD STREET**

SCALE: 1"=50' SHEET NO. 7 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	64
CONTRACT NO. 60V61				
ILLINOIS FED. AID PROJECT				



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SIGNING LEGEND

						M4-8g, (24x18)		M6-3, (21x15)	
						M4-8, (24x12)		M5-1L, (21x15)	
						M3-3, (24x12)		M6-1, (21x15)	
						M3-4, (24x12)			
						M1-1, (24x24)			

RAMP CLOSURE ADVANCE WARNING SIGN, SEE DISTRICT ONE STANDARD TC-08

TEMPORARY TRAFFIC SIGNAL TIMING (SEE SPECIAL PROVISIONS)

RAMP CLOSURE ADVANCE WARNING SIGN, SEE DISTRICT ONE STANDARD TC-08

NORTH Stony Island Ave

RAMP CLOSED Chicago Loop

* MOUNTED ABOVE TYPE III BARRICADE AS PER IDOT DISTRICT ONE STD TC-21

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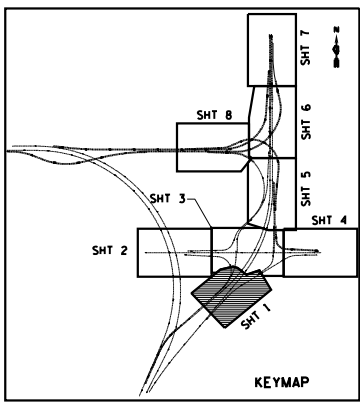
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: NA		SHEET NO. 1 OF 2 SHEETS		STA. NA	TO STA. NA
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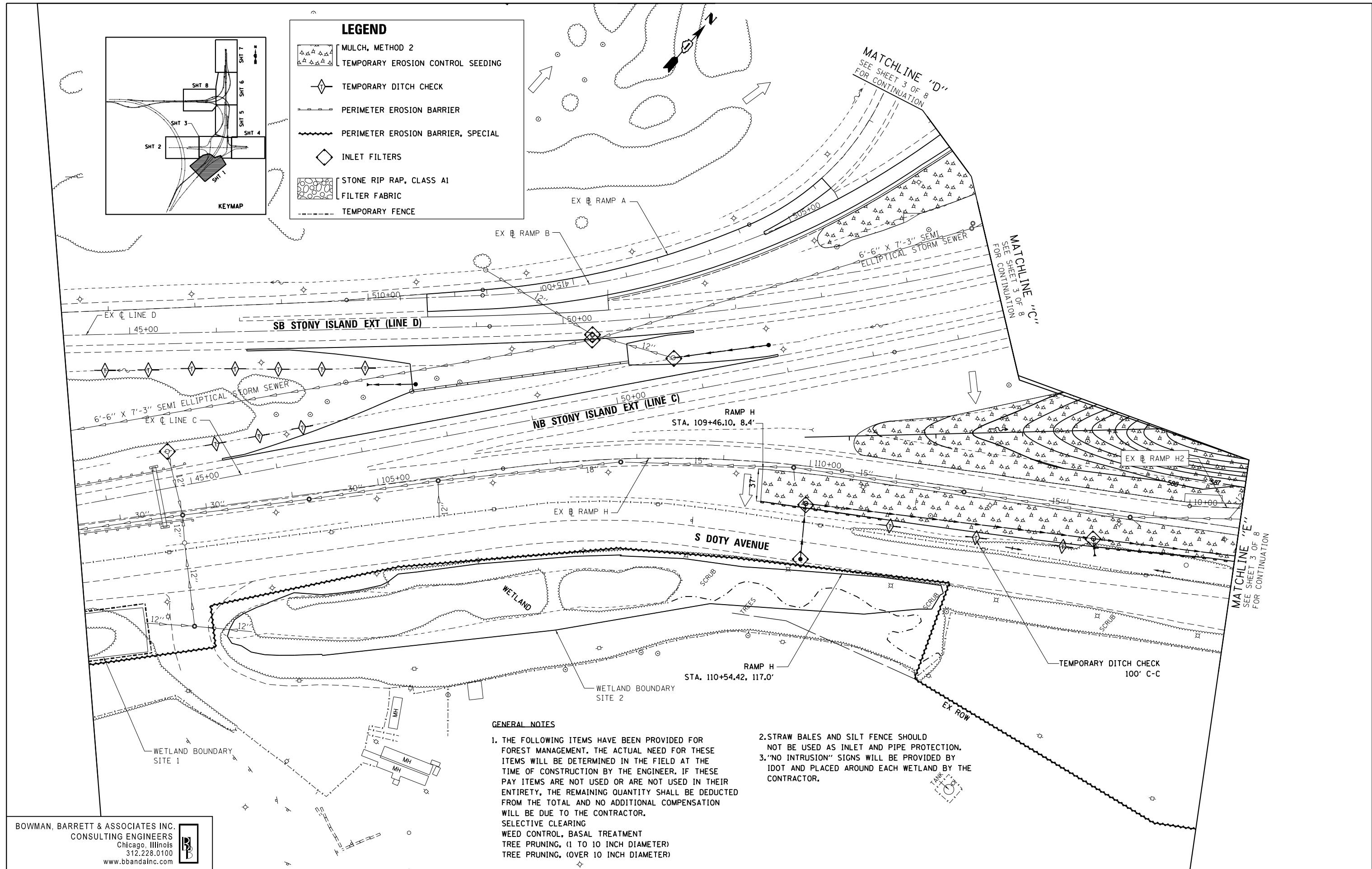
F.A.I. RTE. 94	SECTION 2012-060-BR	COUNTY COOK	TOTAL SHEETS 285	SHEET NO. 65
CONTRACT NO. 60V61				
ILLINOIS FED. AID PROJECT				

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LEGEND

- MULCH, METHOD 2
- TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- PERIMETER EROSION BARRIER, SPECIAL
- INLET FILTERS
- STONE RIP RAP, CLASS A1
- FILTER FABRIC
- TEMPORARY FENCE



GENERAL NOTES

1. THE FOLLOWING ITEMS HAVE BEEN PROVIDED FOR FOREST MANAGEMENT. THE ACTUAL NEED FOR THESE ITEMS WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. IF THESE PAY ITEMS ARE NOT USED OR ARE NOT USED IN THEIR ENTIRETY, THE REMAINING QUANTITY SHALL BE DEDUCTED FROM THE TOTAL AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
 SELECTIVE CLEARING
 WEED CONTROL, BASAL TREATMENT
 TREE PRUNING, (1 TO 10 INCH DIAMETER)
 TREE PRUNING, (OVER 10 INCH DIAMETER)
2. STRAW BALES AND SILT FENCE SHOULD NOT BE USED AS INLET AND PIPE PROTECTION.
3. "NO INTRUSION" SIGNS WILL BE PROVIDED BY IDOT AND PLACED AROUND EACH WETLAND BY THE CONTRACTOR.

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FILE NAME =	USER NAME = default	DESIGNED -	PTG	REVISED -	
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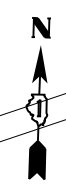
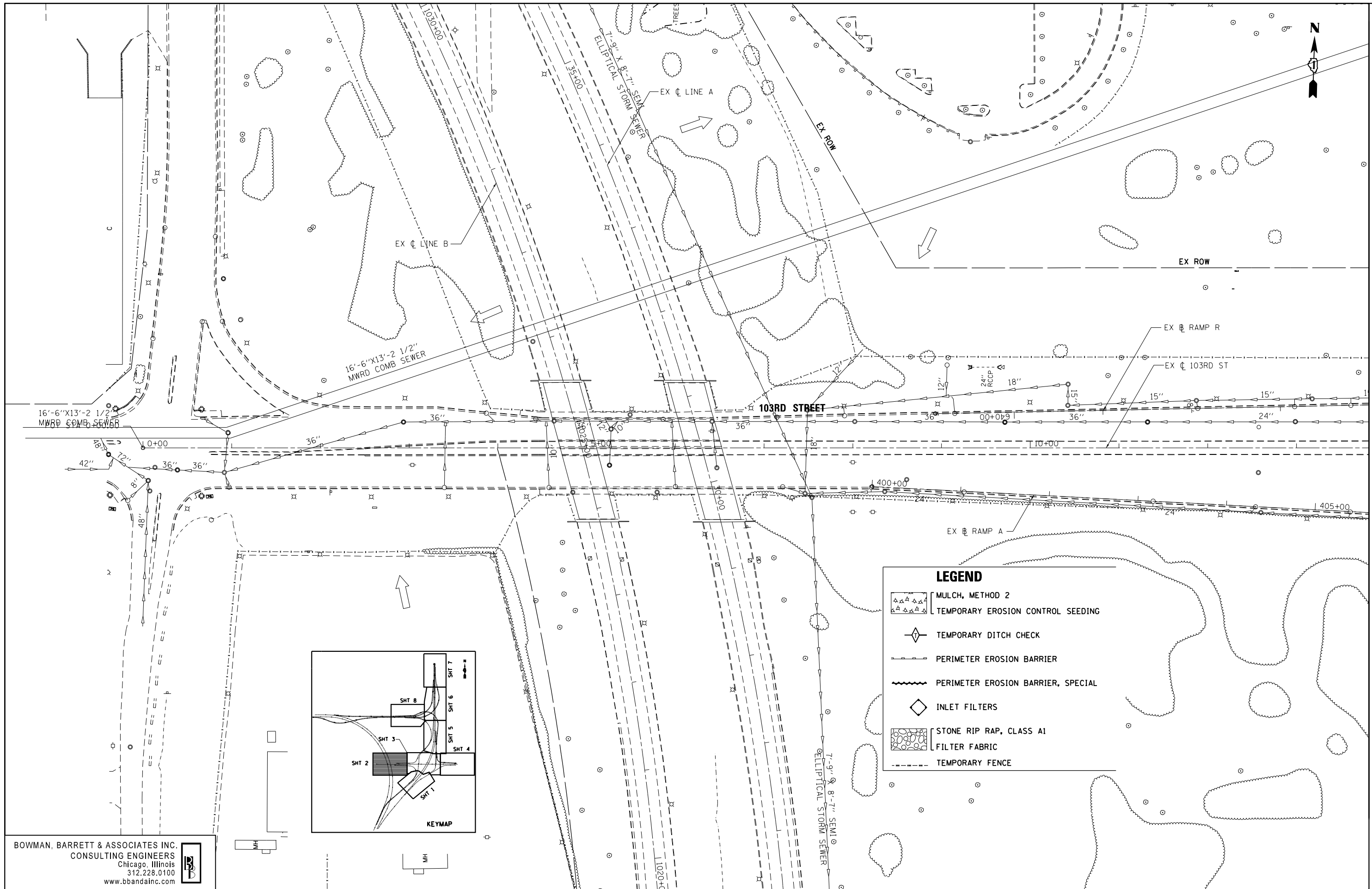
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN
 STONY ISLAND EXTENSION**

SCALE: 1"=50' SHEET NO. 1 OF 8 SHEETS STA. TO STA.

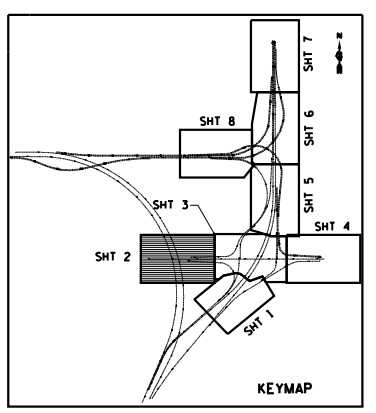
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	67
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	

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LEGEND

	MULCH, METHOD 2
	TEMPORARY EROSION CONTROL SEEDING
	TEMPORARY DITCH CHECK
	PERIMETER EROSION BARRIER
	PERIMETER EROSION BARRIER, SPECIAL
	INLET FILTERS
	STONE RIP RAP, CLASS A1
	FILTER FABRIC
	TEMPORARY FENCE



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN
 103RD STREET**

SCALE: 1"=50' SHEET NO. 2 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	68
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	

MATCHLINE "P"
 SEE SHEET 3 OF 8
 FOR CONTINUATION

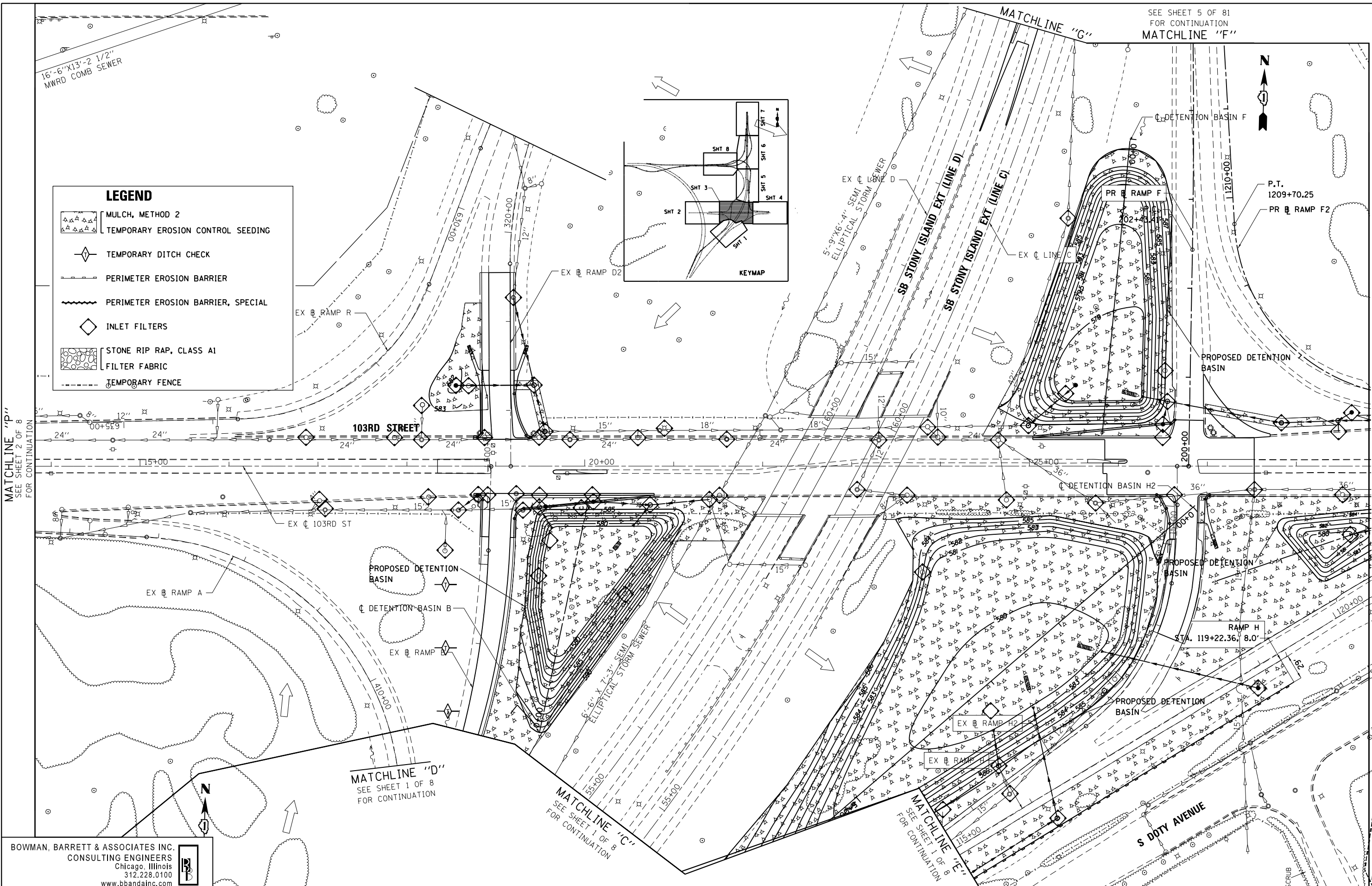
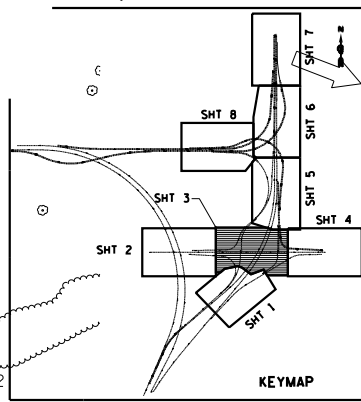
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SEE SHEET 5 OF 81
FOR CONTINUATION
MATCHLINE "F"



LEGEND

	MULCH, METHOD 2
	TEMPORARY EROSION CONTROL SEEDING
	TEMPORARY DITCH CHECK
	PERIMETER EROSION BARRIER
	PERIMETER EROSION BARRIER, SPECIAL
	INLET FILTERS
	STONE RIP RAP, CLASS A1
	FILTER FABRIC
	TEMPORARY FENCE



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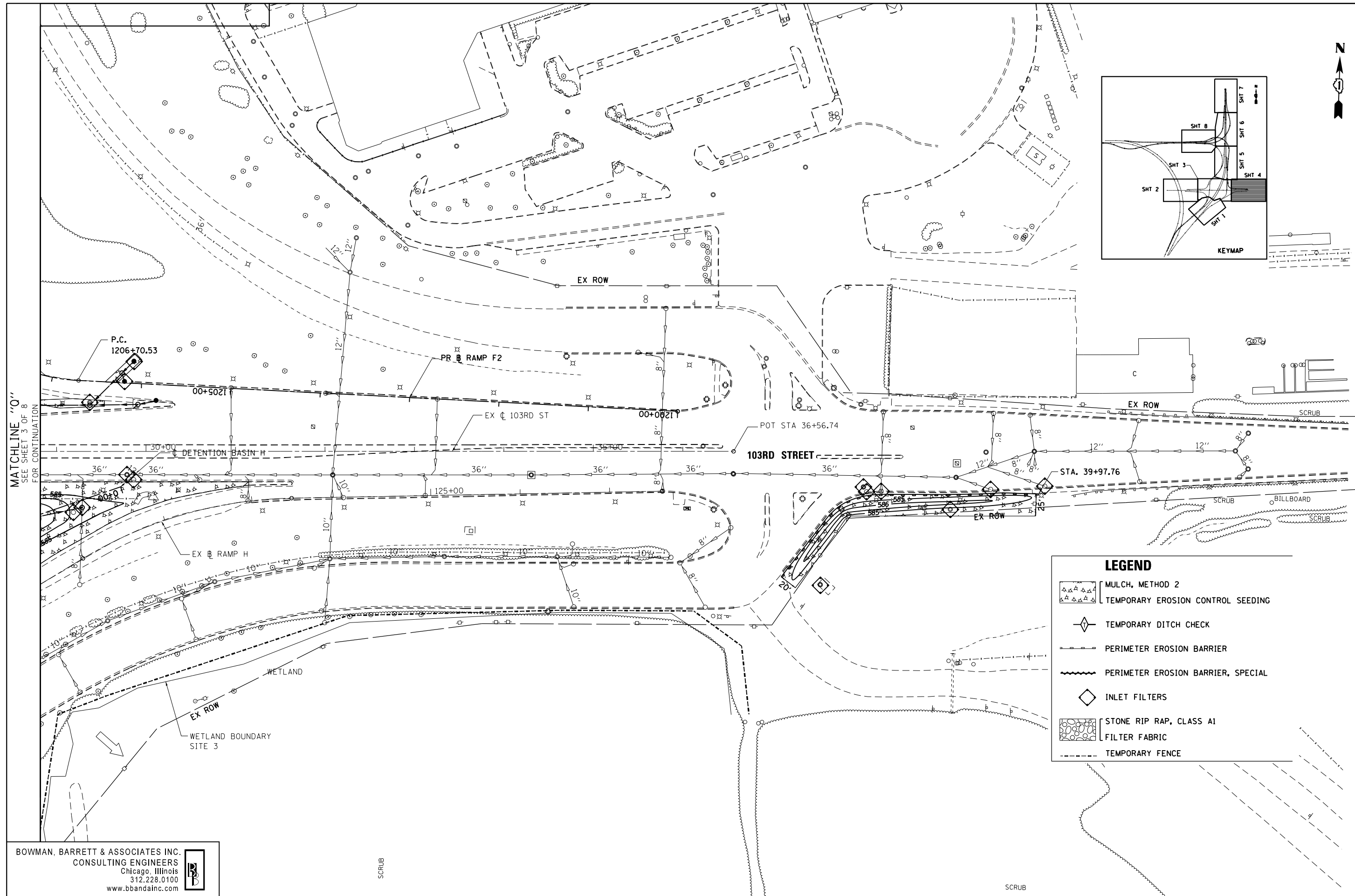
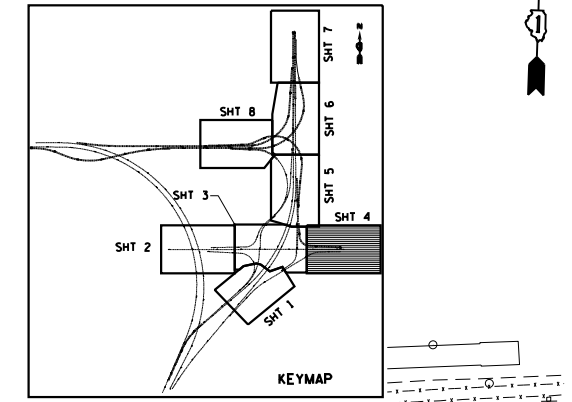
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN	
103RD STREET	
SCALE: 1"=50'	SHEET NO. 3 OF 8 SHEETS
STA. TO STA.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	69
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	

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LEGEND

	MULCH, METHOD 2
	TEMPORARY EROSION CONTROL SEEDING
	TEMPORARY DITCH CHECK
	PERIMETER EROSION BARRIER
	PERIMETER EROSION BARRIER, SPECIAL
	INLET FILTERS
	STONE RIP RAP, CLASS A1
	FILTER FABRIC
	TEMPORARY FENCE

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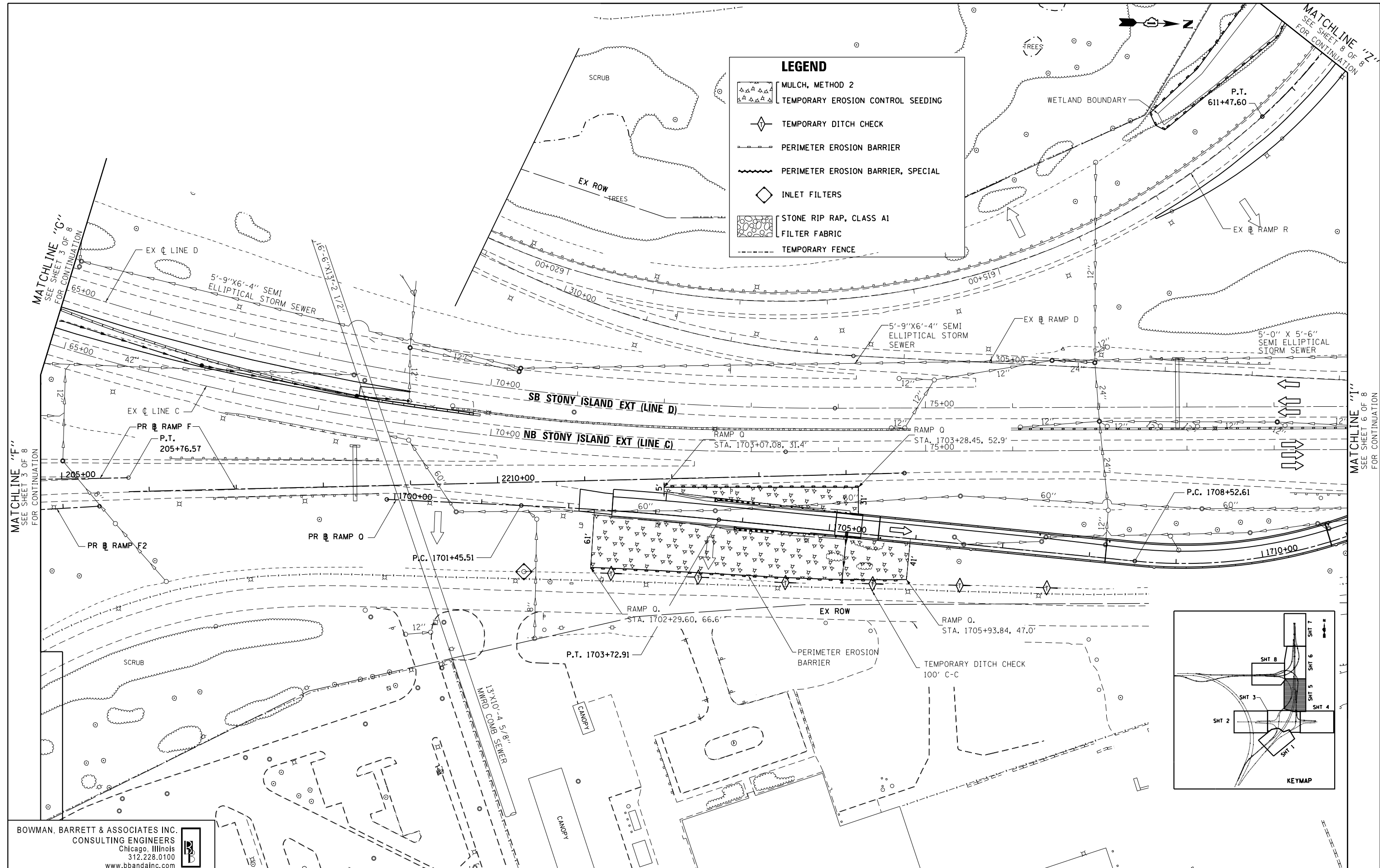
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN
 103RD STREET**

SCALE: 1"=50'	SHEET NO. 4 OF 8 SHEETS	STA. TO STA.
---------------	-------------------------	--------------

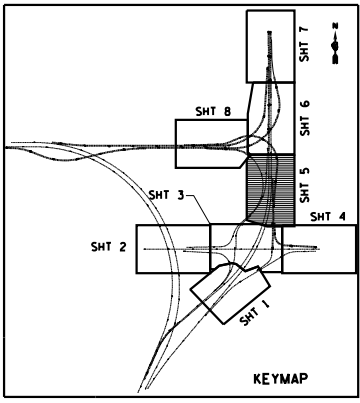
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	70
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	

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LEGEND

- MULCH, METHOD 2
- TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- PERIMETER EROSION BARRIER, SPECIAL
- INLET FILTERS
- STONE RIP RAP, CLASS A1
- FILTER FABRIC
- TEMPORARY FENCE



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FILE NAME =	USER NAME = default	DESIGNED -	PTG	REVISED -	
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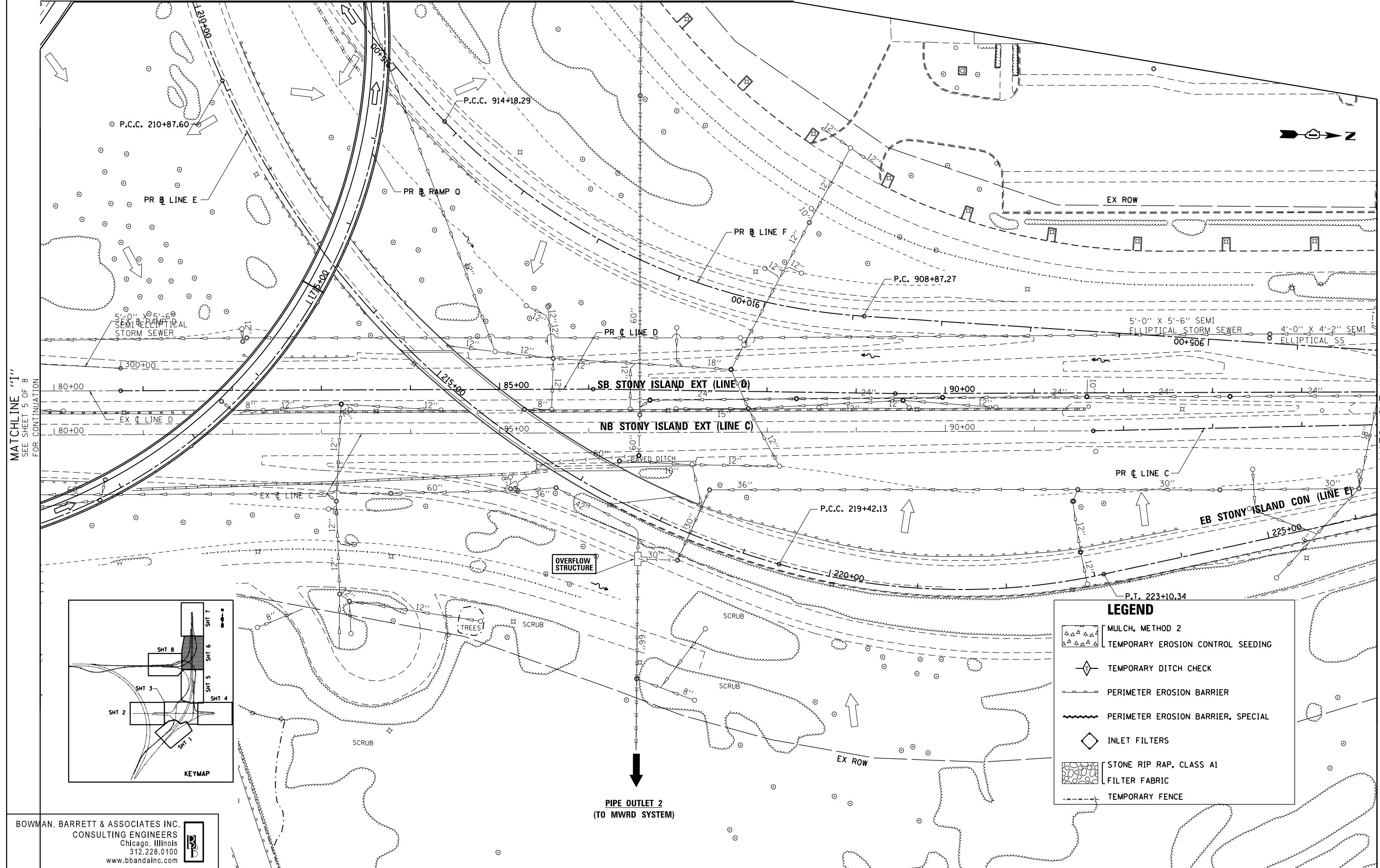
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN
 STONY ISLAND EXTENSION**

SCALE: 1"=50' SHEET NO. 5 OF 8 SHEETS STA. TO STA.

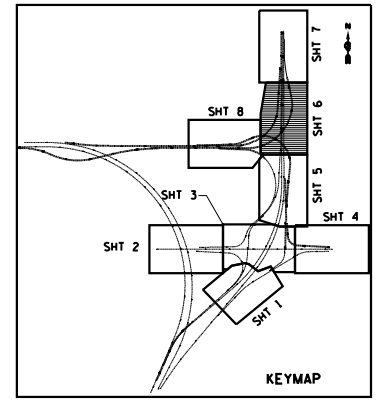
F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	71
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	

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MATCHLINE "I" SEE SHEET 5 OF 8 FOR CONTINUATION

MATCHLINE "J" SEE SHEET 7 OF 8 FOR CONTINUATION



LEGEND	
	MULCH, METHOD 2
	TEMPORARY EROSION CONTROL SEEDING
	TEMPORARY DITCH CHECK
	PERIMETER EROSION BARRIER
	PERIMETER EROSION BARRIER, SPECIAL
	INLET FILTERS
	STONE RIP RAP, CLASS A1
	FILTER FABRIC
	TEMPORARY FENCE

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PIPE OUTLET 2
 (TO MWRD SYSTEM)

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	PLOT DATE = 12/7/2012	DATE - 11/08/2012	REVISED -

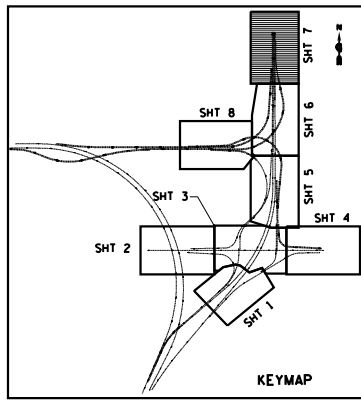
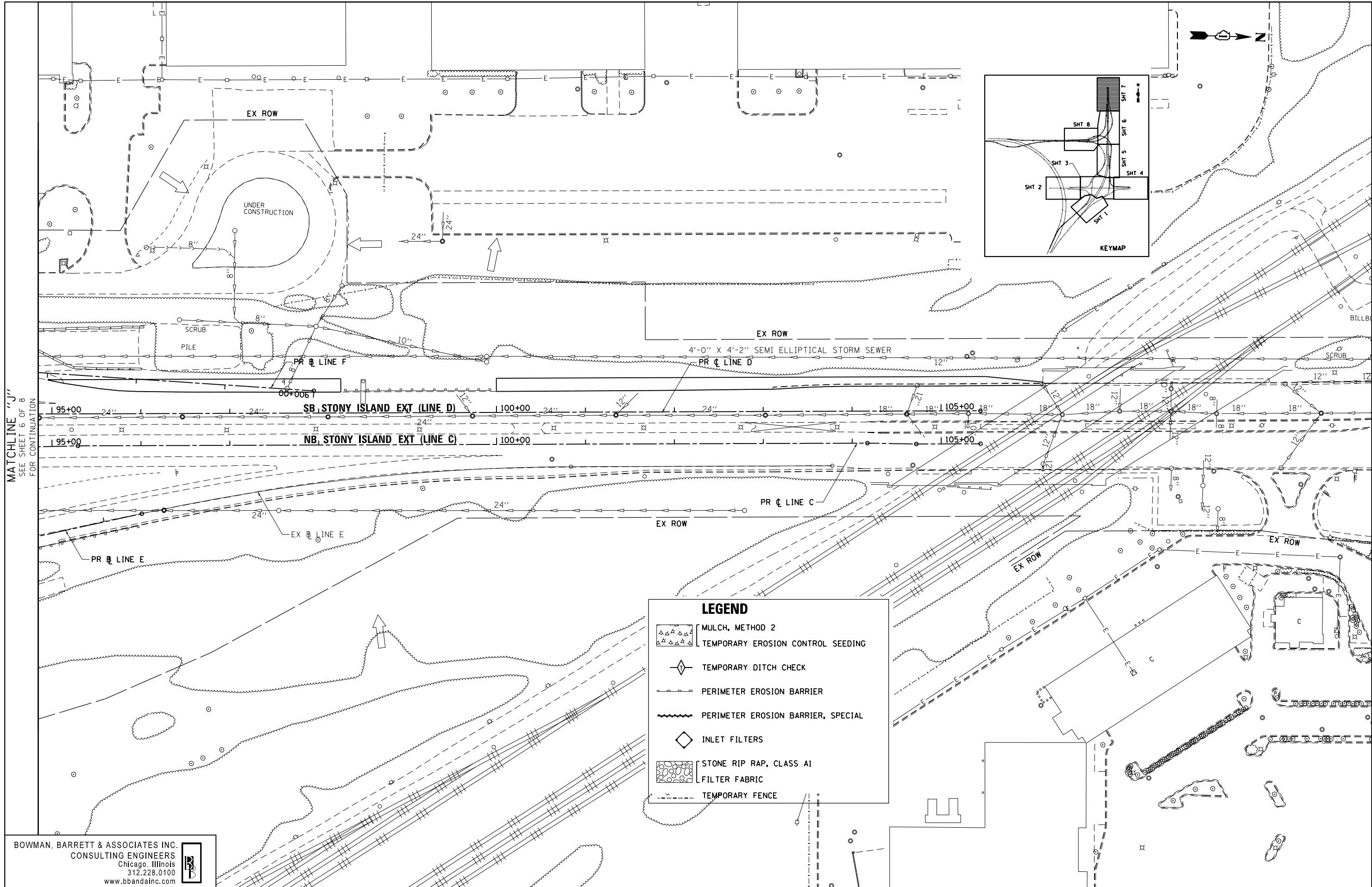
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
 STONY ISLAND EXTENSION

SCALE: 1"=50' SHEET NO. 6 OF 8 SHEETS STA. TO STA.










F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	72
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	

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MATCHLINE "J"
SEE SHEET 6 OF 8
FOR CONTINUATION

LEGEND

-  MULCH, METHOD 2
-  TEMPORARY EROSION CONTROL SEEDING
-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER
-  PERIMETER EROSION BARRIER, SPECIAL
-  INLET FILTERS
-  STONE RIP RAP, CLASS A1
-  FILTER FABRIC
-  TEMPORARY FENCE

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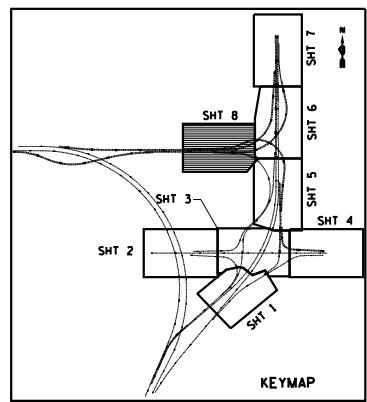
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN
STONY ISLAND EXTENSION**

SCALE: 1"=50' SHEET NO. 7 OF 8 SHEETS STA. TO STA.

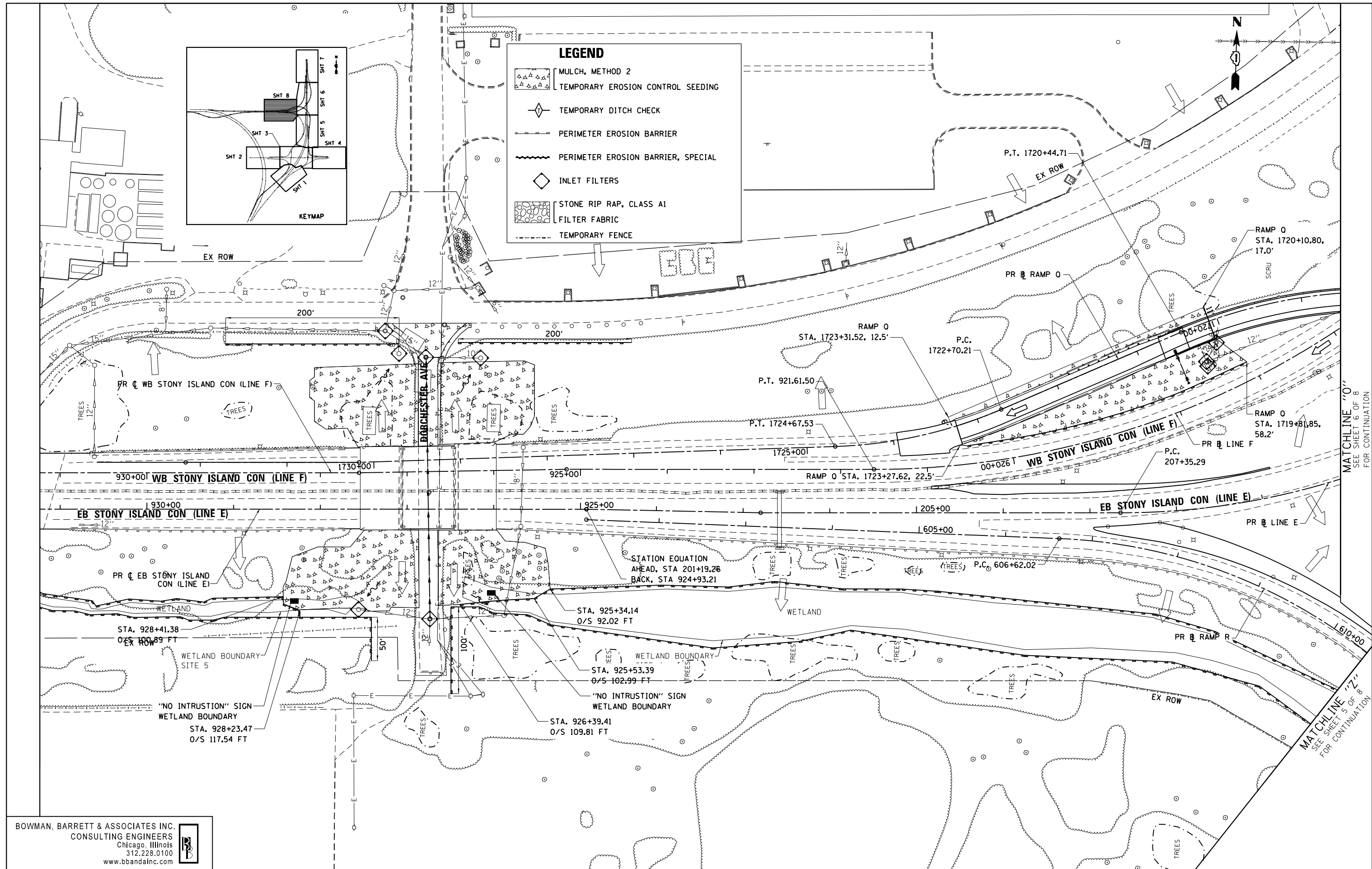
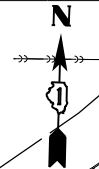
F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	73
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	

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LEGEND

- MULCH, METHOD 2
- TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- PERIMETER EROSION BARRIER, SPECIAL
- INLET FILTERS
- STONE RIP RAP, CLASS A1
- FILTER FABRIC
- TEMPORARY FENCE



MATCHLINE "0"
SEE SHEET 6 OF 8
FOR CONTINUATION

MATCHLINE "Z"
SEE SHEET 5 OF 8
FOR CONTINUATION

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FILE NAME =	USER NAME = default	DESIGNED -	PTG	REVISED -	
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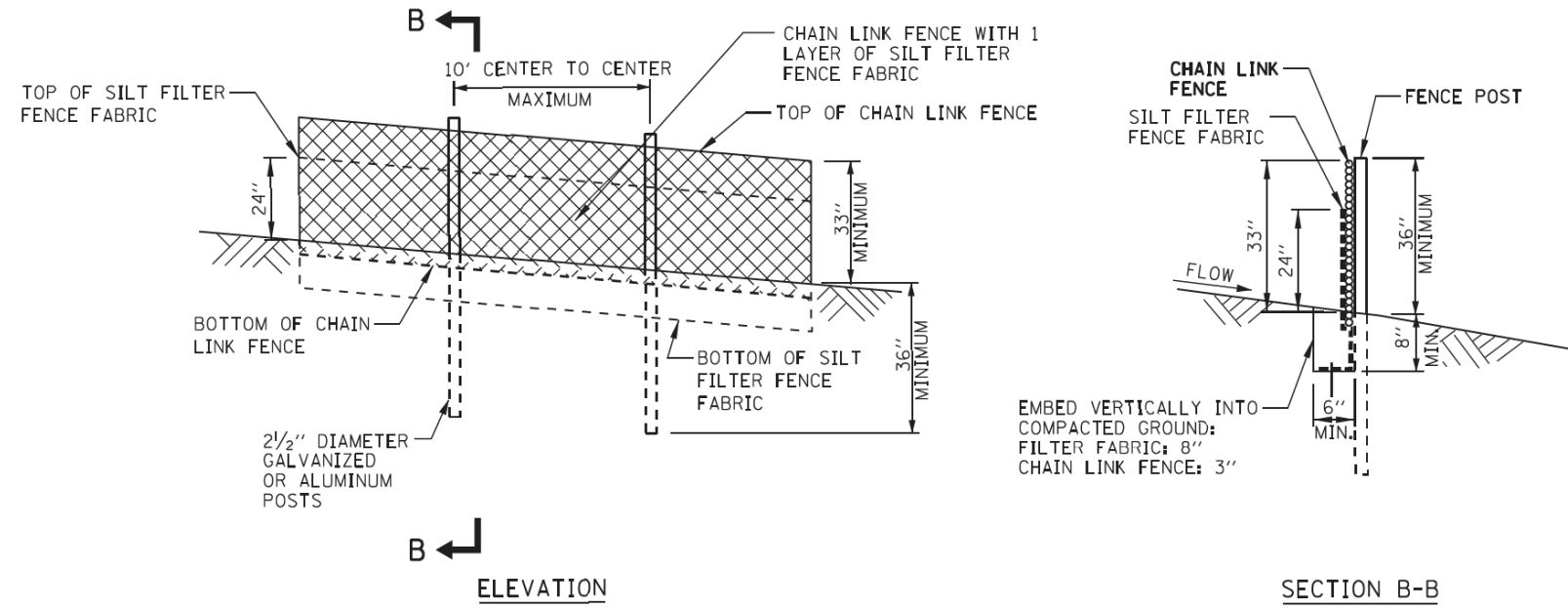
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN
STONY ISLAND CONNECTOR**

SCALE: 1"=50' SHEET NO. 8 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	74
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	

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NOTES:

1. FENCING SHALL BE 36" IN HEIGHT AND CONSTRUCTED IN ACCORDANCE WITH IDOT STANDARD 664001. THE STANDARD SPECIFICATION FOR A 6' FENCE SHALL BE USED, SUBSTITUTING 36" FABRIC AND 6' LENGTH POSTS.
2. CHAIN LINK FENCE SHALL BE FASTENED SECURELY TO THE FENCE POSTS WITH WIRE TIES. THE LOWER TENSION WIRE, BRACE AND TRUSS RODS, DRIVE ANCHORS AND POST CAPS ARE NOT REQUIRED. ALL POSTS FOR PERIMETER EROSION BARRIER, SPECIAL SHALL BE LINE POSTS. PULL POSTS, CORNER POSTS, HORIZONTAL BRACING AND TIE RODS ARE NOT REQUIRED.
3. SILT FILTER FENCE FABRIC SHALL BE FASTENED SECURELY TO THE CHAIN LINK FENCE WITH TIES SPACED EVERY 24" AT THE TOP AND MID SECTION.
4. WHEN TWO SECTIONS OF SILT FILTER FENCE FABRIC ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED 2' HORIZONTALLY.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED. SILT BUILD-UP AGAINST FENCE SHALL BE INSPECTED AFTER EVERY STORM EVENT AND REMOVED WHEN SILT REACHES 50% OF FENCE HEIGHT.
6. SILT FILTER FENCE FABRIC SHALL CONFROM TO THE STANDARD SPECIFICATIONS.
7. PERIMETER EROSION BARRIER, SPECIAL IS TO BE USED TO PROTECT ENVIRONMENTALLY SENSITIVE AREAS. CONTROL SEDIMENT RUNOFF FROM CONSTRUCTION SITES WHEN ADDITION REINFORCEMENT IS REQUIRED DUE TO THE SLOPE OF SITE OR VOLUME OF STORM WATER RUNOFF.

PERIMETER EROSION BARRIER, SPECIAL

STANDARD SYMBOL



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

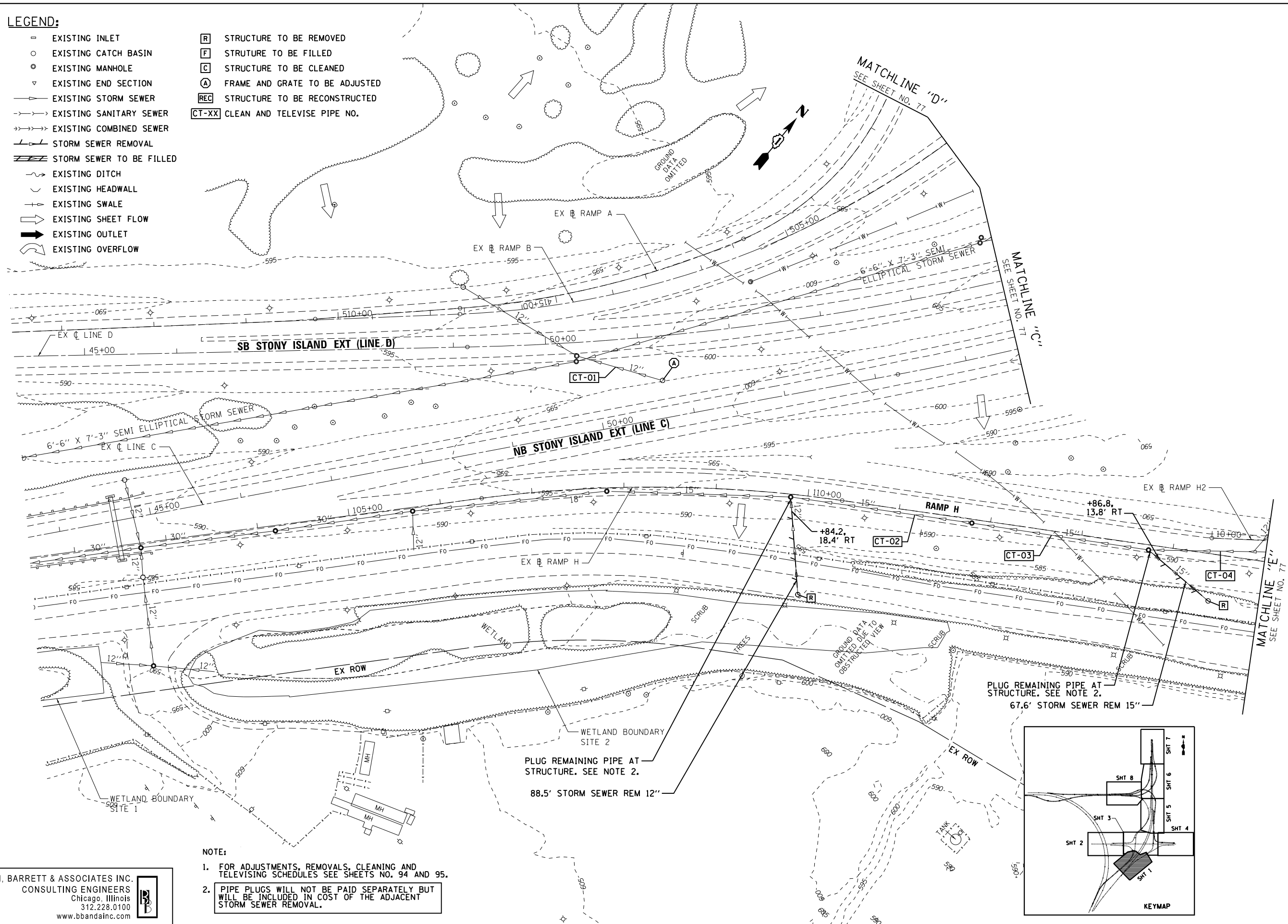
EROSION CONTROL PLAN STANDARDS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		94	2012-060-BR	COOK	285	74A
SCALE: 1"=50'		SHEET NO. 1 OF 1 SHEETS		STA.	TO STA.	

CONTRACT NO. 60V61	
ILLINOIS FED. AID PROJECT	

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LEGEND:

- ◻ EXISTING INLET
- EXISTING CATCH BASIN
- ⊙ EXISTING MANHOLE
- ▽ EXISTING END SECTION
- ▶ EXISTING STORM SEWER
- - -▶ EXISTING SANITARY SEWER
- - -▶ EXISTING COMBINED SEWER
- ▬ STORM SEWER REMOVAL
- ▬ STORM SEWER TO BE FILLED
- ~ EXISTING DITCH
- ⌒ EXISTING HEADWALL
- ⊥ EXISTING SWALE
- ⇨ EXISTING SHEET FLOW
- ➔ EXISTING OUTLET
- ↪ EXISTING OVERFLOW
- ◻ R STRUCTURE TO BE REMOVED
- ◻ F STRUCTURE TO BE FILLED
- ◻ C STRUCTURE TO BE CLEANED
- ◻ A FRAME AND GRATE TO BE ADJUSTED
- ◻ REC STRUCTURE TO BE RECONSTRUCTED
- CT-XX CLEAN AND TELEVISION PIPE NO.



- NOTE:**
1. FOR ADJUSTMENTS, REMOVALS, CLEANING AND TELEVISION SCHEDULES SEE SHEETS NO. 94 AND 95.
 2. PIPE PLUGS WILL NOT BE PAID SEPARATELY BUT WILL BE INCLUDED IN COST OF THE ADJACENT STORM SEWER REMOVAL.

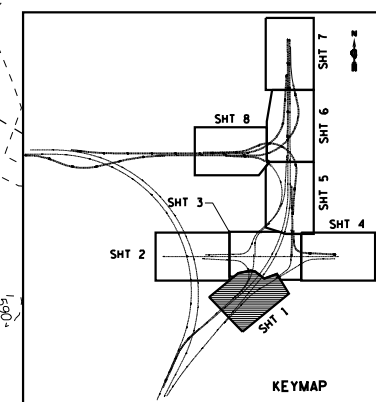
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	DATE - 11/08/2012	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

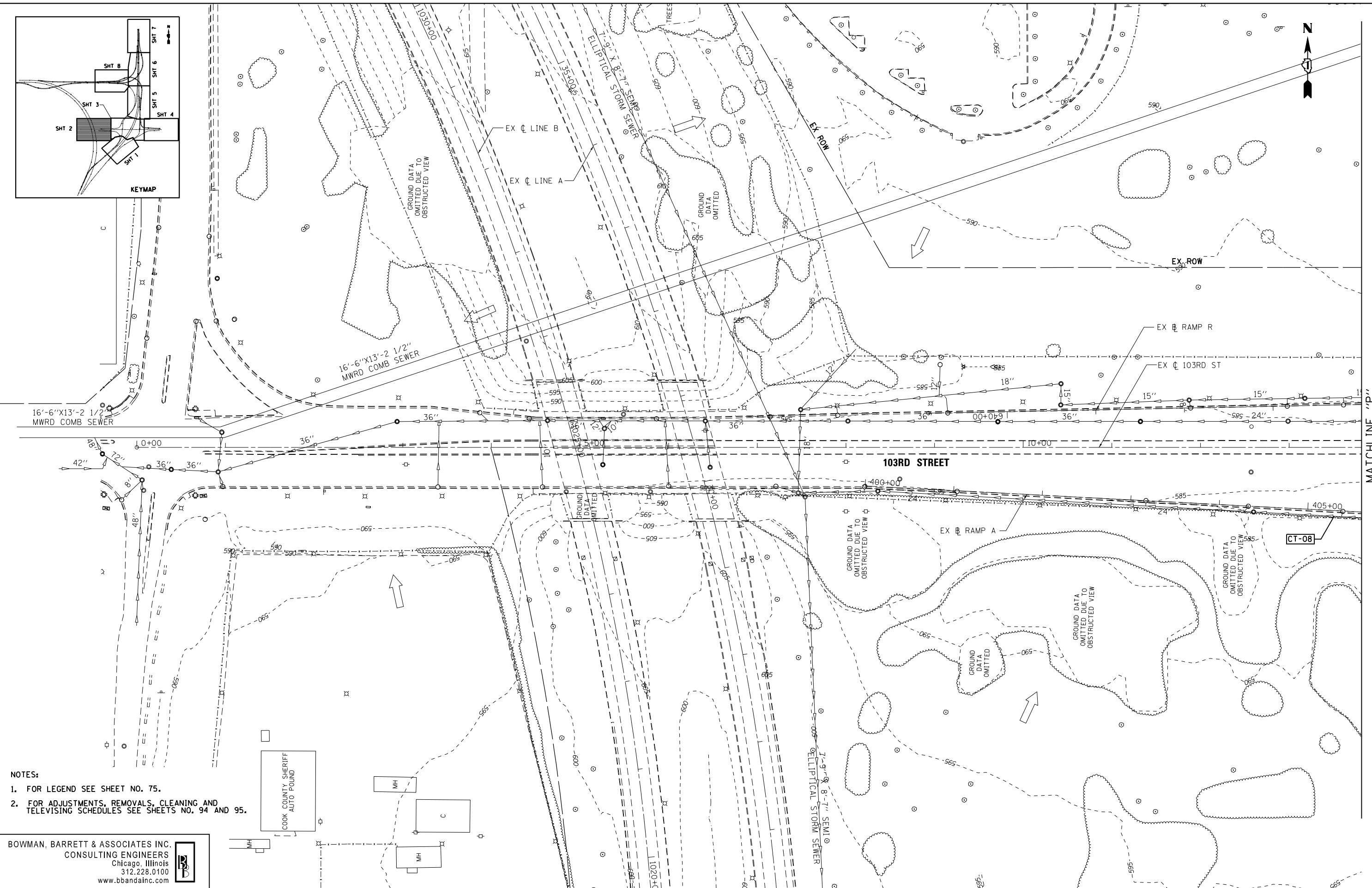
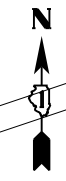
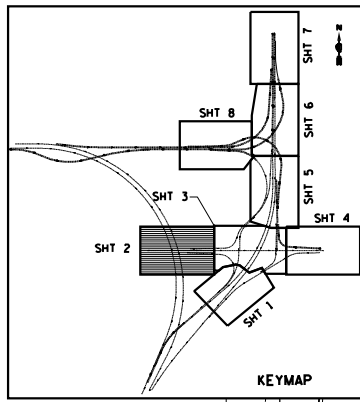
**EXISTING DRAINAGE PLAN
 STONY ISLAND EXTENSION**

SCALE: 1"=50' SHEET NO. 1 OF 8 SHEETS STA. TO STA.



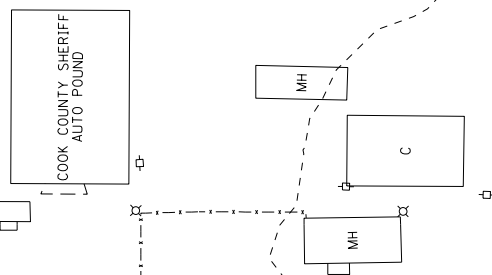
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	75
CONTRACT NO. 60V61				
ILLINOIS FED. AID PROJECT				

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- NOTES:**
- FOR LEGEND SEE SHEET NO. 75.
 - FOR ADJUSTMENTS, REMOVALS, CLEANING AND TELEVISIONING SCHEDULES SEE SHEETS NO. 94 AND 95.

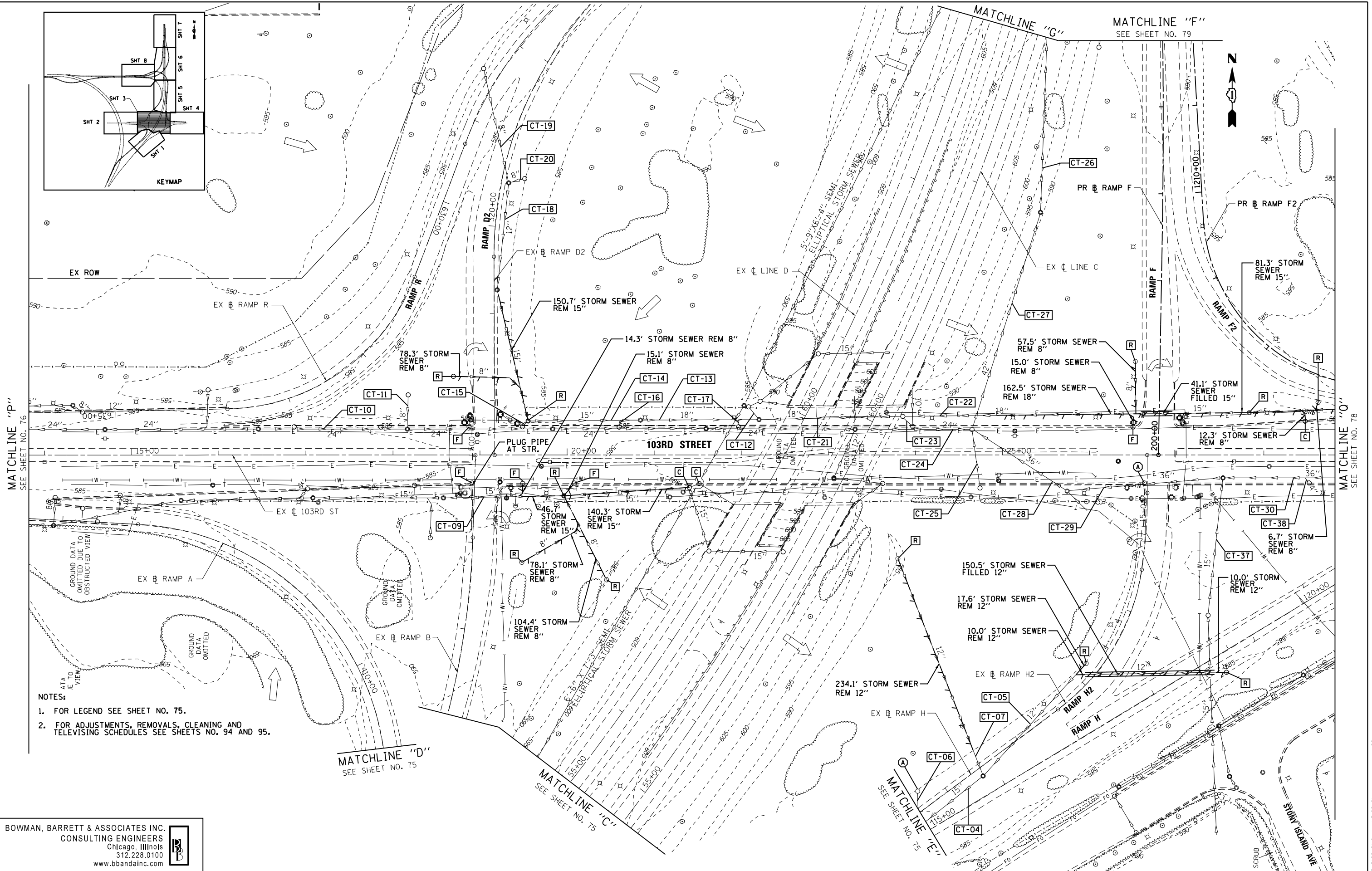
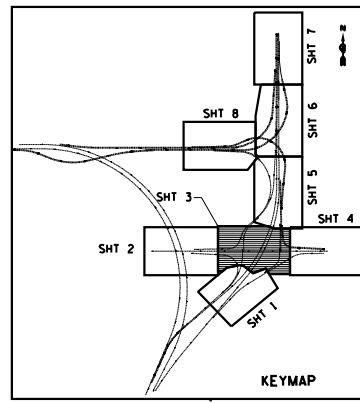
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MATCHLINE "P"
 SEE SHEET NO. 77

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PLOT DATE = 12/7/2012	DATE = 11/08/2012	REVISED -	REVISED -	SCALE: 1"=50'		SHEET NO. 2 OF 8 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			

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NOTES:

1. FOR LEGEND SEE SHEET NO. 75.
2. FOR ADJUSTMENTS, REMOVALS, CLEANING AND TELEVISION SCHEDULES SEE SHEETS NO. 94 AND 95.

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FILE NAME =
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 DATE - 11/08/2012

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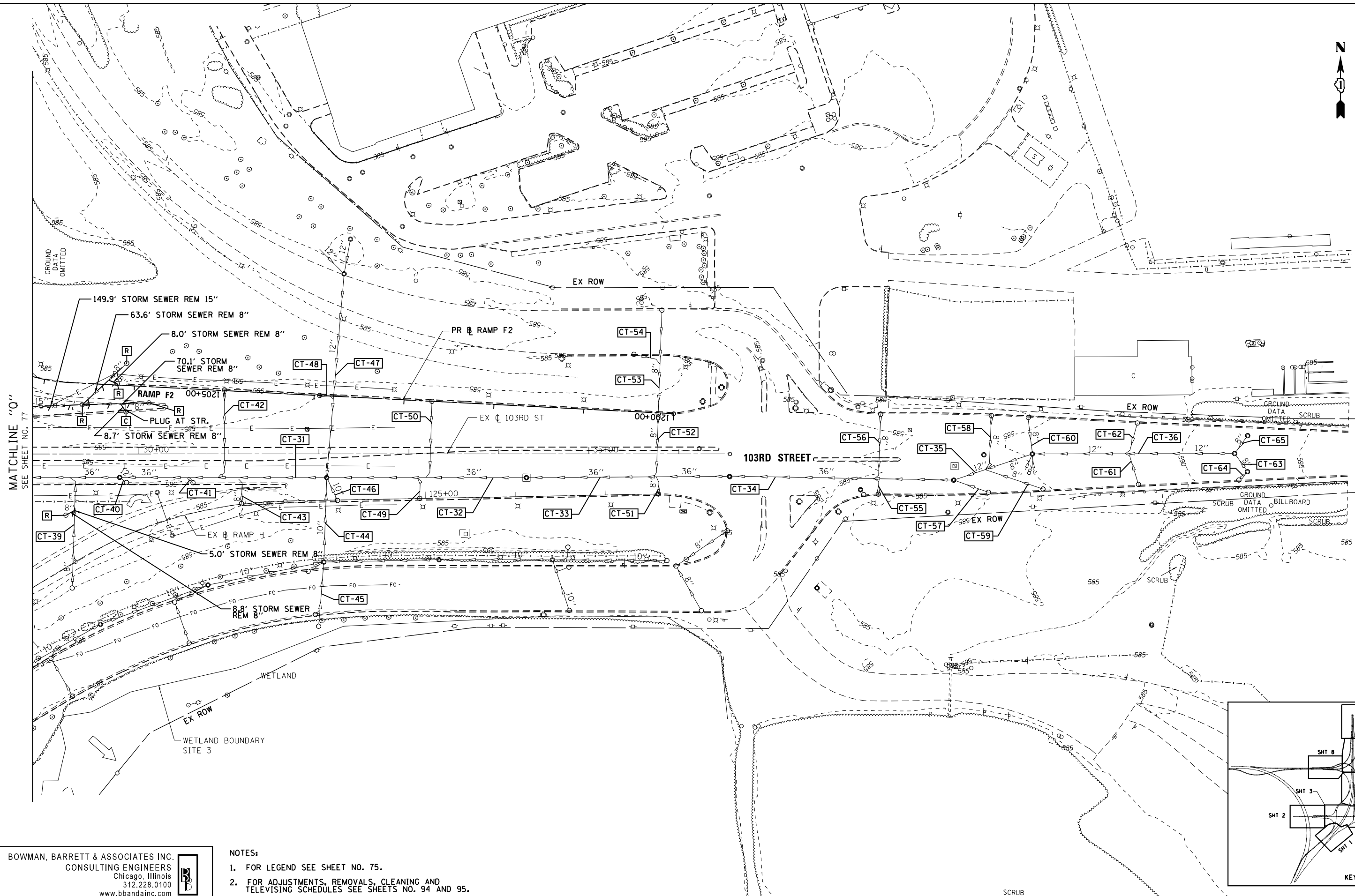
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXISTING DRAINAGE PLAN
 103RD STREET**

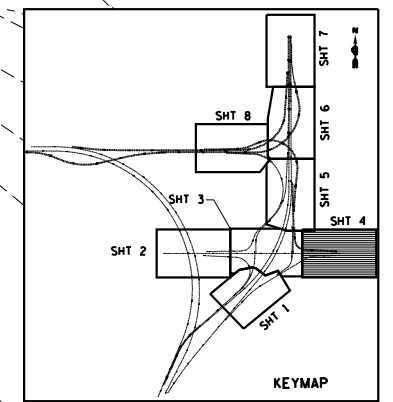
SCALE: 1"=50' SHEET NO. 3 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	77
CONTRACT NO. 60V61				
ILLINOIS FED. AID PROJECT				

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MATCHLINE "O"
SEE SHEET NO. 77



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- NOTES:
1. FOR LEGEND SEE SHEET NO. 75.
 2. FOR ADJUSTMENTS, REMOVALS, CLEANING AND TELEVISIONING SCHEDULES SEE SHEETS NO. 94 AND 95.

FILE NAME =	USER NAME = default	DESIGNED - JAM	REVISED -
*FILE#		DRAWN - JAM	REVISED -
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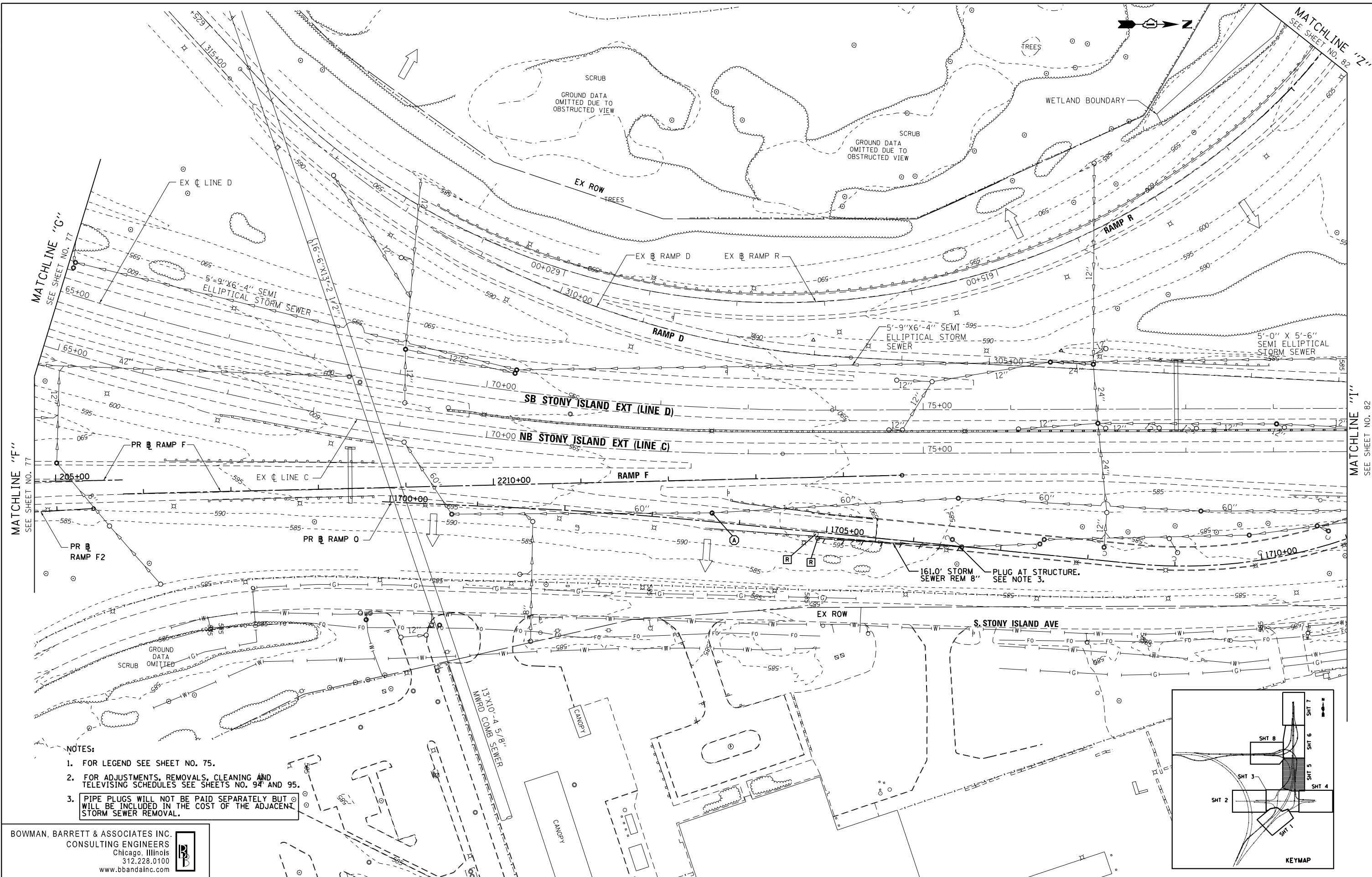
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING DRAINAGE PLAN
103RD STREET

SCALE: 1"=50' SHEET NO. 4 OF 8 SHEETS STA. TO STA.

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	78
CONTRACT NO. 60V61				
ILLINOIS FED. AID PROJECT				

SV:1072-05_CADD\0168\01_Sheets\0168\01-akt-exist.dwg



- NOTES:
1. FOR LEGEND SEE SHEET NO. 75.
 2. FOR ADJUSTMENTS, REMOVALS, CLEANING AND TELEVISION SCHEDULES SEE SHEETS NO. 94 AND 95.
 3. PIPE PLUGS WILL NOT BE PAID SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE ADJACENT STORM SEWER REMOVAL.

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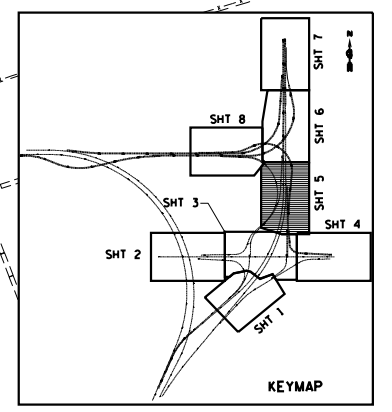
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

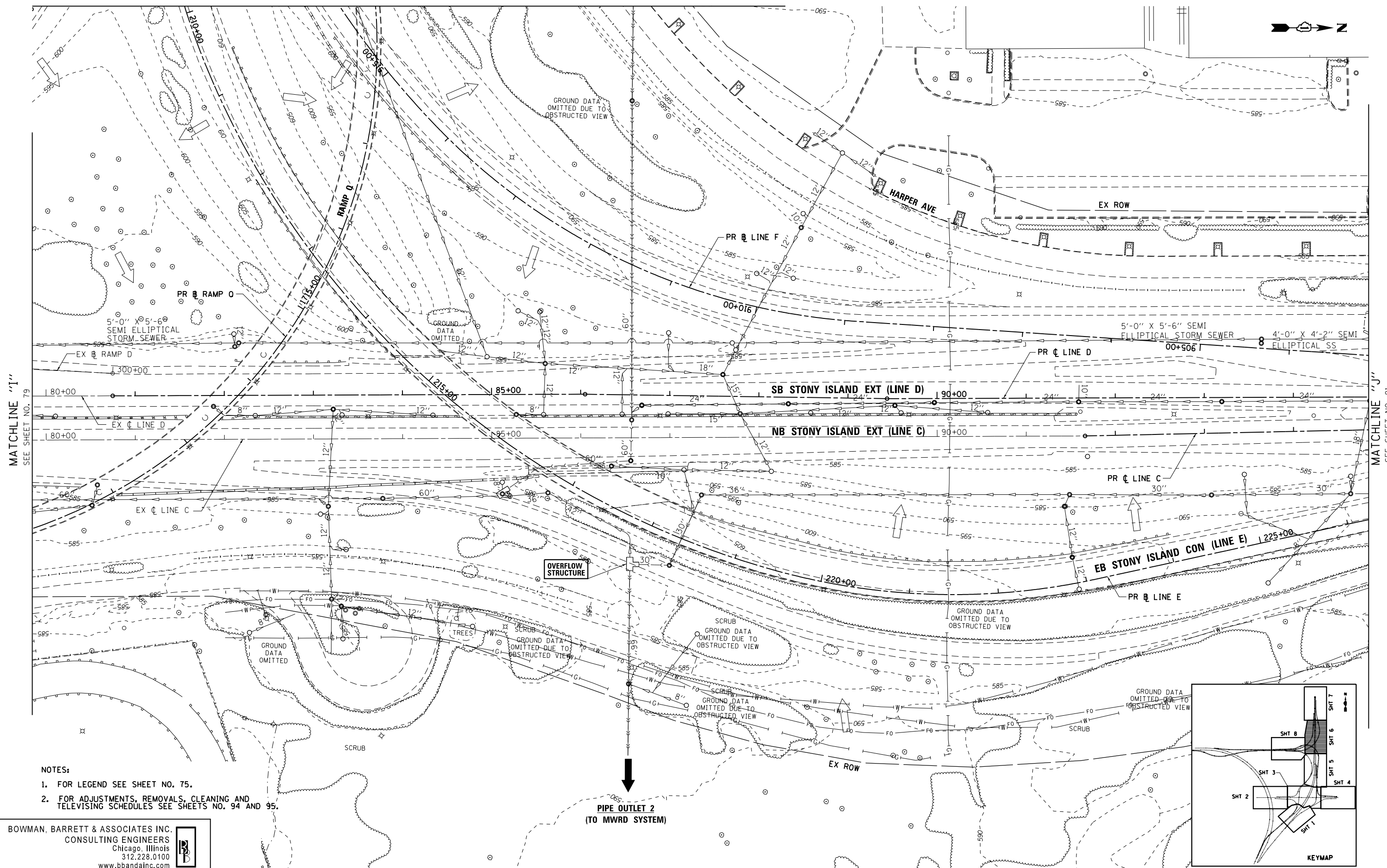
**EXISTING DRAINAGE PLAN
 STONY ISLAND EXTENSION**

SCALE: 1"=50' SHEET NO. 5 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	79
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	



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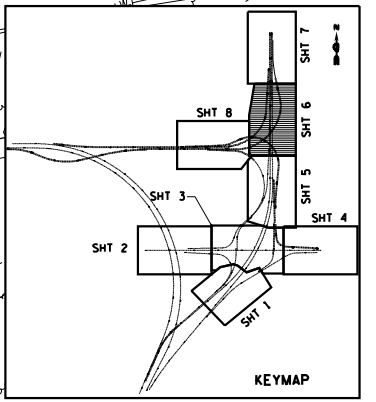


MATCHLINE "I" SEE SHEET NO. 79

MATCHLINE "J" SEE SHEET NO. 81

- NOTES:**
- FOR LEGEND SEE SHEET NO. 75.
 - FOR ADJUSTMENTS, REMOVALS, CLEANING AND TELEVISIONING SCHEDULES SEE SHEETS NO. 94 AND 95.

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FILE NAME =	USER NAME = default	DESIGNED - JAM	REVISED -
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	PLOT DATE = 12/7/2012	DATE - 11/08/2012	REVISED -

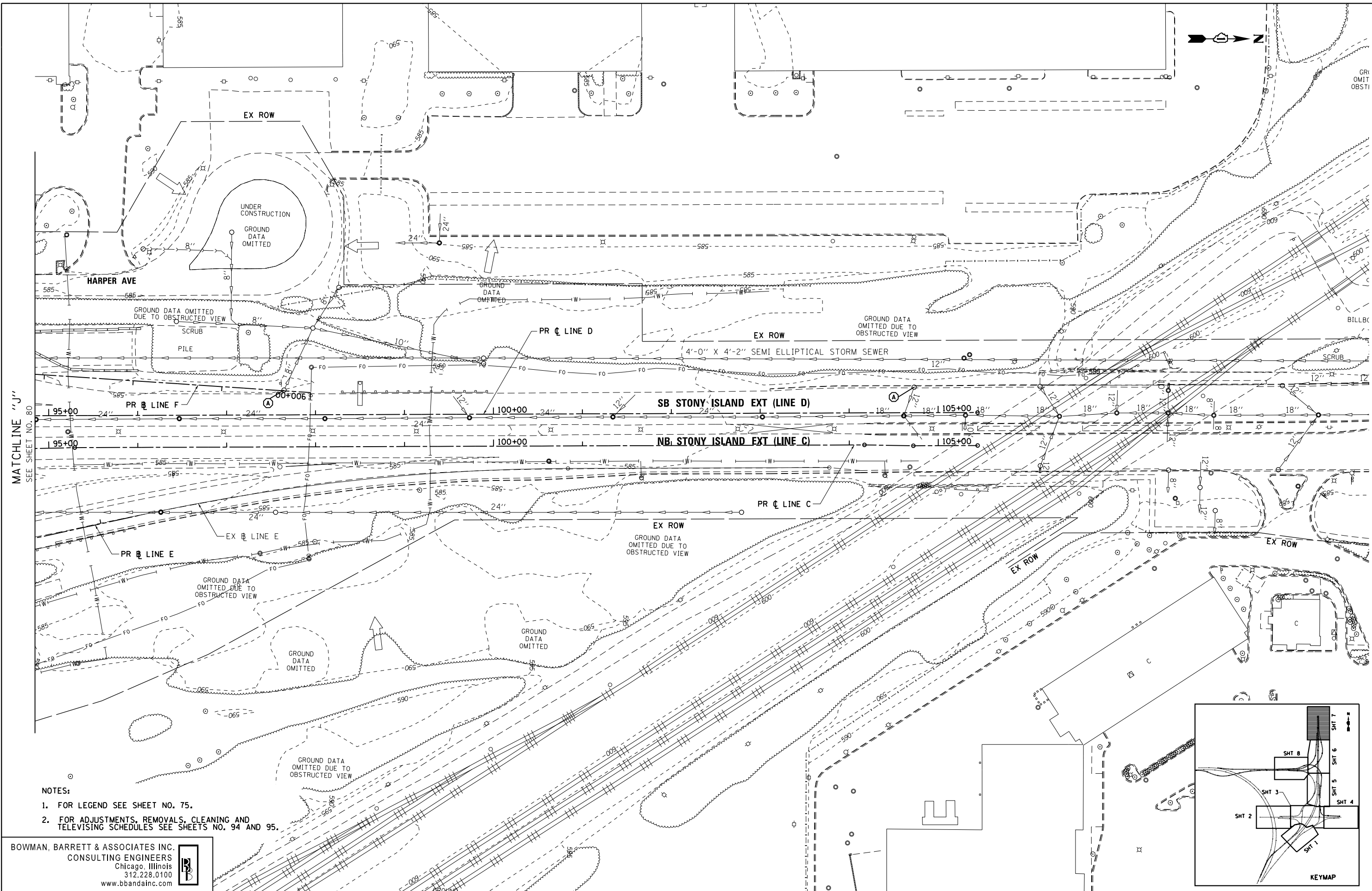
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXISTING DRAINAGE PLAN
 STONY ISLAND EXTENSION**

SCALE: 1"=50' SHEET NO. 6 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	80
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	

S:\1072-05-CADD\1060\61_Sheets\1060\61-ark-exst-drain-06.dgn



MATCHLINE "J"
SEE SHEET NO. 80

- NOTES:
1. FOR LEGEND SEE SHEET NO. 75.
 2. FOR ADJUSTMENTS, REMOVALS, CLEANING AND TELEVISION SCHEDULES SEE SHEETS NO. 94 AND 95.

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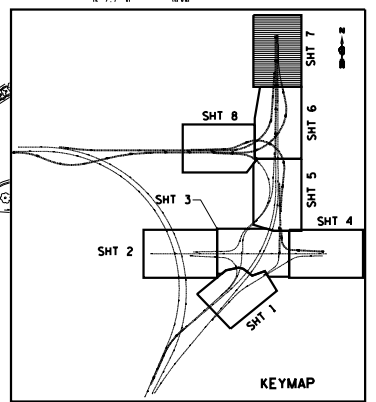
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	PLOT DATE = 12/7/2012	DATE - 11/08/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

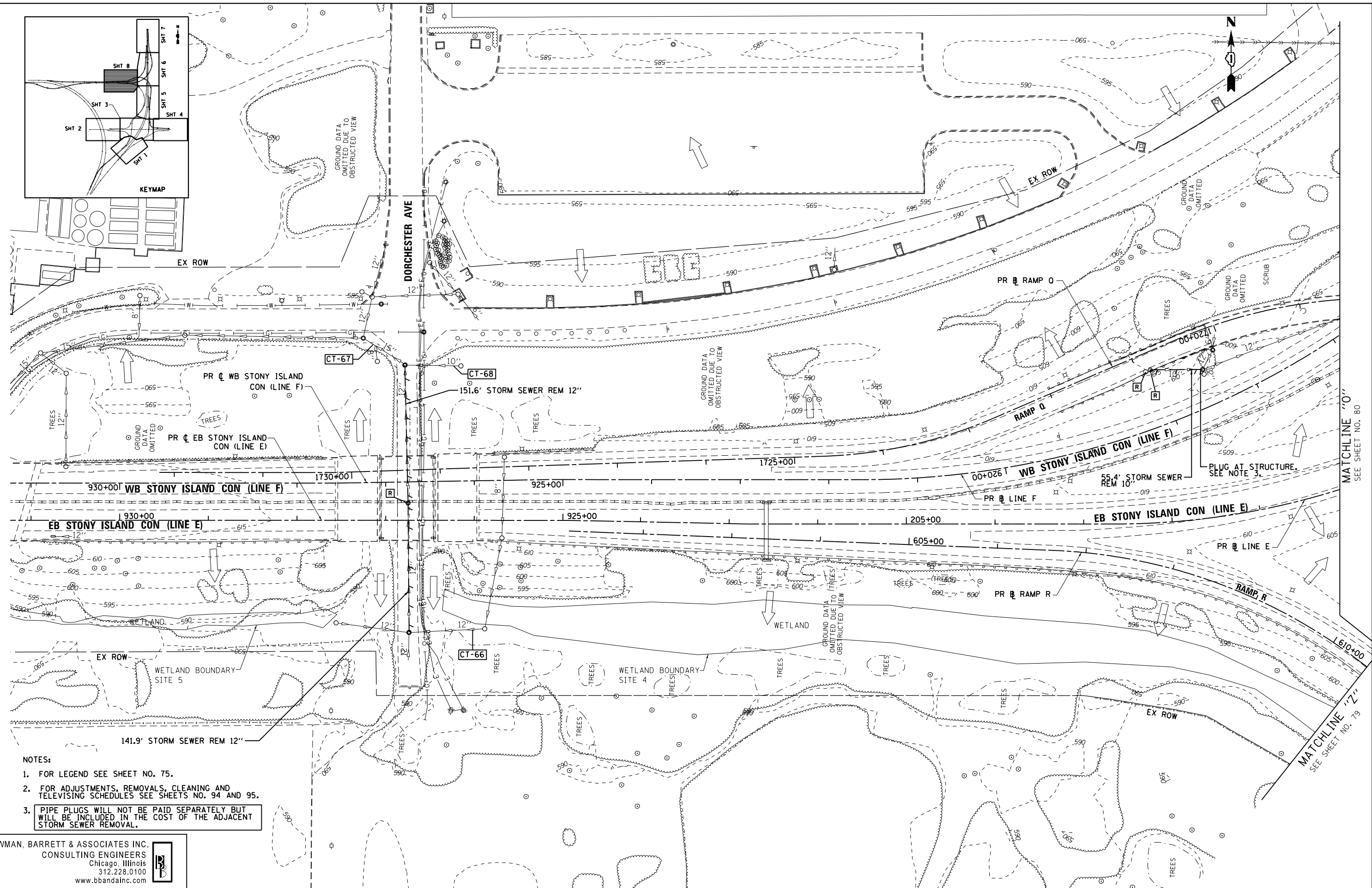
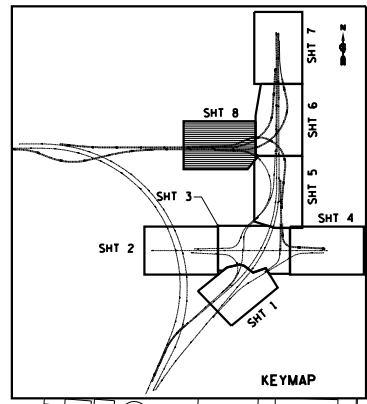
EXISTING DRAINAGE PLAN
STONY ISLAND EXTENSION

SCALE: 1"=50' SHEET NO. 7 OF 8 SHEETS STA. TO STA.

F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	81
				CONTRACT NO. 60V61
ILLINOIS FED. AID PROJECT				



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- NOTES:
- FOR LEGEND SEE SHEET NO. 75.
 - FOR ADJUSTMENTS, REMOVALS, CLEANING AND TELEVISION SCHEDULES SEE SHEETS NO. 94 AND 95.
 - PIPE PLUGS WILL NOT BE PAID SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE ADJACENT STORM SEWER REMOVAL.

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USER NAME = default	DESIGNED - JAM	REVISED -
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PLOT DATE = 12/7/2012	CHECKED - RGR	REVISED -
	DATE - 11/08/2012	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING DRAINAGE PLAN
 STONY ISLAND CONNECTOR

SCALE: 1"=50' SHEET NO. 8 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	82
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	

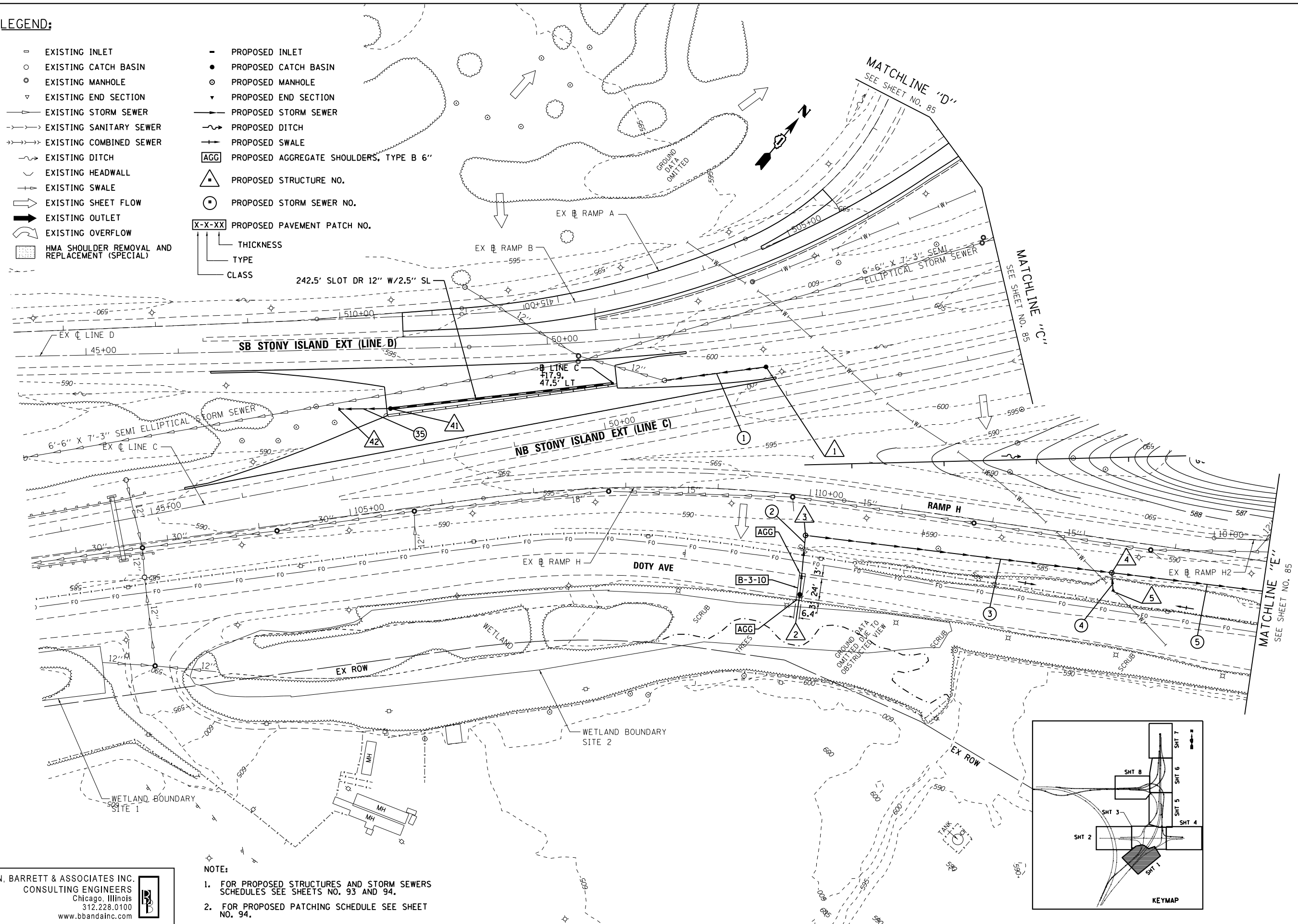
MATCHLINE "0"
 SEE SHEET NO. 80

MATCHLINE "Z"
 SEE SHEET NO. 79

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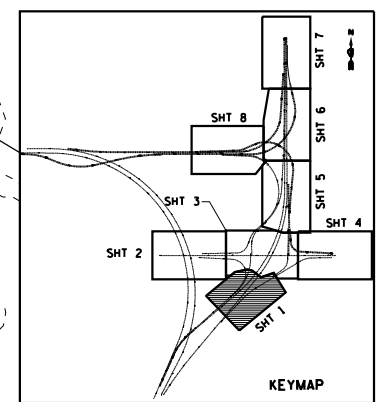
LEGEND:

- | | | | |
|---|--|--------|---|
| — | EXISTING INLET | — | PROPOSED INLET |
| ○ | EXISTING CATCH BASIN | ● | PROPOSED CATCH BASIN |
| ⊙ | EXISTING MANHOLE | ⊙ | PROPOSED MANHOLE |
| ▽ | EXISTING END SECTION | ▽ | PROPOSED END SECTION |
| — | EXISTING STORM SEWER | — | PROPOSED STORM SEWER |
| — | EXISTING SANITARY SEWER | — | PROPOSED DITCH |
| — | EXISTING COMBINED SEWER | — | PROPOSED SWALE |
| — | EXISTING DITCH | AGG | PROPOSED AGGREGATE SHOULDERS, TYPE B 6" |
| — | EXISTING HEADWALL | △ | PROPOSED STRUCTURE NO. |
| — | EXISTING SWALE | ⊙ | PROPOSED STORM SEWER NO. |
| → | EXISTING SHEET FLOW | X-X-XX | PROPOSED PAVEMENT PATCH NO. |
| → | EXISTING OUTLET | — | THICKNESS |
| → | EXISTING OVERFLOW | — | TYPE |
| — | HMA SHOULDER REMOVAL AND REPLACEMENT (SPECIAL) | — | CLASS |



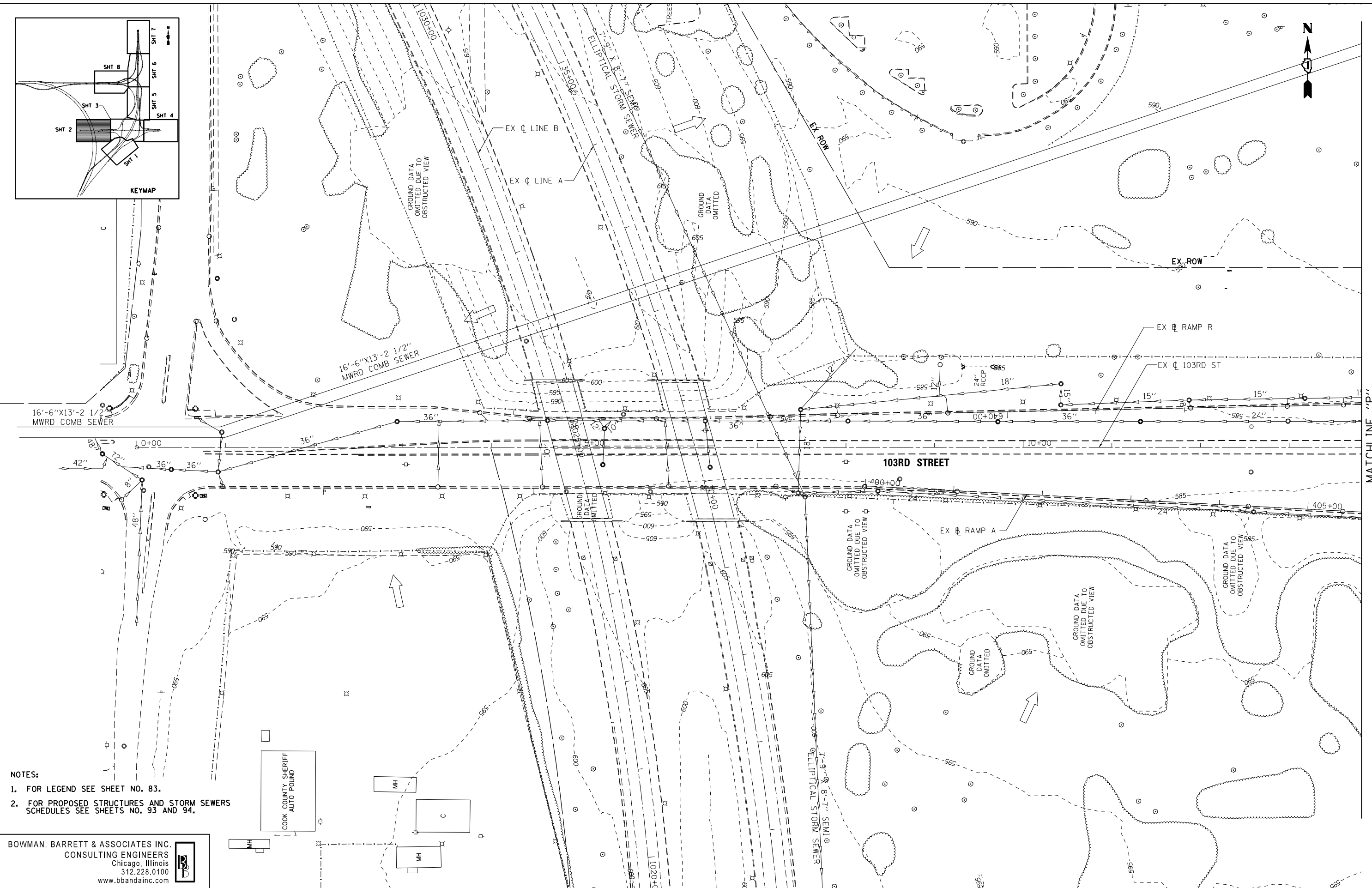
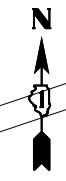
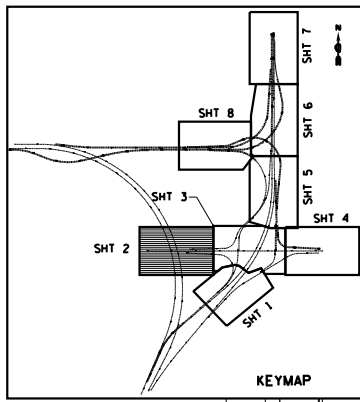
- NOTE:**
1. FOR PROPOSED STRUCTURES AND STORM SEWERS SCHEDULES SEE SHEETS NO. 93 AND 94.
 2. FOR PROPOSED PATCHING SCHEDULE SEE SHEET NO. 94.

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*FILE#	PLOT SCALE = *SCALE*	DRAWN - JAM	REVISED -				SCALE: 1"=50'	SHEET NO. 1 OF 8 SHEETS	STA. TO STA.	CONTRACT NO. 60V61				
	PLOT DATE = 12/7/2012	CHECKED - RGR	REVISED -				ILLINOIS FED. AID PROJECT							
		DATE - 11/08/2012	REVISED -											

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- NOTES:
1. FOR LEGEND SEE SHEET NO. 83.
 2. FOR PROPOSED STRUCTURES AND STORM SEWERS SCHEDULES SEE SHEETS NO. 93 AND 94.

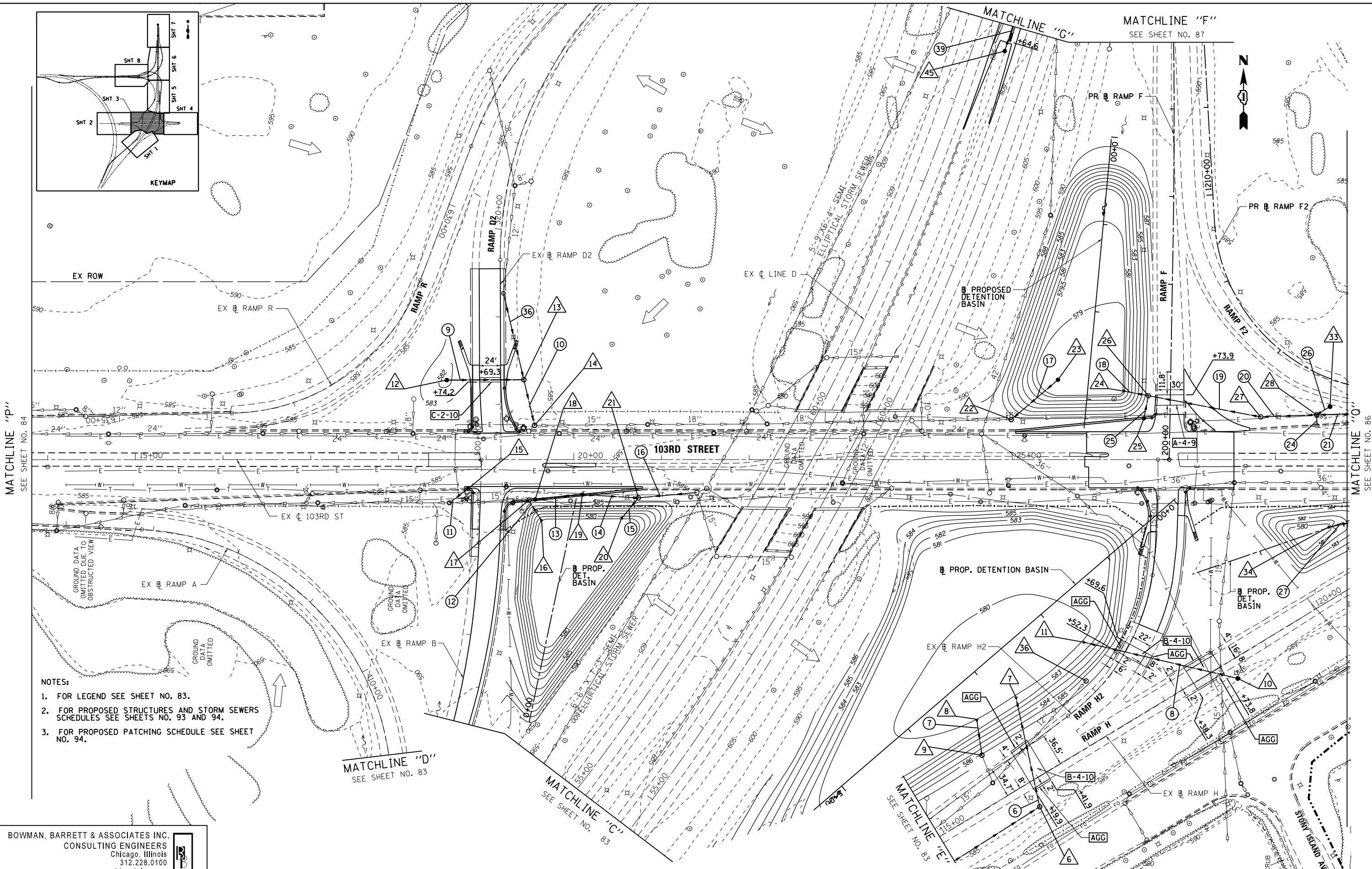
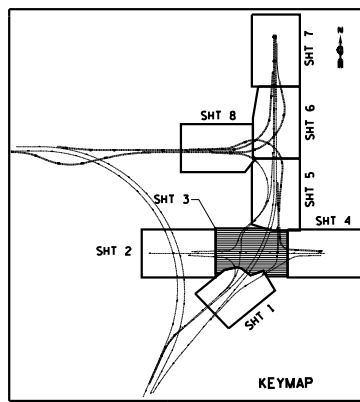
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COOK COUNTY SHERIFF
 AUTO POUND

MATCHLINE "P"
 SEE SHEET NO. 85

FILE NAME = *FILEL\$	USER NAME = default	DESIGNED - JAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE PLAN 103RD STREET	F.A.I. RTE. 94	SECTION 2012-060-BR	COUNTY COOK	TOTAL SHEETS 285	SHEET NO. 84
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PLOT DATE = 12/7/2012	DATE = 11/08/2012	REVISOR -	REVISOR -							

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- NOTES:**
1. FOR LEGEND SEE SHEET NO. 83.
 2. FOR PROPOSED STRUCTURES AND STORM SEWERS SCHEDULES SEE SHEETS NO. 93 AND 94.
 3. FOR PROPOSED PATCHING SCHEDULE SEE SHEET NO. 94.

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USER NAME = default	DESIGNED - JAM	REVISED -
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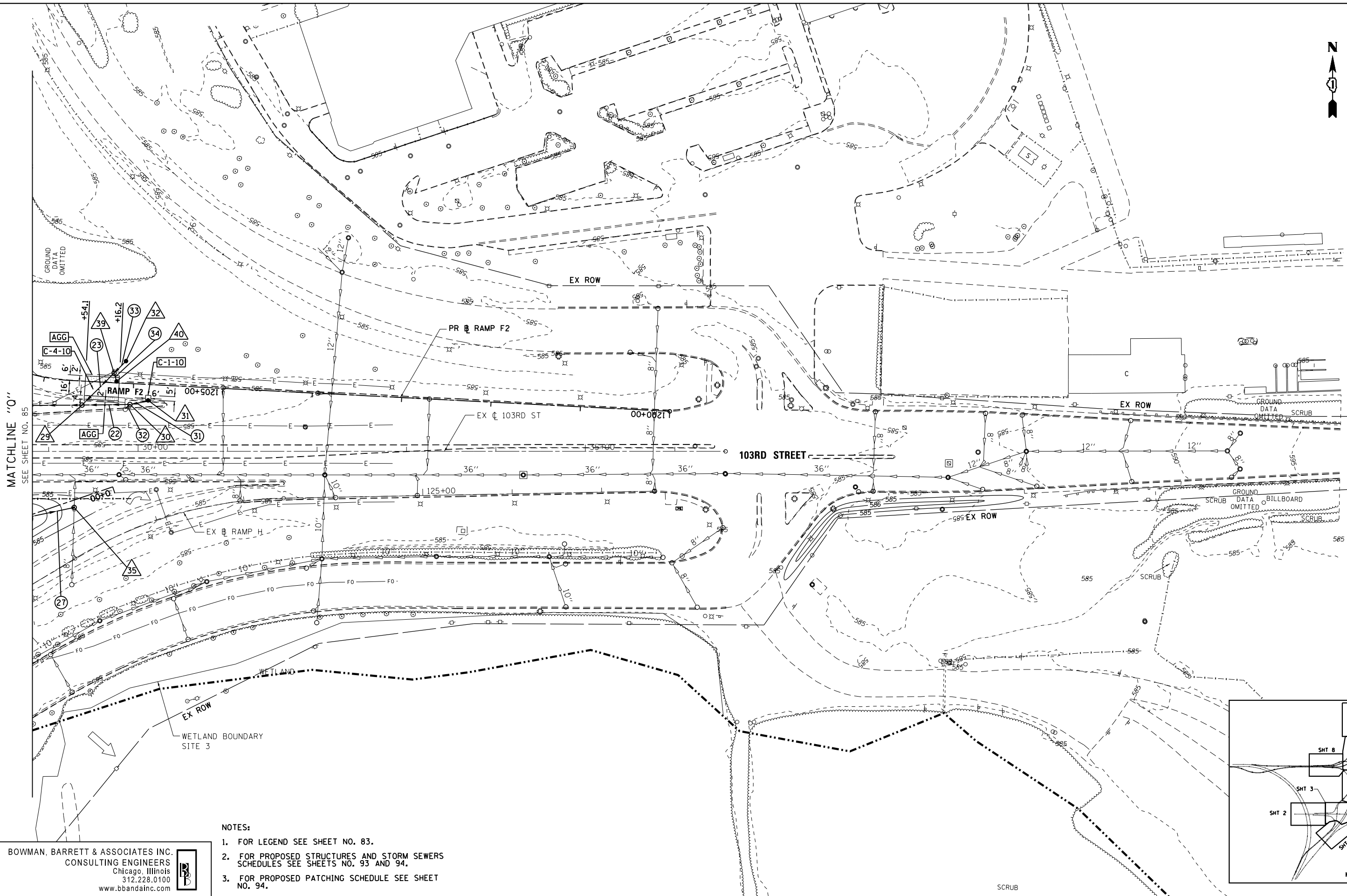
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED DRAINAGE PLAN
 103RD STREET**

SCALE: 1"=50' SHEET NO. 3 OF 8 SHEETS STA. TO STA.

F.A.I. RTE. 94	SECTION 2012-060-BR	COUNTY COOK	TOTAL SHEETS 285	SHEET NO. 85
CONTRACT NO. 60V61				ILLINOIS FED. AID PROJECT

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MATCHLINE "Q"
SEE SHEET NO. 85

- NOTES:
1. FOR LEGEND SEE SHEET NO. 83.
 2. FOR PROPOSED STRUCTURES AND STORM SEWERS SCHEDULES SEE SHEETS NO. 93 AND 94.
 3. FOR PROPOSED PATCHING SCHEDULE SEE SHEET NO. 94.

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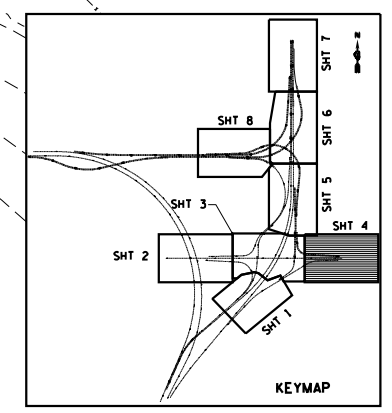
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

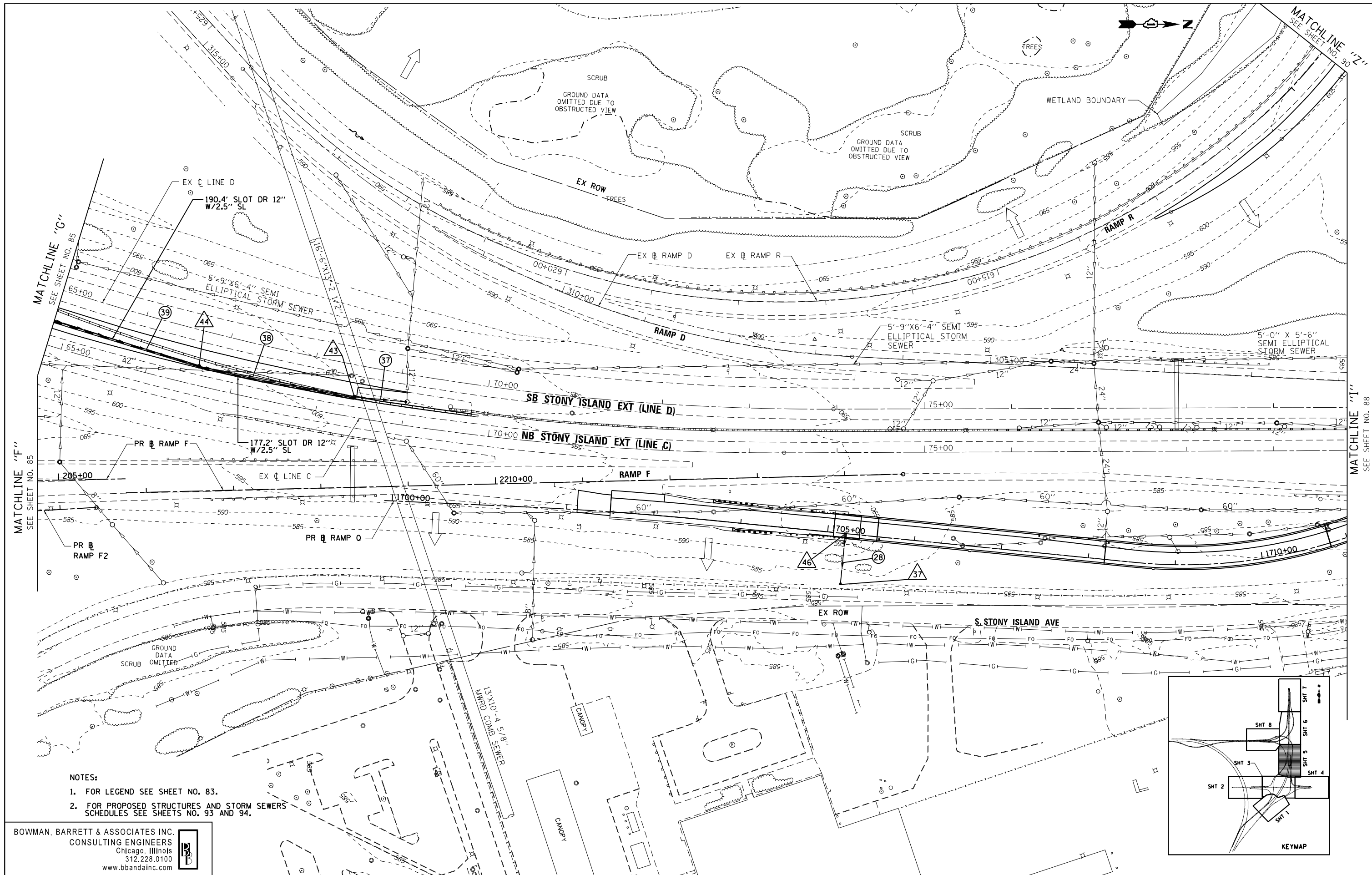
PROPOSED DRAINAGE PLAN
103RD STREET

SCALE: 1"=50' SHEET NO. 4 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	86
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	



SV:1072-05-CADD:0160V61_Sheets:0160V61-sh4.dwg



- NOTES:
- FOR LEGEND SEE SHEET NO. 83.
 - FOR PROPOSED STRUCTURES AND STORM SEWERS SCHEDULES SEE SHEETS NO. 93 AND 94.

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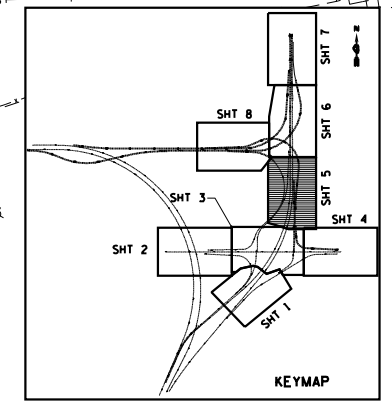
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	PLOT DATE = 12/7/2012	DATE -	11/08/2012	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE PLAN
 STONY ISLAND EXTENSION

SCALE: 1"=50' SHEET NO. 5 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	87
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	



MATCHLINE "G"
 SEE SHEET NO. 85

MATCHLINE "F"
 SEE SHEET NO. 85

MATCHLINE "Z"
 SEE SHEET NO. 90

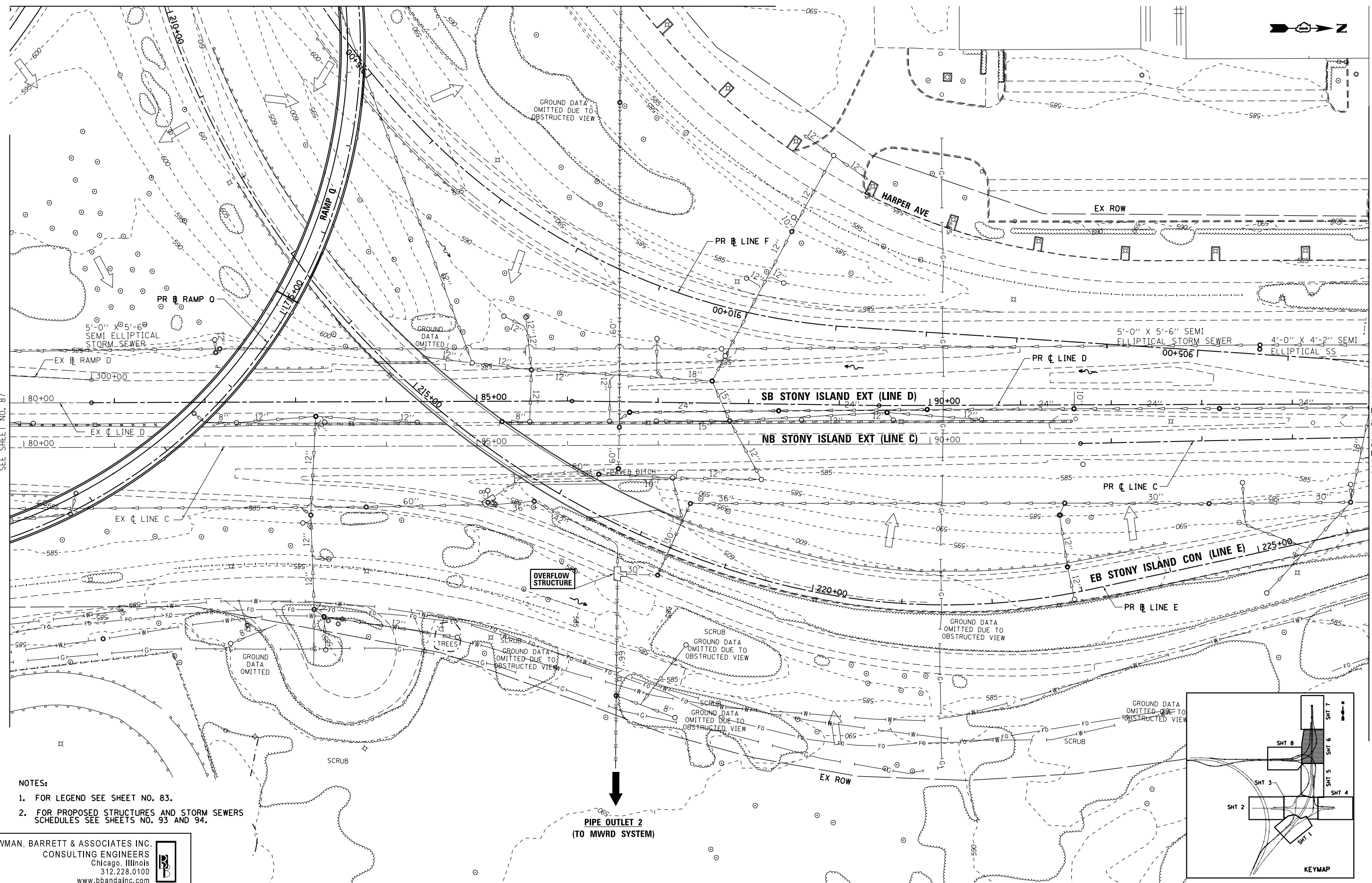
MATCHLINE "I"
 SEE SHEET NO. 88

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MATCHLINE "I" SEE SHEET NO. 87

MATCHLINE "J" SEE SHEET NO. 89



- NOTES:**
- FOR LEGEND SEE SHEET NO. 83.
 - FOR PROPOSED STRUCTURES AND STORM SEWERS SCHEDULES SEE SHEETS NO. 93 AND 94.

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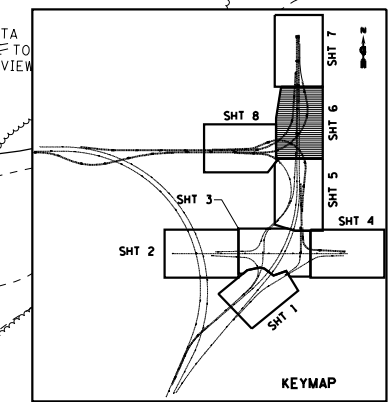


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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

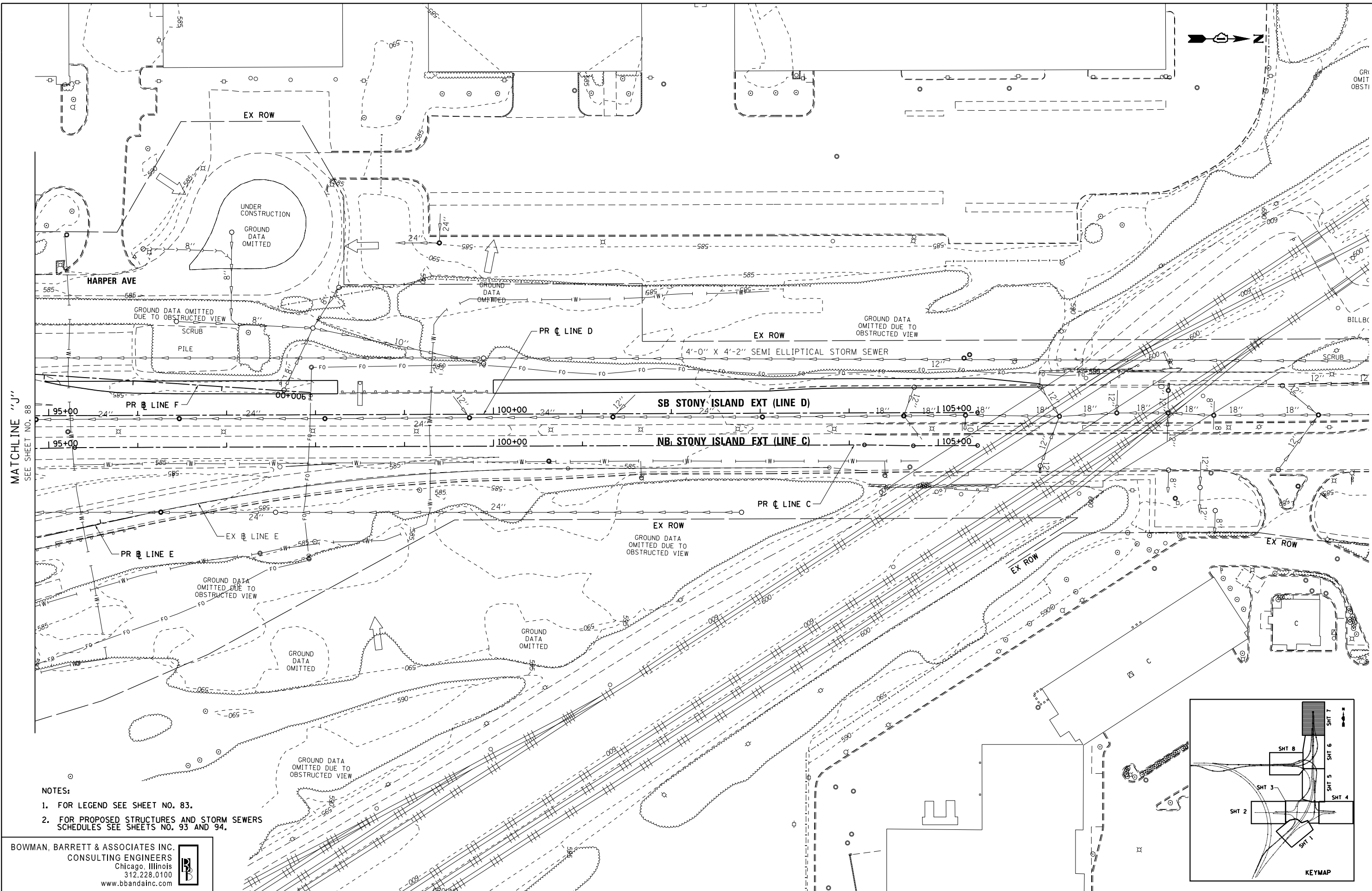
**PROPOSED DRAINAGE PLAN
 STONY ISLAND EXTENSION**

SCALE: 1"=50' SHEET NO. 6 OF 8 SHEETS STA. TO STA.



F.A.I. RTE. 94	SECTION 2012-060-BR	COUNTY COOK	TOTAL SHEETS 285	SHEET NO. 88
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	

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MATCHLINE "J"
SEE SHEET NO. 88

- NOTES:
1. FOR LEGEND SEE SHEET NO. 83.
 2. FOR PROPOSED STRUCTURES AND STORM SEWERS SCHEDULES SEE SHEETS NO. 93 AND 94.

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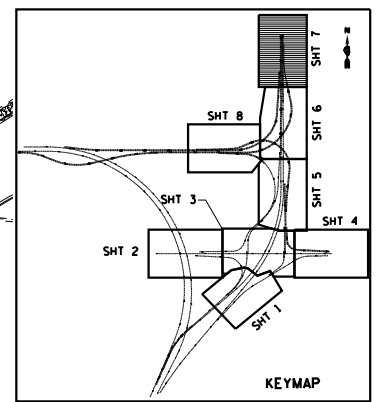
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

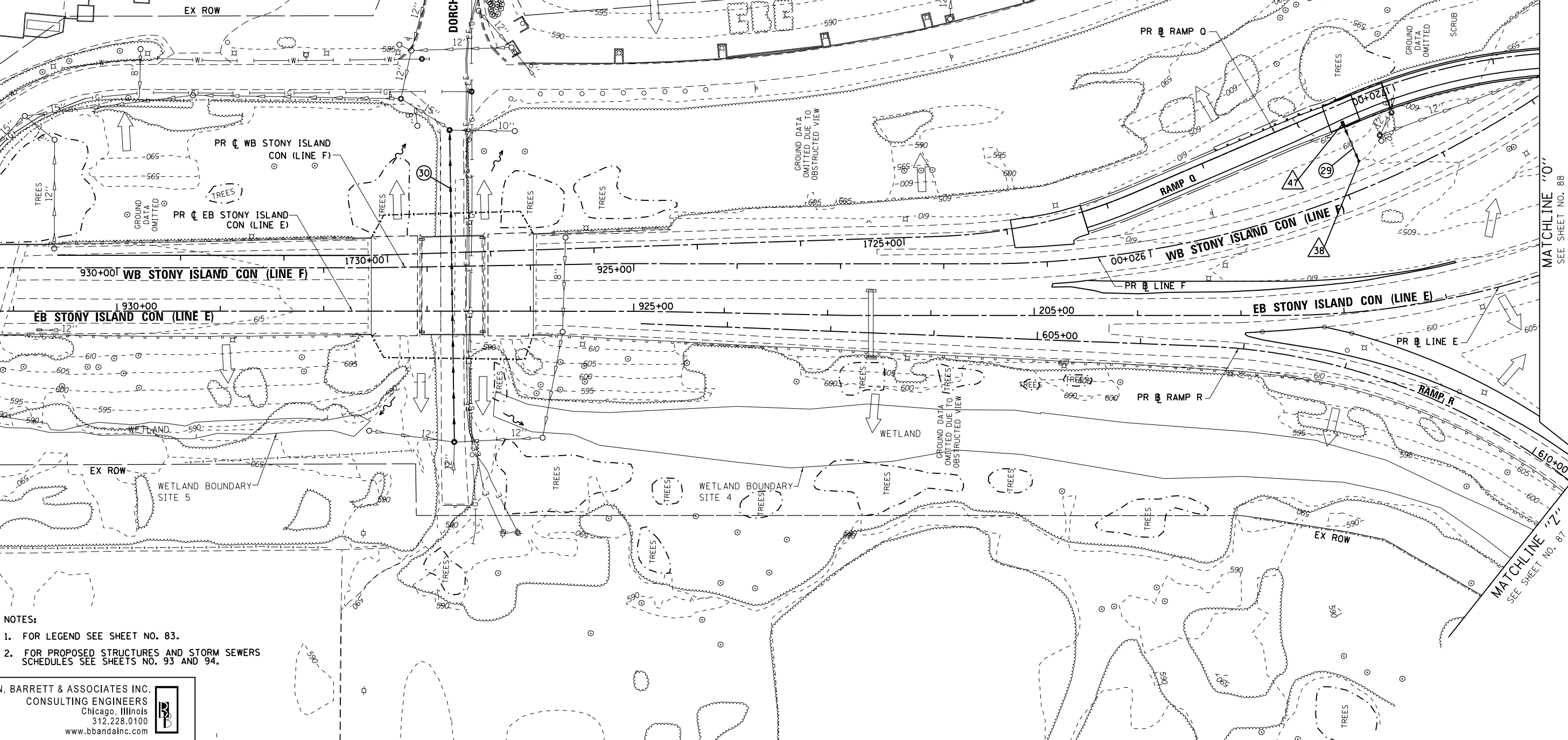
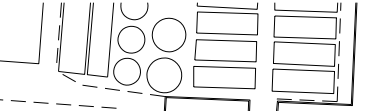
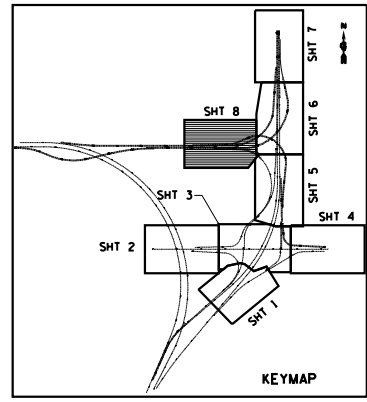
PROPOSED DRAINAGE PLAN
STONY ISLAND EXTENSION

SCALE: 1"=50' SHEET NO. 7 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	89
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	



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- NOTES:
1. FOR LEGEND SEE SHEET NO. 83.
 2. FOR PROPOSED STRUCTURES AND STORM SEWERS SCHEDULES SEE SHEETS NO. 93 AND 94.

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FILE NAME =	USER NAME = default	DESIGNED - JAM	REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE PLAN
 STONY ISLAND CONNECTOR

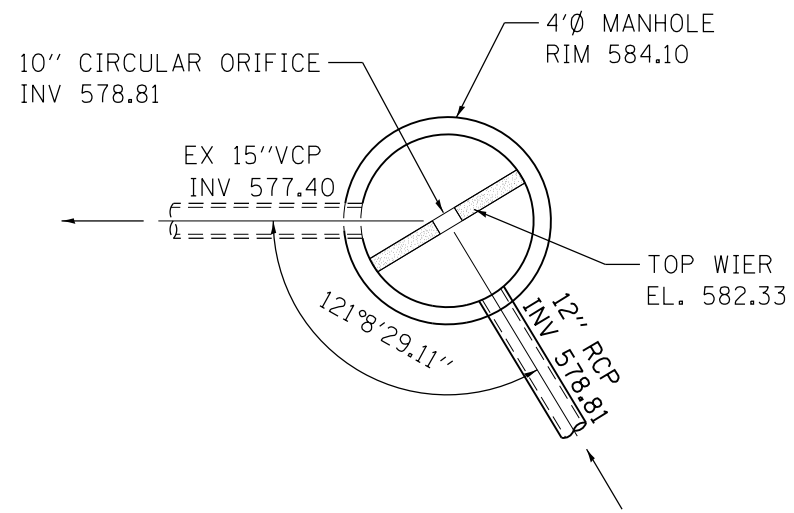
SCALE: 1"=50' SHEET NO. 8 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	90
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	

MATCHLINE "0"
 SEE SHEET NO. 88

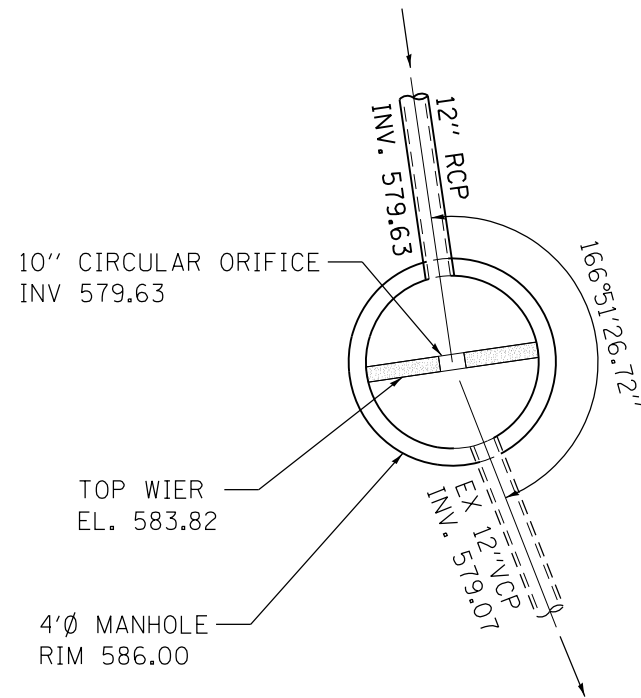
MATCHLINE "Z"
 SEE SHEET NO. 87

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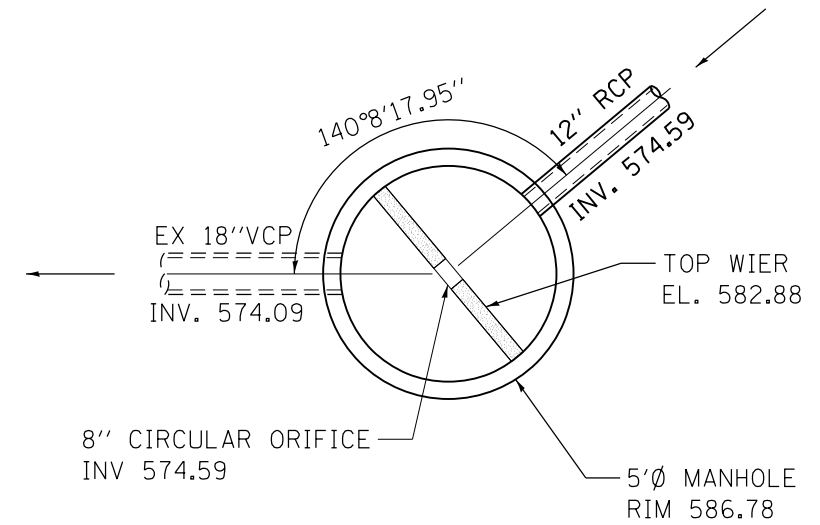
STR NO. 17

103RD ST
STA 19+48.96, 47.0' RT



STR NO. 9

RAMP H2
STA 11+52.41, 22.9' LT



STR NO. 22

103RD ST
STA 24+98.79, 45.6' LT

RESTRICTOR PLATE MANHOLE DETAILS

N.T.S.

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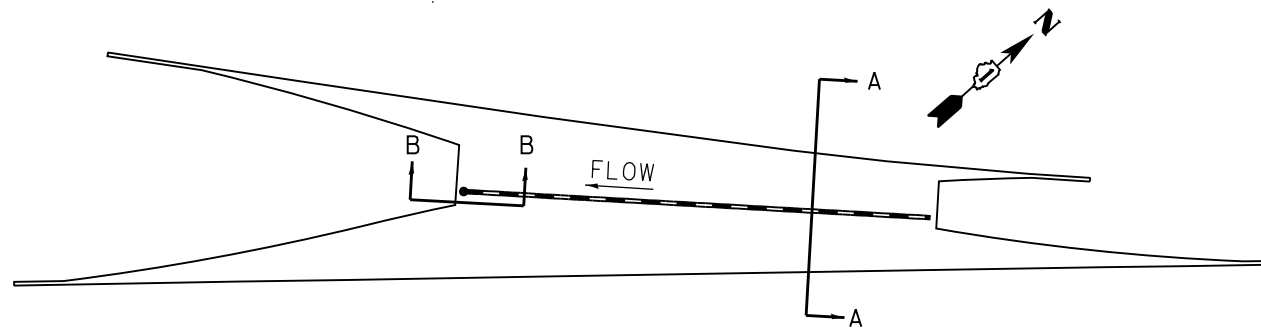
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

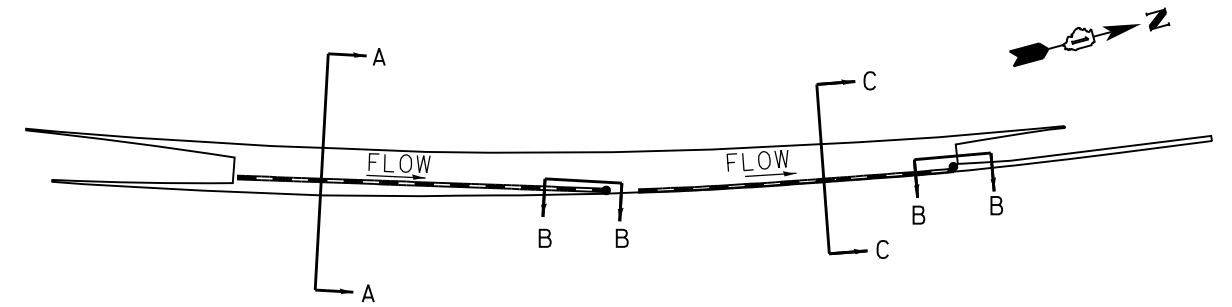
DRAINAGE DETAILS

SCALE: N.T.S. SHEET NO. 1 OF 2 SHEETS STA. TO STA.

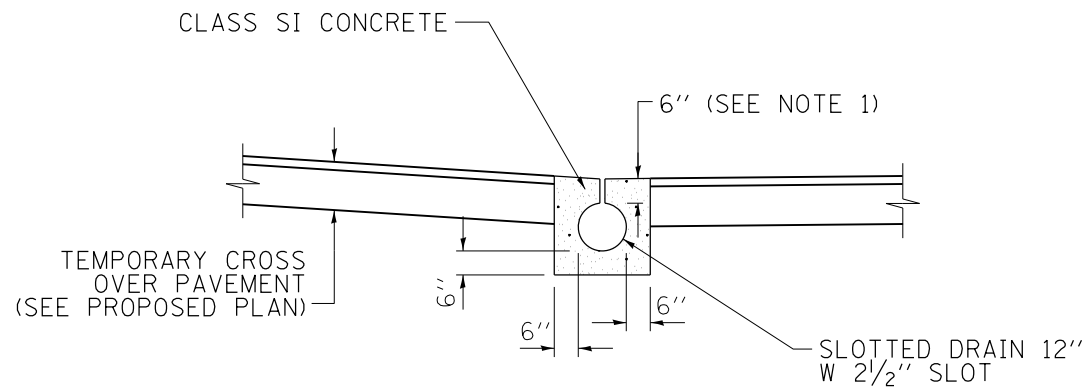
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	91
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	



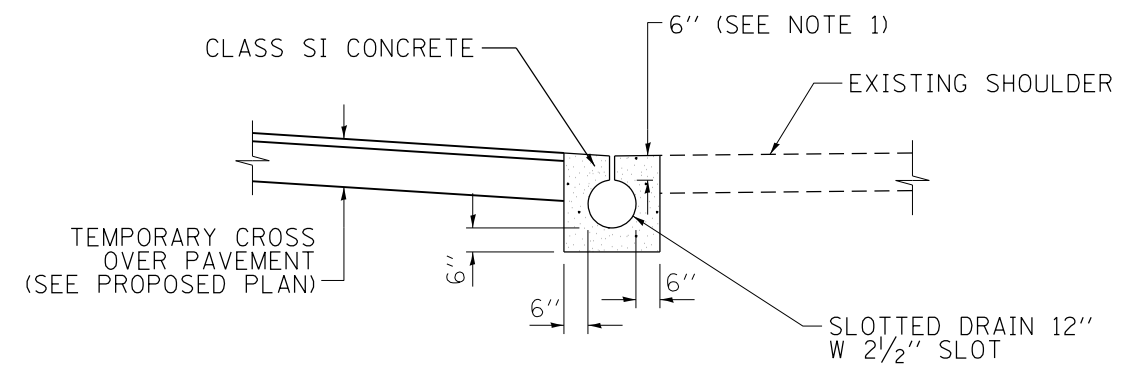
PLAN (CROSSOVER 1)



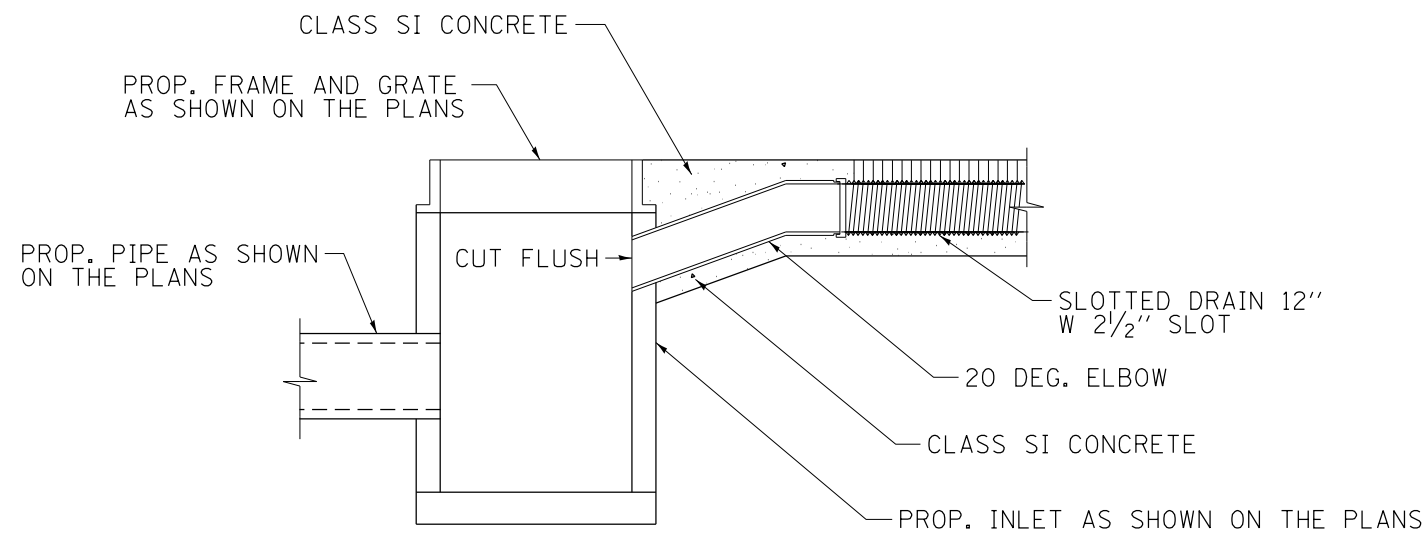
PLAN (CROSSOVER 2)



SECTION A-A



SECTION C-C



SECTION B-B

NOTES:

1. DEPTH OF SLOT CAN BE VARIED FROM 6" MINIMUM TO 12" MAXIMUM TO INCREASE SLOPE OF PIPE AS NECESSARY FOR EACH SITE AND AS APPROVED BY THE ENGINEER.

SLOTTED DRAIN DETAILS

N.T.S.

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#FILE#		DRAWN - JAM	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - RGR	REVISED -
	PLOT DATE = 12/7/2012	DATE - 11/08/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS

SCALE: N.T.S. SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	92
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	

SCHEDULE OF PROPOSED DRAINAGE STRUCTURES

STRUCTURE NUMBER	LOCATION	STATION	OFFSET	RIM ELEVATION	60200105	60200805	X6020095	60221102	60218400	60221100	54213657	54213660	54213663	60234200	60900140	INVERT ELEVATIONS
					CB TA 4 DIA TIF OL (EACH)	CB TA 4 DIA T8G (EACH)	MAN TA 4D TIFCL R-PLT (EACH)	MAN TA 5D TIFCL R-PLT (EACH)	MAN TA 4 DIA TIF CL (EACH)	MAN TA 5 DIA TIF CL (EACH)	PRC FLAR END SEC 12 (EACH)	PRC FLAR END SEC 15 (EACH)	PRC FLAR END SEC 18 (EACH)	INLETS TA TIF OL (EACH)	TYPE B INLET BOX (EACH)	
1	NB STNY LINE C	51+83.39	34.71' LT	598.59		1										592.47SW,
2	RAMP H	110+01.60	107.36' RT	586.32	1											583.16NW,
3	RAMP H	110+00.13	42.83' RT	586.39					1							582.88NE, 582.98SE,
4	RAMP H	113+35.49	36.04' RT	585.87					1							581.79NE, 581.89SW, 581.84SE,
5	RAMP H	113+39.87	55.88' RT	-							1					581.9NW,
6	RAMP H	116+15.24	29.96' RT	586.46					1							580.86N, 580.96SW,
7	RAMP H2	12+23.08	53.08' LT	-									1			580.5N,
8	RAMP H2	11+82.17	59.30' LT	-						1						580S,
9	RAMP H2	11+52.41	22.91' LT	586.00			1									579.63N, 579.07S (EX.),
10	RAMP H	118+84.26	21.68' RT	583.57		1										581.04W,
11	RAMP H2	13+38.35	46.81' LT	-									1			580.5E,
12	RAMP D2	321+71.82	61.43' RT	581.90		1										577.4E,
13	RAMP D2	321+71.75	26.45' LT	584.10					1							576.98W, 574.8N (EX.), 574.76S,
14	103RD ST	19+55.25	39.08' LT	585.07						1						574.56N, 580.1SW (EX.), 574.06E (EX.),
15	103RD ST	18+79.17	33.22' RT	584.54	1											577.49SW,
16	103RD ST	19+63.42	69.96' RT	-							1					579SE,
17	103RD ST	19+48.96	46.00' RT	584.10			1									578.81SE, 577.4W (EX.),
18	103RD ST	19+55.93	45.32' RT	584.11	1											580.17E,
19	103RD ST	20+09.62	39.93' RT	584.27	1											579.98W, 579.88E,
20	103RD ST	20+54.13	67.46' RT	-									1			579NE,
21	103RD ST	20+73.60	43.61' RT	585.01						1						579.06SW, 579.66W, 579.26E,
22	103RD ST	24+98.79	45.61' LT	586.78				1								574.59N, 574.09W (EX.),
23	103RD ST	25+52.03	91.06' LT	579.00		1										574.92SW,
24	RAMP F	200+77.43	54.15' LT	-									1			579E,
25	RAMP F	200+46.64	29.64' LT	585.79	1											579.78N,
26	RAMP F	200+72.47	25.09' LT	586.83						1						579.06W, 579.06E, 579.56S,
27	103RD ST	27+83.28	48.70' LT	585.94					1							579.34W, 579.34E,
28	103RD ST	28+47.02	51.19' LT	584.96						1						579.72NE, 579.47E, 579.47W, 579.57S,
29	103RD ST	29+37.30	51.73' LT	584.61						1						579.66W, 579.76NE, 579.76E,
30	103RD ST	29+85.35	52.38' LT	584.77						1						579.86W, 580.36E, 579.86SW,
31	RAMP F2	1205+82.93	17.70' LT	584.16	1											580.44W,
32	RAMP F2	1206+09.79	24.79' RT	582.85		1										579.89SW,
33	RAMP F2	1207+24.50	30.07' LT	584.14		1										579.78SW,
34	103RD ST	28+59.96	77.72' RT	-	1											579.8E,
35	103RD ST	29+28.59	62.77' RT	584.38	1											579.48W, 576.1N (EX.), 576.22S (EX.),
36	RAMP H2	13+01.17	16.18' LT	585.50					1							579.12SW (EX.),
37	RAMP Q	1705+20.44	58.53' RT	-						1						584.36W,
38	RAMP Q	1720+59.45	58.44' LT	-							1					605.12N,
39	RAMP F2	1206+22.46	10.76' RT	584.15					1							579.86SW, 579.86NE, 580.16SE,
40	RAMP F2	1206+19.19	1.65' RT	583.99	1											580.18NW,
41	NB STNY LINE C	47+75.02	65.24' LT	593.70										1		591.53SW,
42	NB STNY LINE C	47+19.51	75.10' LT	-							1					591.24SW,
43	NB STNY LINE C	68+40.96	23.08' LT	598.89	1											591.91N, 594.11S,
44	NB STNY LINE C	66+58.14	21.84' LT	601.00	1											594.89N, 596.19S,
45	NB STNY LINE C	64+52.06	29.78' LT	604.00		1										597.07N,
46	RAMP Q	1705+20.44	3.42' RT	597.33											1	595.33E,
47	RAMP Q	1720+59.45	20.25' LT	615.80											1	613.8SE,
TOTALS					11	7	2	1	7	6	5	1	4	1	2	

NOTES:

1. STATION, OFFSET AND RIM ELEVATION ARE TO THE CENTER OF THE CASTING.
2. THE CONTRACTOR SHALL FIELD VERIFY EXISTING INVERT CONNECTIONS, AND INFORM THE ENGINEER OF ANY DISCREPANCIES.
3. FOR DETAILS OF RESTRICTOR PLATE MANHOLES SEE SHEET NO. 91.

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*FILEL\$		DRAWN - JAM	REVISED -			94	2012-060-BR	COOK	285	93	
	PLOT SCALE = *SCALE*	CHECKED - RGR	REVISED -			CONTRACT NO. 60V61					
	PLOT DATE = 12/7/2012	DATE - 11/08/2012	REVISED -			SCALE:	SHEET NO. 1 OF 3 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

SCHEDULE OF PROPOSED STORM SEWERS

PIPE NO.	FROM STR. NO.	TO STR. NO.	LENGTH (FEET)	DIAMETER (INCHES)	SLOPE (%)	550A0050	550A0070	550A0090	550A0340	550A0360	550A0380	550A1850	550A2330	550A2340	60100945	20800150
						SS CL A 1, 12" (FOOT)	SS CL A 1, 15" (FOOT)	SS CL A 1, 18" (FOOT)	SS CL A 2, 12" (FOOT)	SS CL A 2, 15" (FOOT)	SS CL A 2, 18" (FOOT)	SS CL A 7, 15" (FOOT)	SS RG CL A 1, 15" (FOOT)	SS RG CL A 1, 18" (FOOT)	PIPE DRAINS 12" (FOOT)	TRENCH BACKFILL (CU. YD.)
1	1	EX	107.0	12	1.00%	107.0										0.0
2	2	3	60.5	18	0.30%			60.5								1.3
3	3	4	330.3	18	0.30%									330.3		0.0
4	5	4	12.2	15	0.32%								12.2			0.0
5	4	6	275.8	18	0.30%			275.8								0.0
6	6	7	120.1	18	0.30%						120.1					52.1
7	8	9	30.8	12	1.00%	30.8										0.0
8	10	11	172.6	18	0.31%						172.6					52.8
9	12	13	83.9	18	0.50%			83.9								17.0
10	13	14	49.0	18	0.40%						49.0					0.0
11	15	EX	22.6	12	1.00%				22.6							1.8
12	16	17	19.1	12	1.00%	19.1										0.0
13	18	19	50.0	12	0.37%	50.0										8.4
14	19	21	59.6	12	0.37%				59.6							5.3
15	21	20	20.3	18	0.22%			20.3								0.0
16	EX	21	62.4	15	0.32%					62.4						0.0
17	23	22	65.5	12	0.50%	65.5										0.0
18	26	24	20.9	18	0.22%			20.9								0.0
19	27	26	125.9	18	0.22%						125.9					54.2
20	28	27	59.3	18	0.22%						59.3					0.0
21	29	28	85.8	18	0.22%						85.8					0.0
22	30	29	49.1	18	0.22%						49.1					8.9
23	39	29	46.2	18	0.22%			46.2								21.4
24	EX	28	8.4	12	1.08%				8.4							1.5
25	25	26	22.2	12	1.00%				22.2							1.9
26	33	28	13.4	15	0.50%		13.4									0.0
27	34	35	58.7	12	0.50%	58.7										0.0
28	46	37	49.0	12	STND									49.0		0.0
29	47	38	32.1	12	STND									32.1		0.0
30	EX	EX	297.7	15	0.44%							297.7				98.0
31	31	30	16.5	12	0.44%	16.5										0.0
32	EX	30	2.5	12	0.44%				2.5							0.0
33	32	39	14.9	18	0.22%			14.9								0.0
34	40	39	5.7	12	0.44%	5.7										0.5
35	41	42	49.3	12	0.53%	49.3										0.0
36	EX	13	97.2	15	0.28%					97.2						0.0
37	43	EX	56.6	12	0.44%				56.6							12.6
38	44	43	177.4	12	0.44%				177.4							66.7
39	45	44	200.3	12	0.44%				200.3							84.2
TOTALS						402.5	13.4	522.5	549.7	159.6	661.8	297.7	12.2	330.3	81.2	488.7

SCHEDULE OF DRAINAGE STRUCTURES REMOVALS AND ADJUSTMENTS

LOCATION	STATION	OFFSET	60500050	60500040	60255410	X0326748	60500205	60300105
			REMOV CATCH BAS (EACH)	REMOV MANHOLES (EACH)	CB CLEANED (EACH)	CLEAN-OUT MANHOLE (EACH)	FILL CATCH BAS (EACH)	FR & GR ADJUST (EACH)
NB STNY LINE C	50+72.27	40.51' LT						1
RAMP H	110+01.60	107.36' RT	1					
RAMP H	114+45.62	51.06' RT	1					
RAM D2	321+72.24	47.14' RT	1					
103RD ST	18+90.95	32.21' RT					1	
103RD ST	18+87.17	32.20' LT					1	
103RD ST	19+49.12	32.59' RT					1	
103RD ST	19+55.21	39.07' LT		1				
103RD ST	19+96.22	46.75' RT		1				
103RD ST	20+08.53	32.20' RT					1	
103RD ST	21+40.20	37.16' RT				1		
103RD ST	21+51.49	32.75' RT			1			
RAMP B	501+19.68	57.56' LT	1					
SB STNY LINE D	57+16.90	101.27' LT	1					
NB STNY LINE C	58+76.50	99.03' RT	1					
103RD ST	26+49.77	32.23' LT					1	
103RD ST	26+62.97	32.12' RT						1
RAMP F	201+07.02	28.39' LT	1					
103RD ST	27+83.28	48.70' LT		1				
103RD ST	28+47.51	38.83' LT			1			
103RD ST	28+62.49	60.37' LT	1					
103RD ST	29+18.82	68.14' RT	1					
103RD ST	29+37.11	54.71' LT		1				
103RD ST	29+75.94	78.26' LT	1					
103RD ST	29+86.51	100.89' LT	1					
103RD ST	29+85.63	46.91' LT			1			
103RD ST	30+11.14	56.95' LT	1					
RAMP H2	10+72.64	21.13' LT						1
RAMP H2	13+20.01	15.74' LT	1					
RAMP H	118+84.26	21.68' RT	1					
RAMP Q	1704+88.38	2.14' RT	1					
RAMP Q	1704+90.62	6.99' RT		1				
SB STNY LINE D	97+64.66	27.87' LT						1
SB STNY LINE D	104+73.19	28.70' LT						1
RAMP Q	1703+67.78	10.04' LT						1
RAMP Q	1720+85.00	19.64' LT		1				
RAMP Q	1720+91.00	19.68' LT	1					
EB STNY LINE E	926+74.72	19.56' RT			1			
TOTALS			16	7	3	1	5	6

SCHEDULE OF PROPOSED PATCHING

LOCATION	FROM STATION	TO STATION	PATCHES					OVERLAY			SHOULDERS			
			44200547 CL A PATCH T4 9" (SQ YD)	44200974 CL B PATCH T3 10" (SQ YD)	44200976 CL C PATCH T4 10" (SQ YD)	44201349 CL C PATCH T1 10" (SQ YD)	44201353 CL C PATCH T2 10" (SQ YD)	44201359 CL C PATCH T4 10" (SQ YD)	40603595 P HMA SC SC "F" N90 1 3/4" (TON)	40600827 P LB MM IL-4.75 N50 3/4" (TON)	40600100 BIT MATLS PR CT (GALLON)	X4820110 HMA SHLD REM REPL SPL (SQ YD)	48101500 AGGREGATE SHLDS B 6" (SQ YD)	60604400 COMB CC&G TB6.18 (FOOT)
DOTY AVE	109+97.96*	110+04.39*		17.1						1.7	0.7	3.4		4.3
RAMP H	116+19.90	116+41.90			87.0					8.5	3.7	17.4	29.3	9.8
RAMP H	118+38.28	118+73.85			63.2					6.2	2.7	12.6	47.4	15.8
RAMP H2	13+52.30	13+66.63			35.0					3.4	1.5	7.0	22.3	6.4
RAMP F	200+62.11	200+73.94	39.4							3.9	1.7	7.9		11.8
RAMP F2	1206+16.19	1206+54.09					67.4			6.6	2.8	13.5	42.1	16.8
RAMP F2	1205+79.93	1205+85.93				3.3				0.3	0.1	0.7		6.0
RAMP D2	321+69.27	321+74.27					13.3			1.3	0.6	2.7		
TOTALS			39	17	185	3	13	67	32	14	65	141	53	18

* RAMP H

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	PLOT SCALE = *SCALE*	CHECKED - RGR	REVISED -
	PLOT DATE = 12/7/2012	DATE - 11/08/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULES

SCALE: SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	94
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	

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SCHEDULE OF CLEANING AND TELEVISION OF SEWERS

EXISTING PIPE NO.	LOCATION	FROM STATION	OFFSET	TO STATION	OFFSET	DIAMETER (INCHES)	X0325207	X5537600	X5537700	X5537800	X5537900	X5538000	X5538200	X5538600	X5538700
							TV INSPECT OF SEWER (FOOT)	SS CLEANED 8" (FOOT)	SS CLEANED 10" (FOOT)	SS CLEANED 12" (FOOT)	SS CLEANED 15" (FOOT)	SS CLEANED 18" (FOOT)	SS CLEANED 24" (FOOT)	SS CLEANED 36" (FOOT)	SS CLEANED 42" (FOOT)
CT-01	NB STNY LINE D	51+22.7	48.3' RT	50+33.0	14.6' RT	12	92.8			92.8					
CT-02	RAMP H	111+80.0	4.1' RT	109+81.4	3.1' RT	15	194.4				194.4				
CT-03	RAMP H	113+73.8	5.5' RT	111+80.0	4.1' RT	15	189.8				189.8				
CT-04	RAMP H	115+83.7	21.0' LT	113+73.8	5.5' RT	15	207.4				207.4				
CT-05	RAMP H	117+34.7	65.3' LT	115+83.7	21.0' LT	12	153.5			153.5					
CT-06	RAMP H2	10+72.6	21.1' LT	10+45.8	12.7' RT	12	40.6			40.6					
CT-07	RAMP H2	11+52.4	22.9' LT	115+83.7	21.0' RT	12	30.0			30.0					
CT-08	RAMP A	405+89.7	6.5' RT	404+39.1	6.4' RT	18	146.7				146.7				
CT-09	103RD ST	19+49.0	47.0' RT	18+58.0	49.3' RT	15	87.0				87.0				
CT-10	103RD ST	16+45.5	29.9' LT	18+16.6	59.8' LT	24	166.1					166.1			
CT-11	103RD ST	18+57.5	69.1' LT	18+16.6	59.8' LT	8	34.8	34.8							
CT-12	103RD ST	22+20.3	40.7' LT	22+08.4	55.3' LT	24	13.9					13.9			
CT-13	103RD ST	20+84.2	40.1' LT	22+20.3	40.7' LT	15	131.6				131.6				
CT-14	103RD ST	19+55.3	39.1' LT	20+84.2	40.1' LT	15	125.0				125.0				
CT-15	103RD ST	19+48.6	32.5' LT	19+55.3	39.1' LT	8	5.3	5.3							
CT-16	103RD ST	20+59.8	32.0' LT	20+62.7	40.0' LT	8	7.0	7.0							
CT-17	103RD ST	21+96.9	32.4' LT	21+97.0	40.6' LT	8	5.5	5.5							
CT-18	RAMP D2	319+48.1	8.5' LT	320+73.2	3.6' LT	12	119.5			119.5					
CT-19	RAMP D2	318+39.2	61.2' RT	319+48.1	8.5' LT	8	130.4	130.4							
CT-20	RAMP D2	319+38.9	25.6' LT	319+48.1	8.5' LT	8	15.2	15.2							
CT-21	103RD ST	23+85.5	44.4' LT	22+20.3	40.7' LT	18	161.1				161.1				
CT-22	103RD ST	24+98.8	45.6' LT	23+85.5	44.4' LT	18	109.3				109.3				
CT-23	103RD ST	23+96.9	32.7' LT	23+85.5	44.4' LT	8	12.4	12.4							
CT-24	103RD ST	23+30.6	29.4' LT	24+64.9	29.3' LT	24	129.3					129.3			
CT-25	103RD ST	24+74.1	37.9' RT	24+64.9	29.3' LT	8	63.4	63.4							
CT-26	NB STNY LINE C	62+93.6	80.7' RT	68+33.7	46.5' LT	42	552.2								552.2
CT-27	NB STNY LINE C	24+64.9 *	29.3' RT	62+93.6	80.7' RT	42	256.5								256.5
CT-28	103RD ST	25+74.2	41.4' RT	24+64.9	29.3' LT	36	125.2						125.2		
CT-29	103RD ST	27+53.2	26.3' RT	25+74.2	41.4' RT	36	174.6						174.6		
CT-30	103RD ST	29+78.7	26.1' RT	27+53.2	26.3' RT	36	220.5						220.5		
CT-31	103RD ST	32+08.8	26.3' RT	29+78.7	26.1' RT	36	225.1						225.1		
CT-32	103RD ST	34+30.7	26.4' RT	32+08.8	26.3' RT	36	216.9						216.9		
CT-33	103RD ST	36+56.3	24.8' RT	34+30.7	26.4' RT	36	221.0						221.0		
CT-34	103RD ST	EB LANES	29.0' RT	36+56.3	24.8' RT	36	243.8						243.8		
CT-35	103RD ST	CENTERLINE	0.0' RT	EB LANES	29.0' RT	12	87.7			87.7					
CT-36	103RD ST	CENTERLINE	0.0' RT	CENTERLINE	0.0' RT	12	220.8			220.8					
CT-37	103RD ST	27+36.1	184.1' RT	29+78.7	26.1' RT	15	154.3				154.3				
CT-38	103RD ST	28+52.1	32.1' RT	28+47.3	26.2' RT	4 **	4.1	4.1							
CT-39	RAMP H	120+80.6	23.2' RT	29+23.1	26.1' RT	8	117.8	117.8							
CT-40	103RD ST	29+86.2	31.7' RT	29+78.7	26.1' RT	12	4.9			4.9					
CT-41	103RD ST	30+60.1	31.9' RT	30+54.3	26.2' RT	8	4.7	4.7							
CT-42	103RD ST	30+95.1	71.1' LT	30+89.1	26.2' RT	8	88.6	88.6							
CT-43	103RD ST	31+14.0	55.2' RT	31+09.1	26.2' RT	8	27.7	27.7							
CT-44	RAMP H	123+85.9	68.6' RT	123+90.8	25.2' LT	10	89.4		89.4						
CT-45	RAMP H	123+78.8	139.9' RT	123+85.9	68.6' RT	8	67.6	67.6							
CT-46	103RD ST	32+20.7	51.7' RT	32+08.8	26.3' RT	10	23.5		23.5						
CT-47	103RD ST	32+28.3	200.2' LT	32+08.8	26.3' RT	12	222.9			222.9					
CT-48	103RD ST	32+00.9	65.1' LT	32+16.1	60.9' LT	8	14.0	14.0							
CT-49	103RD ST	33+12.1	49.3' RT	33+09.8	6.4' RT	8	20.2	20.2							
CT-50	103RD ST	33+25.6	58.6' LT	33+18.9	26.4' RT	8	82.9	82.9							

- C 103RD ST
- PAID AS ITEM X5537600 SS CLEANED 8"

BOWMAN, BARRETT & ASSOCIATES INC.
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FILE NAME =	USER NAME = default	DESIGNED - JAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE SCHEDULES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
*FILEL\$		DRAWN - JAM	REVISED -			94	2012-060-BR	COOK	285	95	
	PLOT SCALE = *SCALE*	CHECKED - RGR	REVISED -			CONTRACT NO. 60V61					
	PLOT DATE = 12/7/2012	DATE - 11/08/2012	REVISED -			SCALE:	SHEET NO. 3 OF 3 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

SCHEDULE OF CLEANING AND TELEVISION OF SEWERS (CONTINUED)

EXISTING PIPE NO.	LOCATION	FROM STATION	OFFSET	TO STATION	OFFSET	DIAMETER (INCHES)	X0325207	X5537600	X5537700	X5537800	X5537900	X5538000	X5538200	X5538600	X5538700
							TV INSPECT OF SEWER (FOOT)	SS CLEANED 8" (FOOT)	SS CLEANED 10" (FOOT)	SS CLEANED 12" (FOOT)	SS CLEANED 15" (FOOT)	SS CLEANED 18" (FOOT)	SS CLEANED 24" (FOOT)	SS CLEANED 36" (FOOT)	SS CLEANED 42" (FOOT)
CT-51	103RD ST	35+77.3	44.5' RT	35+74.9	25.4' RT	8	16.2	16.2							
CT-52	103RD ST	35+77.1	44.5' LT	35+72.3	25.4' RT	8	67.2	67.2							
CT-53	103RD ST	35+81.2	159.9' LT	35+77.1	44.5' LT	8	111.4	111.4							
CT-54	103RD ST	35+50.1	110.7' LT	35+79.0	99.9' LT	8	29.7	29.7							
CT-55	103RD ST	EB LANES	44.6' RT	EB LANES	27.5' RT	8	16.0	16.0							
CT-56	103RD ST	WB LANES	44.3' LT	EB LANES	27.5' RT	8	70.5	70.5							
CT-57	103RD ST	EB LANES	42.6' RT	EB LANES	29.1' RT	8	37.4	37.4							
CT-58	103RD ST	WB LANES	42.6' LT	EB LANES	17.5' RT	8	59.5	59.5							
CT-59	103RD ST	EB LANES	39.0' RT	EB LANES	18.5' RT	8	65.1	65.1							
CT-60	103RD ST	WB LANES	40.6' LT	CENTERLINE	0.0' RT	8	36.0	36.0							
CT-61	103RD ST	EB LANES	33.8' RT	CENTERLINE	0.0' RT	8	36.0	36.0							
CT-62	103RD ST	WB LANES	34.4' LT	CENTERLINE	0.0' RT	8	35.6	35.6							
CT-63	103RD ST	EB LANES	19.7' RT	CENTERLINE	0.0' RT	8	20.7	20.7							
CT-64	103RD ST	EB LANES	29.0' RT	EB LANES	19.7' RT	8	9.4	9.4							
CT-65	103RD ST	WB LANES	20.3' LT	CENTERLINE	0.0' RT	8	20.5	20.5							
CT-66	EB STNY LINE E	925+88.2	122.4' LT	926+73.8	126.6' LT	12	81.7		81.7						
CT-67	EB STNY LINE F	926+75.9	131.9' RT	927+22.6	163.0' RT	15	52.1		52.1						
CT-68	EB STNY LINE F	926+12.9	129.9' RT	926+75.9	131.9' RT	10	59.0	59.0							
TOTAL							6663.0	1332.9	172.0	1054.3	1141.6	417.2	309.3	1427.1	808.6

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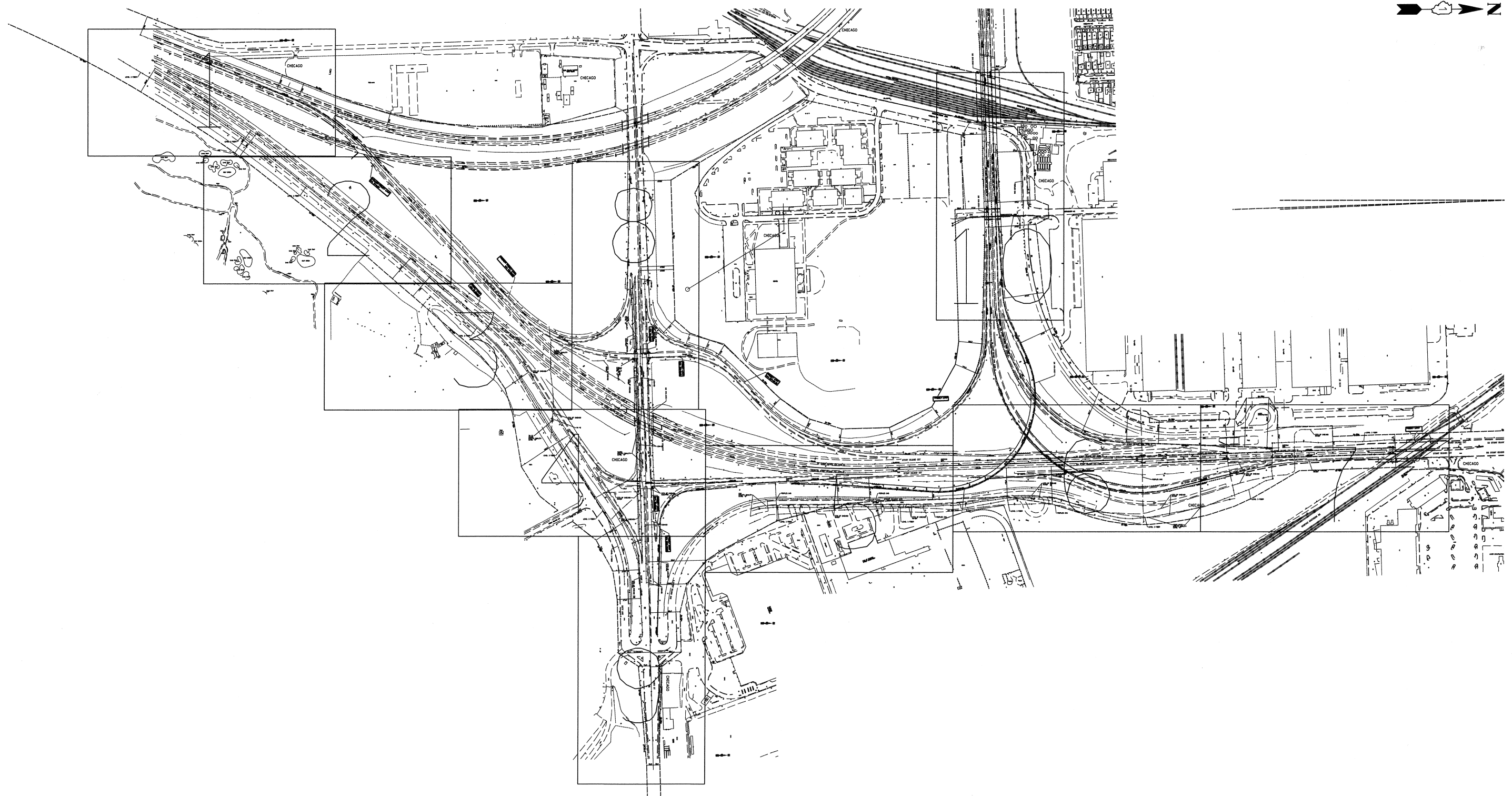
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	PLOT DATE = 12/7/2012	DATE - 11/08/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULES

SCALE: SHEET NO. 4 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	95A
CONTRACT NO. 60V61			ILLINOIS FED. AID PROJECT	

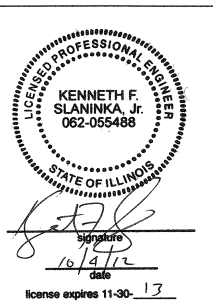


— A — A —	AERIAL UTILITY
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— G — G —	GAS
— E — E —	ELECTRIC
— W — W —	WATER
— FO — FO —	FIBER OPTIC
— S — S —	SEWER
⊕	TBE TEST HOLE

UTILITY OWNERS	
AT&T = TELEPHONE	
CITY OF CHICAGO = ELECTRIC	
CITY OF CHICAGO = WATER	
COM-ED = ELECTRIC	
LEVEL 3 = FIBER OPTIC	
PEOPLES = GAS	

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



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

TBE Job No. IL09510463, 507, 511
SUE Plan Page: Cover

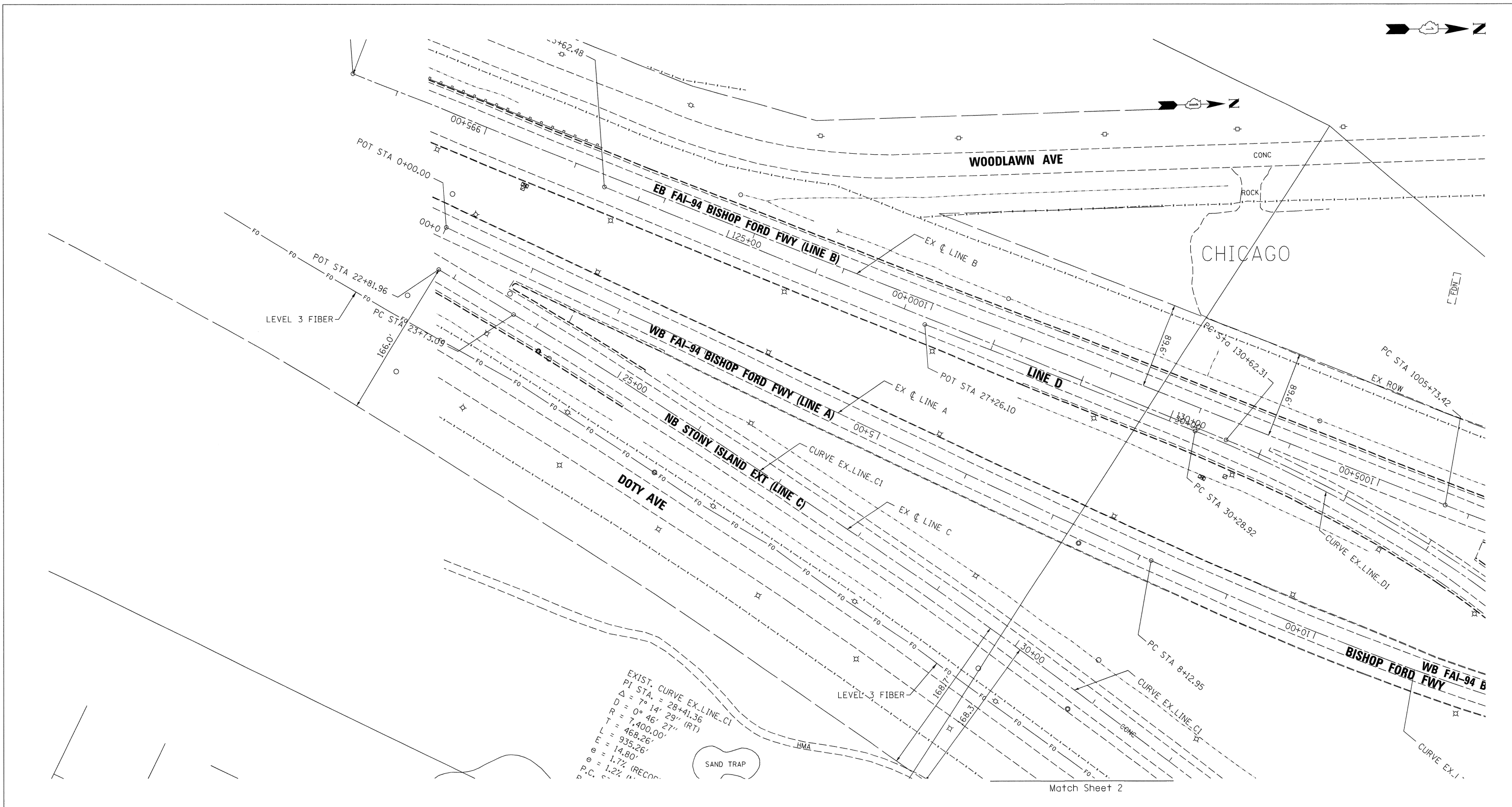
Utility Quality Level "A" : Visually Verified Test Hole
Utility Quality Level "B" : Designating/Test Holes not Visually Verified
Utility Quality Level "C" : Research with Survey
Utility Quality Level "D" : Records Research

DESIGNED	EG	REVISED	9/07/12 ADDED TH 1-2
DRAWN	KLC	REVISED	10/02/12 ADDED TH 3
CHECKED	KFS	REVISED	
DATE	3/06/12	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-94 at Stony Island
Chicago, IL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	96
FED. ROAD DIST. NO.			ILLINOIS IDOT Project No.	
			Contract No. 60V61	



EXIST. CURVE EX-LINE-C1
 PI STA. = 28+41.36
 $\Delta = 7^\circ 14' 29''$ (RT)
 $D = 0^\circ 46' 27''$
 $R = 7,400.00'$
 $T = 468.26'$
 $L = 935.26'$
 $e = 14.80'$
 $\theta = 1.7\%$ (RECORD)
 $P.P.C. = 1.2\%$

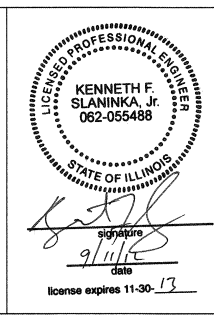
Match Sheet 2

— A — A —	AERIAL UTILITY
- - - - -	UNKNOWN
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— G — G —	GAS
— E — E —	ELECTRIC
— W — W —	WATER
— FO — FO —	FIBER OPTIC
— S — S —	SEWER
— * — * —	TBE TEST HOLE

UTILITY OWNERS	
AT&T = TELEPHONE	
CITY OF CHICAGO = ELECTRIC	
CITY OF CHICAGO = WATER	
COM-ED = ELECTRIC	
LEVEL 3 = FIBER OPTIC	
PEOPLES = GAS	

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TBE Job No. IL09510463
 SUE Plan Page: 1 of 10

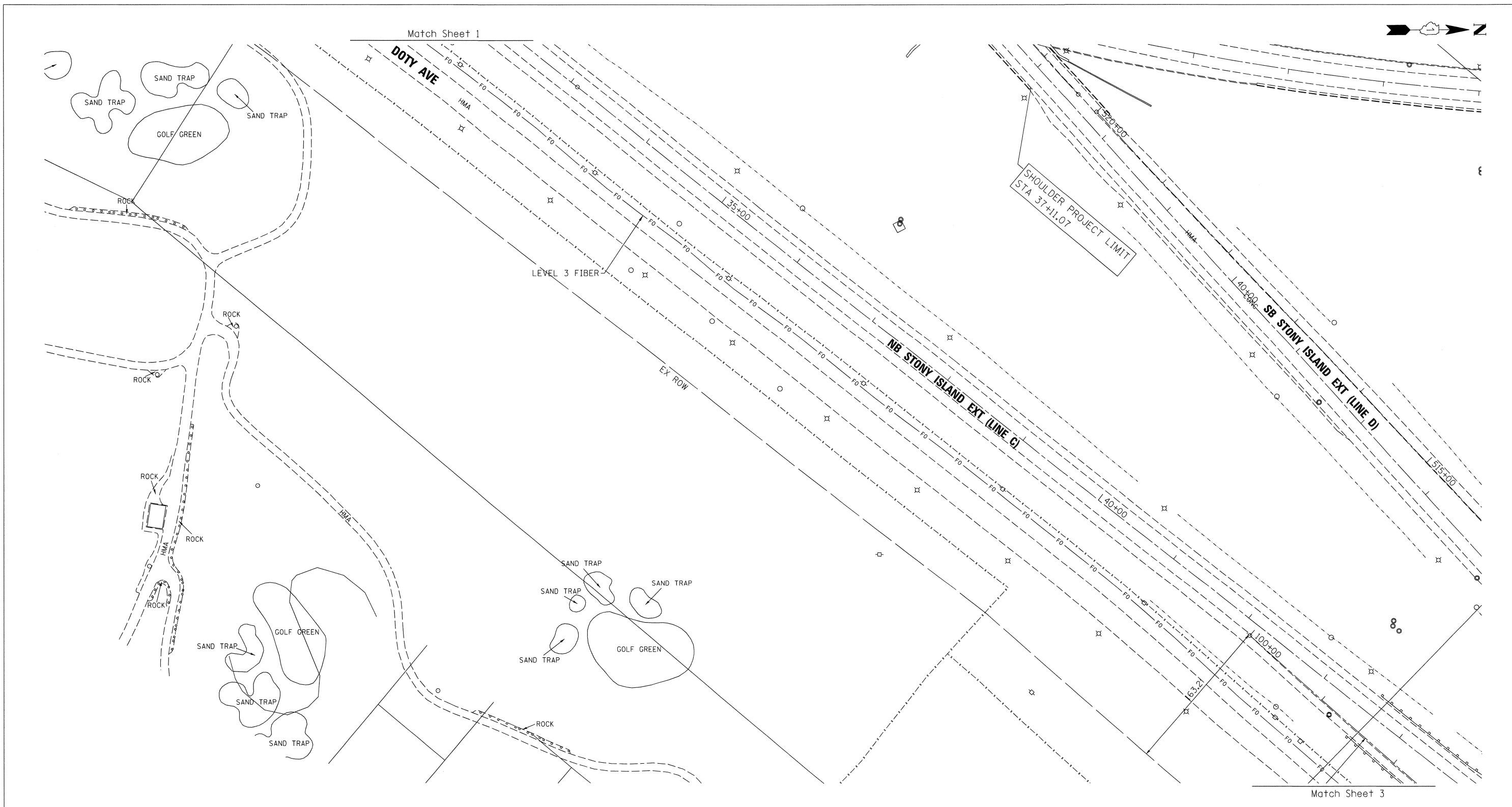
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 Utility Quality Level "C" : Research with Survey
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DESIGNED	EG	REVISED	
DRAWN	KLC	REVISED	
CHECKED	KFS	REVISED	
DATE	3/06/12	REVISED	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-94 at Stony Island
 Chicago, IL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	97
FED. ROAD DIST. NO.		ILLINOIS	IDOT Project No.	
			Contract No. 60V61	



Match Sheet 1

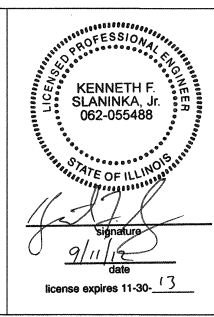
Match Sheet 3

— A — A —	AERIAL UTILITY
- - - - -	UNKNOWN
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— G — G —	GAS
— E — E —	ELECTRIC
— W — W —	WATER
— FO — FO —	FIBER OPTIC
- - - - -	SEWER
⊕	TBE TEST HOLE

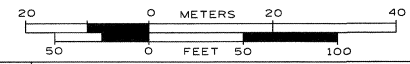
UTILITY OWNERS	
AT&T = TELEPHONE	
CITY OF CHICAGO = ELECTRIC	
CITY OF CHICAGO = WATER	
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LEVEL 3 = FIBER OPTIC	
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TBE Job No. IL09510463
SUE Plan Page: 2 of 10



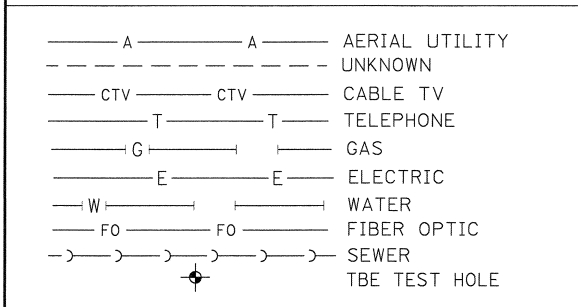
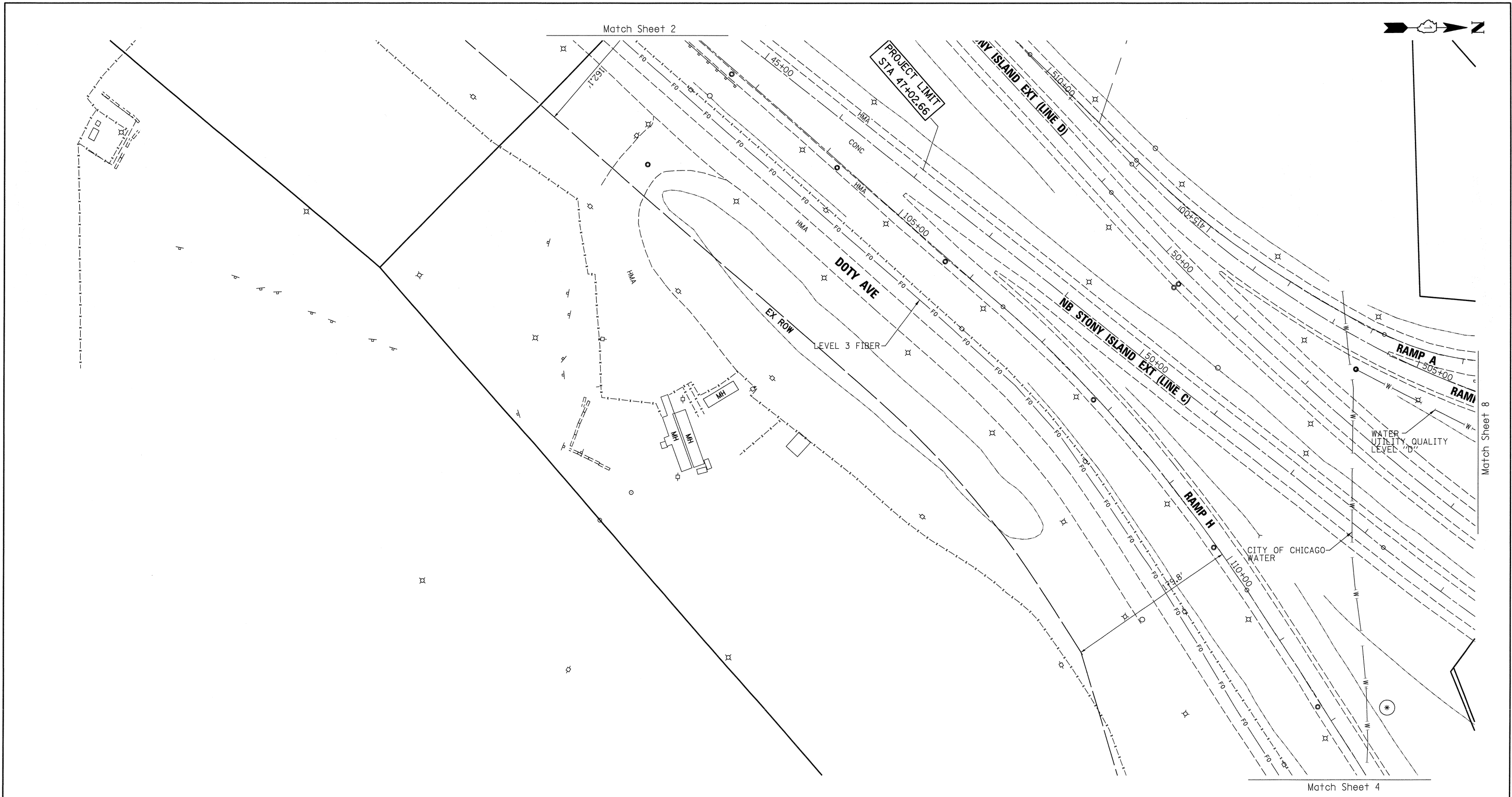
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DESIGNED	EG	REVISED	
DRAWN	KLC	REVISED	
CHECKED	KFS	REVISED	
DATE	3/06/12	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-94 at Stony Island
Chicago, IL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	98
Contract No. 60V61				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.				



UTILITY OWNERS	
AT&T = TELEPHONE	
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CITY OF CHICAGO = WATER	
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Rev. 10/02/12 - Modified alignment of water line due to TH #3 (Area marked by asterisk () only). Cardno TBE's SUE field investigation was performed on 9/28/12. Changes to utilities after 9/28/12 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.

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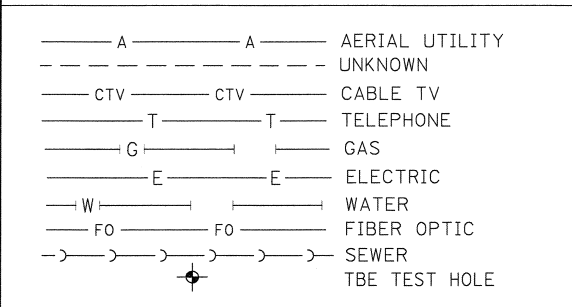
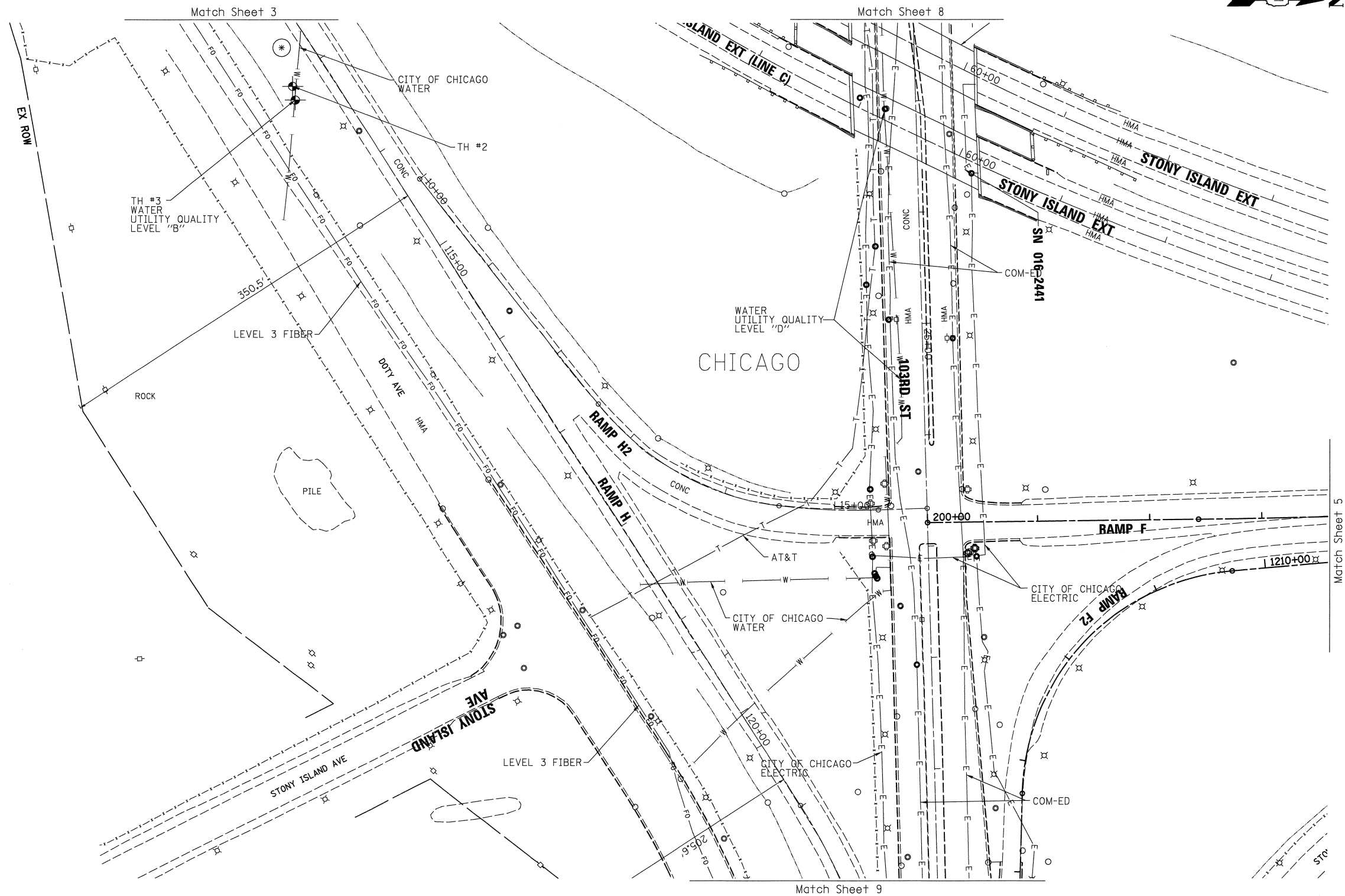
DESIGNED	EG	REVISED	9/07/12
DRAWN	KLC	REVISED	10/02/12
CHECKED	KFS	REVISED	
DATE	3/06/12	REVISED	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-94 at Stony Island
Chicago, IL**

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	99
FED. ROAD DIST. NO.		ILLINOIS IDOT Project No.		
		Contract No. 60V61		

TBE Job No. IL09510463, 507, 511
SUE Plan Pages 3 of 10

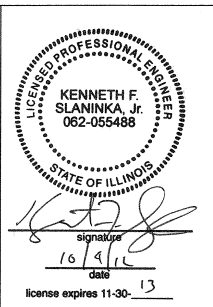


UTILITY OWNERS	
AT&T	= TELEPHONE
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CITY OF CHICAGO	= WATER
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TBE Job No. IL09510463, 507, 511
SUE Plan Page: 4 of 10

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DESIGNED	EG	REVISED	9/07/12 ADDED TH 1-2
DRAWN	KLC	REVISED	10/02/12 ADDED TH 3
CHECKED	KFS	REVISED	
DATE	3/06/12	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-94 at Stony Island
Chicago, IL

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	100
Contract No. 60V61				
FED. ROAD DIST. NO. [ILLINOIS] IDOT Project No.				