

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 2012-059-BR  
PROJECT : NHPP-0094(402)

BRIDGE AND ROADWAY REHABILITATION  
COOK COUNTY

C-91-184-10

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	1
ILLINOIS			CONTRACT 60J12	

D-91-184-10



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

**DESIGN DESIGNATION**

STONY ISLAND EXTENTION  
3110(30) Other Marked State Route 14.27 (PCC-20)

STONY ISLAND CONNECTOR  
3402(30) Other Marked State Route 23.16 (PCC-20)

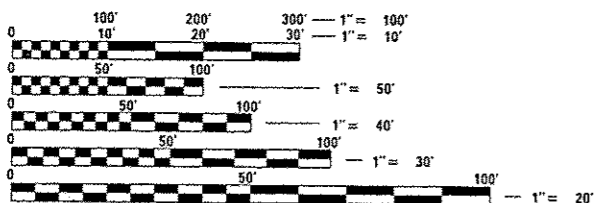
**TRAFFIC DATA**

STONY ISLAND CONNECTOR  
AVERAGE DAILY TRAFFIC (ADT)  
EXISTING: 45,900 (2009)  
DESIGN: 45,900 (2030)  
SPEED LIMIT: 55/60 mph

STONY ISLAND EXTENSION -  
SOUTH OF CONNECTOR  
AVERAGE DAILY TRAFFIC (ADT) :  
EXISTING: 42,700 (2009)  
DESIGN: 46,000 (2030)  
SPEED LIMIT: 55/60 mph

STONY ISLAND EXTENSION -  
NORTH OF CONNECTOR  
AVERAGE DAILY TRAFFIC (ADT) :  
EXISTING: 64,600 (2009)  
DESIGN: 65,200 (2030)  
SPEED LIMIT: 45/50 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

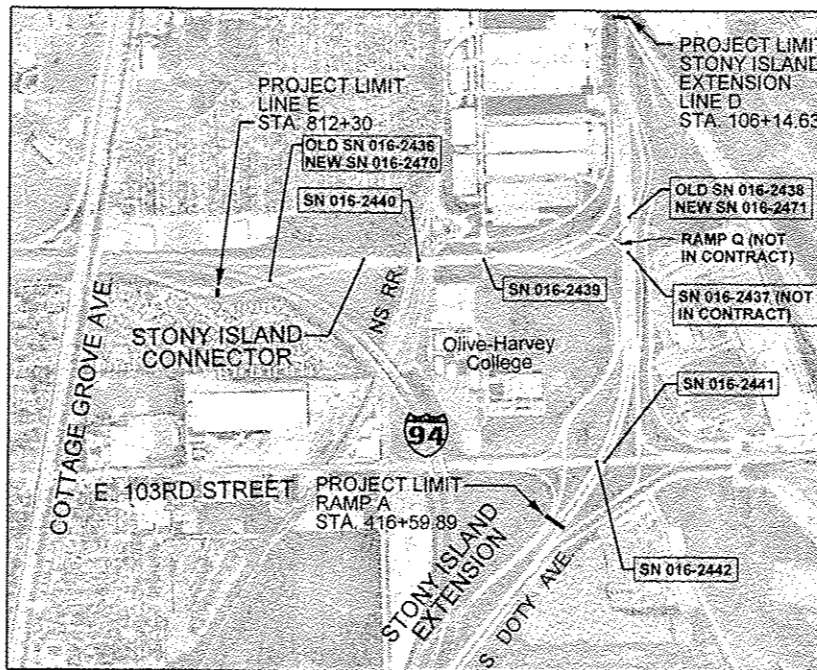
CONTRACT NO. 60J12



SIGNED: *[Signature]*  
ROBERT ISRAEL, P.E.  
DATE: 3/11/13  
EXPIRES: 11/30/2013  
SHEETS: \_\_\_\_\_



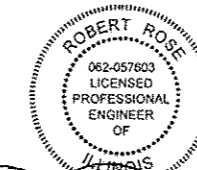
SIGNED: *[Signature]*  
GHULAM MASOOM KAMAL, S.E.  
DATE: 3/12/2013  
EXPIRES: 11/30/2014  
SHEETS: \_\_\_\_\_



LOCATION MAP



GROSS LENGTH = 5,817.77 FT = 1.102 MILE = NET LENGTH



SIGNED: *[Signature]*  
ROBERT ROSE, P.E.  
DATE: 3/11/13  
EXPIRES: 11/30/2013  
SHEETS: \_\_\_\_\_



SIGNED: *[Signature]*  
BRENT KUNZ, S.E.  
DATE: 3/11/13  
EXPIRES: 11/30/2014  
SHEETS: \_\_\_\_\_



SIGNED: *[Signature]*  
ROBERT SWANSON, P.E.  
DATE: 3/12/13  
EXPIRES: 11/30/2013  
SHEETS: \_\_\_\_\_

BOWMAN, BARRETT & ASSOCIATES INC.  
CONSULTING ENGINEERS  
Chicago, Illinois  
312.228.0100  
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED March 14, 2013

*[Signature]*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 10, 2013  
*[Signature]*  
ENGINEER OF DESIGN AND ENVIRONMENT

May 10, 2013  
*[Signature]*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**

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 001001-02 AREAS OF REINFORCEMENT BARS  
 001006 DECIMAL OF AN INCH AND OF A FOOT  
 280001-07 TEMPORARY EROSION CONTROL SYSTEMS  
 420001-07 PAVEMENT JOINTS  
 420101-04 24' JOINTED PCC PAVEMENT  
 420106-04 36' JOINTED PCC PAVEMENT  
 420201-07 ENTRANCE RAMP TERMINAL (JOINTED PCC RAMP PAVEMENT ADJACENT TO JOINTED PCC MAINLINE PAVT)  
 420301-04 EXIT RAMP TERMINAL (JOINTED PCC RAMP PAVEMENT ADJACENT TO JOINT PCC MAINLINE PAVT)  
 420401-09 BRIDGE APPROACH PAVEMENT CONNECTOR  
 482001-02 HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT  
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 482011-03 HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING FOR WIDENING AND RESURFACING PROJECTS  
 515001-03 NAME PLATE FOR BRIDGES  
 601101-01 CONCRETE HEADWALL FOR PIPE DRAIN  
 602001-02 CATCH BASIN TYPE A  
 602106-01 DRAINAGE STRUCTURES, TYPES 4, 5, & 6  
 602401-03 MANHOLE, TYPE A  
 602601-02 PRECAST REINFORCED CONCRETE FLAT SLAB TOP  
 602701-02 MANHOLE STEPS  
 604001-03 FRAME AND LIDS TYPE 1  
 604071-04 FRAME AND GRATE TYPE 20  
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 606001-05 CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER  
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 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY  
 701400-06 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY  
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 701411-08 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >= 45 MPH  
 701422-05 LANE CLOSURE, MULTILANE, FOR SPEEDS >= 45MPH TO 55 MPH  
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 701601-08 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN  
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 781001-03 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

**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 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 ABUTTING 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 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 GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.

**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.

**HMA NOTES**

- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX SURFACE MIXTURES IS 112 LBS/50 YD/INCH THICKNESS.
- PCC TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS, 10" THICK
- 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."
- FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS

**HOT-MIX ASPHALT REQUIREMENTS**

MIXTURE TYPE	AIR VOIDS @ Ndes	THICKNESS
TYPICAL RAMP, STONY ISLAND EXTENSION AND SHOULDER RESURFACING POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL 4.75, N50 POLYMERIZED HMA SURFACE COURSE, MIX "F", N90 (IL 9.5mm)	3.5% @ 50 GYR 4% @ 90 GYR	3/4" - 1" 1 3/4"
RAMP D RESURFACING WITH CROSS SLOPE CORRECTION LEVELING BINDER (MACHINE METHOD), N70 (IL 9.5mm) POLYMERIZED HMA SURFACE COURSE, MIX "F", N90 (IL 9.5mm)	4% @ 70 GYR 4% @ 90 GYR	3/4" - 2 1/4" 1 3/4"
HOT-MIX ASPHALT SHOULDER, 10" HMA BINDER COURSE, IL 19.0, N70 POLYMERIZED HMA SURFACE COURSE, MIX "F", N90 (IL 9.5mm)	4% @ 70 GYR 4% @ 90 GYR	2 1/4" MIN 1 3/4"
TEMPORARY PAVEMENT TEMP PVT (INTERSTATE) (HMA BINDER IL-19.0mm), 10" HMA SURFACE COURSE, MIX "D", N70 (IL 9.5mm), 2"	4% @ 70 GYR 4% @ 70 GYR	2 1/4" MIN 2"
STABILIZED SUBBASE HOT-MIX ASPHALT, 4 1/2" STABILIZED SUBBASE HMA, (IL-19.0 mm)	3% @ 50 GYR	4 1/2"

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FILE NAME *	USER NAME * default	DESIGNED - RGR	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, GENERAL NOTES</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
*FILE#		DRAWN - RGR	REVISED -			94	2012-059-BR	COOK	631	2	
	PLOT SCALE * #SCALE#	CHECKED -	REVISED -			CONTRACT NO. 60J12					
	PLOT DATE * 4/29/2013	DATE - 03/29/2013	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.				

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URBAN  
90% FED.  
10% STATE

CONSTRUCTION CODE

CODE NO	ITEM	UNIT	TOTAL QUANTITY	① ROADWAY 0004 URBAN	② BRIDGE 0011 SN 016-2439	③ BRIDGE 0011 SN 016-2440	④ BRIDGE 0014 SN 016-2441	⑤ BRIDGE 0014 SN 016-2442	⑥ 2436 BRIDGE 0011 SN 016-2470	⑦ 2438 BRIDGE 0011 SN 016-2471	⑧ SAFETY 0021 URBAN
20101000	TEMPORARY FENCE	FOOT	1,770	1,770							
20200100	EARTH EXCAVATION	CU YD	20,718	20,718							
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	9,606	9,606							
20400800	FURNISHED EXCAVATION	CU YD	14,722	14,722							
20800150	TRENCH BACKFILL	CU YD	831	831							
* 21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	24,849	24,849							
* 21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	1556	1556							
* 25000210	SEEDING, CLASS 2A	ACRE	11	11							
* 25000310	SEEDING, CLASS 4	ACRE	7	7							
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	330	330							
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	110	110							
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	990	990							
* Δ 25000750	MOWING	ACRE	6	6							
* 25003310	INTERSEEDING, CLASS 4	ACRE	7	7							

Δ NON-PARTICIPATING (100% STATE)

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\* Specialty Items

Rev.

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#FILE#		DRAWN - OC	REVISED -		SCALE: NA	SHEET NO. 1 OF 24 SHEETS	STA.	TO STA.	94	2012-059-BR	COOK	631	3
		CHECKED - RGR	REVISED -		ILLINOIS FED. AID PROJECT			CONTRACT NO. 60J12					
	PLOT SCALE * #SCALE*	DATE - 03/29/2013	REVISED -										

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10% STATE

CONSTRUCTION CODE

CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	BRIDGE 0011 SN 016-2439	BRIDGE 0011 SN 016-2440	BRIDGE 0014 SN 016-2441	BRIDGE 0014 SN 016-2442	BRIDGE 0011 SN 016-2470	BRIDGE 0011 SN 016-2471	SAFETY 0021 URBAN
*25100135	MULCH, METHOD 4	ACRE	9	9							
*25100630	EROSION CONTROL BLANKET	SQ YD	121,000	121,000							
*25100900	TURF REINFORCEMENT MAT	SQ YD	353	353							
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	813	813							
28000305	TEMPORARY DITCH CHECK	FOOT	35	35							
28000400	PERIMETER EROSION BARRIER	FOOT	17,140	17,140							
28000510	INLET FILTERS	EACH	7	7							
28100101	STONE RIPRAP, CLASS A1	SQ YD	68	68							
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	9,606	9,606							
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	53,551	53,551							
31200502	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"	SQ YD	27,184	27,184							
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	8,303	8,303							
40600300	AGGREGATE (PRIME COAT)	TON	94	94							
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	256	256							

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	PLOT DATE - 4/4/2013	DATE - 03/29/2013	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 2 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	4
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

\* Specialty Items

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CONSTRUCTION CODE

CODE NO	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				ROADWAY 0004 URBAN	BRIDGE 0011 SN 016-2439	BRIDGE 0011 SN 016-2440	BRIDGE 0014 SN 016-2441	BRIDGE 0014 SN 016-2442	BRIDGE 0011 SN 016-2470	BRIDGE 0011 SN 016-2471	SAFETY 0021 URBAN	
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	1,979	1,979								
40600895	CONSTRUCTING TEST STRIP	EACH	2	2								
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90	TON	4,617	4,617								
42000401	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SQ YD	4,787	4,787								
42000511	PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)	SQ YD	22,340	22,340								
42001420	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	SQ YD	121	121								
44000100	PAVEMENT REMOVAL	SQ YD	42,440	42,440								
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	45,029	45,029								
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	772	772								
44001980	CONCRETE BARRIER REMOVAL	FOOT	3,865	3,865								
44004250	PAVED SHOULDER REMOVAL	SQ YD	31,548	31,548								
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	5,383	5,383								
48203037	HOT-MIX ASPHALT SHOULDERS, 10"	SQ YD	7,184	7,184								
48300400	PORTLAND CEMENT CONCRETE SHOULDERS 9"	SQ YD	1,896	1,896								

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	PLOT SCALE - 4SCALE#	CHECKED - RGR	REVISED -
	PLOT DATE - 4/4/2013	DATE - 03/29/2013	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE: NA	SHEET NO. 3 OF 24 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	5
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

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48300510	PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"	SO YD	17,223	17,223							
50100300	REMOVAL OF EXISTING STRUCTURE NO. 1	EACH	1						1		
50100400	REMOVAL OF EXISTING STRUCTURE NO. 2	EACH	1							1	
50101500	REMOVAL OF EXISTING SUPERSTRUCTURES	EACH	1		1						
50102400	CONCRETE REMOVAL	CU YD	340.4		71.0	103.4	83.0	83.0			
50104650	SLOPE WALL REMOVAL	SO YD	99			99					
50104720	REMOVAL OF EXISTING CONCRETE DECK	EACH	1			1					
50157300	PROTECTIVE SHIELD	SO YD	6,293			3,960			1,373	960	
50200100	STRUCTURE EXCAVATION	CU YD	5,010			390			3,070	2,342	
50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	515							515	
50300225	CONCRETE STRUCTURES	CU YD	1,040.4			89.8	68.1	68.1	440.1	367.3	7
50300255	CONCRETE SUPERSTRUCTURE	CU YD	3,206.9			1,815.8	215.4	215.4	546.8	413.5	
50300260	BRIDGE DECK GROOVING	SO YD	9,572			5,245	925	925	1,463	1,014	
50300300	PROTECTIVE COAT	SO YD	12,286			6,659	1,196	1,196	1,861	1,374	

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 4 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	6
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

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CONSTRUCTION CODE

CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	BRIDGE 0011 SN 016-2439	BRIDGE 0011 SN 016-2440	BRIDGE 0014 SN 016-2441	BRIDGE 0014 SN 016-2442	BRIDGE 0011 SN 016-2470	BRIDGE 0011 SN 016-2471	SAFETY 0021 URBAN
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1			0.10			0.45	0.45	
50500505	STUD SHEAR CONNECTORS	EACH	25,977			13,572			7,728	4,677	
50800105	REINFORCEMENT BARS	POUND	156	156							
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	804,410			385,470	53,295	53,295	175,210	137,140	
50800515	BAR SPLICERS	EACH	5,124			1,691			2,318	1,115	
51100100	SLOPE WALL 4 INCH	SO YD	99			99					
51200957	FURNISHING METAL SHELL PILES 12" X 0.250"	FOOT	4,772						2,354	2,418	
51200959	FURNISHING METAL SHELL PILES 14" X 0.312"	FOOT	1,400						1,400		
51202305	DRIVING PILES	FOOT	6,172						3,754	2,418	
51203200	TEST PILE METAL SHELLS	EACH	6						3	3	
51500100	NAME PLATES	EACH	3			1			1	1	
52000110	PREFORMED JOINT STRIP SEAL	FOOT	650			184	108	108	138	112	
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	24						12	12	
52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	26			26					

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		DATE - 03/29/2013	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 5 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	7
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

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CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	BRIDGE 0011 SN 016-2439	BRIDGE 0011 SN 016-2440	BRIDGE 0014 SN 016-2441	BRIDGE 0014 SN 016-2442	BRIDGE 0011 SN 016-2470	BRIDGE 0011 SN 016-2471	SAFETY 0021 URBAN
52100510	ANCHOR BOLTS, 3/4"	EACH	24							24	
52100520	ANCHOR BOLTS, 1"	EACH	180			156			24		
52100530	ANCHOR BOLTS, 1 1/4"	EACH	12						12		
52100540	ANCHOR BOLTS, 1 1/2"	EACH	36				12	12		12	
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	9	9							
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	749	749							
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	1,550	1,550							
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	131	131							
55100300	STORM SEWER REMOVAL 8"	FOOT	368	368							
55100400	STORM SEWER REMOVAL 10"	FOOT	5	5							
55100500	STORM SEWER REMOVAL 12"	FOOT	1,175	1,175							
55100700	STORM SEWER REMOVAL 15"	FOOT	77	77							
58700300	CONCRETE SEALER	SQ FT	4,354						1,421	2,935	
59000200	EPOXY CRACK INJECTION	FOOT	679			229	148	302			

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 6 OF 24 SHEETS STA. TO STA.

F.A.I. RTE. 94	SECTION 2012-059-BR	COUNTY COOK	TOTAL SHEETS 631	SHEET NO. 8
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

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CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	BRIDGE 0011 SN 016-2439	BRIDGE 0011 SN 016-2440	BRIDGE 0014 SN 016-2441	BRIDGE 0014 SN 016-2442	BRIDGE 0011 SN 016-2470	BRIDGE 0011 SN 016-2471	SAFETY 0021 URBAN
59100100	GEOCOMPOSITE WALL DRAIN	SO YD	216			216					
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	8	8							
60100945	PIPE DRAINS 12"	FOOT	26	26							
60107700	PIPE UNDERDRAINS 6"	FOOT	3,169	3,169							
60108200	PIPE UNDERDRAIN 6" (SPECIAL )	FOOT	412	412							
60200105	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	10	10							
60200805	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 8 GRATE	EACH	5	5							
60201310	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 20 FRAME AND GRATE	EACH	11	11							
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1	1							
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	1	1							
60250200	CATCH BASINS TO BE ADJUSTED	EACH	5	5							
Δ 60255410	CATCH BASINS TO BE CLEANED	EACH	48	48							
60255500	MANHOLES TO BE ADJUSTED	EACH	31	31							

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STATE OF ILLINOIS  
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SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 7 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	9
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

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CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	BRIDGE 0011 SN 016-2439	BRIDGE 0011 SN 016-2440	BRIDGE 0014 SN 016-2441	BRIDGE 0014 SN 016-2442	BRIDGE 0011 SN 016-2470	BRIDGE 0011 SN 016-2471	SAFETY 0021 URBAN
60258200	MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	2	2							
60260100	INLETS TO BE ADJUSTED	EACH	1	1							
60270050	DRAINAGE STRUCTURES, TYPE 4 WITH TWO TYPE 20 FRAME AND GRATES	EACH	16	16							
60270055	DRAINAGE STRUCTURES, TYPE 5 WITH TWO TYPE 22 FRAME AND GRATES	EACH	3	3							
60500040	REMOVING MANHOLES	EACH	3	3							
60500050	REMOVING CATCH BASINS	EACH	29	29							
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	3	3							
60600605	CONCRETE CURB, TYPE B	FOOT	634	634							
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	105	105							
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	303	303							
60900515	CONCRETE THRUST BLOCKS	EACH	2	2							
61000115	TYPE E INLET BOX, STANDARD 610001	EACH	2	2							
*63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	3,963	3,963							
*63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	7	7							

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 8 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	10
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60J12	

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CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	BRIDGE 0011 SN 016-2439	BRIDGE 0011 SN 016-2440	BRIDGE 0014 SN 016-2441	BRIDGE 0014 SN 016-2442	BRIDGE 0011 SN 016-2470	BRIDGE 0011 SN 016-2471	SAFETY 0021 URBAN
* 63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	3	3							
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	11	11							
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	15	15							
63200310	GUARDRAIL REMOVAL	FOOT	11,017	11,017							
63700155	CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT	FOOT	319	319							
63700275	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT	FOOT	4,798	4,798							
63700805	CONCRETE BARRIER TRANSITION	FOOT	144	144							
63700900	CONCRETE BARRIER BASE	FOOT	6,500	6,500							
63801200	MODULAR GLARE SCREEN SYSTEM	FOOT	5,870	5,870							
64300260	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	2							
66400105	CHAIN LINK FENCE, 4'	FOOT	56	56							
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	60,000	60,000							
67100100	MOBILIZATION	L SUM	1	1							
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1							
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	110	110							
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	6	6							
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	28,630	28,630							
* 66901000	BACKFILL PLUGS	CU YD	20	20							

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STATE OF ILLINOIS  
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SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 9 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	11
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

\*Specialty Items

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CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	BRIDGE 0011 SN 016-2439	BRIDGE 0011 SN 016-2440	BRIDGE 0014 SN 016-2441	BRIDGE 0014 SN 016-2442	BRIDGE 0011 SN 016-2470	BRIDGE 0011 SN 016-2471	SAFETY 0021 URBAN
70301000	WORKZONE PAVEMENT MARKING REMOVAL	SO FT	64,310	64,310							
70400100	TEMPORARY CONCRETE BARRIER	FOOT	17,940	17,940							
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	23,934	23,934							
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	9	9							
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	3	3							
70600270	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3	EACH	2	2							
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	3	3							
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	5	5							
*72000100	SIGN PANEL - TYPE 1	SO FT	44								44
*72000200	SIGN PANEL - TYPE 2	SO FT	176								176
*72000300	SIGN PANEL - TYPE 3	SO FT	1,542								1,542
*72200100	DEMOUNTABLE LEGEND CHARACTERS AND ARROWS	EACH	7								7
*72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	1								1
*72400310	REMOVE SIGN PANEL, TYPE 1	SO FT	54.00								54

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	PLOT SCALE	CHECKED	REVISED		ILLINOIS FED. AID PROJECT				CONTRACT NO. 60J12				
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CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	BRIDGE 0011 SN 016-2439	BRIDGE 0011 SN 016-2440	BRIDGE 0014 SN 016-2441	BRIDGE 0014 SN 016-2442	BRIDGE 0011 SN 016-2470	BRIDGE 0011 SN 016-2471	SAFETY 0021 URBAN
*72400320	REMOVE SIGN PANEL, TYPE 2	SO FT	32								32
*72400330	REMOVE SIGN PANEL, TYPE 3	SO FT	848.0								848
*72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	480								480
*72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	19								19
*73000100	WOOD SIGN SUPPORT	FOOT	250								250
*73300100	OVERHEAD SIGN STRUCTURE-SPAN TYPE I-A (4'-0" X 4'-6")	FOOT	264								264
*73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	92								92
*73600100	REMOVE OVERHEAD SIGN STRUCTURE-SPAN	EACH	3								3
*73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	3								3
*73700300	REMOVE CONCRETE FOUNDATION-OVERHEAD	EACH	6								6
*78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	157	157							
*78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	28,630	28,630							
*78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	8,726	8,726							
*78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,936	1,936							

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STATE OF ILLINOIS  
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SUMMARY OF QUANTITIES	
SCALE: NA	SHEET NO. 11 OF 24 SHEETS STA. TO STA.

F.A.I. R/E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	13
CONTRACT NO. 60J12				
ILLINOIS FED. AID PROJECT				

*\*Specialty Items*

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CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	BRIDGE 0011 SN 016-2439	BRIDGE 0011 SN 016-2440	BRIDGE 0014 SN 016-2441	BRIDGE 0014 SN 016-2442	BRIDGE 0011 SN 016-2470	BRIDGE 0011 SN 016-2471	SAFETY 0021 URBAN
*78004210	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4"	FOOT	630	630							
*78004220	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 5"	FOOT	2,648	2,648							
*78004240	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 8"	FOOT	182	182							
*78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	37	37							
*78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	22,309	22,309							
*78008220	POLYUREA PAVEMENT MARKING TYPE I - LINE 5"	FOOT	1,409	1,409							
*78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	6,802	6,802							
*78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	2,318	2,318							
*78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	687	687							
*78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	43	43							
*78200410	GUARDRAIL MARKERS, TYPE A	EACH	75	75							
*78200530	BARRIER WALL MARKERS, TYPE C	EACH	6,635	6,635							
*78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	15	15							
78300100	PAVEMENT MARKING REMOVAL	SQ FT	15,263	15,263							

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SUMMARY OF QUANTITIES	
SCALE: NA	SHEET NO. 12 OF 24 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	14
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

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CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	BRIDGE 0011 SN 016-2439	BRIDGE 0011 SN 016-2440	BRIDGE 0014 SN 016-2441	BRIDGE 0014 SN 016-2442	BRIDGE 0011 SN 016-2470	BRIDGE 0011 SN 016-2471	SAFETY 0021 URBAN
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	518	518							
80400100	ELECTRIC SERVICE INSTALLATION	EACH	3								3
80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1								1
*81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	2,000								2,000
*81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	2,799								2,799
*81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	863								863
*81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	115								115
*81028730	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA.	FOOT	1,000								1,000
*81028750	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	1,500								1,500
*81028790	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 4" DIA.	FOOT	1,500								1,500
*81100300	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., GALVANIZED STEEL	FOOT	355								355
*81101005	CONDUIT ATTACHED TO STRUCTURE, 4" DIA., PVC COATED GALVANIZED STEEL	FOOT	1,460								1,460
*81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	941								941
*81200270	CONDUIT EMBEDDED IN STRUCTURE, 4" DIA., PVC	FOOT	3520								3520

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#FILE#		DRAWN - OC	REVISED -					94	2012-059-BR	COOK	631	15
	PLOT SCALE * #SCALE#	CHECKED - RGR	REVISED -		SCALE: NA SHEET NO. 13 OF 24 SHEETS STA. TO STA.			CONTRACT NO. 60J12				
	PLOT DATE * 4/1/2013	DATE - 03/29/2013	REVISED -					ILLINOIS FED. AID PROJECT				

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CONSTRUCTION CODE

CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	BRIDGE 0011 SN 016-2439	BRIDGE 0011 SN 016-2440	BRIDGE 0014 SN 016-2441	BRIDGE 0014 SN 016-2442	BRIDGE 0011 SN 016-2470	BRIDGE 0011 SN 016-2471	SAFETY 0021 URBAN
*81300100	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 4" X 4" X 3"	EACH	16								16
*81300730	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 16" X 14" X 6"	EACH	2								2
*81300960	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 42" X 36" X 12"	EACH	12								12
*81400200	HEAVY-DUTY HANDHOLE	EACH	52								52
*81603032	UNIT DUCT, 600V, 2-1C NO. 4, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	4,768								4,768
*81603065	UNIT DUCT, 600V, 2-1C NO. 2, 1/C NO. 2 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	410								410
*81603081	UNIT DUCT, 600V, 3-1C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	30,063								30,063
*81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1,136								1,136
*81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	2,020								2,020
*81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	6,060								6,060
*81702220	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C 350 MCM	FOOT	2,493								2,493
*81800300	AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	12,475								12,475
*82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	176								176
*83050715	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 6 FT. DAVIT ARM	EACH	5								5

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 14 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	16
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

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CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	BRIDGE 0011 SN 016-2439	BRIDGE 0011 SN 016-2440	BRIDGE 0014 SN 016-2441	BRIDGE 0014 SN 016-2442	BRIDGE 0011 SN 016-2470	BRIDGE 0011 SN 016-2471	SAFETY 0021 URBAN
*83050825	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. DAVIT ARM	EACH	137								137
*83050945	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 2-10 FT. DAVIT ARMS	EACH	17								17
*83057355	LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15FT MAST ARM	EACH	53								53
*83057475	LIGHT POLE, WOOD, 90 FOOT, CLASS 3, WITH 15FT MAST ARM	EACH	2								2
*83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	1,463								1,463
*83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	137								137
*84100110	REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	70								70
*84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	152								152
*84200804	REMOVAL OF POLE FOUNDATION	EACH	152								152
*84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	8								8
*84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	2								2
*84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	3								3
*87000885	ELECTRIC CABLE ASSEMBLY IN CONDUIT, 600V (XLP-TYPE TC) 2/C NO. 6 AND NO. 8	FOOT	2000								2000
*87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4,600								4,600
*87800200	CONCRETE FOUNDATION, TYPE D	FOOT	16								16

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 15 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	17
			CONTRACT NO. 60J12	
ILLINOIS FED. AID PROJECT				

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CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	BRIDGE 0011 SN 016-2439	BRIDGE 0011 SN 016-2440	BRIDGE 0014 SN 016-2441	BRIDGE 0014 SN 016-2442	BRIDGE 0011 SN 016-2470	BRIDGE 0011 SN 016-2471	SAFETY 0021 URBAN
*89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	350								350
*89502380	REMOVE EXISTING HANDHOLE	EACH	1								1
*89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	5								5
*A2000112	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 1-1/2" CALIPER, BALLED AND BURLAPPED	EACH	75	75							
*A2006414	TREE, QUERCUS ALBA (WHITE OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	25	25							
*A2006514	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	146	146							
*A2006712	TREE, QUERCUS MACROCARPA (BUR OAK), 1-1/2" CALIPER, BALLED AND BURLAPPED	EACH	102	102							
*A2016614	TREE, QUERCUS ELLIPSOIDALIS (HILL'S OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	140	140							
*B2001664	TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 5' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	25	25							
*C2C01424	SHRUB, CORNUS AMOMUM (SILKY DOGWOOD), 2' HEIGHT, CONTAINER	EACH	100	100							
*C2C06024	SHRUB, RHUS TYPHINA (STAGHORN SUMAC), 2' HEIGHT, CONTAINER	EACH	1,390	1,390							
*C2002036	SHRUB, CORYLUS AMERICANA (AMERICAN FILBERT), 3' HEIGHT, BALLED AND BURLAPPED	EACH	130	130							
*D2002472	EVERGREEN, PINUS FLEXILIS VANDERWOLF'S PYRAMID (VANDERWOLF'S PYRAMID LIMBER PINE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	71	71							
*K0029614	WEED CONTROL, AQUATIC	GALLON	8	8							

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 16 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	18
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

\*specialty items

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CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	BRIDGE 0011 SN 016-2439	BRIDGE 0011 SN 016-2440	BRIDGE 0014 SN 016-2441	BRIDGE 0014 SN 016-2442	BRIDGE 0011 SN 016-2470	BRIDGE 0011 SN 016-2471	SAFETY 0021 URBAN
*K0029624	WEED CONTROL, TEASEL	GALLON	13	13							
*K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	440	440							
*K1003660	MOWING CYCLES	EACH	3	3							
*X0322441	DIGITAL LOOP DETECTOR SENSOR UNIT (4 CHANNEL)	EACH	9								9
*X0322442	TONE EQUIPMENT - 3 FREQUENCY RECEIVER PROGRAMMABLE	EACH	19								19
*X0322443	TONE EQUIPMENT - 3 FREQUENCY TRANSMITTER PROGRAMMABLE	EACH	19								19
*X0322444	TONE EQUIPMENT - POWER SUPPLY	EACH	6								6
*X0322445	TONE EQUIPMENT - MOUNTING FRAME	EACH	4								4
*X0322446	CABINET HOUSING EQUIPMENT, TYPE III	EACH	4								4
X0322936	REMOVE EXISTING FLARED END SECTION	EACH	1	1							
X0323149	TEMPORARY MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	5,000						2,320	2,680	
X0323586	PIPE DRAIN REMOVAL	FOOT	268	48		220					
*X0323898	CLOSED CIRCUIT TELEVISION DOME CAMERA	EACH	6								6
*X0323917	CABINET, MODEL 334	EACH	1								1

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STATE OF ILLINOIS  
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SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 17 OF 24 SHEETS STA. TO STA.

F.A.I. RTE. 94	SECTION 2012-059-BR	COUNTY COOK	TOTAL SHEETS 631	SHEET NO. 19
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

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CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	BRIDGE 0011 SN 016-2439	BRIDGE 0011 SN 016-2440	BRIDGE 0014 SN 016-2441	BRIDGE 0014 SN 016-2442	BRIDGE 0011 SN 016-2470	BRIDGE 0011 SN 016-2471	SAFETY 0021 URBAN
*X0324854	WEED CONTROL, NATIVE GRASS RESTORATION	GALLON	1	1							
*X0325040	FIBER OPTIC INNERDUCT 1 1/4" DIA.	FOOT	39,594								39,594
X0325207	TELEVISION INSPECTION OF SEWER	FOOT	4,216	4,216							
X0325734	SLOTTED DRAIN REMOVAL	FOOT	610	610							
*X0326266	ETHERNET SWITCH	EACH	1								1
*X0326326	CABLE IN CONDUIT, TRIPLEX, 2-1/C NO. 6 AND 1-1/C NO. 8 GROUND	FOOT	225								225
X0326748	CLEAN-OUT MANHOLE	EACH	33	33							
*X0326946	CLOSED CIRCUIT TELEVISION CAMERA INSTALLATION	EACH	6								6
*X0326948	CLOSED CIRCUIT TELEVISION CAMERA STRUCTURE, 50 FT. MOUNTING HEIGHT	EACH	1								1
*X0326949	CLOSED CIRCUIT TELEVISION CAMERA STRUCTURE FOUNDATION, 30" DIAMETER	FOOT	10								10
*X0326952	STEP-DOWN TRANSFORMER	EACH	1								1
*X0327117	ATMS SYSTEM INTEGRATION	L SUM	1								1
*X0327392	WOOD POLE, 60 FT, CLASS 4	EACH	4								4
*X0327561	BUDGETARY ALLOWANCE FOR CCTV INTEGRATION	L SUM	1								1

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 18 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	20
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

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CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	BRIDGE 0011 SN 016-2439	BRIDGE 0011 SN 016-2440	BRIDGE 0014 SN 016-2441	BRIDGE 0014 SN 016-2442	BRIDGE 0011 SN 016-2470	BRIDGE 0011 SN 016-2471	SAFETY 0021 URBAN
△ X2503110	MOWING (SPECIAL)	ACRE	10	10							
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SO YD	2,739	2,739							
X5030305	CONCRETE WEARING SURFACE, 5"	SO YD	586			586					
X5040100	PRECAST BRIDGE APPROACH SLAB	SO FT	5,120			5,120					
X5210140	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 350K	EACH	26			26					
△ X5537600	STORM SEWERS TO BE CLEANED 8"	FOOT	564	564							
△ X5537700	STORM SEWERS TO BE CLEANED 10"	FOOT	270	270							
△ X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	1,095	1,095							
△ X5537900	STORM SEWERS TO BE CLEANED 15"	FOOT	44	44							
△ X5538000	STORM SEWERS TO BE CLEANED 18"	FOOT	546	546							
△ X5538200	STORM SEWERS TO BE CLEANED 24"	FOOT	1,697	1,697							
X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	368			368					
X6370250	CONCRETE BARRIER, VARIABLE CROSS-SECTION, 42" HEIGHT	FOOT	1,239	1,239							
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	13	13							

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 19 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	21
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

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CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	BRIDGE 0011 SN 016-2439	BRIDGE 0011 SN 016-2440	BRIDGE 0014 SN 016-2441	BRIDGE 0014 SN 016-2442	BRIDGE 0011 SN 016-2470	BRIDGE 0011 SN 016-2471	SAFETY 0021 URBAN
X6700600	ENGINEER'S FIELD LABORATORY (SPECIAL)	CAL MO	13	13							
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1							
X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	210	210							
X7030025	WET REFLECTIVE TEMPORARY TAPE, TYPE III - LETTERS AND SYMBOLS	50 FT	200	200							
X7030030	WET REFLECTIVE TEMPORARY TAPE, TYPE III 4"	FOOT	154,180	154,180							
X7030035	WET REFLECTIVE TEMPORARY TAPE, TYPE III 5"	FOOT	5,140	5,140							
X7030045	WET REFLECTIVE TEMPORARY TAPE, TYPE III 8"	FOOT	43,390	43,390							
X7030050	WET REFLECTIVE TEMPORARY TAPE, TYPE III 12"	FOOT	1,300	1,300							
X8040310	ELECTRICAL SERVICE DISCONNECT	EACH	2								2
*X8130110	JUNCTION BOX (SPECIAL)	EACH	2								2
*X8130350	JUNCTION BOX, EMBEDDED IN STRUCTURE, SPECIAL	EACH	8								8
*X8210015	TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, 400 WATT	EACH	55								55
*X8251388	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 200AMP (DUAL), RADIO SCADA	EACH	3								3
*X8710035	FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	40,378								40,378
*X8710036	FIBER OPTIC CABLE 12 FIBERS, SINGLE MODE	FOOT	900								900

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 20 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	22
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

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CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	BRIDGE 0011 SN 016-2439	BRIDGE 0011 SN 016-2440	BRIDGE 0014 SN 016-2441	BRIDGE 0014 SN 016-2442	BRIDGE 0011 SN 016-2470	BRIDGE 0011 SN 016-2471	SAFETY 0021 URBAN
*X8710054	FIBER OPTIC TERMINATION PANEL, 12F OR 24F	EACH	1								1
*X8730312	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	FOOT	2,500								2,500
*X8850102	INDUCTION LOOP	FOOT	1,250								1,250
Z0001899	JACK AND REMOVE EXISTING BEARINGS	EACH	52			52					
Z0001903	STRUCTURAL STEEL REMOVAL	POUND	11,160			11,160					
Z0001905	STRUCTURAL STEEL REPAIR	POUND	600				300	300			
Z0004552	APPROACH SLAB REMOVAL	SQ YD	2,701	2,701							
Z0004556	HOT-MIX ASPHALT SURFACE REMOVAL (DECK)	SQ YD	1,300				650	650			
Z0006012	BRIDGE DECK LATEX CONCRETE OVERLAY, 2 1/4"	SQ YD	1,280				640	640			
Z0007101	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1	L SUM	1			1					
Z0007102	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 2	L SUM	1				1				
⊙ Z0076000	TRAINEES	HOUR	2000	2000							
Z0007103	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 3	L SUM	1						1		
⊙ Z0076004	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	2000	2000							
Δ Z0010400	CLEANING BRIDGE SEATS	SQ FT	616			516	50	50			
*Z0007510	ENGINEERED BARRIER	SQ YD	235	235							
Z0010501	CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1			1					

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#FILE#	default	DRAWN - OC	REVISED -		SCALE: NA	SHEET NO. 21 OF 24 SHEETS	STA.	TO STA.	94	2012-059-BR	COOK	631	23
	PLOT SCALE	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT			CONTRACT NO. 60J12					
	PLOT DATE	DATE	REVISED -										

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CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	BRIDGE 0011 SN 016-2439	BRIDGE 0011 SN 016-2440	BRIDGE 0014 SN 016-2441	BRIDGE 0014 SN 016-2442	BRIDGE 0011 SN 016-2470	BRIDGE 0011 SN 016-2471	SAFETY 0021 URBAN
Z0010502	CLEANING AND PAINTING STEEL BRIDGE NO. 2	L SUM	1				1				
Z0010503	CLEANING AND PAINTING STEEL BRIDGE NO. 3	L SUM	1					1			
Δ Z0010615	CLEANING EXISTING INLETS	EACH	5	5							
Z0012130	BRIDGE DECK SCARIFICATION 3/4"	SO YD	1,280				640	640			
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SO FT	427			132	63	232			
Z0012755	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SO FT	170			127	7	36			
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1							
Z0016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SO YD	10				5.5	4.0			
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SO YD	14.5				7.5	7.0			
Z0018002	DRAINAGE SCUPPERS, DS-11	EACH	3			2			1		
Z0018010	DRAINAGE SCUPPERS, DS-33	EACH	1							1	
Z0018800	DRAINAGE SYSTEM	L SUM	1						0.5	0.5	
Z0022800	FENCE REMOVAL	FOOT	478	478							
Z0026407	TEMPORARY SHEET PILING	SO FT	395		109	286					

Δ - NON-PARTICIPATING (100% STATE)

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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.
#FILE#	default	DRAWN - OC	REVISED -									94	2012-059-BR	COOK	631	24
		CHECKED - RGR	REVISED -													
		DATE - 03/29/2013	REVISED -													
												CONTRACT NO. 60J12				
												ILLINOIS FED. AID PROJECT				

S:\2012\05-CO-CO-016012-Sheets\DRIB012-AH-1-10-13.dwg



URBAN  
90% FED.  
10% STATE

CONSTRUCTION CODE

CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	BRIDGE 0011 SN 016-2439	BRIDGE 0011 SN 016-2440	BRIDGE 0014 SN 016-2441	BRIDGE 0014 SN 016-2442	BRIDGE 0011 SN 016-2470	BRIDGE 0011 SN 016-2471	SAFETY 0021 URBAN
Z0028462	GEOTEXTILE RETAINING WALL	SQ FT	1,769		1,769						
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	430	430							
*Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	176								176
*Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	14								14
*Z0033052	COMMUNICATIONS VAULT	EACH	2								2
Z0034210	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	8,540						4,250	4,290	
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	366			366					
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1							
Z0062456	TEMPORARY PAVEMENT	SQ YD	1,194	1,194							
Z0073002	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	5,270						2,850	2,420	
	JUNCTION BOX, NON-METALLIC, EMBEDDED IN STRUCTURE, 20" X 13" X 12"	EACH	2								2
*X8211095	UNDERPASS LUMINAIRE, 90 WATT, CERAMIC METAL HALIDE	EACH	16								16
*X0327601	<i>CLOSED CIRCUIT TELEVISION</i> CAMERA STRUCTURE, FOUNDATION, 80 FT. MOUNTING HEIGHT	FOOT	85								85
*X0327602	<i>CLOSED CIRCUIT TELEVISION</i> CAMERA STRUCTURE, GALVANIZED STEEL, 80 FT. MOUNTING HEIGHT	EACH	5								5

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FILE NAME *	USER NAME * default	DESIGNED *	REVISED *
FILE #		DRAWN - OC	REVISED -
		CHECKED - RGR	REVISED -
		DATE - 03/29/2013	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE: NA	SHEET NO. 23 OF 24 SHEETS	STA.	TO STA.

F.A.I. RTE. 94	SECTION 2012-059-BR	COUNTY COOK	TOTAL SHEETS 631	SHEET NO. 25
CONTRACT NO. 60J12				
ILLINOIS FED. AID PROJECT				

\*Specialty Items Rev.

S:\2012\059-1\COOK\60J12-23.dwg 03/29/2013 10:45:11 AM

URBAN  
90% FED.  
10% STATE

CONSTRUCTION CODE

CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	BRIDGE 0011 SN 016-2439	BRIDGE 0011 SN 016-2440	BRIDGE 0014 SN 016-2441	BRIDGE 0014 SN 016-2442	BRIDGE 0011 SN 016-2470	BRIDGE 0011 SN 016-2471	SAFETY 0021 URBAN
* X0327571	<i>CLOSED CIRCUIT TELEVISION</i> EQUIPMENT CABINET - GROUND MOUNT	EACH	6								6
* X0327604	CONCRETE FOUNDATION, SURVEILLANCE CABINET, MODEL 334	EACH	1								1
* X0327605	<i>DYNAMIC MESSAGE SIGN</i> REMOVAL AND INSTALLATION	L SUM	1								1
	<del>ELECTRIC CABLE ASSEMBLY IN CONDUIT, 600V (EPR) 2/C NO. 6 AND NO. 8 GROUND</del>	<del>FOOT</del>	<del>2,000</del>								<del>2,000</del>
* X8730246	ELECTRIC CABLE IN CONDUIT, NO. 19, 25 PAIR	FOOT	1,500								1,500
* X8730249	ELECTRIC CABLE IN CONDUIT, NO. 19, 6C	FOOT	1,500								1,500
* X0327606	FIBER OPTIC SPLICE - LATERAL	EACH	4								4
* X0327607	FIBER OPTIC SPLICE - MAINLINE	EACH	5								5
* X0327608	FIBER OPTIC TRANSCEIVER PAIR	EACH	2								2
* X0327609	REMOVE EXISTING TRAFFIC SURVEILLANCE EQUIPMENT	L SUM	1								1
* X0327610	T1 CHANNEL BANK	EACH	1								1

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FILE NAME *	USER NAME * default	DESIGNED -	REVISED -
#FILE#		DRAWN - OC	REVISED -
	PLOT SCALE * #SCALE#	CHECKED - RGR	REVISED -
	PLOT DATE * 4/4/2013	DATE - 03/29/2013	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 24 OF 24 SHEETS STA. TO STA.

F.A.I. RTE. 94	SECTION 2012-059-BR	COUNTY COOK	TOTAL SHEETS 631	SHEET NO. 26
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

\* Specialty Items

Rev.

S:\0327571\0327571.dwg

**EXISTING:**

- (A) EXISTING 9" CONTINUOUSLY REINFORCED PCC PAVEMENT
- (B) EXISTING HMA OVERLAY
- (C) EXISTING 4" STABILIZED SUBBASE
- (D) EXISTING TEMPORARY CONCRETE BARRIER WALL
- (E) EXISTING COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (F) EXISTING CONCRETE CURB TYPE B
- (G) EXISTING GRASS MEDIAN
- (H) NOT USED
- (I) EXISTING 10" PCC BASE
- (J) NOT USED
- (K) EXISTING STABILIZED SHOULDERS, VARIES 12"-14"
- (L) EXISTING AGGREGATE SHOULDERS
- (M) EXISTING 9" PCC BASE
- (N) EXISTING STEEL GUARDRAIL
- (O) EXISTING TOPSOIL

**PROPOSED:**

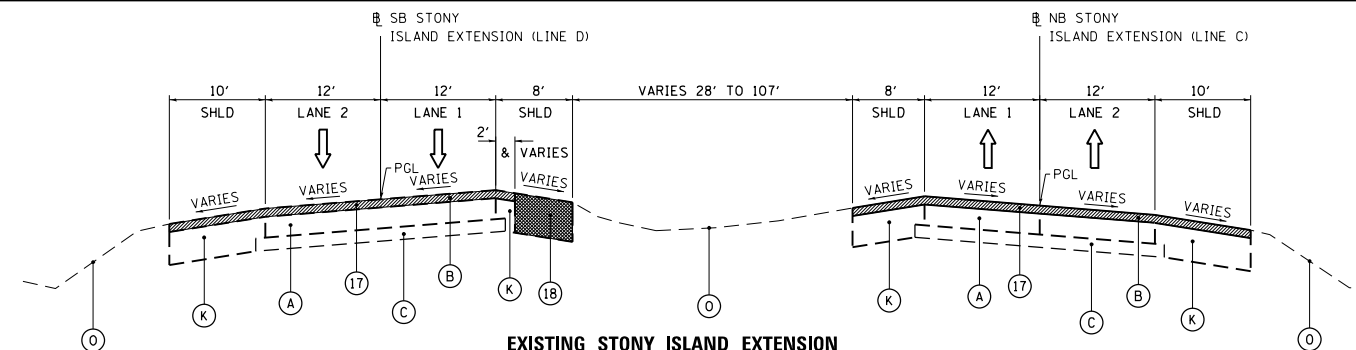
- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4 "
- (2) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4 " & VARIES
- (3) HOT-MIX ASPHALT SHOULDERS, 10" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4 " HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70, 8 1/4 "
- (4) PCC PAVEMENT 9" (JOINTED)
- (5) AGGREGATE BASE COURSE, TYPE B 6"
- (6) AGGREGATE SUBGRADE IMPROVEMENT
  - (6a) 3" CA-6 AGGREGATE CAP
  - (6b) 9" POROUS GRANULAR EMBANKMENT
- (7) AGGREGATE SHOULDERS, TYPE B, 6"
- (8) COMBINATION CONCRETE CURB AND GUTTER, B-6.18
- (9) PCC PAVEMENT 10 1/2" (JOINTED)
- (10) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2 "
- (11) STEEL PLATE BEAM GUARDRAIL, TY. A 6 FT POSTS
- (12) CONCRETE CURB, TYPE B
- (13) CONCRETE BARRIER, DOUBLE FACE, 42 IN. HEIGHT
- (14) PCC SHOULDERS 10 1/2"
- (15) BITUMINOUS MATERIALS (PRIME COAT)
- (16) REGRADING AND LANDSCAPING TOPSOIL EXCAVATION AND PLACE, 6" SEEDING, CLASS 2A
- (17) HMA SURFACE REMOVAL, 2 1/2 "
- (18) PAVED SHOULDER REMOVAL
- (19) PCC SHOULDERS 9"
- (20) DRILL AND GROUT NO. 6 TIE BARS AT 30" CTS (STAGGERED SIDE BY SIDE) INCLUDED IN COST OF CONCRETE BARRIER, DOUBLE FACE, 42 IN. HEIGHT
- (21) CONCRETE BARRIER, VARIABLE CROSS-SECTION, 42" HEIGHT
- (22) LEVELING BINDER (MACHINE METHOD), N70
- (23) HMA SURFACE REMOVAL, VARIABLE DEPTH
- (24) COMBINATION CONCRETE CURB AND GUTTER, B-6.24
- (25) EXCESS PAVEMENT REMOVAL
- (26) CONCRETE BARRIER BASE

(27) LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 6 DEFORMED TIE BARS 24" LONG AT 24" C-C. (INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2" OR 9")

(28) LONGITUDINAL SAWED OR CONSTRUCTION JOINT. FOR LONGITUDINAL SAWED JOINT, POUR IN PLACE NO. 6 DEFORMED EPOXY TIE BARS 30" LONG AT 30" C-C. FOR LONGITUDINAL CONSTRUCTION JOINT, DRILL AND GROUT NO. 6 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. INCLUDED IN COST OF PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" OR 9" (JOINTED)

(29) PIPE UNDERDRAINS 6"

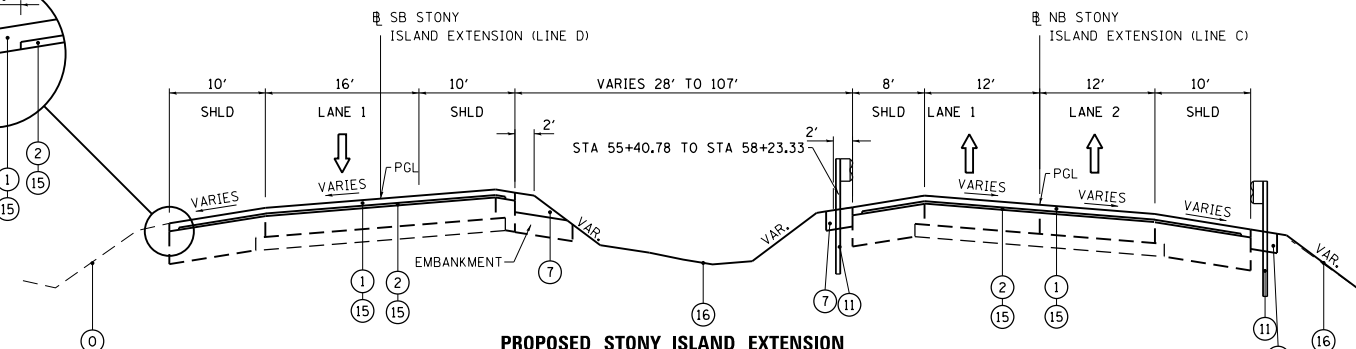
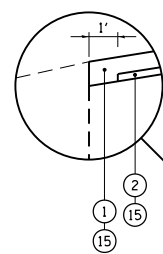
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**EXISTING STONY ISLAND EXTENSION**

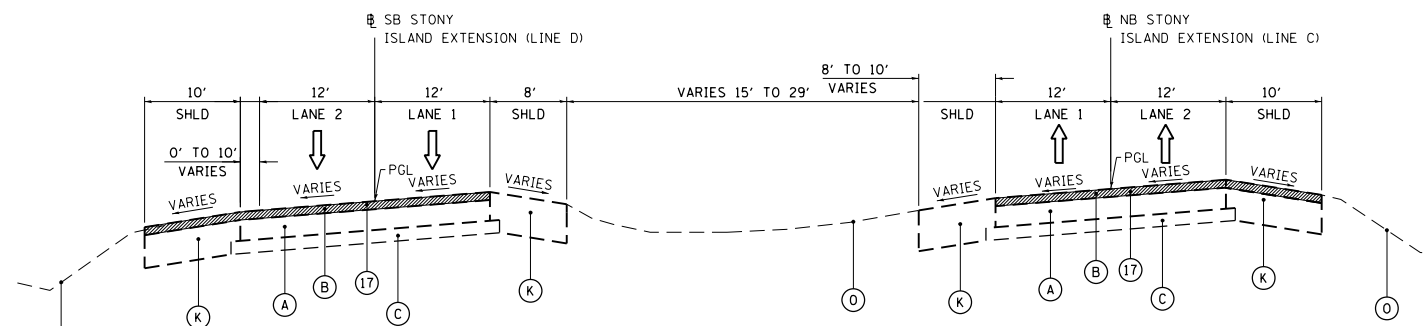
NB (LINE C): STA 47+02.66 TO STA 58+37.74  
SB (LINE D): STA 37+10.90 TO STA 58+30.29  
LOOKING NORTH

TYPICAL DETAIL FOR RESURFACING AT EDGE OF SHOULDER



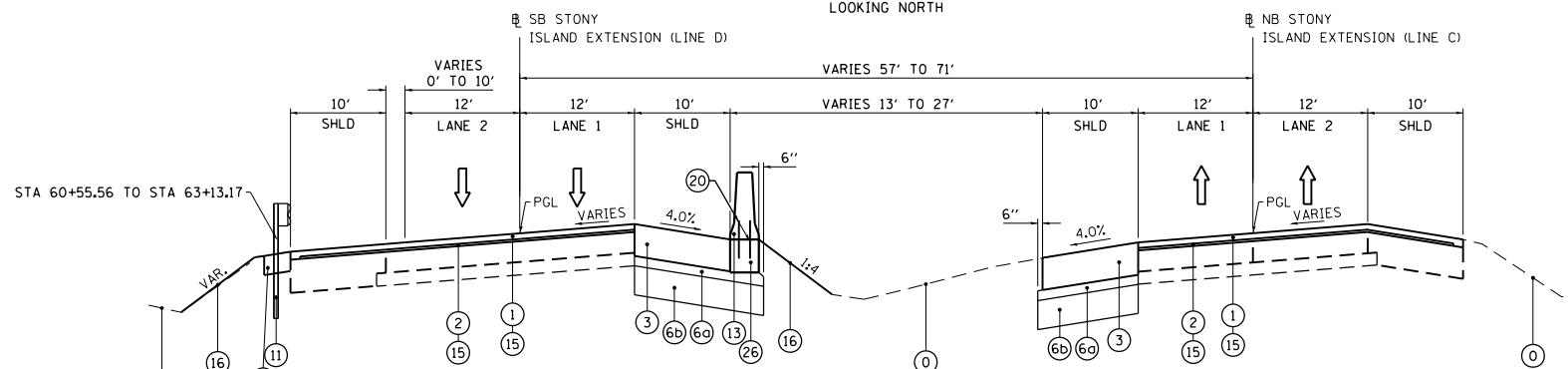
**PROPOSED STONY ISLAND EXTENSION**

NB (LINE C): STA 47+02.66 TO STA 58+37.74  
SB (LINE D): STA 48+52.73 TO STA 58+30.29  
LOOKING NORTH



**EXISTING STONY ISLAND EXTENSION**

NB (LINE C): STA 60+75.02 TO STA 69+80.00  
SB (LINE D): STA 60+67.60 TO STA 69+80.00  
LOOKING NORTH



**PROPOSED STONY ISLAND EXTENSION**

NB (LINE C): STA 60+75.02 TO STA 69+80.00  
SB (LINE D): STA 60+67.60 TO STA 69+80.00  
LOOKING NORTH

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS  
STONY ISLAND EXTENSION**

FILE NAME =	USER NAME = default	DESIGNED - RTF	REVISED -
*FILE#		DRAWN - RTF	REVISED -
	PLOT SCALE = *SCALE*	CHECKED - RR	REVISED -
	PLOT DATE = 3/29/2013	DATE - 03/29/2013	REVISED -

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	27
				CONTRACT NO. 60J12
ILLINOIS FED. AID PROJECT				

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**EXISTING:**

- (A) EXISTING 9" CONTINUOUSLY REINFORCED PCC PAVEMENT
- (B) EXISTING HMA OVERLAY
- (C) EXISTING 4" STABILIZED SUBBASE
- (D) EXISTING TEMPORARY CONCRETE BARRIER WALL
- (E) EXISTING COMBINATION CONCRETE CURB AND GUTTER TYPE B-6,24
- (F) EXISTING CONCRETE CURB TYPE B
- (G) EXISTING GRASS MEDIAN
- (H) NOT USED
- (I) EXISTING 10" PCC BASE
- (J) NOT USED
- (K) EXISTING STABILIZED SHOULDERS, VARIES 12"-14"
- (L) EXISTING AGGREGATE SHOULDERS
- (M) EXISTING 9" PCC BASE
- (N) EXISTING STEEL GUARDRAIL
- (O) EXISTING TOPSOIL

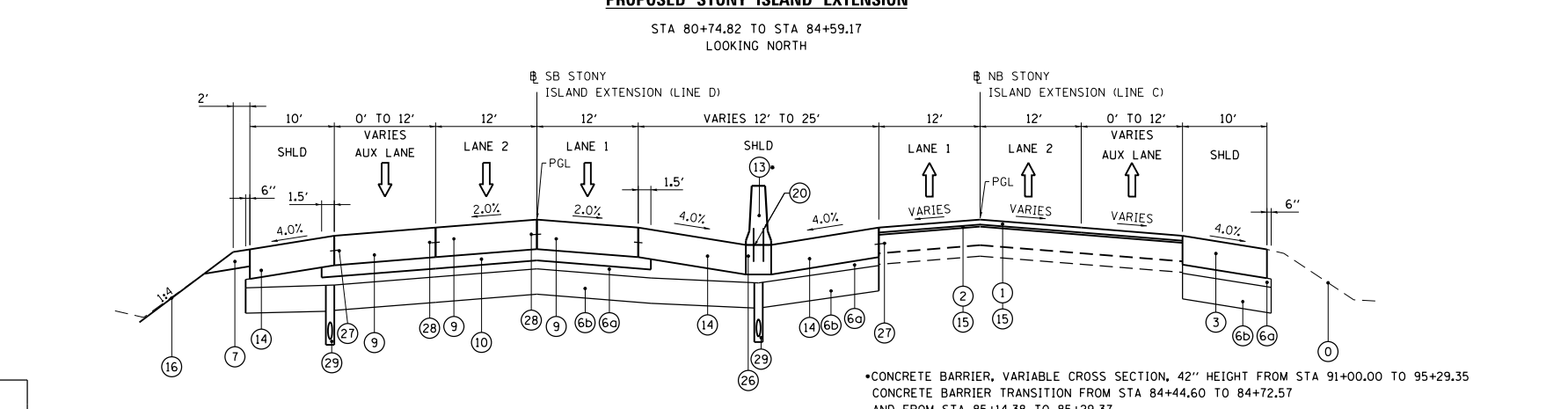
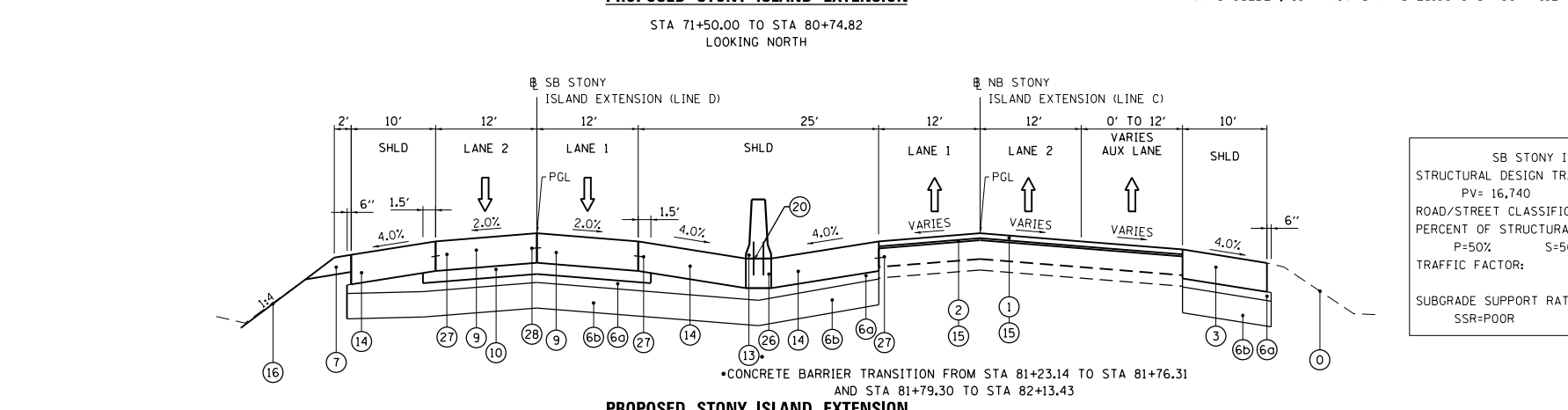
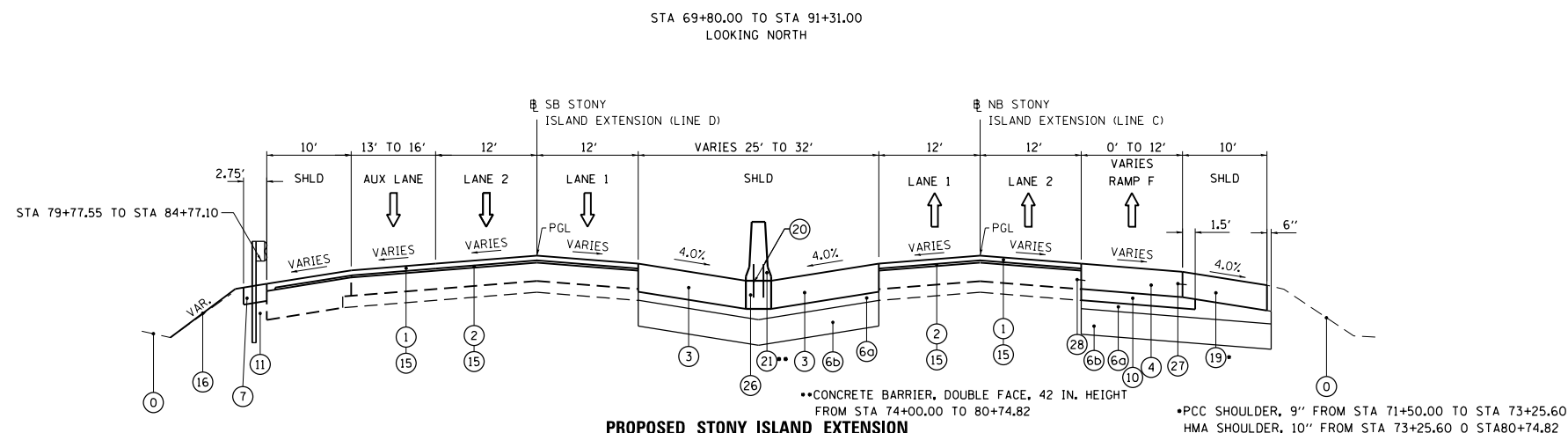
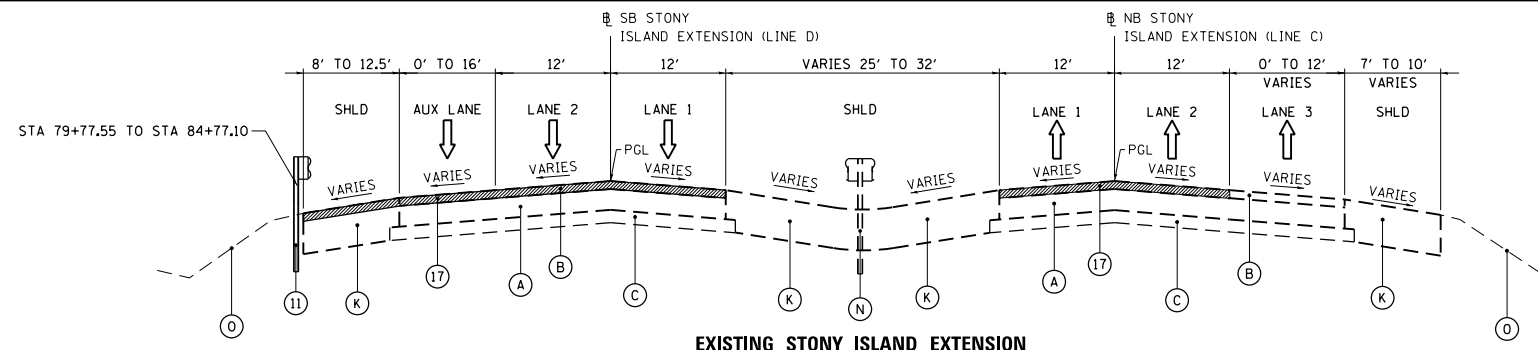
**PROPOSED:**

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4 "
- (2) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4 " & VARIES
- (3) HOT-MIX ASPHALT SHOULDERS, 10"  
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4 "  
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70, 8 1/4 "
- (4) PCC PAVEMENT 9" (JOINTED)
- (5) AGGREGATE BASE COURSE, TYPE B 6"
- (6) AGGREGATE SUBGRADE IMPROVEMENT  
(6a) 3" CA-6 AGGREGATE CAP  
(6b) 9" POROUS GRANULAR EMBANKMENT
- (7) AGGREGATE SHOULDERS, TYPE B, 6"
- (8) COMBINATION CONCRETE CURB AND GUTTER, B-6,18
- (9) PCC PAVEMENT 10 1/2" (JOINTED)
- (10) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2 "
- (11) STEEL PLATE BEAM GUARDRAIL, TY. A 6 FT POSTS
- (12) CONCRETE CURB, TYPE B
- (13) CONCRETE BARRIER, DOUBLE FACE, 42 IN. HEIGHT
- (14) PCC SHOULDERS 10 1/2"
- (15) BITUMINOUS MATERIALS (PRIME COAT)
- (16) REGRADING AND LANDSCAPING  
TOPSOIL EXCAVATION AND PLACE, 6"  
SEEDING, CLASS 2A
- (17) HMA SURFACE REMOVAL, 2 1/2 "
- (18) PAVED SHOULDER REMOVAL
- (19) PCC SHOULDERS 9"
- (20) DRILL AND GROUT NO. 6 TIE BARS AT 30" CTS (STAGGERED SIDE BY SIDE)  
INCLUDED IN COST OF CONCRETE BARRIER, DOUBLE FACE, 42 IN. HEIGHT
- (21) CONCRETE BARRIER, VARIABLE CROSS-SECTION, 42" HEIGHT
- (22) LEVELING BINDER (MACHINE METHOD), N70
- (23) HMA SURFACE REMOVAL, VARIABLE DEPTH
- (24) COMBINATION CONCRETE CURB AND GUTTER, B-6,24
- (25) EXCESS PAVEMENT REMOVAL
- (26) CONCRETE BARRIER BASE
- (27) LONGITUDINAL CONSTRUCTION JOINT.  
DRILL AND GROUT NO. 6 DEFORMED TIE BARS  
24" LONG AT 24" C-C. (INCLUDED IN THE COST  
OF PORTLAND CEMENT CONCRETE SHOULDERS  
10 1/2" OR 9")
- (28) LONGITUDINAL SAWS OR CONSTRUCTION JOINT.  
FOR LONGITUDINAL SAWS, POUR IN PLACE  
NO. 6 DEFORMED EPOXY TIE BARS 30" LONG AT  
30" C-C. FOR LONGITUDINAL CONSTRUCTION JOINT,  
DRILL AND GROUT NO. 6 DEFORMED EPOXY TIE BARS  
24" LONG AT 24" C-C. INCLUDED IN COST OF PORTLAND  
CEMENT CONCRETE PAVEMENT 10 1/2" OR 9" (JOINTED)
- (29) PIPE UNDERDRAINS 6"

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- (27) LONGITUDINAL CONSTRUCTION JOINT.  
DRILL AND GROUT NO. 6 DEFORMED TIE BARS  
24" LONG AT 24" C-C. (INCLUDED IN THE COST  
OF PORTLAND CEMENT CONCRETE SHOULDERS  
10 1/2" OR 9")
- (28) LONGITUDINAL SAWS OR CONSTRUCTION JOINT.  
FOR LONGITUDINAL SAWS, POUR IN PLACE  
NO. 6 DEFORMED EPOXY TIE BARS 30" LONG AT  
30" C-C. FOR LONGITUDINAL CONSTRUCTION JOINT,  
DRILL AND GROUT NO. 6 DEFORMED EPOXY TIE BARS  
24" LONG AT 24" C-C. INCLUDED IN COST OF PORTLAND  
CEMENT CONCRETE PAVEMENT 10 1/2" OR 9" (JOINTED)
- (29) PIPE UNDERDRAINS 6"



SB STONY ISLAND LINE D		
STRUCTURAL DESIGN TRAFFIC:	YEAR 2013	
PV=	16,740	SU= 1,860 MU= 2,067
ROAD/STREET CLASSIFICATION:	CLASS II	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	P=50%	S=50% M=50%
TRAFFIC FACTOR:	ACTUAL TF=14.27	MINIMUM TF=4.59
SUBGRADE SUPPORT RATING:	SSR=POOR	

FILE NAME =	USER NAME = default	DESIGNED -	RTF	REVISED -	
*FILE#		DRAWN -	RTF	REVISED -	
	PLOT SCALE = *SCALE*	CHECKED -	RR	REVISED -	
	PLOT DATE = 3/29/2013	DATE -	03/29/2013	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS STONY ISLAND EXTENSION		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: N/A	SHEET NO. 2 OF 7 SHEETS	94	2012-059-BR	COOK	631	28
	STA. N/A TO STA. N/A	CONTRACT NO. 60J12				

ILLINOIS	FED. AID PROJECT
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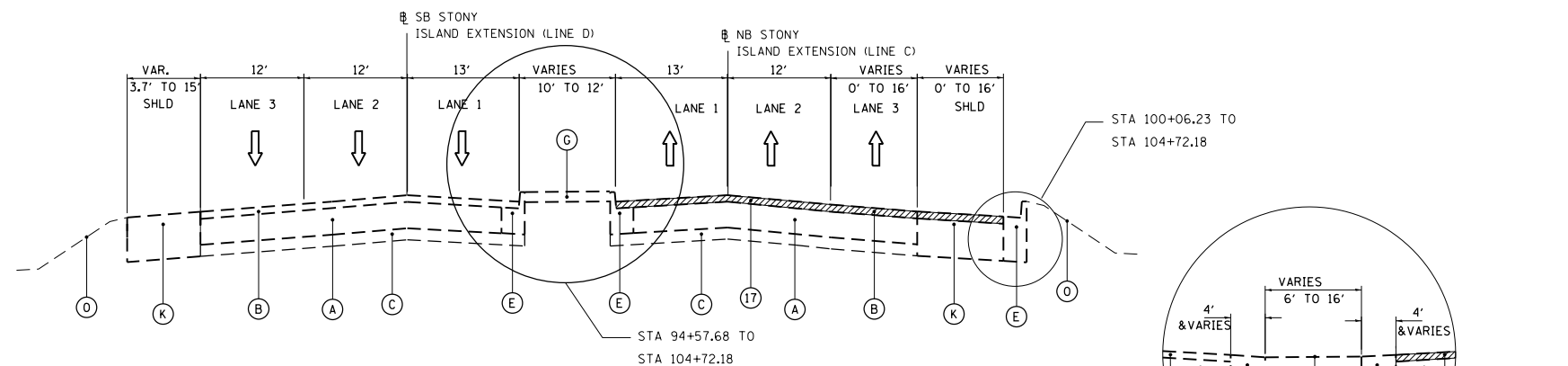
**EXISTING:**

- (A) EXISTING 9" CONTINUOUSLY REINFORCED PCC PAVEMENT
- (B) EXISTING HMA OVERLAY
- (C) EXISTING 4" STABILIZED SUBBASE
- (D) EXISTING TEMPORARY CONCRETE BARRIER WALL
- (E) EXISTING COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (F) EXISTING CONCRETE CURB TYPE B
- (G) EXISTING GRASS MEDIAN
- (H) NOT USED
- (I) EXISTING 10" PCC BASE
- (J) NOT USED
- (K) EXISTING STABILIZED SHOULDERS, VARIES 12"-14"
- (L) EXISTING AGGREGATE SHOULDERS
- (M) EXISTING 9" PCC BASE
- (N) EXISTING STEEL GUARDRAIL
- (O) EXISTING TOPSOIL

**PROPOSED:**

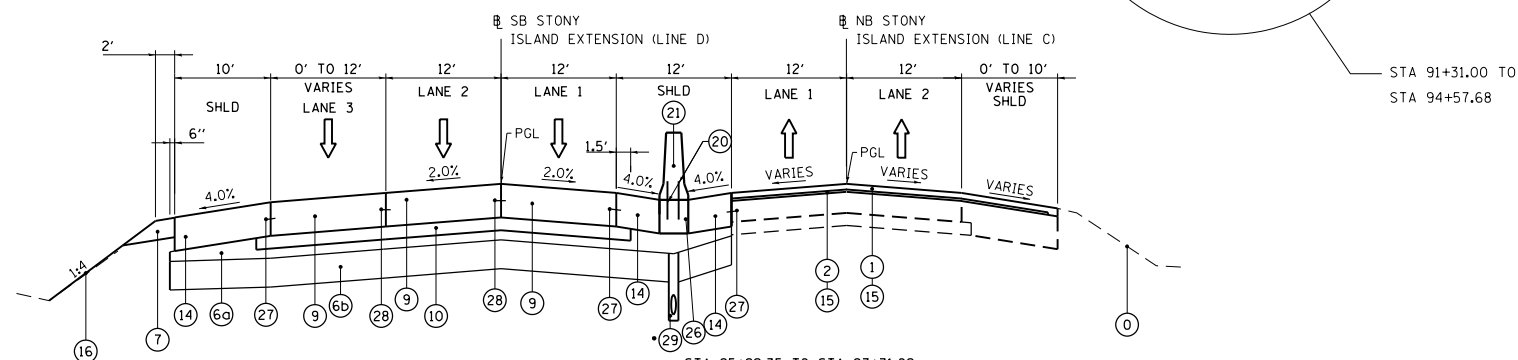
- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4 "
- (2) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4 " & VARIES
- (3) HOT-MIX ASPHALT SHOULDERS, 10" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4 " HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70, 8 1/4 "
- (4) PCC PAVEMENT 9" (JOINTED)
- (5) AGGREGATE BASE COURSE, TYPE B 6"
- (6) AGGREGATE SUBGRADE IMPROVEMENT (6a) 3" CA-6 AGGREGATE CAP (6b) 9" POROUS GRANULAR EMBANKMENT
- (7) AGGREGATE SHOULDERS, TYPE B, 6"
- (8) COMBINATION CONCRETE CURB AND GUTTER, B-6.18
- (9) PCC PAVEMENT 10 1/2" (JOINTED)
- (10) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2 "
- (11) STEEL PLATE BEAM GUARDRAIL, TY, A 6 FT POSTS
- (12) CONCRETE CURB, TYPE B
- (13) CONCRETE BARRIER, DOUBLE FACE, 42 IN. HEIGHT
- (14) PCC SHOULDERS 10 1/2"
- (15) BITUMINOUS MATERIALS (PRIME COAT)
- (16) REGRADING AND LANDSCAPING TOPSOIL EXCAVATION AND PLACE, 6" SEEDING, CLASS 2A
- (17) HMA SURFACE REMOVAL, 2 1/2 "
- (18) PAVED SHOULDER REMOVAL
- (19) PCC SHOULDERS 9"
- (20) DRILL AND GROUT NO. 6 TIE BARS AT 30" CTS (STAGGERED SIDE BY SIDE) INCLUDED IN COST OF CONCRETE BARRIER, DOUBLE FACE, 42 IN. HEIGHT
- (21) CONCRETE BARRIER, VARIABLE CROSS-SECTION, 42" HEIGHT
- (22) LEVELING BINDER (MACHINE METHOD), N70
- (23) HMA SURFACE REMOVAL, VARIABLE DEPTH
- (24) COMBINATION CONCRETE CURB AND GUTTER, B-6.24
- (25) EXCESS PAVEMENT REMOVAL
- (26) CONCRETE BARRIER BASE
- (27) LONGITUDINAL CONSTRUCTION JOINT, DRILL AND GROUT NO. 6 DEFORMED TIE BARS 24" LONG AT 24" C-C. (INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2" OR 9")
- (28) LONGITUDINAL SAWED OR CONSTRUCTION JOINT, FOR LONGITUDINAL SAWED JOINT, POUR IN PLACE NO. 6 DEFORMED EPOXY TIE BARS 30" LONG AT 30" C-C. FOR LONGITUDINAL CONSTRUCTION JOINT, DRILL AND GROUT NO. 6 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. INCLUDED IN COST OF PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" OR 9" (JOINTED)
- (29) PIPE UNDERDRAINS 6"

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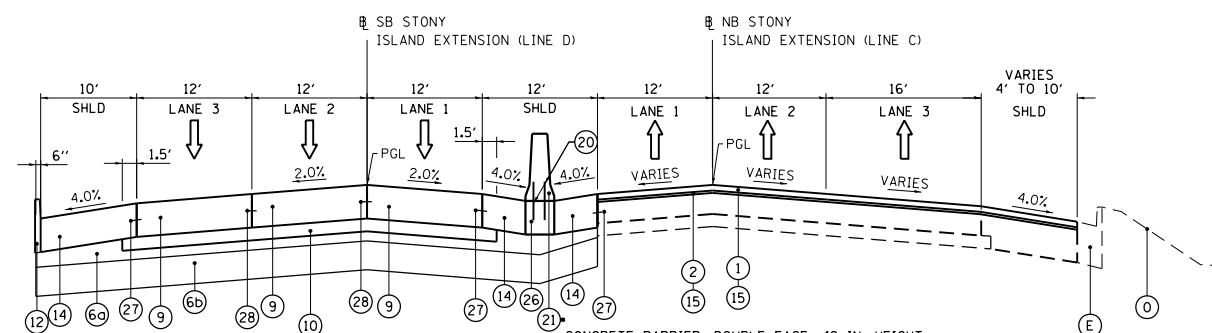
**EXISTING STONY ISLAND EXTENSION**

STA 91+31 TO STA 104+72.18  
LOOKING NORTH



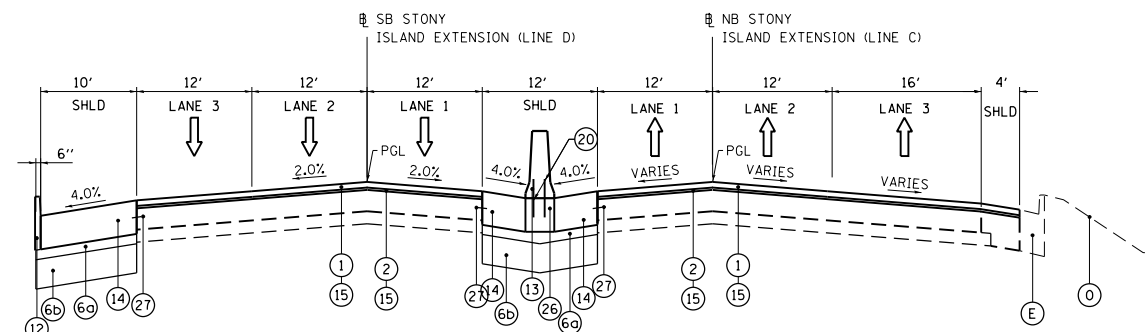
**PROPOSED STONY ISLAND EXTENSION**

STA 95+29.35 TO STA 100+06.23  
LOOKING NORTH



**PROPOSED STONY ISLAND EXTENSION**

STA 100+06.23 TO STA 101+94.15  
LOOKING NORTH



**PROPOSED STONY ISLAND EXTENSION**

STA 101+94.15 TO STA 103+11.08  
LOOKING NORTH

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS  
STONY ISLAND EXTENSION

SCALE: N/A SHEET NO. 3 OF 7 SHEETS STA. N/A TO STA. N/A

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	29
CONTRACT NO. 60J12				
ILLINOIS FED. AID PROJECT				

FILE NAME =	USER NAME = default	DESIGNED -	RTF	REVISED -	
*FILE#		DRAWN -	RTF	REVISED -	
	PLOT SCALE = *SCALE*	CHECKED -	RR	REVISED -	
	PLOT DATE = 3/29/2013	DATE -	03/29/2013	REVISED -	

S:\1072-05-CADD\01680112-Sht-typrcd.dgn

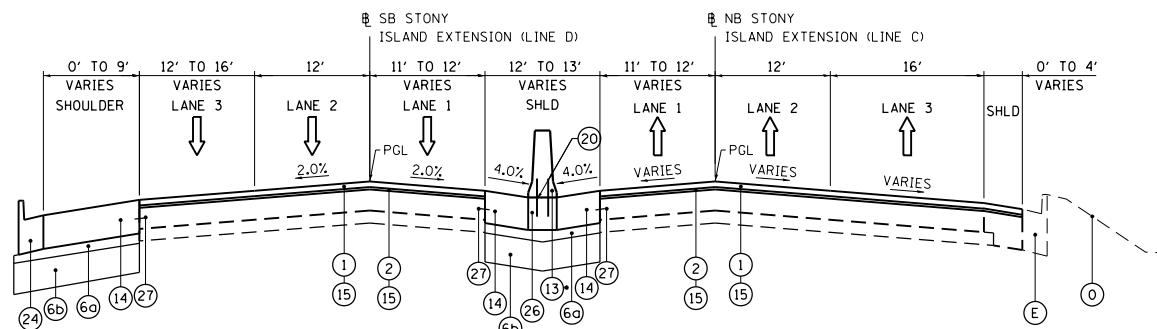
**EXISTING:**

- (A) EXISTING 9" CONTINUOUSLY REINFORCED PCC PAVEMENT
- (B) EXISTING HMA OVERLAY
- (C) EXISTING 4" STABILIZED SUBBASE
- (D) EXISTING TEMPORARY CONCRETE BARRIER WALL
- (E) EXISTING COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (F) EXISTING CONCRETE CURB TYPE B
- (G) EXISTING GRASS MEDIAN
- (H) NOT USED
- (I) EXISTING 10" PCC BASE
- (J) NOT USED
- (K) EXISTING STABILIZED SHOULDERS, VARIES 12"-14"
- (L) EXISTING AGGREGATE SHOULDERS
- (M) EXISTING 9" PCC BASE
- (N) EXISTING STEEL GUARDRAIL
- (O) EXISTING TOPSOIL

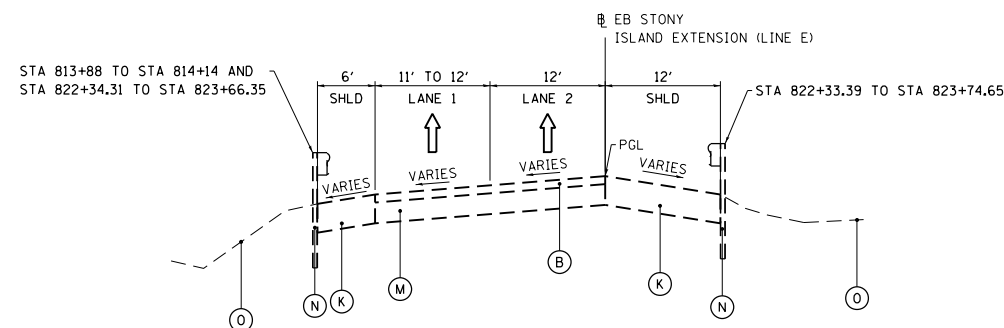
**PROPOSED:**

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4 "
- (2) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4 " & VARIES
- (3) HOT-MIX ASPHALT SHOULDERS, 10"  
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4 "  
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70, 8 1/4 "
- (4) PCC PAVEMENT 9" (JOINTED)
- (5) AGGREGATE BASE COURSE, TYPE B 6"
- (6) AGGREGATE SUBGRADE IMPROVEMENT  
(6a) 3" CA-6 AGGREGATE CAP  
(6b) 9" POROUS GRANULAR EMBANKMENT
- (7) AGGREGATE SHOULDERS, TYPE B, 6"
- (8) COMBINATION CONCRETE CURB AND GUTTER, B-6.18
- (9) PCC PAVEMENT 10 1/2" (JOINTED)
- (10) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2 "
- (11) STEEL PLATE BEAM GUARDRAIL, TY. A 6 FT POSTS
- (12) CONCRETE CURB, TYPE B
- (13) CONCRETE BARRIER, DOUBLE FACE, 42 IN. HEIGHT
- (14) PCC SHOULDERS 10 1/2"
- (15) BITUMINOUS MATERIALS (PRIME COAT)
- (16) REGRADING AND LANDSCAPING  
TOPSOIL EXCAVATION AND PLACE, 6"  
SEEDING, CLASS 2A
- (17) HMA SURFACE REMOVAL, 2 1/2 "
- (18) PAVED SHOULDER REMOVAL
- (19) PCC SHOULDERS 9"
- (20) DRILL AND GROUT NO. 6 TIE BARS AT 30" CTS (STAGGERED SIDE BY SIDE)  
INCLUDED IN COST OF CONCRETE BARRIER, DOUBLE FACE, 42 IN. HEIGHT
- (21) CONCRETE BARRIER, VARIABLE CROSS-SECTION, 42" HEIGHT
- (22) LEVELING BINDER (MACHINE METHOD), N70
- (23) HMA SURFACE REMOVAL, VARIABLE DEPTH
- (24) COMBINATION CONCRETE CURB AND GUTTER, B-6.24
- (25) EXCESS PAVEMENT REMOVAL
- (26) CONCRETE BARRIER BASE
- (27) LONGITUDINAL CONSTRUCTION JOINT.  
DRILL AND GROUT NO. 6 DEFORMED TIE BARS  
24" LONG AT 24" C-C. INCLUDED IN THE COST  
OF PORTLAND CEMENT CONCRETE SHOULDERS  
10 1/2" OR 9")
- (28) LONGITUDINAL SAWED OR CONSTRUCTION JOINT.  
FOR LONGITUDINAL SAWED JOINT, POUR IN PLACE  
NO. 6 DEFORMED EPOXY TIE BARS 30" LONG AT  
30" C-C. FOR LONGITUDINAL CONSTRUCTION JOINT,  
DRILL AND GROUT NO. 6 DEFORMD EPOXY TIE BARS  
24" LONG AT 24" C-C. INCLUDED IN COST OF PORTLAND  
CEMENT CONCRETE PAVEMENT 10 1/2" OR 9" (JOINTED)
- (29) PIPE UNDERDRAINS 6"

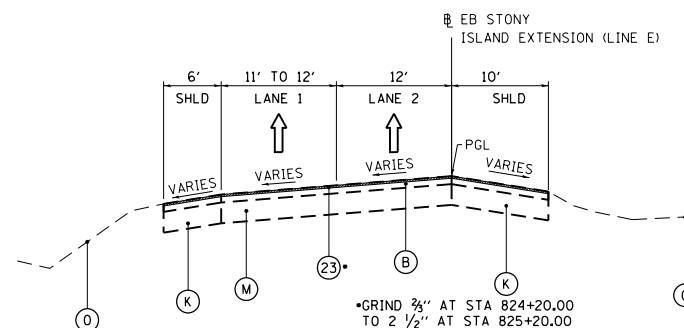
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312.228.0100  
www.bbandainc.com



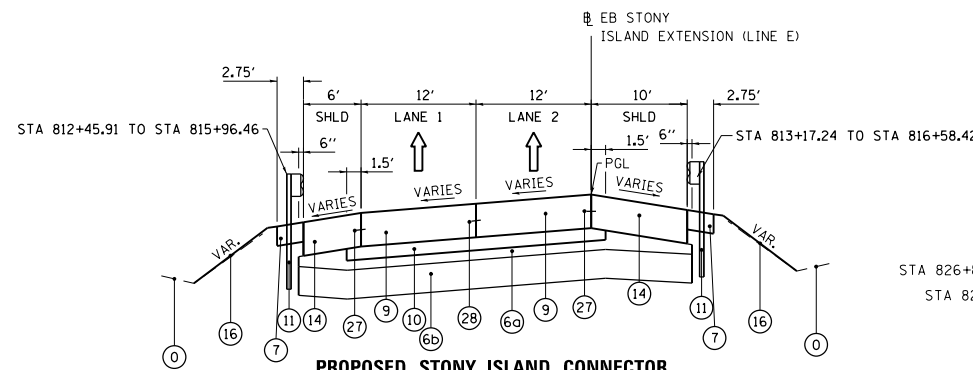
\*CONCRETE BARRIER TRANSITION FROM STA 105+30.31 TO 105+44.23  
**PROPOSED STONY ISLAND EXTENSION**  
STA 103+11.08 TO STA 105+20.43  
LOOKING NORTH



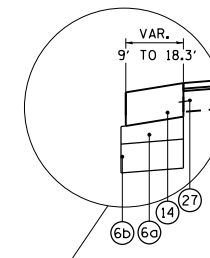
**EXISTING STONY ISLAND CONNECTOR**  
EB (LINE E): STA 812+30.00 TO STA 814+14.11  
STA 821+47.03 TO STA 824+20.00  
LOOKING EAST



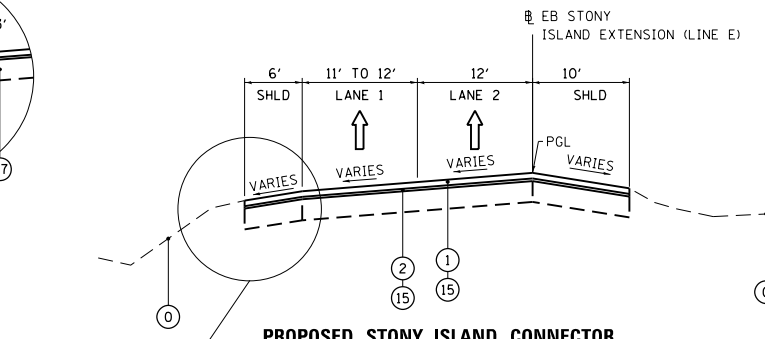
**EXISTING STONY ISLAND CONNECTOR**  
EB (LINE E): STA 824+20.00 TO STA 828+53.79  
LOOKING EAST



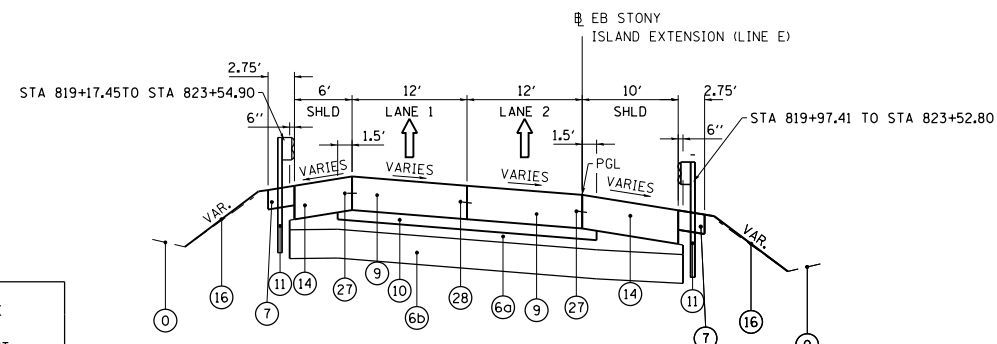
**PROPOSED STONY ISLAND CONNECTOR**  
EB (LINE E): STA 812+30.00 TO STA 815+56.75  
LOOKING EAST



STA 826+81.73 TO  
STA 828+53.79



**PROPOSED STONY ISLAND CONNECTOR**  
EB (LINE E): STA 824+20.00 TO STA 828+53.79  
LOOKING EAST



**PROPOSED STONY ISLAND CONNECTOR**  
EB (LINE E): STA 819+79.19 TO STA 824+20.00  
LOOKING EAST

EB STONY ISLAND (LINE E) 2 LANE			
STRUCTURAL DESIGN TRAFFIC:	YEAR 2013		
PV=	19.116	SU=	2,124
		MU=	2,360
ROAD/STREET CLASSIFICATION:	CLASS II		
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	P=50%	S=50%	M=50%
TRAFFIC FACTOR:	ACTUAL TF=16.30		
	MINIMUM TF=4.59		
SUBGRADE SUPPORT RATING:	SSR=POOR		

FILE NAME =	USER NAME = default	DESIGNED - RTF	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS STONY ISLAND CONNECTOR</b>			F.A.I. R.T.E. = 94	SECTION = 2012-059-BR	COUNTY = COOK	TOTAL SHEETS = 631	SHEET NO. = 30
*FILEL\$		DRAWN - RTF	REVISED -		SCALE: N/A	SHEET NO. 4 OF 7 SHEETS	STA. N/A	TO STA. N/A	<b>CONTRACT NO. 60J12</b>			
		CHECKED - RR	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 03/29/2013	REVISED -									

**EXISTING:**

- (A) EXISTING 9" CONTINUOUSLY REINFORCED PCC PAVEMENT
- (B) EXISTING HMA OVERLAY
- (C) EXISTING 4" STABILIZED SUBBASE
- (D) EXISTING TEMPORARY CONCRETE BARRIER WALL
- (E) EXISTING COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (F) EXISTING CONCRETE CURB TYPE B
- (G) EXISTING GRASS MEDIAN
- (H) NOT USED
- (I) EXISTING 10" PCC BASE
- (J) NOT USED
- (K) EXISTING STABILIZED SHOULDERS, VARIES 12"-14"
- (L) EXISTING AGGREGATE SHOULDERS
- (M) EXISTING 9" PCC BASE
- (N) EXISTING STEEL GUARDRAIL
- (O) EXISTING TOPSOIL

**PROPOSED:**

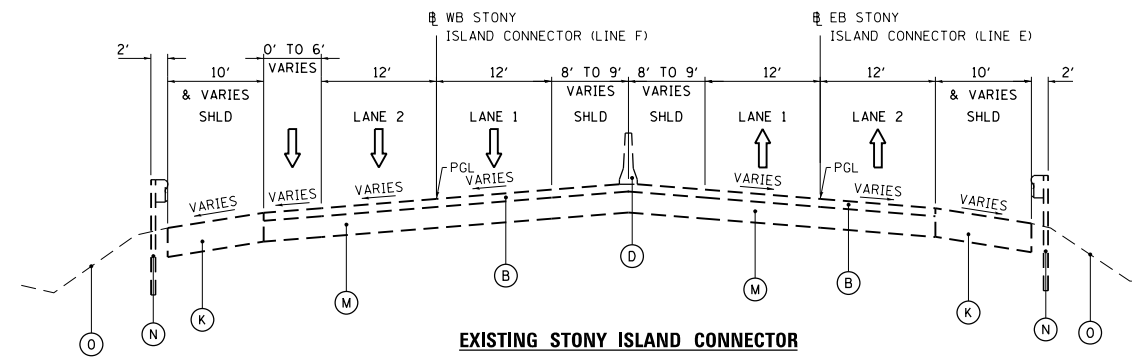
- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4 "
- (2) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4 " & VARIES
- (3) HOT-MIX ASPHALT SHOULDERS, 10" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4 " HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70, 8 1/4 "
- (4) PCC PAVEMENT 9" (JOINTED)
- (5) AGGREGATE BASE COURSE, TYPE B 6"
- (6) AGGREGATE SUBGRADE IMPROVEMENT
  - (6a) 3" CA-6 AGGREGATE CAP
  - (6b) 9" POROUS GRANULAR EMBANKMENT
- (7) AGGREGATE SHOULDERS, TYPE B, 6"
- (8) COMBINATION CONCRETE CURB AND GUTTER, B-6.18
- (9) PCC PAVEMENT 10 1/2" (JOINTED)
- (10) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2 "
- (11) STEEL PLATE BEAM GUARDRAIL, TY. A 6 FT POSTS
- (12) CONCRETE CURB, TYPE B
- (13) CONCRETE BARRIER, DOUBLE FACE, 42 IN. HEIGHT
- (14) PCC SHOULDERS 10 1/2"
- (15) BITUMINOUS MATERIALS (PRIME COAT)
- (16) REGRADING AND LANDSCAPING TOPSOIL EXCAVATION AND PLACE, 6" SEEDING, CLASS 2A
- (17) HMA SURFACE REMOVAL, 2 1/2 "
- (18) PAVED SHOULDER REMOVAL
- (19) PCC SHOULDERS 9"
- (20) DRILL AND GROUT NO. 6 TIE BARS AT 30" CTS (STAGGERED SIDE BY SIDE) INCLUDED IN COST OF CONCRETE BARRIER, DOUBLE FACE, 42 IN. HEIGHT
- (21) CONCRETE BARRIER, VARIABLE CROSS-SECTION, 42" HEIGHT
- (22) LEVELING BINDER (MACHINE METHOD), N70
- (23) HMA SURFACE REMOVAL, VARIABLE DEPTH
- (24) COMBINATION CONCRETE CURB AND GUTTER, B-6.24
- (25) EXCESS PAVEMENT REMOVAL
- (26) CONCRETE BARRIER BASE

(27) LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 6 DEFORMED TIE BARS 24" LONG AT 24" C-C. (INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2" OR 9")

(28) LONGITUDINAL SAWS OR CONSTRUCTION JOINT. FOR LONGITUDINAL SAWS JOINT, POUR IN PLACE NO. 6 DEFORMED EPOXY TIE BARS 30" LONG AT 30" C-C. FOR LONGITUDINAL CONSTRUCTION JOINT, DRILL AND GROUT NO. 6 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. INCLUDED IN COST OF PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" OR 9" (JOINTED)

(29) PIPE UNDERDRAINS 6"

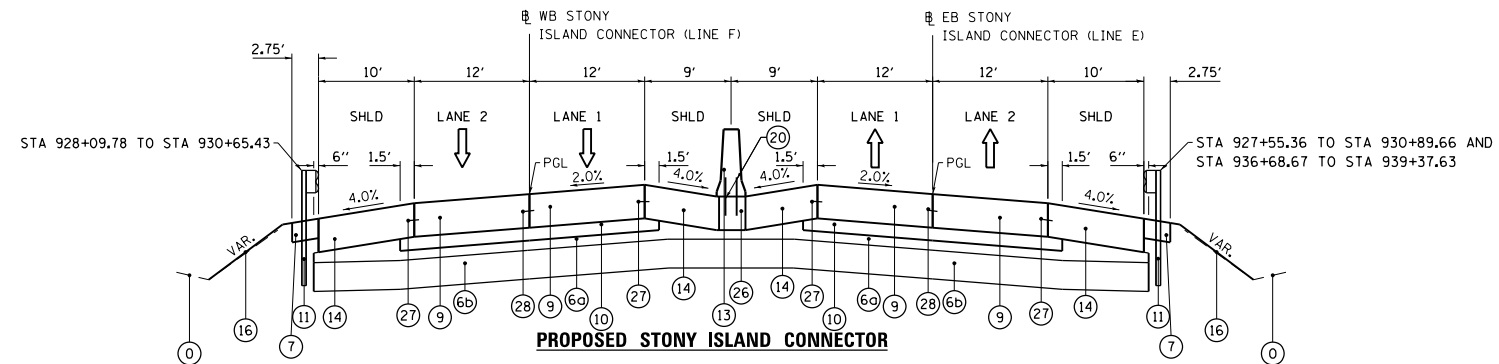
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CONSULTING ENGINEERS  
Chicago, Illinois  
312.228.0100  
www.bbadainc.com



**EXISTING STONY ISLAND CONNECTOR**

LINE E & F: STA 927+71.54 TO STA 930+65.48  
AND STA 936+57.27 TO STA 938+70.00  
LOOKING EAST

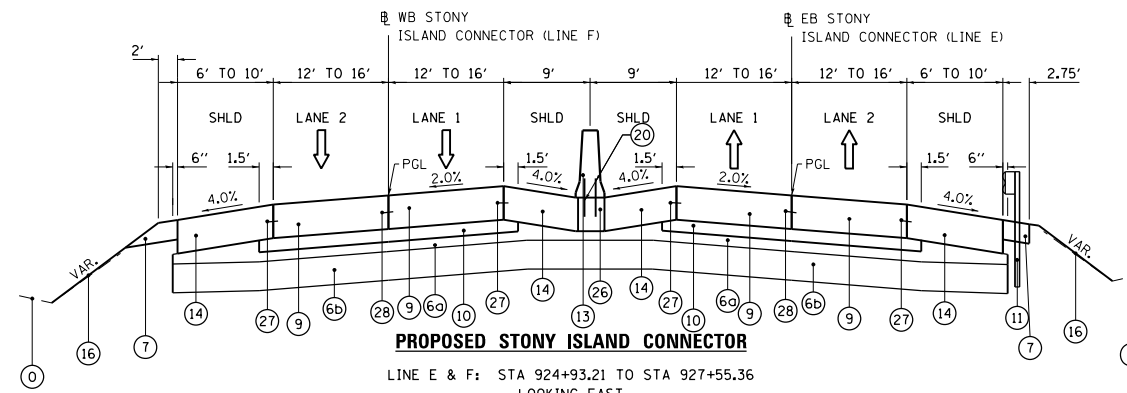
WB STONY ISLAND (LINE F) 2 LANE	
STRUCTURAL DESIGN TRAFFIC:	YEAR 2013
PV= 19,116	SU= 2,124 MU= 2,360
ROAD/STREET CLASSIFICATION:	CLASS II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P=50%	S=50% M=50%
TRAFFIC FACTOR:	ACTUAL TF=16.30
	MINIMUM TF=4.59
SUBGRADE SUPPORT RATING:	
SSR=POOR	



**PROPOSED STONY ISLAND CONNECTOR**

LINE E & LINE F: STA 927+55.36 TO STA 930+22.04  
AND STA 937+12.07 TO STA 938+70.00  
LOOKING EAST

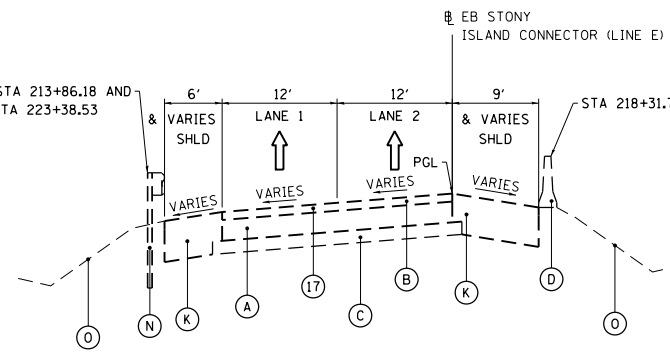
EB STONY ISLAND (LINE E)	
STRUCTURAL DESIGN TRAFFIC:	YEAR 2013
PV=11,340	SU=1,260 MU=1,400
ROAD/STREET CLASSIFICATION:	CLASS I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P=100%	S=100% M=100%
TRAFFIC FACTOR:	ACTUAL TF=23.16
	MINIMUM TF=4.59
SUBGRADE SUPPORT RATING:	
SSR=POOR	



**PROPOSED STONY ISLAND CONNECTOR**

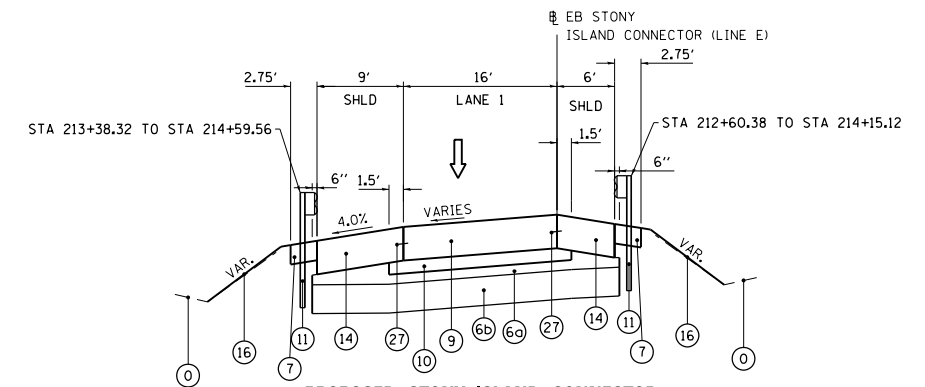
LINE E & F: STA 924+93.21 TO STA 927+55.36  
LOOKING EAST

STA 210+54.53 TO STA 213+86.18 AND STA 218+31.79 TO STA 223+38.53



**EXISTING STONY ISLAND CONNECTOR**

NB (LINE E): STA 205+72.44 TO STA 213+86.18 AND STA 218+31.79 TO STA 223+38.53  
LOOKING EAST/ NORTH



**PROPOSED STONY ISLAND CONNECTOR**

NB (LINE E): STA 206+99.11 TO STA 214+15.81 AND STA 216+29.58 TO STA 224+87.94  
LOOKING EAST/ NORTH

FILE NAME =  
\*FILEL\*

USER NAME = default  
DESIGNED - RTF  
DRAWN - RTF  
PLOT SCALE = \*SCALE\*  
PLOT DATE = 3/29/2013

REVISIONS  
REVISOR  
DATE

DESIGNED - RTF  
DRAWN - RTF  
CHECKED - RR  
DATE - 03/29/2013

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS  
STONY ISLAND CONNECTOR  
SCALE: N/A  
SHEET NO. 5 OF 7 SHEETS  
STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	31
CONTRACT NO. 60J12				
ILLINOIS FED. AID PROJECT				

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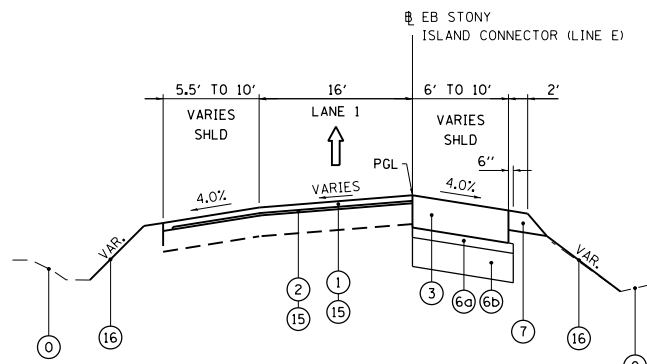
**EXISTING:**

- (A) EXISTING 9" CONTINUOUSLY REINFORCED PCC PAVEMENT
- (B) EXISTING HMA OVERLAY
- (C) EXISTING 4" STABILIZED SUBBASE
- (D) EXISTING TEMPORARY CONCRETE BARRIER WALL
- (E) EXISTING COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (F) EXISTING CONCRETE CURB TYPE B
- (G) EXISTING GRASS MEDIAN
- (H) NOT USED
- (I) EXISTING 10" PCC BASE
- (J) NOT USED
- (K) EXISTING STABILIZED SHOULDERS, VARIES 12"-14"
- (L) EXISTING AGGREGATE SHOULDERS
- (M) EXISTING 9" PCC BASE
- (N) EXISTING STEEL GUARDRAIL
- (O) EXISTING TOPSOIL

**PROPOSED:**

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4 "
- (2) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4 " & VARIES
- (3) HOT-MIX ASPHALT SHOULDERS, 10" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4 " HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70, 8 1/4 "
- (4) PCC PAVEMENT 9" (JOINTED)
- (5) AGGREGATE BASE COURSE, TYPE B 6"
- (6) AGGREGATE SUBGRADE IMPROVEMENT
- (6a) 3" CA-6 AGGREGATE CAP
- (6b) 9" POROUS GRANULAR EMBANKMENT
- (7) AGGREGATE SHOULDERS, TYPE B, 6"
- (8) COMBINATION CONCRETE CURB AND GUTTER, B-6.18
- (9) PCC PAVEMENT 10 1/2" (JOINTED)
- (10) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2 "
- (11) STEEL PLATE BEAM GUARDRAIL, TY. A 6 FT POSTS
- (12) CONCRETE CURB, TYPE B
- (13) CONCRETE BARRIER, DOUBLE FACE, 42 IN. HEIGHT
- (14) PCC SHOULDERS 10 1/2"
- (15) BITUMINOUS MATERIALS (PRIME COAT)
- (16) REGRADING AND LANDSCAPING TOPSOIL EXCAVATION AND PLACE, 6" SEEDING, CLASS 2A
- (17) HMA SURFACE REMOVAL, 2 1/2 "
- (18) PAVED SHOULDER REMOVAL
- (19) PCC SHOULDERS 9"
- (20) DRILL AND GROUT NO. 6 TIE BARS AT 30" CTS (STAGGERED SIDE BY SIDE) INCLUDED IN COST OF CONCRETE BARRIER, DOUBLE FACE, 42 IN. HEIGHT
- (21) CONCRETE BARRIER, VARIABLE CROSS-SECTION, 42" HEIGHT
- (22) LEVELING BINDER (MACHINE METHOD), N70
- (23) HMA SURFACE REMOVAL, VARIABLE DEPTH
- (24) COMBINATION CONCRETE CURB AND GUTTER, B-6.24
- (25) EXCESS PAVEMENT REMOVAL
- (26) CONCRETE BARRIER BASE
- (27) LONGITUDINAL CONSTRUCTION JOINT, DRILL AND GROUT NO. 6 DEFORMED TIE BARS 24" LONG AT 24" C-C. (INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2" OR 9")
- (28) LONGITUDINAL SAWED OR CONSTRUCTION JOINT, FOR LONGITUDINAL SAWED JOINT, POUR IN PLACE NO. 6 DEFORMED EPOXY TIE BARS 30" LONG AT 30" C-C. FOR LONGITUDINAL CONSTRUCTION JOINT, DRILL AND GROUT NO. 6 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. INCLUDED IN COST OF PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" OR 9" (JOINTED)
- (29) PIPE UNDERDRAINS 6"

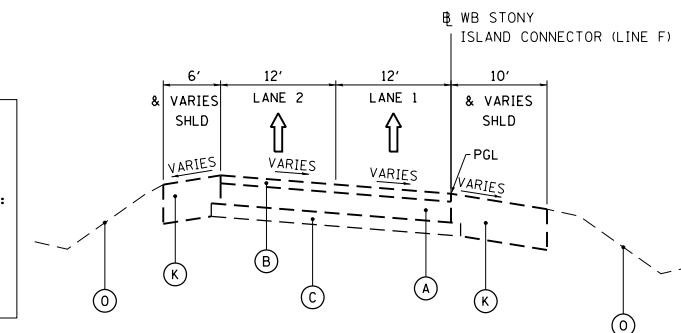
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CONSULTING ENGINEERS  
Chicago, Illinois  
312.228.0100  
www.bbandainc.com



**PROPOSED STONY ISLAND CONNECTOR**

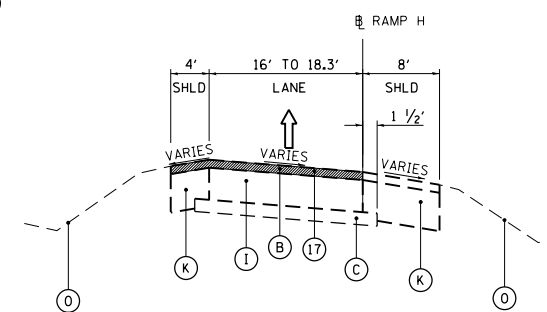
EB (LINE E): STA 224+87.94 TO STA 226+45.60  
LOOKING NORTH

WB STONY ISLAND (LINE F)		
STRUCTURAL DESIGN TRAFFIC:	YEAR 2013	
PV=10,530	SU=1,170	MU=1,300
ROAD/STREET CLASSIFICATION:	CLASS I	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	P=100% S=100% M=100%	
TRAFFIC FACTOR:	ACTUAL TF=21.50 MINIMUM TF=4.13	
SUBGRADE SUPPORT RATING:	SSR=POOR	



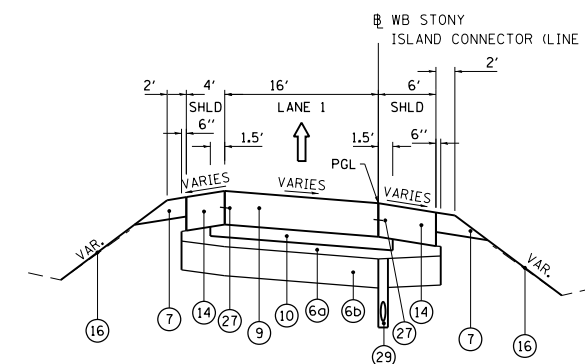
**EXISTING STONY ISLAND CONNECTOR**

WB (LINE F): STA 908+43 TO STA 909+26.74  
LOOKING SOUTH/ WEST



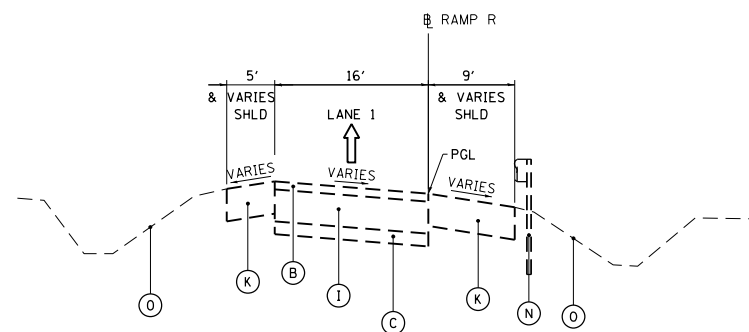
**EXISTING RAMP H**

STA 104+90.38 TO STA 111+06.71  
LOOKING NORTH



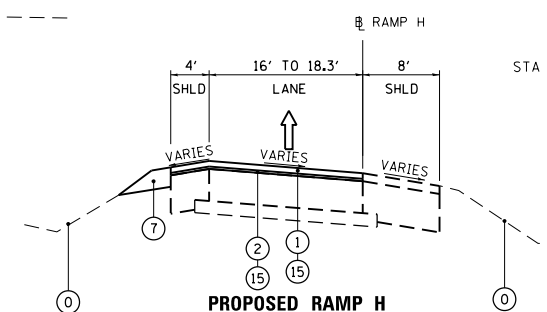
**PROPOSED STONY ISLAND CONNECTOR**

WB (LINE F): STA 900+00.00 TO STA 909+26.74  
LOOKING SOUTH/WEST



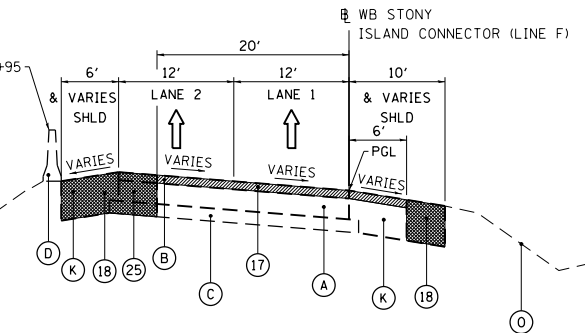
**EXISTING RAMP R**

STA 607+00 TO STA 611+47.60  
LOOKING EAST



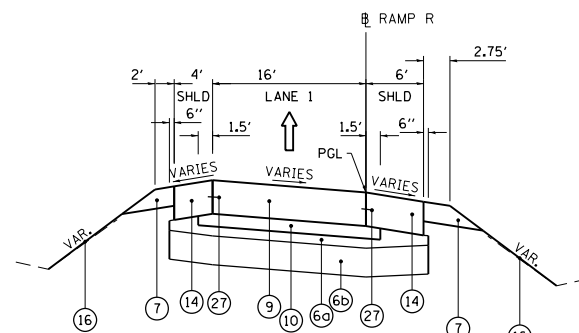
**PROPOSED RAMP H**

STA 104+90.38 TO STA 111+06.71  
LOOKING NORTH



**EXISTING STONY ISLAND CONNECTOR**

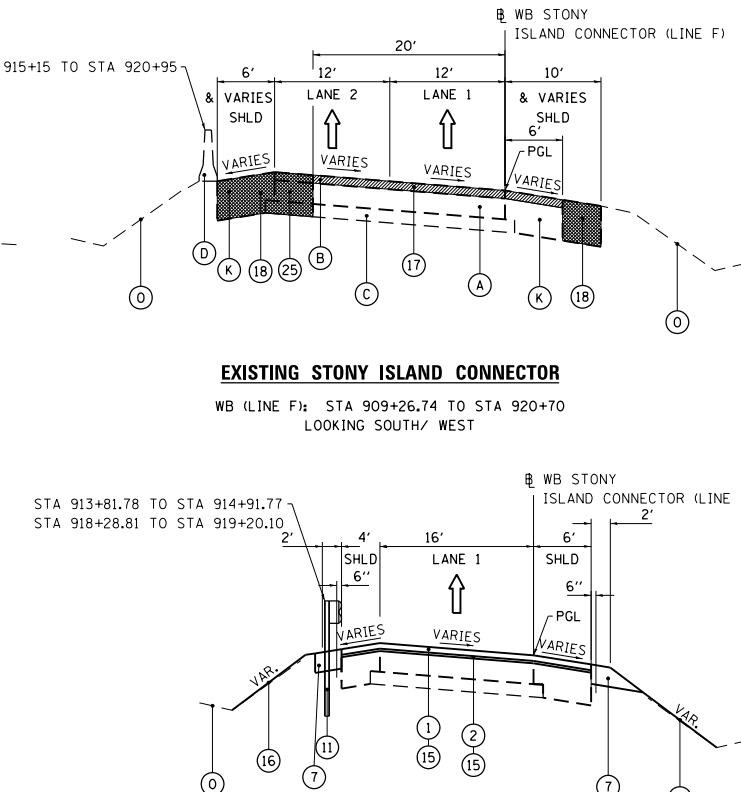
WB (LINE F): STA 909+26.74 TO STA 920+70  
LOOKING SOUTH/ WEST



**PROPOSED RAMP R**

STA 606+95 TO STA 611+47.60  
LOOKING EAST

RAMP R		
STRUCTURAL DESIGN TRAFFIC:	YEAR 2013	
PV= 7,776	SU= 864	MU= 960
ROAD/STREET CLASSIFICATION:	CLASS I	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	P=100% S=100% M=100%	
TRAFFIC FACTOR:	ACTUAL TF=15.88 MINIMUM TF=4.59	
SUBGRADE SUPPORT RATING:	SSR=POOR	



**PROPOSED STONY ISLAND CONNECTOR**

WB (LINE F): STA 909+26.74 TO 920+95.00  
LOOKING SOUTH/ WEST

FILE NAME =  
\*FILE\*

USER NAME = default  
DESIGNED - RTF  
DRAWN - RTF  
PLOT SCALE = \*SCALE\*  
PLOT DATE = 3/29/2013

REVISIONS  
REVISOR  
DATE

DESIGNED - RTF  
DRAWN - RTF  
CHECKED - RR  
DATE - 03/29/2013

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS  
RAMPS  
SCALE: N/A  
SHEET NO. 6 OF 7 SHEETS  
STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	32
CONTRACT NO. 60J12				
ILLINOIS FED. AID PROJECT				

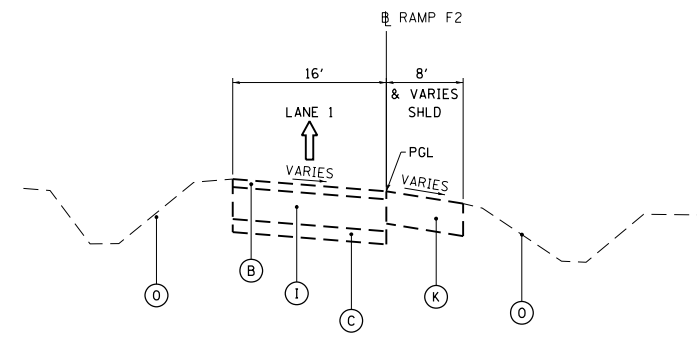


**EXISTING:**

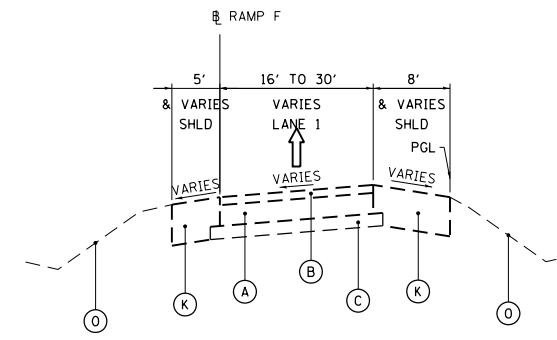
- (A) EXISTING 9" CONTINUOUSLY REINFORCED PCC PAVEMENT
- (B) EXISTING HMA OVERLAY
- (C) EXISTING 4" STABILIZED SUBBASE
- (D) EXISTING TEMPORARY CONCRETE BARRIER WALL
- (E) EXISTING COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (F) EXISTING CONCRETE CURB TYPE B
- (G) EXISTING GRASS MEDIAN
- (H) NOT USED
- (I) EXISTING 10" PCC BASE
- (J) NOT USED
- (K) EXISTING STABILIZED SHOULDERS, VARIES 12"-14"
- (L) EXISTING AGGREGATE SHOULDERS
- (M) EXISTING 9" PCC BASE
- (N) EXISTING STEEL GUARDRAIL
- (O) EXISTING TOPSOIL

**PROPOSED:**

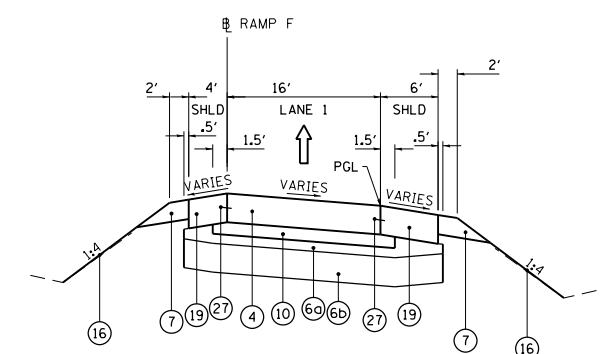
- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4 "
- (2) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4 " & VARIES
- (3) HOT-MIX ASPHALT SHOULDERS, 10" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4 " HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70, 8 1/4 "
- (4) PCC PAVEMENT 9" (JOINTED)
- (5) AGGREGATE BASE COURSE, TYPE B 6"
- (6) AGGREGATE SUBGRADE IMPROVEMENT (6a) 3" CA-6 AGGREGATE CAP (6b) 9" POROUS GRANULAR EMBANKMENT
- (7) AGGREGATE SHOULDERS, TYPE B, 6"
- (8) COMBINATION CONCRETE CURB AND GUTTER, B-6.18
- (9) PCC PAVEMENT 10 1/2" (JOINTED)
- (10) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2 "
- (11) STEEL PLATE BEAM GUARDRAIL, TY. A 6 FT POSTS
- (12) CONCRETE CURB, TYPE B
- (13) CONCRETE BARRIER, DOUBLE FACE, 42 IN. HEIGHT
- (14) PCC SHOULDERS 10 1/2"
- (15) BITUMINOUS MATERIALS (PRIME COAT)
- (16) REGRADING AND LANDSCAPING TOPSOIL EXCAVATION AND PLACE, 6" SEEDING, CLASS 2A
- (17) HMA SURFACE REMOVAL, 2 1/2 "
- (18) PAVED SHOULDER REMOVAL
- (19) PCC SHOULDERS 9"
- (20) DRILL AND GROUT NO. 6 TIE BARS AT 30" CTS (STAGGERED SIDE BY SIDE) INCLUDED IN COST OF CONCRETE BARRIER, DOUBLE FACE, 42 IN. HEIGHT
- (21) CONCRETE BARRIER, VARIABLE CROSS-SECTION, 42" HEIGHT
- (22) LEVELING BINDER (MACHINE METHOD), N70
- (23) HMA SURFACE REMOVAL, VARIABLE DEPTH
- (24) COMBINATION CONCRETE CURB AND GUTTER, B-6.24
- (25) EXCESS PAVEMENT REMOVAL
- (26) CONCRETE BARRIER BASE
- (27) LONGITUDINAL CONSTRUCTION JOINT, DRILL AND GROUT NO. 6 DEFORMED TIE BARS 24" LONG AT 24" C-C. (INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2" OR 9")
- (28) LONGITUDINAL SAWED OR CONSTRUCTION JOINT, FOR LONGITUDINAL SAWED JOINT, POUR IN PLACE NO. 6 DEFORMED EPOXY TIE BARS 30" LONG AT 30" C-C. FOR LONGITUDINAL CONSTRUCTION JOINT, DRILL AND GROUT NO. 6 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. INCLUDED IN COST OF PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" OR 9" (JOINTED)
- (29) PIPE UNDERDRAINS 6"



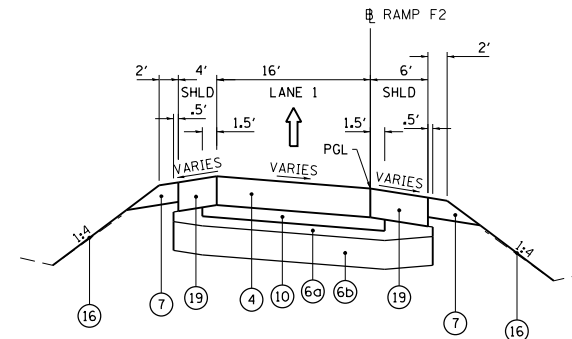
**EXISTING RAMP F2**  
STA 1206+40 TO STA 1209+58  
LOOKING WEST/ NORTH



**EXISTING RAMP F**  
STA 200+90 TO STA 205+31  
LOOKING NORTH



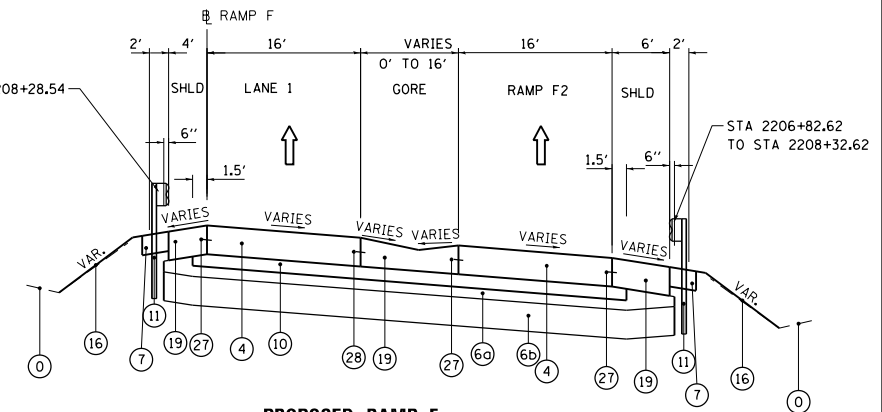
**PROPOSED RAMP F**  
STA 201+17.23 TO STA 202+59.18  
LOOKING NORTH



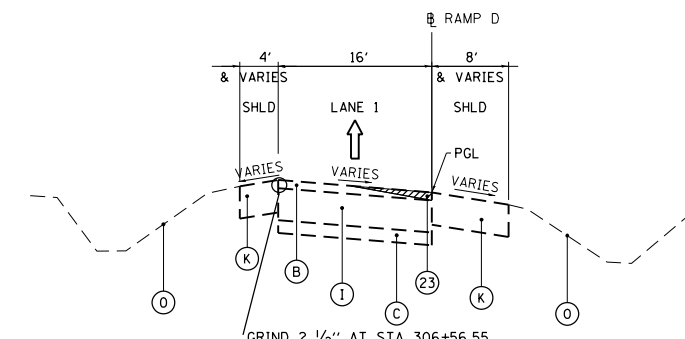
**PROPOSED RAMP F2**  
STA 1206+40 TO STA 1209+58  
LOOKING WEST/ NORTH

STA 2206+66.04 TO SA 2208+28.54

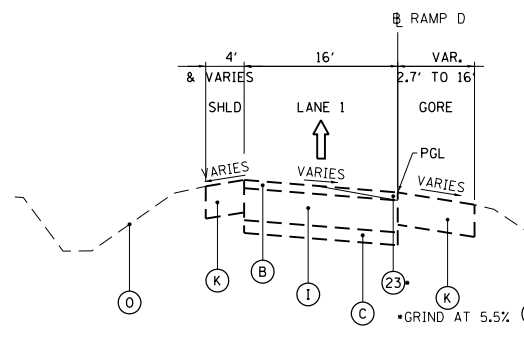
RAMP F2	
STRUCTURAL DESIGN TRAFFIC:	YEAR 2013
PV=	2,430
SU=	270
MU=	300
ROAD/STREET CLASSIFICATION:	CLASS 1
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P=	100%
S=	100%
M=	100%
TRAFFIC FACTOR:	ACTUAL TF=4.96
	MINIMUM TF=4.59
SUBGRADE SUPPORT RATING:	SSR=POOR



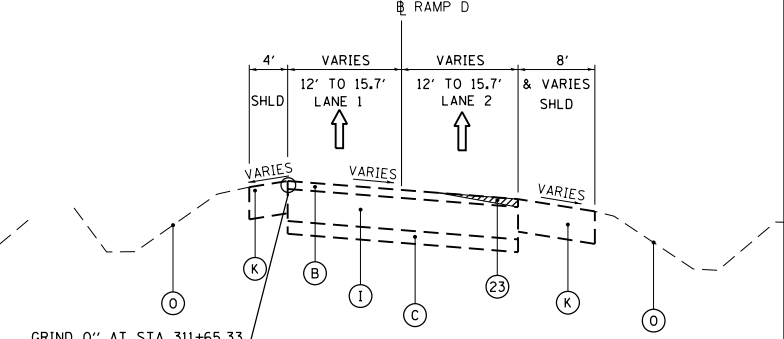
**PROPOSED RAMP F**  
STA 202+59.18 TO STA 205+76.57  
STA 2205+76.57 TO STA 2210+96.82  
LOOKING NORTH



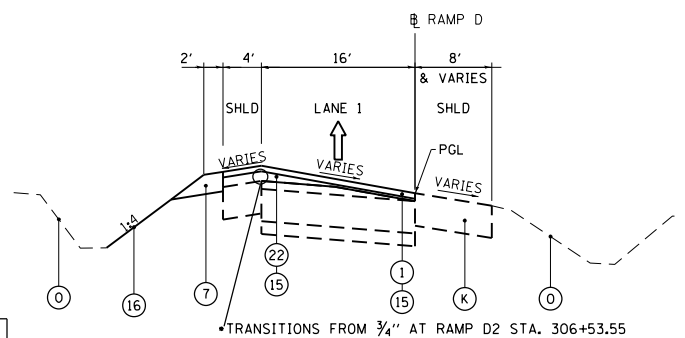
**EXISTING RAMP D**  
STA 306+53.80 TO STA 309+48.53  
LOOKING SOUTH



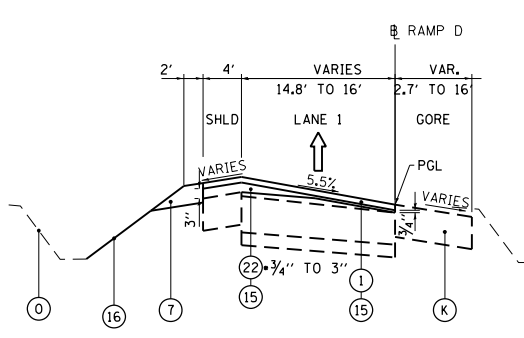
**EXISTING RAMP D**  
STA 309+48.53 TO STA 311+65.33  
LOOKING SOUTH



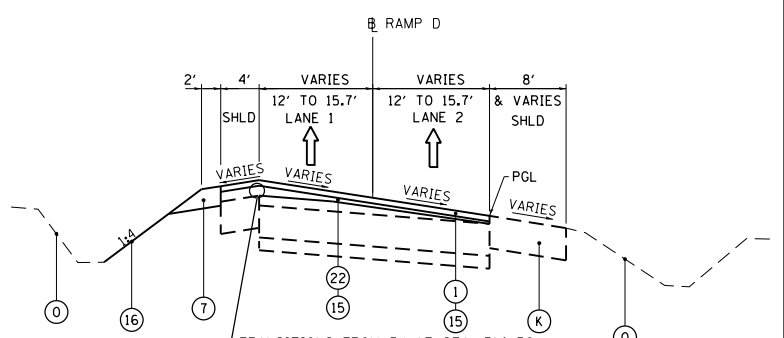
**EXISTING RAMP D**  
RAMP D STA 311+65.33 TO STA 316+17.73  
LOOKING SOUTH



**PROPOSED RAMP D**  
STA 306+53.55 TO STA 309+48.53  
LOOKING SOUTH



**PROPOSED RAMP D**  
STA 309+48.53 TO STA 311+65.33  
LOOKING SOUTH



**PROPOSED RAMP D**  
RAMP D STA 311+65.33 TO STA 316+17.73  
LOOKING SOUTH

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS  
RAMPS

SCALE: N/A SHEET NO. 7 OF 7 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	33
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

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EX LINE D			STAGE 1					STAGE 2						
			EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT
STATION			(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	
60+64.84	TO	61+00.00	6.22	5.29	0.14	5.15	0.00	0.00	11.85	10.07	5.03	5.05	16.96	6.78
61+00.00	TO	62+00.00	33.61	28.57	2.11	26.46	7.07	1.39	60.04	51.03	25.06	25.98	70.76	25.07
62+00.00	TO	63+00.00	31.02	26.37	3.96	22.40	14.26	3.13	50.93	43.29	30.70	12.58	64.74	18.91
63+00.00	TO	64+00.00	15.09	12.83	2.24	10.59	7.19	1.74	64.59	54.90	18.20	36.70	50.65	13.09
64+00.00	TO	65+00.00	0.00	0.00	0.00	0.00	0.00	0.00	79.31	67.42	4.15	63.27	31.41	5.04
65+00.00	TO	66+00.00	0.00	0.00	0.00	0.00	0.00	0.00	75.44	64.13	11.56	52.57	42.52	9.94
66+00.00	TO	67+00.00	0.00	0.00	0.00	0.00	0.00	0.00	71.74	60.98	18.07	42.91	48.22	13.44
67+00.00	TO	68+00.00	0.00	0.00	0.00	0.00	0.00	0.00	70.74	60.13	15.52	44.61	44.69	11.65
68+00.00	TO	69+00.00	0.00	0.00	0.00	0.00	0.00	0.00	67.50	57.38	17.22	40.15	40.13	12.96
69+00.00	TO	70+00.00	15.09	12.83	8.74	4.09	0.00	9.26	47.37	40.26	11.43	28.84	19.57	8.02
70+00.00	TO	71+00.00	30.93	26.29	18.80	7.49	0.00	16.63	59.50	50.58	0.00	50.58	0.00	0.00
71+00.00	TO	71+48.56	32.41	27.55	12.54	15.00	0.00	9.04	47.07	40.01	0.17	39.84	0.00	0.00
71+48.56	TO	72+00.00	46.88	39.85	20.80	19.04	0.00	10.88	47.31	40.21	0.36	39.85	0.00	0.00
72+00.00	TO	72+53.42	51.30	43.61	18.21	25.40	0.51	8.55	29.26	24.87	0.19	24.68	0.00	0.00
72+53.42	TO	73+00.00	52.90	44.97	9.73	35.24	2.93	5.37	14.34	12.19	0.00	12.19	0.00	0.00
73+00.00	TO	74+00.00	130.72	111.11	18.37	92.74	12.50	7.54	15.43	13.11	0.00	13.11	0.00	0.00
74+00.00	TO	75+00.00	154.39	131.23	10.70	120.53	19.85	5.28	0.00	0.00	0.00	0.00	0.00	0.00
75+00.00	TO	76+00.00	126.41	107.45	3.80	103.65	12.69	3.19	15.80	13.43	0.00	13.43	3.93	0.52
76+00.00	TO	77+00.00	86.63	73.64	0.00	73.64	0.00	0.00	32.61	27.72	0.00	27.72	5.89	0.52
77+00.00	TO	78+00.00	82.94	70.50	0.15	70.35	0.00	0.00	33.15	28.18	3.48	24.69	15.44	3.33
78+00.00	TO	79+00.00	83.44	70.93	0.15	70.78	0.00	0.00	35.65	30.30	10.22	20.08	13.48	11.74
79+00.00	TO	80+00.00	82.98	70.53	0.00	70.53	0.00	0.00	39.13	33.26	20.89	12.37	10.15	23.94
80+00.00	TO	80+74.82	61.23	52.04	0.00	52.04	0.00	0.00	29.55	25.12	27.72	-2.60	16.68	30.80

EX RAMP R			STAGE 1					STAGE 2						
			EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT
STATION			(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	
611+47.60	TO	612+00.00	0.11	0.09	7.97	-7.88	4.06	9.71	0.00	0.00	0.00	0.00	0.00	0.00
612+00.00	TO	613+00.00	0.00	0.00	12.06	-12.06	5.48	11.72	0.00	0.00	0.00	0.00	0.00	0.00
613+00.00	TO	613+13.29	0.00	0.00	0.79	-0.79	0.51	0.60	0.00	0.00	0.00	0.00	0.00	0.00

PR LINE D			STAGE 1					STAGE 2						
			EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT
STATION			(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	
080+74.82	TO	081+00.00	48.69	41.39	0.00	41.39	0.00	0.00	32.87	27.94	10.20	17.74	4.72	10.99
081+00.00	TO	082+00.00	180.52	153.44	0.00	153.44	0.00	0.00	115.17	97.89	44.94	52.95	7.80	49.65
082+00.00	TO	083+00.00	184.07	156.46	0.00	156.46	0.00	0.00	94.81	80.59	52.94	27.65	1.91	68.31
083+00.00	TO	084+00.00	195.69	166.33	0.00	166.33	0.00	0.00	83.17	70.69	52.41	18.28	0.00	77.33
084+00.00	TO	085+00.00	191.67	162.92	1.69	161.23	0.00	0.00	82.22	69.89	47.52	22.37	0.00	79.57
085+00.00	TO	086+00.00	194.80	165.58	15.44	150.13	0.00	27.50	84.54	71.86	46.13	25.73	0.00	67.48
086+00.00	TO	087+00.00	208.67	177.37	27.67	149.70	0.00	55.31	88.59	75.30	34.89	40.41	0.00	51.80
087+00.00	TO	088+00.00	199.56	169.62	13.91	155.71	0.00	27.81	90.15	76.63	20.80	55.83	0.00	51.54
088+00.00	TO	089+00.00	179.46	152.54	0.00	152.54	0.00	0.00	84.17	71.54	26.44	45.10	0.00	55.13
089+00.00	TO	090+00.00	169.15	143.78	0.00	143.78	0.00	0.00	79.78	67.81	53.06	14.76	0.00	63.28
090+00.00	TO	091+00.00	154.28	131.14	0.00	131.14	0.00	0.00	80.17	68.14	62.70	5.44	15.50	66.72
091+00.00	TO	092+00.00	185.98	158.08	0.00	158.08	0.00	0.00	79.50	67.58	42.15	25.43	48.56	50.67
092+00.00	TO	093+00.00	228.83	194.51	0.00	194.51	0.00	0.00	96.30	81.85	20.80	61.06	72.96	32.69
093+00.00	TO	094+00.00	196.02	166.62	0.00	166.62	0.00	0.00	114.89	97.66	9.07	88.58	39.91	18.31
094+00.00	TO	095+00.00	176.11	149.69	0.00	149.69	0.00	0.00	271.30	230.60	12.70	217.90	0.00	40.72
095+00.00	TO	096+00.00	201.59	171.35	0.00	171.35	0.00	0.00	339.09	288.23	32.81	255.41	0.00	80.80
096+00.00	TO	097+00.00	209.22	177.84	0.00	177.84	0.00	0.00	199.44	169.53	25.80	143.73	38.33	61.76
097+00.00	TO	098+00.00	186.39	158.43	0.00	158.43	0.00	0.00	146.26	124.32	4.89	119.43	67.80	35.19
098+00.00	TO	099+00.00	147.72	125.56	0.00	125.56	0.00	0.00	121.85	103.57	4.39	99.19	78.74	30.28
099+00.00	TO	100+00.00	117.00	99.45	0.00	99.45	0.00	0.00	86.09	73.18	5.57	67.60	49.28	15.76
100+00.00	TO	101+00.00	120.76	102.65	0.00	102.65	0.00	0.00	84.69	71.98	5.94	66.04	0.00	5.09
101+00.00	TO	102+00.00	89.57	76.14	0.00	76.14	0.00	0.00	73.48	62.46	5.06	57.40	0.00	5.11
102+00.00	TO	103+00.00	44.09	37.48	0.00	37.48	0.00	0.00	52.78	44.86	3.37	41.49	0.00	5.11
103+00.00	TO	104+00.00	44.78	38.06	0.00	38.06	0.00	0.00	38.24	32.50	8.44	24.06	0.00	9.80
104+00.00	TO	105+00.00	45.83	38.96	0.00	38.96	0.00	0.00	16.80	14.28	14.19	0.09	0.00	14.57

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FILE NAME = #FILE#	USER NAME = default	DESIGNED - DRAWN - BC	REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EARTHWORK SCHEDULE</b>	F.A.I. RTE. 94	SECTION 2012-059-BR	COUNTY COOK	TOTAL SHEETS 631	SHEET NO. 34			
	PLOT SCALE = #SCALE#	CHECKED - RGR	REVISED -			SCALE: NA	SHEET NO. 1 OF 4 SHEETS	STA.	TO STA.	CONTRACT NO. 60J12			
	PLOT DATE = 3/29/2013	DATE - 03/29/2013	REVISED -			ILLINOIS FED. AID PROJECT							

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MOD LINE E			STAGE 1					STAGE 2						
			EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT
STATION			(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
812+30.00	TO	813+00.00	68.92	58.59	5.55	53.04	5.43	1.01	61.50	53.27	15.35	36.92	23.49	7.88
813+00.00	TO	814+00.00	93.39	79.38	12.56	66.83	14.30	3.81	85.96	73.07	16.91	56.16	24.43	8.46
814+00.00	TO	815+00.00	60.80	51.68	57.35	-5.68	53.52	22.02	63.20	53.72	109.67	-55.94	56.39	26.00
815+00.00	TO	815+50.35	15.21	12.93	62.31	-49.39	54.94	23.43	20.49	17.42	261.56	-244.14	59.11	29.12
815+50.35	TO	820+09.45	0.00	0.00	1,002.39	-1,002.39	85.79	42.90	0.00	0.00	957.75	-957.75	184.28	92.14
820+09.45	TO	821+00.00	7.63	6.49	586.16	-579.68	139.11	57.10	4.09	3.48	56.91	-53.43	42.16	12.38
821+00.00	TO	822+00.00	9.31	7.92	128.85	-120.93	88.02	33.04	6.96	5.92	57.41	-51.49	39.54	12.50
822+00.00	TO	823+00.00	28.41	24.15	40.19	-16.04	28.69	9.63	26.06	22.15	18.81	3.33	27.31	6.96
823+00.00	TO	824+00.00	56.80	48.28	25.94	22.33	26.98	8.61	55.81	47.44	7.70	39.74	17.69	3.43
824+00.00	TO	824+20.00	15.49	13.17	5.41	7.75	6.03	2.06	15.07	12.81	1.28	11.53	2.63	0.29

PR LINE F			STAGE 1					STAGE 2						
			EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT
STATION			(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
921+61.50	TO	922+00.00	53.28	45.29	12.42	32.87	0.00	5.46	106.18	90.25	4.27	85.98	0.00	1.43
922+00.00	TO	923+00.00	162.19	137.86	27.22	110.64	0.00	13.04	249.19	211.81	14.52	197.29	0.00	5.37
923+00.00	TO	924+00.00	169.87	144.39	23.76	120.63	0.00	11.50	231.48	196.76	15.31	181.44	0.00	7.13
924+00.00	TO	925+00.00	160.83	136.71	22.70	114.00	9.70	10.04	210.76	179.15	85.11	94.03	76.44	46.15
925+00.00	TO	925+97.53	77.39	65.78	653.94	-588.16	9.46	34.79	92.83	78.91	755.69	-676.79	74.56	70.19
925+97.53	TO	926+46.42	0.00	0.00	766.41	-766.41	0.00	30.45	0.00	0.00	807.03	-807.03	0.00	29.74
926+46.42	TO	927+04.19	0.00	0.00	1,055.95	-1,055.95	0.00	36.05	0.00	0.00	1,114.03	-1,114.03	0.00	35.73
927+04.19	TO	927+54.31	0.00	0.00	723.46	-723.46	0.00	31.27	0.00	0.00	744.00	-744.00	0.00	31.01
927+54.31	TO	928+00.00	48.27	41.03	242.14	-201.11	5.31	15.48	49.13	41.76	270.16	-228.40	37.13	32.81
928+00.00	TO	929+00.00	235.28	199.99	9.87	190.12	20.91	4.57	228.07	193.86	84.39	109.47	89.04	43.63
929+00.00	TO	930+00.00	248.44	211.18	9.24	201.94	19.11	3.89	241.94	205.65	13.76	191.89	25.41	8.24
930+00.00	TO	930+54.68	127.76	108.59	8.81	99.79	15.04	4.30	124.68	105.98	15.85	90.13	25.00	8.32
936+79.42	TO	937+00.00	31.41	26.70	4.78	21.92	6.28	1.73	47.68	40.53	23.73	16.80	27.81	12.95
937+00.00	TO	938+00.00	162.70	138.30	14.00	124.30	20.83	4.91	252.06	214.25	55.46	158.78	71.56	31.33
938+00.00	TO	938+69.98	115.48	98.16	7.36	90.80	12.93	2.95	177.84	151.16	4.00	147.16	8.26	0.83
938+69.98	TO	939+00.00	23.57	20.04	1.37	18.67	3.08	0.68	70.04	59.53	1.78	57.75	3.77	0.36
939+00.00	TO	939+04.00	0.00	0.00	0.00	0.00	0.00	0.00	9.21	7.83	0.22	7.61	0.51	0.05
939+04.00	TO	940+00.00	0.00	0.00	0.00	0.00	0.00	0.00	169.49	144.07	2.54	141.53	6.08	0.57
940+00.00	TO	940+43.67	0.00	0.00	0.00	0.00	0.00	0.00	39.38	33.47	0.00	33.47	0.00	1.57
940+43.67	TO	941+00.00	0.00	0.00	0.00	0.00	0.00	0.00	30.95	26.31	0.00	26.31	0.00	2.67
941+00.00	TO	942+00.00	0.00	0.00	0.00	0.00	0.00	0.00	50.50	42.93	0.00	42.93	0.00	2.59
942+00.00	TO	943+00.00	0.00	0.00	0.00	0.00	0.00	0.00	49.41	42.00	0.00	42.00	0.00	5.35
943+00.00	TO	944+00.00	0.00	0.00	0.00	0.00	0.00	0.00	46.94	39.90	0.00	39.90	0.00	6.81

PR LINE F			STAGE 1					STAGE 2						
			EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT
STATION			(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
904+11.64	TO	905+00.00	0.00	0.00	0.00	0.00	0.00	0.00	298.13	253.41	8.13	245.28	0.00	61.67
905+00.00	TO	906+00.00	0.00	0.00	0.00	0.00	0.00	0.00	290.43	246.86	13.83	233.03	0.00	64.48
906+00.00	TO	907+00.00	0.00	0.00	0.00	0.00	0.00	0.00	201.57	171.34	28.15	143.19	0.00	63.33
907+00.00	TO	908+00.00	0.00	0.00	0.00	0.00	0.00	0.00	144.04	122.43	56.94	65.49	0.00	70.59
908+00.00	TO	909+00.00	0.00	0.00	0.00	0.00	0.00	0.00	126.63	107.64	58.09	49.54	0.00	54.63
909+00.00	TO	909+26.74	0.00	0.00	0.00	0.00	0.00	0.00	31.75	26.98	10.98	16.00	0.00	7.97
909+26.74	TO	910+00.00	0.00	0.00	0.00	0.00	0.00	0.00	60.64	51.55	25.90	25.65	0.00	24.27
910+00.00	TO	911+00.00	0.00	0.00	0.00	0.00	0.00	0.00	52.15	44.33	32.06	12.27	0.00	41.17
911+00.00	TO	912+00.00	0.00	0.00	0.00	0.00	0.00	0.00	56.00	47.60	34.09	13.51	0.00	46.33
912+00.00	TO	913+00.00	0.00	0.00	0.00	0.00	0.00	0.00	51.37	43.66	35.59	8.07	0.00	44.50
913+00.00	TO	914+00.00	0.00	0.00	0.00	0.00	0.00	0.00	65.19	55.41	36.20	19.20	0.00	50.74
914+00.00	TO	915+00.00	0.00	0.00	0.00	0.00	0.00	0.00	84.80	72.08	32.26	39.82	0.00	55.41
915+00.00	TO	916+00.00	0.00	0.00	0.00	0.00	0.00	0.00	86.69	73.68	28.48	45.20	0.00	49.00
916+00.00	TO	917+00.00	0.00	0.00	0.00	0.00	0.00	0.00	88.06	74.85	25.28	49.57	0.00	49.48
917+00.00	TO	918+00.00	0.00	0.00	0.00	0.00	0.00	0.00	63.19	53.71	24.52	29.19	0.00	35.11
918+00.00	TO	919+00.00	0.00	0.00	0.00	0.00	0.00	0.00	39.24	33.35	25.70	7.65	0.00	20.81
919+00.00	TO	920+00.00	0.00	0.00	0.00	0.00	0.00	0.00	45.30	38.50	24.94	13.56	0.00	21.46
920+00.00	TO	921+00.00	0.00	0.00	0.00	0.00	0.00	0.00	85.54	72.71	23.06	49.65	0.00	17.02
921+00.00	TO	921+61.50	0.00	0.00	0.00	0.00	0.00	0.00	85.45	72.63	7.14	65.49	0.00	4.57

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FILE NAME =	USER NAME = default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EARTHWORK SCHEDULE</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - BC	REVISED -			94	2012-059-BR	COOK	631	35	
PLOT SCALE = #SCALE#		CHECKED - RGR	REVISED -			<b>CONTRACT NO. 60J12</b>					
PLOT DATE = 3/29/2013		DATE - 03/29/2013	REVISED -			SCALE: NA	SHEET NO. 2 OF 4 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		

PR LINE E	STAGE 1						STAGE 2							
	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT		
STATION	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)		
204+50.98	TO	205+00.00	35.77	30.40	0.00	30.40	0.00	0.00	21.65	18.40	0.00	18.40	0.00	0.00
205+00.00	TO	206+00.00	72.70	61.80	0.00	61.80	0.00	0.00	32.37	27.51	7.74	19.77	0.00	5.52
206+00.00	TO	207+00.00	68.87	58.54	4.65	53.89	0.00	1.93	18.63	15.84	16.41	-0.57	0.00	11.07
207+00.00	TO	208+00.00	74.54	63.36	11.11	52.25	0.00	5.46	24.80	21.08	16.04	5.04	0.00	11.11
208+00.00	TO	209+00.00	89.52	76.09	9.04	67.05	1.43	4.07	31.26	26.57	16.70	9.87	0.00	11.83
209+00.00	TO	210+00.00	110.44	93.88	6.24	87.64	17.69	6.85	36.39	30.93	17.43	13.50	0.00	12.70
210+00.00	TO	211+00.00	139.69	118.73	5.93	112.81	44.83	18.19	47.13	40.06	14.72	25.34	12.59	18.67
211+00.00	TO	212+00.00	151.28	128.59	5.28	123.31	51.67	21.30	55.41	47.10	10.61	36.49	40.31	30.85
212+00.00	TO	213+00.00	127.19	108.11	9.17	98.94	41.26	15.20	52.28	44.44	14.39	30.05	46.57	33.52
213+00.00	TO	214+00.00	104.67	88.97	240.98	-152.01	96.02	43.39	41.28	35.09	20.11	14.98	37.43	29.41
214+00.00	TO	218+31.06	0.00	0.00	4,238.58	-4,238.58	453.44	226.72	125.10	106.34	364.05	-257.71	213.16	106.58
218+31.06	TO	219+00.00	64.02	54.42	1,957.12	-1,902.70	116.53	92.81	26.55	22.57	13.09	9.49	8.91	11.85
219+00.00	TO	220+00.00	59.44	50.53	2,553.80	-2,503.27	151.69	121.56	26.30	22.87	22.87	-0.52	0.00	12.11
220+00.00	TO	221+00.00	53.89	45.81	2,190.00	-2,144.19	148.13	113.94	23.98	22.50	22.50	-2.12	0.00	12.09
221+00.00	TO	222+00.00	76.19	64.76	1,460.63	-1,395.87	167.35	124.89	32.76	27.85	15.02	12.83	0.00	9.78
222+00.00	TO	223+00.00	103.78	88.21	448.52	-360.31	93.43	85.57	44.48	37.81	9.94	27.86	6.93	10.89
223+00.00	TO	224+00.00	112.69	95.78	21.93	73.86	10.22	40.89	47.83	40.66	7.52	33.14	17.59	12.54
224+00.00	TO	224+87.94	95.17	80.90	23.87	57.02	25.00	44.85	42.10	35.78	6.71	29.07	17.13	7.80
224+87.94	TO	225+00.00	7.46	6.34	3.42	2.92	2.60	5.58	2.86	2.43	0.57	1.87	1.06	0.31
225+00.00	TO	226+00.00	24.61	20.92	23.20	-2.28	0.00	33.72	0.00	0.00	0.00	0.00	0.00	0.00
226+00.00	TO	226+45.60	13.18	11.20	5.80	5.40	0.00	7.41	0.00	0.00	0.00	0.00	0.00	0.00

PR RAMP R	STAGE 1						STAGE 2							
	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT		
STATION	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)		
604+47.77	TO	605+00.00	23.04	19.58	19.20	0.38	0.00	8.01	0.00	0.00	0.00	0.00	0.00	0.00
605+00.00	TO	606+00.00	39.26	33.37	42.00	-8.63	0.00	17.54	0.00	0.00	0.00	0.00	0.00	0.00
606+00.00	TO	607+00.00	45.52	38.69	45.37	-6.68	0.00	20.85	0.00	0.00	0.00	0.00	0.00	0.00
607+00.00	TO	608+00.00	75.44	64.13	39.89	24.24	0.00	31.56	0.00	0.00	0.00	0.00	0.00	0.00
608+00.00	TO	609+00.00	109.26	92.87	28.09	64.78	0.00	38.59	0.00	0.00	0.00	0.00	0.00	0.00
609+00.00	TO	610+00.00	124.26	105.62	16.76	88.86	0.00	34.46	0.00	0.00	0.00	0.00	0.00	0.00
610+00.00	TO	611+00.00	119.19	101.31	17.33	83.97	6.89	33.30	0.00	0.00	0.00	0.00	0.00	0.00
611+00.00	TO	611+47.60	53.24	45.26	10.84	34.41	5.99	16.47	0.00	0.00	0.00	0.00	0.00	0.00

PR RAMP F	STAGE 1						STAGE 2							
	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT		
STATION	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)		
200+64.30	TO	201+00.00	0.00	0.00	0.00	0.00	0.00	0.00	49.25	41.86	8.70	33.16	7.99	16.47
201+00.00	TO	202+00.00	62.59	53.20	2.20	51.00	20.94	4.52	97.52	82.89	7.31	75.58	28.33	40.61
202+00.00	TO	203+00.00	132.78	112.86	159.39	-46.53	115.28	34.98	57.63	48.99	2.20	46.78	15.26	39.04
203+00.00	TO	204+00.00	129.37	109.96	405.11	-295.15	200.87	67.56	42.61	36.22	15.02	21.20	46.09	56.07
204+00.00	TO	205+00.00	123.15	104.68	547.17	-442.49	222.96	80.54	32.31	27.47	17.50	9.97	53.30	58.69
205+00.00	TO	206+00.00	137.33	116.73	609.76	-493.03	234.43	86.56	49.20	41.82	6.37	35.45	39.74	48.28
206+00.00	TO	207+00.00	137.37	116.76	678.81	-562.05	238.81	88.87	59.80	50.83	4.63	46.20	54.61	49.87
207+00.00	TO	208+00.00	114.94	97.70	734.63	-636.93	244.57	92.93	70.67	60.07	4.31	55.75	35.63	34.50
208+00.00	TO	209+00.00	91.72	77.96	683.48	-605.52	235.54	89.54	74.44	63.28	3.70	59.57	13.31	18.89
209+00.00	TO	210+00.00	95.22	80.94	559.69	-478.75	213.87	84.74	58.80	49.98	4.96	45.01	18.93	17.41
210+00.00	TO	211+00.00	140.87	119.74	256.28	-136.54	120.37	49.31	42.80	36.38	3.59	32.78	9.85	7.81
211+00.00	TO	211+31.24	53.09	45.13	7.80	37.33	8.00	4.21	10.49	8.92	0.00	8.92	0.00	0.00

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FILE NAME =	USER NAME = default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EARTHWORK SCHEDULE</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - BC	REVISED -			94	2012-059-BR	COOK	631	36	
		CHECKED - RGR	REVISED -			CONTRACT NO. 60J12					
		DATE - 03/29/2013	REVISED -			SCALE: NA	SHEET NO. 3 OF 4 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

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PR RAMP F2	STAGE 1						STAGE 2					
	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT
STATION	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
1206+40.00 TO 1207+00.00	119.01	101.16	4.32	96.84	35.23	23.63	0.00	0.00	0.00	0.00	0.00	0.00
1207+00.00 TO 1208+00.00	257.69	219.03	0.00	219.03	0.00	55.56	0.00	0.00	0.00	0.00	0.00	0.00
1208+00.00 TO 1209+00.00	141.65	120.40	39.15	81.25	47.67	53.80	0.00	0.00	0.00	0.00	0.00	0.00
1209+00.00 TO 1209+59.38	17.21	14.63	84.36	-69.74	66.59	24.51	0.00	0.00	0.00	0.00	0.00	0.00
1209+59.38 TO 1209+98.06	6.14	5.22	82.94	-77.72	48.21	12.94	0.00	0.00	0.00	0.00	0.00	0.00

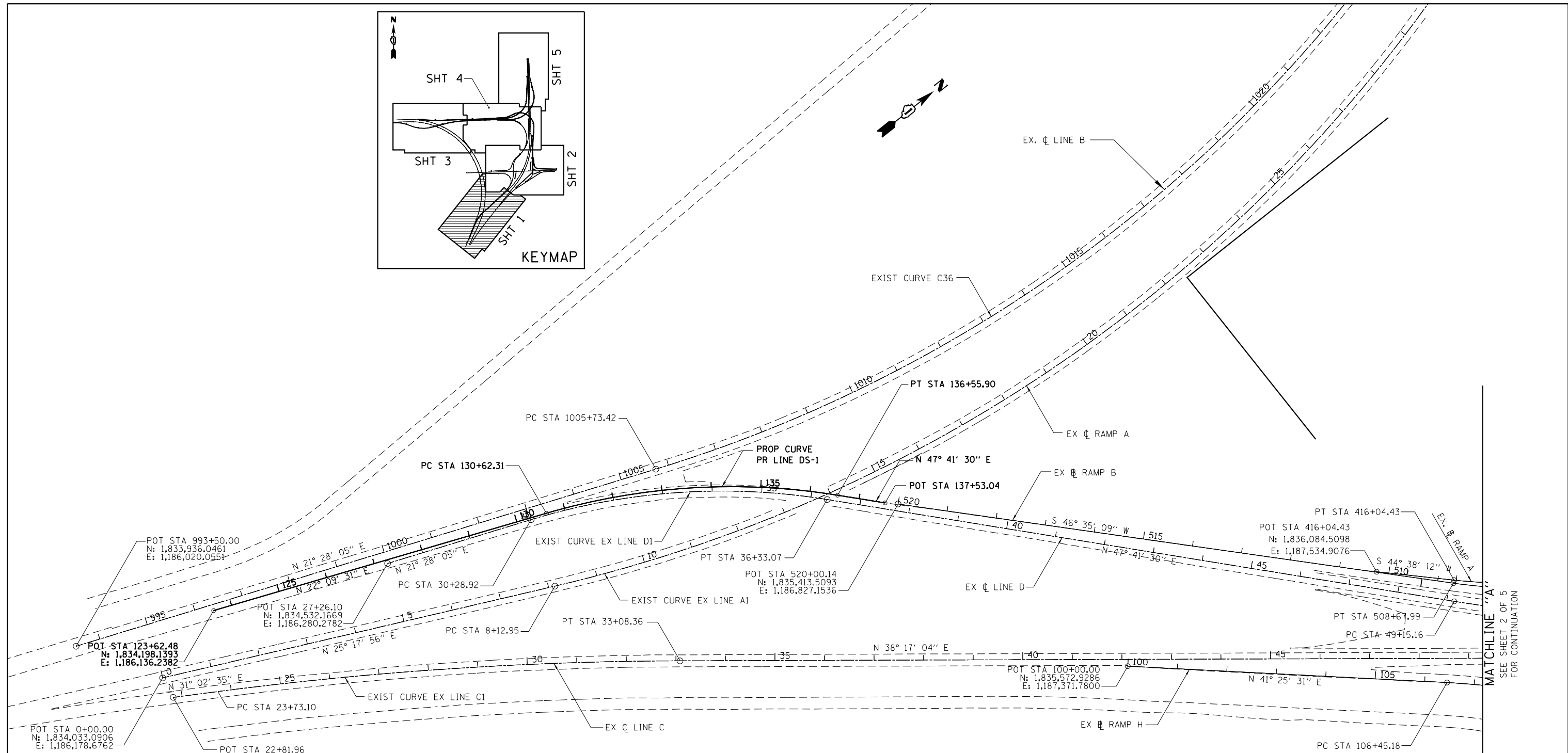
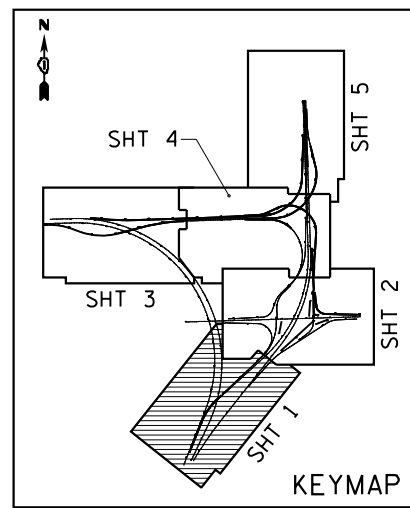
ALIGNMENT	STAGE 1 SUMMARY					STAGE 2 SUMMARY				
	EARTH EXCAVATION (CY)	EARTHWORK BALANCE (CY)	TOPSOIL REMOVAL (CY)	TOPSOIL PLACEMENT (CY)	TOPSOIL BALANCE (CY)	EARTH EXCAVATION (CY)	BALANCE (CY)	TOPSOIL REMOVAL (CY)	TOPSOIL PLACEMENT (CY)	TOPSOIL BALANCE (CY)
EX_LINE-D	1,124.20	825.12	77.00	81.99	-4.98	998.31	628.59	495.22	195.76	299.45
EX_RAMP_R	0.11	-20.72	10.05	22.04	-11.99	-	-	-	-	-
MOD_LINE-E	355.95	-1,624.15	502.80	203.61	299.19	339.15	-1,215.07	477.02	199.15	277.86
PR_LINE-D	3,900.45	3,256.68	0.00	110.63	-110.63	2,636.34	1,593.67	425.50	1,047.65	-622.16
PR_LINE-E	1,585.08	-11,871.93	1,421.27	1,014.33	406.94	733.16	26.77	401.69	348.63	53.06
PR_LINE-F	1,616.48	-2,209.42	122.66	211.10	-88.44	2,477.76	-1,905.77	445.54	384.84	60.71
PR_LINE-F	-	-	-	-	-	1,956.14	1,131.36	0.00	782.55	-782.55
PR_RAMP-F	1,218.44	-3,608.64	1,855.64	683.75	1,171.89	645.52	470.38	323.05	387.63	-64.59
PR_RAMP_F2	541.69	249.66	197.71	170.43	27.28	-	-	-	-	-
PR_RAMP_R	589.21	281.34	12.88	200.78	-187.90	-	-	-	-	-
	10,932	-14,722	4,200	2,699	1,501	9,786	730	2,568	3,346	-778

EARTHWORK SUMMARY			
CODE NO	ITEM	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CY	20,718
20400800	FURNISHED EXCAVATION	CY	14,722
21101505	TOPSIL EXCAVATION AND PLACEMENT	CY	7,546

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FILE NAME =	USER NAME = default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EARTHWORK SCHEDULE</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL\$		DRAWN - BC	REVISED -			94	2012-059-BR	COOK	631	37	
	PLOT SCALE = \$SCALE\$	CHECKED - RGR	REVISED -			<b>CONTRACT NO. 60J12</b>					
	PLOT DATE = 4/26/2013	DATE - 03/29/2013	REVISED -			SCALE: NA	SHEET NO. 4 OF 4 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	



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. = -----  
 S.E. RUN = -----  
 P.C. STA. = 23+73.10  
     N: 1,834,103.2756  
     E: 1,186,269.6693  
 P.T. STA. = 33+08.36  
     N: 1,834,872.0217  
     E: 1,186,801.2555  
 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. = -----  
 S.E. RUN = -----  
 P.C. STA. = 8+12.95  
     N: 1,834,768.0725  
     E: 1,186,526.0816  
 P.T. STA. = 69+77.04  
     N: 1,839,075.1579  
     E: 1,183,707.2595  
 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. = -----  
 S.E. RUN = -----  
 P.C. STA. = 1005+73.42  
     N: 1,839,075.1579  
     E: 1,183,707.2595  
 P.T. STA. = 1062+26.42  
     N: 1,839,075.1579  
     E: 1,183,707.2595  
 DS = 55 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. = -----  
 S.E. RUN = -----  
 P.C. STA. = 30+28.92  
     N: 1,839,075.1579  
     E: 1,183,707.2595  
 P.T. STA. = 36+33.07  
     N: 1,835,307.0658  
     E: 1,186,731.0068  
 DS = 55 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)  
 $D = 4^\circ 18' 05''$   
 $R = 1,332.00'$   
 $T = 301.80'$   
 $L = 593.59'$   
 $E = 33.76'$   
 $e = \text{N/A}$   
 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 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 -
*FILE#		DRAWN - JG	REVISED -
	PLOT SCALE = *SCALE*	CHECKED - OC	REVISED -
	PLOT DATE = 3/29/2013	DATE - 03/29/2013	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	2012-059-BR	COOK	631	38
CONTRACT NO. 60J12				
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  
 N: 1,838,865.2213  
 E: 1,188,265.1993  
 P.T. STA. = 624+34.25  
 N: 1,837,706.7661  
 E: 1,188,243.2967  
 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  
 N: 1,837,507.2288  
 E: 1,188,036.4235  
 P.T. STA. = 629+28.99  
 N: 1,837,334.0541  
 E: 1,187,925.9485  
 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  
 N: 1,837,179.5420  
 E: 1,187,872.6348  
 P.T. STA. = 633+71.80  
 N: 1,837,021.4847  
 E: 1,187,662.1929  
 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  
 N: 1,837,529.1867  
 E: 1,188,094.1476  
 P.T. STA. = 320+35.11  
 N: 1,837,205.2960  
 E: 1,187,962.9076  
 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  
 N: 1,838,404.3308  
 E: 1,188,553.7867  
 P.T. STA. = 314+50.00  
 N: 1,837,697.0651  
 E: 1,188,245.1509  
 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

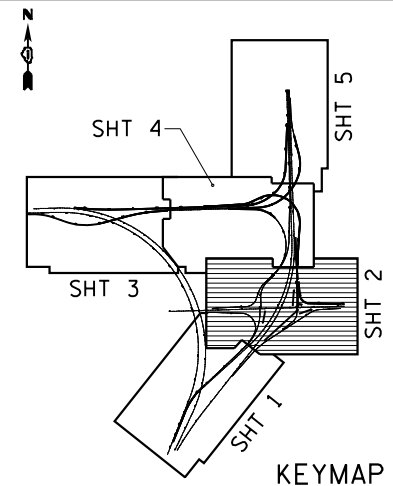
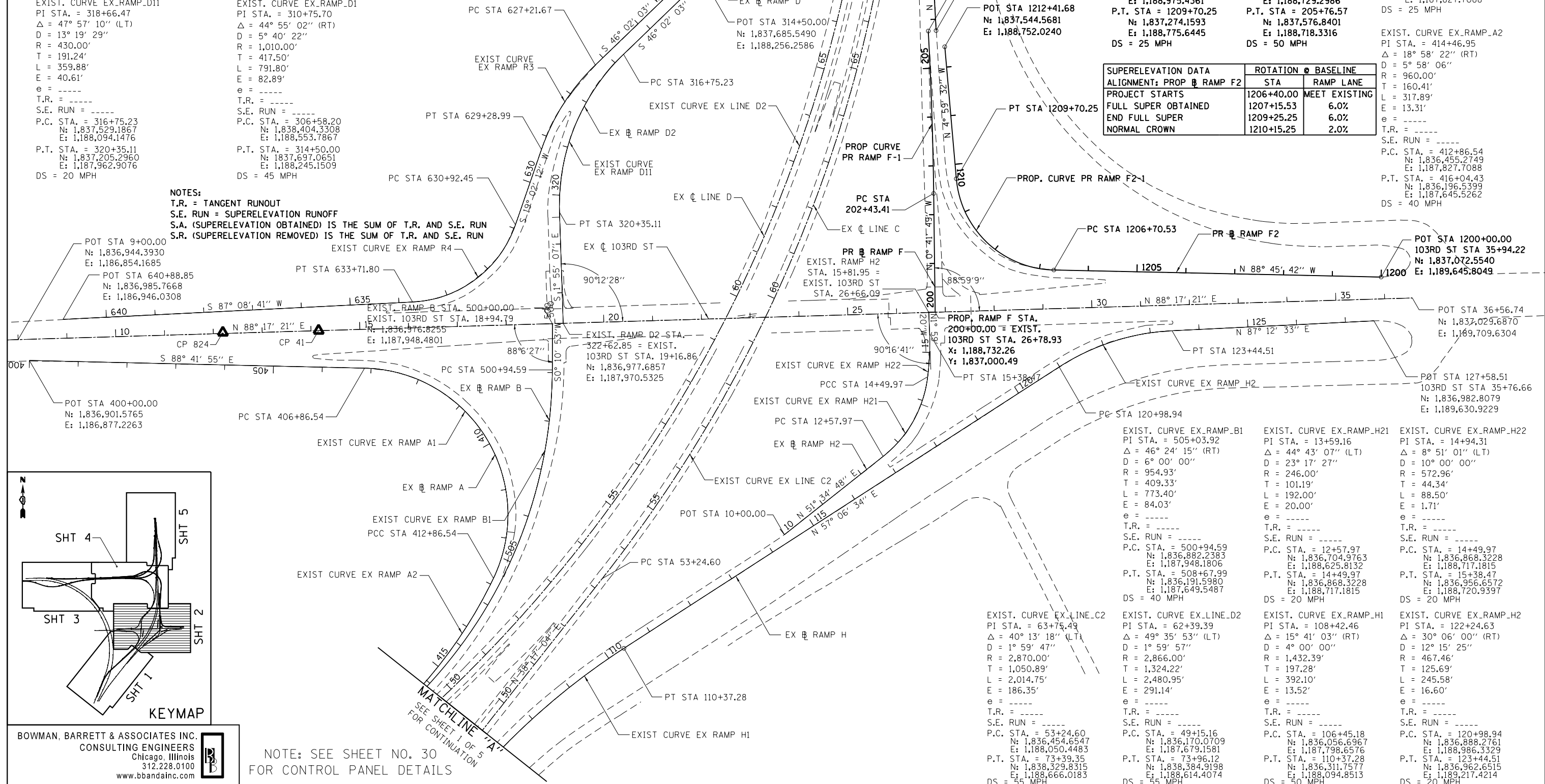
PROP. CURVE PR\_RAMP\_F2-1  
 PI STA. = 1208+54.36  
 $\Delta = 83^\circ 46' 10''$  (RT)  
 D = 27' 56" 57"  
 R = 205.00'  
 T = 183.84'  
 L = 299.72'  
 E = 70.36'  
 e = 6.0%  
 T.R. = N/A  
 S.E. RUN = 45.76'  
 P.C. STA. = 1206+70.53  
 N: 1,837,097.0463  
 E: 1,188,975.4361  
 P.T. STA. = 1209+70.25  
 N: 1,837,274.1593  
 E: 1,188,775.6445  
 DS = 25 MPH

PROP. CURVE PR\_RAMP\_F-1  
 PI STA. = 204+10.01  
 $\Delta = 2^\circ 23' 10''$  (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

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  
 N: 1,836,885.9856  
 E: 1,187,563.5899  
 P.T. STA. = 412+86.54  
 N: 1,836,455.2749  
 E: 1,187,827.7088  
 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  
 N: 1,836,455.2749  
 E: 1,187,827.7088  
 P.T. STA. = 416+04.43  
 N: 1,836,196.5399  
 E: 1,187,645.5262  
 DS = 40 MPH

SUPERELEVATION DATA	ROTATION @ BASELINE	
	STA	RAMP LANE
ALIGNMENT: PROP R RAMP F2	1206+40.00	MEET EXISTING
PROJECT STARTS	1207+15.53	6.0%
FULL SUPER OBTAINED	1209+25.25	6.0%
END FULL SUPER	1210+15.25	2.0%
NORMAL CROWN		

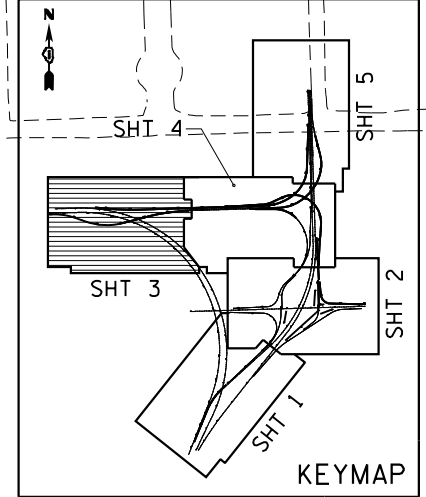


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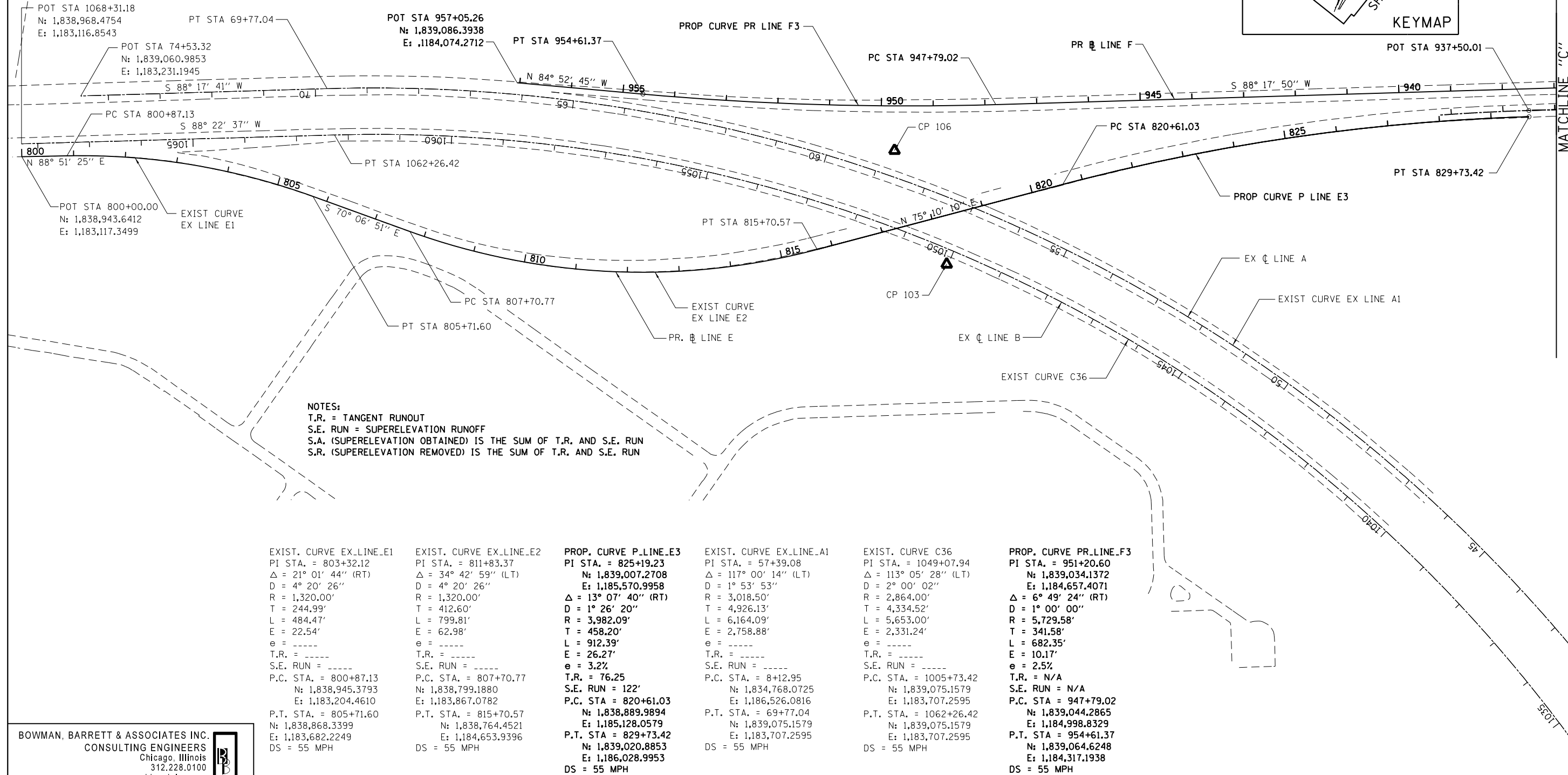
NOTE: SEE SHEET NO. 30  
 FOR CONTROL PANEL DETAILS

FILE NAME =	USER NAME = default	DESIGNED - JG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT, TIES, AND BENCHMARKS				SCALE: 1"=100'	SHEET NO. 2 OF 6 SHEETS	STA. N/A TO STA. N/A	ILLINOIS FED. AID PROJECT	
#FILE#		DRAWN - JG	REVISED -		94	2012-059-BR	COOK	631					39
		CHECKED - OC	REVISED -		CONTRACT NO. 60J12								
		DATE - 03/29/2013	REVISED -										

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SUPERELEVATION DATA ALIGNMENT: PROP LINE E	ROTATION @ BASELINE	
	STA	RAMP LANE
PROJECT BEGINS	812+30.00	-5.80%
END FULL SUPER	815+21.90	-5.80%
NORMAL CROWN	816+67.90	-2.0%
END NORMAL CROWN	819+23.78	-2.0%
REMOVE CROWN (FLAT)	820+00.03	0.0%
BEGIN FULL SUPER	821+22.03	3.20%



NOTES:  
T.R. = TANGENT RUNOFF  
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

<b>EXIST. CURVE EX_LINE_E1</b> PI STA. = 803+32.12 $\Delta = 21^\circ 01' 44''$ (RT) D = 4° 20' 26" R = 1,320.00' T = 244.99' L = 484.47' E = 22.54' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 800+87.13 N: 1,838,945.3793 E: 1,183,204.4610 P.T. STA. = 805+71.60 N: 1,838,868.3399 E: 1,183,682.2249 DS = 55 MPH	<b>EXIST. CURVE EX_LINE_E2</b> PI STA. = 811+83.37 $\Delta = 34^\circ 42' 59''$ (LT) D = 4° 20' 26" R = 1,320.00' T = 412.60' L = 799.81' E = 62.98' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 807+70.77 N: 1,838,799.1880 E: 1,183,867.0782 P.T. STA. = 815+70.57 N: 1,838,764.4521 E: 1,184,653.9396 DS = 55 MPH	<b>PROP. CURVE P_LINE_E3</b> PI STA. = 825+19.23 N: 1,839,007.2708 E: 1,185,570.9958 $\Delta = 13^\circ 07' 40''$ (RT) D = 1° 26' 20" R = 3,982.09' T = 458.20' L = 912.39' E = 26.27' e = 3.2% T.R. = 76.25 S.E. RUN = 122' 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	<b>EXIST. CURVE EX_LINE_A1</b> PI STA. = 57+39.08 $\Delta = 117^\circ 00' 14''$ (LT) D = 1° 53' 53" R = 3,018.50' T = 4,926.13' L = 6,164.09' E = 2,758.88' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 8+12.95 N: 1,834,768.0725 E: 1,186,526.0816 P.T. STA. = 69+77.04 N: 1,839,075.1579 E: 1,183,707.2595 DS = 55 MPH	<b>EXIST. CURVE C36</b> PI STA. = 1049+07.94 $\Delta = 113^\circ 05' 28''$ (LT) D = 2° 00' 02" R = 2,864.00' T = 4,334.52' L = 5,653.00' E = 2,331.24' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 1005+73.42 N: 1,839,075.1579 E: 1,183,707.2595 P.T. STA. = 1062+26.42 N: 1,839,075.1579 E: 1,183,707.2595 DS = 55 MPH	<b>PROP. CURVE PR_LINE_F3</b> PI STA. = 951+20.60 N: 1,839,034.1372 E: 1,184,657.4071 $\Delta = 6^\circ 49' 24''$ (RT) D = 1° 00' 00" R = 5,729.58' T = 341.58' L = 682.35' E = 10.17' e = 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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MATCHLINE "C"  
SEE SHEET 4 OF 5  
FOR CONTINUATION

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NOTE: SEE SHEET NO. 30 FOR CONTROL POINT DETAILS.

FILE NAME =	USER NAME = default	DESIGNED - JG	REVISED -
#FILE#		DRAWN - JG	REVISED -
		CHECKED - OC	REVISED -
		DATE - 03/29/2013	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

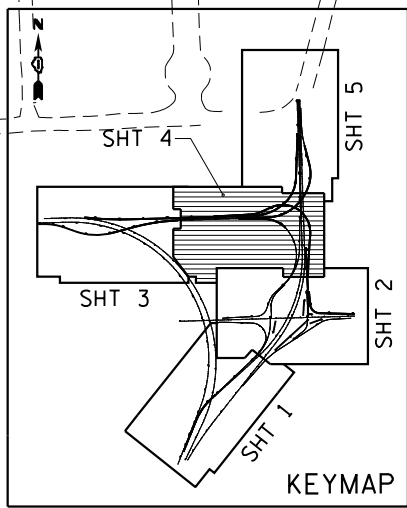
ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1"=100' SHEET NO. 3 OF 6 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	40
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

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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° 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.R. 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° 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

SUPERELEVATION DATA	ROTATION @ BASELINE	
	STA	RAMP LANE
ALIGNMENT: PROP @ LINE F		
NORMAL CROWN	908+28.25	2.0%
FULL SUPER OBTAINED	909+46.30	6.0%
END FULL SUPER	920+97.50	6.0%
NORMAL CROWN	922+25.50	2.0%

POT STA 1732+16.93  
 N: 1,839,110.4674 E: 1,186,821.3298  
 PI STA 1730+16.93  
 N: 1,839,116.4100 E: 1,187,021.2415  
 POT STA EQUATION  
 AHEAD: 201+19.26  
 BACK: 924+93.21  
 N: 1,839,070.2232 E: 1,187,284.8815  
 POT STA 601+16.17  
 N: 1,839,058.2285 E: 1,187,285.2380

PT STA 921+61.50  
 PT STA 1724+67.53  
 PI STA 925+16.01  
 N: 1,839,115.5244 E: 1,187,260.6913  
 PI STA 203+20.28  
 N: 1,839,072.1967 E: 1,187,485.8952  
 PC STA 606+62.02  
 PT STA 611+47.60

SUPERELEVATION DATA	ROTATION @ CENTER LINE		
	STA	INSIDE LANE	OUTSIDE LANE
ALIGNMENT: PROP @ LINE E			
NORMAL CROWN	925+95.45	2.0%	-2.0%
REMOVE CROWN	925+44.33	0.0%	-2.0%
REVERSE CROWN	924+93.21	-2.0%	-2.0%

SUPERELEVATION DATA	ROTATION @ BASELINE	
	STA	RAMP LANE
ALIGNMENT: PROP @ RAMP R		
NORMAL CROWN	606+03.09	2.0%
BEGIN FULL SUPER	607+20.95	6.0%

SUPERELEVATION DATA	ROTATION @ BASELINE	
	STA	RAMP LANE
ALIGNMENT: PROP @ RAMP F1		
NORMAL CROWN	2213+65.0	-2.0%
REMOVE CROWN	2214+20.0	0.0%
REVERSE	2214+75.0	2.0%

SUPERELEVATION DATA	ROTATION @ BASELINE	
	STA	RAMP LANE
ALIGNMENT: PROP @ LINE E		
NORMAL CROWN	206+80.04	-2.0%
BEGIN FULL SUPER	207+07.48	-5.8%
FULL SUPER TRANSITION	210+84.64	-5.8%
FULL SUPER OBTAINED	210+90.56	-5.6%
FULL SUPER TRANSITION	219+36.21	-5.6%
FULL SUPER OBTAINED	219+48.13	-6.0%
END FULL SUPER	222+51.14	-6.0%
REMOVE CROWN	222+28.74	0.0%
NORMAL CROWN	224+87.94	MEET EXISTING

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° 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.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° 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° 58' 31"  
 R = 574.38'  
 T = 973.45'  
 L = 1,192.10'  
 E = 555.90'  
 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.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  
 N: 1,838,865.2213 E: 1,188,265.1993  
 P.T. STA. = 624+34.25  
 N: 1,837,706.7661 E: 1,188,243.2967  
 DS = 45 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° 48' 38"  
 R = 530.00'  
 T = 99.82'  
 L = 197.32'  
 E = 9.32'  
 e = 6.0%  
 T.R. = N/A  
 S.E. RUN = 110.47' AND 110'  
 S.A. 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

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° 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

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#FILE#		DRAWN - JG	REVISED -
		CHECKED - OC	REVISED -
		DATE - 03/29/2013	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

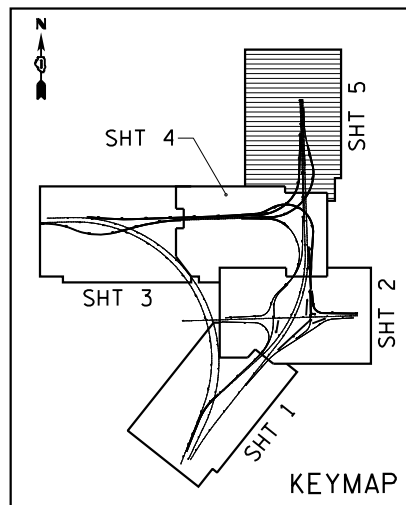
ALIGNMENT, TIES, AND BENCHMARKS	
SCALE: 1"=100'	SHEET NO. 4 OF 6 SHEETS
STA. N/A	TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	41
CONTRACT NO. 60J12				
ILLINOIS FED. AID PROJECT				

MATCHLINE "D"  
 SEE SHEET 5 OF 5  
 FOR CONTINUATION

MATCHLINE "B"  
 SEE SHEET 2 OF 5  
 FOR CONTINUATION

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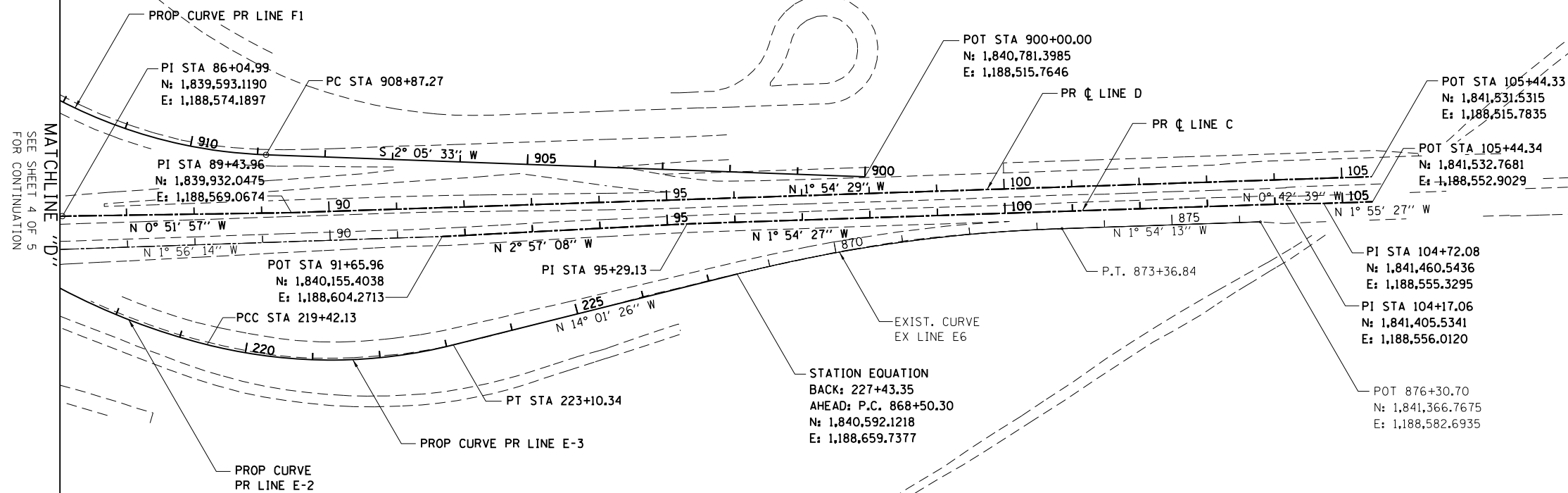


PROP. CURVE PR.LINE.F1  
 PI STA. = 911+65.47  
 N: 1,839,616.7069  
 E: 1,188,473.2094  
 $\Delta$  = 42° 11' 54" (RT)  
 D = 7° 56' 48"  
 R = 721.00'  
 T = 278.20'  
 L = 531.02'  
 E = 51.81'  
 e = 6.0%  
 T.R. = N/A  
 S.E. RUN = 118.05'  
 S.R. STA 908+28.25 TO  
 STA 909+46.30  
 P.C. STA = 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° 07' 13" (RT)  
 D = 2° 29' 28"  
 R = 2,300.00'  
 T = 244.18'  
 L = 486.54'  
 E = 12.93'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 868+50.30  
 N: 1,840,592.1218  
 E: 1,188,659.7377  
 P.T. STA. = 873+36.84  
 N: 1,841,073.0720  
 E: 1,188,592.4548  
 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° 17' 52" (LT)  
 D = 5° 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° 08' 53" (LT)  
 D = 7° 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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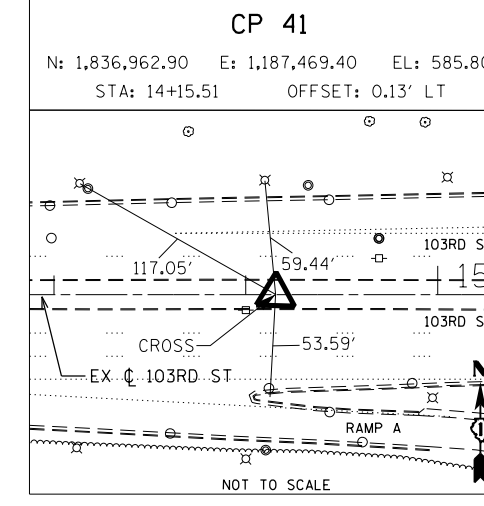
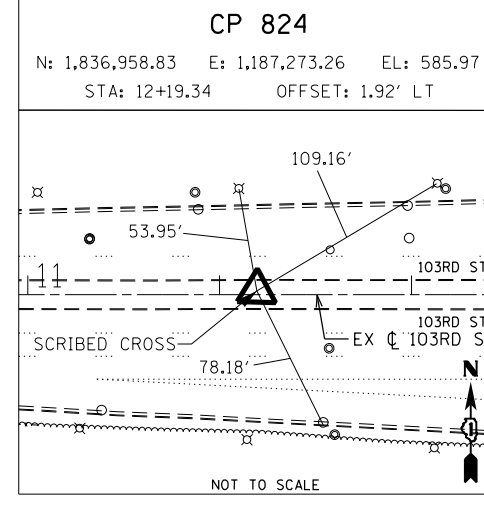
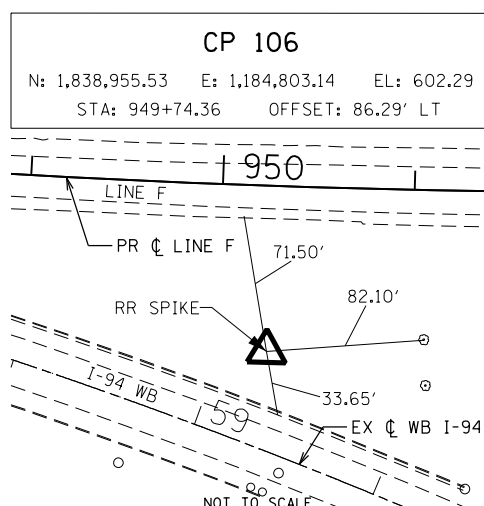
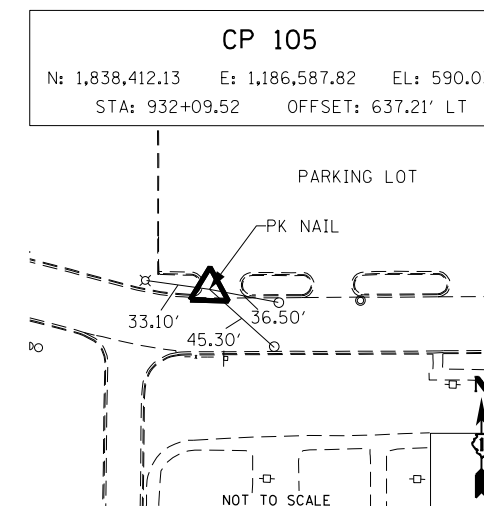
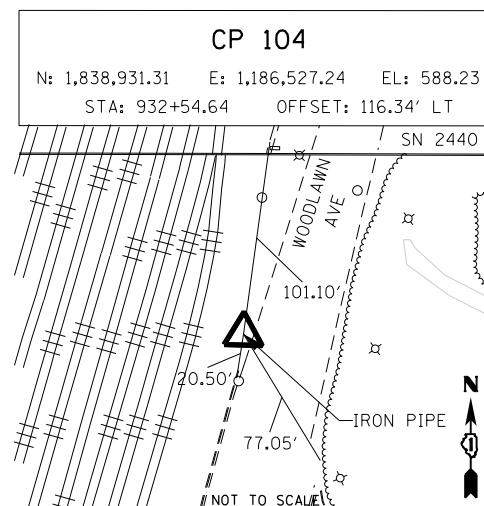
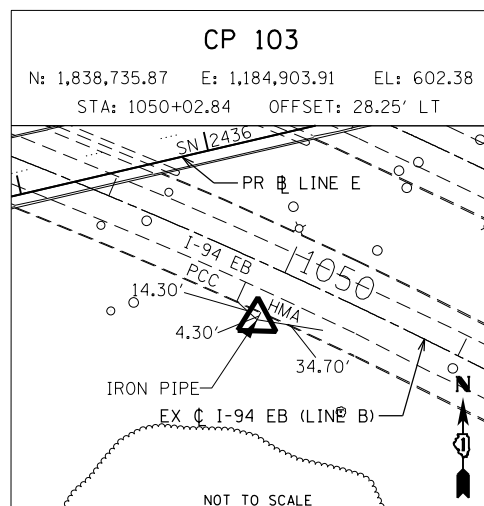
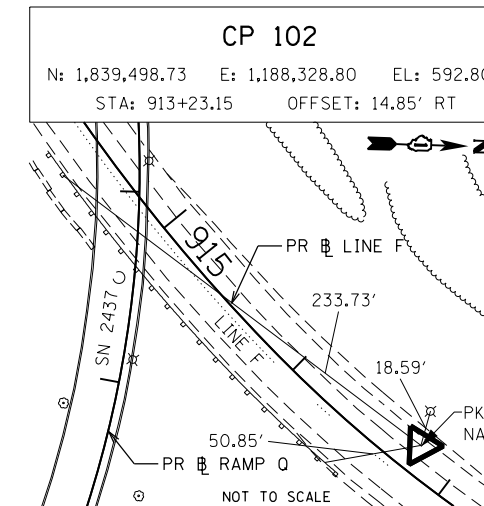
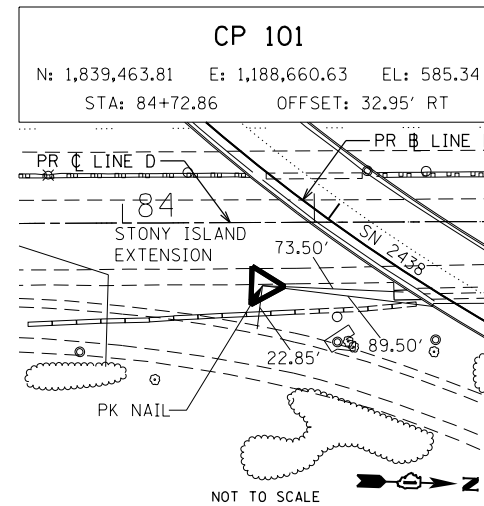
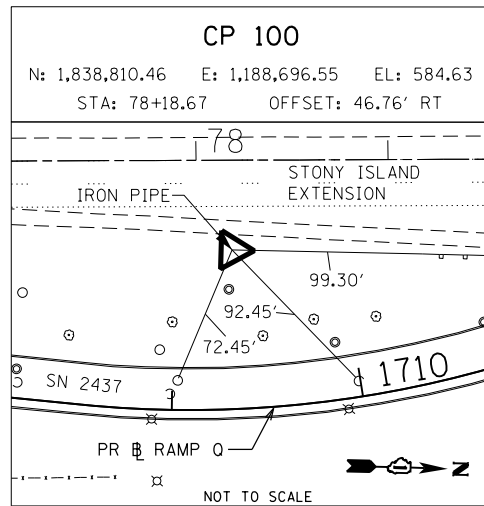
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 DEPARTMENT OF TRANSPORTATION

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	2012-059-BR	COOK	631	42
CONTRACT NO. 60J12				
ILLINOIS FED. AID PROJECT				

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NOTE:  
 ALL CONTROL POINTS TO BE USED AS BENCHMARKS.

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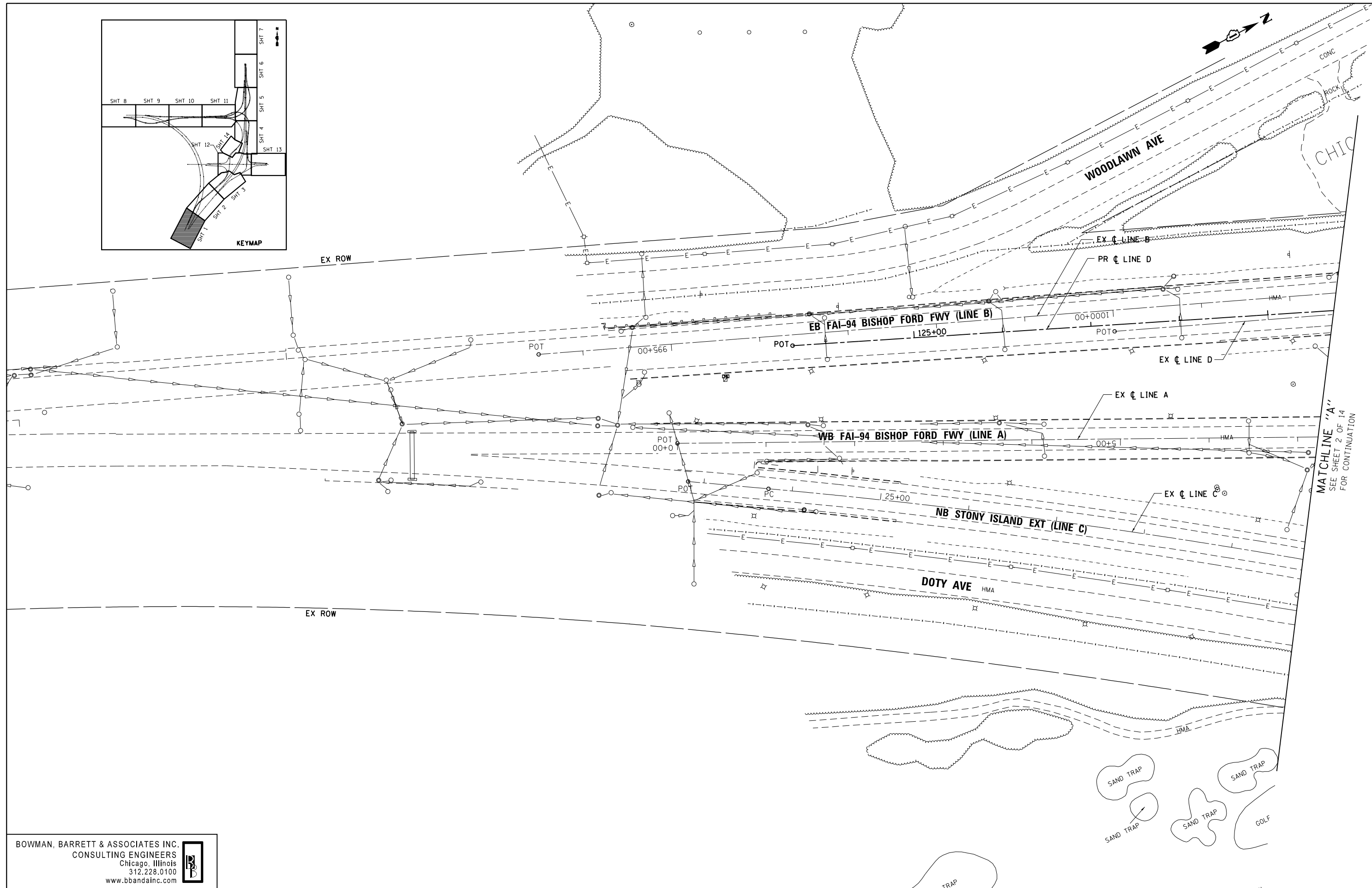
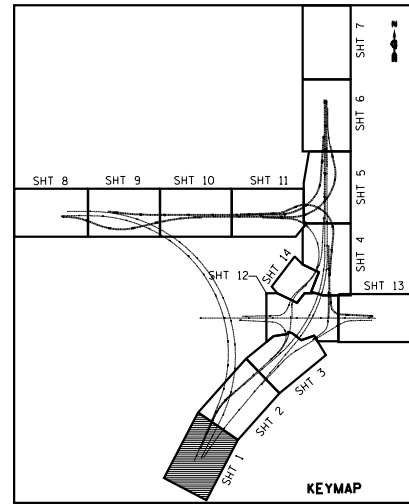
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

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	2012-059-BR	COOK	631	43
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

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MATCHLINE "A"  
SEE SHEET 2 OF 14  
FOR CONTINUATION

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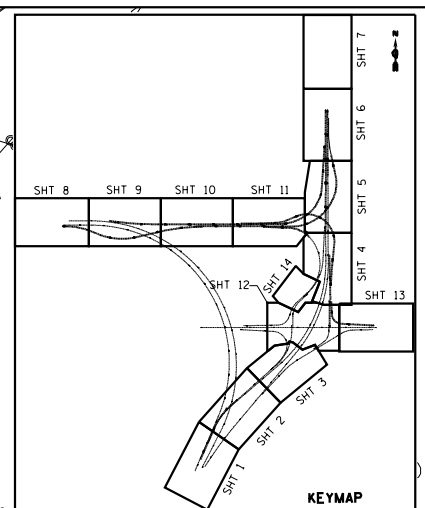
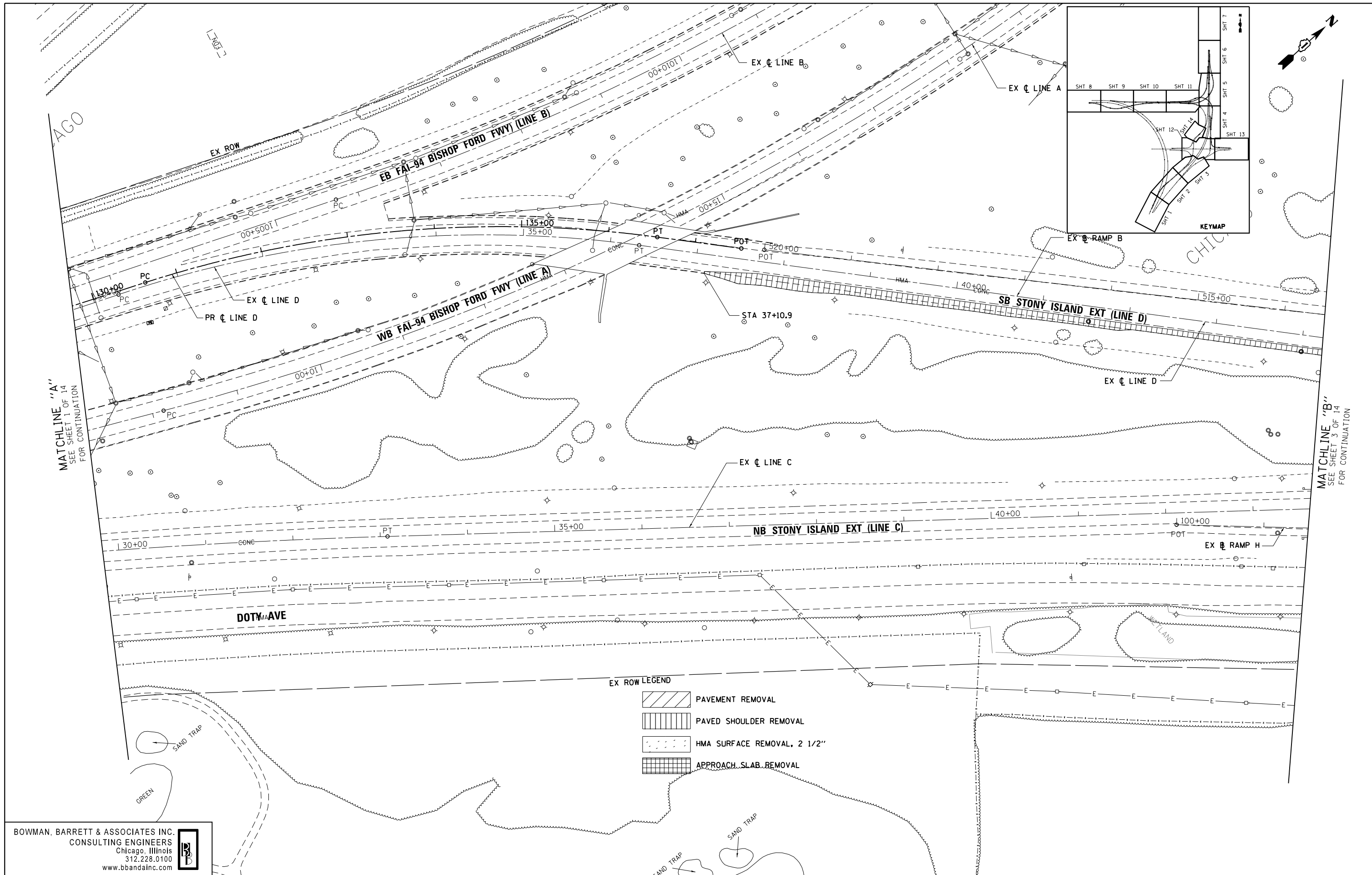
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN		STONY ISLAND EXTENSION	
SCALE: 1"=50'	SHEET NO. 1 OF 14 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	44
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

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MATCHLINE "A"  
SEE SHEET 1 OF 14  
FOR CONTINUATION

MATCHLINE "B"  
SEE SHEET 3 OF 14  
FOR CONTINUATION

EX ROW LEGEND

	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL
	HMA SURFACE REMOVAL, 2 1/2"
	APPROACH SLAB REMOVAL

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FILE NAME = #FILE#	USER NAME = default	DESIGNED -	REVISED -
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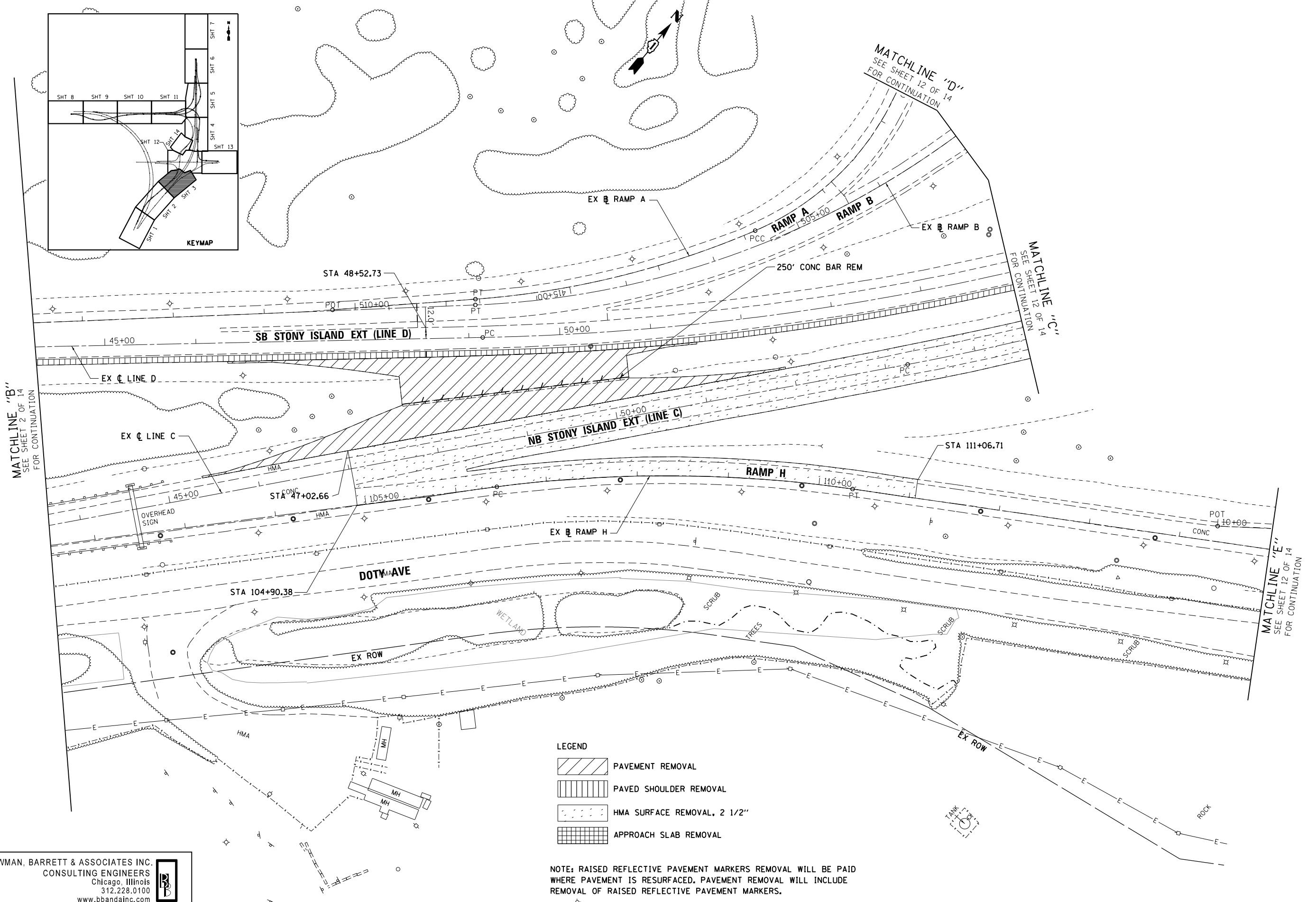
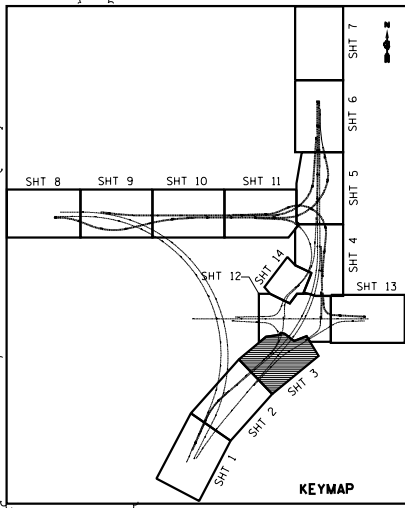
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DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN  
STONY ISLAND EXTENSION

SCALE: 1"=50' SHEET NO. 2 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	45
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

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- LEGEND**
- PAVEMENT REMOVAL
  - PAVED SHOULDER REMOVAL
  - HMA SURFACE REMOVAL, 2 1/2"
  - APPROACH SLAB REMOVAL

NOTE: RAISED REFLECTIVE PAVEMENT MARKERS REMOVAL WILL BE PAID WHERE PAVEMENT IS RESURFACED. PAVEMENT REMOVAL WILL INCLUDE REMOVAL OF RAISED REFLECTIVE PAVEMENT MARKERS.

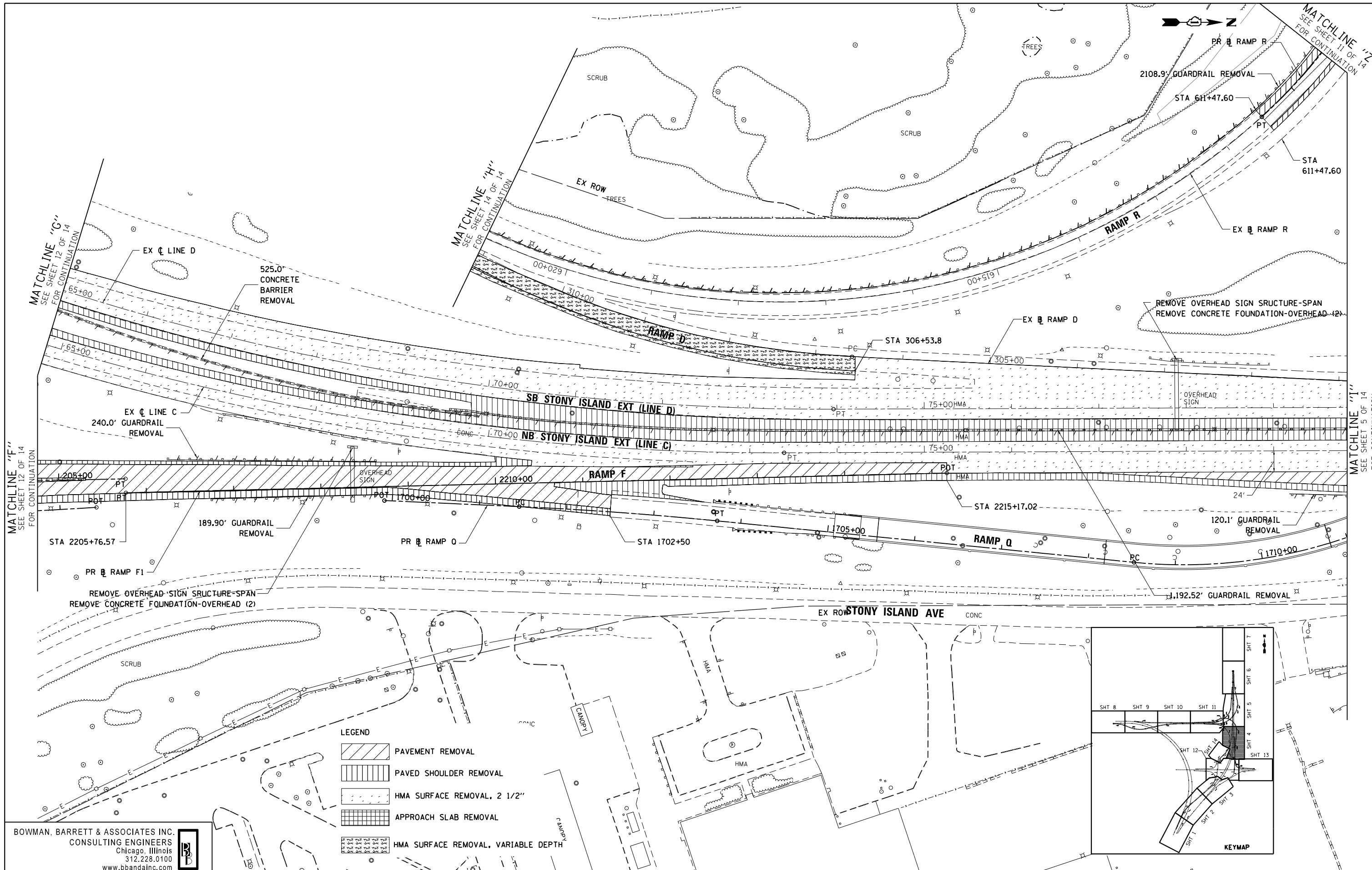
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FILE NAME = #FILE#	USER NAME = default	DESIGNED -	REVISED -
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	PLOT DATE = 3/29/2013	DATE - 03/29/2013	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>REMOVAL PLAN</b>		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>STONY ISLAND EXTENSION</b>		94	2012-059-BR	COOK	631	46
SCALE: 1"=50'	SHEET NO. 3 OF 14 SHEETS	STA.	TO STA.		CONTRACT NO. 60J12	
ILLINOIS FED. AID PROJECT						

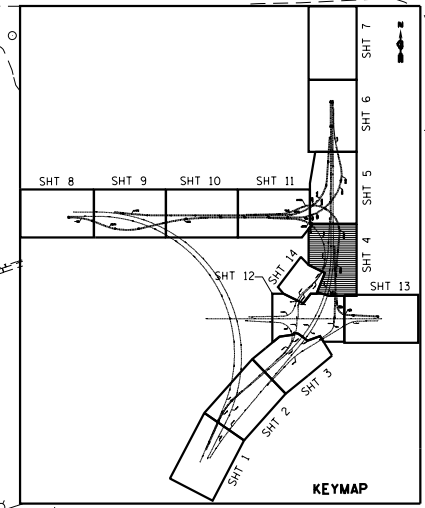
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**LEGEND**

	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL
	HMA SURFACE REMOVAL, 2 1/2"
	APPROACH SLAB REMOVAL
	HMA SURFACE REMOVAL, VARIABLE DEPTH

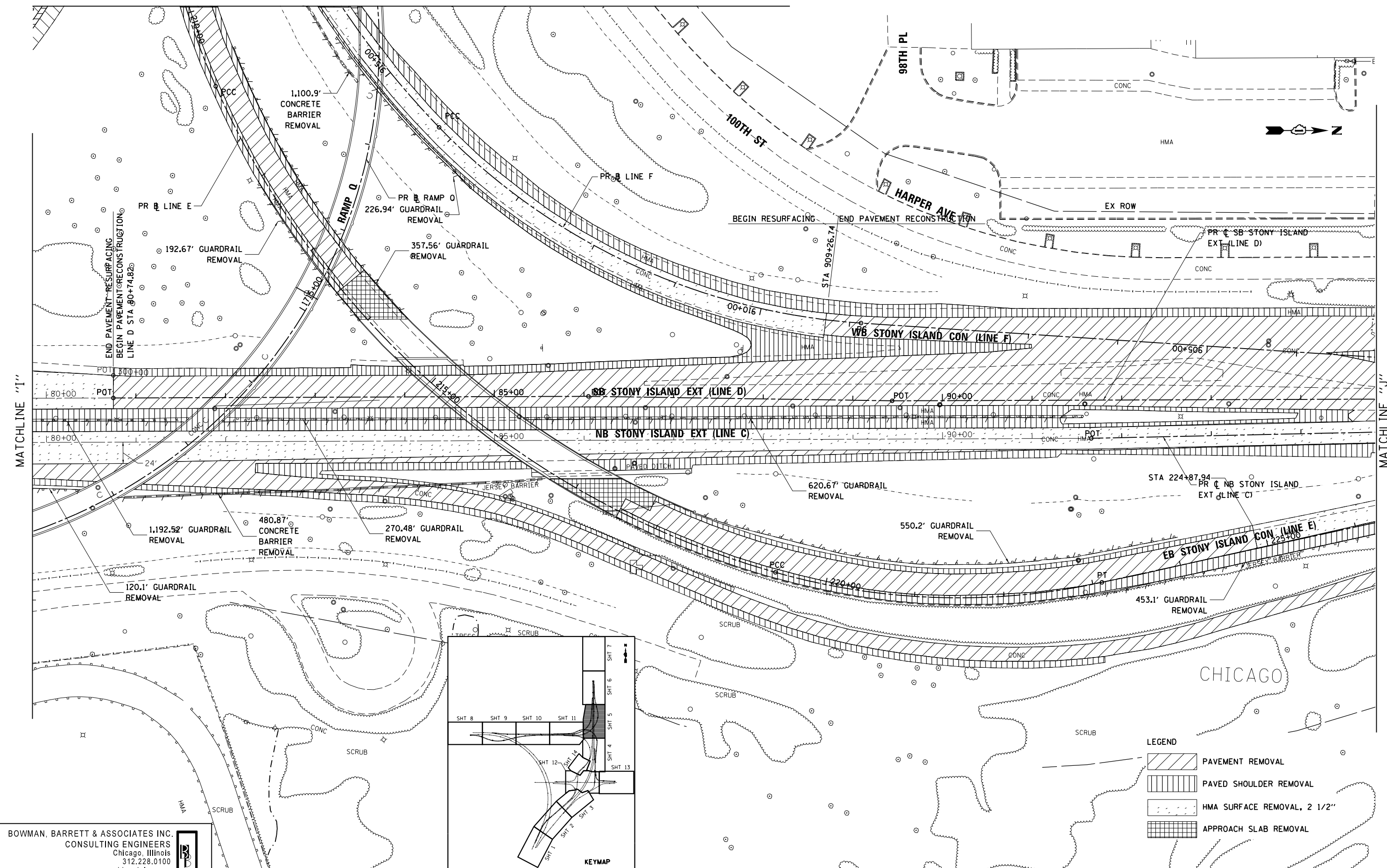
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FILE NAME = #FILE#	USER NAME = default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLAN STONY ISLAND EXTENSION</b>	F.A.I. RTE. 94	SECTION 2012-059-BR	COUNTY COOK	TOTAL SHEETS 631	SHEET NO. 47		
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -			SCALE: 1"=50'	SHEET NO. 4 OF 14 SHEETS	STA.	TO STA.	CONTRACT NO. 60J12		
	PLOT DATE = 3/29/2013	DATE - 03/29/2013	REVISED -			ILLINOIS FED. AID PROJECT						

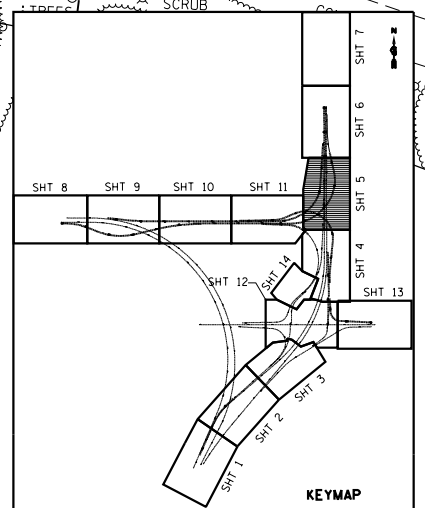
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MATCHLINE "O"



MATCHLINE "I"

MATCHLINE "J"



**LEGEND**

	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL
	HMA SURFACE REMOVAL, 2 1/2"
	APPROACH SLAB REMOVAL

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

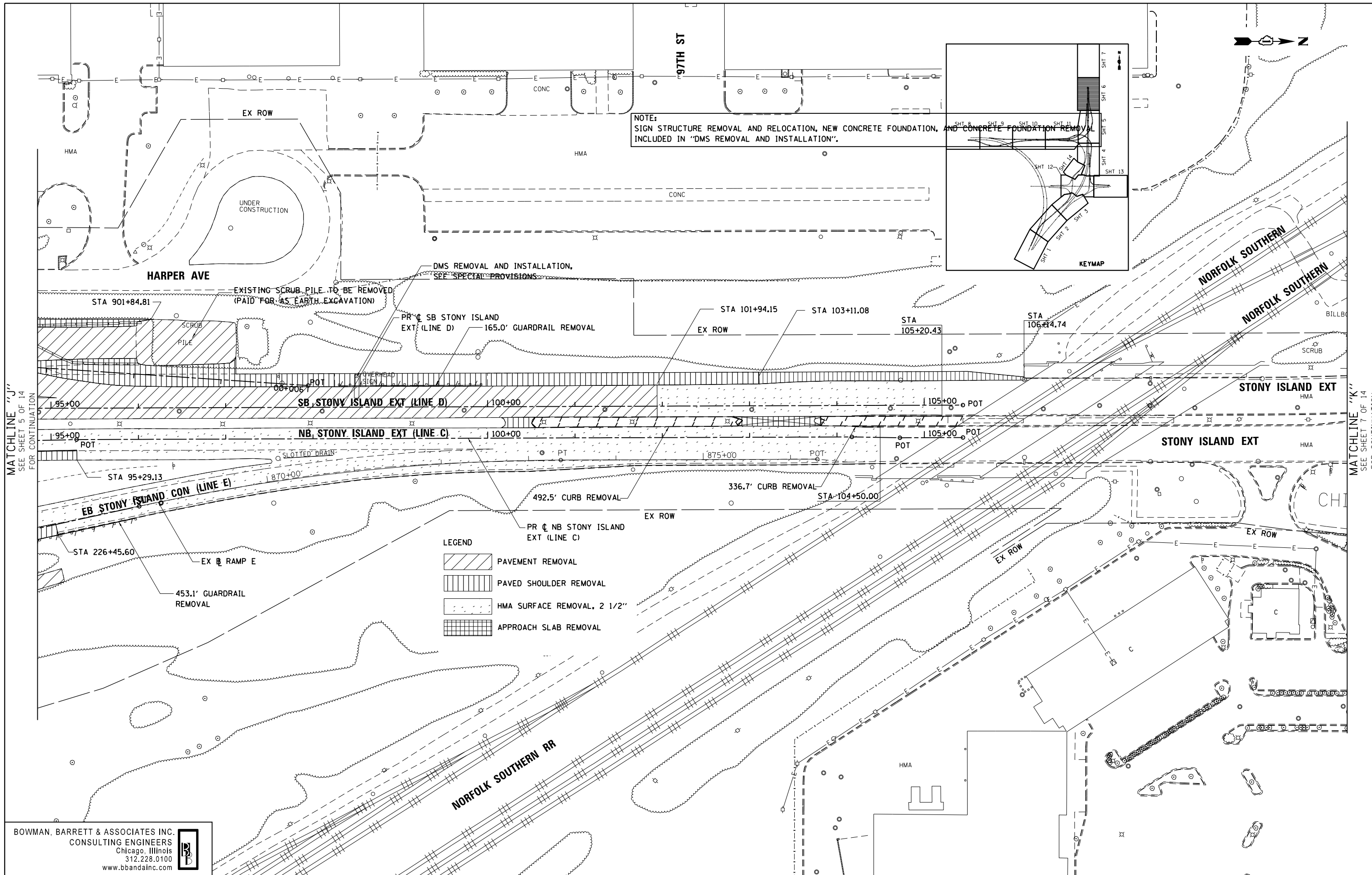
**REMOVAL PLAN  
 STONY ISLAND EXTENSION**

SCALE: 1"=50'    SHEET NO. 5 OF 14 SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	48
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

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NOTE: SIGN STRUCTURE REMOVAL AND RELOCATION, NEW CONCRETE FOUNDATION, AND CONCRETE FOUNDATION REMOVAL INCLUDED IN "DMS REMOVAL AND INSTALLATION".

MATCHLINE "J"  
SEE SHEET 5 OF 14  
FOR CONTINUATION

MATCHLINE "K"  
SEE SHEET 7 OF 14  
FOR CONTINUATION

- LEGEND**
- PAVEMENT REMOVAL
  - PAVED SHOULDER REMOVAL
  - HMA SURFACE REMOVAL, 2 1/2"
  - APPROACH SLAB REMOVAL

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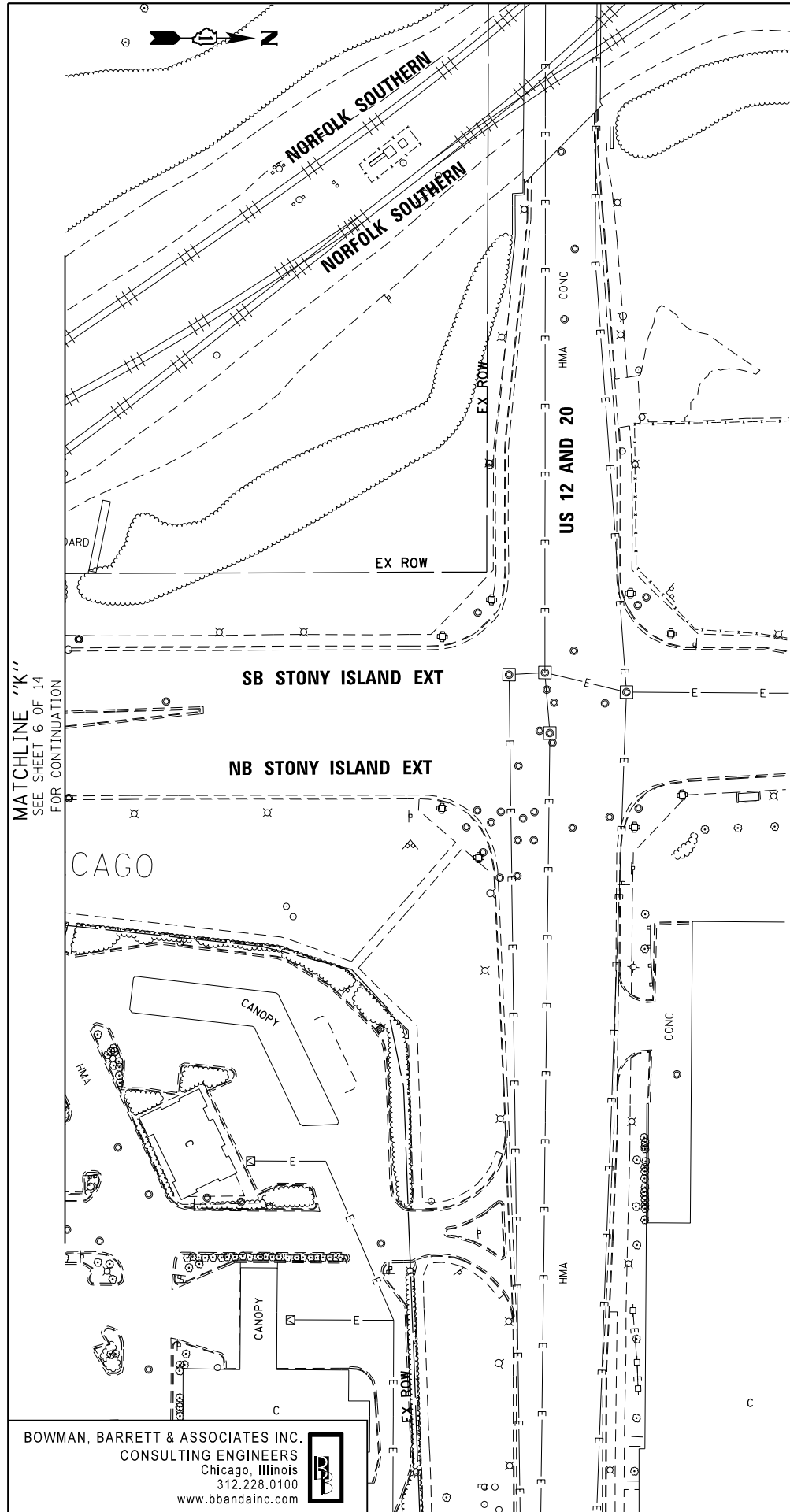
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN  
STONY ISLAND EXTENSION**

SCALE: 1"=50'    SHEET NO. 6 OF 14 SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	49
				CONTRACT NO. 60J12
ILLINOIS FED. AID PROJECT				

S:\1072\05\_CADD\1060\12\_Sheets\1060\12-sh1-r-em\_06.dgn



MATCHLINE "K"  
SEE SHEET 6 OF 14  
FOR CONTINUATION

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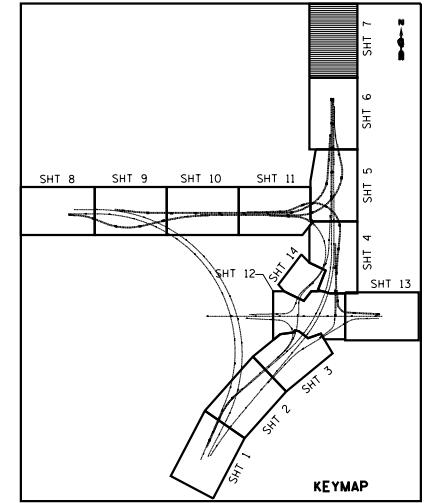
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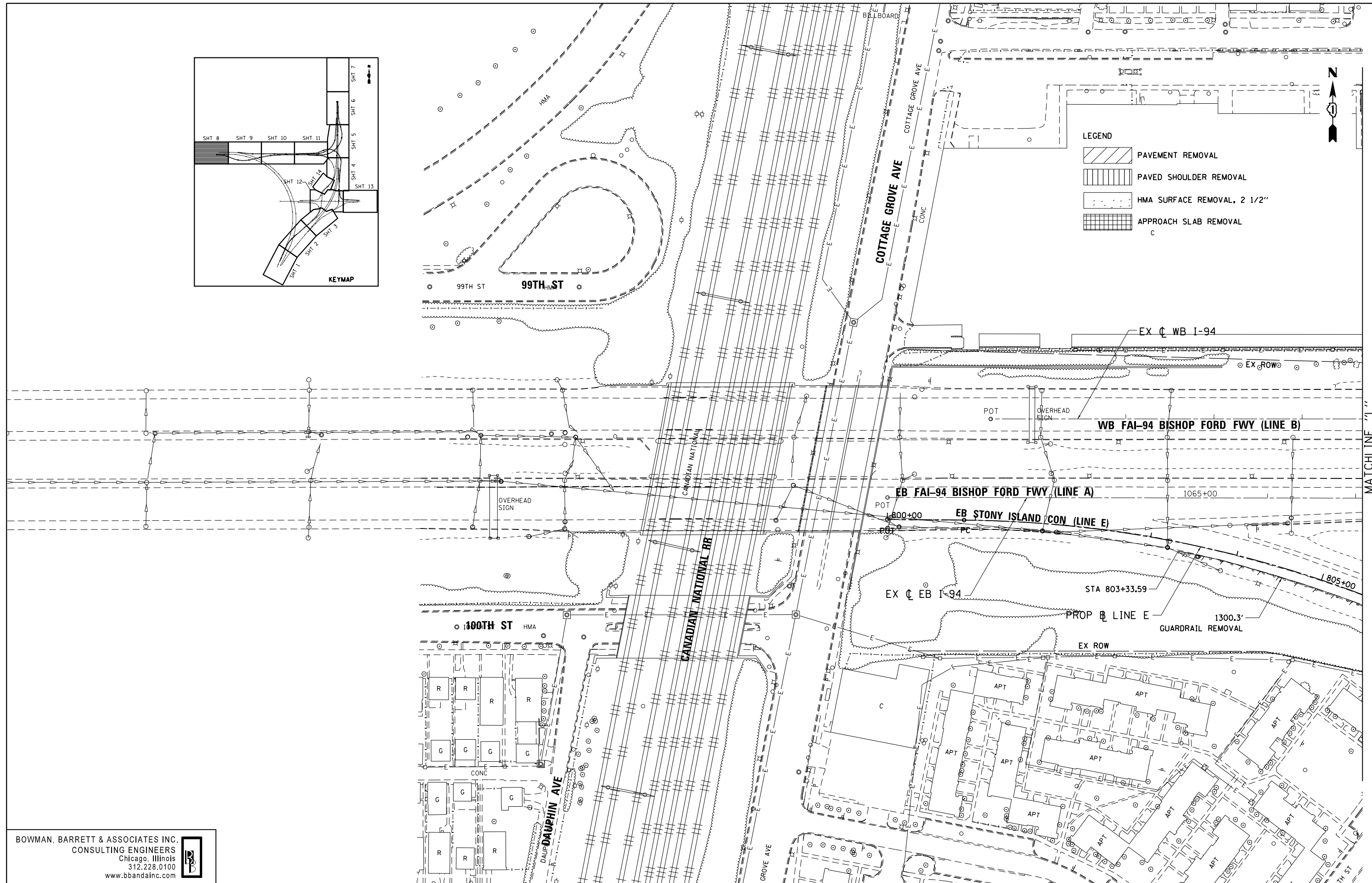
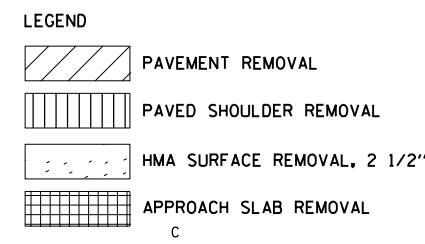
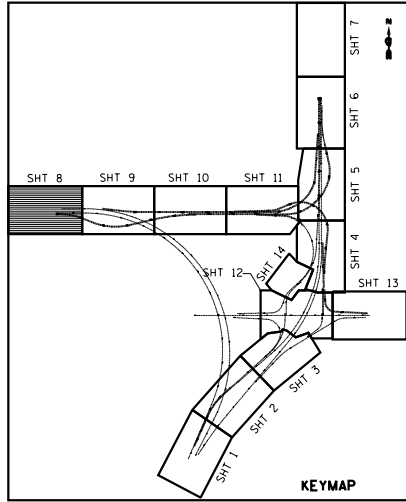
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN  
STONY ISLAND EXTENSION

SCALE: 1"=50' SHEET NO. 7 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	50
CONTRACT NO. 60J12				
ILLINOIS FED. AID PROJECT				





MATCHLINE 1/2"  
SEE SHEET 9 OF 14  
FOR CONTINUATION

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FILE NAME = *FILEL\$	USER NAME = default	DESIGNED -	REVISED -
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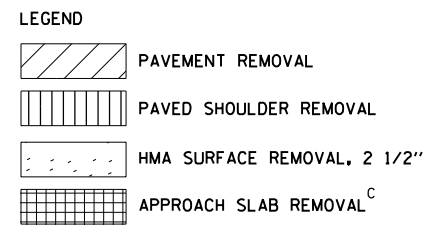
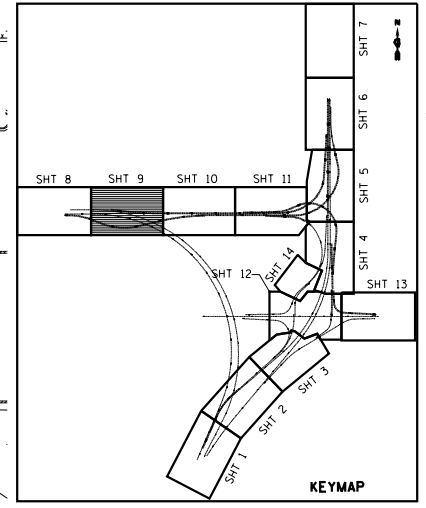
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN  
STONY ISLAND CONNECTOR

SCALE: 1"=50' SHEET NO. 8 OF 14 SHEETS STA. TO STA.

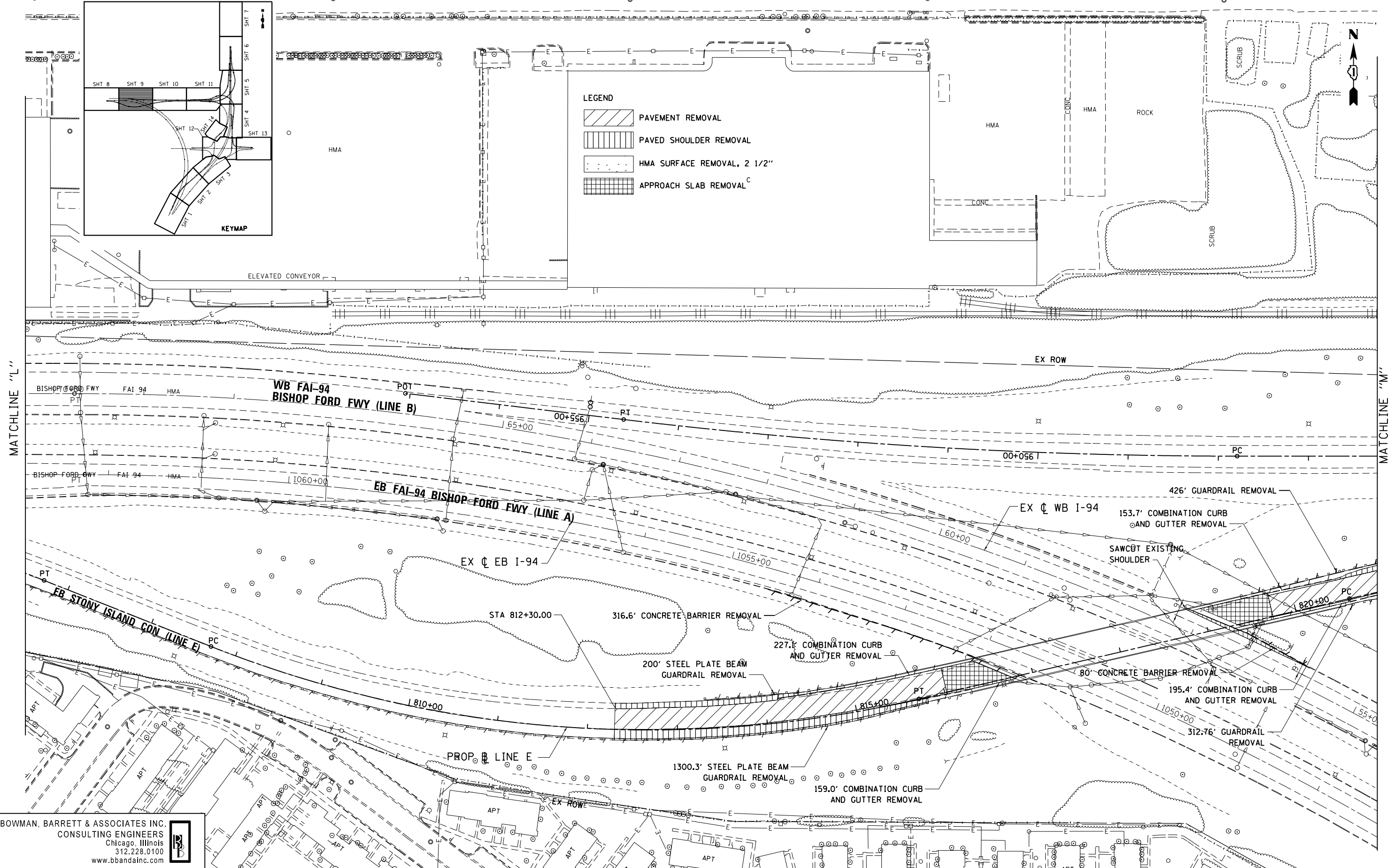
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	51
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

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MATCHLINE "L"

MATCHLINE "M"



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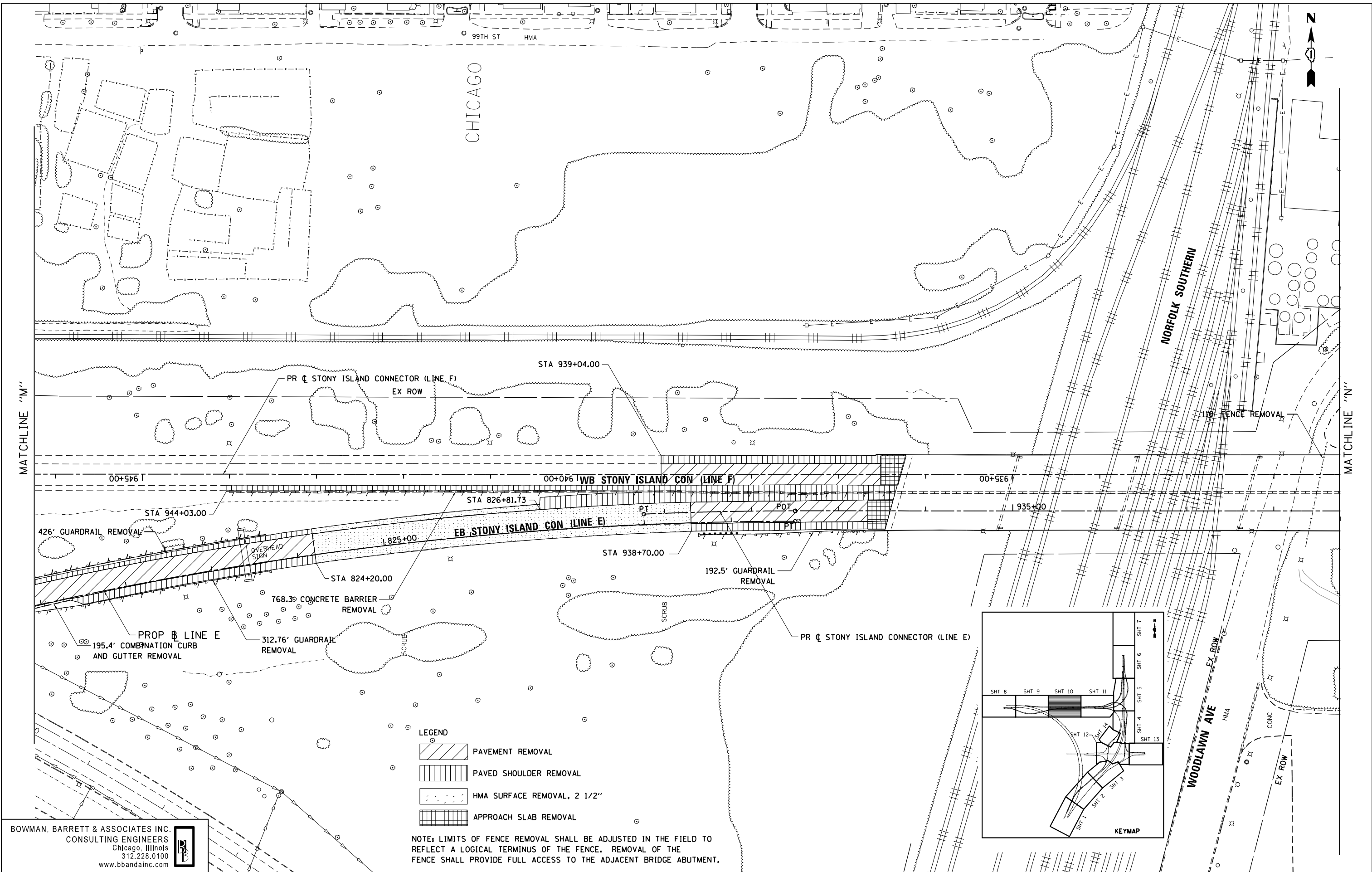
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN  
 STONY ISLAND CONNECTOR

SCALE: 1"=50' SHEET NO. 9 OF 14 SHEETS STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	52
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

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- LEGEND**
- PAVEMENT REMOVAL
  - PAVED SHOULDER REMOVAL
  - HMA SURFACE REMOVAL, 2 1/2"
  - APPROACH SLAB REMOVAL

NOTE: LIMITS OF FENCE REMOVAL SHALL BE ADJUSTED IN THE FIELD TO REFLECT A LOGICAL TERMINUS OF THE FENCE. REMOVAL OF THE FENCE SHALL PROVIDE FULL ACCESS TO THE ADJACENT BRIDGE ABUTMENT.

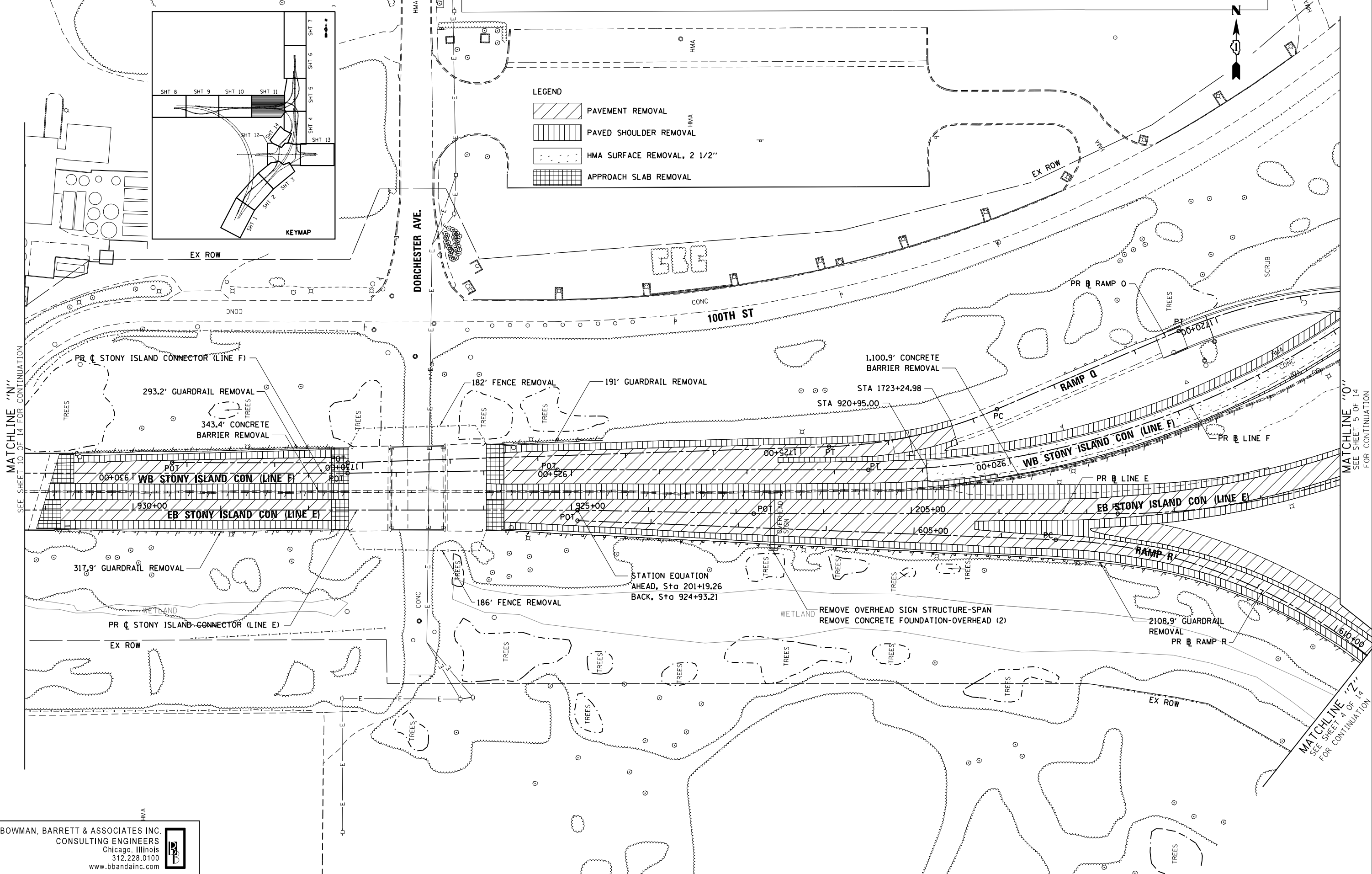
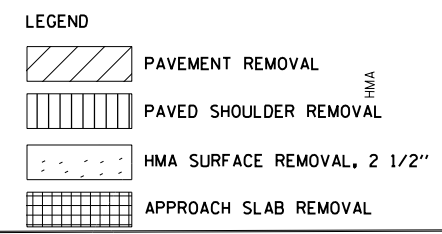
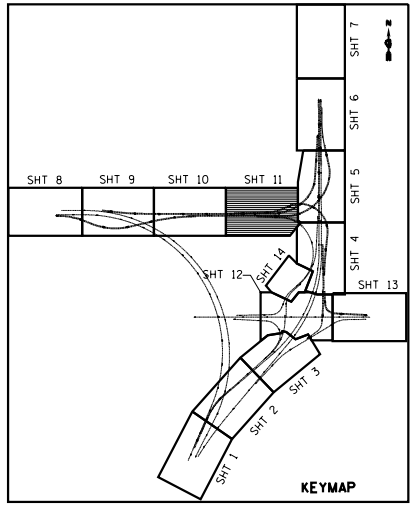
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	PLOT DATE = 3/29/2013	DATE - 03/29/2013	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>REMOVAL PLAN</b>		F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>STONY ISLAND CONNECTOR</b>		94	2012-059-BR	COOK	631	53
SCALE: 1"=50'	SHEET NO. 10 OF 14 SHEETS	STA.	TO STA.		CONTRACT NO. 60J12	

ILLINOIS FED. AID PROJECT	
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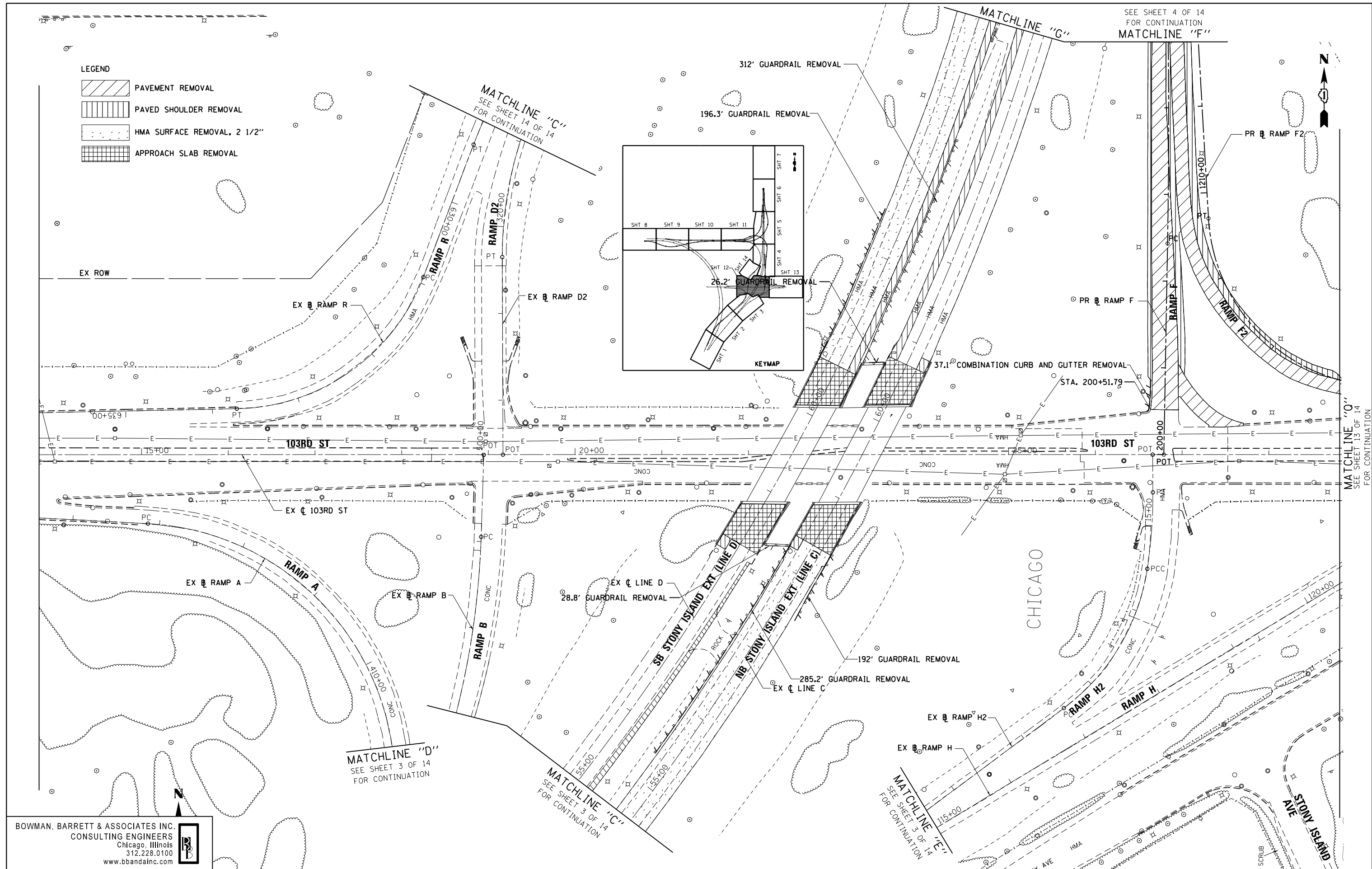
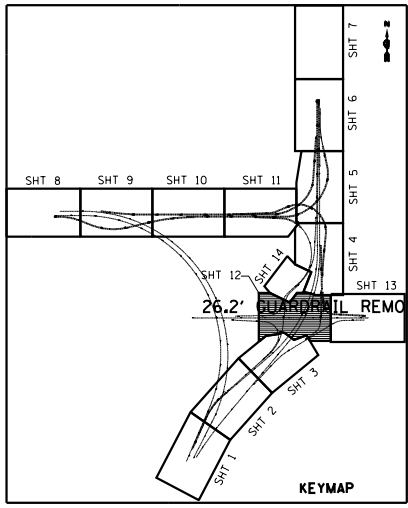
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN		F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STONY ISLAND CONNECTOR		94	2012-059-BR	COOK	631	54
SCALE: 1"=50'		SHEET NO. 11 OF 14 SHEETS		STA. TO STA.		CONTRACT NO. 60J12
ILLINOIS FED. AID PROJECT						

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- LEGEND**
-  PAVEMENT REMOVAL
  -  PAVED SHOULDER REMOVAL
  -  HMA SURFACE REMOVAL, 2 1/2"
  -  APPROACH SLAB REMOVAL

SEE SHEET 4 OF 14  
FOR CONTINUATION  
MATCHLINE "F"



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

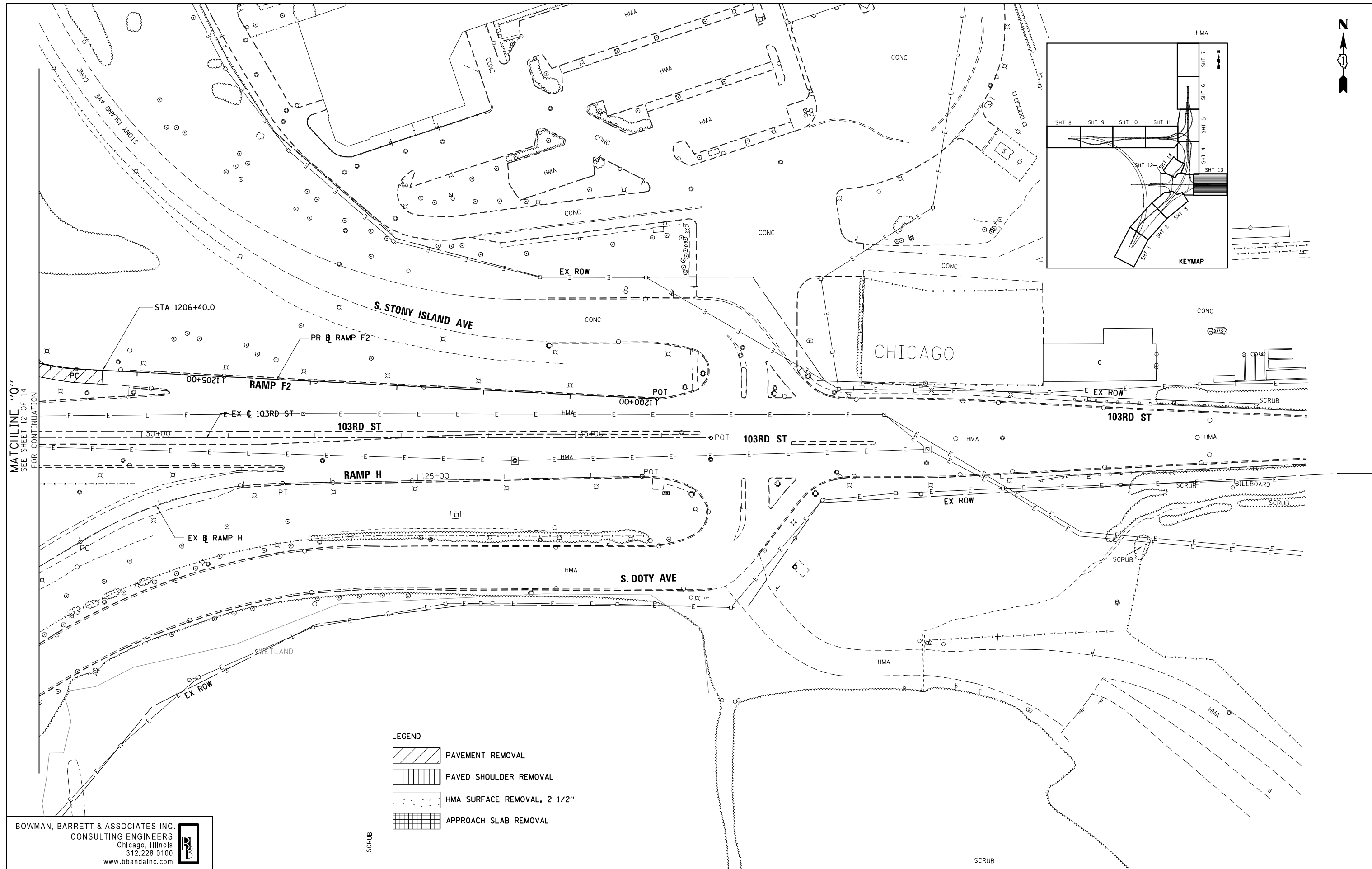
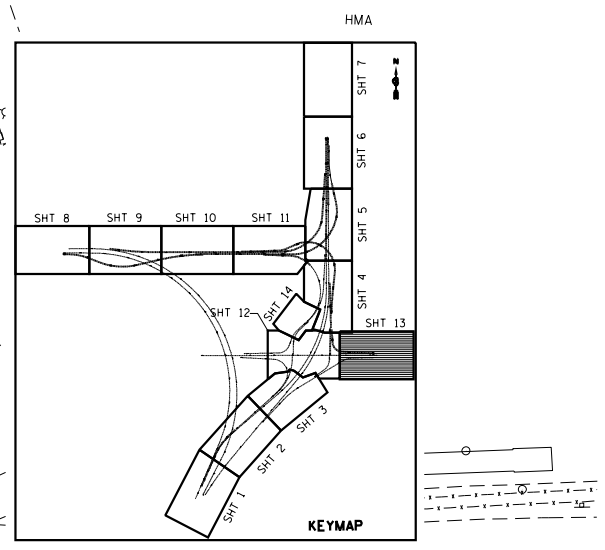
**REMOVAL PLAN  
103RD STREET**

SCALE: 1"=50' SHEET NO. 12 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	55
CONTRACT NO. 60J12				

ILLINOIS FED. AID PROJECT

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MATCHLINE "Q"  
SEE SHEET 12 OF 14  
FOR CONTINUATION

**LEGEND**

	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL
	HMA SURFACE REMOVAL, 2 1/2"
	APPROACH SLAB REMOVAL

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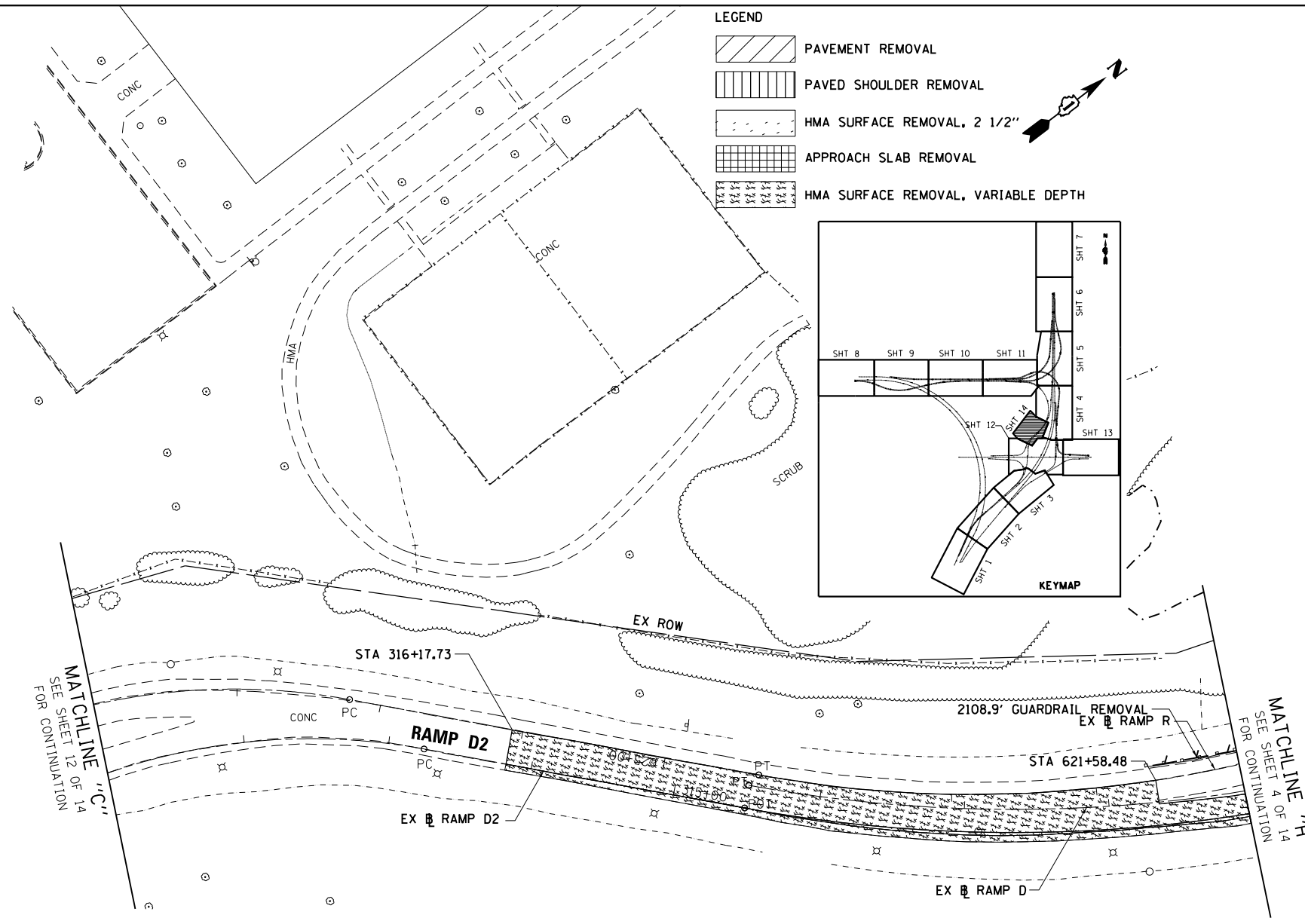
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**



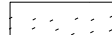

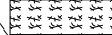
<b>REMOVAL PLAN</b>		SCALE: 1"=50'	
<b>103RD STREET</b>		SHEET NO. 13 OF 14 SHEETS	
STA.	TO STA.		

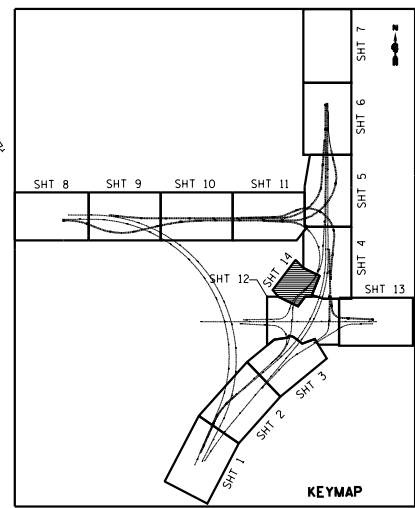
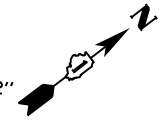
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	56
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

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- LEGEND**
-  PAVEMENT REMOVAL
  -  PAVED SHOULDER REMOVAL
  -  HMA SURFACE REMOVAL, 2 1/2"
  -  APPROACH SLAB REMOVAL
  -  HMA SURFACE REMOVAL, VARIABLE DEPTH



MATCHLINE "C"  
FOR CONTINUATION  
SEE SHEET 12 OF 14

MATCHLINE "H"  
FOR CONTINUATION  
SEE SHEET 4 OF 14

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FILE NAME = *FILEL\$	USER NAME = default	DESIGNED -	REVISED -
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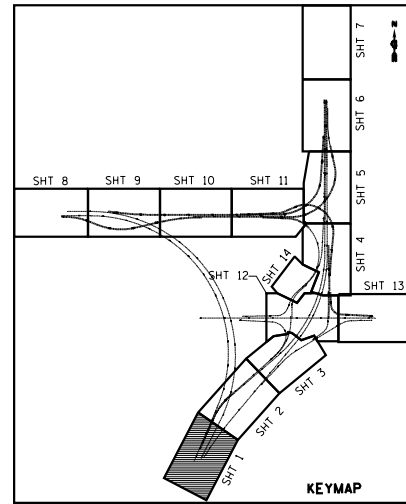
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN  
STONY ISLAND EXTENSION**

SCALE: 1"=50' SHEET NO. 14 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	57
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60J12	

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**LEGEND**

- ① STABILIZED SUBBASE-HOT-MIX ASPHALT, 4 1/2"
- ② AGGREGATE SUBGRADE IMPROVEMENT 12"
- ③ TRAFFIC BARRIER TERMINAL, TY. 1 (SPECIAL) TANGENT
- ④ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" - 1"
- ⑤ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 1 3/4"
- ⑥ PCC PAVEMENT 10 1/2" (JOINTED)
- ⑦ AGGREGATE SHOULDERS, TY. B, 6"
- ⑧ HOT - MIX ASPHALT SHOULDERS, 10"  
 - POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 1 3/4"  
 - HOT - MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8 1/4"
- ⑨ TRAFFIC BARRIER TERMINAL, TY. 6
- ⑩ TRAFFIC BARRIER TERMINAL, TY. 5
- ⑪ CLASS SI CONCRETE (OUTLET)
- ⑫ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- ⑬ COMBINATION CONCRETE CURB & GUTTER, TY. B-6.18
- ⑭ PCC SHOULDERS 10 1/2"
- ⑮ TRAFFIC BARRIER TERMINAL, TY. 2
- ⑯ STEEL PLATE BEAM GUARDRAIL, TY. A, 6 FT. POSTS
- ⑰ PCC PAVEMENT 9" (JOINTED)
- ⑱ PCC SHOULDERS 9"
- ⑲ CHAIN LINK FENCE, 4'
- ⑳ COMBINATION CONCRETE CURB AND GUTTER, B-6.24
- ㉑ LEVELING BINDER (MACHINE METHOD), N70
- ㉒ CONCRETE CURB, TYPE B
- ㉓ CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT  
 MATCH EXISTING BARRIER WALL DIMENSIONS
- ㉔ BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)

**GENERAL PLAN NOTES**

THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION. SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

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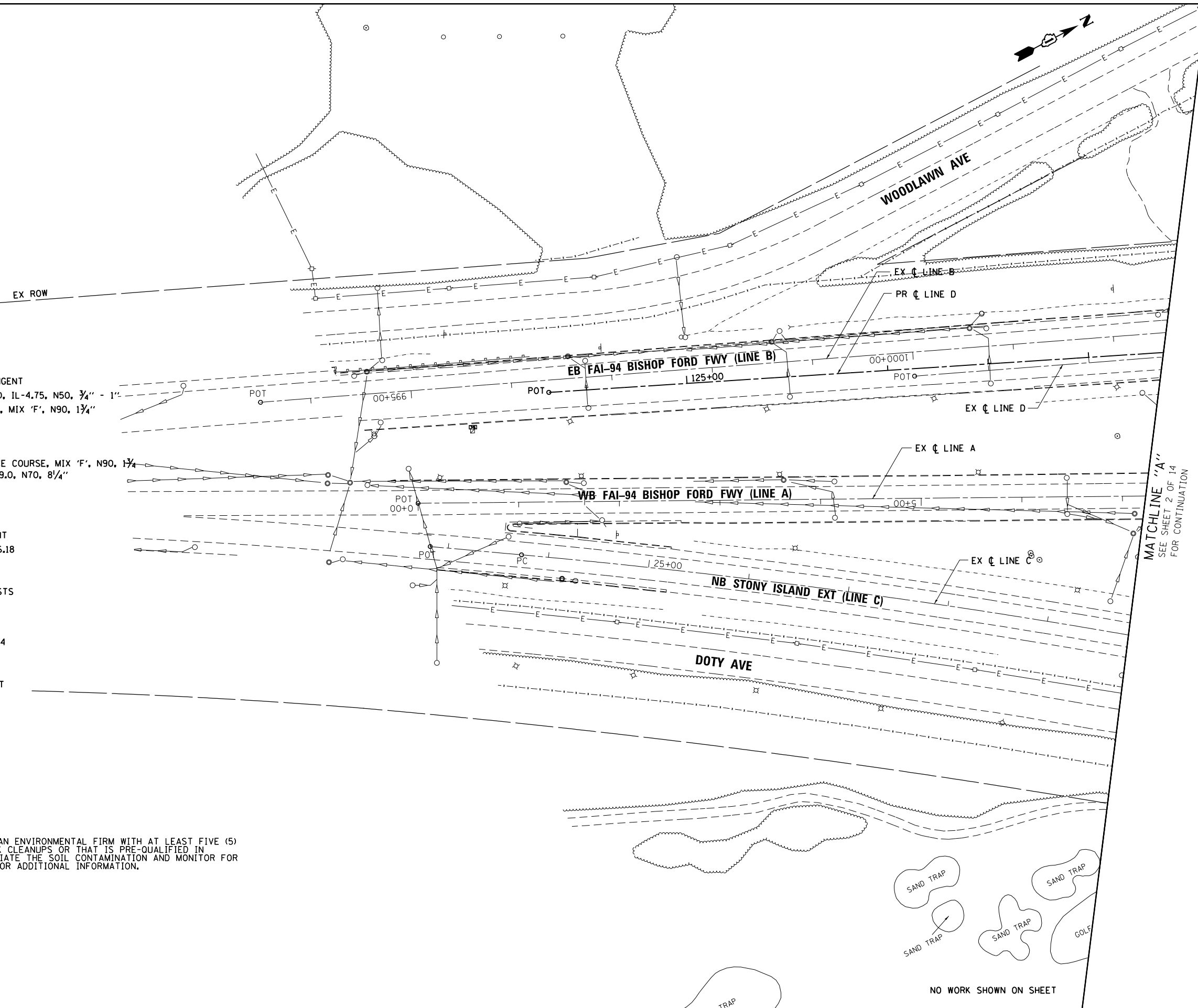
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

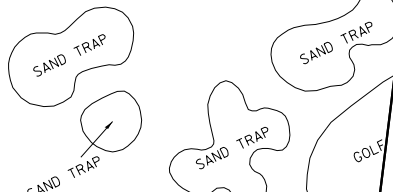
**PROPOSED PLAN  
 STONY ISLAND EXTENSION**

SCALE: 1"=50' SHEET NO. 1 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	58
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

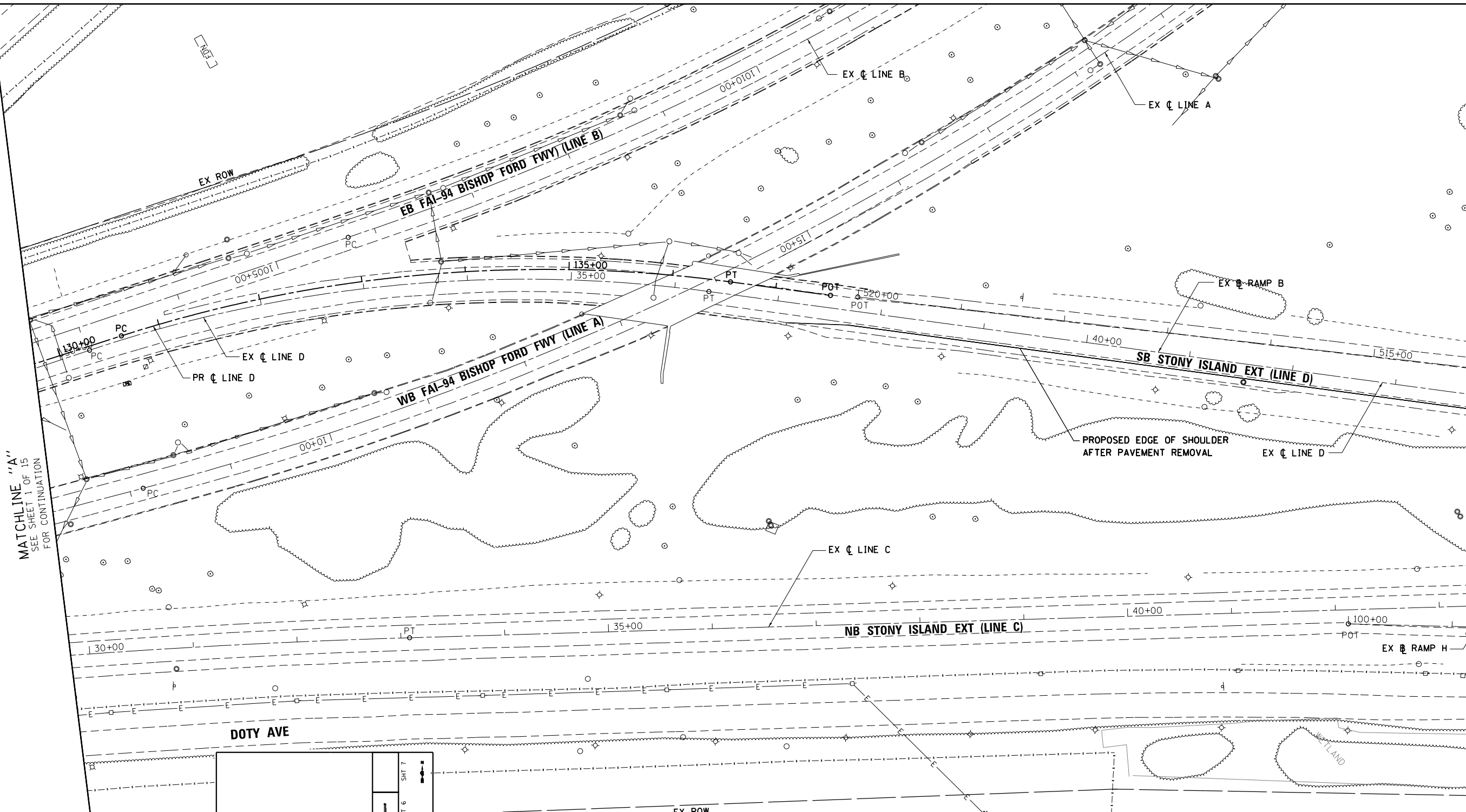
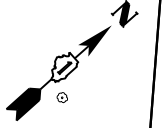


MATCHLINE "A"  
 SEE SHEET 2 OF 14  
 FOR CONTINUATION



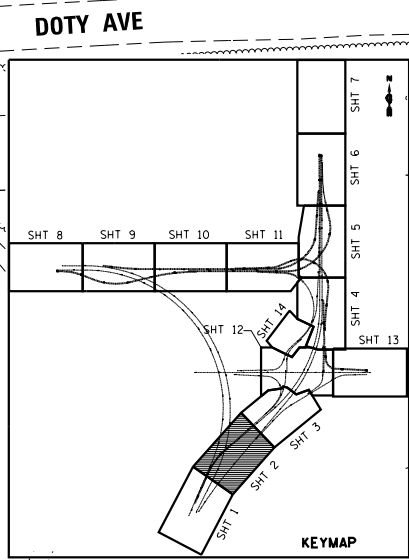
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MATCHLINE "A"  
SEE SHEET 1 OF 15  
FOR CONTINUATION

MATCHLINE "B"  
SEE SHEET 3 OF 14  
FOR CONTINUATION



- LEGEND**
- ① STABILIZED SUBBASE-HOT-MIX ASPHALT, 4 1/2"
  - ② AGGREGATE SUBGRADE IMPROVEMENT 12"
  - ③ TRAFFIC BARRIER TERMINAL, TY. 1 (SPECIAL) TANGENT
  - ④ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" - 1"
  - ⑤ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 1 3/4"
  - ⑥ PCC PAVEMENT 10 1/2" (JOINTED)
  - ⑦ AGGREGATE SHOULDERS, TY. B, 6"
  - ⑧ HOT - MIX ASPHALT SHOULDERS, 10"  
- POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 1 3/4"  
- HOT - MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8 1/4"
  - ⑨ TRAFFIC BARRIER TERMINAL, TY. 6
  - ⑩ TRAFFIC BARRIER TERMINAL, TY. 5
  - ⑪ CLASS SI CONCRETE (OUTLET)
  - ⑫ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
  - ⑬ COMBINATION CONCRETE CURB & GUTTER, TY. B-6.18
  - ⑭ PCC SHOULDERS 10 1/2"
  - ⑮ TRAFFIC BARRIER TERMINAL, TY. 2
  - ⑯ STEEL PLATE BEAM GUARDRAIL, TY. A, 6 FT. POSTS
  - ⑰ PCC PAVEMENT 9" (JOINTED)
  - ⑱ PCC SHOULDERS 9"
  - ⑲ CHAIN LINK FENCE, 4'
  - ⑳ COMBINATION CONCRETE CURB AND GUTTER, B-6.24
  - ㉑ LEVELING BINDER (MACHINE METHOD), N70
  - ㉒ CONCRETE CURB, TYPE B
  - ㉓ CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT  
MATCH EXISTING BARRIER WALL DIMENSIONS
  - ㉔ BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)

NO WORK SHOWN ON SHEET

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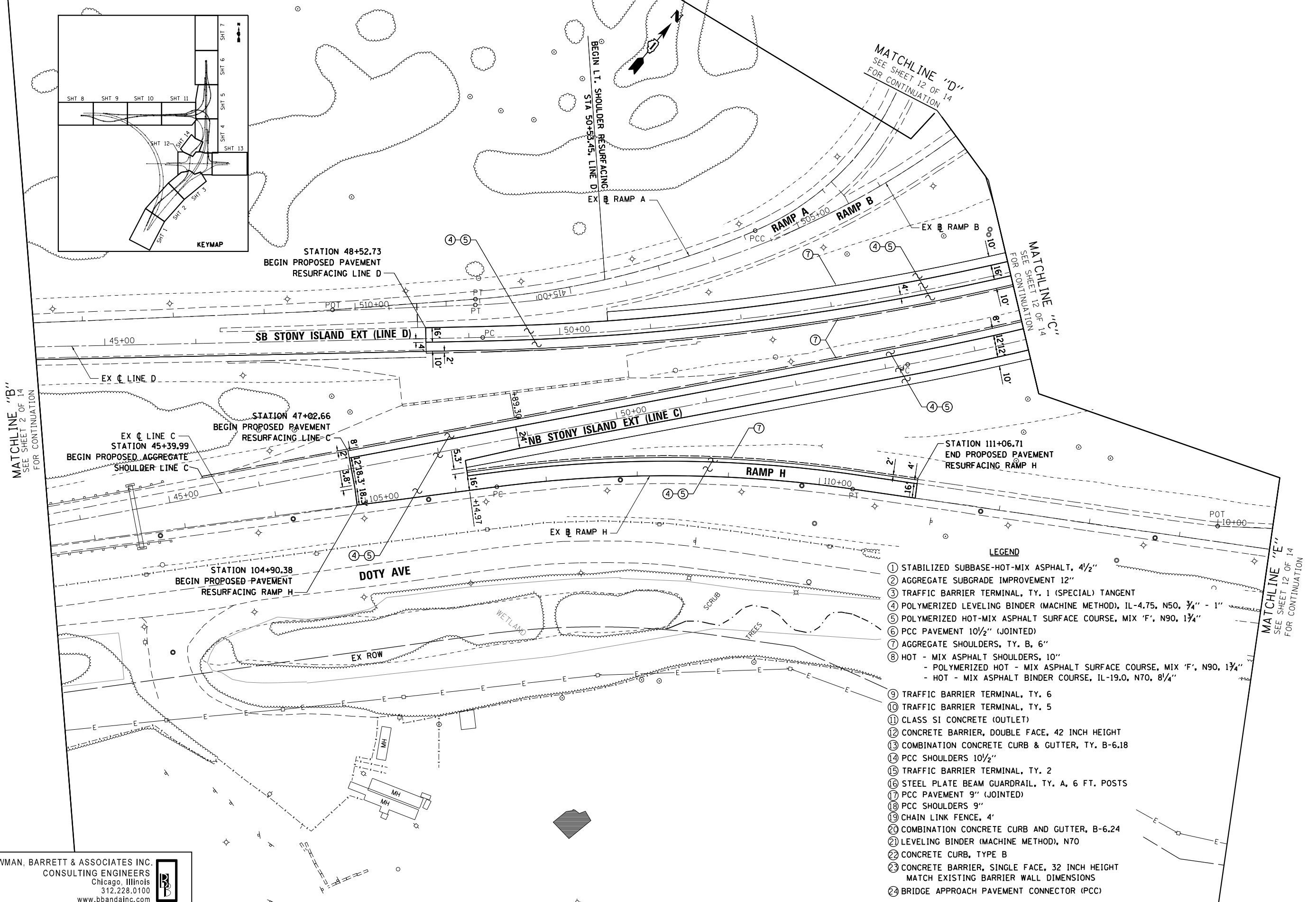
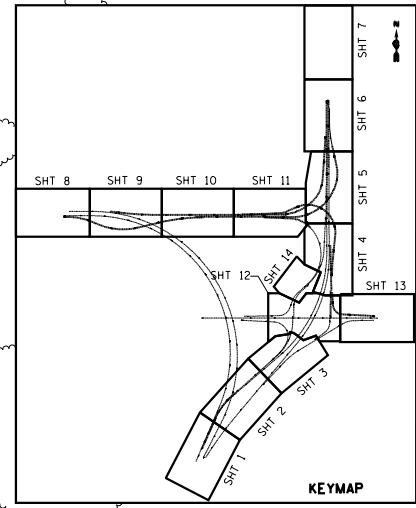
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN  
STONY ISLAND EXTENSION**

SCALE: 1"=50'    SHEET NO. 2 OF 14 SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	59
CONTRACT NO. 60J12				
ILLINOIS FED. AID PROJECT				

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- LEGEND**
- ① STABILIZED SUBBASE-HOT-MIX ASPHALT, 4 1/2"
  - ② AGGREGATE SUBGRADE IMPROVEMENT 12"
  - ③ TRAFFIC BARRIER TERMINAL, TY. 1 (SPECIAL) TANGENT
  - ④ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" - 1"
  - ⑤ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 1 3/4"
  - ⑥ PCC PAVEMENT 10 1/2" (JOINTED)
  - ⑦ AGGREGATE SHOULDERS, TY. B, 6"
  - ⑧ HOT - MIX ASPHALT SHOULDERS, 10"  
 - POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 1 3/4"  
 - HOT - MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8 1/4"
  - ⑨ TRAFFIC BARRIER TERMINAL, TY. 6
  - ⑩ TRAFFIC BARRIER TERMINAL, TY. 5
  - ⑪ CLASS SI CONCRETE (OUTLET)
  - ⑫ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
  - ⑬ COMBINATION CONCRETE CURB & GUTTER, TY. B-6.18
  - ⑭ PCC SHOULDERS 10 1/2"
  - ⑮ TRAFFIC BARRIER TERMINAL, TY. 2
  - ⑯ STEEL PLATE BEAM GUARDRAIL, TY. A, 6 FT. POSTS
  - ⑰ PCC PAVEMENT 9" (JOINTED)
  - ⑱ PCC SHOULDERS 9"
  - ⑲ CHAIN LINK FENCE, 4'
  - ⑳ COMBINATION CONCRETE CURB AND GUTTER, B-6.24
  - ㉑ LEVELING BINDER (MACHINE METHOD), N70
  - ㉒ CONCRETE CURB, TYPE B
  - ㉓ CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT  
 MATCH EXISTING BARRIER WALL DIMENSIONS
  - ㉔ BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)

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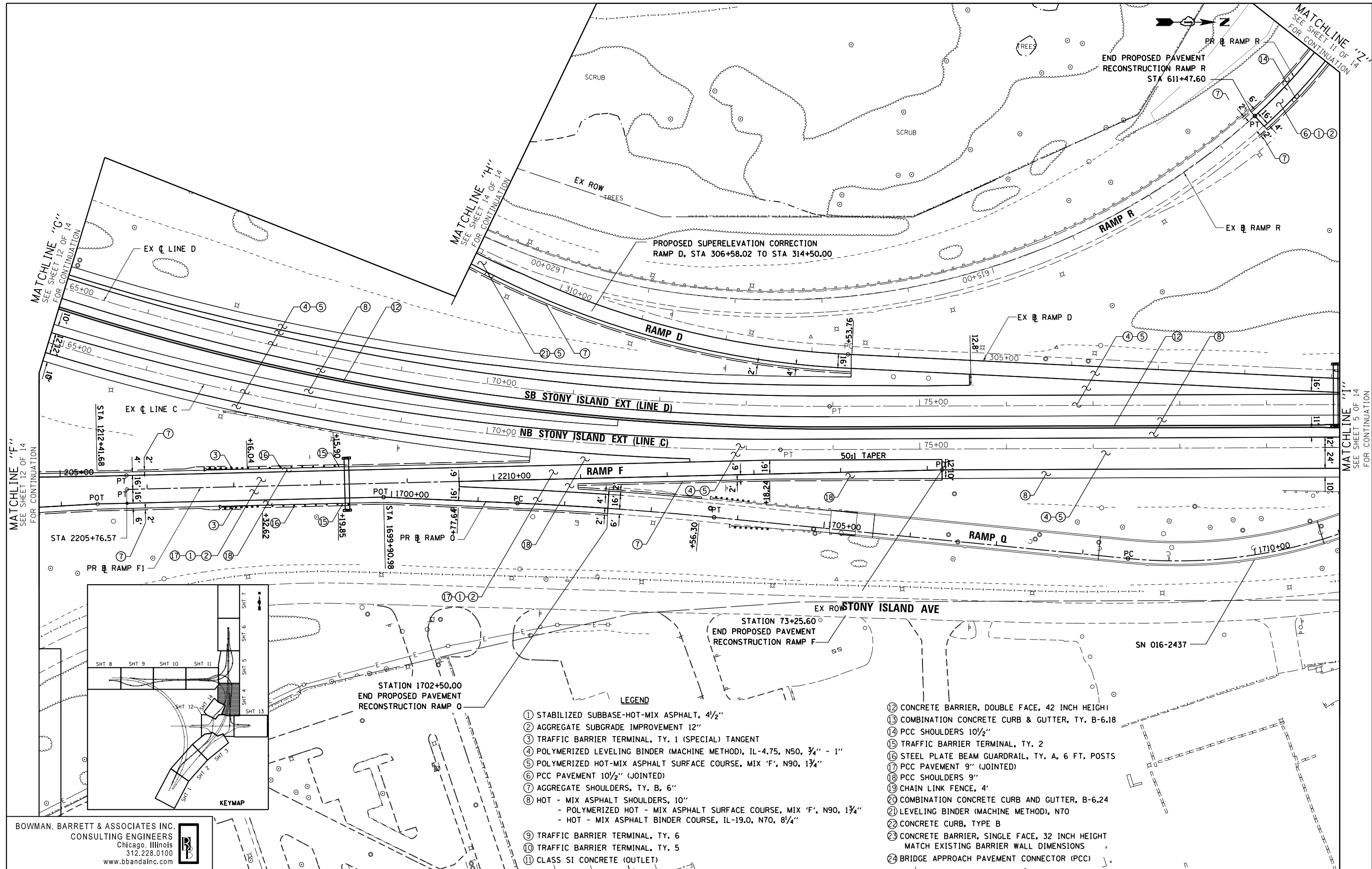
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN  
 STONY ISLAND EXTENSION**

SCALE: 1"=50'    SHEET NO. 3 OF 14 SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	60
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

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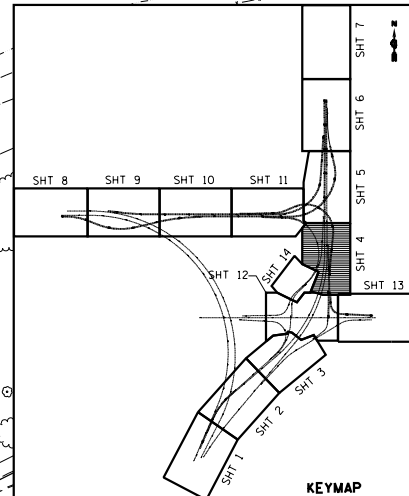
MATCHLINE "F" FOR CONTINUATION SEE SHEET 12 OF 14

MATCHLINE "G" FOR CONTINUATION SEE SHEET 12 OF 14

MATCHLINE "H" FOR CONTINUATION SEE SHEET 14 OF 14

MATCHLINE "I" FOR CONTINUATION SEE SHEET 11 OF 14

MATCHLINE "J" FOR CONTINUATION SEE SHEET 5 OF 14



- LEGEND**
- ① STABILIZED SUBBASE-HOT-MIX ASPHALT, 4 1/2"
  - ② AGGREGATE SUBGRADE IMPROVEMENT 12"
  - ③ TRAFFIC BARRIER TERMINAL, TY. 1 (SPECIAL) TANGENT
  - ④ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" - 1"
  - ⑤ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 1 3/4"
  - ⑥ PCC PAVEMENT 10 1/2" (JOINTED)
  - ⑦ AGGREGATE SHOULDERS, TY. B, 6"
  - ⑧ HOT - MIX ASPHALT SHOULDERS, 10"  
- POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 1 3/4"  
- HOT - MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8 1/4"
  - ⑨ TRAFFIC BARRIER TERMINAL, TY. 6
  - ⑩ TRAFFIC BARRIER TERMINAL, TY. 5
  - ⑪ CLASS SI CONCRETE (OUTLET)
  - ⑫ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
  - ⑬ COMBINATION CONCRETE CURB & GUTTER, TY. B-6.18
  - ⑭ PCC SHOULDERS 10 1/2"
  - ⑮ TRAFFIC BARRIER TERMINAL, TY. 2
  - ⑯ STEEL PLATE BEAM GUARDRAIL, TY. A, 6 FT. POSTS
  - ⑰ PCC PAVEMENT 9" (JOINTED)
  - ⑱ PCC SHOULDERS 9"
  - ⑲ CHAIN LINK FENCE, 4'
  - ⑳ COMBINATION CONCRETE CURB AND GUTTER, B-6.24
  - ㉑ LEVELING BINDER (MACHINE METHOD), N70
  - ㉒ CONCRETE CURB, TYPE B
  - ㉓ CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT MATCH EXISTING BARRIER WALL DIMENSIONS
  - ㉔ BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

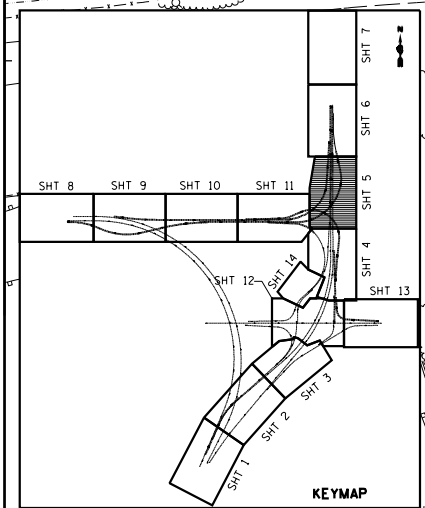
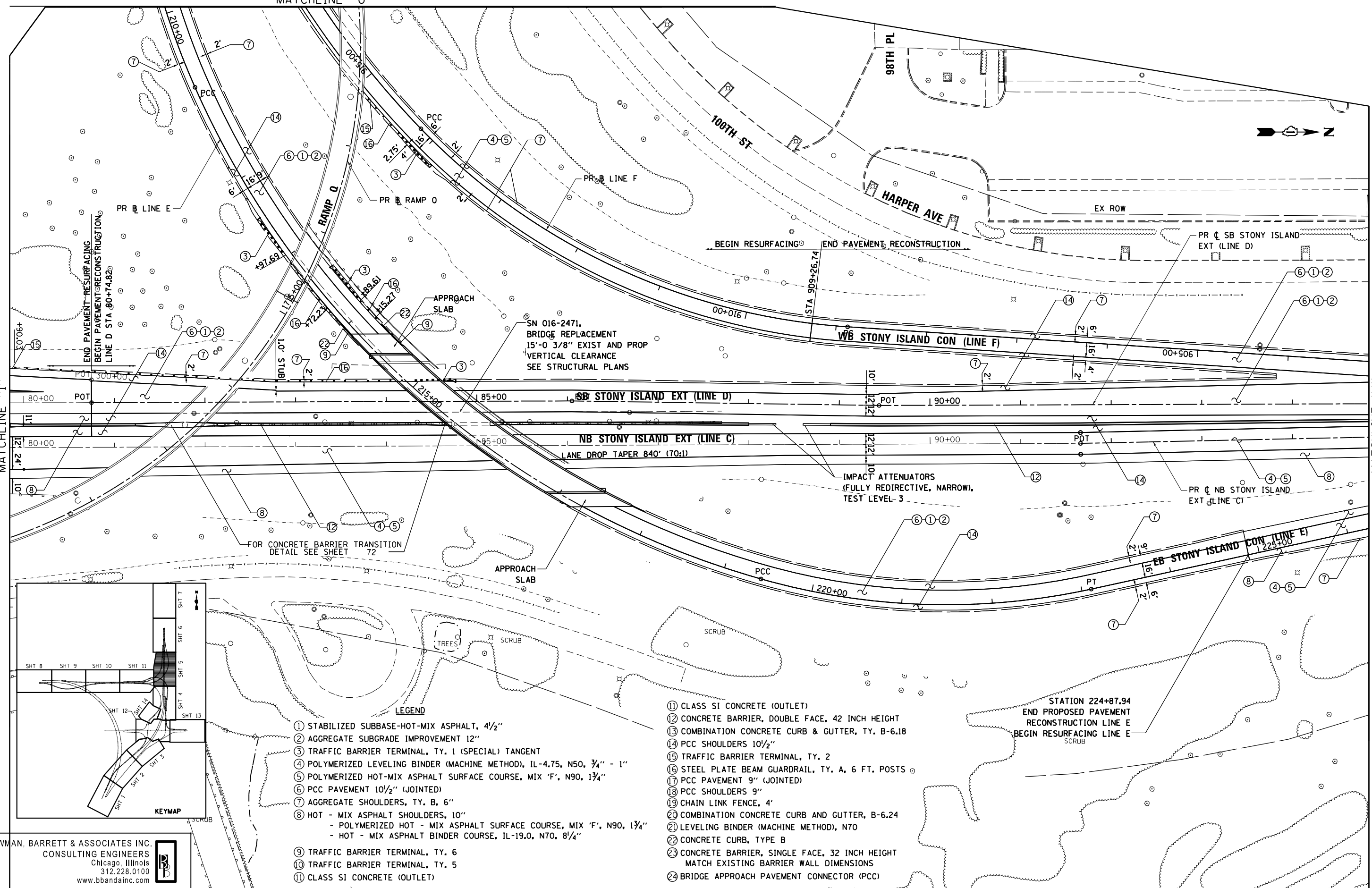
<b>PROPOSED PLAN STONY ISLAND EXTENSION</b>	
SCALE: 1"=50'	SHEET NO. 4 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	61
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

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SEE SHEET 4 OF 14 FOR CONTINUATION  
MATCHLINE "I"

SEE SHEET 6 OF 14 FOR CONTINUATION  
MATCHLINE "J"



- LEGEND**
- ① STABILIZED SUBBASE-HOT-MIX ASPHALT, 4 1/2"
  - ② AGGREGATE SUBGRADE IMPROVEMENT 12"
  - ③ TRAFFIC BARRIER TERMINAL, TY. 1 (SPECIAL) TANGENT
  - ④ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" - 1"
  - ⑤ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 1 3/4"
  - ⑥ PCC PAVEMENT 10 1/2" (JOINTED)
  - ⑦ AGGREGATE SHOULDERS, TY. B, 6"
  - ⑧ HOT - MIX ASPHALT SHOULDERS, 10"  
- POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 1 3/4"  
- HOT - MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8/4"
  - ⑨ TRAFFIC BARRIER TERMINAL, TY. 6
  - ⑩ TRAFFIC BARRIER TERMINAL, TY. 5
  - ⑪ CLASS SI CONCRETE (OUTLET)
  - ⑫ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
  - ⑬ COMBINATION CONCRETE CURB & GUTTER, TY. B-6.18
  - ⑭ PCC SHOULDERS 10 1/2"
  - ⑮ TRAFFIC BARRIER TERMINAL, TY. 2
  - ⑯ STEEL PLATE BEAM GUARDRAIL, TY. A, 6 FT. POSTS
  - ⑰ PCC PAVEMENT 9" (JOINTED)
  - ⑱ PCC SHOULDERS 9"
  - ⑲ CHAIN LINK FENCE, 4'
  - ⑳ COMBINATION CONCRETE CURB AND GUTTER, B-6.24
  - ㉑ LEVELING BINDER (MACHINE METHOD), N70
  - ㉒ CONCRETE CURB, TYPE B
  - ㉓ CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT  
MATCH EXISTING BARRIER WALL DIMENSIONS
  - ㉔ BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)

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	PLOT DATE = 3/29/2013	DATE - 03/29/2013	REVISED -

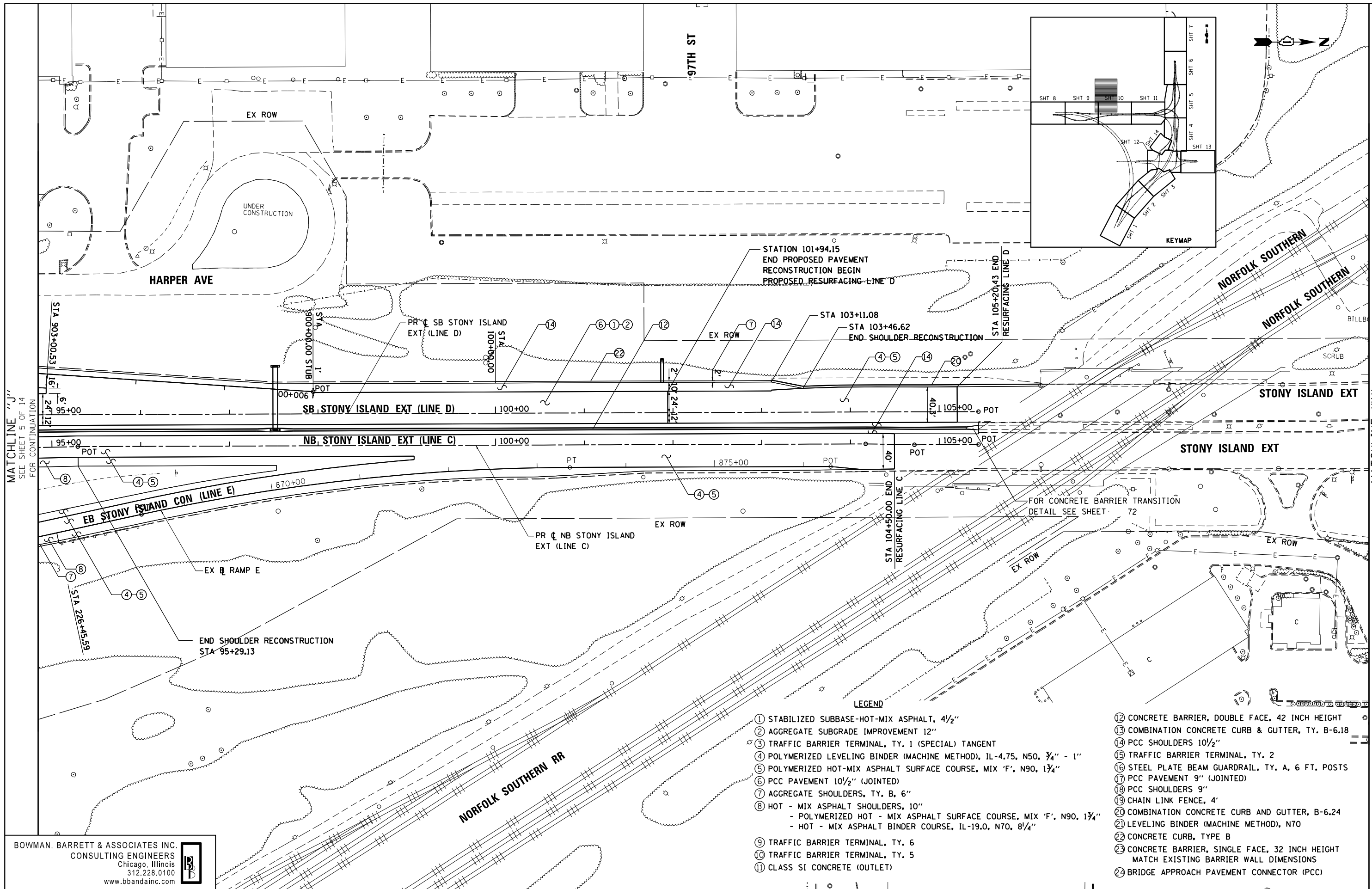
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN  
STONY ISLAND EXTENSION**

SCALE: 1"=50'    SHEET NO. 5 OF 14 SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	62
				CONTRACT NO. 60J12
ILLINOIS FED. AID PROJECT				

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MATCHLINE "J"  
SEE SHEET 5 OF 14  
FOR CONTINUATION

MATCHLINE "K"  
SEE SHEET 7 OF 14  
FOR CONTINUATION

- LEGEND**
- ① STABILIZED SUBBASE-HOT-MIX ASPHALT, 4 1/2"
  - ② AGGREGATE SUBGRADE IMPROVEMENT 12"
  - ③ TRAFFIC BARRIER TERMINAL, TY. 1 (SPECIAL) TANGENT
  - ④ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" - 1"
  - ⑤ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 1 3/4"
  - ⑥ PCC PAVEMENT 10 1/2" (JOINTED)
  - ⑦ AGGREGATE SHOULDERS, TY. B, 6"
  - ⑧ HOT - MIX ASPHALT SHOULDERS, 10"  
- POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 1 3/4"  
- HOT - MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8 1/4"
  - ⑨ TRAFFIC BARRIER TERMINAL, TY. 6
  - ⑩ TRAFFIC BARRIER TERMINAL, TY. 5
  - ⑪ CLASS SI CONCRETE (OUTLET)
  - ⑫ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
  - ⑬ COMBINATION CONCRETE CURB & GUTTER, TY. B-6.18
  - ⑭ PCC SHOULDERS 10 1/2"
  - ⑮ TRAFFIC BARRIER TERMINAL, TY. 2
  - ⑯ STEEL PLATE BEAM GUARDRAIL, TY. A, 6 FT. POSTS
  - ⑰ PCC PAVEMENT 9" (JOINTED)
  - ⑱ PCC SHOULDERS 9"
  - ⑲ CHAIN LINK FENCE, 4'
  - ⑳ COMBINATION CONCRETE CURB AND GUTTER, B-6.24
  - ㉑ LEVELING BINDER (MACHINE METHOD), N70
  - ㉒ CONCRETE CURB, TYPE B
  - ㉓ CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT  
MATCH EXISTING BARRIER WALL DIMENSIONS
  - ㉔ BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)

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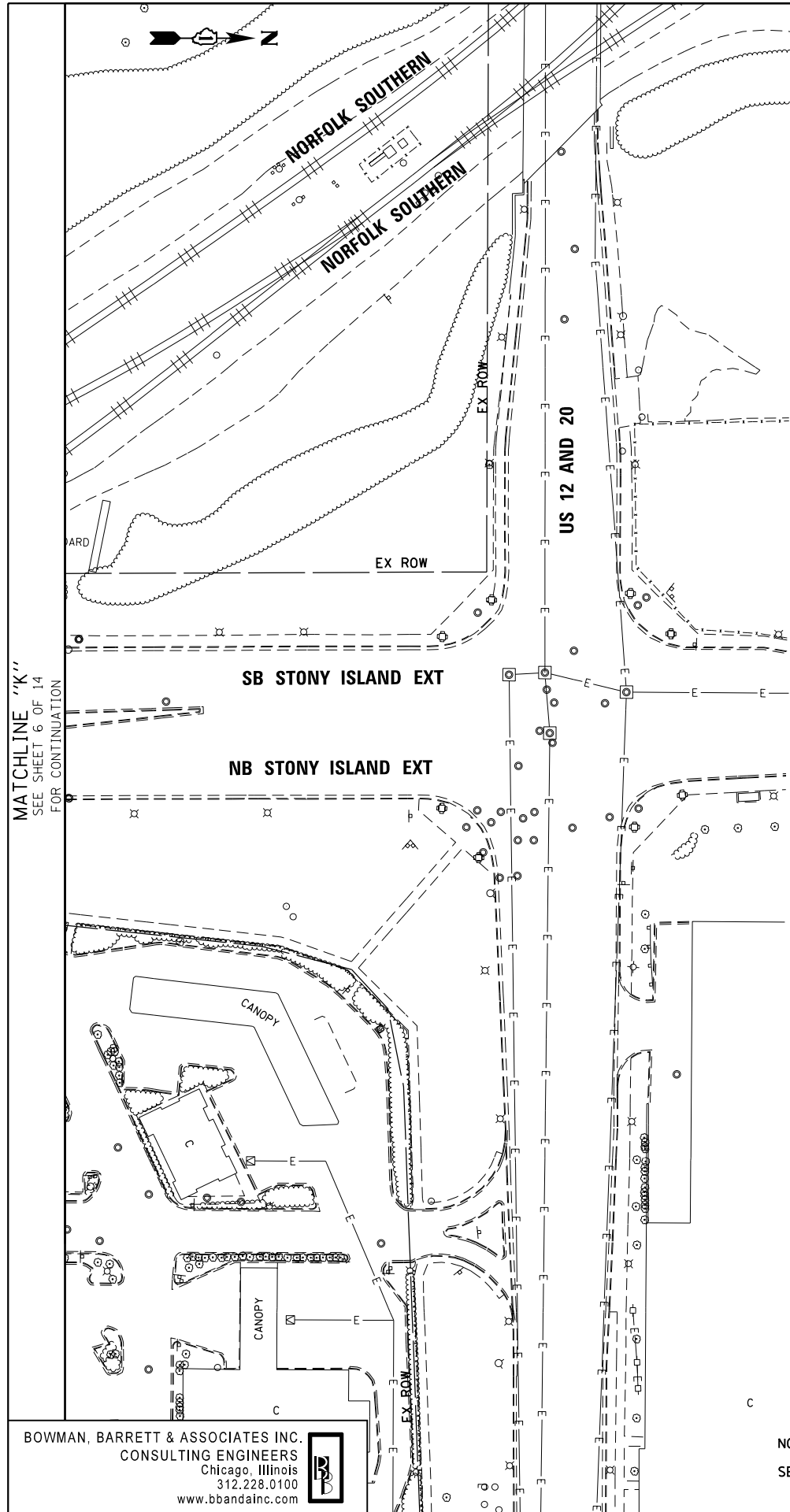
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN  
STONY ISLAND EXTENSION

SCALE: 1"=50' SHEET NO. 6 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	63
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

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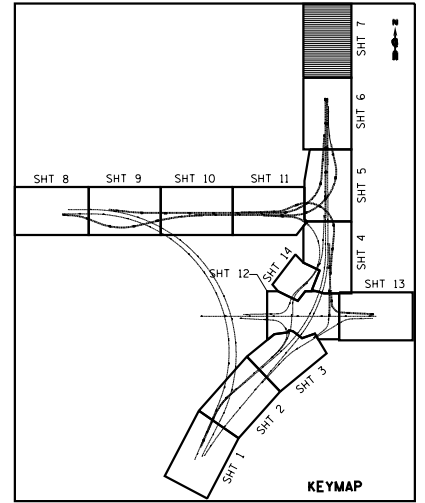


MATCHLINE "K"  
SEE SHEET 6 OF 14  
FOR CONTINUATION

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NO WORK SHOWN ON SHEET  
SEE SHEET 1 OF 14 FOR LEGEND



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	PLOT DATE = 3/29/2013	DATE - 03/29/2013	REVISED -

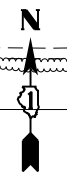
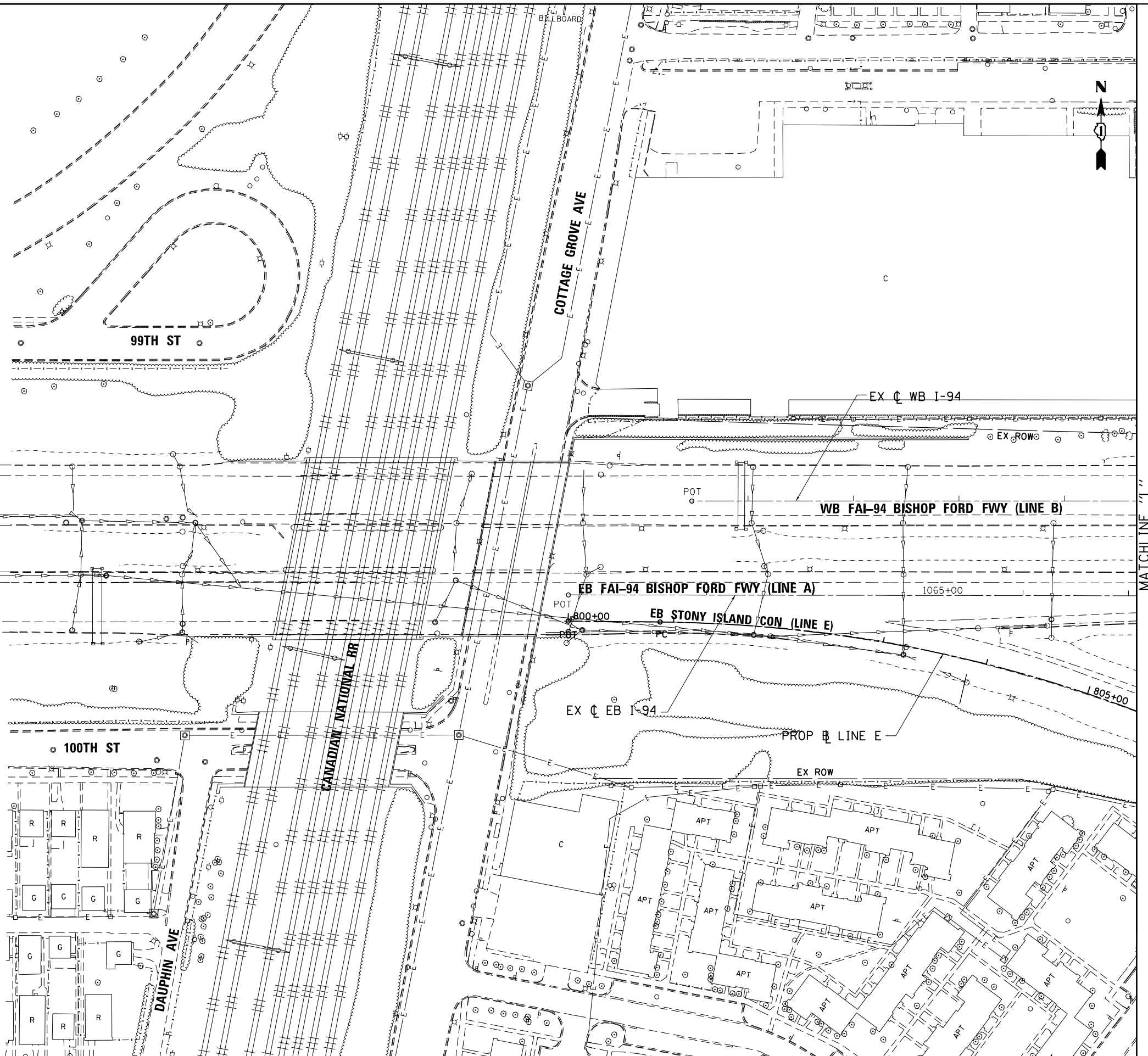
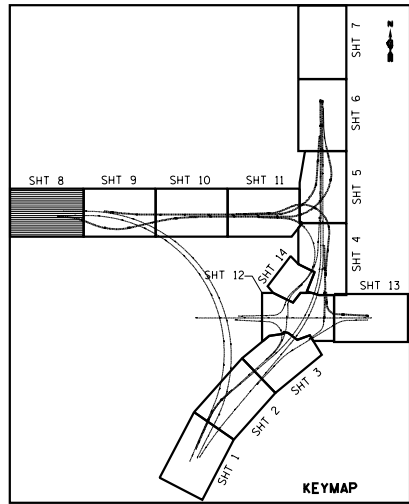
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN  
STONY ISLAND EXTENSION**

SCALE: 1"=50' SHEET NO. 7 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	64
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	





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NO WORK SHOWN ON SHEET  
 SEE SHEET 1 OF 14 FOR LEGEND

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USER NAME = default  
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 DATE - 03/29/2013

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN  
 STONY ISLAND CONNECTOR

SCALE: 1"=50' SHEET NO. 8 OF 14 SHEETS STA. TO STA.

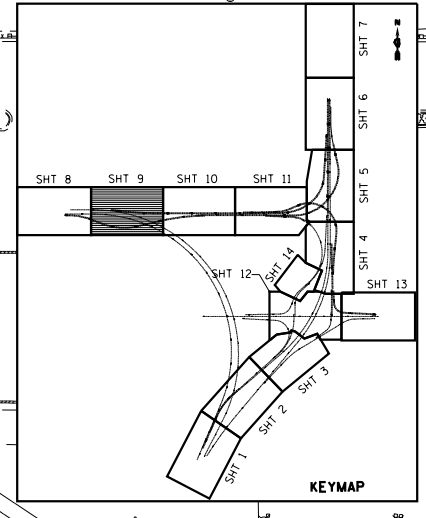
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	65
CONTRACT NO. 60J12				

ILLINOIS FED. AID PROJECT

MATCHLINE "L"  
 SEE SHEET 9 OF 14  
 FOR CONTINUATION

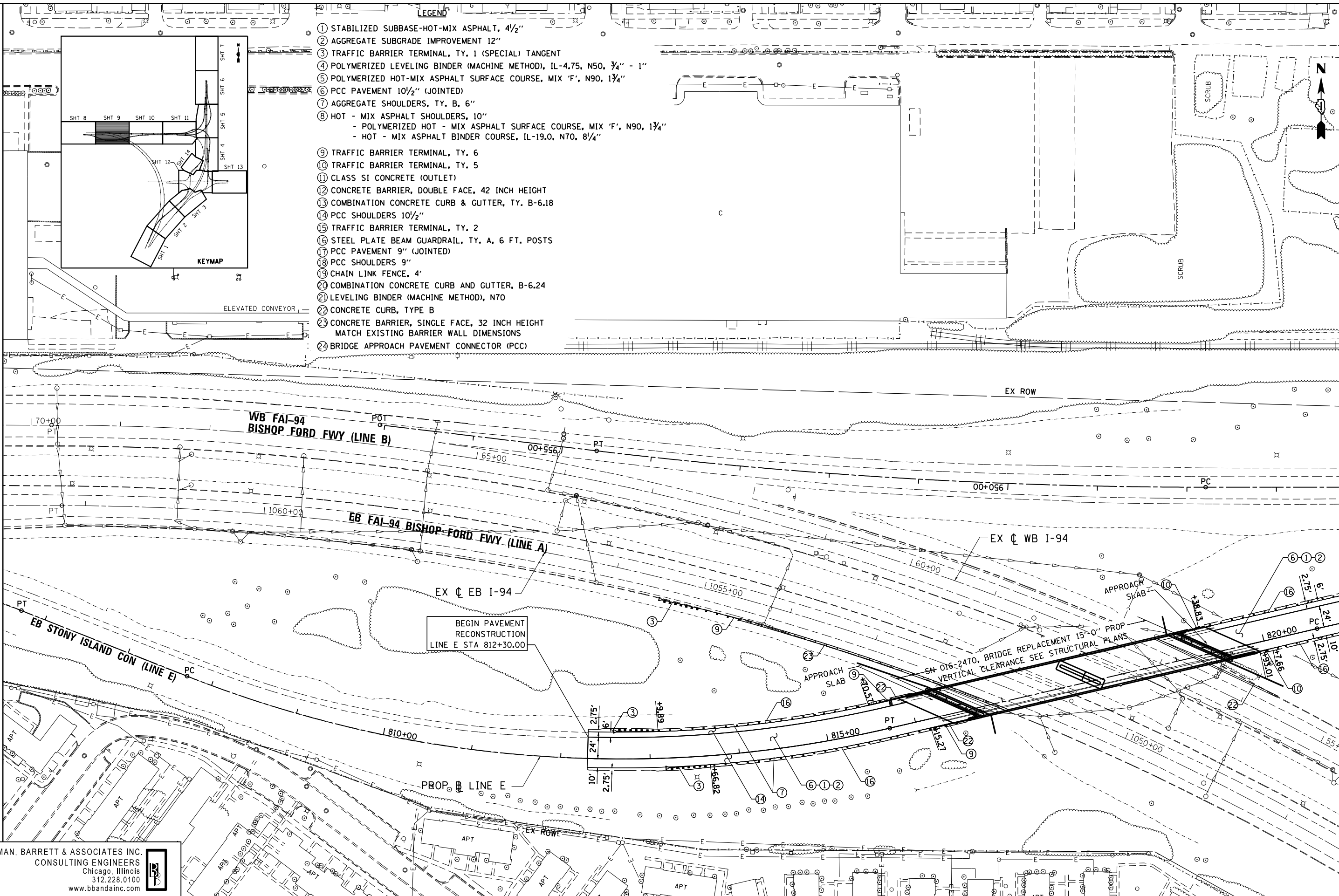
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- LEGEND**
- ① STABILIZED SUBBASE-HOT-MIX ASPHALT, 4 1/2"
  - ② AGGREGATE SUBGRADE IMPROVEMENT 12"
  - ③ TRAFFIC BARRIER TERMINAL, TY. 1 (SPECIAL) TANGENT
  - ④ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" - 1"
  - ⑤ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 1 1/4"
  - ⑥ PCC PAVEMENT 10 1/2" (JOINTED)
  - ⑦ AGGREGATE SHOULDERS, TY. B, 6"
  - ⑧ HOT - MIX ASPHALT SHOULDERS, 10"  
- POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 1 1/4"  
- HOT - MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8/4"
  - ⑨ TRAFFIC BARRIER TERMINAL, TY. 6
  - ⑩ TRAFFIC BARRIER TERMINAL, TY. 5
  - ⑪ CLASS SI CONCRETE (OUTLET)
  - ⑫ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
  - ⑬ COMBINATION CONCRETE CURB & GUTTER, TY. B-6.18
  - ⑭ PCC SHOULDERS 10 1/2"
  - ⑮ TRAFFIC BARRIER TERMINAL, TY. 2
  - ⑯ STEEL PLATE BEAM GUARDRAIL, TY. A, 6 FT. POSTS
  - ⑰ PCC PAVEMENT 9" (JOINTED)
  - ⑱ PCC SHOULDERS 9"
  - ⑲ CHAIN LINK FENCE, 4'
  - ⑳ COMBINATION CONCRETE CURB AND GUTTER, B-6.24
  - ㉑ LEVELING BINDER (MACHINE METHOD), N70
  - ㉒ CONCRETE CURB, TYPE B
  - ㉓ CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT  
MATCH EXISTING BARRIER WALL DIMENSIONS
  - ㉔ BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)



MATCHLINE "L"  
SEE SHEET 8 OF 14 FOR CONTINUATION

MATCHLINE "M"  
SEE SHEET 10 OF 14 FOR CONTINUATION



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN  
STONY ISLAND CONNECTOR**

SCALE: 1"=50'    SHEET NO. 9 OF 14 SHEETS    STA.    TO STA.

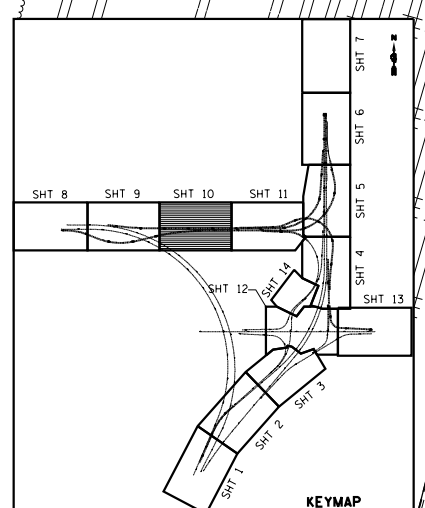
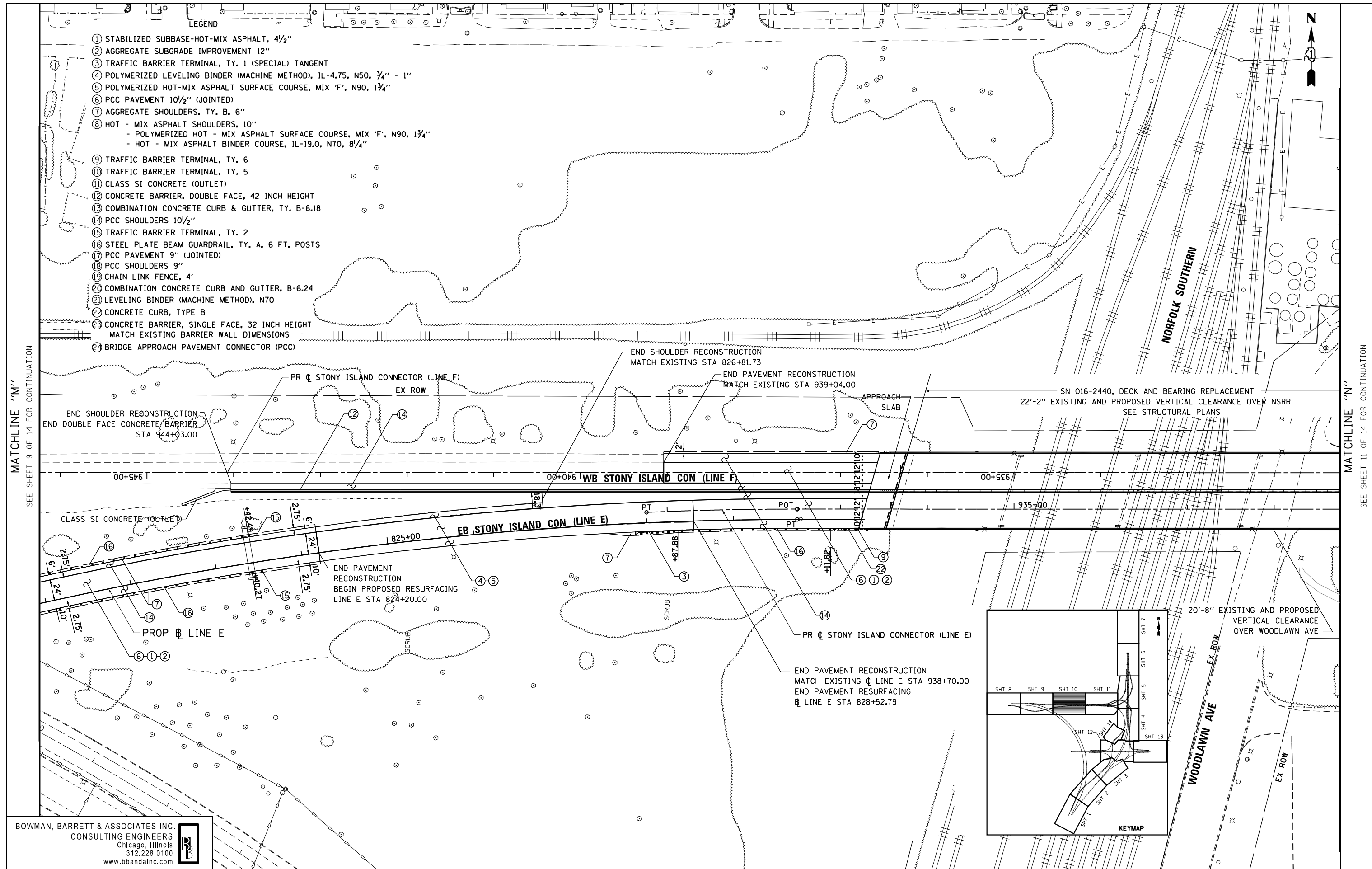
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	66
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

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- LEGEND**
- ① STABILIZED SUBBASE-HOT-MIX ASPHALT, 4 1/2"
  - ② AGGREGATE SUBGRADE IMPROVEMENT 12"
  - ③ TRAFFIC BARRIER TERMINAL, TY. 1 (SPECIAL) TANGENT
  - ④ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" - 1"
  - ⑤ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 1 3/4"
  - ⑥ PCC PAVEMENT 10 1/2" (JOINTED)
  - ⑦ AGGREGATE SHOULDERS, TY. B, 6"
  - ⑧ HOT - MIX ASPHALT SHOULDERS, 10"  
- POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 1 3/4"  
- HOT - MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8 1/4"
  - ⑨ TRAFFIC BARRIER TERMINAL, TY. 6
  - ⑩ TRAFFIC BARRIER TERMINAL, TY. 5
  - ⑪ CLASS SI CONCRETE (OUTLET)
  - ⑫ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
  - ⑬ COMBINATION CONCRETE CURB & GUTTER, TY. B-6.18
  - ⑭ PCC SHOULDERS 10 1/2"
  - ⑮ TRAFFIC BARRIER TERMINAL, TY. 2
  - ⑯ STEEL PLATE BEAM GUARDRAIL, TY. A, 6 FT. POSTS
  - ⑰ PCC PAVEMENT 9" (JOINTED)
  - ⑱ PCC SHOULDERS 9"
  - ⑲ CHAIN LINK FENCE, 4'
  - ⑳ COMBINATION CONCRETE CURB AND GUTTER, B-6.24
  - ㉑ LEVELING BINDER (MACHINE METHOD), N70
  - ㉒ CONCRETE CURB, TYPE B
  - ㉓ CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT  
MATCH EXISTING BARRIER WALL DIMENSIONS
  - ㉔ BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)

MATCHLINE "M"  
SEE SHEET 9 OF 14 FOR CONTINUATION

MATCHLINE "N"  
SEE SHEET 11 OF 14 FOR CONTINUATION



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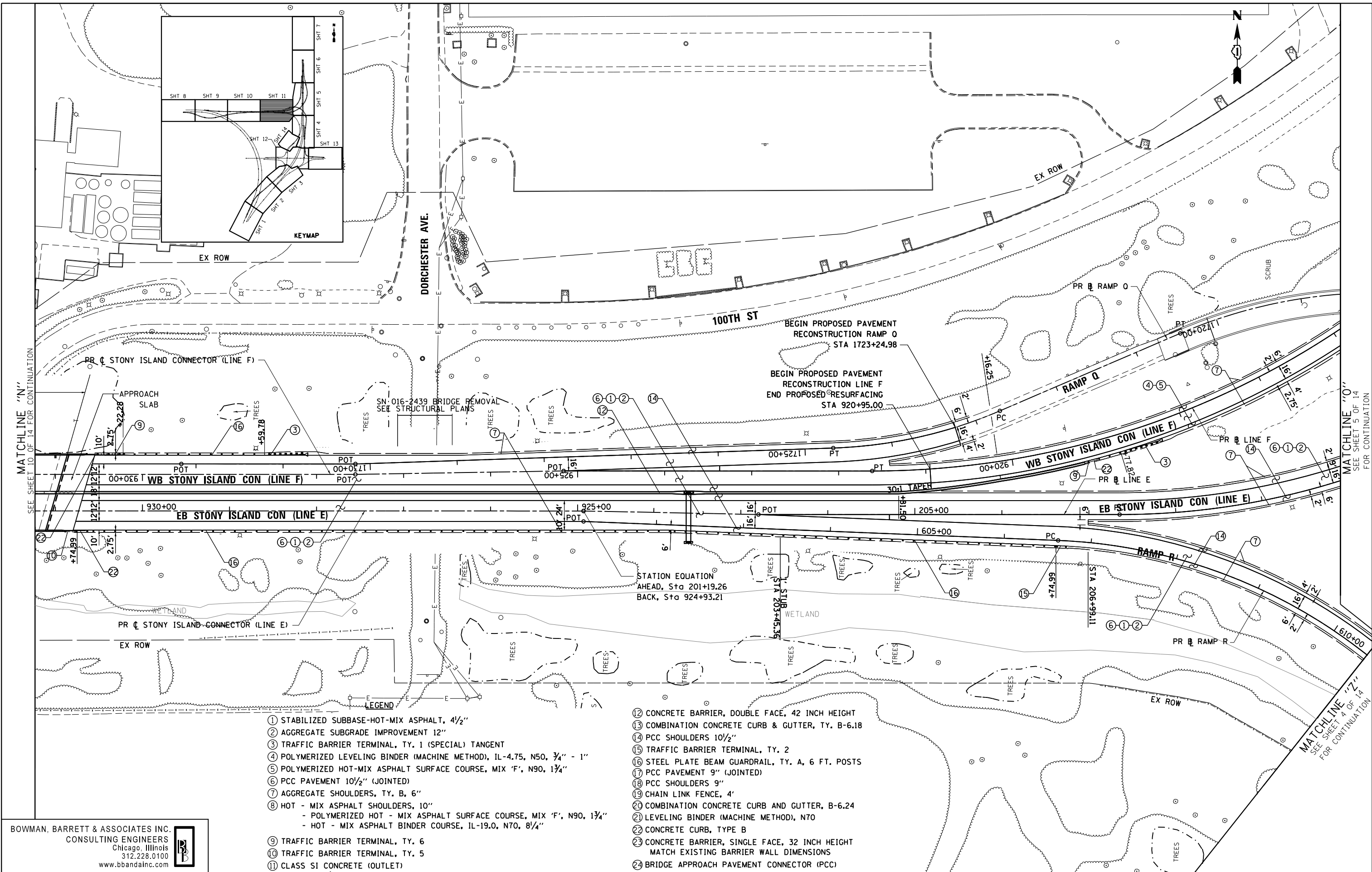
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN  
STONY ISLAND CONNECTOR**

SCALE: 1"=50'    SHEET NO. 10 OF 14 SHEETS    STA.    TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	67
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

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MATCHLINE "N"  
SEE SHEET 10 OF 14 FOR CONTINUATION

MATCHLINE "O"  
SEE SHEET 5 OF 14  
FOR CONTINUATION

MATCHLINE "Z"  
SEE SHEET 4 OF 14  
FOR CONTINUATION

- LEGEND**
- ① STABILIZED SUBBASE-HOT-MIX ASPHALT, 4 1/2"
  - ② AGGREGATE SUBGRADE IMPROVEMENT 12"
  - ③ TRAFFIC BARRIER TERMINAL, TY. 1 (SPECIAL) TANGENT
  - ④ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" - 1"
  - ⑤ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 1 3/4"
  - ⑥ PCC PAVEMENT 10 1/2" (JOINTED)
  - ⑦ AGGREGATE SHOULDERS, TY. B, 6"
  - ⑧ HOT - MIX ASPHALT SHOULDERS, 10"  
- POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 1 3/4"  
- HOT - MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8/4"
  - ⑨ TRAFFIC BARRIER TERMINAL, TY. 6
  - ⑩ TRAFFIC BARRIER TERMINAL, TY. 5
  - ⑪ CLASS SI CONCRETE (OUTLET)
  - ⑫ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
  - ⑬ COMBINATION CONCRETE CURB & GUTTER, TY. B-6.18
  - ⑭ PCC SHOULDERS 10 1/2"
  - ⑮ TRAFFIC BARRIER TERMINAL, TY. 2
  - ⑯ STEEL PLATE BEAM GUARDRAIL, TY. A, 6 FT. POSTS
  - ⑰ PCC PAVEMENT 9" (JOINTED)
  - ⑱ PCC SHOULDERS 9"
  - ⑲ CHAIN LINK FENCE, 4'
  - ⑳ COMBINATION CONCRETE CURB AND GUTTER, B-6.24
  - ㉑ LEVELING BINDER (MACHINE METHOD), N70
  - ㉒ CONCRETE CURB, TYPE B
  - ㉓ CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT  
MATCH EXISTING BARRIER WALL DIMENSIONS
  - ㉔ BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN  
STONY ISLAND CONNECTOR**

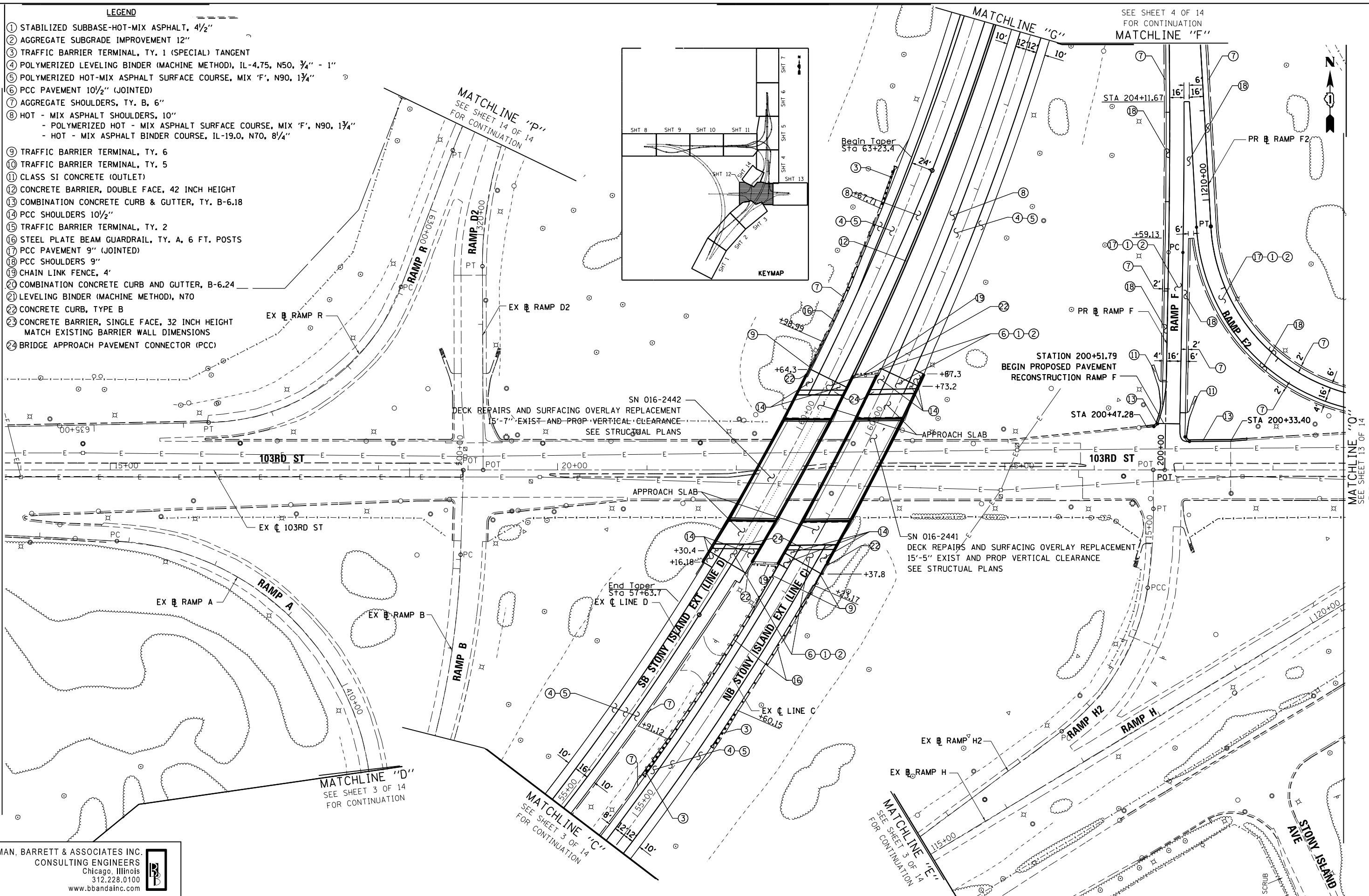
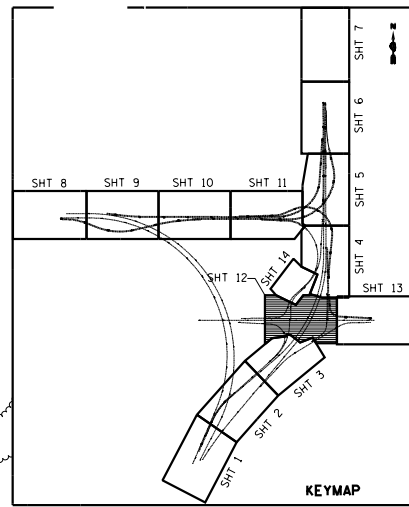
SCALE: 1"=50'    SHEET NO. 11 OF 14 SHEETS    STA.    TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	68
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

S:\1072-05-CADD\10680112-Sheets\10680112-sh11-rd.dwg

**LEGEND**

- ① STABILIZED SUBBASE-HOT-MIX ASPHALT, 4 1/2"
- ② AGGREGATE SUBGRADE IMPROVEMENT 12"
- ③ TRAFFIC BARRIER TERMINAL, TY. 1 (SPECIAL) TANGENT
- ④ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" - 1"
- ⑤ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 1 3/4"
- ⑥ PCC PAVEMENT 10 1/2" (JOINTED)
- ⑦ AGGREGATE SHOULDERS, TY. B, 6"
- ⑧ HOT - MIX ASPHALT SHOULDERS, 10"
- POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 1 3/4"
- HOT - MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8/4"
- ⑨ TRAFFIC BARRIER TERMINAL, TY. 6
- ⑩ TRAFFIC BARRIER TERMINAL, TY. 5
- ⑪ CLASS SI CONCRETE (OUTLET)
- ⑫ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- ⑬ COMBINATION CONCRETE CURB & GUTTER, TY. B-6.18
- ⑭ PCC SHOULDERS 10 1/2"
- ⑮ TRAFFIC BARRIER TERMINAL, TY. 2
- ⑯ STEEL PLATE BEAM GUARDRAIL, TY. A, 6 FT. POSTS
- ⑰ PCC PAVEMENT 9" (JOINTED)
- ⑱ PCC SHOULDERS 9"
- ⑲ CHAIN LINK FENCE, 4'
- ⑳ COMBINATION CONCRETE CURB AND GUTTER, B-6.24
- ㉑ LEVELING BINDER (MACHINE METHOD), N70
- ㉒ CONCRETE CURB, TYPE B
- ㉓ CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT  
MATCH EXISTING BARRIER WALL DIMENSIONS
- ㉔ BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)



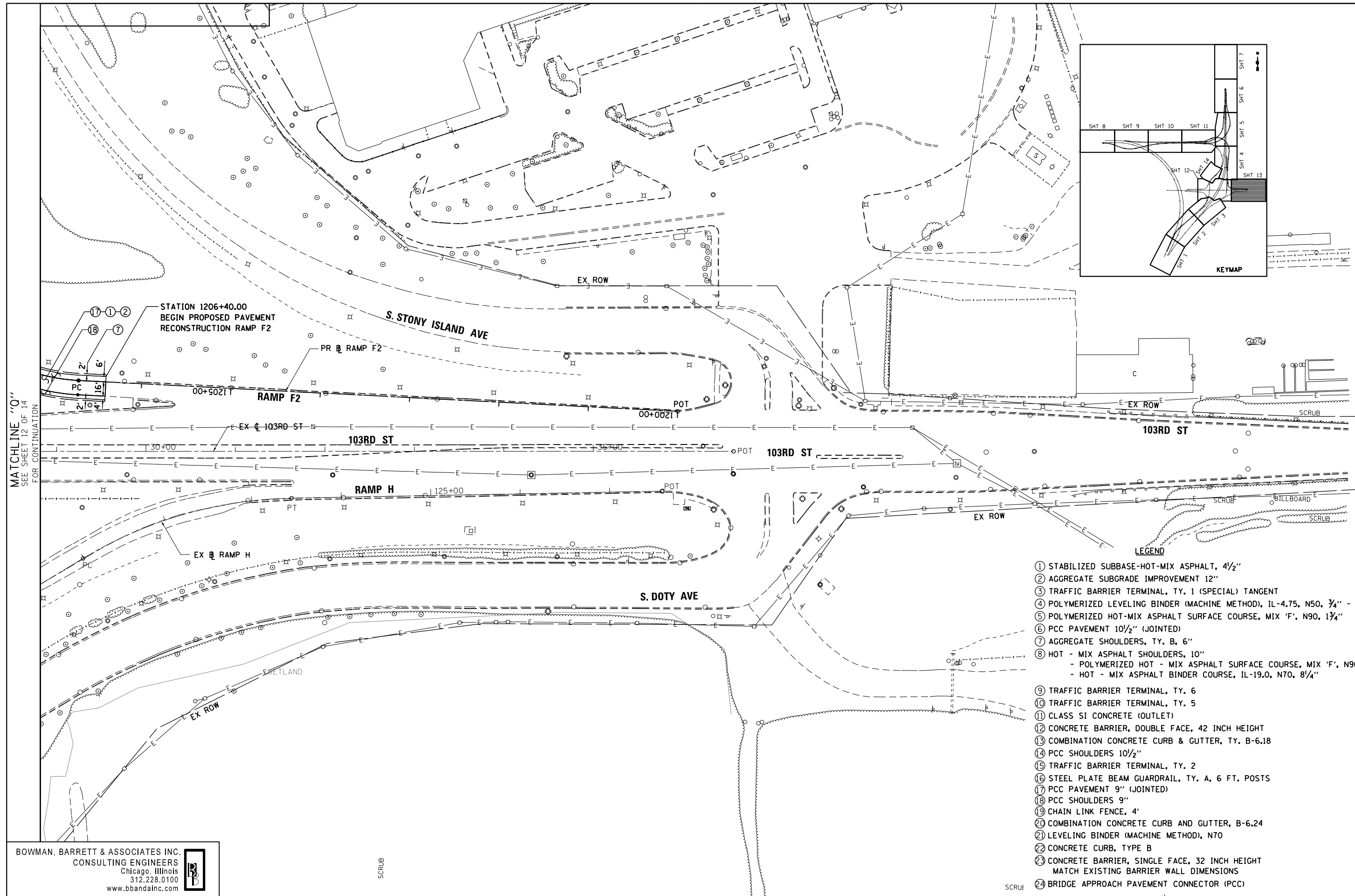
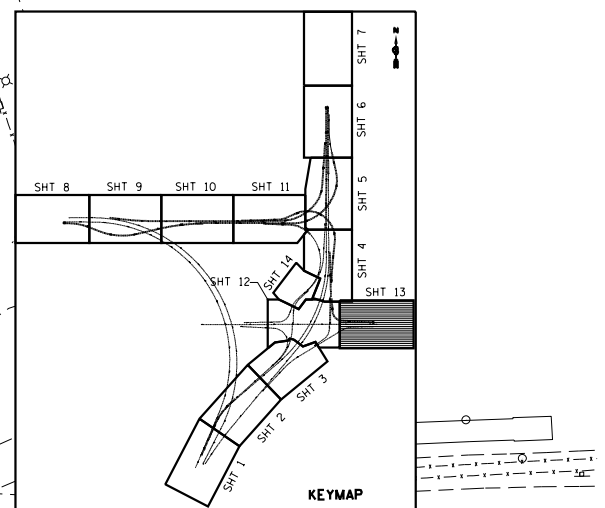
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	PLOT DATE = 3/29/2013	DATE - 03/29/2013	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED PLAN</b>		F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103RD STREET		94	2012-059-BR	COOK	631	69
SCALE: 1"=50'		SHEET NO. 12 OF 14 SHEETS		STA. TO STA.		CONTRACT NO. 60J12
ILLINOIS FED. AID PROJECT						

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MATCHLINE "Q"  
SEE SHEET 12 OF 14  
FOR CONTINUATION

- LEGEND**
- ① STABILIZED SUBBASE-HOT-MIX ASPHALT, 4 1/2"
  - ② AGGREGATE SUBGRADE IMPROVEMENT 12"
  - ③ TRAFFIC BARRIER TERMINAL, TY. 1 (SPECIAL) TANGENT
  - ④ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" - 1"
  - ⑤ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 1 3/4"
  - ⑥ PCC PAVEMENT 10 1/2" (JOINTED)
  - ⑦ AGGREGATE SHOULDERS, TY. B, 6"
  - ⑧ HOT - MIX ASPHALT SHOULDERS, 10"  
- POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 1 3/4"  
- HOT - MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8 1/4"
  - ⑨ TRAFFIC BARRIER TERMINAL, TY. 6
  - ⑩ TRAFFIC BARRIER TERMINAL, TY. 5
  - ⑪ CLASS SI CONCRETE (OUTLET)
  - ⑫ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
  - ⑬ COMBINATION CONCRETE CURB & GUTTER, TY. B-6.18
  - ⑭ PCC SHOULDERS 10 1/2"
  - ⑮ TRAFFIC BARRIER TERMINAL, TY. 2
  - ⑯ STEEL PLATE BEAM GUARDRAIL, TY. A, 6 FT. POSTS
  - ⑰ PCC PAVEMENT 9" (JOINTED)
  - ⑱ PCC SHOULDERS 9"
  - ⑲ CHAIN LINK FENCE, 4'
  - ⑳ COMBINATION CONCRETE CURB AND GUTTER, B-6.24
  - ㉑ LEVELING BINDER (MACHINE METHOD), N70
  - ㉒ CONCRETE CURB, TYPE B
  - ㉓ CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT  
MATCH EXISTING BARRIER WALL DIMENSIONS
  - ㉔ BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)

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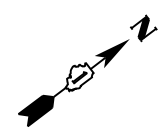
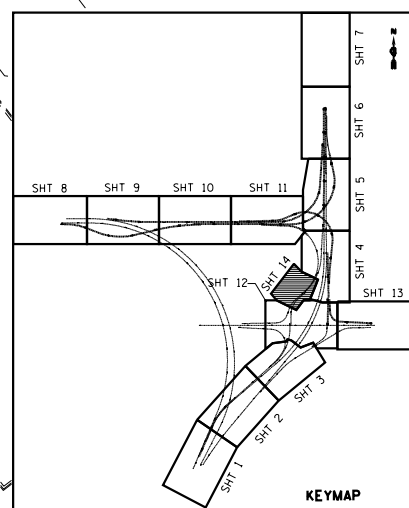
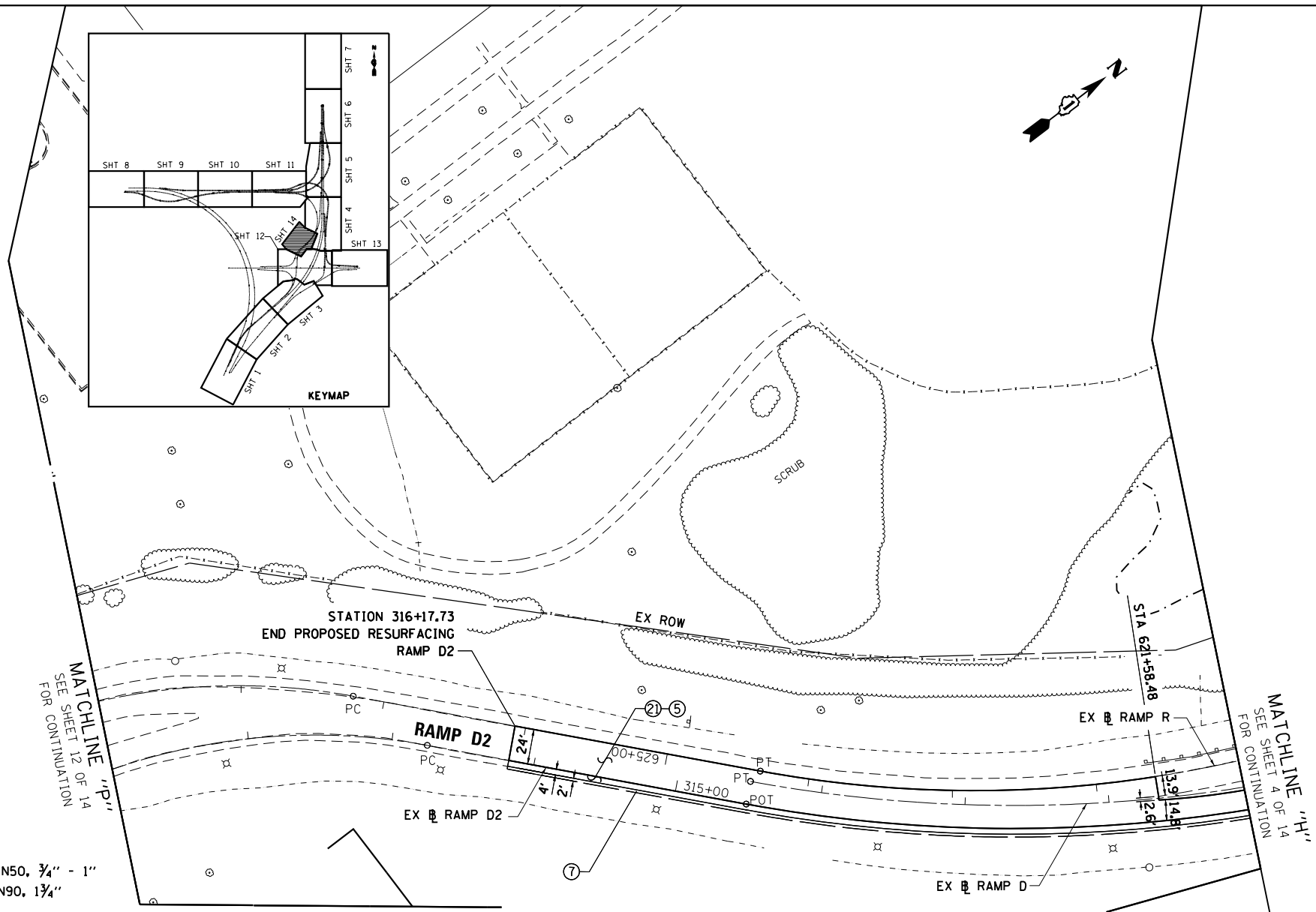
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED PLAN</b>	
<b>103RD STREET</b>	
SCALE: 1"=50'	SHEET NO. 13 OF 14 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	70
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

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**LEGEND**

- ① STABILIZED SUBBASE-HOT-MIX ASPHALT, 4 1/2"
- ② AGGREGATE SUBGRADE IMPROVEMENT 12"
- ③ TRAFFIC BARRIER TERMINAL, TY. 1 (SPECIAL) TANGENT
- ④ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" - 1"
- ⑤ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 1 3/4"
- ⑥ PCC PAVEMENT 10 1/2" (JOINTED)
- ⑦ AGGREGATE SHOULDERS, TY. B, 6"
- ⑧ HOT - MIX ASPHALT SHOULDERS, 10"  
 - POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE, MIX 'F', N90, 1 3/4"  
 - HOT - MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8 1/4"
- ⑨ TRAFFIC BARRIER TERMINAL, TY. 6
- ⑩ TRAFFIC BARRIER TERMINAL, TY. 5
- ⑪ CLASS SI CONCRETE (OUTLET)
- ⑫ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- ⑬ COMBINATION CONCRETE CURB & GUTTER, TY. B-6.18
- ⑭ PCC SHOULDERS 10 1/2"
- ⑮ TRAFFIC BARRIER TERMINAL, TY. 2
- ⑯ STEEL PLATE BEAM GUARDRAIL, TY. A, 6 FT. POSTS
- ⑰ PCC PAVEMENT 9" (JOINTED)
- ⑱ PCC SHOULDERS 9"
- ⑲ CHAIN LINK FENCE, 4'
- ⑳ COMBINATION CONCRETE CURB AND GUTTER, B-6.24
- ㉑ LEVELING BINDER (MACHINE METHOD), N70
- ㉒ CONCRETE CURB, TYPE B
- ㉓ CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT  
 MATCH EXISTING BARRIER WALL DIMENSIONS
- ㉔ BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)

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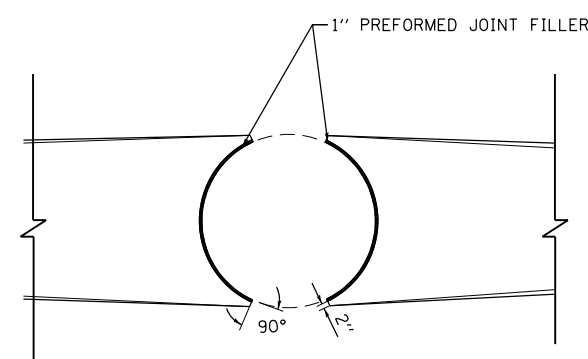
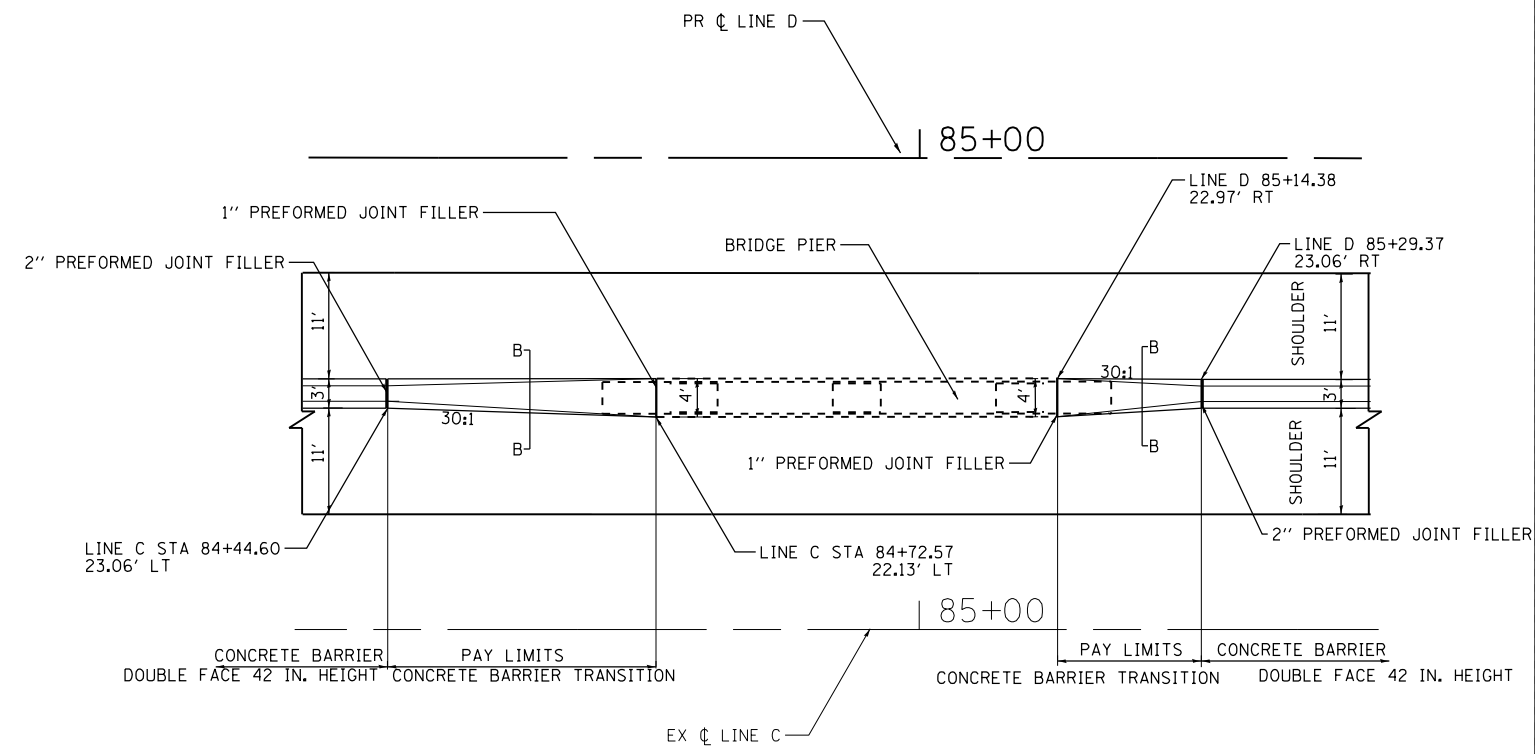
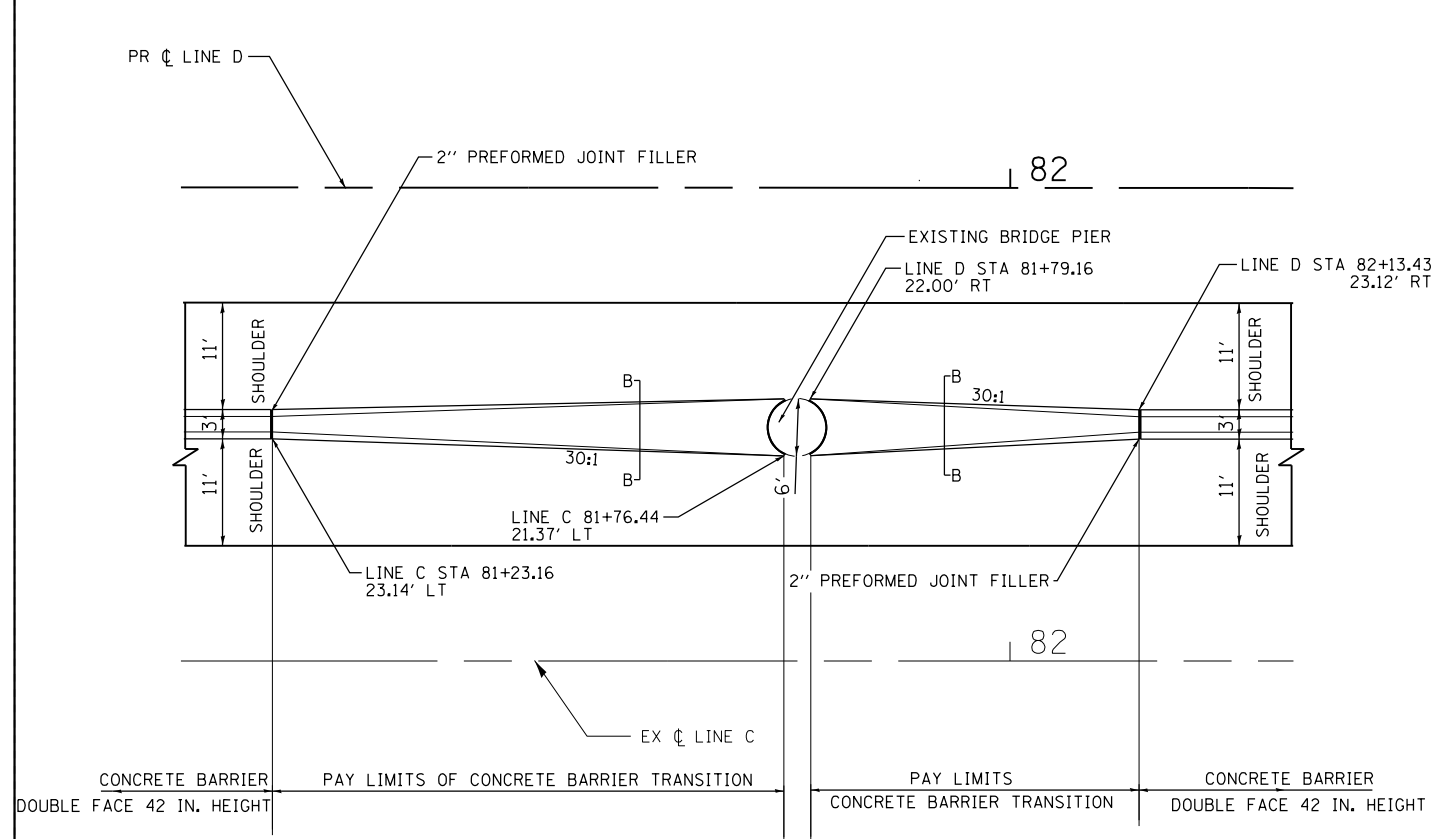
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN  
 STONY ISLAND EXTENSION**

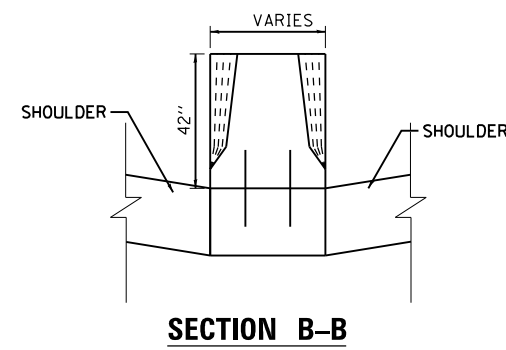
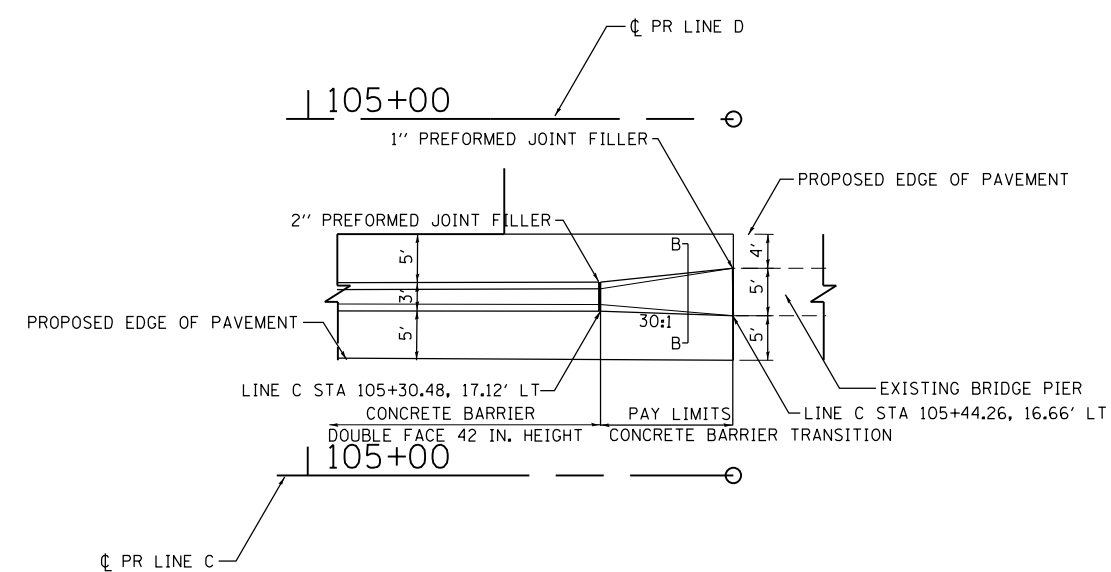
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	71
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

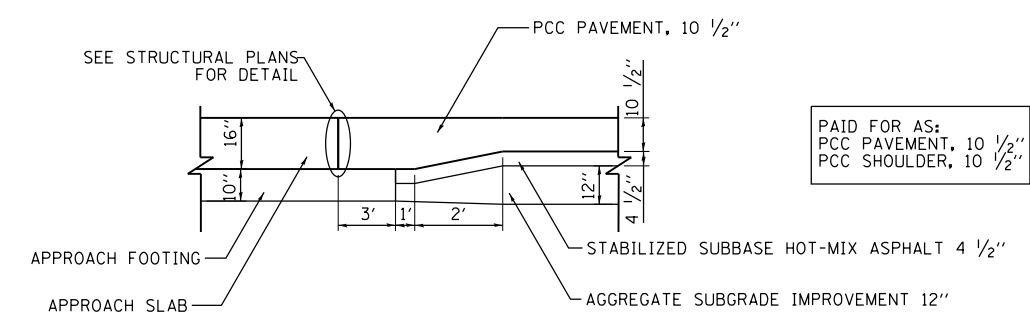
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**DETAIL OF CONCRETE BARRIER TRANSITION AT EXISTING ROUNDED PIER**



**SECTION B-B**



**SN 06-2440/2470 APPROACH TRANSITION**

PAID FOR AS:  
PCC PAVEMENT, 10 1/2"  
PCC SHOULDER, 10 1/2"

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*FILEL*		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE - 03/29/2013	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CONCRETE BARRIER TRANSITION DETAIL  
STONY ISLAND EXTENSION**

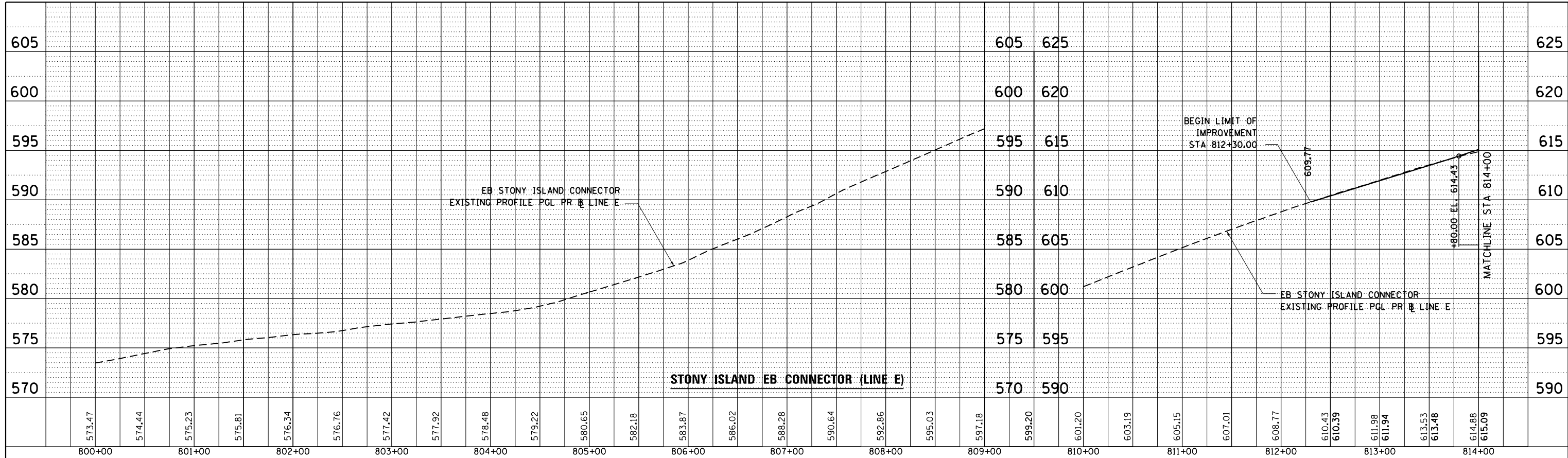
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	72
CONTRACT NO. 60J12				
ILLINOIS FED. AID PROJECT				

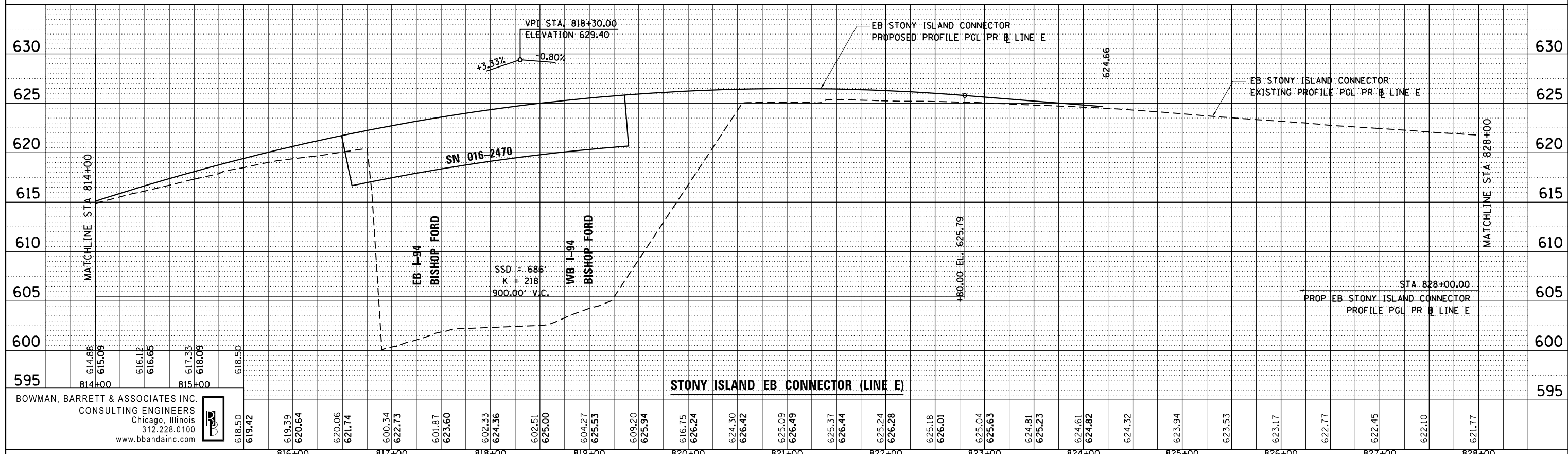
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	STRUCTURE NOTATIONS CHECKED		
NOTE BOOK NO.	CHECKED		
	FILE NAME		



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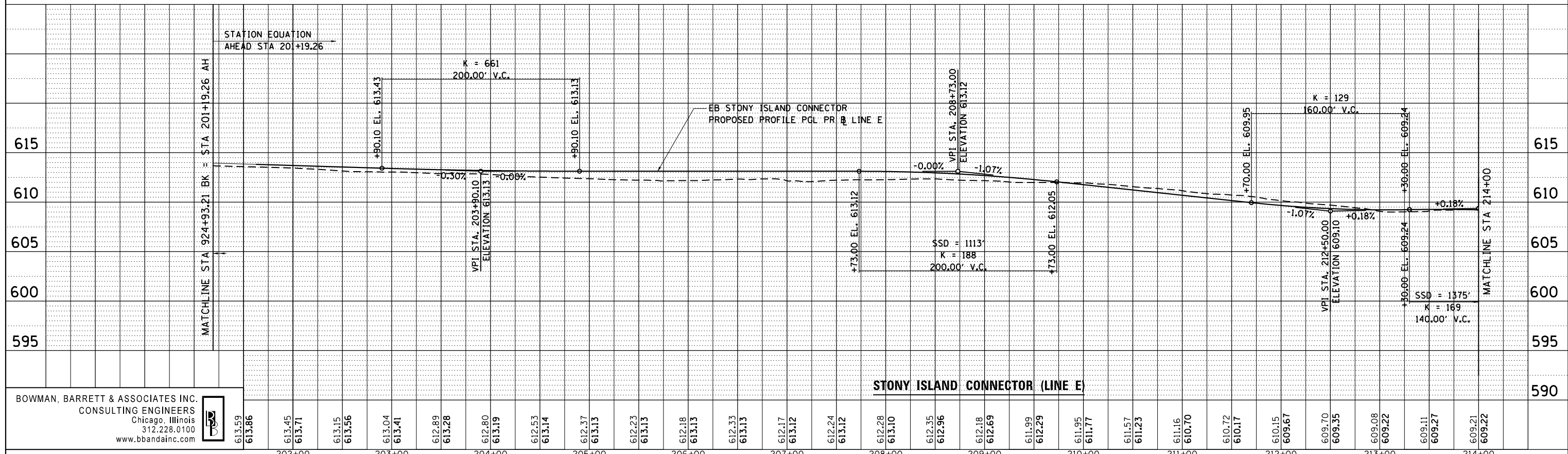
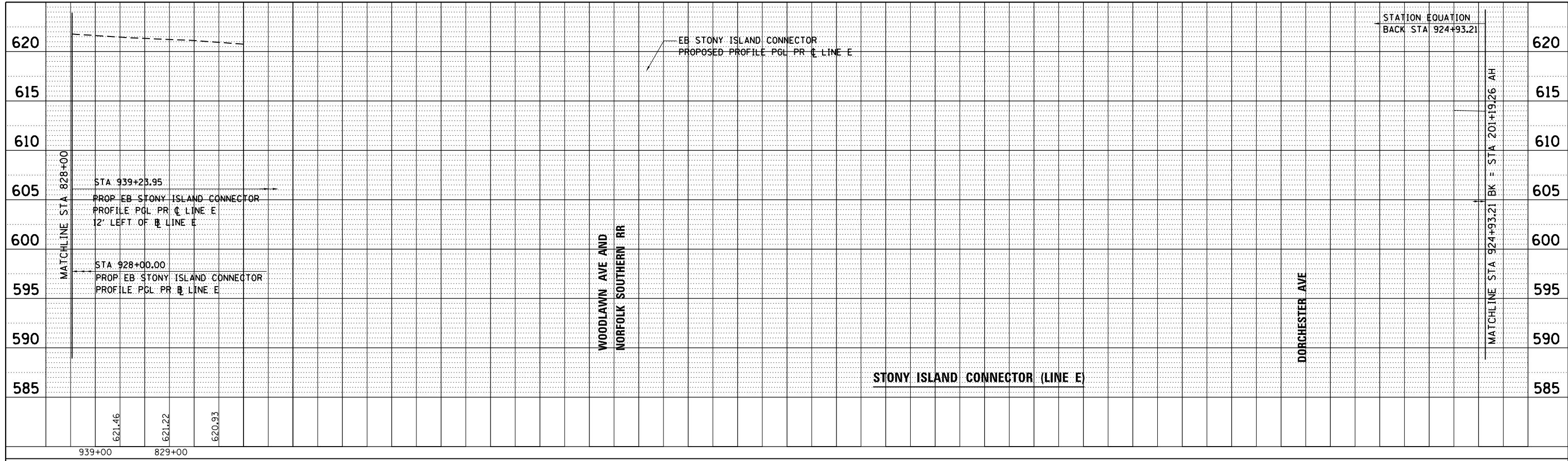


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		DATE - 03/29/2013	REVISED -								

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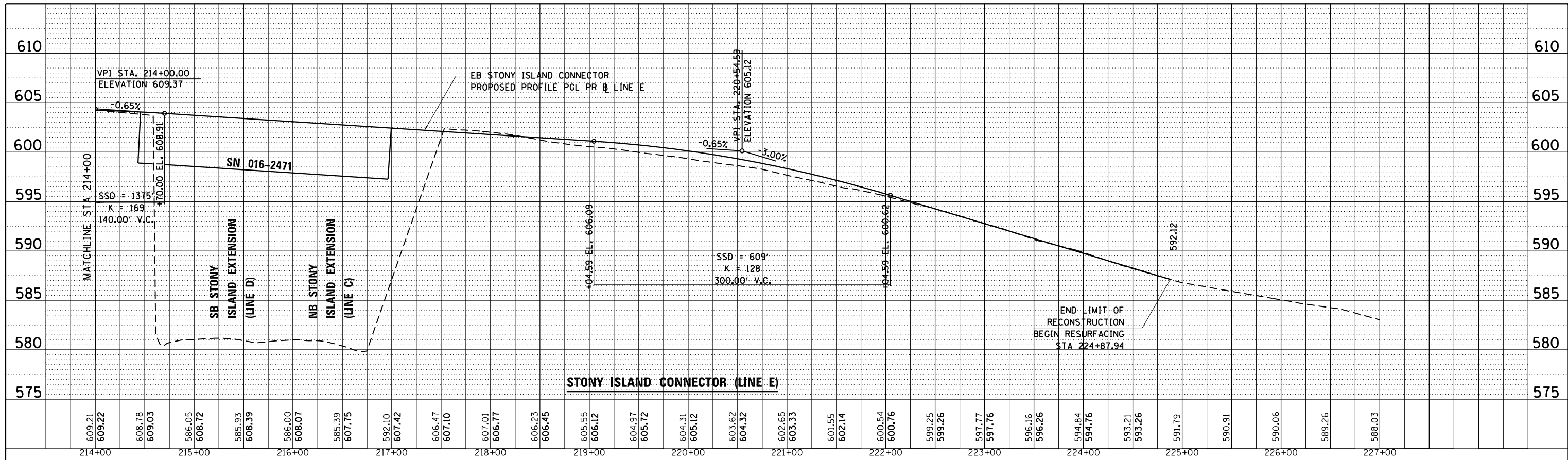
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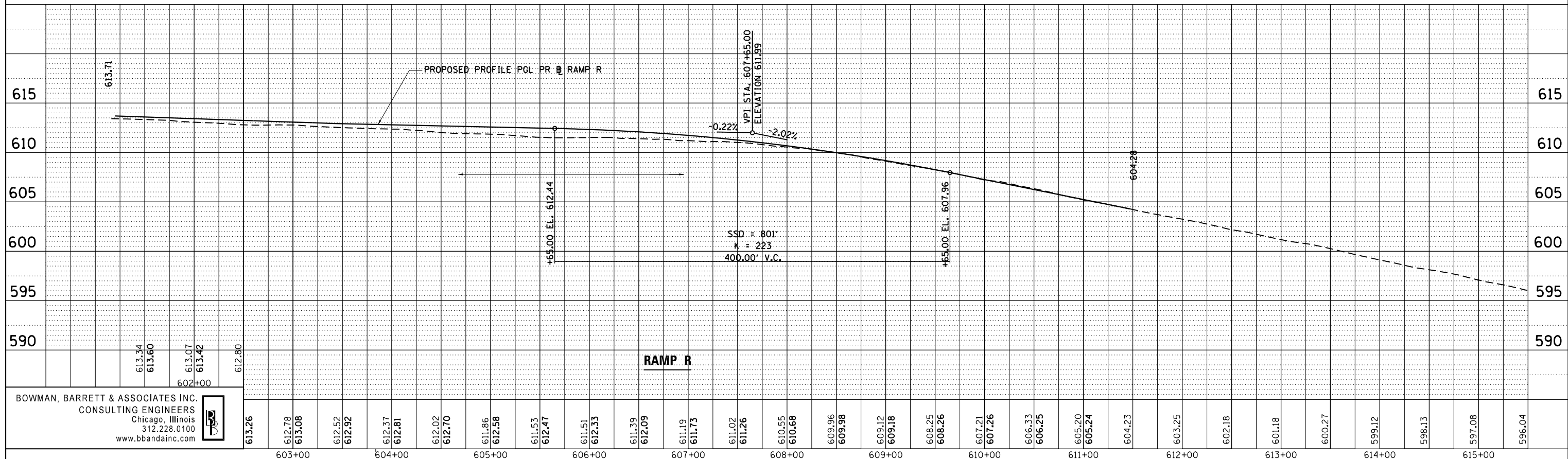
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	PLOT DATE = 3/29/2013	CHECKED - BK	REVISED -				STA. TO STA.				
		DATE - 03/29/2013	REVISED -								

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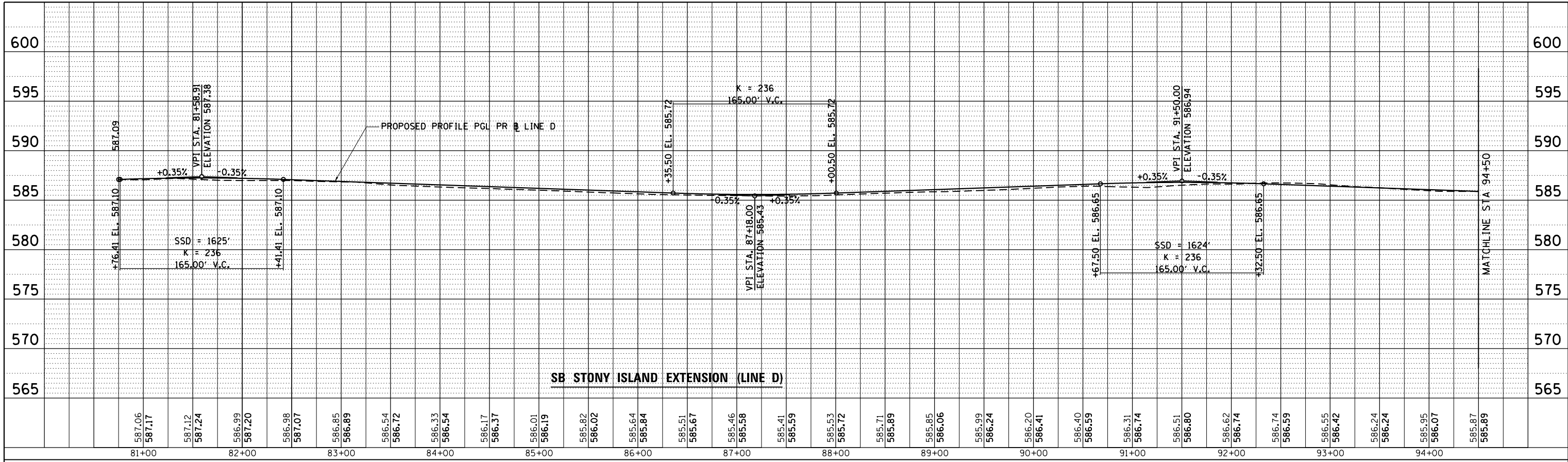
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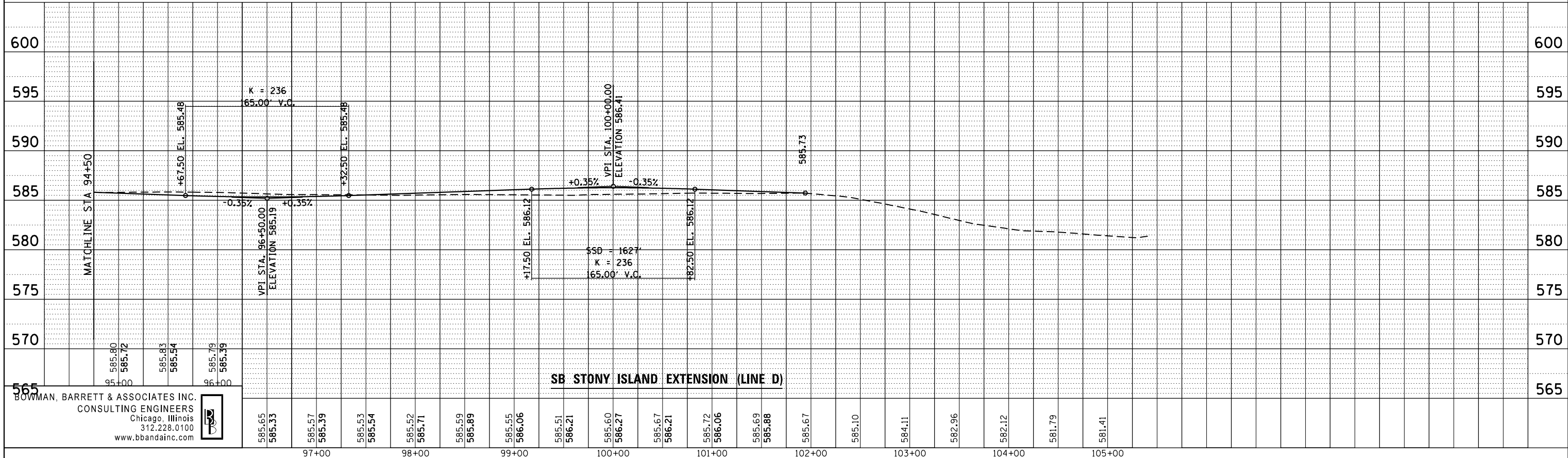
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FILE NAME =	USER NAME = default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b> <b>I-94 AT STONY ISLAND</b> <b>STONY ISLAND CONNECTOR (LINE E) AND RAMP R PROFILES</b>		F.A.I. RTE. 94	SECTION 2012-059-BR	COUNTY COOK	TOTAL SHEETS 631	SHEET NO. 75	
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		DATE - 03/29/2013	REVISED -								

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



PROFILE	SURVEYED	BY	DATE
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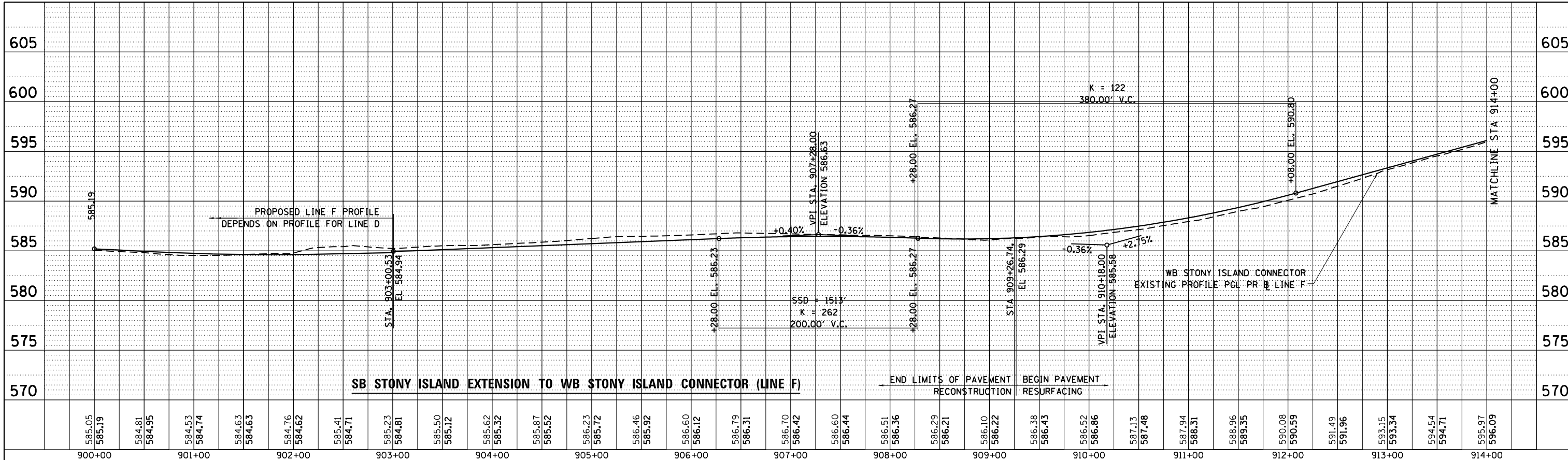


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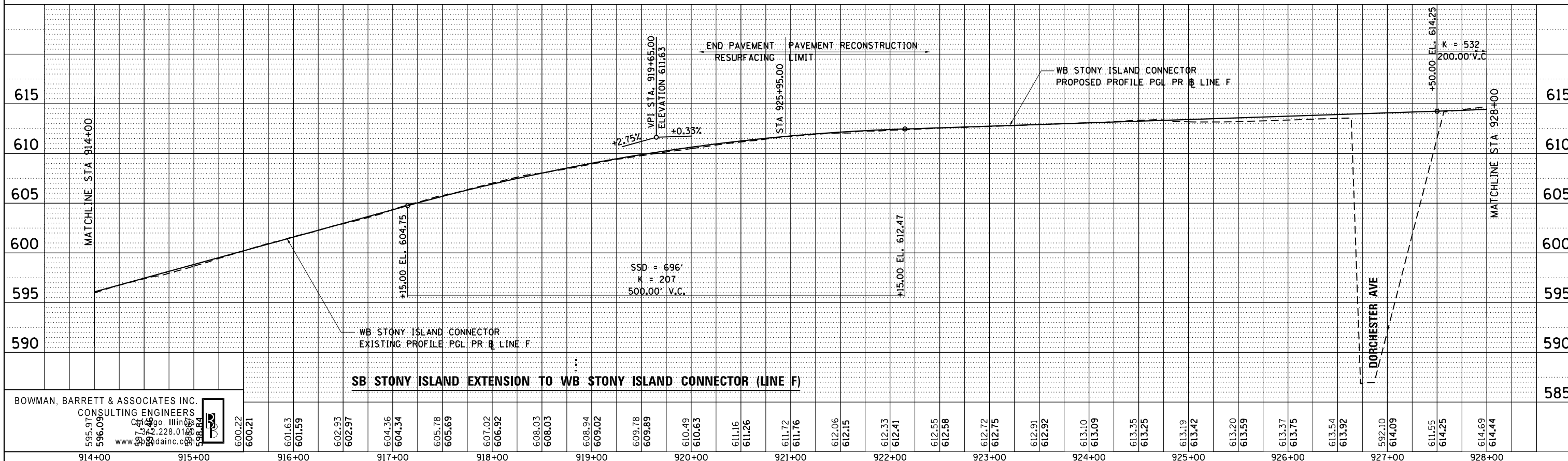


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	PLOT DATE = 3/29/2013	CHECKED - BK	REVISED -								
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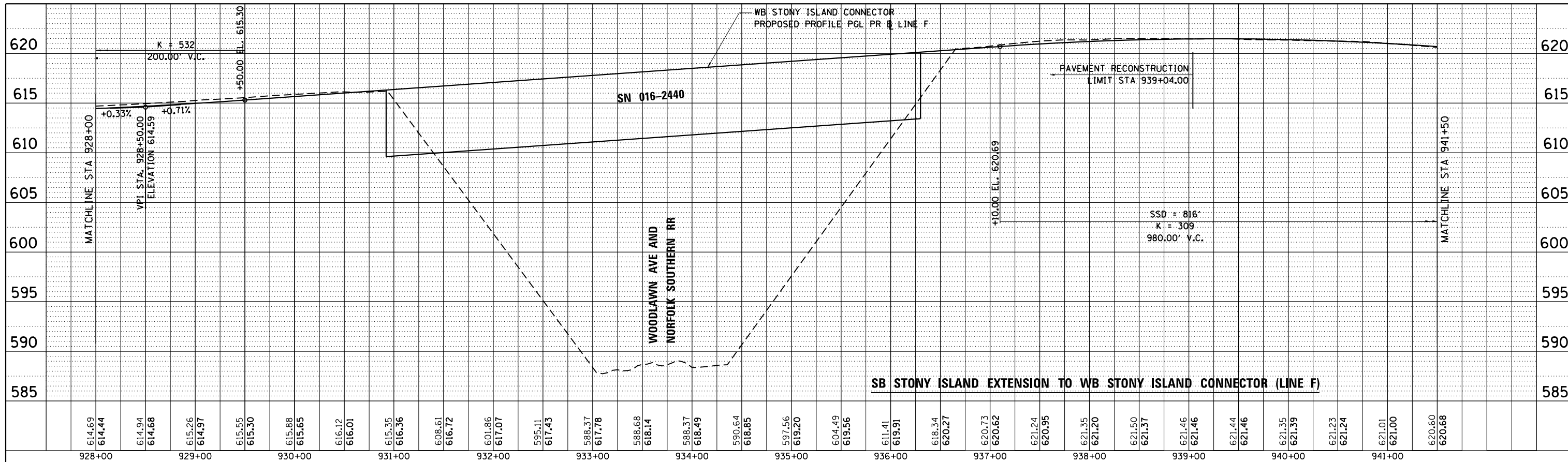
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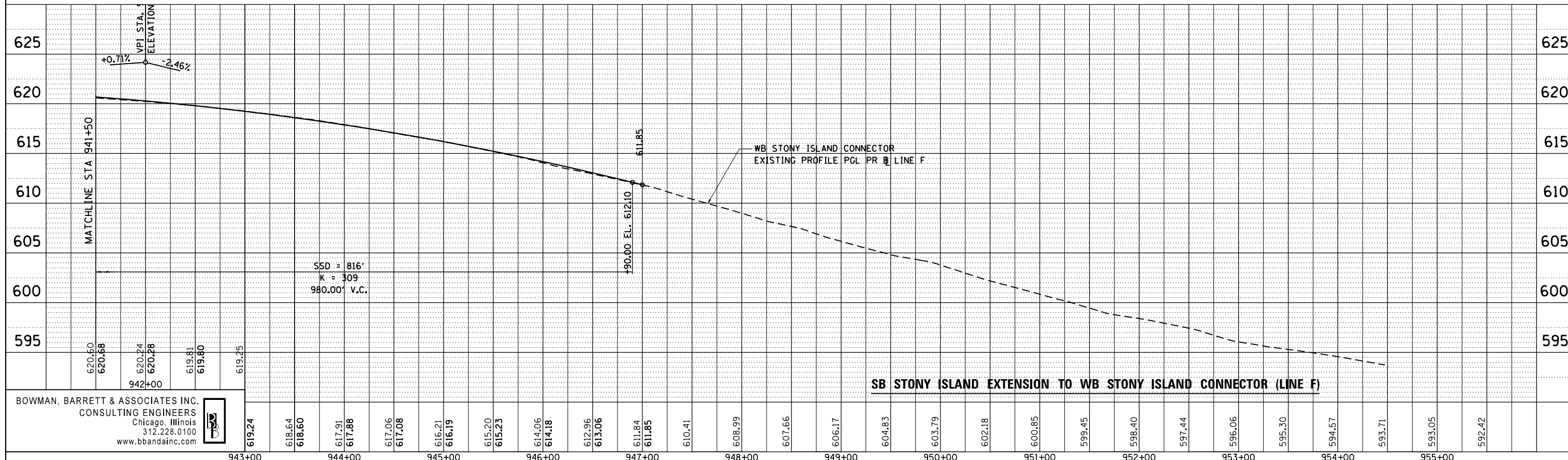
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FILE NAME =	USER NAME = default	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-94 AT STONY ISLAND STONY ISLAND CONNECTOR (LINE F)		F.A.I. RTE. 94	SECTION 2012-059-BR	COUNTY COOK	TOTAL SHEETS 631	SHEET NO. 77
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	PLOT DATE = 3/29/2013	CHECKED - BK	REVISED -								
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PLAN	SURVEYED	BY	DATE
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	NOTE BOOK		
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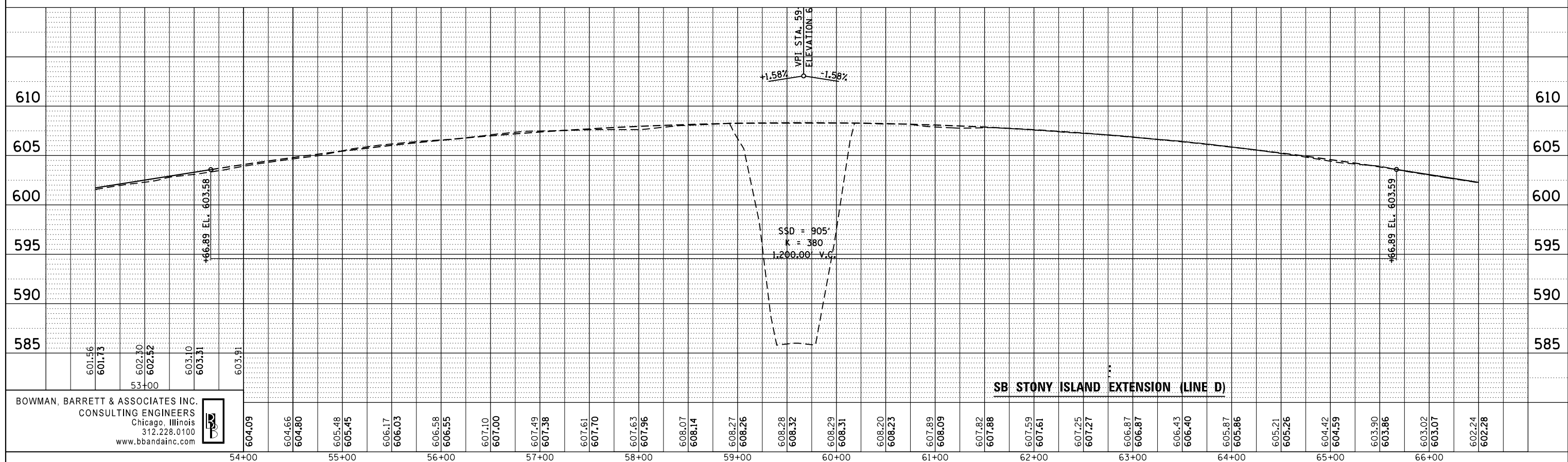
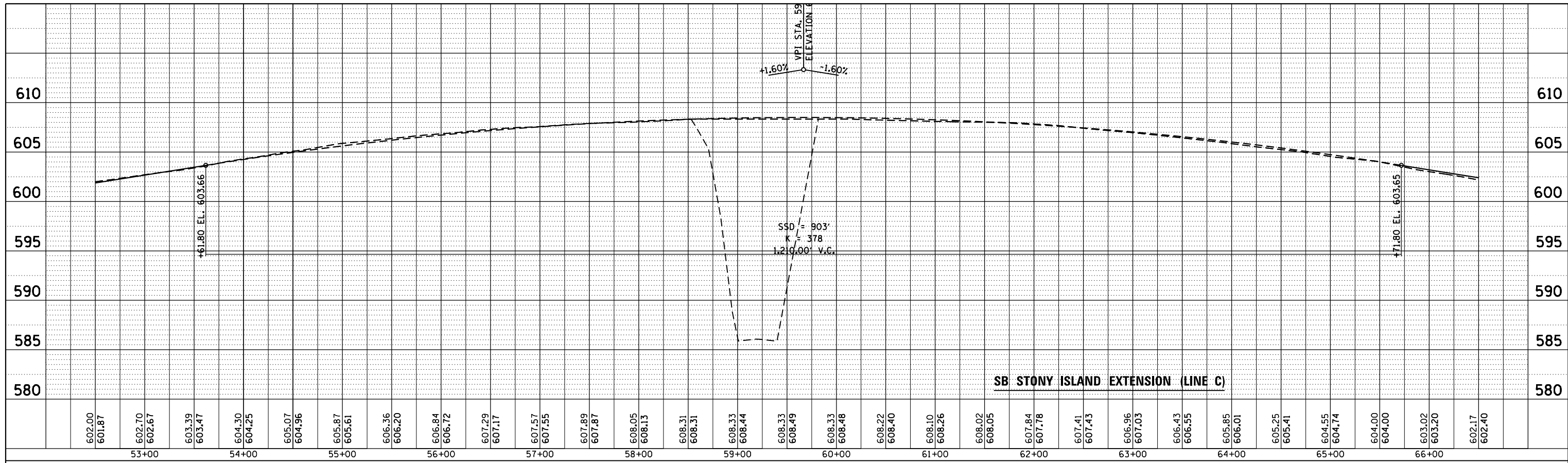
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	PLOT DATE = 3/29/2013	CHECKED - BK	REVISED -						ILLINOIS FED. AID PROJECT	
		DATE - 03/29/2013	REVISED -							

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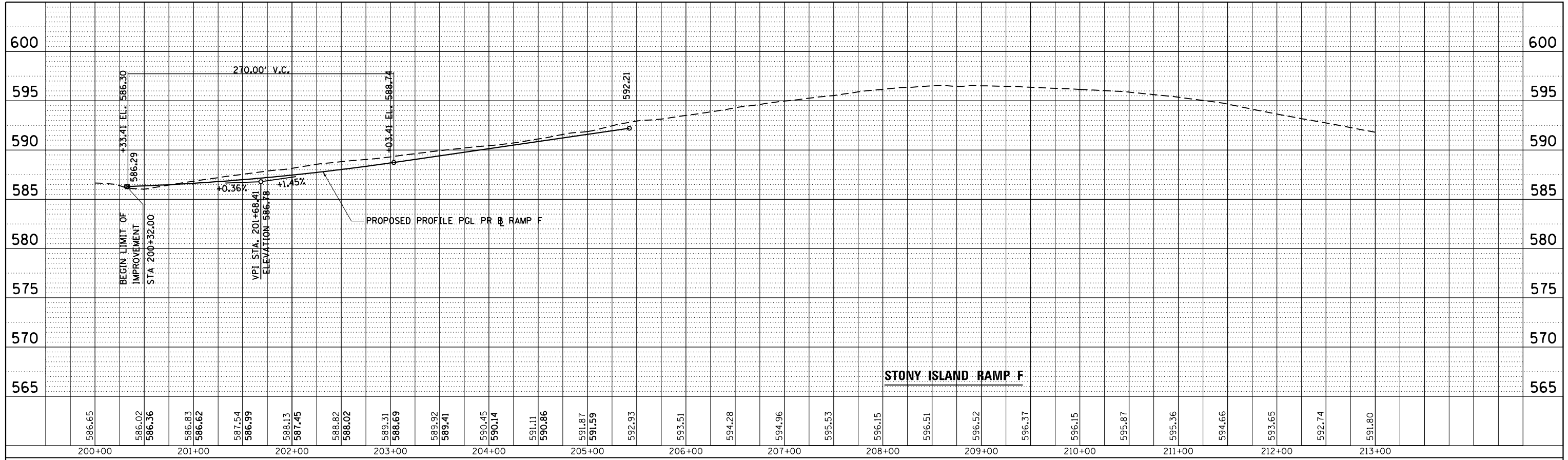


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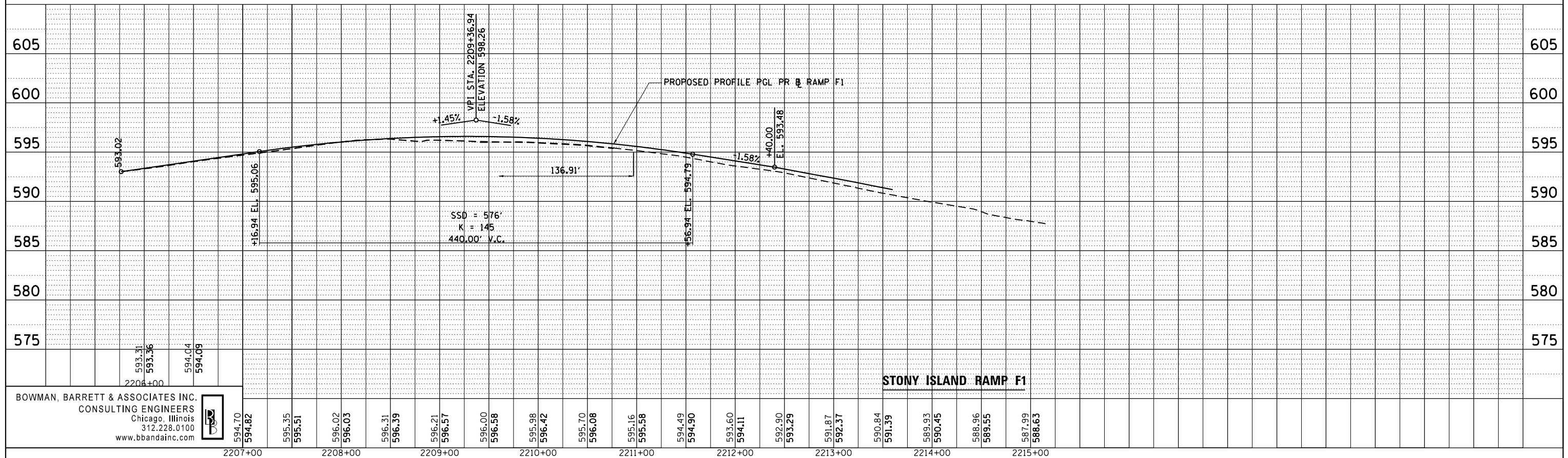


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*FILEL*	PLOT SCALE = *SCALE*	DRAWN - RA	REVISED -		SCALE: H <sub>1</sub> V <sub>1</sub> = 50'	SHEET NO. 7 OF 11 SHEETS	STA. TO STA.	CONTRACT NO. 60J12		ILLINOIS FED. AID PROJECT	
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

I-94 AT STONY ISLAND  
RAMP F AND RAMP F1

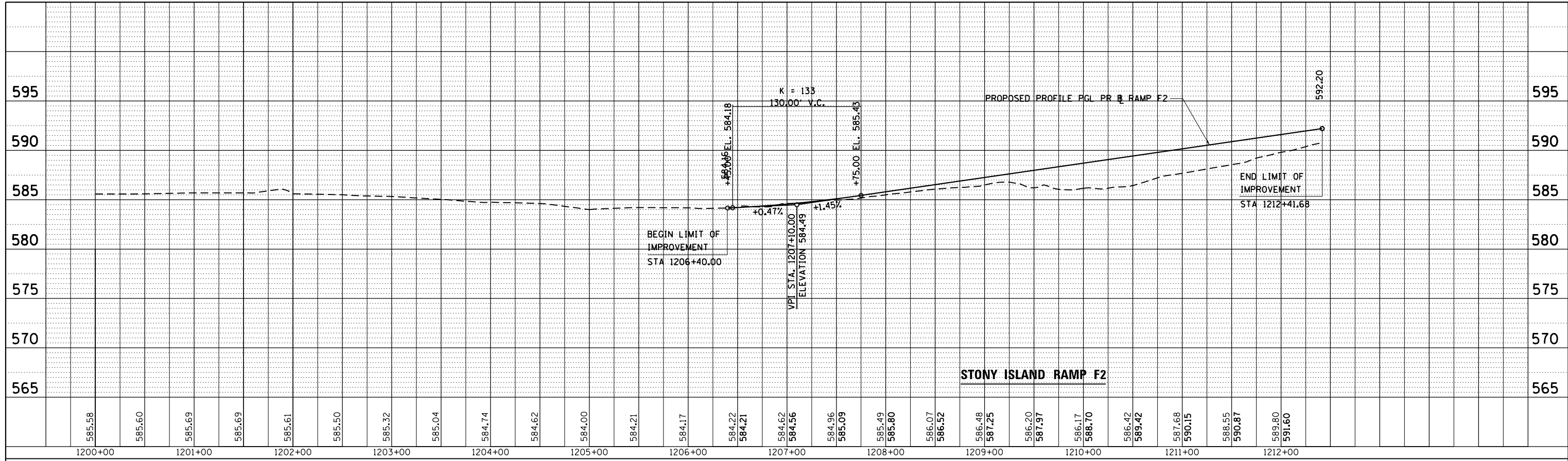
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V<sub>1</sub>"=2'  
SHEET NO. 8 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	80
CONTRACT NO. 60J12				
ILLINOIS FED. AID PROJECT				



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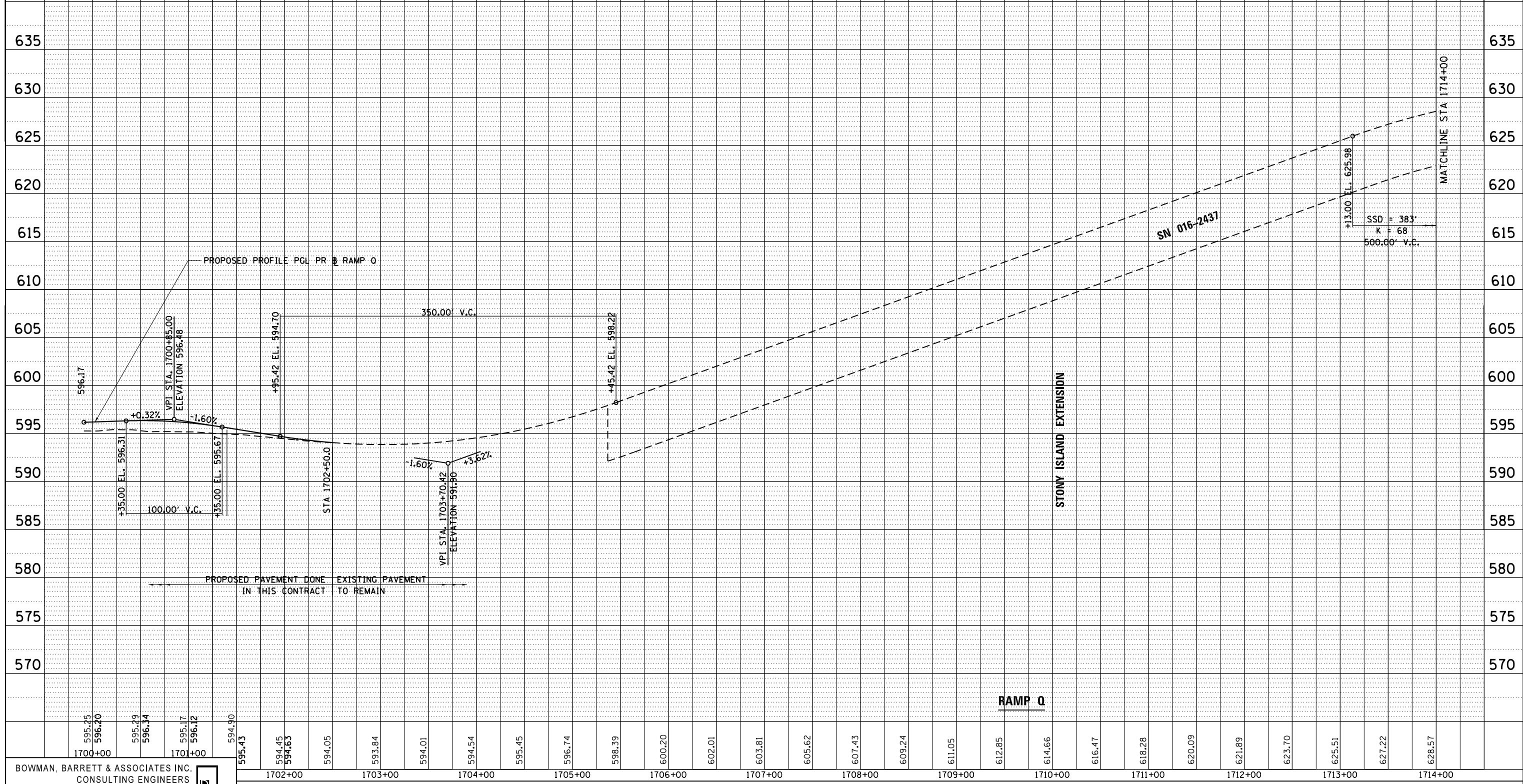
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*FILEL*	PLOT SCALE = *SCALE*	DRAWN - RA	REVISED -					94	2012-059-BR	COOK	631	81
	PLOT DATE = 3/29/2013	CHECKED - BK	REVISED -	H <sub>1</sub> = 50' V <sub>1</sub> = 2'		SHEET NO. 9 OF 11 SHEETS		STA.	TO STA.		CONTRACT NO. 60J12	
		DATE - 03/29/2013	REVISED -	ILLINOIS FED. AID PROJECT								

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	GRADES CHECKED		
	STRUCTURE		
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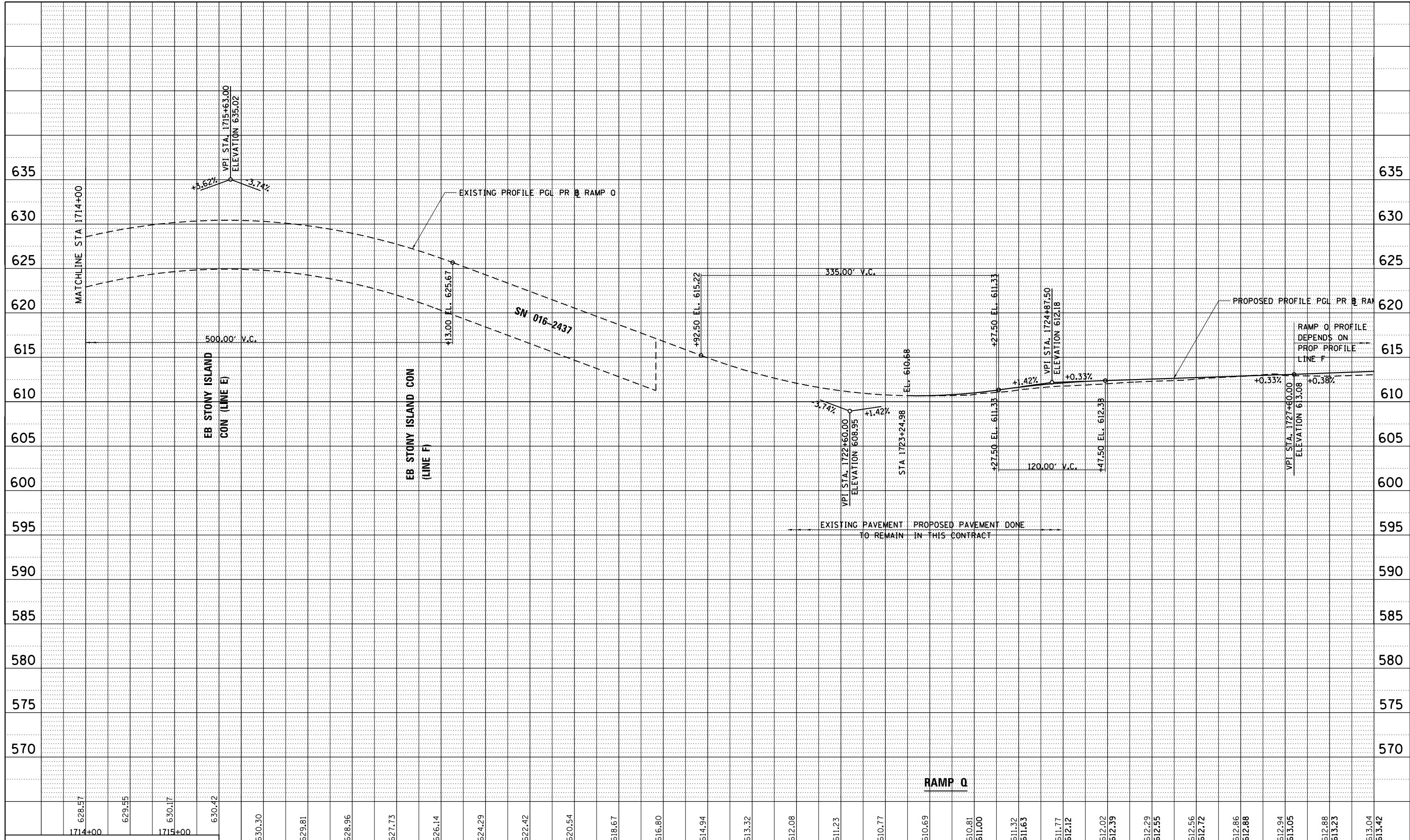
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DEPARTMENT OF TRANSPORTATION

I-94 AT STONY ISLAND RAMP Q			
SCALE: H <sub>1</sub> V <sub>1</sub> = 50'	SHEET NO. 10 OF 11 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	82
CONTRACT NO. 60J12				
ILLINOIS FED. AID PROJECT				

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	CARD FILE NAME		

PROFILE	SURVEYED	BY	DATE
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	STRUCTURE		
	NOTATIONS CHECKED		



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1714+00	1715+00	1716+00	1717+00	1718+00	1719+00	1720+00	1721+00	1722+00	1723+00	1724+00	1725+00	1726+00	1727+00	1728+00
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	PLOT DATE = 3/29/2013	DATE - 03/29/2013	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

I-94 AT STONY ISLAND RAMP Q	
SCALE: H <sub>1</sub> "=50' V <sub>1</sub> "=2'	SHEET NO. 11 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	83
CONTRACT NO. 60J12			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 THE I-94 EXPRESSWAY, STONY ISLAND, AND RAMPS ARE IN ACCORDANCE WITH APPLICABLE IDOT DISTRICT 1 STANDARDS, IDOT HIGHWAY STANDARDS, AND THESE CONTRACT DRAWINGS ARE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)", 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.
- 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 (EXPRESSWAYS)".
- ⑦ TEMPORARY CONCRETE BARRIER MUST BE CONTINUOUSLY PINNED ALONG THE TRAFFIC SIDE WHERE A HAZARD EXISTS WITHIN 3.5 FEET BEHIND OF THE TEMPORARY CONCRETE BARRIER; THE BARRIER SHALL BE ANCHORED TO THE PAVEMENT. ANCHORING OF THE TEMPORARY CONCRETE BARRIER WILL NOT BE MEASURED FOR PAYMENT BUT IS INCLUDED IN THE CONTRACT UNIT PRICE FOR "TEMPORARY CONCRETE BARRIER" AND "RELOCATE TEMPORARY CONCRETE BARRIER".
- ⑧ IF BASE OF THE TEMPORARY CONCRETE BARRIER IS 12 INCHES OR LESS FROM THE TRAVEL LANE, THEN THE BASE OF THE BARRIER WALL WILL ALSO HAVE A 6 INCH WIDE TEMPORARY PAVEMENT MARKING. THE PAVEMENT MARKING EDGE LINE WILL BE YELLOW WHEN THE BARRIER IS TO THE LEFT OF THE TRAVEL LANE AND WHITE WHEN ON THE RIGHT SIDE. THE TEMPORARY PAVEMENT MARKING WILL BE PAID AS, "TEMPORARY PAVEMENT MARKING, 6"
- ⑨ INSTALL GLARE SCREEN BLADES ON THE TEMPORARY CONCRETE BARRIER AT CROSSOVERS AND WHERE THE TEMPORARY CONCRETE BARRIER DIVIDES TRAFFIC IN OPPOSITE DIRECTIONS, PAY AS "MODULAR GLARE SCREEN SYSTEM"
- ⑩ 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. DISTRICT 1 DETAIL TC-08 AND/OR CHANGEABLE MESSAGE SIGNS SHALL BE USED IN ADVANCE OF RAMP WORK AND RAMP CLOSURE. THESE SIGNS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "TEMPORARY INFORMATION SIGNING" OR "CHANGEABLE MESSAGE SIGN".
- ⑪ 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 (EXPRESSWAYS)" AND WILL NOT BE PAID FOR SEPARATELY.
- ⑫ THERE ARE NO DRAWINGS FOR PRE-STAGE 1. TEMPORARY PAVEMENT INSTALLED FOR TRAFFIC STAGING WILL BE PAID AS "TEMPORARY PAVEMENT". THE REMOVAL OF THE TEMPORARY PAVEMENT WILL BE PAID AS "PAVEMENT REMOVAL".
- ⑬ "RELOCATE TEMPORARY CONCRETE BARRIER" WILL BE MEASURED FOR PAYMENT WHEN THE BARRIER IS RELOCATED AND USED AS A TRAFFIC CONTROL DEVICE. THERE MAY BE SOME INSTANCES WHEN THE EXISTING TEMPORARY CONCRETE BARRIER REQUIRES RELOCATION DUE TO THE CONTRACTORS ACTIVITIES BUT THE BARRIER WILL NOT BE USED FOR MAINTENANCE OF TRAFFIC DURING THAT STAGE. THIS BARRIER WILL NOT BE MEASURED FOR PAYMENT UNTIL IT IS USED AS A TRAFFIC CONTROL DEVICE IN A SUBSEQUENT STAGE.
- ⑭ FOR BETTER VISIBILITY IN THE MOT PLANS, THE TEMPORARY CHEVRON MARKINGS ARE NOT DRAWN, INSTEAD A NOTE POINTS TO THE TEMPORARY GORE
- ⑮ FOR THE EXISTING SIGNING REMOVAL, SEE SIGNING AND PAVEMENT MARKINGS PLAN SHEETS.
- ⑯ FOR TEMPORARY INFORMATION SIGNING DETAILS, SEE SHEETS 141 TO 143. PAID AS "TEMPORARY INFORMATION SIGNING"
- ⑰ 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 PORTABLE CHANGEABLE MESSAGE SIGNS:
- ⑱ ANY RAISED REFLECTIVE PAVEMENT MARKERS THAT CONFLICT WITH THE TEMPORARY TRAFFIC LANES MUST HAVE THE REFLECTIVE LENSES REMOVED, AS DIRECTED BY THE RESIDENT ENGINEER. MEASURE OF PAYMENT FOR REMOVAL OF REFLECTORS IS INCLUDED IN THE CONTRACT UNIT PRICE FOR "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAY)"

PROP @ LINE E	1
WB I-94	1
EB I-94	1
LINE F	1
SB LINE D	2
NB LINE C	2
RAMP D	1
RAMP F2	1
103RD STREET	1

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**STAGING OVERVIEW**

**PRE-STAGE 1A**

INSTALL TEMPORARY PAVEMENT ALONG RAMP E, STA 220+83.7 TO STA 870+08.6  
 INSTALL TEMPORARY PAVEMENT ALONG PR LINE D, STA 98+25.0 TO STA 100+00.0  
 INSTALL TEMPORARY PAVEMENT ALONG PROP @ LINE E, STA 819+43.72 TO STA 820+80.0  
 INSTALL TEMPORARY PAVEMENT ALONG RAMP O, STA 1722+46.8 TO STA 1724+00.0

**STAGE 1**

NB TRAFFIC FROM I-94 TO NB STONY ISLAND EXTENSION  
 - ONE LANE GOES TO 103RD STREET  
 - THE OTHER LANE CROSSES OVER TO THE SB STONY ISLAND SIDE EXTENSION, AROUND STA 45+00 MEASURED FROM EX @ LINE C, CONTINUES TO AROUND STA 64+00 WHERE LANE CROSSES BACK OVER TO NB STONY ISLAND. AROUND STA 73+00, TWO LANES ARE OPEN DURING DAY TIME AND THE LEFT LANE IS CLOSED DURING NIGHT TIME

WORK TO BE PERFORMED ON NB STONY ISLAND EXTENSION  
 - SCARIFICATION AND OVERLAY, STA 47+00 +/- TO STA 67+65 +/-  
 - INSIDE LANE SCARIFICATION, STA 72+00 TO STA 105+44.35  
 - MIDDLE LANE SCARIFICATION, STA 75+00 TO STA 86+50  
 - FULL DEPTH REHABILITATION OF INSIDE SHOULDER NORTH OF BRIDGE TO STA 63+44.9 AND MEDIAN SHOULDER REHABILITATION FROM STA 72+00.0 TO STA 105+44.35

NB TRAFFIC RAMP F2  
 - RAMP CLOSED TO TRAFFIC  
 - TRAFFIC WILL TEMPORARY USE THE TEMPORARY PAVEMENT BUILT IN THE NORTHEAST CORNER OF 103RD STREET AND RAMP F  
 - TRAFFIC IS TEMPORARY SHIFTED TO THE LEFT SIDE OF RAMP F1

WORK TO BE PERFORMED ON RAMP F2  
 - FULL DEPTH REHABILITATION OF RAMP F2 FROM STA 1206+40 TO STA 1212+41.68  
 - FULL DEPTH REHABILITATION OF RIGHT HALF OF RAMP F1

RAMP O TRAFFIC  
 - RAMP OPEN TO TRAFFIC. MOT TRAFFIC SHIFTED TO THE LEFT AT THE BEGINNING OF THE RAMP AND TO THE RIGHT WHEN IT MERGES WITH LINE F

WORK TO BE PERFORMED ON RAMP O  
 - FULL DEPTH REHABILITATION OF RAMP O, 9' RT SIDE OF 16' LANE, AND RIGHT SHOULDER, STA 1699+90.98 TO STA 1702+50.0

LINE E TRAFFIC  
 - RAMP OPEN TO TRAFFIC. MOT TRAFFIC SHIFTED TO THE LEFT SIDE OF THE RAMP, STA 812+30 TO STA 824+20  
 - RAMP OVER I-90 TRAFFIC COMPLETELY CLOSED DURING A WEEKEND. SEE SPECIAL PROVISIONS FOR DATE. MOT TRAFFIC TO FOLLOW TEMPORARY DETOUR, SEE SHEET 144  
 - LINE E CLOSED TO TRAFFIC, 11' MOT LANE CROSSES OVER TO LINE F SIDE. LINE F: MOT 2-WAY TRAFFIC, ONE LANE IN EACH DIRECTION DIVIDED BY TEMPORARY CONCRETE BARRIER  
 - LINE E TRAFFIC OVER STONY ISLAND EXTENSION IS SHIFTED TO THE LEFT SIDE OF THE RAMP

WORK TO BE PERFORMED ON LINE E  
 - FULL DEPTH REHABILITATION OF LINE E, STA 812+30 TO STA 825+82  
 - THE RAMP OVER I-94 IS COMPLETELY CLOSED FOR TRAFFIC FOR SOME BRIDGE WORK  
 - FULL DEPTH REHABILITATION OF STONY ISLAND CONNECTION (LINE E), 2 LANES AND OUTSIDE SHOULDER, STA 938+70 TO STA 936+72.84; BRIDGE STA 936+72.84 TO STA 930+73.30; INSIDE SHOULDER TO 6" TO THE RIGHT UNDER THE PROPOSED MEDIAN BARRIER, 2 LANES AND OUTSIDE SHOULDER  
 - FULL DEPTH REHABILITATION OF LINE E OVER STONY ISLAND EXTENSION, 16' LANE AND RIGHT SHOULDER, STA 209+00 TO STA 224+87.94. CONTINUE OUTSIDE PAVEMENT TO STA 226+45.66  
 - SCARIFICATION AND OVERLAY RIGHT HALF OF RAMP FROM STA 224+87.94 TO STA 870+00.0

RAMP R TRAFFIC  
 - RAMP OPEN TO TRAFFIC. MOT TRAFFIC SHIFTED TO THE LEFT

WORK TO BE PERFORMED ON RAMP R  
 - FULL DEPTH REHABILITATION OF 16' LANE AND RIGHT SHOULDER OF RAMP R, STA 601+16.17 TO STA 611+47.6

**SUB STAGE 1A**

MAINTENANCE OF TRAFFIC AND WORKZONE KEPT THE SAME AS IN STAGE 1, EXCEPT FOR THE FOLLOWING:

NB TRAFFIC FROM I-94 TO NB STONY ISLAND EXTENSION  
 - SAME AS STAGE 1

WORK TO BE PERFORMED ON NB STONY ISLAND EXTENSION  
 - SAME AS STAGE 1, EXCEPT THAT WORK HAS TO BE COMPLETED BETWEEN STA 95+00.0 TO STA 105+44.34

RAMP O TRAFFIC  
 - RAMP OPEN TO TRAFFIC. MOT TRAFFIC SHIFTED TO THE RIGHT AT THE BEGINNING OF THE RAMP AND MOT LANE WHEN IT MERGES

WORK TO BE PERFORMED ON RAMP O  
 - FULL DEPTH REHABILITATION OF GORE OF RAMP O WITH RAMP F1; 7' SECOND HALF OF RAMP O, STA 1699+90.98 TO STA 1702+50.0

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SUB STAGE 1A

RAMP F1 TRAFFIC

- RAMP OPEN TO TRAFFIC. MOT TRAFFIC SHIFTED TO THE RIGHT

WORK TO BE PERFORMED ON RAMP F1

- FULL DEPTH REHABILITATION 9' RT SIDE OF PROP 16' RAMP LANE FROM STA 2208+73.0 TO STA 2213+18.6 AND FULL VARIABLE WIDTH FROM STA 2213+18.6 TO STA 2215+17.02

LINE E TRAFFIC

- LINE E TRAFFIC SAME AS STAGE 1

WORK TO BE PERFORMED ON LINE E

- ADDITIONAL TO STAGE 1, INCLUDE THE SCARIFICATION AND OVERLAY TO RIGHT HALF OF RAMP FROM STA 870+00.0 TO STA 873+36.8
- ADDITIONAL TO STAGE 1, INCLUDE THE FULL DEPTH REHABILITATION FROM STA 204+90.0 TO STA 209+00.0
- LINE E PAVEMENT LANE, INSIDE AND OUTSIDE SHOULDER TO BE COMPLETED FROM STA 925+00 TO STA 204+90.0

RAMP R TRAFFIC

- RAMP OPEN TO TRAFFIC. MOT TRAFFIC SHIFTED TO THE RIGHT ON THE NEW PAVEMENT RAMP

WORK TO BE PERFORMED ON RAMP R

- FULL DEPTH REHABILITATION OF LEFT SHOULDER OF RAMP R, STA 601+16.17 TO STA 611+47.6

STAGE 2

NB TRAFFIC FROM I-94 TO NB/SB STONY ISLAND EXTENSION

- ONE LANE GOES TO 103RD STREET AND THE OTHER LANE IS MAINTAIN IN THE NB STONY ISLAND EXTENSION
- 2 OPPOSITE LANES OF TRAFFIC ARE MAINTAINED IN THE NB STONY ISLAND EXTENSION FROM STA 51+65.9 TO STA 65+00.0
- THE SB MOT LANE COMING FROM THE SB STONY ISLAND EXTENSION CROSSES OVER TO THE NB SIDE AROUND STA 68+00 AND CROSSES BACK AROUND STA 51+00
- TRAFFIC NORTH OF STA 68+00, ONE LANE OPEN IN EACH DIRECTION IN ITS CORRESPONDING SIDE.
- IN THE NB SIDE, 2 LANES ARE OPEN NORTH OF STA 80+00. TWO LANES ARE OPEN DURING DAY TIME AND THE RIGHT LANE IS CLOSED DURING NIGHT TIME
- IN THE SB SIDE, 2 LANES ARE OPEN TO TRAFFIC UP TO STA 102+50, WHERE THE OUTSIDE LANE BECOMES AN EXIT ONLY RAMP TO LINE F. ONE SB LANE CONTINUES SOUTH PAST THIS EXIT

WORK TO BE PERFORMED ON NB/SB STONY ISLAND EXTENSION

- SCARIFICATION AND OVERLAY OF SB STONY ISLAND EXTENSION, STA 48+52.7 +/- TO STA 80+74.8
- FULL DEPTH REHABILITATION OF SB STONY ISLAND EXTENSION INSIDE SHOULDER AND BARRIER INSTALLATION NORTH OF BRIDGE TO STA 63+66.0 AND FULL DEPTH REHABILITATION OF OUTSIDE LANE AND SHOULDER FROM STA 97+94.6 TO STA 101+94.15, THEN NORTH OF THIS POINT ONLY THE OUTSIDE SHOULDER TO THE PROJECT LIMIT
- IN THE NB SIDE, REMOVE THE EXTRA OUTSIDE PAVEMENT AND DO THE OUTSIDE SHOULDER FROM STA 79+84.30 TO STA 95+29
- SCARIFICATION AND OVERLAY OF NB OUTSIDE LANE EXTENSION, STA 79+84.30 TO STA 103+00

NB TRAFFIC RAMP F2

- RAMP OPEN TO TRAFFIC

WORK TO BE PERFORMED ON RAMP F2

- RAMP WORK COMPLETED

RAMP Q TRAFFIC

- RAMP OPEN TO TRAFFIC. MOT TRAFFIC SHIFTED TO THE RIGH AT THE BEGINNING OF THE RAMP AND TO THE LEFT WHEN IT MERGES WITH LINE F. TRAFFIC RIDES ON TEMPORARY PAVEMENT FOR 100'

WORK TO BE PERFORMED ON RAMP Q

- FULL DEPTH REHABILITATION OF RAMP Q, 9' RT SIDE OF 16' LANE, AND RIGHT SHOULDER, STA 1723+24.3 TO STA 1725+25.0

LINE E/LINE F TRAFFIC

- RAMP OPEN TO TRAFFIC. MOT TRAFFIC SHIFTED TO THE RIGHT SIDE OF THE RAMP, STA 812+30 TO STA 828+00
- RAMP OVER I-90 TRAFFIC COMPLETELY CLOSED DURING A WEEKEND. SEE SPECIAL PROVISIONS FOR DATE. MOT TRAFFIC TO FOLLOW TEMPORARY DETOUR, SEE SHEET

- LINE E SIDE OPEN TO TRAFFIC, 2-WAY MOT TRAFFIC, ONE LANE IN EACH DIRECTION DIVIDED BY TEMPORARY CONCRETE BARRIER
- LINE F TRAFFIC CROSSES OVER TO LINE E SIDE AROUND STATIONS 925+00 AND 939+00
- LINE E TRAFFIC OVER STONY ISLAND EXTENSION IS SHIFTED TO THE RIGHT SIDE OF THE RAMP

WORK TO BE PERFORMED ON LINE E/LINE F

- FULL DEPTH REHABILITATION OF LINE E, STA 812+30 TO STA 824+20
- THE RAMP OVER I-94 IS COMPLETELY CLOSED FOR TRAFFIC FOR SOME BRIDGE WORK
- FULL DEPTH REHABILITATION OF STONY ISLAND CONNECTION (LINE F), 2 LANES AND INSIDE AND OUTSIDE SHOULDER, STA 923+60 TO STA 939+04; BRIDGE STA 936+72.84 TO STA 930+73.30; MEDIAN BARRIER INSTALLATION DONE IN NEXT SUBSTAGE 2B
- FULL DEPTH REHABILITATION OF LINE E OVER STONY ISLAND EXTENSION, 16' LANE AND LEFT SHOULDER, STA 207+00 TO STA 224+87.94.
- SCARIFICATION AND OVERLAY LEFT HALF OF RAMP E FROM STA 224+87.94 TO STA 874+53.0
- TEMPORARY PAVEMENT ALONG LINE F, STA 906+24.6 TO STA 909+26.75, SEE SHEET 130

RAMP R TRAFFIC

- RAMP OPEN TO TRAFFIC WITH A 12' MOT LANE

WORK TO BE PERFORMED ON RAMP R

- COMPLETED IN PREVIOUS STAGE

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SUB STAGE 2A

MAINTENANCE OF TRAFFIC AND WORKZONE KEPT THE SAME AS IN STAGE 2, EXCEPT FOR THE FOLLOWING:

- NB TRAFFIC FROM I-94 TO NB/SB STONY ISLAND EXTENSION
- TWO LANES OPEN AT EACH SIDE OF THE EXTENSION

WORK TO BE PERFORMED ON NB/SB STONY ISLAND EXTENSION

- EXISTING CROSSEOVERS REMOVED
- EXTRA OUTSIDE SHOULDER REMOVED ALONG LINE D SOUTH OF 103RD STREET
- FULL DEPTH REHABILITATION AND EXTRA EXISTING OUTSIDE PAVEMENT REMOVED FROM LINE D STA 80+74.82 TO STA 95+00.0
- OVERLAY AND SCARIFICATION OF OUTSIDE LINE C PAVEMENT, STA 100+60 TO STA 105+44.34

NB TRAFFIC RAMP F

- MOT TRAFFIC LANE SHIFTED TO THE RIGHT SIDE

WORK TO BE PERFORMED ON RAMP F

- FULL DEPTH REHABILITATION OF OF OUTSIDE SHOULDER AND REMOVAL OF EXISTNG OUTSIDE PAVEMENT OF RAMP F AND F1 FROM NORTH OF 103RD STREET TO RAMP F1 STA 2207+00.0

NB TRAFFIC LINE F RAMP

- MOT TRAFFIC LANE SHIFTED TO THE RIGHT SIDE, WHERE RAMP DIVERGES FROM SB STONY ISLAND (LINE D)

WORK TO BE PERFORMED ON LINE F RAMP

- FULL DEPTH REHABILITATION OF THE LEFT SHOULDER AND OVERLAY AND GORE ARE WITH SB STONY ISLAND (LINE D)

SUB STAGE 2A-1

THIS IS A SUBSTAGE WITHIN SUBSTAGE A. SWITH TRAFFIC AS SHOWN IN SHEET NO. 133 ONCE SN 016-2440 IS OPEN TO TRAFFIC

NB TRAFFIC LINE F RAMP

- MOT TRAFFIC LANE SHIFTED TO THE RIGHT SIDE;
- MOT LANE CONTINUES ON PROP STONY ISLAND CONNECTOR (LINE F)

WORK TO BE PERFORMED ON LINE F RAMP

- FULL DEPTH REHABILITATION OF THE LEFT SHOULDER AND OVERLAY AND SCARIFICATION OF 16' LANE
- FULL DEPTH REHABILITATION OF GORE AREA BETWEEN LINE F AND LINE E; AND LANE WIDTH OF LINE F STA 920+95 TO STA 923+60.0

RAMP Q TRAFFIC

- RAMP OPEN TO TRAFFIC. RAMP TRAFFIC MERGES WITH LINE F TRAFFIC

WORK TO BE PERFORMED ON RAMP Q

- COMPLETED

SUB STAGE 2B

MOST OF THE FINAL PAVEMENT MARKINGS CAN BE INSTALLED IN THE STONY ISLAND EXTENSION AND TRAFFIC OPEN UNDER NORMAL CONDITIONS

NB TRAFFIC LINE F RAMP

- MOT TRAFFIC LANE SHIFTED TO THE LEFT SIDE

WORK TO BE PERFORMED ON LINE F RAMP

- FULL DEPTH REHABILITATION OF THE RIGHT SHOULDER AND REMOVAL OF EXISTING PAVEMENT
- FULL DEPTH REHABILITATION OF GORE AREA BETWEEN LINE F AND RAMP Q

LINE E/LINE F TRAFFIC

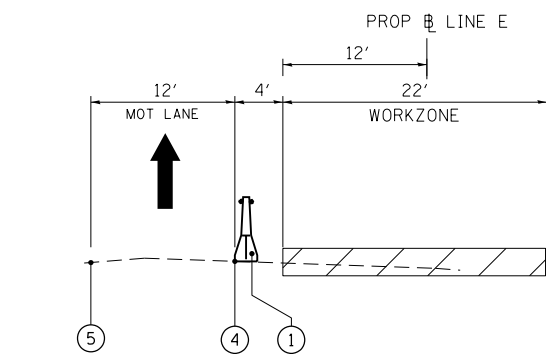
- RAMP LINE E OVER I-94 OPEN TO TRAFFIC UNDER NORMAL CONDITIONS
- STONY ISLAND CONNECTOR, LINE E AND F HAVE 2 MOT LANES OPEN EACH. THE MOT LANES ARE SHIFTED TO THE OUTSIDE. AT THE LEFT SIDE, LOOKING IN DIRECTION OF TRAFFIC, THERE IS A TEMPORARY CONCRETE BARRIER

WORK TO BE PERFORMED ON LINE E/LINE F

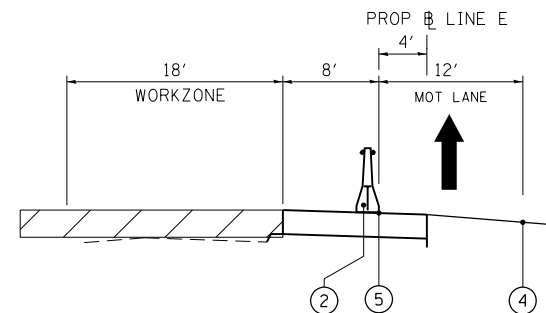
- FULL DEPTH REHABILITATION OF MEDIAN AT THE STONY ISLAND CONNECTOR, STA 936+66 TO STA 944+03
- INSTALL MEDIAN BARRIER AT THE STONY ISLAND CONNECTOR, STA 922+20 TO STA 930+68, TO THE BRIDGE)

SCALE: NTS		SHEET NO. 2 OF 2 SHEETS		STA. TO STA.		F.A.I. RTE.		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.	
						94		2012-059-BR		COOK		631		85	
												CONTRACT NO. 60J12			
												ILLINOIS FED. AID PROJECT			

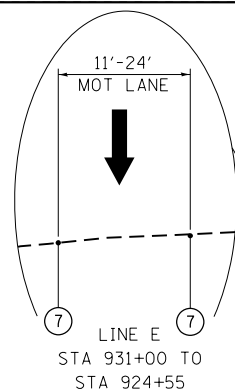
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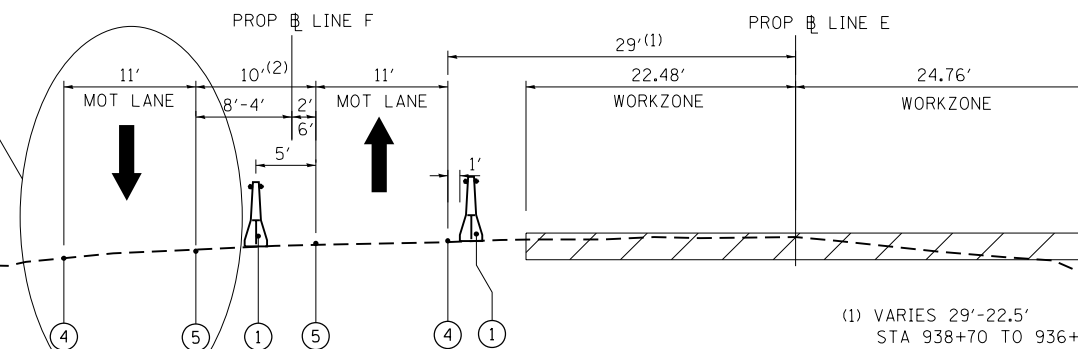
STAGE 1 - LINE E  
LOOKING INCREASING STATION  
STA 812+30 TO STA 815+34  
STA 821+10 TO STA 824+20



STAGE 2 - LINE E  
LOOKING INCREASING STATION  
STA 812+30 TO STA 815+34  
STA 821+10 TO STA 824+20

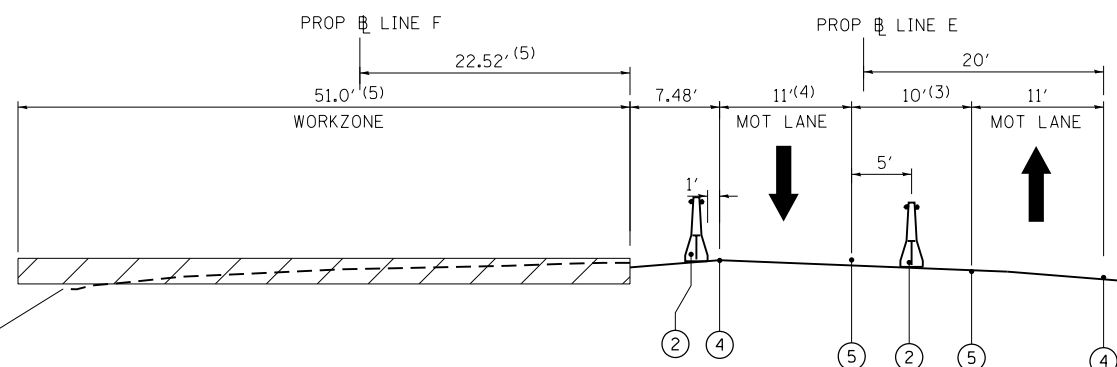


LINE E  
STA 931+00 TO  
STA 924+55



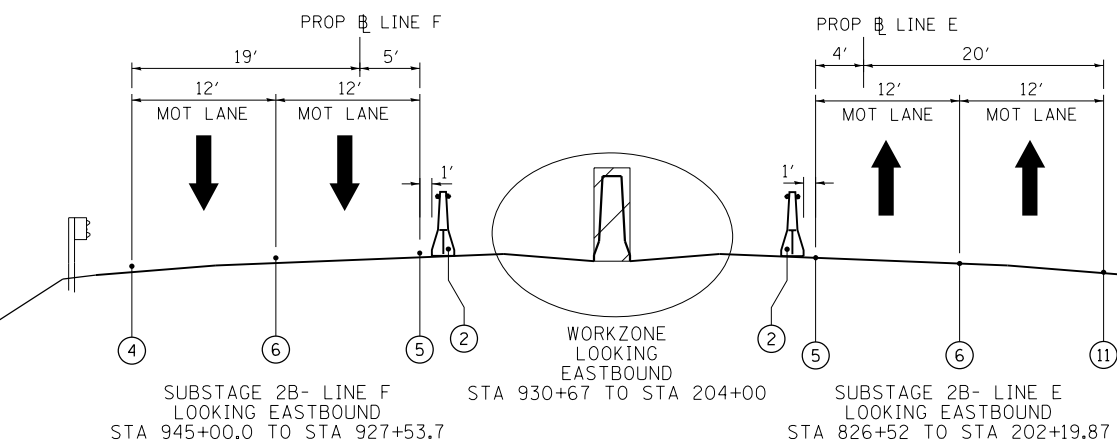
STAGE 1 AND SUBSTAGE 1A - LINE E  
LOOKING EASTBOUND  
STA 938+70 TO STA 924+50  
OMIT BRIDGES

- (1) VARIES 29'-22.5'  
STA 938+70 TO 936+64.3
- (2) VARIES 15'-10'  
STA 938+70 TO 936+64.3



STAGE 2 - LINE E  
LOOKING EASTBOUND  
STA 938+70 TO STA 925+00  
OMIT BRIDGES  
SUBSTAGE 2A - LINE E  
LOOKING EASTBOUND  
STA 938+70 TO STA 929+88.9  
OMIT BRIDGES

- STAGE 2
- (3) VARIES 17.5'-10'  
STA 938+70 TO 937+50.0
- (4) VARIES 11'-23'  
STA 926+35.7 TO 202+65.3
- SUBSTAGE 2A
- (5) WORKZONE IS REDUCED  
SEE MOT PLAN AT THIS SUBSTAGE

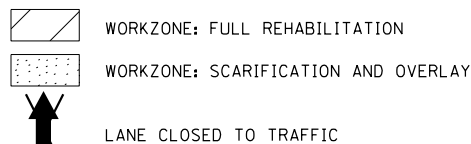


WORKZONE  
LOOKING EASTBOUND  
STA 940+44.58 TO STA 936+66.79

WORKZONE  
LOOKING EASTBOUND  
STA 940+44.58 TO STA 936+66.79

**LEGEND**

- ① TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- ② RELOCATE TEMPORARY CONCRETE BARRIER
- ③ DRUMS AT 50'C-C WITH BIDIRECTIONAL STEADY BURN LIGHTS
- ④ PAVEMENT MARKING TAPE, TYPE III 4" WHITE
- ⑤ PAVEMENT MARKING TAPE, TYPE III 4" YELLOW
- ⑥ PAVEMENT MARKING TAPE, TYPE III 5" WHITE, 10' DASH 30' SKIP
- ⑦ PAVEMENT MARKING TAPE, TYPE III 8" WHITE
- ⑧ TEMPORARY PAVEMENT MARKING-LINE 6"
- ⑨ WORK ZONE PAVEMENT MARKING REMOVAL
- ⑩ FINAL PAVEMENT MARKINGS, SEE SHEETS
- ⑪ INSTALLED IS PREVIOUS STAGE
- ⑫ TEMPORARY PAVEMENT  
TEMP PAVT (INTERSTATE) (HMA BINDER IL-19.0mm), 10"  
HMA SURFACE COURSE, MIX "D", N70 (IL 9.5mm), 2"



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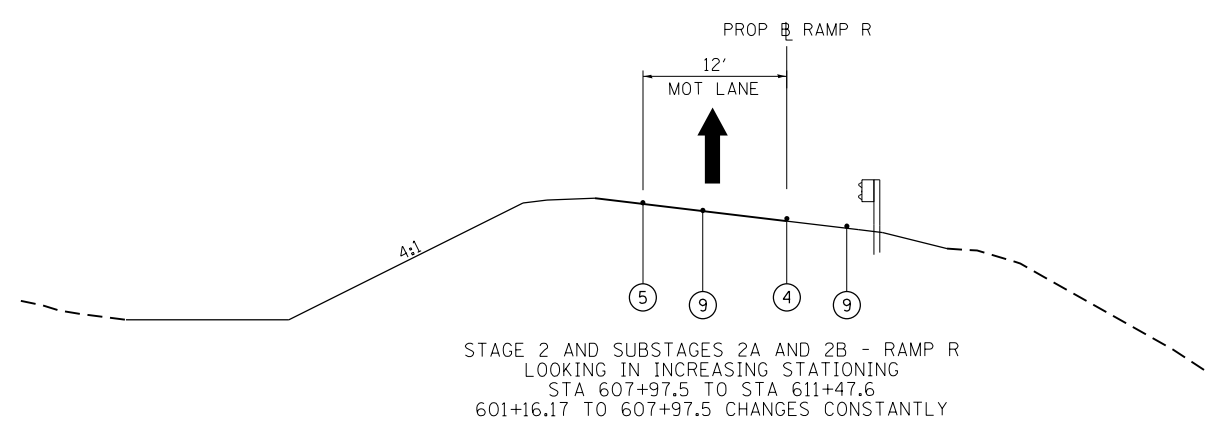
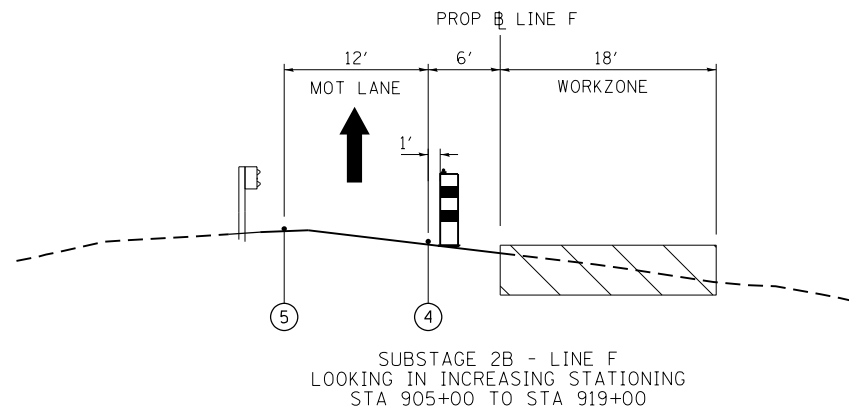
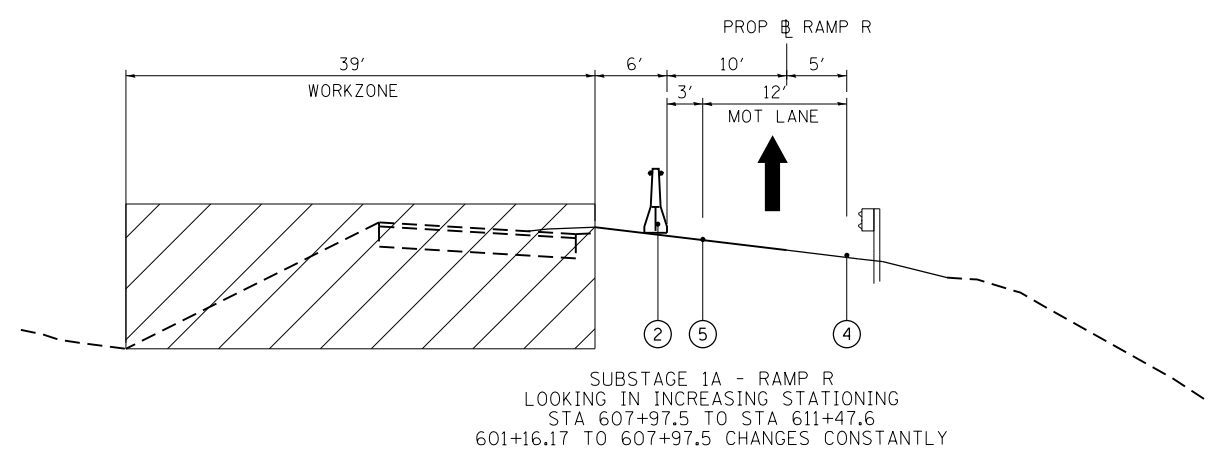
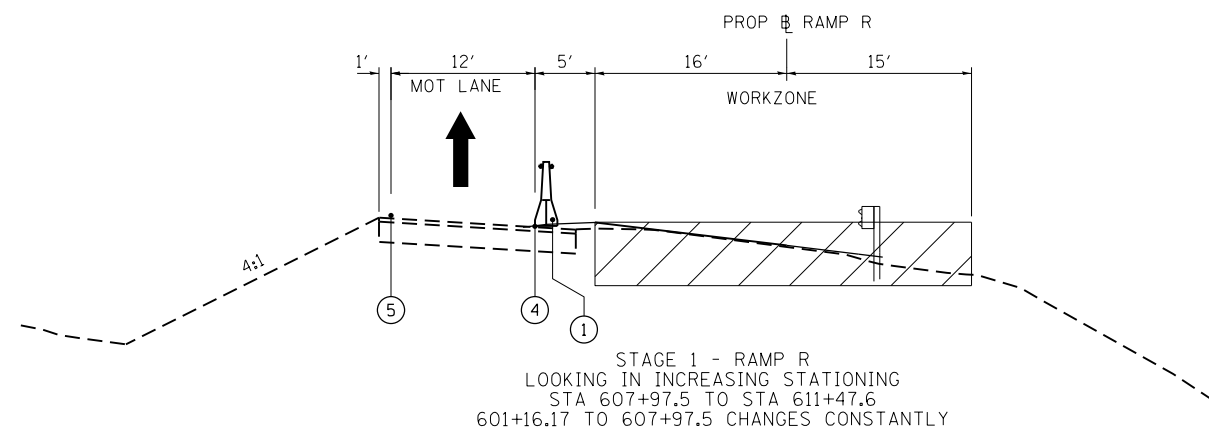
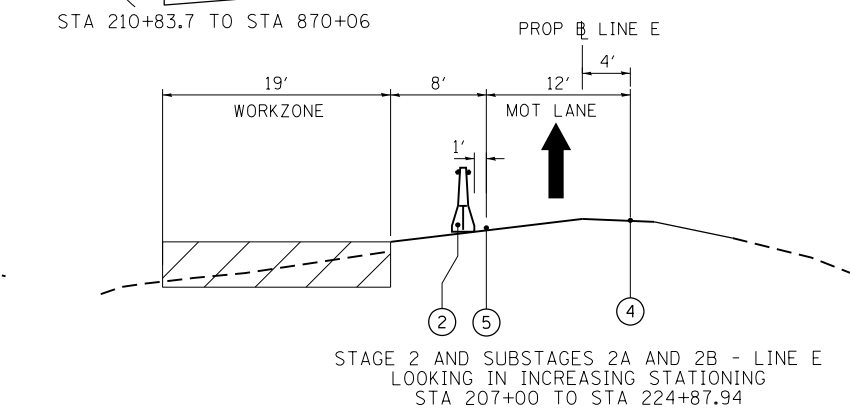
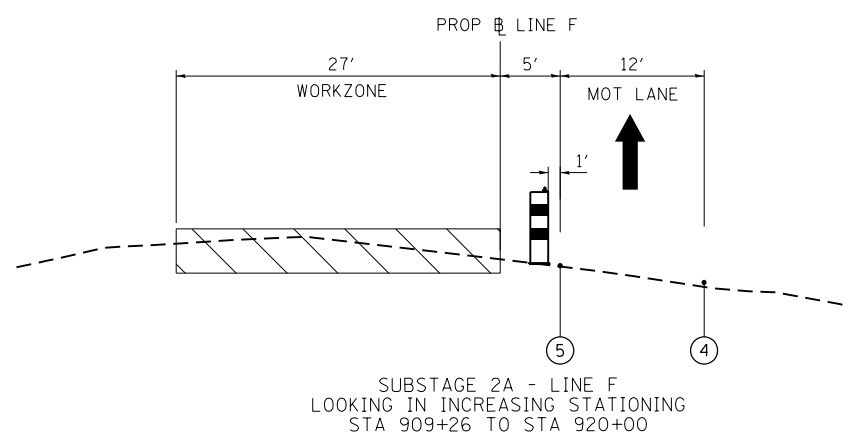
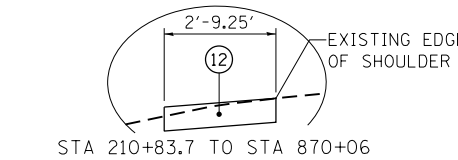
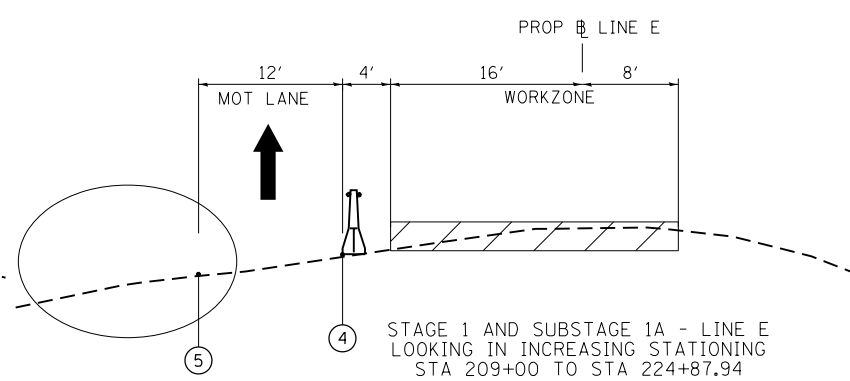
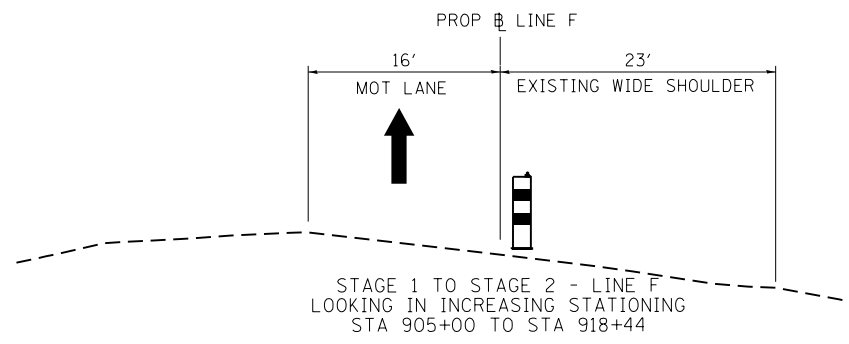
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - TYPICAL SECTIONS**

SCALE: NA SHEET NO. 1 OF 6 SHEETS STA. NA TO STA. NA

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	86
CONTRACT NO. 60J12				
ILLINOIS FED. AID PROJECT				

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- LEGEND**
- ① TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
  - ② RELOCATE TEMPORARY CONCRETE BARRIER
  - ③ DRUMS AT 50'C-C WITH BIDIRECTIONAL STEADY BURN LIGHTS
  - ④ PAVEMENT MARKING TAPE, TYPE III 4" WHITE
  - ⑤ PAVEMENT MARKING TAPE, TYPE III 4" YELLOW
  - ⑥ PAVEMENT MARKING TAPE, TYPE III 5" WHITE, 10' DASH 30' SKIP
  - ⑦ PAVEMENT MARKING TAPE, TYPE III 8" WHITE
  - ⑧ TEMPORARY PAVEMENT MARKING-LINE 6"
  - ⑨ WORK ZONE PAVEMENT MARKING REMOVAL
  - ⑩ FINAL PAVEMENT MARKINGS, SEE SHEETS
  - ⑪ INSTALLED IS PREVIOUS STAGE
  - ⑫ TEMPORARY PAVEMENT  
TEMP PAVT (INTERSTATE) (HMA BINDER IL-19.0mm), 10"  
HMA SURFACE COURSE, MIX "D", N70 (IL 9.5mm), 2"
- WORKZONE: FULL REHABILITATION  
 WORKZONE: SCARIFICATION AND OVERLAY  
 LANE CLOSED TO TRAFFIC

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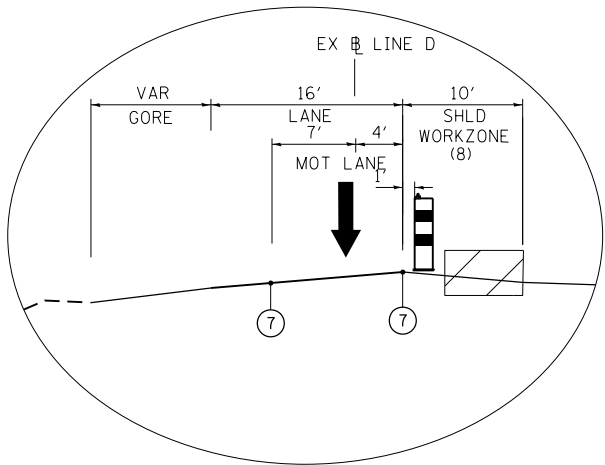
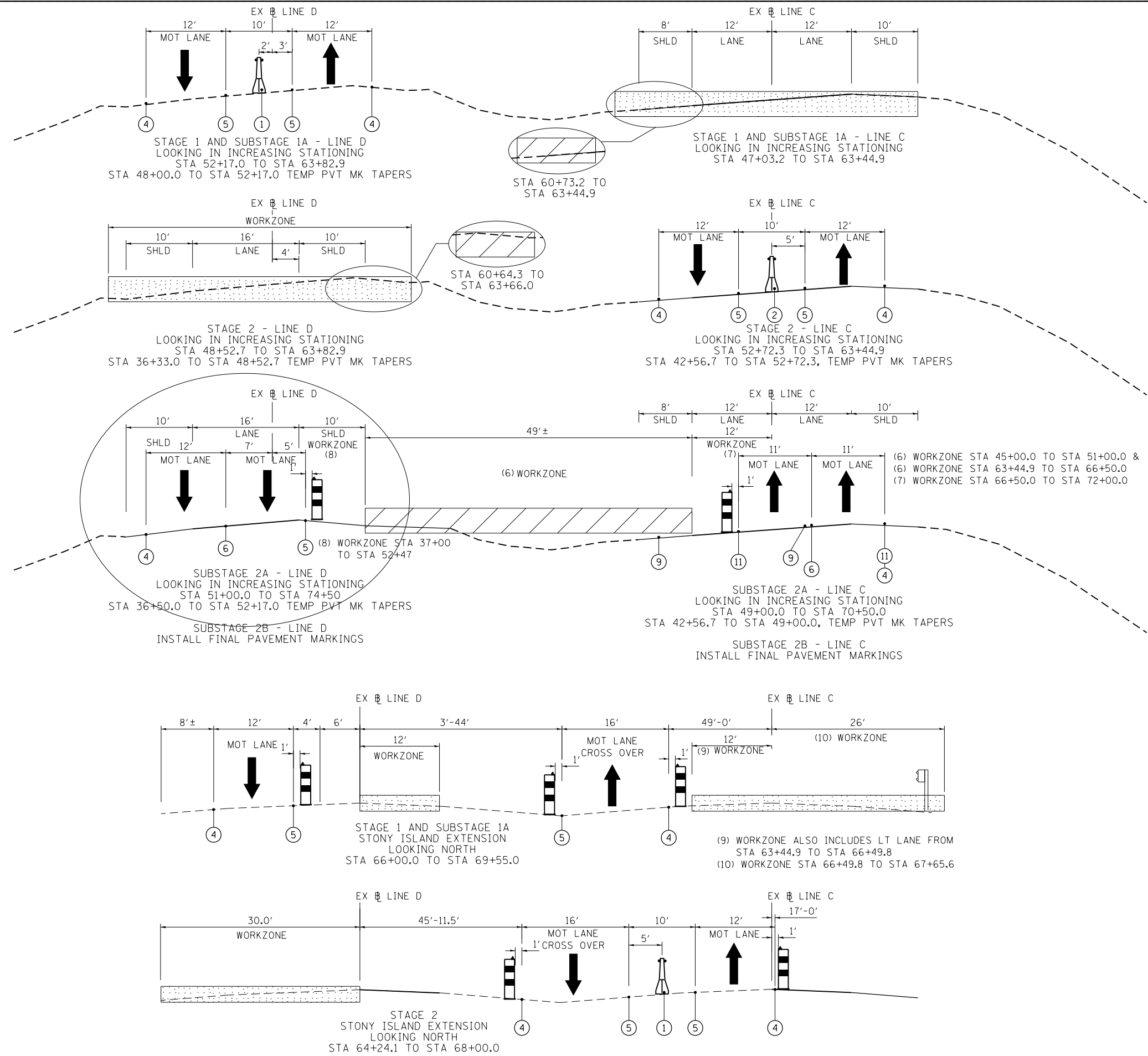
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC - TYPICAL SECTIONS

SCALE: NA SHEET NO. 2 OF 6 SHEETS STA. NA TO STA. NA

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	87
CONTRACT NO. 60J12				
ILLINOIS FED. AID PROJECT				

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- LEGEND**
- ① TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
  - ② RELOCATE TEMPORARY CONCRETE BARRIER
  - ③ DRUMS AT 50'C-C WITH BIDIRECTIONAL STEADY BURN LIGHTS
  - ④ PAVEMENT MARKING TAPE, TYPE III 4" WHITE
  - ⑤ PAVEMENT MARKING TAPE, TYPE III 4" YELLOW
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  - ⑨ WORK ZONE PAVEMENT MARKING REMOVAL
  - ⑩ FINAL PAVEMENT MARKINGS, SEE SHEETS
  - ⑪ INSTALLED IS PREVIOUS STAGE
  - ⑫ TEMPORARY PAVEMENT  
TEMP PAVT (INTERSTATE) (HMA BINDER IL-19.0mm), 10"  
HMA SURFACE COURSE, MIX "D", N70 (IL 9.5mm), 2"
- WORKZONE: FULL REHABILITATION  
 WORKZONE: SCARIFICATION AND OVERLAY  
 LANE CLOSED TO TRAFFIC

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

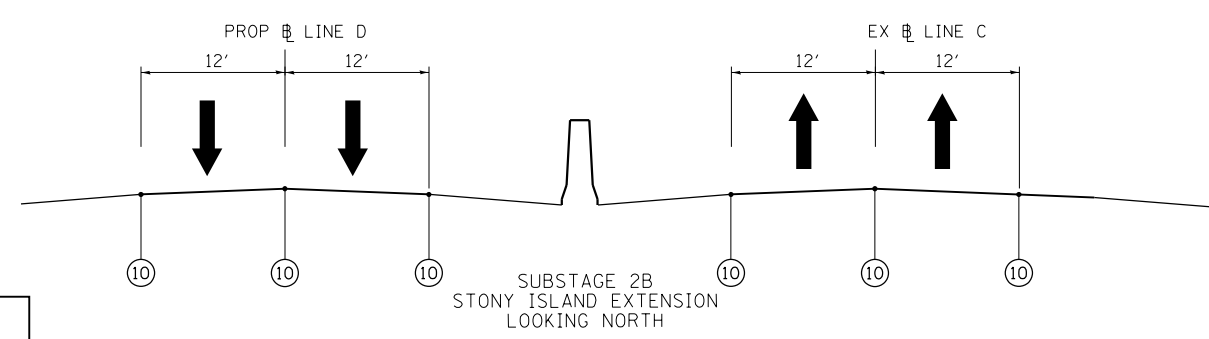
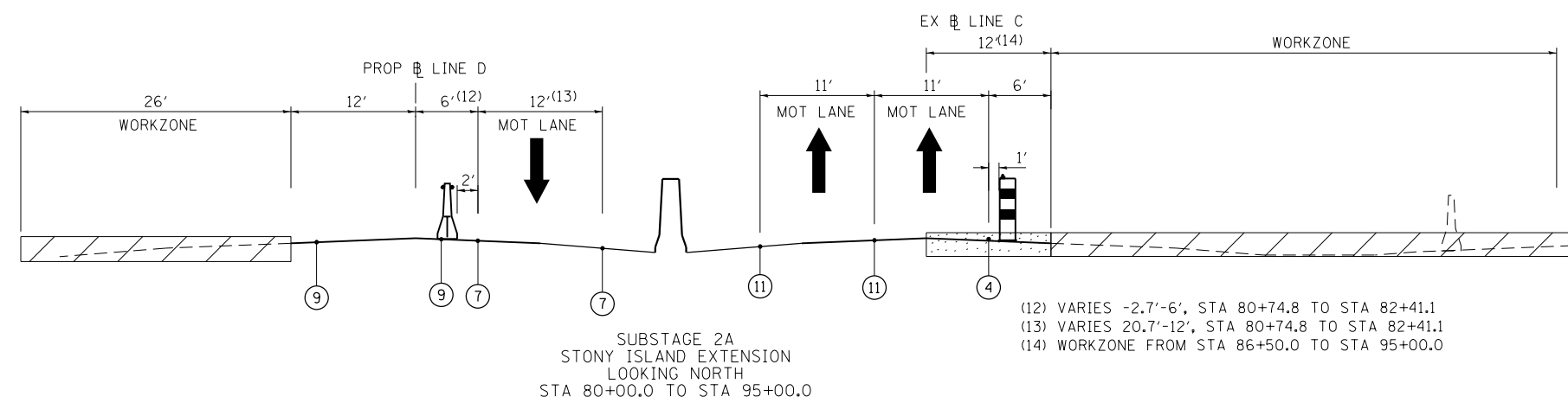
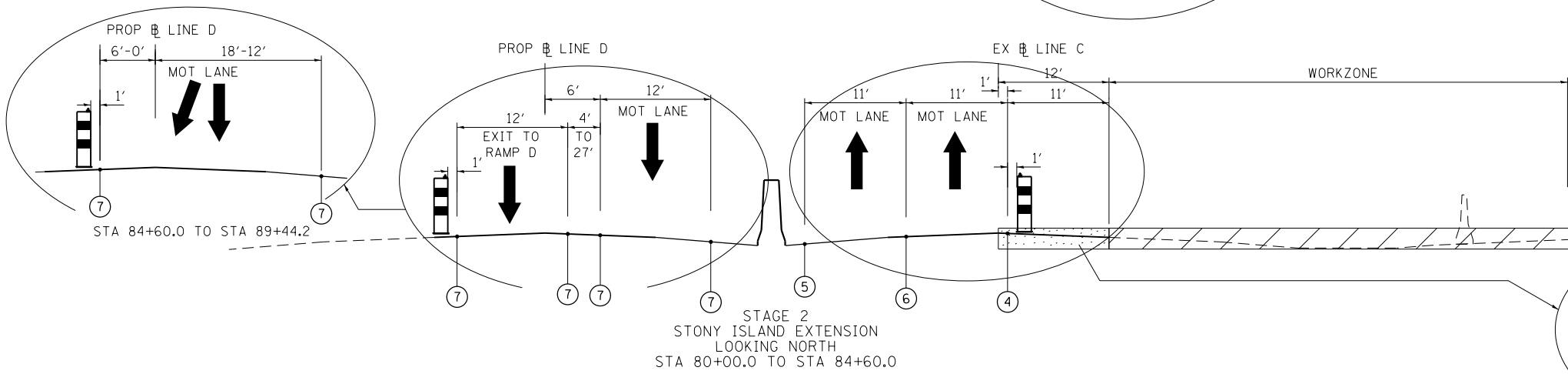
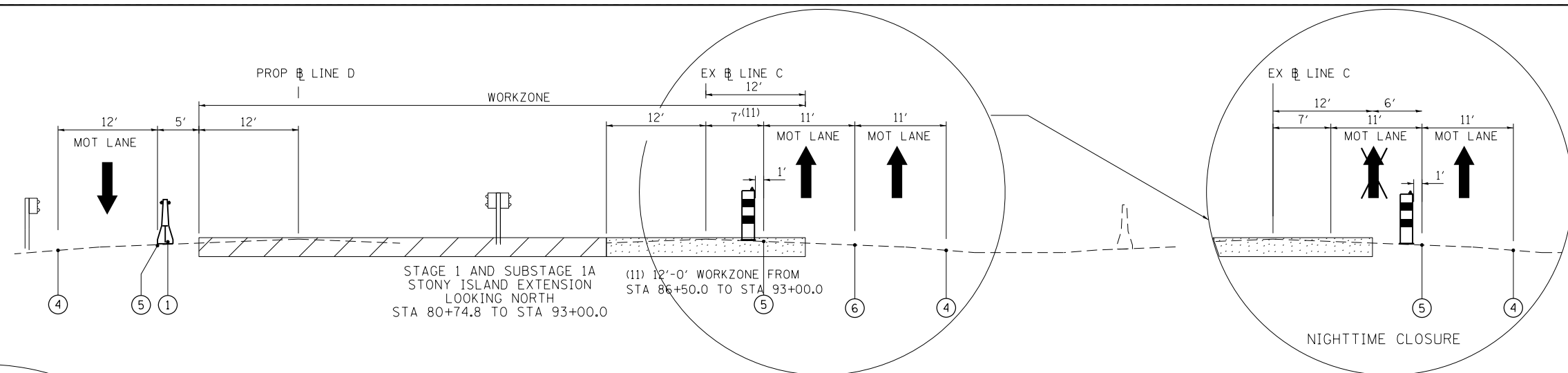
**MAINTENANCE OF TRAFFIC - TYPICAL SECTIONS**

SCALE: NA SHEET NO. 3 OF 6 SHEETS STA. NA TO STA. NA

F.A.I. RTE. 94	SECTION 2012-059-BR	COUNTY COOK	TOTAL SHEETS 631	SHEET NO. 88
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60J12	

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**LEGEND**

- ① TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- ② RELOCATE TEMPORARY CONCRETE BARRIER
- ③ DRUMS AT 50'C-C WITH BIDIRECTIONAL STEADY BURN LIGHTS
- ④ PAVEMENT MARKING TAPE, TYPE III 4" WHITE
- ⑤ PAVEMENT MARKING TAPE, TYPE III 4" YELLOW
- ⑥ PAVEMENT MARKING TAPE, TYPE III 5" WHITE, 10' DASH 30' SKIP
- ⑦ PAVEMENT MARKING TAPE, TYPE III 8" WHITE
- ⑧ TEMPORARY PAVEMENT MARKING-LINE 6"
- ⑨ WORK ZONE PAVEMENT MARKING REMOVAL
- ⑩ FINAL PAVEMENT MARKINGS, SEE SHEETS
- ⑪ INSTALLED IS PREVIOUS STAGE
- ⑫ TEMPORARY PAVEMENT  
TEMP PAVT (INTERSTATE) (HMA BINDER IL-19.0mm), 10"  
HMA SURFACE COURSE, MIX "D", N70 (IL 9.5mm), 2"

WORKZONE: FULL REHABILITATION  
 WORKZONE: SCARIFICATION AND OVERLAY  
 LANE CLOSED TO TRAFFIC

(12) VARIES -2.7'-6', STA 80+74.8 TO STA 82+41.1  
 (13) VARIES 20.7'-12', STA 80+74.8 TO STA 82+41.1  
 (14) WORKZONE FROM STA 86+50.0 TO STA 95+00.0

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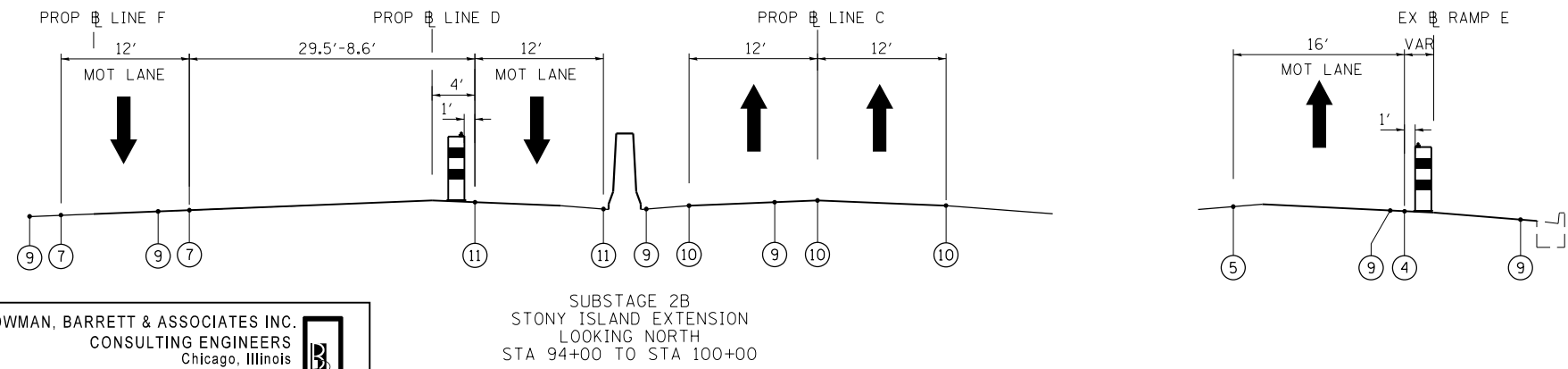
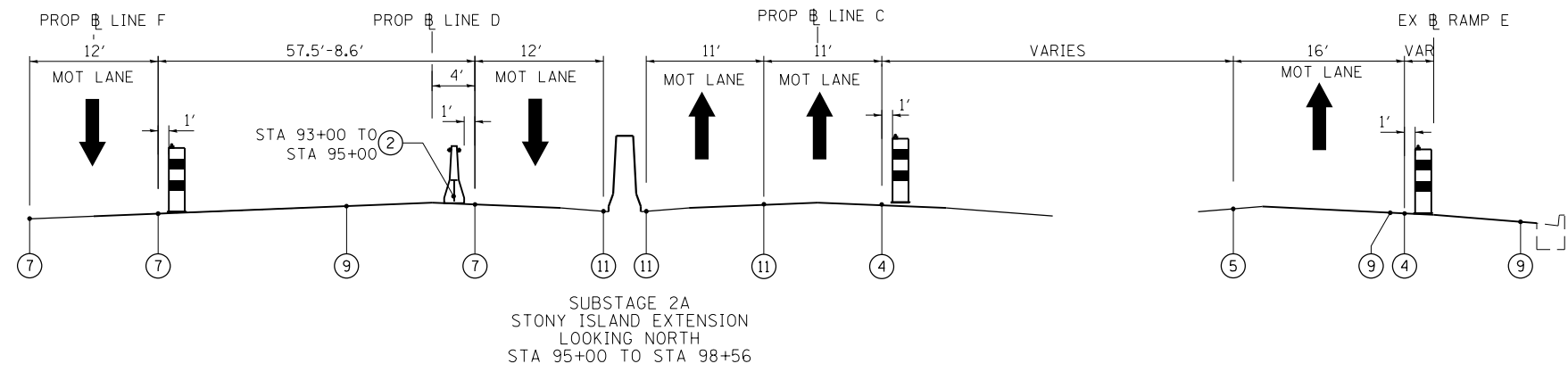
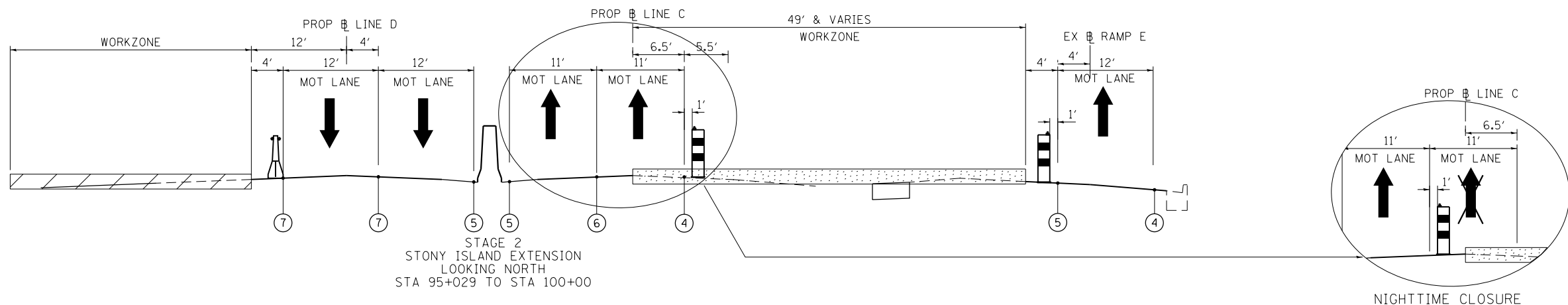
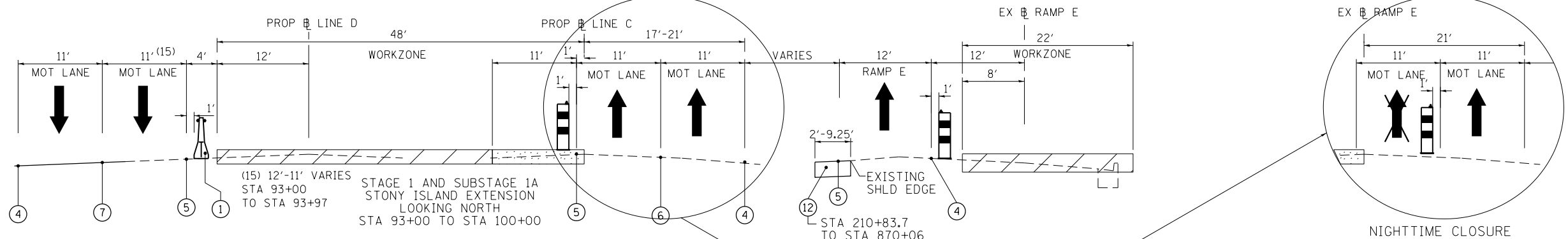
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - TYPICAL SECTIONS**

SCALE: NA SHEET NO. 4 OF 6 SHEETS STA. NA TO STA. NA

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	89
CONTRACT NO. 60J12				
ILLINOIS FED. AID PROJECT				

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**LEGEND**

- ① TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- ② RELOCATE TEMPORARY CONCRETE BARRIER
- ③ DRUMS AT 50'-C-C WITH BIDIRECTIONAL STEADY BURN LIGHTS
- ④ PAVEMENT MARKING TAPE, TYPE III 4" WHITE
- ⑤ PAVEMENT MARKING TAPE, TYPE III 4" YELLOW
- ⑥ PAVEMENT MARKING TAPE, TYPE III 5" WHITE, 10' DASH 30" SKIP
- ⑦ PAVEMENT MARKING TAPE, TYPE III 8" WHITE
- ⑧ TEMPORARY PAVEMENT MARKING-LINE 6"
- ⑨ WORK ZONE PAVEMENT MARKING REMOVAL
- ⑩ FINAL PAVEMENT MARKINGS, SEE SHEETS
- ⑪ INSTALLED IS PREVIOUS STAGE
- ⑫ TEMPORARY PAVEMENT TEMP PAVT (INTERSTATE) (HMA BINDER IL-19.0mm), 10" HMA SURFACE COURSE, MIX "D", N70 (IL 9.5mm), 2"

WORKZONE: FULL REHABILITATION

WORKZONE: SCARIFICATION AND OVERLAY

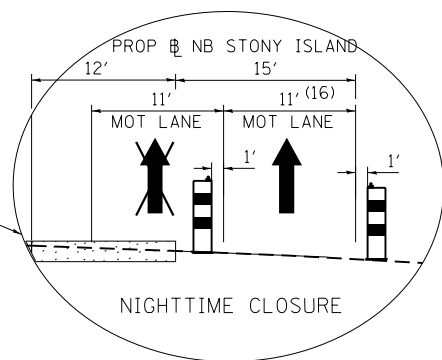
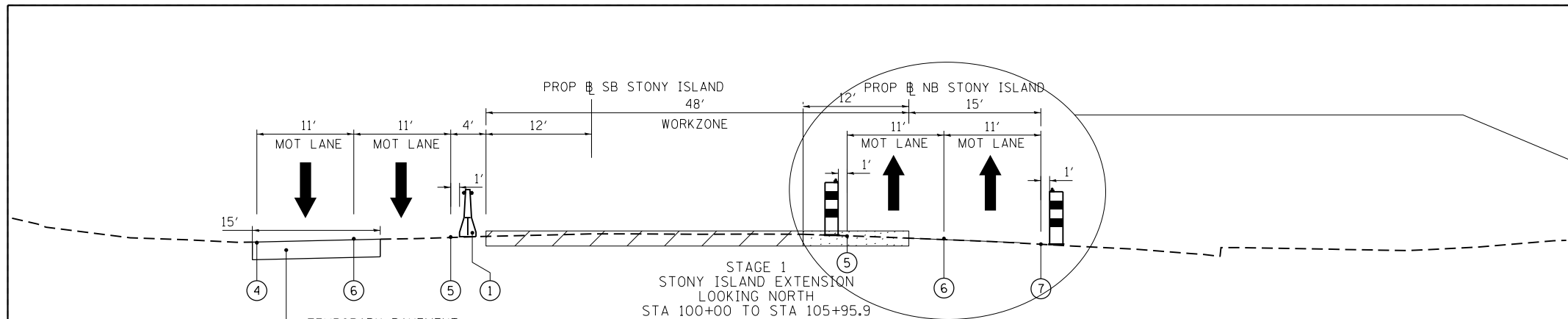
LANE CLOSED TO TRAFFIC

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SUBSTAGE 2B  
 STONY ISLAND EXTENSION  
 LOOKING NORTH  
 STA 94+00 TO STA 100+00

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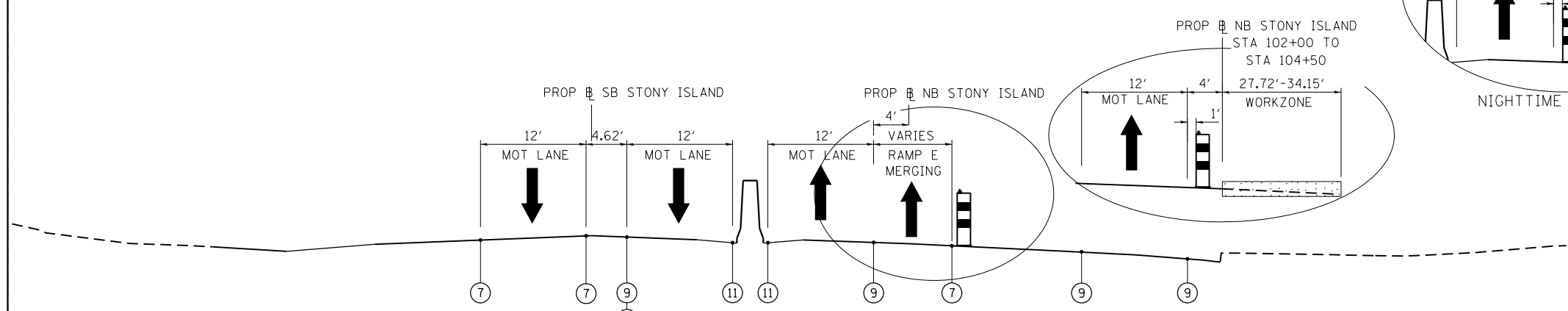
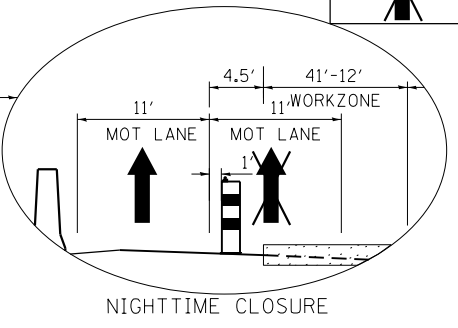
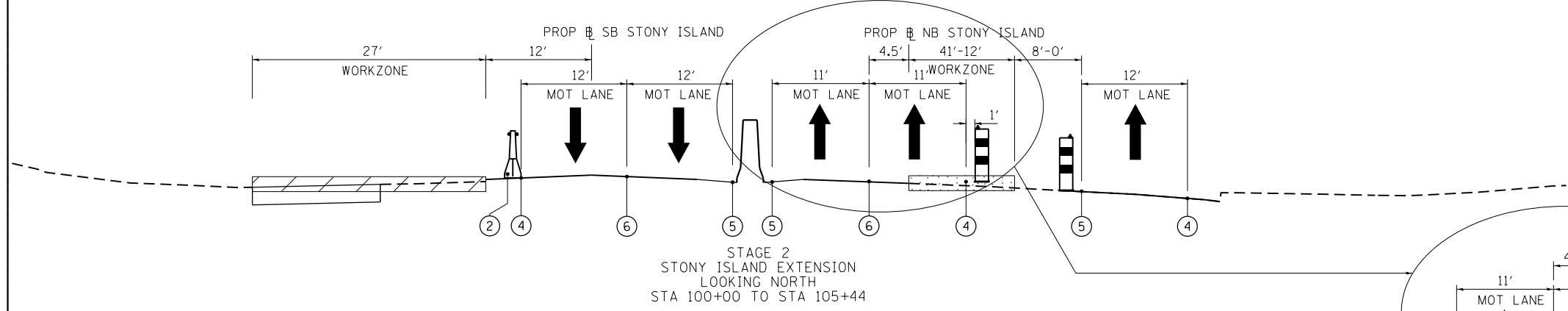
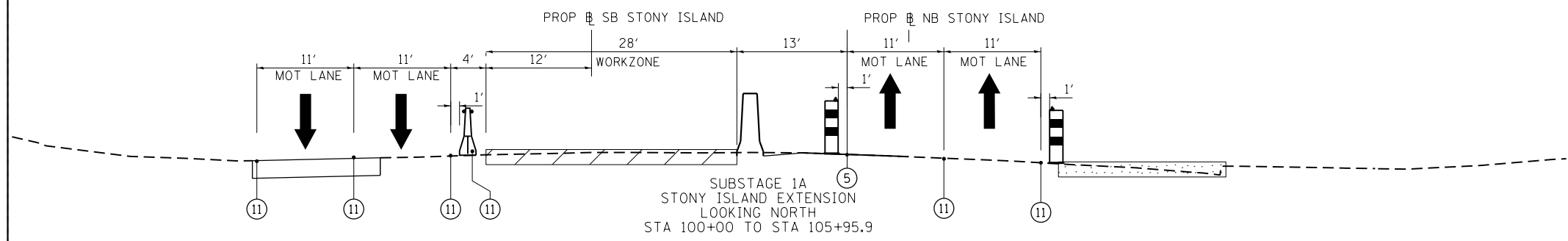
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**LEGEND**

- ① TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- ② RELOCATE TEMPORARY CONCRETE BARRIER
- ③ DRUMS AT 50'C-C WITH BIDIRECTIONAL STEADY BURN LIGHTS
- ④ PAVEMENT MARKING TAPE, TYPE III 4" WHITE
- ⑤ PAVEMENT MARKING TAPE, TYPE III 4" YELLOW
- ⑥ PAVEMENT MARKING TAPE, TYPE III 5" WHITE, 10' DASH 30' SKIP
- ⑦ PAVEMENT MARKING TAPE, TYPE III 8" WHITE
- ⑧ TEMPORARY PAVEMENT MARKING-LINE 6"
- ⑨ WORK ZONE PAVEMENT MARKING REMOVAL
- ⑩ FINAL PAVEMENT MARKINGS, SEE SHEETS
- ⑪ INSTALLED IN PREVIOUS STAGE
- ⑫ TEMPORARY PAVEMENT  
TEMP PAVT (INTERSTATE) (HMA BINDER IL-19.0mm), 10"  
HMA SURFACE COURSE, MIX "D", N70 (IL 9.5mm), 2"

WORKZONE: FULL REHABILITATION  
 WORKZONE: SCARIFICATION AND OVERLAY  
 LANE CLOSED TO TRAFFIC



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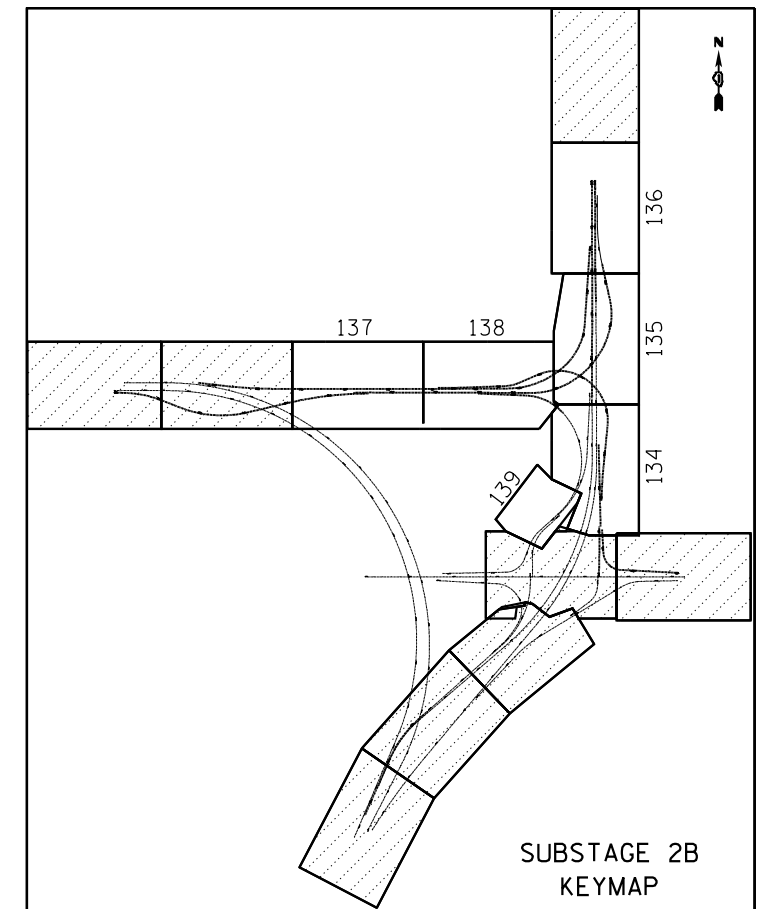
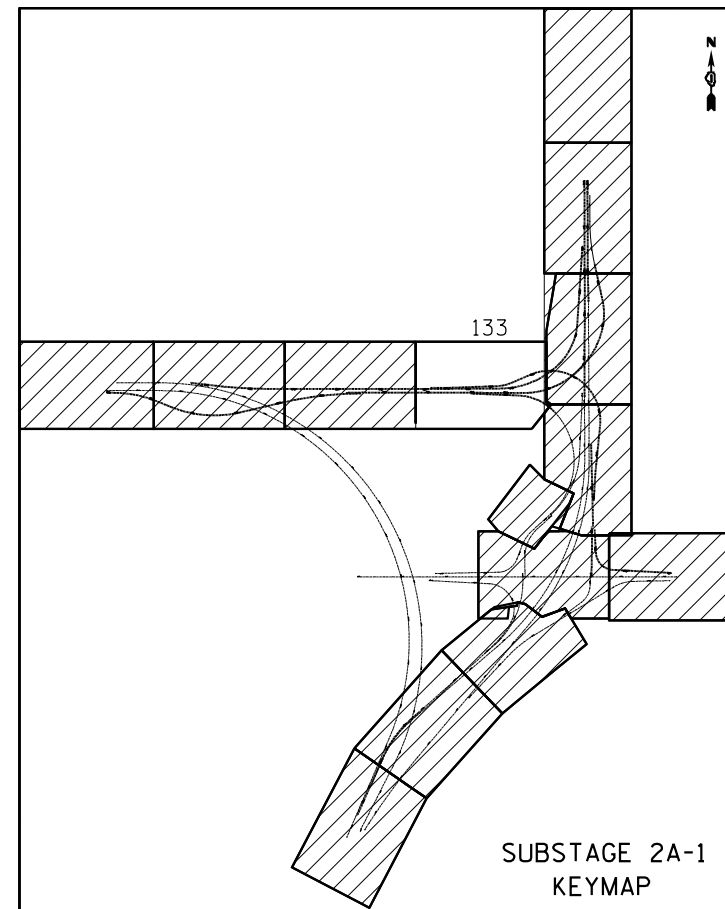
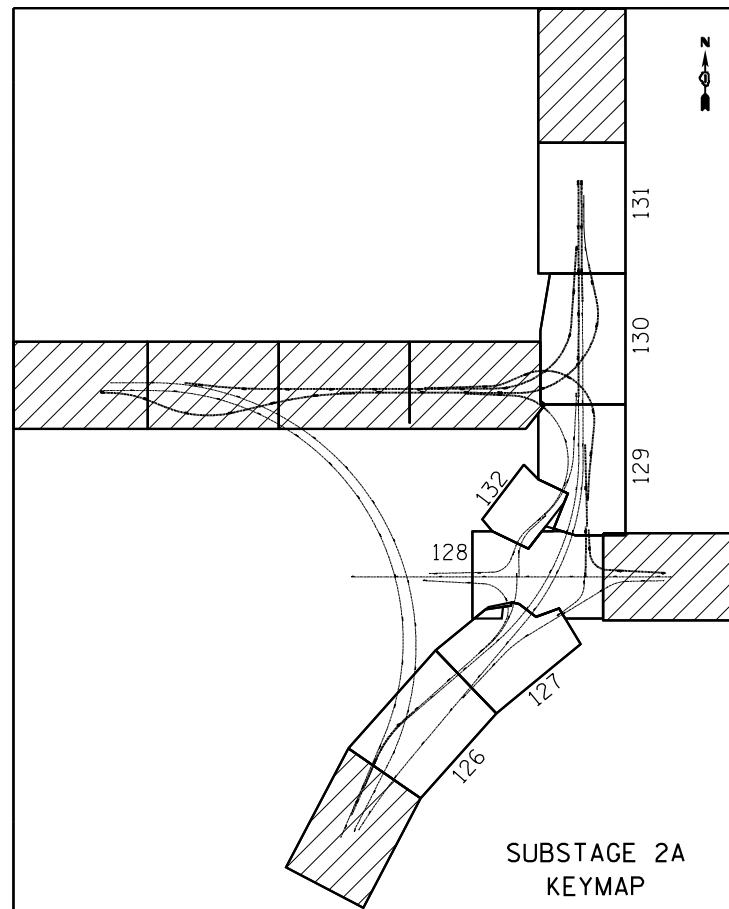
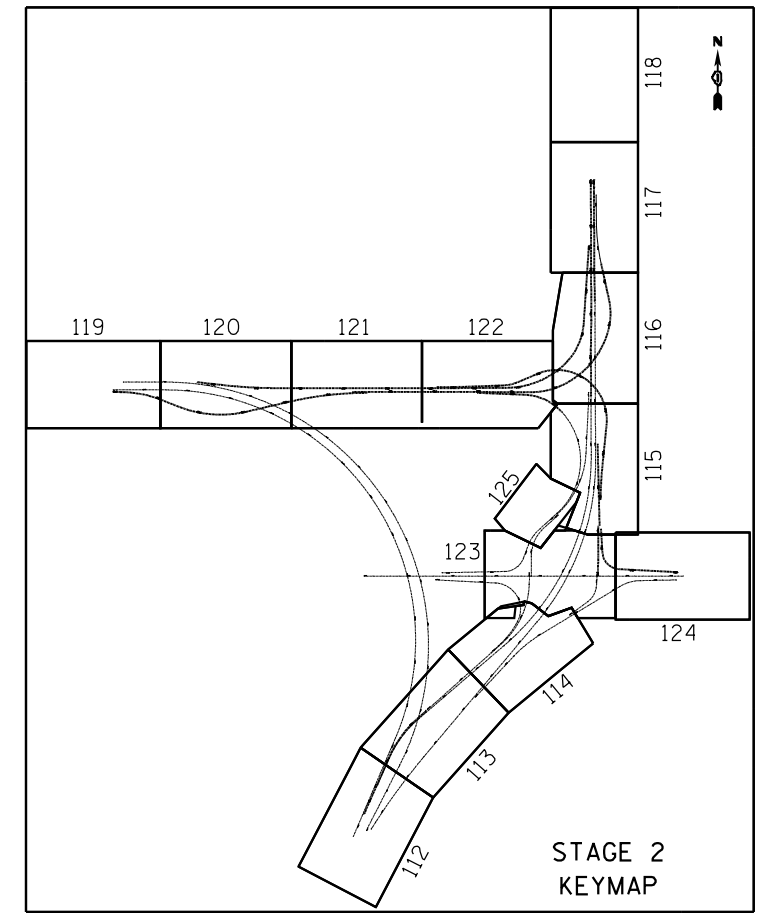
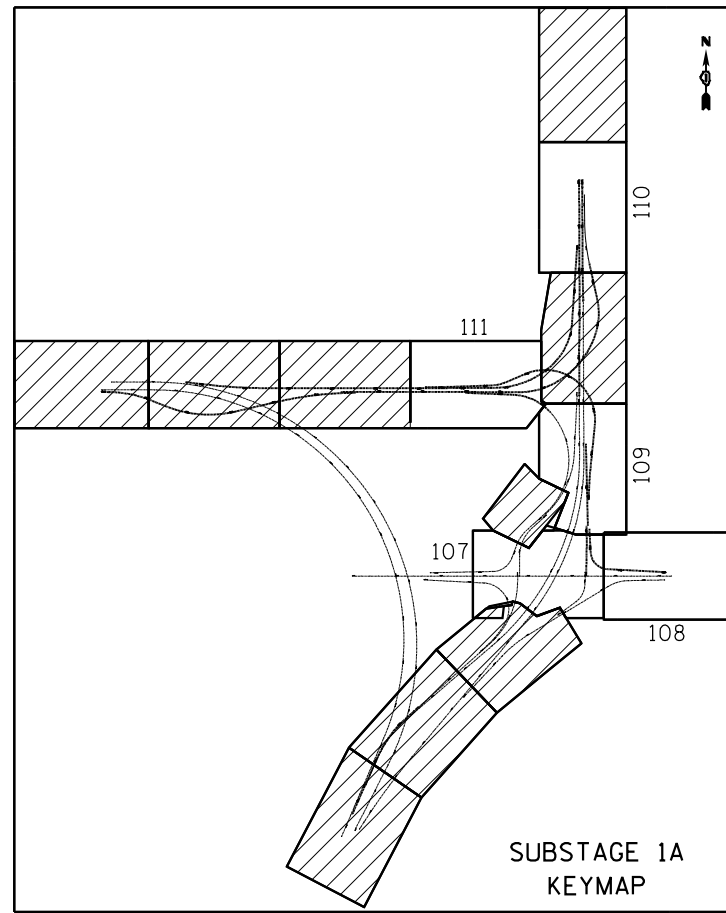
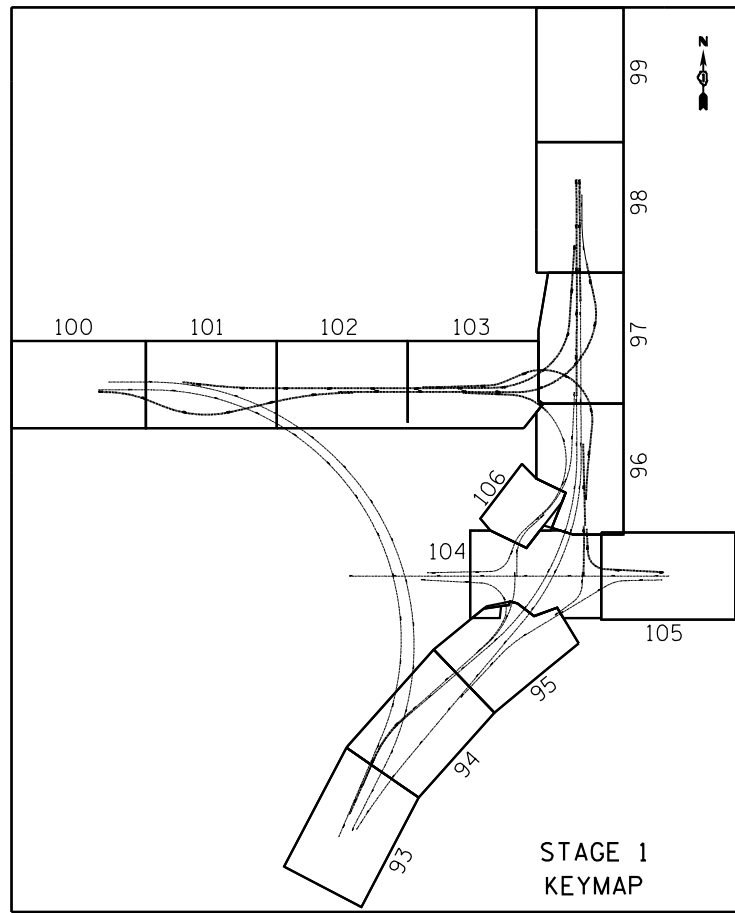
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - TYPICAL SECTIONS**

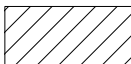
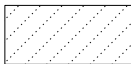
SCALE: NA SHEET NO. 6 OF 6 SHEETS STA. NA TO STA. NA

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	91
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60J12	

S:\1072-05-CADD\0160J12\_Sheets\0160J12-sh1-MOT\_tgn.dgn



**KEY MAP LEGEND**

-  SHEET NOT REPEATED IN SUBSTAGE, SHEET SAME AS PREVIOUS MAIN STAGE
-  SEE PERMANENT PAVEMENT MARKINGS

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
 KEY MAP**

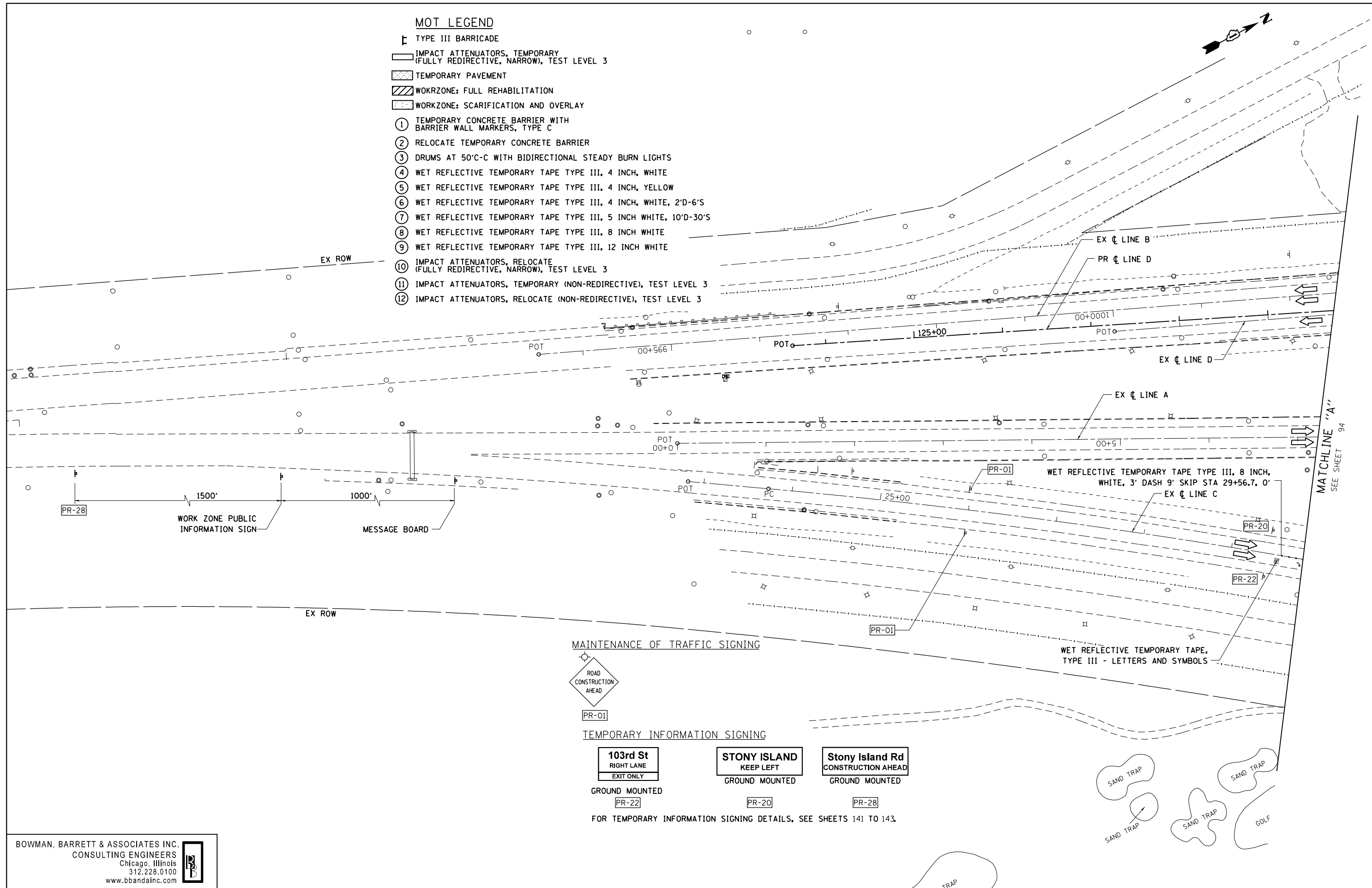
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	92
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

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**MOT LEGEND**

- TYPE III BARRICADE
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TEMPORARY PAVEMENT
- WORKZONE: FULL REHABILITATION
- WORKZONE: SCARIFICATION AND OVERLAY
- ① TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- ② RELOCATE TEMPORARY CONCRETE BARRIER
- ③ DRUMS AT 50'C-C WITH BIDIRECTIONAL STEADY BURN LIGHTS
- ④ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH, WHITE
- ⑤ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH, YELLOW
- ⑥ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH, WHITE, 2'D-6'S
- ⑦ WET REFLECTIVE TEMPORARY TAPE TYPE III, 5 INCH WHITE, 10'D-30'S
- ⑧ WET REFLECTIVE TEMPORARY TAPE TYPE III, 8 INCH WHITE
- ⑨ WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH WHITE
- ⑩ IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑪ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- ⑫ IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3



MATCHLINE "A"  
SEE SHEET 94

**MAINTENANCE OF TRAFFIC SIGNING**



PR-01

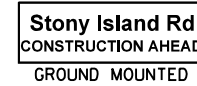
**TEMPORARY INFORMATION SIGNING**



GROUND MOUNTED  
PR-22



GROUND MOUNTED  
PR-20



GROUND MOUNTED  
PR-28

FOR TEMPORARY INFORMATION SIGNING DETAILS, SEE SHEETS 141 TO 143.

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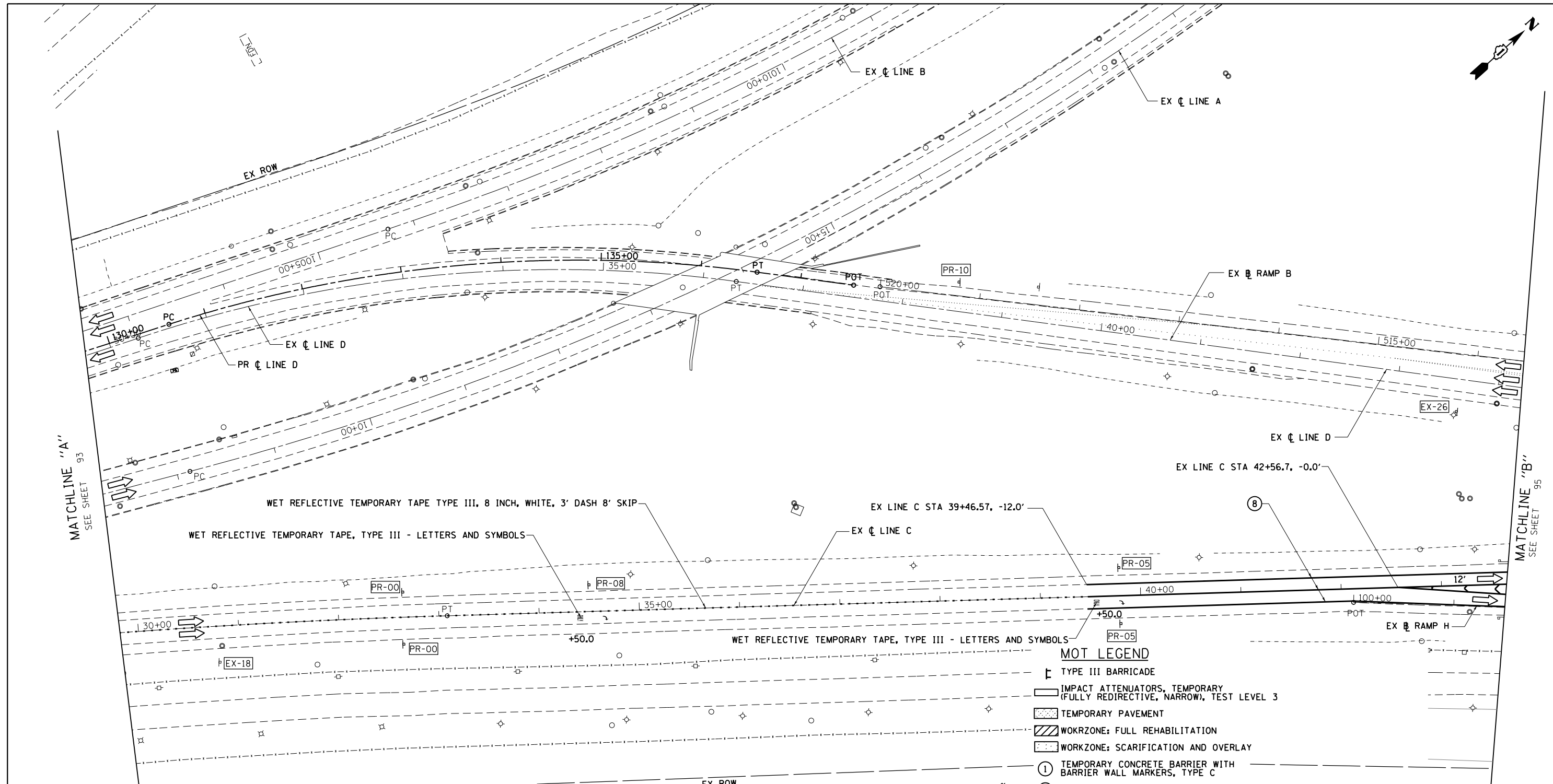
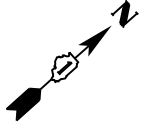
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
STAGE 1**

SCALE: 1"=50' SHEET NO. 1 OF 47 SHEETS STA. TO STA.

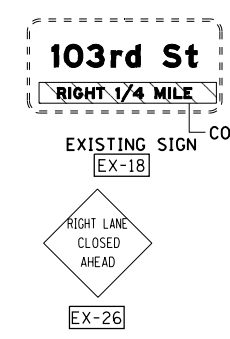
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	93
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

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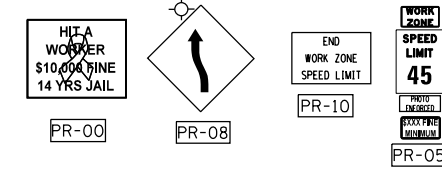


- MOT LEGEND**
- TYPE III BARRICADE
  - IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
  - TEMPORARY PAVEMENT
  - WORKZONE: FULL REHABILITATION
  - WORKZONE: SCARIFICATION AND OVERLAY
  - ① TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
  - ② RELOCATE TEMPORARY CONCRETE BARRIER
  - ③ DRUMS AT 50'C-C WITH BIDIRECTIONAL STEADY BURN LIGHTS
  - ④ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH, WHITE
  - ⑤ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH, YELLOW
  - ⑥ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH, WHITE, 2'D-6'S
  - ⑦ WET REFLECTIVE TEMPORARY TAPE TYPE III, 5 INCH WHITE, 10'D-30'S
  - ⑧ WET REFLECTIVE TEMPORARY TAPE TYPE III, 8 INCH WHITE
  - ⑨ WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH WHITE
  - ⑩ IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
  - ⑪ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
  - ⑫ IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3

**EXISTING SIGNS**



**MAINTENANCE OF TRAFFIC SIGNING**



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	PLOT DATE = 3/29/2013	DATE - 03/29/2013	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
 STAGE 1**

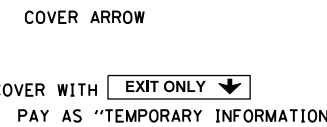
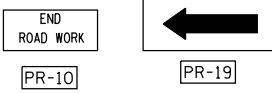
SCALE: 1"=50'    SHEET NO. 2 OF 47 SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	94
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

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MAINTENANCE OF TRAFFIC SIGNING

EXISTING SIGNS



FOR TEMPORARY INFORMATION SIGNING DETAILS, SEE SHEETS 141 TO 143.

EXISTING TRUSS TO REMAIN

EX LINE D STA 52+17.0, 3.0'

EX LINE D STA 50+18.6, 18.3'  
EX LINE C STA 49+71.2, -81.9'

GLARE SCREEN  
LIMIT STA 51+00  
TO STA 63+82

EXISTING PAVEMENT MARKINGS TO REMAIN  
DRUMS OR TYPE II BARRICADES WITH  
STEADY BURN LIGHTS @ 50' C-C. (TYP)

EX LINE D STA 49+15.2, -0.0'

EX LINE D STA 48+00.0, -0.0'

MATCH EXISTING PAVEMENT MARKINGS

EX C LINE D

EX LINE C  
STA 44+15.0, -12.0'

EX C LINE C

EX LINE C STA 47+21.8, -46.0'

STA +23.0, 0'

STA +44.0  
LIMIT

EX LINE C STA 47+03.2  
SCARIFICATION LIMIT

CHEVRON 30' C-C

EX ROW

WETLAND

MATCHLINE "D"  
SEE SHEET 104

MATCHLINE "C"  
SEE SHEET 104

MATCHLINE "E"  
SEE SHEET 104

MATCHLINE "B"  
SEE SHEET 94

MOT LEGEND

- TYPE III BARRICADE
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TEMPORARY PAVEMENT
- WORKZONE: FULL REHABILITATION
- WORKZONE: SCARIFICATION AND OVERLAY
- TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- RELOCATE TEMPORARY CONCRETE BARRIER
- DRUMS AT 50'C-C WITH BIDIRECTIONAL STEADY BURN LIGHTS
- WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH, WHITE
- WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH, YELLOW
- WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH, WHITE, 2'-0"-6'-S
- WET REFLECTIVE TEMPORARY TAPE TYPE III, 5 INCH WHITE, 10'-0"-30'-S
- WET REFLECTIVE TEMPORARY TAPE TYPE III, 8 INCH WHITE
- WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH WHITE
- IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3

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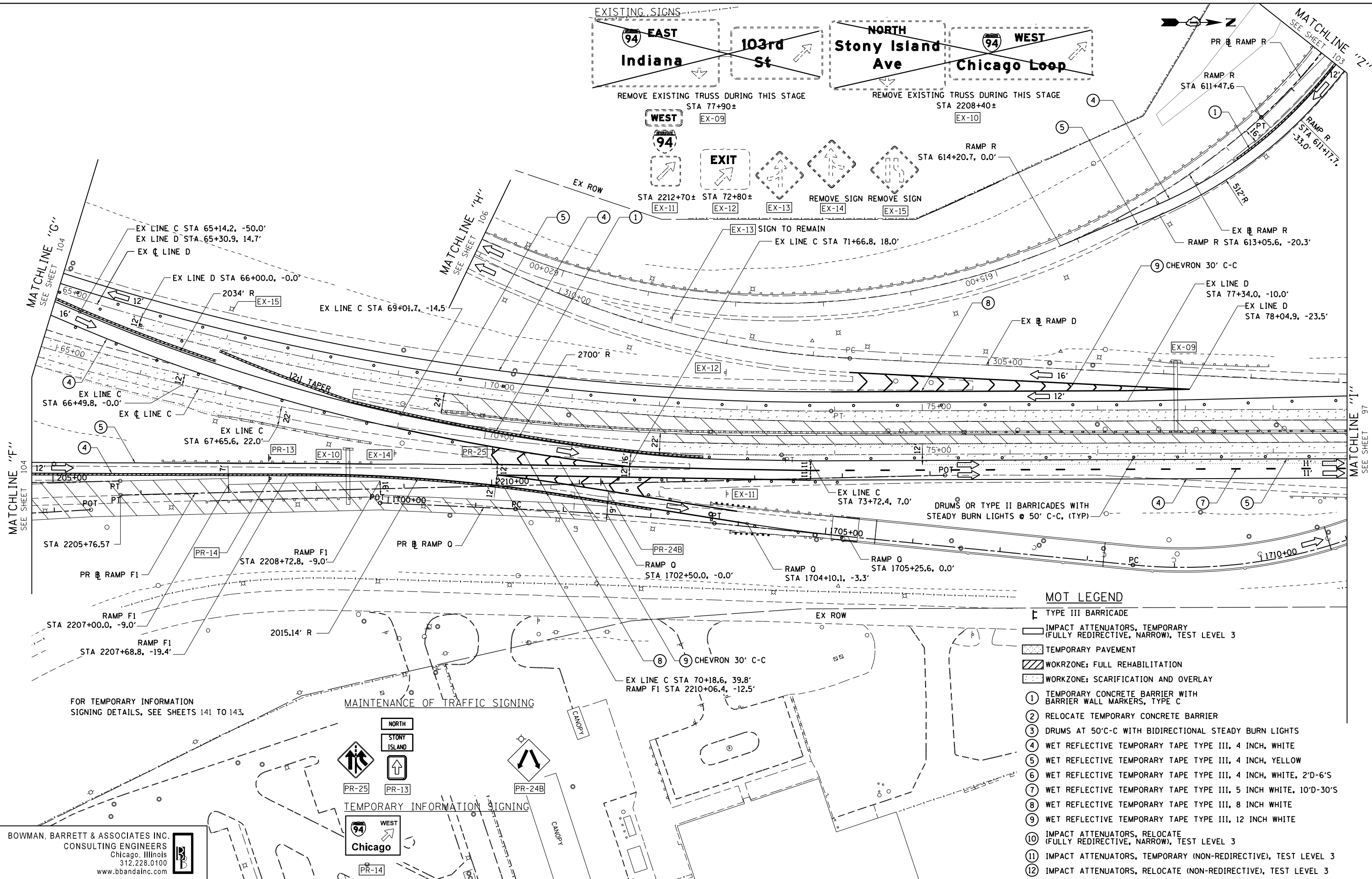
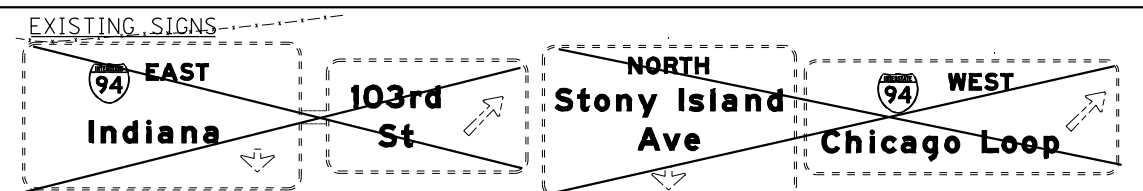
STATE OF ILLINOIS  
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MAINTENANCE OF TRAFFIC  
STAGE 1

SCALE: 1"=50' SHEET NO. 3 OF 47 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	95
CONTRACT NO. 60J12				
ILLINOIS FED. AID PROJECT				

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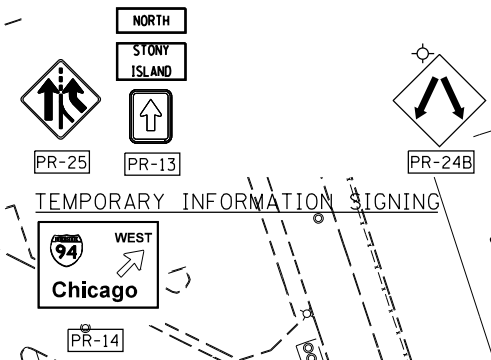


**MOT LEGEND**

- TYPE III BARRICADE
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TEMPORARY PAVEMENT
- WORKZONE: FULL REHABILITATION
- WORKZONE: SCARIFICATION AND OVERLAY
- 1 TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- 2 RELOCATE TEMPORARY CONCRETE BARRIER
- 3 DRUMS AT 50'C-C WITH BIDIRECTIONAL STEADY BURN LIGHTS
- 4 WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH, WHITE
- 5 WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH, YELLOW
- 6 WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH, WHITE, 2'D-6'S
- 7 WET REFLECTIVE TEMPORARY TAPE TYPE III, 5 INCH WHITE, 10'D-30'S
- 8 WET REFLECTIVE TEMPORARY TAPE TYPE III, 8 INCH WHITE
- 9 WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH WHITE
- 10 IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- 11 IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- 12 IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3

FOR TEMPORARY INFORMATION  
SIGNING DETAILS, SEE SHEETS 141 TO 143.

MAINTENANCE OF TRAFFIC SIGNING



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

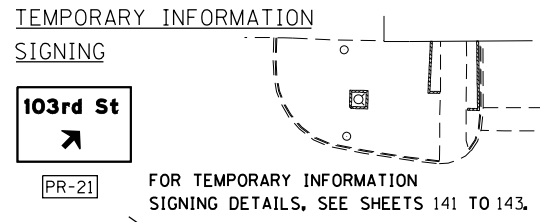
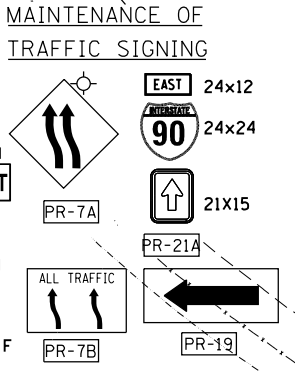
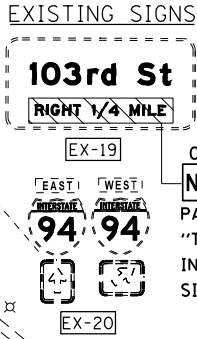
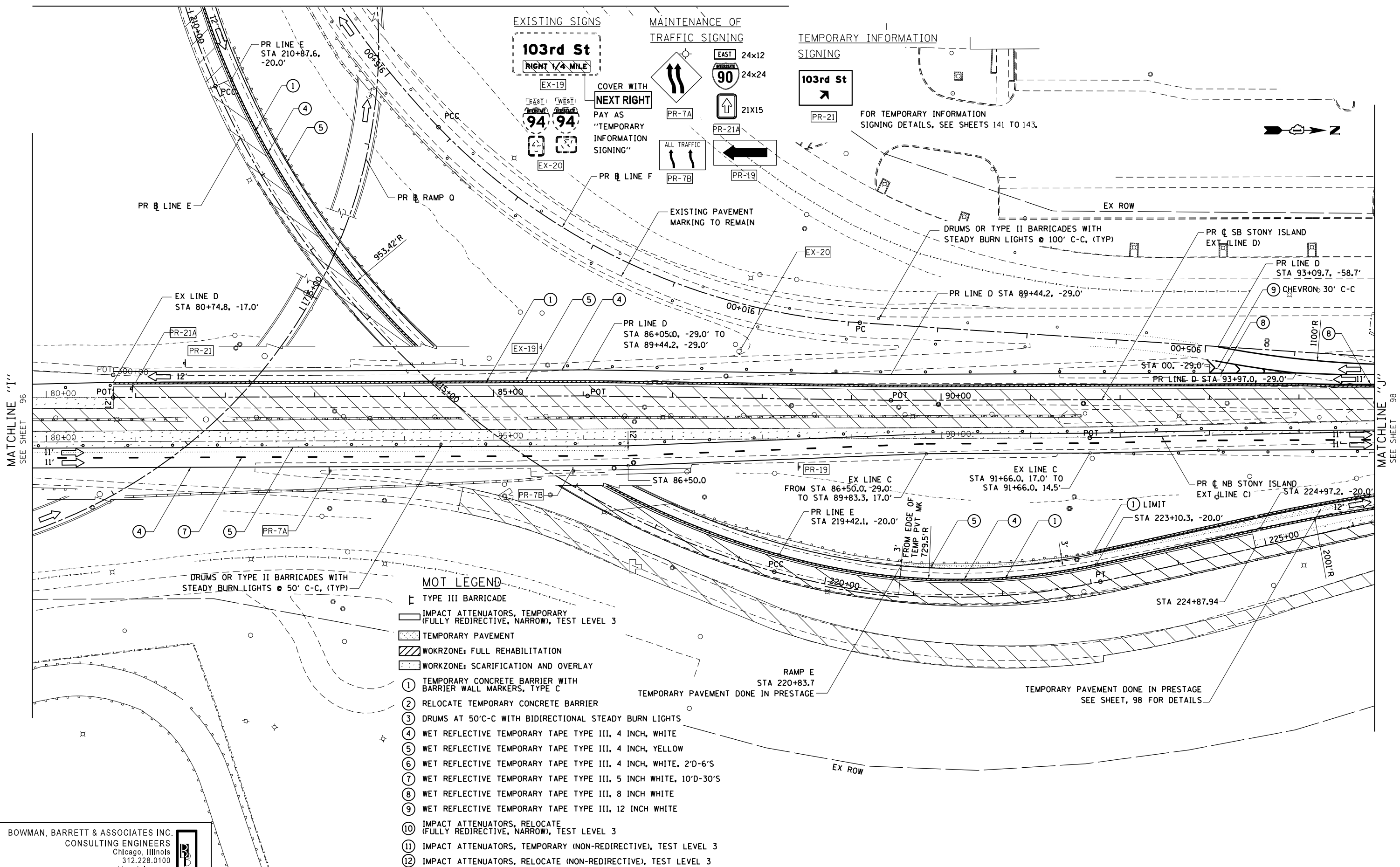
**MAINTENANCE OF TRAFFIC  
STAGE 1**

SCALE: 1"=50' SHEET NO. 4 OF 47 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	96
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

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**MOT LEGEND**

- TYPE III BARRICADE
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TEMPORARY PAVEMENT
- WORKZONE: FULL REHABILITATION
- WORKZONE: SCARIFICATION AND OVERLAY
- ① TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- ② RELOCATE TEMPORARY CONCRETE BARRIER
- ③ DRUMS AT 50'C-C WITH BIDIRECTIONAL STEADY BURN LIGHTS
- ④ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH, WHITE
- ⑤ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH, YELLOW
- ⑥ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH, WHITE, 2'D-6'S
- ⑦ WET REFLECTIVE TEMPORARY TAPE TYPE III, 5 INCH WHITE, 10'D-30'S
- ⑧ WET REFLECTIVE TEMPORARY TAPE TYPE III, 8 INCH WHITE
- ⑨ WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH WHITE
- ⑩ IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ⑪ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- ⑫ IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3

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**DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC**  
**STAGE 1**

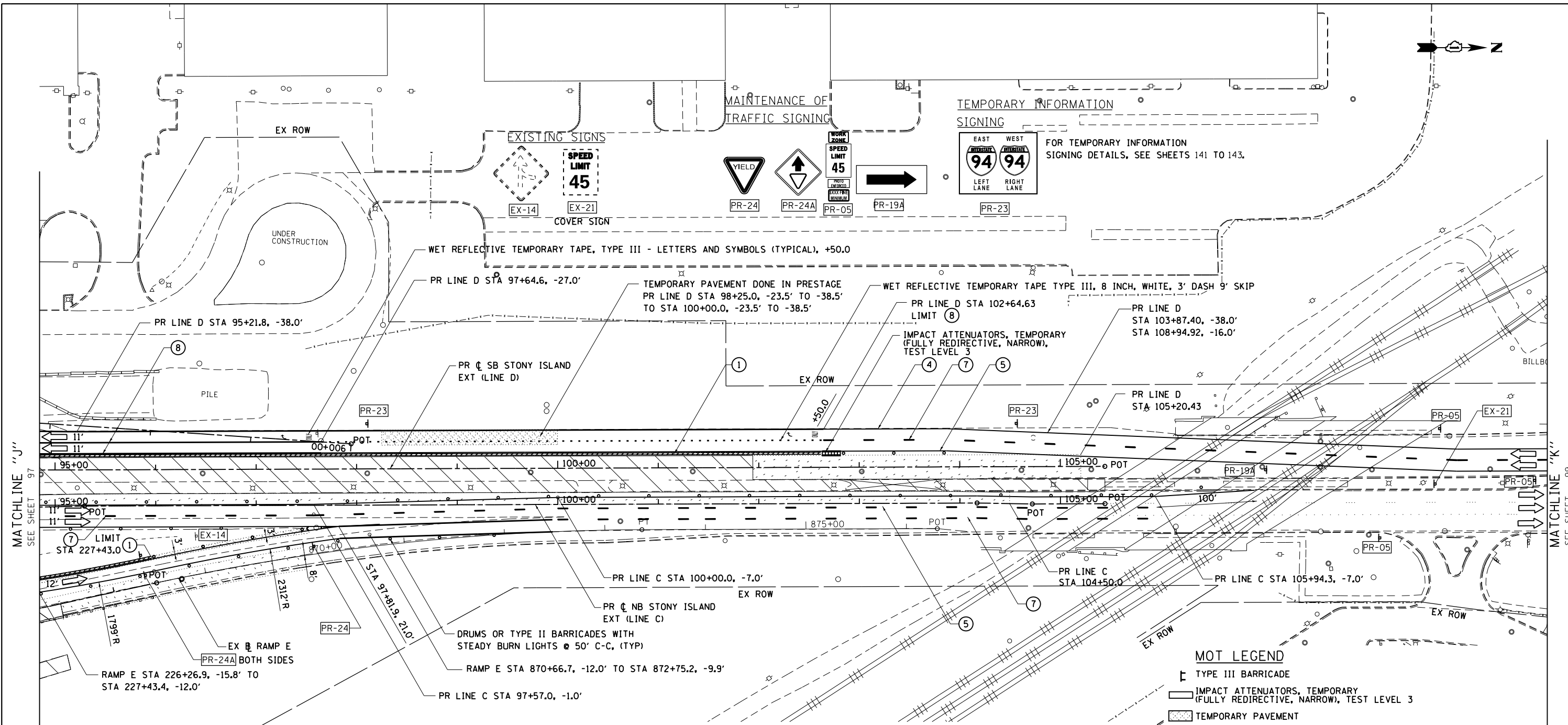
SCALE: 1"=50' SHEET NO. 5 OF 47 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	97
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

MATCHLINE "1" SEE SHEET 96

MATCHLINE "2" SEE SHEET 98

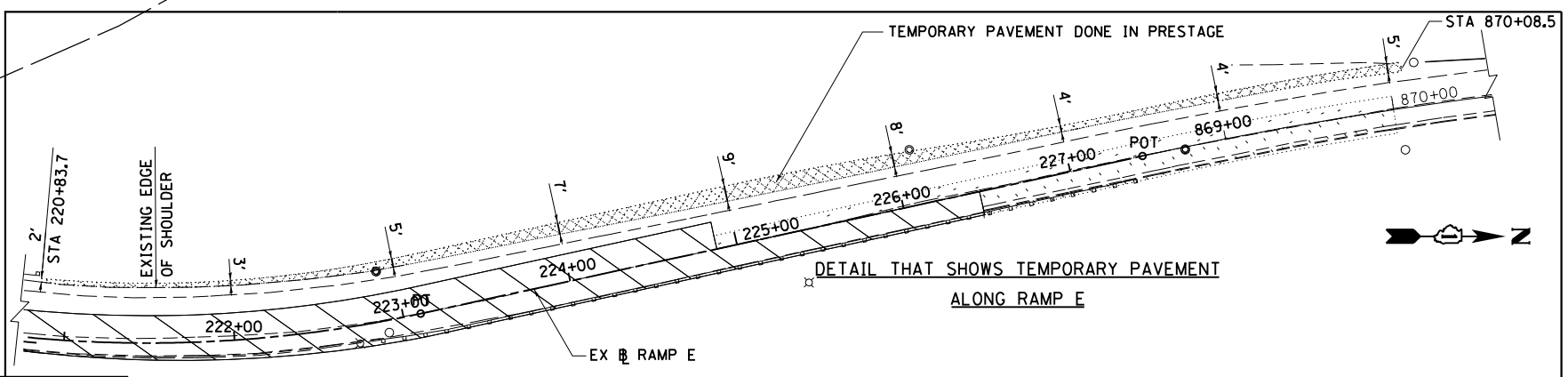
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MATCHLINE "J"  
SEE SHEET 97

MATCHLINE "K"  
SEE SHEET 99

- MOT LEGEND**
- ☐ TYPE III BARRICADE
  - ▭ IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
  - ▨ TEMPORARY PAVEMENT
  - ▩ WORKZONE: FULL REHABILITATION
  - ▧ WORKZONE: SCARIFICATION AND OVERLAY
  - ① TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
  - ② RELOCATE TEMPORARY CONCRETE BARRIER
  - ③ DRUMS AT 50'C-C WITH BIDIRECTIONAL STEADY BURN LIGHTS
  - ④ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH, WHITE
  - ⑤ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH, YELLOW
  - ⑥ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH, WHITE, 2'D-6'S
  - ⑦ WET REFLECTIVE TEMPORARY TAPE TYPE III, 5 INCH WHITE, 10'D-30'S
  - ⑧ WET REFLECTIVE TEMPORARY TAPE TYPE III, 8 INCH WHITE
  - ⑨ WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH WHITE
  - ⑩ IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
  - ⑪ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
  - ⑫ IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3



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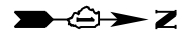
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
STAGE 1**

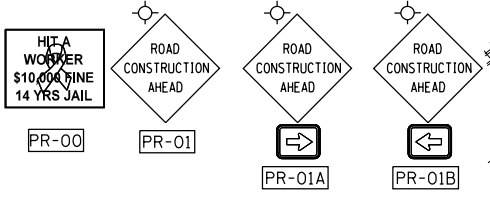
SCALE: 1"=50' SHEET NO. 6 OF 47 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	98
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

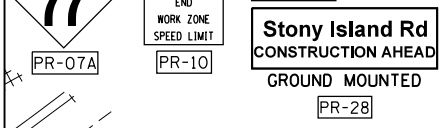
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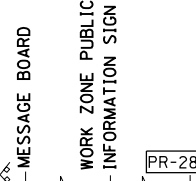
MAINTENANCE OF TRAFFIC SIGNING



TEMPORARY INFORMATION SIGNING



SEE MOT LEGEND ON SHEET 98



MATCHLINE "K" SEE SHEET 98

MATCH EXISTING PAVEMENT MARKINGS

95TH STREET

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

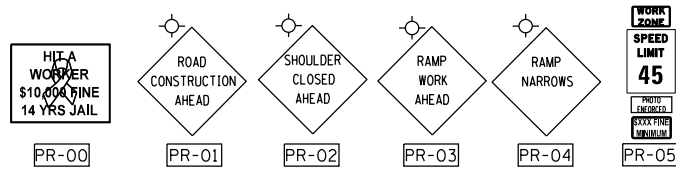
MAINTENANCE OF TRAFFIC  
 STAGE 1

SCALE: 1"=50' SHEET NO. 7 OF 47 SHEETS STA. TO STA.

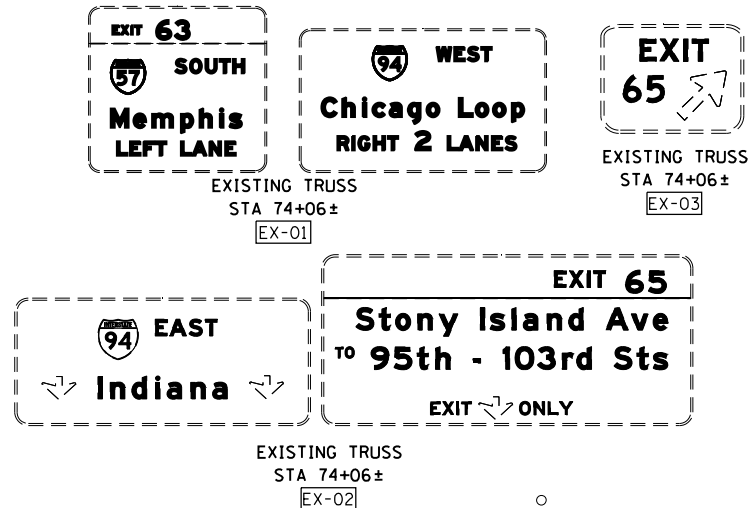
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	99
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

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MAINTENANCE OF TRAFFIC SIGNING

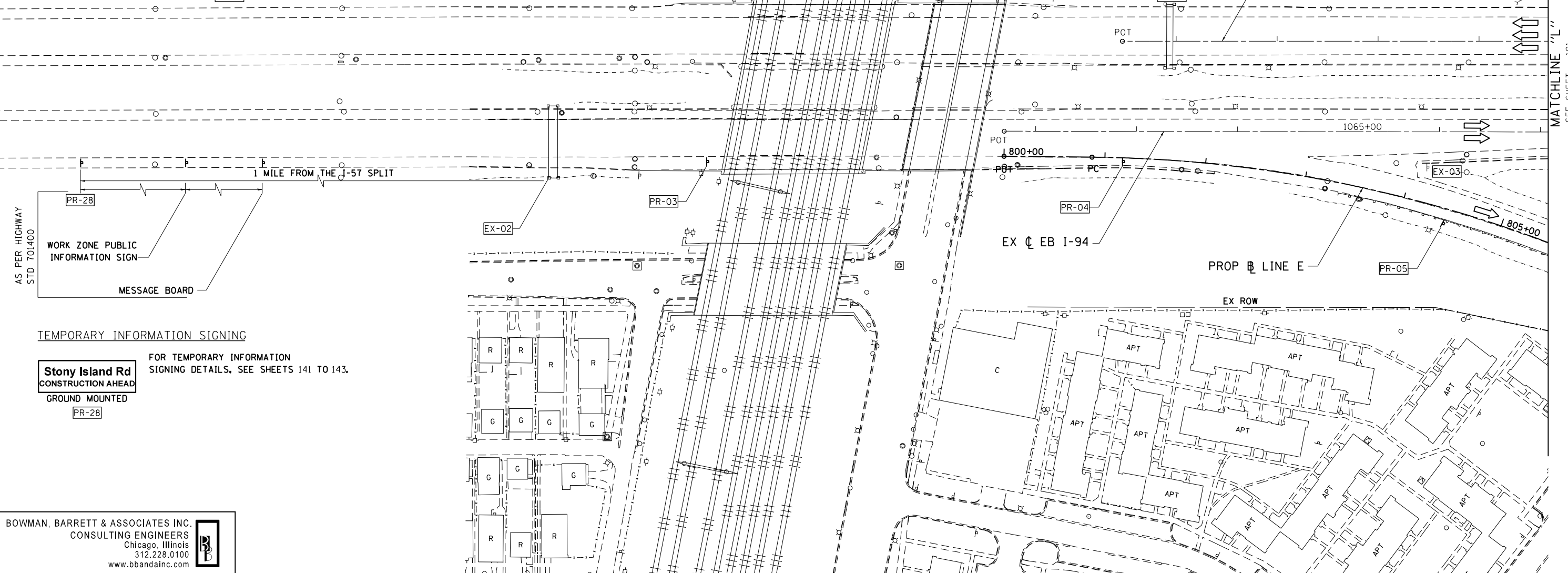


EXISTING SIGNS



MOT LEGEND

- TYPE III BARRICADE
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TEMPORARY PAVEMENT
- WORKZONE: FULL REHABILITATION
- WORKZONE: SCARIFICATION AND OVERLAY
- 1 TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- 2 RELOCATE TEMPORARY CONCRETE BARRIER
- 3 DRUMS AT 50°C-C WITH BIDIRECTIONAL STEADY BURN LIGHTS
- 4 WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH, WHITE
- 5 WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH, YELLOW
- 6 WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH, WHITE, 2'D-6'S
- 7 WET REFLECTIVE TEMPORARY TAPE TYPE III, 5 INCH WHITE, 10'D-30'S
- 8 WET REFLECTIVE TEMPORARY TAPE TYPE III, 8 INCH WHITE
- 9 WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH WHITE
- 10 IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- 11 IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- 12 IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3



MATCHLINE "L" SEE SHEET 101

BOWMAN, BARRETT & ASSOCIATES INC.  
CONSULTING ENGINEERS  
Chicago, Illinois  
312.228.0100  
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FILE NAME =	USER NAME = default	DESIGNED - RA	REVISED -
#FILE#		DRAWN - RA	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - RGR	REVISED -
	PLOT DATE = 3/29/2013	DATE = 03/29/2013	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=50'	SHEET NO. 8 OF 47 SHEETS	STA. TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	100
CONTRACT NO. 60J12			ILLINOIS FED. AID PROJECT	

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