

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

VARIOUS ROUTES
SECTION 2012-007 I
AT VARIOUS SOUTH COOK & WILL COUNTY LOCATIONS
RIP RAP IMPROVEMENTS
COOK & WILL COUNTY
C-91-370-12

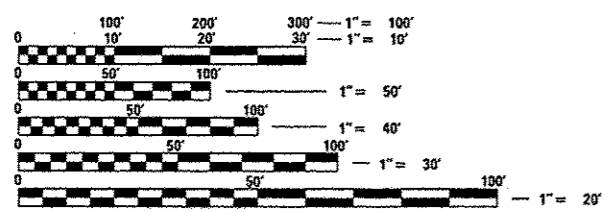
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	2012-007 I	COOK/WILL	38	1
•	VARIOUS ROUTES	ILLINOIS	CONTRACT NO. 60T53	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA:

VINCENNES ROAD EXISTING ADT = 4,800 SPEED LIMIT = 35 MPH	IL 59 EXISTING ADT = 41,300 SPEED LIMIT = 45 MPH
IL 83 EXISTING ADT = 29,600 SPEED LIMIT = 35 MPH	IL 53 EXISTING ADT = 15,000 SPEED LIMIT = 40 MPH
GOVERNOR'S HIGHWAY EXISTING ADT = 18,600 SPEED LIMIT = 45 MPH	RAMP IL 113 EXISTING ADT = 200 SPEED LIMIT = 45 MPH
US 52 EXISTING ADT = 27,500 SPEED LIMIT = 40 MPH	I-57 EXISTING ADT = 30,600 SPEED LIMIT = 65 MPH

THIS PROJECT IS LOCATED IN THE VILLAGES OF GLENWOOD, MATTESON, PEOTONE, AND SHOREWOOD AND IN THE CITIES OF BRAIDWOOD, HARVEY, JOLIET, AND NAPERVILLE



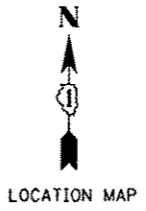
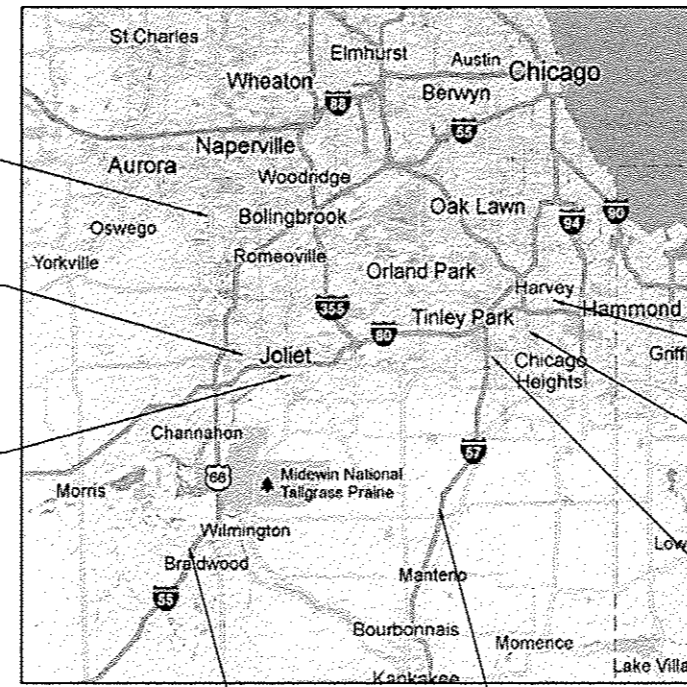
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

LOCATION 8: SN 099-04618
IL 59 AT CLOW CREEK

LOCATION 5: SN 099-0276
US 52 OVER DUPAGE RIVER

LOCATION 6: SN 099-0295
IL 53 AT SUGAR CREEK



LOCATION 2: SN 016-0954
IL 83 AT LITTLE CALUMET RIVER

LOCATION 1: SN 016-0623
VINCENNES ROAD OVER THORN CREEK

LOCATION 3: SN 016-2505
GOVERNOR'S HIGHWAY OVER BUTTERFIELD CREEK

LOCATION 7: SN 099-2001
I-57 AT ROCK CREEK

LOCATION 4: SN 099-0241
RAMP IL 113 TO I-55 SB
OVER CLAY POOL CREEK

BLOOM, DUPAGE, PEOTONE, REED, RICH, THORNTON, TROY AND WHEATLAND

PROJECT ENGINEER: PETER JOHNSTON (GRAEF) 773-399-0112
PROJECT MANAGER: KEN ENG (IDOT) 847-705-4247

CONTRACT NO. 60T53

PROFESSIONAL ENGINEER'S SIGN & SEAL

Peter M. Johnston

062-047647
REGISTERED
PROFESSIONAL
ENGINEER
OF
ILLINOIS

EXPIRES: 11-30-13

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED: *MARCH 15 2013*

John F. [Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

April 26 2013
John D. Baranzello, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

April 26 2013
Omer Osman, P.E./a
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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9	SN 016-0623 VINCENNES ROAD OVER THORN CREEK - EROSION PLAN
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11	SN 016-0954 IL 83 AT LITTLE CALUMET RIVER - SITE PLAN
12	SN 016-0954 IL 83 AT LITTLE CALUMET RIVER - EROSION PLAN
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37	SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES (TC 17)
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HIGHWAY STANDARDS

STD. NO.	TITLE
04-701006	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
03-701101	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
04-701201	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS • 45 MPH
04-701301	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
06-701400	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
07-701401	LANE CLOSURE, FREEWAY/EXPRESSWAY
07-701406	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
07-701421	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS • 45 MPH TO 55 MPH
05-701456	PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY
08-701601	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
08-701606	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
08-701701	URBAN LANE CLOSURE, MULTILANE INTERSECTION
08-701801	LANE CLOSURE, MULTILANE, 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
05-701901	TRAFFIC CONTROL DEVICES

701001-02

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT 8-1-1 OR (800) 892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES (48 HOUR NOTIFICATION IS REQUIRED).
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- ALL PERMITS AND FEES NEEDED TO OBTAIN ACCESS TO VARIOUS LOCATIONS FROM VILLAGE LAND OR FOREST PRESERVE WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND INCIDENTAL TO THE COST OF THE STONE RIPRAP.
- EXCAVATION INTO THE STREAM BED FOR STONE RIPRAP INSTALLATION SHALL NOT BE DEEPER THAN THE BOTTOM OF THE FOOTING ON THE PIER OR ABUTMENT TO BE PROTECTED.
- DEBRIS REMOVAL, IF ENCOUNTERED, SHALL BE INCLUDED IN THE COST OF THE STONE RIPRAP.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL DIMENSIONS & CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION ORDERING OF MATERIAL.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE ARTERIAL TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT EXPRESSWAY TRAFFIC CONTROL SUPERVISOR AT (847) 705-4155 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK ON I-55 OR I-57.

GENERAL NOTES

- ALL AREAS (INCLUDING WETLAND AREAS) OUTSIDE THE LIMITS OF RIPRAP PLACEMENT AND/OR EXCAVATION WHICH ARE DISTURBED (WHERE EXISTING SOIL CONTOURS HAVE BEEN ALTERED AND/OR EXISTING VEGETATION HAD BEEN DESTROYED BY THE CONTRACTORS OPERATIONS) SHALL BE RESTORED BY REGRADING TO THE ORIGINAL CONTOURS AND/OR SEEDING WITH SEEDING, CLASS 4, AND MULCHING WITH EROSION CONTROL BLANKETS. PLACE TEMPORARY SEEDING AND TEMPORARY EROSION CONTROL BLANKETS AS NEEDED. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT THE COSTS SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICES FOR THE CONSTRUCTION ITEMS INVOLVED, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ANY BRUSH AND TREE REMOVAL TO GET ACCESS SHOULD BE INCIDENTAL TO THE COST OF THE STONE RIPRAP.
- THE CONTRACTOR IS ADVISED TO AVOID OR MINIMIZE ANY DISTURBANCE TO EXISTING VEGETATION OUTSIDE THE LIMITS OF RIPRAP PLACEMENT AND CHANNEL EXCAVATION.
- THE CONTRACTOR MUST PROTECT PAVEMENT WHEN DUMPING RIPRAP ONTO PAVEMENT AND WILL BE RESPONSIBLE FOR RESTORING PAVEMENT MARKINGS.
- ANY GUARDRAIL OR SIGNS DAMAGED BY THE CONTRACTORS OPERATIONS SHALL BE REPLACED IN KIND AT THE CONTRACTORS EXPENSE.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- THE CONTRACTOR SHALL COMPLETE ALL WORK OVER THE SIDE OF THE BRIDGE USING DAYTIME LANE CLOSURES ONLY. NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED WHEN THE CONTRACTOR IS NOT WORKING.
- THE CONTRACTOR SHALL SUBMIT DEWATERING AND SEDIMENT CONTROL PLANS FOR EACH SITE TO THE ENGINEER FOR APPROVAL.
- THE CONTRACTOR SHALL CONTACT THE ENGINEER AFTER DEWATERING FOR FINAL RIPRAP OR SLOPE MATTRESS PLACEMENT.
- UNLESS OTHERWISE NOTED, EXCAVATION OF MATERIAL REQUIRED TO INSTALL STONE RIPRAP SHALL BE INCLUDED IN THE ITEM BEING INSTALLED.
- THERE WILL BE NO PERMANENT OR OVERNIGHT LANE CLOSURES WILL BE ALLOWED ON ARTERIAL ROUTES FOR THIS CONTRACT (EXCLUDING LOCATIONS 4 AND 7).
- THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

3/2/2013 11:24:10 AM

GRÖEF 8501 N. Higgins Road, Suite 200
O'Fallon, Illinois 60631
(773) 399-0112

USER NAME • 1485	DESIGNED -	REVISED -
PLOT SCALE • 48.0000' / in.	DRAWN -	REVISED -
PLOT DATE • 3/12/2013	CHECKED -	REVISED -
	DATE - 03/20/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COOK & WILL COUNTY RIP RAP IMPROVEMENTS
INDEX OF SHEETS, HIGHWAY STANDARDS AND GENERAL NOTES
SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	2012-007 I	COOK/WILL	38	2
•	VARIOUS ROUTES			
			CONTRACT NO. 60T53	
[ILLINOIS] FEO. AID PROJECT				

Rev.

PAY ITEM NUMBER	DESCRIPTION	UNIT	URBAN 100% STATE TOTAL QUANTITY	0014								
				LOCATION 1 VINCENNES ROAD COOK CO	LOCATION 2 IL 83 COOK CO	LOCATION 3 GOVERNOR'S HWY COOK CO	LOCATION 4 I-55 SB RAMP WILL CO	LOCATION 5 US 52 WILL CO	LOCATION 6 IL 53 WILL CO	LOCATION 7 I-57 WILL CO	LOCATION 8 IL 59 WILL CO	
20300100	CHANNEL EXCAVATION	CU YD	130		130							
28100207	STONE RIPRAP, CLASS A4	TON	242	11	11	2	55	52	13	92	6	
28200200	FILTER FABRIC	SQ YD	192	14	16	3	26	38	9	75	11	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
67100100	MOBILIZATION	L SUM	1	0.12	0.13	0.13	0.12	0.13	0.12	0.13	0.12	0.12
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1							1		
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1								
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1								1	
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1				1					
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1			0.5		0.5				
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1		0.5							0.5
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1			0.34			0.33			0.33
X0301852	DEWATERING STRUCTURE NO. 1	EACH	1	1								
X0301853	DEWATERING STRUCTURE NO. 2	EACH	1		1							
X0301854	DEWATERING STRUCTURE NO. 3	EACH	1			1						
X0301856	DEWATERING STRUCTURE NO. 5	EACH	1					1				
X0301858	DEWATERING STRUCTURE NO. 7	EACH	1							1		
X0301859	DEWATERING STRUCTURE NO. 8	EACH	1									1
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1				0.5			0.5		
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	408	51	51	51	51	51	51	51	51	51

* 66900200 NON-SPECIAL WASTE DISPOSAL CUYD 125 12 16 8 13 30 8 30 8
 * 66900450 SPECIAL WASTE PLANS AND REPORTS L SUM 1 0.125 0.125 0.125 0.125 0.125 0.125 0.125 0.125
 * 66900530 SOIL DISPOSAL ANALYSIS EACH 8 1 1 1 1 1 1 1 1

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USER NAME - 1495	DESIGNED -	REVISED -
DRAWN -	CHECKED -	REVISED -
PL01 SCALE - 48.0000' / 1" =	CHECKED -	REVISED -
PL01 DATE - 3/12/2013	DATE - 03/20/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

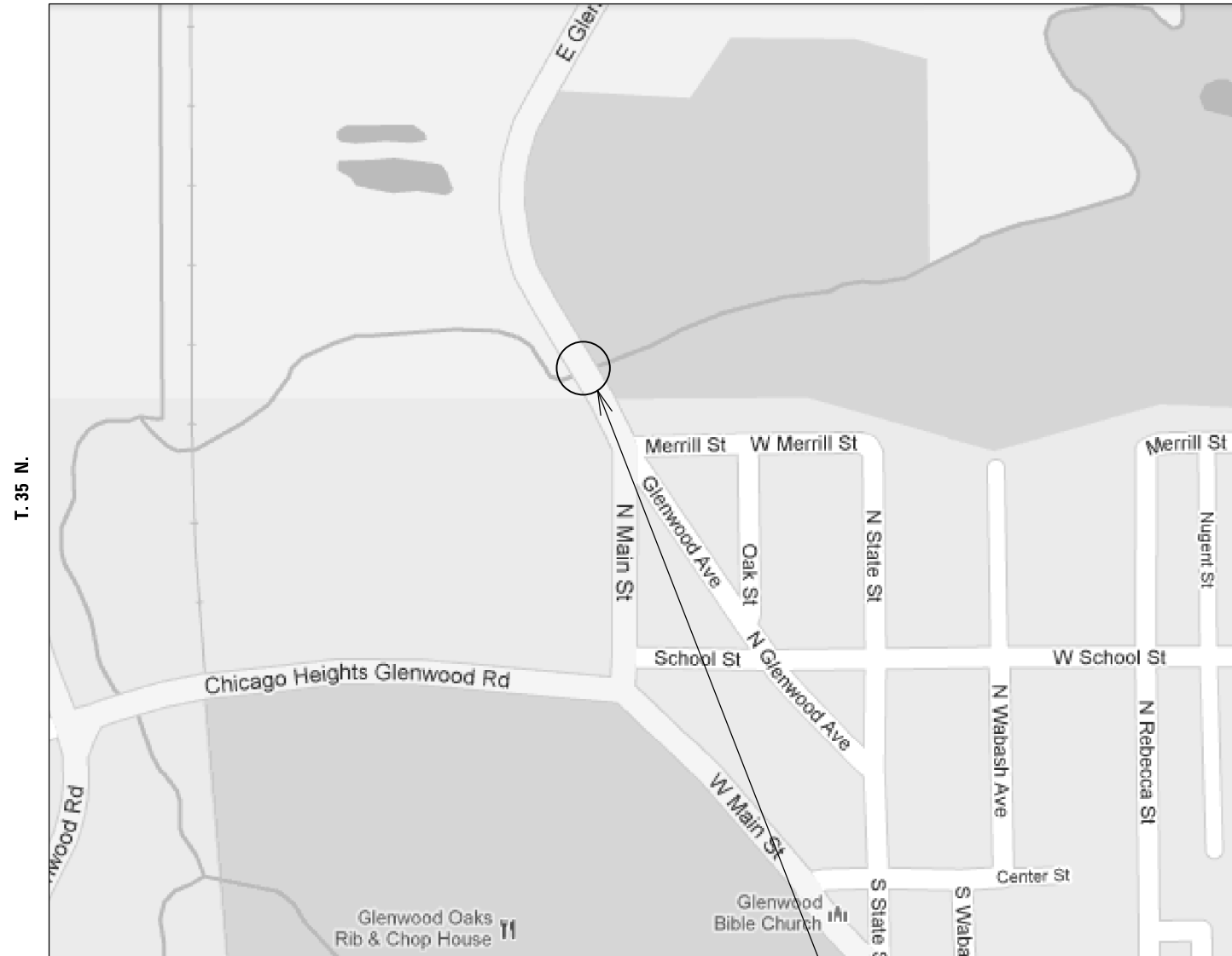
COOK & WILL COUNTY RIP RAP IMPROVEMENTS			
SUMMARY OF QUANTITIES			
SCALE: 1"=20'	SHEET 1	OF 1	SHEETS
STA.	TO STA.		

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2012-007 I	COOK/WILL	38	3
* VARIOUS ROUTES		CONTRACT NO.	60T53	
ILLINOIS FED. AID PROJECT				

Rev.

TRAFFIC DATA
 EXISTING ADT = 4,800
 SPEED LIMIT = 35 MPH

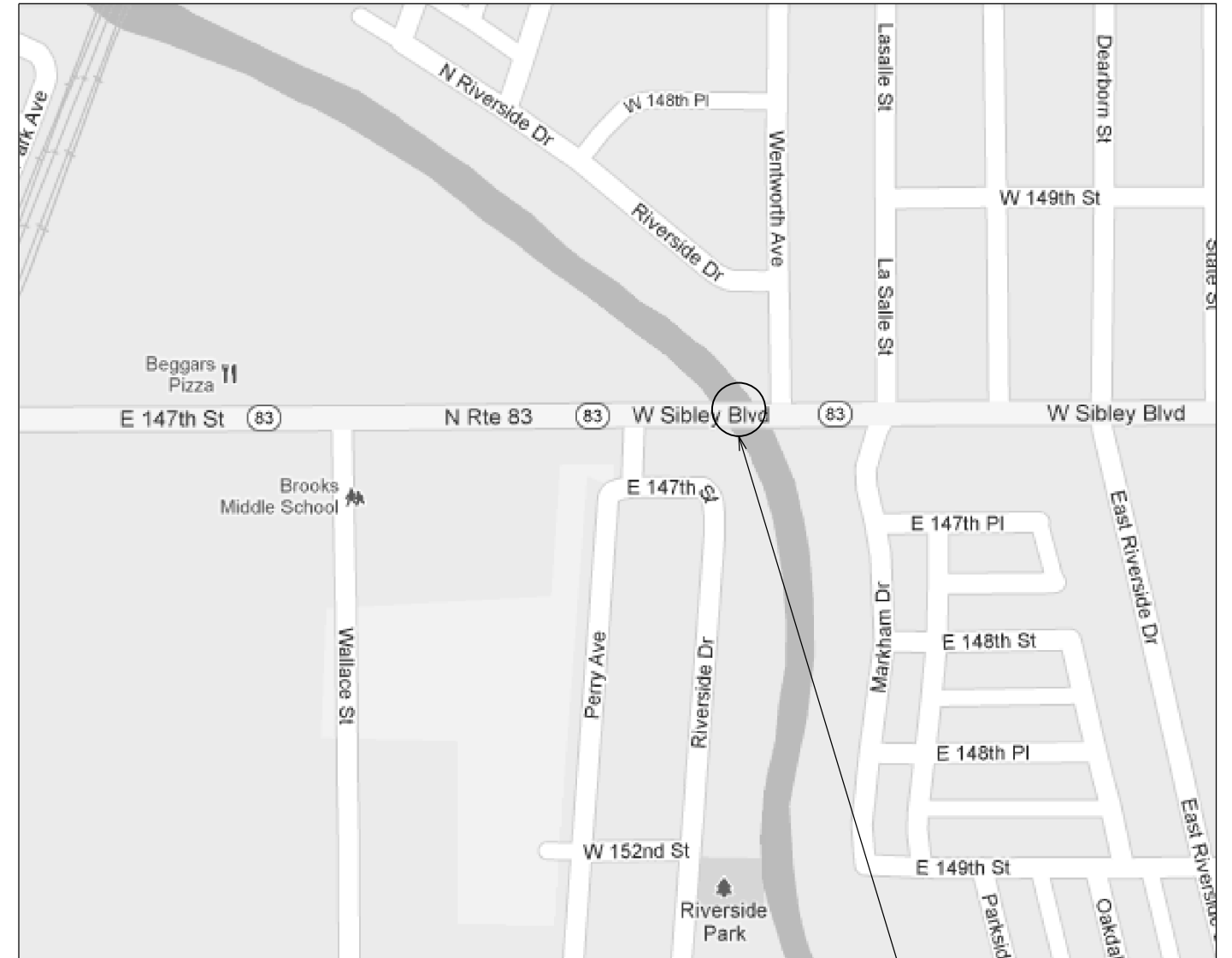
R. 15 E.



LOCATION 1
 VINCENNES ROAD
 OVER THORN CREEK
 0.7 MILES SOUTH OF 183RD STREET
 SN 016-0623
 VILLAGE OF GLENWOOD
 IN BLOOM TOWNSHIP

TRAFFIC DATA
 EXISTING ADT = 29,600
 SPEED LIMIT = 35 MPH

R. 14 E.



LOCATION 2
 IL 83
 OVER LITTLE CALUMET RIVER
 1.0 MILES EAST OF IL 1
 SN 016-0954
 CITY OF HARVEY
 IN THORNTON TOWNSHIP

3/12/2013 10:24:01 AM



USER NAME = 1485	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/12/2013	DATE - 03/20/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COOK & WILL COUNTY RIP RAP IMPROVEMENTS
LOCATION MAP

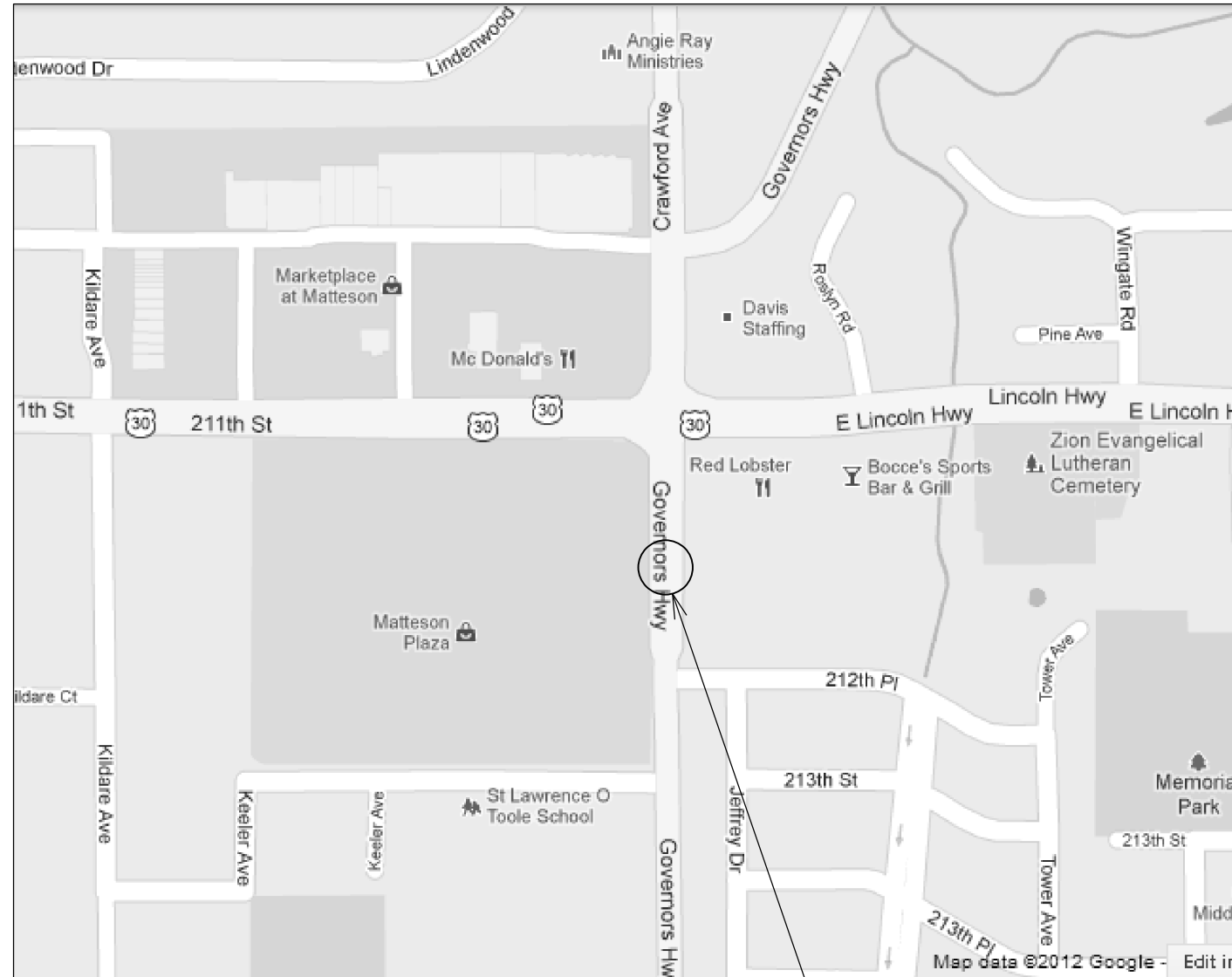
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2012-007 I	COOK/WILL	38	4
* VARIOUS ROUTES		CONTRACT NO. 60T53		

ILLINOIS FED. AID PROJECT

TRAFFIC DATA
 EXISTING ADT = 18,600
 SPEED LIMIT = 45 MPH

R. 13 E.



LOCATION 3
 GOVERNOR'S HIGHWAY
 OVER BUTTERFIELD CREEK
 0.05 MILES SOUTH OF US 30
 SN 016-2505
 VILLAGE OF MATTESON
 IN RICH TOWNSHIP

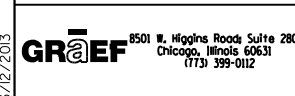
TRAFFIC DATA
 EXISTING ADT = 200
 SPEED LIMIT = 45 MPH

R. 9 E.



LOCATION 4
 I-55 SOUTH BOUND RAMP FROM IL 113
 OVER CLAY POOL CREEK
 JUST SOUTH OF IL 113
 SN 099-0241
 CITY OF BRAIDWOOD
 IN REED TOWNSHIP

3/12/2013 11:24:05 AM



USER NAME = 1485	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/12/2013	DATE - 03/20/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

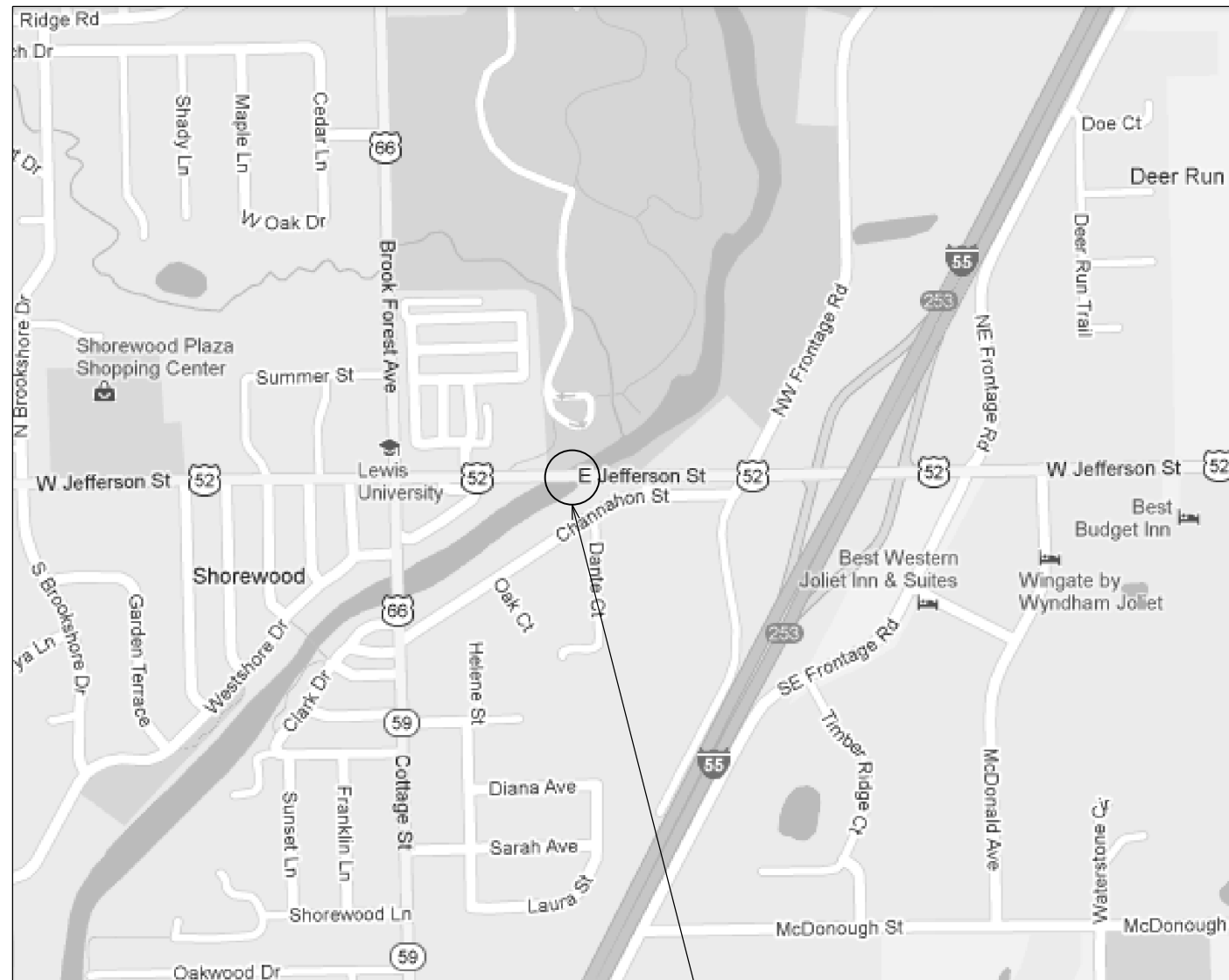
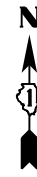
COOK & WILL COUNTY RIP RAP IMPROVEMENTS
LOCATION MAP

SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2012-007 I	COOK/WILL	38	5
• VARIOIUS ROUTES			CONTRACT NO. 60T53	
ILLINOIS FED. AID PROJECT				

TRAFFIC DATA
 EXISTING ADT = 27,500
 SPEED LIMIT = 40 MPH

R. 9 E.

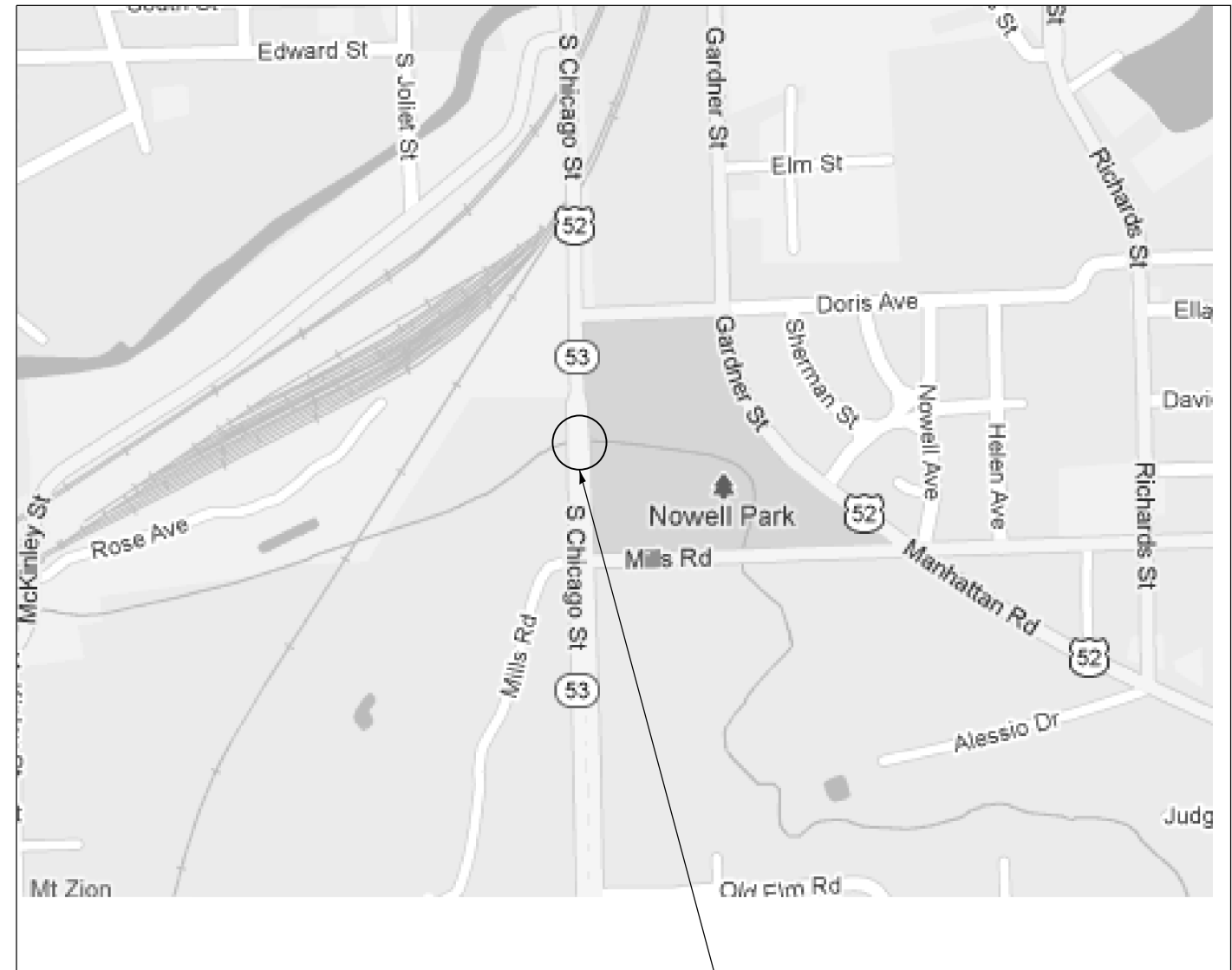


T. 35 N.

LOCATION 5
 US 52
 OVER DUPAGE RIVER
 0.2 MILES EAST OF IL 59
 SN 099-0276
 VILLAGE OF SHOREWOOD
 IN TROY TOWNSHIP

TRAFFIC DATA
 EXISTING ADT = 15,000
 SPEED LIMIT = 40 MPH

R. 10 E.



T. 37 N.

LOCATION 6
 IL 53
 OVER SUGAR CREEK
 0.5 MILES SOUTH OF I-80
 SN 099-0295
 CITY OF JOLIET
 IN DUPAGE TOWNSHIP

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DRAWN -	REVISED -	
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/12/2013	DATE - 03/20/2013	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

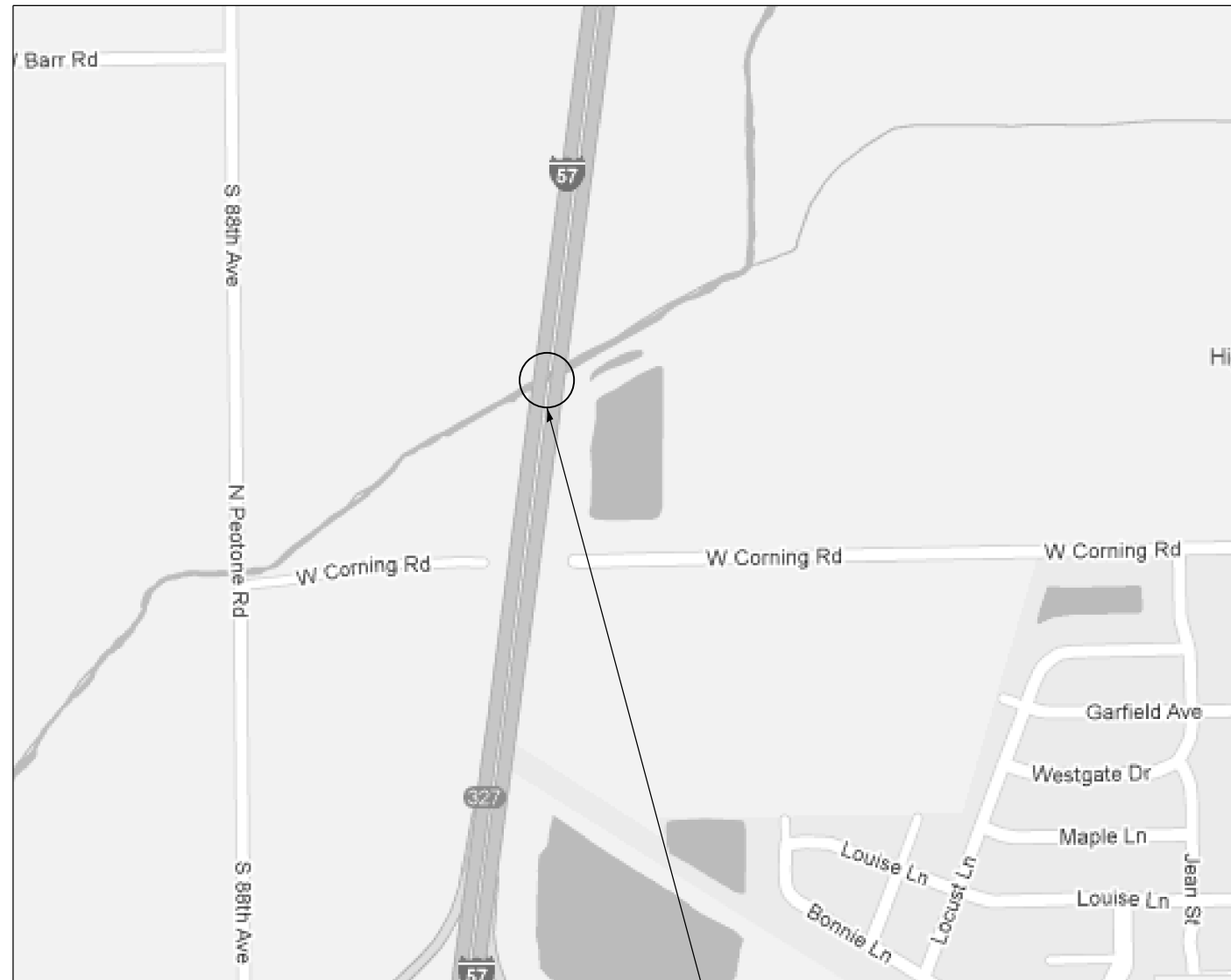
COOK & WILL COUNTY RIP RAP IMPROVEMENTS
 LOCATION MAP

SCALE: 1"=20' SHEET 3 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	2012-007 I	COOK/WILL	38	6
• VARIOUS ROUTES		CONTRACT NO. 60T53		
ILLINOIS FED. AID PROJECT				

TRAFFIC DATA
 EXISTING ADT = 30,600
 SPEED LIMIT = 65 MPH

R. 12 E.

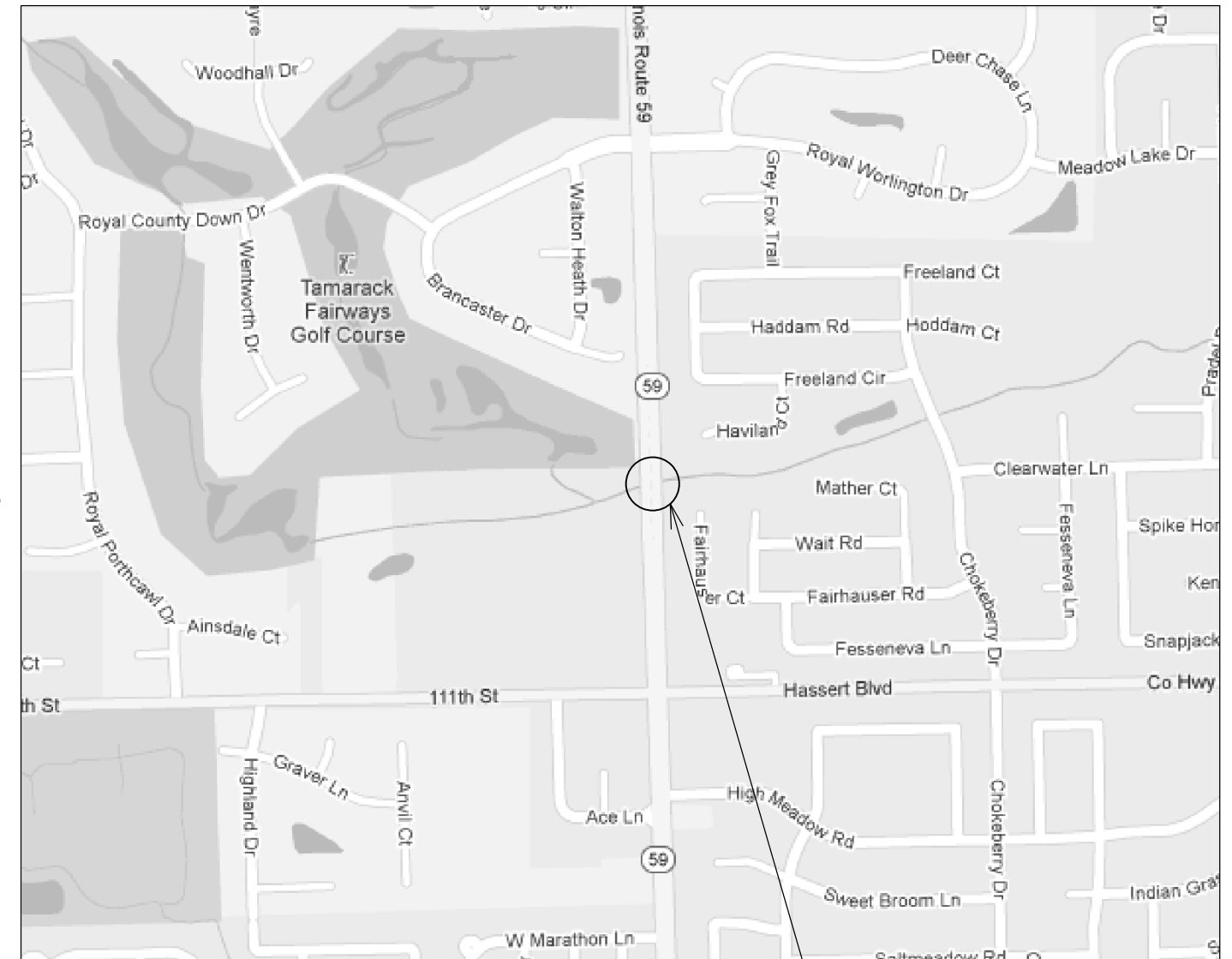


T. 33 N.

LOCATION 7
I-57
AT ROCK CREEK
12.5 MILES SOUTH OF US 30
SN 099-2001
VILLAGE OF PEOTONE
IN PEOTONE TOWNSHIP

TRAFFIC DATA
 EXISTING ADT = 41,300
 SPEED LIMIT = 45 MPH

R. 9 E.



T. 37 N.

LOCATION 8
IL 59
OVER CLOW CREEK
0.28 MILES NORTH OF 111TH STREET
SN 099-4618
CITY OF NAPERVILLE
IN WHEATLAND TOWNSHIP

3/12/2013 11:24:25 AM



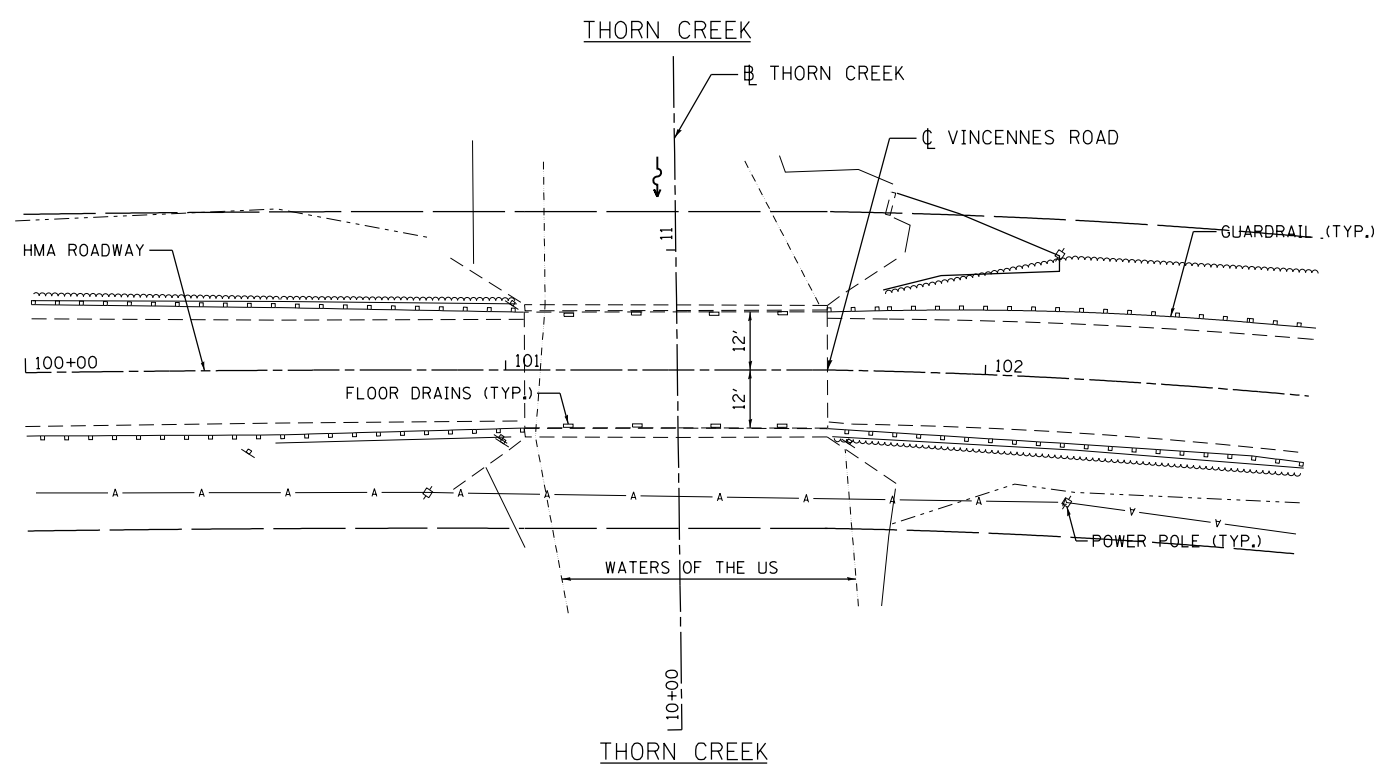
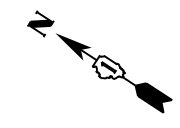
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DRAWN -	REVISED -	
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/12/2013	DATE - 03/20/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COOK & WILL COUNTY RIP RAP IMPROVEMENTS
LOCATION MAP

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	2012-007 I	COOK/WILL	38	7
• VARIOUS ROUTES		CONTRACT NO. 60T53		
ILLINOIS FED. AID PROJECT				



3/12/2013 11:24:30 AM



USER NAME = 1485	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/12/2013	DATE - 03/20/2013	REVISED -

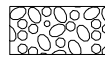
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COOK & WILL COUNTY RIP RAP IMPROVEMENTS
SN 016-0623 VINCENNES ROAD OVER THORN CREEK - SITE PLAN

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2012-007 I	COOK/WILL	38	8
• VARIOIUS ROUTES			CONTRACT NO. 60T53	
ILLINOIS FED. AID PROJECT				

LEGEND

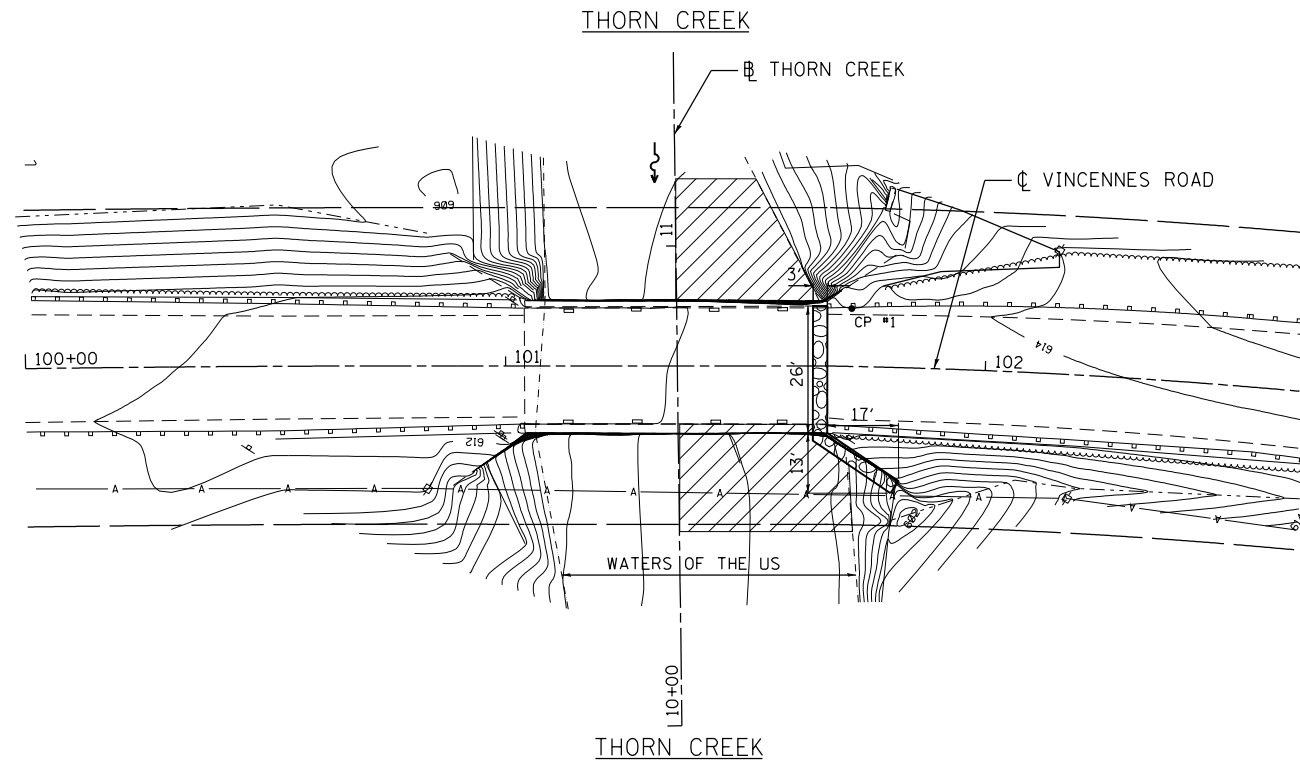
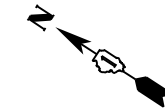


PERMANENT IMPACTS TO THE WATERS OF THE U.S. = 0.02 ACRES
STONE RIPRAP, CLASS A4 (1' THICK) - 11 TONS

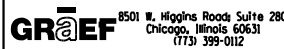


TEMPORARY IMPACTS TO THE WATERS OF THE U.S. = 0.031 ACRES

- CP 1 - SET REBAR AT THE SOUTH EASTERLY CORNER OF THE BRIDGE DECK
- CP 2 - FOUND PK NAIL IN ASPHALT AT THE NORTH WESTERLY CORNER OF VINCENNES AND MERRILL STREET ELEV. = 617.58



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USER NAME = 1485	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/12/2013	DATE - 03/20/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COOK & WILL COUNTY RIP RAP IMPROVEMENTS
SN 016-0623 VINCENNES ROAD OVER THORN CREEK - EROSION PLAN**

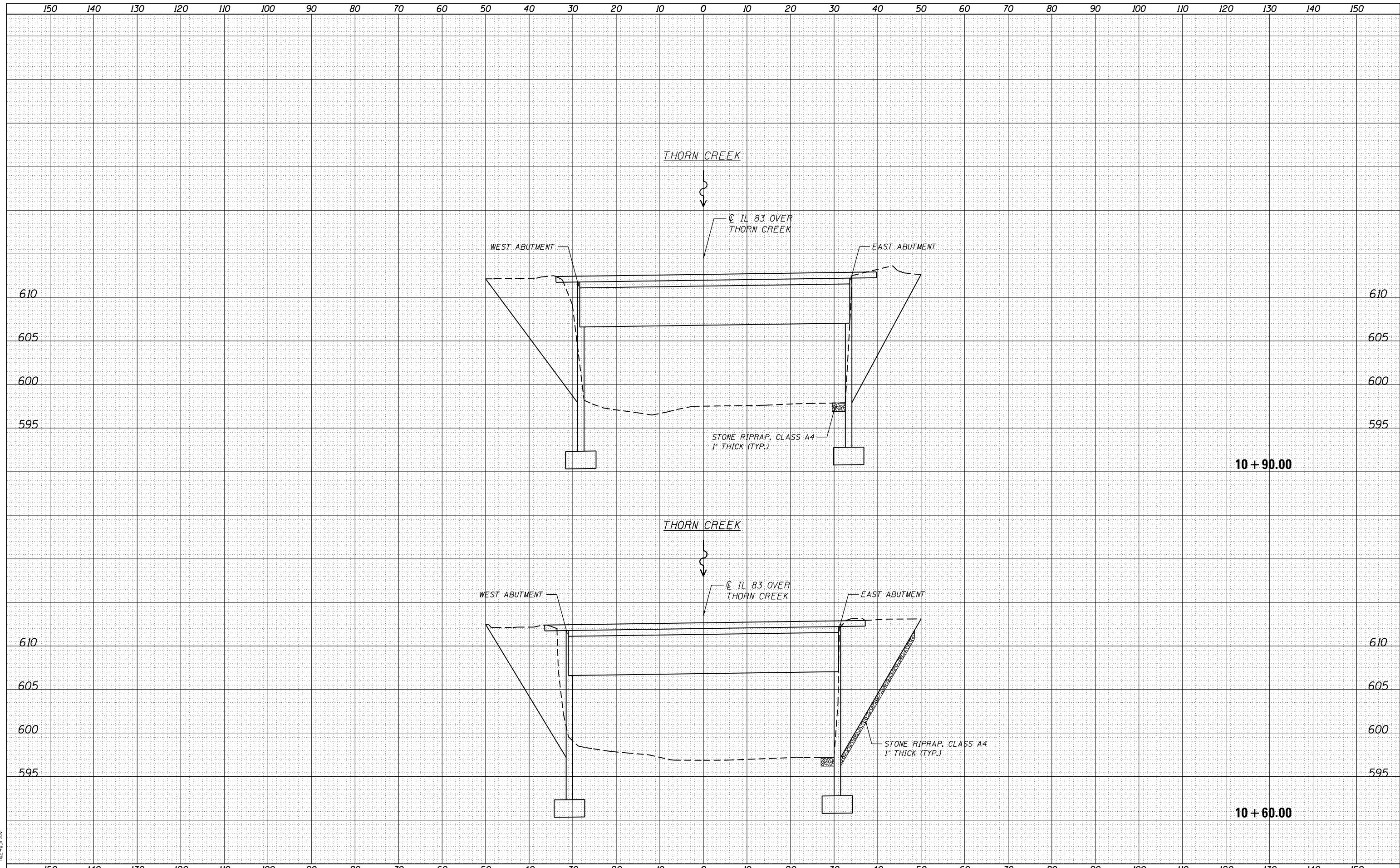
SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2012-007 I	COOK/WILL	38	9
• VARIOIUS ROUTES			CONTRACT NO. 60T53	
ILLINOIS FED. AID PROJECT				

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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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ORIGINAL SURVEY	SURVEYED
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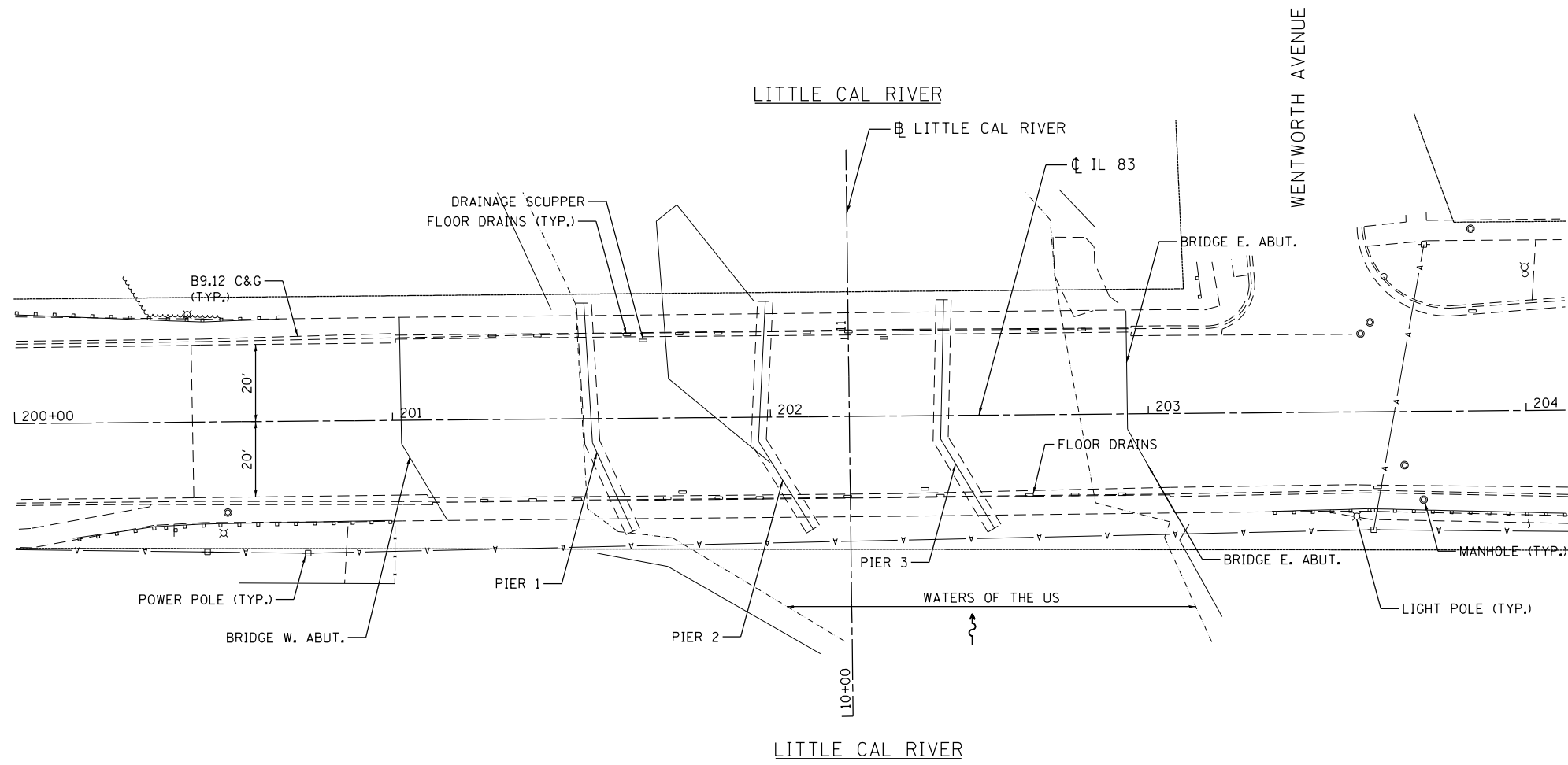
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PLOT DATE = 3/12/2013	DATE - 03/20/2013	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

COOK & WILL COUNTY RIP RAP IMPROVEMENTS
SN 016-0623 VINCENNES ROAD OVER THORN CREEK - CROSS SECTIONS

SCALE: SHEET 1 OF 1 SHEETS STA. 10+60.00 TO STA. 10+90.00

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	2012-007 I	COOK/WILL	38	10
•	VARIOUS ROUTES	CONTRACT NO.	60T53	
ILLINOIS FED. AID PROJECT				



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PLOT DATE = 3/12/2013	DATE - 03/20/2013	REVISED -

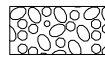
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COOK & WILL COUNTY RIP RAP IMPROVEMENTS
 SN 016-0954 IL 83 AT LITTLE CAL RIVER - SITE PLAN**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2012-007 I	COOK/WILL	38	11
* VARIOUS ROUTES			CONTRACT NO. 60T53	
ILLINOIS FED. AID PROJECT				

LEGEND



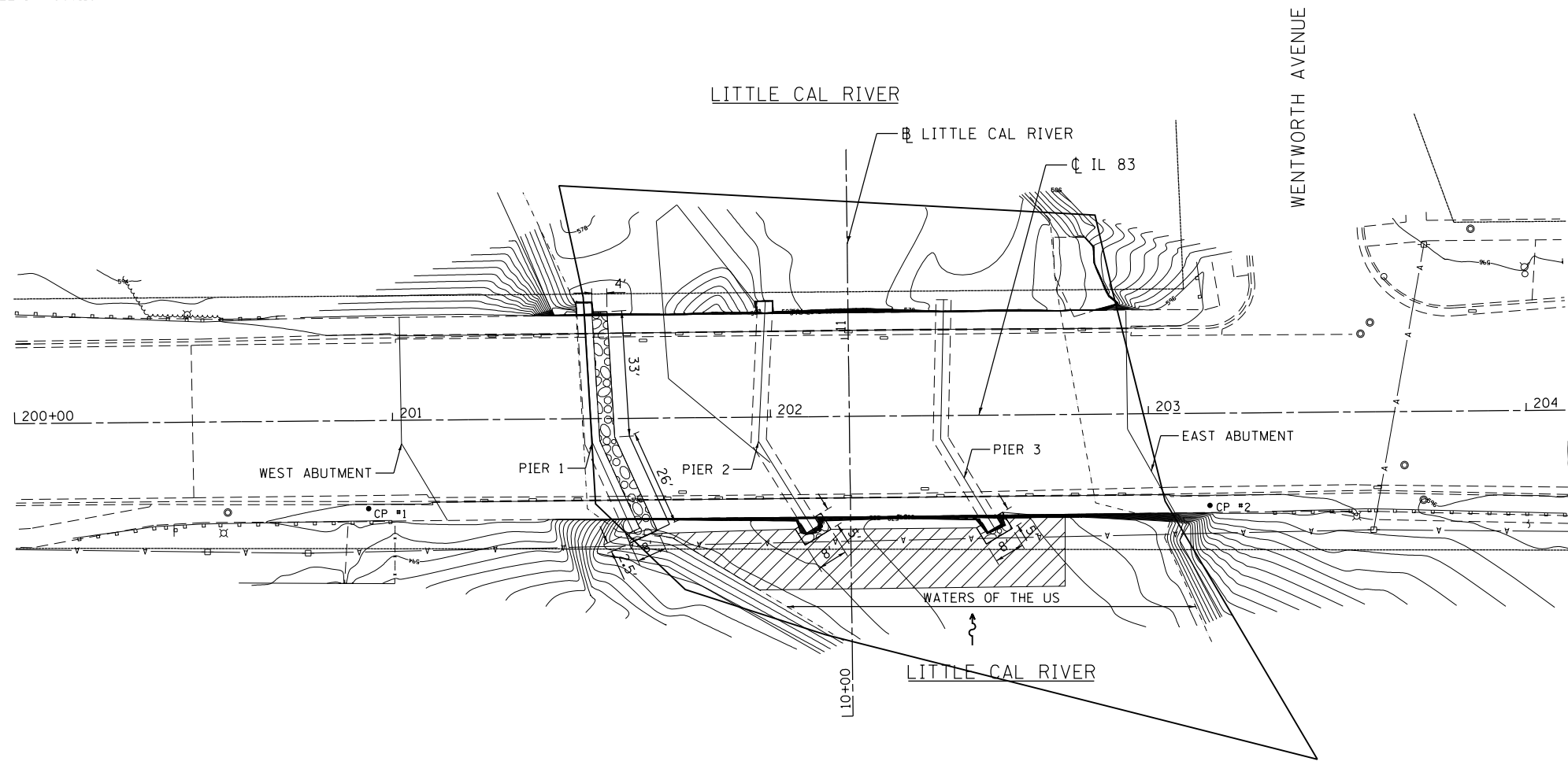
PERMANENT IMPACTS TO THE WATERS OF THE U.S. = 0.009 ACRES
STONE RIPRAP, CLASS A4 (1' THICK) - 11 TONS



TEMPORARY IMPACTS TO THE WATERS OF THE U.S. = 0.034 ACRES

CP 1 - SET "X" IN THE CONCRETE WALK ON THE SOUTH SIDE OF IL 83 WEST OF THE BRIDGE
ELEV. = 596.10

CP 2 - SET "X" IN THE CONCRETE WALK ON THE SOUTH SIDE OF IL 83 EAST OF THE BRIDGE
ELEV. = 596.19



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PLOT DATE = 3/12/2013	CHECKED -	REVISED -
	DATE - 03/20/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COOK & WILL COUNTY RIP RAP IMPROVEMENTS
SN 016-0954 IL 83 AT LITTLE CAL RIVER - EROSION PLAN**

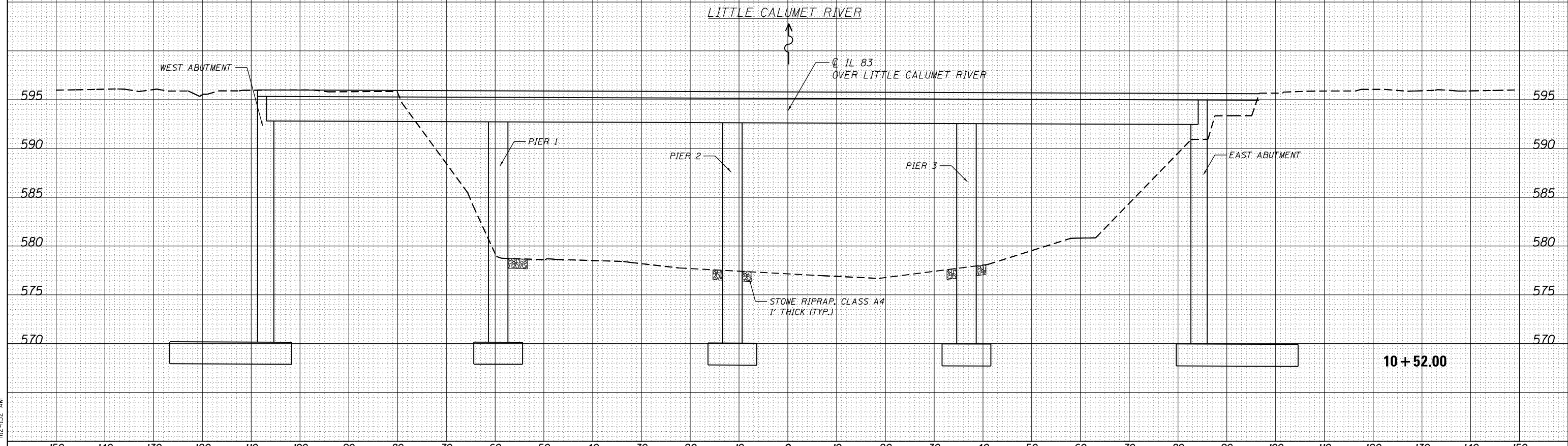
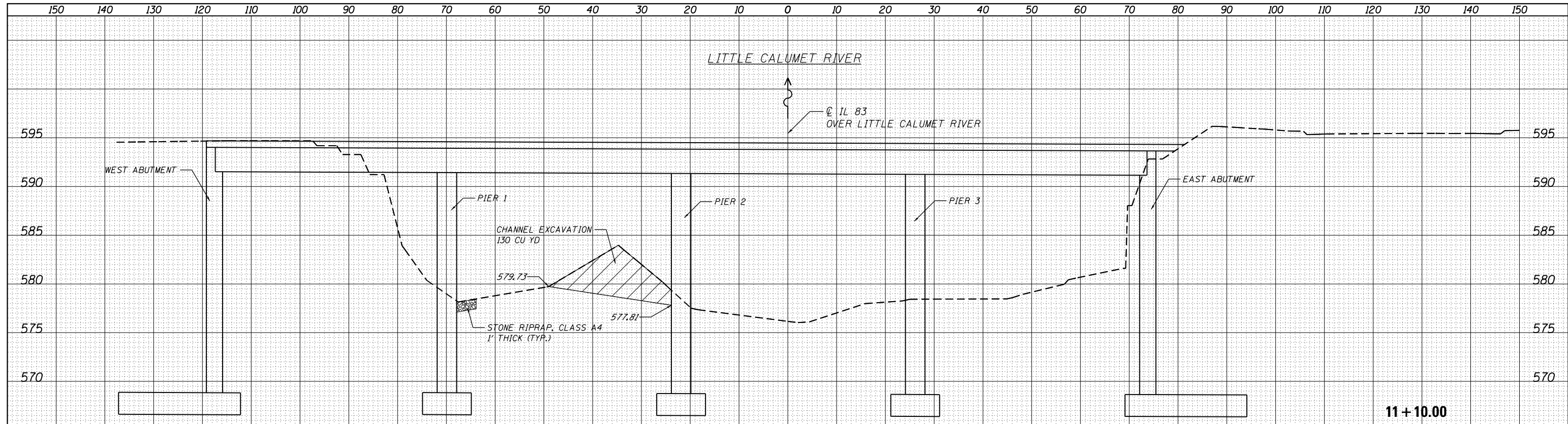
SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2012-007 I	COOK/WILL	38	12
* VARIOIUS ROUTES			CONTRACT NO. 60T53	
ILLINOIS FED. AID PROJECT				

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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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ORIGINAL SURVEY	SURVEYED
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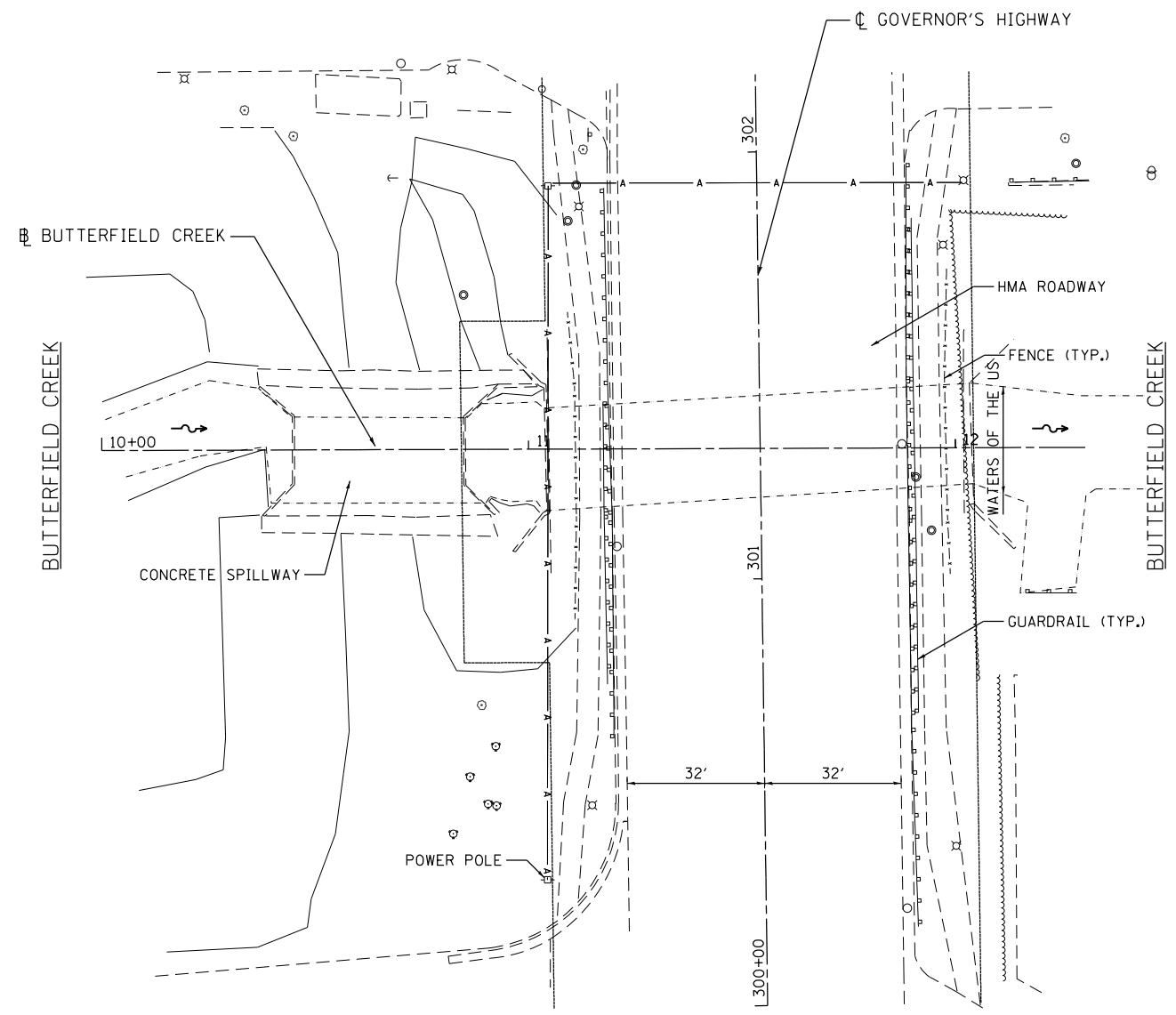
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PLOT DATE = 3/12/2013	DATE - 03/20/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COOK & WILL COUNTY RIP RAP IMPROVEMENTS
SN 016-0954 IL 83 AT LITTLE CAL RIVER - CROSS SECTIONS**

SCALE: SHEET 1 OF 1 SHEETS STA. 10+52.00 TO STA. 11+10.00

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2012-007 I	COOK/WILL	38	13
• VARIOUS ROUTES		CONTRACT NO. 60T53		
ILLINOIS FED. AID PROJECT				



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PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/12/2013	DATE - 03/20/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COOK & WILL COUNTY RIP RAP IMPROVEMENTS
SN 016-2505 GOVERNOR'S HIGHWAY OVER BUTTERFIELD CREEK - SITE PLAN

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2012-007 I	COOK/WILL	38	14
• VARIOUS ROUTES			CONTRACT NO. 60T53	

ILLINOIS FED. AID PROJECT

LEGEND



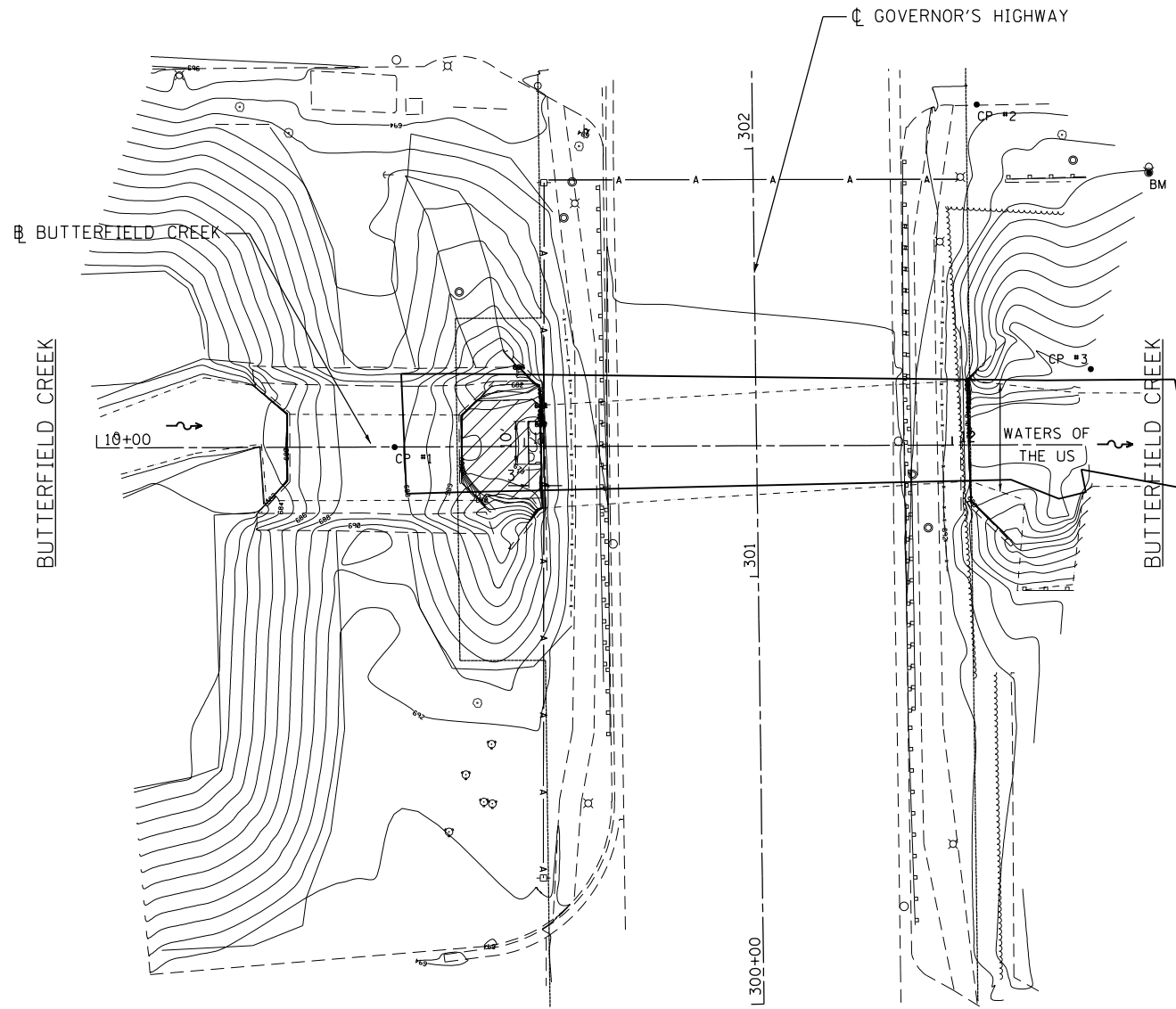
PERMANENT IMPACTS TO THE WATERS OF THE U.S. = 0.0007 ACRES
STONE RIPRAP, CLASS A4 (1' THICK) - 2 TONS



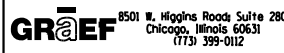
TEMPORARY IMPACTS TO THE WATERS OF THE U.S. = 0.009 ACRES

- CP 1 - CUT "X" INTO CENTER OF CONCRETE SPILLWAY
ELEV = 688.38
- CP 2 - CUT "X" ON TOP OF BARRIER CURB SOUTH OF DRIVEWAY INOT RED LOBSTER
ELEV = 692.60
- CP 3 - SET REBAR IN NORTH OF CREEK
- BM 1 - "X" AT THE SOUTHWEST FLANGE BOLD
ELEV = 691.59

NOTE:
PLACEMENT SHOULD NOT EXCEED
BOTTOM OF CULVERT OPENING



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

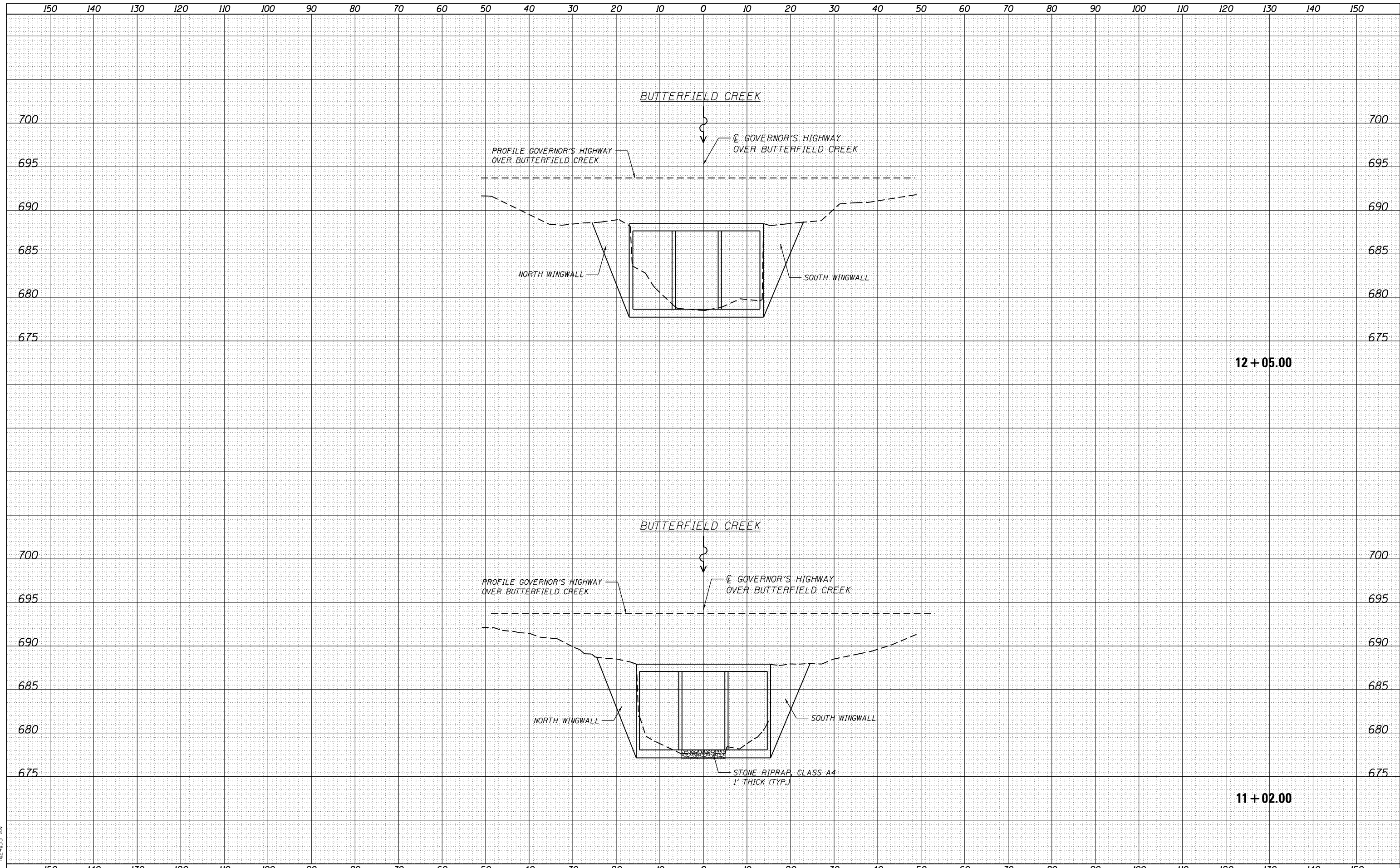
**COOK & WILL COUNTY RIP RAP IMPROVEMENTS
SN 016-2505 GOVERNOR'S HIGHWAY OVER BUTTERFIELD CREEK - EROSION PLAN**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2012-007 I	COOK/WILL	38	15
* VARIOUS ROUTES			CONTRACT NO. 60T53	
ILLINOIS FED. AID PROJECT				

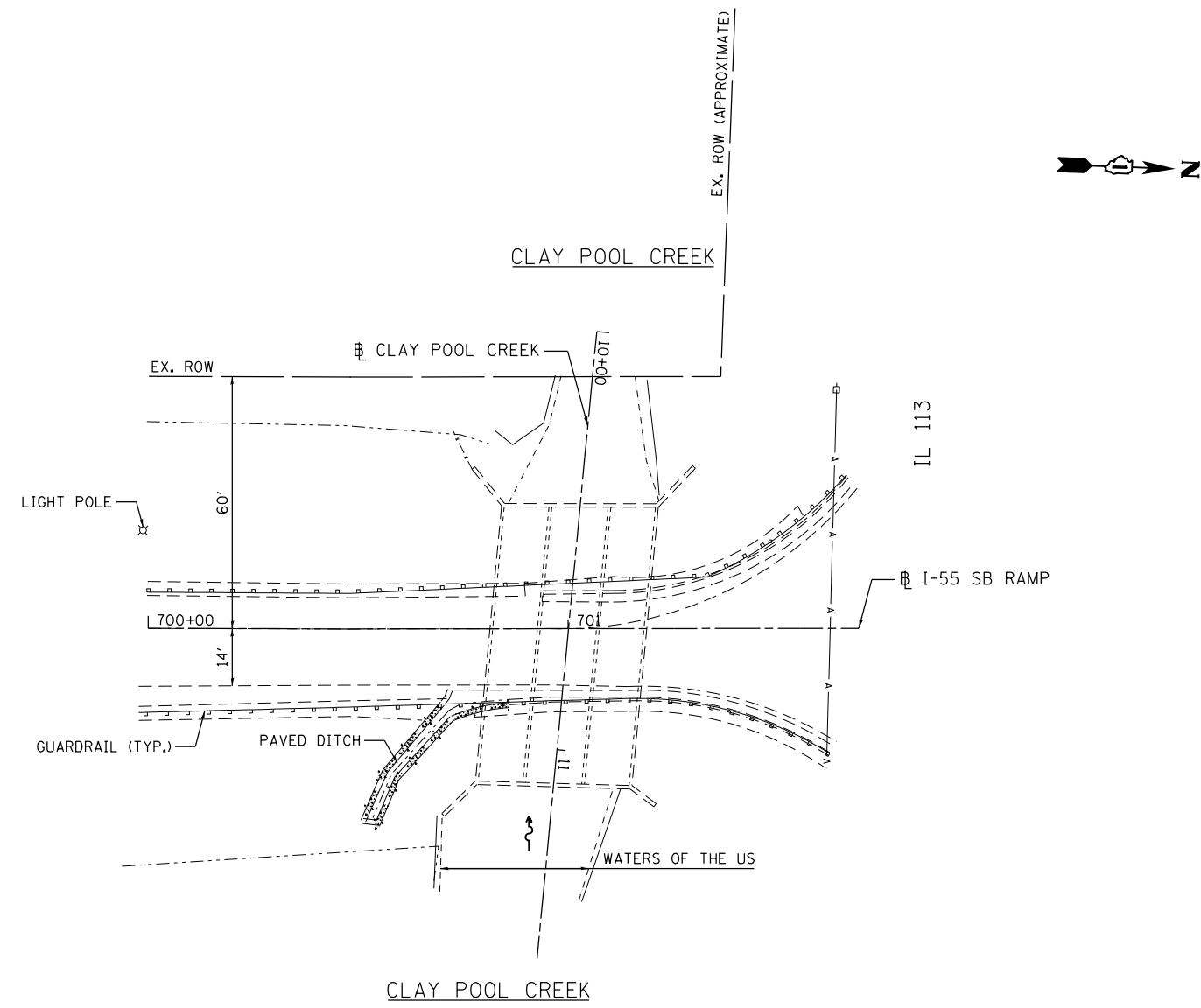
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FINAL SURVEY	SURVEYED
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8501 N. Higgins Road, Suite 280 Chicago, Illinois 60631 (773) 399-0112	USER NAME = 1485	DESIGNED - EF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COOK & WILL COUNTY RIP RAP IMPROVEMENTS SN 016-2505 GOVERNOR'S HWY OVER BUTTERFIELD CREEK - CROSS SECTIONS	F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20.0000' / in.	CHECKED - RS	REVISED -			• 2012-007 I	COOK/WILL	38	16	
	PLOT DATE = 3/12/2013	DATE - 03/20/2013	REVISED -			• VARIOUS ROUTES	CONTRACT NO. 60T53			
	SCALE: SHEET 1 OF 1 SHEETS STA. 11+02.00 TO STA. 12+05.00						ILLINOIS FED. AID PROJECT			



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PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/12/2013	DATE - 03/20/2013	REVISED -

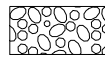
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

COOK & WILL COUNTY RIP RAP IMPROVEMENTS
SN 099-0241 IL 113 RAMP TO I-55 SB OVER CLAY POOL CREEK - SITE PLAN

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2012-007 I	COOK/WILL	38	17
• VARIOUS ROUTES			CONTRACT NO. 60T53	
ILLINOIS FED. AID PROJECT				

LEGEND

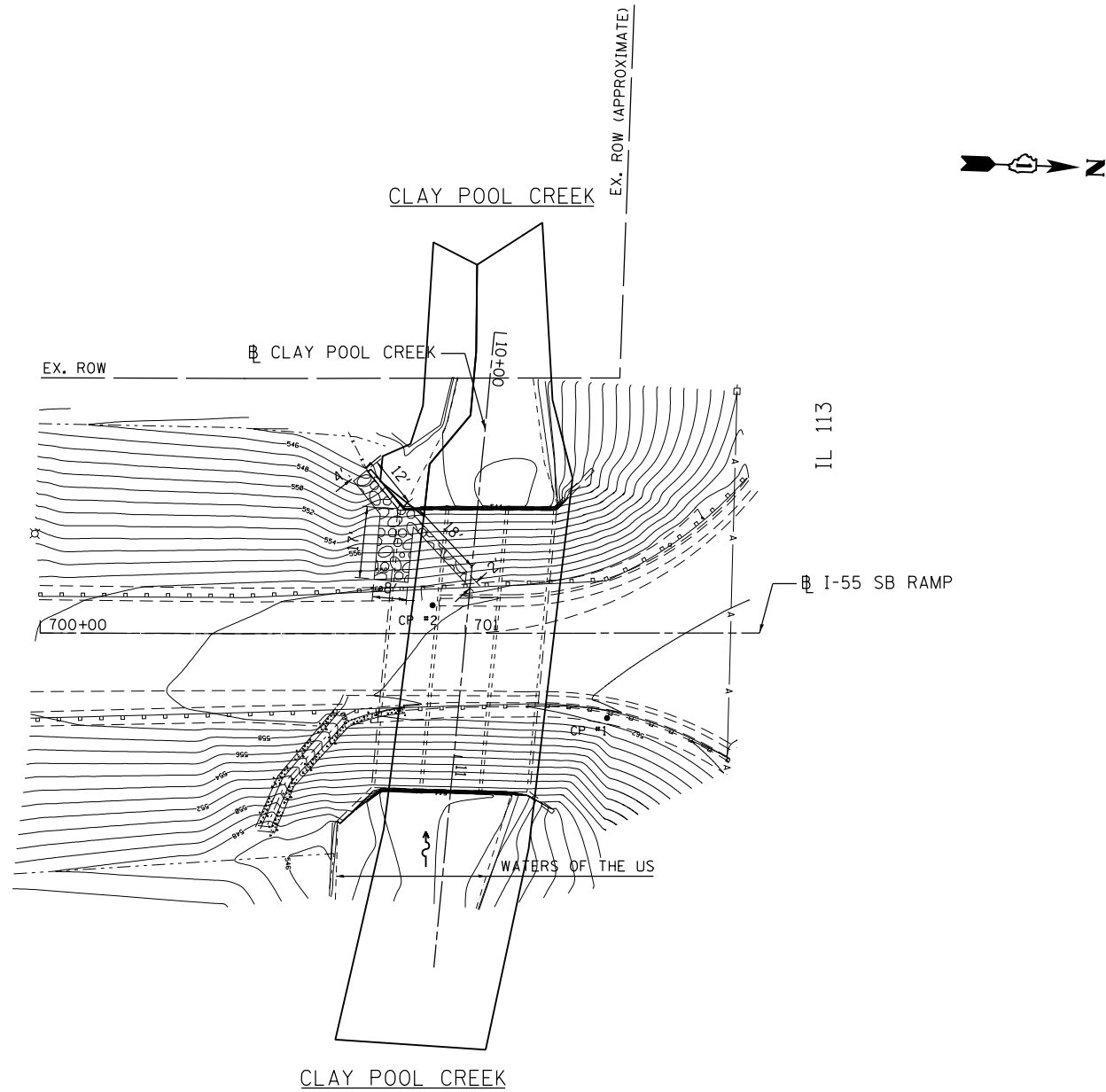


PERMANENT IMPACTS TO THE WATERS OF THE U.S. = 0.0 ACRES
 STONE RIPRAP, CLASS A4 - 55 TONS
 17'x8'x3'
 18'x2'x2'
 12'x4'x4'

- CP 1 - SET PK NAIL IN ASPHALT EAST OF THE GUARDRAIL
ELEV. = 562.14
- CP 2 - SET PK NAIL IN ASPHALT SHOULDER ON THE WEST SIDE OF THE RAMP
ELEV. = 560.88
- CP 3 - SET PK NAIL IN ASPHALT SHOULDER ON THE WEST SIDE OF THE RAMP TO SB I-55 FROM IL 113
ELEV. = 557.21

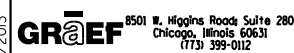
NOTE:

WORK PERFORMED IS ON TOP OF THE CULVERT AND ADJACENT TO THE RAMP



•CP #3

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PLOT DATE = 3/12/2013	DATE - 03/20/2013	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

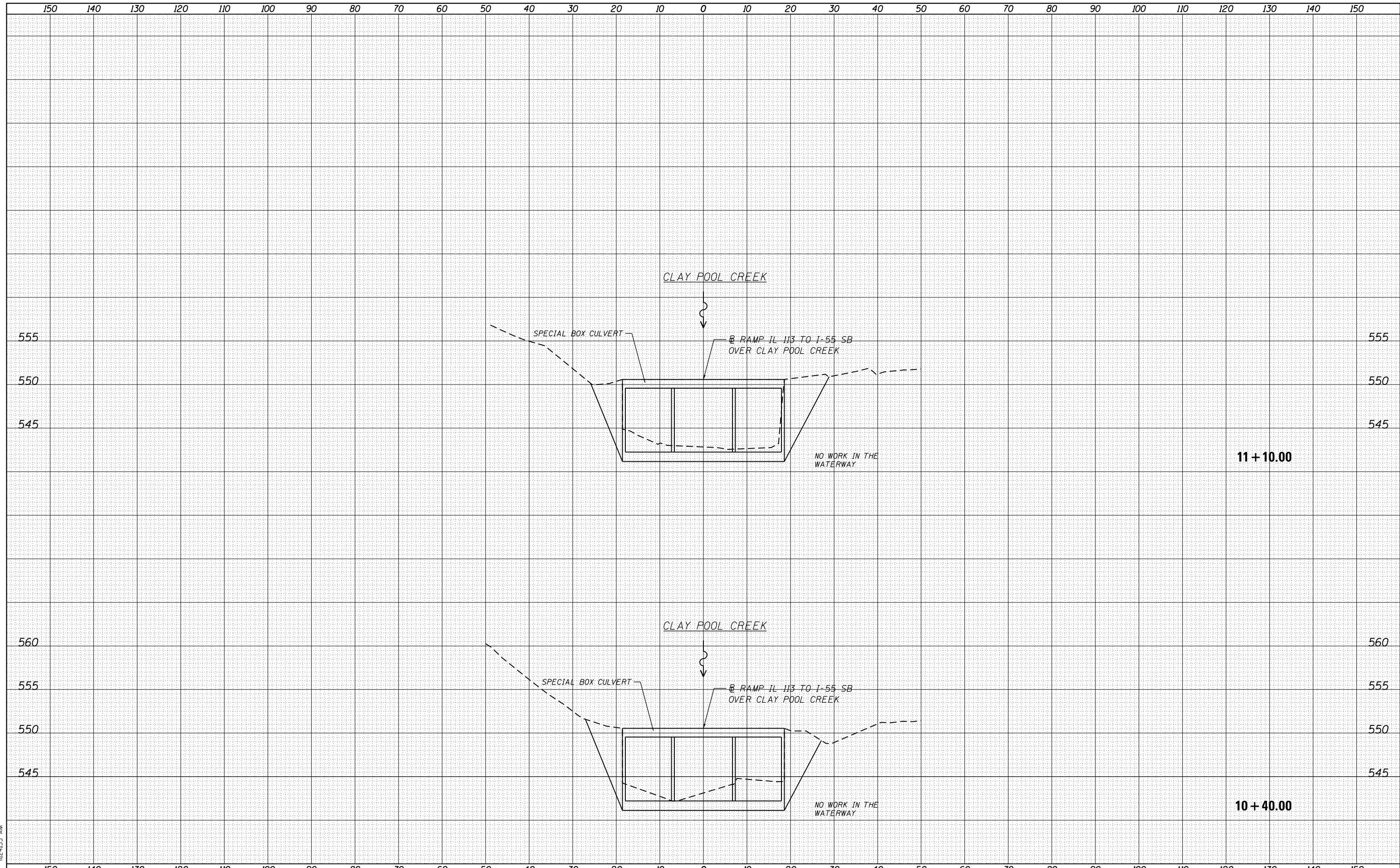
COOK & WILL COUNTY RIP RAP IMPROVEMENTS
SN 099-0241 IL 113 RAMP TO I-55 SB OVER CLAY POOL CREEK - EROSION PLAN
 SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2012-007 I	COOK/WILL	38	18
• VARIOIUS ROUTES			CONTRACT NO. 60T53	
ILLINOIS FED. AID PROJECT				

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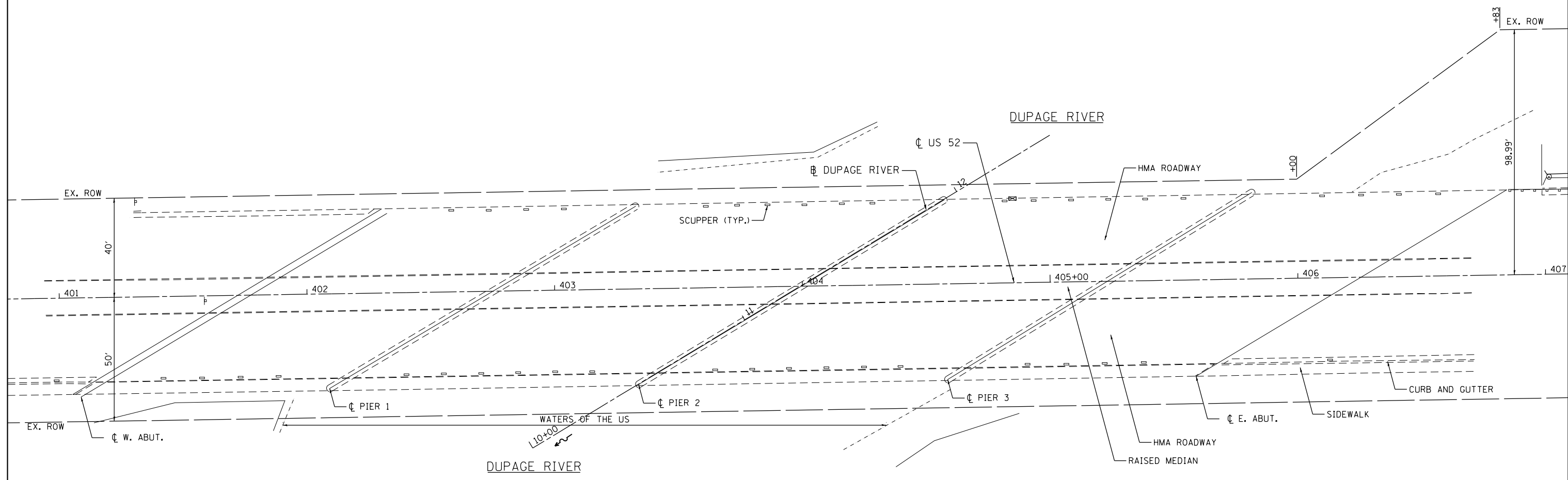
GRAEF 8501 N. Higgins Road Suite 280
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USER NAME = 1485	DESIGNED - EF	REVISED -
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PLOT SCALE = 20.0000' / in.	CHECKED - RS	REVISED -
PLOT DATE = 3/12/2013	DATE - 03/20/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

COOK & WILL COUNTY RIP RAP IMPROVEMENTS
SN 099-0241 IL 113 RAMP TO I-55 SB OVER CLAY POOL CREEK - CROSS SECTIONS
SCALE: SHEET 1 OF 1 SHEETS STA. 10+40.00 TO STA. 11+10.00

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	2012-007 I	COOK/WILL	38	19
•	VARIOUS ROUTES	CONTRACT NO. 60T53		
ILLINOIS FED. AID PROJECT				



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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

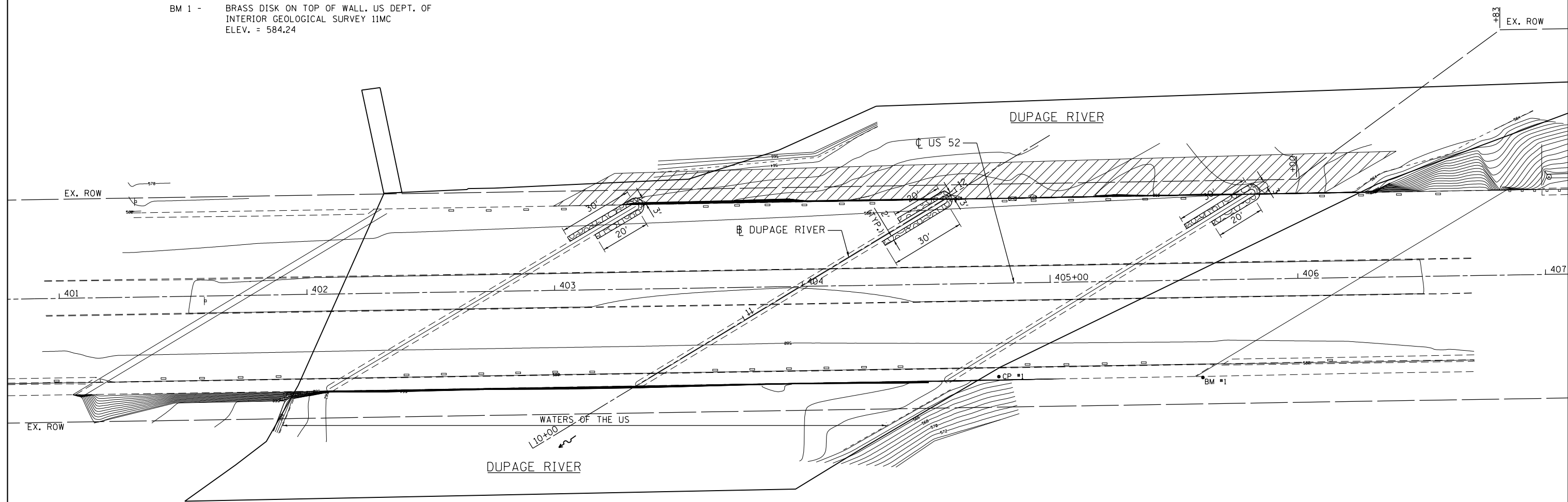
COOK & WILL COUNTY RIP RAP IMPROVEMENTS
SN 099-0276 US 52 OVER DuPAGE RIVER - SITE PLAN
 SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2012-007 I	COOK/WILL	38	20
• VARIOIUS ROUTES			CONTRACT NO. 60T53	
ILLINOIS FED. AID PROJECT				



LEGEND

- 
 PERMANENT IMPACTS TO THE WATERS OF THE U.S. = 0.008 ACRES
 STONE RIPRAP, CLASS A4 (2' THICK) - 52 TONS
- 
 TEMPORARY IMPACTS TO THE WATERS OF THE U.S. = 0.10 ACRES
- CP 1 - SET "X" IN THE CONCRETE WALK ON THE SOUTH SIDE OF US 52 AND EAST OF THE RIVER
 ELEV. = 580.64
- BM 1 - BRASS DISK ON TOP OF WALL, US DEPT. OF INTERIOR GEOLOGICAL SURVEY 11MC
 ELEV. = 584.24



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PLOT DATE = 3/12/2013	CHECKED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COOK & WILL COUNTY RIP RAP IMPROVEMENTS
SN 099-0276 US 52 OVER DuPAGE RIVER - EROSION PLAN

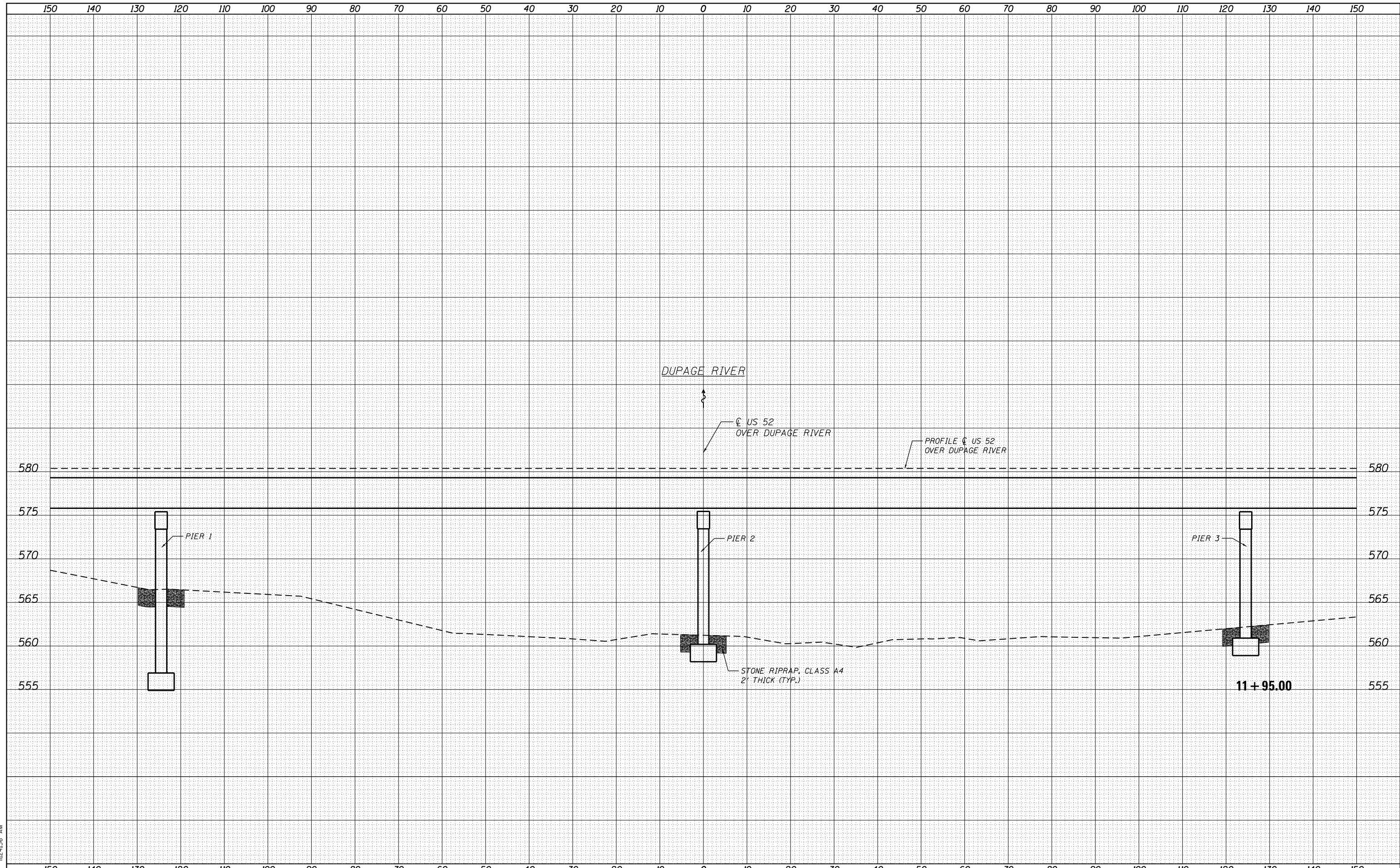
SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2012-007 I	COOK/WILL	38	21
* VARIOIUS ROUTES		CONTRACT NO. 60T53		
ILLINOIS FED. AID PROJECT				

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FINAL SURVEY NOTE BOOK NO.	

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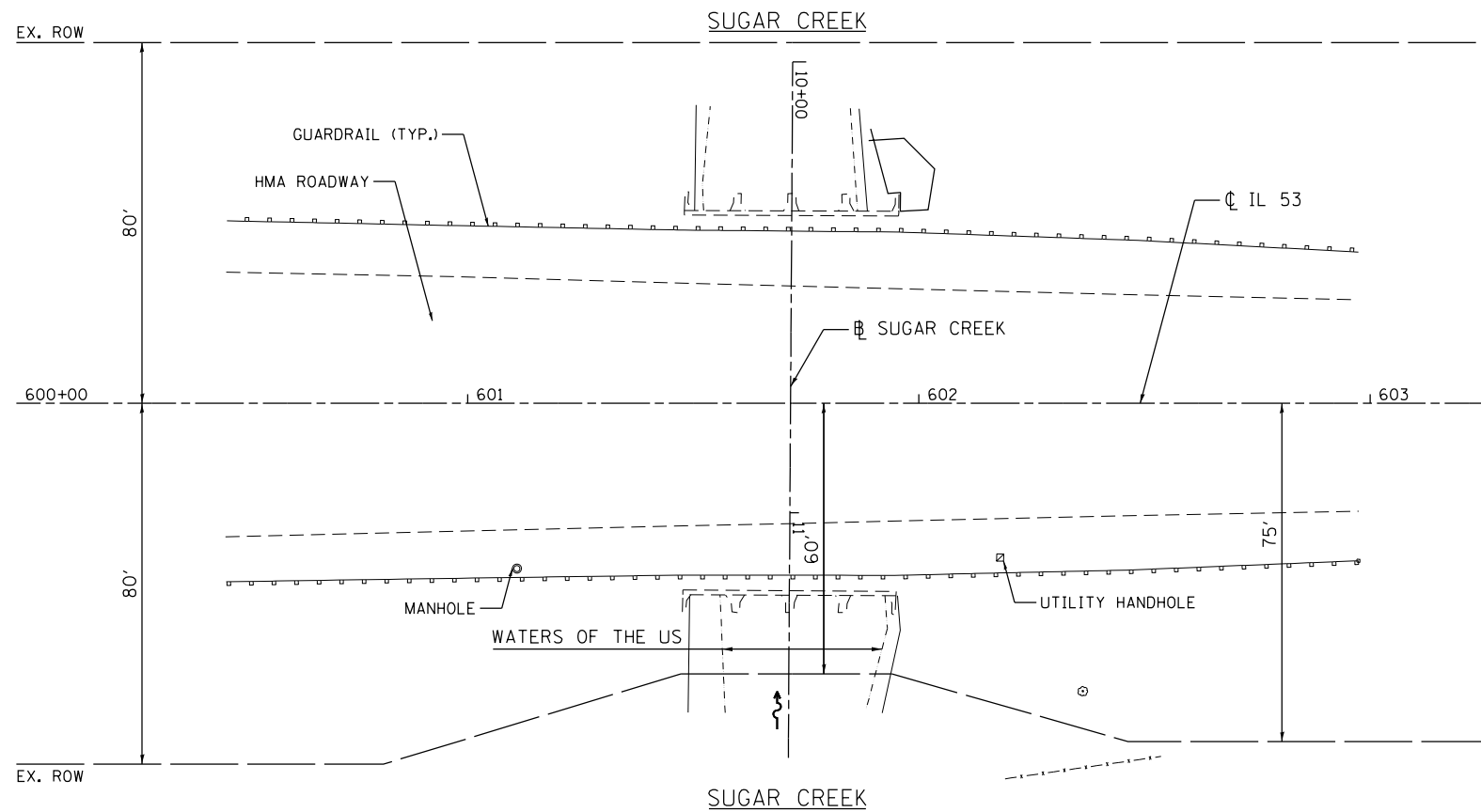
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PLOT DATE = 3/12/2013	DATE - 03/20/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COOK & WILL COUNTY RIP RAP IMPROVEMENTS
SN 099-0276 US 52 OVER DUPAGE RIVER - CROSS SECTIONS**

SCALE: SHEET 1 OF 1 SHEETS STA. 11+95.00 TO STA. 11+95.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	2012-007 I	COOK/WILL	38	22
•	VARIOUS ROUTES	CONTRACT NO.	60T53	
ILLINOIS FED. AID PROJECT				



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USER NAME = 1485	DESIGNED -	REVISED -
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PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
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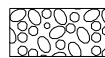
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COOK & WILL COUNTY RIP RAP IMPROVEMENTS
SN 099-0295 IL 53 AT SUGAR CREEK - SITE PLAN

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2012-007 I	COOK/WILL	38	23
• VARIOUS ROUTES			CONTRACT NO. 60T53	
ILLINOIS FED. AID PROJECT				

LEGEND

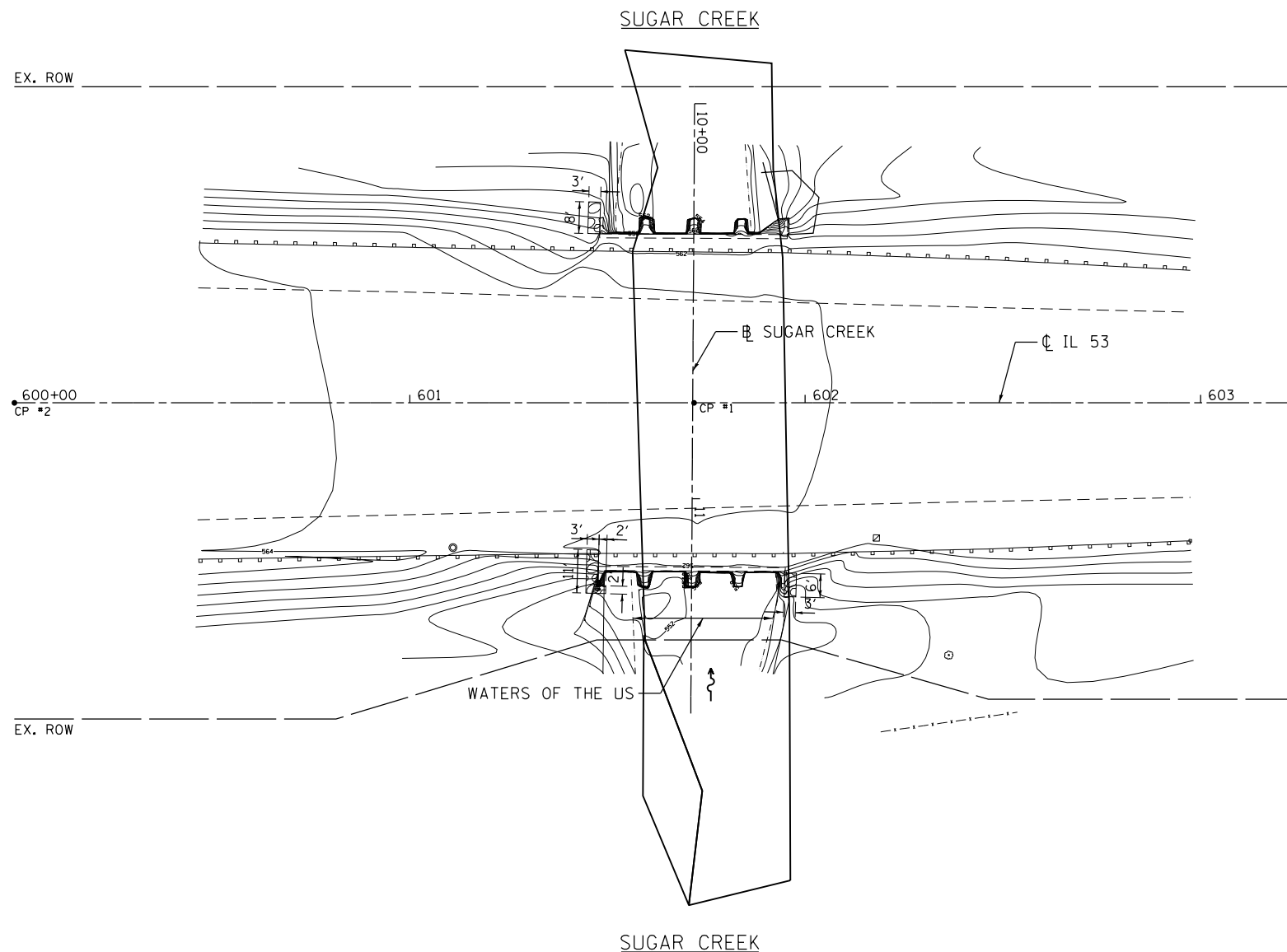
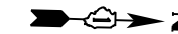


PERMANENT IMPACTS TO THE WATERS OF THE U.S. = 0.0 ACRES
STONE RIPRAP, CLASS A4 (2' THICK) - 13 TONS

CP 1 - SET PK NAIL AT C OF IL 53
NORTH OF HMA MEDIAN
ELEV. = 563.56

CP 2 - SET PK NAIL AT C OF IL 53
AND HMA MEDIAN
ELEV. = 565.05

NOTE: NO WORK IN THE WATERWAY



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PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/12/2013	DATE - 03/20/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COOK & WILL COUNTY RIP RAP IMPROVEMENTS
SN 099-0295 IL 53 AT SUGAR CREEK - EROSION PLAN**

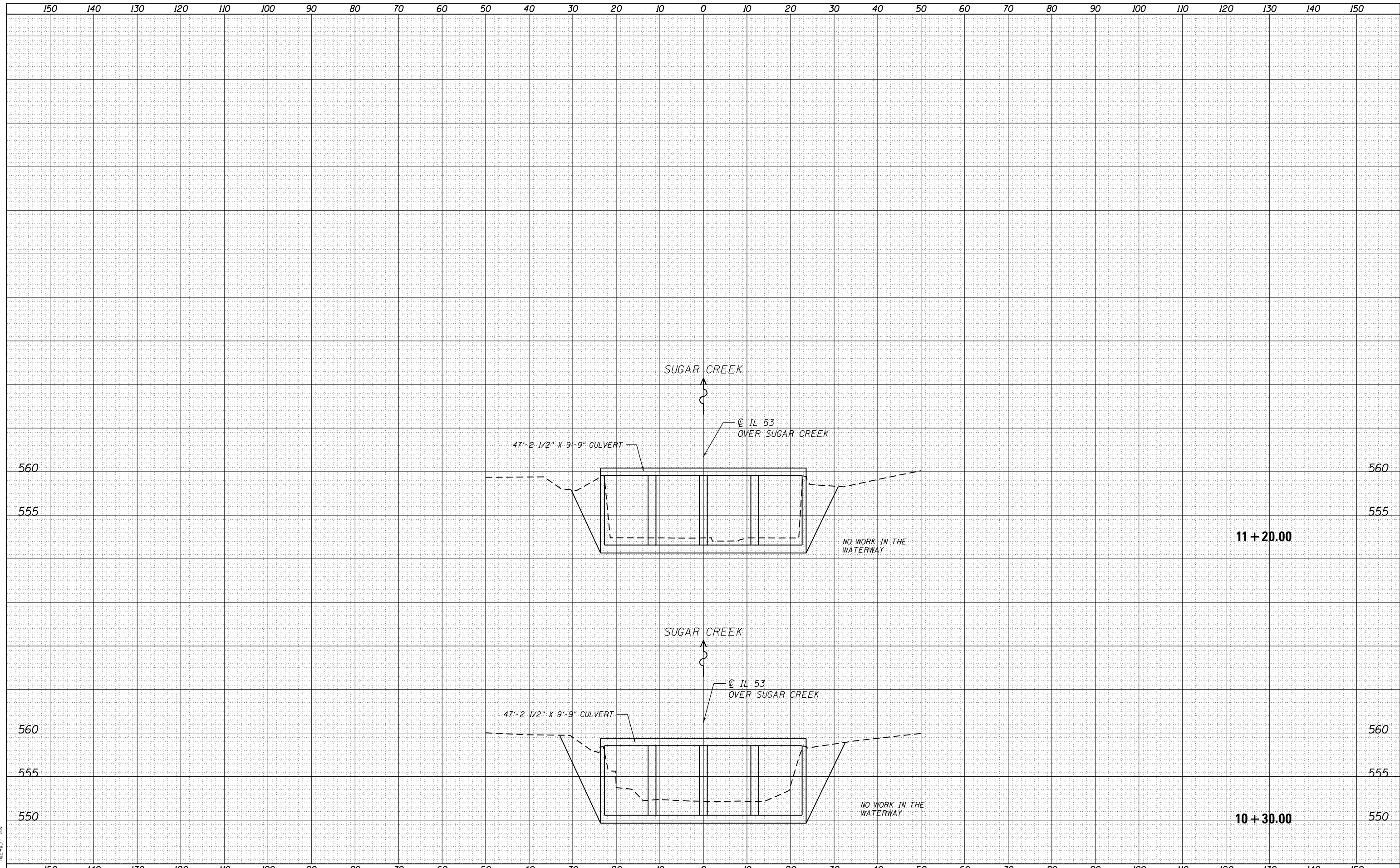
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2012-007 I	COOK/WILL	38	24
* VARIOIUS ROUTES			CONTRACT NO. 60T53	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
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TEMPLATE	
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CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
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PLOTTED	
TEMPLATE	
AREAS	
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ORIGINAL SURVEY	
NOTE BOOK	
NO.	

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GRAEF 8501 N. Higgins Road, Suite 280
Chicago, Illinois 60631
(773) 399-0112

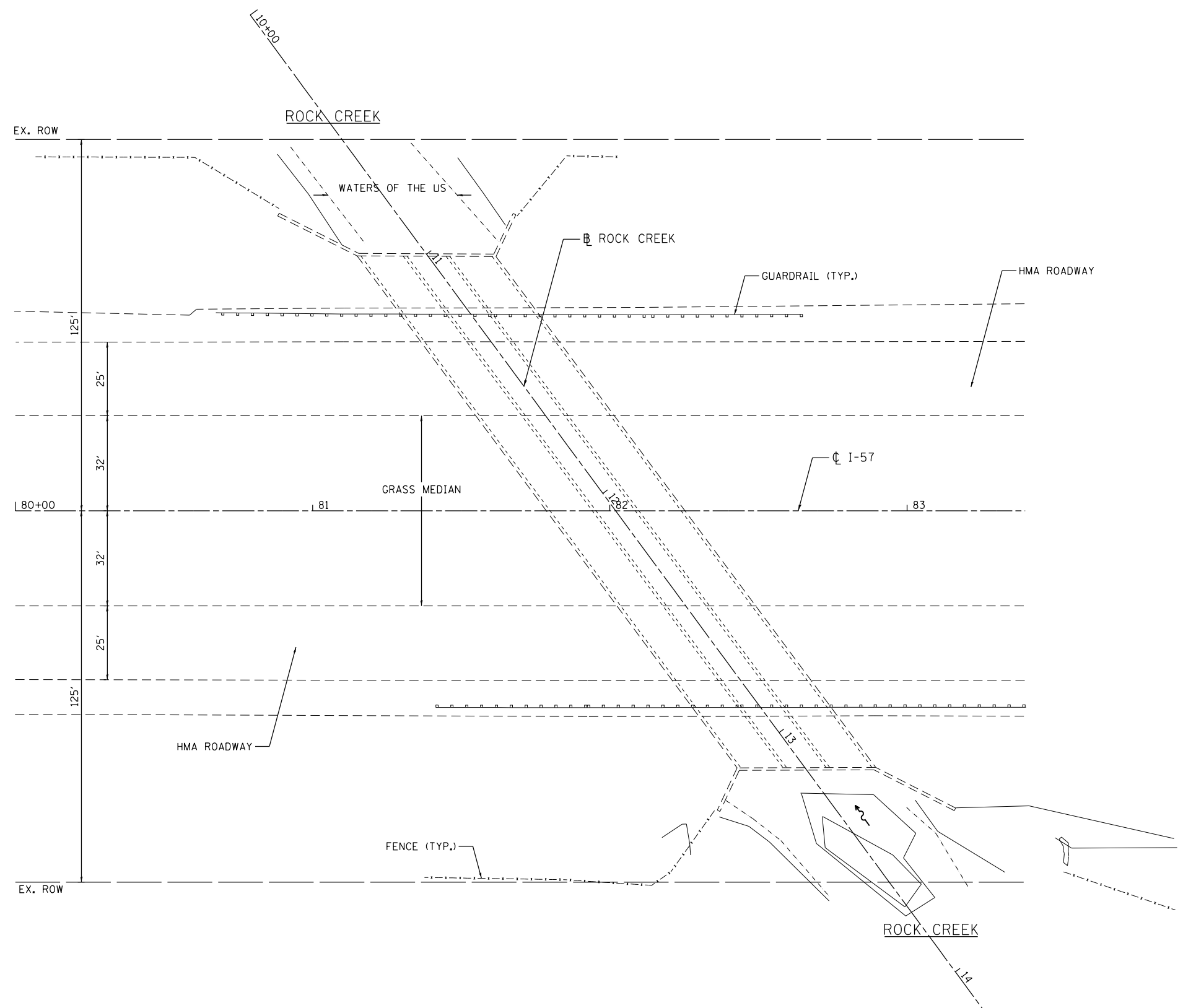
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COOK & WILL COUNTY RIP RAP IMPROVEMENTS
SN 099-0295 IL 53 AT SUGAR CREEK - CROSS SECTIONS**

SCALE: SHEET 1 OF 1 SHEETS STA. 10+30.00 TO STA. 11+20.00

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	2012-007 I	COOK/WILL	38	25
•	VARIOUS ROUTES	CONTRACT NO.	60T53	
ILLINOIS FED. AID PROJECT				



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 (773) 399-0112

USER NAME = 1485	DESIGNED -	REVISED -
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PLOT DATE = 3/12/2013	DATE - 03/20/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

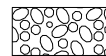
COOK & WILL COUNTY RIP RAP IMPROVEMENTS
SN 099-2001 I-57 AT ROCK CREEK - SITE PLAN

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

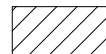
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2012-007 I	COOK/WILL	38	26
• VARIOIUS ROUTES			CONTRACT NO. 60T53	
ILLINOIS FED. AID PROJECT				



LEGEND

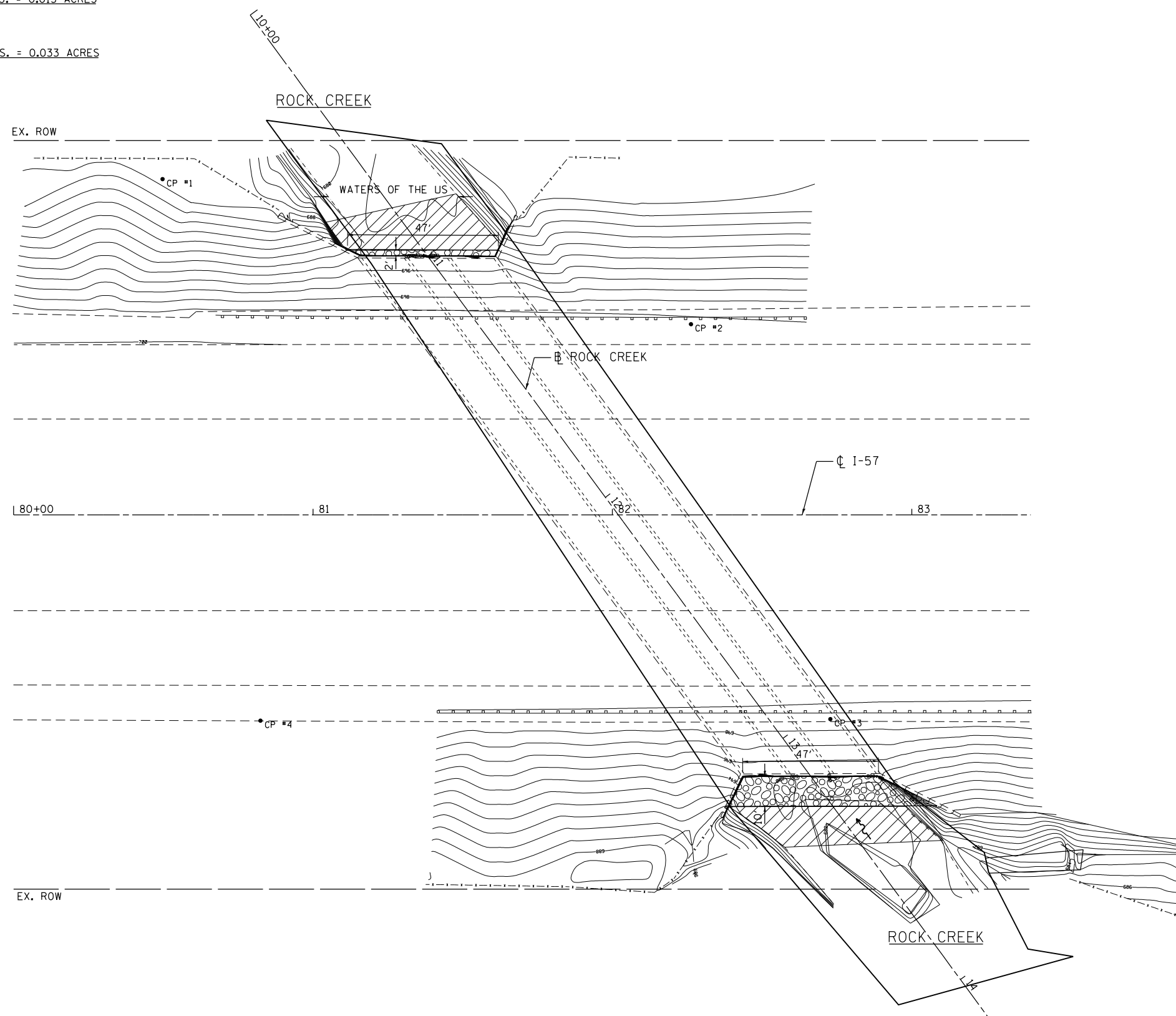


PERMANENT IMPACTS TO THE WATERS OF THE U.S. = 0.015 ACRES
STONE RIPRAP, CLASS A4 (2' THICK) - 92 TONS



TEMPORARY IMPACTS TO THE WATERS OF THE U.S. = 0.033 ACRES

- CP 1 - SET REBAR IN SOUTH OF ROCK CREEK
- CP 2 - SET PK NAIL IN HMA SHOULDER WEST SIDE OF IL 57 ELEV. = 699.31
- CP 3 - SET PK NAIL IN HMA SHOULDER EAST OF CL IL 57 ELEV. = 698.68
- CP 4 - SET PK NAIL IN HMA SHOULDER EAST OF CL IL 57 SOUTH OF ROCK CREEK



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USER NAME = 1485	DESIGNED -	REVISED -
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PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/12/2013	DATE - 03/20/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COOK & WILL COUNTY RIP RAP IMPROVEMENTS
SN 099-2001 I-57 AT ROCK CREEK - EROSION PLAN**

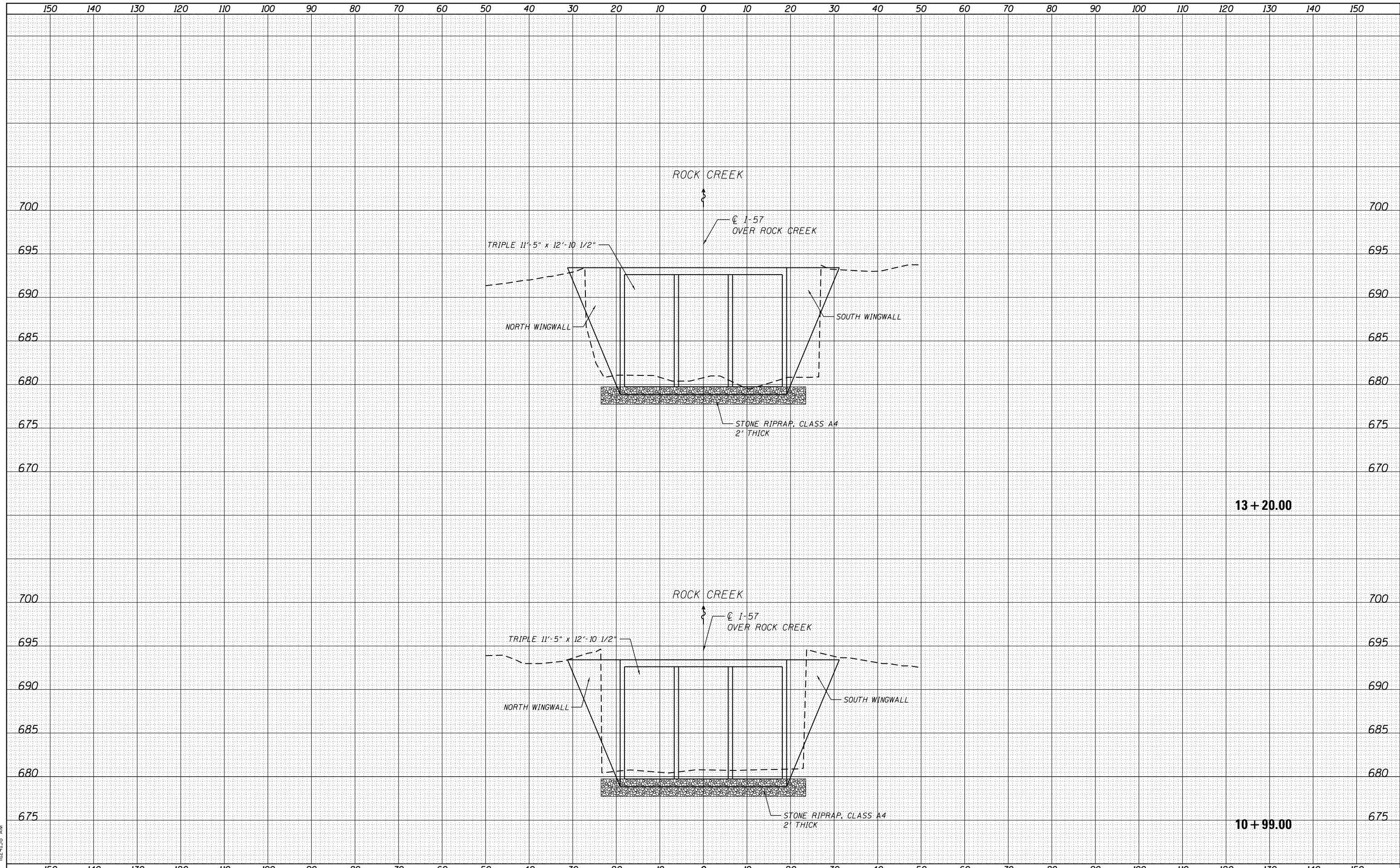
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2012-007 I	COOK/WILL	38	27
* VARIOUS ROUTES			CONTRACT NO. 60T53	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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DATE	
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ORIGINAL SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

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Chicago, Illinois 60631
(773) 399-0112

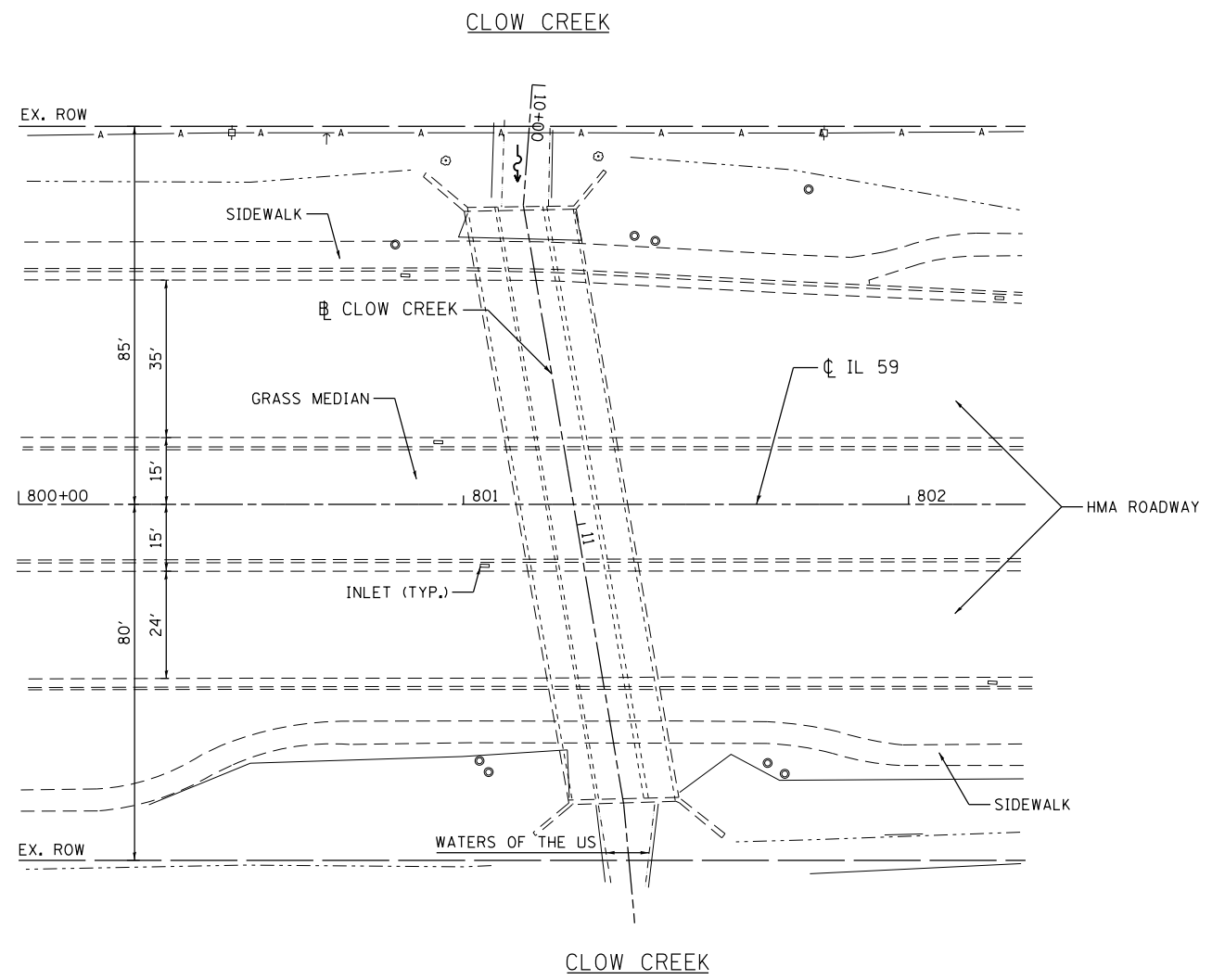
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COOK & WILL COUNTY RIP RAP IMPROVEMENTS
SN 099-2001 I-57 AT ROCK CREEK - CROSS SECTIONS**

SCALE: SHEET 1 OF 1 SHEETS STA. 10+99.00 TO STA. 13+20.00

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	2012-007 I	COOK/WILL	38	28
•	VARIOUS ROUTES	CONTRACT NO. 60T53		
ILLINOIS FED. AID PROJECT				



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GRAEF 8501 W. Higgins Road, Suite 280
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USER NAME = 1485	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 3/12/2013	DATE - 03/20/2013	REVISED -

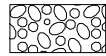
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COOK & WILL COUNTY RIP RAP IMPROVEMENTS
SN 099-4618 IL 59 OVER CLOW CREEK - SITE PLAN

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2012-007 I	COOK/WILL	38	29
• VARIOUS ROUTES			CONTRACT NO. 60T53	
ILLINOIS FED. AID PROJECT				

LEGEND

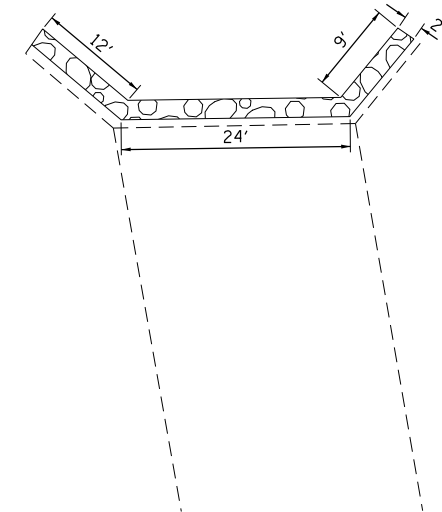
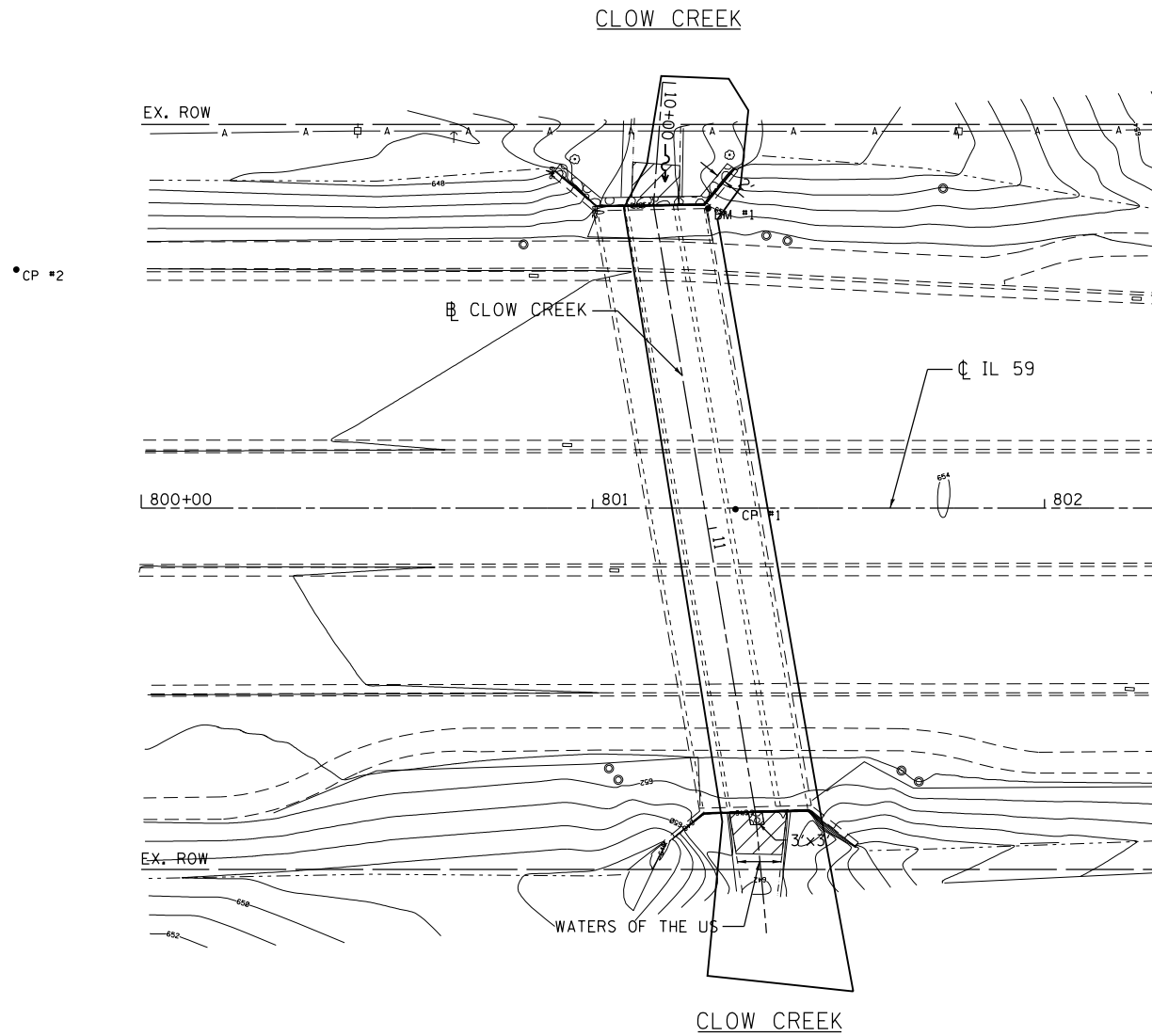


PERMANENT IMPACTS TO THE WATERS OF THE U.S. = 0.0022 ACRES
STONE RIPRAP, CLASS A4 (2' THICK) - 6 TONS



TEMPORARY IMPACTS TO THE WATERS OF THE U.S. = 0.0037 ACRES

- CP 1 - SET REBAR IN GRASS MEDIAN OF IL 59
- CP 2 - SET "X" IN TOP OF CURB ON THE WEST SIDE OF IL 59
ELEV. = 653.06
- CP 3 - CUT "□" IN NW CORNER HEADWALL
ELEV. = 652.18



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USER NAME = 1485	DESIGNED -	REVISED -
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PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/12/2013	DATE - 03/20/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COOK & WILL COUNTY RIP RAP IMPROVEMENTS
SN 099-2001 IL 59 OVER CLOW CREEK - EROSION PLAN**

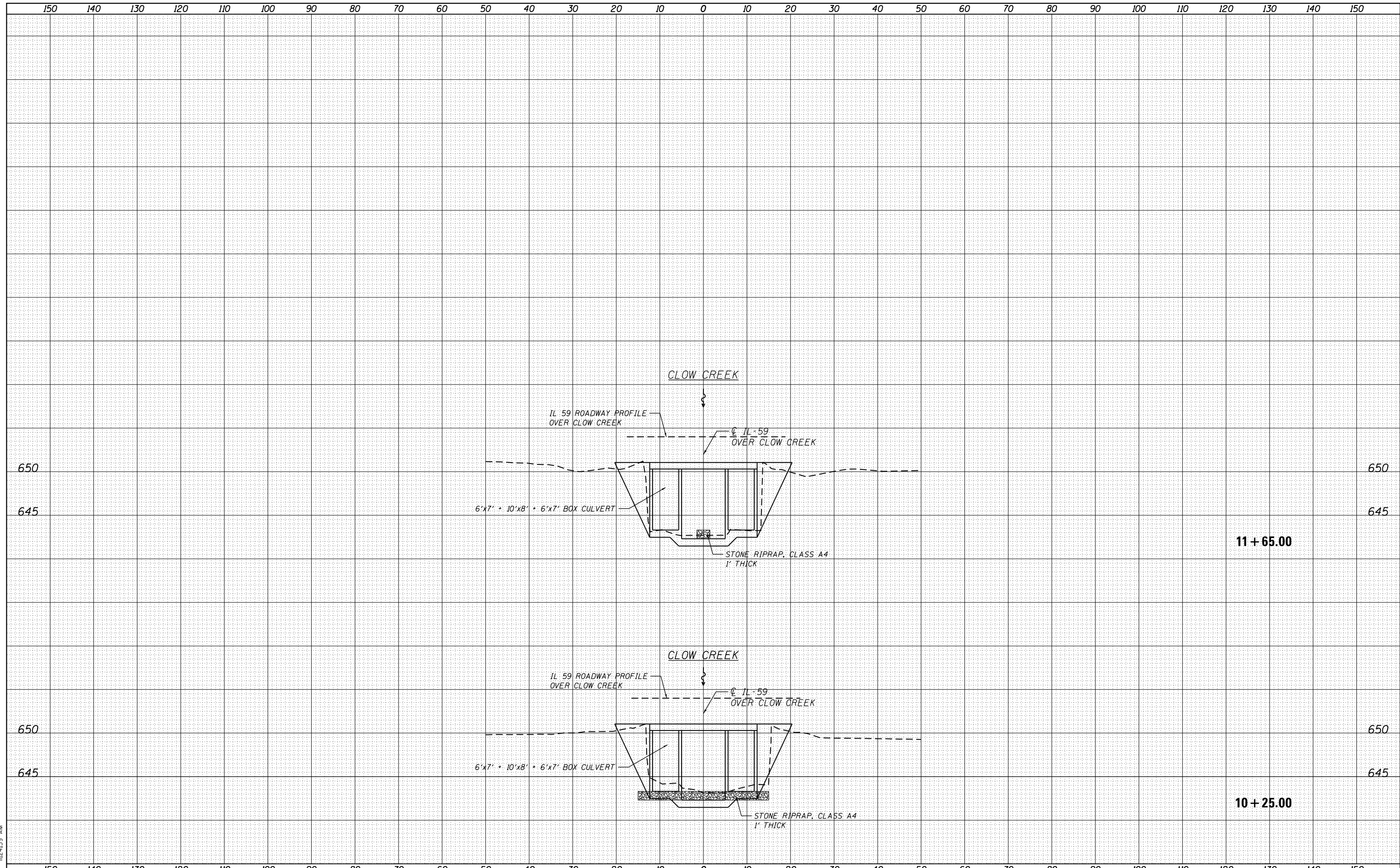
SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2012-007 I	COOK/WILL	38	30
* VARIOUS ROUTES			CONTRACT NO. 60T53	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
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FINAL SURVEY	
NOTE BOOK	
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AREAS	
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NOTE BOOK	
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PLOT SCALE = 20.0000' / in.	CHECKED - RS	REVISED -
PLOT DATE = 3/12/2013	DATE - 03/20/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COOK & WILL COUNTY RIP RAP IMPROVEMENTS
SN 099-2001 IL 59 AT CLOW CREEK - CROSS SECTIONS**

SCALE: SHEET 1 OF 1 SHEETS STA. 10+25.00 TO STA. 11+65.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	2012-007 I	COOK/WILL	38	31
•	VARIOUS ROUTES	CONTRACT NO.	60T53	
ILLINOIS FED. AID PROJECT				

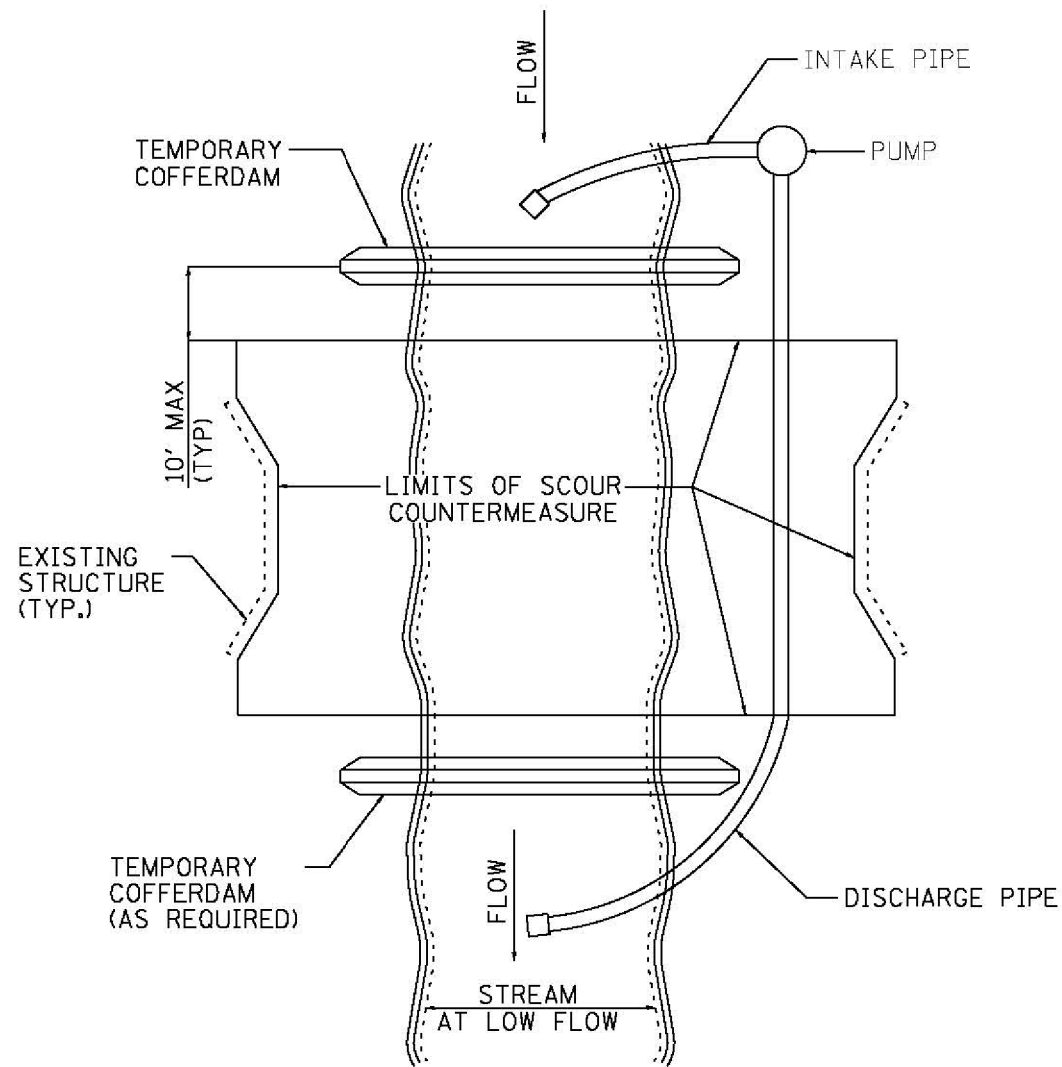


FIGURE D1. TEMPORARY COFFERDAM WITH PUMP BYPASS

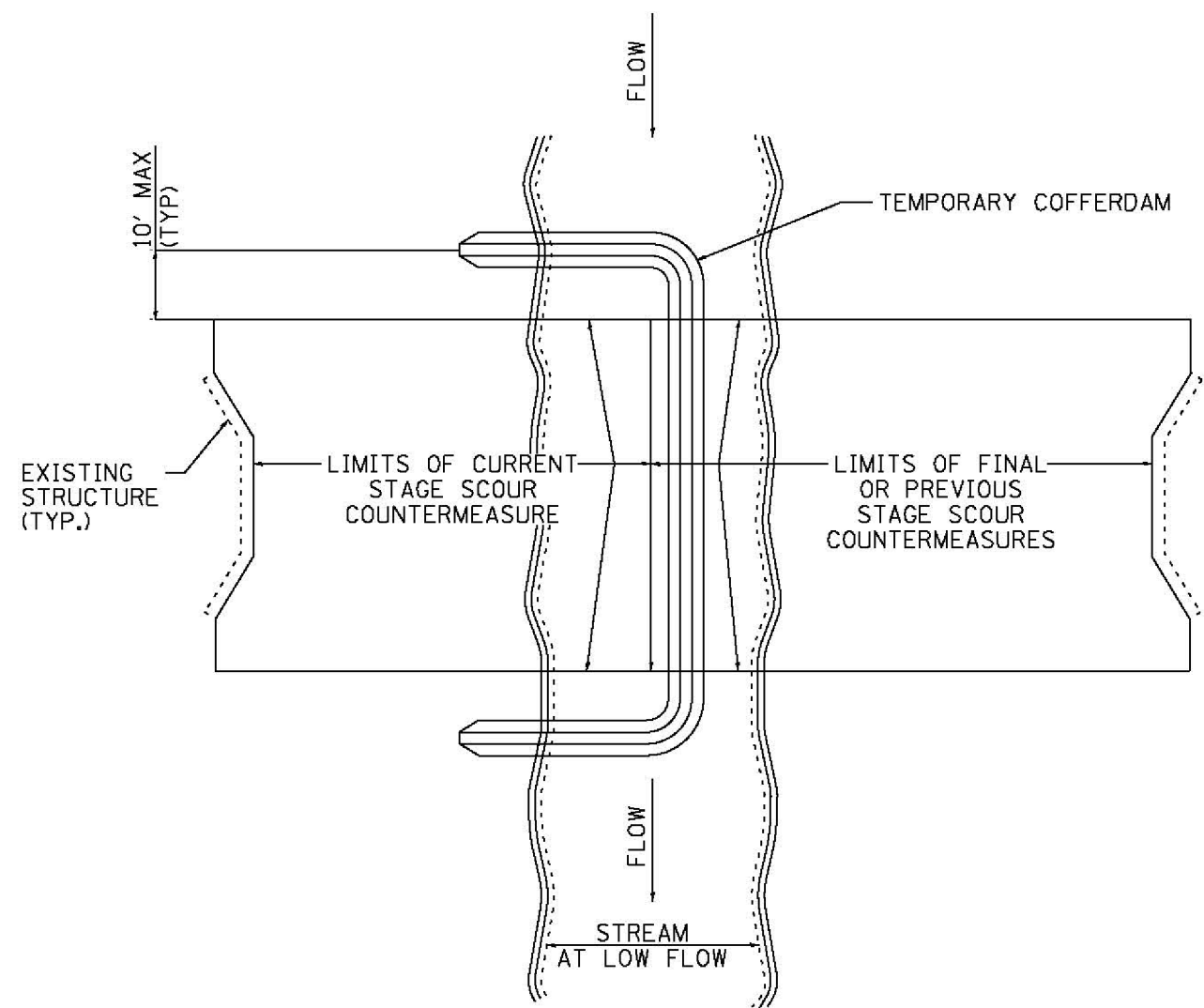


FIGURE D2. STAGED IN-STREAM COFFERDAM DIVISION

NOTE: DEWATERING SYSTEM DETAILS SHALL BE USED IN CONJUNCTION WITH THE PROJECT SPECIAL PROVISIONS.

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(773) 399-0112

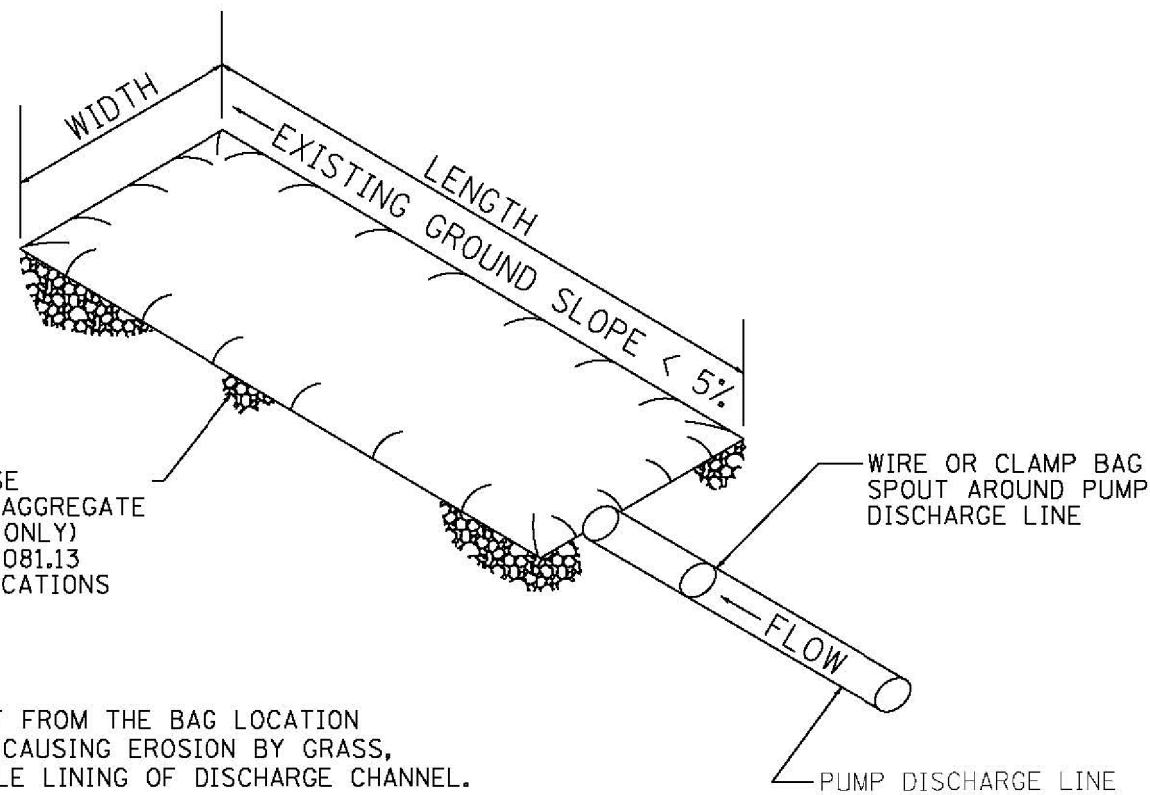
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	DATE - 03/20/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COOK & WILL COUNTY RIP RAP IMPROVEMENTS
DEWATERING SYSTEM DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2012-007 I	COOK/WILL	38	32
• VARIOUS ROUTES			CONTRACT NO. 60T53	
ILLINOIS FED. AID PROJECT				



PLACE FILTERBAG ON DENSE MATURE GRASS OR ON AN AGGREGATE BASE (COARSE AGGREGATE ONLY) CONFORMING TO SECTION 1081.13 OF THE STANDARD SPECIFICATIONS

ENSURE THAT RUNOFF FROM THE BAG LOCATION IS PREVENTED FROM CAUSING EROSION BY GRASS, STONE, OR GEOTEXTILE LINING OF DISCHARGE CHANNEL.

REMOVE SILT WHEN BAG IS HALF FULL OR MORE OFTEN IF RECOMMENDED BY THE MAUNFACUTURER. DISPOSE OF SILT BY TRANSPORTING THE FILLED BAG TO DISPOSAL AREA. SLIT THE BAG, BLEND SILT INTO EXISTING TOPOGRAPHY, SEED AND MULCH

MAINTAIN EXTRA FILTER BAGS ON SITE. REPLACE DAMAGED BAGS PROMPTLY.

TYPICAL FLOW RATE: 10 GPM x W x L

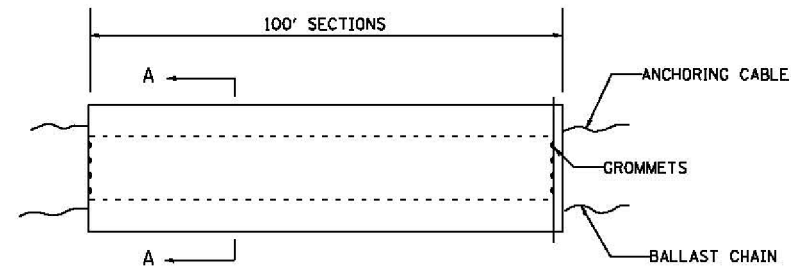
NOTE: DEWATERING SYSTEM DETAILS SHALL BE USED IN CONJUNCTION WITH THE PROJECT SPECIAL PROVISIONS.

FIGURE S1. SEDIMENT FILTER BAG

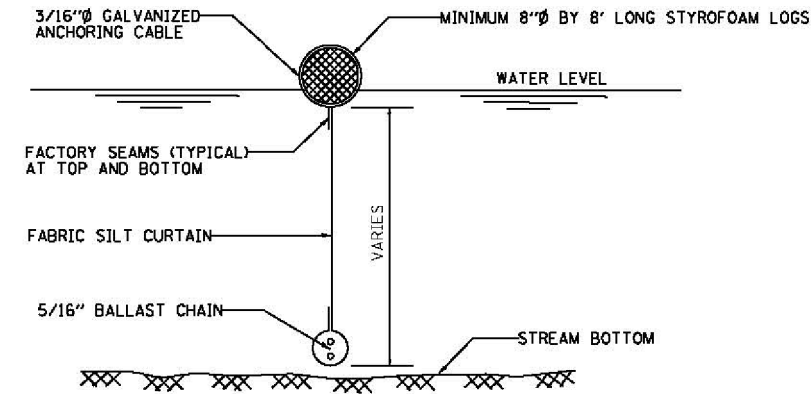
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PLOT DATE = 3/12/2013	DATE - 03/20/2013	REVISED -

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2012-007 I	COOK/WILL	38	33
• VARIOIUS ROUTES			CONTRACT NO. 60T53	
ILLINOIS FED. AID PROJECT				

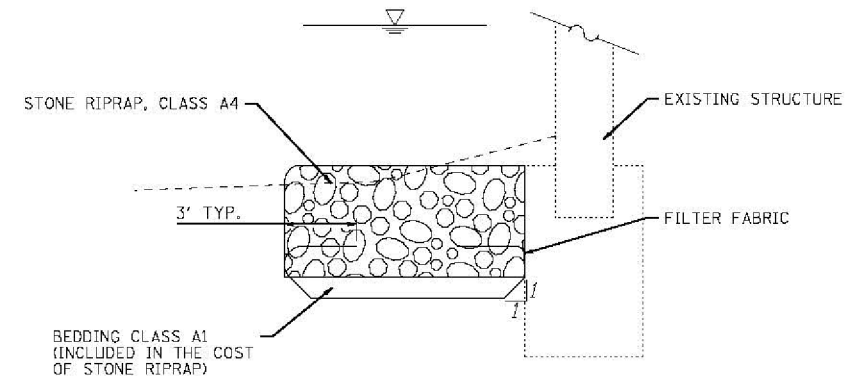


ELEVATION



SECTION A-A

FLOTATION BOOM



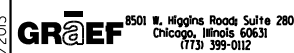
FILTER FABRIC/ RIPRAP DETAIL

NOTES:

1. FLOTATION BOOM SHALL BE ANCHORED TO PREVENT DRIFT SHOREWARD OR DOWNSTREAM. ANCHORAGES SHALL BE INSTALLED ON BOTH SHORE AND STREAM SIDE.
2. SHORE ANCHORS SHALL CONSIST OF A POST WITH DEADMAN OR APPROVED EQUAL. STREAM ANCHORS SHALL BE SUFFICIENT SIZE TO STABILIZE THE BARRIER WITH NUMBER AND SPACING DEPENDENT ON WATERWAY VELOCITIES.
3. FABRIC SECTIONS SHALL BE CONNECTED END TO END WITH MINIMUM 5/8" DIAMETER POLYPROPYLENE ROPE
4. DESIGN OF BOOM AND ANCHORAGE SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. BOTTOM OF BOOM SHALL REACH BOTTOM OF WATERWAY USING ONE OR TWO VERTICAL SECTIONS AS REQUIRED.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED. CONTRACTOR SHALL REMOVE THE BOOM AT COMPLETION OF WORK IN A MANNER THAT WILL PREVENT SILTATION OF THE WATERWAY.

APPLICATION: FLOTATION BOOMS TO BE USED TO CONTROL EROSION, TURBIDITY AND DEBRIS WHEN WORKING IN WATERWAYS.

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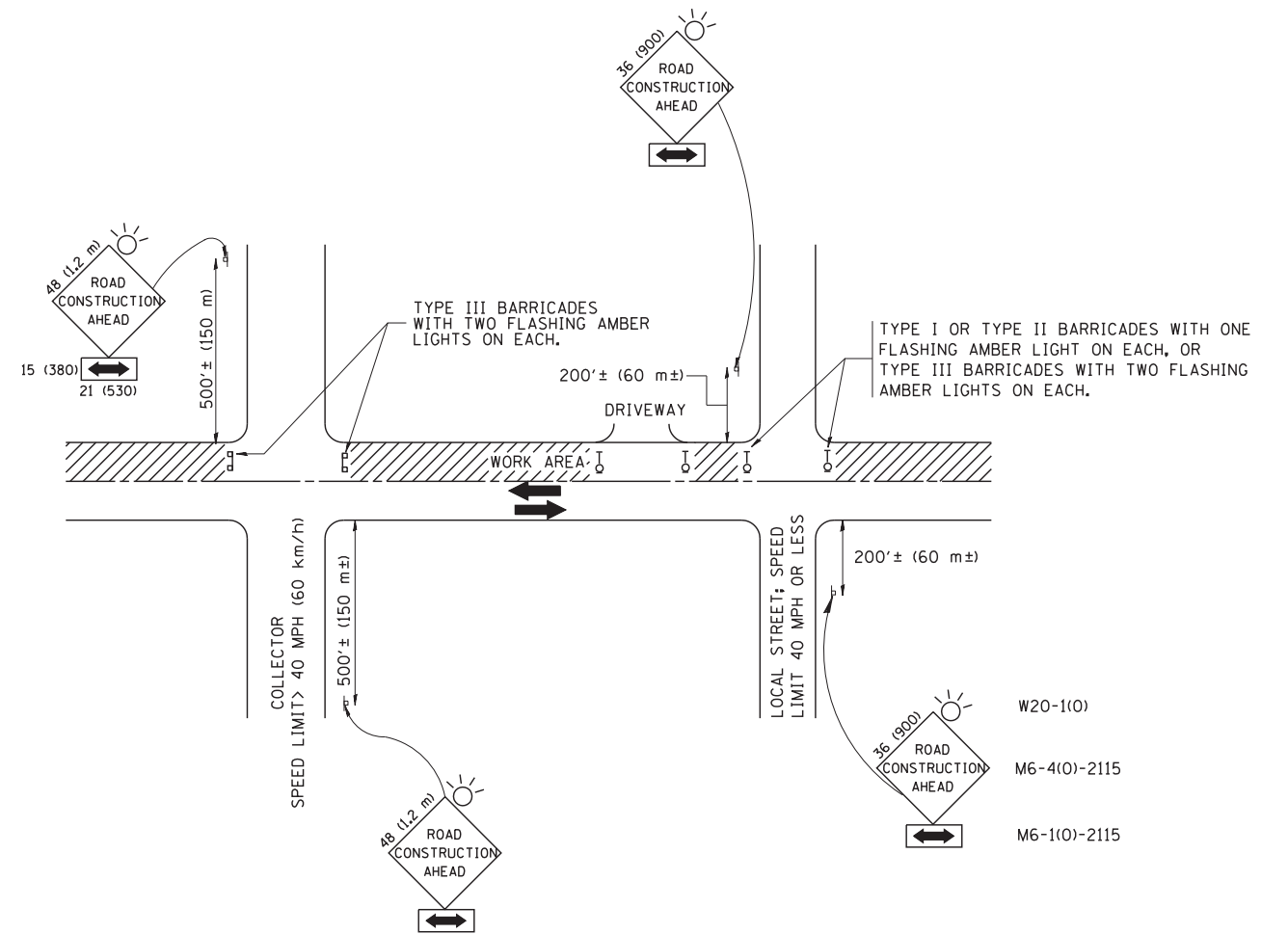
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	DATE - 03/20/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COOK & WILL COUNTY RIP RAP IMPROVEMENTS
DEWATERING SYSTEM DETAILS**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2012-007 I	COOK/WILL	38	34
• VARIOUS ROUTES			CONTRACT NO. 60T53	
ILLINOIS FED. AID PROJECT				



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE **ROAD CONSTRUCTION AHEAD** SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE **ROAD CONSTRUCTION AHEAD** SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

* VARIOUS ROUTES
All dimensions are in millimeters (inches) unless otherwise shown.

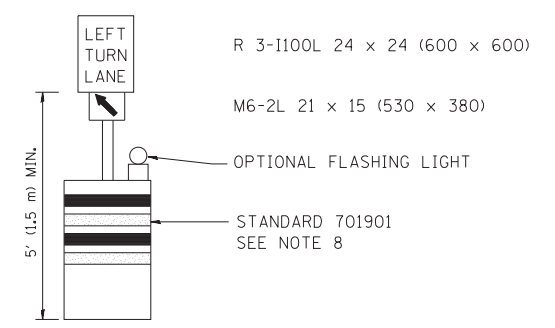
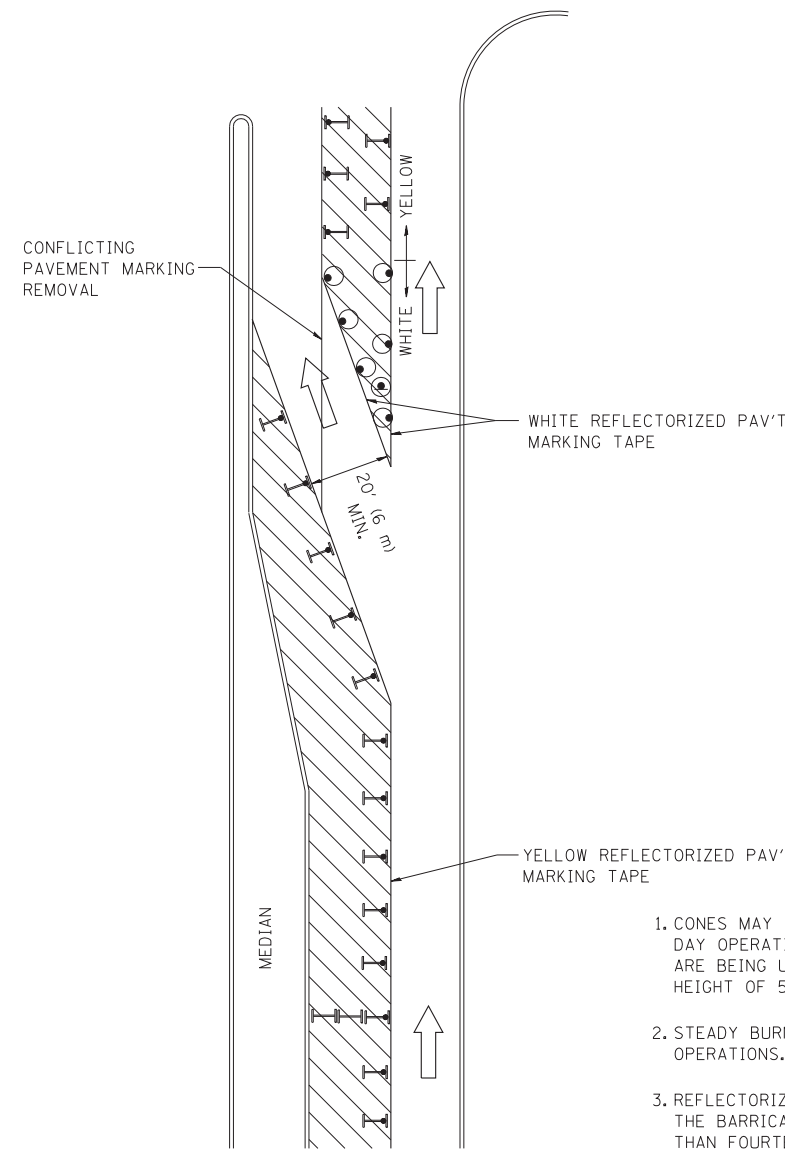
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2012-007I	COOK/WILL	38	35
TC-10			CONTRACT NO. 60T53	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				









GENERAL NOTES

1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM OPER 725 IS REQUIRED.
8. IF A DRUM OR TYPE II BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 PREQUIREMENTS.
9. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

LEGEND

-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

* VARIOUS ROUTES

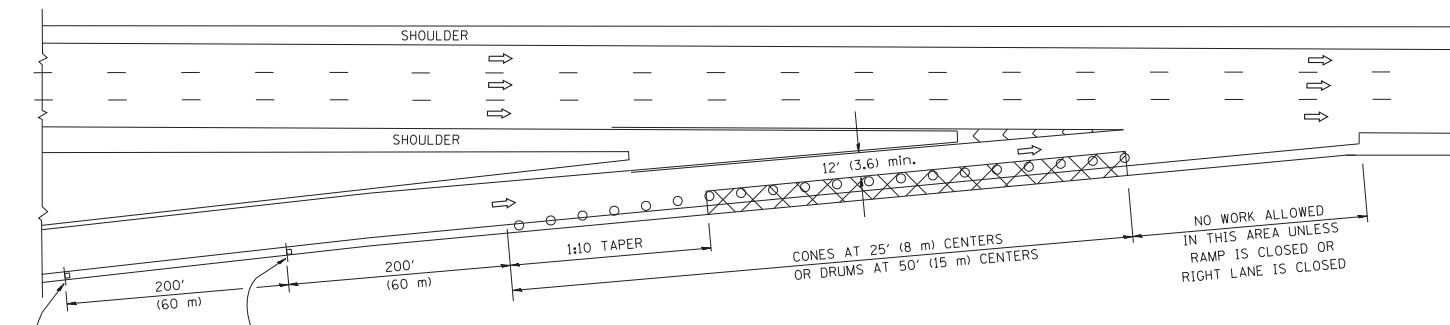
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		REVISED - A. HOUSEH 10-12-96	REVISED -
		REVISED -T. RAMMACHER 01-06-00	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

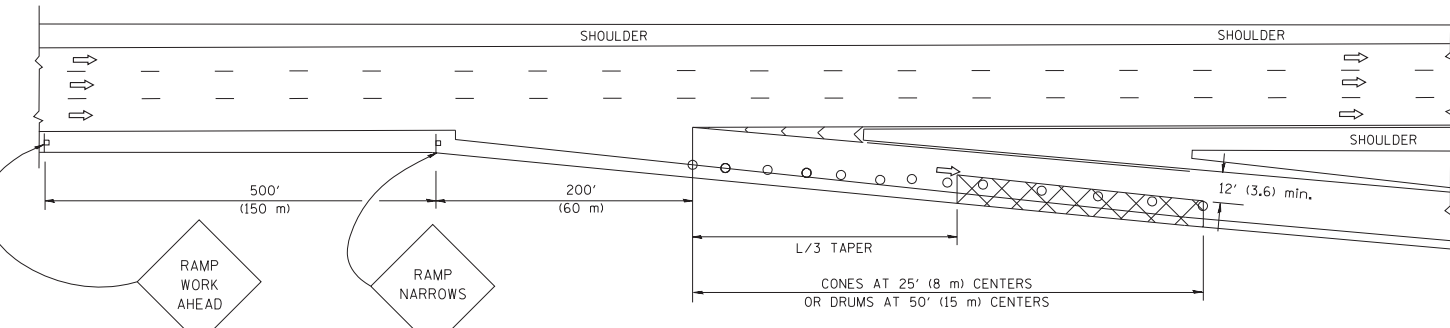
TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-14		CONTRACT NO.	60T53	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

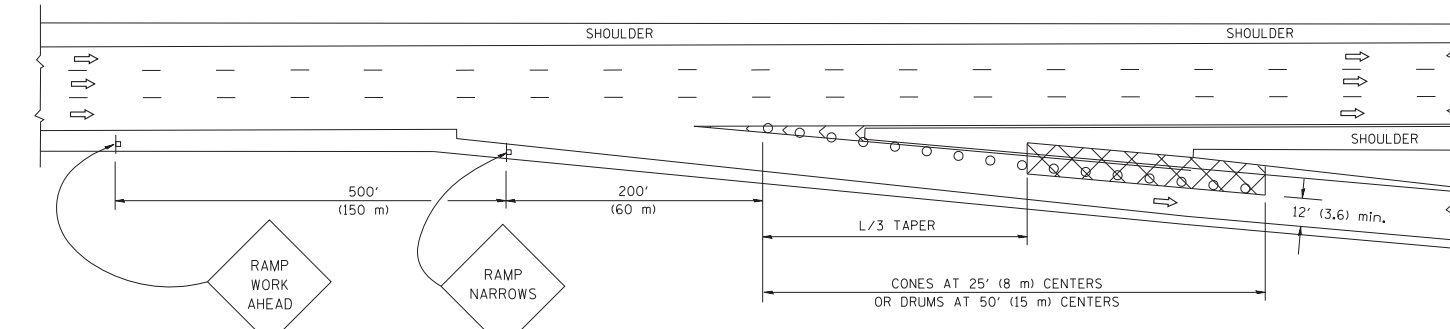
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

SYMBOLS

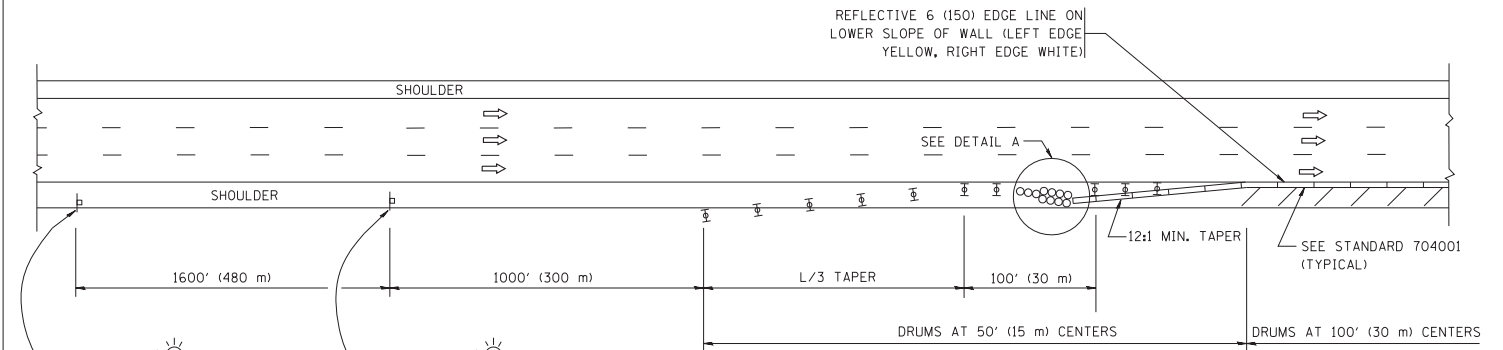
- ACTIVE WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE

GENERAL NOTES

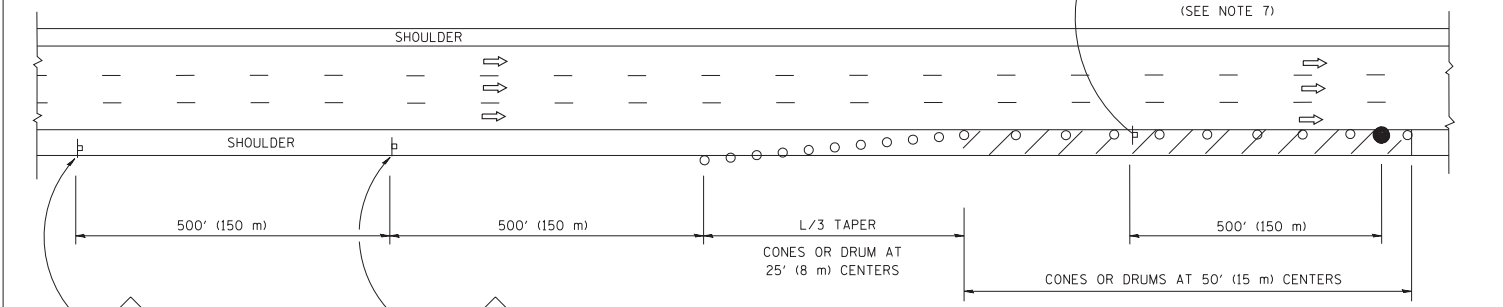
1. THE "L" DISTANCE EQUALS:

SPEED LIMIT	FORMULAS
45 mph (80 km/h) OR GREATER:	METRIC ENGLISH L=0.65(W)(S) L=(W)(S)
W = WIDTH OF OFFSET IN FEET (METERS) S = NORMAL POSTED SPEED MPH (KM/H)	
2. PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES.
3. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
4. FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

SHOULDER CLOSURE DETAILS

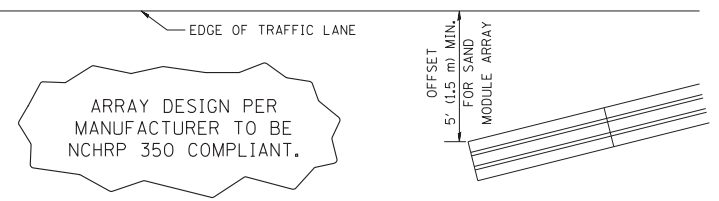


PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE

THIS DETAIL IS USED WHERE:
1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH IN AN AREA CLOSER THAN 15' (4.5 m) TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES.



DETAIL "A"
IMPACT ATTENUATOR, TEMPORARY
(SEE NOTE 5)

5. THE IMPACT ATTENUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY CONCRETE BARRIER WALL IS PROTECTED BY OR IS TIED INTO THE EXISTING GUARDRAIL. IF OFFSET IS LESS THAN 5 FEET USE NARROW USE TYPE DEVICE TO MEET NCHRP350.
6. AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
7. THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
 - a. FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
 - b. THE WORK AVTIVITY REQUIRES FREQUENT ENCROACHMENT INTO THE LANE OPEN TO TRAFFIC.
 THE FLAGGER SHALL BE STATIONED APPROXIMATELY 100' (30 m) TO 200' (60 m) IN ADVANCE OF THE WORKERS.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

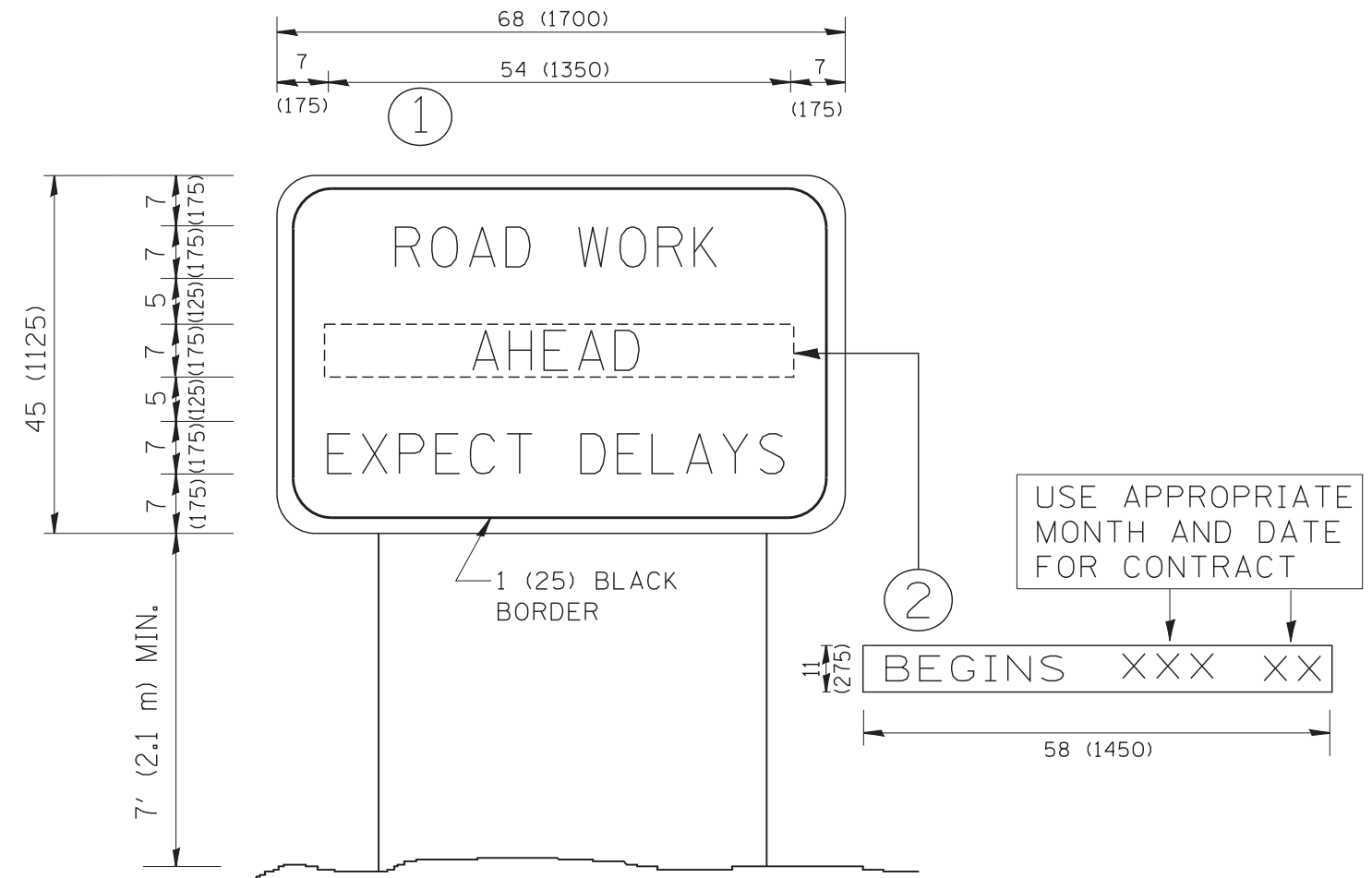
* VARIOUS ROUTES

FILE NAME = W:\diststd\22x34\17.dgn	USER NAME = leuss	DESIGNED -	REVISED - 04-03
		DRAWN - D.W.S.	REVISED - J.A.F. 12-06
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - S.P.B. 01-07
	PLOT DATE = 1/26/2010	DATE - 11-96	REVISED - S.P.B. 12-09

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2012-007I	COOK/WILL	38	37
TC-17		CONTRACT NO.	60T53	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = gegl1onobt	DESIGNED -	REVISED - R. MIRS 09-15-97
W:\diststd\22x34\tc22.dgn		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ARTERIAL ROAD INFORMATION SIGN	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO STA.

* VARIOUS ROUTES				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2012-007I	COOK/WILL	38	38
TC-22			CONTRACT NO. 60T53	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				