

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3519	66-B	COOK	57	1
		ILLINOIS	CONTRACT NO. 60X41	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAU ROUTE 3519: HARTS ROAD
AT NORTH BRANCH CHICAGO RIVER
SECTION 66-B
BRIDGE SUPERSTRUCTURE REPLACEMENT
PROJECT NUMBER:
COOK COUNTY

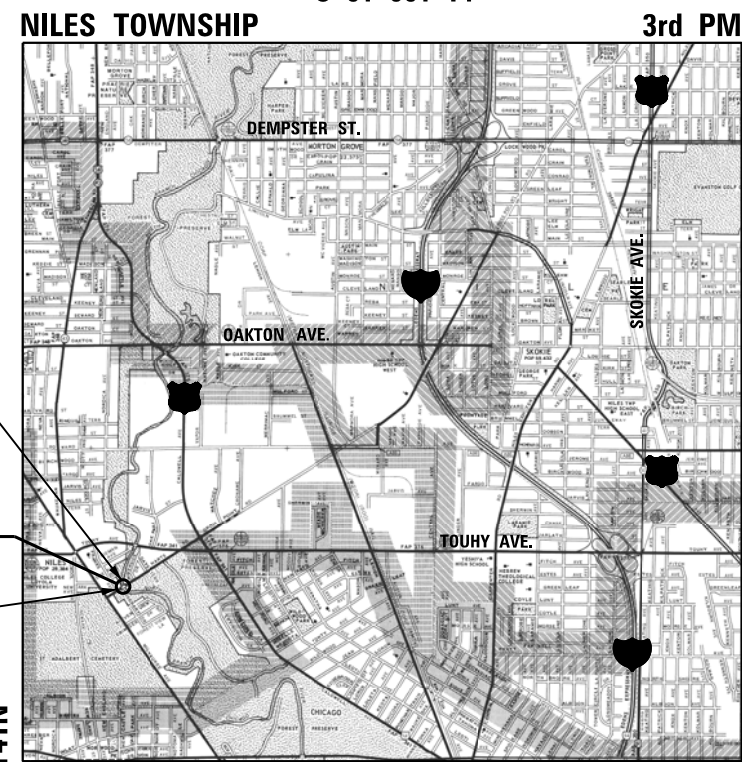
FOR INDEX OF SHEETS, SEE SHEET NO. 2

IMPROVEMENT IS LOCATED IN
THE VILLAGE OF NILES

D-91-091-14



C-91-091-14



END PROJECT
STA. 106 + 95

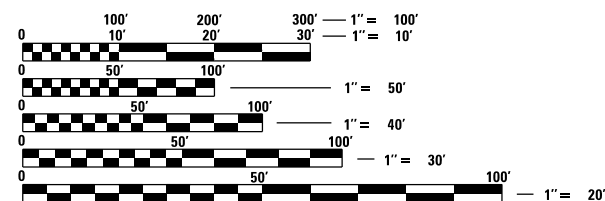
IMPROVEMENT LOCATION
HARTS ROAD OVER NORTH
BRANCH CHICAGO RIVER
STRUCTURE NO.: 016-0726

BEGIN PROJECT
STA. 103 + 32

LOCATION MAP NOT TO SCALE R13E

GROSS AND NET LENGTH = 363.00 FT = 0.07 MILES

DESIGN DESIGNATION: MAJOR COLLECTOR
2009 ADT=4450
2030 ADT=5000
DESIGN SPEED=40 MPH
POSTED SPEED=35 MPH



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

PROJECT MANAGER: MR. ISSAM RAYYAN, P.E. (847) 705-4178
PROJECT ENGINEER: MR. ROBERT BORO, P.E. (847) 705-4237

CONTRACT NO. 60X41

Accurate
GROUP, INC.

WWW.ACCGI.COM
101 SCHELTER RD., SUITE B-200
LINCOLNSHIRE, ILLINOIS 60069
T (847) 613-1100 F (847) 613-1105
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184,002053



DATE SIGNED:
EXP. DATE:



DATE SIGNED:
EXP. DATE:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED _____ 20 _____

DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

_____ 20 _____

ENGINEER OF DESIGN AND ENVIRONMENT

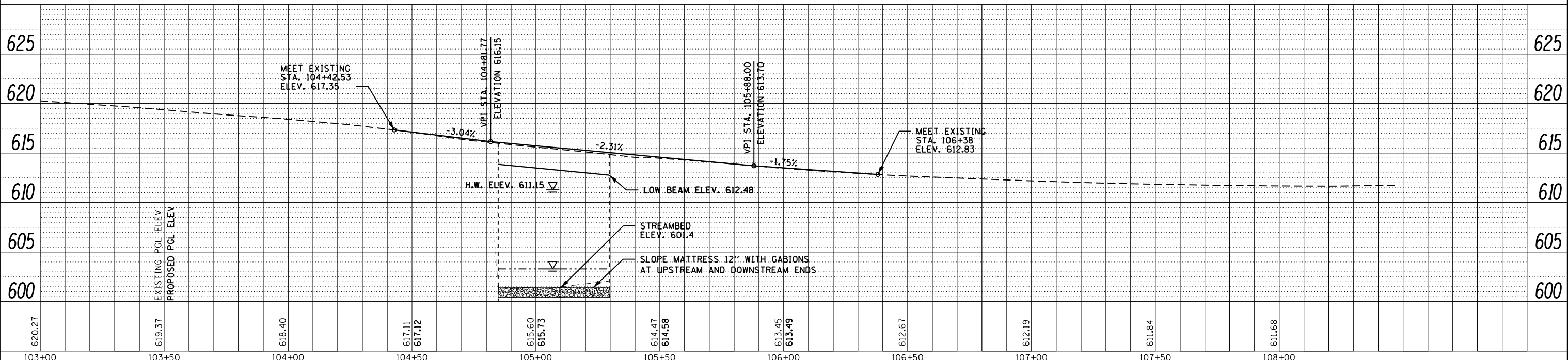
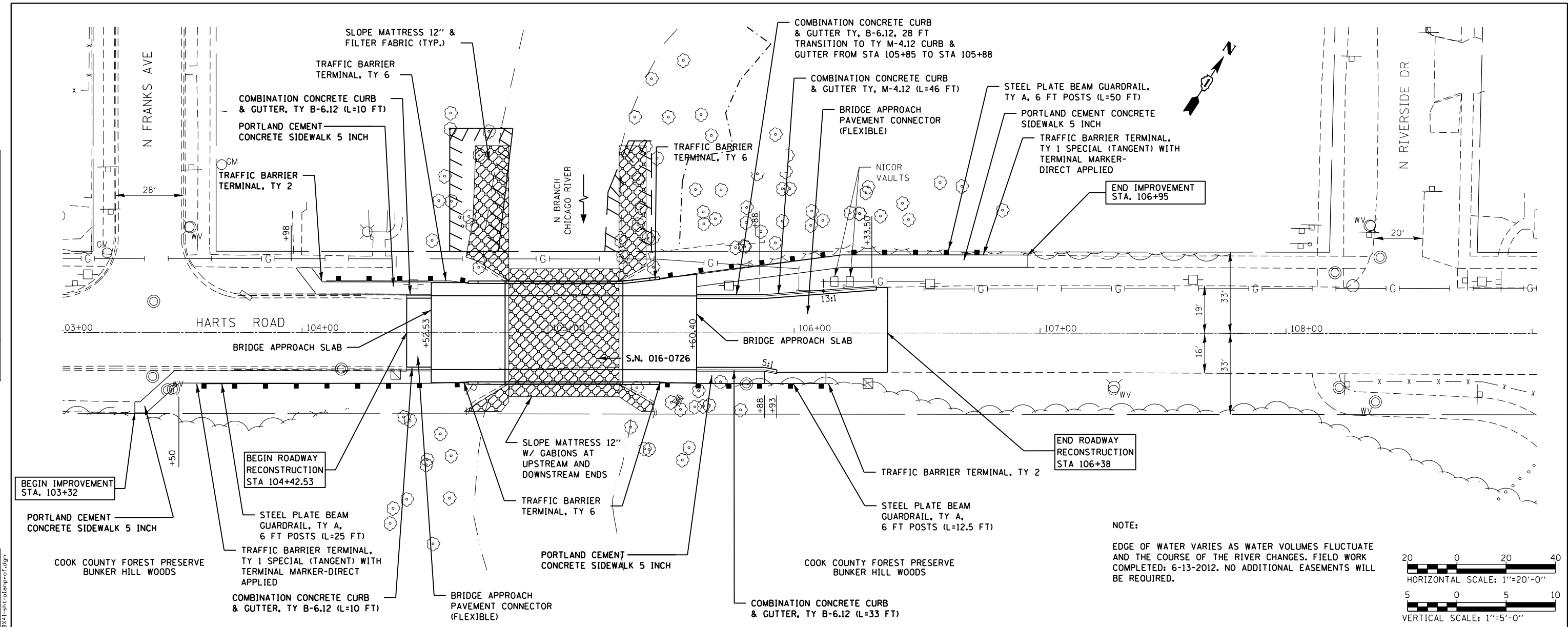
_____ 20 _____

DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

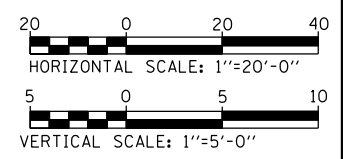
**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

PLAN	SURVEYED	DATE
	PLOTTED	
	NOTED	
	BY	
	NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	NOTED	
	BY	
	NO.	
	FILE NAME	



NOTE:
EDGE OF WATER VARIES AS WATER VOLUMES FLUCTUATE AND THE COURSE OF THE RIVER CHANGES. FIELD WORK COMPLETED: 6-13-2012. NO ADDITIONAL EASEMENTS WILL BE REQUIRED.



USER NAME = TMiller	DESIGNED - SAT	REVISED -
PLOT SCALE = 40.00' / 1"	DRAWN - JN	REVISED -
PLOT DATE = 4/28/2014	CHECKED - JMT	REVISED -
	DATE - 4-28-2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

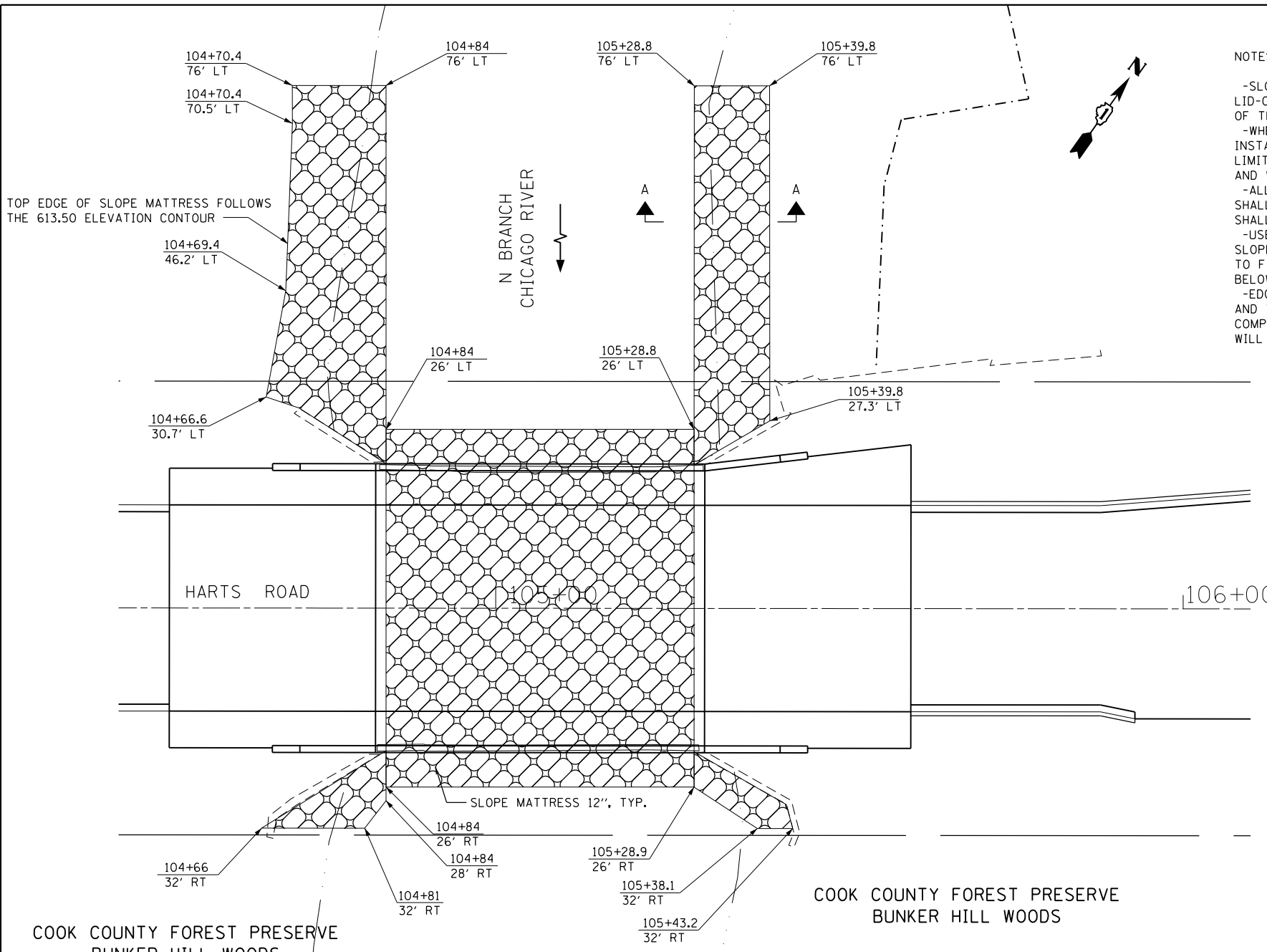
PROPOSED PLAN & PROFILE

SCALE: SHEET OF SHEETS STA. 103+32 TO STA. 106+95

F.A. RTE. 3519	SECTION 66-B	COUNTY COOK	TOTAL SHEETS 28	SHEET NO. 14
CONTRACT NO. 60X41				
ILLINOIS FED. AID PROJECT				

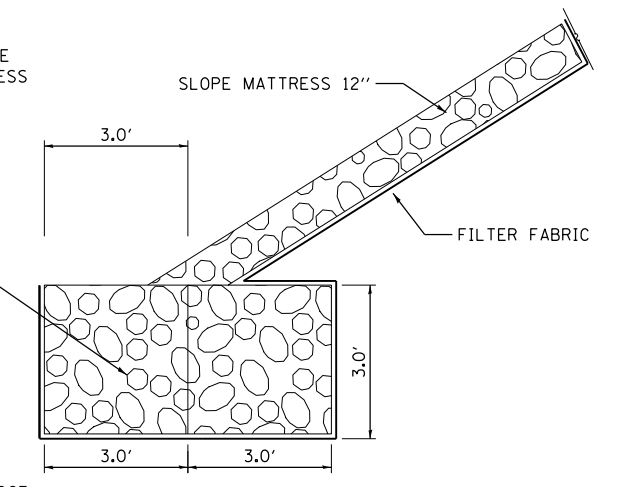
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FILE NAME = D:\Engineering\LiveProjects\3003 IDOT DUR\13003b - W0 2 Contract No. 60X41\CADD\CADD Sheets\Civil\1060X41-1-1-SlopeProtect.dgn

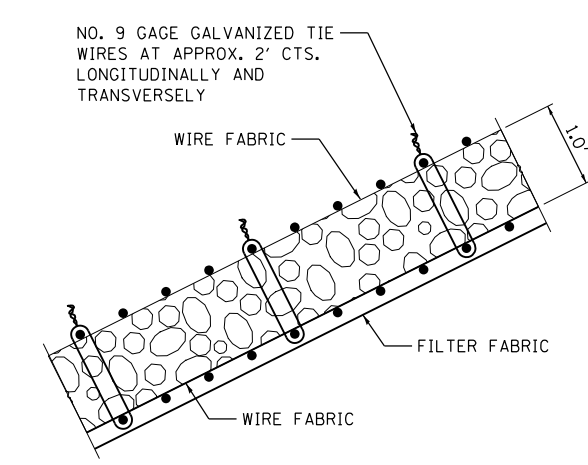


NOTES:
 -SLOPE MATTRESS ASSEMBLY, INSTALLATION, FILLING AND LID-CLOSING SHALL BE IN ACCORDANCE WITH SECTION 284 OF THE STANDARD SPECIFICATIONS.
 -WHERE A COMPLETE SLOPE MATTRESS UNIT CANNOT BE INSTALLED AS SHOWN ON THE PLANS BECAUSE OF SPACE LIMITATIONS, THE BASKET UNIT SHALL BE CUT, FOLDED AND WIRED TOGETHER TO SUIT SITE CONDITIONS.
 -ALL WIRE FABRIC, BASKET ASSEMBLIES, AND TIE WIRES SHALL BE VINYL COATED. ALL NON-ALUMINUM MATERIAL SHALL BE GALVANIZED PRIOR TO VINYL COATING.
 -USE STONE RIPRAP, CLASS A3 IN FILL AREAS UNDER THE SLOPE MATTRESS AS NEEDED TO BRING THE SLOPE MATTRESS TO FINISH GRADE. THE FILTER FABRIC SHALL BE PLACED BELOW THIS RIPRAP.
 -EDGE OF WATER VARIES AS WATER VOLUMES FLUCTUATE AND THE COURSE OF THE RIVER CHANGES. FIELD WORK COMPLETED: 6-13-2012. NO ADDITIONAL EASEMENTS WILL BE REQUIRED.

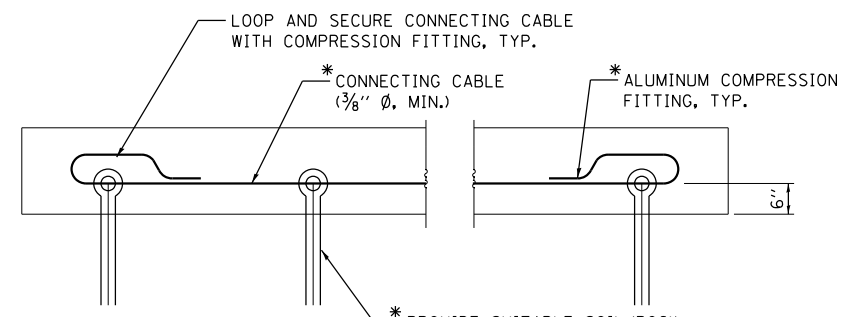
NOTES:
 - GABIONS (3 FT X 3 FT) ARE TO BE PLACED ALONG THE UPSTREAM EDGE OF ALL SLOPE MATTRESS INSTALLATIONS.
 - GABIONS (3 FT X 3 FT) ARE TO BE PLACED ALONG THE DOWNSTREAM EDGE OF ALL SLOPE MATTRESS INSTALLATIONS EXCEPT FOR THE MATTRESS IN THE SE QUADRANT.



SECTION A-A

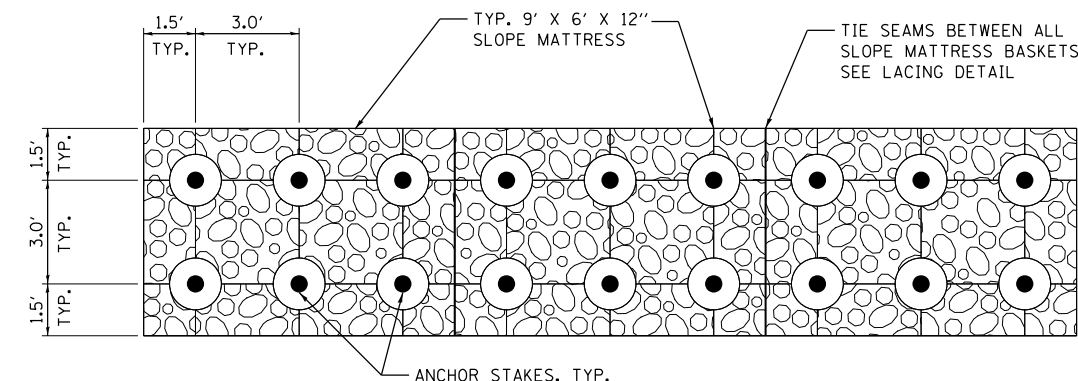


SLOPE PROTECTION LAYOUT



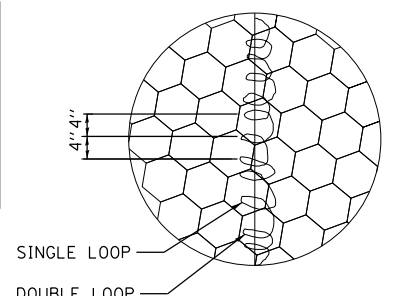
*INCLUDED IN THE COST OF SLOPE MATTRESS 12"

SLOPE MATTRESS SECURING DETAIL



NOTE:
 ANCHOR STAKES ARE TO BE PLACED ON 3.0' CTS. WITH AN ARRANGEMENT AS SHOWN ABOVE.

TYPICAL ANCHOR STAKE LAYOUT DETAIL



LACING DETAIL

BILL OF MATERIAL

ITEM	UNIT	TOTAL
FILTER FABRIC	SQ. YD.	834
SLOPE MATTRESS 12"	SQ. YD.	463
STONE RIPRAP, CLASS A3	TON	10
GABIONS	CU. YD.	128



USER NAME = TMiller	DESIGNED - DH	REVISED -
PLOT SCALE = 20.00' / in.	DRAWN - JN	REVISED -
PLOT DATE = 4/28/2014	CHECKED - JMT	REVISED -
	DATE - 4-28-2014	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SLOPE PROTECTION DETAILS

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3519	66-B	COOK	57	20
CONTRACT NO. 60X41				
ILLINOIS FED. AID PROJECT				

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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Accurate
Group, Inc.

USER NAME = TML114
 DRAWN = CC
 CHECKED = JMT
 DATE = 4-28-2014

DESIGNED = TGM
 REVISIONS

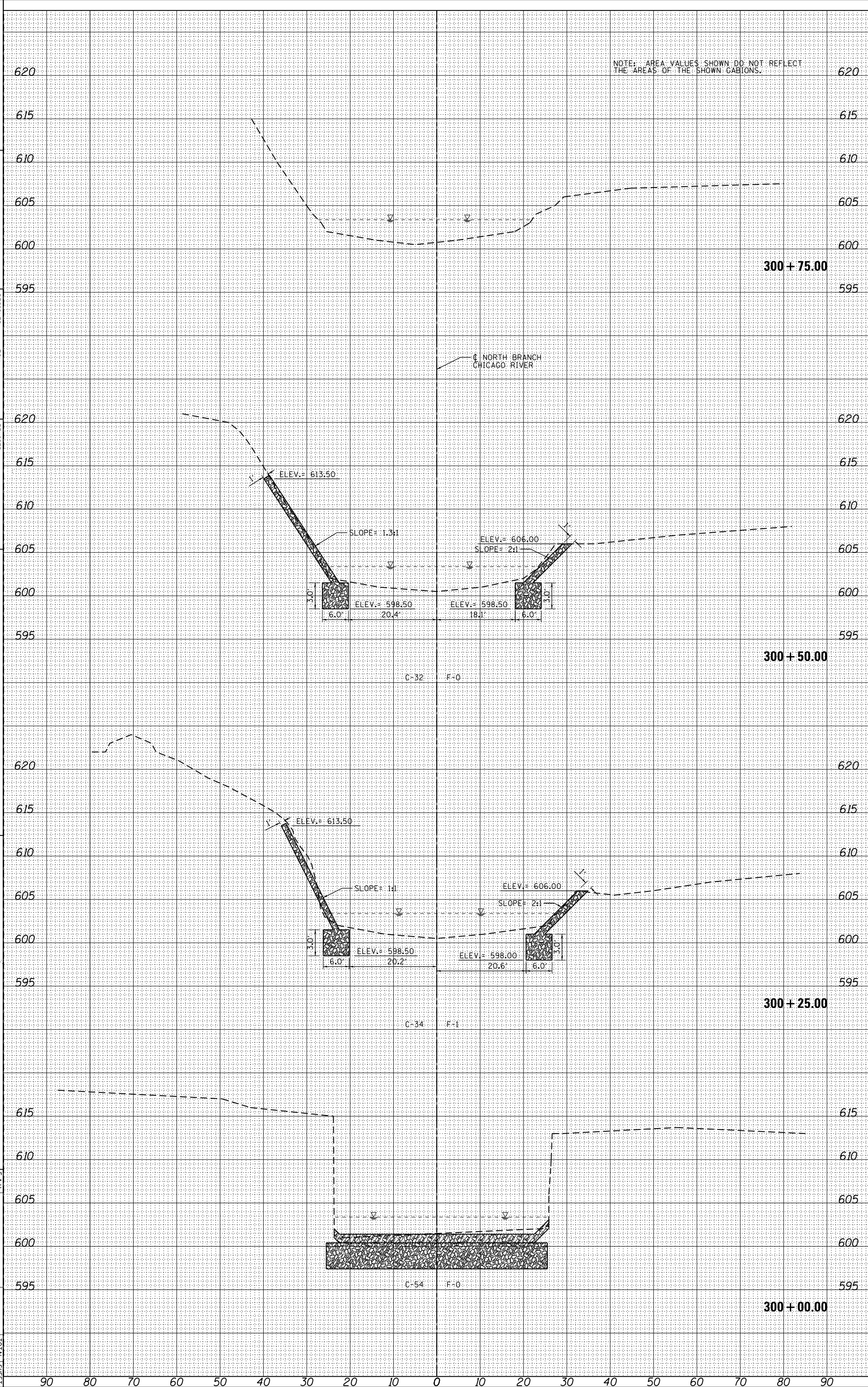
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: SHEET OF SHEETS STA. 100+00.00 TO STA. 100+50.00

N CHICAGO RIVER SECTIONS

FEAU RFE 3519 SECTION 66-B COUNTY COOK CONTRACT NO. 60X41 TOTAL SHEET NO. 57

NOTE: AREA VALUES SHOWN DO NOT REFLECT THE AREAS OF THE SHOWN GABIONS.



90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90