

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	2006-005 I	COOK	31	1
FED. ROAD DIST. NO. 1	ILLINOIS	CONTRACT NO. 60B22		

FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

VARIOUS ROUTES
SECTION 2006-005 I
VARIOUS LOCATIONS
SCOUR COUNTERMEASURES
COOK COUNTY
C-91-311-06

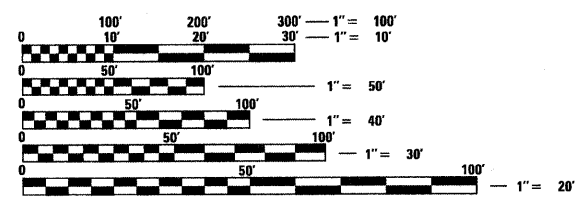
IMPROVEMENT LOCATED IN THE
VILLAGE OF FOREST PARK
VILLAGE OF MAYWOOD
CITY OF DES PLAINES
COOK COUNTY FOREST PRESERVES
VILLAGE OF MAYWOOD
CITY OF CHICAGO
VILLAGE OF RIVERDALE

D-91-311-06



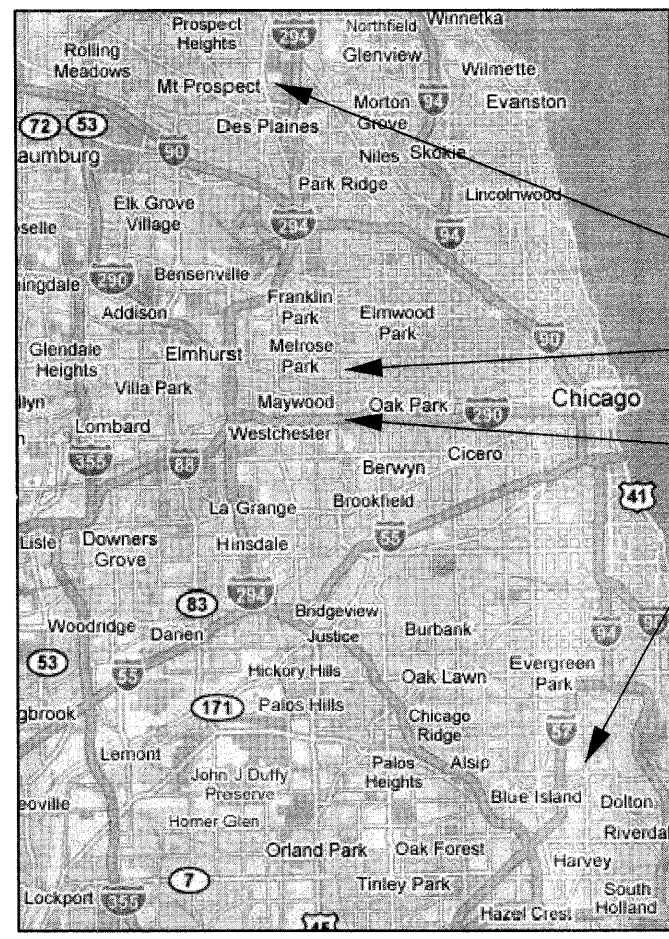
LOCATION OF SECTION INDICATED THIS: - [shaded area] -

DISTRICT ONE - PLAN PREP ENGINEER: KEN ENG (847) 705-4247



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 LOCATING INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811



- LOCATION 2: S.N. 016-0551, CENTRAL ROAD OVER DES PLAINES RIVER
- LOCATION 3: S.N. 016-0863, CHICAGO AVENUE OVER DES PLAINES RIVER
- LOCATION 1: S.N. 016-0090, I-290 OVER DES PLAINES RIVER
- LOCATION 4: S.N. 016-0193, HALSTED STREET OVER LITTLE CALUMET RIVER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED: January 21, 2009

Diana M. O'Keefe as
DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER

May 8, 2009
Charles G. Ingersoll
ENGINEER OF DESIGN AND ENVIRONMENT

May 8, 2009
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER



Birinder S. Sachdeva January 20, 2009
BIRINDER S. SACHDEVA, P.E. DATE
EXPIRES: 11-30-2009



Bhadrish N. Shah January 20, 2009
BHADRISH N. SHAH, S.E., P.E. DATE
EXPIRES: 11-30-2010

CR & A
CHRISTIAN-ROGE & ASSOCIATES, INC.
ENGINEERS - PLANNERS - SURVEYORS
211 W. WACKER DRIVE CHICAGO, IL. 60606
TELEPHONE: 312-372-2023

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

CONTRACT NO. 60B22

INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS, LIST OF STATE STANDARDS AND GENERAL NOTES SCOUR COUNTERMEASURES - VARIOUS LOCATIONS
3	SUMMARY OF QUANTITIES SCOUR COUNTERMEASURES - VARIOUS LOCATIONS
4	LOCATION MAP
5 - 6	SCOUR COUNTERMEASURES - I-290 OVER DES PLAINES RIVER
7 - 8	STRUCTURAL DRAWINGS - I-290 OVER DES PLAINES RIVER
9 - 10	SCOUR COUNTERMEASURES - CENTRAL ROAD OVER DES PLAINES RIVER
11 - 12	SCOUR COUNTERMEASURES - CHICAGO AVENUE OVER DES PLAINES RIVER
13 - 14	SCOUR COUNTERMEASURES - HALSTED STREET OVER LITTLE CALUMET RIVER
15 - 18	PLAT OF HIGHWAYS
19 - 25	CROSS SECTIONS SCOUR COUNTERMEASURES - VARIOUS LOCATIONS
26	ARTERIAL ROAD INFORMATION SIGN
27	TRAFFIC CONTROL & PROTECTION FOR SIDEROADS, INTERSECTIONS AND DRIVEWAYS
28	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURE
29 - 31	DEWATERING SYSTEM DETAILS SCOUR COUNTERMEASURES - VARIOUS LOCATIONS

LIST OF STATE STANDARDS

STANDARD NO.	DESCRIPTION
701201-03	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701400-03	APPROACH TO LANE CLOSURE, FREEWAY / EXPRESSWAY
701401-05	LANE CLOSURE, FREEWAY / EXPRESSWAY
701411-05	LANE CLOSURE, MULTILANE AT ENTRANCE OR EXIT RAMP FOR SPEEDS ≥ 45 MPH FREEWAY / EXPRESSWAY
701426-03	LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-06	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701606-06	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701901-01	TRAFFIC CONTROL DEVICES

GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." (JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS) AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE & GAS FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED.)
2. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OF FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
3. 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.
4. DEBRIS REMOVAL, IF ENCOUNTERED, SHALL BE DONE IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS & CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION ORDERING OF MATERIAL.
6. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE ARTERIAL TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 AND THE EXPRESSWAY TRAFFIC CONTROL SUPERVISOR AT (847) 705-4155 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
7. 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 CONTRACTOR'S OPERATIONS) SHALL BE RESTORED BY REGRADING TO THE ORIGINAL CONTOURS AND/OR SEEDING WITH SEEDING, CLASSES 4 AND 5, AND MULCHING WITH EROSION CONTROL BLANKET. PLACE TEMPORARY SEEDING AND TEMPORARY EROSIONS CONTROL BLANKET 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.
8. THE CONTRACTOR IS ADVISED TO AVOID OR MINIMIZE ANY DISTURBANCE TO EXISTING VEGETATION OUTSIDE THE LIMITS OF RIPRAP PLACEMENT AND CHANNEL EXCAVATION.
9. THE CONTRACTOR MUST PROTECT PAVEMENT WHEN DUMPING RIPRAP ONTO PAVEMENT AND WILL BE RESPONSIBLE FOR RESTORING PAVEMENT MARKINGS.
10. ANY GUARDRAIL OR SIGNS DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
11. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
12. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
13. THE CONTRACTOR SHALL SUBMIT DEWATERING AND SEDIMENT CONTROL PLANS FOR EACH SITE.
14. THE CONTRACTOR SHALL CONTACT THE ENGINEER AFTER DEWATERING FOR FINAL RIPRAP OR SLOPE MATTRESS PLACEMENT.

FILE NAME = D160822-shr-gennote.dgn
PLOT DATE = 2/1/2009



CHRISTIAN-ROGE & ASSOCIATES, INC.
ENGINEERS-PLANNERS-SURVEYORS
211 WEST WACKER DRIVE
CHICAGO, ILLINOIS 60606
PHONE: (312)372-2023 FAX: (312)372-5274

DESIGNED - G.F.L.	REVISED -
DRAWN - A.C.S./K.R.K.	REVISED -
CHECKED - E.J.M.	REVISED -
DATE - JANUARY 2009	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, LIST OF STATE STANDARDS AND GENERAL NOTES
SCOUR COUNTERMEASURES - VARIOUS LOCATIONS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	2006-005 I	COOK	31	2
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60B22	

SUMMARY OF QUANTITIES			URBAN 100% STATE	SFTY-2A						
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	LOCATION 1 I-290	LOCATION 2 CENTRAL	LOCATION 3 CHICAGO	LOCATION 4 HALSTED			
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	22	22						
20300100	CHANNEL EXCAVATION	CU YD	4,247	4,151	47	27	22			
28100107	STONE RIPRAP, CLASS A4	SQ YD	2,431	1,750	681					
28200200	FILTER FABRIC	SQ YD	4,189	1,750	1,113	825	501			
28400100	GABIONS	CU YD	130		32	57	41			
28401700	SLOPE MATTRESS, 24"	SQ YD	1,628		400	768	460			
50102400	CONCRETE REMOVAL	CU YD	189	189						
50300225	CONCRETE STRUCTURES	CU YD	10.3	10.3						
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	880	880						
50200100	STRUCTURE EXCAVATION	CU YD	6.7	6.7						
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	1	1	1	1			
67100100	MOBILIZATION	L SUM	1	0.25	0.25	0.25	0.25			
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1			0.5	0.5			
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1		1					
X0301852	DEWATERING STRUCTURE NO. 1	EACH	1	1						
X0301853	DEWATERING STRUCTURE NO. 2	EACH	1		1					
X0301854	DEWATERING STRUCTURE NO. 3	EACH	1			1				
X0301855	DEWATERING STRUCTURE NO. 4	EACH	1				1			
X0321781	MECHANICAL SPLICE	EACH	75	75						
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	154.2		51.4	51.4	51.4			
X7011015	TRAFFIC CONTROL AND PROTECTION, (EXPRESSWAYS)	L SUM	1	1						

* SPECIALTY ITEM

FILE NAME = D160B22-aht-500.dgn
PLOT DATE = 2/1/2009

CHRISTIAN-ROGE & ASSOCIATES, INC.
ENGINEERS-PLANNERS-SURVEYORS
211 WEST WACKER DRIVE
CHICAGO, ILLINOIS 60606
PHONE: (312)372-2823 FAX: (312)372-5274

DESIGNED - G.F.L.	REVISED -
DRAWN - A.C.S./K.R.K.	REVISED -
CHECKED - E.J.M.	REVISED -
DATE - JANUARY 2009	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
SCOUR COUNTERMEASURES - VARIOUS LOCATIONS

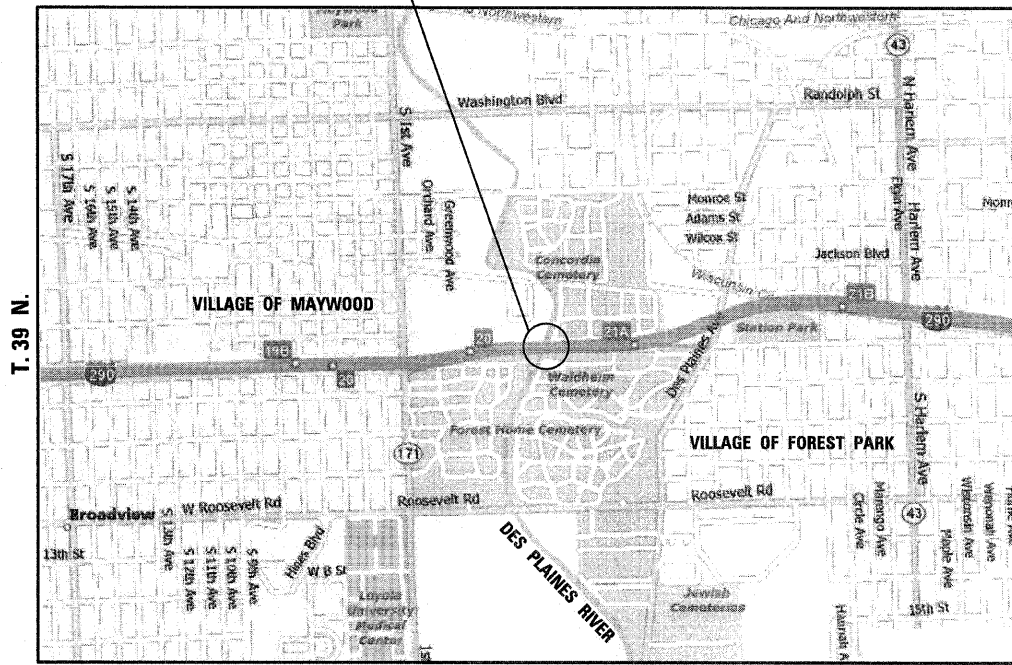
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. VARIOUS TO STA. VARIOUS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	2006-005 I	COOK	31	3
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60B22	

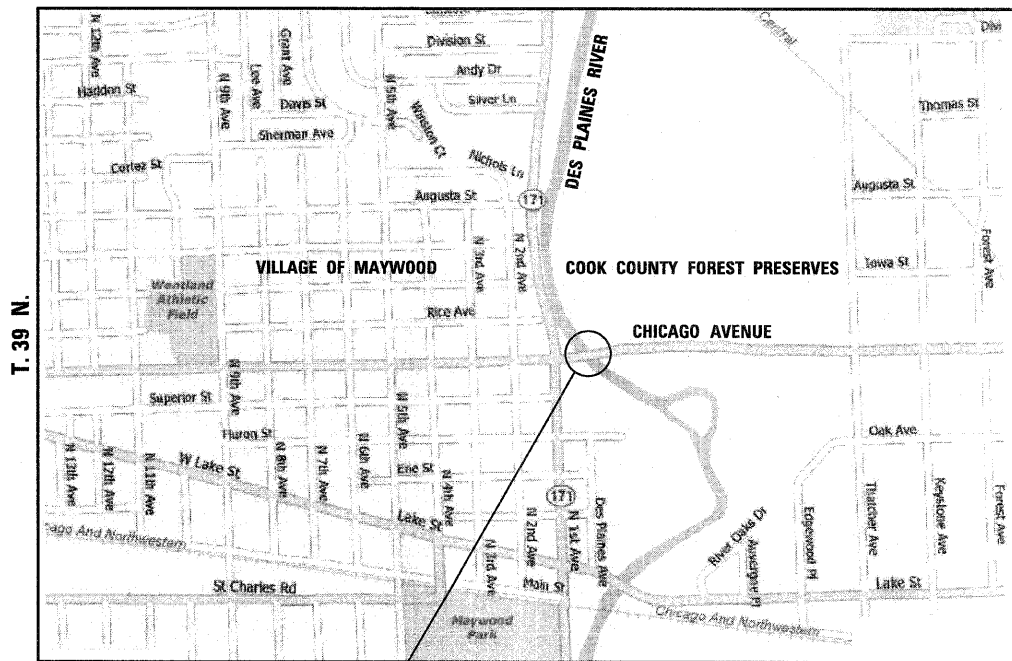
Rev

TRAFFIC DATA
 SPEED LIMIT = 55 MPH
 2007 ADT = 205,600

LOCATION 1 - COOK COUNTY
 STRUCTURE NUMBER: 016-0090
 I-290 OVER DES PLAINES RIVER
 LOCATED IN PROVISO TOWNSHIP



R. 12 E.
 R. 12 E.

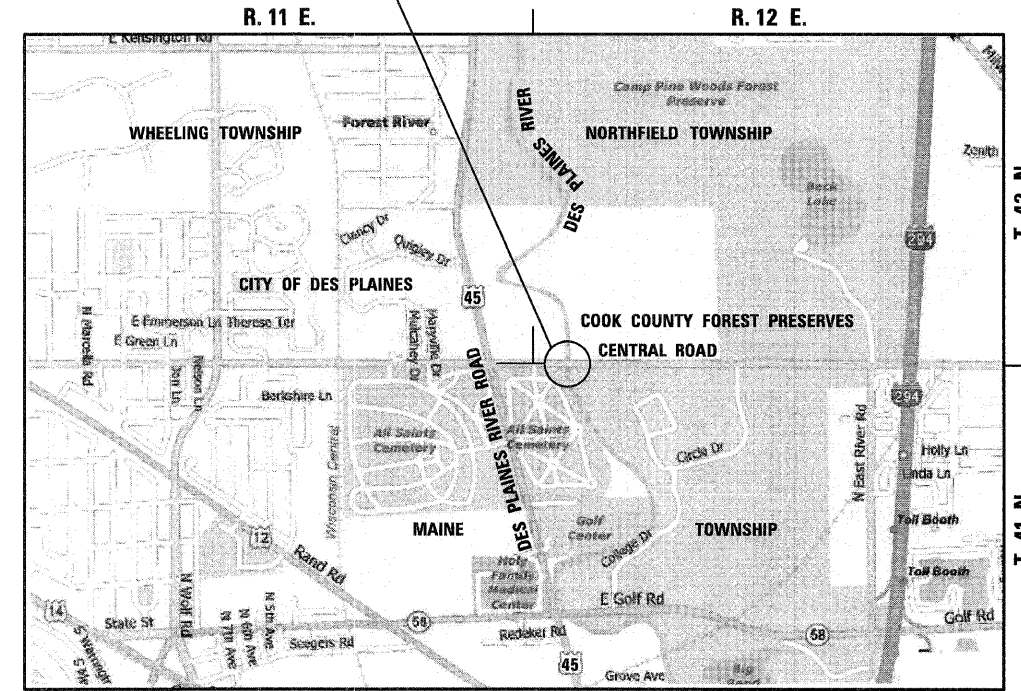


TRAFFIC DATA
 SPEED LIMIT = 30 MPH
 2007 ADT = 8,800

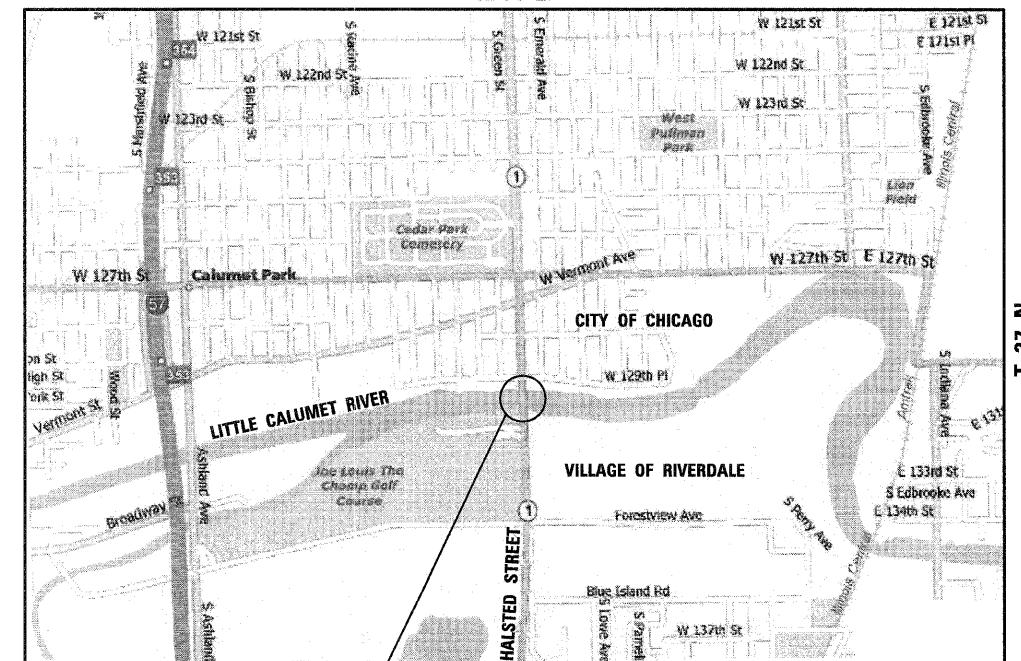
LOCATION 3 - COOK COUNTY
 STRUCTURE NUMBER: 016-0863
 CHICAGO AVENUE OVER DES PLAINES RIVER
 LOCATED IN PROVISO TOWNSHIP

TRAFFIC DATA
 SPEED LIMIT = 45 MPH
 2007 ADT = 13,800

LOCATION 2 - COOK COUNTY
 STRUCTURE NUMBER: 016-0551
 CENTRAL ROAD OVER DES PLAINES RIVER
 LOCATED IN MAINE AND NORTHFIELD TOWNSHIPS



R. 12 E.
 R. 14 E.



TRAFFIC DATA
 SPEED LIMIT = 35 MPH
 2007 ADT = 17,200

LOCATION 4 - COOK COUNTY
 STRUCTURE NUMBER: 016-0193
 HALSTED STREET OVER LITTLE CALUMET RIVER
 LOCATED IN CALUMET TOWNSHIP



FILE NAME = D168822-ah-Location.dwg
 PLOT DATE = 1/30/2009

CHRISTIAN-ROGE & ASSOCIATES, INC.
 ENGINEERS-PLANNERS-SURVEYORS
 211 WEST WACKER DRIVE
 CHICAGO, ILLINOIS 60606
 PHONE: (312)372-2023 FAX: (312)372-5274

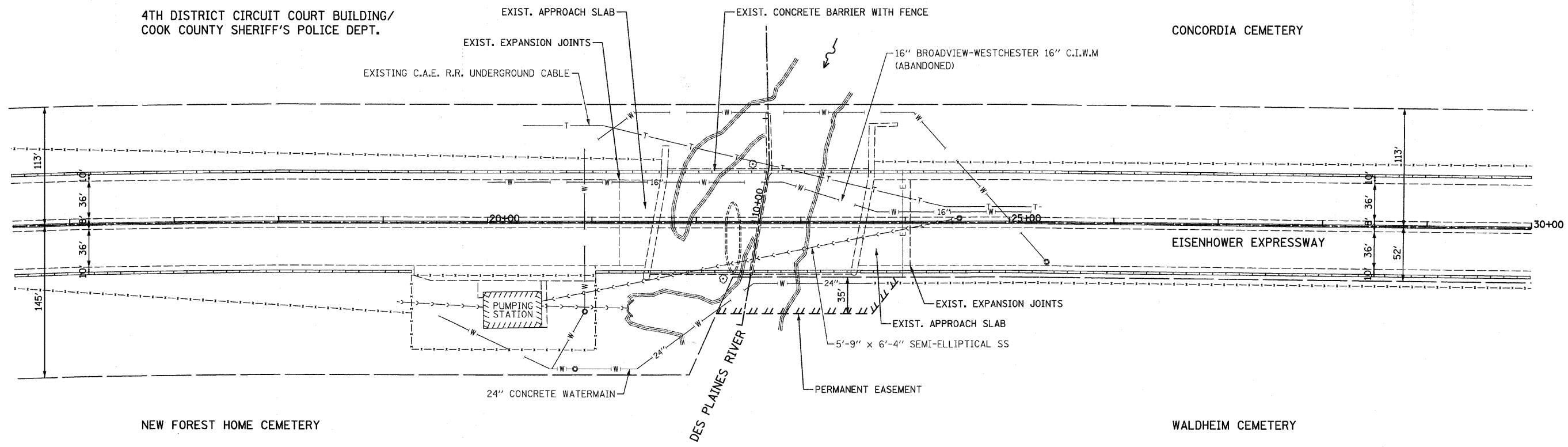
DESIGNED - G.F.L.	REVISED -
DRAWN - A.C.S./K.R.K.	REVISED -
CHECKED - E.J.M.	REVISED -
DATE - JANUARY 2009	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

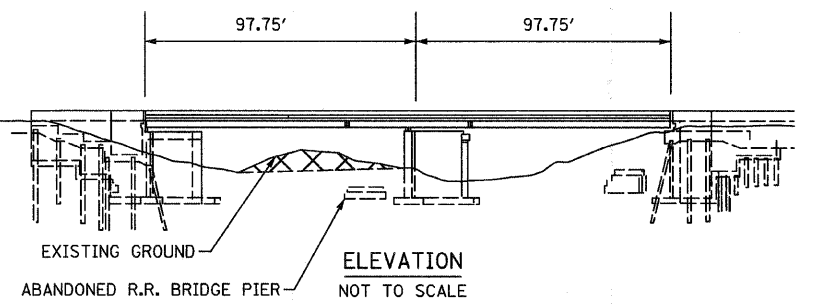
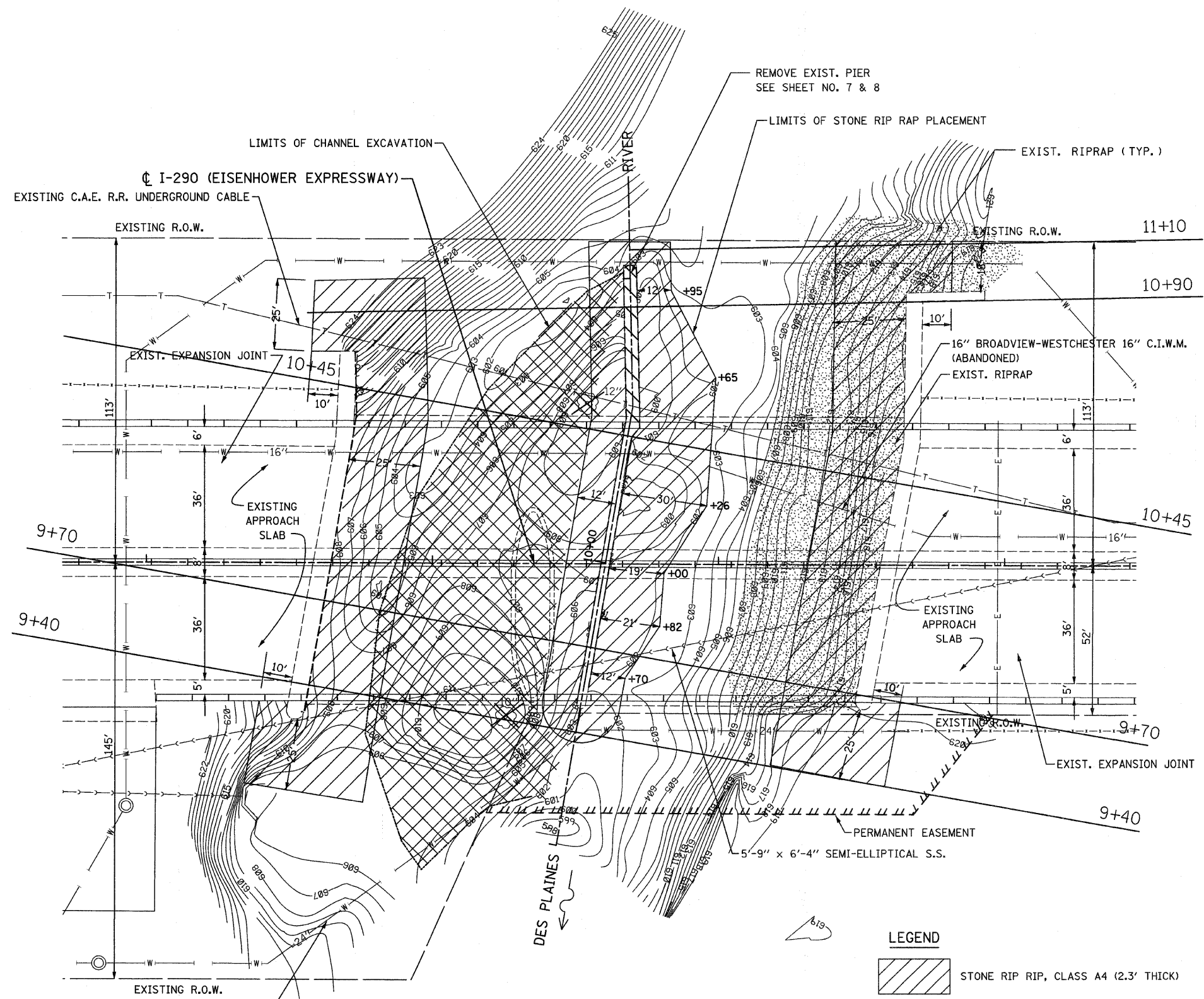
LOCATION MAP
 SCOUR COUNTERMEASURES - VARIOUS LOCATIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	2006-005 I	COOK	31	4
CONTRACT NO. 60B22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



FILE NAME = D160---sh-t-site plan.dgn PLOT DATE = 1/30/2009	CHRISTIAN-ROGE & ASSOCIATES, INC. ENGINEERS-PLANNERS-SURVEYORS 211 WEST WACKER DRIVE CHICAGO, ILLINOIS 60606 PHONE: (312)372-2023 FAX: (312)372-5274	DESIGNED - G.F.L.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING CONDITIONS AND PROPOSED PLAN I-290 OVER DES PLAINES RIVER		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - B.K.	REVISED -		VAR.	2006-005 I	COOK	31	5		
CHECKED - M.P.	REVISED -	SCALE: 1" = 50' SHEET NO. 1 OF 2 SHEETS STA. TO STA.			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						
DATE - JANUARY 2009	REVISED -	CONTRACT NO. 60B22									



ACCESS TO THIS SITE IS LIMITED. THE CONTRACTOR SHALL ONLY ACCESS THIS SITE BY RAISING AND/OR LOWERING ALL EQUIPMENT AND MATERIAL OVER THE SIDES OF THE BRIDGE. THE CONTRACTOR WILL NOT BE ALLOWED OTHER ACCESS WITHOUT WRITTEN PERMISSION FROM THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES FOR THE CONSTRUCTION ITEMS INVOLVED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

- BM 1: SQUARE CUT TOP OF WALK S.W. CORNER OF S.W. CORNER OF BRIDGE. EL. = 625.25
- BM 2: FOUND DISC ON N.W. WING WALL OF BRIDGE McCLURG ENG. BM # 697 EL. = 625.06

- LEGEND**
- STONE RIP RAP, CLASS A4 (2.3' THICK)
 - CHANNEL EXCAVATION

PLAN
SCALE: 1" = 20'

NOTE:
1. FOR CROSS SECTIONS SEE SHEET NO. 19-21.
2. FOR PLAT OF HIGHWAYS SEE SHEET NO. 15.

FILE NAME = D168---sht-eros.dgn PLOT DATE = 1/30/2009	CHRISTIAN-ROGE & ASSOCIATES, INC. ENGINEERS-PLANNERS-SURVEYORS 211 WEST WACKER DRIVE CHICAGO, ILLINOIS 60606 PHONE: (312)372-2023 FAX: (312)372-5274	DESIGNED - G.F.L. DRAWN - B.K. CHECKED - M.P. DATE - JANUARY 2009	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL PLAN I-290 OVER DES PLAINES RIVER	F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. VAR. 2006-005 I COOK 31 6 CONTRACT NO. 60B22 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT
				SCALE: 1" = 20'	SHEET NO. 2 OF 2 SHEETS STA. 21+00 TO STA. 24+00	

SCOPE OF WORK

1. Saw Cut and Remove Existing Pier Stem at a Height of 21'-10 1/2"± as Indicated on Partial Plan.
2. Reconstruct Pier Nose, See Sht. S2 for Details.

GENERAL NOTES:

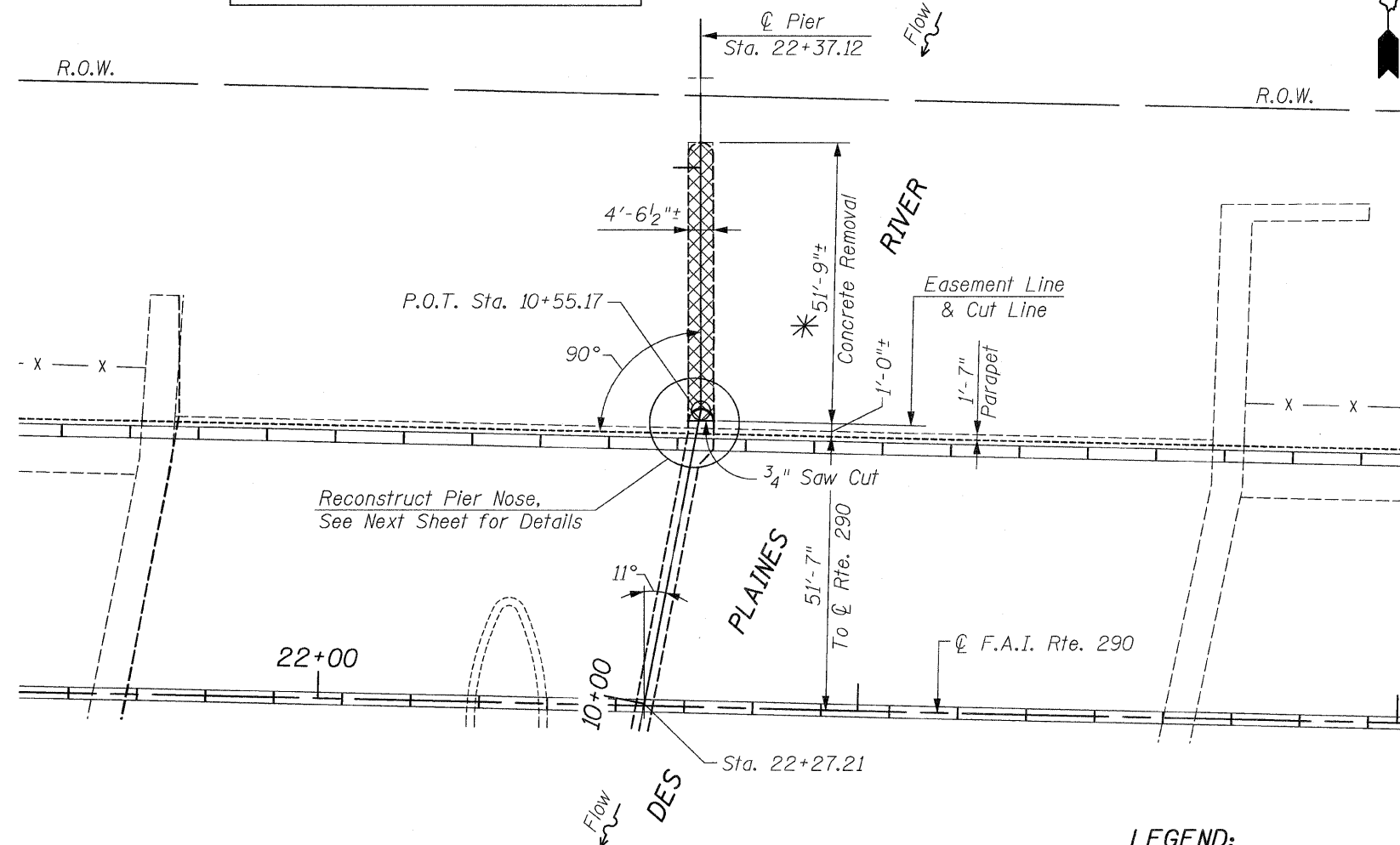
Plan Dimensions and Details Relative to Existing Plans are Subject to Nominal Construction Variations. The Contractor Shall Field Verify Existing Dimensions and Details Affecting new Construction and make Necessary Approved Adjustments Prior to Construction or Ordering of Materials. Such Variations Shall not be Cause for Additional Compensation for a Change in Scope of the work, However, the Contractor will be paid for the Quantity Actually Furnished at the Unit Price Bid for the Work.

Saw Cutting Prior to any Removal of Items Noted on the Plan or as Directed by the Engineer Shall be Considered Included in the cost of the Items Being Removed.

Reinforcement Bars shall Conform to the Requirements of ASTM A-706, Grade 60. See Special Provisions.

Reinforcement Bars Designated (E) Shall be Epoxy Coated.

* Remove the Pier From Top El. 619.87± to El. 598.00±



PARTIAL PLAN
(Showing Pier Removal)

LEGEND:

Concrete Removal

TOTAL BILL OF MATERIAL

Item	Unit	Quantity
Concrete Removal	Cu. Yd.	189
Concrete Structures	Cu. Yd.	10.3
Reinforcement Bars, Epoxy Coated	Pound	880
Structure Excavation	Cu. Yd.	6.7
Dewatering Structure No. 1	Each	1

**

** See Special Provision

DESIGN STRESSES

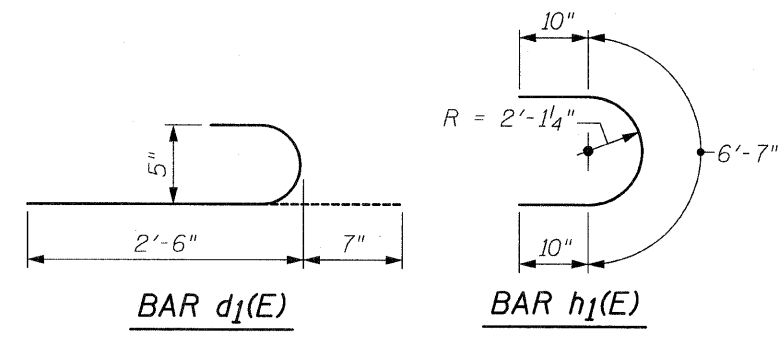
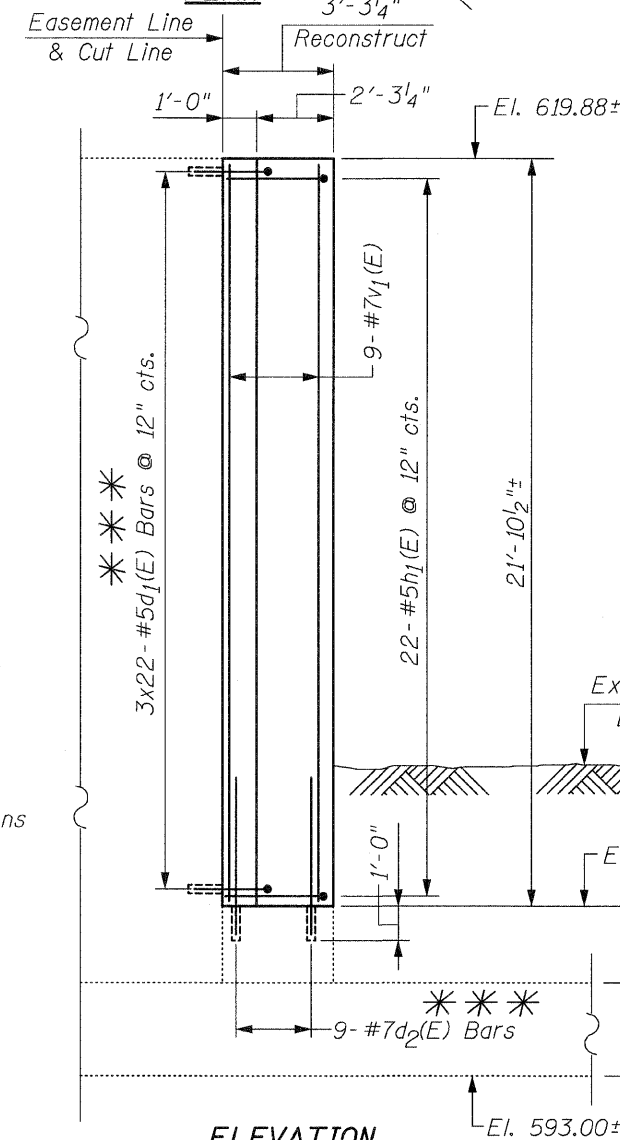
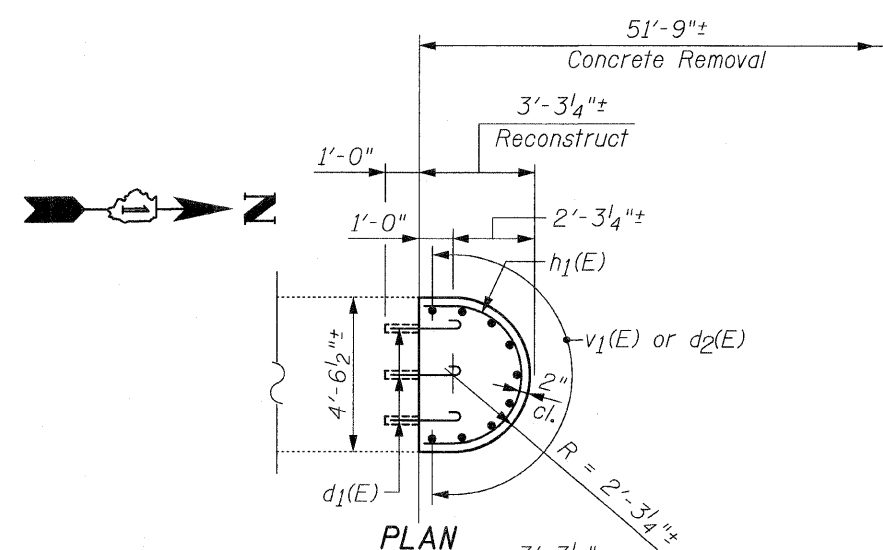
FIELD UNITS

f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)



CHRISTIAN-ROGE & ASSOCIATES, INC.
ENGINEERS / PLANNERS / SURVEYORS
211 W. WACKER DRIVE CHICAGO, IL. 60606
PHONE: (312)372-2023 FAX: (312)372-5274

FILE NAME = plan_sections.dgn	USER NAME = IDOT	DESIGNED - B.N.S./G.L.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PARTIAL PLAN - EXISTING PIER REMOVAL I-290 OVER DES PLAINES RIVER	F.A.P. RTE. VARIOUS	SECTION 2006-005 1	COUNTY COOK	TOTAL SHEETS 31	SHEET NO. 7	
PLT SCALE = 50.0000' / IN.	CHECKED - B.N.S./J.C.N./G.L.	REVISED -	SCALE:			SHEET NO. S1 OF S2 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 60B22	
PLT DATE = 1/30/2009	DATE - JANUARY, 2009	REVISED -									

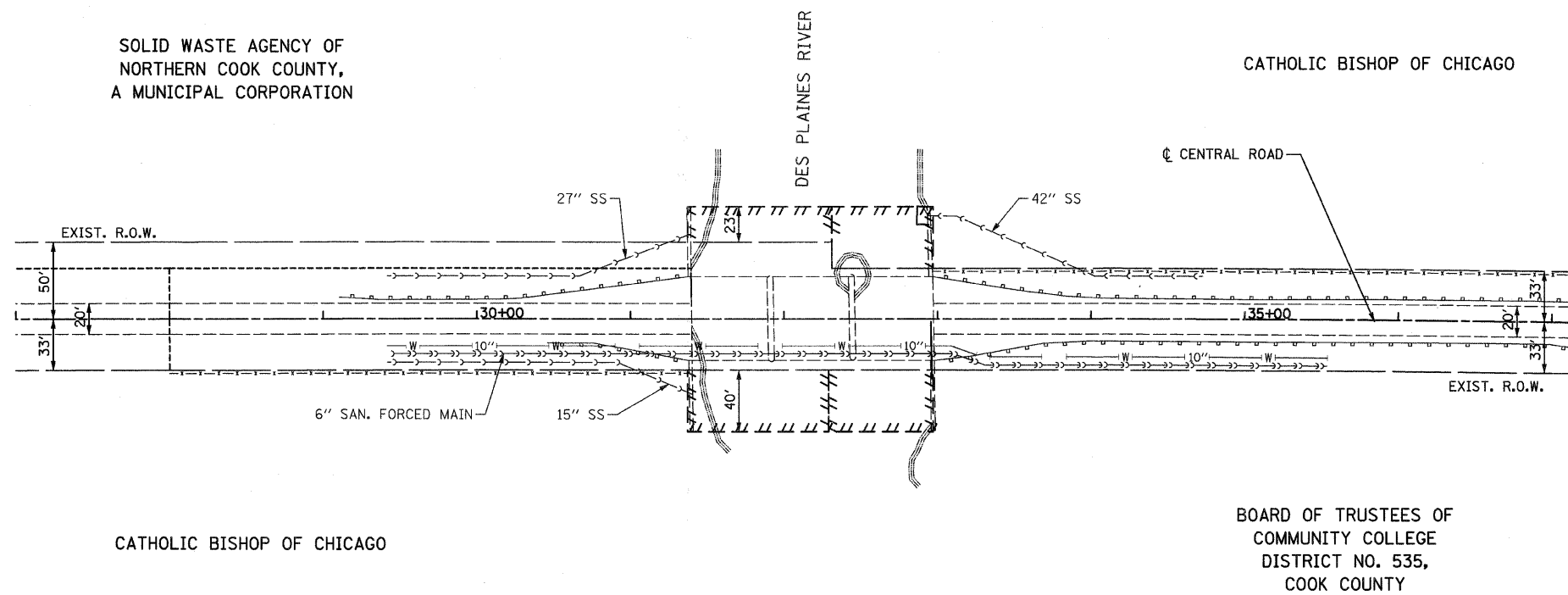


BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d ₁ (E)	66	#5	3'-1"	U
d ₂ (E)	9	#7	4'-7"	—
h ₁ (E)	22	#5	8'-3"	U
v ₁ (E)	9	#7	21'-7"	—
Reinforcement Bars, Epoxy Coated		Pound	880	
Concrete Structures		Cu. Yd.	10.3	
Structure Excavation		Cu. Yd.	6.7	

Epoxy Grout Reinforcement Bars According to Section 584 of the Standard Specifications

NOTE:
The Contractor must Verify All Dimensions Before Ordering the Material



FILE NAME = D168---sht-site plan.dgn
 PLOT DATE = 1/30/2009

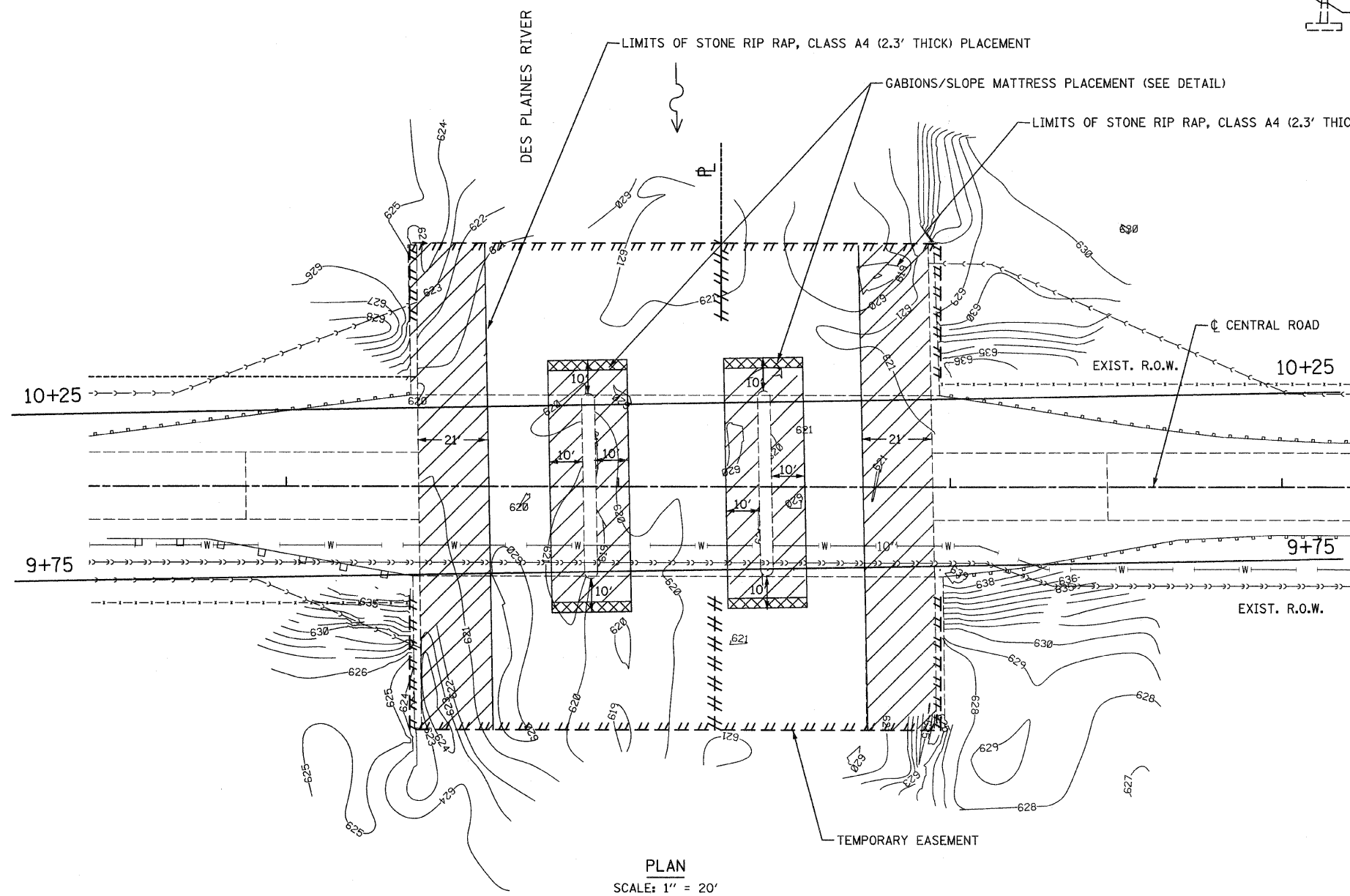
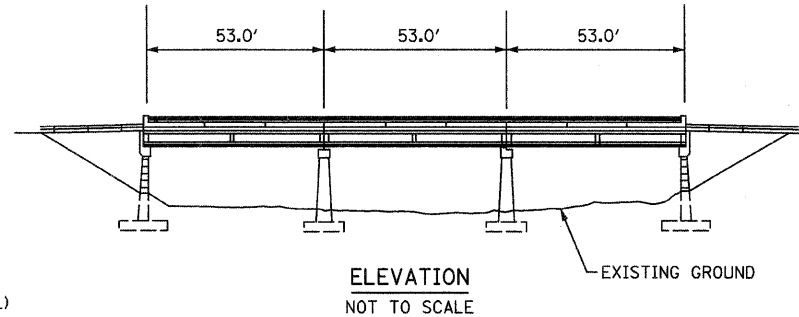
CHRISTIAN-ROGE & ASSOCIATES, INC.
 ENGINEERS-PLANNERS-SURVEYORS
 211 WEST WACKER DRIVE
 CHICAGO, ILLINOIS 60606
 PHONE: (312)372-2023 FAX: (312)372-5274

DESIGNED - G.F.L.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - E.J.M.	REVISED -
DATE - JANUARY 2009	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

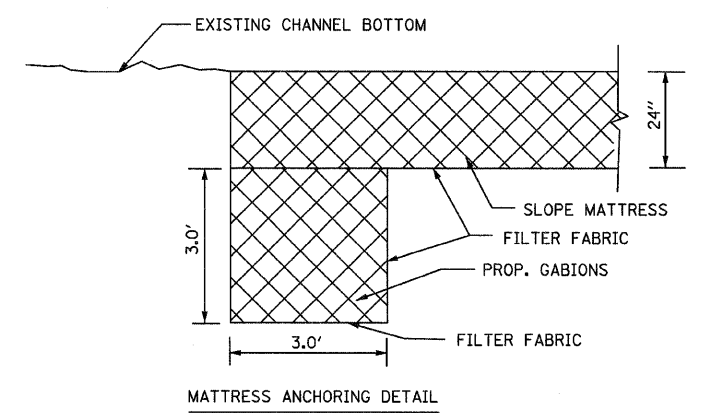
**SITE PLAN
 CENTRAL ROAD OVER DES PLAINES RIVER**
 SCALE: 1" = 50' SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2006-005 I	COOK	31	9
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60B22	



PLAN
SCALE: 1" = 20'

ACCESS TO THIS SITE IS LIMITED. THE CONTRACTOR SHALL ONLY ACCESS THIS SITE BY RAISING AND/OR LOWERING ALL EQUIPMENT AND MATERIAL OVER THE SIDES OF THE BRIDGE. THE CONTRACTOR WILL NOT BE ALLOWED OTHER ACCESS WITHOUT WRITTEN PERMISSION FROM THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES FOR THE CONSTRUCTION ITEMS INVOLVED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

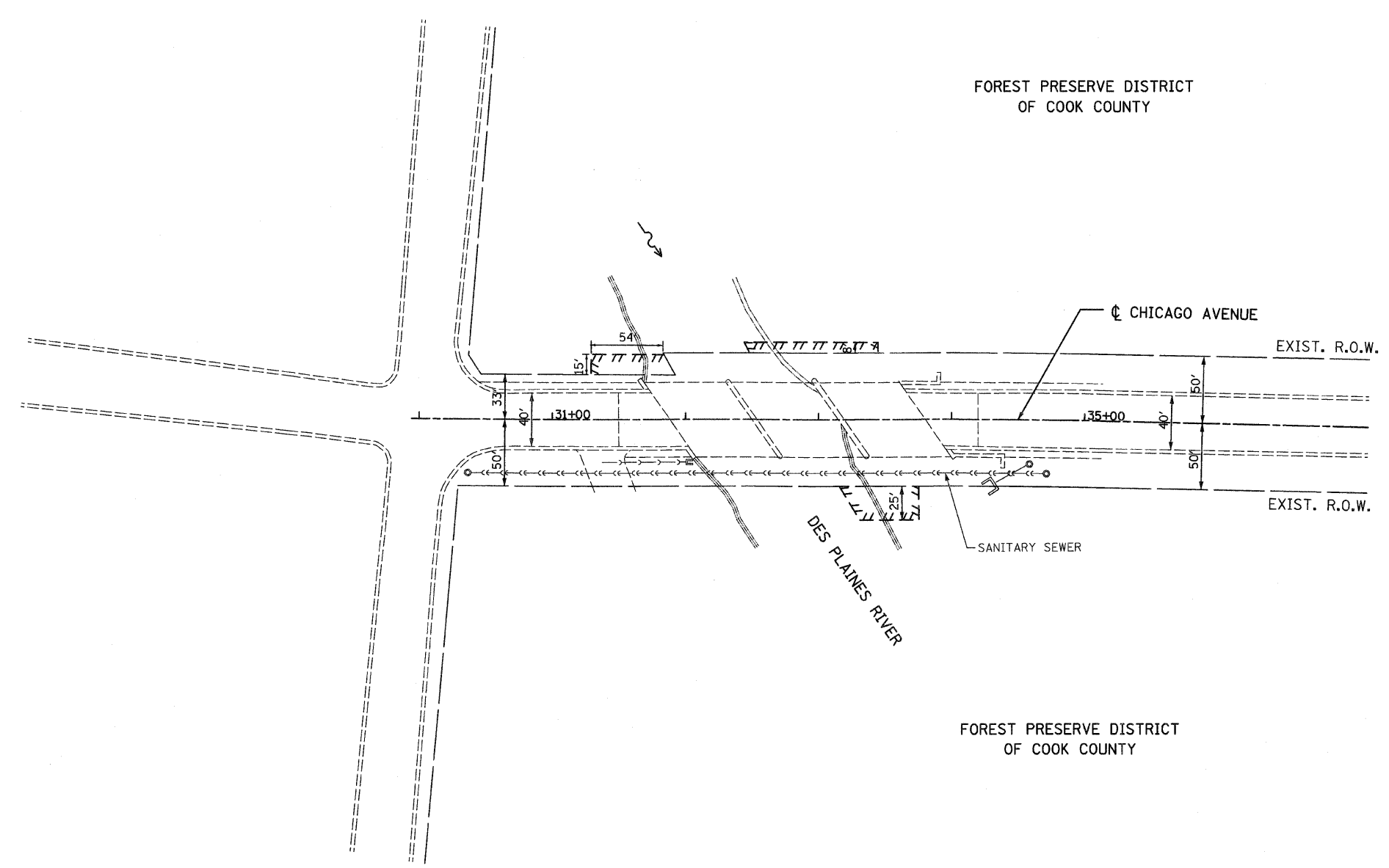


LEGEND
 STONE RIP RAP AS SHOWN

- BM 1: WEST END OF BRIDGE AT ϕ OF JOINT
STA. 31+37
EL. = 639.71
- BM 2: ϕ BRIDGE AT JOINT AT STA. 31+90
EL. = 640.24
- BM 3: ϕ BRIDGE AT JOINT AT STA. 32+45
EL. = 640.24
- BM 4: EAST END OF BRIDGE AT ϕ OF JOINT
STA. 32+96
EL. = 639.71

NOTE:
 1. FOR CROSS SECTIONS SEE SHEET NO. 22.
 2. FOR PLAT OF HIGHWAYS SEE SHEET NO. 16.

FILE NAME = D168---sht-eros.dgn PLOT DATE = 1/30/2009	CHRISTIAN-ROGE & ASSOCIATES, INC. ENGINEERS-PLANNERS-SURVEYORS 211 WEST WACKER DRIVE CHICAGO, ILLINOIS 60606 PHONE: (312)372-2023 FAX: (312)372-5274	DESIGNED - G.F.L.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL PLAN CENTRAL ROAD OVER DES PLAINES RIVER			F.A.P. RTE. VAR.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - B.K.	REVISED -		SCALE: 1" = 50'	SHEET NO. 2 OF 2 SHEETS	STA. 31+00 TO STA. 34+00	2006-005 I	COOK	31	10	
		CHECKED - E.J.M.	REVISED -				CONTRACT NO. 60B22 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					
		DATE - JANUARY 2009	REVISED -									



FOREST PRESERVE DISTRICT
OF COOK COUNTY

FOREST PRESERVE DISTRICT
OF COOK COUNTY

FILE NAME = 0168---sht-site plan.dgn
PLOT DATE = 1/30/2009

CHRISTIAN-ROGE & ASSOCIATES, INC.
ENGINEERS-PLANNERS-SURVEYORS
211 WEST WACKER DRIVE
CHICAGO, ILLINOIS 60606
PHONE: (312)372-2023 FAX: (312)372-5274

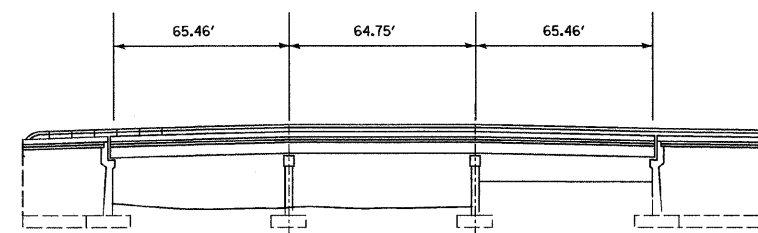
DESIGNED - G.F.L.	REVISED -
DRAWN - A.C.S./K.R.K.	REVISED -
CHECKED - E.J.M.	REVISED -
DATE - JANUARY 2009	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SITE PLAN
CHICAGO AVENUE OVER DES PLAINES RIVER**

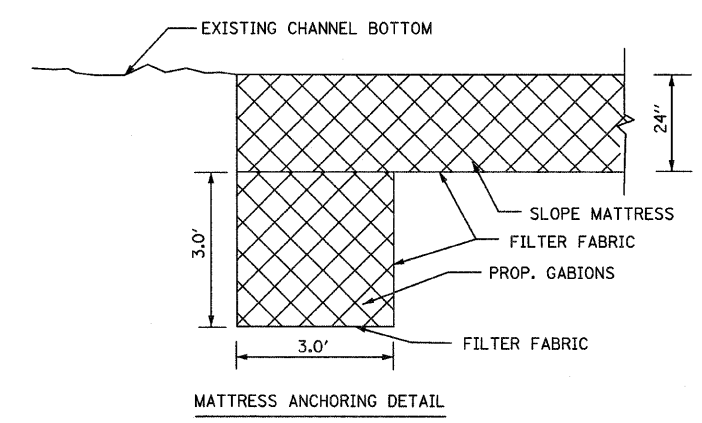
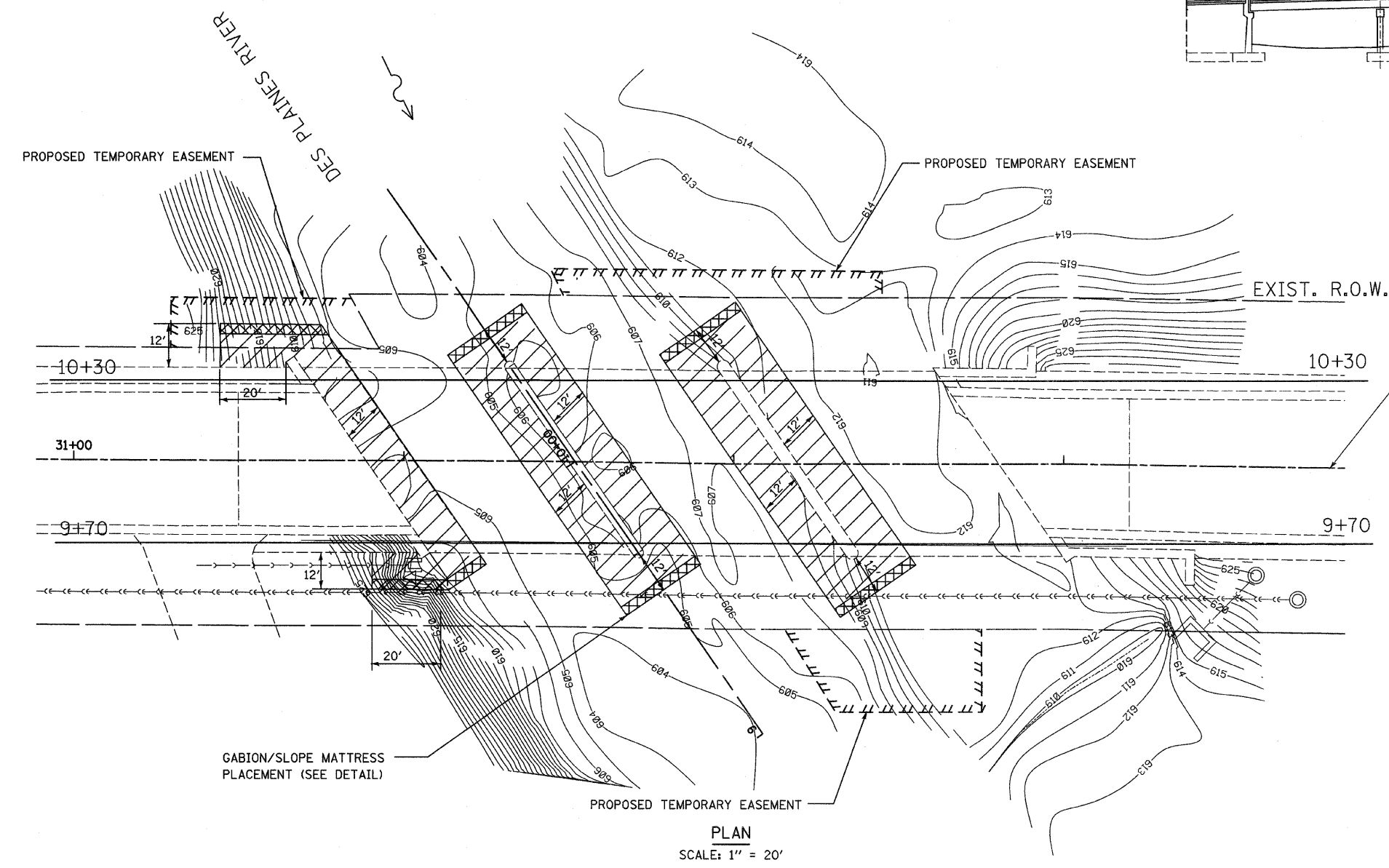
SCALE: 1" = 50' SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. VAR.	SECTION 2006-005 I	COUNTY COOK	TOTAL SHEETS 31	SHEET NO. 11
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 60B22				

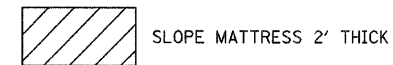


ELEVATION
NOT TO SCALE

ACCESS TO THIS SITE IS LIMITED. THE CONTRACTOR SHALL ONLY ACCESS THIS SITE BY RAISING AND/OR LOWERING ALL EQUIPMENT AND MATERIAL OVER THE SIDES OF THE BRIDGE. THE CONTRACTOR WILL NOT BE ALLOWED OTHER ACCESS WITHOUT WRITTEN PERMISSION FROM THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES FOR THE CONSTRUCTION ITEMS INVOLVED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



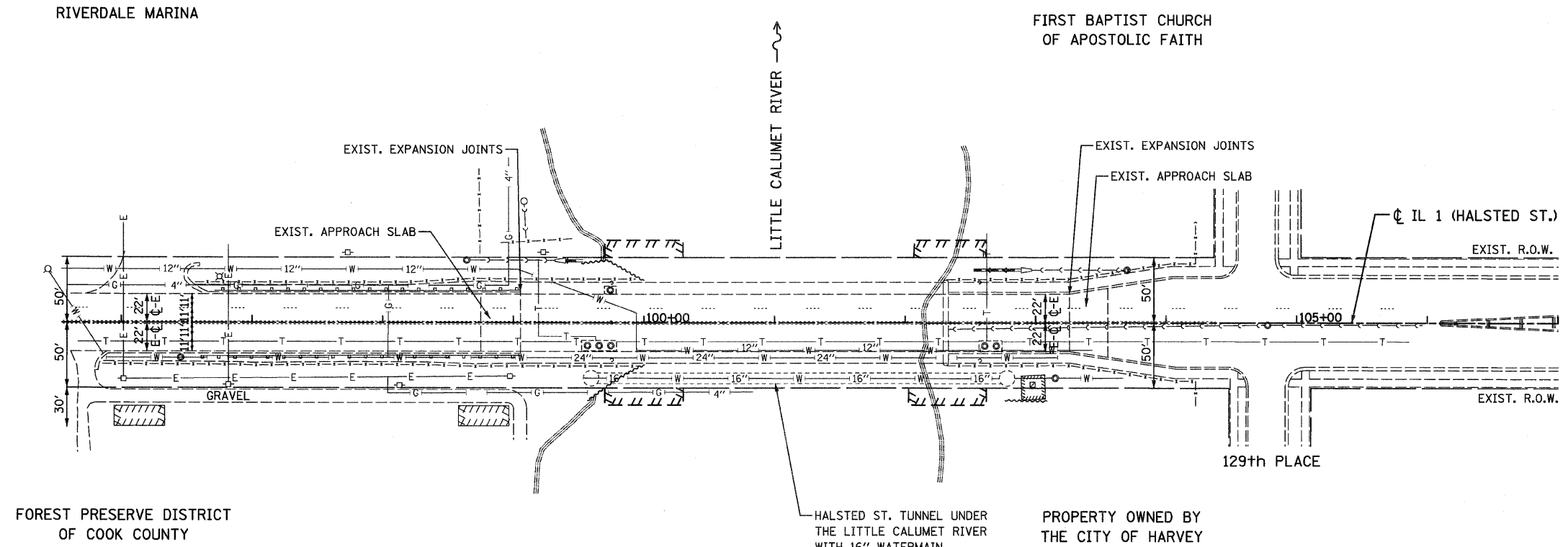
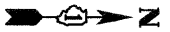
LEGEND



BM 1: AT THE WORD "OPEN" ON FIRE HYDRANT LOCATED AT THE N.W. CORNER OF CHICAGO AVE. AND FIRST STREET
EL. = 628.65

NOTE:
1. FOR CROSS SECTIONS SEE SHEET NO. 23.
2. FOR PLAT OF HIGHWAYS SEE SHEET NO. 17.

FILE NAME = D160---aht-eros.dgn PLOT DATE = 1/30/2009	CHRISTIAN-ROGE & ASSOCIATES, INC. ENGINEERS-PLANNERS-SURVEYORS 211 WEST WACKER DRIVE CHICAGO, ILLINOIS 60606 PHONE: (312)372-2023 FAX: (312)372-5274	DESIGNED - G.F.L.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL PLAN CHICAGO AVENUE OVER DES PLAINES RIVER			F.A.P. RTE. VAR.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - B.K.	REVISED -		SCALE: 1" = 20' SHEET NO. 2 OF 2 SHEETS STA. 31+00 TO STA. 34+00			2006-005 I	COOK	31	12	
CHECKED - E.J.M.	REVISED -				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60B22				
DATE - JANUARY 2009	REVISED -											



FILE NAME = D160---sht-site plan.dgn
 PLOT DATE = 1/30/2009

CHRISTIAN-ROGE & ASSOCIATES, INC.
 ENGINEERS-PLANNERS-SURVEYORS
 211 WEST WACKER DRIVE
 CHICAGO, ILLINOIS 60606
 PHONE: (312)372-2023 FAX: (312)372-5274

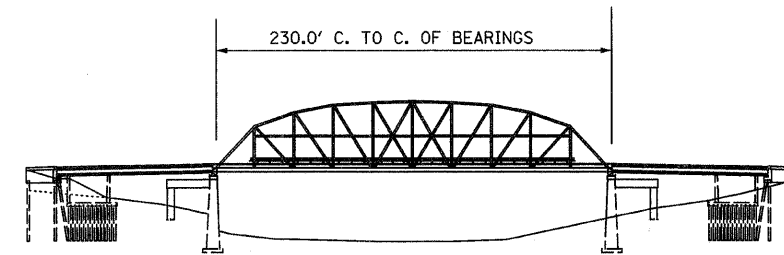
DESIGNED - G.F.L.	REVISED -
DRAWN - A.C.S.	REVISED -
CHECKED - E.J.M.	REVISED -
DATE - JANUARY 2009	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

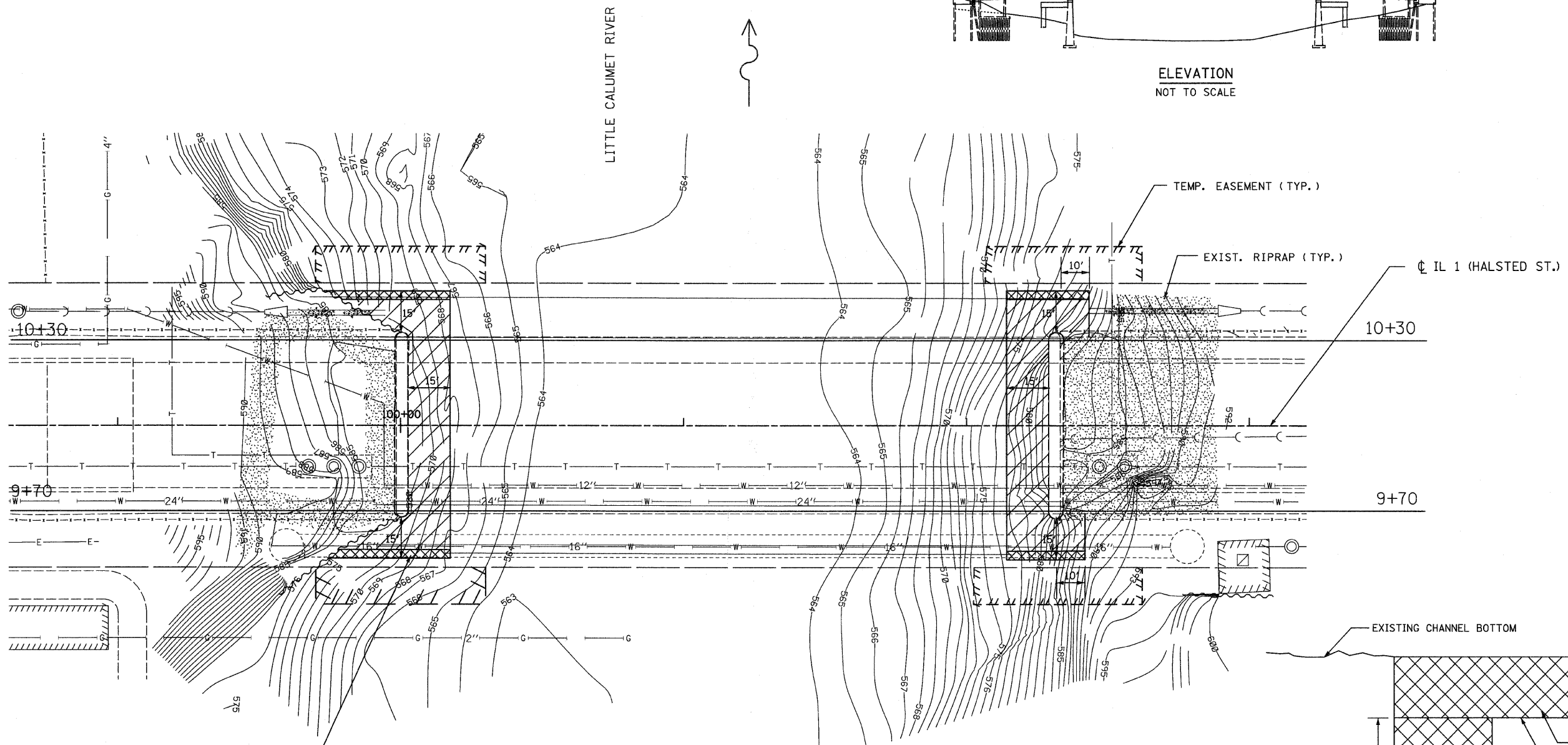
SITE PLAN
HALSTED STREET OVER LITTLE CALUMET RIVER

SCALE: 1" = 50' SHEET NO. 1 OF 2 SHEETS STA. 96+00 TO STA. 107+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2006-005 I	COOK	31	13
CONTRACT NO. 60B22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

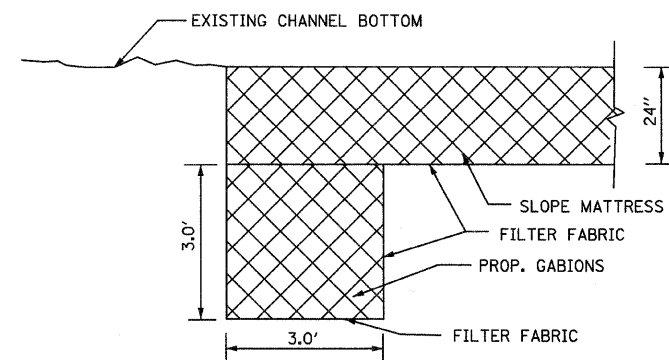


ELEVATION
NOT TO SCALE



GABION/SLOPE MATTRESS
PLACEMENT (SEE DETAIL)

PLAN
SCALE: 1" = 20'



MATTRESS ANCHORING DETAIL

LEGEND

SLOPE MATTRESS (2.0' THICK)

BM 1: FOUND R.R. SPIKE IN POWER POLE W____
WEST OF HALSTED ON ____ROAD TO MARINA
EL. = 591.72

NOTE:
1. FOR CROSS SECTIONS SEE SHEET NO. 24 & 25.
2. FOR PLAT OF HIGHWAYS SEE SHEET NO. 18.

FILE NAME = D168---sht-eros.dgn
PLOT DATE = 1/30/2009

CHRISTIAN-ROGE & ASSOCIATES, INC.
ENGINEERS-PLANNERS-SURVEYORS
211 WEST WACKER DRIVE
CHICAGO, ILLINOIS 60606
PHONE: (312)372-2023 FAX: (312)372-5274

DESIGNED - G.F.L.	REVISED -
DRAWN - B.K.	REVISED -
CHECKED - E.J.M.	REVISED -
DATE - JANUARY 2009	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
IL 1 (HALSTED STREET) OVER LITTLE CALUMET RIVER

SCALE: 1" = 20' SHEET NO. 2 OF 2 SHEETS STA. 99+00 TO STA. 103+00

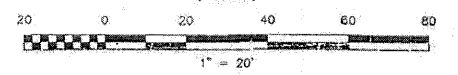
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2006-005 I	COOK	31	14
CONTRACT NO. 60B22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PARCEL No.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREVIOUSLY DED. OR USED ACRES	EASEMENT ACRES	PURPOSE OF EASEMENT	PERMANENT INDEX NUMBER	ACQUIRED BY
1F00006PE	NEW FOREST HOME CEMETERY, LLC AN ILLINOIS LIMITED LIABILITY COMPANY	210.464	N/A	210.464	N/A	0.081 (3,520.48 sq. ft.)	Construction	15-14-400-010	

LEGEND

- SECTION LINE
- QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- API
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING
- IRON PIPE OR ROD FOUND
- PK NAIL SET
- OUT CROSS FOUND OR SET
- REPLACEMENT AFTER CONSTRUCTION
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT3 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION, IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PMSM PERMANENT SURVEY MARKER, 1" O.D. STD. 2135. (TO BE SET BY OTHERS)
- RWS RIGHT OF WAY STAKING PROPOSED TO BE SET.

GRAPHIC SCALE
(IN FEET)



- NOTES:**
- COORDINATES SHOWN ON THIS PLAT ARE GROUND VALUES IN FEET.
 - ALL BEARINGS SHOWN ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE GRID SYSTEM, TAKEN FROM NGS MONUMENT SHEETS.
 - SURVEYED IN ENGLISH. ALL STATIONING IS SHOWN IN FEET.

STATE OF ILLINOIS } SS
 COUNTY OF COOK } SS

THIS IS TO DECLARE THAT WE, W-T LAND SURVEYING, INC., HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN THE SOUTHEAST QUARTER OF SECTION 14, TOWNSHIP 39 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RE-TRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

GIVEN UNDER OUR HAND AND SEAL THIS _____ DAY OF _____ A.D. 2008.
 AT HOFFMAN ESTATES, ILLINOIS.
 W-T LAND SURVEYING, INC.

FRANK J. MATCO - PLS #035-003555 EXPIRES 11/30/2008

W-T LAND SURVEYING, INC.
 LAND AND CONSTRUCTION SURVEYORS

2870 Prichard Avenue
 Hoffman Estates, Illinois 60132
 PH: (847) 388-6333 FAX: (847) 388-6444
 www.wtlandsurveying.com

IL License No.: 154-004387 Exp: 04/30/08

COPYRIGHT © 2008 W-T LAND SURVEYING, INC.

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 Eisenhower Expressway (Over Des Plaines River)

SECTION 2003-067 I COOK COUNTY
 PROJECT JOB NO. R-91-007-05
 STATION 19+96.38 TO STATION 21+61.46
 SCALE: 1"=20' SHEET 3 OF 9

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHMIDT, ILLINOIS 60196-1096

FOR INFORMATION ONLY

RECEIVED PK
 MAR 0 6 2008
 PLATS & LEGALS

Station/Offset & Coordinate Table

Point	Station	Offset	Northing	Easting
125	24+78.29	52.85 R	1,896,336.8940	1,122,979.0523
126	21+28.46	52.01 R	1,895,328.4793	1,122,828.4074
127	20+51.38	85.90 R	1,895,230.0284	1,122,583.4737
128	19+96.38	88.70 R	1,895,097.5649	1,122,498.5003
129	18+78.29	52.85 R	1,895,333.0205	1,122,513.2889
130	24+78.41	0.00	1,895,389.7204	1,122,977.5089
131	20+35.83	0.00	1,895,375.4843	1,122,535.1587

DATE	DESCRIPTION	BY
2/27/08	Revised Station 19+96.38	WJO
3/19/08	Revised generally for Parcel 1F00006	WJO
12/23/05	Revised per comments and Re-issued	WJO
12/16/05	Added revised easements and changed from Temporary Easement to Permanent Easement & Re-issued	WJO
6/29/05	Issued Signed & Sealed copy	WJO

PARCEL No.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREVIOUSLY DED. OR USED ACRES	EASEMENT ACRES	PURPOSE OF EASEMENT	PERMANENT INDEX NUMBER	ACQUIRED BY
1FQ0001TE	Solid Waste Agency of Northern Cook County, a Municipal Corporation	8.190	N/A	8.190	N/A	0.049 (2,155.59 sq. ft.)	Construction	04-31-300-00E	
1FQ0002TE	Catholic Bishop of Chicago	151.731	N/A	151.731	N/A	0.061 (2,662.43 sq. ft.)	Construction	04-31-300-003	
1FQ0003TE	Board of Trustees of Community College District No. 535, Cook County, Illinois	145.980	N/A	145.980	N/A	0.063 (2,724.86 sq. ft.)	Construction	08-08-200-00E	
1FQ0004TE	Catholic Bishop of Chicago	100.280	N/A	100.280	N/A	0.064 (3,678.66 sq. ft.)	Construction	08-08-200-007	



- IRON PIPE OR ROD FOUND PK WALL SET
 CUT CROSS FOUND OR SET REPLACED AFTER CONSTRUCTION
 T1 THESE STAKES WERE FOUND OR SET WITHIN 1/4 SECTION SET 5/8 INCH IRON ROD PLUMBED WITH GROUND TO THE CENTER. STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 BT1 THESE STAKES IN CULMINATED AREAS, BEARING FOUND OR SET WITHIN 1/4 SECTION SET 5/8 INCH IRON ROD PLUMBED WITH GROUND TO THE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKERS TO INDICATE THE PROPOSED SECTION IDENTIFIED BY DESCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 STAKING OF PROPOSED RIGHT OF WAY IN CULMINATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK SURVEY MARKER POSITION, IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 PERMANENT SURVEY MARKER, 1 D O T STD. 2135 (TO BE SET BY OTHERS)
 RIGHT OF WAY STAKING PROPOSED TO BE SET.



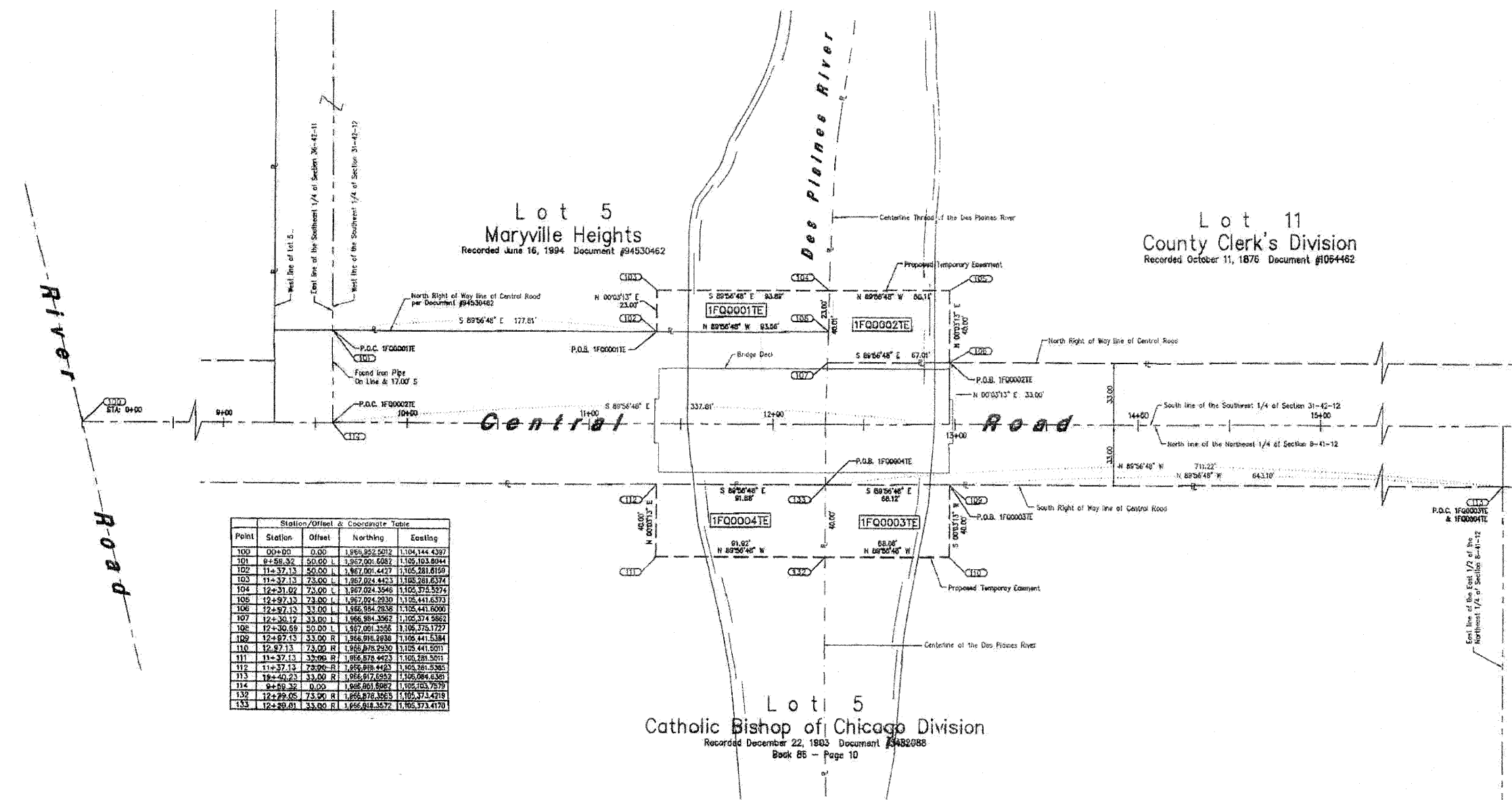
- NOTES:
 1. COORDINATES SHOWN ON THIS PLAT ARE GROUND VALUES IN FEET.
 2. ALL BEARINGS SHOWN ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE GRID SYSTEM, TAKEN FROM NOS MONUMENT SHEETS.
 3. SURVEYED IN ENGLISH. ALL STATIONING IS SHOWN IN FEET.

STATE OF ILLINOIS } SS
 COUNTY OF COOK }
 THIS IS TO DECLARE THAT WE, W-T LAND SURVEYING, INC., HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN THAT PART OF THE SOUTHWEST QUARTER OF SECTION 31, TOWNSHIP 42 NORTH, RANGE 12 EAST OF THE 119TH PRINCIPAL MERIDIAN AND PART OF THE NORTHEAST QUARTER OF SECTION 8, TOWNSHIP 41 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE REPRODUCED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

GIVEN UNDER OUR HAND AND SEAL THIS 11th DAY of January, A.D. 2005.
 AT SCHLAUBURG, ILLINOIS.
 W-T LAND SURVEYING, INC.
 [Signature]
 ILLINOIS PROFESSIONAL LAND SURVEY CORPORATION
 LICENSE NO. 184-001010

W-T LAND SURVEYING, INC.
 LAND AND CONSTRUCTION SURVEYORS
 39 EAST EDGEMOOR DRIVE
 SCHLAUBURG, ILLINOIS 60195
 PH. (847) 835-8900
 FAX. (847) 835-6888

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 Central Road (Over Des Plaines River)
 SECTION 2005-067 I BOOK COUNTY
 PROJECT JEB NO. 8-SS-009-05
 STATION 11+37.13 TO STATION 12+97.13
 SCALE: 1"=30' SHEET 1 OF 9
 BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT



Point	Station	Offset	Northing	Easting
100	00+00	0.00	1,896,352.5012	1,104,144.4397
101	0+58.32	30.00	1,897,201.6982	1,105,103.8044
102	1+37.13	50.00	1,897,991.4477	1,105,281.6150
103	1+37.13	75.00	1,897,024.4423	1,105,281.6374
104	12+31.02	75.00	1,897,024.3546	1,105,372.5274
105	12+97.13	75.00	1,897,024.2930	1,105,441.6373
106	12+97.13	33.00	1,896,954.2836	1,105,441.6000
107	12+30.12	33.00	1,896,984.3562	1,105,374.5862
108	12+30.69	30.00	1,897,091.3564	1,105,374.7277
109	12+97.13	33.00	1,896,918.2836	1,105,441.6384
110	12+97.13	75.00	1,896,878.2930	1,105,441.6001
111	11+37.13	30.00	1,896,878.4423	1,105,281.5011
112	11+37.13	75.00	1,896,818.4423	1,105,281.5385
113	16+40.23	33.00	1,896,917.6952	1,105,084.6361
114	9+59.32	0.00	1,896,801.8062	1,105,053.7579
130	12+29.05	75.00	1,896,878.3565	1,105,374.7181
133	12+99.01	55.00	1,896,818.3572	1,105,374.4783

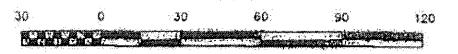
FOR INFORMATION ONLY

PARCEL No.	OWNER	TOTAL HOLDING	PART TAKEN	REMAINDER	PREVIOUSLY DED. OR USED	EASEMENT	PURPOSE OF EASEMENT	PERMANENT INDEX NUMBER	ACQUIRED BY
		ACRES	ACRES	ACRES	ACRES	ACRES			
1F000096	Forest Preserve District of Cook County	135.780	N/A	135.76	N/A	0.018 (782.88 sq. ft.)	Construction	15-02-401-001	
1F00007E	Forest Preserve District of Cook County	33.330	N/A	33.330	N/A	0.030 (1,299.70 sq. ft.)	Construction	15-11-200-003	

LEGEND

- SECTION LINE
- QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (EASEM) LINE
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- FK NAIL SET
- REPLACED AFTER CONSTRUCTION
- THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8" HIGH IRON ROD BURIED 20" BELOW TO BE FOUND FROM STAKE IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- THESE STAKES IN UNPLATTED AREAS, IDENTIFIED BY SET MONUMENTATION, EITHER 5/8" IRON ROD AND 20" BELOW GROUND TO BE FOUND FROM STAKE IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OR PROPOSED RIGHT OF WAY IN UNPLATTED AREAS, BURIED 5/8" HIGH IRON ROD 20" BELOW GROUND TO MARK THE SURVEY MARKER POSITION, IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

GRAPHIC SCALE
(IN FEET)



- NOTES:
- COORDINATES SHOWN ON THIS PLAN ARE GROUND VALUES IN FEET.
 - ALL BEARINGS SHOWN ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE GRID SYSTEM, TAKEN FROM NGS MONUMENT SHEETS.
 - SURVEYED IN ENGLISH. ALL STATIONING IS SHOWN IN FEET.

STATE OF ILLINOIS } SS
COUNTY OF COOK } SS

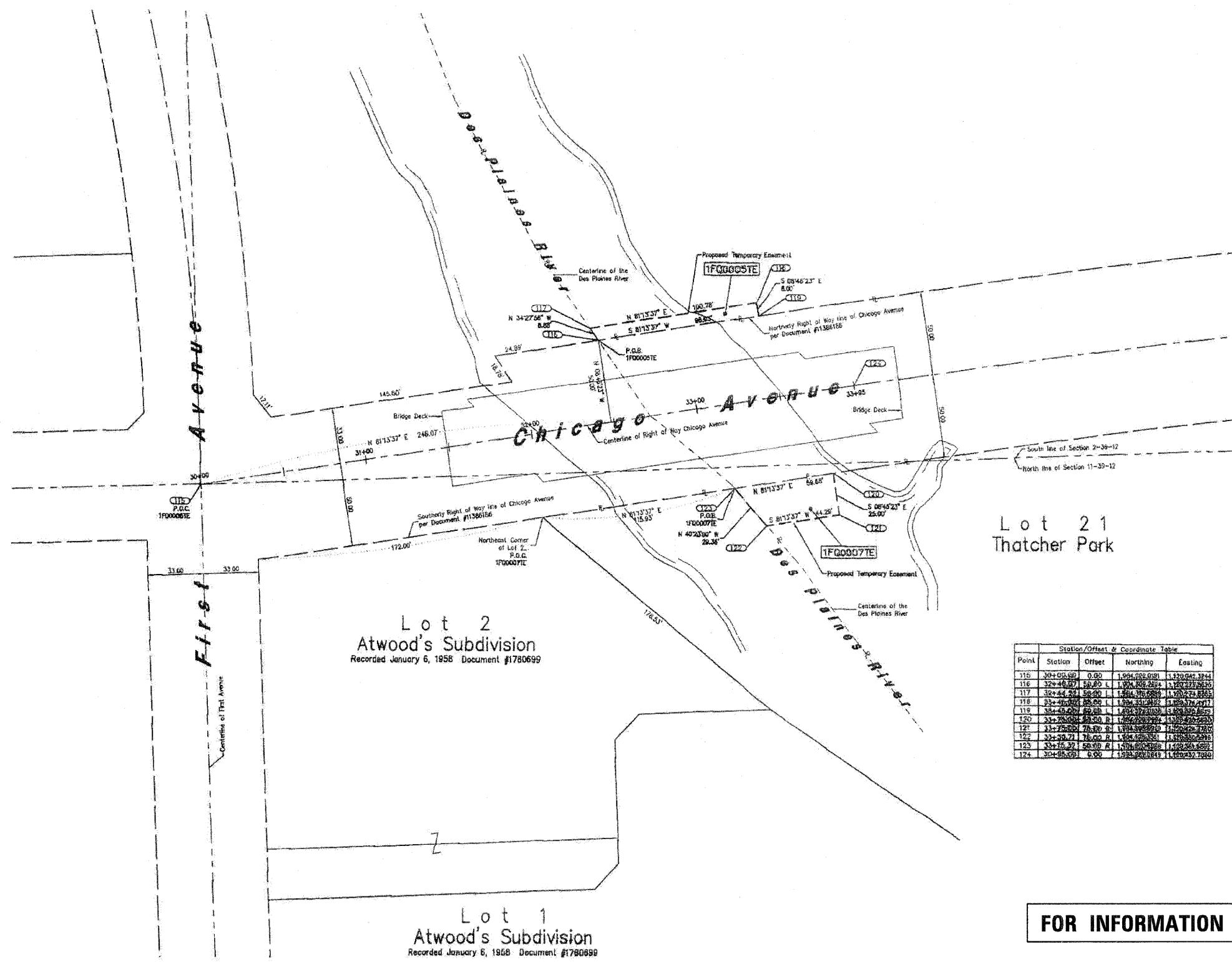
THIS IS TO DECLARE THAT WE, THE UNDERSIGNED, HAVE SUBSCRIBED AND THAT BY HIGHWAYS SHOWN HEREIN IN THAT PART OF THE SOUTHWEST QUARTER OF SECTION 11, TOWNSHIP 35 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN AND THAT PART OF THE SOUTHWEST QUARTER OF SECTION 11, TOWNSHIP 35 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, BUT THE PLAN CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE REPRODUCED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

GIVEN UNDER OUR HAND AND SEAL THIS 15th DAY OF JANUARY, A.D. 2009, AT SCHAMBERG, ILLINOIS.

W-T LAND SURVEYING, INC.
JAMES W. TAYLOR
ILLINOIS PROFESSIONAL LAND SURVEYOR REGISTRATION NO. 111000000
I.L. LICENSE NO. 184-00108

Station/Offset & Coordinate Table

Point	Station	Offset	Northing	Eastng
115	324+05.68	0.00	1,894,828.038	11,220,941.324
116	324+48.27	58.20 L	1,904,828.824	11,220,217.820
117	324+44.29	58.20 L	1,904,782.828	11,220,222.828
118	324+49.27	58.20 L	1,904,737.832	11,220,227.832
119	324+49.27	58.20 L	1,904,692.836	11,220,232.836
120	324+28.04	58.20 R	1,904,647.840	11,220,237.840
121	324+28.04	78.20 R	1,904,602.844	11,220,242.844
122	324+28.04	78.20 R	1,904,557.848	11,220,247.848
123	324+28.04	58.20 R	1,904,512.852	11,220,252.852
124	324+28.04	0.00	1,904,467.856	11,220,257.856



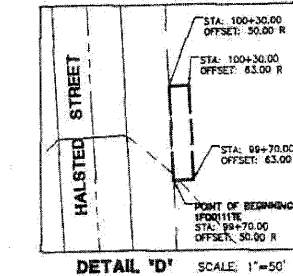
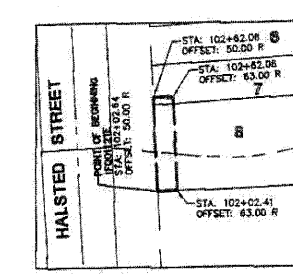
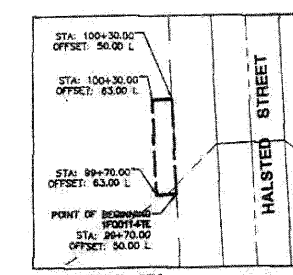
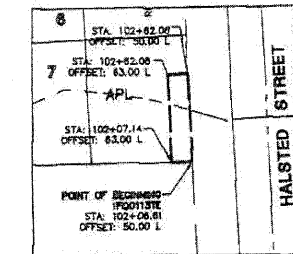
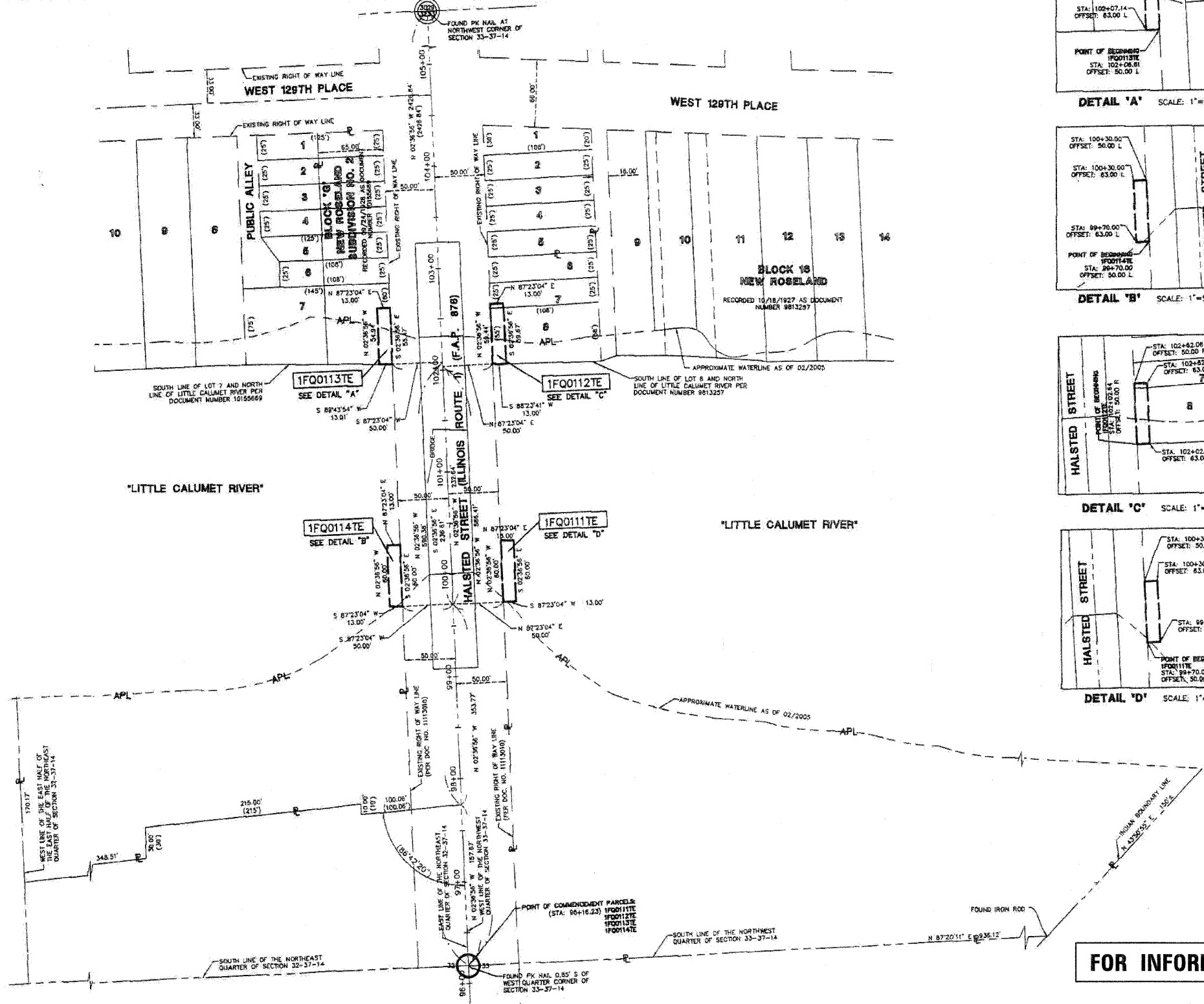
Lot 21
Thatcher Park

Lot 2
Atwood's Subdivision
Recorded January 6, 1956 Document #1780699

Lot 1
Atwood's Subdivision
Recorded January 6, 1956 Document #1780699

FOR INFORMATION ONLY

PARCEL No.	OWNER	TOTAL HOLDINGS (ACRES)	PART TAKEN (ACRES)	PREVIOUSLY DEDICATED (ACRES)	REMAINDER	EASEMENT AREA (ACRES)	PERMANENT INDEX NUMBER	PURPOSE OF EASEMENT	ACQUIRED BY
1FQ0111TE	FOREST PRESERVE DIST. OF COOK COUNTY	4.563	0.000	0.425	4.138	0.018	25-33-118-001	CONST.	
1FQ0112TE	CITY OF HARVEY	0.264	0.000	0.000	0.264	0.018	25-33-117-006, 007, 008	CONST.	
1FQ0113TE	FIRST BAPTIST CHURCH OF APOSTOLIC FAITH	0.281	0.000	0.000	0.281	0.018	25-32-214-049	CONST.	
1FQ0114TE	RIVERDALE MARINA	2.487	0.000	0.241	2.246	0.018	25-32-215-005	CONST.	



LEGEND

SECTION CORNER (Symbol)

QUARTER CORNER (Symbol)

SECTION LINE (Symbol)

QUARTER SECTION LINE (Symbol)

PLATTED LOT LINE (Symbol)

PROPERTY (DEED) LINE (Symbol)

APL (Symbol)

APPARENT PROPERTY LINE (Symbol)

CENTERLINE (Symbol)

EXISTING RIGHT OF WAY LINE (Symbol)

PROPOSED RIGHT OF WAY LINE (Symbol)

PROPOSED EASEMENT (Symbol)

MEASURED DIMENSION (Symbol)

COMPUTED DIMENSION (Symbol)

RECORD DATA (Symbol)

EXISTING BUILDING (Symbol)

IRON ROD SET (Symbol)

IRON PIPE OR ROD FOUND (Symbol)

CUT CROSS FOUND OR SET (Symbol)

T1 (Symbol)

T2 (Symbol)

T3 (Symbol)

BT1 (Symbol)

BT2 (Symbol)

BT3 (Symbol)

STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER (Symbol)

STAKING OR PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION, IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER (Symbol)

PERMANENT SURVEY MARKER, 1 D O T STD. 2135 (TO BE SET BY OTHERS) (Symbol)

RIGHT OF WAY STAKING PROPOSED TO BE SET (Symbol)

LIGHT STANDARD (Symbol)

STATE OF ILLINOIS)
COUNTY OF LAKE)

I, TIMOTHY J. MURPHY, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 32 AND 33, TOWNSHIP 37 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, ILLINOIS; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON; AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT VERNON HILLS, ILLINOIS THIS 19TH DAY OF July, A.D., 2005.

Timothy J. Murphy
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2870. EXPIRES NOVEMBER 30, 2006.

TIMOTHY J. MURPHY
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2870
VERNON HILLS, ILLINOIS

FOR INFORMATION ONLY

05/24/05	REVISED PER IDOT REVIEW	RYP
REVISION DATE	DESCRIPTION	BY

1D07 SB17 - 3424

MANHARD CONSULTING
ENGINEERS - SURVEYORS - PLANNERS
300 WOODLAND PARKWAY VERNON HILLS, IL 60061
PH: 847/234-8880 FAX: 847/234-0085

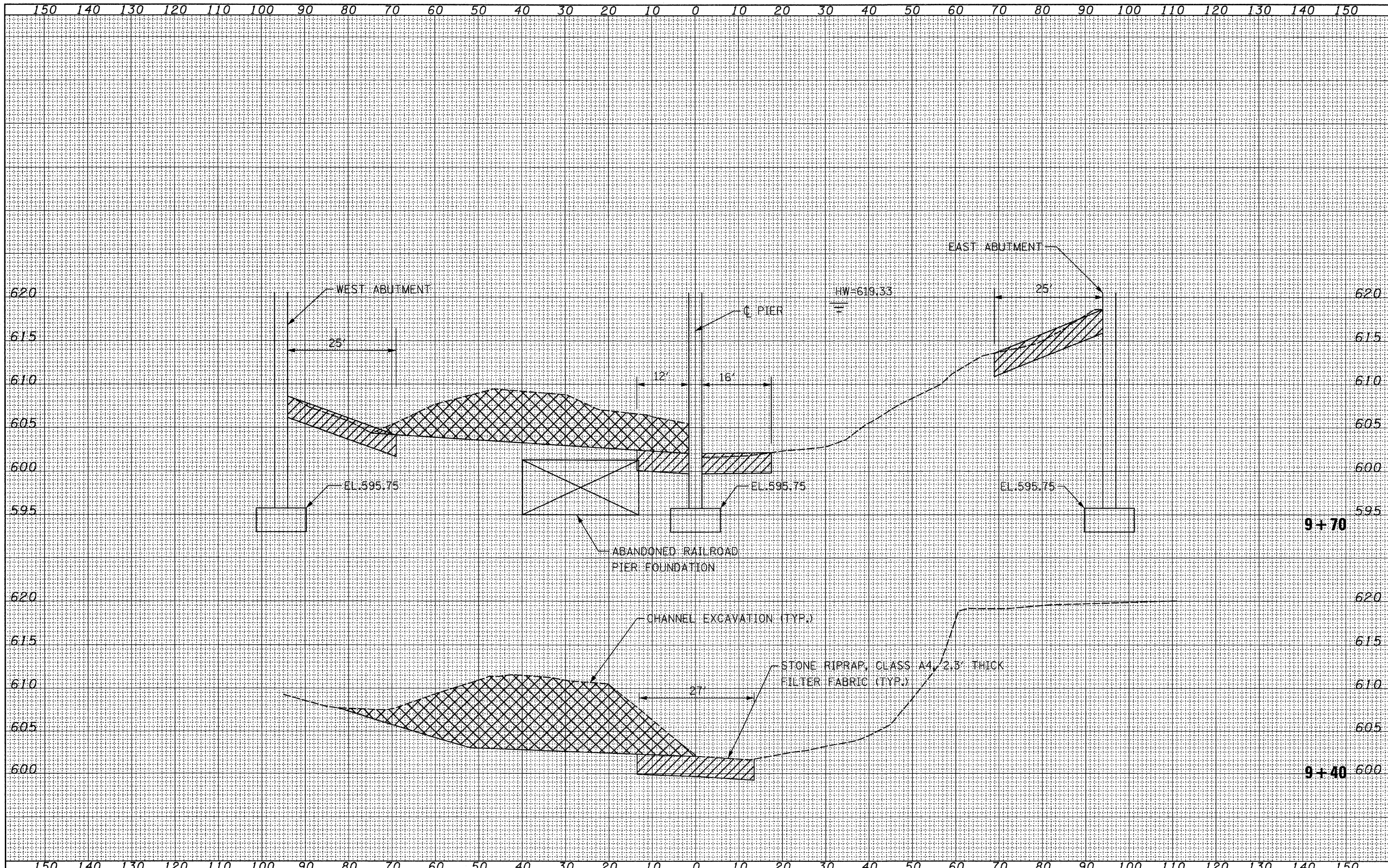
PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 876 (IL ROUTE 1)

SECTION: OVER BRIDGE COOK COUNTY
PROJECT: JOB NO. R-91-007-05
STATION: 99+70.00 TO STATION 102+62.08
SCALE: 1" = 50' SHEET 8 OF 9

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196
AS DOCUMENT NO.

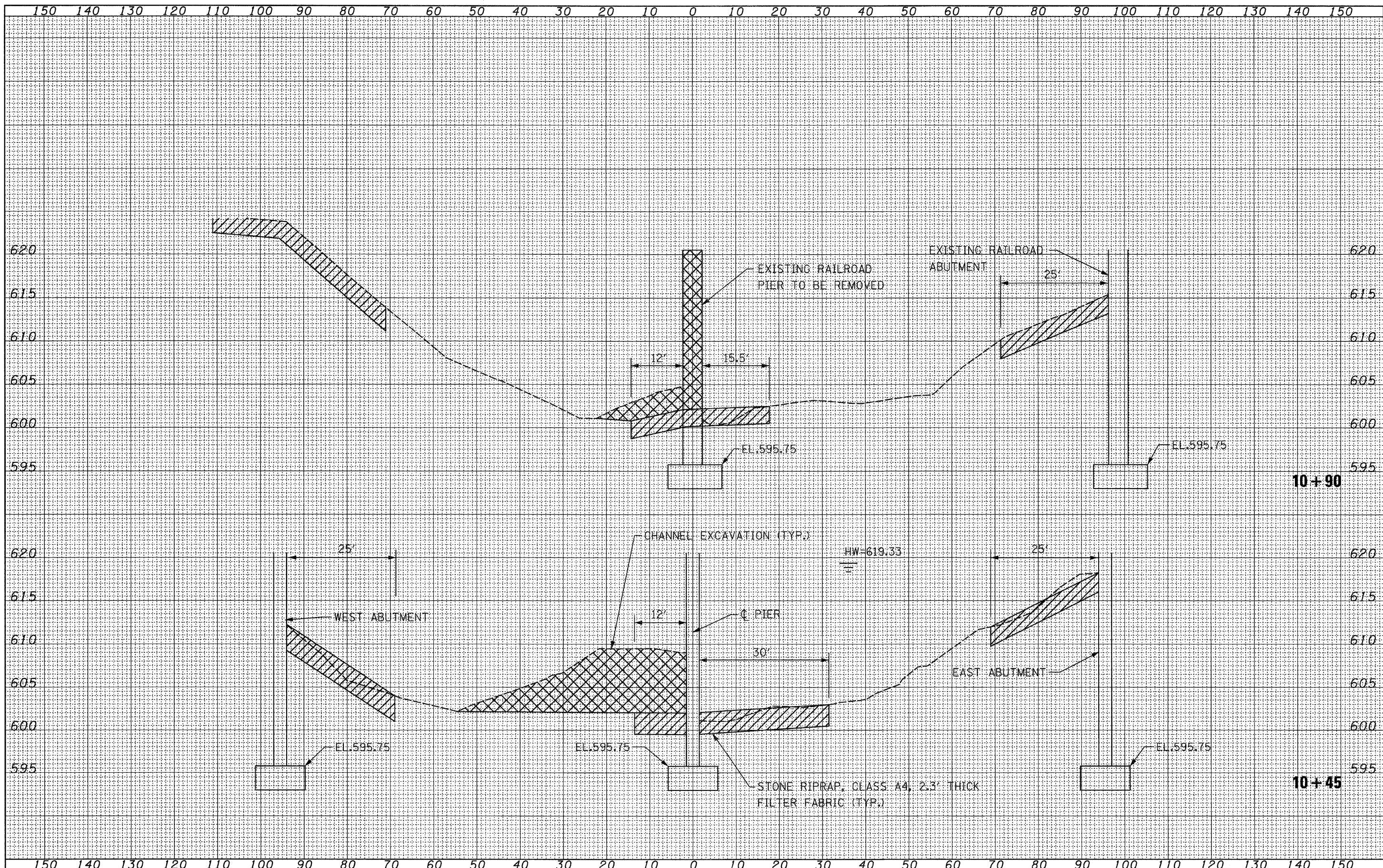
DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
REVISIONS	
NO.	
AREAS CHECKED	
NOTE BOOK	
NO.	
TEMPLATE	
PLOTTED	
FINISHED	
FINAL SURVEY	

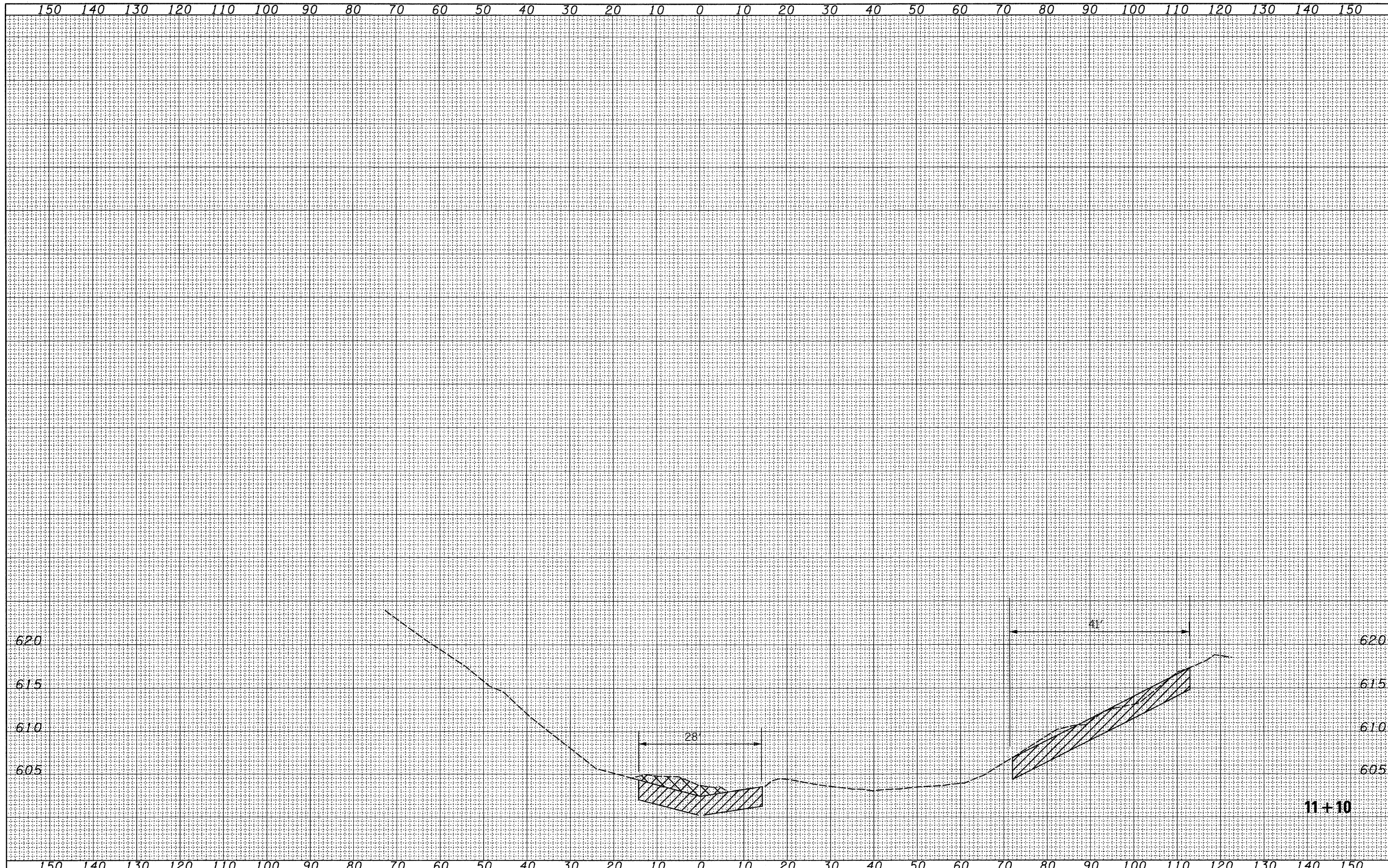
DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
REVISIONS	
NO.	
AREAS CHECKED	
NOTE BOOK	
NO.	
TEMPLATE	
PLOTTED	
FINISHED	
ORIGINAL SURVEY	



DATE	
BY	
REVISIONS	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
REVISIONS	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	





DATE	
BY	
FINAL SURVEY NO.	
SURVEYED	
PLOTTED	
NOTE BOOK	
TEMPLATE	
AREAS CHECKED	

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

FILE NAME = I:\10240\CADD Sheets\0162---sht---sht.dgn

USER NAME = IDDT
 PLOT SCALE = 10.0000' / IN.
 PLOT DATE = 1/30/2009

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

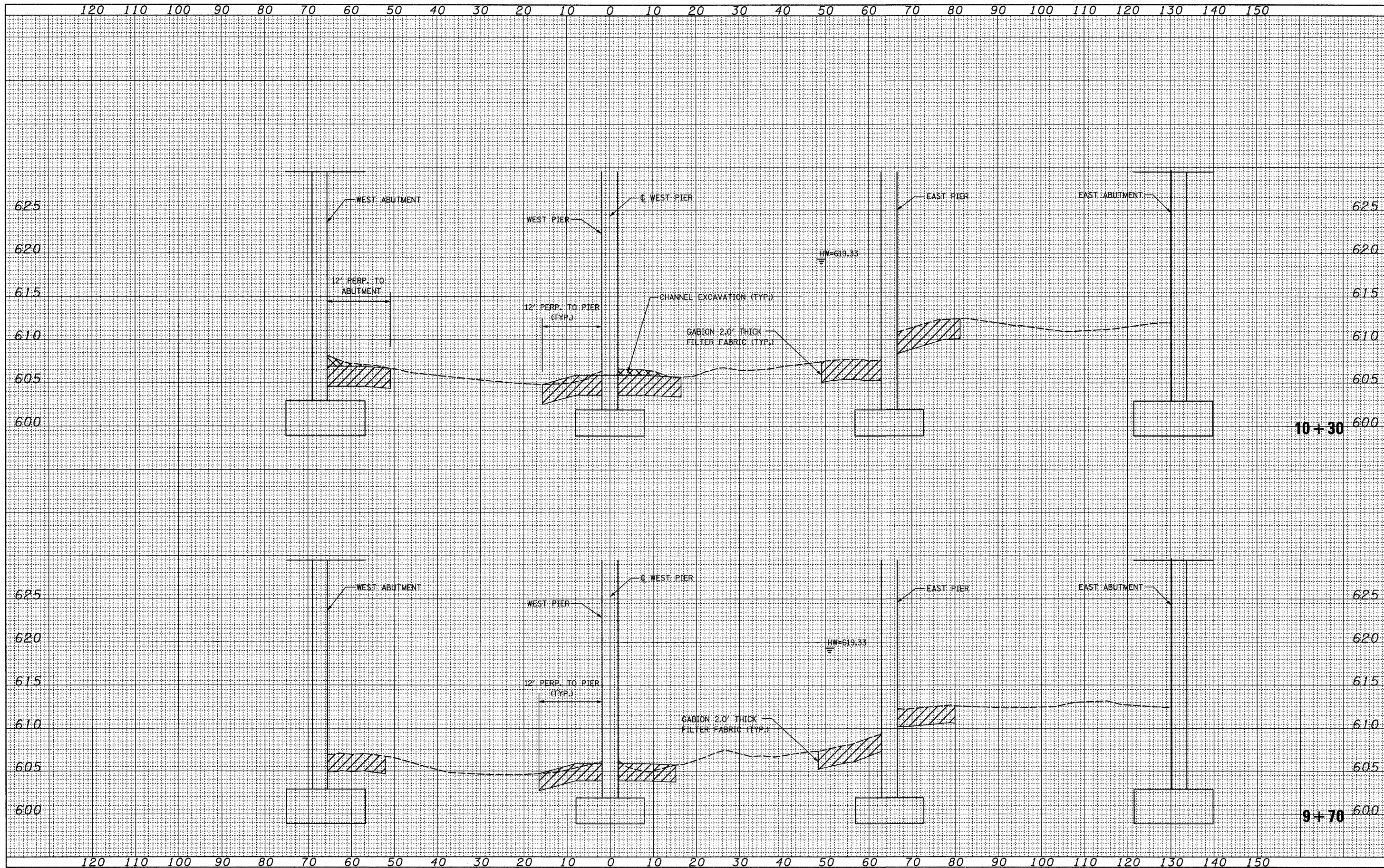
**CROSS SECTIONS
 I-290 OVER DES PLAINES RIVER**

SCALE: SHEET NO. 3 OF 3 SHEETS STA. 11+10 TO STA. 11+10

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2006-005 I	COOK	30	21
CONTRACT NO. 60B22				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FINAL SURVEY	DATE
SAVED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
NO.	
AREAS CHECKED	

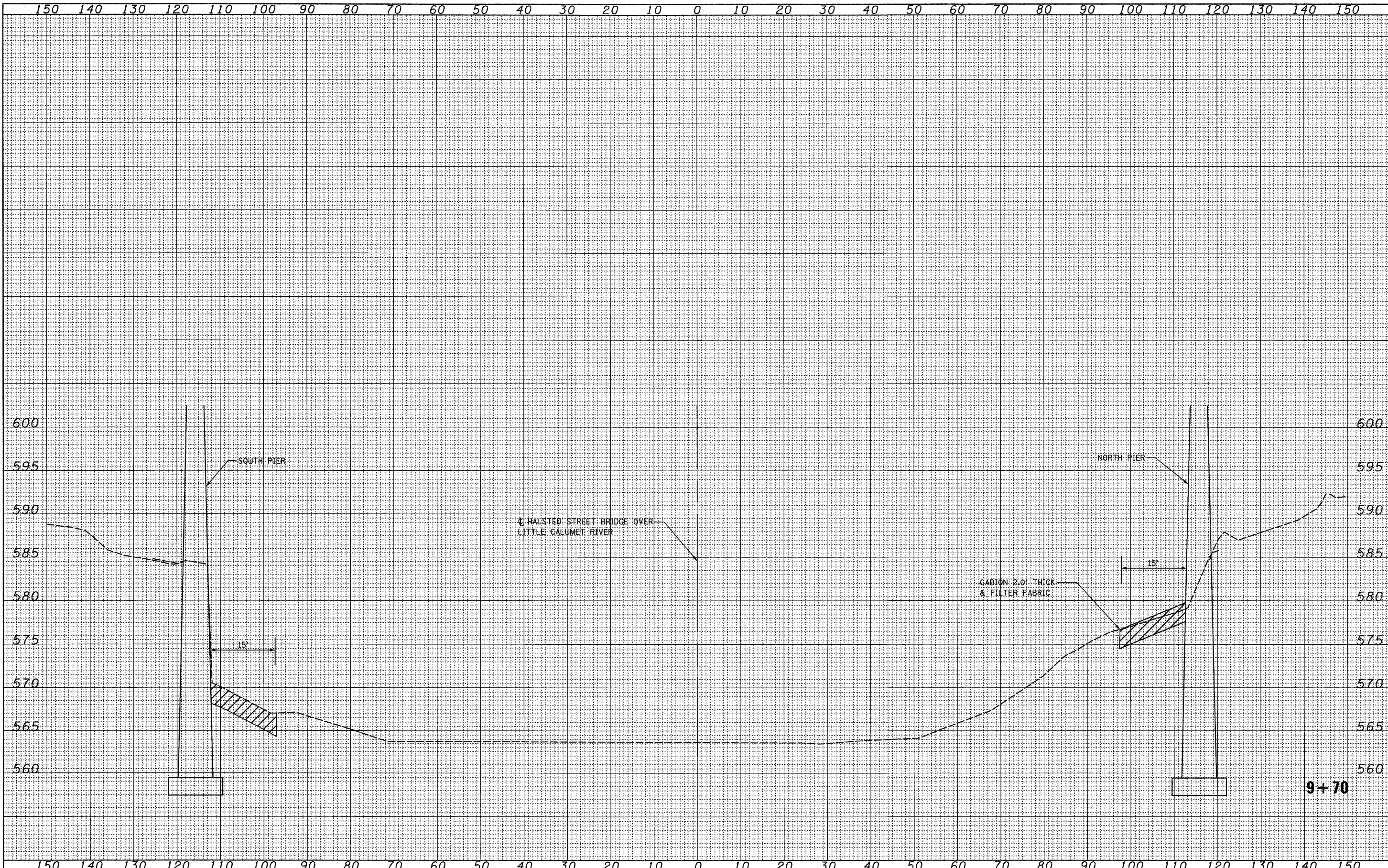
ORIGINAL SURVEY	DATE
SAVED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
NO.	
AREAS CHECKED	



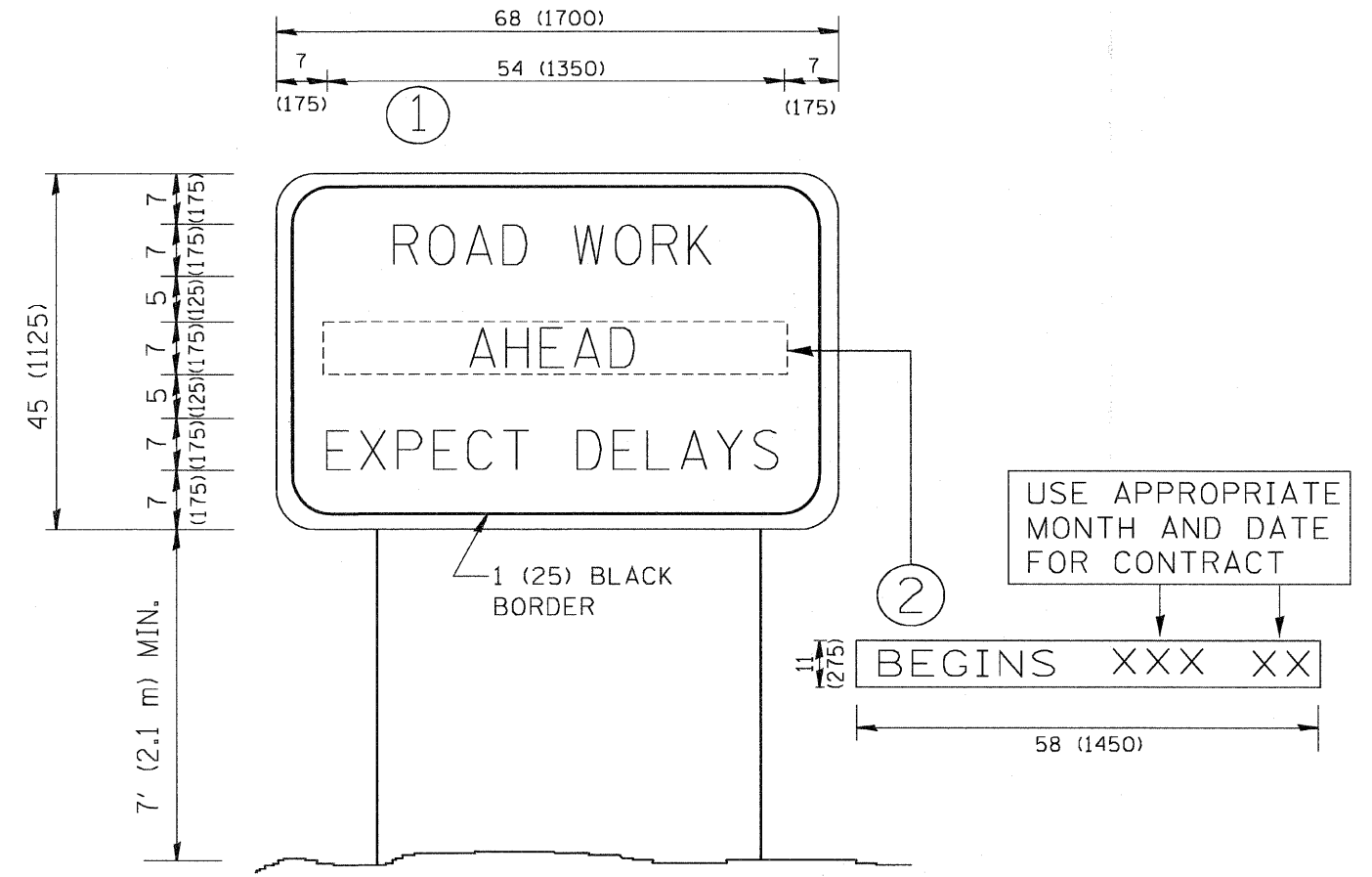
FILE NAME = I:\1024\cadd Drawings\sectionsht.dgn	USER NAME = IDOT	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS CHICAGO AVENUE OVER DES PLAINES RIVER			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 10.0000' / IN.	DRAWN -	REVISED -		SCALE:	SHEET NO. 1 OF 1 SHEETS	STA. 9+00	TO STA. 9+70	VAR.	2006-005 I	COOK	31	23
	PLOT DATE = 1/30/2009	CHECKED -	REVISED -										
		DATE -	REVISED -						FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
											CONTRACT NO. 60B22		

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	

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



FILE NAME = I:\1024\CADD Sheets\0168---aht-xshd.dgn	USER NAME = IDOT	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS HALSTED STREET OVER LITTLE CALUMET RIVER			F.A. RTE. VAR.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10.0000' / IN.	DRAWN -	REVISIED -		SCALE:	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	2006-005 I	COOK	30	24
	PLOT DATE = 1/30/2009	CHECKED -	REVISIED -					FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 60B22	
		DATE -	REVISIED -									

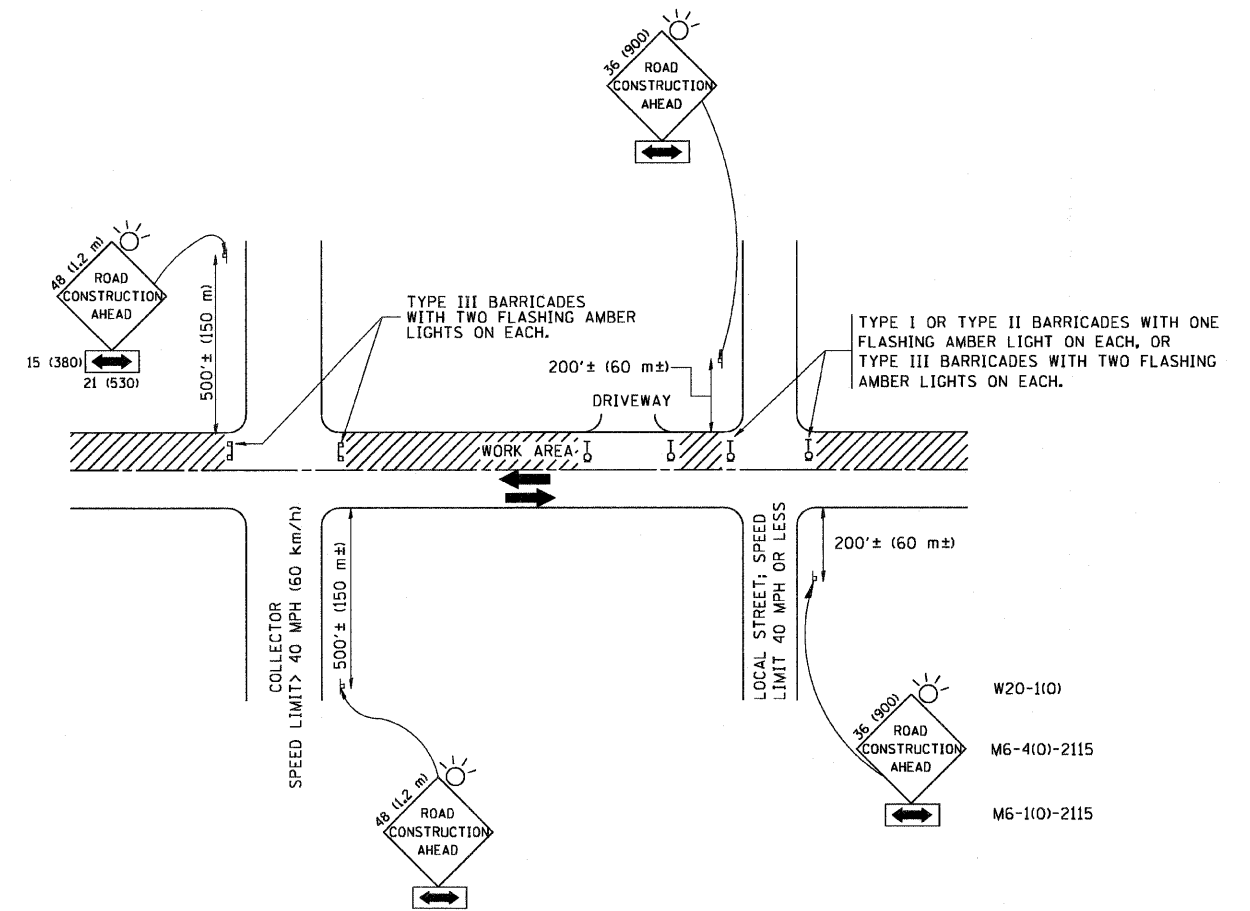


NOTES:

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 = W:\diststd\22x34\to22.dgn	USER NAME = geglianobt	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.000' / IN.	DRAWN -	REVISED - R. MIRS 12-11-97		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	VAR.	2008-0051	COOK	31	28
	PLOT DATE = 1/4/2008	CHECKED -	REVISED - T. RAMMACHER 02-02-99					TC-22		CONTRACT NO. 60B22		
		DATE -	REVISED - C. JUCIUS 01-31-07					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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

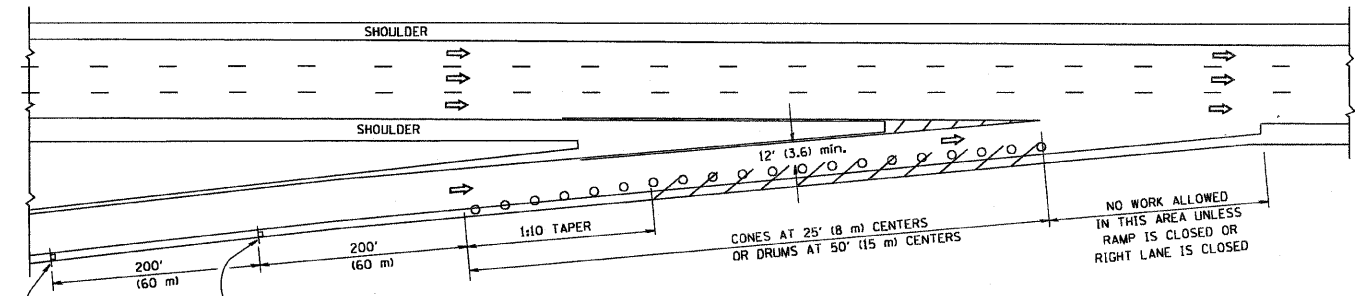
NOTES:

- 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.
3. 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.

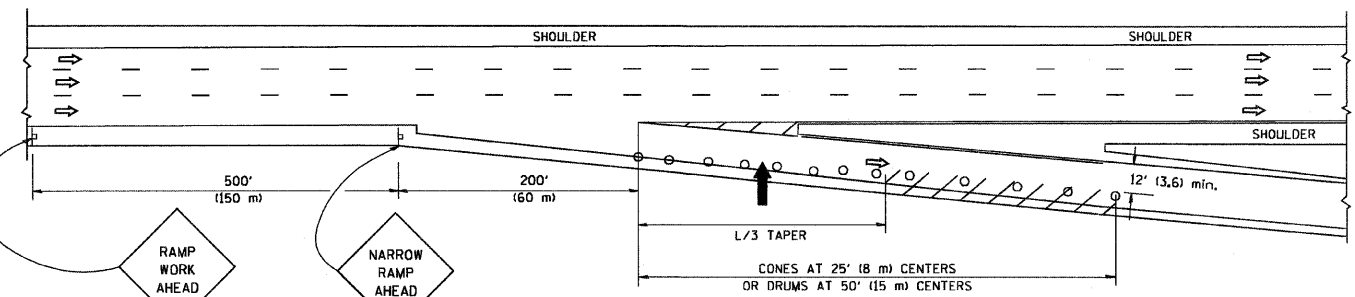
All dimensions are in millimeters (inches) unless otherwise shown.

FILE NAME = W:\dsetsatd\22x34\to10.dgn	USER NAME = geglennobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.000' / IN.	DRAWN -	REVISED - A. HOUSEH 03-06-96		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	VAR.	2006-0051	COOK	31	27
	PLOT DATE = 1/4/2008	CHECKED -	REVISED - A. HOUSEH 10-15-96		TC-10			CONTRACT NO. 60B				
		DATE - 06-89	REVISED - T. RAMMACHER 01-06-00		FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT							

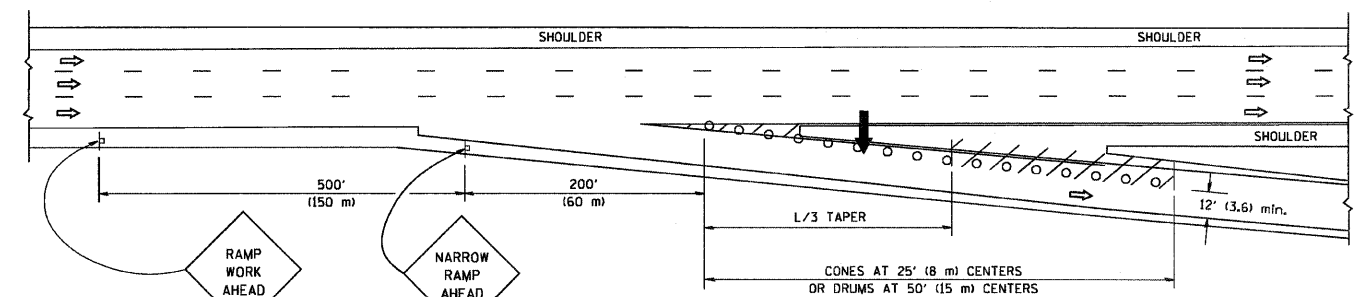
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

SYMBOLS

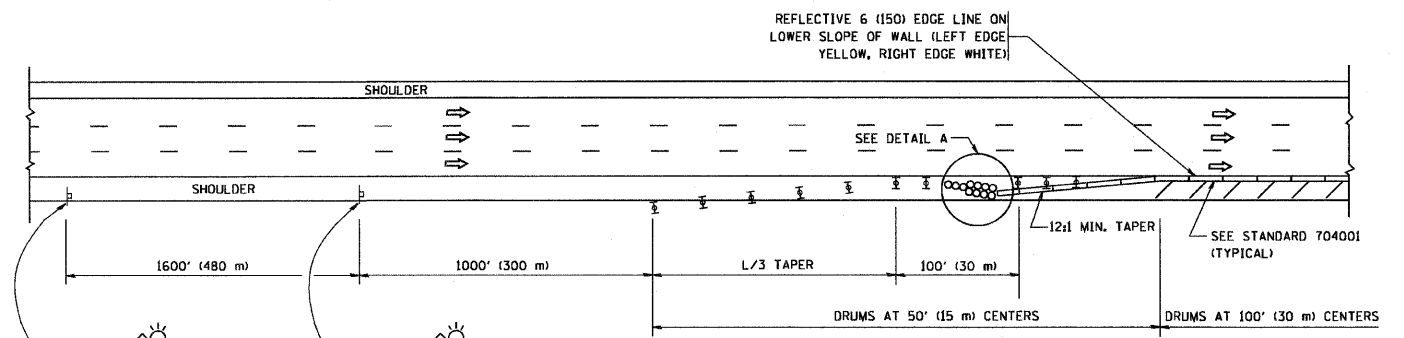
- ➔ ARROWBOARD
- ▨ WORK AREA
- ┆ SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- ⊕ TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE

GENERAL NOTES

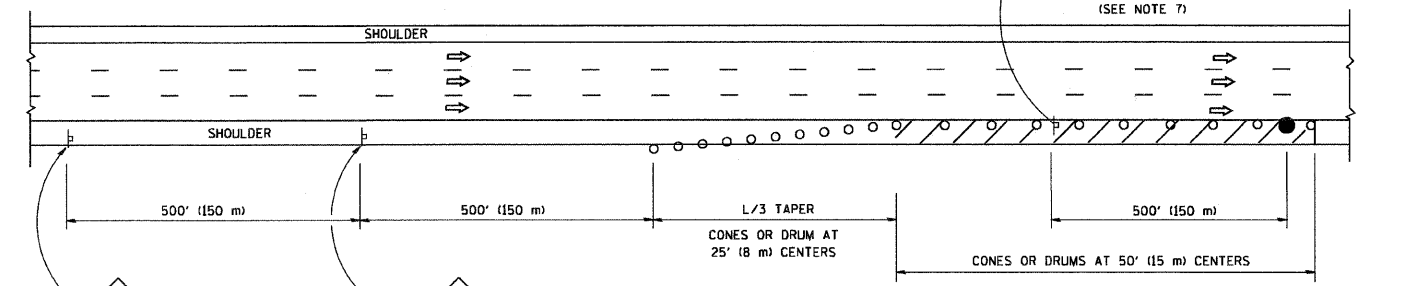
1. THE "L" DISTANCE EQUALS:

SPEED LIMIT	FORMULAS
45 mph (80 km/h) OR GREATER:	METRIC: $L=0.65(W)(S)$ ENGLISH: $L=(W)(S)$
	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



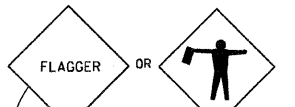
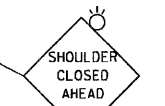
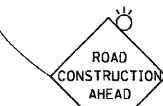
DAYTIME SHOULDER CLOSURE

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

ARRAY DESIGN PER MANUFACTURER TO BE NCHRP 350 COMPLIANT FOR POSTED SPEED.

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

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



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAILS FOR FREEWAY
SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES

FILE NAME = W:\diststd\22x34\to17.dgn	USER NAME = geglianobt	DESIGNED -	REVISED - J.A.F. 12-02
		DRAWN - D.W.S.	REVISED - 04-03
	PLOT SCALE = 5/8" = 1' IN.	CHECKED -	REVISED - J.A.F. 12-06
	PLOT DATE = 1/4/2008	DATE - 11-96	REVISED - S.P.B. 01-07

SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				TC-17		31	28
			FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

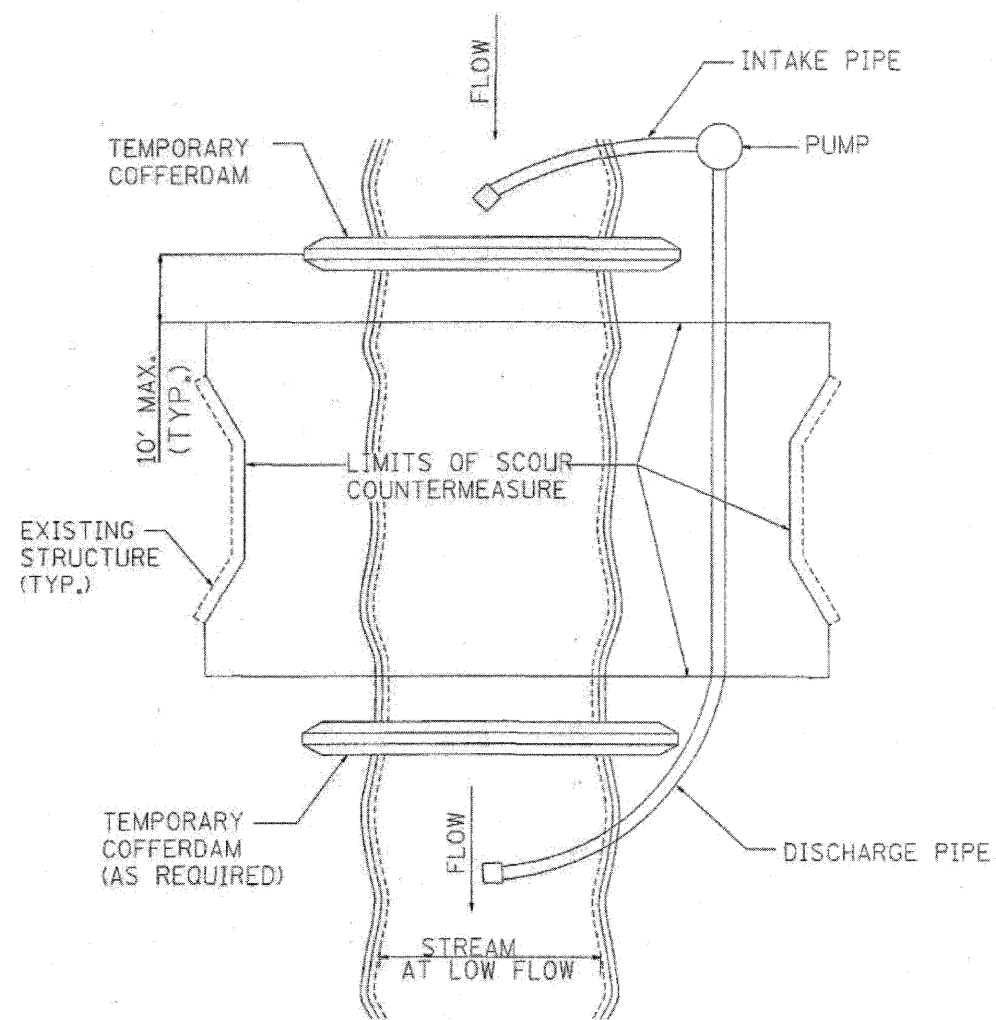


FIGURE D1. TEMPORARY COFFERDAM WITH PUMP BYPASS

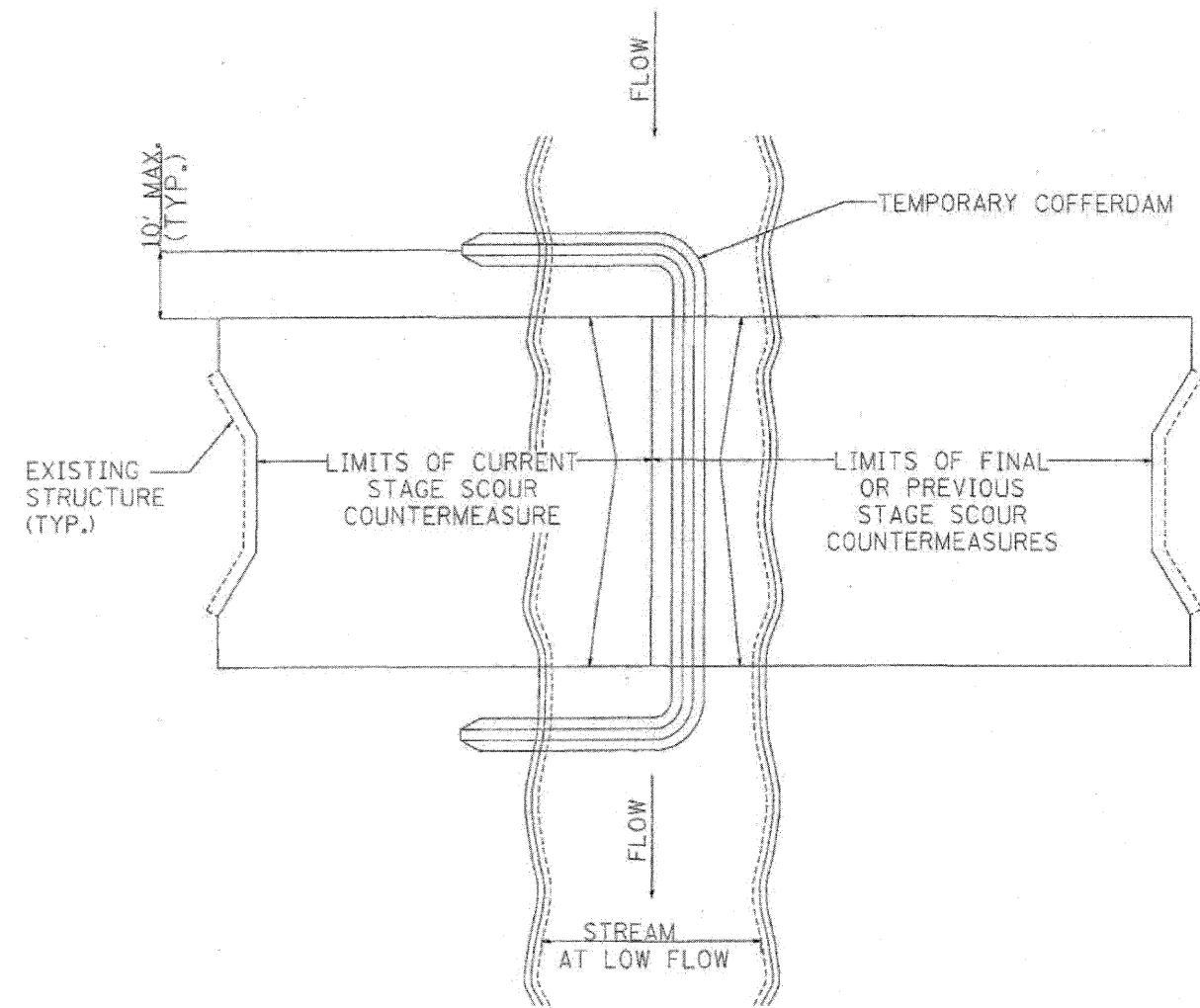


FIGURE D2. STAGED IN-STREAM COFFERDAM DIVISION

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

FILE NAME = D160B22-sht-details.dgn
PLOT DATE = 1/30/2009

CHRISTIAN-ROGE & ASSOCIATES, INC.
ENGINEERS-PLANNERS-SURVEYORS
211 WEST WACKER DRIVE
CHICAGO, ILLINOIS 60606
PHONE: (312)372-2023 FAX: (312)372-5274

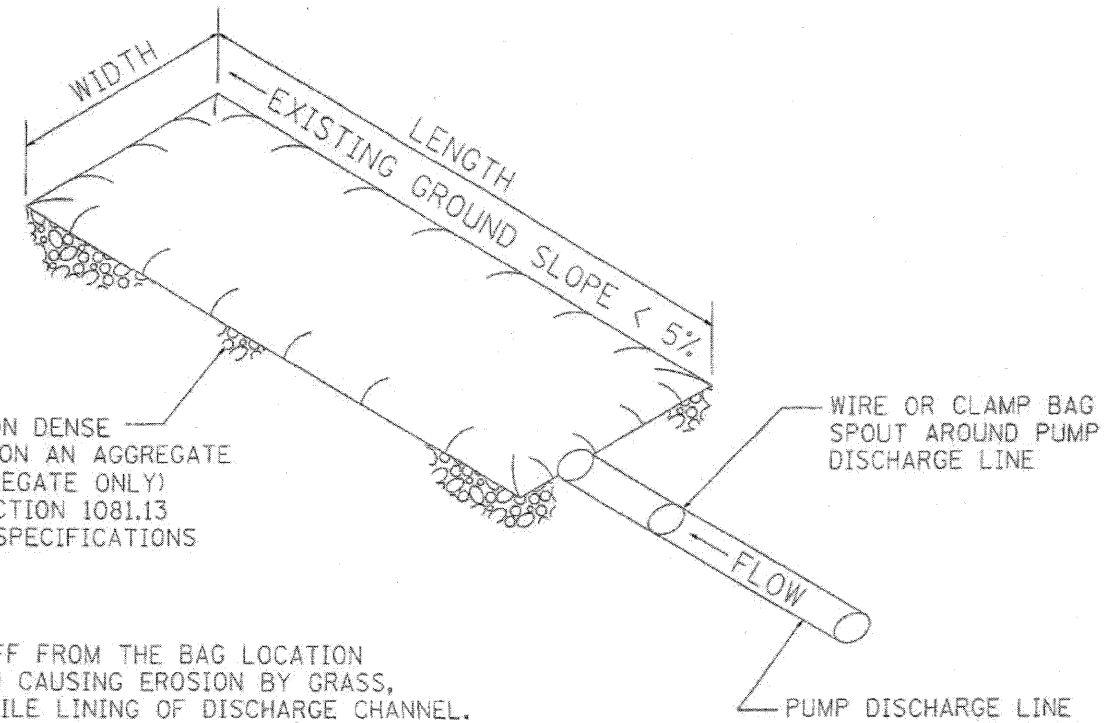
DESIGNED - G.F.L.	REVISED -
DRAWN - A.C.S./K.R.K.	REVISED -
CHECKED - E.J.M.	REVISED -
DATE - JANUARY 2009	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DEWATERING SYSTEM DETAILS
SCOUR COUNTERMEASURES - VARIOUS LOCATIONS

SCALE: NONE SHEET NO. 1 OF 3 SHEETS STA. VARIOUS TO STA. VARIOUS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	2006-005 I	COOK	31	29
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 60B22				



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 MANUFACTURER. 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

FIGURE S1. SEDIMENT FILTER BAG

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

FILE NAME = 0160822-sht-details2.dgn
PLOT DATE = 1/30/2009

CHRISTIAN-ROGE & ASSOCIATES, INC.
ENGINEERS-PLANNERS-SURVEYORS
211 WEST WACKER DRIVE
CHICAGO, ILLINOIS 60606
PHONE: (312)372-2023 FAX: (312)372-5274

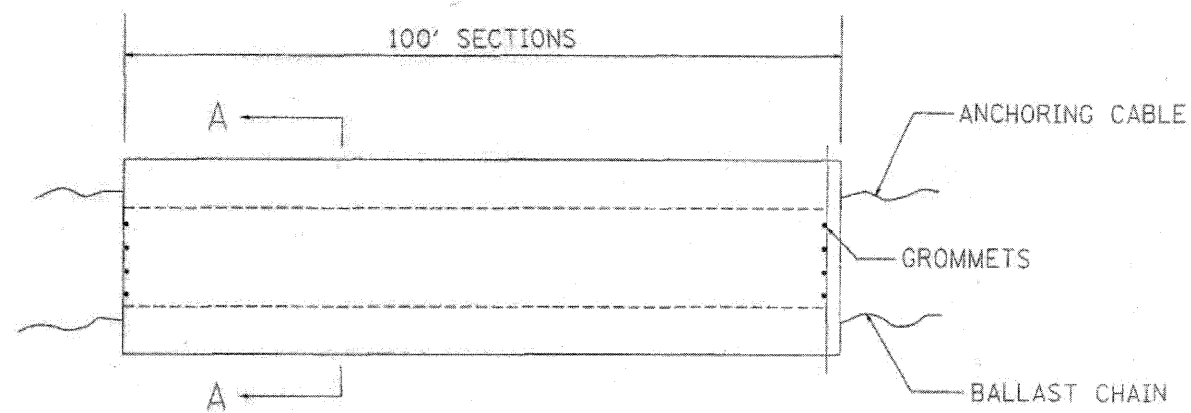
DESIGNED - G.F.L.	REVISED -
DRAWN - A.C.S./K.R.K.	REVISED -
CHECKED - E.J.M.	REVISED -
DATE - JANUARY 2009	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

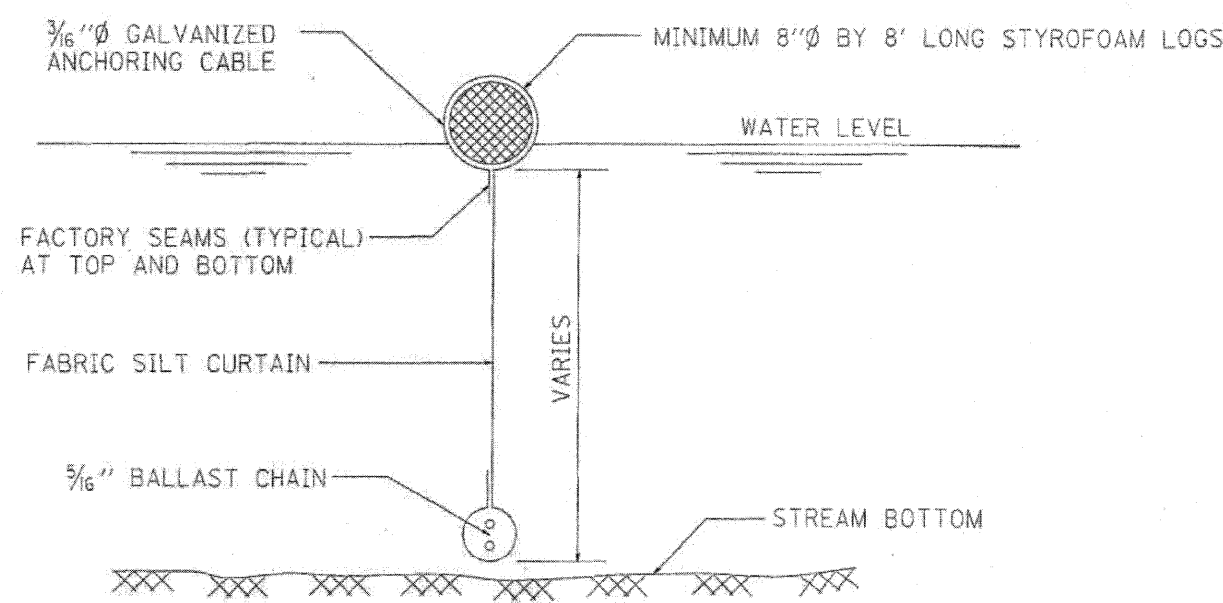
DEWATERING SYSTEM DETAILS
SCOUR COUNTERMEASURES - VARIOUS LOCATIONS

SCALE: NONE SHEET NO. 2 OF 3 SHEETS STA. VARIOUS TO STA. VARIOUS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	2006-005 I	COOK	31	30
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60B22	



ELEVATION



SECTION A-A

FLOTATION BOOM

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 OF 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 RECOMENDATIONS. 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.