

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	2003-0671	COOK & LAKE	27	1

CONTRACT NO. 62635

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

**PROPOSED  
 HIGHWAY PLANS**

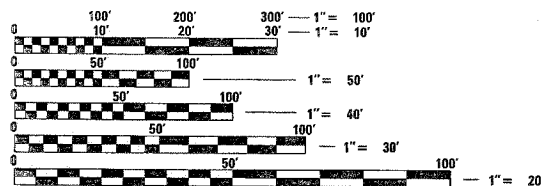
VARIOUS ROUTES  
 SECTION 2003-0671  
 SCOUR COUNTERMEASURES  
**COOK & LAKE COUNTIES**  
 C-91-171-03

FOR INDEX OF SHEETS, SEE SHEET NO. 2  
 FOR LOCATION MAPS, SEE SHEET NO. 4

IMPROVEMENTS LOCATED IN THE VILLAGES OF  
 RIVERSIDE, GLENVIEW, NILES AND LAKE BLUFF



- LOCATION 1: SN 016-0874, FOREST AVE. OVER THE DES PLAINES RIVER
- LOCATION 2: SN 016-0307, IL 43, WAUKEGAN RD. OVER THE WEST FORK OF THE NORTH BRANCH OF THE CHICAGO RIVER
- LOCATION 3: SN 016-0928, U.S. 14, CALDWELL AVE. OVER THE NORTH BRANCH OF THE CHICAGO RIVER
- LOCATION 4: SN 049-0013, IL 176 OVER THE EAST SKOKIE DITCH



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

CONTRACT NO. 62635

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

SUBMITTED May 12 20 06

Diane M. O'Keefe  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

June 30, 20 06  
Mike Heare  
 ENGINEER OF DESIGN AND ENVIRONMENT

June 30, 20 06  
Milton R. Seas, P.E.  
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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 OF THE STATE OF ILLINOIS

DISTRICT ONE / PLAN PREPARATION ENGINEER: KEN ENG / JENPAI CHANG (847) 705-4432

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2003-067I	VARIOUS	27	2
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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**STATE STANDARDS**

STANDARD	DESCRIPTION
701201-02	LANE CLOSURE, 2L, 2W, DAY ONLY ON-ROAD TO 24" OFF-ROAD FOR SPEEDS > 45 MPH
701501-03	URBAN LANE CLOSURE 2L, 2W UNDIVIDED
701601-04	URBAN LANE CLOSURE MULTILANE 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701606-04	URBAN LANE CLOSURE, MULTILANE 2W WITH MOUNTABLE MEDIAN
702001-06	TRAFFIC CONTROL DEVICES

**GENERAL NOTES**

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE & GAS FACILITIES. (48 HOURS 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.

EXCAVATION INTO THE STREAM BED FOR STONE RIPRAP INSTALLATION SHALL NOT BE DEEPER THAN THE BOTTOM OF THE FOOTING OF THE PIER OR ABUTMENT TO BE PROTECTED.

DEBRIS AND/OR TREE REMOVAL, IF ENCOUNTERED, SHALL BE DONE IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS & CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION & ORDERING OF MATERIALS.

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

ALL AREAS (INCLUDING WETLAND AREAS) OUTSIDE THE LIMITS OF RIPRAP PLACEMENT AND/OR CHANNEL EXCAVATION WHICH ARE DISTURBED (WHERE EXISTING SOIL CONTOURS HAVE BEEN ALTERED AND/OR EXISTING VEGETATION HAS 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 EROSION 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.

THE CONTRACTOR IS ADVISED TO AVOID OR MINIMIZE ANY DISTURBANCE TO EXISTING VEGETATION OUTSIDE THE LIMITS OF RIPRAP PLACEMENT AND CHANNEL EXCAVATION WORK DUE TO THE SUBSTANTIAL DIFFICULTY AND COST OF RESTORING THE DISTURBED AREAS.

THE CONTRACTOR IS ADVISED TO AVOID OR MINIMIZE ANY DISTURBANCE TO EXISTING STORM SEWER OUTLETS WITHIN THE LIMITS OF RIPRAP PLACEMENT AND CHANNEL EXCAVATION.

THE CONTRACTOR MUST PROTECT PAVEMENT WHEN DUMPING RIP RAP ONTO PAVEMENT AND WILL BE RESPONSIBLE FOR RESTORING PAVEMENT MARKINGS.

ANY GUARDRAIL OR SIGNS DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S 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 SUBMIT DEWATERING AND SEDIMENT CONTROL PLANS FOR EACH SITE.

THE CONTRACTOR SHALL CONTACT THE DESIGNER AFTER DEWATERING FOR FINAL RIPRAP OR SLOPE MATTRESS PLACEMENT.

LANE CLOSURES WILL NOT BE PERMITTED ON ILLINOIS ROUTE 176 FROM JULY 1ST TO JULY 8TH.

THE CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGES TO THE EXISTING GUARDRAIL AT PARCEL 1F00110PE. THE EXISTING GUARDRAIL WILL BE REMOVED AND REINSTALLED AT THE CONTRACTOR'S EXPENSE SHOULD THE CONTRACTOR CHOOSE TO ACCESS THE NORTH BRANCH OF THE CHICAGO RIVER AT THAT LOCATION.

PLOT DATE = 5/12/2006  
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 USER NAME = smthrl

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<b>INDEX OF SHEETS STATE STANDARDS GENERAL NOTES</b>
SCALE:	VERT. / HORIZ.	DRAWN BY
DATE		CHECKED BY

CONTRACT NO. 62635

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN 100% STATE	CONSTRUCTION TYPE CODE SFTY- 2A																	
				COOK COUNTY		LAKE CO.	LOC. 1														
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	016-0874	016-0307	016-0928	049-0013														
20300100	CHANNEL EXCAVATION	CU YD	14		14																
28100107	STONE RIPRAP, CLASS A4	SQ YD	2600	360	865	1015	360														
28200200	FILTER FABRIC	SQ YD	4100	1860	865	1015	360														
28400100	GABIONS	CU YD	100	100																	
28401000	SLOPE MATTRESS 12"	SQ YD	1430	1430																	
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														
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.25	0.25	0.25	0.25														
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0.5			0.5														
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1		1																
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	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														
X0322467	TEMPORARY INFORMATION SIGNING FOR LANE CLOSURE	SQ FT	205.6	51.4	51.4	51.4	51.4														

REVISIONS	
NAME	DATE

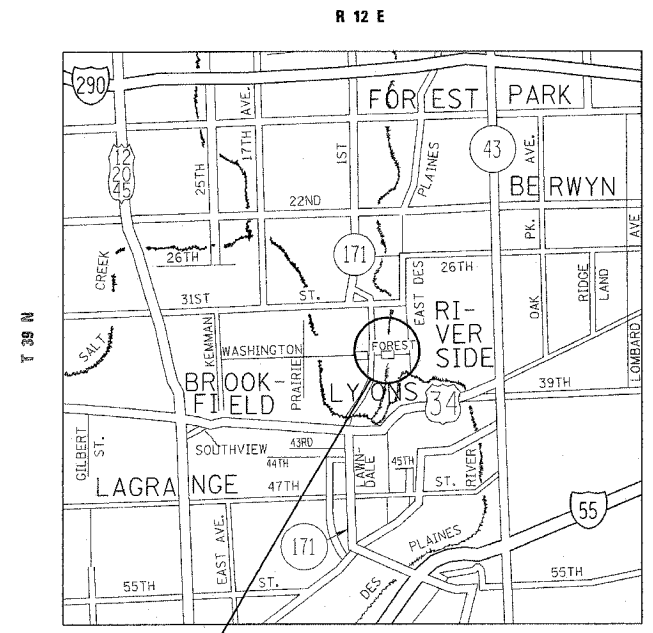
ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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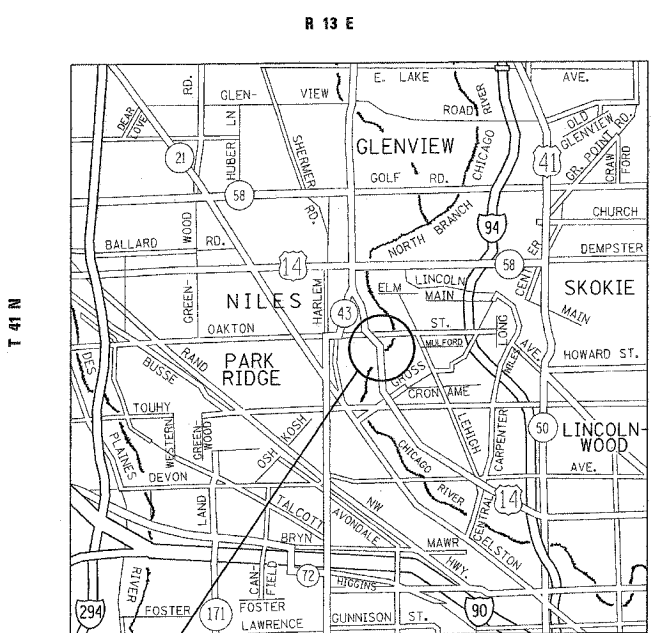
5/12/2006

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2003-067I	VARIOUS	27	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



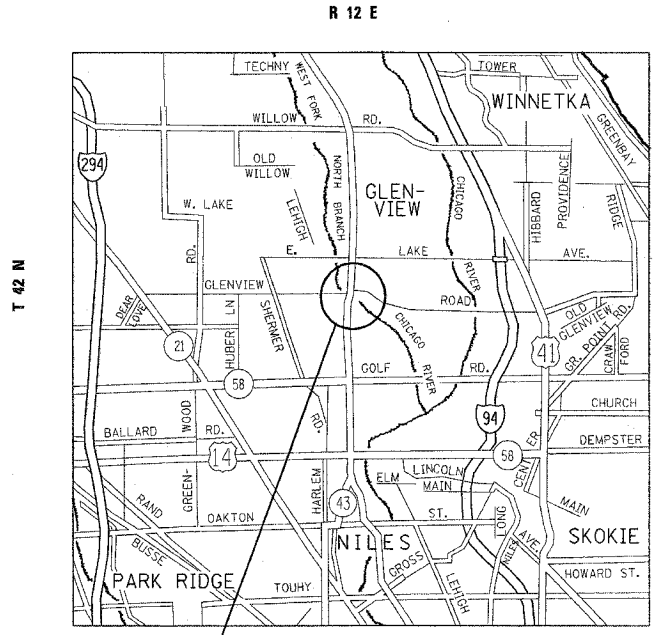
LOCATION 1 - COOK COUNTY  
STRUCTURE NUMBER: 016-0874  
  
FOREST AVENUE  
OVER  
THE DES PLAINES RIVER  
LOCATED IN RIVERSIDE TOWNSHIP

TRAFFIC DATA  
SPEED LIMIT = 25 MPH  
2002 ADT = 4,009



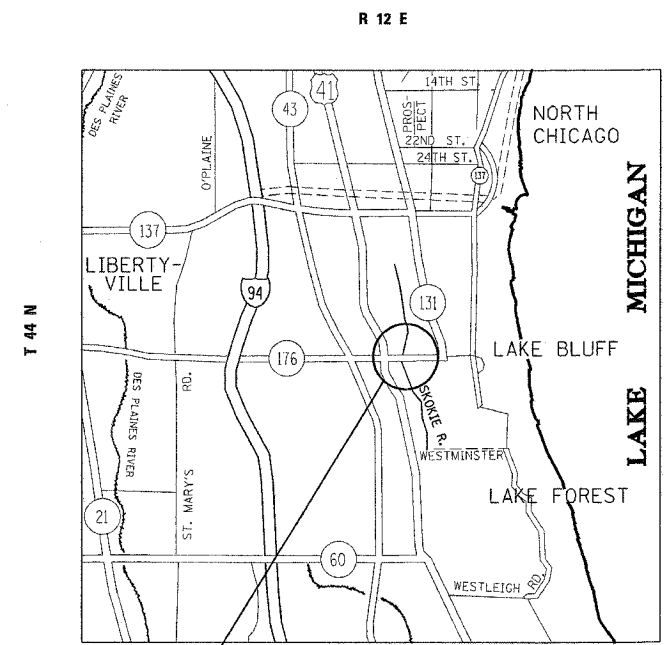
LOCATION 3 - COOK COUNTY  
STRUCTURE NUMBER: 016-0928  
  
U.S. 14, CALDWELL AVENUE OVER THE NORTH BRANCH OF THE CHICAGO RIVER  
LOCATED IN NILES TOWNSHIP

TRAFFIC DATA  
SPEED LIMIT = 40 MPH  
2005 ADT = 19,200



LOCATION 2 - COOK COUNTY  
STRUCTURE NUMBER: 016-0307  
  
IL 43, WAUKEGAN ROAD  
OVER  
THE WEST FORK OF THE NORTH BRANCH OF THE CHICAGO RIVER  
LOCATED IN NORTHFIELD TOWNSHIP

TRAFFIC DATA  
SPEED LIMIT = 40 MPH  
2005 ADT = 29,700



LOCATION 4 - LAKE COUNTY  
STRUCTURE NUMBER: 049-0013  
  
IL 176 OVER THE EAST SKOKIE DITCH  
LOCATED IN SHIELDS TOWNSHIP

TRAFFIC DATA  
SPEED LIMIT = 40 MPH  
2005 ADT = 12,300

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

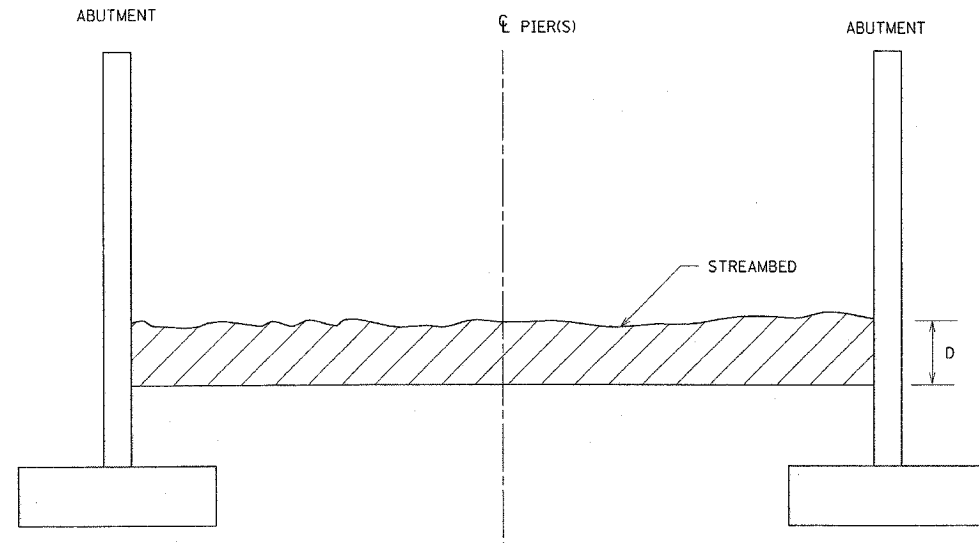
**LOCATION MAPS**

SCALE: VERT. DATE: HORIZ. DRAWN BY: CHECKED BY:

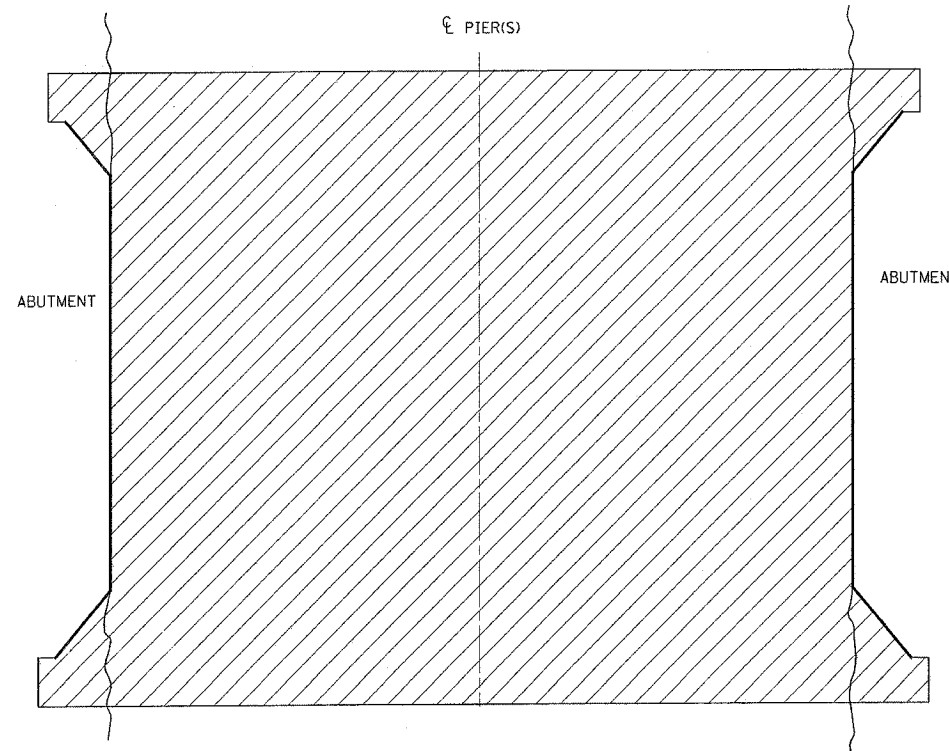
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VAR.	2003-067I	VARIOUS	27	5
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

RIPRAP PLACEMENT DETAIL, LOCATIONS 2, 3 AND 4



TYPICAL SECTION ACROSS CHANNEL



PLAN VIEW

NOTES

D = DEPTH OF THE RIPRAP

LOCATION	D	RIPRAP SIZE
2	2.3	A4
3	2.3	A4
4	2.3	A4

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

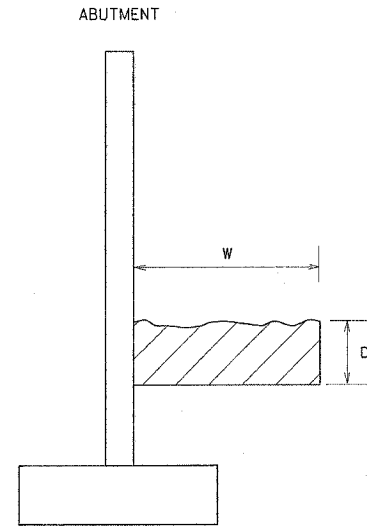
**RIPRAP PLACEMENT DETAIL**

SCALE: VERT.  
HORIZ.  
DATE

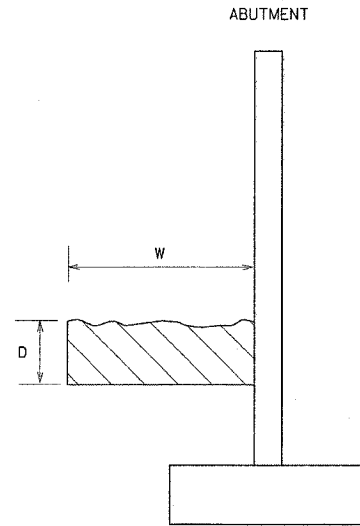
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2003-0671	VARIOUS	27	6
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

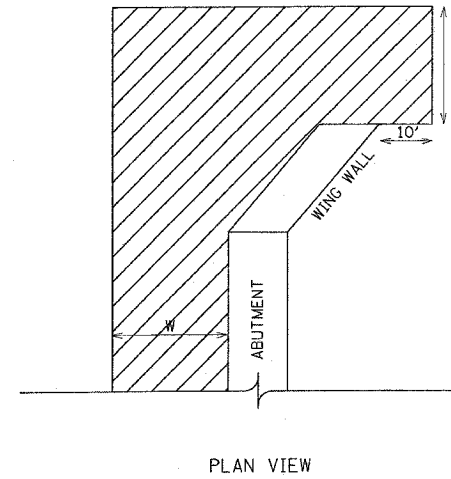
RIPRAP PLACEMENT DETAIL, LOCATION 2, 3 AND 4



TYPICAL SECTION AT ABUTMENT



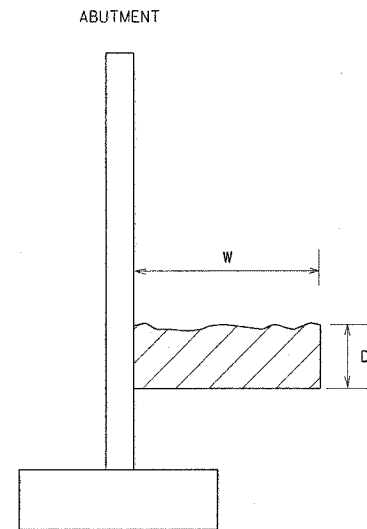
TYPICAL SECTION AT ABUTMENT



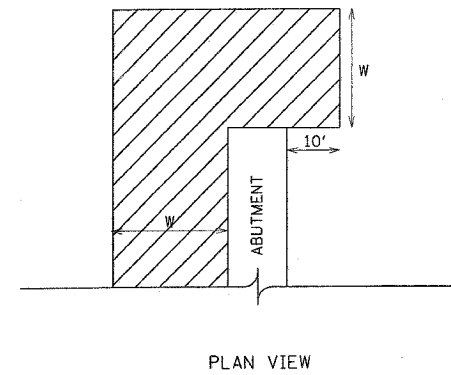
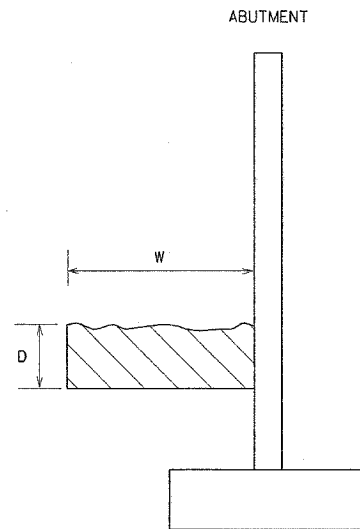
NOTES

D = DEPTH OF THE RIPRAP

LOCATION	RIPRAP SIZE	D	W
2	A4	2.3	25
4	A4	2.3	14



TYPICAL SECTION AT ABUTMENT



NOTES

D = DEPTH OF THE RIPRAP

LOCATION	RIPRAP SIZE	D	W
3	A4	2.3	25

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REVISIONS	
NAME	DATE

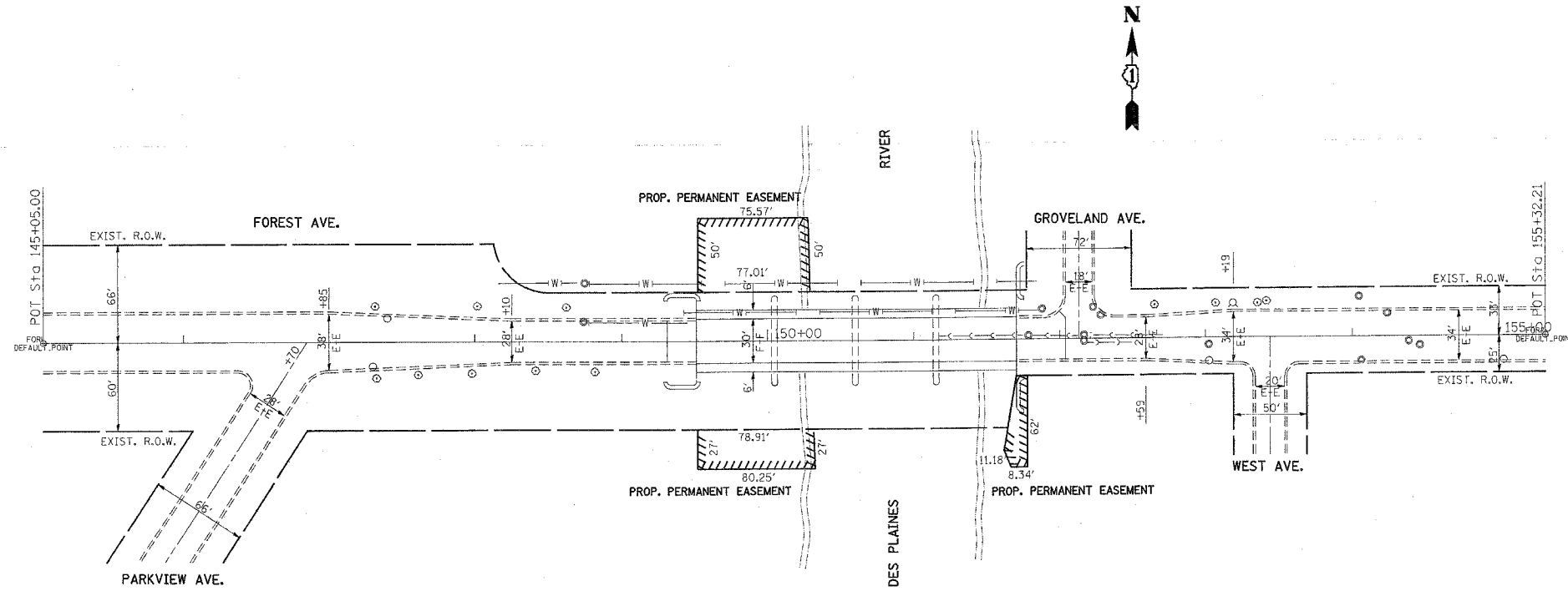
ILLINOIS DEPARTMENT OF TRANSPORTATION

RIPRAP PLACEMENT DETAIL

SCALE: VERT.  
 HORIZ.  
 DATE

DRAWN BY  
 CHECKED BY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2003-0671	VARIOUS	27	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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REVISIONS	
NAME	DATE

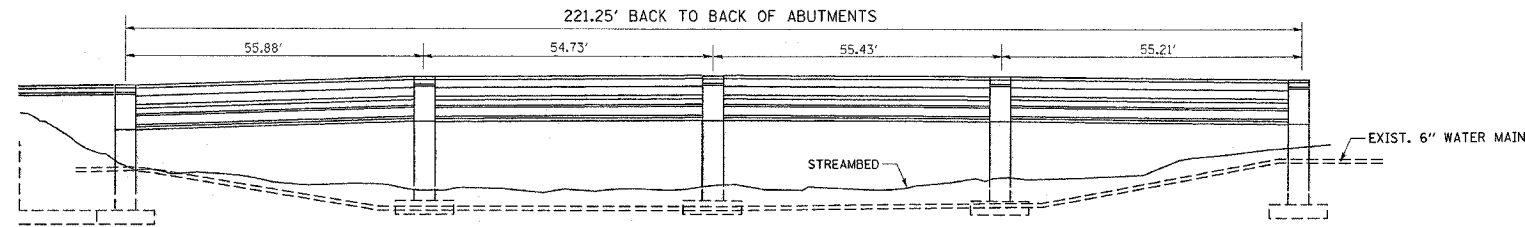
ILLINOIS DEPARTMENT OF TRANSPORTATION

**STR. NO. 016-0874**  
**FOREST AVENUE OVER**  
**THE DES PLAINES RIVER**  
**LOCATION 1**

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_

DATE \_\_\_\_\_ DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2003-067I	VARIOUS	27	8
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



ELEVATION



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

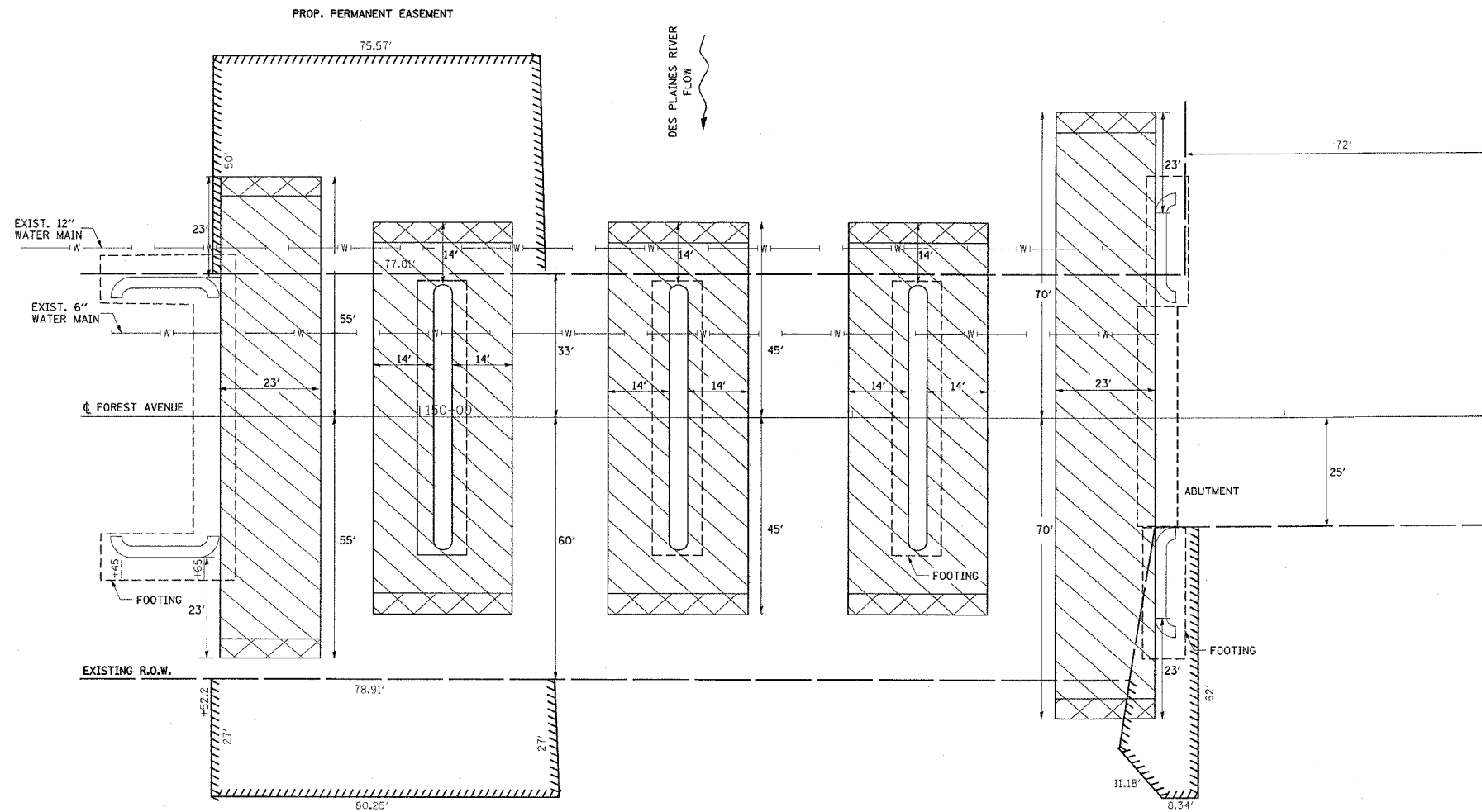
TBM:  CUT ON WINGWALL (NE CORNER OF WINGWALL)  
 EL. = 617.89

BM: CONCRETE POST WITH REBAR, LOCATED 332' W. OF BRIDGE AND 37' S OF C OF FOREST AVE. (C.C. #406)  
 EL. = 614.60

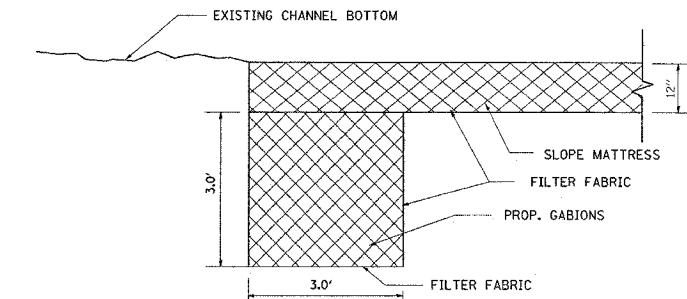
NOTES:

GABIONS SHALL BE PLACED AT THE UPSTREAM AND DOWNSTREAM ENDS OF THE PROPOSED SLOPE MATTRESS ACROSS THE CHANNEL

SLOPE MATTRESS SHALL BE SECURELY WIRED DOWN TO THE GABIONS IN ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 284 OF THE STANDARD SPECIFICATIONS



PLAN



MATTRESS ANCHORING DETAIL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

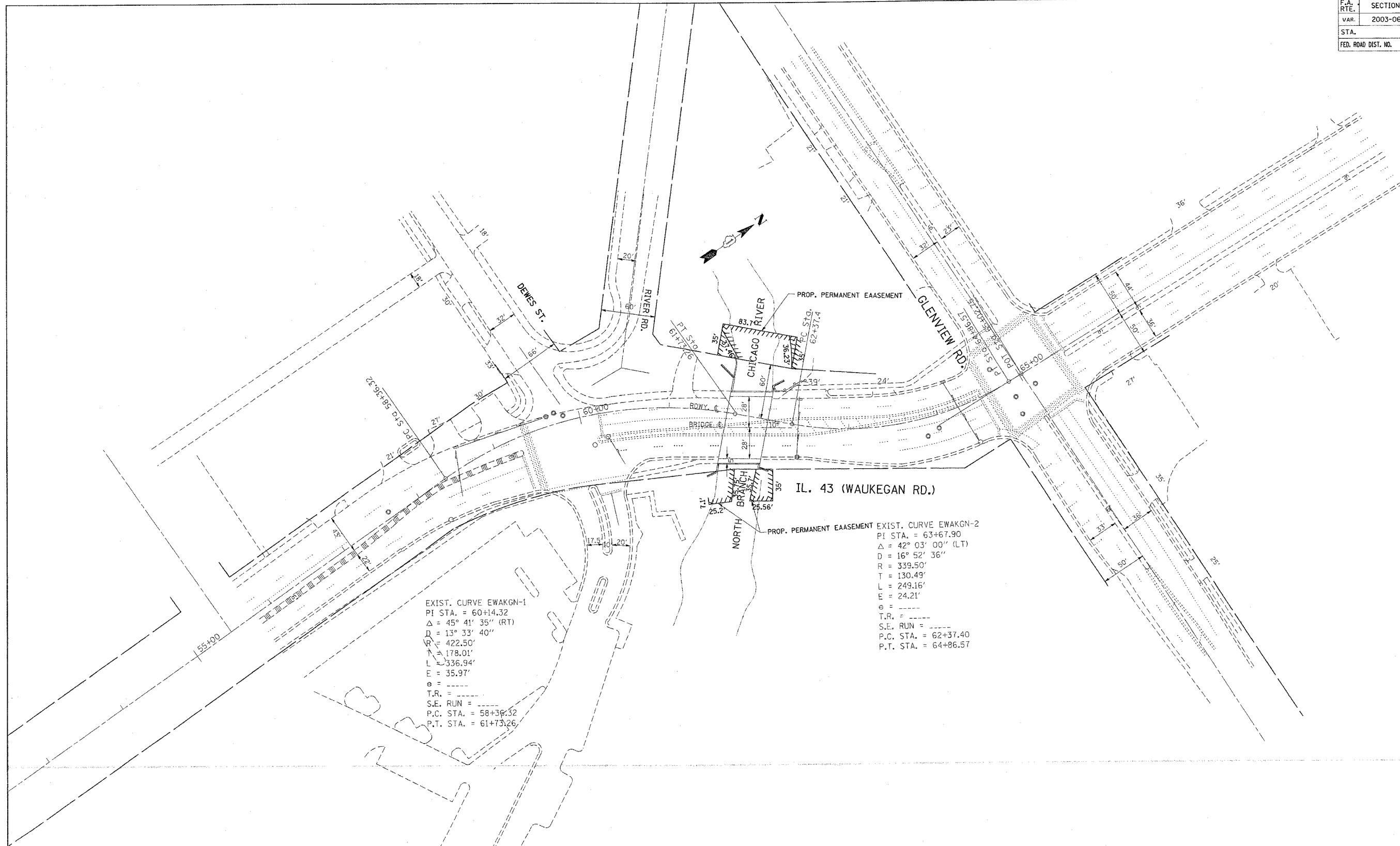
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**FOREST AVENUE OVER**  
**THE DES PLAINES RIVER**  
**LOCATION 1**

SCALE: NONE  
 DATE 5/12/2006

DRAWN BY  
 CHECKED BY

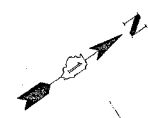


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2003-0671	VARIOUS	27	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



EXIST. CURVE EWAKGN-1  
 PI STA. = 60+14.32  
 $\Delta = 45^\circ 41' 35''$  (RT)  
 $D = 13^\circ 33' 40''$   
 $R = 422.50'$   
 $T = 178.01'$   
 $L = 336.94'$   
 $E = 35.97'$   
 $e =$   
 T.R. =  
 S.E. RUN =  
 P.C. STA. = 58+39.32  
 P.T. STA. = 61+73.26

EXIST. CURVE EWAKGN-2  
 PI STA. = 63+67.90  
 $\Delta = 42^\circ 03' 00''$  (LT)  
 $D = 16^\circ 52' 36''$   
 $R = 339.50'$   
 $T = 130.49'$   
 $L = 249.16'$   
 $E = 24.21'$   
 $e =$   
 T.R. =  
 S.E. RUN =  
 P.C. STA. = 62+37.40  
 P.T. STA. = 64+86.57

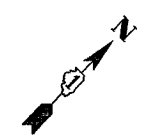


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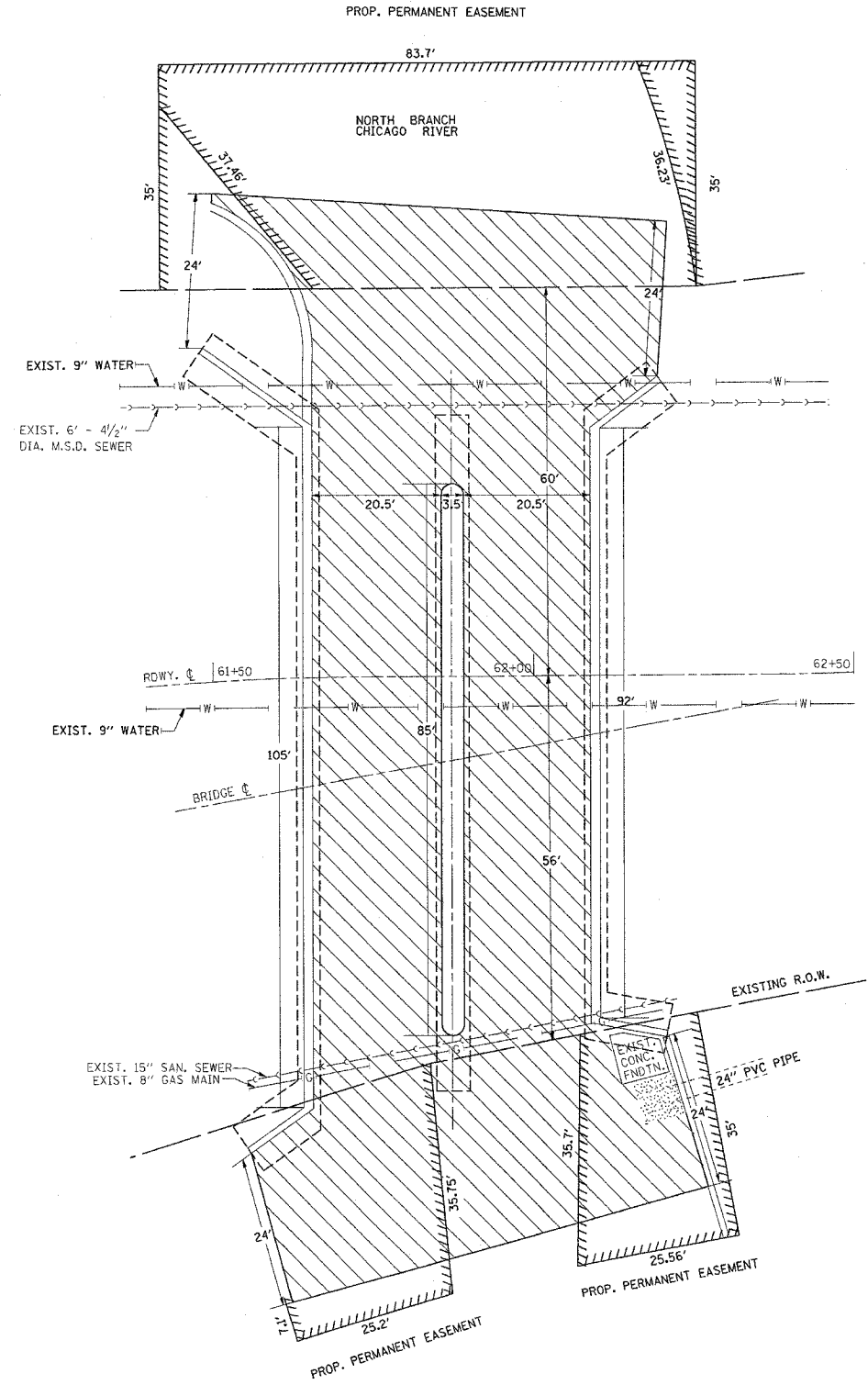
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**STR. NO. 016-0307**  
**IL 43 WAUKEGAN RD. OVER**  
**THE WEST FORK OF THE NORTH**  
**BRANCH OF THE CHICAGO RIVER**  
**LOCATION 2**  
 SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE \_\_\_\_\_ DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_

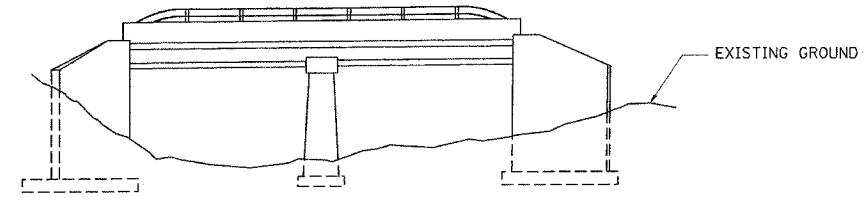
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2003-067I	VARIOUS	27	10
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



WEST FORK OF THE NORTH BRANCH OF THE CHICAGO RIVER  
FLOW



PLAN



ELEVATION

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: BRASS MARKER SET IN CONCRETE, LOCATED 38" W. OF E. FACE AND 41' S. OF THE FACE OF A TWO STORY BRICK BUILDING AT 1930 PRAIRIE STREET.  
EL. = 633.58 (VILLAGE ELEVATION).
- BM 2:  CUT IN E. HEADWALL OF BRIDGE ON S. SIDE OF GLENVIEW ROAD OVER WEST FORK NORTH BRANCH OF CHICAGO RIVER.  
EL. = 631.36 (VILLAGE ELEVATION)

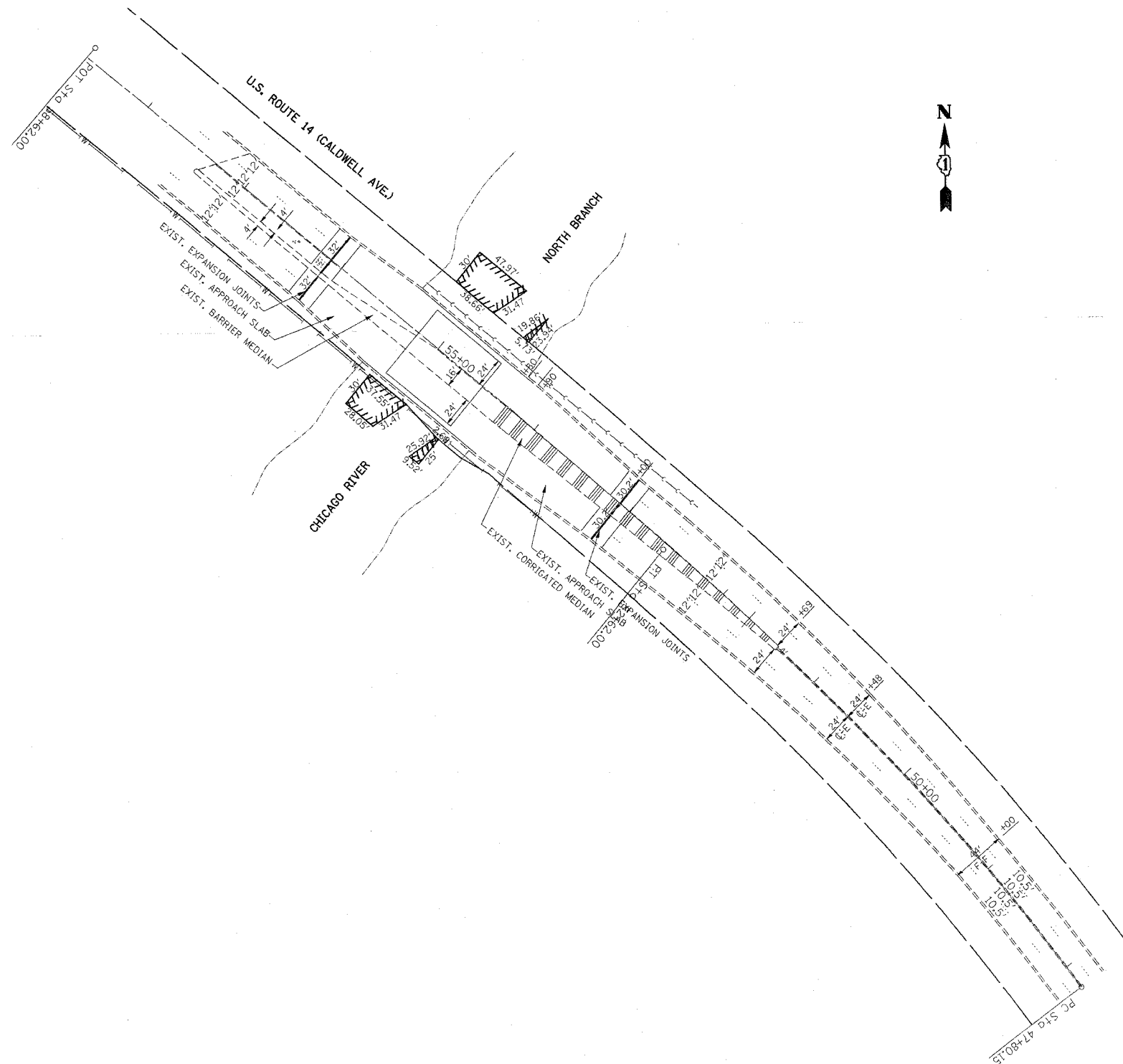
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**STR. NO. 016-0307**  
**IL. 43 WAUKEGAN RD. OVER**  
**THE WEST FORK OF THE NORTH**  
**BRANCH OF THE CHICAGO RIVER**  
**LOCATION 2**

SCALE: NONE  
DATE

DRAWN BY  
CHECKED BY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2003-0671	VARIOUS	27	11
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PLOT DATE = 5/12/2005  
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 USER NAME = smt141

REVISIONS	
NAME	DATE

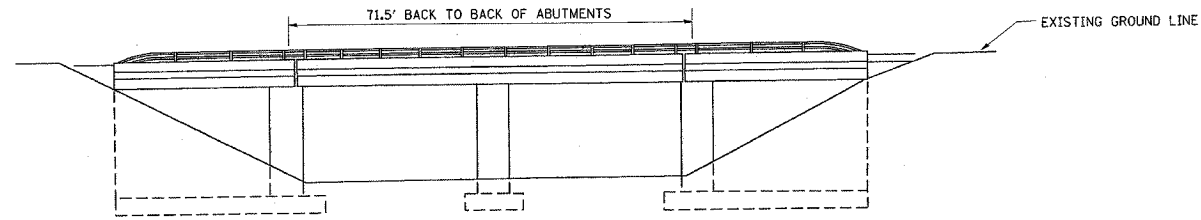
ILLINOIS DEPARTMENT OF TRANSPORTATION

**STR. NO. 016-0928**  
**U.S. 14 (CALDWELL AVE.) OVER**  
**N. BRANCH CHICAGO RIVER**  
**LOCATION 3**

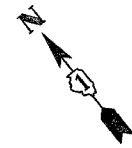
SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE \_\_\_\_\_

DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2003-0671	VARIOUS	27	12
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



ELEVATION

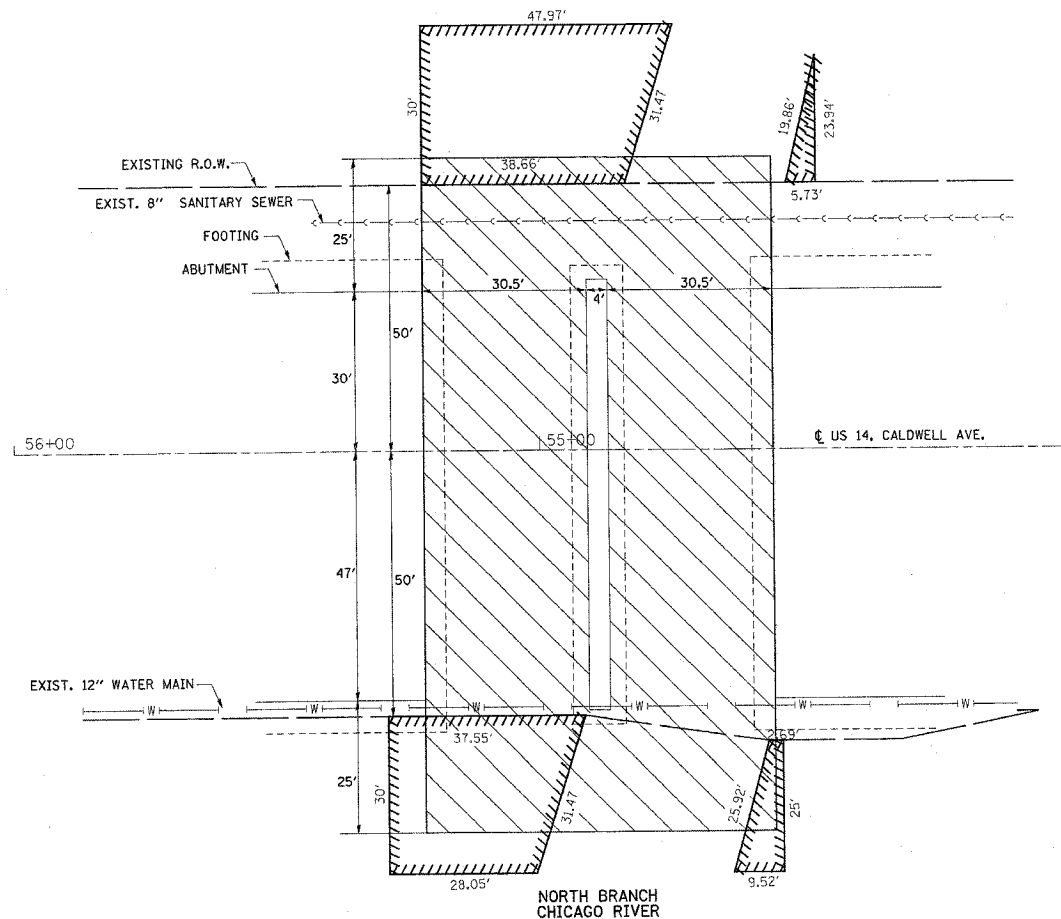


N. BR. CHICAGO RIVER FLOW

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

U.S.G.S. BM 49: NW CORNER OF SIDEWALK ON BRIDGE.  
 EL. = 623.185  
 OAKTON STREET OVER THE NORTH BRANCH OF THE CHICAGO RIVER

U.S.G.S. BM 50: OAKTON ST. AND CALDWELL AVE.  
 CUT ON CORNER OF BASE LIGHT STANDARD ON N.W. CORNER OF INTERSECTION  
 EL. = 623.64



PLAN

REVISIONS	
NAME	DATE

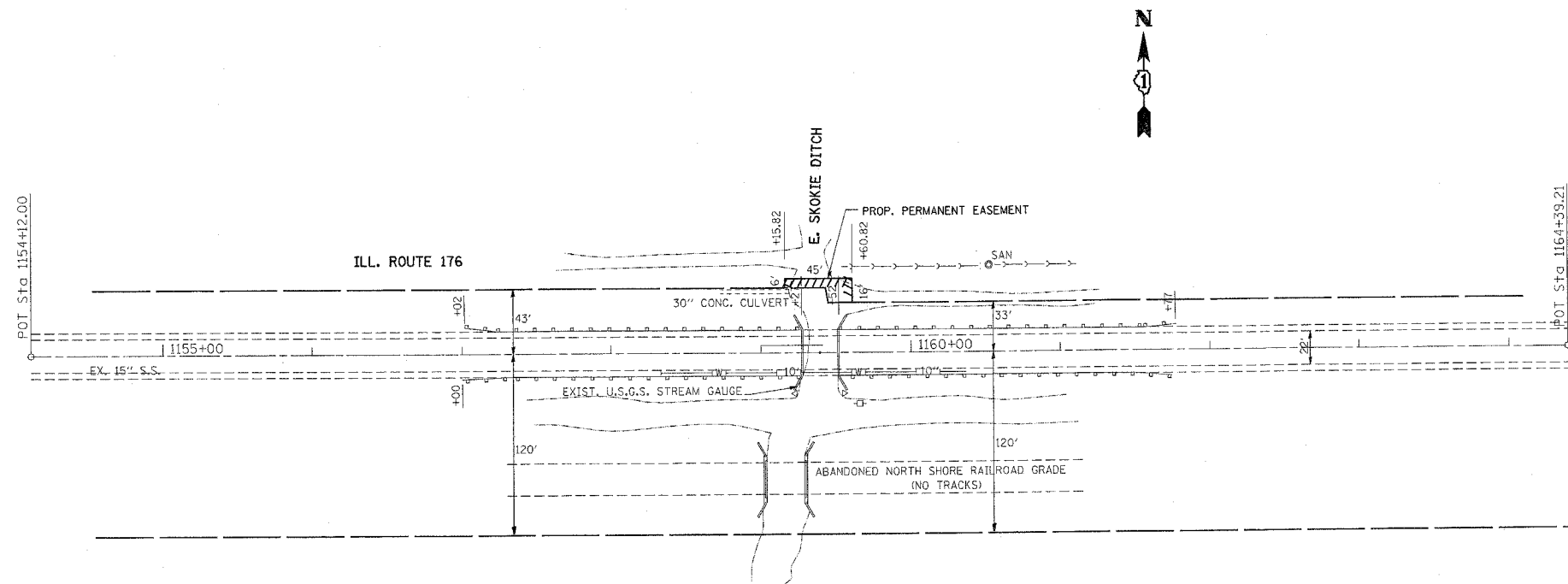
ILLINOIS DEPARTMENT OF TRANSPORTATION

**STR. NO. 016-0928**  
**U.S. 14 (CALDWELL AVE.) OVER**  
**N. BRANCH CHICAGO RIVER**  
**LOCATION 3**

SCALE: NONE  
 DATE 5/12/2006

DRAWN BY  
 CHECKED BY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2003-0671	VARIOUS	27	13
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PLOT DATE = 5/12/2006  
 FILE NAME = c:\projects\117103\desig\1a.dgn  
 PLOT SCALE = 500.0000 / IN.  
 USER NAME = sm11k1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**STR. NO. 049-0013**  
**IL. 176 OVER**  
**THE EAST SKOKIE DITCH**  
**LOCATION 4**

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE \_\_\_\_\_

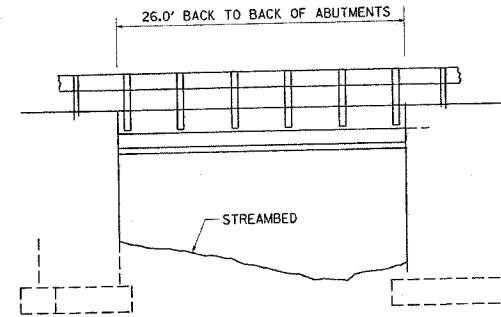
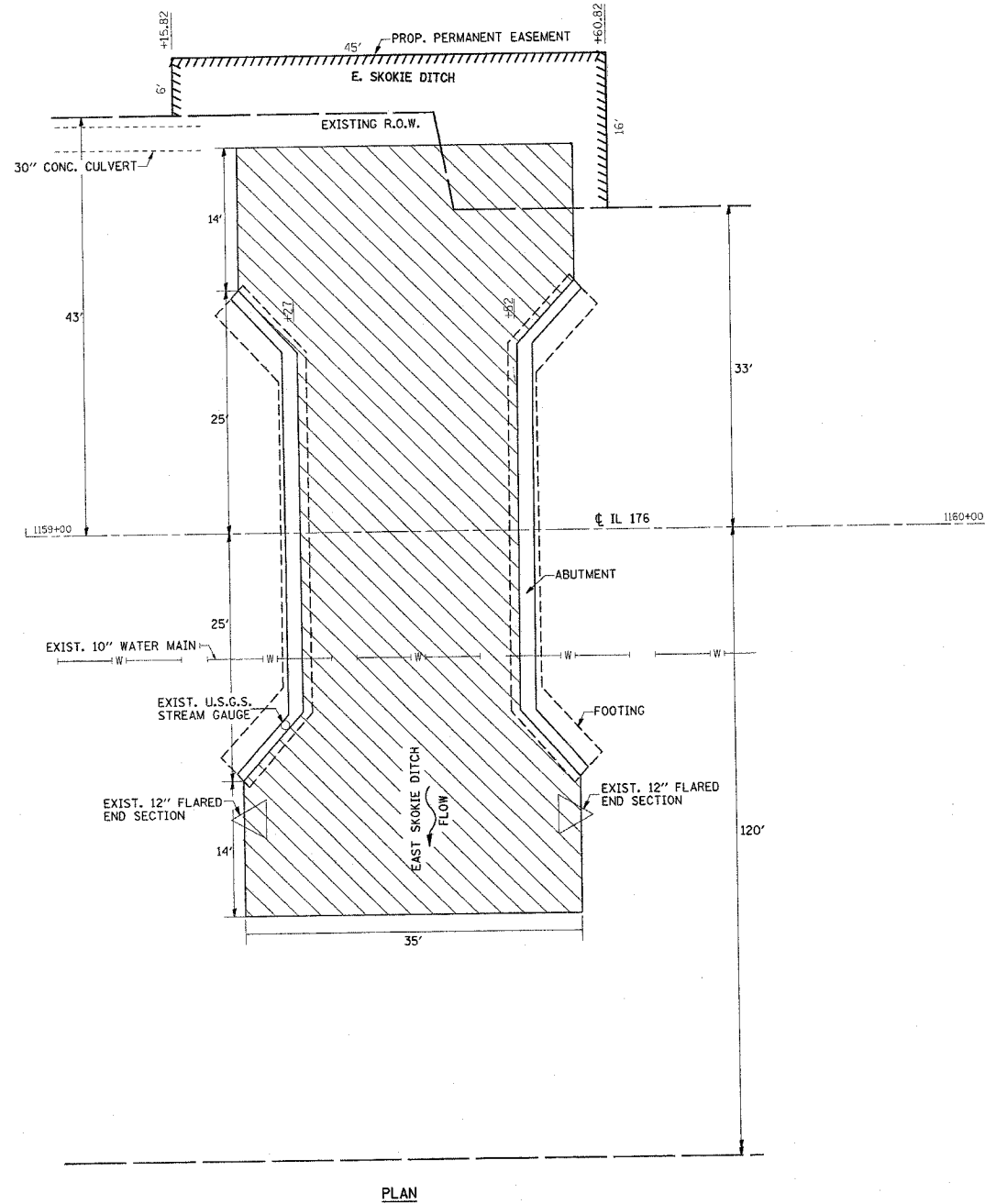
DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_

5/12/2006

c:\projects\dl17103\des\_bridges.dgn  
smthkl

CONTRACT NO. 62635

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2003-0671	VARIOUS	27	14
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



ELEVATION

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 OR ON SOUTH SIDE OF BRIDGE FROM SWALE UNDER COM ED AND TELEPHONE LINES. 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

NOTE: LOW CLEARANCE UNDER BRIDGE

TBM 7:  CUT ON WINGWALL (NW CORNER OF BRIDGE)  
16.2 FT. LEFT OF STA. 1159+28  
EL. = 672.18

BM 7:  CHISELED ON TOP OF SOUTH END OF WEST ABUTMENT  
OF ABANDONED C. & N.S. R.R., 70 FT. RT. STA. 1159+10  
EL. = 673.70

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**STR. NO. 049-0013**  
**IL. 176 OVER**  
**THE EAST SKOKIE DITCH**  
**LOCATION 4**

SCALE: NONE  
DATE 5/12/2006

DRAWN BY  
CHECKED BY

PART OF THE SEC. 35, T39N, R12E OF THE 3RD P.M., COOK COUNTY, ILLINOIS

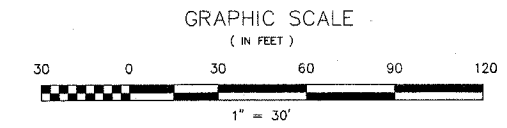
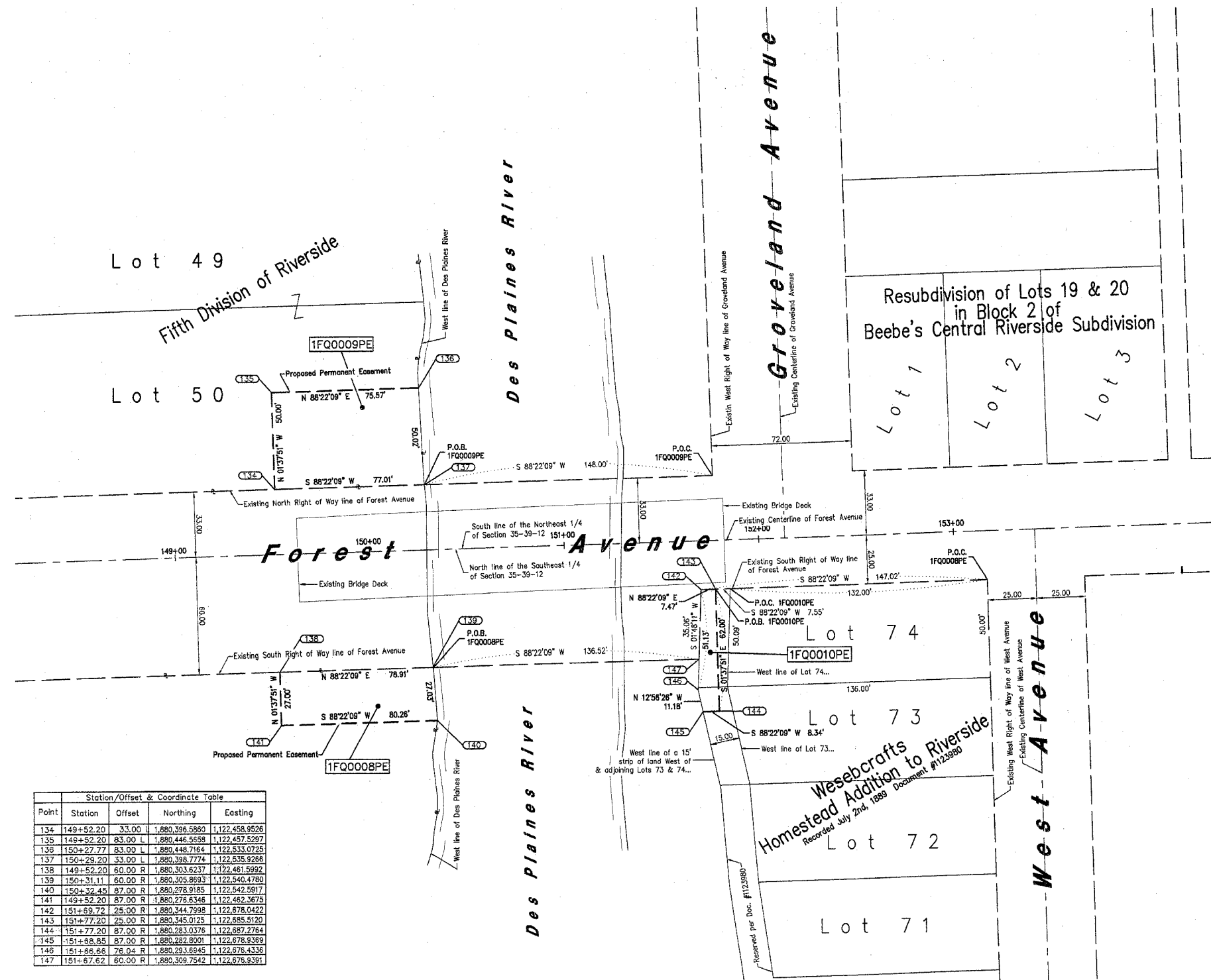
CONTRACT NO. 62635

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2003-0671	VARIOUS	27	15
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT

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			
1FQ0008PE	Forest Preserve District of Cook County	5.920	N/A	5.920	N/A	0.049 (2,148.76 sq. ft.)	Construction	15-35-403-003	
1FQ0009PE	Forest Preserve District of Cook County	7.250	N/A	7.250	N/A	0.088 (3,814.49 sq. ft.)	Construction	15-35-201-001	
1FQ0010PE	Riverside Condominiums	0.337	N/A	0.337	N/A	0.013 (563.01 sq. ft.)	Construction	15-35-404-020 15-35-404-021 & 022	

**LEGEND**

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL 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
- PK NAIL SET
- REPLACED AFTER CONSTRUCTION
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH IRON ROD FLUSHED WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- 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
- BT3
- 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
- PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.



- 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 MGS MONUMENT SHEETS.
  - SURVEYED IN ENGLISH. ALL STATIONING IS SHOWN IN FEET.

STATE OF ILLINOIS }  
COUNTY OF COOK } SS

THIS IS TO DECLARE THAT WE, W-T LAND SURVEYING, INC., HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN THAT PART OF SECTION 35, TOWNSHIP 39 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 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 RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

GIVEN UNDER OUR HAND AND SEAL THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ A.D. 2006.  
AT SCHAUMBURG, ILLINOIS.

W-T LAND SURVEYING, INC.

ILLINOIS PROFESSIONAL LAND SURVEY CORPORATION  
IL LICENSE NO. 184-001108

**W-T LAND SURVEYING, INC.**  
LAND AND CONSTRUCTION SURVEYORS  
39 EAST SCULLY DRIVE  
SCHAUMBURG, ILLINOIS 60193  
ph. (847)895-3640  
fax. (847)895-9985

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
Forest Avenue (Over Des Plaines River)

SECTION 2003-0671 COOK COUNTY  
PROJECT JOB NO. R-91-007-05  
STATION 149+52.20 TO STATION 150+32.45  
SCALE: 1"=30' SHEET 4 OF 9

**Station/Offset & Coordinate Table**

Point	Station	Offset	Northing	Easting
134	149+52.20	33.00 L	1,880,396.5860	1,122,458.9526
135	149+52.20	83.00 L	1,880,446.5658	1,122,457.5297
136	150+27.77	83.00 L	1,880,448.7164	1,122,532.0725
137	150+29.20	33.00 L	1,880,398.7774	1,122,535.9286
138	149+52.20	80.00 R	1,880,303.6237	1,122,481.5992
139	150+31.11	60.00 R	1,880,305.8693	1,122,540.4780
140	150+32.45	87.00 R	1,880,278.9185	1,122,542.5917
141	149+52.20	87.00 R	1,880,276.6346	1,122,452.3675
142	151+69.72	25.00 R	1,880,344.7998	1,122,676.0422
143	151+77.20	25.00 R	1,880,345.0125	1,122,685.5120
144	151+77.20	87.00 R	1,880,283.0376	1,122,687.2784
145	151+68.65	87.00 R	1,880,282.8001	1,122,678.9369
146	151+66.66	76.04 R	1,880,293.6945	1,122,676.4336
147	151+67.62	60.00 R	1,880,309.7842	1,122,676.9391

5/6/06	Added 1FQ0010PE and Re-issued	WTO
12/23/05	Revised per comments and Re-issued	WTO
12/16/05	Revised Temporary Easement to Permanent Easement & Re-issued	WTO
6/29/06	Issued Signed & Sealed Major	WTO

# PART OF SEC. 35, T42N, R12E OF THE 3RD P.M., COOK COUNTY, ILLINOIS

CONTRACT NO. 62635

PARCEL No.	OWNER	TOTAL HOLDINGS (ACRES)	PART TAKEN (ACRES)	PREVIOUSLY DEDICATED (ACRES)	REMAINDER	EASEMENT AREA (ACRES)	PERMANENT INDEX NUMBER	PURPOSE OF EASEMENT	ACQUIRED BY
1FQ0103PE	RENEE D. CARDELLA TRUST AND LINDA J. ENRIGHT TRUST	0.090	0.000	0.000	0.090	0.003 (132 SQ. FT.)	04-35-400-014	PERMANENT	
1FQ0104PE	VILLAGE OF GLENVIEW	0.641	0.000	0.000	0.641	0.056	04-35-400-016	PERMANENT	
1FQ0105PE	CHRIS E. KRUGER	0.139	0.000	0.000	0.139	0.008 (346 SQ. FT.)	04-35-400-004	PERMANENT	
1FQ0106PE	KRAFT FOODS HOLDINGS INC.	18.705	0.000	0.000	18.705	0.015 (654 SQ. FT.)	04-35-402-012	PERMANENT	
1FQ0107PE	THE CONDOMINIUM ASSOCIATION AT THE CLOISTERS	2.470	0.000	0.000	2.470	0.018 (772 SQ. FT.)	04-35-401-011-1001 THRU 1072	PERMANENT	

FAIL. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2003-0671	VARIOUS	27	16
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**LEGEND**

SECTION CORNER  
QUARTER CORNER

SECTION LINE  
QUARTER SECTION LINE  
PLATTED LOT LINE  
PROPERTY (DEED) LINE

APL  
CENTERLINE  
EXISTING RIGHT OF WAY LINE  
PROPOSED RIGHT OF WAY LINE  
PROPOSED EASEMENT  
MEASURED DIMENSION  
COMPUTED DIMENSION  
RECORD DATA

EXISTING BUILDING

IRON ROD SET  
IRON PIPE OR ROD FOUND  
CUT CROSS FOUND OR SET

THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSHED WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

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.

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.

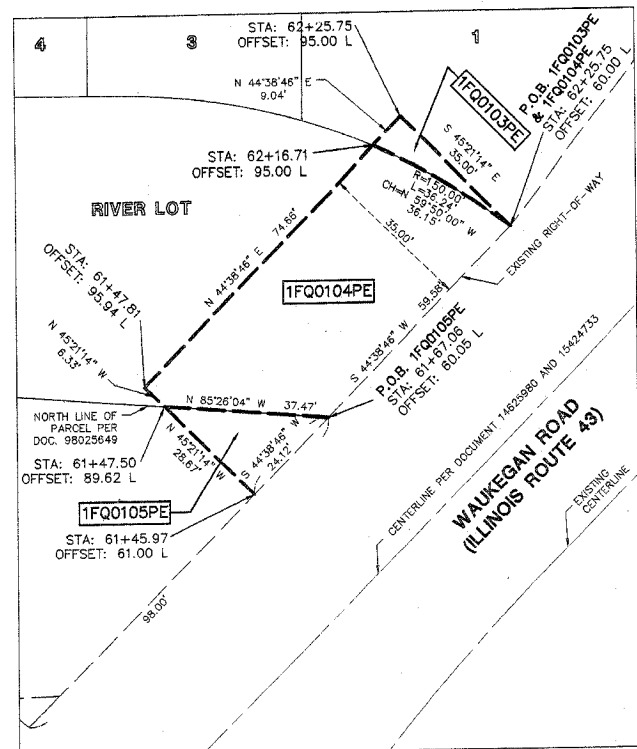
STAKING OR PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

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

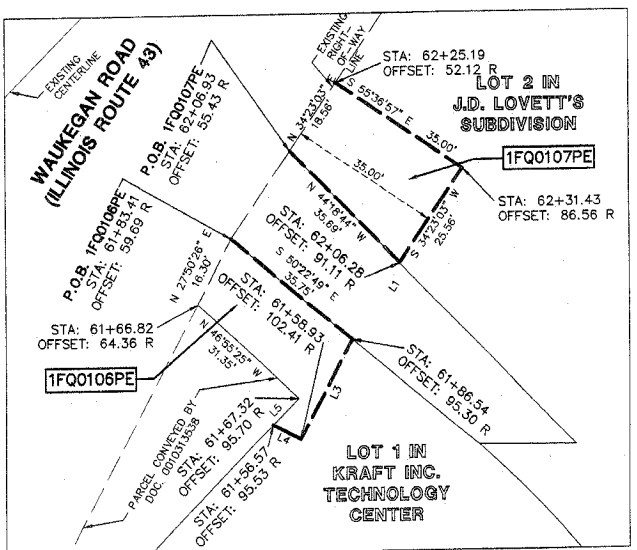
RIGHT OF WAY STAKING PROPOSED TO BE SET.

LIGHT STANDARD

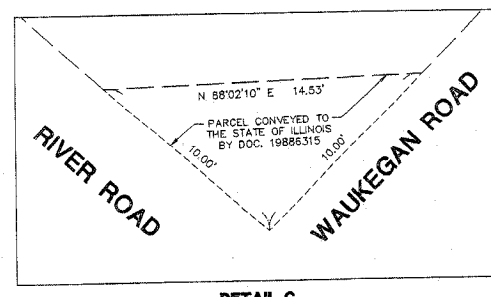
P.O.B. = POINT OF BEGINNING



DETAIL A  
SCALE: 1" = 20'



DETAIL B  
SCALE: 1" = 20'



DETAIL C  
SCALE: 1" = 4'

STATE OF ILLINOIS) )SS  
COUNTY OF LAKE)

I, TIMOTHY J. MURPHY, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 35, TOWNSHIP 42 NORTH RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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 AND ESTABLISHED 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 13<sup>TH</sup> DAY OF JANUARY, A.D., 2006.

*Timothy J. Murphy*

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

DETAIL "B" LINE TABLE

LINE	BEARING	LENGTH
L1	S 34°23'03" W	14.91'
L3	S 27°50'26" W	25.21'
L4	N 62°02'34" W	7.11'
L5	N 44°17'32" E	8.31'

LINE TABLE

LINE	MEASURE		RECORD	
	BEARING	LENGTH	BEARING	LENGTH
L6	S 27°52'26" W	16.30'	S 30°54'38" W	16.30'
L7	S 48°52'26" E	31.35'	S 43°51'13" E	31.35'
L8	S 44°17'32" W	60.92'	S 46°08'47" W	60.92'
L9	S 25°00'14" W	31.17'	S 26°51'28" W	31.17'
L10	S 64°59'46" E	33.27'	S 63°08'31" E	33.27'
L11	S 25°00'14" W	36.62'	S 26°51'28" W	36.62'
L12	N 64°59'46" W	32.86'	N 63°08'31" W	32.86'
L13	S 28°59'03" W	62.82'	S 30°50'18" W	62.82'
L14	N 84°34'16" W	7.44'	N 75°24'25" W	7.34'

ID07 SB17 - 3424

**MANHARD CONSULTING, INC.**  
ENGINEERS • SURVEYORS • PLANNERS  
800 WOODLANDS PARKWAY VERNON HILLS, IL 60061  
TEL 847/684-5550 FAX 847/684-0085

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
WAUKEGAN ROAD (IL ROUTE 43)

SECTION: OVER BRIDGE COOK COUNTY  
PROJECT JOB NO. R-91-007-05  
STATION 61+56.57 TO STATION 62+25.75  
SCALE: 1" = 50' SHEET 6 OF 9

REVISION DATE	DESCRIPTION	BY
01/13/06	REVISED PARCEL LIMITS AND OWNERS	SSG
12/19/05	REVISED PER IDOT REVIEW - TEMPORARY TO PERMANENT EASEMENTS	RYP
05/24/05	REVISED PER IDOT REVIEW	RYP
	REVISION DATE	DESCRIPTION

RECORDING: RECORDED ON

AS DOCUMENT NO.

DATE	BY

Jan 13, 2006 - 12:00  
 Draw Name: P:\id07\ID07 Projects\SB17\Map\Site\Plat Drawings\Plat of Highways\3-16077-SB17.dwg Updated By: RPopack



**PART OF SEC. 30, T41N, R13E OF THE 3RD P.M., COOK COUNTY, ILLINOIS**

CONTRACT NO. 62635

PARCEL No.	OWNER	TOTAL HOLDINGS (ACRES)	PART TAKEN (ACRES)	PREVIOUSLY DEDICATED (ACRES)	REMAINDER	EASEMENT AREA (ACRES)	PERMANENT INDEX NUMBER	PURPOSE OF EASEMENT	ACQUIRED BY
1FQ0108PEA	THE FOREST PRESERVE DISTRICT	4.019	0.000	1.263	2.756	0.030	10-30-200-004	PERMANENT	
1FQ0108PEB			0.000			0.023	10-30-200-004	PERMANENT	
1FQ0109PE	AMER. NATL. BANK & TRUST CO. CHICAGO TRUST NO. 117097-06	3.785	0.000	0.372	3.413	(78.50 FT) 0.302	10-30-201-014	PERMANENT	
1FQ0110PE	CHICAGO TITLE LAND TRUST CO. AS TRUSTEE UNDER TRUST NO. 9961251	0.792	0.000	0.000	0.792	(183.50 FT) 0.004	10-30-200-020	PERMANENT	

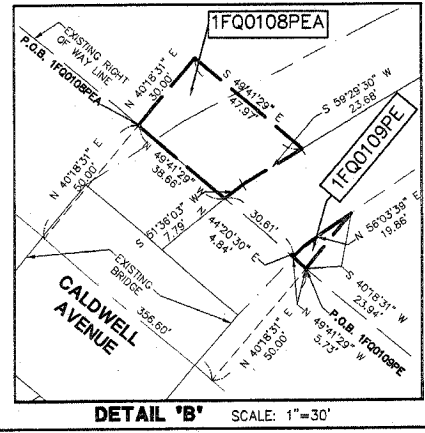
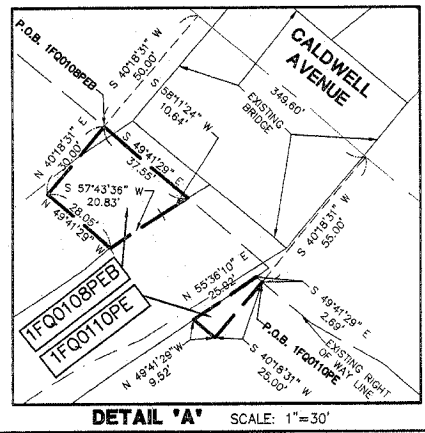
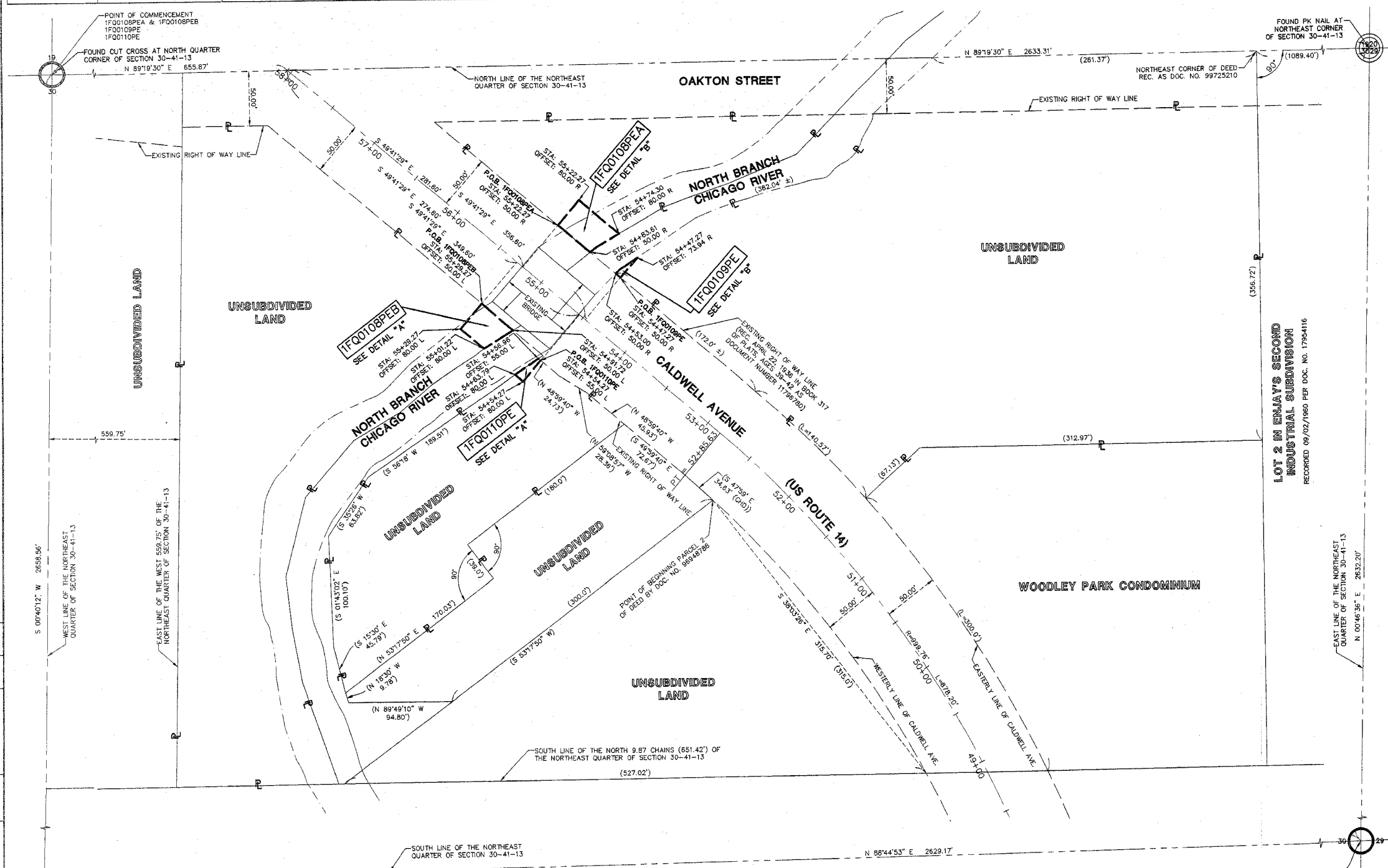
FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2003-0871	VARIOUS	27	17

STA. TO STA.  
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

**LEGEND**

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL 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 ROD SET
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSHED WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2 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.
- T3 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.
- BT1
- BT2
- BT3
- 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 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.
- PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.
- LIGHT STANDARD

STATE OF ILLINOIS )  
COUNTY OF LAKE )  
I, TIMOTHY J. MURPHY, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 30, TOWNSHIP 41 NORTH RANGE 13 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 13<sup>TH</sup> DAY OF JANUARY A.D. 2006  
*Timothy J. Murphy*  
ILLINOIS PROFESSIONAL LAND SURVEYOR No. 2870; EXPIRES NOVEMBER 30, 2006



REVISION DATE	DESCRIPTION	BY
01/13/06	REVISED PARCEL LIMITS AND OWNERS	RYP
12/19/05	REVISED PER IDOT REVIEW -- TEMPORARY TO PERMANENT EASEMENTS	RYP
05/24/05	REVISED PER IDOT REVIEW	RYP

RECORDING: RECORDED ON AS DOCUMENT NO.

IDOT7 SB17 - 3424

**MANHARD CONSULTING** ENGINEERS • SURVEYORS • PLANNERS  
900 WOODLANDS PARKWAY VERNON HILLS, IL 60061  
PH: 847/634-5550 FAX: 847/634-0096

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
CALDWELL AVENUE (U.S. ROUTE 14)  
SECTION: OVER BRIDGE COOK COUNTY  
PROJECT JOB NO. R-91-007-05  
STATION 54+47.27 TO STATION 55+29.27  
SCALE: 1" = 50' SHEET 7 OF 9

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

Jan 13, 2006 - 13:10 Dwg Name: P:\net\DOT Projects\SB17\dwg\Surv\Final Drawings\Plat of Highways\04-8007-SB17.dwg Updated By: RProject  
 BY: DATE  
 MADE: CHECKED: INDEXED:  
 R.O.W. PLAT NOTEBOOK NO.

**PART OF SEC. 20, T44, R12E OF THE 3RD P.M., LAKE COUNTY, ILLINOIS**

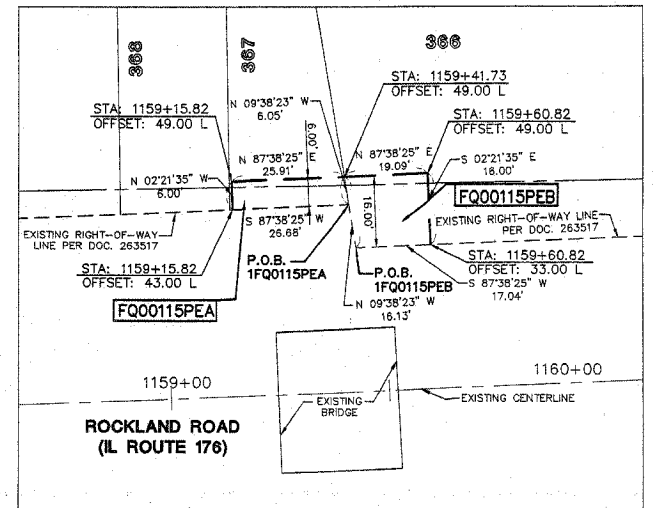
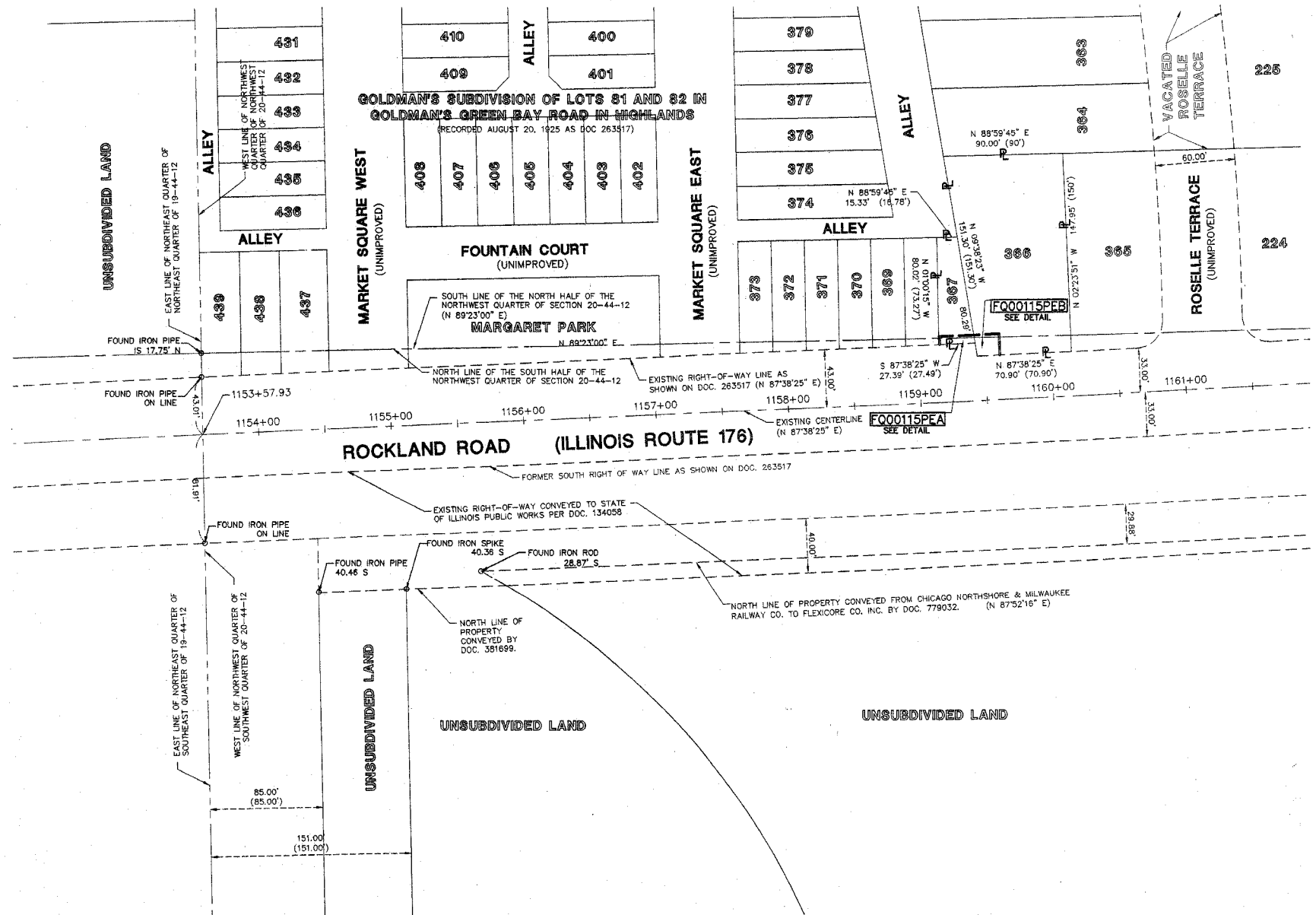
CONTRACT NO. 62635

PARCEL No.	OWNER	TOTAL HOLDINGS (ACRES)	PART TAKEN (ACRES)	PREVIOUSLY DEDICATED (ACRES)	REMAINDER	EASEMENT AREA (ACRES)	PERMANENT INDEX NUMBER	PURPOSE OF EASEMENT	ACQUIRED BY
1FQ0115PEA	VILLAGE OF LAKE BLUFF	0.039	0.000	0.000	0.039	0.004 (158 SQ. FT.)	12-20-101-044	PERMANENT	
1FQ0115PEB		0.275	0.000	0.000	0.275	0.007 (288 SQ. FT.)	12-20-101-099	PERMANENT	

F.A.W. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2003-0671	VARIOUS	27	18
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**LEGEND**

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) 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 ROD SET
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- PK NAIL SET
- REPLACED AFTER CONSTRUCTION
- THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSHED WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED 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 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.
- PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.
- LIGHT STANDARD
- P.O.B. = POINT OF BEGINNING



STATE OF ILLINOIS )  
 COUNTY OF LAKE )  
 I, TIMOTHY J. MURPHY, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 20, TOWNSHIP 44 NORTH RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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 AND ESTABLISHED 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 20th DAY OF DECEMBER, A.D., 2005.  
*Timothy J. Murphy*  
 ILLINOIS PROFESSIONAL LAND SURVEYOR No. 2870; EXPIRES NOVEMBER 30, 2006



IDOT7 SB17 - 3424  
**MANHARD CONSULTING** ENGINEERS • SURVEYORS • PLANNERS  
 600 WOODLANDS PARKWAY VERNON HILLS, IL 60061  
 PH: 847/934-3560 FAX: 847/934-0092

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 ROCKLAND ROAD (IL ROUTE 176)  
 SECTION: OVER BRIDGE LAKE COUNTY  
 PROJECT JOB NO. R-91-007-05  
 STATION 1159+15.82 TO STATION 1159+60.82  
 SCALE: 1" = 50' SHEET 9 OF 9

BUREAU OF LAND ACQUISITION  
 201 WEST CENTER COURT  
 SCHAUMBURG, ILLINOIS 60196

REVISION DATE	DESCRIPTION	BY
12/19/05	REVISED PER IDOT REVIEW - TEMPORARY TO PERMANENT EASEMENTS	RYP

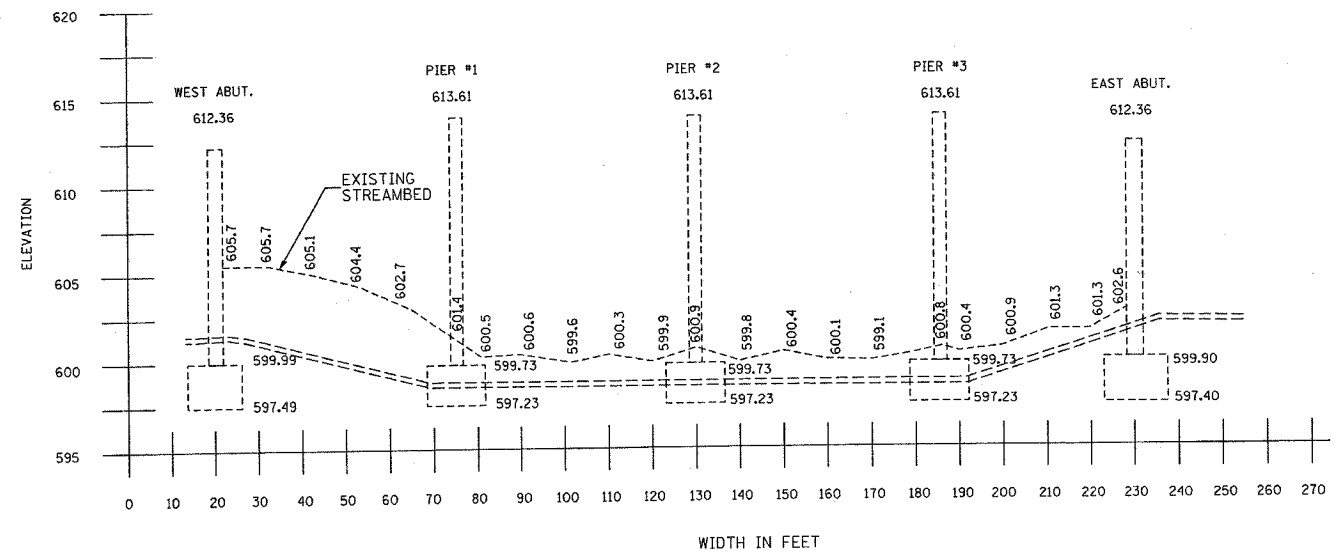
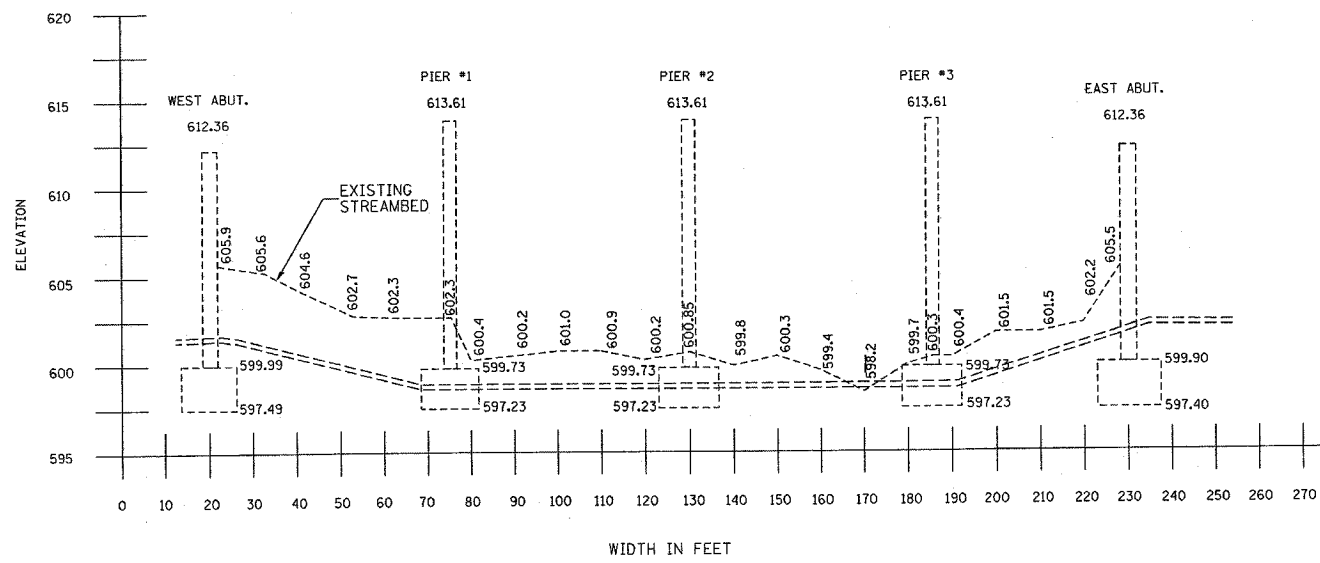
RECORDING: RECORDED ON

AS DOCUMENT NO.

BY	DATE
MADE	
CHECKED	
INKED	
NOTEBOOK NO.	

Dec 19, 2005 - 09:06 Dwg Name: P:\dot7\IDOT7 Projects\SB17\Drawings\Survey\Final Drawings\Plat of Highways 08-IDOT7-SB17.dwg Updated by: rjoseph

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

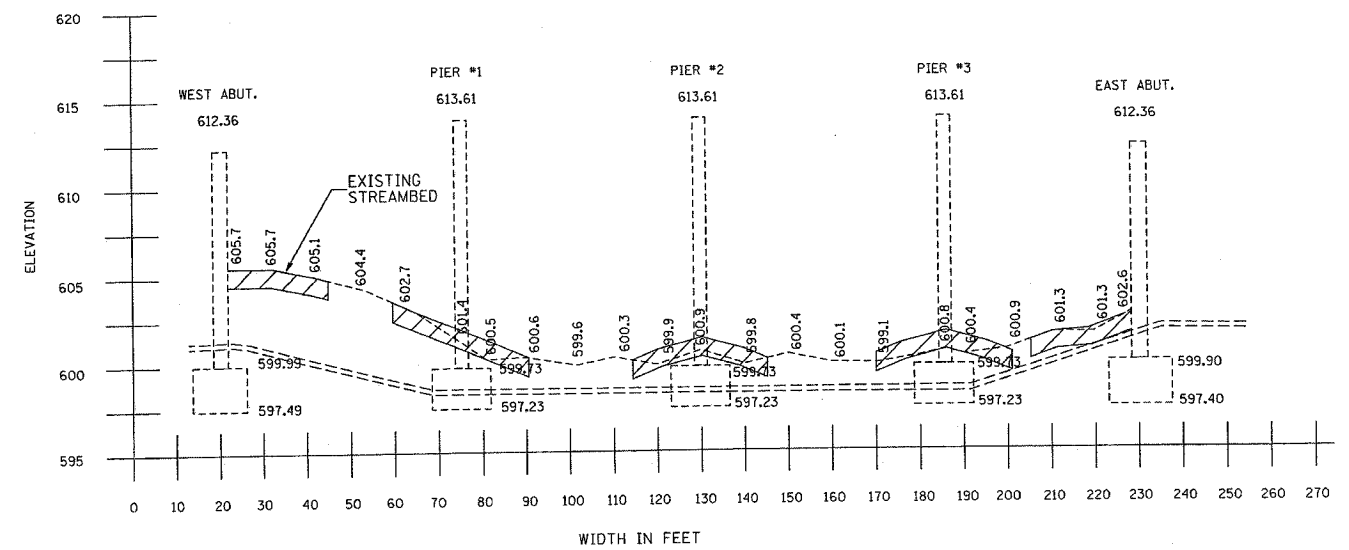
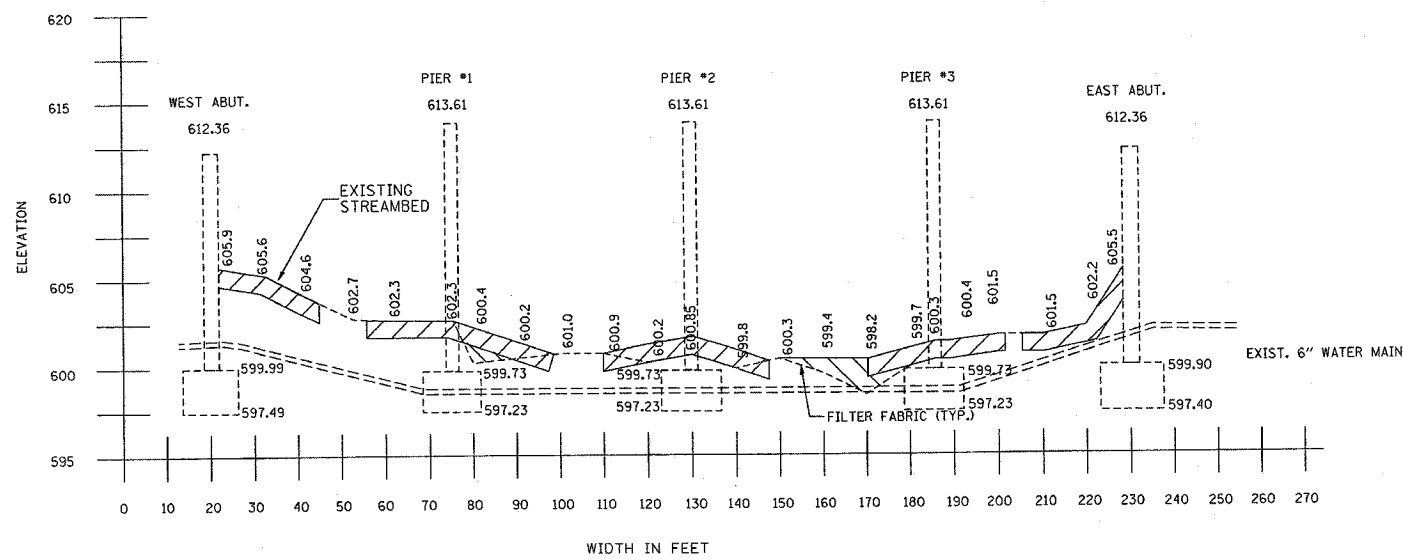


DOWNSTREAM SOUTH FACE  
EXISTING CROSS SECTION

UPSTREAM NORTH FACE  
EXISTING CROSS SECTION

EXISTING CROSS SECTION

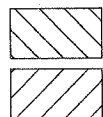
PROPOSED CROSS SECTION



DOWNSTREAM SOUTH FACE  
PROPOSED CROSS SECTION

UPSTREAM NORTH FACE  
PROPOSED CROSS SECTION

LEGEND



- STONE RIPRAP, CLASS A4

- SLOPE MATTRESS, 12" (TYP.)

REVISIONS	
NAME	DATE

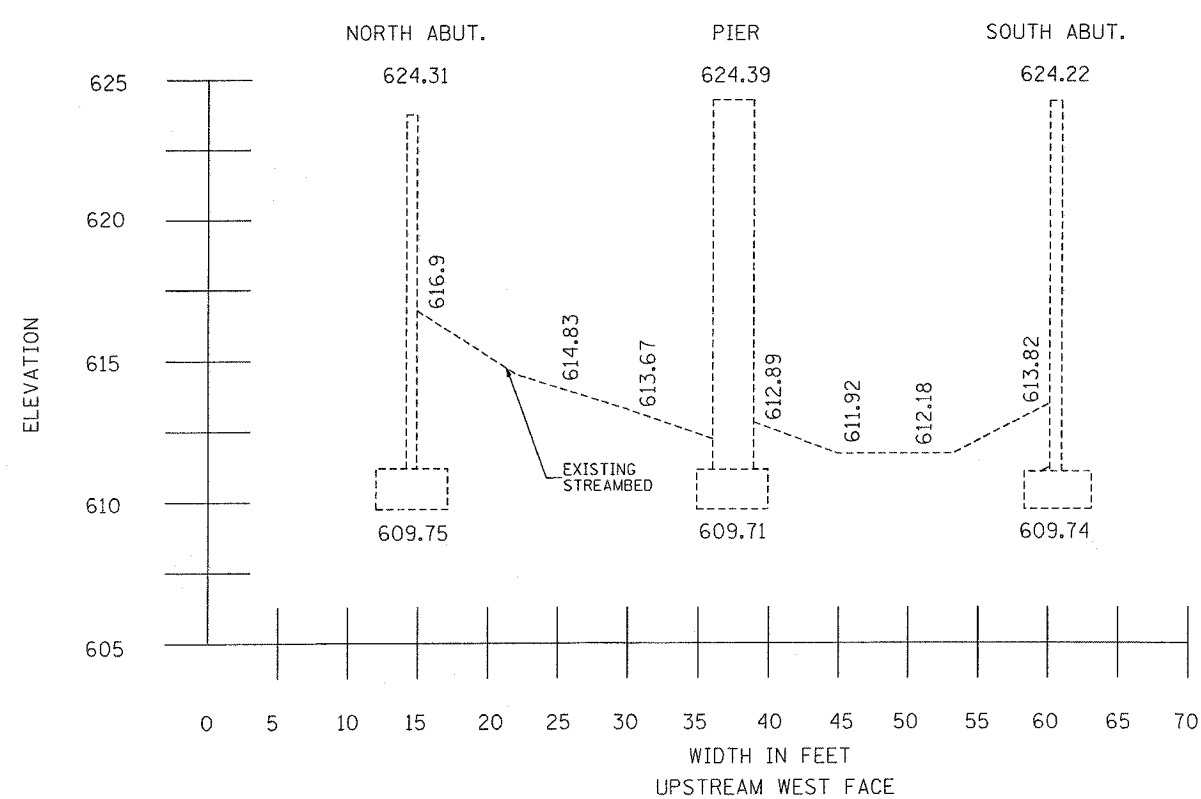
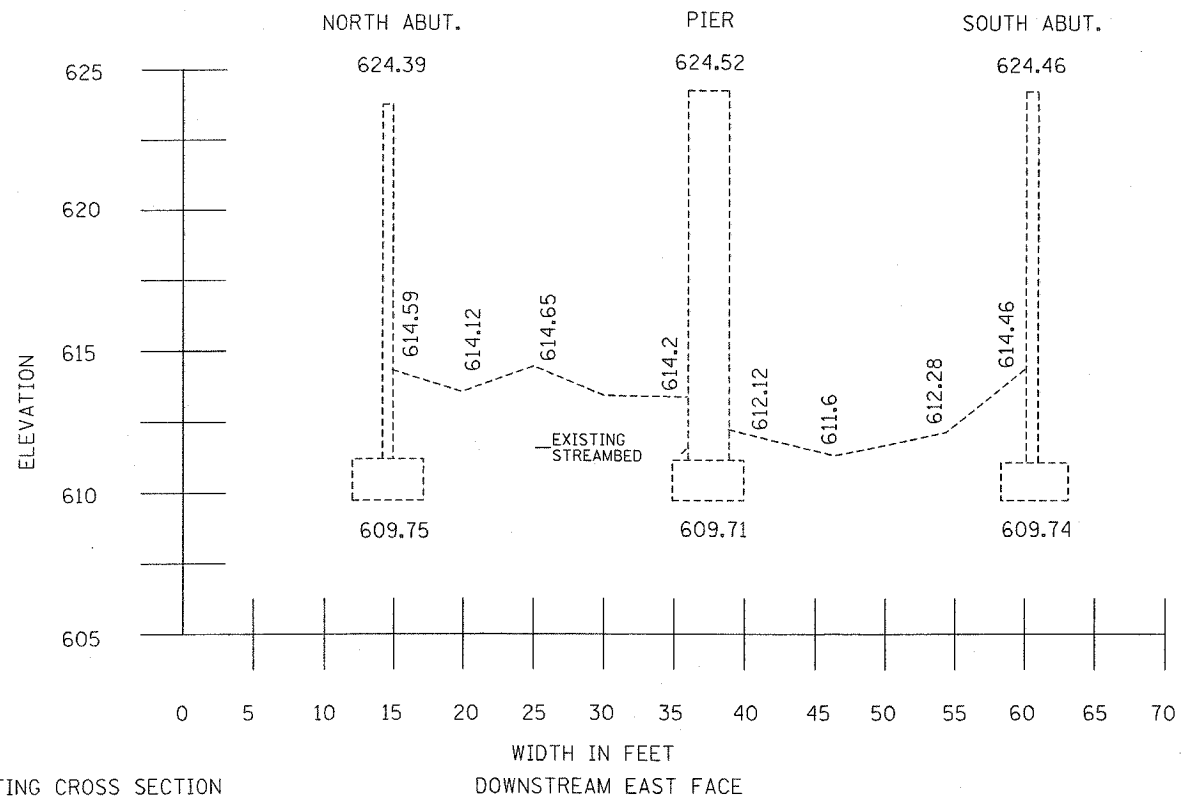
ILLINOIS DEPARTMENT OF TRANSPORTATION

**STR. NO. 016-0874  
FOREST AVENUE OVER  
THE DES PLAINES RIVER  
LOCATION 1  
CROSS SECTION**

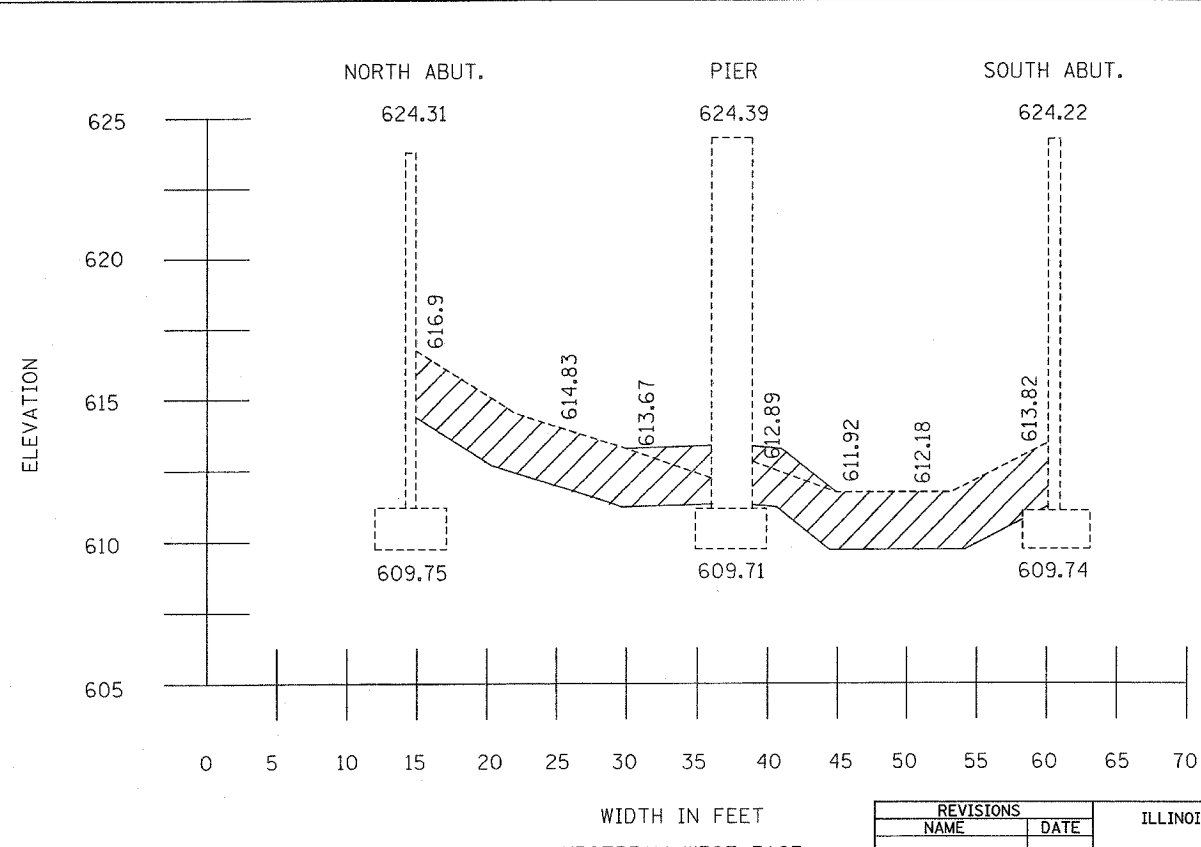
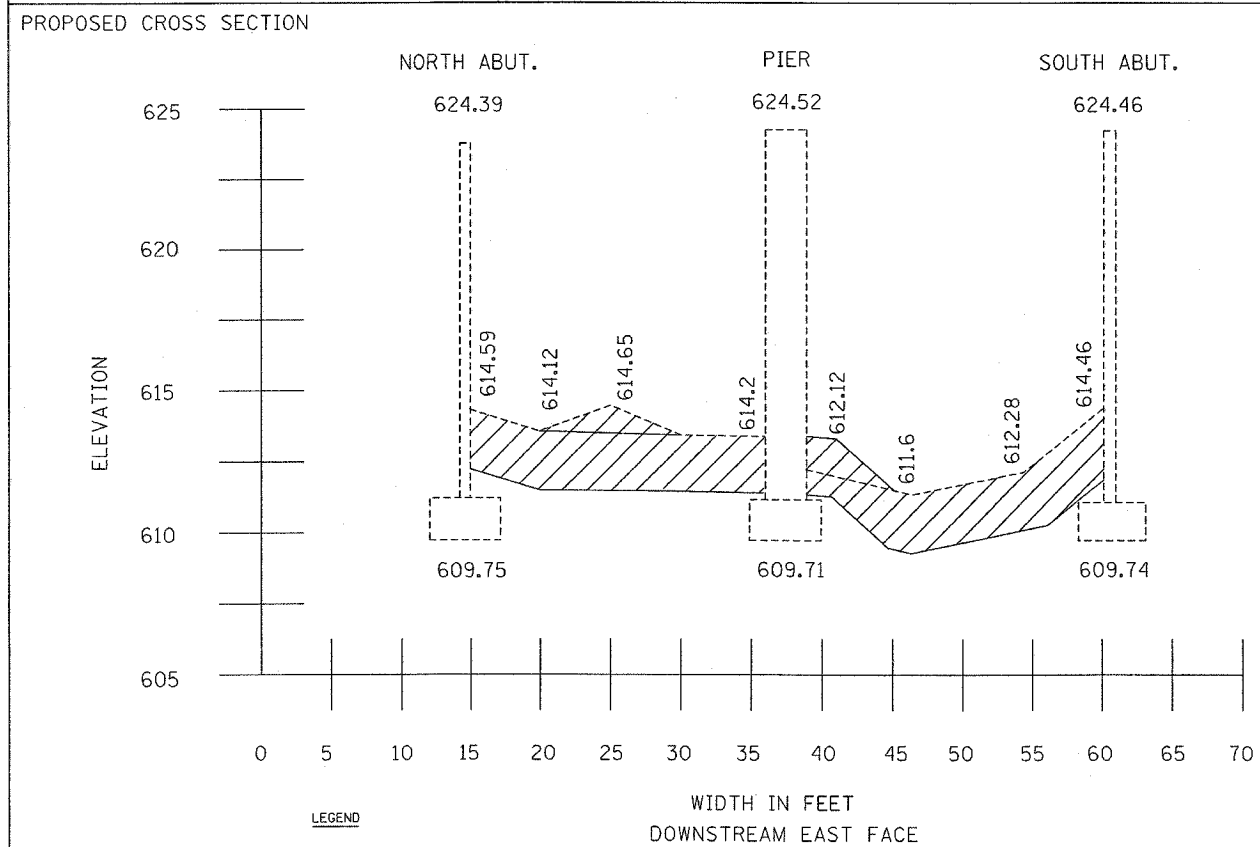
SCALE: VERT.  
DATE: HORIZ.

DRAWN BY  
CHECKED BY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2003-067I	VARIOUS	27	20
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



EXISTING CROSS SECTION



**LEGEND**

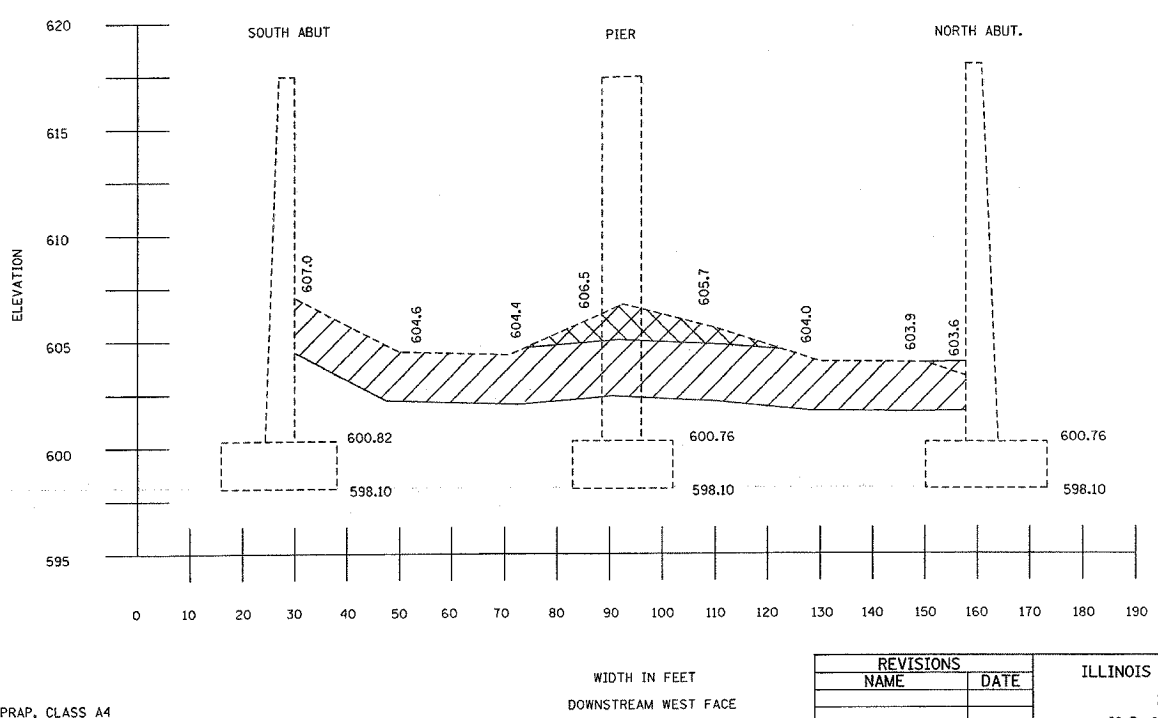
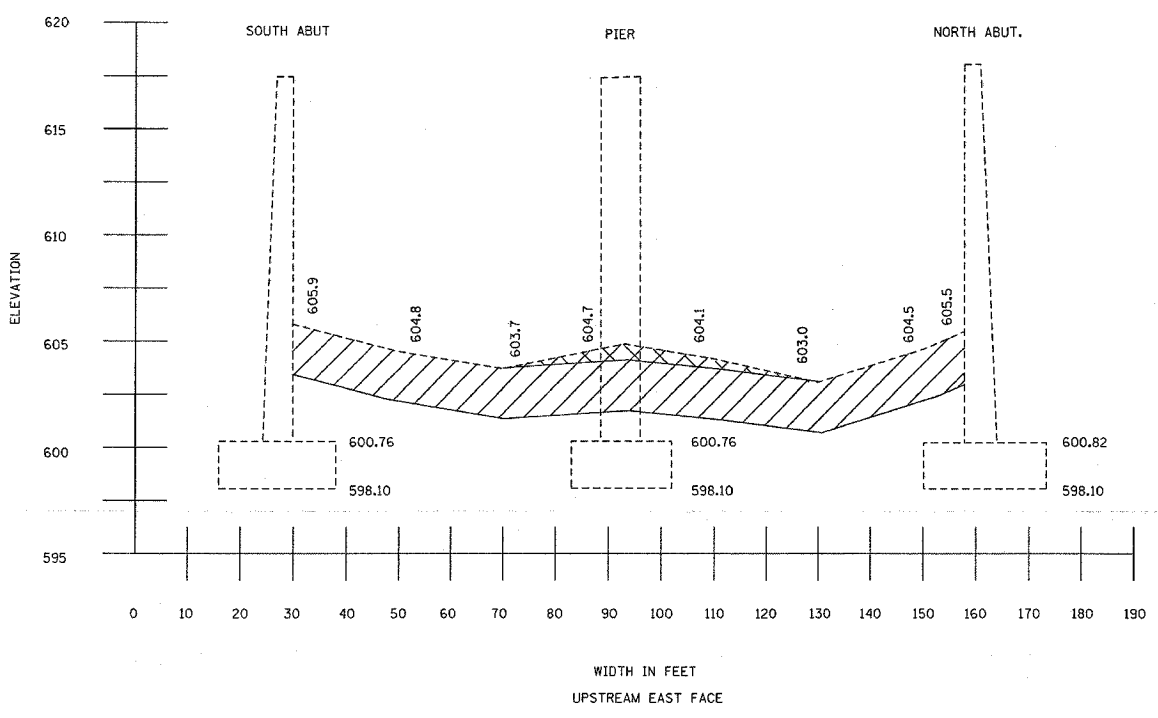
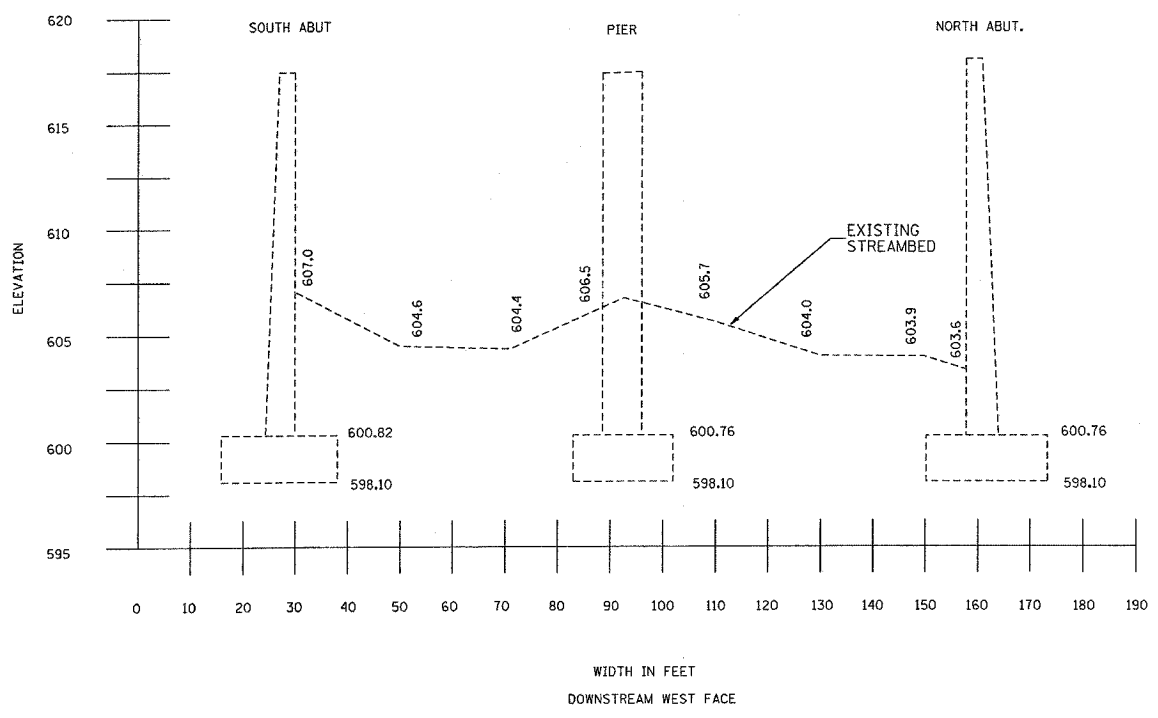
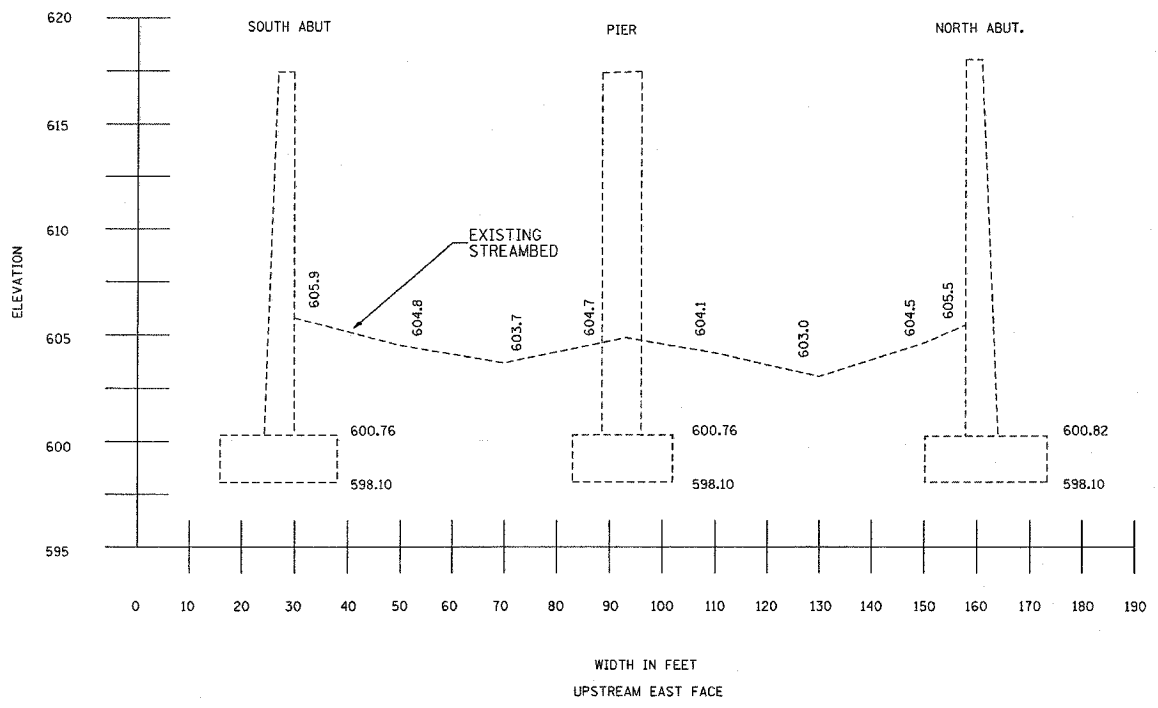
	- STONE RIPRAP, CLASS A4
	- REMOVAL



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**STR. NO. 016-0307**  
**IL. 43 WAUKEGAN RD. OVER**  
**THE WEST FORK OF THE NORTH**  
**BRANCH OF THE CHICAGO RIVER**  
**LOCATION 2**  
**CROSS SECTION**

SCALE: VERT.    DRAWN BY  
 HORIZ.        CHECKED BY  
 DATE 5/12/2006

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2003-0671	VARIOUS	27	21
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



- LEGEND**
-  - STONE RIPRAP, CLASS A4
  -  - REMOVAL

REVISIONS	
NAME	DATE

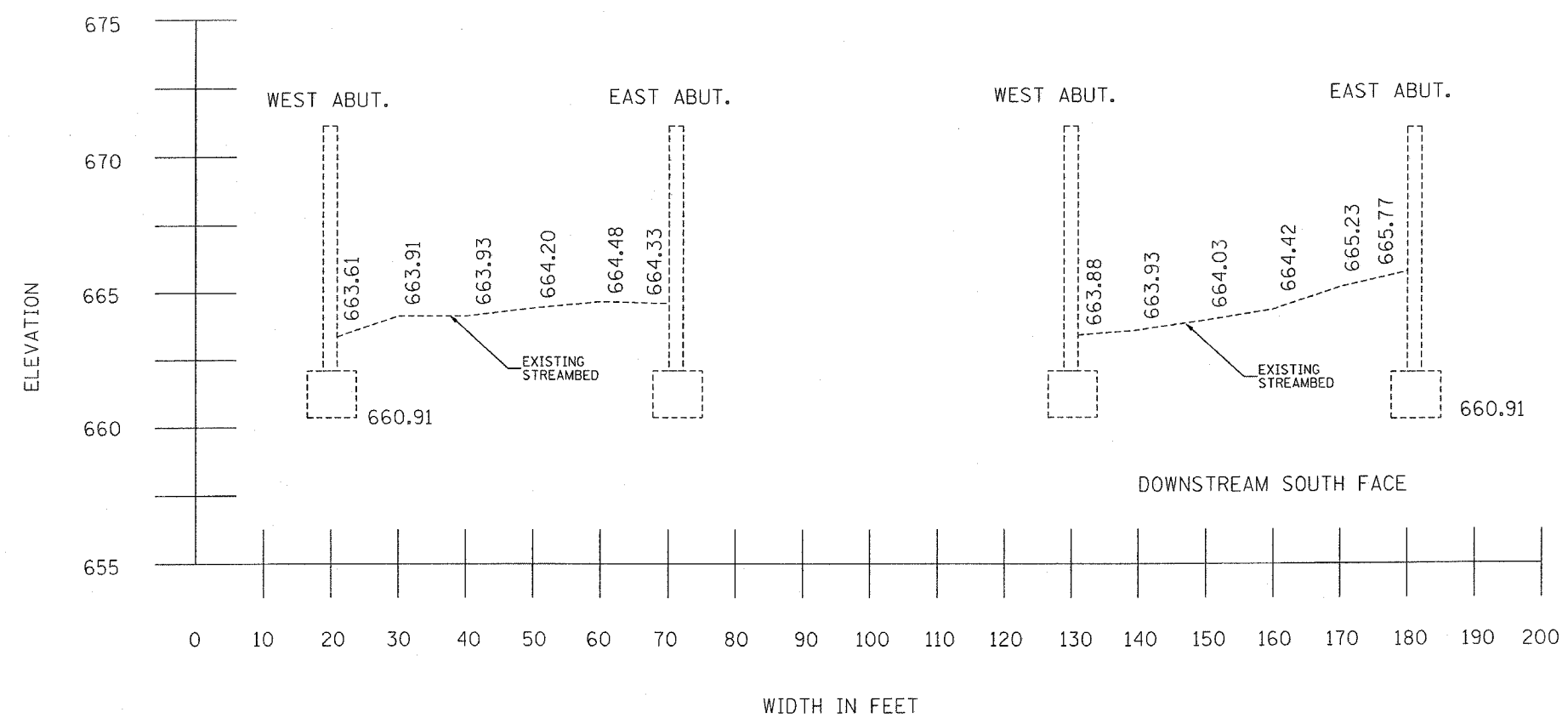
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**STR. NO. 056-0028**  
**U.S. 14 (CALDWELL AVENUE)**  
**OVER THE NORTH BRANCH**  
**OF THE CHICAGO RIVER**  
**LOCATION 3**  
**CROSS SECTION**

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_

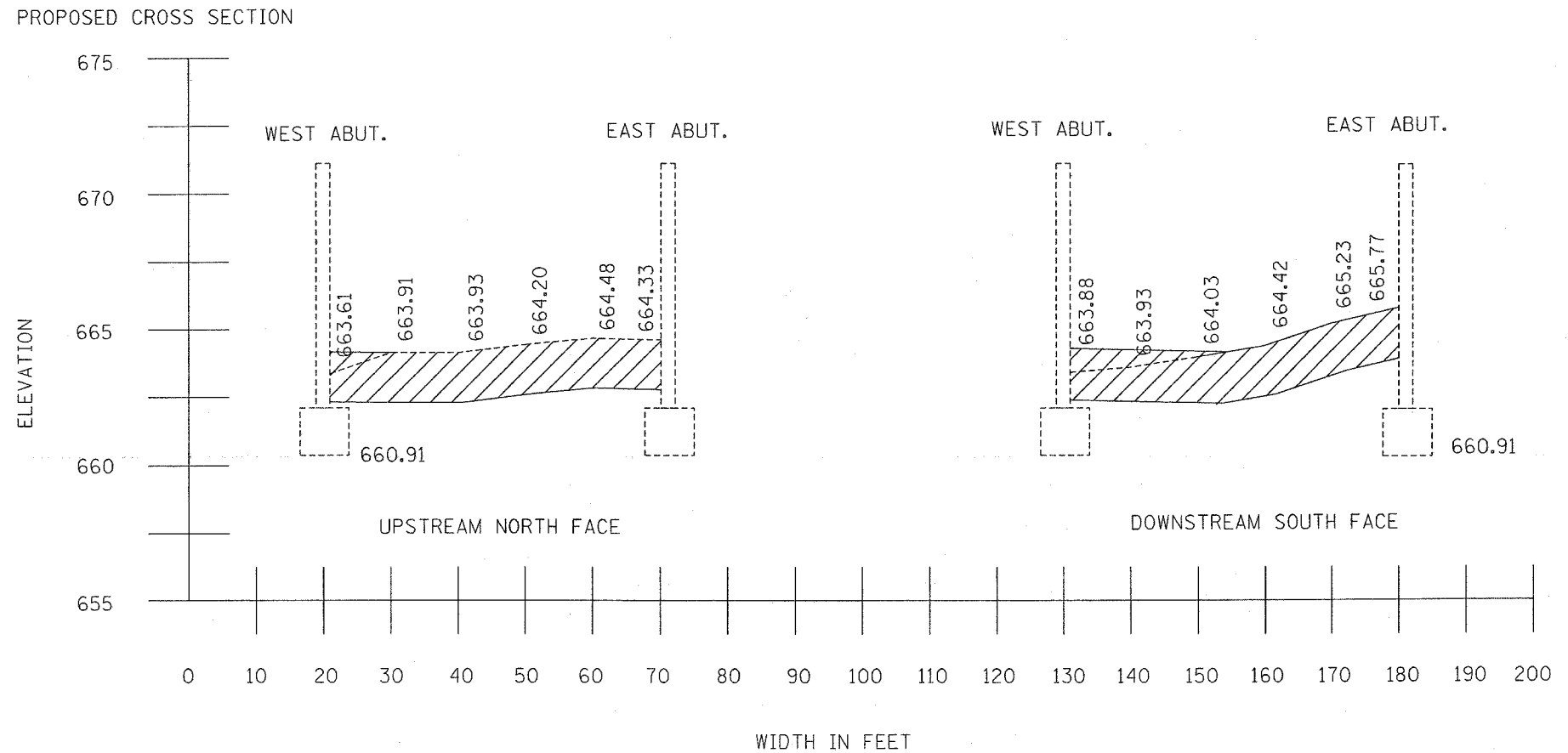
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2003-0671	VARIOUS	27	22
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



EXISTING CROSS SECTION



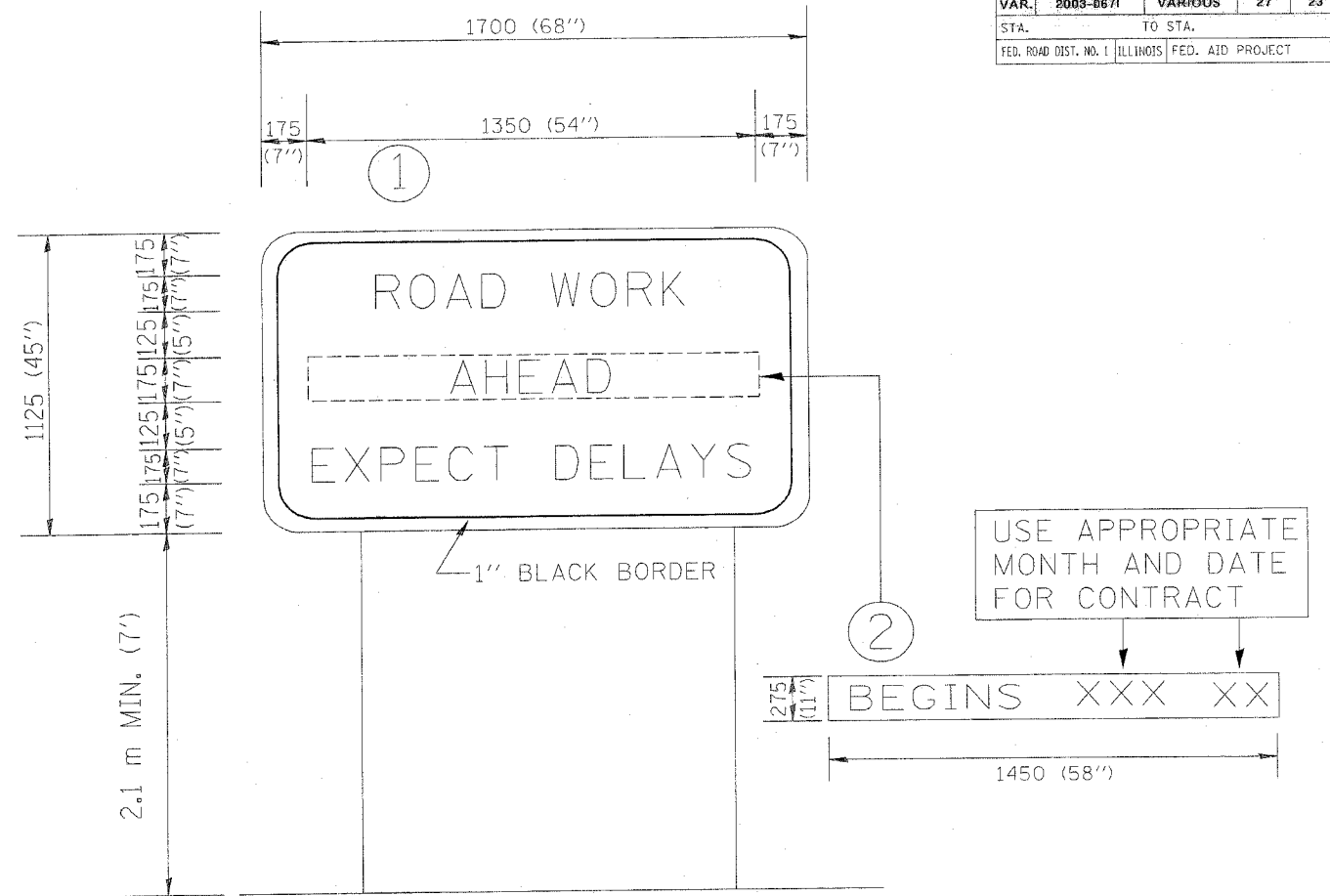
LEGEND  
 - STONE RIPRAP, CLASS A4

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**STR. NO. 049-0013**  
**IL 176 OVER THE**  
**EAST SKOKIE DITCH**  
**LOCATION 4**  
**CROSS SECTION**  
 SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE \_\_\_\_\_ DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2003-0671	VARIOUS	27	23
STA.	TO STA.			
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 2.3 SQ. M. (25.70 SQ. FT.)

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

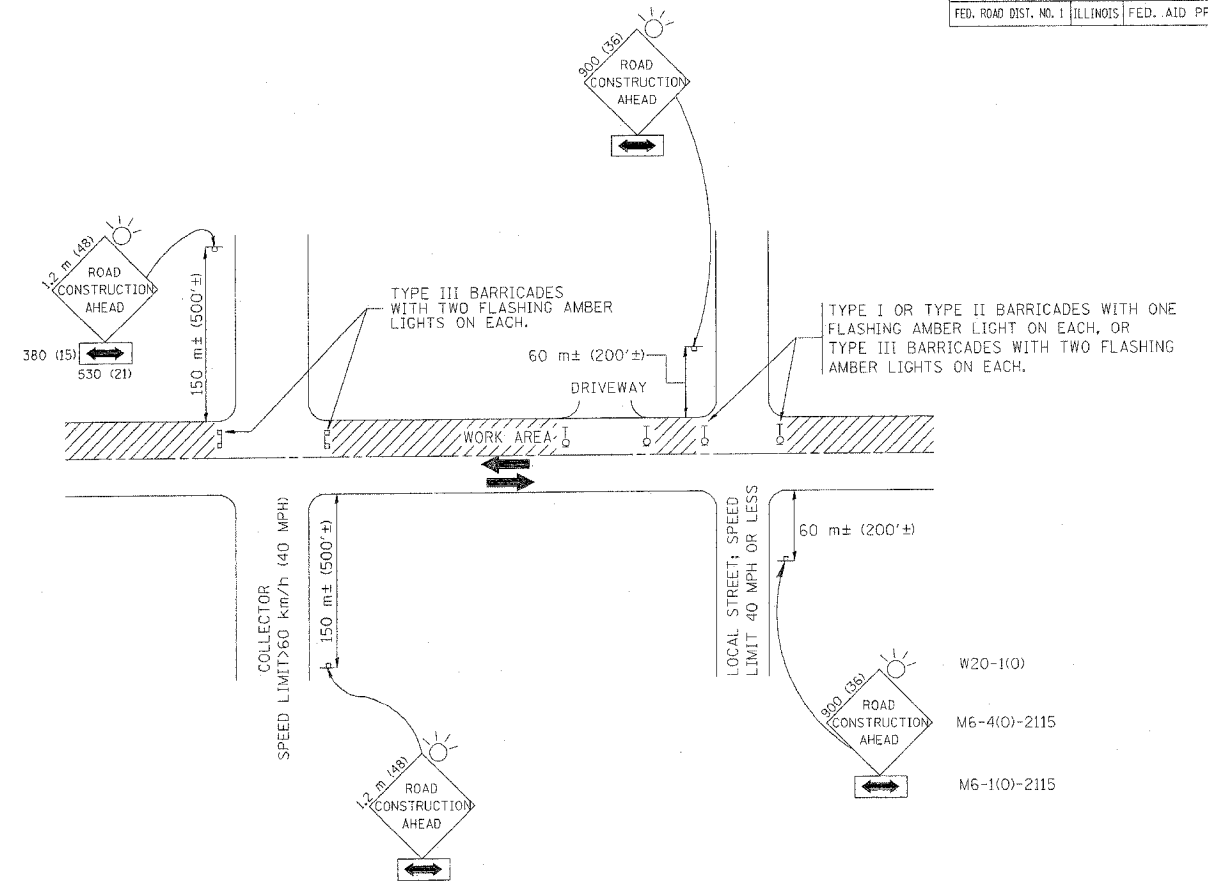
REVISIONS	
NAME	DATE
R. MIRS	9-15-97
R. MIRS	12-11-97
T. RAMMACHER	2-2-99

ILLINOIS DEPARTMENT OF TRANSPORTATION  
TEMPORARY INFORMATION SIGNING

SCALE: DATE 10/18/2002 DRAWN BY: BUR. OF DESIGN CHECKED BY:

TC22  
REVISION DATE: 02/02/99

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2003-0671	VARIOUS	27	24
STA.	TO STA.			
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 60 km/h (40 MPH) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - ONE **ROAD CONSTRUCTION AHEAD** SIGN 900x900 (36x36) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 60 m (200') 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 60 km/h (40 MPH) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - ONE **ROAD CONSTRUCTION AHEAD** SIGN 1.2 m x 1.2 m (48x48) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 150 m (500') 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.

REVISIONS	
NAME	DATE
LHA	6/89
T. RAMMACHER	09/08/94
J. OBERLE	10/18/95
A. HOUSEH	03/06/96
A. HOUSEH	10/15/96
T. RAMMACHER	01/06/00

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE 10/18/2002

DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_  
 TC-10

REVISION DATE: 01/06/00



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2003-0671	VARIOUS	27	25
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

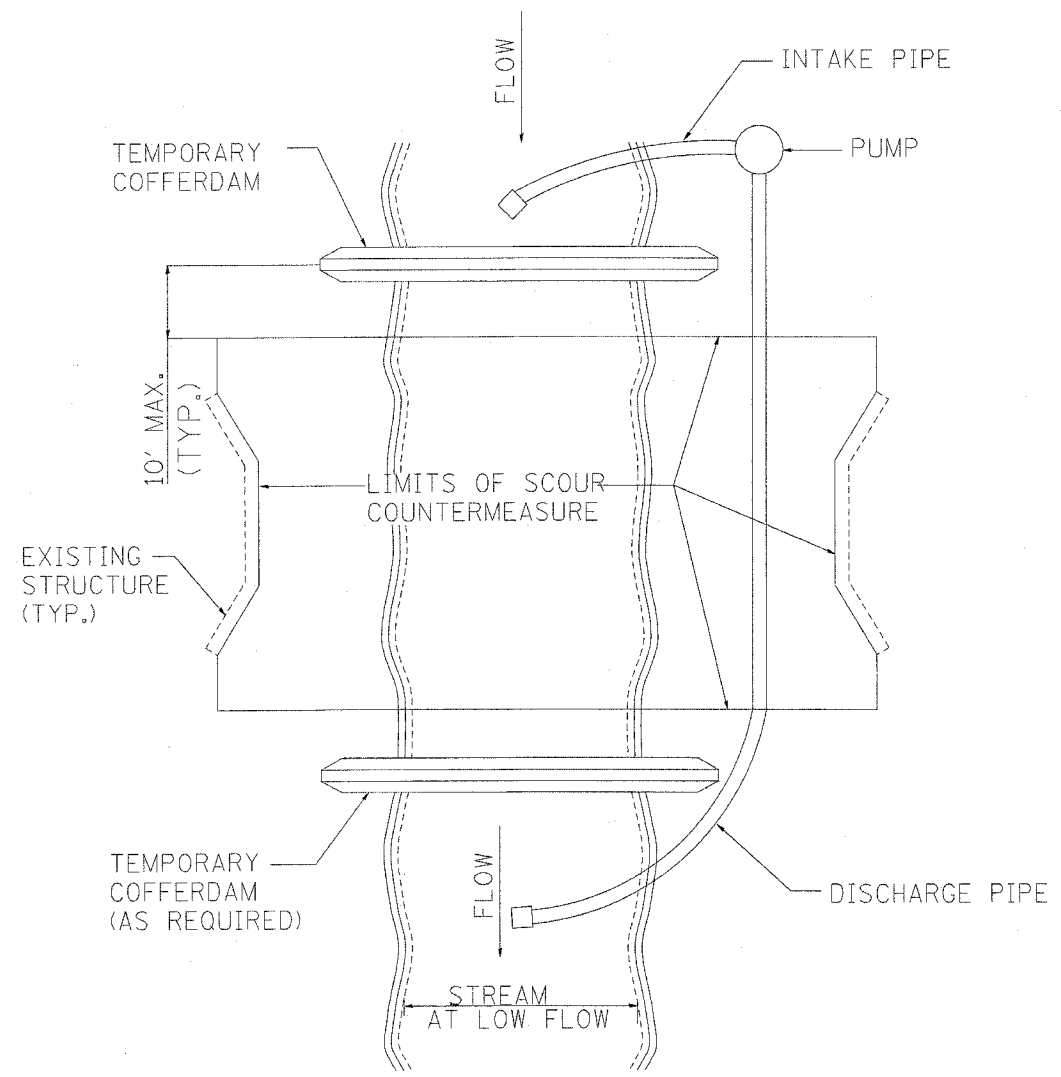


FIGURE D1. TEMPORARY COFFERDAM WITH PUMP BYPASS

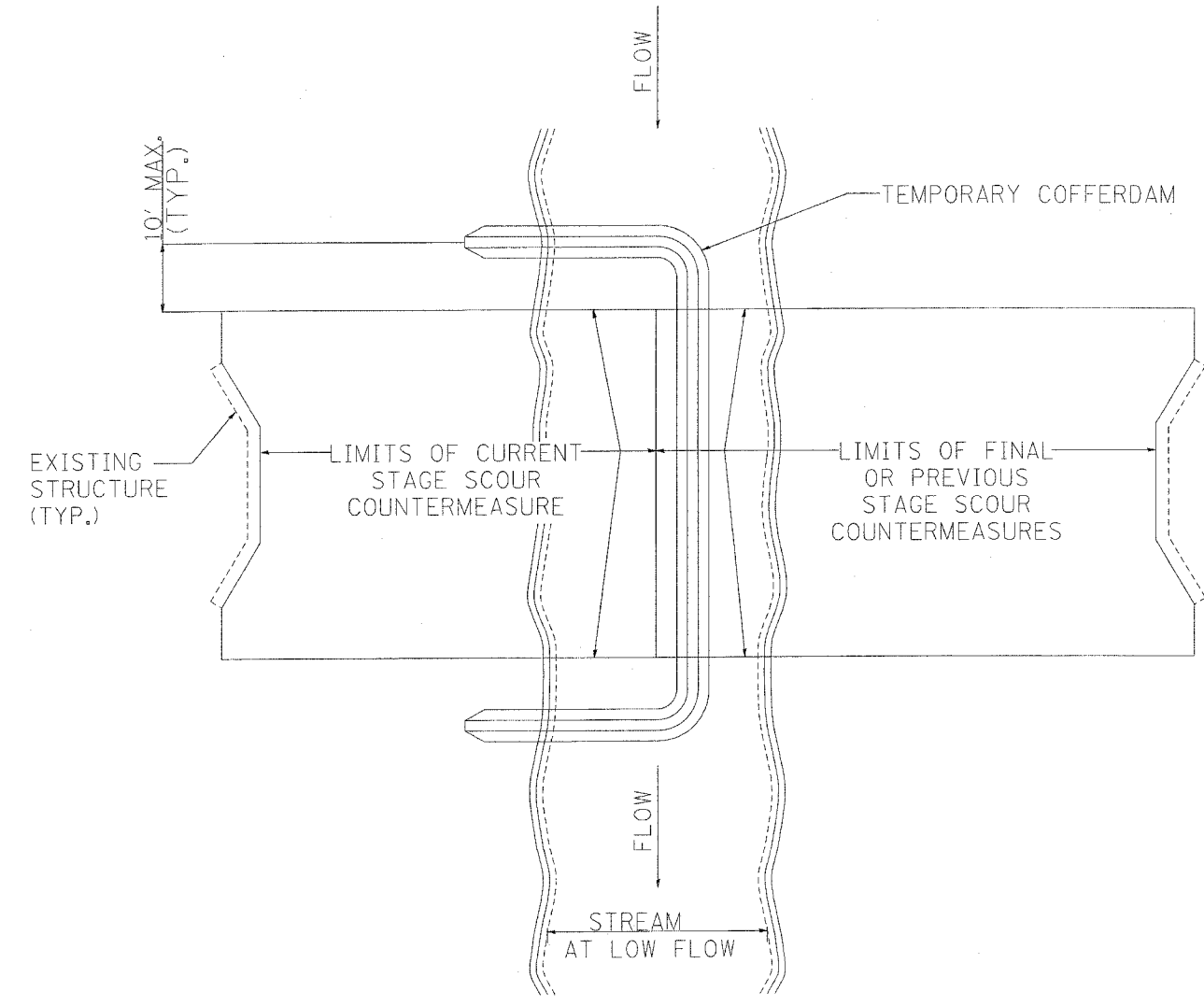


FIGURE D2. STAGED IN-STREAM COFFERDAM DIVISION

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

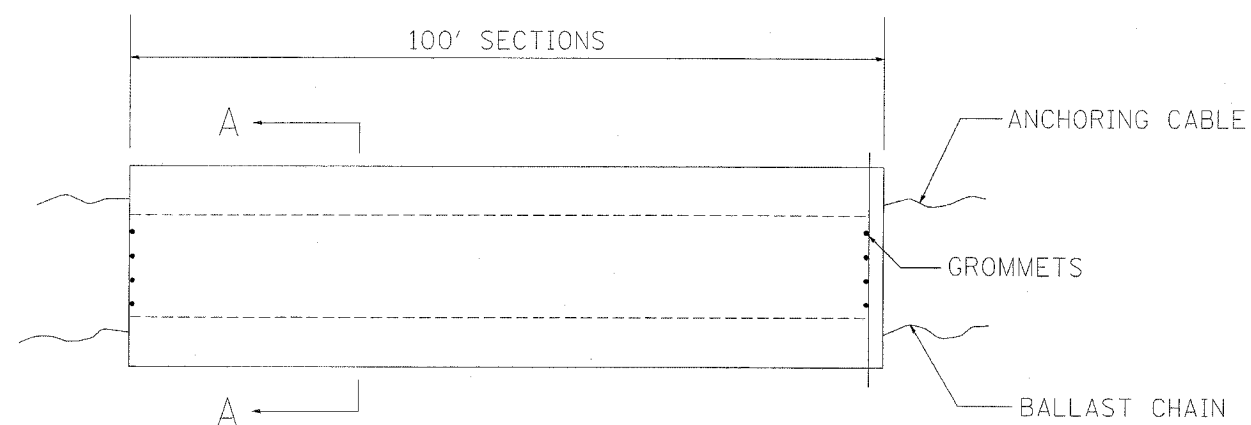
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		DEWATERING SYSTEM DETAILS VARIOUS ROUTES VARIOUS COUNTIES

SCALE: VERT. HORIZ. DATE 5/12/2006 DRAWN BY CHECKED BY

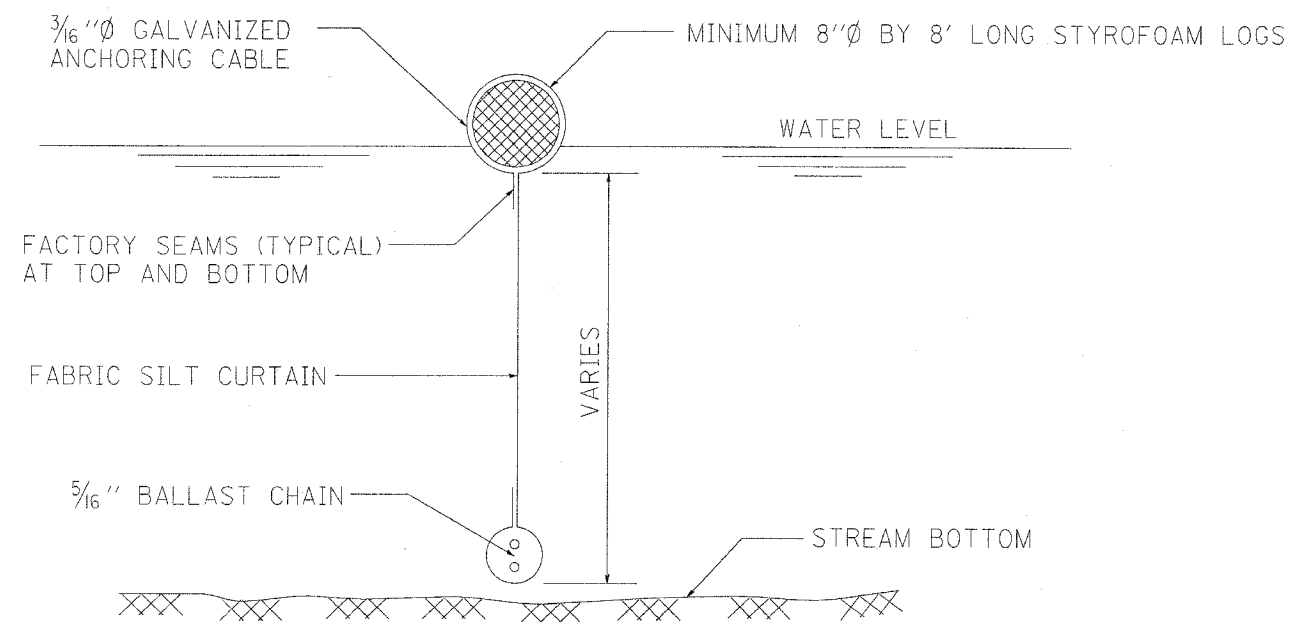
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REFERENCE = REF#

5/12/2006  
c:\projects\adistat\main\dewatering.dgn  
sm1tk1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2003-0671	VARIOUS	27	26
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



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.

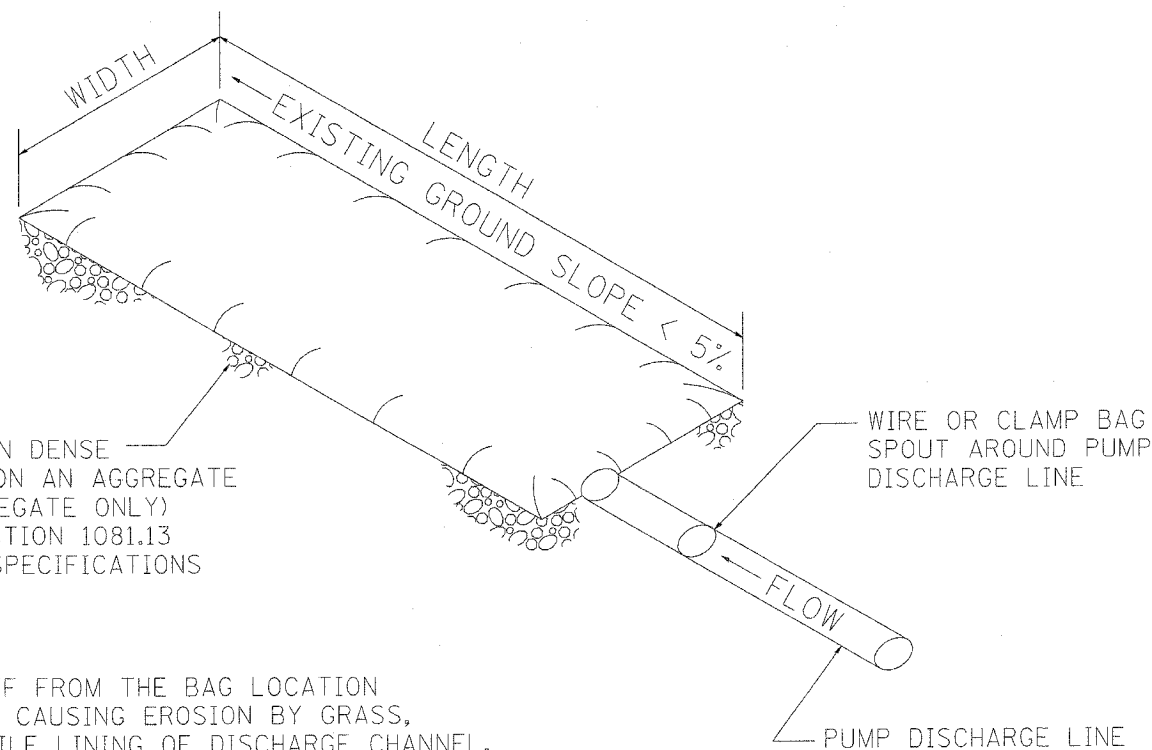
APPLICATION: FLOTATION BOOMS TO BE USED TO CONTROL EROSION, TURBIDITY AND DEBRIS WHEN WORKING IN WATERWAYS.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		DEWATERING SYSTEM DETAIL FLOTATION BOOM DETAIL
SCALE: VERT.      DRAWN BY		CHECKED BY
DATE 5/12/2006      HORIZ.		

PLOT DATE = 5/12/2006  
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 REFERENCE = #REF#

5/12/2006  
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 smith

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2003-0671	VARIOUS	27	27
STA.	TO STA.			
FED. ROAD DIST. NO.	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 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.

PLOT DATE = 5/12/2006  
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 PLOT SCALE = 49.9999 / IN.  
 REFERENCE = REF#

5/12/2006  
 c:\projects\diststd\mainf\dewatering.dgn  
 sm11k1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DEWATERING SYSTEM DETAILS  
 VARIOUS ROUTES  
 VARIOUS COUNTIES

SCALE: VERT.  
 HORIZ.  
 DATE 5/12/2006

DRAWN BY  
 CHECKED BY