

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	2003-0671	COOK & LAKE	23	1

CONTRACT NO. 62635

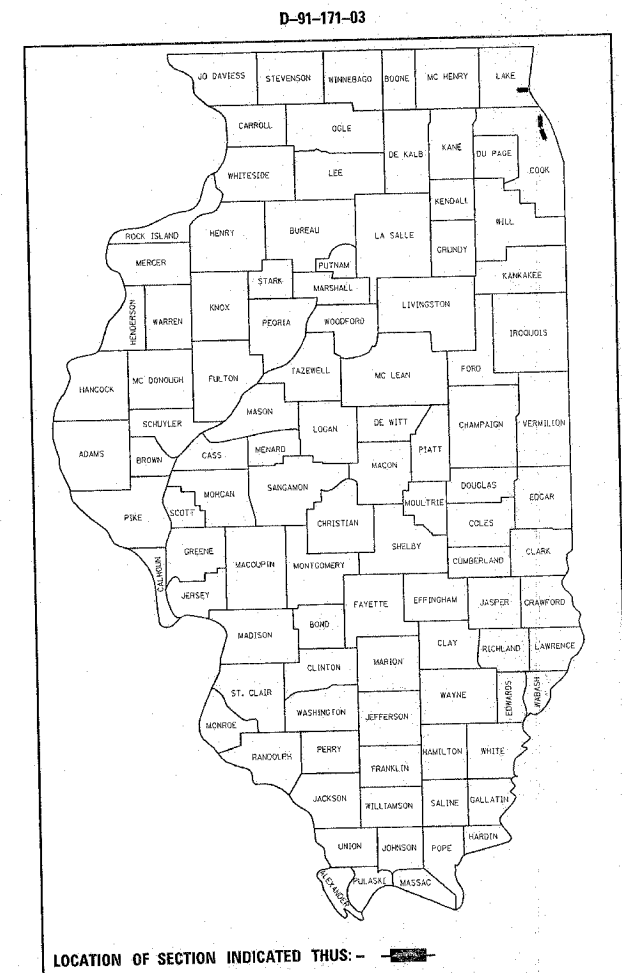
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

**PROPOSED
 HIGHWAY PLANS**

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

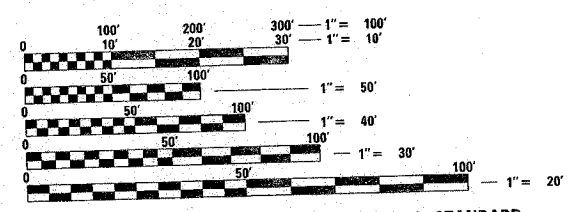
FOR INDEX OF SHEETS, SEE SHEET NO. 2
 FOR LOCATION MAPS, SEE SHEET NO. 4

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



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

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



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

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED October 25 2006

Diane O'Keefe / cd
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

December 8, 2006
Eric E. Hawk
 INTERIM ENGINEER OF DESIGN AND ENVIRONMENT

December 8, 2006
Milton R. Sear, P.E.
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS

CONTRACT NO. 62635

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2003-0671	VARIOUS	23	2
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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- 21-23 DEWATERING

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
702001-00	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 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.

COMMITMENTS

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 1FQ0110PE. 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.

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REVISIONS	
NAME	DATE

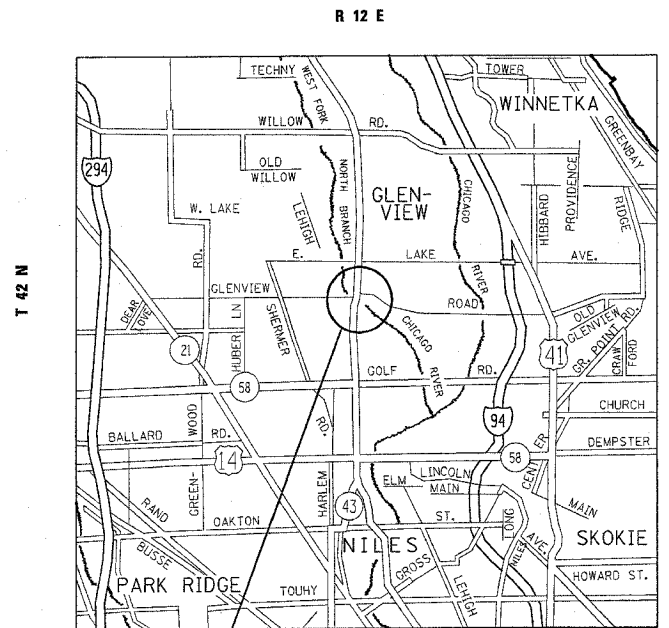
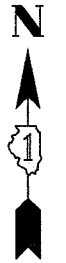
ILLINOIS DEPARTMENT OF TRANSPORTATION

**INDEX OF SHEETS
STATE STANDARDS
GENERAL NOTES**

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HORIZ.
DATE

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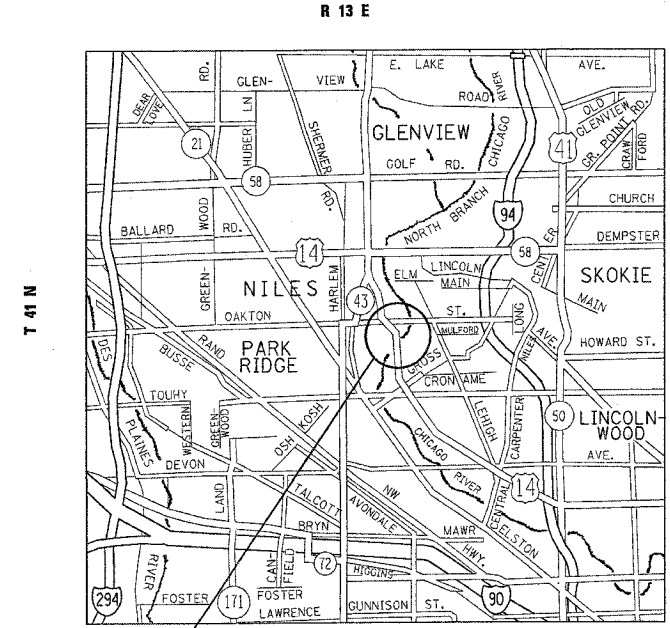
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VAR.	2003-0671	VARIOUS	23	4
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



LOCATION 1 - 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

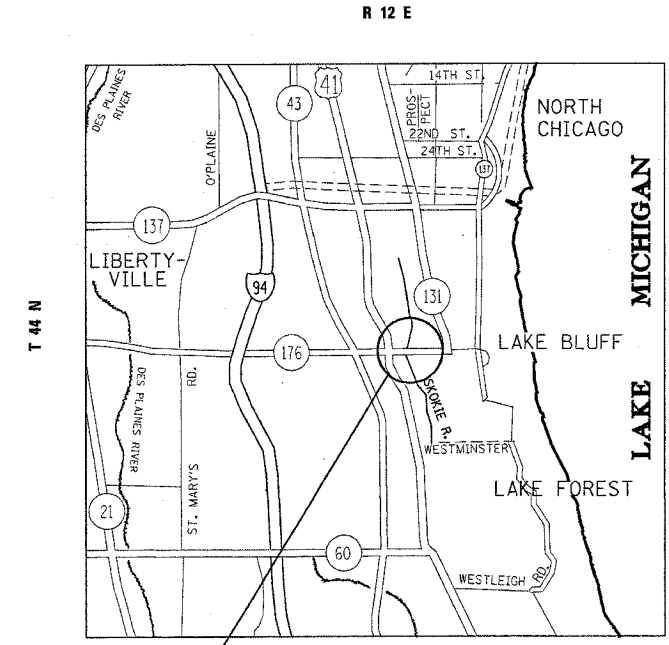
TRAFFIC DATA
SPEED LIMIT = 40 MPH
2005 ADT = 29,700



LOCATION 2 - 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 3 - 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

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NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

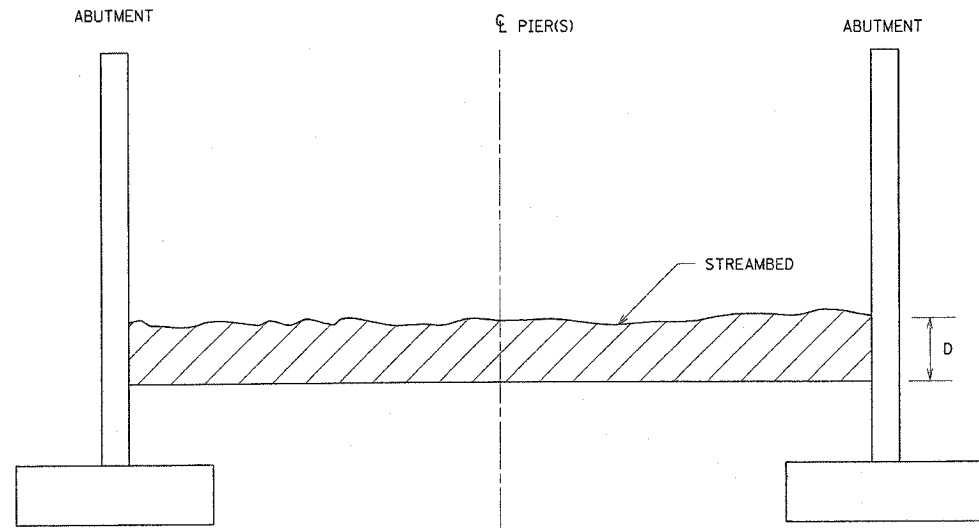
LOCATION MAPS

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HORIZ.
DATE

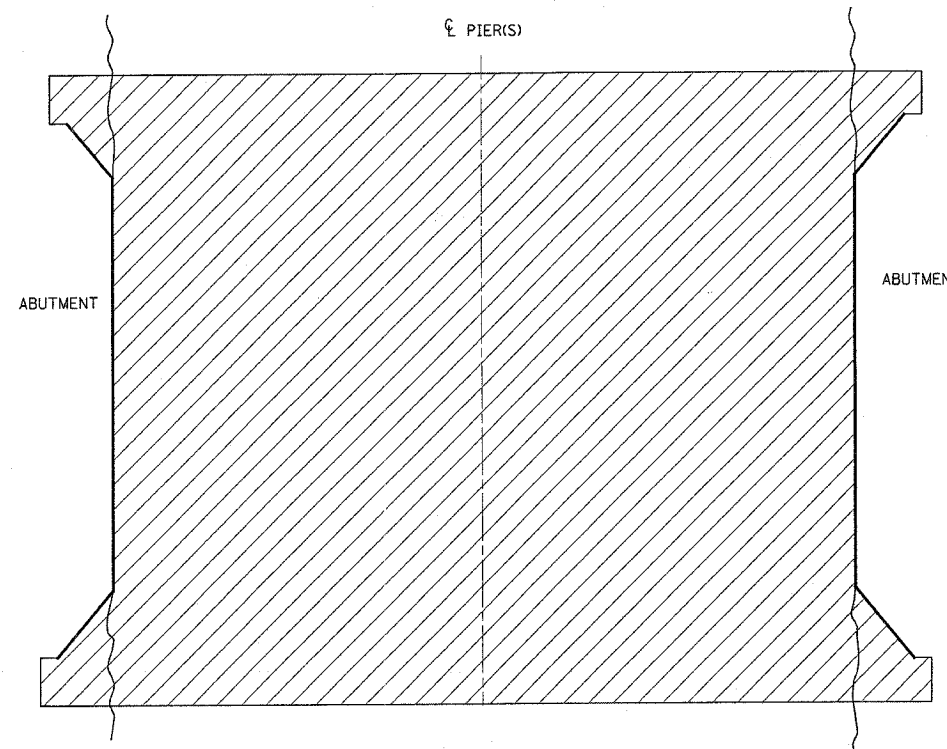
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VAR.	2003-067I	VARIOUS	23	5
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

RIPRAP PLACEMENT DETAIL, LOCATIONS 1, 2 AND 3



TYPICAL SECTION ACROSS CHANNEL



PLAN VIEW

NOTES

D = DEPTH OF THE RIPRAP

LOCATION	D	RIPRAP SIZE
1	2.3	A4
2	2.3	A4
3	2.3	A4

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

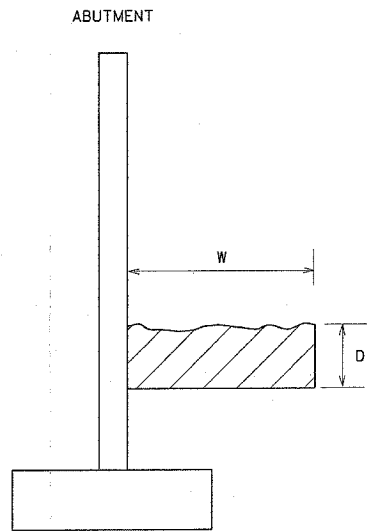
RIPRAP PLACEMENT DETAIL

SCALE: VERT.
 HORIZ.
 DATE

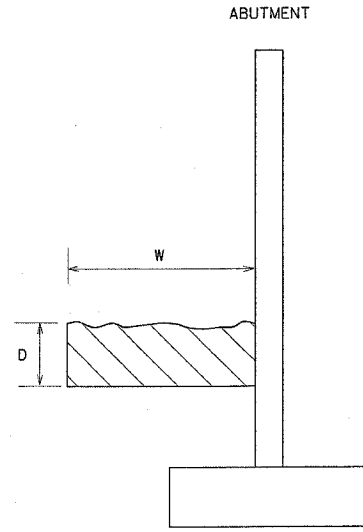
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STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

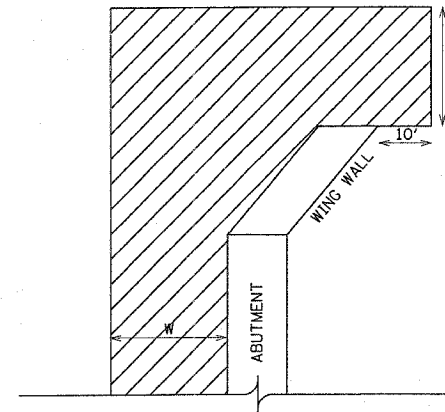
RIPRAP PLACEMENT DETAIL, LOCATION 1, 2 AND 3



TYPICAL SECTION AT ABUTMENT



TYPICAL SECTION AT ABUTMENT

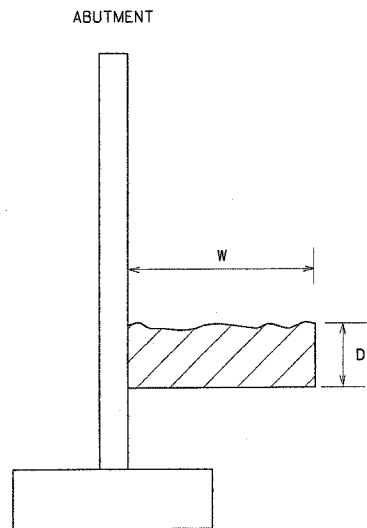


PLAN VIEW

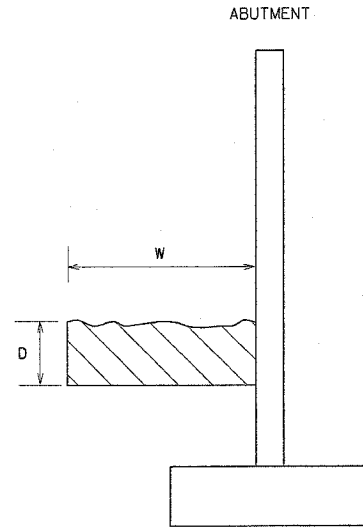
NOTES

D = DEPTH OF THE RIPRAP

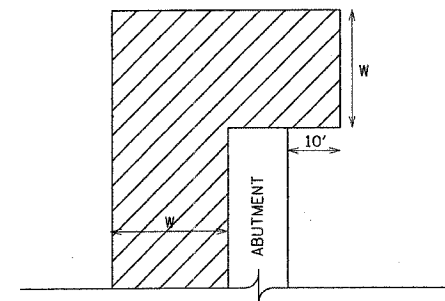
LOCATION	RIPRAP SIZE	D	W
1	A4	2.3	25
3	A4	2.3	14



TYPICAL SECTION AT ABUTMENT



TYPICAL SECTION AT ABUTMENT



PLAN VIEW

NOTES

D = DEPTH OF THE RIPRAP

LOCATION	RIPRAP SIZE	D	W
2	A4	2.3	25

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REVISIONS	
NAME	DATE

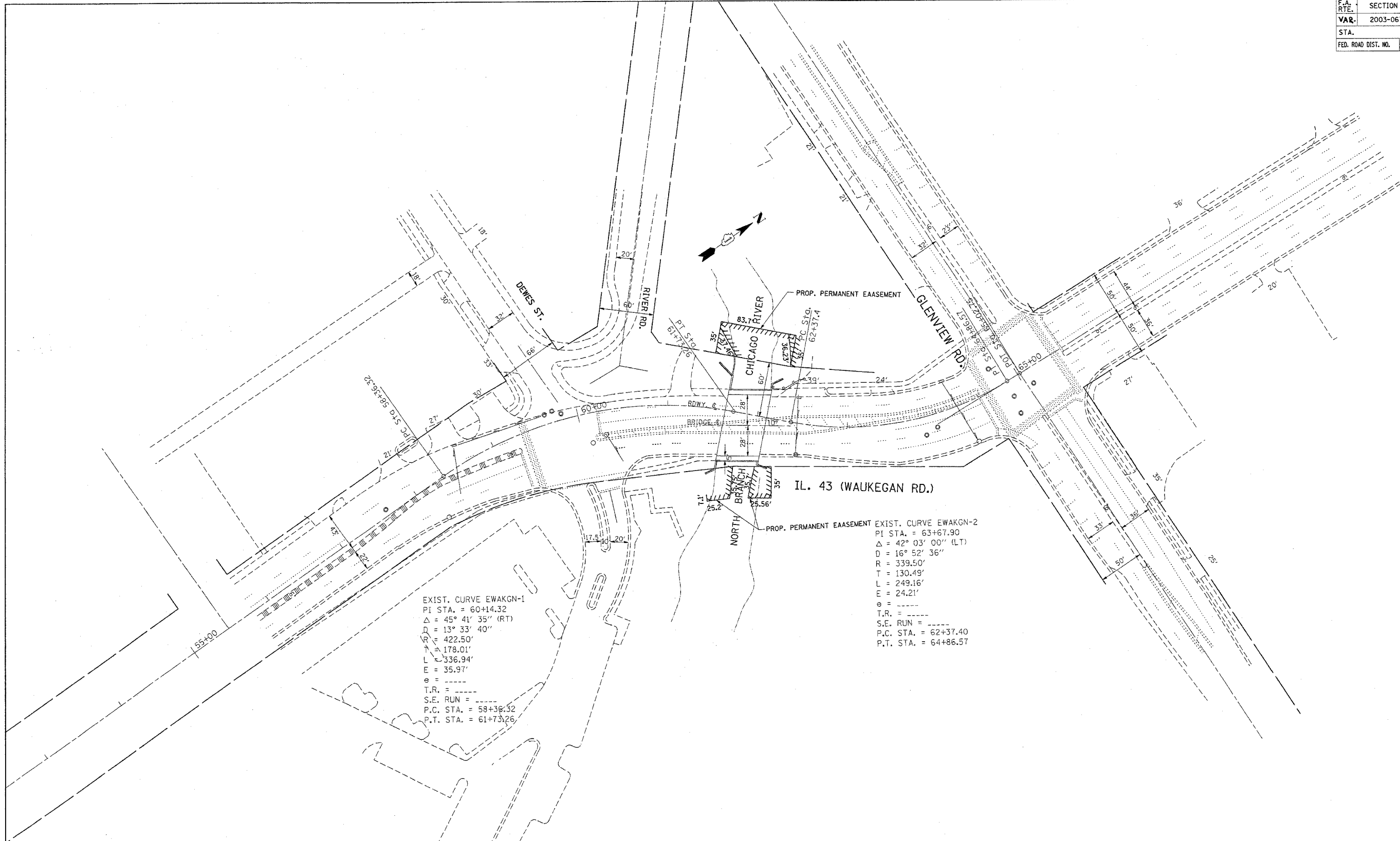
ILLINOIS DEPARTMENT OF TRANSPORTATION

RIPRAP PLACEMENT DETAIL

SCALE: VERT. / HORIZ.
 DATE

DRAWN BY / CHECKED BY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR-	2003-0671	VARIOUS	23	7
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)
 $D = 13^\circ 33' 40''$
 $R = 422.50'$
 $T = 178.01'$
 $L = 336.94'$
 $E = 35.97'$
 $\theta = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 $P.C. STA. = 58+38.32$
 $P.T. STA. = 61+73.26$

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

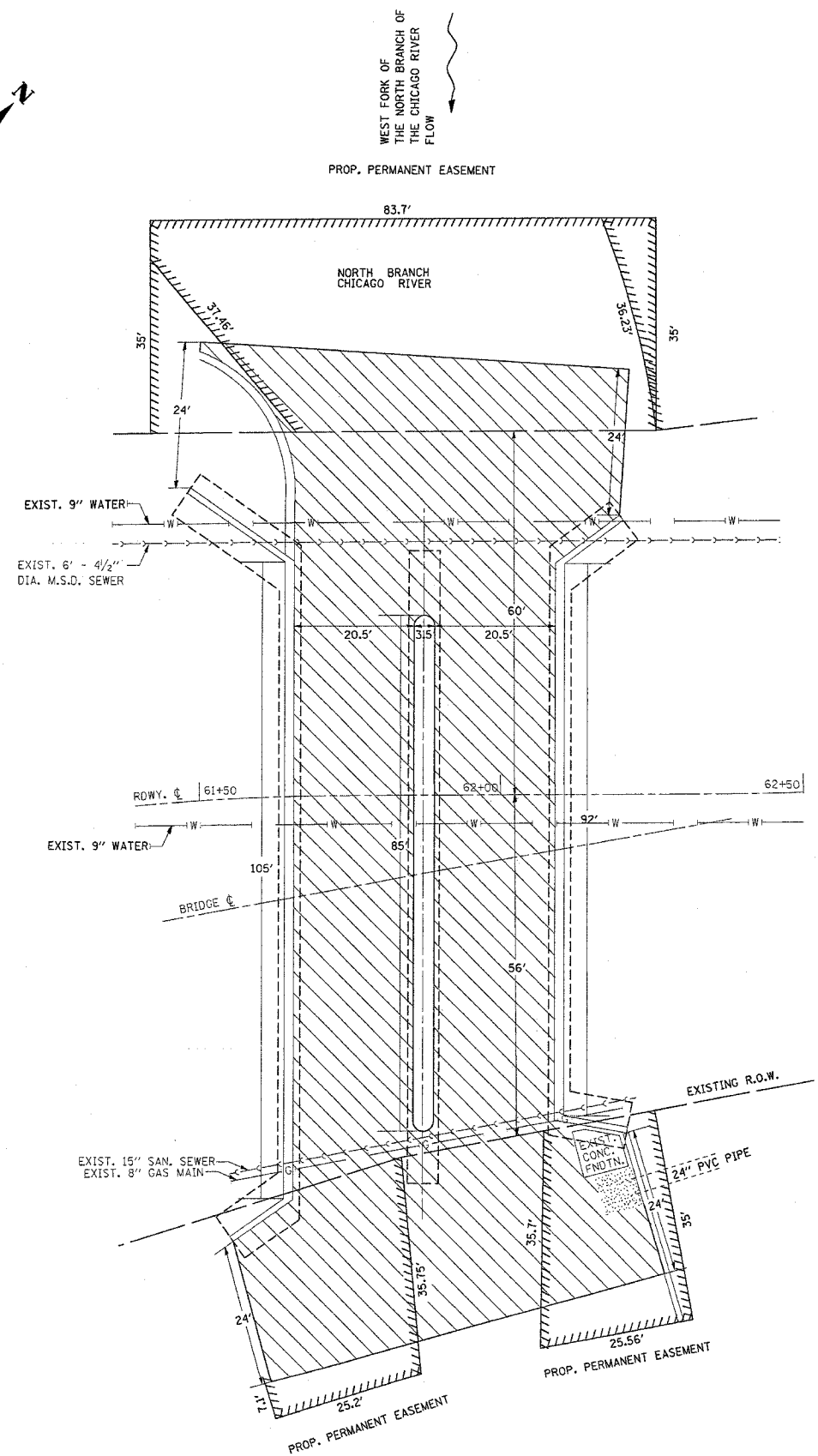
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NAME	DATE

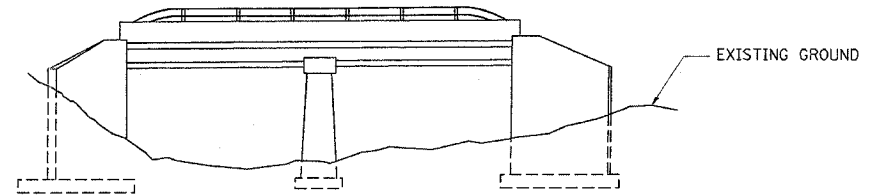
ILLINOIS DEPARTMENT OF TRANSPORTATION
STR. NO. 016-0307
IL. 43 WAUKEGAN RD. OVER
THE WEST FORK OF THE NORTH
BRANCH OF THE CHICAGO RIVER
LOCATION 1
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2003-0671	VARIOUS	23	8
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62635



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)

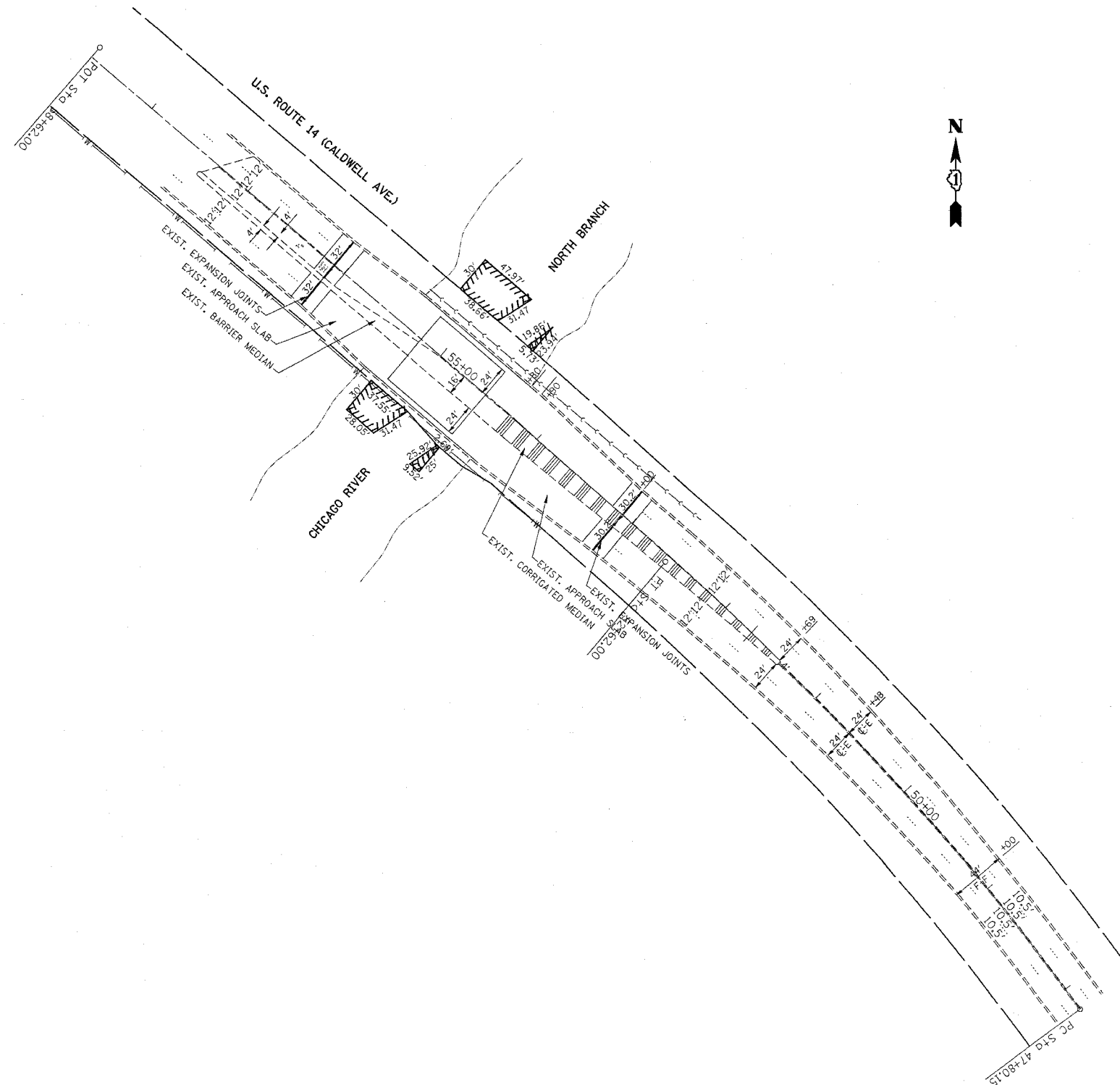
REVISIONS	
NAME	DATE

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 1

SCALE: NONE
 DATE

DRAWN BY
 CHECKED BY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2003-0671	VARIOUS	23	9
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PLOT DATE = 10/25/2006
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

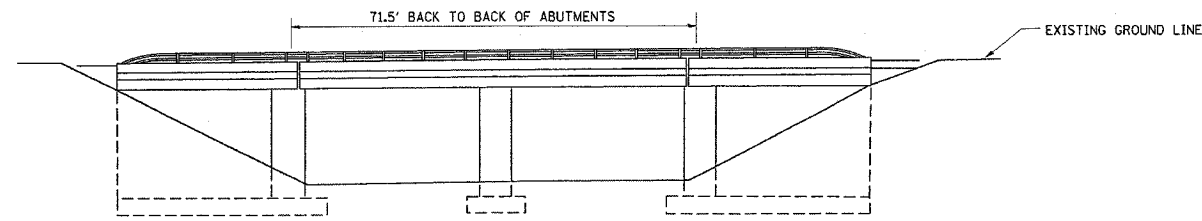
**STR. NO. 016-0928
 U.S. 14 (CALDWELL AVE.) OVER
 N. BRANCH CHICAGO RIVER
 LOCATION 2**

SCALE: VERT.
 HORIZ.
 DATE

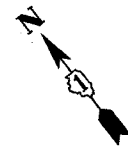
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2003-067I	VARIOUS	23	10
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62635



ELEVATION

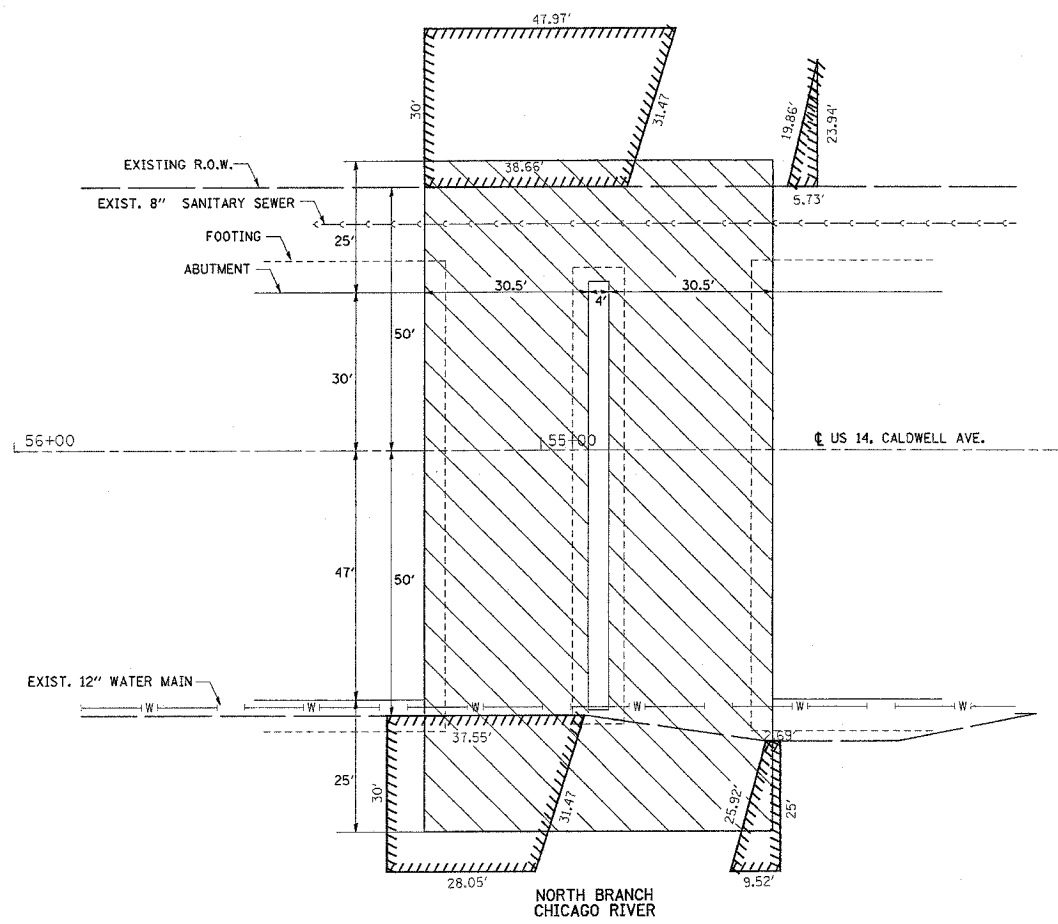


N. BR. CHICAGO RIVER FLOW

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

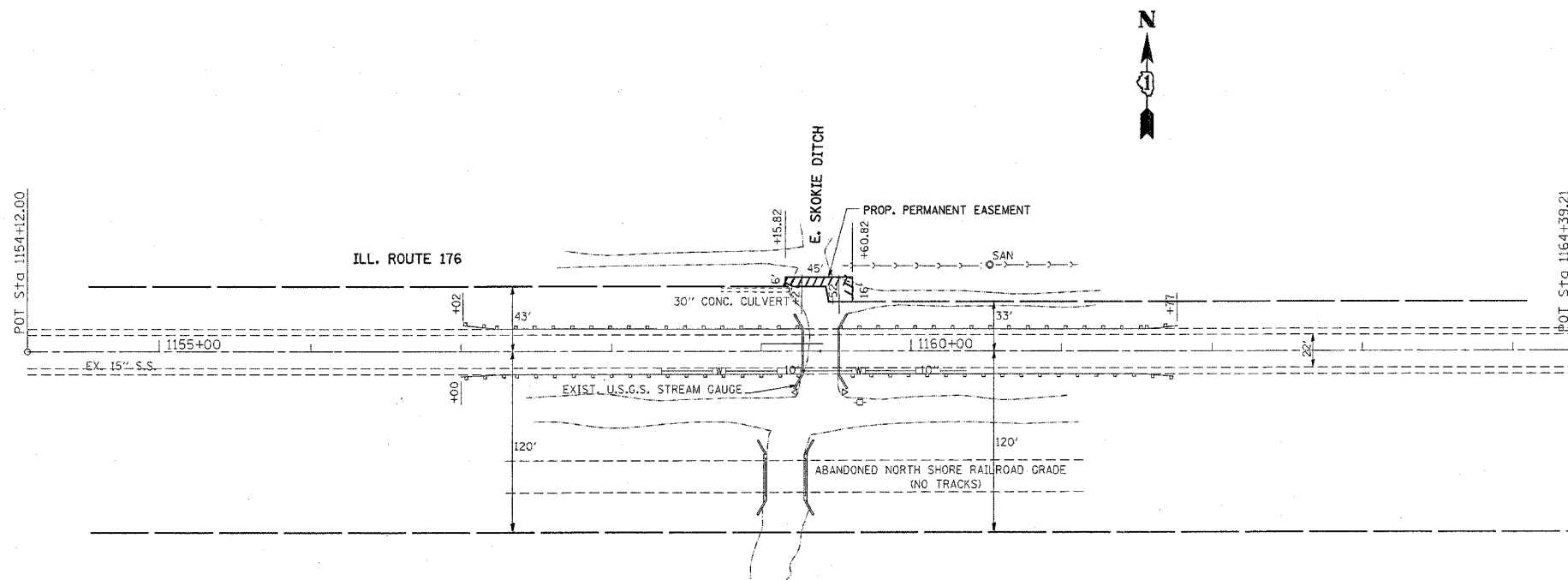


PLAN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STR. NO. 016-0928
U.S. 14 (CALDWELL AVE.) OVER
N. BRANCH CHICAGO RIVER
LOCATION 2
 SCALE: NONE
 DATE 10/25/2006
 DRAWN BY
 CHECKED BY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2003-067E	VARIOUS	23	11
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

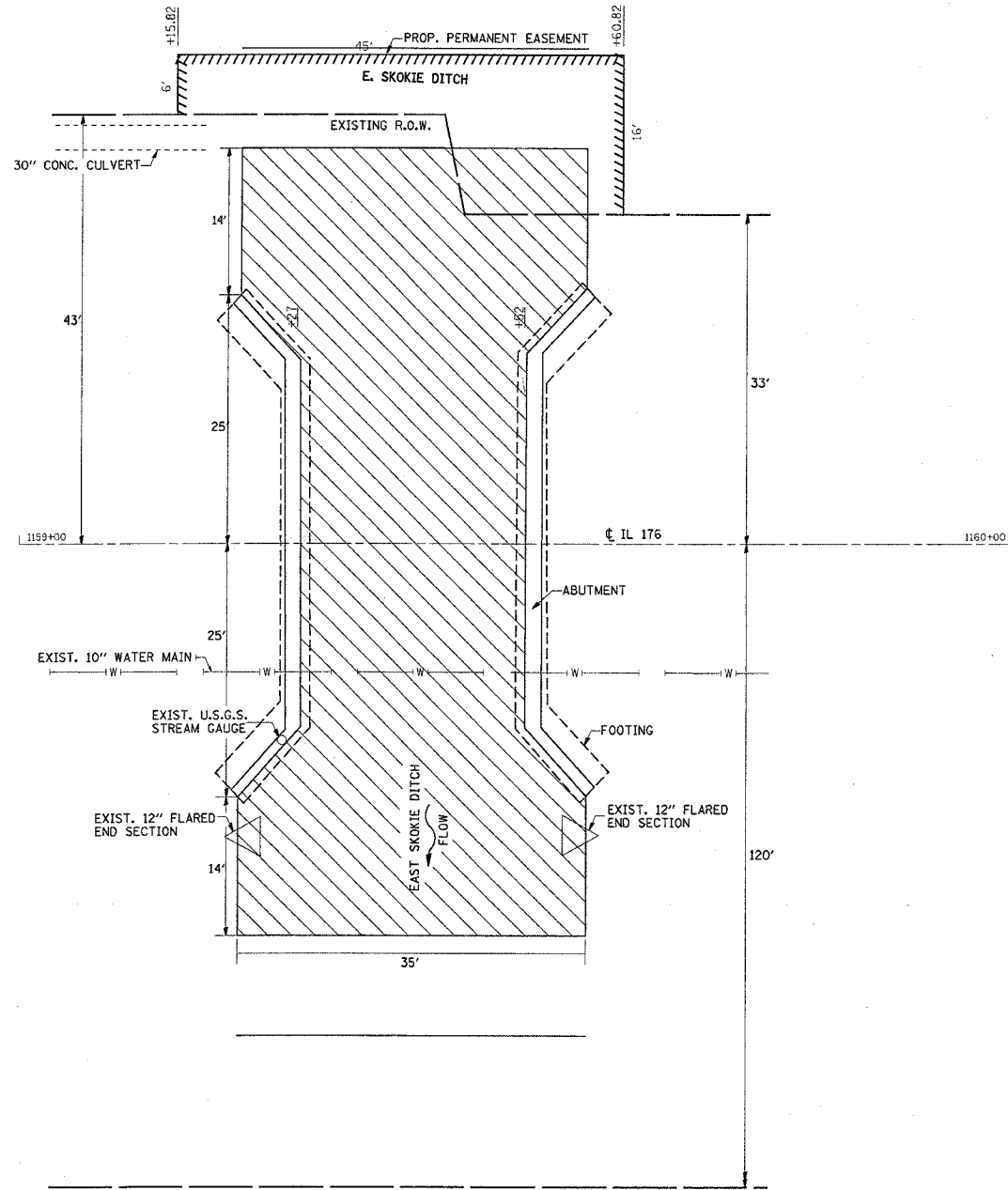
STR. NO. 049-0013
IL 176 OVER
THE EAST SKOKIE DITCH
LOCATION 3

SCALE: VERT. _____
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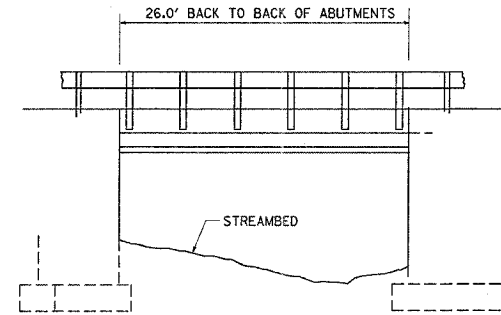
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2003-067I	VARIOUS	23	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

62635



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 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 3**

SCALE: NONE
DATE 10/25/2006

DRAWN BY
CHECKED BY

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

CONTRACT NO. 62935

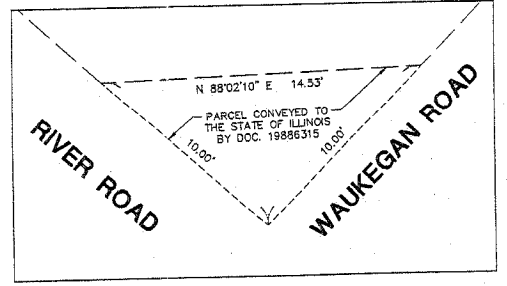
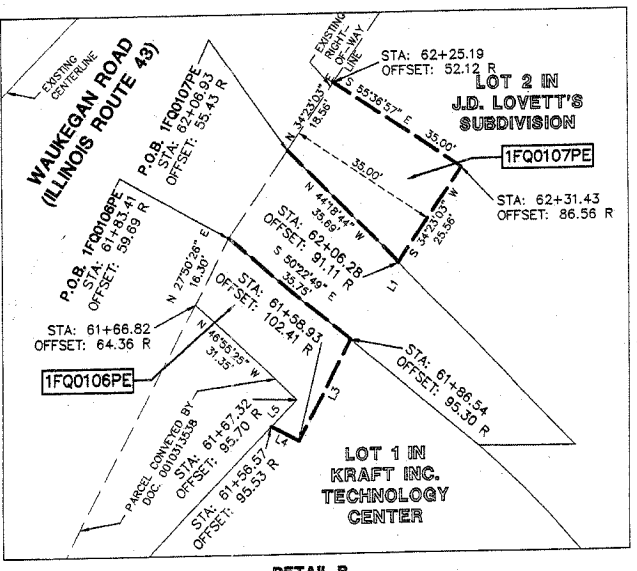
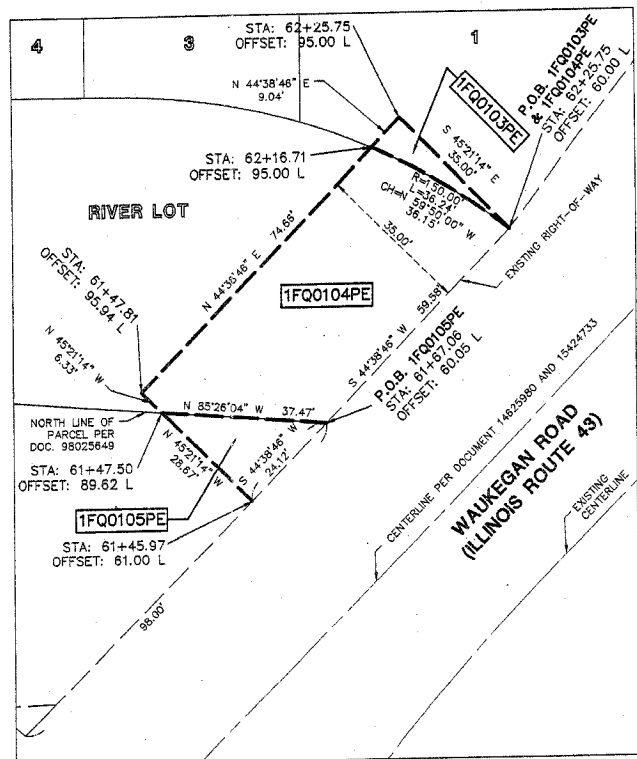
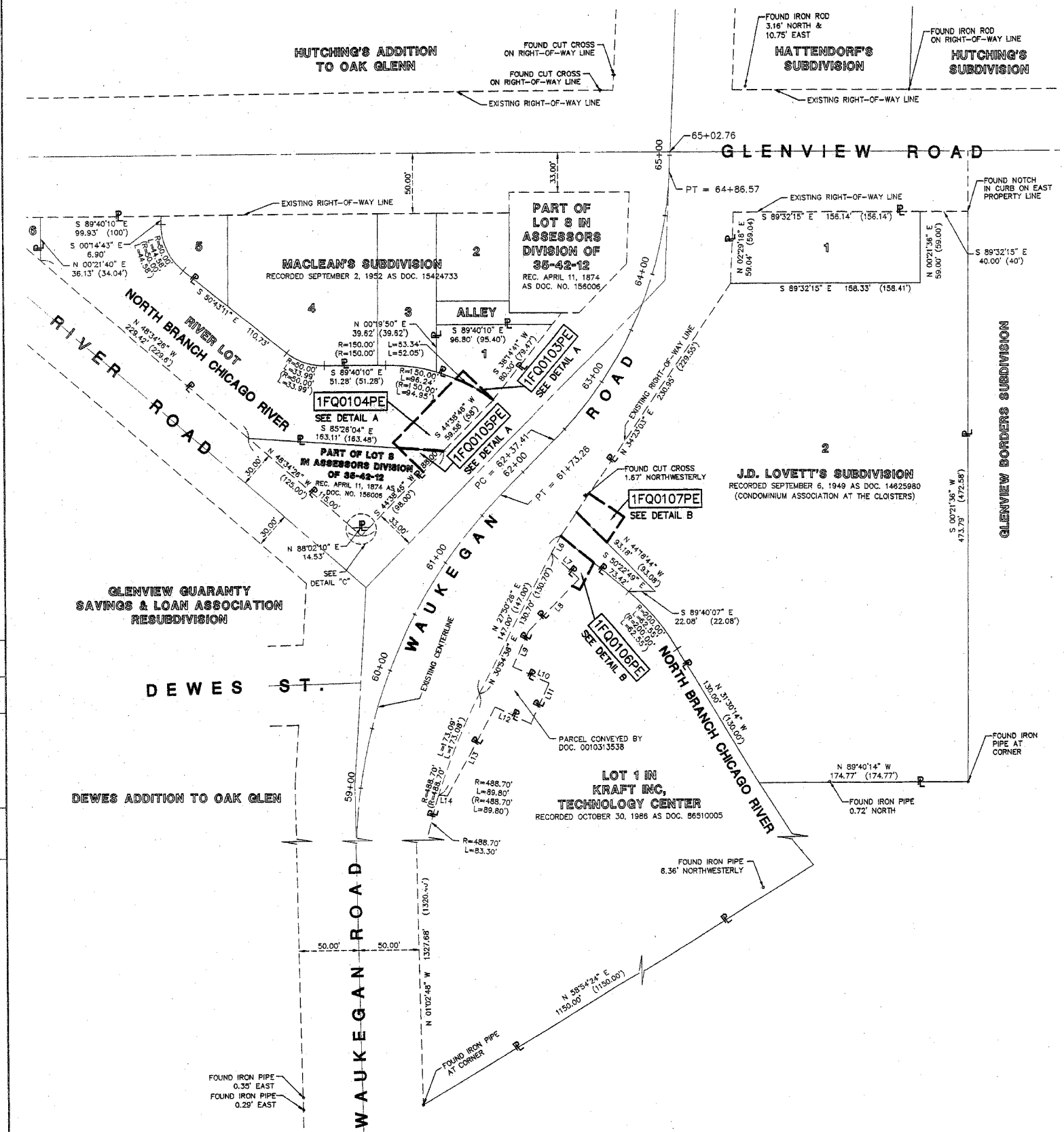
PARCEL No.	OWNER	TOTAL HOLDINGS (ACRES)	PART TAKEN (ACRES)	PREVIOUSLY DEDICATED (ACRES)	REMAINDER	EASEMENT AREA (ACRES)	PERMANENT INDEX NUMBER	PURPOSE OF EASEMENT	ACQUIRED BY
1FQ0103PE	RENEE D. CARDELLA TRUST AND LINDA J. ENRIGHT TRUST	0.090	0.000	0.000	0.090	0.003 (132 SQ. FT.)	04-35-400-014	PERMANENT	
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	0.009 (346 SQ. FT.)	04-35-400-004	PERMANENT	
1FQ0106PE	KRAFT FOODS HOLDINGS INC.	18.705	0.000	0.000	18.705	0.015 (624 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	

FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2003-0671	VARIOUS	23	13

STA. TO STA.
ILLINOIS FED. AID PROJECT

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- 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
- IRON ROD FLUSHED WITH GROUND TO THE 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



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 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 13TH 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°27'03" W	14.81'
L3	S 27°50'26" W	25.21'
L4	N 62°08'34" W	7.11'
L5	N 44°17'32" E	8.31'

LINE TABLE

LINE	MEASURE		RECORD	
	BEARING	LENGTH	BEARING	LENGTH
L6	S 27°50'26" W	14.30'	S 30°54'38" W	19.30'
L7	S 48°59'25" E	31.35'	S 43°51'17" E	31.35'
L8	S 44°17'32" W	60.92'	S 46°08'47" W	60.92'
L9	S 29°00'14" W	31.17'	S 26°51'20" 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°51'29" W	36.62'
L12	N 64°59'46" W	32.86'	N 63°08'31" W	32.86'
L13	S 28°59'03" W	82.82'	S 30°50'18" W	82.82'
L14	N 84°34'18" W	7.44'	N 75°24'25" W	7.34'

IDOT7 SB17 - 3424

MANHARD CONSULTING ENGINEERS • SURVEYORS • PLANNERS
800 FLOODLAND PARKWAY VERNON HILLS, IL 60061
TEL: 847.654-5550 FAX: 847.654-0092

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

R.O.W. PLAT	MADE	CHECKED	DATE

NOTEBOOK NO.

Jun 13, 2006 - 12:00
 Dwg Name: F:\IDOT\IDOT7 Projects\SB17\Map\Survey\Final Drawings\Plat of Highways\13-IDOT7-SB17.dwg
 Updated By: RProject

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

CONTRACT NO. 62695

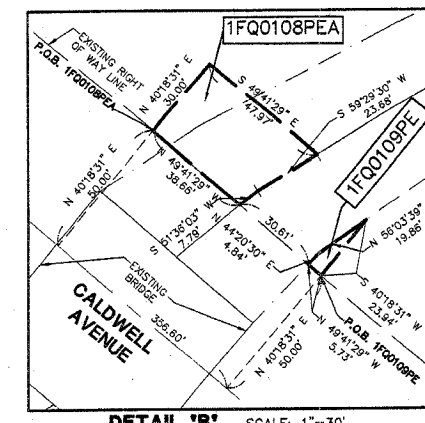
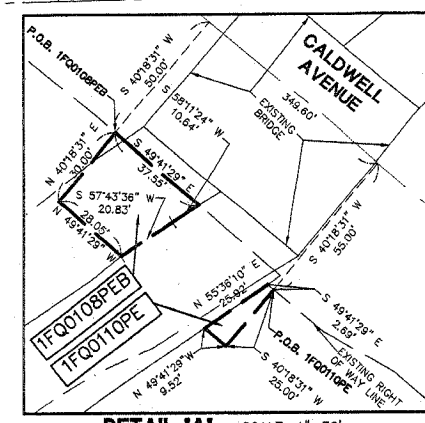
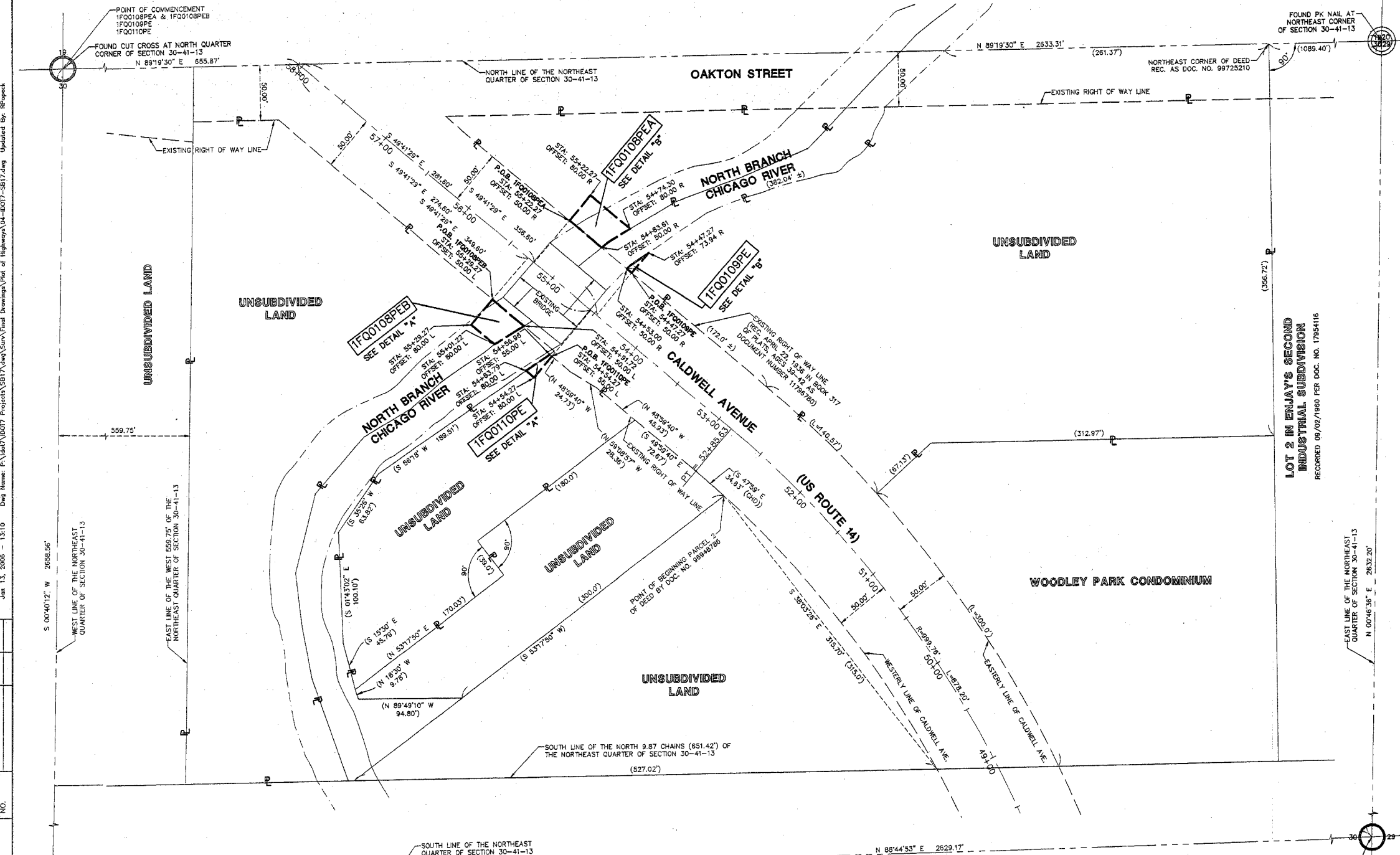
PARCEL No.	OWNER	TOTAL HOLDINGS (ACRES)	PART TAKEN (ACRES)	PREVIOUSLY DEDICATED (ACRES)	REMAINDER	EASEMENT AREA (ACRES)	PERMANENT INDEX NUMBER	PURPOSE OF EASEMENT	ACQUIRED BY
1FQ0108PEA	THE FOREST PRESERVE DISTRICT	4.019	0.000	1.263	2.756	0.030	10-30-200-004	PERMANENT	
1FQ0108PEB			0.000			0.002	10-30-200-004	PERMANENT	
1FQ0109PE	AMER. NATL. BANK & TRUST CO. CHICAGO TRUST NO. 117087-06	3.785	0.000	0.372	3.413	(78 SQ FT) 0.002	10-30-201-014	PERMANENT	
1FQ0110PE	CHICAGO TITLE LAND TRUST CO. AS TRUSTEE UNDER TRUST NO. 6961291	0.792	0.000	0.000	0.792	(153 SQ FT) 0.004	10-30-200-020	PERMANENT	

FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2093-0671	VARIOUS	23	14

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
- 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.
- BT1 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.
- BT2 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.
- BT3
- PK NAIL SET
- REPLACED AFTER CONSTRUCTION
- PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.
- LIGHT STANDARD



Jun 13, 2006 - 13:10 Day Name: P:\id07\SB17\Draw\Drawings\Plat of Highways\04-007-SB17.dwg Updated By: RRoopack

DATE	BY

MAKE: _____
 CHECKED: _____
 INKED: _____
 R.O.W. PLAT: _____
 NOTEBOOK NO.: _____

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 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 13TH DAY OF JANUARY A.D., 2006.

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



IDOT7 SB17 - 3424

MANHARD CONSULTING ENGINEERS • SURVEYORS • PLANNERS
900 WOODLANDS PARKWAY TREHON HILLS, IL 60061
PH: 847/894-5550 FAX: 847/894-0095

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

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.

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

CONTRACT NO. 62635

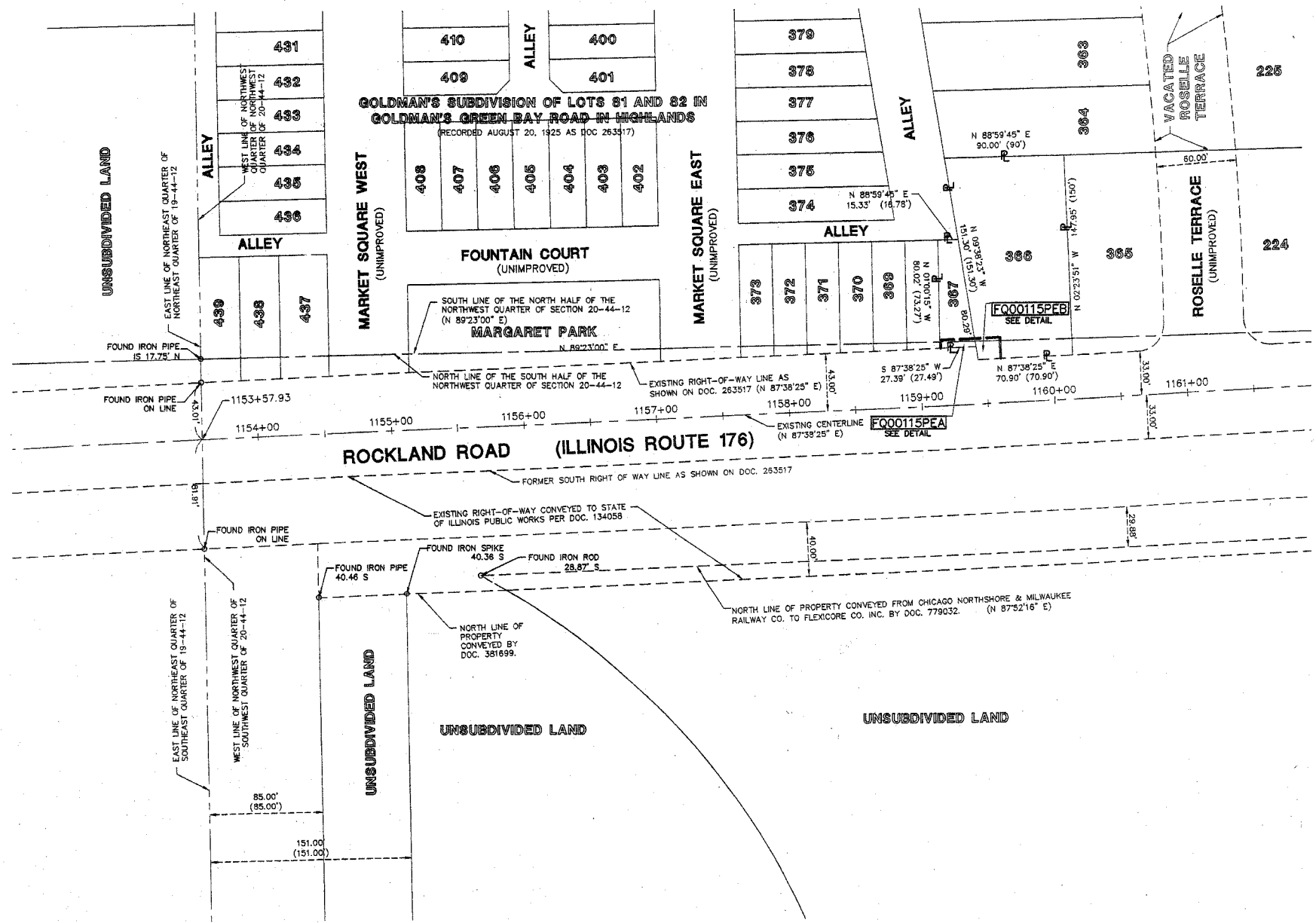
PARCEL No.	OWNER	TOTAL HOLDINGS (ACRES)	PART TAKEN (ACRES)	PREVIOUSLY DEDICATED (ACRES)	REMAINDER	EASEMENT AREA (ACRES)	PERMANENT INDEX NUMBER	PURPOSE OF EASEMENT	ACQUIRED BY
1FQ0115PEA	VILLAGE OF LAKE BLUFF	0.039	0.000	0.000	0.039	0.004 (158 SQ. FT.)	12-20-101-044	PERMANENT	
1FQ0115PEB		0.275	0.000	0.000	0.275	0.307 (289 SQ. FT.)	12-20-101-099	PERMANENT	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2003-0871	VARIOUS	23	15

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

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- 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 TIE 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 TIE 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 TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 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.
- BT2 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.
- BT3
- PK NAIL SET
- REPLACED AFTER CONSTRUCTION
- 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)SS

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.

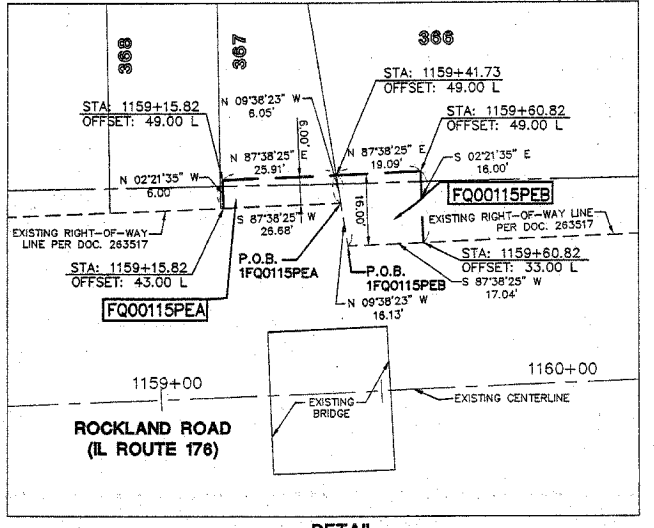
DATED AT VERNON HILLS, ILLINOIS THIS 20th DAY OF DECEMBER, A.D. 2005.

Timothy J. Murphy

ILLINOIS PROFESSIONAL LAND SURVEYOR No. 2870; EXPIRES NOVEMBER 30, 2006



R.O.W. PLAT	MADE	CHECKED	DATE
NOTEBOOK NO.	IN	IN	



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

IDOT7 SB17 - 3424

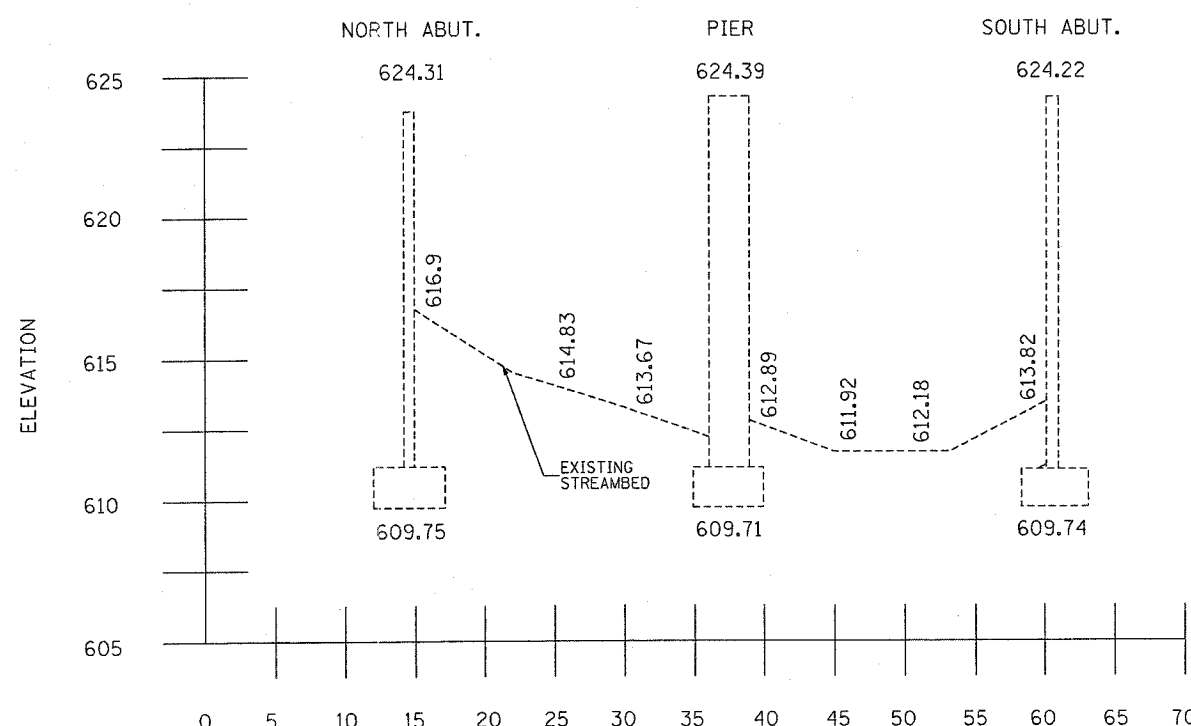
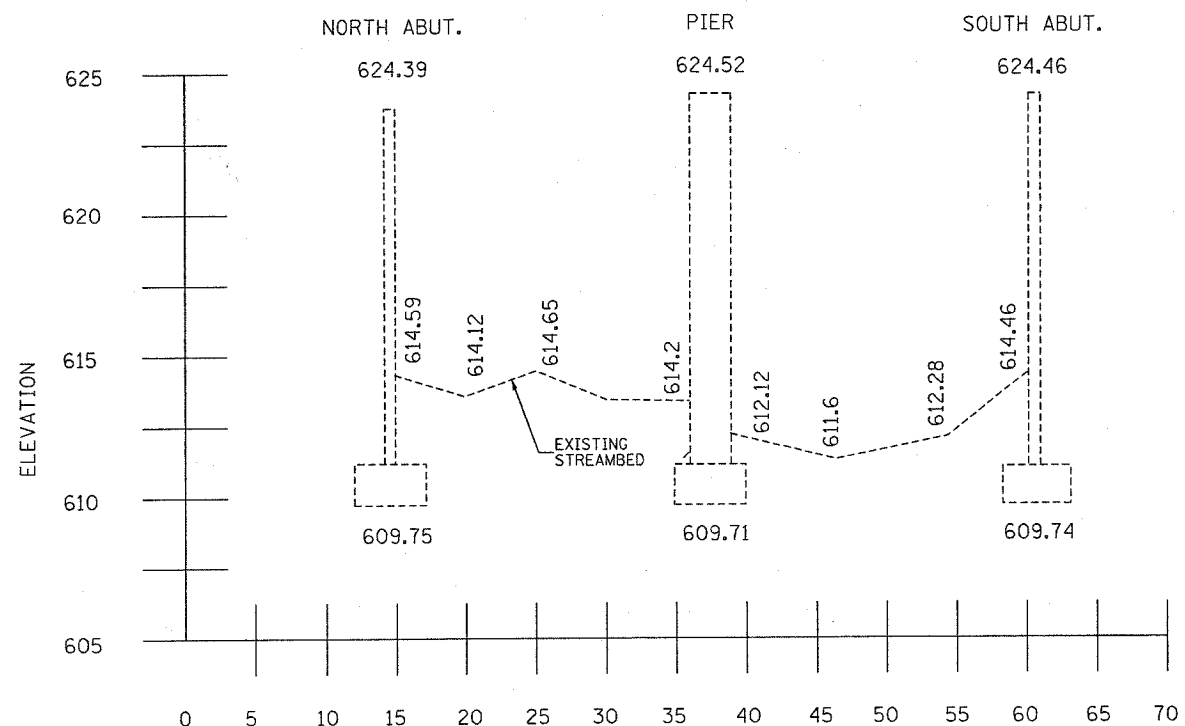
MANHARD CONSULTING
ENGINEERS • SURVEYORS • PLANNERS
800 WOODLANDS PARKWAY VERNON HILLS, IL 60061
PH: 847/851-5550 FAX: 847/854-0006

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
SCHAMBURG, ILLINOIS 60196

RECORDING: RECORDED ON AS DOCUMENT NO.

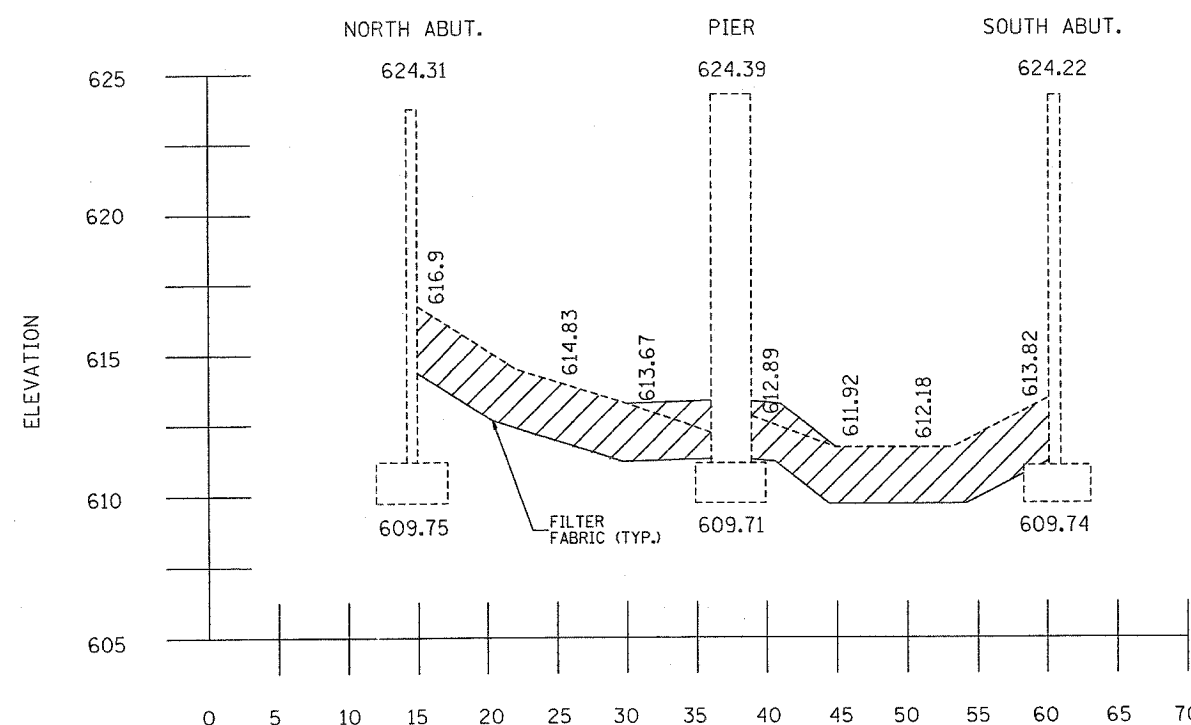
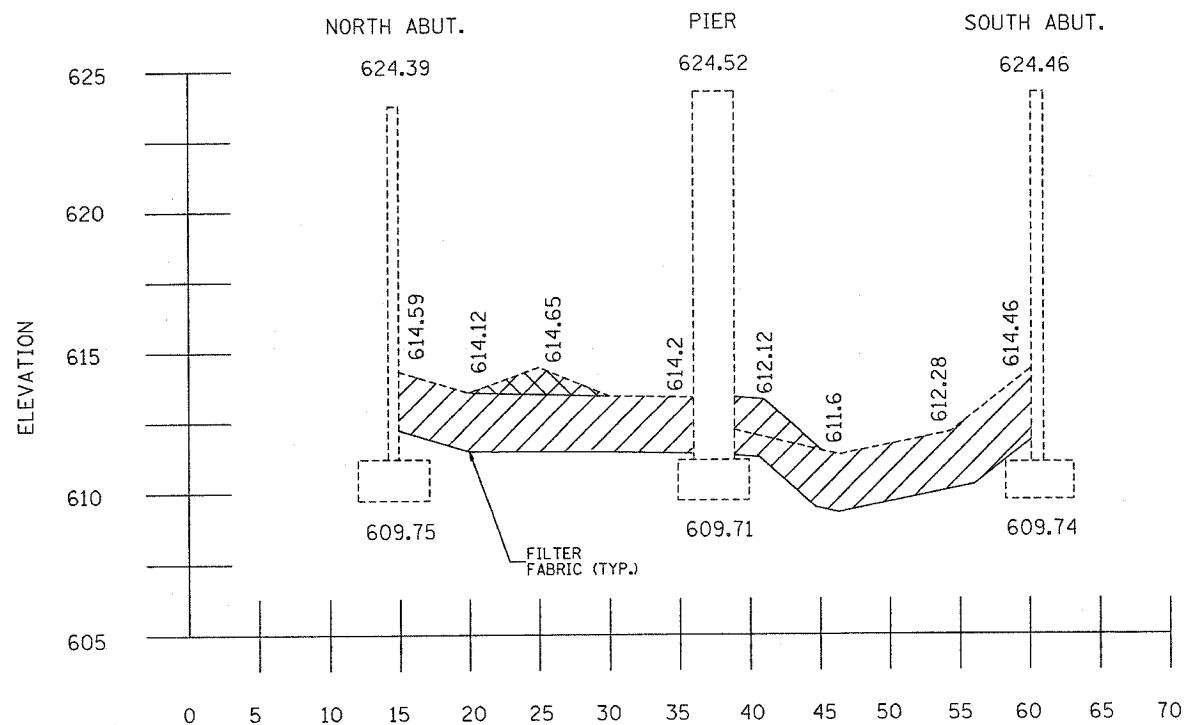


EXISTING CROSS SECTION

DOWNSTREAM EAST FACE

UPSTREAM WEST FACE

PROPOSED CROSS SECTION



LEGEND

- STONE RIPRAP, CLASS A4
- REMOVAL

DOWNSTREAM EAST FACE

UPSTREAM WEST FACE

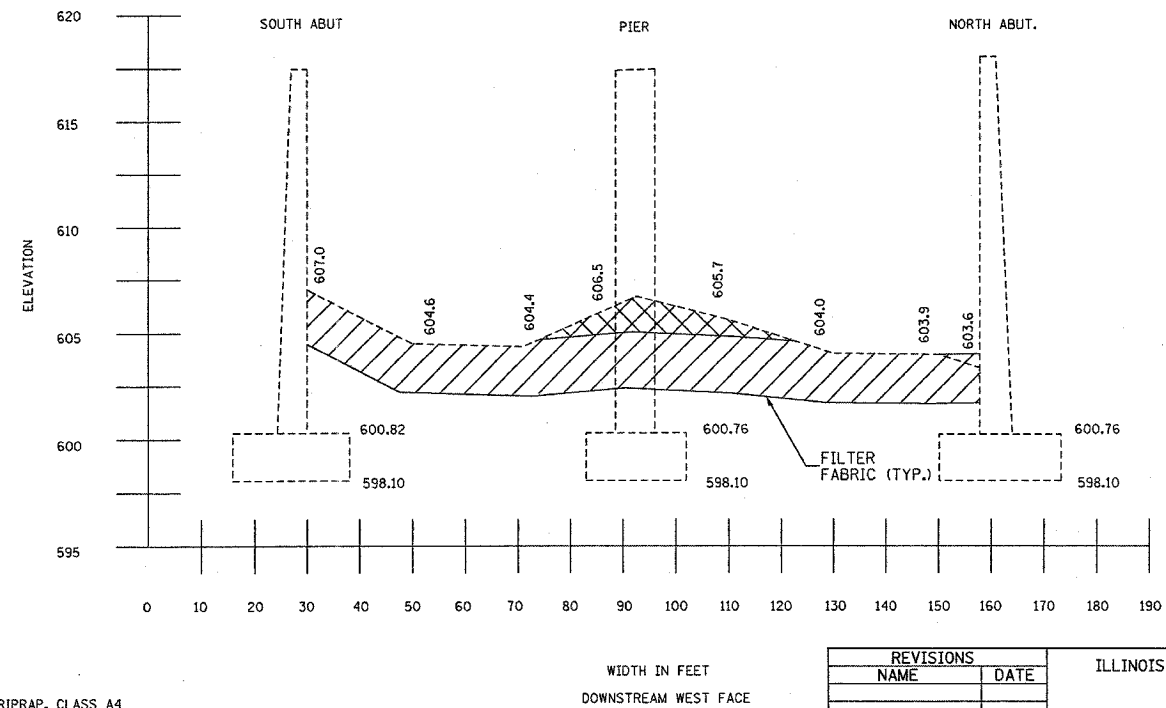
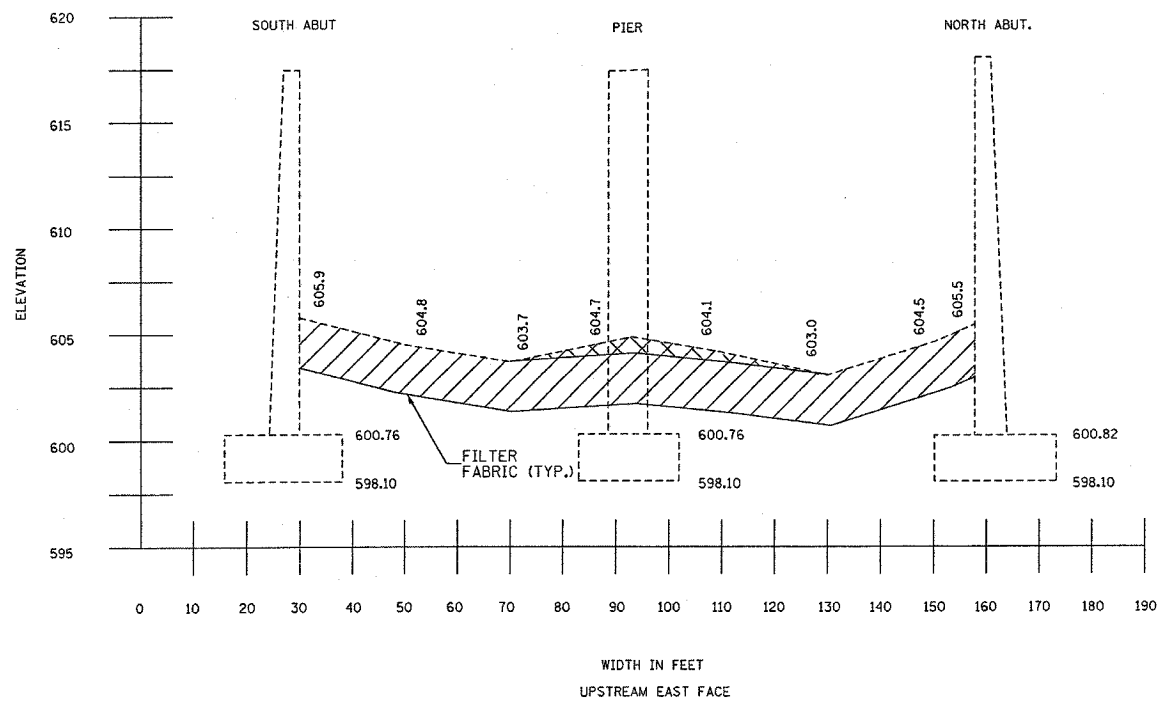
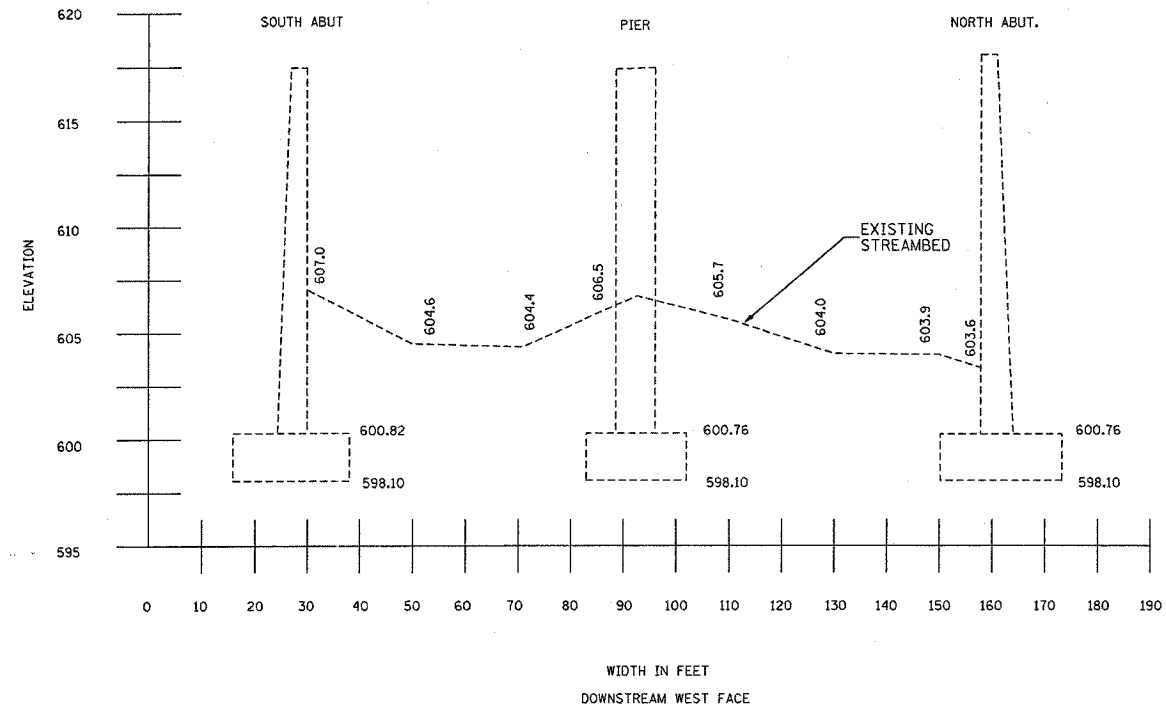
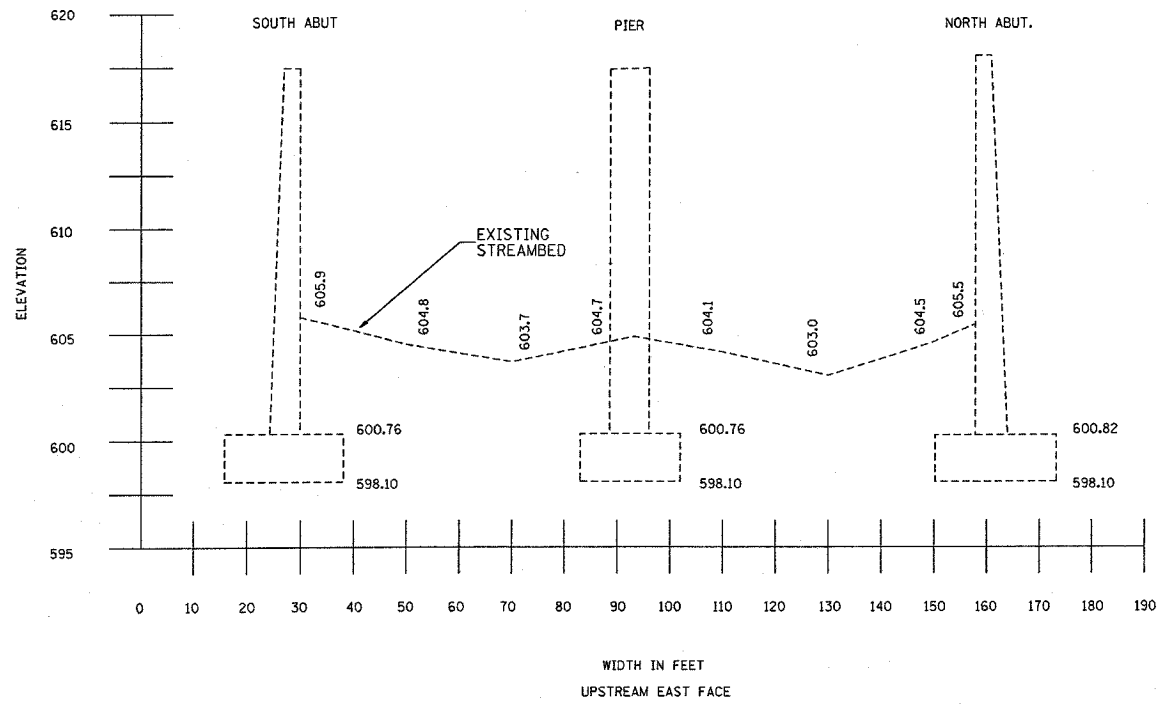
REVISIONS	
NAME	DATE



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 1
CROSS SECTION

SCALE: VERT.
 HORIZ.
 DATE 10/25/2006

DRAWN BY
 CHECKED BY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2003-0671	VARIOUS	23	17
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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

REVISIONS	
NAME	DATE

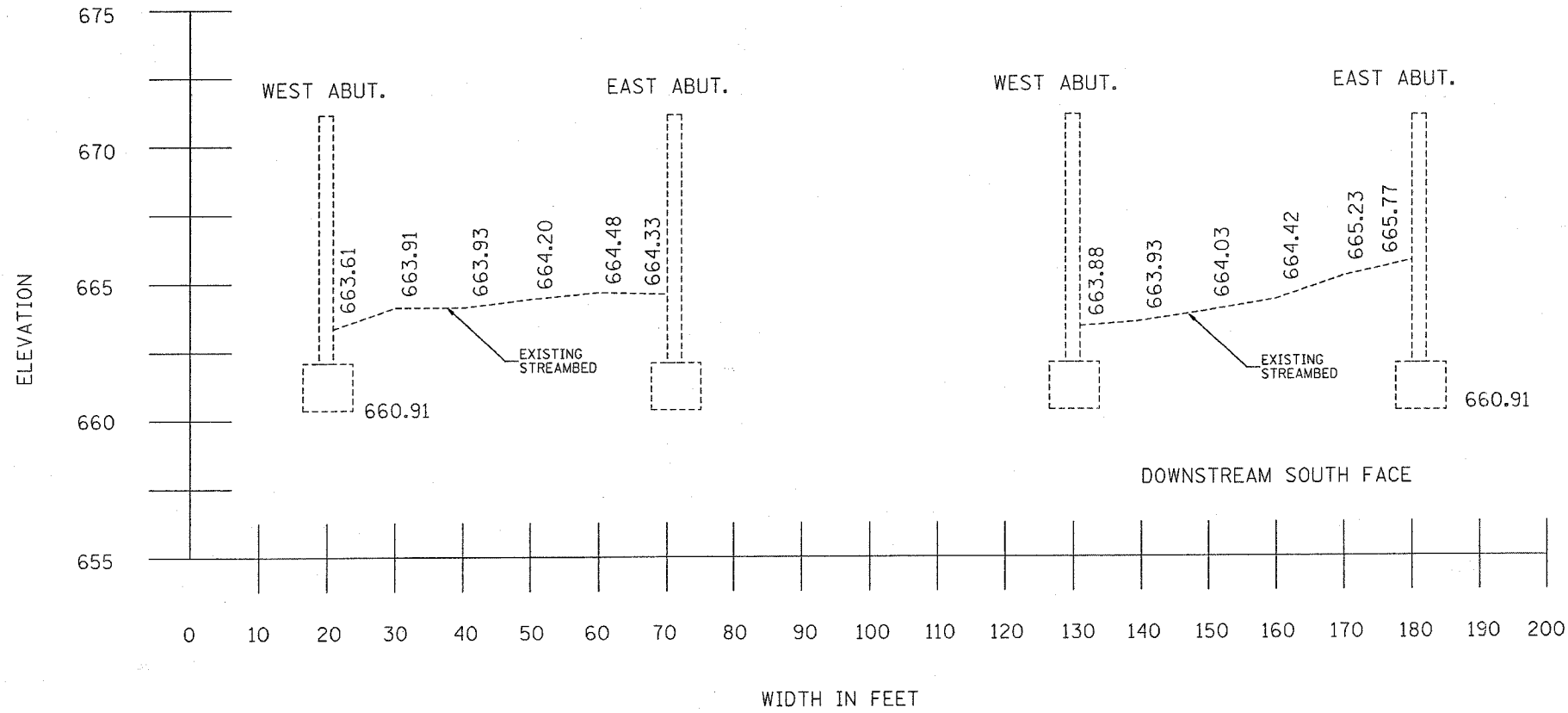
ILLINOIS DEPARTMENT OF TRANSPORTATION
STR. NO. 056-0028
U.S. 14 (CALDWELL AVENUE)
OVER THE NORTH BRANCH
OF THE CHICAGO RIVER
LOCATION 2
CROSS SECTION

SCALE: VERT. _____
 HORIZ. _____

DATE _____ DRAWN BY _____
 CHECKED BY _____

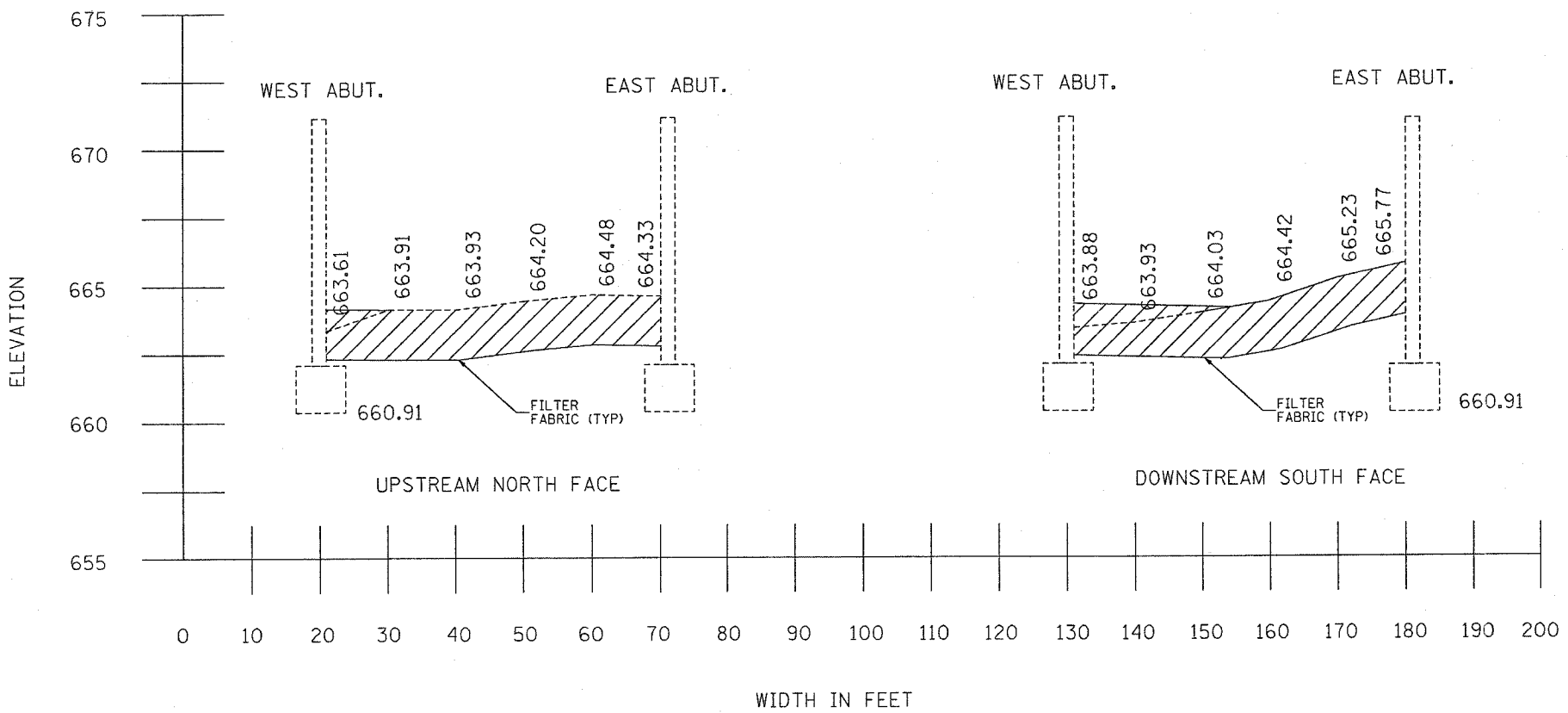
PLOT DATE = 10/25/2006
 FILE NAME = c:\projects\msta\dl17183\design\gdgn
 PLOT NAME = 0308006 / JN
 USER NAME = smt\lcl


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2003-067I	VARIOUS	23	18
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



EXISTING CROSS SECTION

PROPOSED CROSS SECTION



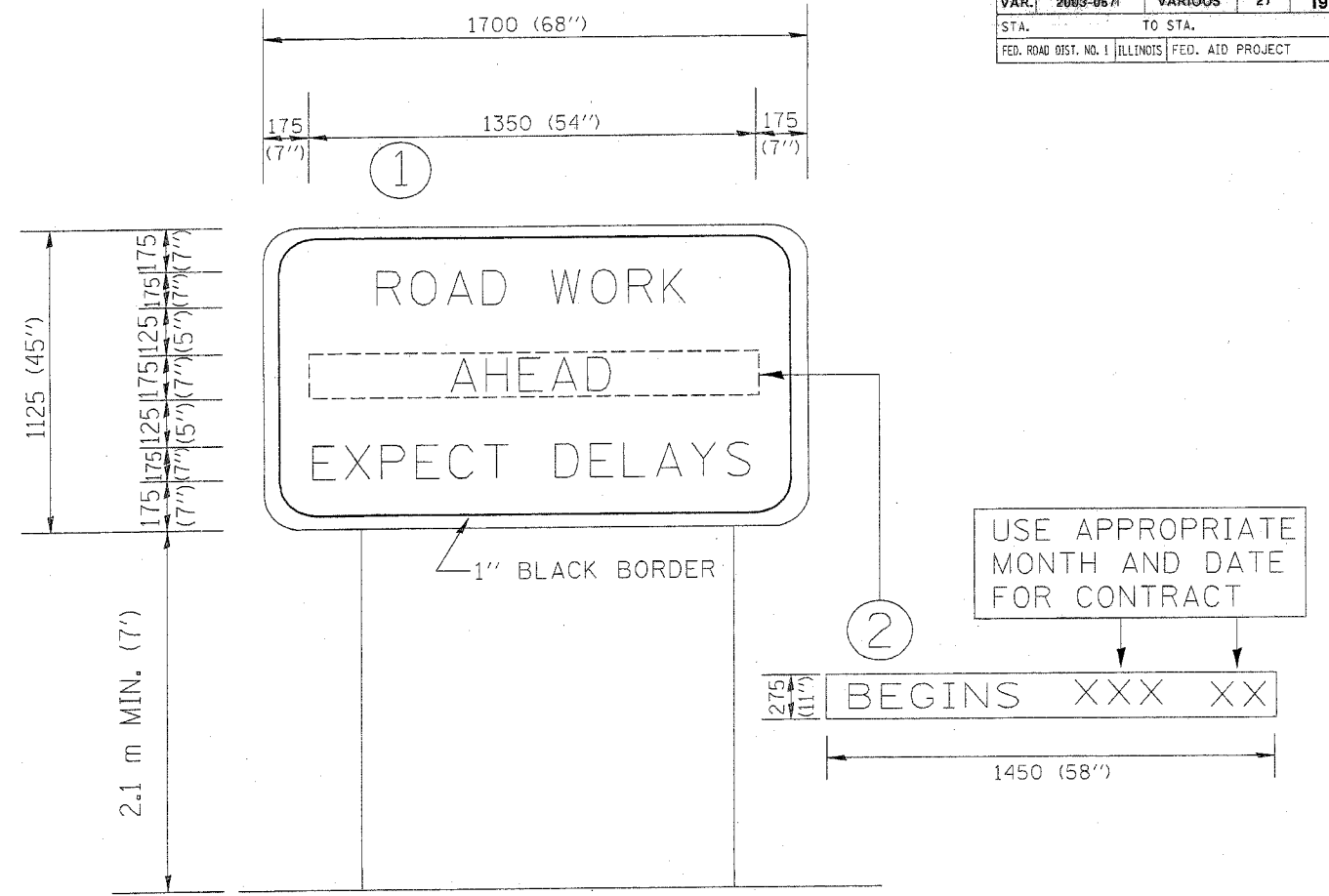
LEGEND
 - STONE RIPRAP, CLASS A4

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STR. NO. 049-0013
IL 176 OVER THE
EAST SKOKIE DITCH
LOCATION 3
CROSS SECTION
 SCALE: VERT. DRAWN BY
 DATE: HORIZ. CHECKED BY

PLOT DATE = 10/25/2006
 PLOT SCALE = 5/8" = 1'-0"
 USER NAME = smthkl

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2003-0671	VARIOUS	27	19
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



NOTES:

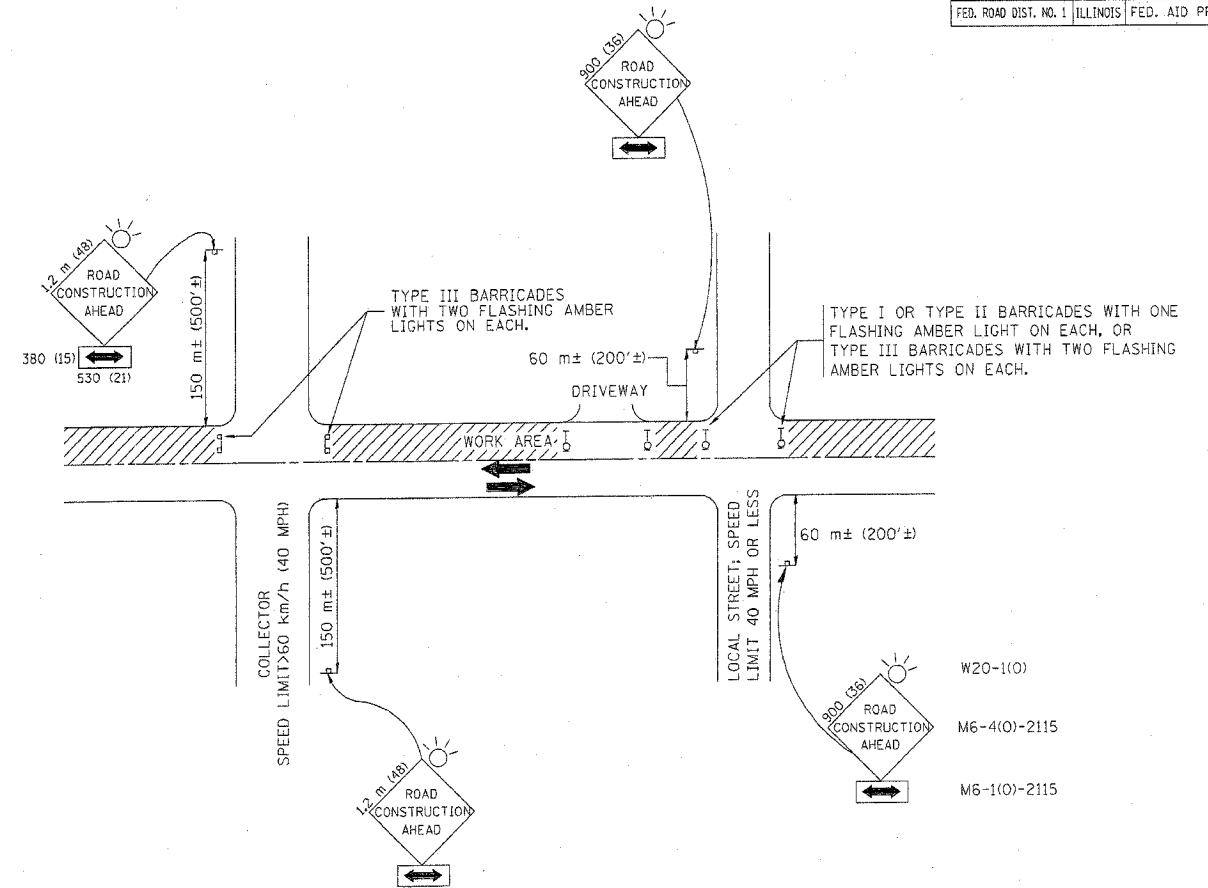
1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
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		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
R. MIRS	9-15-97	TEMPORARY INFORMATION SIGNING
R. MIRS	12-11-97	
T. RAMMACHER	2-2-99	

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR. 2003-0671	VARIOUS		23	20
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. 70150), STD. 70166 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	23	21
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

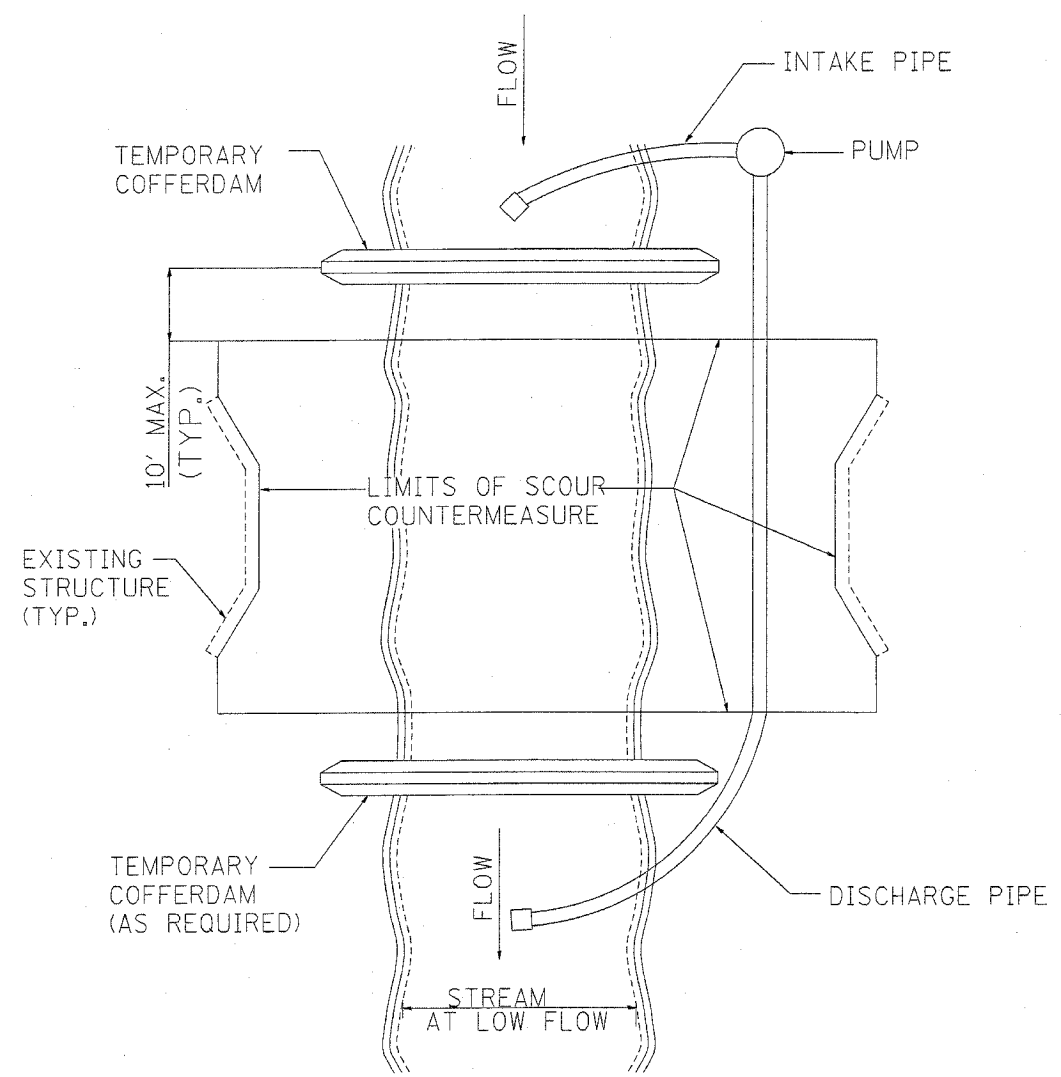


FIGURE D1. TEMPORARY COFFERDAM WITH PUMP BYPASS

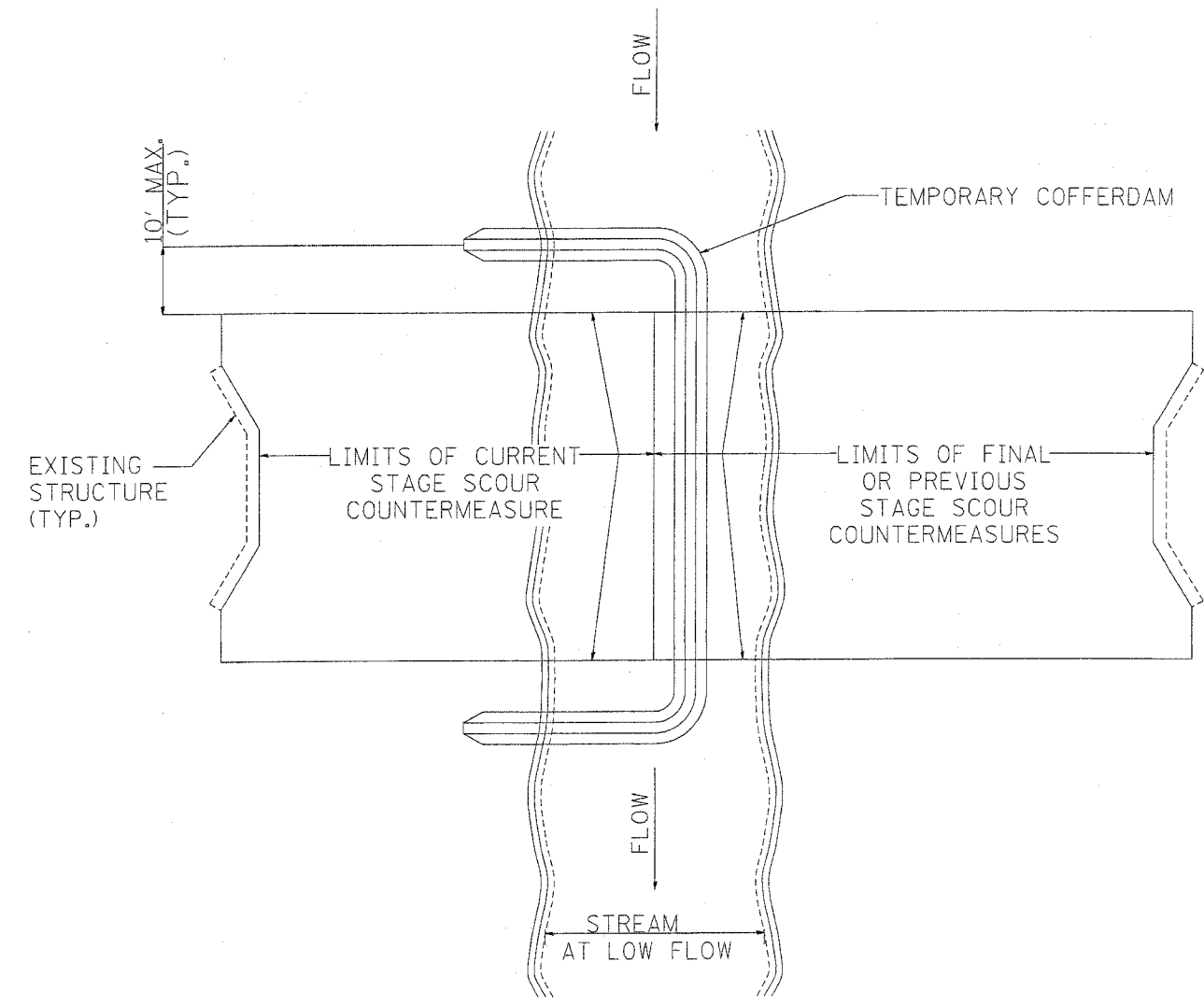


FIGURE D2. STAGED IN-STREAM COFFERDAM DIVISION

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

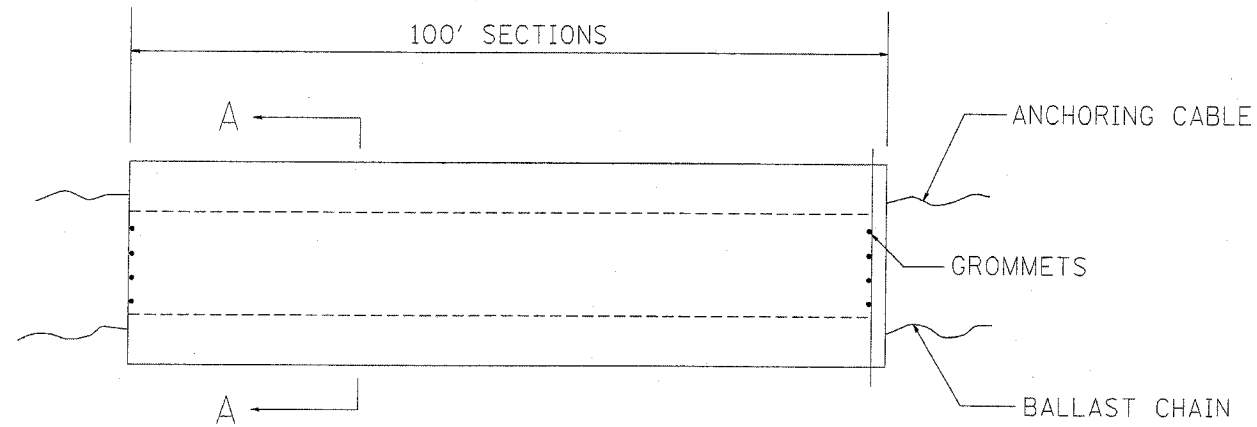
SCALE: VERT. _____
 HORIZ. _____
 DATE 5/12/2006

DRAWN BY _____
 CHECKED BY _____

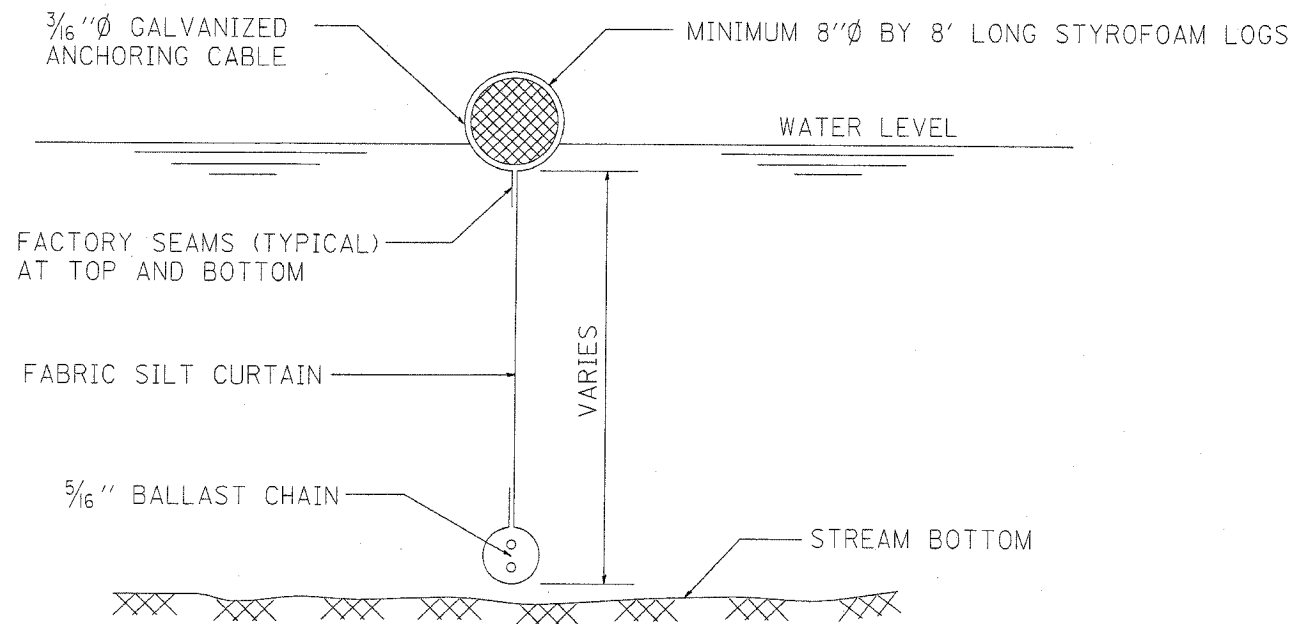
5/12/2006
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 sml\hkl

5/12/2006
 c:\projects\11st\11st\und\ndewatering.dgn
 sml\hkl

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2003-0671	VARIOUS	22	23
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.

PLOT DATE = 5/12/2006
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 PLOT SCALE = 48,9999 / IN.
 REFERENCE = #REF#

5/12/2006
 c:\pwworkspace\dm1111\drawing\dewatering.dgn
 sm1111

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2000-0671	VARIOUS	23	23
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

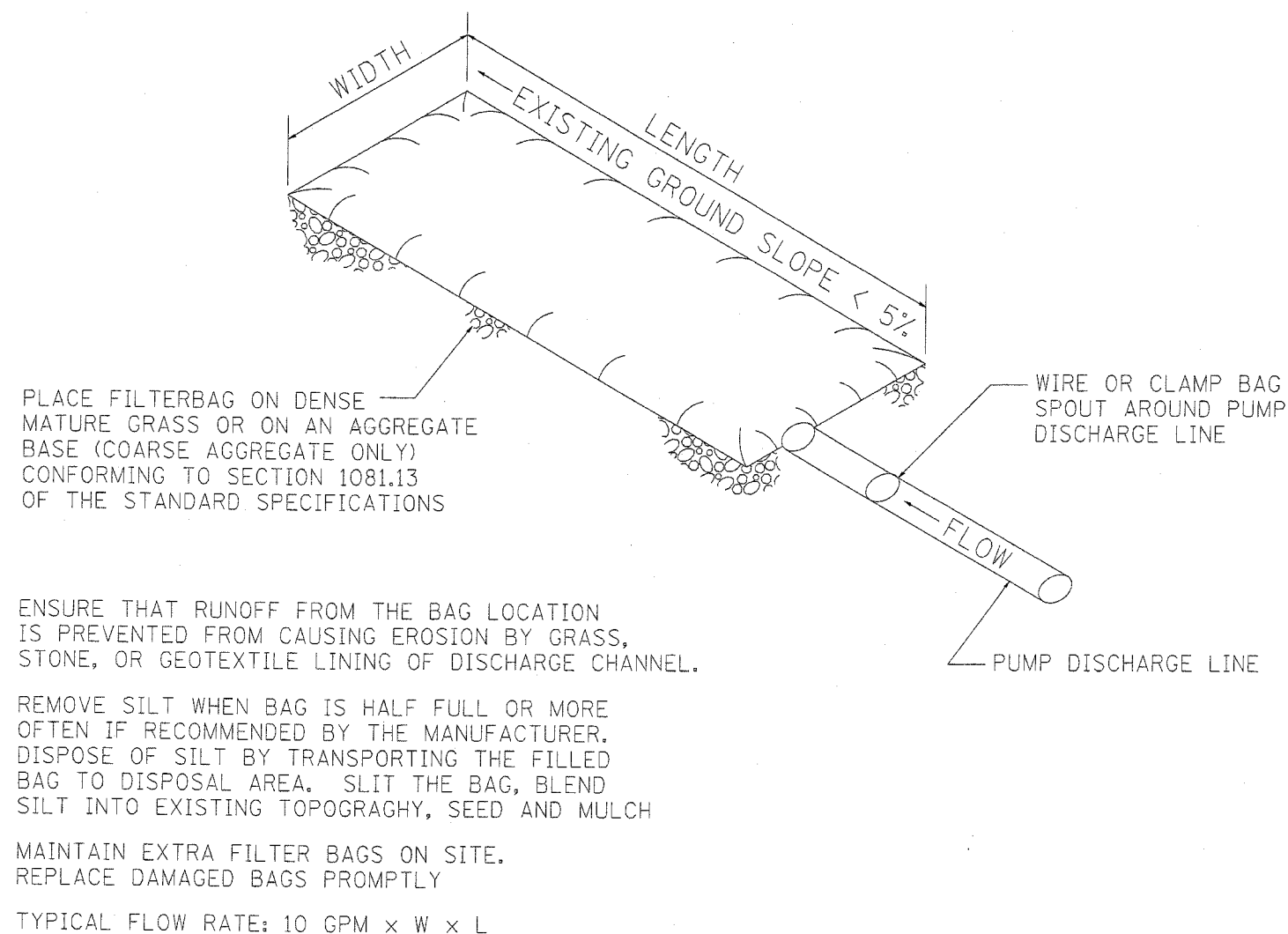


FIGURE S1. SEDIMENT FILTER BAG

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

5/12/2006
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 smthkl

5/12/2006
 c:\projects\11stata\main\dewatering.dgn
 smthkl

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		DEWATERING SYSTEM DETAILS VARIOUS ROUTES VARIOUS COUNTIES
SCALE: VERT. / HORIZ.		DRAWN BY
DATE 5/12/2006		CHECKED BY