

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1472	2007-045 I	COOK	12	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 60D35		

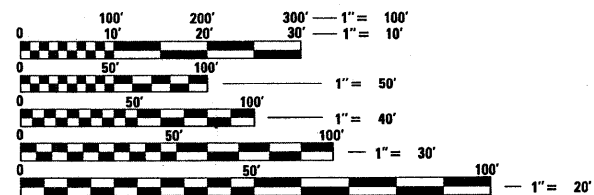
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A.U. 1472: FOREST AVENUE
OVER THE DES PLAINES RIVER
SECTION: 2007-045 I
SCOUR COUNTERMEASURES
COOK COUNTY
C-91-007-08

FOR INDEX OF SHEETS, SEE SHEET NO. 2

IMPROVEMENT LOCATED IN THE VILLAGE OF RIVERSIDE.

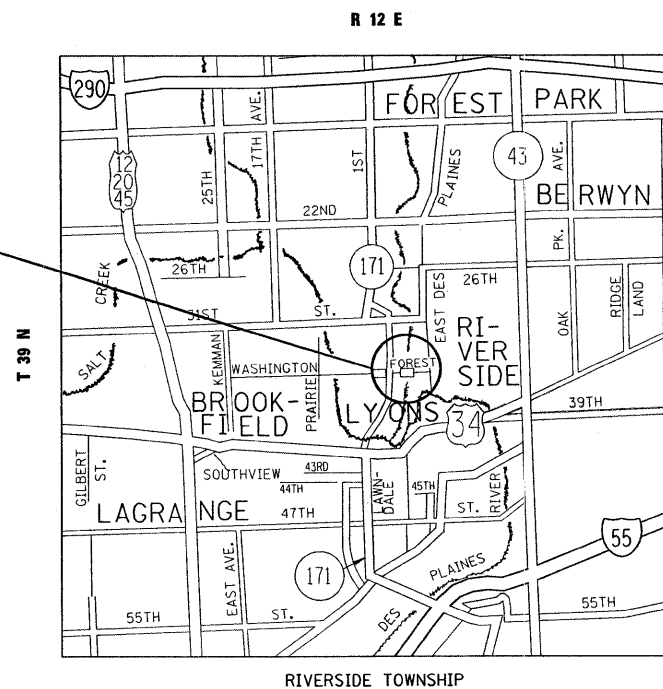


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

LOCATION OF PROJECT
FOREST AVENUE OVER
THE DES PLAINES RIVER
SN 016-0874

TRAFFIC DATA
SPEED LIMIT = 25 MPH
2006 ADT = 3,200



PROJECT ENGINEER: J.P. CHANG (847) 705 4432
PLAN PREPARATION ENGINEER: KEN ENG (847) 705 4247

CONTRACT NO. 60D35

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED FEBRUARY 7, 20 08

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

March 21, 20 08
Eric E. Haral
ENGINEER OF DESIGN AND ENVIRONMENT

March 21, 20 08
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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INTERSECTIONS AND DRIVEWAYS
- 10-12 DEWATERING

STATE STANDARDS

STANDARD	DESCRIPTION
701201-02	LANE CLOSURE, 2L, 2W, DAY ONLY ON-ROAD TO 24" OFF-ROAD FOR SPEEDS ≥ 45 MPH
701501-04	URBAN LANE CLOSURE 2L, 2W UNDIVIDED
701901	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 SLOPE MATTRESS INSTALLATION SHALL NOT BE DEEPER THAN THE BOTTOM OF THE FOOTING OF THE PIER OR ABUTMENT TO BE PROTECTED.

TO AVOID EXCAVATING BELOW THE TOP OF THE PIER OR ABUTMENT FOOTING, SLOPE MATTRESSES CAN BE PLACED AT AN HIGHER ELEVATION AS DIRECTED BY THE ENGINEER, AND AS LONG AS THE TOP OF THE MATTRESSES ARE BELOW THE ORIGINAL STREAMBED LINE AS SHOWN IN THE PLANS.

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 SCOUR COUNTERMEASURE 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 SCOUR COUNTERMEASURE 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, AND UTILITIES WITHIN THE LIMITS OF SCOUR COUNTERMEASURE PLACEMENT AND CHANNEL EXCAVATION.

THE CONTRACTOR MUST PROTECT PAVEMENT WHEN DUMPING STONE AND/OR RIPRAP 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.

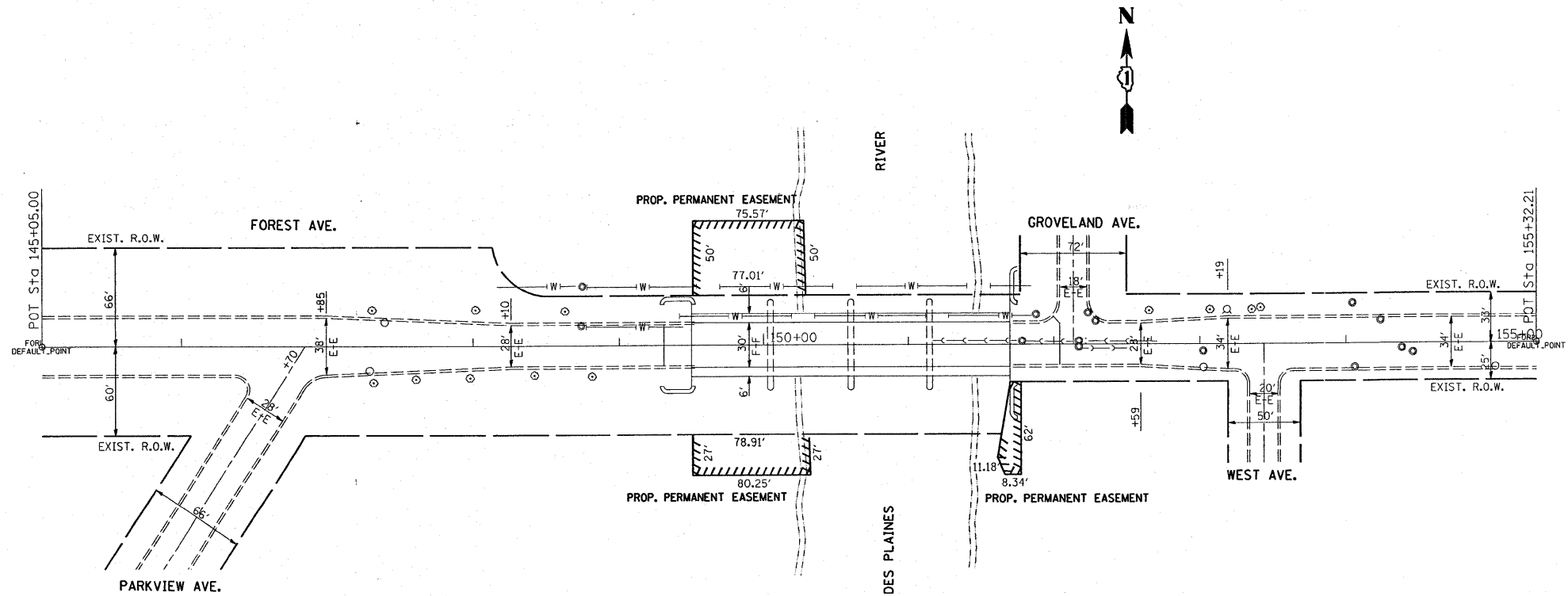
THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

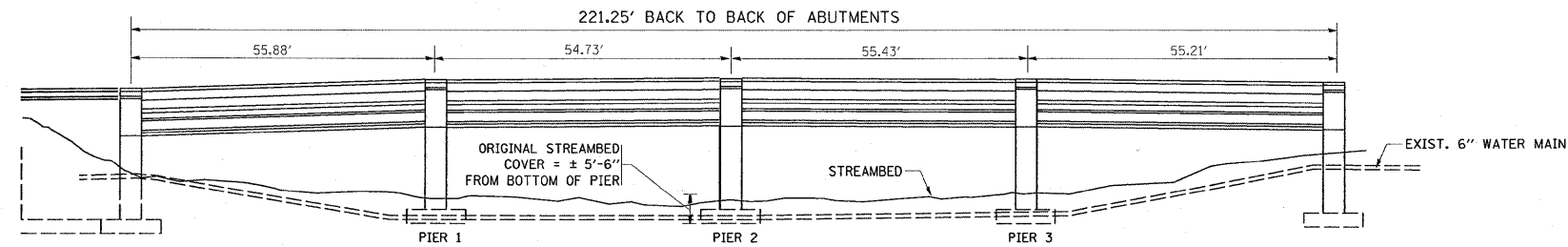
THE CONTRACTOR SHALL SUBMIT DEWATERING AND SEDIMENT CONTROL PLANS FOR EACH SITE.

PLEASE CONTACT STEVE LIPKIE AT (847) 705-4173 IN THE ROADSIDE DEVELOPMENT UNIT 48 HOURS PRIOR TO PLANTING TREES FOR LAYOUT.

FILE NAME = c:\projects\dl1183\design_shta.dgn	USER NAME = SMTHKL	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES				F.A.U. RTE. 1472	SECTION 2007-045 I	COUNTY COOK	TOTAL SHEETS 12	SHEET NO. 2
	PLOT SCALE = 50.0000' / IN.	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 60D35		
	PLOT DATE = 2/20/2008	CHECKED -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								



FILE NAME = c:\projects\dl17103\design.ea.dgn	USER NAME = smthkl	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING ROADWAY PLAN FOREST AVE. OVER THE DES PLAINES RIVER			F.A.U. RTE. 1472	SECTION 2007-045 I	COUNTY COOK	TOTAL SHEETS 12	SHEET NO. 4
	PLOT SCALE = 50.0000' / IN.	DRAWN -	REVISED -		SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
PLOT DATE = 2/11/2008	CHECKED -	DATE -	REVISED -				CONTRACT NO. 60D35					



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

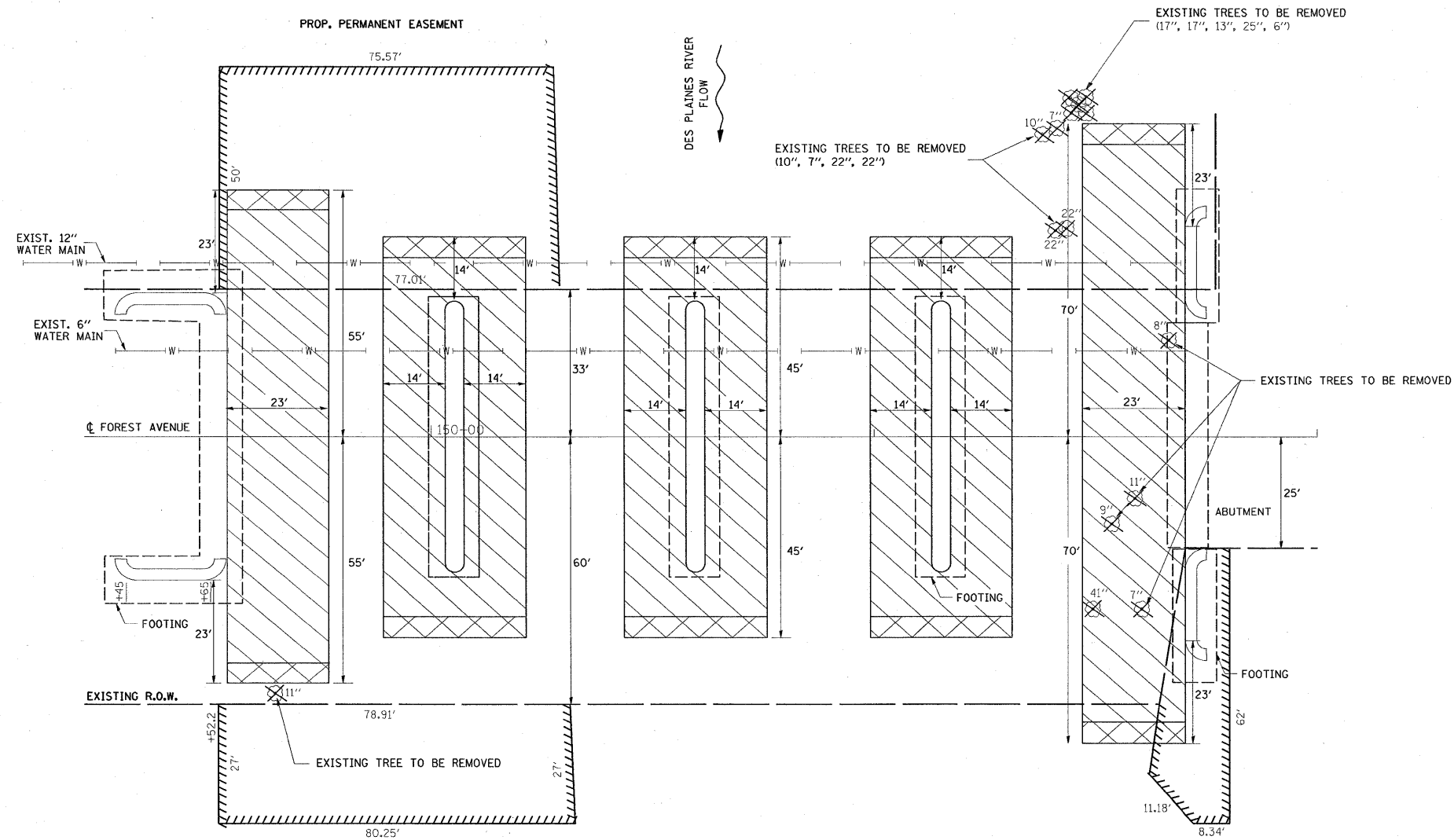
BM: CONCRETE POST WITH REBAR, LOCATED 332' W. OF BRIDGE AND 37' S OF ϕ OF FOREST AVE. (C.C. #406)
EL. = 614.60

BM: NORTHWEST HANDRAIL POST - CHISLED SQUARE
EL. = 618.42

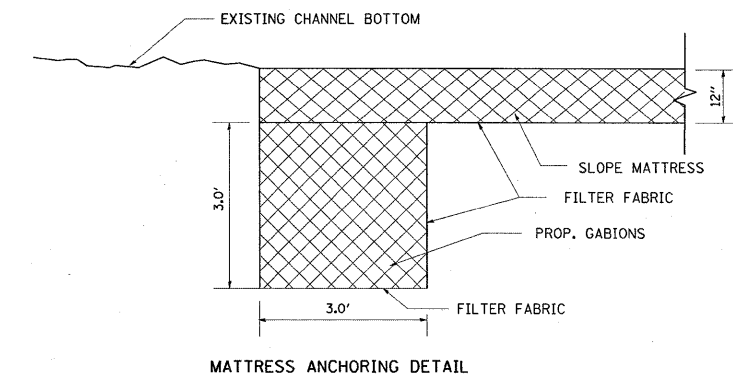
NOTES:

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



FILE NAME = c:\projects\117183\des_bridges.dgn	USER NAME = SMITHKL	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 2/28/2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COUNTERMEASURE PLACEMENT DETAIL
FOREST AVE. OVER THE DES PLAINES RIVER

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1472	2007-045 I	COOK	12	5
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60D35	

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

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 (2,148.78 sq. ft.)	Construction	15-35-403-003	
1FQ0009PE	Forest Preserve District of Cook County	7.250	N/A	7.250	N/A	0.068 (3,814.46 sq. ft.)	Construction	15-35-201-001	
1FQ0010PE	Riverside Condominiums	0.337	N/A	0.337	N/A	0.013 (863.01 sq. ft.)	Construction	15-35-404-020 15-35-404-021 & 022	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
147a	3007-0951	Cook	12	6
STA.	TO STA.			
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

LEGEND

SECTION CORNER: 9 10 18 15
QUARTER SECTION CORNER: 16 15

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
129.32'
129.32'(COMP.)
() RECORD DATA

EXISTING BUILDING

○ IRON PIPE OR ROD FOUND † PK NAIL SET
+ CUT CROSS FOUND OR 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

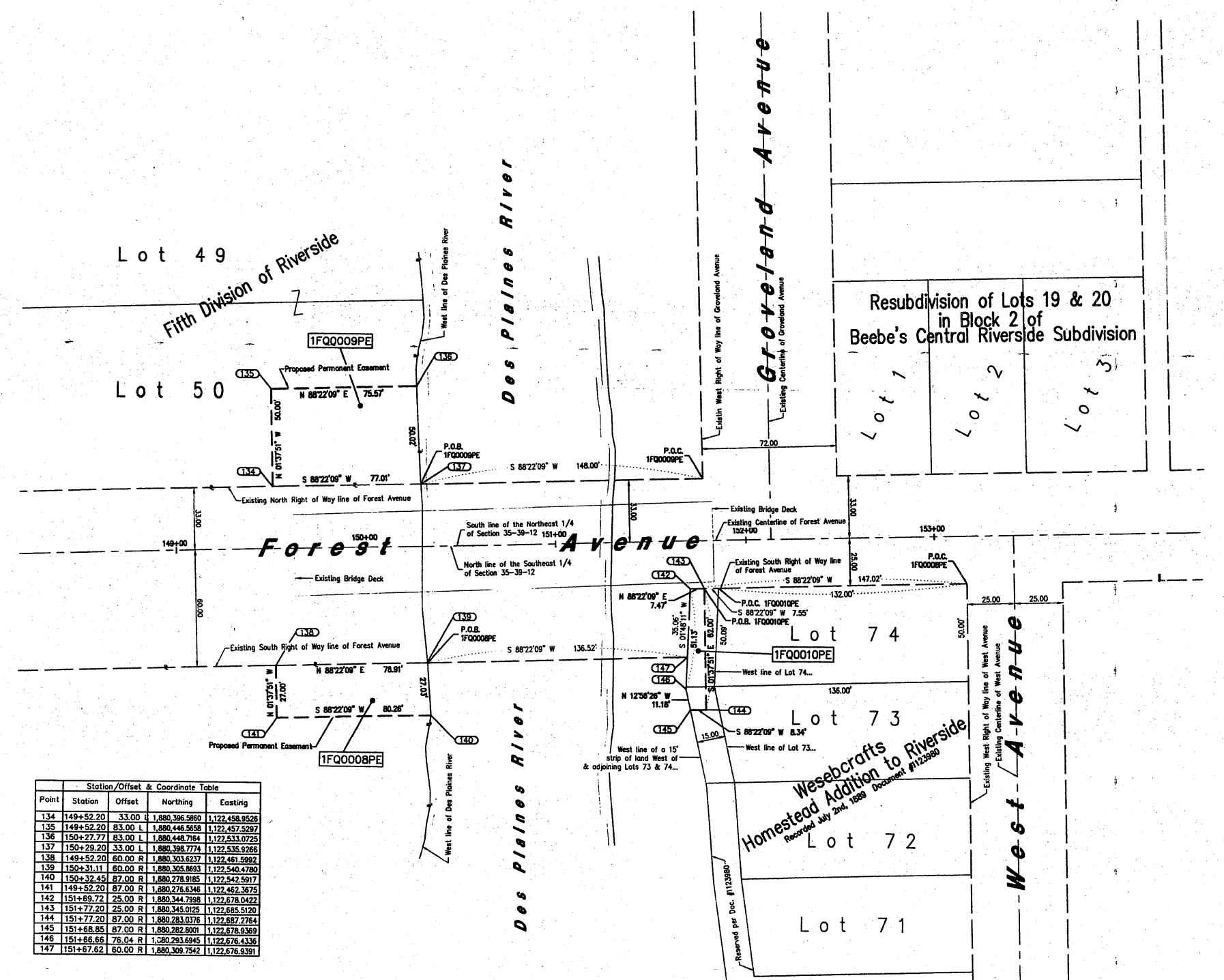
■ STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ 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

GRAPHIC SCALE
(IN FEET)
30 0 30 60 90 120
1" = 30'



Station/Offset & Coordinate Table

Point	Station	Offset	Northing	Easting
134	149+52.20	33.00 L	1,880,396.5860	1,122,458.9528
135	149+52.20	83.00 L	1,880,448.5658	1,122,457.5297
136	150+27.77	83.00 L	1,880,448.7184	1,122,533.0725
137	150+29.20	33.00 L	1,880,396.7774	1,122,535.9266
138	149+52.20	60.00 R	1,880,303.6237	1,122,461.5992
139	150+31.11	60.00 R	1,880,305.8893	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	1,122,462.3675
142	151+69.72	25.00 R	1,880,344.7958	1,122,678.0422
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	1,122,687.2764
145	151+68.85	87.00 R	1,880,282.8001	1,122,678.9369
146	151+66.66	76.04 R	1,280,293.6945	1,122,676.4336
147	151+67.62	60.00 R	1,880,309.7542	1,122,676.9391

NOTES

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

STATE OF ILLINOIS }
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
I.L. 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

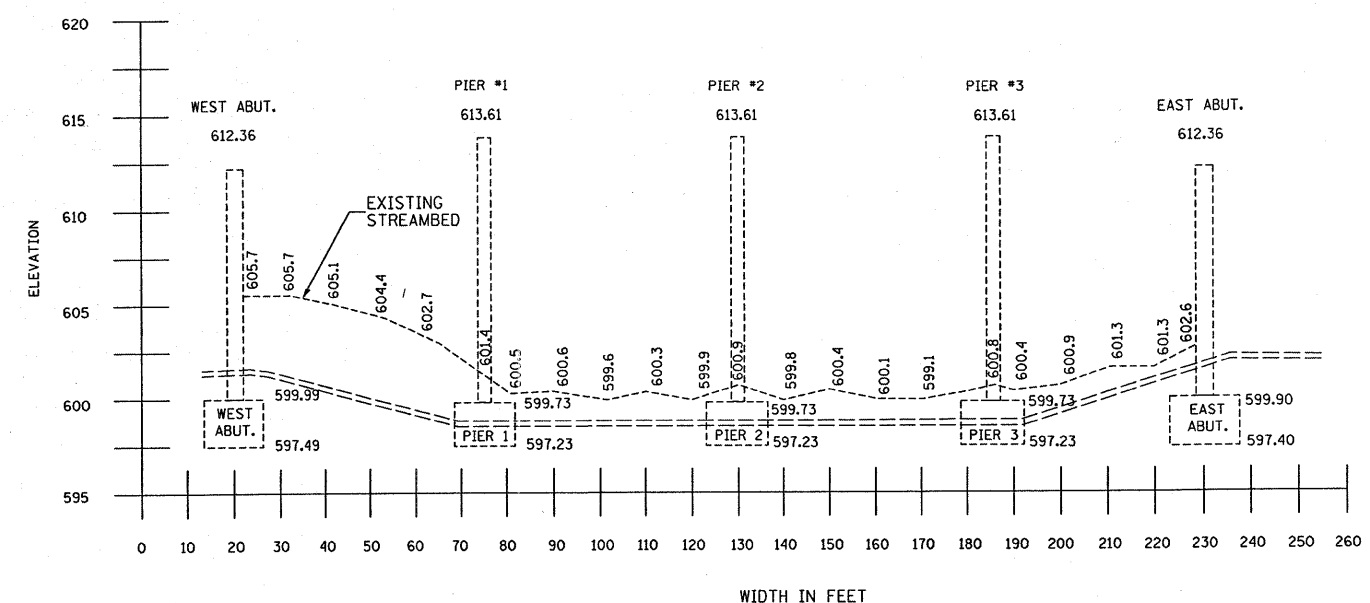
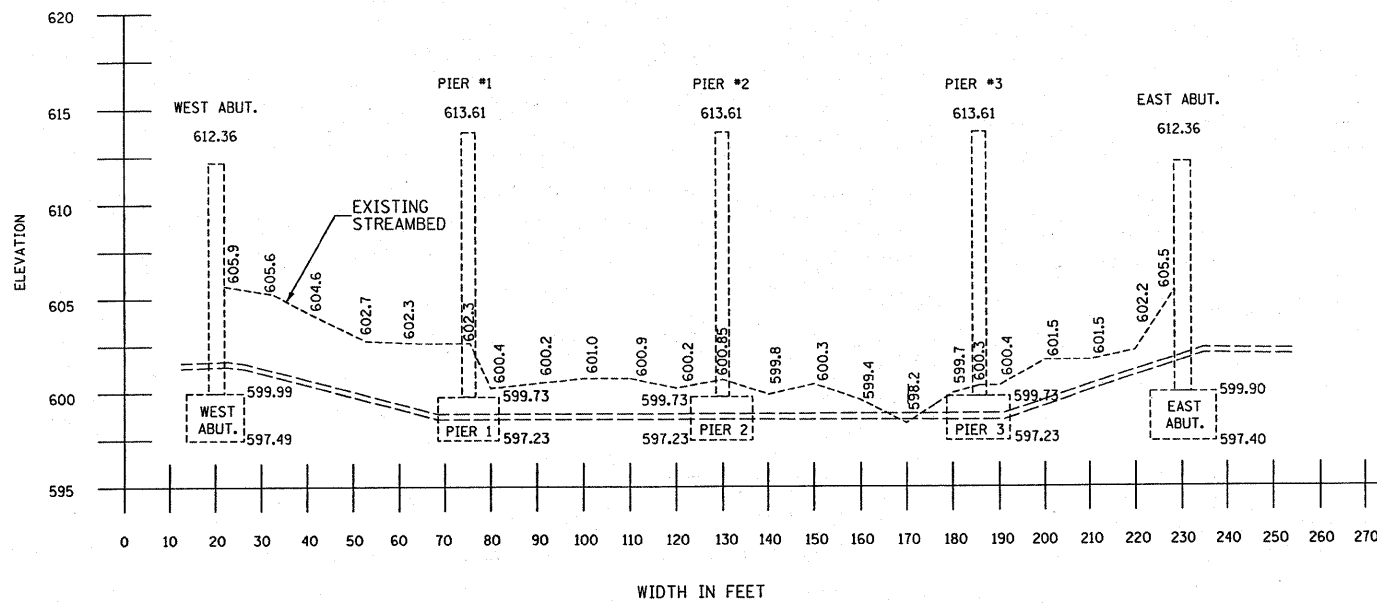
PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
Forest Avenue (Over Des Plaines River)

SECTION 2003-067 I COOK COUNTY
PROJECT JOB NO. R-91-007-05
STATION 149+52.20 TO STATION 150+32.45
SCALE: SHEET 4 OF 9

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

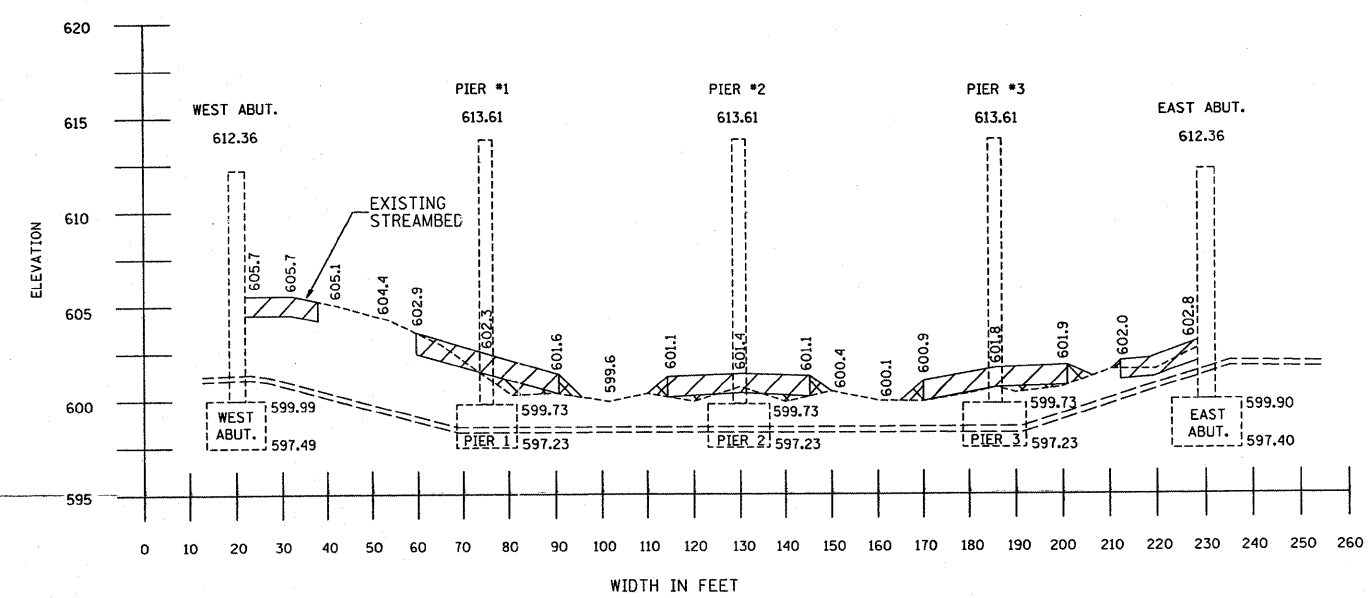
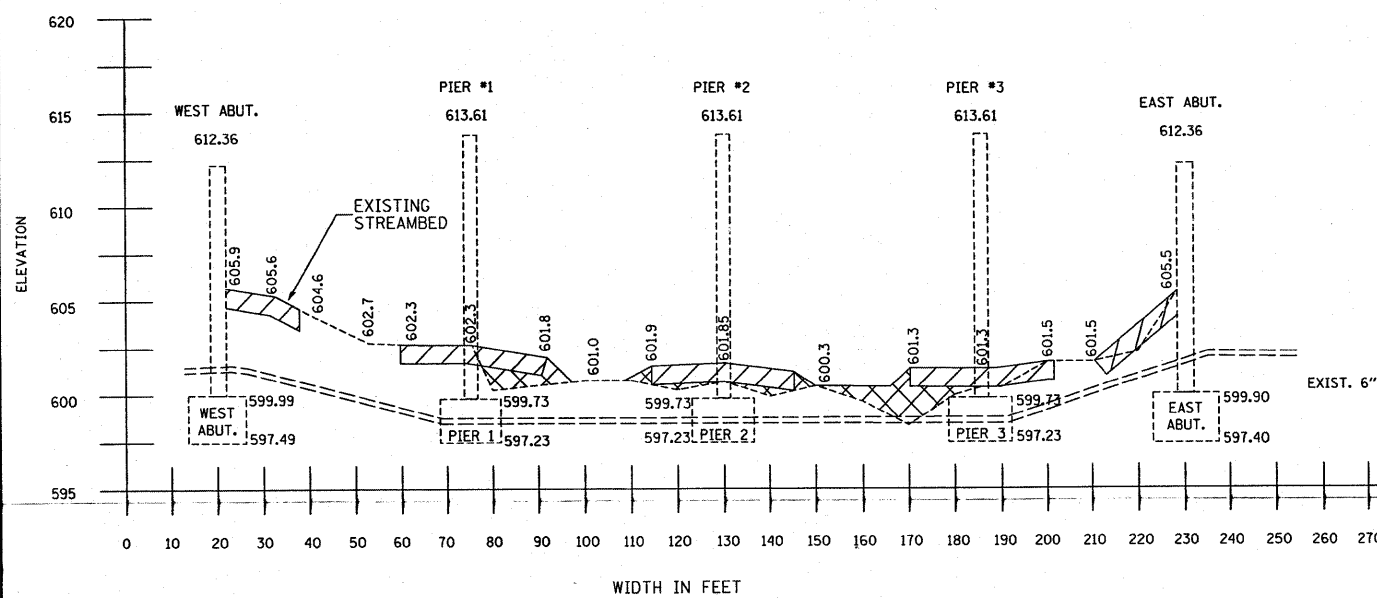
FOR INFORMATION ONLY

5/8/06	Added 1FQ0010PE and Re-issued	WNO
12/23/05	Revised per comments and Re-issued	WNO
12/16/05	Revised Temporary Easement to Permanent Easement & Re-issued	WNO
6/28/05	Issued Signed & Sealed Copy	WNO

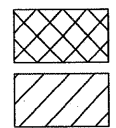


EXISTING CROSS SECTION

PROPOSED CROSS SECTION



LEGEND

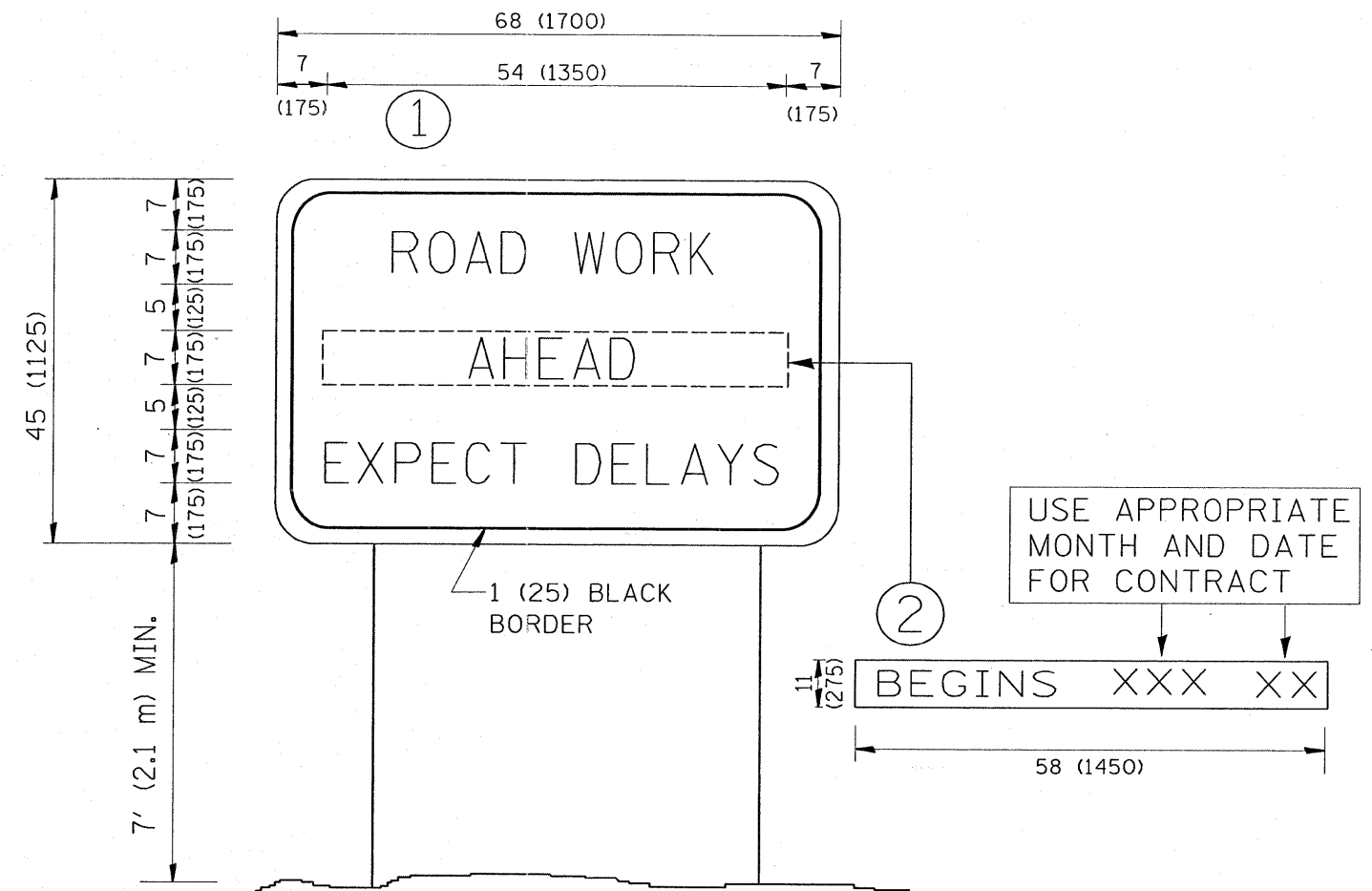


- STONE RIPRAP, CLASS A4
- SLOPE MATTRESS, 12" (TYP.)

DOWNSTREAM SOUTH FACE PROPOSED CROSS SECTION

UPSTREAM NORTH FACE PROPOSED CROSS SECTION

FILE NAME = c:\projects\dl17183\design.ea.dgn	USER NAME = smthkl	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STREAM BED CROSS SECTION; STR. NO. 016-0874 FOREST AVE. OVER THE DES PLAINES RIVER			F.A.U. RTE. 1472	SECTION 2007-045 I	COUNTY COOK	TOTAL SHEETS 12	SHEET NO. 7	
	PLOT SCALE =	DRAWN -	REVISED -					SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 60D35		
	PLOT DATE = 2/11/2008	CHECKED -	REVISED -					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					
		DATE -	REVISED -										

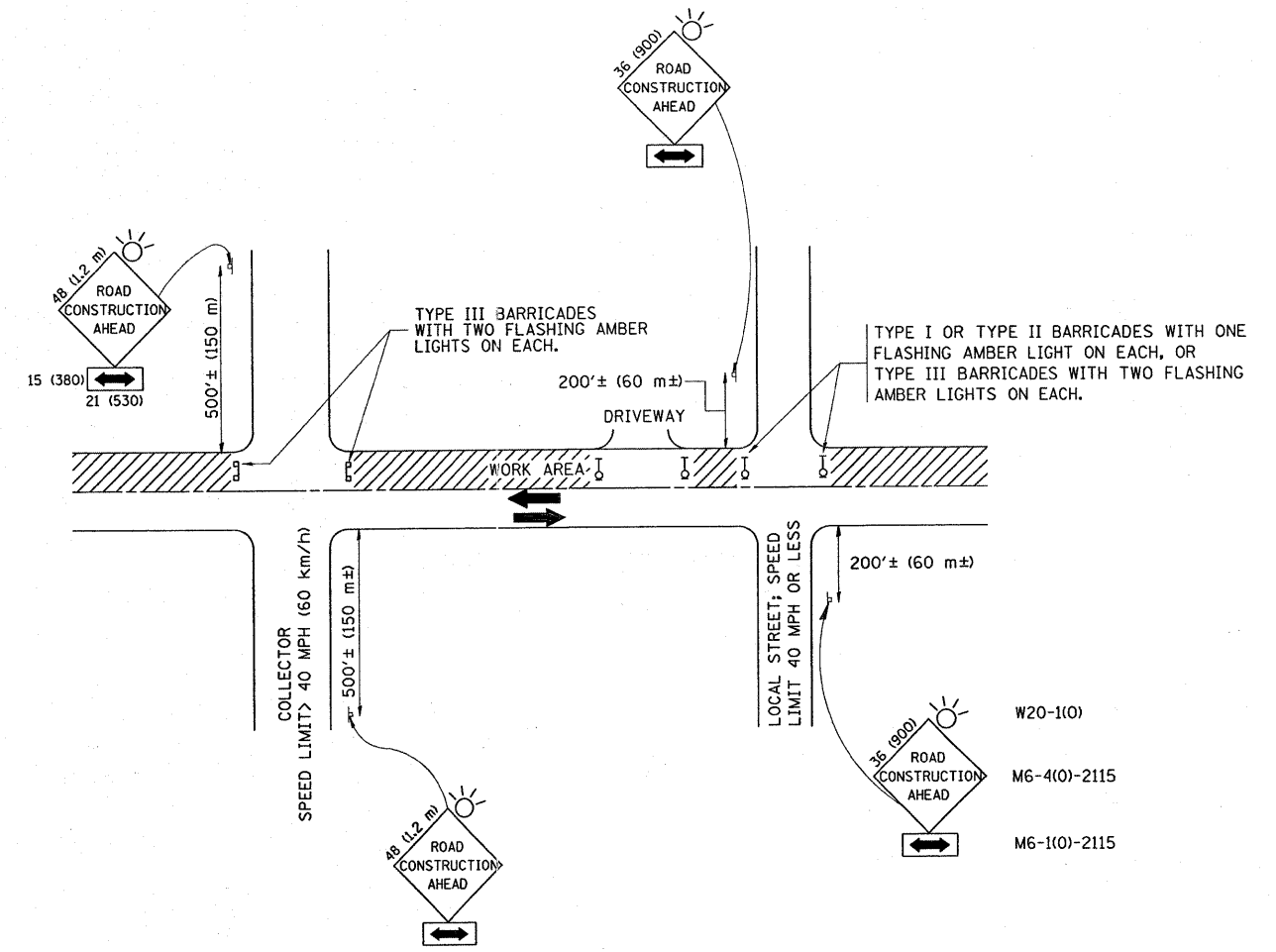


NOTES:

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

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

FILE NAME = W:\distatd\22x34\tc22.dgn	USER NAME = smthkl	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN			F.A.W. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.000' / IN.	DRAWN -	REVISED - R. MIRS 12-11-97					1472	2007-045 I	COOK	12	8
PLOT DATE = 2/11/2008	CHECKED -	REVISED - T. RAMMACHER 02-02-99	SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.			TC-22		CONTRACT NO.				
	DATE -	REVISED - C. JUCIUS 01-31-07	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT									



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

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
 1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) 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.
 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- 3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

FILE NAME = W:\distatd\22x34\tcl0.dgn	USER NAME = smthkl	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS			F.A.W. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50,000' / IN.	DRAWN -	REVISED - A. HOUSEH 03-06-96		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	1472	2007-045 I	COOK	12
PLOT DATE = 2/11/2008	DATE - 06-89	CHECKED -	REVISED - A. HOUSEH 10-15-96					TC-10		CONTRACT NO.		
		DATE - 06-89	REVISED - T. RAMMACHER 01-06-00					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

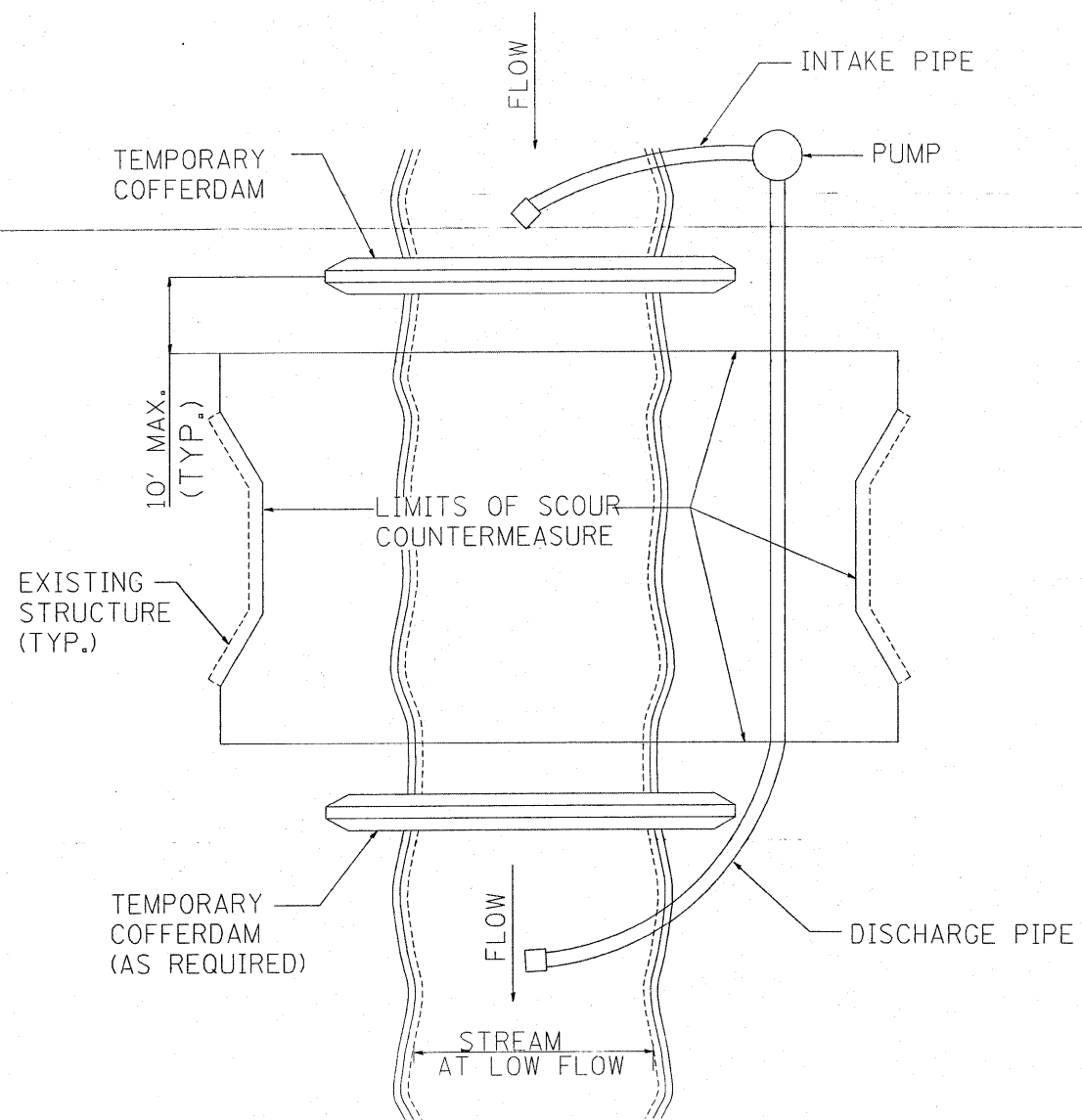


FIGURE D1. TEMPORARY COFFERDAM WITH PUMP BYPASS

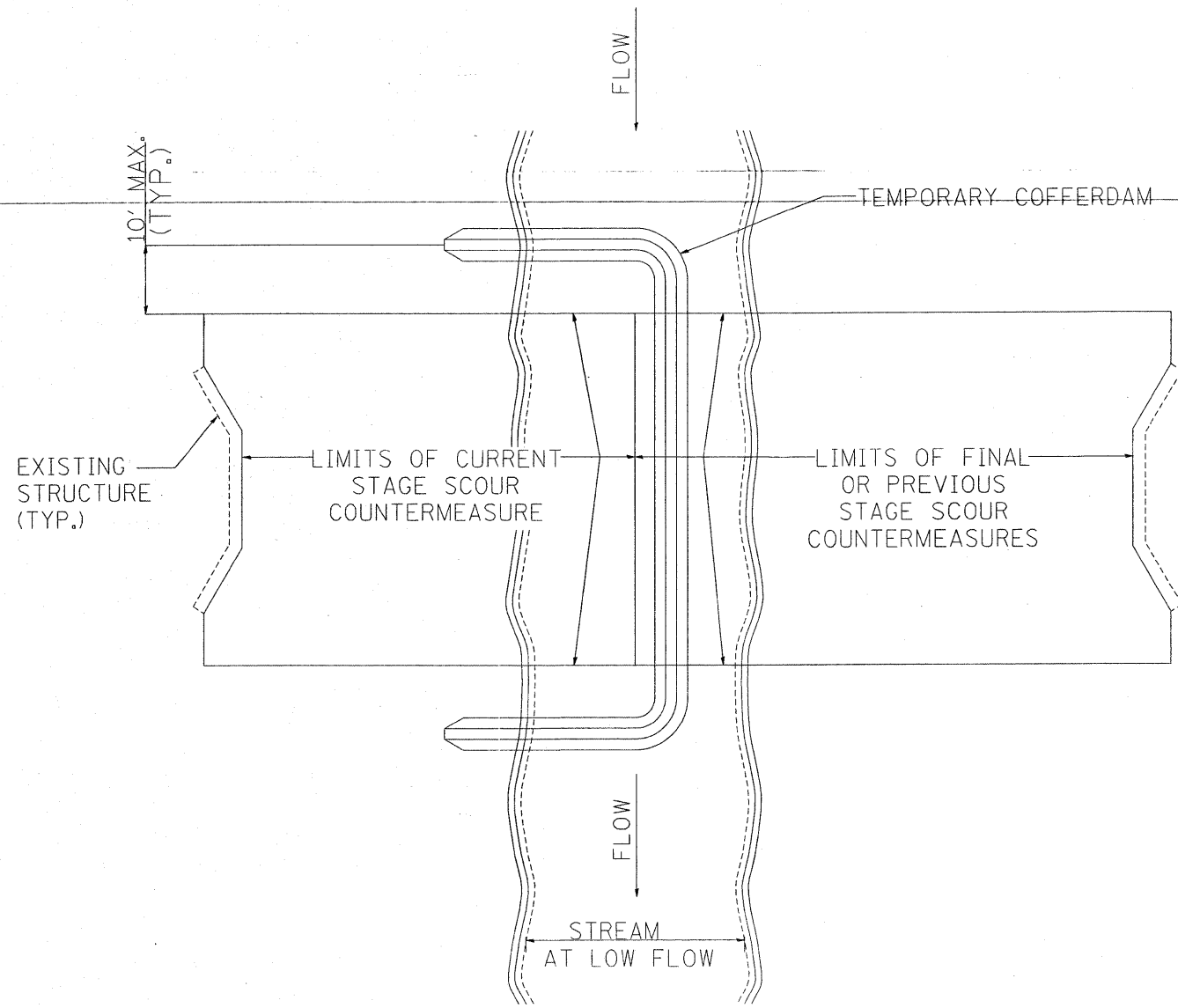
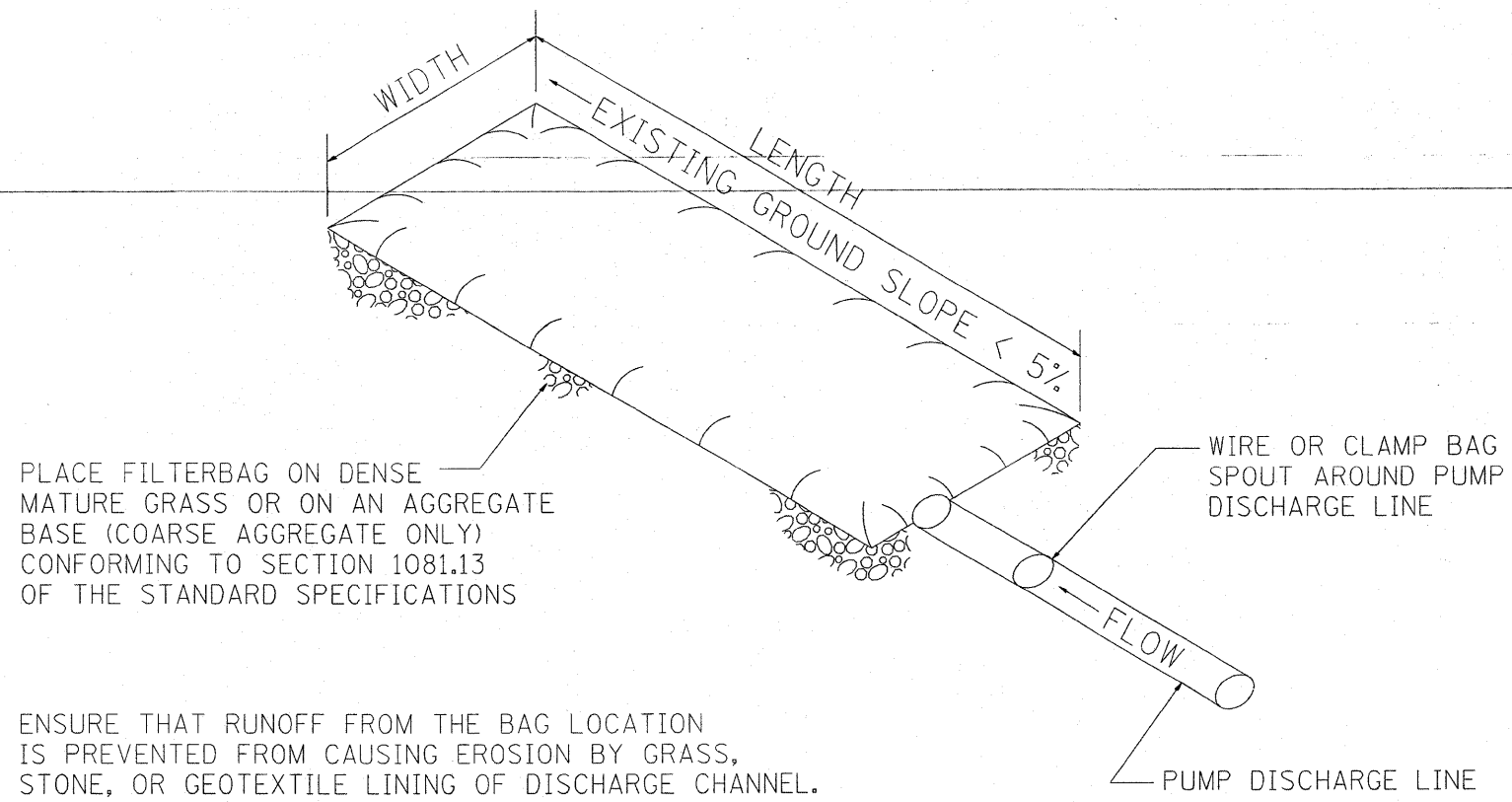


FIGURE D2. STAGED IN-STREAM COFFERDAM DIVISION

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

FILE NAME =	USER NAME = smithkl	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DEWATERING SYSTEM DETAILS TEMPORARY/STAGED COFFERDAM DETAILS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\projects\dl17103\design_shtoa.dgn		DRAWN -	REVISED -		1472	2007-045 I	COOK	12	10				
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 60D35								
PLOT DATE = 2/11/2008		DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 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 TOPOGRAGHY, SEED AND MULCH

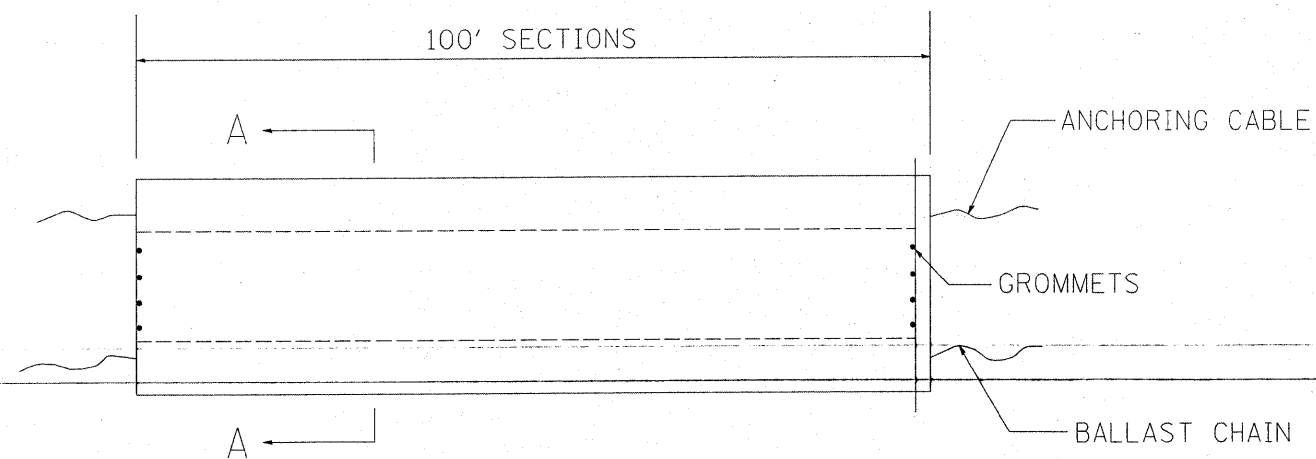
MAINTAIN EXTRA FILTER BAGS ON SITE. REPLACE DAMAGED BAGS PROMPTLY

TYPICAL FLOW RATE: 10 GPM x W x L

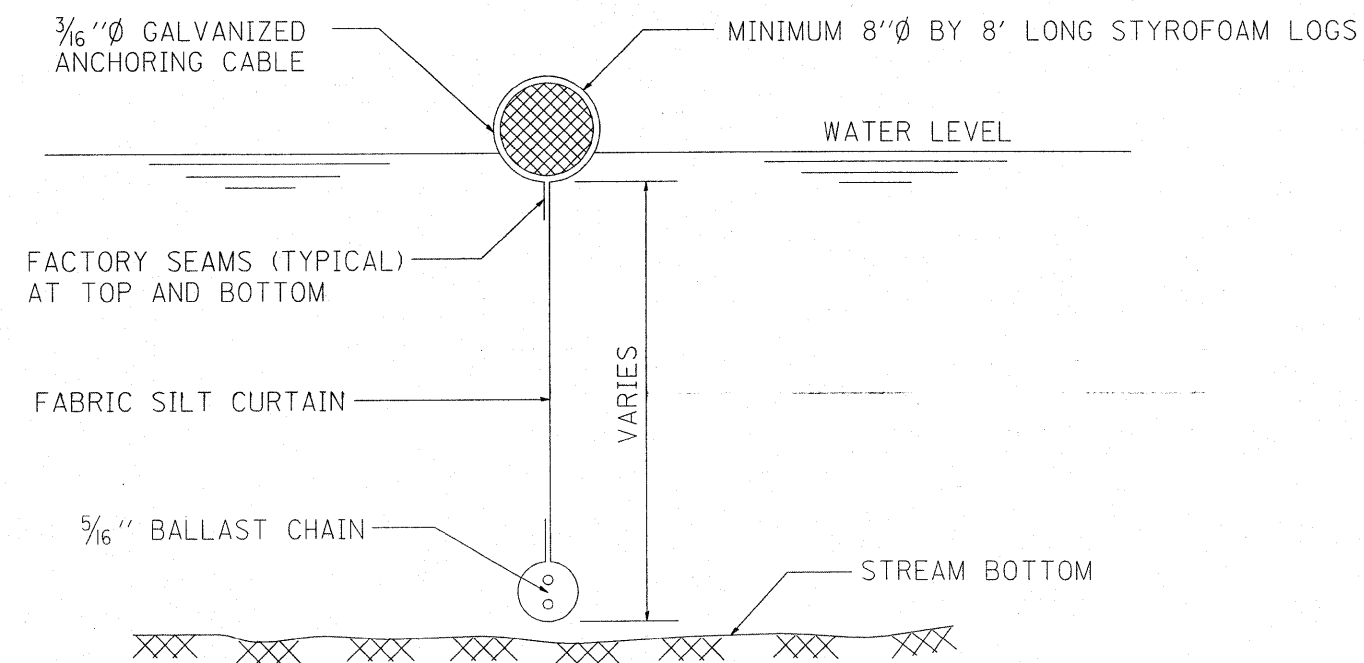
FIGURE S1. SEDIMENT FILTER BAG

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

FILE NAME = c:\projects\dl17103\design_shtaa.dgn	USER NAME = smithkl	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DEWATERING SYSTEM DETAIL SEDIMENT FILTER BAG DETAIL		F.A.U. RTE. 1472	SECTION 2007-045 I	COUNTY COOK	TOTAL SHEETS 12	SHEET NO. 11	
PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
PLOT DATE = 2/11/2008	DATE -	REVISED -	REVISED -		CONTRACT NO. 60D35							



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.

FILE NAME = e:\projects\dl17183\design_shtaa.dgn	USER NAME = am1thkl	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DEWATERING SYSTEM DETAIL FLOTATION BOOM-DETAIL		F.A.U. RTE. 1472	SECTION 2007-045 I	COUNTY COOK	TOTAL SHEETS 12	SHEET NO. 12	
	PLOT SCALE = 50,0000' / IN.	DRAWN -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
	PLOT DATE = 2/11/2008	CHECKED -	REVISED -		CONTRACT NO. 60D35							
		DATE -	REVISED -									