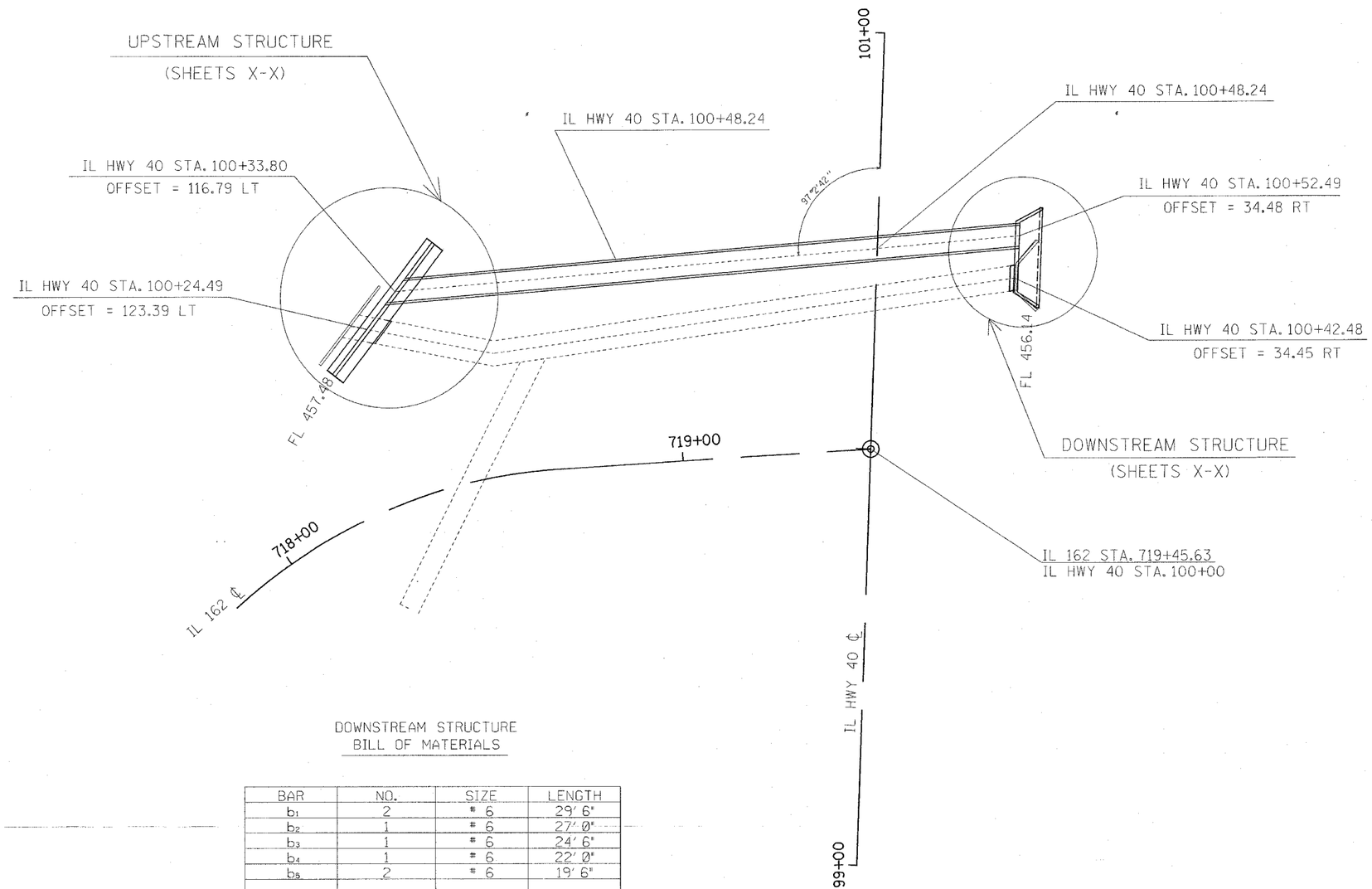
FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
586	60R-2, 37R-1	MADISON	502	239
CONTRACT #76301				



UPSTREAM STRUCTURE BILL OF MATERIALS

BAR	NO.	SIZE	LENGTH
a_1	12	# 6	8'
a_2	3	# 4	7' 6"
a_3	41	# 4	4' 6"
a_4	41	# 4	4' 6"
a_5	6	# 4	2' 10"
a_6	6	# 4	2' 10"
f	7	# 4	5' 4 3/4"
f_1	3	# 8	8' 6"
h	16	# 5	5' 4"
h_1	6	# 5	5' 4"
h_2	6	# 5	5' 4"
h_3	21	# 4	varies
h_4	21	# 4	varies
h_5	28	# 4	6'
l	7	# 4	3'
l_1	3	# 4	8' 6"
k	3	# 4	8' 6"
k_1	7	# 4	2' 9 1/2"
n(E)	32	# 4	3' 5"
s	8	# 4	5' 6"
v	32	# 4	6' 3"
v_1	32	# 4	6' 4"
v_2	4	# 4	7' 8"
v_3	9	# 4	6' 8"
v_4	18	# 4	1' 3"
w	8	# 5	40'
w_1	4	# 5	6' 8"
x	7	# 4	8' 9 1/4"
x_1	6	# 8	8' 1"
z	8	# 8	7' 6"
z_1	2	# 4	7' 6"
z_2	2	# 4	7' 6"
CONCRETE STRUCTURES		CY	37.8
REINFORCEMENT BARS		LBS	2,480
EXPANSION BOLTS		EACH	22

DOWNSTREAM STRUCTURE BILL OF MATERIALS

BAR	NO.	SIZE	LENGTH
b_1	2	# 6	29' 6"
b_2	1	# 6	27' 0"
b_3	1	# 6	24' 6"
b_4	1	# 6	22' 0"
b_5	2	# 6	19' 6"
h_1	1	# 6	34" 3"
h_2	6	# 6	8' 0"
h_3	6	# 6	9' 3"
h_4	7	# 6	3' 0"
s_1	2	# 6	25' 6"
s_2	2	# 4	27' 6"
v_1	22	# 4	8' 11"
v_2	21	# 4	5' 4"
CONCRETE STRUCTURES		CY	9.7
REINFORCEMENT BARS		LBS	870

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BOX CULVERT
STA. 100+48.24 (HWY 40)

FAP ROUTE 586 (IL 162)
SECTION 60R-2, 37R-1
MADISON COUNTY

DRAWN BY:

PLOT DATE: Friday July 02, 2004 @ 10:13:44 AM

PLAN			
NOTE BOOK NO.	SURVEYED / PLOTTED / ALIGNMENT / TIES / CADD FILE NAME	CHECKED / REVIEWED	BY: DATE

7/2/2004
Friday July 02, 2004 @ 10:13:44 AM
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