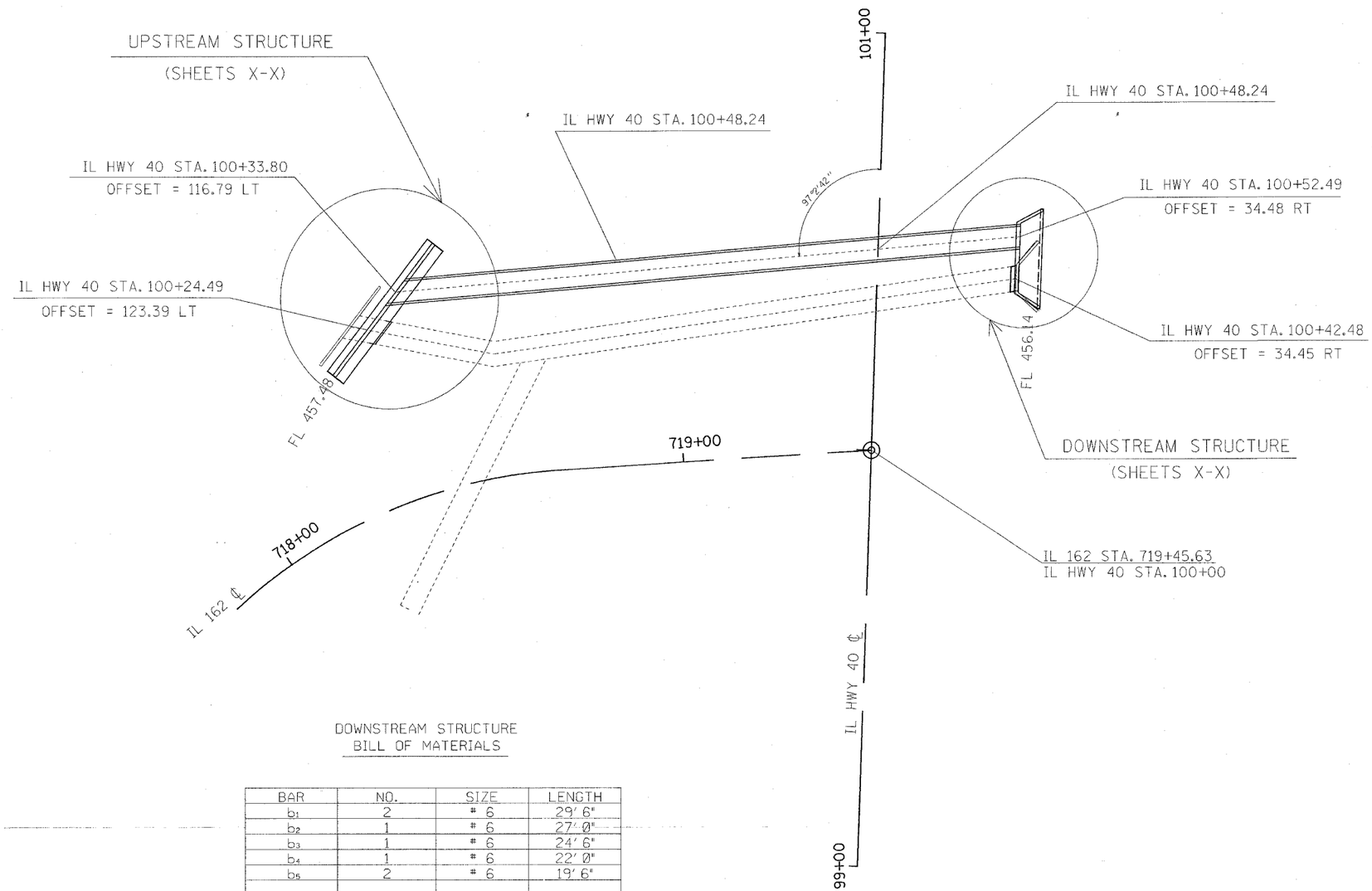
FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
586	60R-2, 37R-1	MADISON	502	239
CONTRACT #76301				



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

PLAN			
NOTE BOOK NO.	SURVEYED		
	PLOTTED		
	ALIGNMENT CHECKED		
	PLOT PLAN CHECKED		
	PLOT PLAN CHECKED		

DATE	BY

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

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