

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	1327B	COOK	108	22
STA. 1503+19.73		TO STA. 1528+17.76		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

STRUCTURE TABLE STA. 1503+19.73 TO STA. 1511+00.00												
STR. NO.	STATION	OFFSET (FT)	STRUCTURE TYPE/SIZE				F&G	INVERTS				RIM ELEV.
			MH	CB	IN	OTHERS		(N)	(S)	(E)	(W)	
1	1504+12.00	25' RT		C			24	692.76	-	-	-	697.14
2	1504+12.00	13' LT		A4			24	691.98	692.04	-	-	697.14
3	1506+08.00	25' RT		C			24	690.22	-	-	-	694.96
4	1506+08.00	13' LT		A4			24	685.27	689.86	-	-	694.96
5	1506+08.00	35' LT				PRC FES 12 IN		-	685.13	-	-	-
6	1508+40.00	25' RT		C			24	688.84	-	-	-	692.34
7	1508+40.00	13' LT		A4			24	-	688.48	688.48	-	692.34
8	1909+28.00	25' RT		A4			24	688.00	-	688.00	-	692.06
9	1509+28.00	13' LT		A5			24	678.47	687.64	687.64	687.64	692.06
10	1509+28.00	35' LT				PRC FES 15 IN		-	678.33	-	-	-
11	1509+38.00	25' RT			A		24	-	-	-	688.07	692.06
12	1509+38.00	13' LT			A		24	-	-	-	687.71	692.06
13A	1509+77.00	45' RT				PRC FES 12 IN		-	-	686.85	-	-
13B	1510+02.00	45' RT				PRC FES 12 IN		-	-	-	686.86	-
13	1509+89.00	45' RT	A6			(BY OTHERS) **	1 OL	675.80	-	686.74	686.74	691.91
14	1510+05.00	31' LT				PRC FES 54 IN		-	675.06	-	-	-

\*\* TO BE DONE BY OTHERS ASSUMING THAT IT WOULD BE CONSTRUCTED PRIOR TO THIS CONTRACT

STRUCTURE TABLE STA. 1503+19.73 TO STA. 1511+00.00										
PIPE NO.	PIPE LOCATION		DESCRIPTION	DIA. (IN)	L (FT)	S (%)	TRENCH BACKFILL (CU YD)	****		
	FROM STR.	TO STR.								
S1	1	2	SS 2 RCP CL 3 12	12	38.00	2.00	13.0	-		
S2	2	PIPE	SS 2 RCP CL 3 12	12	16.00	1.00	5.6	-		
S3	3	4	SS 2 RCP CL 3 12	12	38.00	1.00	13.0	-		
S4	4	5	SS 2 RCP CL 3 12	12	22.00	1.00	28.0	1.8		
S6	6	7	SS 2 RCP CL 3 12	12	38.00	1.00	8.2	-		
S7	7	9	SS 2 RCP CL 3 12	12	88.00	1.00	23.5	-		
S8	8	9	SS 2 RCP CL 3 12	12	38.00	1.00	10.2	-		
S9	9	10	SS 3 RCP CL 4 15	15	22.00	1.00	43.9	1.9		
S11	11	8	SS 2 RCP CL 3 12	12	10.00	1.00	2.4	-		
S12	12	9	SS 2 RCP CL 3 12	12	10.00	1.00	2.7	-		
S13A	13A	13	SS 1 RCP CL 4 12	12	10.00	1.14	-	-		
S13B	13B	13	SS 1 RCP CL 4 12	12	10.00	1.19	-	-		
S13	13	14	SS 2 RCP CL 3 54	54	77.00	2.00	287.6	3.4		

\*\*\*\* ADDITIONAL TRENCH BACKFILL REQUIRED IN AREAS OF STONE COLUMNS, SEE RETAINING WALL PLANS.

PIPE UNDERDRAINS, FABRIC LINED TRENCH 4" TABLE	
STATION	LENGTH
1504+12	38
1506+08	38
1508+40	38
1509+28	38
1511+88	34
1514+38	26
1519+30	26
1521+30	26
1523+30	26
1525+80	26

STRUCTURE TABLE STA. 1511+00.00 TO STA. 1522+00.00												
STR. NO.	STATION	OFFSET (FT)	STRUCTURE TYPE/SIZE				F&G	INVERTS				RIM ELEV.
			MH	CB	IN	OTHERS		(N)	(S)	(E)	(W)	
15	1511+88.00	20.8' RT		C			24	689.29	-	-	-	694.17
16	1511+88.00	13' LT		A4			24	679.88	688.97	-	-	694.17
17	1511+88.00	35' LT				PRC FES 12 IN		-	679.74	-	-	-
18	1514+38.00	13' LT		C			24	686.52	-	-	-	699.70
19	1514+38.00	35' LT				PRC FES 12 IN		-	686.38	-	-	-
20	1519+30.00	13' LT		C			24	692.00	-	-	-	699.49
21	1519+30.00	35' LT				PRC FES 12 IN		-	691.86	-	-	-
22	1521+30.00	13' LT		C			24	686.26	-	-	-	693.75
23	1521+30.00	35' LT				PRC FES 12 IN		-	686.12	-	-	-

STRUCTURE TABLE STA. 1511+00.00 TO STA. 1522+00.00										
PIPE NO.	PIPE LOCATION		DESCRIPTION	DIA. (IN)	L (FT)	S (%)	TRENCH BACKFILL (CU YD)	****		
	FROM STR.	TO STR.								
S15	15	16	SS 2 RCP CL 3 12	12	34.00	1.00	12.0	-		
S16	16	17	SS 3 RCP CL 4 12	12	22.00	1.00	44.3	1.7		
S18	18	19	SS 3 RCP CL 4 12	12	22.00	1.00	40.4	1.7		
S20	20	21	SS 2 RCP CL 3 12	12	22.00	1.00	20.3	-		
S22	22	23	SS 2 RCP CL 3 12	12	22.00	1.00	20.3	-		

\*\*\*\* ADDITIONAL TRENCH BACKFILL REQUIRED IN AREAS OF STONE COLUMNS, SEE RETAINING WALL PLANS.

PROPOSED STRUCTURE TABLE US ROUTE 45							
PIPE NO.	PIPE LOCATION		DESCRIPTION	DIA. (IN)	L (FT)	S (%)	TRENCH BACKFILL (CU YD)
	FROM STR.	TO STR.					
SL1	L1	L2	SS 1 RCP CL 4 12	12	56.0	*	4
SL2	L2	L3	SS 1 RCP CL 4 12	12	75.0	*	4
SL3	L3	L4	SS 1 RCP CL 4 12	12	5.0	*	1
SL4	L4	L5	SS 1 RCP CL 4 15	15	28.0	*	4
SL5	L5	L6	EXIST SS TO REMAIN	EXIST	105.6	*	-

STRUCTURE TABLE STA. 1522+00.00 TO STA. 1528+17.76												
STR. NO.	STATION	OFFSET (FT)	STRUCTURE TYPE/SIZE				F&G	INVERTS				RIM ELEV.
			MH	CB	IN	OTHERS		(N)	(S)	(E)	(W)	
24	1523+30.00	13' LT		C			24	678.58	-	-	-	686.61
25	1523+30.00	44' LT				PRC FES 12 IN		-	678.35	-	-	-
26	1524+50.00	37' RT				PRC FES 15 IN		-	-	-	677.72	-
27	1525+25.00	30.8' RT				PRC FES 15 IN		-	-	677.40	-	-
28	1525+80.00	13' RT		C			24	676.37	-	-	-	679.64
29	1525+80.00	13' LT		A4		WITH FLAT SLAB TOP	24	676.13	676.13	-	-	679.64
30	1525+80.00	24.4' LT				PRC FES 12 IN		-	676.10	-	-	-
31	1526+88.00	28' RT				PRC FES 15 IN		-	-	-	676.11	-
32	1527+12.00	27.7' RT				PRC FES 15 IN		-	-	675.99	-	-
33	1527+80.00	35' RT				PRC FES 15 IN		-	-	-	675.30	-
34	1527+92.75	34.08' RT	A			EXISTING MANHOLE TO REMAIN		-	-	675.05	-	677.95

STRUCTURE TABLE STA. 1522+00.00 TO STA. 1528+17.76										
PIPE NO.	PIPE LOCATION		DESCRIPTION	DIA. (IN)	L (FT)	S (%)	TRENCH BACKFILL (CU YD)	****		
	FROM STR.	TO STR.								
S24	24	25	SS 2 RCP CL 3 12	12	22.00	1.00	22.0	-		
S26	26	27	PIPE CUL CL A TY 1	15	76.00	0.50	11.8	-		
S28	28	29	SS 1 RCP CL 4 12	12	26.00	1.00	4.5	-		
S29	29	30	SS 1 RCP CL 4 12	12	12.00	1.00	2.1	-		
S31	31	32	PIPE CUL CL A TY 1	15	24.00	1.00	1.1	-		
S33	33	34	PIPE CUL CL A TY 1	15	13.00	3.50	-	-		

TEMPORARY STRUCTURE TABLE US ROUTE 45							
PIPE NO.	PIPE LOCATION		DESCRIPTION	DIA. (IN)	L (FT)	S (%)	TRENCH BACKFILL (CU YD)
	FROM STR.	TO STR.					
ST1	T1	T2	PIPE CUL, TY 1 12 (TEMPORARY)	12	56.0	*	4
ST2	T2	T3	PIPE CUL, TY 1 12 (TEMPORARY)	12	75.0	*	4
ST3	T3	T4	PIPE CUL, TY 1 12 (TEMPORARY)	12	5.0	*	1
ST4	T4	T5	PIPE CUL, TY 1 15 (TEMPORARY)	15	28.0	*	4
ST5	T5	T6	EXIST. SS TO REMAIN	EXIST	105.6	*	-

\* MAINTAIN EXISTING INVERTS

PROPOSED STRUCTURE TABLE US ROUTE 45												
STR. NO.	STATION	OFFSET (FT)	STRUCTURE TYPE/SIZE				F&G	INVERTS				RIM ELEV.
			MH	CB	IN	OTHERS		(N)	(S)	(E)	(W)	
L1	293+90.66	54.10' LT			A		24	MANTAIN EXIST INVERTS				677.10
L2	294+47.17	55.79' LT		A4			24	MANTAIN EXIST INVERTS				677.31
L3	295+21.77	57.65' LT		A4			24	***				676.44
L4	295+26.33	58.04' LT		A4			24	MANTAIN EXIST INVERTS				676.95
L5	295+54.07	58.63' LT		A4			24	MANTAIN EXIST INVERTS				677.13
L6	296+59.58	62.39' LT				EXIST. CB TO REMAIN		EXIST	EXIST	EXIST	EXIST	EXIST.

\*\*\* MAINTAIN EXISTING INVERTS FOR REINFORCED CONCRETE PIPES. NEW INVERT = 674.44 FOR PVC SDR 26 PIPE 8"

TEMPORARY STRUCTURE TABLE US ROUTE 45												
STR. NO.	STATION	OFFSET (FT)	STRUCTURE TYPE/SIZE				F&G	INVERTS				RIM ELEV.
			MH	CB	IN	OTHERS		(N)	(S)	(E)	(W)	
T1	293+90.66	49.75' LT			A		1 OL	MANTAIN EXIST INVERTS				677.22
T2	294+47.17	49.75' LT		A4			1 OL	MANTAIN EXIST INVERTS				677.43
T3	295+21.77	49.75' LT		A4			1 OL	MANTAIN EXIST INVERTS				676.56
T4	295+56.33	49.75' LT		A4			1 OL	MANTAIN EXIST INVERTS				677.07
T5	295+54.07	58.63' LT				EXIST CB TO REMAIN		MANTAIN EXIST INVERTS				677.13
T6	296+59.58	62.39' LT				EXIST MH TO REMAIN		MANTAIN EXIST INVERTS				EXIST

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.U. ROUTE 3576 (IL. ROUTE 7)  
**IL. ROUTE 7 DRAINAGE TABLES**  
 SCALE: VERT. HORIZ.  
 DATE: MAR. 10, 2006  
 DRAWN BY BCD  
 CHECKED BY SLR

PLOT DATE = 3/6/2006  
 FILE NAME = W:\V\7\Proposed\Plans\Drainage\URT.dgn  
 PLOT SCALE = #SCALE#  
 REFERENCE = #REF#

NOTE  
 THE CONTRACTOR SHALL KEEP RECORDS OF THE RIM AND INVERTS ELEVATIONS OF THE EXISTING DRAINAGE STRUCTURES TO BE REMOVED ALONG US ROUTE 45. THE SAME INVERTS AND RIM ELEVATIONS ARE TO BE USED FOR THE PROPOSED DRAINAGE STRUCTURES ALONG US ROUTE 45.