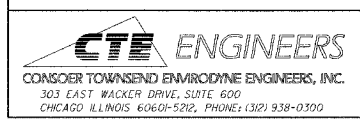


SCHEDULE OF REINFORCEMENT																		
STRUCTURE	REINFORCEMENT BAR						BENDING DIMENSIONS											
	MARK	SIZE NO.	TYPE	LENGTH	NO. REQ'D EACH	WEIGHT-LBS. TOTAL	A	B	C	D	E	F	G	H	J	K	O	R
21" DIA.	21A1	6	9	3'-1"	6	4.63 28		3'-1"						11/4"			2'-1"	12 3/4"
	21A2	6	T3	8'-8"	4	13.02 52											2'-0"	2'-1 1/2"
	21A3	5	12	3'-3"	10	3.39 34			22"	17"				14 1/2"			8 3/4"	
	21A4	5	12	4'-6"	8	4.69 38		15"	22"	17"				14 1/2"			8 3/4"	
	21A5	5	T3	11'-11"	3	12.43 37											20"	3'-3 1/4"
	21A6	4	STR.	3'-8"	12	2.45 30												
	TOTAL						219											
18" DIA.	18A1	6	9	2'-8 1/2"	6	4.07 24		2'-8 1/2"						9 3/4"			22"	11 1/4"
	18A2	6	T3	7'-10 1/2"	4	11.83 47											2'-0"	22 1/2"
		TOTAL						71										
15" DIA.	15A1	6	9	2'-3 1/2"	6	3.44 21		23 1/2"						8 1/4"			19"	9 3/4"
	15A2	6	T3	7'-1"	4	10.64 42											2'-0"	19 1/2"
		TOTAL						63										
12" DIA.	12A1	6	9	1'-11"	6	2.88 17		23"						6 3/4"			16"	8 1/4"
	12A2	6	T3	6'-1"	4	9.14 37											2'-0"	16 1/2"
		TOTAL						54										



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 63rd ST TO 59th ST (FRONTAGE ROAD & RAMPS)

DRAINAGE DETAILS
TYPE "A" MANHOLE
FOR SEWER 21" DIA. & SMALLER

SCALE: NONE
 DATE: October 29, 2004

DRAWN BY: JB
 CHECKED BY: EY

10/27/2004 02:07:35 PM \\c:\p\m\940466\p\40466.dwg CIVIL\4-cmr\36-us\drainage and utility plan\9403032.dwg