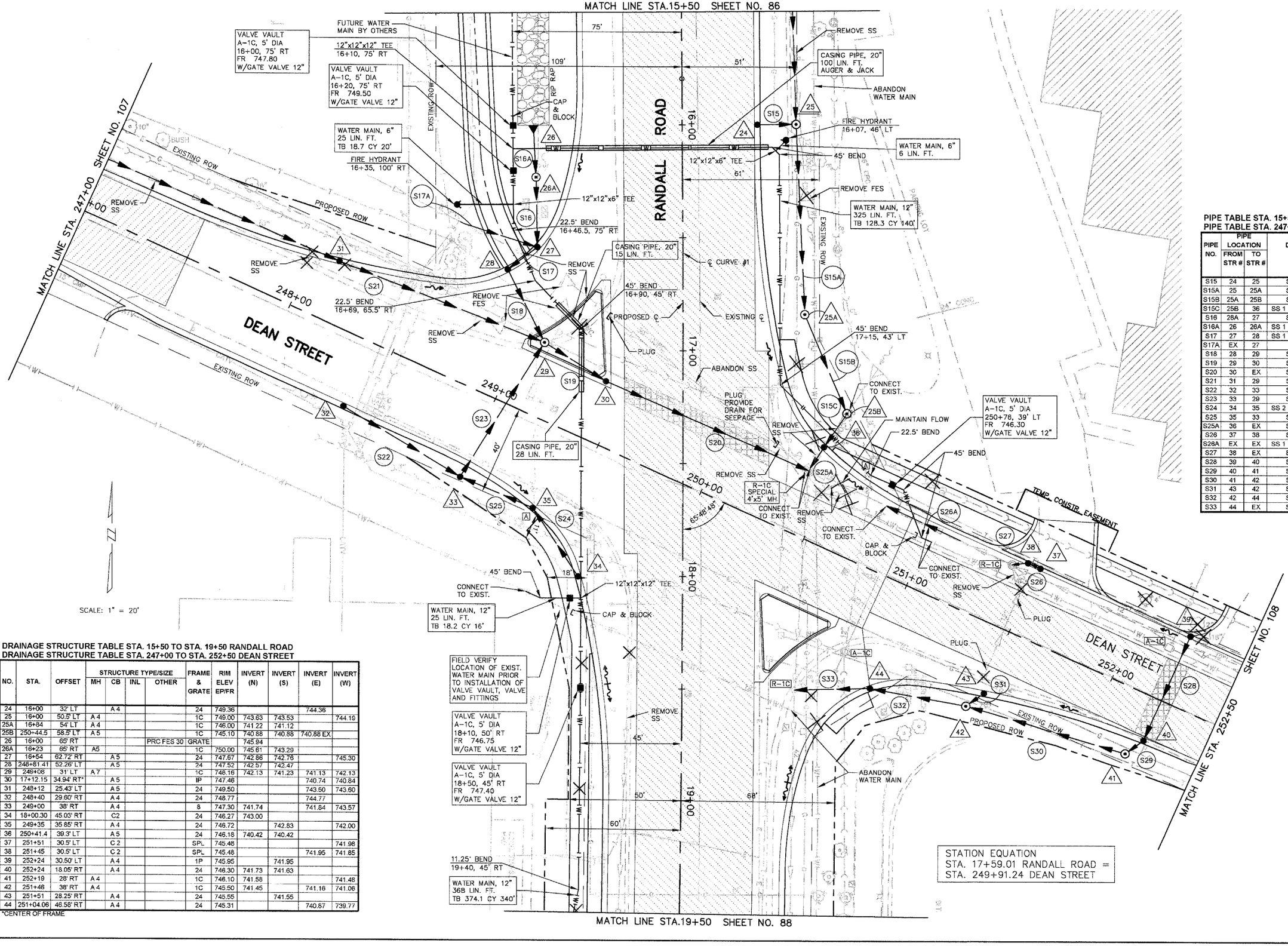
March 01, 2005 1:03:05 p.m.
D:\LD2\C3050181_PHASE1\DWG\PP-DRAINAGE_RANDALL.DWG

F.A.P. ROUTE	COUNTY SECTION	COUNTY	TOTAL SHTS.
336	99-00243-00-PV	KANE	268
	CONTRACT NO. 83782		
UTILITY PLAN STA. 15+50 TO STA. 19+50			
F.H.W.A. REG.5	ILLINOIS	PROJECT F-0336(0	



RANDALL ROAD ℄ CURVE #1

INCLUDED ANGLE = 01°-32'-13"
RADIUS = 17520.00'
TANGENT LENGTH = 234.98'
ARC LENGTH = 469.93'
CHORD LENGTH = 469.92'
EXTERNAL SECANT = 1.58'
MID ORDINATE = 1.58'
DEGREE OF CURVE = 00°-19'-37"
PC STA. = 15+79.77
PT STA. = 20+49.70

PIPE TABLE STA. 15+50 TO STA. 19+50 RANDALL ROAD
PIPE TABLE STA. 247+00 TO STA. 252+50 DEAN STREET

PIPE NO.	PIPE LOCATION FROM STR #	PIPE LOCATION TO STR #	DESCRIPTION	DIA (IN)	L (FT)	S (%)	TRENCH BACKFILL L (FT)	TRENCH BACKFILL VOL (CY)
S15	24	25	SS 2 RCCP IV	12	17	1.00	2	1.4
S15A	25	25A	SS 2 RCCP IV	18	84	2.75		
S15B	25A	25B	SS 2 RCCP IV	18	47	0.50		
S15C	25B	36	SS 1 RCCP IV "O" RING	24	18	2.52	10	6.8
S16	28A	27	SS 1 RCCP IV	30	30	1.43	5	4.2
S16A	26	26A	SS 1 RCCP IV "O" RING	30	17	1.43		
S17	27	28	SS 1 RCCP IV "O" RING	30	19	1.00	19	2.4
S17A	EX	27	SS 1 PVC	8	35	5.00	30	4.2
S18	28	29	SS 1 RCCP IV	30	34	1.00	34	7.7
S19	29	30	SS 2 RCCP IV	42	32	0.90	32	33.3
S20	30	EX	SS 2 RCCP IV	42	99	0.90	99	49.7
S21	31	29	SS 2 RCCP IV	30	96	1.43	96	34.8
S22	32	33	SS 1 RCCP IV	12	60	2.00	30	9.0
S23	33	29	SS 2 RCCP IV	12	69	0.74	69	25.0
S24	34	35	SS 2 RCCP IV "O" RING	12	37	0.46	37	10.3
S25	35	33	SS 2 RCCP IV	12	35	0.46	16	10.6
S25A	36	EX	SS 2 RCCP IV	24	12	2.52	12	11.1
S26	37	38	SS 1 RCCP IV	12	6	0.44	6	0.8
S26A	EX	EX	SS 1 RCCP IV "O" RING	12	35	EX	35	11.2
S27	38	EX	SS 1 RCCP IV	12	6	0.44	6	0.8
S28	39	40	SS 2 RCCP IV	12	50	0.44	50	9.7
S29	40	41	SS 2 RCCP IV	12	10	0.50	3	1.2
S30	41	42	SS 2 RCCP IV	12	73	0.44		
S31	43	42	SS 1 RCCP IV	12	10	1.00	8	1.0
S32	42	44	SS 2 RCCP IV	12	42	0.45	8	2.9
S33	44	EX	SS 2 RCCP IV	12	34	1.00	34	9.8

DRAINAGE STRUCTURE TABLE STA. 15+50 TO STA. 19+50 RANDALL ROAD
DRAINAGE STRUCTURE TABLE STA. 247+00 TO STA. 252+50 DEAN STREET

NO.	STA.	OFFSET	STRUCTURE TYPE/SIZE MH	CB	INL	OTHER	FRAME & GRATE	RIM ELEV EP/FR	INVERT (N)	INVERT (S)	INVERT (E)	INVERT (W)
24	16+00	32' LT		A 4			24	749.36			744.36	
25	16+00	50.5' LT	A 4				1C	749.00	743.63	743.53		744.19
25A	16+84	54' LT	A 4				1C	746.00	741.22	741.12		
25B	250+44.5	58.5' LT	A 5				1C	745.10	740.88	740.88	740.88 EX	
26	16+00	65' RT				PRC FES 30	GRATE		745.94			
26A	16+23	65' RT	A5				1C	750.00	745.61	743.29		
27	16+54	62.72' RT		A 5			24	747.67	742.86	742.76		745.30
28	248+81.41	52.26' LT		A 5			24	747.52	742.57	742.47		
29	248+08	31' LT	A 7				1C	748.16	742.13	741.23	741.13	742.13
30	17+12.15	34.94' RT*		A 5			IP	747.46			740.74	740.84
31	248+12	25.43' LT		A 5			24	749.50			743.50	743.60
32	248+40	29.60' RT		A 4			24	748.77			744.77	
33	249+00	38' RT		A 4			8	747.30	741.74		741.84	743.57
34	18+00.30	45.03' RT		C2			24	746.27	743.00			
35	249+35	35.85' RT		A 4			24	746.72		742.83		742.00
36	250+41.4	39.3' LT		A 5			24	746.18	740.42	740.42		
37	251+51	30.5' LT		C 2			SPL	745.48				741.98
38	251+45	30.5' LT		C 2			SPL	745.48			741.95	741.85
39	252+24	30.50' LT		A 4			1P	745.95		741.95		
40	252+24	18.05' RT		A 4			24	746.30	741.73	741.63		
41	252+19	28' RT	A 4				1C	746.10	741.58			741.48
42	251+46	38' RT	A 4				1C	745.50	741.45		741.16	741.06
43	251+51	28.25' RT		A 4			24	745.55		741.55		
44	251+04.06	46.58' RT		A 4			24	745.31			740.87	739.77

*CENTER OF FRAME