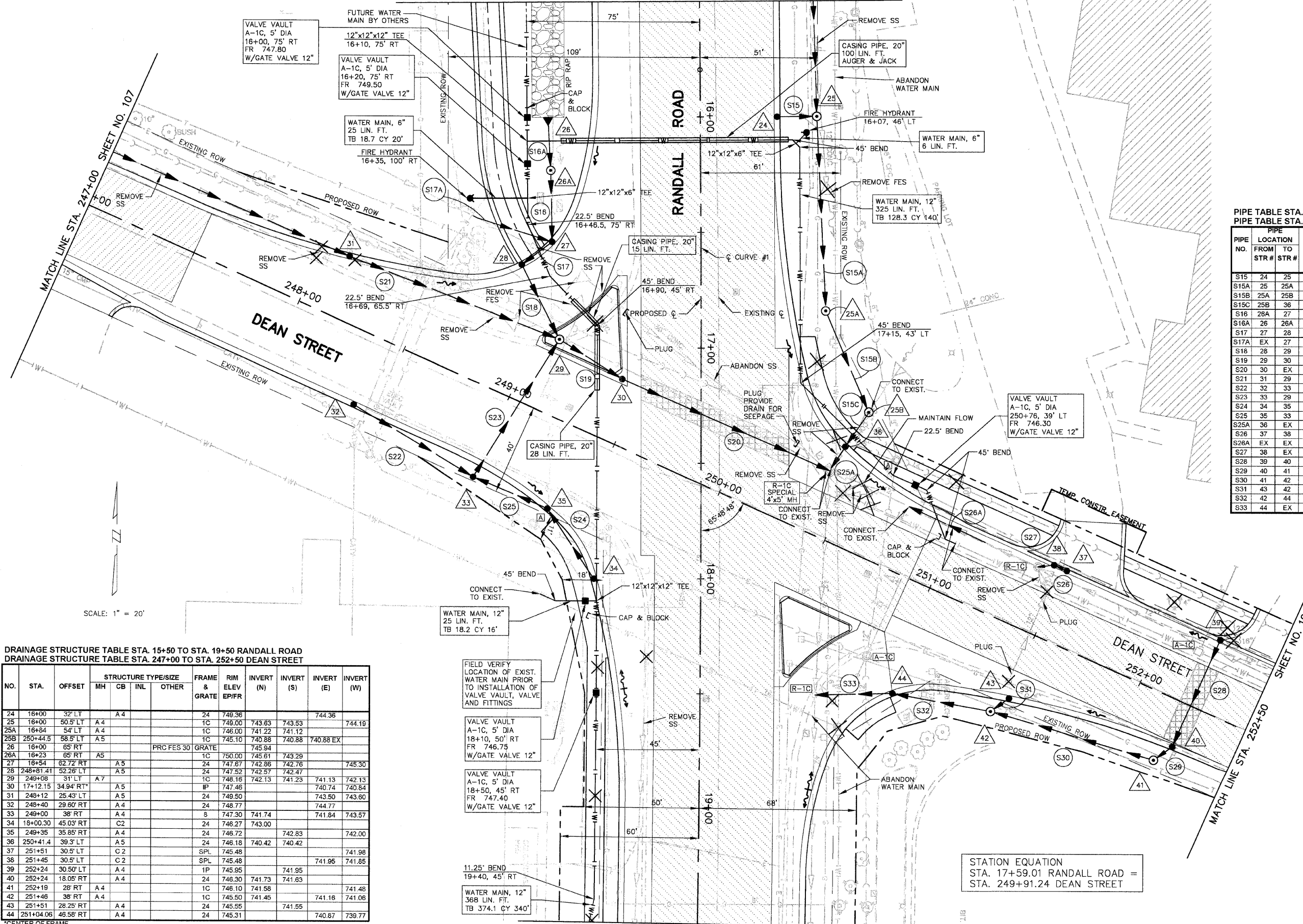


MATCH LINE STA.15+50 SHEET NO. 86



**RANDALL ROAD
 Q 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.	LOCATION		DESCRIPTION	DIA (IN)	L (FT)	S (%)	TRENCH BACKFILL	
	FROM STR #	TO STR #					L (FT)	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	89	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 2 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	3	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				FRAME & GRATE	RIM ELEV EP/FR	INVERT (N)	INVERT (S)	INVERT (E)	INVERT (W)
			MH	CB	INL	OTHER						
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	EX	
26	16+00	65' RT			PRC FES 30	GRATE		745.94				
26A	16+23	65' RT	A 5				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	52.28' LT	A 5				24	747.52	742.57	742.47		
29	249+08	31' LT	A 7				1C	748.16	742.13	741.23	741.13	
30	17+12.15	34.94' RT	A 5				IF	747.48		740.74	740.84	
31	249+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	
34	19+00.30	45.03' RT	C 2				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	
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	
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

MATCH LINE STA.19+50 SHEET NO. 88

STATION EQUATION
 STA. 17+59.01 RANDALL ROAD =
 STA. 249+91.24 DEAN STREET