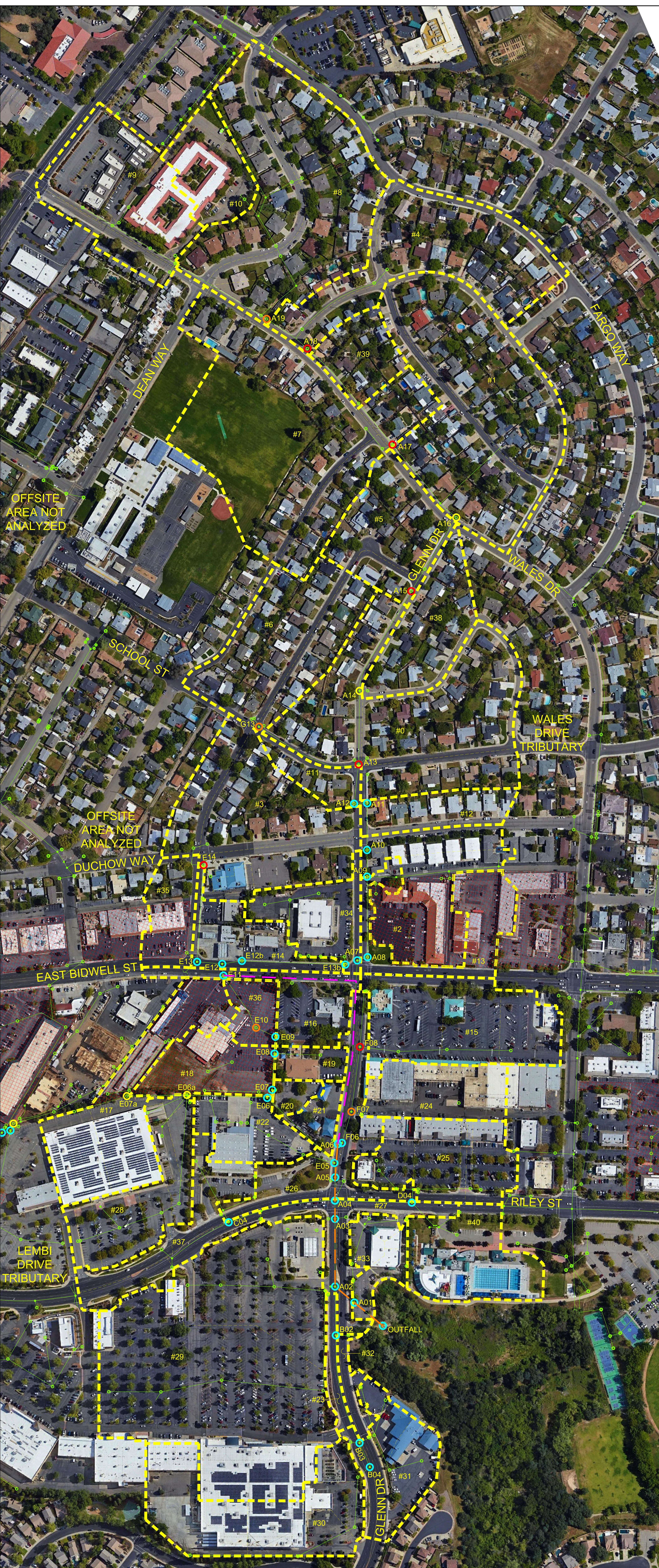




GLENN DRIVE TRIBUTARY - CATCHMENTS									
CATCHMENT	SUBCATCHMENT	AREA ACRES	PERCENT AREA	INVERT ELEVATION	PEAK FLOW (CFS)	PEAK FLOW (MGD)	PEAK FLOW (MGD)	PEAK FLOW (MGD)	PEAK FLOW (MGD)
1	2	3	4	5	6	7	8	9	10
33	1	A01	1.3	95	276.97	288.22	281.85	6.27	0.0
23	1	A02	0.5	98	100	0.01	1.5	0	0.0
29	2	A02	15.0	95	100	0.01	1.5	0	0.0
27	1	A02	1.9	98	100	0.01	1.5	0	0.0
26	1	A04	3.2	95	25	0.24	5.8	0	0.0
13	1	A08	2.4	98	100	0.01	1.5	0	0.0
7	1	A09	4.1	95	100	0.01	1.5	0	0.0
12	1	A11	1.6	95	100	0.24	37.6	0	0.0
11	1	A12	1.0	92	69	0.24	13.1	0	0.0
0	1	A13	8.8	92	100	0.24	37.6	14	0.2
38	1	A14	2.9	92	100	0.24	37.6	4	0.1
5	1	A15	3.4	92	100	0.24	37.6	19	0.3
1	1	A16	9.7	87	100	0.24	37.6	33	0.6
4	1	A18	6.2	92	100	0.24	37.6	22	0.4
39	2	A18	1.6	92	100	0.24	37.6	90	1.5
8	1	A19	9.8	92	100	0.24	37.6	80	1.3
1	2	A19	4.5	95	100	0.01	1.5	0	0.0
3	1	A19	2.1	95	100	0.01	1.5	0	0.0
32	1	B02	0.5	98	100	0.01	1.5	0	0.0
31	1	B03	2.3	92	100	0.01	1.5	0	0.0
30	1	B04	5.1	95	100	0.01	1.5	0	0.0
37	1	C04	3.0	98	100	0.01	1.5	0	0.0
25	1	D04	3.4	95	100	0.01	1.5	0	0.0
40	2	D04	3.1	95	40	0.24	8.4	0	0.0
22	1	E05	1.9	98	100	0.01	1.5	0	0.0
28	1	F06	3.4	95	100	0.01	1.5	0	0.0
20	1	G01	1.4	95	100	0.01	1.5	0	0.0
17	1	G02	4.6	98	100	0.01	1.5	0	0.0
18	2	G02	2.2	87	70	0.24	13.1	0	0.0
19	1	F08	0.7	95	98	0.01	1.5	0	0.0
36	1	F08	0.3	98	100	0.01	1.5	0	0.0
16	1	F11	2.1	95	100	0.01	1.5	0	0.0
14	1	F12	2.1	98	100	0.01	1.5	0	0.0
1	1	F13	1.6	95	31	0.24	6.9	0	0.0
34	1	F13	2.2	95	100	0.01	1.5	0	0.0
3	1	F14	6.5	92	100	0.24	37.6	53	0.9
21	1	F06	0.7	95	100	0.01	1.5	0	0.0
24	1	F07	2.3	98	100	0.01	1.5	0	0.0
15	1	F08	4.8	95	100	0.01	1.5	0	0.0
6	1	G13	5.1	92	99	0.24	37.4	0	0.0

GLENN DRIVE TRIBUTARY - NODES (10YR)									
Name	Subcatchment	Area Acres	Percent Area	Invert Elevation	Peak Flow (CFS)	Peak Flow (MGD)	Peak Flow (MGD)	Peak Flow (MGD)	Peak Flow (MGD)
1	2	3	4	5	6	7	8	9	10
A01	1	1.3	95	276.97	288.22	281.85	6.27	0.0	0.0
A02	1	0.5	98	276.97	288.22	281.85	6.27	0.0	0.0
A02	2	15.0	95	276.97	288.22	281.85	6.27	0.0	0.0
A03	1	1.9	98	277.61	287.33	286.52	1.39	0.0	0.0
A04	1	3.2	95	277.61	287.33	286.52	1.39	0.0	0.0
A05	0.0	0	276.26	286.50	286.00	0.50	0.0	0.0	0.0
A06	0.0	0	282.94	289.70	287.81	1.89	0.0	0.0	0.0
A07	0.0	0	289.90	286.25	295.32	2.88	0.0	0.0	0.0
A08	1	2.4	98	290.68	297.43	296.76	1.67	0.0	0.0
A09	1	4.0	95	291.61	286.86	297.95	0.91	0.0	0.0
A10	0.0	0	292.03	286.86	298.25	0.60	0.0	0.0	0.0
A11	1	1.6	92	292.58	299.00	299.00	0.00	0.5	0.5
A12	1	1.0	92	292.67	299.00	299.00	0.00	0.5	0.5
A13	1	8.8	92	294.91	300.41	300.41	1.43	10.4	10.4
A14	1	2.9	92	295.79	305.16	305.16	0.72	5.7	5.7
A15	1	3.4	92	304.48	309.23	310.31	1.08	10.1	10.1
A16	1	9.7	87	306.11	314.11	314.29	0.18	29.3	29.3
A17	1	11.4	87	309.37	315.12	316.60	1.48	97.3	97.3
A18	1	6.2	92	311.99	317.24	319.86	1.91	17.0	17.0
A19	1	9.8	92	312.99	321.07	321.98	0.53	53.6	53.6
A19	4.9	95							
A19	3	2.1	95						
B02	1	0.5	98	283.41	288.41	286.24	2.17	0.0	0.0
B03	1	2.7	95	285.46	290.46	290.47	1.8	0.0	0.0
B04	1	5.1	95	286.87	290.87	290.88	0.0	1.9	1.9
C04	1	3.0	98	282.15	289.00	286.55	2.45	0.0	0.0
D04	1	3.4	95	282.01	290.21	290.29	0.08	7.0	7.0
D04	3.1	95							
E05	1	1.9	98	278.37	287.69	286.05	1.64	0.0	0.0
E06	0.0	0	278.85	287.75	286.50	1.25	0.0	0.0	0.0
E06	3.4	95	278.85	287.75	286.50	1.25	0.0	0.0	0.0
E07	1	0.4	95	279.21	287.06	286.53	0.51	0.0	0.0
E07	1	4.6	98	279.69	291.52	291.97	0.45	25.2	25.2
E07	2	2.1	87						
E08	0.7	95	280.04	289.24	286.76	2.48	0.0	0.0	0.0
E09	0.0	0	280.86	288.36	286.90	1.46	0.0	0.0	0.0
E10	1	0.9	98	280.62	286.02	287.01	0.30	30.9	30.9
E11	1	2.1	95	282.24	287.03	287.03	0.72	0.0	0.0
E12	0.0	0	283.24	288.69	287.08	1.61	0.0	0.0	0.0
E12	1	2.1	98	283.24	287.38	287.09	0.20	0.3	0.3
E13	1	1.6	95	285.70	289.27	287.56	1.71	0.0	0.0
E13	1	2.2	95	286.35	295.72	289.99	5.86	0.0	0.0
E14	1	6.5	92	290.08	292.16	292.61	0.69	74.7	74.7
F06	1	0.7	95	283.72	289.87	287.88	1.90	0.0	0.0
F07	1	2.3	98	287.62	292.97	292.97	0.4	6.4	6.4
F08	1	4.8	95	290.55	295.65	296.32	0.67	83.8	83.8
G13	1	5.1	92	302.23	309.73	310.01	0.28	35.4	35.4
OUTFALL	0.0	0	278.08	288.15	279.75	9.40	0.0	0.0	0.0

GLENN DRIVE TRIBUTARY - LINKS (10YR)																
Name	Downstream Node Name	Downstream Invert Elevation (ft)	Upstream Node Name	Upstream Invert Elevation (ft)	Link Length (ft)	Link Slope (%)	Link Shape	Roughness	Design Length (ft)	Design Inlet Flow (cfs)	Design Outlet Flow (cfs)	Max Time to Peak (hr)	Max Velocity (ft/s)			
LINK001	OUTFALL	276.08	A01	276.97	281.99	A02	278.03	283.46	Circular	0.015	133.8	4	0.66	10.1	12.0	7.2
LINK002	A01	276.97	A02	278.03	283.46	Circular	0.015	93.3	4	0.16	134	157.3	12.0	7.2		
LINK003	A02	278.03	A03	277.61	284.87	Circular	0.015	46.6	4	0.17	51.5	96.6	12.10	7.6		
LINK004	A03	277.61	A04	277.61	284.87	Circular	0.015	46.6	4	0.17	51.5	96.6	12.10	7.6		
LINK005	A04	278.06	A05	278.06	286.12	Circular	0.015	84.5	3	-0.28	30.8	7.2	12.22	10.1		
LINK006	A05	281.80	A06	282.94	287.92	Circular	0.015	121.5	2.5	0.10	37.3	44.0	12.18	8.9		
LINK007	A06	282.94	A07	289.90	295.38	Circular	0.015	167.4	2.5	0.10	37.3	44.0	12.18	8.9		
LINK008	A07	289.90	A08	290.68	291.61	Circular	0.015	39.1	2.5	0.19	50.2	39.9	12.02	9.8		
LINK009	A08	290.68	A09	291.61	286.05	Circular	0.015	292.4	2.5	0.10	37.3	44.0	12.18	8.9		
LINK010	A09	291.61	A10	292.03	286.86	Circular	0.015	96.9	2.5	0.10	37.3	44.0	12.18	8.9		
LINK011	A10	292.03	A11	292.58	298.85	Circular	0.015	170.3	2.5	0.10	37.3	44.0	12.18	8.9		
LINK012	A11	292.58	A12	292.67	299.00	Circular	0.015	47.7	2.25	0.19	31.7	32.1	12.72	8.0		
LINK013	A12	292.67	A13	294.91	300.41	Circular	0.015	144.0	2	0.51	14.1	31.8	12.73	10.0		
LINK014	A13	294.91	A14	295.79	305.16	Circular	0.015	267.1	2	1.81	26.8	28.1	12.72	8.0		
LINK015	A14	295.79	A15	304.48	310.31	Circular	0.015	313.8	2	0.52	14.1	31.8	12.73	10.0		
LINK016	A15	304.48	A16	306.11	314.29	Circular	0.015	313.8	2	0.52	14.1	31.8	12.73	10.0		
LINK017	A16	308.31	A17	312.49	317	Circular	0.015	352.8	2	0.36	11.7	19.1	12.00	6.1		
LINK018	A17	312.49	A18	311.99	317.24	Circular	0.015	467.2	2	0.54	14.5	17.1	12.00	6.1		
LINK019	A18	311.99	A19	312.99	321.98	Circular	0.015	383.4	1.5	0.55	6.7	14.1	12.00	6.1		
LINK020	A02	282.94	B01	282.41	288.36	Circular	0.015	177.4	2	0.51	14.0	21.5	12.07	6.9		
LINK021	B01	282.41	B02	285.46	290.47	Circular	0.015	406.6	2	0.51	13.9	21.5	12.07	6.9		
LINK022	B02	285.46	B03	286.87	290.88	Circular	0.015	95.2	1	0.43	12.9	13.9	12.08	6.4		
LINK023	A04	277.61	C04	282.15	286.61	Circular	0.015	396.6	1.75	0.61	10.7	8.5	12.05	5.3		
LINK024	A04	280.00	D04	282.01	290.29	Circular	0.015	279.4	1.5	0.72	7.7	14.1	12.07	6.9		
LINK025	A05	278.37	E05	278.37	286.16	Circular	0.015	52.4	3	0.29	30.9	27.8	10.77	3.9		
LINK026	E05	278.37	E06	278.85	286.50	Circular	0.015	339.8	2.5	0.14	33.4	27.7	12.28	5.6		
LINK027	E06	278.85	E07	279.21	287.06	Circular	0.015	291.5	1.5	0.36	5.4	13.0	12.00	7.1		
LINK028	E07	279.21	F07	280.00	286.76	Circular	0.015	311.8	2	0.63	15.6	18.7	12.45	5.9		
LINK029	E08	280.10	F08	280.86	286.95	Circular	0.015	134.4	2	1.24	21.8	14.5	12.58	5.8		
LINK030	F08	280.86	F09	280.86	297.01	Circular	0.028	77.6	3	-0.31	27.2	18.4	13.44	24.6		
LINK031	F09	280.86	F10	281.99	287.17	Circular	0.015	122.3	3	0.43	22.9	14.5	12.58	5.8		
LINK032	E11	283.24	B07	282.47	283.24	Rectangular	0.016	42.6	3	0.2	20.6	20.6	10.31	3.3		
LINK033	E12	283.24	B07	282.47	283.24	Rectangular	0.015	12.5	2.25	0.20	1.1	15.7	12.03	3.2		
LINK034	E12	284.74	B07	283.24	285.70	Rectangular	0.015	93.8	1.5	1.05	9.3	7.2	12.06	5.2		
LINK035	E12	284.74	B07	283.24	285.70	Rectangular	0.015	93.8	1.5	1.05	9.3	7.2	12.06	5.2		
LINK036	E14	286.40	F07	286.40	290.29	Circular	0.015	352.7	1	1.04	3.2	9.9	12.52	5.0		
LINK037	A06	284.93	F07	286.40	290.29	Circular	0.015	15.7	1.5	1.87	5.4	16.0	12.00	7.2		
LINK038	F07	286.40	F08	287.06	287.06	Circular	0.015	22.3	2.25	0.36	1.1	12.00	7.2			
LINK039	F08	287.06	F09	287.06	296.76	Circular	0.015	217.6	0.83	1.23	2.1	12.93	5.7			
LINK040	A13	296.11	B04	310.31	302.63	Rectangular	0.015	248.0	1	1.53	3.8	12.47	12.58			