

SPRING CREEK

Drainage Basin Planning Study

City of Colorado Springs and El Paso County

APPENDIX A - RESULTS OF EXISTING FACILITY INVENTORY

APPENDIX B - SUPPORTING DOCUMENTATION

NOT TO BE CHECKED OUT



October, 1993

Spring Creek DBPS
March 22, 1993

APPENDIX A

FACILITY INVENTORY

SPRING CREEK DRAINAGE BASIN PLANNING STUDY
 DRAINAGE FACILITY INVENTORY FORM
 DATE: 10-17-91

STRUCTURE NUMBER	MAP #	LOCATION/ DESCRIPTION	SIZE	TYPE	SLOPE	LENGTH	MAINTENANCE RESPONSIBILITY	OUTLET PIPE CHARACT.	SPILLWAY CHARACT.	CONDITION	REMARKS
02-PIP-48	L21	GOMER AVE. & BASSETT DR.	24"	CS	1.6	42'		CITY			
02-PIP-49	L21	GOMER AVE. & BASSETT DR.	48"	CS	1.7	102'		CITY			
02-1NL-50	L21	GOMER AVE. & BASSETT DR.	8'	D-10R				CITY			
02-PIP-51	L21	SOUTH ON BASSETT DR.	48"	CS	VARIES	273'		CITY			
02-MAN-52	L21	SOUTH ON BASSETT DR.	4'	PRECAST				CITY			
02-PIP-53	L21	SOUTH ON BASSETT DR.	48"	CS	1.52	417'		CITY			
02-1NL-54	L21	CIRCLE DR. & BASSETT DR.	10'+/-	RADIAL C.B.				CITY			
02-PIP-55	L21	54 TO 56	48"	CS	1.19	129'		CITY			
02-PIP-57	L21	SOUTH ON CIRCLE DR.	48"	CS	1.74	453'		CITY			
02-PIP-58	L21	CIRCLE DR.	72"	RCP		240'		CITY			
02-1NL-59	L22	E. SIDE BOGGS PL.	10'	D-10R				CITY			
02-PIP-60	L22	59 TO 64	21"	RCP	3.0	65'		CITY			
02-1NL-61	L22	W. SIDE BOGGS PL.	8'	D-10R				CITY			
02-1NL-62	L22	FOUNTAIN BLVD. & BOGGS PL.	6'	D-10R				CITY			
02-PIP-63	L22	62 TO 64	15" X 26"	RCAP	0.5	15'		CITY			
02-PIP-64	L22	63 TO 67	30"	RCP	0.95	76'		CITY			
02-1NL-65	L22	S. SIDE FOUNTAIN BLVD. & BOGGS	6'	D-10R				CITY			
02-PIP-66	L22	S. SIDE FOUNTAIN BLVD. & BOGGS	18"	RCP	3.26	33'		CITY			
02-PIP-67	L22	S. SIDE FOUNTAIN BLVD.	33"	RCP	0.086	99'		CITY			
02-1NL-68	L22	S. SIDE FOUNTAIN BLVD.	14'	D-10R				CITY			
02-PIP-69	L22	68 TO 67; 70	42"	RCP		15'		CITY			
02-PIP-70	L22	S. SIDE FOUNTAIN BLVD.	42"	RCP	SEE RE:	537'		CITY			0.36 to 0.44
02-1NL-71	L22	S. SIDE FOUNTAIN BLVD.	6'	D-10R				CITY			
02-PIP-72	L22	S. SIDE FOUNTAIN BLVD.	36"	RCP	1.22	397'		CITY			
02-CHA-73	L22	DRAINAGE CHAN. N. SIDE FOUNTAIN BLVD.	V-DITCH, D=6', Z=1:1	CONC.		1415+/-		CITY			
02-PIP-74	L22	N. SIDE FOUNTAIN BLVD.	60"	RCP	3.00	100'		CITY			
02-1NL-75	L22	S. SIDE FOUNTAIN BLVD.	4'	D-10-R				CITY			
02-PIP-76	L22	75 TO PROSPECT PARK GREEN BELT	60"	RCP	SEE RE:	480'		CITY			(405') 7.78 & 2.40 (75')
02-PIP-77	L22	S.H. 29 & FOUNTAIN BLVD.	48"	CMP	2.20	320'		CDON		FAIR	
02-BRI-78	L22	BRIDGE UNDER FOUNTAIN BLVD. E. OF S.H. 29	31' SPAN X 10' D	BRIDGE				CITY			
02-CHA-79	L22	DRAINAGE CHANNEL FOUNTAIN BLVD. & S.H. 29	B=36', D=10'	CONC.	1.5	370'		CDON		FAIR	
02-PIP-80	L22	E. OF S.H. 29	(3)54"	CMP	1.47	460+/-		CITY		POOR	
02-PIP-81	L23	VERDE & CAPULIN DR.	(3)54"	CMP	1	66'		CITY			
02-CHA-82	L23	DRAINAGE CHANNEL S. OF VERDE DR.	B=4', D=6', Z=1:1	CONC				CITY			
02-1NL-83	M19	N. SIDE GALLEY & CIRCLE DR.	6'	D-10R				CITY			
02-PIP-84	M19	83 TO 85	21"	RCP	4.91	65'		CITY			
02-1NL-85	M19	E. SIDE CIRCLE DR.	16"	D-10R				CITY			
02-PIP-86	M19	FROM 85 X-ING CIRCLE DR.	36"	RCP	12.45	65'		CITY			
02-PIP-87	M19	E. SIDE CIRCLE DR. & GALLEY RD.	21"	RCP	4.91	65'		CITY			
02-PIP-88	M19	S. SIDE GALLEY RD.	27"	RCP	3.56	294'		CITY			
02-1NL-89	M19	S. SIDE YAMPA ST. 200+/- W. OF N. CIRCLE DR.	10'	D-10R				CITY			

SPRING CREEK DRAINAGE BASIN PLANNING STUDY
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02-PIP-90	M19	E. SIDE CIRCLE DR. FROM 88	36"	RCP	7.23	70'		CITY			
02-PIP-91	M19	E. SIDE CIRCLE DR. FROM 90	36"	RCP	3.00	77'		CITY			
02-PIP-92	M19	E. SIDE CIRCLE DR. FROM 91	42"	RCP	3.2	265'		CITY			
02-INL-93	M19	W. SIDE CIRCLE DR.	8'	D-10R				CITY			
02-PIP-94	M19	FROM 93 TO 92	24"	RCP	2.92	73'		CITY			
02-PIP-95	M19	E. SIDE CIRCLE DR. FROM 92	42"	RCP	2.9	275'		CITY			
02-PIP-96	M19	E. SIDE CIRCLE DR. FROM 95	54"	RCP	0.5	15'		CITY			
02-INL-97	M19	DIVISION LINE WEST OF BEN CRT. & RON CRT.	8'	D-10R				PRIVATE			
02-PIP-98	M19	FROM 97 NORTH ON DIV. LINE	12"	RCP	0.4	234'		PRIVATE			
02-PIP-99	M19	FROM 98 EAST TO CIRCLE DR.	15"	RCP	0.4	226'		PRIVATE			
02-INL-100	M19	E. SIDE CIRCLE DR.	8'	D-10R				CITY			
02-PIP-101	M19	100 TO 102	24"	RCP	2.56	90'		CITY			
02-MAN-102	M19	E. SIDE CIRCLE & DE CORTEZ INT.	5'	STD.				CITY			
02-INL-103	M19	TO MH 102	10'	D-10R				CITY			
02-PIP-104	M19	103 TO 102	27"	RCP	17.75	40'		CITY			
02-PIP-105	M19	102 TO 96	33"	RCP	1.00	60'		CITY			
02-PIP-106	M19	S. SIDE DE CORTEZ ST.	54"	RCP	0.5	330'		CITY			
02-PIP-107	M19	S. SIDE DE CORTEZ ST.	60"	RCP	0.5	503'		CITY			
02-PIP-108	M19	S. SIDE DE CORTEZ ST.	60"	RCP	0.5	690'		CITY			
02-PIP-109	M19	S. SIDE DE CORTEZ ST.	60"	RCP	4.21	237'		CITY			
02-PIP-110	M19	S. SIDE DE CORTEZ ST.	60"	RCP	0.6	33'		CITY			
02-PIP-111	M19	S. SIDE DE CORTEZ ST.	2-38" X 60" ELIP.	METAL	0.6	305'		CITY			
02-INL-113	M19	S. SIDE DE CORTEZ & CIRCLE DR.	8'	D-10R				CITY			
02-PIP-114	M19	113 TO 106	21'	RCP	6.0	29'		CITY			
02-INL-115	M19	DE CORTEZ & JUANITA	10'	D-10R				CITY			
02-PIP-116	M19	115 TO 106	27"	RCP	0.5	29'		CITY			
02-INL-117	M19	DE CORTEZ & JUANITA	10'	D-10R				CITY			
02-PIP-118	M19	117 TO 106	27"	RCP	0.5	29'		CITY			
02-INL-119	M19	N. SIDE CORTEZ AT JUANITA	10'	D-10R				CITY			
02-PIP-120	M19	119 TO 106	27"	RCP	0.5	29'		CITY			
02-MAN-121	M19	DE CORTEZ & TIA JUANA	5'	TYPE A				CITY			
02-INL-122	M19	DE CORTEZ & TIA JUANA	10'	D-10R				CITY			
02-PIP-123	M19	122 TO 107	27"	RCP	0.5	29'		CITY			
02-INL-124	M19	DE CORTEZ & TIA JUANA	10'	D-10R				CITY			
02-PIP-125	M19	124 TO 107	27"	RCP	0.5	29'		CITY			
02-INL-126	M19	N. SIDE DE CORTEZ	10'	D-10R				CITY			
02-PIP-127	M19	126 TO 107	27"	RCP	0.5	29'		CITY			
02-INL-128	M19	N. SIDE DE CORTEZ & TIA JUANA	4'	D-10R				CITY			
02-PIP-129	M19	128 TO 108	18"	RCP	6.0	29'		CITY			
02-INL-130	M19	S. SIDE DE CORTEZ & TIA JUANA	6'	D-10R	9.9	29'		CITY			
02-PIP-131	M19	130 TO 108	21"	RCP	7.5	29'		CITY			

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02-INL-132	M19	N. SIDE DE CORTEZ & TIA JUANA	6"	D-10R				CITY			
02-PIP-133	M19	132 TO 108	21"	RCP	9.7	29'		CITY			
02-MAN-134	M19	DE CORTEZ & ARRAWANNA	5'	TYPE A				CITY			
02-INL-135	M19	DE CORTEZ & ARRAWANNA	4'	D-10R				CITY			
02-PIP-136	M19	135 TO 108	18"	RCP	5.9	29'		CITY			
02-INL-137	M19	N. SIDE DE CORTEZ & ARRAWANNA	6"	D-10R				CITY			
02-PIP-138	M19	137 TO 108	21"	RCP	7.2	29'		CITY			
02-INL-139	M19	S. SIDE DE CORTEZ & ARRAWANNA	6"	D-10R				CITY			
02-PIP-140	M19	139 TO 108	21"	RCP	9.9	29'		CITY			
02-INL-141	M19	DE CORTEZ & HOLMES	4'	D-10R				CITY			
02-PIP-142	M19	141 TO 108	18"	RCP	9.0	29'		CITY			
02-INL-143	M19	N. SIDE DE CORTEZ & HOLMES	4'	D-10R				CITY			
02-PIP-144	M19	143 TO 108	18"	RCP	9.0	29'		CITY			
02-INL-145	M19	W. SIDE HOLMES & DE CORTEZ	8'	D-10R				CITY			
02-PIP-146	M19	FROM 145 TO CENTER OF HOLMES	22" X 13"	MET.ARCH		29'		CITY			
02-INL-147	M19	E. SIDE HOLMES & DE CORTEZ	8'	D-10R		29'		CITY			
02-PIP-148	M19	FROM 147 TO CENTER OF HOLMES	22" X 13"	MET.ARCH		34'		CITY			
02-PIP-149	M19	CENTER OF HOLMES 108	36" X 22"	MET.ARCH		57'		CITY			
02-MAN-150	M19	S. SIDE DE CORTEZ WEST OF KINGSLEY	5'	TYPE A				CITY			
02-INL-151	M19	DE CORTEZ & KINGSLEY	10'	D-10R				CITY			
02-PIP-152	M19	151 TO 110	27"	RCP	4.5	32'		CITY			
02-INL-153	M19	W. SIDE KINGSLEY AT GALLEY	8'	TYPE Z CB				CITY			
02-PIP-154	M19	153 TO 156	22" X 34"	RCP		50'+/-		CITY			LOW HEAD
02-INL-155	M19	E. SIDE KINGSLEY AT GALLEY	8'	TYPE Z CB				CITY			
02-PIP-156	M19	155 TO 161	22" X 34"	LOW HEAD RCP		70'+/-		CITY			LOW HEAD
02-INL-157	M19	E. SIDE OF QUERIDA AT GALLEY	8'	TYPE Z	C.B.			CITY			
02-PIP-158	M19	157 TO 160	22" X 34"	LOW HEAD RCP		50'+/-		CITY			
02-INL-159	M19	W. SIDE QUERIDA AT GALLEY	8'	TYPE Z	C.B.			CITY			
02-PIP-160	M19	159 TO 161	24" X 38"	LOW HEAD RCP		65'+/-		CITY			
02-PIP-161	M19	S. SIDE OF GALLEY HOLMES & BOWSER DR.'S	42"	ELLIPTICAL RCP		2150'+/		CITY			
02-INL-162	M19	E. SIDE TESLA AT C.R. OF GALLEY RD.	12'	D-10R				CITY			
02-PIP-163	M19	162 TO 174	30"	RCP	1.00	85'		CITY			
02-INL-164	M19	W. SIDE TESLA AT C.R. OF GALLEY RD.	12'	D-10R				CITY			
02-PIP-165	M19	164 TO 174	30"	RCP	1.00	58'		CITY			
02-INL-166	M19	E. SIDE WYNKOOP @ C.R. OF GALLEY RD.	8'	D-10R				CITY			
02-PIP-167	M19	166 TO 175	24"	RCP	1.00	70'		CITY			
02-INL-168	M19	W. SIDE @ C.R. OF GALLEY RD.	8'	D-10R				CITY			
02-PIP-169	M19	168 TO 175	24"	RCP	1.00	62'		CITY			
02-INL-170	M19	E. SIDE CHELTON @ C.R. OF GALLEY RD.	8'	D-10R				CITY			
02-PIP-171	M19	170 TO 173	24"	RCP	1.00	45'		CITY			
02-INL-172	M19	W. SIDE CHELTON @ C.R. OF GALLEY RD.	8'	D-10R				CITY			

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02-PIP-173	M19	172 TO 175	24" 30"	RCP	1.00	45', 60'		CITY			
02-PIP-174	M19	S. SIDE GALLEY BETWEEN TESLA & WYNKOOP	30"	RCP	2.098	265'		CITY			
02-PIP-175	M19	S. SIDE GALLEY BETWEEN CHELTON & WYNKOOP	42"	RCP	2.568	212'		CITY			
02-INL-176	M19	S. SIDE GALLEY @ C.R. OF CHELTON RD.	8'	D-10R				CITY			
02-PIP-177	M19	176 TO 175	24"	RCP	8.44	32'		CITY			
02-PIP-178	M19	E. SIDE CHELTON @ GALLEY RUNNING SOUTH	42"	RCP	5.326	178'		CITY			
02-PIP-179	M19	E. SIDE CHELTON FROM 178 RUNNING SOUTH	42"	RCP	6.267	300'		CITY			
02-PIP-180	M19	E. SIDE CHELTON FROM 179 RUNNING SOUTH	42"	RCP	1.885	59'		CITY			
02-PIP-181	M19	E. SIDE CHELTON FROM 180 RUNNING SOUTH	42"	RCP	2.00	95'		CITY			
02-INL-182	M19	N. SIDE PORTAL DR. WEST & E. SIDE OF CHELTON C.R.	12'	D-10R				CITY			
02-PIP-183	M19	OUTLET FROM 182 TO 181	30"	RCP	5.75	35'		CITY			
02-INL-184	M19	BOMSER & CHELTON, BOTH SIDES OF CHELTON	SEE RE: GRATE INL.					CITY			1-25' W. SIDE , 1-35' E. SIDE
02-PIP-185	M19	E. SIDE OF CHELTON FROM MH 184 RUNNING SOUTH	48"	RCP	2.589	248'		CITY			
02-PIP-186	M19	E. SIDE OF CHELTON FROM 185 RUNNING SOUTH	48"	RCP	1.50	448'		CITY			
02-INL-187	M19	C.R. N. SIDE DALE ST. AT QUERIDA DR.	8'	TYPE 2 CB				CITY			
02-PIP-188	M19	FROM INL 187 TO 193	22" X 34"	L.H. RCP		40'+/-		CITY			
02-INL-189	M19	S. SIDE DALE ST. & QUERIDA C.R.	8'	TYPE 2 CB				CITY			
02-PIP-190	M19	FROM INL. 189 TO 193	22" X 34"	L.H. RCP		35'+/-		CITY			
02-INL-191	M19	W. SIDE QUERIDA DR. @ DALE ST.	8'	TYPE 2 CB				CITY			
02-PIP-192	M19	FROM 191 TO 193	19" X 30"	L.H. RCP		48'+/-		CITY			
02-PIP-193	M19	FROM PIPS 188&190 CENTER DALE ST. TO CHELTON	27" X 42"	L.H. RCP	0.5	60'		CITY			
02-PIP-194	M19	E. SIDE CHELTON FROM 186 SOUTH	78"	RCP	2.205	448'		CITY			
02-INL-195	M19	N. SIDE CITADEL DR. C.R. W/E. SIDE OF CHELTON						CITY			
02-PIP-196	M19	FROM 195 TO 194						CITY			
02-INL-197	M19	E. SIDE CHELTON & S. SIDE CITADEL DR. C.R.						CITY			
02-PIP-198	M19	FROM 197 TO 194						CITY			
02-INL-199	M19	W. SIDE CHELTON & S. SIDE MONUMENT ST.						CITY			
02-PIP-200	M19	FROM 199 TO 194						CITY			
02-PIP-201	M19	E. SIDE CHELTON RUNNING SOUTH FROM 194	96"	RCP	1.137	338'		CITY			
02-PIP-202	M19	E. SIDE CHELTON @ CHELTON CIR. OUTLET 96" RCP			2.3	98'		CITY			
02-INL-204	M20	E. SIDE ARRAMANNA ST. 130' S. OF HWY. 24	4'	D-10R				CITY			
02-PIP-205	M20	FROM INL. 204 TO 207	24"	OMP		45'		CITY			
02-INL-206	M20	W. SIDE ARRAMANNA ST. 130' S. OF HWY. 24	4'	D-10R				CITY			
02-PIP-207	M20	FROM INL. 20 N. TO HWY. 24	24"	OMP		125'		CITY			
02-INL-208	M20	W. SIDE CHELTON RD. 70' N. OF S. CHELTON LOOP						CITY			
02-PIP-209	M20	FROM INL. 208 TO 210						CITY			
02-INL-210	M20	E. SIDE CHELTON RD. 70' N. OF S. CHELTON LOOP						CITY			
02-PIP-211	M20	FROM INL. 210 W. 70' ON CHELTON E. THRU EASEM	24"	OMP	2.531	217'		CITY			
02-PIP-212	M20	FROM 211 EAST THRU EASEMENT	24"	OMP	5.857	460'		CITY			
02-PIP-213	M20	FROM 212 THRU EASEMENT	36"	OMP	3.857	123'		CITY			
02-PIP-214	M20	W. SIDE N. BRENTWOOD 50' N. PIKES PEAK AVE.	36"	RCP		SEE RE:		CITY			PLUG END OF PIP 219

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02-INL-215	M20	W. SIDE N. BRENTWOOD 30' N. PIKES PEAK AVE.	4'	D-10R				CITY			
02-PIP-216	M20	FROM INL. 215 TO PIP 219	21"	RCP		35'		CITY			
02-INL-217	M20	E. SIDE N. BRENTWOOD 40' N. PIKES PEAK AVE.	4'	D-10R				CITY			
02-PIP-218	M20	FROM INL. 217 TO PIP 219	21"	RCP		35'		CITY			
02-PIP-219	M20	FROM MH 214 SOUTH ON E. SIDE OF N. BRENTWOOD	36"	RCP	1.422	83'		CITY			
02-INL-220	M20	N. SIDE PIKES PEAK AVE. & N. BRENTWOOD E. C.R.	4'	D-10R				CITY			
02-PIP-221	M20	FROM INL 220 TO PIP 219	18"	RCP		70'		CITY			
02-INL-222	M20	N. SIDE PIKES PEAK AVE. & N. BRENTWOOD W. C.R.	6'	D-10R				CITY			
02-PIP-223	M20	FROM INL 222 TO PIP 219	21"	RCP		55'		CITY			
02-PIP-224	M20	CENTER OF PIKES PEAK RUNNING E. TO 219	36"	RCP		36'		CITY			
02-INL-225	M20	E. SIDE OF N. BRENTWOOD C.R. FOR S. SIDE PI. PK.	4'	D-10R				CITY			
02-PIP-226	M20	FROM INL 225 TO PIP 229	18"	RCP		40'		CITY			
02-INL-227	M20	W. SIDE OF N. BRENTWOOD C.R. FOR S. SIDE PI. PK.	6'	D-10R				CITY			
02-PIP-228	M20	FROM INL 227 TO PIP 229	24"	RCP		20'		CITY			
02-PIP-229	M20	W. SIDE OF BRENTWOOD FROM PIP 219 RUN SOUTH	36"	RCP	3.363	400'		CITY			
02-MAN-230	M20	W. SIDE BRENTWOOD DR.	4'	CONC.				CITY			
02-PIP-231	M21	W. SIDE BRENTWOOD FROM PIP 229	36"	RCP	2.692	98'		CITY			
02-INL-232	M21	W. SIDE BRENTWOOD-C.R. N. SIDE HUDSON ST.	4'	D-10R				CITY			
02-PIP-233	M21	FROM INL 232 TO PIP 231	18"	RCP		20'		CITY			
02-INL-234	M21	E. SIDE BRENTWOOD-C.R. N. SIDE ROOSEVELT ST.	4'	D-10R				CITY			
02-PIP-235	M21	FROM INL 234 TO PIP 231	18"	RCP		30'		CITY			
02-INL-236	M21	N. SIDE ROOSEVELT 50' E. OF BRENTWOOD	4'	D-10R				CITY			
02-PIP-237	M21	FROM INL 236 TO PIP 231 ON BRENTWOOD	24"	RCP		55'		CITY			
02-INL-238	M21	N. SIDE HUDSON ST. 50' W. OF BRENTWOOD	4'	D-10R				CITY			
02-PIP-239	M21	FROM INL 238 TO PIP 231 ON BRENTWOOD	18"	RCP		55'		CITY			
02-PIP-240	M21	E. SIDE OF BRENTWOOD AT HUDSON ST. RUNNING S.	42"	RCP	1.876	301'		CITY			
02-INL-241	M21	W. SIDE BRENTWOOD-C.R. N. SIDE GOMER AVE.	4'	D-10R				CITY			
02-PIP-242	M21	FROM INL 241 TO PIP 240	18"	RCP		5'		CITY			
02-INL-243	M21	N. SIDE GOMER AVE-C.R. W. SIDE BRENTWOOD DR.	4'	D-10R				CITY			
02-PIP-244	M21	FROM INL 243 TO PIP 240	18"	RCP		20'		CITY			
02-MAN-245	M21	W. SIDE OF BRENTWOOD 70' S. OF GOMER AVE	5'	CONC.				CITY			
02-PIP-246	M21	FROM MH 245 RUNNING SOUTH ON BRENTWOOD	48"	RCP	1.652	897'		CITY			
02-MAN-247	M21	S.W. SIDE BRENTWOOD 120' W. ON CHELTON	5'	CONC.				CITY			
02-PIP-248	M21	FROM MH 247 TO PIP 257	54"	RCP	0.94	106'		CITY			
02-INL-249	M21	S. SIDE BRENTWOOD-C.R. W. SIDE CHELTON RD.	10'	D-10R				CITY			
02-PIP-250	M21	FROM INL 249 TO PIP 248	36"	RCP		20'		CITY			
02-INL-251	M21	C.R.-W. SIDE CHELTON N. SIDE BRENTWOOD	8'	D-10R				CITY			
02-PIP-252	M21	FROM INL 251 TO PIP 257	30"	RCP		40'		CITY			
02-INL-253	M21	C.R. E. SIDE CHELTON N. SIDE BRENTWOOD	8'	D-10R				CITY			
02-PIP-254	M21	FROM INL 253 TO PIP 257	30"	RCP		55'		CITY			
02-INL-255	M21	C.R. N. SIDE BRENTWOOD E. SIDE CHELTON	4'	D-10R				CITY			

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02-PIP-256	M21	FROM INL 255 TO PIP 254	18"	RCP		35'		CITY			
02-PIP-257	M21	S. ON BRENTWOOD AT CHELTON INT.	54"	RCP	1.48	37'		CITY			
02-INL-258	M21	W. SIDE CHELTON-C.R. S. SIDE OF BRENTWOOD	4'	D-10R				CITY			
02-PIP-259	M21	FROM INL 258 TO PIP 262	18"	RCP		35'		CITY			
02-INL-260	M21	E. SIDE CHELTON RD.-C.R. AT BRENTWOOD TER.	4'	D-10R				CITY			
02-PIP-261	M21	FROM INL 260 TO PIP 262	18"	RCP		15'		CITY			
02-PIP-262	M21	E. SIDE CHELTON AT BRENTWOOD RUNNING SOUTH	54"	RCP	2.48	360'		CITY			
02-PIP-263	M21	E. SIDE CHELTON AT BRENTWOOD RUNNING SOUTH	54"	RCP	2.38	377'		CITY			
02-PIP-264	M21	E. SIDE CHELTON AT BRENTWOOD RUNNING SOUTH	54"	RCP	1.88	165'		CITY			
02-INL-265	M21	W. SIDE CHELTON-C.R. MICHIGAN AVE.	4'	D-10R				CITY			
02-PIP-266	M21	FROM INL 265 TO 264	18"	RCP		20'		CITY			
02-INL-267	M21	N. SIDE MICHIGAN-C.R. CHELTON RD.	6'	D-10R				CITY			
02-PIP-268	M21	FROM INL 267 TO PIP 266	24"	RCP		50'		CITY			
02-INL-269	M21	E. SIDE CHELTON-C.R. MICHIGAN AVE.	4'	D-10R				CITY			
02-PIP-270	M21	FROM INL 269 TO PIP 264	18"	RCP		17'		CITY			
02-INL-271	M21	N. SIDE MICHIGAN AVE.-C.R. CHELTON RD.	6'	D-10R				CITY			
02-PIP-272	M21	FROM INL 271 TO PIP 264	24"	RCP		35'		CITY			
02-PIP-273	M21	E. SIDE CHELTON FROM PIP 264 TO MH 274	54"	RCP	6.04	127'		CITY			
02-MAN-274	M21	E. SIDE CHELTON RD. N. OF AIRPORT RD.	5'	CONC.				CITY			
02-PIP-275	M21	FROM MH 274 SOUTH	60"	RCP	6.04	23'		CITY			
02-INL-276	M21	E. SIDE CHELTON-C.R. AIRPORT RD.	4'	D-10R				CITY			
02-PIP-277	M21	FROM INL 276 TO PIP 275	18"	RCP		15'		CITY			
02-INL-278	M21	W. SIDE CHELTON-C.R. AIRPORT RD.	4'	D-10R				CITY			
02-PIP-279	M21	FROM INL 278 TO PIP 275	18"	RCP		30'		CITY			
02-INL-280	M21	N. SIDE AIRPORT RD.-C.R. CHELTON RD.	4'	D-10R				CITY			
02-PIP-281	M21	FROM INL 280 TO PIP 290	18"	RCP		55'		CITY			
02-INL-282	M21	N. SIDE AIRPORT RD. & CHELTON RD.	4'	D-10R				CITY			
02-PIP-283	M21	FROM INL 282 TO PIP 290	18"	RCP		35'		CITY			
02-INL-284	M21	E. SIDE CHELTON-C.R. S. SIDE AIRPORT RD.	4'	CB				CITY			
02-PIP-285	M21	FROM INL 284 TO PIP 290	18"	RCP		23'		CITY			
02-INL-286	M21	W. SIDE CHELTON-C.R. S. SIDE AIRPORT RD.	4'	CB				CITY			
02-PIP-287	M21	FROM INL 286 TO PIP 290	18"	RCP		30'		CITY			
02-INL-288	M21	W. SIDE CHELTON-C.R. S. SIDE PARKHILL DR.	4'	CB				CITY			
02-PIP-289	M21	FROM INL 288 TO PIP 290	18"	RCP		30'		CITY			
02-PIP-290	M21	E. SIDE CHELTON FROM AIRPORT RD. SOUTH	60"	RCP	1.80	600'		CITY			
02-MAN-291	M21	E. SIDE CHELTON FROM PIP 290	4' (OVER 60" RCP)	STD.				CITY			
02-PIP-292	M22	FROM MH 291 SOUTH ON E. SIDE CHELTON	60"	RCP	3.48	259'		CITY			
02-PIP-293	M22	FROM PIP 292 SOUTH ON E. SIDE CHELTON	60"	RCP	3.48	210'		CITY			
02-INL-294	M22	S. SIDE VALLEY HI AVE-C.R. W. SIDE CHELTON RD.	6'	HIGH CA.				CITY			
02-PIP-295	M22	FROM INL 294 TO PIP 293	24"	RCP		40'		CITY			
02-INL-296	M22	W. SIDE CHELTON RD.-C.R. S. SIDE VALLEY HI AVE	4'	CB				CITY			

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02-PIP-297	M22	FROM INL 296 TO PIP 293	18"	RCP		30'		CITY			
02-PIP-298	M22	E. SIDE CHELTON FROM PIP 293	60"	RCP	7.0	130'		CITY			
02-MAN-299	M22	E. SIDE CHELTON FROM PIP 298	4' (OVER 60" RCP)	STD.				CITY			
02-PIP-300	M22	FROM MH 299 RUNNING SOUTH ON CHELTON	60"	RCP	7.0	204'		CITY			
02-PIP-301	M22	FROM PIP 300 TO CHANNEL IN GOLF COURSE	60"	RCP	1.59	144'		CITY			
02-CHA-302	M22	W. SIDE CHELTON FROM PIP 301 IN GOLF COURSE	B=28', Z 2:1	4" CONC.	0.5	818'		CITY			
02-CHA-303	M22	CHAN. RUNNING E. TO W. WESTERN SUN SUBD.#6	B=34', D=6.5'	RIPRAP		3360'		CITY			
02-CBC-304	M22	FROM SPRING CREEK DRAIN. CHAN. UNDER CHELTON	4 - 8' X 6'	RCB		70'		CITY		EXCELLENT	W/ CHUTES @ ALL 4 CORNERS
02-CHA-305	M22	FROM CBC RUNNING W. IN VALLEY HI GOLF COURSE	B=40', D=4'	RIPRAP	0.8	970'		CITY			SOME SECTIONS W & SOME W/O RIPRAP
02-PIP-306	M22	INT. DRAINAGE IN GOLF COURSE TO DET'N. POND	48"	CSP	6.585	121'		CITY			
02-PIP-307	M22	FROM PIP 306 TO POND	48"	CSP	1.043	230'		CITY			
02-PIP-308	M22	FROM PIP 307 TO POND	48"	CSP	5.00	94'		CITY			
02-RES-309	M22	VALLEY HI GOLF COURSE POND						CITY			
02-CHA-310	M22	CHANNEL CONNECTION	40' SPLWY, 400' SOD...					CITY			...DITCH & 220' CONC DITCH
02-RES-311	M22	VALLEY HI GOLF COURSE POND						CITY			
02-CHA-312	M22	DRAIN. CHAN.-APPROX. AIRPORT RD. TO DET PND	B=10', D=4'	RIPRAP		1400'		CITY			...W/5' WIDE SPLWY AT AIRPORT RD
02-INL-313	M22	W. SIDE MAZATLAN CIR. E. S. SIDE MALLARD DR.	6'	D-10R				CITY			
02-PIP-314	M22	FROM INL 313 RUNNING WEST INSIDE EASEM'T	24"	RCP	0.4	225'		CITY			
02-PIP-315	M22	FROM PIP 314 RUNNING WEST	30"	RCP	0.4	79'		CITY			
02-MAN-316	M22	S. SIDE MALLARD DR. W. OF MAZATLAN CIR. 80'+/-	4'	STD				CITY			
02-INL-317	M22	W SIDE MAZALAN CIR/S SIDE MALLARD DR	10"	D-10R				CITY			
02-PIP-318	M22	FROM PIP 317 RUNNING N. IN MALLARD SUB.	30"	RCP	0.3	245'		CITY			
02-MAN-319	M22	FROM PIP 318 IN MALLARD SUB.	4'	STD				CITY			
02-PIP-320	M22	FROM MH 319 RUNNING WEST TO MH 321	30"	RCP	0.4	182'		CITY			
02-MAN-321	M22	FROM PIP 320	4'					CITY			
02-PIP-322	M22	FROM MH 321 RUNNING NORTH TO VALLEY HI CHAN.	36"	RCP	0.4	199'		CITY			
02-RES-323	M22	VALLEY HI DET POND						CITY	N/A CONC W=109'		7.9 AC WATER SURFACE
02-INL-324	N18	S. SIDE SAN MIGUEL-C.R. E. SIDE AUBURN DR.	10'	HIGH CA.				CITY			
02-PIP-325	N18	FROM INL 324 OUT TO INL 326	30"	RCP		22'		CITY			
02-INL-326	N18	E. SIDE AUBURN-C.R. S. SIDE SAN MIGUEL	8'	D-10R				CITY			
02-PIP-327	N18	FROM INL 326 TO PIP 328	18" X 28.5"	ARCH PIPE		40'		CITY			
02-PIP-328	N18	W. SIDE AUBURN AT MARION DR. RUN. SOUTH	36"	RCP	0.55	470'		CITY			
02-PIP-329	N18	FROM PIP 328 RUNNING SOUTH ON AUBURN	36"	RCP	0.7	665'		CITY			
02-PIP-330	N19	FROM PIP 329 RUN S. E. SIDE OF AUBURN TO GALLEY	32" X 50"	RCP	0.5	320'		CITY			
02-PIP-331	N19	FROM PIP 330 N. SIDE OF GALLEY AT AUBURN	36"	RCP	1.5	275'		CITY			
02-PIP-332	N19	FROM INL 333 N. SIDE GALLEY TO PIP 331	24"	RCP	4.89	197'		CITY			
02-INL-333	N19	N. SIDE OF GALLEY 200' E. OF REINHART DR.	?(FIELD)					CITY			
02-PIP-334	N19	FROM PIP'S 331&332 RUN. S. ON REINHART DR.	48"	RCP	2.0	75'		CITY			
02-INL-335	N19	N. SIDE GALLEY RD. W. SIDE POTTER DR.	?(FIELD)					CITY			
02-PIP-336	N19	FROM INL 335 RUNNING WEST ON N. SIDE GALLEY RD	36"	RCP	2.0	830'		CITY			
02-PIP-337	N19	FROM PIP 336 X-ING TO S. SIDE GALLEY RD.	38" X 60"	RCP	2.0	90'		CITY			

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02-PIP-338	N19	FROM PIP 337 RUNNING W. ON S. SIDE GALLEY RD.	48"	RCP	1.20	360'		CITY			
02-PIP-339	N19	FROM PIP 338 CROSSING ACADEMY BLVD.	54"	RCP	1.28			CITY			
02-PIP-340	N19	FROM PIP 339 RUNNING SOUTH ON W. SIDE ACADEMY	54"	RCP		?		CITY			
02-PIP-341	N19	FROM PIP 340 RUNNING SOUTH ON W. SIDE ACADEMY	60"	RCP		?		CITY			
02-INL-342	N19	MAXWELL ROAD DEAD ENDS @ PL CITADEL X-ING	40' RD WIDTH	DE INL				CITY			
02-PIP-343	N19	TWIN PIP'S FROM INL 342 TO MH 345	2-30"	RCP		75'		CITY			
02-PIP-344	N19	N.E. END CITADEL X-ING RUN. SOUTH TO MH 345	18"	RCP		254'		PRIVATE			
02-MAN-345	N19	FROM PIP'S 344 & 343 X-ENTRANCE & MAXWELL RD.						CITY			
02-PIP-346	N19	FROM MH 345 RUNNING SOUTH	42"	RCP		500'		CITY			
02-MAN-347	N19	FROM PIP 346						CITY			
02-PIP-348	N19	FROM MH 347 RUNNING SOUTH	48"	RCP		500'		CITY			
02-MAN-349	N19	FROM PIP 348						CITY			
02-PIP-350	N19	FROM MH 349 RUNNING SOUTH	48"	RCP		491'		CITY			
02-MAN-351	N19	FROM PIP 350						CITY			
02-INL-352	N19	POTTER DR DEAD ENDS @ PL CITADEL CROSSING	40'	DE INL				CITY			
02-PIP-353	N19	FROM INL 352 TO PIP 350	24" X 38"	HE RCP				CITY			
02-PIP-354	N19	FROM INL 352 TO PIP 350	24" X 38"	HE RCP				CITY			
02-PIP-355	N19	FROM INL 352 TO PIP 350	24" X 38"	HE RCP				CITY			
02-PIP-356								CITY			
02-PIP-357	N19	FROM MH 351 RUNNING SOUTH	60"	RCP		471'		CITY			
02-MAN-358	N19	FROM PIP 357 S.E. END OF CITADEL X-ING	8' X 8'	BOX				CITY			
02-PIP-359	N19	FROM MH 358 RUN. E. ON N.SIDE HWY 24	60"	RCP		547'		CITY			
02-MAN-360	N19	FROM PIP 359 N. SIDE HWY 24	4' X 7'					CITY			
02-PIP-361	N19	FROM MH 360 RUN. E. ON N.SIDE HWY 24	60"	RCP		500'		CITY			
02-MAN-362	N19	FROM PIP 361 N. SIDE HWY 24						CITY			
02-PIP-363	N19	FROM MH 363 RUNNING E. ON HWY 24	60"	RCP				CITY			
02-CHA-364	N20	S.SIDE HWY24, 600'+/- E. OF CHELTON RD, FLOW S.B=15', D=5', 21.5:1		CONC.		1000'+/		CITY			
02-CBC-365	N20	CHAN. CULVERT AT BIJOU ST.	3 - 8' X 5'	CBC				CITY			
02-CHA-366	N20	CHAN. RUNNING SOUTH TO PIKES PEAK AVE.	15' EARTH BASE 2=?	SLOPE RIPRAP		1,195'		CITY			
02-CBC-367	N20	CULVERT CROSSING PIKES PEAK AVE.	2 - 12' X 6'	RCB		330'		CITY	GOOD		RIPRAP ON LFSTREAM SIDE ONLY
02-PIP-369	N20	FROM INL368 RUN. W. N.SIDE PIKES PK. TO MH372	18"	RCP	2.12	239'		CITY			
02-INL-370	N20	N.SIDE PIKES PK. AVE. 250' W. OF ACADEMY BLVD	10'	CB				CITY			
02-PIP-371	N20	FROM INL 370 TO MH 372	18"	RCP	8.4	14'		CITY			
02-MAN-372	N20	N. SIDE PIKES PK. FLOW FROM PIP 369	4'	CONC				CITY			
02-PIP-373	N20	FROM MH 372 N.SIDE OF PIKES PK.-FLOW WEST	24"	RCP SEE RE:		200'		CITY			3.14-120' 0.40 80'
02-PIP-374	N20	FROM PIP 373, N. SIDE OF PIKES PEAK	30"	RCP	0.40	250'		CITY			
02-INL-375	N20	N. SIDE PIKES PK.-450'+/- WEST OF INL 370	10'	CB				CITY			
02-PIP-376	N20	FROM INL 375 TO MH 375	24"	RCP	12.9	14'		CITY			
02-MAN-377	N20	N. SIDE PIKES PEAK FLOW FROM PIP 374	4'	CONC				CITY			
02-PIP-378	N20	N. SIDE PIKES PEAK	42"	RCP	0.225	303'		CITY			
02-PIP-379	N20	N. SIDE PIKES PEAK	42"	RCP	2.1	123'		CITY			

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02-INL-380	N20	N. SIDE PIKES PEAK	8'	CB				CITY			
02-PIP-381	N20	FROM INL 380	18"	RCP	6.44	14'		CITY			
02-PIP-382	N20	N. SIDE PIKES PEAK	42"	RCP	4.19	30'		CITY		GOOD	
02-PIP-383	N20	OUTFALL TO CULVERT UNDER PIKES PEAK	42"	RCP	0.4	119'		CITY			
02-HW-384	N20	W. SIDE ACADEMY & HWY 24 FRONTAGE RD.	? FIELD					CDOH			
02-PIP-385	N20	FROM INL 384 TO OUTFALL AT BOULDER	22" X 13" ELLIP	CMP	1.65	115'		CITY			
02-HW-386	N20	N. SIDE BOULDER ST.	? FIELD					CITY			
02-CHA-387	N20	S. SIDE PLATTE(HWY 24) 300'+/- W. MURRAY BLVD	4' X 8'	CONC				CITY			TRAP CHANNEL
02-CBC-388	N20	CHAN. X-ING ING. & EGR. EASEM'T	63" X 98"	CBC	3.5	36'		CITY			
02-CHA-389	N20	FROM BC 388 RUNNING SOUTHEAST	4' X 8'	CONC				CITY			TRAP CHANNEL
02-PIP-390	N20	FROM CHAN. 389 TO N. SIDE BIJOU ST.	78"	RCP	2.30	451'		CITY			
02-CBC-391	N20	FROM PIP 390, X-ING BIJOU ST.	2 - 5' X 8' T.W.	CBC				CITY			
02-CHA-392	N20	S. SIDE BIJOU RUNNING S. TO PIKES PEAK AVE.	B=12', D=3.3'	CONC VARIES		1200'		CITY			TRAP CHANNEL
02-CBC-393	N20	CROSSING PIKES PEAK AVE.	2 - 4' X 8' T.W.	CBC				CITY			
02-PIP-395	N21	S. SIDE SHELLEY AVE-EAST OF RUSKIN DR.	43" X 68"	RCP				CITY			
02-INL-396	N21	E. SIDE RUSKIN DR.-C.R. SHELLEY AVE.	10'	CEN.CUR. CB				CITY			
02-PIP-397	N21	FROM INL 396 TO PIP 405	24"	RCP		10'		CITY			
02-INL-398	N21	N. SIDE SHELLEY AVE.-C.R. E. SIDE RUSKIN DR.	10'	CEN.CUR. CB				CITY			
02-PIP-399	N21	FROM INL 398 TO PIP 405	30"	RCP		43'		CITY			
02-PIP-400	N21	E. SIDE RUSKIN, RUNS INTO PIP 399	24"	RCP				CITY			
02-INL-402	N21	N. SIDE SHELLEY AVE.-C.R. RUSKIN DR.	10'	CNTR.CUR.CB				CITY			
02-PIP-403	N21	FROM INL 402 X-ING SHELLEY TO CBC 405	24"	RCP		30'		CITY			
02-INL-404	N21	E. SIDE RUSKIN DR.-C.R. SHELLEY AVE.	10'	CNTR.CUR.CB				CITY			
02-CBC-405	N21	S. SIDE SHELLEY AVE. FROM PIP 395 RUN. WEST	8' X 4'	CBC	0.3	381'		CITY			
02-CBC-406	N21	CONT. FROM CBC 405 X-ING ACADEMY BLVD.	5' X 8.4'	CBC		100'		CITY			
02-CBC-407	N21	FROM CBC 406 RUN. W. TO GREENBELT DRAIN. CHAN	5' X 8'	CBC	2.0	500'		CITY		FAIR-POOR	
02-CHA-408	N21	DRAIN. CHAN. 550'+/- W. ACADEMY TO AIRPORT RD	B=43', D=5.5'	CONC.	0.7	1290'		CITY		EXCELLENT	
02-PIP-410	N21	RUNNING SOUTH TO AIRPORT RD.	18"	CMP		130'		PRIVATE			PRIVATE SLOTTED DRAIN
02-PIP-411	N21	FROM PIP 410 RUN. W. AIRPORT RD TO DRAIN CHAN	24"	RCP	0.279	480'		CDOH		GOOD	
02-PIP-412	N21	N. SIDE AIRPORT RD. 150'+/- E. SIDE RUSKIN DR.						CITY			
02-INL-413	N21	N. SIDE AIRPORT RD.-C.R. E. SIDE RUSKIN DR.						CITY			
02-PIP-414	N21	FROM INL 413 TO PIP 412	18"	RCP				CITY			
02-INL-415	N21	E. SIDE RUSKIN DR.-C.R. N. SIDE AIRPORT RD.						CITY			
02-PIP-416	N21	FROM INL 415 TO PIP 417	18"	RCP				CITY			
02-PIP-417	N21	N. SIDE AIRPORT RD. RUN. W. FROM PIP 416	24"	RCP				CITY			
02-PIP-418	N21	FROM PIP 417 N. SIDE AIRPORT RD.	24"	RCP	5.00	273'		CITY			
02-INL-419	N21	N. SIDE AIRPORT RD.-C.R. ACADEMY BLVD.						CITY			
02-INL-420	N21	S. SIDE AIRPORT RD. 200'+/- E. ACADEMY BLVD.						CITY			
02-PIP-421	N21	FROM INL 420 S. SIDE OF AIRPORT RUN. WEST	30"	RCP	1.66	156'		CITY			
02-INL-422	N21	N. SIDE AIRPORT RD.-C.R. ACADEMY BLVD.	8'	CB				CDOH			
02-PIP-423	N21	FROM INL 422 TO PIP 424	24"	CMP		75'		CITY			

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02-PIP-424	N21	FROM PIP 423 - S. SIDE AIRPORT RD.	31" X 51"	ARCH	0.301	263'		CITY			
02-PIP-425	N21	FROM PIP 424	42"	RCP	0.301	250'		CITY			
02-INL-426	N21	E. SIDE LAKEWOOD CIR. (OUTSIDE OF R.O.W.)	8'	D-10R				CITY			
02-PIP-427	N21	FROM INL 426 TO INL 428	24"	RCP	1.129	14'		CITY			
02-INL-428	N21	E. SIDE LAKEWOOD CIR. 200'+/- S. OF AIRPORT	4'	D-10R				CITY			
02-PIP-429	N21	FROM INL 428 - X-ING LAKEWOOD TO INL 430	24"	RCP	1.264	45'		CITY			
02-INL-430	N21	W. SIDE LAKEWOOD CIR. 200'+/- S. OF AIRPORT	4'	D-10R				CITY			
02-PIP-431	N21	FROM INL 430 RUNNING S.W.	30"	RCP	2.296	98'		CITY			
02-PIP-432	N21	FROM PIP 431 RUNNING S.W. TO MH	30"	RCP	0.40	149'		CITY			
02-MAN-433	N21	FROM PIP 432	4'	STD				CITY			
02-PIP-434	N21	FROM MH 433 TO OUTFALL	30"	RCP	0.50	324'		CITY		EXCELLENT	
02-PIP-435	N21-N22	MEMORIAL GARDENS INTERIOR DRAINAGE	30"	RCP	1.00	280'		CITY			
02-MAN-436	N22	FROM PIP 436 WEST OF LASY LA. (EASEM'T)						CITY			
02-PIP-437	N22	FROM MH 436 RUN. S. & S.W. TO DETENTION POND	36"	RCP	1.00	260'		CITY			
02-RES-438	N22	S.E. CORNER OF MEMORIAL GARDENS	TRI 31,250'+/-	S.F. EARTH				CITY			
02-PIP-439	N22	N. SIDE CHAPMAN DR. S. TO LASY LA.	27"	RCP	2.30	431'		CITY			
02-MAN-440	N22	N. SIDE CHAPMAN DR. AT LASY LA.	4'	STD				CITY			
02-INL-441	N22	S. SIDE CHAPMAN DR. AT LASY LA.	16'	D-10R	RE:			CITY		W/7.5' STUB OUT TO THE SOUTH	
02-PIP-442	N22	FROM INL 441 X-ING CHAPMAN TO INL 443	27"	RCP	2.0	40'		CITY			
02-INL-443	N22	N. SIDE CHAPMAN DR. AT LASY LA.	16'	D-10R				CITY			
02-PIP-444	N22	FROM MH 440 RUNNING N.W. TO DETENTION POND	36"	RCP	3.75	260'		CITY			
02-PIP-445	N22	N. SIDE WENTWORTH DR. 700'+/- E. OF ACADEMY	27"	RCP	1.96	110'		CITY			
02-PIP-446	N22	FROM PIP 445 RUNNING WEST	30"	RCP	1.00	456'		CITY			
02-IN-447	N22	INVERNESS DR 80'+/- E OF ROW 120'+/- WENTWORTH		GRADED				CITY			
02-PIP-448	N22	FROM MH 447 NORTH TO MH 449	18"	CHP		45'		CITY			
02-MAN-449	N22	50'+/- S. OF WENTWORTH R.O.W.		JUNCTION				CITY			
02-PIP-450	N22	FROM MH 449 WEST TO OUTLET AT WENTWORTH	24"	RCP		195'		CITY			
02-PIP-451	N22	FROM PIP 450 S. SIDE WENTWORTH	18"	RCP				CITY			
02-PIP-452	N22	FROM PIP 446 N. SIDE WENTWORTH DR.	30"	RCP	3.67	18'		CITY			
02-PIP-453	N22	FROM PIP 452-EASEM'T, 80'+/- E. OF ACADEMY	30"	RCP	3.67	140'		CITY			
02-PIP-454	N22	FROM PIP 453 N. ALONG EASEM'T PAR. TO ACADEMY	30"	RCP	2.67	370'		CITY			
02-PIP-455	N22	FROM PIP 454 (SAME AS ABOVE)	42"	RCP	1.06	264'		CITY			
02-PIP-456	N22	FROM 455 (ANGLE PT.) TO E SIDE ACADEMY	42"	RCP	1.7	8'		CITY			
02-PIP-457	N22	FROM MH E SIDE ACADEMY TO MH ON W. SIDE ACADE	42"	STEEL	1.7	155'		CITY			
02-MAN-458	N22	W. SIDE ACADEMY S. OF EARLY SUN DR.	5'	STD				CITY			
02-INL-459	N22	W. SIDE ACADEMY 385' S. OF MH 458	5'					CITY			
02-PIP-460	N22	FROM INL 459 NORTH TO MH 458	15"	RCP		385'		CITY			
02-PIP-461	N22	FROM MH 458 THRU AUTO PLAZA	42"	RCP	2.1	386'		CITY			
02-MAN-462	N22	FROM PIP 461 50'+/- S. OF EARLY SUN DR. R.O.W	5'	STD				CITY			
02-PIP-463	N22	FROM MH 462 AND X-ING EARLY SUN DR. TO MH 464	42"	RCP	1.5	138'		CITY			
02-MAN-464	N22	N. SIDE OF EARLY SUN DR. AT R.O.W	5'	STD				CITY			

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 DATE: 10-17-91

STRUCTURE NUMBER	MAP #	LOCATION/ DESCRIPTION	SIZE	TYPE	SLOPE	LENGTH	MAINTENANCE RESPONSIBILITY	OUTLET PIPE CHARACT.	SPILLWAY CHARACT.	CONDITION	REMARKS
02-INL-465	N22	S.SIDE EARLY SUN DR 170'+- E OF AVENIDA DEL S	8'	W/18"		STUB OUT		CITY			
02-PIP-466	N22	FROM INL 465, X-ING EARLY SUN DR TO INL 467	24"	RCP	1.7	40'		CITY			
02-PIP-467	N22	N. SIDE EARLY SUN DR. PIPE TO MH 464	6'	RE:				CITY			
02-PIP-468	N22	FROM MH 464 RUNNING N.W. (EASH'T)	48"	RCP	1.72	219'		CITY			PIP 36'-30" RCP
02-MAN-469	N22	FROM PIP 468 (SAME EASH'T)		STD				CITY			
02-INL-470	N22	S.SIDE ACADEMY PARK LOOP & AVENIDA DEL SOL		D-10R				CITY			
02-PIP-471	N22	FROM INL 470 X-ING ACADEMY PARK LOOP	30"	RCP	1.80	70'		CITY			
02-MAN-472	N22	W.SIDE AVENIDA DEL SOL N.SIDE ACADEMY PARK LP	5'	STD				CITY			
02-PIP-473	N22	FROM MH 472 RUN. N. W. SIDE AVENIDA DEL SOL	30"	RCP	1.39	345'		CITY			
02-MAN-474	N22	FROM PIP 473 W. SIDE AVENIDA DEL SOL	5'	STD				CITY			
02-PIP-475	N22	FROM MH 474 TO MH 476 W.SIDE AVENIDA DEL SOL	30"	RCP	3.77	293'		CITY			
02-MAN-476	N22	FROM PIP 475 W.SIDE AVENIDA DEL SOL	5'	STD				CITY			
02-INL-477	N22	FROM MH 476 90'+/- E. ACROSS AVENIDA DEL SOL	4'	C.B.				CITY			
02-PIP-478	N22	FROM INL 477 TO MH 476	21"	RCP	1.70	70'		CITY			
02-PIP-479	N22	FROM MH 476 TO MH 480	27"	RCP	5.70	231'		CITY			
02-MAN-480	N22	FROM PIP 479 E. SIDE AVENIDA DEL SOL	5'	STD				CITY			
02-PIP-481	N22	FROM MH 480 RUN. N. AVENIDA DEL SOL	27"	RCP	5.70	313'		CITY			
02-MAN-482	N22	E. SIDE AVENIDA DEL SOL S. SIDE SUN DRIVE	5'	STD				CITY			
02-INL-483	N22	S. SIDE SUN DR. C.R. AVENIDA DEL SOL	4'	D.I.				CITY			
02-PIP-484	N22	FROM INL 483 X-ING INTERSECTION TO PIP 485	18"	RCP	1.30	75'		CITY			
02-PIP-485	N22	FROM MH 482 X-ING SUN DR. TO MH 469	36'	RCP	3.10	261'		CITY			
02-PIP-486	N22	FROM MH 469 WEST TO MH 487	36"	RCP	1.00	135'		CITY			
02-MAN-487	N22	FROM PIP 486 S. PROP. LINE VALLEY HI	5'	MANHOLE				CITY			
02-PIP-488	N22	FROM MH 487 S. SIDE VALLEY HI	60"	RCP		240'		CITY			
02-MAN-489	N22	FROM PIP 488 INSIDE VALLEY HI		MANHOLE				CITY			
02-PIP-490	N22	FROM PIP 489 TO MH 491	60"	RCP		150'		CITY			
02-MAN-491	N22	FROM PIP 490 S. SIDE VALLEY HI		MANHOLE				CITY			
02-PIP-492	N22	FROM MH 491 TO DRAINAGE CHANNEL	60"	RCP		60'		CITY			
02-INL-494	N22	N. SIDE PACIFIC DR. AT PERRYWINKLE DR.	6'	D.I.				CITY		EXCELLENT	
02-PIP-495	N22	FROM INL 494 N. TO DRAINAGE CHAN. 493	18"	RCP	4.0	95'		CITY			
02-PIP-496	N22	FROM WESTERN SUN SUB. TO INL 497	18"	RCP	1.30	29'		CITY			
02-INL-497	N22	S. SIDE AFTERNOON CIR. 100'+/- W. EARLY SUN D	8'	D.I.				CITY			
02-PIP-498	N22	FROM INL 497 X-ING AFTERNOON CIR. TO INL 499	18"	RCP	4.00	42'		CITY			
02-INL-499	N22	N.SIDE AFTERNOON CIR 100'+/- W OF EARLY SUN D	16'	D.I.				CITY			
02-PIP-500	N22	FROM INL 499 THRU TRAILER PARK TO MH 501	30"	RCP	2.05	314'		CITY			

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STRUCTURE NUMBER	MAP #	LOCATION/ DESCRIPTION	SIZE	TYPE	SLOPE	LENGTH	MAINTENANCE RESPONSIBILITY	OUTLET PIPE CHARACT.	SPILLWAY CHARACT.	CONDITION	REMARKS
02-MAN-501	N22	FROM PIP 500	4'	STD							CITY
02-INL-502	N22	W. SIDE AZURE CIR.	4'	DI							CITY
02-PIP-503	N22	FROM INL 502 TO MH 501	18"	RCP	3.6	111'					CITY
02-PIP-504	N22	FROM MH 501 NORTH TO MH 505	30"	RCP	2.20	237'					CITY
02-MAN-505	N22	W. SIDE ATLANTIC DR. FROM PIP 504	4'	STD							CITY
02-INL-506	N22	W. SIDE ATLANTIC DR.	4'	DI							CITY
02-PIP-507	N22	FROM INL 506 TO MH 505	18"	RCP	10	24'					CITY
02-PIP-508	N22	FROM MH 505 NORTH TO DRAIN. CHAN.	30"	RCP	2.40	131'					CITY
02-PIP-509	N22	OUTFALL PIP 508 INTO DRAIN. CHAN.	8'	FE SEC						EXCELLENT	CITY
02-MAN-510	019	N.SIDE HWY 24-320'+/- W. OF MURRAY BLVD.	8'	JCT MH							CITY
02-PIP-511	019	FROM MH 510 X-ING HWY 24	60"	RCP		84'					CITY
02-PIP-512	019	FROM MH 510 RUNNING W. ON HWY 24-OUT OF R.O.W	60"	RCP		506'					CITY
02-INL-513	019	N.SIDE EDISON AVE & 600' E. OF MURRAY									CITY
02-PIP-514	019	FROM INL 513 TO MH 517 ON S.SIDE OF EDISON AVE.									CITY
02-INL-515	019	S. SIDE OF EDISON AVE (OPP. MH 517)									CITY
02-PIP-516	019	FROM INL 515 TO MH 517									CITY
02-MAN-517	019	S. SIDE EDISON AVE 600'+/- E. OF MURRAY									CITY
02-PIP-518	019	FROM MH 517 RUNNING W. ON EDISON AVE.	36"	RCP	0.50	320'					CITY
02-INL-519	019	N.SIDE EDISON 225'+/- E. OF MURRAY BLVD.									CITY
02-PIP-520	019	FROM INL 519 TO MH 521									CITY
02-MAN-521	019	S.SIDE EDISON AVE 280'+/- E. OF MURRAY									CITY
02-PIP-522	019	FROM MH 521 RUNNING W. TO MH 527	36"	RCP	0.80	250'					CITY
02-INL-523	019	E. SIDE MURRAY BLVD. 100'+/- W. OF HWY24									CITY
02-PIP-524	019	FROM INL 523 TO INL 525 N.SIDE EDISON AVE.									CITY
02-INL-525	019	N. SIDE EDISON AVE.-C.R.7 MURRAY BLVD.									CITY
02-PIP-526	019	FROM INL 525 TO MH 527									CITY
02-MAN-527	019	S. SIDE OF EDISON AVE.									CITY
02-PIP-528	019	FROM MH 527 TO MH 529									CITY
02-MAN-529	019	N.SIDE HWY 24 AT EDISON AVE ENTR.									CITY
02-PIP-530	019	FROM MH 529 TO INTERSECT'N MURRAY & HWY 24	36"	OMP		75'					CITY
02-INL-531	019	W.SIDE MURRAY-C.R. N.SIDE HWY 24	18"	OMP							CITY
02-PIP-532	019	FROM INL 531 TO PIP 533	24"	OMP		28'					CITY
02-PIP-533	019	FROM PIP 530 & 532 X-ING HWY 24									CITY
02-CBC-534	019	FROM PIP 533	8' X 3'	RCB							CITY
02-PIP-535	020	FROM BOX 534 X-ING FRONTAGE RD.	2 - 14" X 23"	EL. RCP	1.00	50'					CITY
02-PIP-536	020	W. SIDE MURRAY BLVD. W. TO DRAIN. CHAN. 387	54"	RCP	2.50	207'					CITY
02-PIP-537	020	N.SIDE BIJOU ST 300'+/- W OF MURRAY TO CHAN387	42"	RCP	3.77	306'					CITY
02-INL-538	020	N. SIDE TRAILER PARK ENTRANCE	6'	D-10-R							PRIVATE
02-PIP-539	020	FROM INL 538 TO INL 540	18"	RCP							PRIVATE
02-INL-540	020	FROM PIP 539 OPPOSITE INL 538	6'	D-10-R							PRIVATE
02-PIP-541	020	FROM INL 540 X-ING MEDIAN IN DRIVE	18"	RCP							PRIVATE

FLARED END SECTION

SPRING CREEK DRAINAGE BASIN PLANNING STUDY
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STRUCTURE NUMBER	MAP #	LOCATION/ DESCRIPTION	SIZE	TYPE	SLOPE	LENGTH	MAINTENANCE RESPONSIBILITY	OUTLET PIPE CHARACT.	SPILLWAY CHARACT.	CONDITION	REMARKS
02-INL-542	020	FROM PIP 541	6"	D-10-R				PRIVATE			
02-PIP-543	020	FROM INL 542 TO MH 544	18"	RCP				PRIVATE			
02-MAN-544	020	S. SIDE TRAILER PARK ENT.	6"	D-10-R				PRIVATE			
02-PIP-545	020	FROM MH 544 RUN. N. SIDE MURRAY BLVD.	24"	RCP	1.13	1169'		CITY			
02-INL-546	020	N. SIDE OF MURRAY						CITY			
02-PIP-547	020	FROM INL 546 TO PIP 545	18"					CITY			
02-PIP-548	020	OUTFALL STRUCTURE FROM PIP 545						CITY			
02-INL-549	020	S. SIDE EASTCREST CIR. W.	5'	C.B.				CITY			
02-PIP-550	020	FROM INL 549 THRU EASH'T TO V DITCH	18"	CSP	5.2	185'		CITY			
02-CHA-551	020	E. SIDE MURRAY BLVD. THRU EASTCREST SUB.	5'W(TOP)	CONC DI	5.46	130'		CITY			
02-INL-552	020	W. SIDE SHADY CREST SUB.	4'	D10R				PRIVATE			
02-PIP-553	020	FROM INL 552 NORTH TO AIRPORT RD.	15"	RCP	4.59	105'		PRIVATE			
02-INL-554	020	N. SIDE SHADY CREST CIR 250'+- W OF CRESTLINE	6'	D10R				PRIVATE			
02-PIP-555	020	FROM INL 554 N. TO AIRPORT RD.	15"	RCP	8.07	112'		PRIVATE			
02-INL-556	020	E. SIDE MURRAY BLVD. AT CHAPMAN DR.	16'	D10R				CITY			
02-PIP-557	020	FROM INL 557 XING MURRAY TO S. SIDE CHAPMAN DR.	27"	RCP	2.00	83'		CITY			
02-PIP-558	020	FROM PIP 557 X-ING TO N. SIDE OF CHAPMAN	27"	RCP	2.00	63'		CITY			
02-INL-559	K21	INL BETWEEN PIP'S 1&2 (PROSPECT LK.)	4'	D-10R				CITY			
02-INL-560	L21	W. SIDE PRINTERS PKWY.	4'	D-10R				CITY			
02-INL-561	L21	PARKSIDE DR.-C.R. PRINTERS PKWY.	12'	D-10R				CITY			
02-INL-562	L21	N. SIDE PARKSIDE DR.	10'	D-10R				CITY			
02-MAN-563	L21	PRINTERS PKWY #5 SUB S. PROP. LINE	5'					CITY			
02-INL-564	L21	SAME AS ABOVE	14'	D-10R				CITY			
02-PIP-565	L21	FROM INL 564 TO MH 563	30"	RCP		19'		CITY			
02-PIP-566	L21	S. PROP. LINE P.P #5 FROM MHS63 TO DITCH	48"	RCP	0.52	797'		CITY			
02-CHA-567	L21	FROM PIP 566 SOUTH TO CIRCLE DR. V-DITCH, D=6', Z=1:1		CONC				CITY			
02-INL-568	L21	W. SIDE PRINTERS PKWY. PRINTERS PL. SUB #3	10'	D-10R				PRIVATE			
02-PIP-569	L21	FROM INL 568 S.W. THRU PRINTERS PARK	30"	RCP	0.90	397'		PRIVATE			
02-MAN-570	L21	FROM PIP 568	5'					PRIVATE			
02-PIP-571	L21	FROM MH 570 TO S.W. TO OUTFALL	30"	RCP	0.90	194'		PRIVATE			
02-PIP-572	L21	INLET PIPE TO INL 41 TO 40	24"	RCP		35'		PRIVATE			
02-INL-573	L21	W. SIDE BASSETT AT GOMER AVE.	12'	D-10R				CITY			
02-CHA-574	M19	EASTMORELAND CONC. CHANNEL 4' CHAN 13' WIDE (T)		CONC	VARIES	1363'+/-		CITY			
02-CHA-575	M19	FROM PIP 193 TO 194	6'x 6'	RC BOX		300'+/-		CITY			
02-PIP-576	L21	FROM INL. 44 TO INL 43	24"	RCP		90'		PRIVATE			
02-INL-577	M19	N SIDE OF GALLEY E SIDE OF REINHART DR	8'					CITY			
02-PIP-578	M19	X-ING GALLEY AT REINHART DR	38" X 60"	RCP		75'		CITY			
02-INL-579	M19	X-ING REINHART E TO W/S SIDE OF GALLEY	2' X 48"	G INLET		48'		CITY			
02-PIP-580	M19	FROM 579 TO CITADEL DR NORTH	42"	RCP	4.9	430'		CITY			
02-INL-581	M19	N SIDE CITADEL DR NORTH/W SIDE REINHART DR	8'					CITY			
02-PIP-582	M19	FROM 581 TO 66" RCP	30"	RCP		31'		CITY			

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STRUCTURE NUMBER	MAP #	LOCATION/ DESCRIPTION	SIZE	TYPE	SLOPE	LENGTH	MAINTENANCE RESPONSIBILITY	OUTLET PIPE CHARACT.	SPILLWAY CHARACT.	CONDITION	REMARKS
02-INL- 583	N19	N SIDE CITADEL DR NORTH OPPOSITE PARKING ENT	6'					CITY			
02-PIP- 584	N19	FROM 583	30"	RCP		31'		CITY			
02-INL- 585	N19	N SIDE CITADEL DR NORTH	12'					CITY			
02-PIP- 586	N19	FROM 585	36"	RCP		40'		CITY			
02-INL- 587	N19	PARKING AREA	12'	DCINLET				CITY			
02-PIP- 588	N19	FROM 587 TO PIPE IN CITADEL DR N	36"	RCP	4.6	163'		CITY			
02-INL- 589	N19	S SIDE CITADEL DR NO AT PARKING ENTRANCE	10'	RAD INL				CITY			
02-PIP- 590	N19	FROM INL 589	30"	RCP		5'		CITY			
02-PIP- 591	N19	S SIDE CITADEL DR NORTH MAIN STORM SEWER	36"	RCP	2.1	544'		CITY			
02-PIP- 592	N19		66"	RCP				CITY			(MALL EXPANSION '85) PLANS NOT AVA
02-INL- 593	N19	280' SOUTH IN PKING AREA FROM REINHART D	3'	D-10-R				PRIVATE			
02- -	M19/N19	FROM INL 593 TO INL 595	18"	RCP		300'		CITY			
02-INL- 595	M19	300' SW OF 595 PARKING AREA	4'	C INLET				PRIVATE			
02-PIP- 596	M19	FROM INL 595 TO INL 597	24"	RCP		300'		PRIVATE			
02-INL- 597	M19	300'+/- SOUTH OF INL 595	4'	C INLET				PRIVATE			
02-PIP- 598	M19	FROM INL 597 WEST 90' TO MH 605	24"	RCP		90'		PRIVATE			
02-MAN- 599	N19	MIDDLE OF PARKING AREA						PRIVATE			
02-PIP- 600	N19					130'		PRIVATE			
02-MAN- 601	N19		3'	D-10-R				PRIVATE			
02- -											
02-INL- 603	N19	PARKING AREA		TWIN 2'X 3' GR INLS				PRIVATE			
02-PIP- 604	M19/N19					330'		PRIVATE			
02-MAN- 605	M19	90' WEST INL 597						PRIVATE			
02-PIP- 606	M19		30"	RCP		260'		PRIVATE			
02-INL- 607	M19	PARKING ENTRANCE CITADEL DR NO W SIDE	6'	C INLET				PRIVATE			
02-PIP- 608	M19	FROM INL 607 TO 30" RCP	18"					PRIVATE			
02-PIP- 609	M19	FORM MH 605 TO MH 610	30"	RCP		130'		PRIVATE			
02-MAN- 610	M19	PARKING AREA W SIDE						PRIVATE			
02-PIP- 611	M19	FROM MH 610 TO MH 612	36"	RCP		385'		PRIVATE			
02-MAN- 612	M19	E SIDE CITADEL DR WEST						CITY			
02-INL- 613	M19	ISLAND IN PARKING AREA, W SIDE	4'					PRIVATE			
02-PIP- 614	M19	FROM 613 TO INL 615	14"	RCP				PRIVATE			
02-INL- 615	M19	E SIDE CITADEL DR WEST	6'	C INLET				CITY			
02-INL- 616	M19	W SIDE CITADEL DR WEST	6'	C INLET				CITY			
02-PIP- 617	M19	FROM 616 TO 615	18"	RCP		60'		CITY			
02-PIP- 618	M19	FROM INLET 615 TO MH 612	24"	RCP		90'		CITY			
02-PIP- 619	M19	FROM MH 612 TO MH 620	42" OR 54"	RCP		400'		CITY			
02-MAN- 620	M19	E SIDE OF CHELTON BTN CITADEL DR W GRASS AREA						CITY			
02-INL- 621	M19	ENTRANCE TO PARKING AREA OFF CITADEL DR	6'	C INLET				CITY			
02-PIP- 622	M19	FROM 621 TO INL 623	30"	RCP		60'		CITY			
02-INL- 623	M19	OPPOSITE INL 621 AT PARKING ENTRANCE	4'					CITY			

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02-PIP-624	N19	FROM INL 623 TO MH 620	36"	RCP		120'		CITY			
02-INL-625	N19	W SIDE CITADEL DR OPP PARKING ENTR	4'	C INLET				CITY			
02-PIP-626	N19	FROM MH 620 TO MH 627	66"	RCP		400'		CITY			
02-MAN-627	N19	E SIDE OF CHELTON IN GRASS AREA						CITY			
02-CBC-628	N19	BOX CULVERT UNDER PLATTE AT CITADEL MALL	10' X 8'	CBC				CITY			
02-PIP-629	N19	FROM CHELTON TO COLLECTION W BOX AT HWY 24	96"	RCP	1.15	557'		CITY			
02-CBC-630	N19	N SIDE HWY 24 400'+\ E FROM CL CHELTON	14' X 8'	C BOX				CITY			
02-PIP-631	N19	FROM CITADEL DR S TO JCT BOX @ HWY 24	72"	RCP	4.326	472'		CITY			
02-PIP-632	M19/N19	S SIDE CITADEL DR SOUTH TO PIP 631	66"	RCP		VARIES 1,507'		CITY			
02-INL-633	N19	N SIDE CITADEL DR S INLET INSIDE PARKING AREA	4'	C INLET				CITY			
02-PIP-634	N19	FROM 633 TO PIP 632	24"	RCP		40'		CITY			
02-INL-635	N19	INSIDE PARKING AREA N SIDE CURB ISLAND	4'					CITY			
02-PIP-636	N19	FROM 635 TO INL 637	24"	RCP		45'		CITY			
02-INL-637	N19	S SIDE CURB ISLAND OPP INLET 635	4'					CITY			
02-PIP-638	N19	FROM 637 TO PIP 632	24"	RCP		58'		CITY			
02-MAN-639	N19	PARKING AREA 650' NORTH OF CITADEL DRIVE S						PRIVATE			
02-PIP-640	N19	FROM MH 639 TO PIP 632	24"	RCP	3.6	698'		PRIVATE			
02-INL-641	N19	N SIDE CITADEL DR S PARKING AREA	12' C INLET					PRIVATE			
02-PIP-642	N19	FROM 641 TO PIP 640	36"	RCP		25'		PRIVATE			
02-INL-643	N19	N SIDE CITADEL DR SOUTH	12' C INLET					CITY			
02-PIP-644	N19	FROM 643 TO PIP 632	36"	RCP		38'		CITY			
02-PIP-645	N19	FROM E PORTAL DR RUNNING S ON CITADEL DR E	72"	RCP	1	1094'		CITY			
02-INL-646	N19	E SIDE CITADEL DR EAST	4' C INLET					CITY			
02-PIP-647	N19	FROM 646 TO PIP 645	24"	RCP		40'		CITY			
02-INL-648	N19	W SIDE CITADEL DR EAST, OPP INL 646	4' C INLET					CITY			
02-PIP-649	N19	FROM 648 TO PIP 645	24"	RCP		15'		CITY			
02-MAN-650	N19	480' W OF CITADEL DR E OPP E PORTAL DR						CITY			
02-PIP-651	N19	FROM MH 650 TO PIP 645	24"	RCP	1.7	507'		CITY			
02-PIP-652	N19	N SIDE E PORTAL DR	60"	RCP	3.2	348'		CITY			
02-INL-653	N19	W SIDE ACADEMY BLVD 100'+\ N OF PORTAL DR	8' C INLET					CDOH			
02-PIP-654	N19	FROM 653 TO PIP 664	30"	RCP		15'		CDOH			
02-INL-655	N19	E SIDE ACADEMY OPP INL 653	15' C INLET					CDOH			
02-PIP-656	N19	FROM 655 TO PIP 644	43" X 27"	C ARCH		102'		CDOH			
02-INL-657	N19	E SIDE ACADEMY 100' +\ OF PORTAL DR	5' C INLET					CDOH			
02-PIP-658	N19	FROM INL 257 TO INL 655	18"	RCP		100'		CDOH			
02-MAN-659	N19	W SIDE ACADEMY OPP ENTR TO CITADEL X-ING	10' X 10'	CONC				CITY			
02-INL-660	N19	ACADEMY ENTR CITADEL X-ING, S SIDE PARKING AR	4' X 20' C INLET					PRIVATE			
02-PIP-661	N19	FROM INL 660 TO BOX 659	30"	RCP		170'		PRIVATE			
02-INL-662	N19	CITADEL X-ING ENTR OPP INL 660	4' X 20' C INLET					PRIVATE			
02-PIP-663	N19	FROM INL 662 TO BOX 659	30"	RCP		160'		PRIVATE			
02-PIP-664	N19	FROM GALLEY SOUTH ON ACADEMY TO E PORTAL DR	60"	RCP VARIES		1042'		CITY			

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02-INL-665	N19	W SIDE ACADEMY AT C.R. TO CITADEL DR N	8'	C INLET				CDOH			
02-PIP-666	N19	FROM INL 665 TO PIP 666	30"	RCP		10'		CITY			
02-INL-667	N19	E SIDE CITADEL DR S IN PARKING AREA ENTR	4'	C INLET				CITY			
02-PIP-668	N19	FROM 667 TO PIP 669	24"	RCP		30'		CITY			
02-PIP-669	N19	CITADEL DRIVE S E SIDE RUNNING SOUTH	66"	RCP VARIES		500'		CITY			
02-INL-670	N19	SW PARKING AREA	4'	C INLET				CITY			
02-PIP-671	N19	FROM INL 670 TO PIP 669	30"	RCP		84'		CITY			
02-INL-672	N19	SW PARKING AREA	4'	C INLET				CITY			
02-PIP-673	N19	FROM 672 TO PIP 671	30"	RCP		84'		CITY			
02-INL-674	N19	NW PARKING AREA IN SERVICE MERCHANDISE PROP	4'	C INLET				PRIVATE			
02-PIP-675	N19	FROM 674 TO INL 676						PRIVATE			
02-INL-676	N19	NW PARKING AREA @ SERVICE MERCHANDISE	4'	C INLET				PRIVATE			
02-PIP-677	N19	FROM 676 TO PIP 631						PRIVATE			
02-INL-678	N19	S SIDE GALLEY ROAD @ ACADEMY	10'	C INLET				CITY			
02-PIP-679	N19	FROM 678 TO 338	24"	RCP		20'		CITY			
02-INL-680	N19	PARKING AREA AT ENTR ON GALLEY	10'	C INLET				CITY			
02-PIP-681	N19	FROM 680 TO PIP 338	24"	RCP		20'		CITY			
02-INL-682	N19	S SIDE GALLEY AT ENTR TO X-ING	6'	C INLET				CITY			
02-INL-683	N19	N SIDE GALLEY @ X-ING	6'	C INLET				CITY			
02-INL-684	N19	N END OF DELIVERY RD INTO X-ING	8' X 10'	BOTH				PRIVATE			
02-INL-685	N19	DELIVERY AREA	10'	C INLET				PRIVATE			
02-PIP-686	N19	FROM INL 685 TO 344	18"	RCP		20'		PRIVATE			
02-INL-687	N19	DELIVERY AREA	10'	C INLET				CITY			
02-PIP-688	N19	FROM 687 TO PIP 346	24"	RCP		30'		CITY			
02-INL-689	N19	E SIDE DELIV RD OPP INL 687	10'	C INLET				CITY			
02-PIP-690	N19	FROM 689 TO PIP 346	24"	RCP		10'		CITY			
02-INL-691	N19	W SIDE DELIV AREA	2' X 6'	G INLET				PRIVATE			
02-PIP-692	N19	FROM 691 TO PIP 348	18"	RCP				PRIVATE			
02-INL-693	N19	W SIDE DELIVERY AREA	10'	C INLET				PRIVATE			
02-PIP-694	N19	FROM 693 TO PIP 350	24"	10'				PRIVATE			
02-INL-695	N19	S END X-ING PARKING AREA	20'	C INLET				PRIVATE			
02-PIP-696	N19	FROM 695 TO INL 697	24"	RCP		100'		PRIVATE			
02-INL-697	N19	S END X-ING PARKING AREA	20'	C INLET				PRIVATE			
02-PIP-698	N19	FROM 697 TO BOX 358	36"	RCP		200'		PRIVATE			
02-CBC-699	L22	OUTLET FROM INLET	22' X 10'	CBC	0.8	900'		CITY		FAIR-GOOD	
02-INL-700	N21	E SIDE ACADEMY	12' X 4'	G INLET				CDOH			
02-PIP-701	N21	FROM 700 TO INL 702	24"	RCP	3.27	398'		CITY		EXCELLENT	
02-INL-702	N20	PIKES PEAK AT ACADEMY	8'	C INLET				CITY			
02-PIP-703	N20	ACROSS PIKES PEAK	18"	CMP		95'		CITY			
02-INL-704	N20	N SIDE PIKES PEAK		C INLET				CITY			
02-CBC-705	N21	X-ING ACADEMY	(2)10' X 4'	CBC	1	95'		CDOH			

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02-CBC- 706	N21	E OF ACADEMY	12' X 6'	CBC	1.5	700'		CITY			
02-FES- 707	N21	E OF CEMETARY	30"	FES				CITY			
02-PIP- 708	N22	MEM GARDENS CEMETARY	30"	RCP	1.47	188'		CITY			
02-MAN- 709	N22	MEM GARDENS CEMETARY						CITY			
02-PIP- 710	N22	MEM GARDENS CEMETARY	30"	RCP	1.95	360'		CITY			
02-MAN- 711	N22	MEM GARDENS CEMETARY						CITY			
02-PIP- 712	N19	FROM 625 TO 624	18"	RCP		35'		CITY			
02-MAN- 713	N22	MEMORIAL GARDENS CEMETARY		C.B.				CITY			
02-PIP- 714	N21	MEMORIAL GARDENS CEMETARY	30"	RCP	1.00	420'		CITY			
02-MAN- 715	N21	MEMORIAL GARDENS CEMETARY		C.B.				CITY			
02-PIP- 716	N21	MEMORIAL GARDENS CEMETARY	30"	RCP	1.25	420'		CITY			
02-PIP- 717	N22	MEMORIAL GARDENS CEMETARY	30"	RCP	1.55	420'		CITY			
02-PIP- 718	N19	FROM 669 TO 719				30'		PRIVATE			
02-INL- 719	N19	CITADEL MALL		C.B.				PRIVATE			
02-PIP- 720	N19	FROM 719 TO 721				80'		PRIVATE			
02-INL- 721	N19	CITADEL MALL		C.B.				PRIVATE			
02-PIP- 722	N19	FROM 721 TO 723				130'		PRIVATE			
02-INL- 723	N19	CITADEL MALL		C.B.				PRIVATE			
02-MAN- 724	N19	CITADEL MALL		MANHOLE				PRIVATE			
02-PIP- 725	N19	FROM 724 TO 726				100'		PRIVATE			
02-INL- 726	N19	CITADEL MALL		C.B.				PRIVATE			
02-PIP- 727	N19	FROM 724 TO 728				160'		PRIVATE			
02-INL- 728	N19	CITADEL MALL		C.B.				PRIVATE			
02-PIP- 729	N19	FROM 728 TO 730				70'		PRIVATE			
02-INL- 730	N19	CITADEL MALL		C.B.				PRIVATE			
02-PIP- 731	N19	FROM 181 TO 732				15'		CITY			
02-INL- 732	N19	CITADEL MALL		C.B.				CITY			
02-PIP- 733	N19	FROM 181 TO 734				40'		CITY			
02-INL- 734	N19	CITADEL MALL		C.B.				CITY			
02-PIP- 735	N19	FROM 185 TO 736				50'		CITY			
02-MAN- 736	N19	NW CORNER BOWSER/CHELTON		MANHOLE				CITY			
02-PIP- 737	N19	FROM 736 TO 738				30'		CITY			
02-INL- 738	N19	NW CORNER BOWSER/CHELTON		C.B.				CITY			
02-PIP- 739	N19	FROM 736 TO 740				30'		CITY			
02-INL- 740	N19	NW CORNER BOWSER/CHELTON		C.B.				CITY			
02-INL- 741	N19	CITADEL MALL		C.B.				PRIVATE			
02-INL- 742	N18	SW CORNER SAN MIGUEL/AUBURN	10' HIGH CAP.	C.B.				CITY			
02-PIP- 743	N18	FROM 742 TO 328	30"	RCP		20'		CITY			
02-INL- 744	N18	W SIDE OF MARION/AUBURN	10'	D-10-R				CITY			
02-PIP- 745	N18	FROM 744 TO 329	30"	RCP		18'		CITY			
02-INL- 746	N18	E SIDE OF MARION/AUBURN	10'	D-10-R				CITY			

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02-PIP- 747	N18	FROM 746 TO 329	22" X 36"	ARCH		33'		CITY			
02-INL- 748	N18	W SIDE UINTAH/AUBURN		8' D-10-R				CITY			
02-PIP- 749	N18	FROM 748 TO 739		24" RCP		16'		CITY			
02-INL- 750	N18	E SIDE OF UINTAH/AUBURN		8' D-10-R				CITY			
02-PIP- 751	N18	FROM 750 TO 739	18" X 28"	ARCH		33'		CITY			
02-CBC- 752	019	FROM N SIDE OF PLATTE TO S SIDE		3' X 8' CBC		100'		CITY			
02-MAN- 753	019	S SIDE OF PLATTE WEST OF MURRAY		MANHOLE				CITY			
02-PIP- 754	020	FROM 511 TO 387		66" CMP		570'		CITY			
02-PIP- 755	N22	TO 302 ACROSS CHELTON BY VALLI HI		48" RCP		179'		CITY			
02-INL- 756	N22	VERNON CT		4' D-10-R				CITY			
02-PIP- 757	N22	FROM 756		18" CMP		171'		CITY			
02-INL- 758	N19	CITADEL MALL		C.B.				PRIVATE			
02-PIP- 759	N19	FROM 713 TO 715				150'		PRIVATE			
02-INL- 760	N19	CITADEL MALL		C.B.				PRIVATE			
02-PIP- 761	N19	FROM 603 TO 717				130'		PRIVATE			
02-INL- 762	N19	CITADEL MALL		C.B.				PRIVATE			
02-BRI- 763	K24	BRIDGE ON LAS VEGAS STREET AT MAIN CHANNEL		30' SPAN X 15' D BRIDGE		70'		COUNTY			
02-BRI- 764	K24	BRIDGE AT RAILROAD AT MAIN CHANNEL		61' SPAN X 13' D BRIDGE		20'		RAILROAD			
02-BRI- 765	K23	BRIDGE AT HANCOCK EXP. AT MAIN CHANNEL		75' SPAN X 19' D BRIDGE		70'		CITY			
02-CBC- 766	L22	BOX CULVERT FOR MAIN CHANNEL AT CIRCLE		DOUBLE 10' X 6' CBC		105'		CDOH		EXCELLENT	
02-PIP- 767	N19	FROM 627 TO 630		66" RCP		630'		CITY			
02-PIP- 768	L21	FROM 57 & 58 TO 312		84" CMP		550'		CITY			
02-PIP- 769	L21	TO 51		36"				CDOH			FROM L-D STUDY
02-CHA- 770	L22	MIDDLE OF CIRCLE DR SOUTH OF FOUNTAIN		10' WIDE, 2' DEEP CONC.		330'		CDOH		FAIR-POOR	V-DITCH
02-PIP- 771	L22	EAST OF CIRCLE DR FROM THE NORTH		54" CMP		300'		CDOH		POOR	
02-PIP- 772	N22	FROM 302 TO 305		42" CMP		60'		CITY		FAIR-POOR	
02-PIP- 773	N22	FROM 774 TO 303		48" RCP		60'		PRIVATE		GOOD-EXCELLENT	
02-INL- 774	N22	END OF EVENING STAR CT						PRIVATE			
02-PIP- 775	N22	FROM 776 TO 303		20" X 12" RCP		100'		PRIVATE		EXCELLENT	
02-INL- 776	N22	END OF PAMPAS CT						PRIVATE			
02-PIP- 777	N22	FROM APARTMENTS TO CHANNEL		16" CMP		60'		PRIVATE		EXCELLENT	
02-CBC- 778	N21	AIRPORT ROAD CROSSING	(2)13'X5', (1) 18'X5'	CBC		70'		CDOH		EXCELLENT	W/ 1.5' V DITCH ABOVE
02-CHA- 779	N21	FROM 425 TO 778	13' WIDE X 3' DEEP	EARTH				CDOH		GOOD	CONC. WALL ON RIGHT SIDE
02-PIP- 780	N21	FROM 781 TO 408		12" PVC		110'		PRIVATE		GOOD	
02-INL- 781	N21	INLET IN PARKING AREA		GRADED				PRIVATE			
02-PIP- 782	N20	FROM 783 TO 391		27" RCP		70'		CITY		EXCELLENT	
02-INL- 783	N20	BIJOU ST NEAR EAST TRIBUTARY						CITY			
02-INL- 784	N20	PIKES PEAK/ACADEMY		10' D-10-R				CDOH			
02-PIP- 785	N20	FROM 784 TO 786		18"				PRIVATE			
02-INL- 786	N20	PIKES PEAK/ACADEMY		GRADED				PRIVATE			
02-RES- 787	K21	PROSPECT LAKE						CITY GATED OUTLET		N/A	

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02-PIP- 788	K23	CULVERT UNDER HANCOCK EXPRESSWAY	30"	OMP	7	120'		CITY			
02-INL- 789	K23	SOUTH OF HANCOCK EXPRESSWAY	2' DIAMETER	GRADED				CITY			
02-PIP- 790	K23	CULVERT UNDER HANCOCK DRIVE	30"	OMP	7	240'		CITY			
02-PIP- 791	K23	CULVERT UNDER RAILROAD	54"	RCP		90'		RAILROAD			
02-PIP- 792	K23	CULVERT UNDER RAILROAD	18"	OMP		240'		RAILROAD			
02-INL- 793	K23	INLET BY RAILROAD		GRADED				COUNTY			
02-PIP- 794	K23	BY LAS VEGAS STREET	18"	OMP		50'		COUNTY			
02-PIP- 795	N22	FROM 312 TO 323	42"	OMP		480'		CITY			
02-PIP- 796	N22	CULVERT UNDER VERDE DRIVE	24"	OMP		110'		CDOH			
02-INL- 797	N22	NW CORNER OF CIRCLE/FOUNATIN	22'	C.O.				CDOH			
02-PIP- 798	N22	ON SOUTH SIDE OF VALLEY HI - TO 699	30"	OMP		410'		CITY			
02-IN - 799	N22	E. SIDE ACAD., N. OF WENTWORTH	42" x 42"	GRADED				CDOH			
02-PIP- 800	N22	E. SIDE ACAD., N. OF WENTWORTH	18"	RCP		200'		CDOH			
02-IN - 801	N22	E. SIDE ACAD., N. OF WENTWORTH	42" x 42"	GRADED		60'		CDOH			
02-PIP- 802	N22	E. SIDE ACAD., N. OF WENTWORTH	24"	RCP				CDOH			
02-IN - 803	N22	E. SIDE ACAD., N. OF WENTWORTH	4' D-10-R					CDOH			
02-PIP- 804	N22	E. SIDE ACAD., N. OF WENTWORTH	24"	RCP		20'		CDOH			
02-MAN- 805	N22	E. SIDE ACAD., N. OF WENTWORTH	24" x 24"	GRADED				CDOH			
02-PIP- 806	N22	E. SIDE ACAD., N. OF WENTWORTH	18"	RCP		20		CDOH			
02-INL- 807	N22	E. SIDE ACAD., N. OF WENTWORTH	4' D-10-R					CDOH			
02-INL- 808	N22	E. OF ACAD. - PARK LOT	24" x 24"	GRADED				PRIVATE			
02-PIP- 809	N22	E. OF ACAD. - PARK LOT	24"	RCP				PRIVATE			
02-INL- 810	N21	RUSKIN DR. AT WHITTIER	18" x 24"	GRADED				CITY			
02-PIP- 811	N21	RUSKIN DR. AT WHITTIER	10"	OMP		35		CITY			
02-INL- 812	N21	RUSKIN DR. AT WHITTIER	17'	D-11				CITY			
02-INL- 813	021	W. SHELLEY AVE. AT VEHR DR.	2.5' x 10'	GRADED				CITY			
02-PIP- 814	021	W. SHELLEY AVE. AT VEHR DR.	36"	OMP				CITY			
02-INL- 815	021	W. SHELLEY AVE. AT VEHR DR.	2.5' x 10'	GRADED				CITY			
02-PIP- 816	021	W. SHELLEY AVE. AT VEHR DR.	36"	OMP				CITY			
02-INL- 817	021	W. SHELLEY AVE. AT DEWEY DR.	2.5' x 10'	GRADED				CITY			
02-PIP- 818	021	W. SHELLEY AVE. AT DEWEY DR.	36"	OMP				CITY			
02-INL- 819	021	W. SHELLEY AVE. AT DEWEY DR.	2.5' x 10'	GRADED				CITY			
02-PIP- 820	021	W. SHELLEY AVE. AT DEWEY DR.	36"	OMP				CITY			
02-PIP- 821	021	W. SHELLEY AVE. AT DEWEY DR.	42"	CSP				CITY			
02-INL- 822	021	SHELLEY AVE. AT MURRAY BLVD.	18' D-10-R					CITY			
02-PIP- 823	021	SHELLEY AVE. AT MURRAY BLVD.	48"	CSP				CITY			
02-INL- 824	021	SHELLEY AVE. AT MURRAY BLVD.	2' DIA	GRADED				CITY			
02-INL- 825	021	N SIDE SHELLEY AVE. AT MURRAY BLVD.	14'	D-11				CITY			
02-PIP- 826	021	N SIDE SHELLEY AVE. AT MURRAY BLVD.		OMP				CITY			
02-INL- 827	021	S SIDE SHELLEY AVE. AT MURRAY BLVD.	14'	D-11				CITY			
02-PIP- 828	021	S SIDE SHELLEY AVE. AT MURRAY BLVD.		OMP				CITY			

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02-PIP- 829	021	S SIDE SHELLEY AVE W OF MURRAY BLVD.		CSP			CITY			
02-INL- 830	021	N SIDE SHELLEY AVE AT ROBBINS MILL CT.	18" x 24"	GRATED			CITY			
02-PIP- 831	021	N SIDE SHELLEY AVE AT ROBBINS MILL CT.		10"	CHP		CITY			
02-PIP- 832	021	S SIDE SHELLEY AVE AT ROBBINS MILL CT.				CSP	CITY			
02-INL- 833	021	E SIDE ROBBINS MILL S OF SHELLEY AVE.	18" x 24"	GRATED			CITY			
02-PIP- 834	021	E SIDE ROBBINS MILL S OF SHELLEY AVE.		8"	CHP		CITY			
02-INL- 835	021	E SIDE ROBBINS MILL S OF SHELLEY AVE.	18" x 24"	GRATED			CITY			
02-PIP- 836	021	E SIDE ROBBINS MILL S OF SHELLEY AVE.		8"	CHP		CITY			
02-PIP- 837	021	E SIDE ROBBINS MILL S OF SHELLEY AVE.		8"	CHP		CITY			
02-INL- 838	021	E SIDE ROBBINS MILL S OF SHELLEY AVE.	18" x 24"	GRATED			CITY			
02-PIP- 839	021	E SIDE ROBBINS MILL S OF SHELLEY AVE.		8"	CHP		CITY			
02-PIP- 840	021	E SIDE ROBBINS MILL S OF SHELLEY AVE.		8"	CHP		CITY			
02-INL- 841	021	E SIDE ROBBINS MILL S OF SHELLEY AVE.	18" x 24"	GRATED			CITY			
02-PIP- 842	021	E SIDE ROBBINS MILL S OF SHELLEY AVE.		8"	CHP		CITY			
02-INL- 843	021	E SIDE ROBBINS MILL S OF SHELLEY AVE.	18" x 24"	GRATED			CITY			
02-PIP- 844	021	E SIDE ROBBINS MILL S OF SHELLEY AVE.		8"	CHP		CITY			
02-PIP- 845	021	E SIDE ROBBINS MILL S OF SHELLEY AVE.		8"	CHP		CITY			
02-INL- 846	021	E SIDE ROBBINS MILL S OF SHELLEY AVE.	18" x 24"	GRATED			CITY			
02-PIP- 847	021	E SIDE ROBBINS MILL S OF SHELLEY AVE.		10"	CHP		CITY			
02-PIP- 848	021	S SIDE SHELLEY AVE W OF ROBBINS MILL CT				CSP	CITY			
02-INL- 849	021	N SIDE SHELLEY AVE AT LONGFELLOW DR.		14'	D-11		CITY			
02-PIP- 850	021	N SIDE SHELLEY AVE AT LONGFELLOW DR.		10'	CHP		CITY			
02-INL- 851	021	N SIDE SHELLEY AVE AT LONGFELLOW DR.	18" x 24"	GRATED			CITY			
02-PIP- 852	021	N SIDE SHELLEY AVE AT LONGFELLOW DR.		10"	CHP		CITY			
02-INL- 853	021	S SIDE SHELLEY AVE. AT LONGFELLOW DR.	18" x 24"	GRATED			CITY			
02-PIP- 854	021	S SIDE SHELLEY AVE. AT LONGFELLOW DR.		10"	CHP		CITY			
02-PIP- 855	021	S SIDE SHELLEY AVE. AT LONGFELLOW DR.				CSP	CITY			
02-INL- 856	021	S SIDE SHELLEY AVE. AT LONGFELLOW DR.		14'	D-11		CITY			
02-PIP- 857	021	S SIDE SHELLEY AVE. AT LONGFELLOW DR.		10"	CHP		CITY			
02-INL- 858	021	S SIDE SHELLEY AVE. AT LONGFELLOW DR.		2' DIA	GRATED		CITY			
02-PIP- 859	021	S SIDE OF SHELLEY AVE W OF MILTON DR.				CSP	CITY			
02-INL- 860	021	S SIDE SHELLEY AVE. AT MILTON DR.	18" x 24"	GRATED			CITY			
02-PIP- 861	021	S SIDE SHELLEY AVE. AT MILTON DR.		10"	CHP		CITY			
02-INL- 862	021	N SIDE SHELLEY AVE. AT MILTON DR.	18" x 24"	GRATED			CITY			
02-PIP- 863	021	N SIDE SHELLEY AVE. AT MILTON DR.		10"	CHP		CITY			
02-INL- 864	021	N SIDE SHELLEY AVE. AT MILTON DR.		14'	D-11		CITY			
02-PIP- 865	021	N SIDE SHELLEY AVE. AT MILTON DR.		10"	CHP		CITY			
02-INL- 866	021	S SIDE SHELLEY AVE. AT MILTON DR.		2' DIA	GRATED		CITY			
02-PIP- 867	021	S SIDE SHELLEY AVE. E OF MILTON DR.				CSP	CITY			
02-INL- 868	021	S SIDE SHELLEY AVE. AT LONGFELLOW DR.	18" x 24"	GRATED			CITY			
02-PIP- 869	021	S SIDE SHELLEY AVE. AT LONGFELLOW DR.		10"	CHP		CITY			

SPRING CREEK DRAINAGE BASIN PLANNING STUDY
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STRUCTURE NUMBER	MAP #	LOCATION/ DESCRIPTION	SIZE	TYPE	SLOPE	LENGTH	MAINTENANCE RESPONSIBILITY	OUTLET PIPE CHARACT.	SPILLWAY CHARACT.	CONDITION	REMARKS
02-INL- 870	021	S SIDE SHELLEY AVE. AT LONGFELLOW DR.	14'	D-11				CITY			
02-PIP- 871	021	S SIDE SHELLEY AVE. AT LONGFELLOW DR.	24"	OMP				CITY			
02-PIP- 872	021	S SIDE SHELLEY AVE. W OF LONGFELLOW DR		CSP				CITY			
02-PIP- 873	021	E SIDE ACADEMY BLVD. AT AIRPORT RD.	34" x 53"	HE-RCP				CDOH			
02-PIP- 874	N21	E SIDE ACADEMY N. OF AIRPORT RD.	30"	RCP				CDOH			
02-INL- 875	L22	N SIDE FOUNTAIN BLVD. W OF CIRCLE DR.	11'					CITY			
02-PIP- 876	L22	FOUNTAIN BLVD W OF CIRCLE DR.	24"	OMP				CITY			
02-INL- 877	L22	S SIDE FOUNTAIN BLVD. W OF CIRCLE DR.	11'					CITY			
02-PIP- 878	L22	S OF FOUNTAIN BLVD. W OF CIRCLE DR.	24"	OMP				CITY			
02-INL- 879	L22	N SIDE FOUNTAIN BLVD.	7'					CITY			
02-INL- 880	L22	S SIDE FOUNTAIN BLVD.	7'					CITY			
02-INL- 881	L22	E SIDE UNION BLVD. AT FOUNTAIN BLVD.	19'					CITY			
02-PIP- 882	L22	UNION BLVD.	15"	RCP				CITY			
02-INL- 883	L22	W SIDE UNION BLVD. AT FOUNTAIN BLVD.	19'					CITY			
02-PIP- 884	L22	FOUNTAIN BLVD.	24"	RCP				CITY			
02-INL- 885	L22	S. SIDE FOUNTAIN BLVD.		GRADED				CITY			
02-PIP- 886	L22	S FOUNTAIN BLVD.	30"	OMP				CITY			
02-INL- 887	M24	S SIDE MONTEREY RD. AT CIRCLE DR.	4'					CITY			
02-PIP- 888	M24	W SIDE CIRCLE	18"	OMP				CITY			
02-INL- 889	N18	N SIDE SAN MIGUEL ST. AT POTTER DR.	18" x 24"	GRADED				CITY			
02-PIP- 890	N18	N SIDE SAN MIGUEL ST. AT POTTER DR.	10"	OMP				CITY			
02-INL- 891	N18	N SIDE SAN MIGUEL ST. AT POTTER DR.	18" x 24"	GRADED				CITY			
02-PIP- 892	N18	N SIDE SAN MIGUEL ST. AT POTTER DR.	10"	OMP				CITY			
02-INL- 893	N18	S SIDE SAN MIGUEL ST AT POTTER DR.	14'	D-11				CITY			
02-PIP- 894	N18	W SIDE POTTER DR.	30"	OMP				CITY			
02-INL- 895	N19	N SIDE GALLEY RD. AT POTTER DR.	18" x 24"	GRADED				CITY			
02-PIP- 896	N19	N SIDE GALLEY RD. AT POTTER DR.	10"	OMP				CITY			
02-INL- 897	N19	N SIDE GALLEY RD. AT POTTER DR.	14"	D-11				CITY			
02-INL- 898	020	W SIDE MURRAY AT BIJOU ST.	4'	D-10-R				CITY			
02-PIP- 899	020	W SIDE MURRAY AT BIJOU ST.	18"	RCP				CITY			
02-INL- 900	020	E SIDE MURRAY BLVD. AT BIJOU ST.	30" x 54"	GRADED				CITY			
02-PIP- 901	020	E SIDE MURRAY BLVD. AT BIJOU ST.	24"	RCP				CITY			
02-INL- 902	020	E SIDE MURRAY BLVD. AT BIJOU ST.	4'	D-10-R				CITY			
02-PIP- 903	020	E SIDE MURRAY BLVD. AT BIJOU ST.	18"	RCP				CITY			
02-INL- 904	020	N SIDE BIJOU ST. AT MURRAY BLVD.	4'	D-10-R				CITY			
02-PIP- 905	020	N SIDE BIJOU ST. AT MURRAY BLVD.	18"	RCP				CITY			
02-INL- 906	N19	S SIDE UINTAH ST. AT REINHARDT DR.	3'	CO				CITY			
02-PIP- 907	N19	S SIDE UINTAH ST. AT REINHARDT DR.	12"	PVC				CITY			
02-INL- 908	N19	N SIDE GALLEY RD. AT REINHARDT DR.	3'	CO				CITY			
02-INL- 909	N19	NJ CITADEL MALL	36" x 36"	GRADED				PRIVATE			
02-PIP- 910	N19	NJ CITADEL MALL	12"	RCP				PRIVATE			

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STRUCTURE NUMBER	MAP #	LOCATION/ DESCRIPTION	SIZE	TYPE	SLOPE	LENGTH	MAINTENANCE RESPONSIBILITY	OUTLET PIPE CHARACT.	SPILLWAY CHARACT.	CONDITION	REMARKS
02-PIP- 911	N19	NW CITADEL MALL	12"	RCP				PRIVATE			
02-PIP- 912	N19	NW CITADEL MALL	18"	RCP				PRIVATE			
02-CBC- 913	M19	FROM CHA 575 TO PIP 194	3' x 3'	DOUBLE				CITY			
02-INL- 914	M21	E SIDE BASSETT DR. AT HAYMAN DR.						CITY			
02-PIP- 915	M21	BASSETT DR. AT HAYMAN DR.						CITY			
02-PIP- 916	M21	W SIDE BASSETT DR.						CITY			
02-PIP- 917	L21	W GARO AVE. AT NE K-MART	4'	CO				CITY			
02-PIP- 918	L21	W GARO AVE. AT NE K-MART	60" x 38"	ELLIP-RCP				CITY			
02-INL- 919	L21	W SIDE CIRCLE DR. AT EAST EXIT K-MART	28"	CO				CDOH			
02-PIP- 920	L21	W SIDE CIRCLE DR. AT EAST EXIT K-MART	72"	RCP				CDOH			
02-INL- 921	L21	W SIDE CIRCLE DR. AT EAST EXIT K-MART	18"	GRADED				CDOH			
02-PIP- 922	L21	W SIDE CIRCLE DR. AT EAST EXIT K-MART	18"					CDOH			
02-INL- 923	L21	W SIDE CIRCLE DR. AT EAST EXIT K-MART	18"	GRADED				CDOH			
02-PIP- 924	L21	W SIDE CIRCLE DR. AT EAST EXIT K-MART	72"	RCP				CDOH			
02-INL- 925	L21	W SIDE CIRCLE DR. AT EAST EXIT K-MART	40'	CO				CDOH			
02-INL- 926	L21	N SIDE AIRPORT RD. EAST OF CIRCLE DR.	6'	CO				CDOH			
02-CUL- 927	L21	N SIDE AIRPORT RD. EAST OF CIRCLE DR.	14'-4" x 4'-6"	ARCH				CDOH			
02-PIP- 928	020	N SIDE BIJOU ST. AT MURRAY BLVD.	42"	RCP				CITY			
02-MAN- 929	020	W SIDE BIJOU ST. AT MURRAY BLVD.						CITY			
02-PIP- 930	019	N SIDE PLATTE W OF MURRAY	60"	RCP				CDOH			
02-INL- 931	019	N SIDE PLATTE W OF MURRAY						CDOH			
02-PIP- 932	019	N SIDE PLATTE W OF MURRAY						CDOH			
02-CHA- 933	019	N SIDE PLATTE W OF MURRAY	4'	CONC				CDOH			
02-INL- 934	019	N SIDE PLATTE S OF MURRAY						CDOH			
02-PIP- 935	019	N SIDE PLATTE S OF MURRAY						CDOH			
02-PIP- 936	019	N SIDE PLATTE S OF MURRAY	18"	CHP OPEN END				CDOH			
02-PIP- 937	019	N SIDE PLATTE S OF MURRAY	18"	CHP STAY TO DITCH				CDOH			
02-INL- 938	019	N SIDE PLATTE S OF MURRAY	4'					CDOH			
02-PIP- 939	019	N SIDE PLATTE S OF MURRAY	36"	CHP				CDOH			
02-PIP- 940	K23	S OF HANCOCK EXPRESS. W OF PROPOSED HWY 24	74"	CSP				COUNTY			
02-CHA- 941	L22	N OF FOUNTAIN BLVD. W OF HUTCHINSON DR.	V-DITCH, D=6.85'	CONC				CITY			
02-CBC- 942	L23	S FOUNTAIN BLVD. E OF PROPOSED UNION BLVD.	TWIN 12' x 12'	RCB	1.0%	1333'		CDOH			
02-INL- 943	L23	S FOUNTAIN BLVD. E OF PROPOSED UNION BLVD.	4'	GRADED				CDOH			
02-PIP- 944	L23	S FOUNTAIN BLVD. E OF PROPOSED UNION BLVD.	24"	RCP				CDOH			
02-INL- 945	L23	S FOUNTAIN BLVD. E OF PROPOSED UNION BLVD.		R				CDOH			
02-PIP- 946	L23	S FOUNTAIN BLVD. E OF PROPOSED UNION BLVD.	30"	RCP				CDOH			
02-INL- 947	L23	S FOUNTAIN BLVD. E OF PROPOSED UNION BLVD.		D				CDOH			
02-PIP- 948	L23	S FOUNTAIN BLVD. E OF PROPOSED UNION BLVD.	30"					CDOH			
02-INL- 949	L23	S FOUNTAIN BLVD. E OF PROPOSED UNION BLVD.		D				CDOH			
02-PIP- 950	L23	S FOUNTAIN BLVD. E OF PROPOSED UNION BLVD.	36"					CDOH			
02-CBC- 951	L23	S FOUNTAIN BLVD. E OF PROPOSED UNION BLVD.	8' x 6'	RCB				CDOH			

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STRUCTURE NUMBER	MAP #	LOCATION/ DESCRIPTION	SIZE	TYPE	SLOPE	LENGTH	MAINTENANCE RESPONSIBILITY	OUTLET PIPE CHARACT.	SPILLWAY CHARACT.	CONDITION	REMARKS
02-EDP-952	L23	S FOUNTAIN BLVD. E OF PROPOSED UNION BLVD.						CDOH			
02-CHA-953	L23	S FOUNTAIN BLVD. E OF PROPOSED UNION BLVD.		LOW FLOW				CDOH			
02-PIP-954	L23	S FOUNTAIN BLVD. E OF PROPOSED UNION BLVD.	42"	RCP-UC		237'		CDOH			
02-EDP-955	L23	S FOUNTAIN BLVD. E OF PROPOSED UNION BLVD.						CDOH			
02-BRI-956	L23	S FOUNTAIN BLVD. E OF PROPOSED UNION BLVD.						CDOH			
02-BRI-957	L23	S FOUNTAIN BLVD. E OF PROPOSED UNION BLVD.						CDOH			
02-PIP-958	L23	S FOUNTAIN BLVD. E OF PROPOSED UNION BLVD.	78"	RCP		80'		CDOH			
02-PIP-959	L23	S FOUNTAIN BLVD. E OF PROPOSED UNION BLVD.	72"	RCP		310'		CDOH			
02-PIP-960	L23	S FOUNTAIN BLVD. E OF PROPOSED UNION BLVD.	36"	RCP		198'		CDOH			
02-PIP-961	L23	S FOUNTAIN BLVD. E OF PROPOSED UNION BLVD.	24"	RCP		71'		CDOH			
02-PIP-962	L23	S FOUNTAIN BLVD. E OF PROPOSED UNION BLVD.	24"	RCP		106'		CDOH			
02-PIP-963	L23	S FOUNTAIN BLVD. E OF PROPOSED UNION BLVD.	36"	RCP		293'		CDOH			
02-PIP-964	L23	S FOUNTAIN BLVD. E OF PROPOSED UNION BLVD.	24"	RCP		171'		CDOH			
02-CBC-965	L23	S FOUNTAIN BLVD. E OF PROPOSED UNION BLVD.	TWIN 13' x 10'	RCB		320'		CDOH			
02-INL-966	M22	N OF FOUNTAIN BLVD. E OF CIRCLE DR.		DROP				CITY			
02-PIP-967	M22	N OF FOUNTAIN BLVD. E OF CIRCLE DR.	30"	CSP				CITY			
02-INL-968	M22	N OF FOUNTAIN BLVD. E OF CIRCLE DR.		DROP				CITY			
02-CHA-969	M22	N OF FOUNTAIN BLVD. E OF CIRCLE DR.	10' x 22'	CON CONC				CITY			
02-PIP-970	M22	FROM INL 968 TO CHA 969	36"	CMP	1.65%	35'		CITY			
02-PIP-971	L22	UPPER PND TO MID PND ON VALLEY HI GOLFCOURSE	15"	PVC				CITY			
02-PIP-972	L22	UPPER PND TO MID PND ON VALLEY HI GOLFCOURSE	15"	PVC				CITY			
02-PIP-973	L22	UPPER PND TO MID PND ON VALLEY HI GOLFCOURSE	15"	PVC				CITY			
02-INL-974	M22	E OF CIRCLE DR ON VALLEY HI AVE		GRATED				CITY			
02-PIP-975	M22	E OF CIRCLE DR ON VALLEY HI AVE	12"	CSP				CITY			
02-INL-976	M22	W CHELTON RD S OF VALLEY HI AVE						CITY			
02-PIP-977	M22	W CHELTON RD S OF VALLEY HI AVE	24"	CSP				CITY			
02-INL-978	M22	S SIDE WENTWORTH DR. E OF ACADEMY BLVD	6'	D-10-R				CITY			
02-PIP-979	M22	S SIDE WENTWORTH DR. E OF ACADEMY BLVD						CITY			
02-INL-980	M22	S SIDE WENTWORTH DR. E OF ACADEMY BLVD						CITY			
02-CUL-981	K23	E OF I-25 ON PROPOSED HWY-24 BYPASS	24"					CDOH			
02-PIP-982	N21	S SIDE SHELLEY AVE E OF ACADEMY	21"	RCP	0.5%			CITY			
02-MAH-983	N21	S SIDE SHELLEY AVE E OF ACADEMY	4' I.D.					CITY			
02-PIP-984	N21	S SIDE SHELLEY AVE E OF ACADEMY	21"	RCP				CITY			
02-PIP-985	N21	S SIDE SHELLEY AVE W SIDE RUSKIN DR	8"	PERF PVC				CITY			
02-PIP-986	N21	S SIDE SHELLEY AVE W SIDE RUSKIN DR	8"	DIP	1.0%			CITY			
02-INL-987	M22	N SIDE FOUNTAIN BLVD E OF CIRCLE DR		DROP				CITY			
02-PIP-988	M22	N SIDE FOUNTAIN BLVD E OF CIRCLE DR	24"	CMP				CITY			
02-INL-989	L22	N SIDE FOUNTAIN BLVD E OF CIRCLE DR		DROP				CITY			
02-PIP-990	L22	N SIDE FOUNTAIN BLVD E OF CIRCLE DR	18"	CMP				CITY			
02-INL-991	M22	E SIDE CHELTON RD C.R. N SIDE VALLEY HI AVE	4'	CB				CITY			
02-PIP-992	M22	E SIDE CHELTON RD C.R. N SIDE VALLEY HI AVE	18"	RCP				CITY			

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STRUCTURE NUMBER	MAP #	LOCATION/ DESCRIPTION	SIZE	TYPE	SLOPE LENGTH	MAINTENANCE RESPONSIBILITY	OUTLET PIPE CHARACT.	SPILLWAY CHARACT.	CONDITION	REMARKS
02-PIP- 993	L24	N OF MONTEREY RD. W OF CIRCLE DR.	36"	RCP			CITY			
02-MAN- 994	L24	N OF MONTEREY RD W OF CIRCLE DR	5' I.D.				CITY			
02-PIP- 995	L24	N OF MONTEREY RD W OF CIRCLE DR	36"	RCP			CITY			
02-MAN- 996	L24	N OF MONTEREY RD W OF CIRCLE DR	5' I.D.				CITY			
02-PIP- 997	L24	N OF MONTEREY RD W OF CIRCLE DR	36"	RCP			CITY			
02-INL- 998	L24	S SIDE OF MONTEREY RD. W OF CIRCLE DR.	16'	R			CITY			
02-PIP- 999	L24	MONTEREY RD. W OF CIRCLE DR.	24"	RCP			CITY			
02-INL- 1000	L24	S SIDE OF MONTEREY RD. W OF CIRCLE DR.	8' D-10-R				CITY			

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STRUCTURE NUMBER	MAP #	LOCATION/ DESCRIPTION	SIZE	TYPE	SLOPE	LENGTH	MAINTENANCE RESPONSIBILITY	OUTLET PIPE CHARACT.	SPILLWAY CHARACT.	CONDITION	REMARKS
02-INL-1001	L24	S SIDE MONTEREY RD, W OF CIRCLE DRIVE	18"	RCP	0.59%	101'		CITY			
02-PIP-1002	L24	S SIDE MONTEREY RD, W OF CIRCLE DRIVE	6'	D-10-R				CITY			
02-INL-1003	020	S OF PLATTE AVE, W OF MURRAY RD	7'X 4'	CBC				CITY			
02-CHA-1004	L21	K-MART PARK. LOT, W OF CIRCLE DRIVE	24"	GRATE				CITY			
02-PIP-1005	L24	W OF CIRCLE NEAR RUSHMORE	24"	RCP				CITY			
02-PIP-1006	L24	W OF CIRCLE NEAR RUSHMORE	24"	RCP				CITY			
02-INL-1007	L21	N OF AIRPORT RD ON CIRCLE DRIVE	24"	CURB				CITY			
02-PIP-1008	L21	N OF AIRPORT RD ON CIRCLE DRIVE	12"					CITY			
02-PIP-1009	N21	S SIDE SHELLEY AVE, W OF RUSKIN DR	24"	RCP				CITY			
02-INL-1010	L24	W SIDE OF CIRCLE DR, N OF MONTEREY		TYPE C				CITY			
02-PIP-1011	L24	W SIDE OF CIRCLE DR, N OF MONTEREY	24"	RCP	2.50%	280'		CITY			
02-INL-1012	L24	W SIDE OF CIRCLE DR, N OF MONTEREY	10'	D-10-R				CITY			
02-PIP-1013	L24	W SIDE OF CIRCLE DR, N OF MONTEREY	18"	RCP	2.12%	23'		PRIVATE			
02-PIP-1014	L24	W SIDE OF CIRCLE DR, N OF MONTEREY	24"	RCP	2.00%	257'		PRIVATE			
02-PIP-1015	N22	N OF FOUNTAIN, E OF CIRCLE DRIVE	36"	CHP	0.50%			CITY			
02-PIP-1016	N22	N OF FOUNTAIN, E OF CIRCLE DRIVE	48"	CHP	0.50%			CITY			
02-INL-1017	N22	N SIDE WENTWORTH, E SIDE ACADEMY	4'	D-10-R				CITY			
02-PIP-1018	N22	N SIDE WENTWORTH, E SIDE ACADEMY	18"	RCP				CITY			
02-PIP-1019	N22	N SIDE WENTWORTH, E SIDE ACADEMY	2'X 4'	DROP				CITY			
02-INL-1020	N22	N SIDE WENTWORTH, E SIDE ACADEMY	18"	RCP				CITY			
02-PIP-1021	N22	N SIDE WENTWORTH, E SIDE ACADEMY	2'X 5'	DROP				CITY			
02-INL-1022	N22	N SIDE WENTWORTH, E SIDE ACADEMY	18"	RCP				CITY			
02-PIP-1022	N22	S OF VERNON CT, W OF CHELTON ROAD	2'X 6'	SUMP				CITY			
02-INL-1023	N22	S OF VERNON CT, W OF CHELTON ROAD	24"	CSP				CITY			
02-PIP-1024	N22	S OF VERNON CT, W OF CHELTON ROAD	24"	CSP				CITY			
02-CBC-1025	020	N OF BIJOU ST, W OF MURRAY	7'X 5'	CBC	3.0%	36'		CITY			

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STRUCTURE NUMBER	MAP #	LOCATION/ DESCRIPTION	SIZE	TYPE	SLOPE	LENGTH	MAINTENANCE RESPONSIBILITY	OUTLET PIPE CHARACT.	SPILLWAY CHARACT.	CONDITION	REMARKS
02-PIP-1	K21	200' NE OF PROSPECT LAKE	18"	RCP	4.08	100'		CITY			
02-PIP-2	K21	OUTFALL INTO PROSPECT LAKE	18"	RCP	2.00	100'		CITY			
02-INL-3	K22	N. SIDE FOUNTAIN BLVD.	6'-6"	D-10R				CITY			
02-PIP-4	K22	#3 TO 5 INL. PIPE	21"	RCP	1.00	110'		CITY			
02-INL-5	K22	S. SIDE FOUNTAIN BLVD.	6'-6"	D-10R				CITY			
02-PIP-6	K22	FROM INL. 5 TO DITCH	36"	RCP	1.00	20'+/-		CITY			
02-INL-13	L21	E. SIDE PRINTERS PKWY.	8'	D-10R				CITY			
02-PIP-14	L21	W. SIDE PRINTERS PKWY.	30"	RCP	2.83	127'		CITY			
02-INL-15	L21	W. SIDE PRINTERS PKWY.	4'	D-10R				CITY			
02-PIP-16	L21	FROM 15 TO 14	18"	RCP	14.4	18'		CITY			
02-PIP-17	L21	TO JUNC. BOX 18	18"	RCP	20.3	14'		CITY			
02-CBC-18	L21	W. SIDE PRINTERS PKWY.	6' X 6'					CITY			
02-PIP-19	L21	TO JCT. BOX 18	36"	RCP	2.28	121'		CITY			
02-PIP-20	L21	TO JCT. BOX 18	36"	RCP	3.00	50'		PRIVATE			
02-PIP-21	L21	FROM JCT. BOX 18 SOUTH	42"	RCP	1.44	381'		CITY			
02-INL-22	L21	PARKSIDE & PRINTERS PKWY.	8'	D-10R				CITY			
02-PIP-23	L21	FROM 22 TO 24	18"	RCP	12.5	23'		CITY			
02-PIP-24	L21	CONT. FROM 21	48"	RCP		463'		CITY			
02-CBC-25	L21	INTERNATIONAL CIRCLE & PRINTERS PKWY.	10' X 7'	JCT. BOX				CITY			
02-MH-26	L21	PARKSIDE & PRINTERS PKWY.	5'					CITY			
02-PIP-27	L21	FROM MH 26 EAST	24"	RCP	1.82	165'		CITY			
02-PIP-28	L21	FROM INL. 561 TO INL. 562	24"	RCP	1.00	100'		CITY			
02-INL-29	L21	INTERNATIONAL CIRCLE & PRINTERS PKWY.	6'	D-10R				CITY			
02-PIP-30	L21	29 TO 25	18"	RCP	1.33	22'		CITY			
02-PIP-31	L21	25 TO 32	60"	RCP	0.49	77'		CITY			
02-INL-32	L21	INTERNATIONAL CIRCLE & PRINTERS PKWY.	8'	D-10R				CITY			
02-PIP-33	L21	32 TO 34	18"	RCP	3.06	64'		CITY			
02-INL-34	L21	INTERNATIONAL CIRCLE & PRINTERS PKWY.	8'	D-10R				CITY			
02-PIP-35	L21	FROM 32	60"	RCP	2.52	26'		PRIVATE			
02-PIP-36	L21	FROM PIP 35 S. SIDE INTERNATIONAL CIR.	48"	RCP	REMRKS	REMRKS		CITY			0.158(870')2.16/1,148 TO MH 562
02-PIP-37	L21	FROM 25 SOUTH ON PRINTERS PKWY.	30"	RCP	2.20	263'		PRIVATE			
02-INL-38	L21	E. SIDE INTERNATIONAL CIR.	6'	D-10R				CITY			
02-PIP-39	L21	E. SIDE INTERNATIONAL CIR.	27"	RCP	1.60	419'		CITY			
02-INL-40	L21	E. SIDE INTERNATIONAL CIR.	8'	D-10R				CITY			
02-INL-41	L21	E. SIDE INTERNATIONAL CIR.	6'	D-10R				PRIVATE			
02-PIP-42	L21	E. SIDE INTERNATIONAL CIR.	24"	RCP	4.5	224'		CITY			
02-PIP-43	L21	E. SIDE INTERNATIONAL CIR.	8'	D-10R				CITY			
02-INL-44	L21	E. SIDE INTERNATIONAL CIR.	6'	D-10R				PRIVATE			
02-INL-45	L21	GOMER AVE. & BASSETT DR.	8'	D-10R				CITY			
02-PIP-46	L21	GOMER AVE. & BASSETT DR.	18"	CS	1.6	15'		CITY			
02-INL-47	L21	GOMER AVE. & BASSETT DR.	12'	D-10R				CITY			

Spring Creek DBPS
March 22, 1993

APPENDIX B

**HEC-1 OUTPUT
100 ACRE SUB-BASINS**

**HEC-1 OUTPUT
LARGER SUB-BASINS**

HEC-2 OUTPUT

UNDERGROUND SYSTEM ANALYSIS

**HEC-1 OUTPUT
100 ACRE SUB-BASINS**

DESIGN FOR:

**10 YEAR 24 HOUR STORM
TYPE IIA RAINFALL DISTRIBUTION
FULL DEVELOPMENT CONDITIONS
DETENTION PONDS @ WAGNER PARK
RED WING SANCTUARY
VALLEY HI LAKE
UNION BLVD.**

1

 FLOOD HYDROGRAPH PACKAGE HEC-1 (IBM XT 512K VERSION) -FEB 1,1985
 U.S. ARMY CORPS OF ENGINEERS, THE HYDROLOGIC ENGINEERING CENTER, 609 SECOND STREET, DAVIS, CA. 95616

THIS HEC-1 VERSION CONTAINS ALL OPTIONS EXCEPT ECONOMICS, AND THE NUMBER OF PLANS ARE REDUCED TO 3

1

HEC-1 INPUT

LINE	ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10
1	ID SPRING CREEK DBPS URS PROJECT NO. 40218
2	ID FINAL HYDROLOGY FOR THE BASIN - INPUT FILE S410.INP
3	ID USING THE 10-YEAR 24-HOUR STORM IN THE CITY/COUNTY CRITERIA *
4	ID FOR TRIBUTARY FLOWS BELOW 100 AC SUBBASINS .
5	ID RUN DATE 03-26-1993
	*DIAGRAM
6	IT 5 01JUL90 800 300
7	IO 5
8	KK A1
9	KM RUNOFF FROM BASIN A1
10	BA .138
11	LS 0 81.9
12	UD 0.14
13	IN 15
14	PB 0
15	PC 0.000 0.002 0.005 0.009 0.014 0.018 0.024 0.030 0.036 0.043
16	PC 0.050 0.056 0.063 0.070 0.077 0.083 0.096 0.117 0.138 0.159
17	PC 0.180 0.225 0.300 1.200 2.100 2.175 2.250 2.295 2.340 2.370
18	PC 2.400 2.430 2.460 2.475 2.490 2.505 2.520 2.535 2.550 2.565
19	PC 2.580 2.591 2.603 2.614 2.625 2.636 2.648 2.659 2.670 2.681
20	PC 2.693 2.704 2.715 2.725 2.734 2.744 2.754 2.763 2.772 2.781
21	PC 2.790 2.798 2.805 2.812 2.820 2.828 2.835 2.843 2.850 2.858
22	PC 2.865 2.872 2.880 2.888 2.895 2.903 2.910 2.918 2.925 2.932
23	PC 2.940 2.944 2.948 2.951 2.955 2.959 2.963 2.966 2.970 2.974
24	PC 2.978 2.981 2.985 2.989 2.992 2.996 3.000
25	KK A1-1
26	KM ROUTE FROM A1 TO DES PT 1
27	RK 1200 .005 .013 CIRC 3.5
28	KK A2
29	KM RUNOFF FROM BASIN A2
30	BA .127
31	LS 0 88.0
32	UD 0.14

URS CONSULTANTS, INC.
DENVER OPERATIONS

MEMORANDUM

TO: [REDACTED]
FROM: Bill Ettenger *BE*
DATE: February 7, 1996
SUBJECT: Accounts Receivable (A/Rs)

Due to the rising DSOs in the Colorado Springs office, I need to receive a current, annotated A/R listing every two weeks (similar to the month-end listing) from you. Also, advise me of the A/R procedures in your office to facilitate A/R collection.

The first report will be due 2/19/96.

WE/kas
cc: T. Volz
R. Hilton

*Tim
Kandy
Please complete by
~~Friday~~ 2/19/96
today 2/19/96
MR
Fax to Denver office*

33 KK 1
 34 KM COMBINE A1-1,A2 - GALLEY ROAD
 35 HC 2

 36 KK 1-3
 37 KM ROUTE FROM DES PT 1 TO DES PT 3
 38 RK 3800 0.015 .013 CIRC 6

 39 KK B1
 40 KM RUNOFF FROM BASIN B1
 41 BA .186
 42 LS 0 84.4
 43 UD 0.17

HEC-1 INPUT

PAGE 2

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

44 KK B2
 45 KM RUNOFF FROM BASIN B2
 46 BA 0.192
 47 LS 0 83.2
 48 UD 0.25

 49 KK 2A
 50 KM COMBINE B1,B2
 51 HC 2

 52 KK 2A-2
 53 KM ROUTE FROM DES PT 2A TO DES PT 2
 54 RK 1200 0.015 0.035 0 TRAP 13 2

 55 KK B3
 56 KM RUNOFF FROM BASIN B3
 57 BA 0.101
 58 LS 0 80.4
 59 UD 0.21

 60 KK B5
 61 KM RUNOFF FROM BASIN B5
 62 BA 0.043
 63 LS 0 80.0
 64 UD 0.18

 65 KK 2
 66 KM COMBINE 2A-2,B3,B5 - CHELTON ROAD AT CITADEL MALL
 67 HC 3

 68 KK 2-3
 69 KM ROUTE FROM DES PT 2 TO DES PT 3
 70 RK 1500 .011 0.013 CIRC 8

 71 KK C1
 72 KM RUNOFF FROM BASIN C1
 73 BA 0.180
 74 LS 0 88.9

75 UD 0.29
 76 KK C1-3
 77 KM ROUTE FROM C1 TO DES PT 3
 78 RK 4250 0.020 0.013 CIRC 6
 79 KK C2
 80 KM RUNOFF FROM BASIN C2
 81 BA 0.244
 82 LS 0 91.5
 83 UD 0.17

HEC-1 INPUT

PAGE 3

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

84 KK B4
 85 KM RUNOFF FROM BASIN B4
 86 BA 0.117
 87 LS 0 87.4
 88 UD 0.14
 89 KK 3
 90 KM COMBINE 2-3,C1-3,C2,B4,1-3 - PLATTE AVE
 91 HC 5
 92 KK 3-4
 93 KM ROUTE FROM DES PT 3 TO DES PT 4
 94 RK 1500 0.015 0.015 0 TRAP 12 1.5
 95 KK D1
 96 KM RUNOFF FROM BASIN D1
 97 BA 0.140
 98 LS 0 90.7
 99 UD 0.21
 100 KK D2
 101 KM RUNOFF FROM BASIN D2
 102 BA 0.093
 103 LS 0 91.9
 104 UD 0.13
 105 KK 4
 106 KM COMBINE 3-4,D1,D2 - BIJOU STREET
 107 HC 3
 108 KK 4-5
 109 KM ROUTE FROM DES PT 4 TO DES PT 5
 110 RK 1500 0.015 0.035 0 TRAP 35 1.5
 111 KK E1
 112 KM RUNOFF FROM BASIN E1
 113 BA 0.079
 114 LS 0 87.5
 115 UD 0.13

116 KK F6
 117 KM RUNOFF FROM BASIN F6
 118 BA 0.071
 119 LS 0 78.2
 120 UD 0.14

121 KK 5
 122 KM COMBINE 4-5,E1,F6 - PIKES PEAK AVE
 123 HC 3

HEC-1 INPUT

PAGE 4

1

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

124 KK 5DET
 125 KO 1 2 300 7 21
 126 KM DETENTION STORAGE AT WAGNER PARK USING DOUBLE 12x6 CBC
 127 SV 0 .56 1.94 4.08 9.02 16.88 25.46 34.66
 128 SQ 72 432 840 1248 1512 1752 1968 2160
 129 SE 6016 6018 6020 6022 6024 6026 6028 6030
 130 RS 1 ELEV 6016

131 KK 5-6
 132 KM ROUTE FROM DES PT 5 TO DES PT 6
 133 RK 1700 0.015 0.035 0 TRAP 40 1.5

134 KK F1
 135 KM RUNOFF FROM BASIN F1
 136 BA 0.120
 137 LS 0 87.8
 138 UD 0.23

139 KK F7
 140 KM RUNOFF FROM BASIN F7
 141 BA 0.140
 142 LS 0 83.7
 143 UD 0.33

144 KK 6C
 145 KM COMBINE F1,F7 - PLATTE AVE AT MURRAY
 146 HC 2

147 KK 6C-6B
 148 KM ROUTE FROM 6C TO DES PT 6B
 149 RK 1100 0.015 0.035 0 TRAP 35 1.5

150 KK F2
 151 KM RUNOFF FROM BASIN F2
 152 BA 0.233
 153 LS 0 89.3
 154 UD 0.20

155 KK 6B
 156 KM COMBINE 6C-6B,F2
 157 HC 2

158 KK 6B-6A
 159 KM ROUTE FROM DES PT 6B TO DES PT 6A
 160 RK 2400 0.015 0.015 0 TRAP 12 1.5

161 KK F4
 162 KM RUNOFF FROM BASIN F4
 163 BA 0.047
 164 LS 0 90.2
 165 UD 0.17

HEC-1 INPUT

PAGE 5

1
 LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

166 KK F3
 167 KM RUNOFF FROM BASIN F3
 168 BA 0.190
 169 LS 0 85.5
 170 UD 0.23

171 KK 6A
 172 KM COMBINE 6B-6A,F4,F3
 173 HC 3

174 KK F8
 175 KM RUNOFF FROM BASIN F8
 176 BA 0.051
 177 LS 0 81.6
 178 UD 0.10

179 KK 6
 180 KM COMBINE 5-6,6A,F6 -CONFLUENCE WITH EAST FORK OF SPRING CREEK
 181 HC 3

182 KK 6DET
 183 KO 1 2 300 7 21
 184 KM DETENTION STORAGE AT REDWING SANCTUARY W/2-24" RCP & 35' WEIR AT 5989
 185 SV 0 0.3 1.3 3.9 8.4 14.2 21.0 29.5 41.1
 186 SQ 0 30 170 630 1270 2050 2950 3960 5050
 187 SE 5986 5988 5990 5992 5994 5996 5998 6000 6002
 188 RS 1 ELEV 5986

189 KK 6-7
 190 KM ROUTE FROM DES PT 6 TO DES PT 7
 191 RK 1400 0.007 0.015 0 TRAP 45 1.5

192 KK F5
 193 KM RUNOFF FROM BASIN F5
 194 BA 0.305
 195 LS 0 85.6
 196 UD 0.24

197 KK G1
 198 KM RUNOFF FROM BASIN G1
 199 BA 0.125
 200 LS 0 86.9

201 UD 0.15
 202 KK G2
 203 KM RUNOFF FROM BASIN G2
 204 BA 0.198
 205 LS 0 84.1
 206 UD 0.25

HEC-1 INPUT

PAGE 6

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

207 KK G3
 208 KM RUNOFF FROM BASIN G3
 209 BA 0.064
 210 LS 0 91.4
 211 UD 0.18

212 KK 7
 213 KM COMBINE 6-7,G1,G2,G3,F5 - AIRPORT ROAD
 214 HC 5

215 KK 7-8
 216 KM ROUTE FROM DES PT 7 TO DES PT 8
 217 RK 2000 0.005 0.035 0 TRAP 45 1.5

218 KK H1
 219 KM RUNOFF FROM BASIN H1
 220 BA 0.217
 221 LS 0 91.9
 222 UD 0.19

223 KK 8
 224 KM COMBINE 7-8,H1 - 1/2 WAY BETWEEN AIRPORT RD AND CHELTON DR
 225 HC 2

226 KK 8-9
 227 KM ROUTE FROM DES PT 8 TO DES PT 9
 228 RK 1400 0.005 0.015 0 TRAP 40 1.5

229 KK I2
 230 KM RUNOFF FROM BASIN I2
 231 BA 0.071
 232 LS 0 87.9
 233 UD 0.15

234 KK 9UPP
 235 KM COMBINE 8-9,I2 UPSTREAM OF CHELTON ROAD
 236 HC 2

237 KK I3
 238 KM RUNOFF FROM BASIN I3
 239 BA 0.187
 240 LS 0 88.2
 241 UD 0.21

242 KK 9LOW
 243 KM COMBINE 9UPP,13 DOWNSTREAM OF CHELTON ROAD
 244 HC 2

245 KK 9-10
 246 KM ROUTE FROM DES PT 9 TO DES PT 10
 247 RK 1600 0.007 0.035 0 TRAP 45 1.5
 HEC-1 INPUT

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

248 KK I1
 249 KM RUNOFF FROM BASIN I1
 250 BA 0.116
 251 LS 0 78.8
 252 UD 0.14

253 KK I1-10A
 254 KM ROUTE FROM I1 TO DES PT 10A
 255 RK 1000 0.005 0.035 0 TRAP 25 1.5

256 KK J1
 257 KM RUNOFF FROM BASIN J1
 258 BA 0.254
 259 LS 0 81.7
 260 UD 0.25

261 KK J1-10A
 262 KM ROUTE FROM J1 TO DES PT 10A
 263 RK 3200 0.005 0.015 0 TRAP 25 1.5

264 KK J2
 265 KM RUNOFF FROM BASIN J2
 266 BA 0.163
 267 LS 0 76.9
 268 UD 0.20

269 KK 10A
 270 KM COMBINE J1-10A,J2,I1-10A
 271 HC 3

272 KK K1
 273 KM RUNOFF FROM BASIN K1
 274 BA 0.240
 275 LS 0 89.0
 276 UD 0.24

277 KK K2
 278 KM RUNOFF FROM BASIN K2
 279 BA 0.272
 280 LS 0 81.7
 281 UD 0.23

282 KK 10B
 283 KM COMBINE K1,K2

284

HC 2

285

KK 10B10C ROUTE FROM DES PT 10B TO DES PT10C

286

KM 2300 0.015 0.035 0 TRAP 80 2

287

RK HEC-1 INPUT

1

LINE

ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

288

KK K3 RUNOFF FROM BASIN K3

289

KM 0.123

290

BA 0 72.7

291

LS 0

292

UD 0.30

293

KK 10C COMBINE 10B-10C,K3

294

KM 2

295

HC

296

KK J3 RUNOFF FROM BASIN J3

297

KM 0.084

298

BA 0 89.9

299

LS 0

300

UD 0.22

301

KK 10 COMBINE 9-10,10A,10C,J3 - VALLEY HI LAKE

302

KM 4

303

HC

304

KK 10DET DETENTION STORAGE AT VALLEY HIGH LAKE - LEAVE SPILLWAY @CURRENT EL

305

KM 0 9.2 38.1 78.4 127.6 184.1 246.2 314.1 387.5

306

SV 0 600 3100 5700 13577 26671 43488 63141 85505

307

SQ 0 5945 5946 5948 5950 5952 5954 5956 5958 5960

308

SE 1 ELEV 5945

309

RS

310

KK 10-11 ROUTE FROM DES PT 10 TO DES PT 11

311

KM 900 0.008 0.015 TRAP 22 1.5

312

RK

313

KK K5 RUNOFF FROM BASIN K5

314

KM 0.067

315

BA 0 90.7

316

LS 0

317

UD 0.18

318

KK 11 COMBINE 10-11,K5 - FOUNTAIN BLVD

319

KM 2

320

HC

321

KK 11-12 ROUTE FROM DES PT 11 TO DES PT 12

322

KM 1000 0.0130 0.015 0 TRAP 25 1.5

323

RK

324

KK L1

325 KM RUNOFF FROM BASIN L1
 326 BA 0.140
 327 LS 0 86.7
 328 UD 0.14

HEC-1 INPUT

1

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

329 KK L1-12A
 330 KM ROUTE FROM L1 TO DES PT 12A
 331 RK 1000 0.020 0.013 CIRC 4.5

332 KK L2
 333 KM RUNOFF FROM BASIN L2
 334 BA 0.223
 335 LS 0 85.7
 336 UD 0.18

337 KK L2-12A
 338 KM ROUTE FROM L2 TO DES PT 12A
 339 RK 850 0.020 0.013 CIRC 5.0

340 KK 12A
 341 KM COMBINE L1-12A,L2-12A
 342 HC 2

343 KK L3
 344 KM RUNOFF FROM BASIN L3
 345 BA 0.060
 346 LS 0 89.3
 347 UD 0.19

348 KK L4
 349 KM RUNOFF FROM BASIN L4
 350 BA 0.124
 351 LS 0 83.1
 352 UD 0.18

353 KK K4
 354 KM RUNOFF FROM BASIN K4
 355 BA 0.127
 356 LS 0 73.6
 357 UD 0.21

358 KK 12
 359 KM COMBINE 11-12,12A,L3,L4,K4
 360 HC 5

361 KK 12-13
 362 KM ROUTE FROM DES PT 12 TO DES PT 13
 363 RK 2200 0.015 0.035 0 TRAP 25 1.5

364 KK M4
 365 KM RUNOFF FROM BASIN M4
 366 BA 0.157

1

367 LS 0 83.2
 368 UD 0.16

HEC-1 INPUT

LINE	ID	1	2	3	4	5	6	7	8	9	10
369	KK	M4-13A									
370	KM	ROUTE FROM M4 TO DES PT 13A									
371	RK	2300	0.015	0.035	0	TRAP	1	1.5			
372	KK	M3									
373	KM	RUNOFF FROM BASIN M3									
374	BA	0.197									
375	LS	0	84.3								
376	UD	0.22									
377	KK	13A									
378	KM	COMBINE M4-13A,M3									
379	HC	2									
380	KK	M5									
381	KM	RUNOFF FROM BASIN M5									
382	BA	0.075									
383	LS	0	92.0								
384	UD	0.21									
385	KK	13									
386	KM	COMBINE 12-13,13A,M5 - 1/2 BETWEEN CIRCLE DR AND UNION BLVD									
387	HC	3									
388	KK	13-14									
389	KM	ROUTE FROM DES PT 13 TO DES PT 14									
390	RK	1800	0.015	0.035	0	TRAP	25	1.5			
391	KK	N1									
392	KM	RUNOFF FROM BASIN N1									
393	BA	0.153									
394	LS	0	93.3								
395	UD	0.17									
396	KK	N2									
397	KM	RUNOFF FROM BASIN N2									
398	BA	0.072									
399	LS	0	92.1								
400	UD	0.13									
401	KK	14UPP									
402	KM	COMBINE 13-14,N1,N2 - UPSTREAM SIDE OF UNION BLVD									
403	HC	3									
404	KK	14DET									
405	KO	1	2	300	7	21					
406	KM	DETENTION STORAGE AT UNION BLVD. - PROVIDED BY US 24 BYPASS									
407	SV	0	0.2	2.3	8.3	16.1	29.4	44.0	60.2	77.3	95.6
408	SV	114.9	134.1	156.2	178.3						

409	SQ	0	234	634	1170	1768	2236	2990	3536	4030	4420
410	SQ	4810	5200	5590	5980						
411	RS	1	ELEV	5878							

HEC-1 INPUT

PAGE 11

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

412	KK	M2									
413	KM		RUNOFF FROM BASIN M2								
414	BA	0.115									
415	LS	0	86.4								
416	UD	0.17									
417	KK	M2-14A									
418	KM		ROUTE FROM M2 TO DES PT 14A								
419	RK	2000	0.030	0.035	0	TRAP	20	1.5			
420	KK	N4									
421	KM		RUNOFF FROM BASIN N4								
422	BA	0.105									
423	LS	0	69.4								
424	UD	0.24									
425	KK	14A									
426	KM		COMBINE M2-14A,N4								
427	HC	2									
428	KK	N3									
429	KM		RUNOFF FROM BASIN N3								
430	BA	0.033									
431	LS	0	93.6								
432	UD	0.15									
433	KK	14LOW									
434	KM		COMBINE 14DET,14A,N3			- DOWNSTREAM SIDE OF UNION BLVD					
435	HC	3									
436	KK	14-15									
437	KM		ROUTE FROM DES PT 14 TO DES PT 15								
438	RK	1900	0.010	0.035	0	TRAP	35	1.5			
439	KK	01									
440	KM		RUNOFF FROM BASIN 01								
441	BA	0.095									
442	LS	0	93.2								
443	UD	0.14									
444	KK	02									
445	KM		RUNOFF FROM BASIN 02								
446	BA	0.148									
447	LS	0	77.4								
448	UD	0.18									
449	KK	15									
450	KM		COMBINE 14-15,01,02			- HANCOCK EXPRESSWAY					

1

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

452 KK 15-16
 453 KM ROUTE FROM DES PT 15 TO DES PT 16
 454 RK 2600 0.010 0.035 0 TRAP 40 1.5

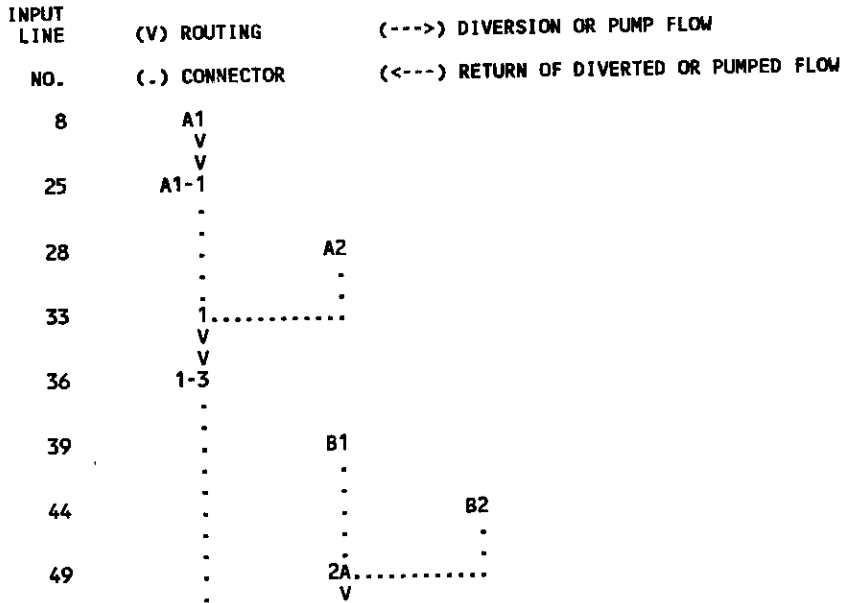
455 KK P1
 456 KM RUNOFF FROM BASIN P1
 457 BA 0.031
 458 LS 0 88.5
 459 UD 0.12

460 KK P2
 461 KM RUNOFF FROM BASIN P2
 462 BA 0.203
 463 LS 0 85.9
 464 UD 0.21

465 KK 16
 466 KM COMBINE 15-16,P1,P2 - CONFLUENCE WITH FOUNTAIN CREEK
 467 HC 3
 468 ZZ

1

SCHEMATIC DIAGRAM OF STREAM NETWORK



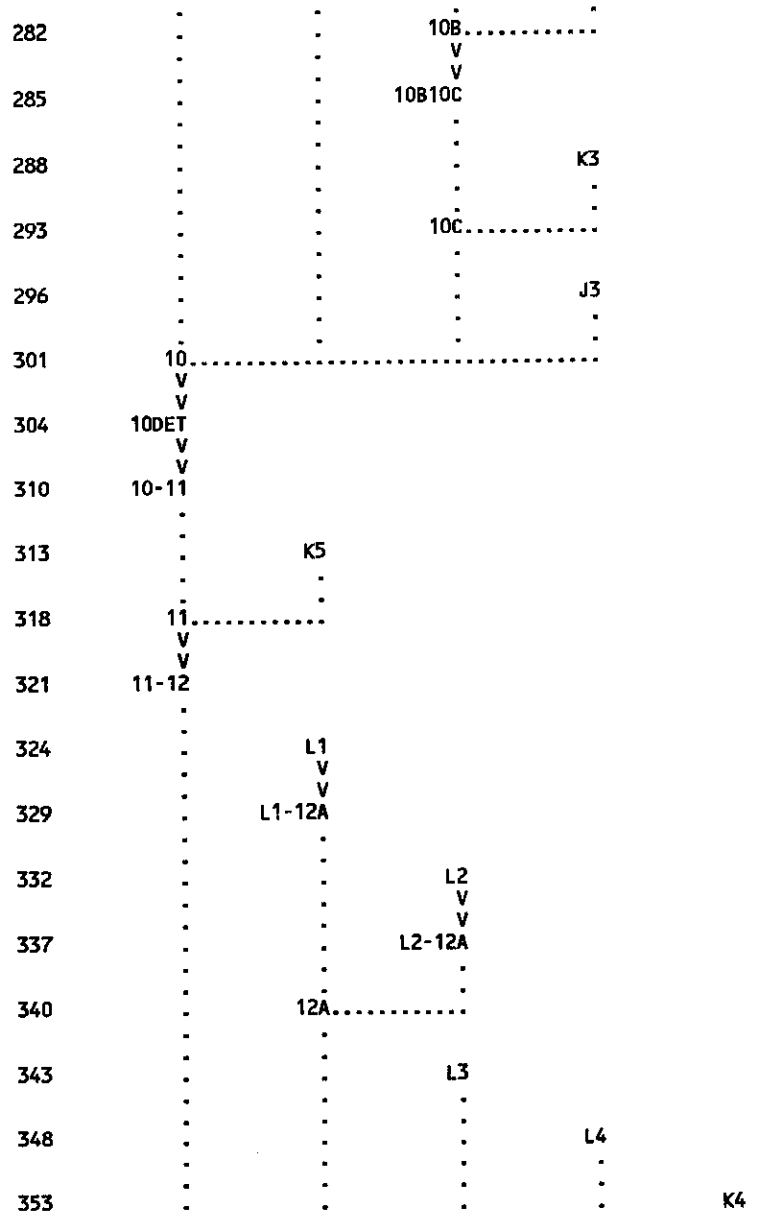
52 . V
2A-2 .
55 . B3 .
60 . B5 .
65 . 2 .
68 . V
2-3 .
71 . C1 .
76 . V
C1-3 .
79 . C2 .
84 . B4 .
89 . 3 .
92 . V
3-4 .
95 . D1 .
100 . D2 .
105 . 4 .
108 . V
4-5 .
111 . E1 .
116 . F6 .
121 . 5 .
124 . V
SDET .

131	V V 5-6			
	.			
134	.	F1		
	.	.		
139	.	.	F7	
	.	.	.	
144	.	6C.....		
	.	V		
	.	V		
147	.	6C-6B		
	.	.		
150	.	.	F2	
	.	.	.	
155	.	6B.....		
	.	V		
	.	V		
158	.	6B-6A		
	.	.		
161	.	.	F4	
	.	.	.	
166	.	.	.	F3

171	.	6A.....		
	.	.		
174	.	.	F8	
	.	.	.	
179	.	6.....		
	.	V		
	.	V		
182	6DET			
	V			
	V			
189	6-7			
	.			
192	.	F5		
	.	.		
197	.	.	G1	
	.	.	.	
202	.	.	.	G2

207	.	.	.	.	G3
	:	:	:	:	:
212	7	.....		
	V				
	V				
215	7-8				
	:				
218	.	H1			
	:	:			
223	8	.....		
	V				
	V				
226	8-9				
	:				
229	.	I2			
	:	:			
234	9UPP	.....		
	:				
237	.	I3			
	:	:			
242	9LOW	.....		
	V				
	V				
245	9-10				
	:				
248	.	I1			
	:	V			
	:	V			
253	.	I1-10A			
	:	:			
256	.	.	J1		
	:	:	V		
	:	:	V		
261	.	.	J1-10A		
	:	:	:		
264	.	.	.	J2	
	:	:	:	:	
269	.	10A	.....	
	:	:			
272	.	.	K1		
	:	:	:		
277	.	.	.	K2	
	:	:	:	:	

100



358	12	.	.	.	.
	V	.	.	.	.
361	12-13	.	.	.	.
	V	.	.	.	.
364	.	M4	.	.	.
	.	V	.	.	.
369	.	M4-13A	.	.	.
	.	V	.	.	.
372	.	.	.	M3	.

377	.	13A	.	.	.

380	.	.	.	M5	.

385	13	.	.	.	.
	V	.	.	.	.
388	13-14	.	.	.	.
	V	.	.	.	.
391	.	N1	.	.	.

396	.	.	.	N2	.

401	14UPP	.	.	.	.
	V	.	.	.	.
404	14DET	.	.	.	.
	V	.	.	.	.
412	.	M2	.	.	.
	.	V	.	.	.
417	.	M2-14A	.	.	.
	.	V	.	.	.
420	.	.	.	N4	.

425	.	14A	.	.	.

428	.	.	.	N3	.


```

433 14LOW.....
      V
      V
436 14-15
      .
439      .      01
      .
444      .      .      02
      .
449 15.....
      V
      V
452 15-16
      .
455      .      P1
      .
460      .      .      P2
      .
465 16.....

```

(***) RUNOFF ALSO COMPUTED AT THIS LOCATION

FLOOD HYDROGRAPH PACKAGE HEC-1 (IBM XT 512K VERSION) -FEB 1,1985
 U.S. ARMY CORPS OF ENGINEERS, THE HYDROLOGIC ENGINEERING CENTER, 609 SECOND STREET, DAVIS, CA. 95616

SPRING CREEK DBPS URS PROJECT NO. 40218
 FINAL HYDROLOGY FOR THE BASIN - INPUT FILE S410.INP
 USING THE 10-YEAR 24-HOUR STORM IN THE CITY/COUNTY CRITERIA
 FOR TRIBUTARY FLOWS BELOW 100 AC SUBBASINS
 RUN DATE 03-26-1993

7 IO

OUTPUT CONTROL VARIABLES

IPRNT 5 PRINT CONTROL
 IPLOT 0 PLOT CONTROL
 QSCAL 0. HYDROGRAPH PLOT SCALE

IT

HYDROGRAPH TIME DATA

NMIN 5 MINUTES IN COMPUTATION INTERVAL
 IDATE 1JUL90 STARTING DATE
 ITIME 0800 STARTING TIME
 NQ 300 NUMBER OF HYDROGRAPH ORDINATES
 NDDATE 2JUL90 ENDING DATE
 NDTIME 0855 ENDING TIME

COMPUTATION INTERVAL .08 HOURS
 TOTAL TIME BASE 24.92 HOURS

ENGLISH UNITS

WARNING *** TIME INTERVAL IS GREATER THAN .29*LAG
 WARNING *** TIME INTERVAL IS GREATER THAN .29*LAG
 WARNING *** TIME INTERVAL IS GREATER THAN .29*LAG
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 WARNING *** TIME INTERVAL IS GREATER THAN .29*LAG
 WARNING *** TIME INTERVAL IS GREATER THAN .29*LAG
 WARNING *** TIME INTERVAL IS GREATER THAN .29*LAG

1

RUNOFF SUMMARY
 FLOW IN CUBIC FEET PER SECOND
 TIME IN HOURS, AREA IN SQUARE MILES

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD			BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
					6-HOUR	24-HOUR	72-HOUR			
+	HYDROGRAPH AT	A1	157.	6.00	16.	5.	5.	.14		
+	ROUTED TO	A1-1	155.	6.08	16.	5.	5.	.14		
+	HYDROGRAPH AT	A2	197.	6.00	21.	6.	6.	.13		
+	2 COMBINED AT	1	344.	6.00	37.	11.	11.	.26		
+	ROUTED TO	1-3	342.	6.08	37.	11.	11.	.26		
+	HYDROGRAPH AT	B1	232.	6.08	25.	8.	7.	.19		
+	HYDROGRAPH AT	B2	190.	6.08	24.	8.	7.	.19		

+	2 COMBINED AT	2A	422.	6.08	49.	15.	15.	.38
+	ROUTED TO	2A-2	406.	6.08	49.	15.	15.	.38
+	HYDROGRAPH AT	B3	95.	6.08	11.	3.	3.	.10
+	HYDROGRAPH AT	B5	42.	6.08	5.	1.	1.	.04
+	3 COMBINED AT	2	543.	6.08	65.	20.	19.	.52
+	ROUTED TO	2-3	527.	6.08	65.	20.	19.	.52
+	HYDROGRAPH AT	C1	226.	6.17	30.	9.	9.	.18
+	ROUTED TO	C1-3	223.	6.17	30.	9.	9.	.18
+	HYDROGRAPH AT	C2	415.	6.00	47.	14.	13.	.24
+	HYDROGRAPH AT	B4	176.	6.00	18.	6.	5.	.12
+	5 COMBINED AT	3	1649.	6.08	197.	60.	58.	1.33
+	ROUTED TO	3-4	1626.	6.08	197.	60.	58.	1.33
+	HYDROGRAPH AT	D1	220.	6.08	26.	8.	7.	.14
+	HYDROGRAPH AT	D2	173.	6.00	18.	5.	5.	.09
+	3 COMBINED AT	4	2000.	6.08	240.	73.	71.	1.56
+	ROUTED TO	4-5	1951.	6.08	241.	74.	71.	1.56
+	HYDROGRAPH AT	E1	122.	6.00	12.	4.	4.	.08
+	HYDROGRAPH AT	F6	66.	6.08	7.	2.	2.	.07
	3 COMBINED AT							

+		G1	179.	6.00	19.	6.	6.	.13
+	HYDROGRAPH AT	G2	206.	6.08	26.	8.	8.	.20
+	HYDROGRAPH AT	G3	107.	6.08	12.	4.	3.	.06
+	5 COMBINED AT	7	2962.	6.17	479.	153.	148.	3.18
+	ROUTED TO	7-8	2935.	6.25	481.	153.	148.	3.18
+	HYDROGRAPH AT	H1	367.	6.08	42.	13.	12.	.22
+	2 COMBINED AT	8	3148.	6.17	523.	166.	160.	3.40
+	ROUTED TO	8-9	3138.	6.25	523.	166.	160.	3.40
+	HYDROGRAPH AT	I2	107.	6.00	11.	3.	3.	.07
+	2 COMBINED AT	9UPP	3180.	6.25	534.	170.	164.	3.47
+	HYDROGRAPH AT	I3	263.	6.08	30.	9.	9.	.19
+	2 COMBINED AT	9LOW	3387.	6.17	564.	179.	173.	3.66
+	ROUTED TO	9-10	3361.	6.25	565.	179.	173.	3.66
+	HYDROGRAPH AT	I1	111.	6.08	12.	4.	4.	.12
+	ROUTED TO	I1-10A	111.	6.08	12.	4.	4.	.12
+	HYDROGRAPH AT	J1	230.	6.17	30.	9.	9.	.25
+	ROUTED TO	J1-10A	230.	6.25	30.	9.	9.	.25
+	HYDROGRAPH AT	J2	127.	6.08	14.	5.	4.	.16
+	3 COMBINED AT	10A	444.	6.17	56.	18.	17.	.53

+		L3	91.	6.08	10.	3.	3.	.06
+	HYDROGRAPH AT	L4	143.	6.08	16.	5.	5.	.12
+	HYDROGRAPH AT	K4	76.	6.08	9.	3.	3.	.13
+	5 COMBINED AT	12	4116.	6.33	814.	257.	248.	5.65
+	ROUTED TO	12-13	4093.	6.33	815.	258.	248.	5.65
+	HYDROGRAPH AT	M4	186.	6.08	20.	6.	6.	.16
+	ROUTED TO	M4-13A	181.	6.08	20.	6.	6.	.16
+	HYDROGRAPH AT	M3	224.	6.08	26.	8.	8.	.20
+	2 COMBINED AT	13A	405.	6.08	46.	14.	14.	.35
+	HYDROGRAPH AT	M5	125.	6.08	15.	4.	4.	.08
+	3 COMBINED AT	13	4334.	6.33	876.	276.	266.	6.08
+	ROUTED TO	13-14	4328.	6.33	876.	276.	266.	6.08
+	HYDROGRAPH AT	N1	281.	6.00	32.	9.	9.	.15
+	HYDROGRAPH AT	N2	135.	6.00	14.	4.	4.	.07
+	3 COMBINED AT	14UPP	4433.	6.33	920.	290.	279.	6.31
+	ROUTED TO	14DET	3672.	6.58	920.	290.	279.	6.31
+	HYDROGRAPH AT	M2	157.	6.08	17.	5.	5.	.12
+	ROUTED TO	M2-14A	154.	6.08	17.	5.	5.	.12
+	HYDROGRAPH AT	N4	42.	6.17	6.	2.	2.	.10

+	2 COMBINED AT	14A	193.	6.08	23.	7.	7.	.22
	HYDROGRAPH AT							
+		N3	64.	6.00	7.	2.	2.	.03
	3 COMBINED AT							
+		14LOW	3716.	6.58	949.	299.	288.	6.56
	ROUTED TO							
+		14-15	3706.	6.67	950.	299.	288.	6.56
	HYDROGRAPH AT							
+		01	183.	6.00	20.	6.	6.	.09
	HYDROGRAPH AT							
+		02	125.	6.08	14.	4.	4.	.15
	3 COMBINED AT							
+		15	3738.	6.58	983.	309.	298.	6.80
	ROUTED TO							
+		15-16	3738.	6.67	983.	309.	298.	6.80
	HYDROGRAPH AT							
+		P1	51.	6.00	5.	2.	1.	.03
	HYDROGRAPH AT							
+		P2	256.	6.08	29.	9.	9.	.20
	3 COMBINED AT							
+		16	3779.	6.67	1017.	320.	308.	7.04

*** NORMAL END OF HEC-1 ***

**HEC-1 OUTPUT
100 ACRE SUB-BASINS**

DESIGN FOR:

**100 YEAR 24 HOUR STORM
TYPE IIA RAINFALL DISTRIBUTION
FULL DEVELOPMENT CONDITIONS
DETENTION PONDS @ WAGNER PARK
RED WING SANCTUARY
VALLEY HI LAKE
UNION BLVD.**

33 KK 1
 34 KM COMBINE A1-1,A2 - GALLEY ROAD
 35 HC 2

 36 KK 1-3
 37 KM ROUTE FROM DES PT 1 TO DES PT 3
 38 RK 3800 0.015 .013 CIRC 6

 39 KK B1
 40 KM RUNOFF FROM BASIN B1
 41 BA .186
 42 LS 0 84.4
 43 UD 0.17

HEC-1 INPUT

1

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

44 KK B2
 45 KM RUNOFF FROM BASIN B2
 46 BA 0.192
 47 LS 0 83.2
 48 UD 0.25

 49 KK 2A
 50 KM COMBINE B1,B2
 51 HC 2

 52 KK 2A-2
 53 KM ROUTE FROM DES PT 2A TO DES PT 2
 54 RK 1200 0.015 0.035 0 TRAP 13 2

 55 KK B3
 56 KM RUNOFF FROM BASIN B3
 57 BA 0.101
 58 LS 0 80.4
 59 UD 0.21

 60 KK B5
 61 KM RUNOFF FROM BASIN B5
 62 BA 0.043
 63 LS 0 80.0
 64 UD 0.18

 65 KK 2
 66 KM COMBINE 2A-2,B3,B5 - CHELTON ROAD AT CITADEL MALL
 67 HC 3

 68 KK 2-3
 69 KM ROUTE FROM DES PT 2 TO DES PT 3
 70 RK 1500 .011 0.013 CIRC 8

 71 KK C1
 72 KM RUNOFF FROM BASIN C1
 73 BA 0.180
 74 LS 0 88.9

75 UD 0.29
 76 KK C1-3
 77 KM ROUTE FROM C1 TO DES PT 3
 78 RK 4250 0.020 0.013 CIRC 6
 79 KK C2
 80 KM RUNOFF FROM BASIN C2
 81 BA 0.244
 82 LS 0 91.5
 83 UD 0.17

HEC-1 INPUT

PAGE 3

1
 LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

84 KK B4
 85 KM RUNOFF FROM BASIN B4
 86 BA 0.117
 87 LS 0 87.4
 88 UD 0.14
 89 KK 3
 90 KM COMBINE 2-3,C1-3,C2,B4,1-3 - PLATTE AVE
 91 HC 5
 92 KK 3-4
 93 KM ROUTE FROM DES PT 3 TO DES PT 4
 94 RK 1500 0.015 0.015 0 TRAP 12 1.5
 95 KK D1
 96 KM RUNOFF FROM BASIN D1
 97 BA 0.140
 98 LS 0 90.7
 99 UD 0.21
 100 KK D2
 101 KM RUNOFF FROM BASIN D2
 102 BA 0.093
 103 LS 0 91.9
 104 UD 0.13
 105 KK 4
 106 KM COMBINE 3-4,D1,D2 - BIJOU STREET
 107 HC 3
 108 KK 4-5
 109 KM ROUTE FROM DES PT 4 TO DES PT 5
 110 RK 1500 0.015 0.035 0 TRAP 35 1.5
 111 KK E1
 112 KM RUNOFF FROM BASIN E1
 113 BA 0.079
 114 LS 0 87.5
 115 UD 0.13

116 KK F6
 117 KM RUNOFF FROM BASIN F6
 118 BA 0.071
 119 LS 0 78.2
 120 UD 0.14

 121 KK 5
 122 KM COMBINE 4-5,E1,F6 - PIKES PEAK AVE
 123 HC 3

HEC-1 INPUT

1

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

124 KK 5DET
 125 KO 1 2 300 7 21
 126 KM DETENTION STORAGE AT WAGNER PARK USING DOUBLE 12x6 CBC
 127 SV 0 .56 1.94 4.08 9.02 16.88 25.46 34.66
 128 SQ 72 432 840 1248 1512 1752 1968 2160
 129 SE 6016 6018 6020 6022 6024 6026 6028 6030
 130 RS 1 ELEV 6016

131 KK 5-6
 132 KM ROUTE FROM DES PT 5 TO DES PT 6
 133 RK 1700 0.015 0.035 0 TRAP 40 1.5

134 KK F1
 135 KM RUNOFF FROM BASIN F1
 136 BA 0.120
 137 LS 0 87.8
 138 UD 0.23

139 KK F7
 140 KM RUNOFF FROM BASIN F7
 141 BA 0.140
 142 LS 0 83.7
 143 UD 0.33

144 KK 6C
 145 KM COMBINE F1,F7 - PLATTE AVE AT MURRAY
 146 HC 2

147 KK 6C-6B
 148 KM ROUTE FROM 6C TO DES PT 6B
 149 RK 1100 0.015 0.035 0 TRAP 35 1.5

150 KK F2
 151 KM RUNOFF FROM BASIN F2
 152 BA 0.233
 153 LS 0 89.3
 154 UD 0.20

155 KK 6B
 156 KM COMBINE 6C-6B,F2
 157 HC 2

158 KK 6B-6A
 159 KM ROUTE FROM DES PT 6B TO DES PT 6A
 160 RK 2400 0.015 0.015 0 TRAP 12 1.5

161 KK F4
 162 KM RUNOFF FROM BASIN F4
 163 BA 0.047
 164 LS 0 90.2
 165 UD 0.17

PAGE 5

HEC-1 INPUT

1
 LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

166 KK F3
 167 KM RUNOFF FROM BASIN F3
 168 BA 0.190
 169 LS 0 85.5
 170 UD 0.23

171 KK 6A
 172 KM COMBINE 6B-6A,F4,F3
 173 HC 3

174 KK F8
 175 KM RUNOFF FROM BASIN F8
 176 BA 0.051
 177 LS 0 81.6
 178 UD 0.10

179 KK 6
 180 KM COMBINE 5-6,6A,F6 -CONFLUENCE WITH EAST FORK OF SPRING CREEK
 181 HC 3

182 KK 6DET
 183 KO 1 2 300 7 21
 184 KM DETENTION STORAGE AT REDWING SANCTUARY W/2-24" RCP & 35' WEIR AT 5989
 185 SV 0 0.3 1.3 3.9 8.4 14.2 21.0 29.5 41.1
 186 SQ 0 30 170 630 1270 2050 2950 3960 5050
 187 SE 5986 5988 5990 5992 5994 5996 5998 6000 6002
 188 RS 1 ELEV 5986

189 KK 6-7
 190 KM ROUTE FROM DES PT 6 TO DES PT 7
 191 RK 1400 0.007 0.015 0 TRAP 45 1.5

192 KK F5
 193 KM RUNOFF FROM BASIN F5
 194 BA 0.305
 195 LS 0 85.6
 196 UD 0.24

197 KK G1
 198 KM RUNOFF FROM BASIN G1
 199 BA 0.125
 200 LS 0 86.9

201 UD 0.15
 202 KK G2
 203 KM RUNOFF FROM BASIN G2
 204 BA 0.198 84.1
 205 LS 0
 206 UD 0.25

HEC-1 INPUT

PAGE 6

1
 LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

207 KK G3
 208 KM RUNOFF FROM BASIN G3
 209 BA 0.064
 210 LS 0 91.4
 211 UD 0.18

212 KK 7
 213 KM COMBINE 6-7,G1,G2,G3,F5 - AIRPORT ROAD
 214 HC 5

215 KK 7-8
 216 KM ROUTE FROM DES PT 7 TO DES PT 8
 217 RK 2000 0.005 0.035 0 TRAP 45 1.5

218 KK H1
 219 KM RUNOFF FROM BASIN H1
 220 BA 0.217
 221 LS 0 91.9
 222 UD 0.19

223 KK 8
 224 KM COMBINE 7-8,H1 - 1/2 WAY BETWEEN AIRPORT RD AND CHELTON DR
 225 HC 2

226 KK 8-9
 227 KM ROUTE FROM DES PT 8 TO DES PT 9
 228 RK 1400 0.005 0.015 0 TRAP 40 1.5

229 KK 12
 230 KM RUNOFF FROM BASIN I2
 231 BA 0.071
 232 LS 0 87.9
 233 UD 0.15

234 KK 9UPP
 235 KM COMBINE 8-9,I2 UPSTREAM OF CHELTON ROAD
 236 HC 2

237 KK 13
 238 KM RUNOFF FROM BASIN I3
 239 BA 0.187
 240 LS 0 88.2
 241 UD 0.21

242 KK 9LOW
 243 KM COMBINE 9UPP,13 DOWNSTREAM OF CHELTON ROAD
 244 HC 2

245 KK 9-10
 246 KM ROUTE FROM DES PT 9 TO DES PT 10
 247 RK 1600 0.007 0.035 0 TRAP 45 1.5
 HEC-1 INPUT

1

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

248 KK I1
 249 KM RUNOFF FROM BASIN I1
 250 BA 0.116
 251 LS 0 78.8
 252 UD 0.14

253 KK I1-10A
 254 KM ROUTE FROM I1 TO DES PT 10A
 255 RK 1000 0.005 0.035 0 TRAP 25 1.5

256 KK J1
 257 KM RUNOFF FROM BASIN J1
 258 BA 0.254
 259 LS 0 81.7
 260 UD 0.25

261 KK J1-10A
 262 KM ROUTE FROM J1 TO DES PT 10A
 263 RK 3200 0.005 0.015 0 TRAP 25 1.5

264 KK J2
 265 KM RUNOFF FROM BASIN J2
 266 BA 0.163
 267 LS 0 76.9
 268 UD 0.20

269 KK 10A
 270 KM COMBINE J1-10A,J2,I1-10A
 271 HC 3

272 KK K1
 273 KM RUNOFF FROM BASIN K1
 274 BA 0.240
 275 LS 0 89.0
 276 UD 0.24

277 KK K2
 278 KM RUNOFF FROM BASIN K2
 279 BA 0.272
 280 LS 0 81.7
 281 UD 0.23

282 KK 10B
 283 KM COMBINE K1,K2

284 HC 2
 285 KK 10B10C
 286 KM ROUTE FROM DES PT 10B TO DES PT10C
 287 RK 2300 0.015 0.035 0 TRAP 80 2
 HEC-1 INPUT

1

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

288 KK K3
 289 KM RUNOFF FROM BASIN K3
 290 BA 0.123
 291 LS 0 72.7
 292 UD 0.30
 293 KK 10C
 294 KM COMBINE 10B-10C,K3
 295 HC 2
 296 KK J3
 297 KM RUNOFF FROM BASIN J3
 298 BA 0.084
 299 LS 0 89.9
 300 UD 0.22
 301 KK 10
 302 KM COMBINE 9-10,10A,10C,J3 - VALLEY HI LAKE
 303 HC 4
 304 KK 10DET
 305 KM DETENTION STORAGE AT VALLEY HIGH LAKE - LEAVE SPILLWAY @CURRENT EL
 306 SV 0 9.2 38.1 78.4 127.6 184.1 246.2 314.1 387.5
 307 SQ 0 600 3100 5700 13577 26671 43488 63141 85505
 308 SE 5945 5946 5948 5950 5952 5954 5956 5958 5960
 309 RS 1 ELEV 5945
 310 KK 10-11
 311 KM ROUTE FROM DES PT 10 TO DES PT 11
 312 RK 900 0.008 0.015 TRAP 22 1.5
 313 KK K5
 314 KM RUNOFF FROM BASIN K5
 315 BA 0.067
 316 LS 0 90.7
 317 UD 0.18
 318 KK 11
 319 KM COMBINE 10-11,K5 - FOUNTAIN BLVD
 320 HC 2
 321 KK 11-12
 322 KM ROUTE FROM DES PT 11 TO DES PT 12
 323 RK 1000 0.0130 0.015 0 TRAP 25 1.5
 324 KK L1

325 KM RUNOFF FROM BASIN L1
 326 BA 0.140
 327 LS 0 86.7
 328 UD 0.14

HEC-1 INPUT

PAGE 9

1
 LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

329 KK L1-12A
 330 KM ROUTE FROM L1 TO DES PT 12A
 331 RK 1000 0.020 0.013 CIRC 4.5

332 KK L2
 333 KM RUNOFF FROM BASIN L2
 334 BA 0.223
 335 LS 0 85.7
 336 UD 0.18

337 KK L2-12A
 338 KM ROUTE FROM L2 TO DES PT 12A
 339 RK 850 0.020 0.013 CIRC 5.0

340 KK 12A
 341 KM COMBINE L1-12A,L2-12A
 342 HC 2

343 KK L3
 344 KM RUNOFF FROM BASIN L3
 345 BA 0.060
 346 LS 0 89.3
 347 UD 0.19

348 KK L4
 349 KM RUNOFF FROM BASIN L4
 350 BA 0.124
 351 LS 0 83.1
 352 UD 0.18

353 KK K4
 354 KM RUNOFF FROM BASIN K4
 355 BA 0.127
 356 LS 0 73.6
 357 UD 0.21

358 KK 12
 359 KM COMBINE 11-12,12A,L3,L4,K4
 360 HC 5

361 KK 12-13
 362 KM ROUTE FROM DES PT 12 TO DES PT 13
 363 RK 2200 0.015 0.035 0 TRAP 25 1.5

364 KK M4
 365 KM RUNOFF FROM BASIN M4
 366 BA 0.157

367
368

LS 0 83.2
UD 0.16

HEC-1 INPUT

1

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

369
370
371

KK M4-13A
KM ROUTE FROM M4 TO DES PT 13A
RK 2300 0.015 0.035 0 TRAP 1 1.5

372
373
374
375
376

KK M3
KM RUNOFF FROM BASIN M3
BA 0.197
LS 0 84.3
UD 0.22

377
378
379

KK 13A
KM COMBINE M4-13A,M3
HC 2

380
381
382
383
384

KK M5
KM RUNOFF FROM BASIN M5
BA 0.075
LS 0 92.0
UD 0.21

385
386
387

KK 13
KM COMBINE 12-13,13A,M5 - 1/2 BETWEEN CIRCLE DR AND UNION BLVD
HC 3

388
389
390

KK 13-14
KM ROUTE FROM DES PT 13 TO DES PT 14
RK 1800 0.015 0.035 0 TRAP 25 1.5

391
392
393
394
395

KK N1
KM RUNOFF FROM BASIN N1
BA 0.153
LS 0 93.3
UD 0.17

396
397
398
399
400

KK N2
KM RUNOFF FROM BASIN N2
BA 0.072
LS 0 92.1
UD 0.13

401
402
403

KK 14UPP
KM COMBINE 13-14,N1,N2 - UPSTREAM SIDE OF UNION BLVD
HC 3

404
405
406
407
408

KK 14DET
KO 1 2 300 7 21
KM DETENTION STORAGE AT UNION BLVD. - PROVIDED BY US 24 BYPASS
SV 0 0.2 2.3 8.3 16.1 29.4 44.0 60.2 77.3 95.6
SV 114.9 134.1 156.2 178.3

409	SQ	0	234	634	1170	1768	2236	2990	3536	4030	4420
410	SQ	4810	5200	5590	5980						
411	RS	1	ELEV	5878							

HEC-1 INPUT

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

412	KK	M2									
413	KM		RUNOFF FROM BASIN M2								
414	BA	0.115									
415	LS	0	86.4								
416	UD	0.17									
417	KK	M2-14A									
418	KM		ROUTE FROM M2 TO DES PT 14A								
419	RK	2000	0.030	0.035	0	TRAP	20	1.5			
420	KK	N4									
421	KM		RUNOFF FROM BASIN N4								
422	BA	0.105									
423	LS	0	69.4								
424	UD	0.24									
425	KK	14A									
426	KM		COMBINE M2-14A,N4								
427	HC	2									
428	KK	N3									
429	KM		RUNOFF FROM BASIN N3								
430	BA	0.033									
431	LS	0	93.6								
432	UD	0.15									
433	KK	14LOW									
434	KM		COMBINE 14DET,14A,N3 - DOWNSTREAM SIDE OF UNION BLVD								
435	HC	3									
436	KK	14-15									
437	KM		ROUTE FROM DES PT 14 TO DES PT 15								
438	RK	1900	0.010	0.035	0	TRAP	35	1.5			
439	KK	01									
440	KM		RUNOFF FROM BASIN 01								
441	BA	0.095									
442	LS	0	93.2								
443	UD	0.14									
444	KK	02									
445	KM		RUNOFF FROM BASIN 02								
446	BA	0.148									
447	LS	0	77.4								
448	UD	0.18									
449	KK	15									
450	KM		COMBINE 14-15,01,02 - HANCOCK EXPRESSWAY								

451

HC

3

HEC-1 INPUT

PAGE 12

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

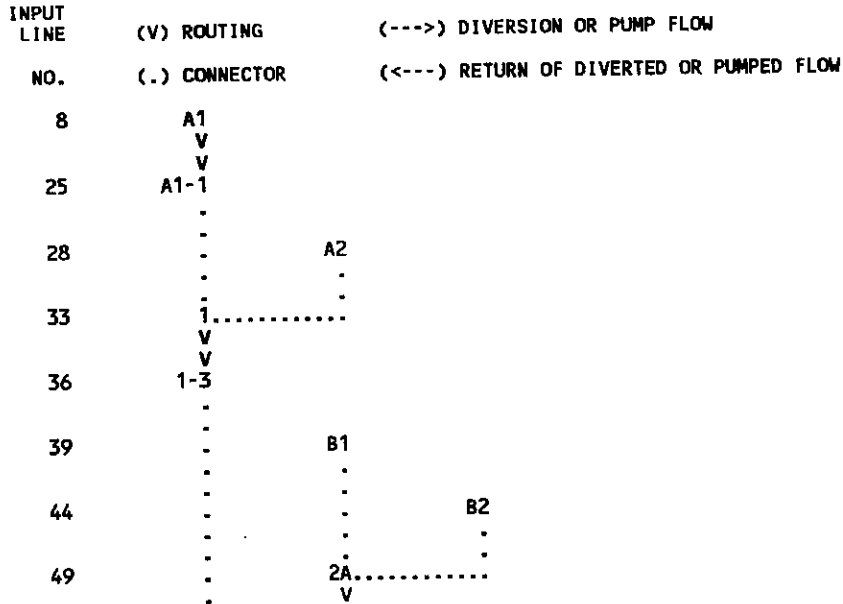
452 KK 15-16
 453 KM ROUTE FROM DES PT 15 TO DES PT 16
 454 RK 2600 0.010 0.035 0 TRAP 40 1.5

455 KK P1
 456 KM RUNOFF FROM BASIN P1
 457 BA 0.031
 458 LS 0 88.5
 459 UD 0.12

460 KK P2
 461 KM RUNOFF FROM BASIN P2
 462 BA 0.203
 463 LS 0 85.9
 464 UD 0.21

465 KK 16
 466 KM COMBINE 15-16,P1,P2 - CONFLUENCE WITH FOUNTAIN CREEK
 467 HC 3
 468 ZZ

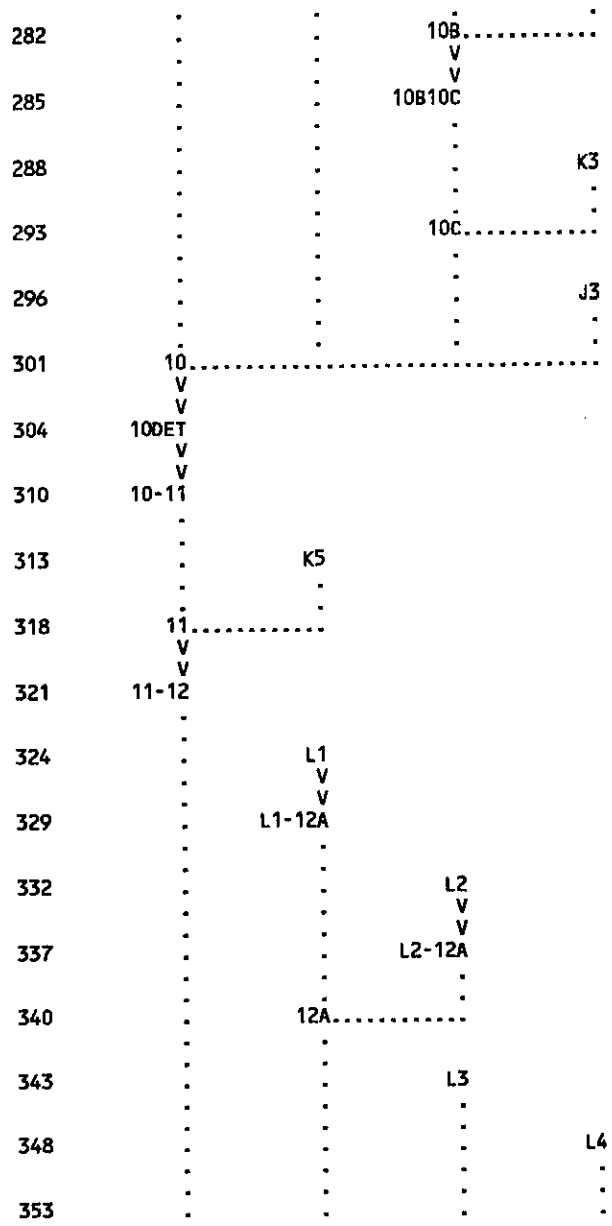
SCHEMATIC DIAGRAM OF STREAM NETWORK



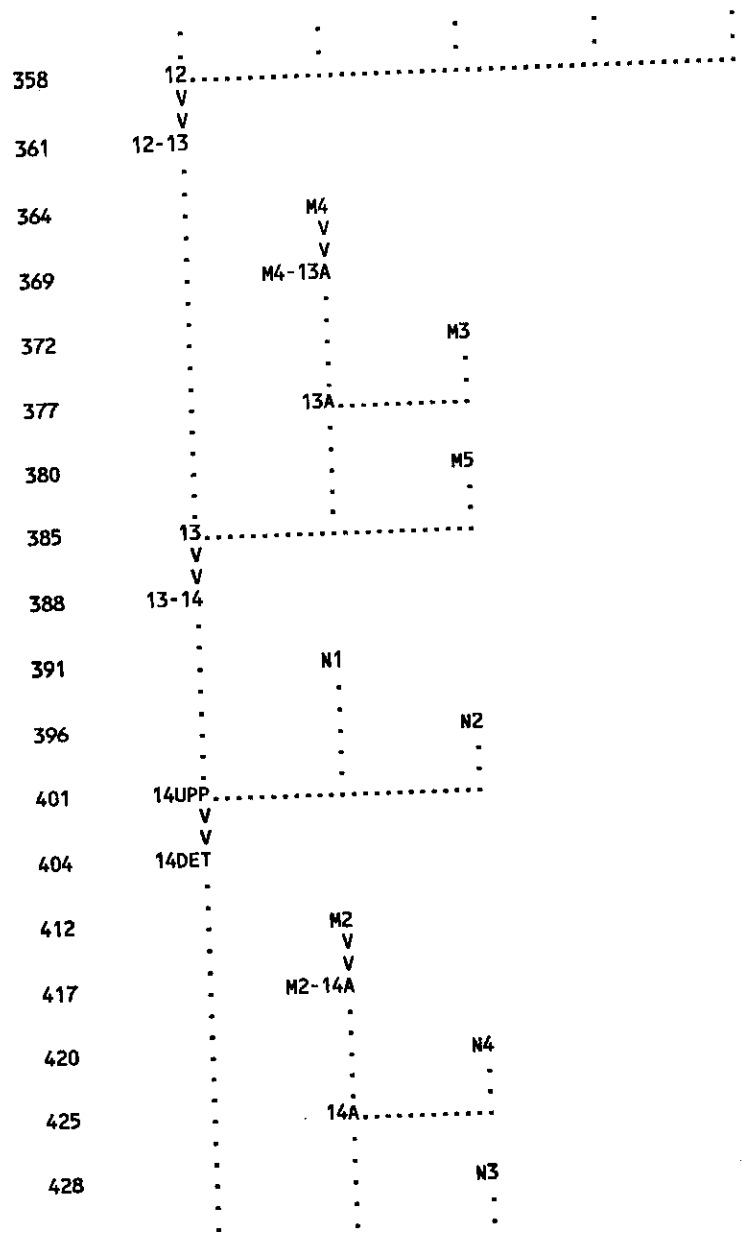
52	.	V		
	.	2A-2		
55	.	.	B3	
60	.	.	.	B5
65	.	2	.....	.
	.	V		
68	.	2-3		
71	.	.	C1	
	.	.	V	
76	.	.	C1-3	
	.	.	.	
79	.	.	.	C2
84	.	.	.	B4
89	.	3	.....	.
	.	V		
92	.	3-4		
95	.	.	D1	
100	.	.	.	D2
105	.	4	.....	.
	.	V		
108	.	4-5		
111	.	.	E1	
116	.	.	.	F6
121	.	5	.....	.
	.	V		
124	.	5DET		

131	V V 5-6			
134	.	F1		
139	.	.	F7	
144	.	6C.....		
147	.	V 6C-6B		
150	.	.	F2	
155	.	6B.....		
158	.	V 6B-6A		
161	.	.	F4	
166	.	.		F3
171	.	6A.....		
174	.	.	F8	
179	.	6.....		
182	V V 6DET			
189	V V 6-7			
192	.	F5		
197	.	.	G1	
202	.	.	.	G2

207	.	.	.	.	G3
	:	:	:	:	:
212	7	-----			
	V				
	V				
215	7-8				
	:				
218	.	H1			
	:	:			
	:	:			
223	8	-----			
	V				
	V				
226	8-9				
	:				
229	.	I2			
	:	:			
	:	:			
234	9UPP	-----			
	:				
237	.	I3			
	:	:			
	:	:			
242	9LOW	-----			
	V				
	V				
245	9-10				
	:				
248	.	I1			
	:	V			
	:	V			
253	.	I1-10A			
	:	:			
256	.	.	J1		
	:	:	V		
	:	:	V		
261	.	.	J1-10A		
	:	:	:		
264	.	.	.	J2	
	:	:	:	:	
269	.	I0A	-----		
	:	:			
272	.	.	K1		
	:	:	:		
277	.	.	.	K2	
	:	:	:	:	



K4



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433 14LOW.....
      V
      V
436 14-15
      .
      .
439 .      01
      .
      .
444 .      .      02
      .
      .
449 15.....
      V
      V
452 15-16
      .
      .
455 .      P1
      .
      .
460 .      .      P2
      .
      .
465 16.....

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(***) RUNOFF ALSO COMPUTED AT THIS LOCATION

FLOOD HYDROGRAPH PACKAGE HEC-1 (IBM XT 512K VERSION) - FEB 1, 1985
 U.S. ARMY CORPS OF ENGINEERS, THE HYDROLOGIC ENGINEERING CENTER, 609 SECOND STREET, DAVIS, CA. 95616

SPRING CREEK DBPS URS PROJECT NO. 40218
 FINAL HYDROLOGY FOR THE BASIN - INPUT FILE SPR4.INP
 USING THE 100-YEAR 24-HOUR STORM IN THE CITY/COUNTY CRITERIA
 FOR TRIBUTARY FLOWS BELOW 100 AC SUBBASINS
 RUN DATE 03-26-1993

7 IO OUTPUT CONTROL VARIABLES
 IPRNT 5 PRINT CONTROL
 IPLOT 0 PLOT CONTROL
 QSCAL 0. HYDROGRAPH PLOT SCALE

IT HYDROGRAPH TIME DATA
 NMIN 5 MINUTES IN COMPUTATION INTERVAL
 IDATE 1JUL90 STARTING DATE
 ITIME 0800 STARTING TIME
 NQ 300 NUMBER OF HYDROGRAPH ORDINATES
 NDDATE 2JUL90 ENDING DATE
 NDTIME 0855 ENDING TIME

COMPUTATION INTERVAL .08 HOURS
 TOTAL TIME BASE 24.92 HOURS

ENGLISH UNITS

WARNING *** TIME INTERVAL IS GREATER THAN .29*LAG
 WARNING *** TIME INTERVAL IS GREATER THAN .29*LAG
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 WARNING *** TIME INTERVAL IS GREATER THAN .29*LAG

1

RUNOFF SUMMARY
 FLOW IN CUBIC FEET PER SECOND
 TIME IN HOURS, AREA IN SQUARE MILES

OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD			BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
				6-HOUR	24-HOUR	72-HOUR			
+	HYDROGRAPH AT								
	A1	298.	6.00	31.	9.	9.	.14		
+	ROUTED TO								
	A1-1	287.	6.08	31.	9.	9.	.14		
+	HYDROGRAPH AT								
	A2	336.	6.00	36.	11.	10.	.13		
+	2 COMBINED AT								
	1	621.	6.00	67.	20.	19.	.26		
+	ROUTED TO								
	1-3	608.	6.08	67.	20.	19.	.26		
+	HYDROGRAPH AT								
	B1	413.	6.08	46.	14.	13.	.19		
+	HYDROGRAPH AT								
	B2	361.	6.08	45.	14.	13.	.19		

+	2 COMBINED AT	2A	774.	6.08	91.	28.	27.	.38
+	ROUTED TO	2A-2	759.	6.08	91.	28.	27.	.38
+	HYDROGRAPH AT	B3	185.	6.08	21.	7.	6.	.10
+	HYDROGRAPH AT	B5	82.	6.08	9.	3.	3.	.04
+	3 COMBINED AT	2	1026.	6.08	122.	37.	36.	.52
+	ROUTED TO	2-3	1009.	6.08	122.	37.	36.	.52
+	HYDROGRAPH AT	C1	385.	6.17	52.	15.	15.	.18
+	ROUTED TO	C1-3	384.	6.17	52.	15.	15.	.18
+	HYDROGRAPH AT	C2	678.	6.00	77.	23.	22.	.24
+	HYDROGRAPH AT	B4	304.	6.00	32.	10.	9.	.12
+	5 COMBINED AT	3	2915.	6.08	348.	105.	101.	1.33
+	ROUTED TO	3-4	2894.	6.08	348.	105.	101.	1.33
+	HYDROGRAPH AT	D1	362.	6.08	43.	13.	12.	.14
+	HYDROGRAPH AT	D2	277.	6.00	30.	9.	8.	.09
+	3 COMBINED AT	4	3499.	6.08	421.	126.	122.	1.56
+	ROUTED TO	4-5	3457.	6.08	421.	126.	122.	1.56
+	HYDROGRAPH AT	E1	209.	6.00	22.	6.	6.	.08
+	HYDROGRAPH AT	F6	133.	6.00	14.	4.	4.	.07
	3 COMBINED AT							

+		G1	313.	6.00	34.	10.	10.	.13
+	HYDROGRAPH AT	G2	385.	6.08	48.	15.	14.	.20
+	HYDROGRAPH AT	G3	174.	6.00	20.	6.	6.	.06
+	5 COMBINED AT	7	4742.	6.17	846.	259.	250.	3.18
+	ROUTED TO	7-8	4666.	6.17	848.	260.	251.	3.18
+	HYDROGRAPH AT	H1	588.	6.00	69.	20.	20.	.22
+	2 COMBINED AT	8	5137.	6.17	916.	280.	270.	3.40
+	ROUTED TO	8-9	5095.	6.17	916.	280.	270.	3.40
+	HYDROGRAPH AT	12	184.	6.00	20.	6.	6.	.07
+	2 COMBINED AT	9UPP	5214.	6.17	935.	286.	276.	3.47
+	HYDROGRAPH AT	13	449.	6.08	53.	16.	15.	.19
+	2 COMBINED AT	9LOW	5600.	6.17	988.	302.	291.	3.66
+	ROUTED TO	9-10	5533.	6.17	988.	302.	291.	3.66
+	HYDROGRAPH AT	11	222.	6.00	23.	7.	7.	.12
+	ROUTED TO	11-10A	219.	6.08	23.	7.	7.	.12
+	HYDROGRAPH AT	J1	449.	6.08	56.	17.	17.	.25
+	ROUTED TO	J1-10A	446.	6.17	57.	17.	17.	.25
+	HYDROGRAPH AT	J2	265.	6.08	30.	9.	9.	.16
+	3 COMBINED AT	10A	883.	6.08	110.	34.	33.	.53

+		L3	152.	6.08	18.	5.	5.	.06
+	HYDROGRAPH AT	L4	262.	6.08	29.	9.	8.	.12
+	HYDROGRAPH AT	K4	174.	6.08	20.	6.	6.	.13
+	5 COMBINED AT	12	7530.	6.25	1449.	443.	427.	5.65
+	ROUTED TO	12-13	7423.	6.33	1450.	444.	427.	5.65
+	HYDROGRAPH AT	M4	338.	6.00	37.	11.	11.	.16
+	ROUTED TO	M4-13A	338.	6.08	37.	11.	11.	.16
+	HYDROGRAPH AT	M3	410.	6.08	48.	15.	14.	.20
+	2 COMBINED AT	13A	747.	6.08	86.	26.	25.	.35
+	HYDROGRAPH AT	M5	200.	6.08	24.	7.	7.	.08
+	3 COMBINED AT	13	7948.	6.25	1558.	477.	459.	6.08
+	ROUTED TO	13-14	7853.	6.33	1559.	477.	459.	6.08
+	HYDROGRAPH AT	N1	446.	6.00	51.	15.	14.	.15
+	HYDROGRAPH AT	N2	215.	6.00	23.	7.	7.	.07
+	3 COMBINED AT	14UPP	8092.	6.25	1631.	499.	480.	6.31
+	ROUTED TO	14DET	5618.	6.67	1631.	499.	480.	6.31
+	HYDROGRAPH AT	M2	272.	6.00	30.	9.	9.	.12
+	ROUTED TO	M2-14A	272.	6.08	31.	9.	9.	.12
+	HYDROGRAPH AT	N4	107.	6.17	14.	4.	4.	.10

+	2 COMBINED AT	14A	377.	6.08	44.	14.	13.	.22
+	HYDROGRAPH AT	N3	100.	6.00	11.	3.	3.	.03
+	3 COMBINED AT	14LOW	5693.	6.58	1686.	516.	497.	6.56
+	ROUTED TO	14-15	5685.	6.67	1687.	516.	497.	6.56
+	HYDROGRAPH AT	01	288.	6.00	31.	9.	9.	.09
+	HYDROGRAPH AT	02	254.	6.08	28.	9.	8.	.15
+	3 COMBINED AT	15	5742.	6.58	1744.	533.	514.	6.80
+	ROUTED TO	15-16	5740.	6.67	1746.	533.	514.	6.80
+	HYDROGRAPH AT	P1	86.	6.00	9.	3.	3.	.03
+	HYDROGRAPH AT	P2	453.	6.08	53.	16.	15.	.20
+	3 COMBINED AT	16	5807.	6.67	1807.	552.	532.	7.04

*** NORMAL END OF HEC-1 ***