PIPE ALTERNATE SCHEDULE			
SIZE	ALT	TYPE	BEDDING
15"	1	RCP 1500 D	CASE I PER STD. 452
	2	C.P. 2000 D	↓
24"	1	RCP 1500 D	
	2	C.P. 2000 D	
	3	CAST-IN-PLACE ASTM-C 477-63T	
36"	1	RCP 1350 D	CASE I, PER STD. 452
	2	CAST-IN-PLACE ASTM-C 477-63 T	

NOTE: AC PIPE MAY BE USED AS ALTERNATE FOR CP WITH EQUIVILENT 'D' NUMBER

COLLAR DETAIL

CONST. CONCRETE COLLAR AROUND ALL PIPE INTERSECTIONS

HGL @ JUNCTION STRUCTURE 918.71 PER RCFC. PROPOSED 36" & 24" PIPE TO FLOW AS OPEN CHANNEL FLOW, HGL NEAR TOP OF PIPE

EXIST. SURFACE OF PIPE

INSTALL OF 36" PIPE S=.0120

INSTALL 114.10' OF 24" PIPE S=.0120

INSTALL 116' OF 15" PIPE S=.0315

GRADE SHEETS FROM EXIST. 36" RCP TO STA. 8+00.00 TO BE ISSUED AFTER CONTRACTOR UNCOVERS EXIST. 36" RCP.

MEET EXIST.

EXIST. 36" RCP.

PROFILE HORIZ. SCALE 1" = 40'

NOT BUILT

PROFILE C

PROFILE A

PROFILE D

PROFILE B

F.B. 859/58-60
P.K. NAIL IN CNTR OF N.E. C.B. RETURN VICTORIA AVE. & ELSINORE RD.
ELEV. 928.22

—CAUTION—
PACIFIC TELEPHONE
CABLES UNDERGROUND
BEFORE EXCAVATING
CALL COLLECT:

	7:30 A.M. to 5 P.M.	After Hours & Holidays
Orange County	714-633-0811	714-547-6606
Riverside County	714-684-0071	714-547-6606

FOR FREE CABLE LOCATING SERVICE

EXACT LOCATION OF EXIST. 36" RCP TO BE DETERMINED AT TIME OF CONST.

ELSINORE

INSTALL 207.40' OF 36" RCP OR ALTERNATE. SEE PROFILE ABOVE.

REMOVE EXIST. DEAD TREES

INSTALL 176.00' OF 36" RCP OR ALTERNATE. SEE PROFILE ABOVE.

STA. 8+00

VICTORIA

MYRTLE

INSTALL 116' OF 15" PIPE SEE PROFILE "B"

INSTALL 114.10' OF 24" RCP OR ALTERNATE. SEE PROFILE

END 24" RCP STA. 13+99.33 = 36+00 VICTORIA. PLUG END. INSTALL 10'± OF 15" PIPE. SEE PROFILE "D"

REMOVE EXIST. INLETS AND PLUG PIPE ENDS.

CONST. AC. SWALE

REMOVE EXIST. CMP. WHERE NECESSARY & PLUG ALL ENDS. SEE INTERSECTION DETAIL AT RIGHT.

RUMSEY

INSTALL 299.23 OF 36" RCP OR ALTERNATE SEE PROFILE ABOVE

INSTALL 26' OF 15" PIPE SEE INTERSECTION DETAIL AT RIGHT. SEE PROFILE "C"

STA. 0+80 RUMSEY

STA. 12+83.21 37+15 VICTORIA V=10.61 USE FRAME & COVER A-1401 ALHAMBRA FOUNDRY OR EQUAL. SEE DETAIL 1

STA. 0+50 MYRTLE V=9.15

INSTALL 55' OF 15" PIPE SEE PROFILE "A"

INSTALL 64'± OF 15" RCP SEE PROFILE "A"

VICTORIA P.I. 39+42.81

STA. 0+90 MYRTLE V=8.90

CURVE DATA				
	R	Δ	L	T
A	45'	37°25'00"	29.39	15.24
B	45'	44°10'00"	34.69	18.26
C	90'	33°35'27"	52.71	27.14
D	240'	48°45'20"	204.23	108.76
E	45'	19°49'32"	15.49	7.86
F	45'	11°33'20"	9.08'	4.55
G	150'	15°43'58"	41.19	20.73

405 M — CONST. MODIFIED 405 C.B. SEE DETAIL # 2

250 — C/R STD. 250, 6" AC. BERM SEE INTERSECTION DETAIL

405 — C/R STD. 405, 4' OPENING CATCH BASIN, SEE INTERSECTION DETAIL.

406 M — C/R STD. 406, MODIFIED GRATED C.B. 1 GRATE, SEE DETAIL # 1

425 M — C/R STD. 425, CLEANOUT, SEE MODIFIED CLEANOUT DETAIL, SEE INTERSECTION DETAIL.

500 — C/R STD. 500, MANHOLE, WITH ALHAMBRA FOUNDRY FRAME & COVER A-1251 OR EQUAL

PLACE 8" AC.

PLACE AC. OVERLAY

TYPICAL TRENCH SECTION
NO SCALE

PAVE AREA · DIRT AREA · 8" AC. · 95% RC. · 90% RC. · 85% RC. · BACKFILL TRENCH WITH NATIVE MATERIAL. · 90°/. RC.

NOT BUILT

FRAME & COVER · 5"x8"x 3/8" ANGLE ANCHOR AT EACH END · 15" RCP. · INSTALL MANHOLE FRAME AND COVER ALHAMBRA FOUNDRY A-1191 OR EQUIV. · 2' OPENING · 5"x8"x 3/8" ANGLE · CHANNEL BOTTOM TO DRAIN · CONST. PER STD. 425 EXCEPT AS NOTED. OMIT SHELF. · BOX TO BE CONST. 24'2" INSIDE FACE TO INSIDE FACE.

MODIFIED CLEANOUT
NO SCALE

EXIST. ROCK WALL · REMOVE EXIST. ROCK WALL, REPLACE WITH PCC CURB · CONST. PCC. CURB TO MEET EXIST. ROCK WALL · REPLACE AC. MEET EXIST.

DETAIL 1

ALHAMBRA FOUND. FRAME & COVER A-1401 · PLACE STEEL IN TOP · ALHAMBRA FOUNDRY A-3315 · CONST. SHELF · FLOW · 24" RCP · SHELF · CHANNEL BOTTOM

DETAIL 2

VICTORIA AVE · END 24" RCP STA. 13+99.33= 36+00 VICTORIA. PLUG END WITH BRICK & MORTAR · SEE PROFILE "B". REMOVE EXIST. INLET & PLUG ALL PIPES. · 15" RCP TO JOIN 24" RCP AT STA. 13+20. SEE COLLAR DETAIL · REMOVE EXIST. CMP. WHERE NECESSARY & PLUG END. · STA. 85+80 END BERM & AC. · 36" RCP · EC. 12+45.74 · PCC. 12+94.31 · STA. 12+83.21 = 37+15 VICTORIA SEE DETAIL 2 · STA. 0+80 RUMSEY · END BERM 1+05 · PLUG EXIST. 10" CMP. · INSTALL 26' OF 15" PIPE SEE PROFILE "C" · INSTALL 10'± OF 15" RCP. SEE PROFILE "D" · STA. 36+00 · RUMSEY · 1+00 · 80' · 10'

VICTORIA – RUMSEY INTERSECTION DETAIL
SCALE 1"=20'

NOT BUILT

MARK	REVISIONS	APPR.	DATE

DESIGNED BY LANSING DRAWN BY LANSING CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
OFFICE ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
ASSISTANT CITY ENG.		

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE

VICTORIA STORM DRAIN
LATERAL "A"
ELSINORE RD. TO RUMSEY DR.

HORIZ. SCALE: 1" = 50 · VERT. SCALE: 1" = 4

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PROJECT NO. D-177
SHEET 1 OF 1
FILE NO.