

COUNTY of ORANGE
OC PUBLIC WORKS
OC SURVEY FIELD UNIT - COMPUTER PROCESSING & MAPPING
FIELD DATA REPORT

FOUNTAIN VALLEY CHANNEL REHABILITATION (D05) PROJECT - EF21460
VOLUME SUMMARY

Sub-Area	Station / Location	Surface Description		2D Area (Sq.Ft)	Cut Factor	Fill Factor	Cut (Cu. Yd.)	Fill (Cu. Yd.)	Net (Cu. Yd.)	
		Base *	Comparison**							
THE VOLUME REPORT INCLUDES ONLY THE CHANNEL'S COMPACTED FILL AREA										
Garfield Ave. to Brookhurst St.	38+01.30 TO 61+91.24	Existing Surface	Record Drawing Surface	68647	1.0	1.0	449	1183	733	Cut
Brookhurst St. to Ellis Ave.	63+92.92 TO 81+00.04	Existing Surface	Record Drawing Surface	49969	1.0	1.0	1155	200	-955	Fill
TOTAL							1604	1382	-222	<Cut>

NOTE :

1. Record surface was established holding the intent from the record drawing.
2. Existing structures were controlling factors for the channel bottom profile.
3. The maintenance road height were established per existing conditions.
4. The channel hinge point height was established per existing conditions.
5. The slopes for the channel walls vary along the channel and were established by holding notes 2 and 4.

OC Survey Reference Record Drawing:

1.FOUNTAIN VALLEY CHANNEL (PROJECT D5) D05-101-7R MAY, 2000

OC Survey Surface Used:

*FOUNTAIN VALLEY CHANNEL_TOPO_2020

** FOUNTAIN VALLEY CHANNEL_CORRIDOR_2020