

El Cajon  
MAC-15TR

Construction June 2009  
Evaluation on 7-12-2010

Magnolia / Fletcher intersection







Mix Design  
for  
MAC-15TR

**CANYON ROCK AND ASPHALT**

Asphalt Concrete Mix Design

Contractor: SRM Contracting & Paving  
 Mix Design: 1/2" TMAC-GG-C, MAC-10TR  
 Source: Canyon Rock  
 7500 Mission Gorge Road, San Diego

Job Name: El Cajon Resurfacing  
 Attention:  
 Date: April 23, 2009  
 Fax:

Bin %	3/4"	1/2"	3/8"	Dust	Sand	Combined	Specs
% Used	25	50	15	10	J.M.F.	SSPWC*	
Sieve Size							C
1 1/2"	100	100	100	100	100	100	100
1"	100	100	100	100	100	100	100
3/4"	99	100	100	100	100	100	100
1/2"	23	89	100	100	100	98	90-100
3/8"	2	29	97	100	100	84	78-92
#4	1	1	32	100	97	40	28-42
#8	0	0	2	76	94	17	15-25
#16			1	48	84	15	
#30			0	34	62	12	5-15
#50				23	39	9	
#100				15	25	5	
#200				12	15	4	2-7

% OIL BY D.W.A.

MAC-10TR 6.2%\*\*  
 MAC-15TR 5.0-7.0

Laboratory compacted unit weight 143.2  
 Maximum Theoretical Unit Weight (pcf) 150.4  
 Sand Equivalency 55  
 % Air Voids 4.80%  
 Stability 35

\* SSPWC Section 600-5.3.2 Composition and Grading  
 \*\*Percent of oil as per SSPWC Table 600-5.3.2 (A)