



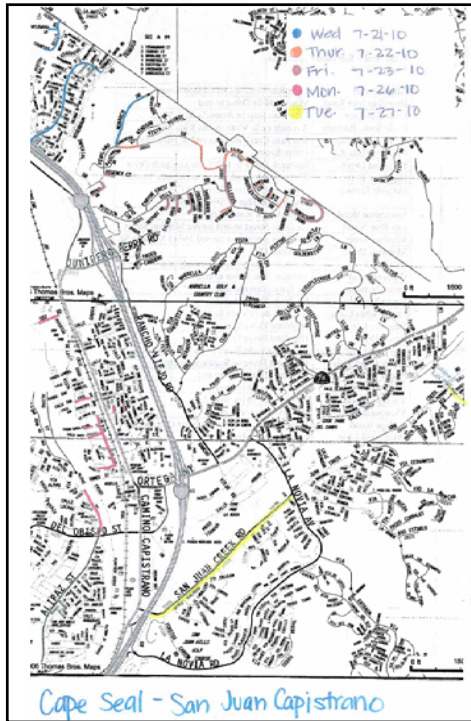




Applying chip seal  
76-22TR min. 18%  
TR content at 330F



## Street Locations & Map



Cape Seal - San Juan Capistrano  
Revised: 07/13/10

Alipaz Street	Calle Rio Vista to Del Obispo Street
Banding Iron Road	Mission Hills Drive to end
Calle San Luis	Calle San Juan to Avenida de la Vista
Calle Santa Barbara	Avenida de la Vista to Los Rios Street
Camino Lacouague	San Juan Creek Road to end of paved road
Country Hills Rd.	Entire Street
Highland Drive	Monarch Drive to 1200' e/o Monarch Drive
Highland Drive	2710' e/o Monarch Drive to Hillside Terrace
Hillside Terrace	Highland Drive to Viewpoint Circle And Saddleridge to Silvercreek
Horseshoe Bend	Homo Creek Road to end
Los Rios Street	La Zanja Street to end before Mission Street
Mission Street	Los Rios Street just passed 26614 Mission St.
Monarch Drive	Highland Drive to end
Oso Road	Avenida de la Vista to westerly end
Outpost Road	Mission Hills Drive to end
Paseo Naranja	La Zanja Street to end
Paseo Nogal	La Zanja Street to end
Paseo Santa Clara	Avenida de la Vista to end
Regency Court	Highland Drive to end
Royal Drive	Highland Drive to end
San Juan Creek Road	1200' e/o Valle Road to La Novia Avenue
Silver Creek Drive	Highland Drive to Saddleridge Drive
Silver Spur Drive	Mission Hills Drive to end
Valley Rim Circle	Saddleridge Drive to end
Vantage Circle	Saddleridge Drive to end
Viewpoint Circle	Hillside Terrace to end
Village Road	Rancho Viejo Road to Trabuco Creek Road
Wildwood Lane	Country Hills Road to end

PRODUCT: PG 76-22TR ASPHALT CEMENT  
 CODP No.: 12713  
 DATE: July 23, 2010  
 TANK No.: 5603

Purchaser: COPP Contractors  
 Destination: SAN JOSE CALIFORNIA  
 Transporter: CALIF  
 Truck No.: 218  
 Bill of Lading No.: 303798  
 Contract No.: 2120007  
 Purchase Order No.:

Meets Specifications. Caltrans.

**76-22TR Spec**  
 18.3% tire rubber content



**CERTIFICATE OF COMPLIANCE**

TESTS	ASTM No.	AASHTO No.	SPECIFICATION	RESULT
<b>Tests on Original Asphalt:</b>				
Dynamic Shear, 76°C, G <sup>2</sup> /Sinδ, kPa	D 7176	T 315	1.00 min	1.52
Dynamic Shear, 76°C, Phase Angle, δ	D 7175	T 315		62.2
Viscosity, 135°C, 21 Spindle, 20 RPM, Pa·s	D 4402	T 316	3.0 max	1.92
Fusion Point, C, O.C., °C	D 92	T 48	230 min	201
Density, 15°C, Kg/m <sup>3</sup>	D 70	T 228		1.039
Solubility in Trichloroethylene, wt %	D 2042	T 44	97.5 min	99.7
Tire Rubber Content, wt %			15 min	18.3
SES Polymer Content, wt %			3 min	<3
<b>Tests on R.T.F.O. Residue:</b>				
Dynamic Shear, 76°C, G <sup>2</sup> /Sinδ, kPa	D 2872	T 240		
Dynamic Shear, 76°C, Phase Angle, δ	D 7175	T 315	2.20 min	2.41
Mass Loss, %	D 7176	T 315	80 max	64.6
Elastic Recovery, 25°C, %	D 2872	T 240	1.00 max	0.836
	D 804B	T 301	65 min	63
<b>Tests on P.A.V. Residue @ 110°C:</b>				
Dynamic Shear, 31°C, G <sup>2</sup> /Sinδ, kPa	D 6521	R 28		
Dynamic Shear, 31°C, G <sup>2</sup> /Sinδ, kPa	D 7175	T 315	5000 max	1850
Creep Stiffness, -12°C, S, MPa	D 6648	T 313	300 max	186
m-Value, -12°C	D 6648	T 313	0.300 min	0.309

Paramount Petroleum Corporation hereby certifies that the asphalt product accompanying this certificate was produced in accordance with an accepted certification program for suppliers of asphalt, and the above test data is representative of the shipment.

Data Compiled By: [Signature]  
 Lau Chernat

Released By: [Signature]  
 Refinery Shift Supervisor