FOR CONTRACT NO.: 11-079404

INFORMATION HANDOUT

MATERIALS INFORMATION

MATERIALS INFORMATION BROCHURE

ROUTE: 11-SD-5-R0.2/R0.5

DISTRICT 11

MATERIALS INFORMATION BROCHURE

MATERIALS ENGINEERING BRANCH

11-SD-5
KP R0.2/R0.5
11-079401

CT CALIFORNIA DEPARTMENT OF TRANSPORTATION

State of California

Memorandum

To : LEON EDMONDS
Office Engineer
District 11

Date: May 8, 2003

File: 11-SD-5
KP R0.2/R0.5
EA 11-079401

From : **DEPARTMENT OF TRANSPORTATION - DISTRICT 11**
Materials Engineering Branch

Subject: Materials Information Brochure

Attached herewith for your consideration

MATERIALS INFORMATION

FOR PROPOSED PROJECT ON ROUTE 5

IN SAN DIEGO COUNTY

STATE ROUTE 5

For Construction of a portion of Route 5
in San Diego County

Arthur F. Padilla
District Materials Engineer

REGISTERED PROFESSIONAL ENGINEER
ARTHUR F. PADILLA
No. C 49529
Exp. 09-30-04
CIVIL
STATE OF CALIFORNIA

AFP: ra

cc: THam (47)
EViramontes (47)
LEdmonds (37)
LKemp (73)
Construction Admin. Senior (73)
Project File (mib 079401.doc)

MATERIALS INFORMATION

11-SD-5
KP R0.2/R0.5
EA 079401

NOTE: Information contained herein has been compiled in accordance with Section 2-1.03 of the Standard Specifications. Additional information is available for review at the District 11, Materials Laboratory, 7177 Opportunity Road, San Diego, California.

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STATE OF CALIFORNIA

DEPARTMENT OF TRANSPORTATION

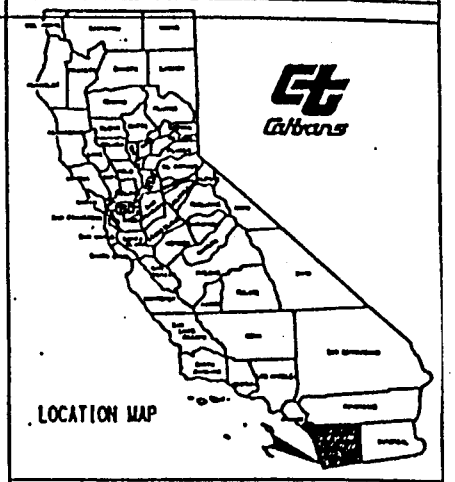
DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
11	SD	5	R0.2/R0.5	1	78

PROJECT PLANS FOR HIGHWAY PLANTING ON

STATE HIGHWAY

IN SAN DIEGO COUNTY IN SAN DIEGO FROM UNITED STATES/MEXICO BORDER TO CAMINO DE LA PLAZA OVERCROSSING

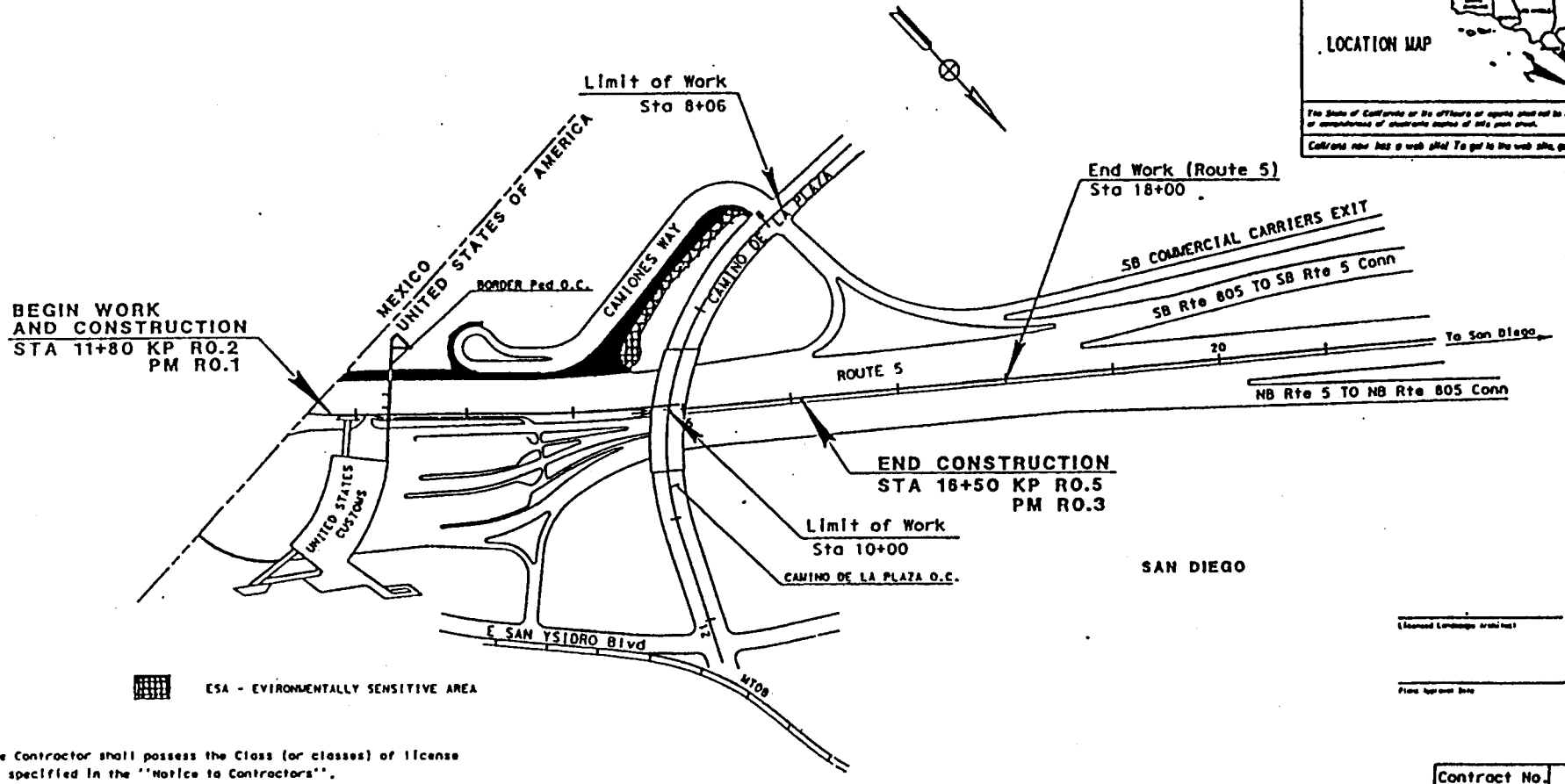
To be supplemented by Standard Plans dated July, 1999



The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

Caltrans now has a web site! To get to the web site, go to http://www.dot.ca.gov

Caltrans Metric



The Contractor shall possess the Class (or classes) of license as specified in the "Notice to Contractors".

Licensed Landscape Architect

Plans Approval Date

Contract No. 11-079404

E. VIRAMONTES | T. HAM

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS

CU 11340 | EA 079401

MATERIALS INFORMATION

R-VALUES

The recommended design R-value of 15 is based on the Materials Report for 11-SD-5, PM 0.0 to 1.2, dated January 10, 1968.

EARTHWORK QUANTITIES

The following earthwork quantities are from the May 7, 2003 Engineer's Estimate.

Roadway Excavation	366 m^3
Embankment	1,662 m^3
Imported Borrow	1,296 m^3

MATERIALS SOURCES

A current list (dated April 4, 2003) of mining operations eligible to sell materials such as aggregates to the State of California in San Diego County follows:

Calif. Mine ID	Mine Name	Operated By
91-37-0002	NORTH TWIN OAKS VALLEY QUARRY	HANSON AGGREGATE CO.
91-37-0004	MISSION VALLEY ROCK PLANT	H.G. FENTON CO.
91-37-0005	PALA ROCK PLANT (SAND)	HANSON AGGREGATE CO.
91-37-0007	CARROLL CANYON PLANT	HANSON AGGREGATE CO.
91-37-0009	WYROC SYCAMORE QUARRY	WYROC, INC.
91-37-0010	LAKESIDE SAND PIT	C.W. MCGRATH, INC.
91-37-0011	HILLSDALE PIT	C.W. MCGRATH, INC.
91-37-0012	EL CORZAN	CITY OF OCEANSIDE
91-37-0013	SIM J. HARRIS COMPANY	HANSON AGGREGATE CO.
91-37-0015	UCLH SAN MARCOS	HANSON AGGREGATE CO.
91-37-0016	OCEANSIDE/CARLSBAD	HANSON AGGREGATE CO.
91-37-0019	TTT QUARRY	SUPERIOR READY MIX CONCRETE
91-37-0020	HESTER'S GRANITE	HANSON AGG
91-37-0021	SLAUGHTER HOUSE CANYON	PIONEER CONCRETE OF CA., INC.
91-37-0022	MCGRATH BORROW PIT	C.W. MCGRATH, INC.
91-37-0024	MISSION GORGE PIT	SUPERIOR READY MIX CONCRETE, L
91-37-0025	RCP PITS 1,2,3, & 5 INCLUSIVE	RCP BLOCK & BRICK, INC.
91-37-0026	MISSION VALLEY	CALMAT CO
91-37-0027	SLOAN CANYON	SLOAN CANYON SAND COMPNAY
91-37-0028	MISSION VALLEY-EX FENTON	CALMAT CO
91-37-0029	CARROLL CANYON	CALMAT CO
91-37-0030	VULCAN – POWAY	VULCAN MATERIALS
91-37-0033	LAKESIDE	VULCAN MATERIALS
91-37-0034	EL MONTE PIT	HANSON AGGREGATE CO.
91-37-0035	OTAY RANCH PIT	HANSON AGGREGATE CO.
91-37-0036	NELSON & SLOAN PIT 12	HANSON AGGREGATE CO.
91-37-0037	BORDER HIGHLANDS PIT	JIM & LOIS NELSON LP
91-37-0042	MONTE VISTA BORROW PIT	SAN DIEGO COUNTY PUBLIC WORKS
91-37-0043	ALLEN BORROW PIT	SAN DIEGO COUNTY PUBLIC WORKS
91-37-0044	BUCKMAN SPRINGS BORROW PIT	SAN DIEGO COUNTY PUBLIC WORKS
91-37-0045	OLIVE STREET BORROW PIT	SAN DIEGO COUNTY PUBLIC WORKS
91-37-0046	MCCAIN BORROW PIT	SAN DIEGO COUNTY PUBLIC WORKS
91-37-0047	BURNAND BORROW PIT	SAN DIEGO COUNTY PUBLIC WORKS
91-37-0048	WARNER BORROW PIT	SAN DIEGO COUNTY PUBLIC WORKS
91-37-0050	MORETTI-MESA GRANDE B.P.	SAN DIEGO COUNTY PUBLIC WORKS
91-37-0052	NATIONAL QUARRIES	NATIONAL QUARRIES
91-37-0053	JAMUL QUARRY	CALMAT CO.
91-37-0054	INLAND VALLEY MATERIALS	INLAND VALLEY MATERIALS
91-37-0056	PALO VERDE LAKE DESILTATION &	PALO VERDE RANCH HOA
91-37-0057	THE PAUMA VALLEY COUNTRY CLUB	THE PAUMA VALLEY COUNTRY CLUB
91-37-0060	RANCHO SAN DIEGO GOLF COURSE	J. CLOUD INC.
91-37-0063	WOODWARD SAND	LAKESIDE LAND COMPANY, INC.
91-37-0064	BAXTER QUARRY	M.J. BAXTER DRILLING COMPANY