

**DEPARTMENT OF TRANSPORTATION**  
DIVISION OF ENGINEERING SERVICES  
OFFICE ENGINEER, MS 43  
1727 30<sup>TH</sup> STREET  
P.O. BOX 168041  
SACRAMENTO, CA 95816-8041  
FAX (916) 227-6214  
TTY (916) 227-8454



*Flex your power!  
Be energy efficient!*

**\*\* WARNING \*\* WARNING \*\* WARNING \*\* WARNING \*\***  
**This document is intended for informational purposes only.**

Users are cautioned that California Department of Transportation (Department) does not assume any liability or responsibility based on these electronic files or for any defective or incomplete copying, excerpting, scanning, faxing or downloading of the contract documents. As always, for the official paper versions of the bidders packages and non-bidder packages, including addenda write to the California Department of Transportation, Plans and Bid Documents, Room 0200, P.O. Box 942874, Sacramento, CA 94272-0001, telephone (916) 654-4490 or fax (916) 654-7028. Office hours are 7:30 a.m. to 4:15 p.m. When ordering bidder or non-bidder packages it is important that you include a telephone number and fax number, P.O. Box and street address so that you can receive addenda.

November 10, 2005

10-SJ-12, 88-37.5, 30.6/31.0  
10-OH2004  
ACSTPH-X077(016)E

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in SAN JOAQUIN COUNTY NEAR CLEMENTS AT ROUTE 12 AND ROUTE 88 INTERSECTION AND ON ROUTE 88 FROM 0.8 KM EAST OF CLEMENTS ROAD TO 0.9 KM WEST OF MOKELUMNE RIVER BRIDGE.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on November 16, 2005.

This addendum is being issued to revise the Notice to Contractors and Special Provisions

In the Special Provisions, under Section "NOTICE TO CONTRACTORS," the sixth paragraph is revised as follows:

"At the time this contract is awarded, the Contractor shall possess either a Class A license or any combination of the following Class C licenses which constitutes a majority of the work: C-10, C-12."

In the Special Provisions, the "STANDARD PLANS LIST" is revised as attached.

In the Special Provisions, Section 10-1.01, "ORDER OF WORK," the second paragraph is revised as follows:

"The southbound Route 88 right-turn lane shall be open to public traffic at all times."

In the Special Provisions, Section 10-1.205, "EROSION CONTROL (TYPE D)," is added as attached.

Addendum No. 1  
Page 2  
November 10, 2005

10-SJ-12, 88-37.5, 30.6/31.0  
10-OH2004  
ACSTPH-X077(016)E

Inquiries or questions in regard to this addendum must be communicated as a bidder inquiry and must be made as noted in the NOTICE TO CONTRACTORS section of the Notice to Contractors and Special Provisions.

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the proposal.

Submit bids in the Proposal and Contract book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

Inform subcontractors and suppliers as necessary.

This office is sending this addendum by confirmed facsimile to all book holders to ensure that each receives it. A copy of this addendum is available for the contractor's use on the Internet Site:

**[http://www.dot.ca.gov/hq/esc/oe/weekly\\_ads/addendum\\_page.html](http://www.dot.ca.gov/hq/esc/oe/weekly_ads/addendum_page.html)**

If you are not a Proposal and Contract book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,

ORIGINAL SIGNED BY

REBECCA D. HARNAGEL, Chief  
Office of Plans, Specifications & Estimates  
Office Engineer

# STANDARD PLANS LIST

The Standard Plan sheets applicable to this contract include, but are not limited to those indicated below. Applicable Revised Standard Plans (RSP) and New Standard Plans (NSP) indicated below are included in the project plans as individual Standard Plan sheets.

A10A	Acronyms and Abbreviations (A-L)
A10B	Acronyms and Abbreviations (M-Z)
A10C	Symbols (Sheet 1 of 2)
A10D	Symbols (Sheet 2 of 2)
A20A	Pavement Markers and Traffic Lines, Typical Details
A20B	Pavement Markers and Traffic Lines, Typical Details
A20D	Pavement Markers and Traffic Lines, Typical Details
A24B	Pavement Markings - Arrows
A24D	Pavement Markings – Words
A24E	Pavement Markings – Words And Crosswalks
A62A	Excavation and Backfill – Miscellaneous Details
A73A	Object Markers
A73C	Delineators, Channelizers and Barricades
A77A1	Metal Beam Guard Railing – Standard Railing Section (Wood Post With Wood Block)
A77B1	Metal Beam Guard Railing – Standard Hardware
A77C1	Metal Beam Guard Railing – Wood Post and Wood Block Details
A77E1	Metal Beam Guard Railing – Typical Layouts for Embankments
A77L1	Metal Beam Railing Terminal System (Type SRT)
A77L5	Metal Beam Railing Terminal System (Type FLEAT)
T1A	Temporary Crash Cushion, Sand Filled (Unidirectional)
T1B	Temporary Crash Cushion, Sand Filled (Bidirectional)
T2	Temporary Crash Cushion, Sand Filled (Shoulder Installations)
T3	Temporary Railing (Type K)
RSP T13	Traffic Control System for Lane Closure On Two lane Conventional Highways
T59	Temporary Water Pollution Control Details (Temporary Concrete Washout Facility)
RS1	Roadside Signs, Typical Installation Details No. 1
RS2	Roadside Signs - Wood Post, Typical Installation Details No. 2
RS4	Roadside Signs, Typical Installation Details No. 4
S93	Framing Details for Framed Single Sheet Aluminum Signs, Rectangular Shape
S94	Roadside Single Sheet Aluminum Sign, Rectangular Shape
S95	Roadside Single Sheet Aluminum Sign, Diamond Shape
ES-1A	Electrical Systems (Symbols And Abbreviations)
ES-1B	Electrical Systems (Symbols And Abbreviations)
ES-1C	Electrical Systems (Symbols And Abbreviations)
ES-2A	Electrical Systems (Service Equipment)
ES-2C	Electrical Systems (Service Equipment Notes, Type III Series)
ES-2F	Electrical Systems (Service Equipment and Typical Wiring Diagram Type III – C Series)

ES-3B	Electrical Systems (Controller Cabinet Details)
ES-3C	Electrical Systems (Controller Cabinet Details)
ES-3F	Electrical Systems (Telephone Demarcation Cabinet, Type C)
ES-3G	Electrical Systems (Telephone Demarcation Cabinet, Type C Details)
ES-4A	Electrical Systems (Signal Heads And Mountings)
ES-4B	Electrical Systems (Signal Heads And Mountings)
ES-4C	Electrical Systems (Signal Heads And Mountings)
ES-4D	Electrical Systems (Signal Heads And Mountings)
ES-4E	Electrical Systems (Signal Faces And Mountings)
ES-5A	Electrical Systems (Detectors)
ES-5B	Electrical Systems (Detectors)
ES-5D	Electrical Systems (Detectors)
RSP ES-6E	Electrical Systems (Lighting Standards Type 30 and 31)
ES-6F	Electrical Systems (Lighting Standards Type 30 and 31, Base Plate Details)
ES-7B	Electrical Systems (Signal And Lighting Standards – Type 1 Standards and Equipment Numbering)
RSP ES-7D	Electrical Systems (Signal and Lighting Standards – Case 2 Arm Loading, Wind Velocity = 161 km/h, Arm Lengths 4.6 m to 9.1 m)
RSP ES-7E	Electrical Systems (Signal and Lighting Standards – Case 3 Arm Loading, Wind Velocity = 161 km/h, Arm Lengths 4.6 m to 13.7 m)
RSP ES-7F	Electrical Systems (Signal and Lighting Standards – Case 4 Arm Loading, Wind Velocity = 161 km/h, Arm Lengths 7.6 m to 13.7 m)
ES-7J	Electrical Systems (Signal and Lighting Standards – Advance Flashing Beacons)
RSP ES-7M	Electrical Systems (Signal and Lighting Standards – Details No. 1)
ES-7N	Electrical Systems (Signal and Lighting Standards – Details No. 2)
ES-7O	Electrical Systems (Sign Illumination – Internally Illumination Street Name Sign)
ES-8	Electrical Systems (Pull Box Details)
ES-10	Electrical Systems (Isolux Diagrams)
ES-11	Electrical Systems (Foundation Installations)
ES-13A	Electrical Systems (Splicing Details)
ES-13B	Electrical Systems (Wiring Details and Fuse Ratings)

### 10-1.205 EROSION CONTROL (TYPE D)

Erosion control (Type D) shall conform to the provisions in Section 20-3, "Erosion Control," of the Standard Specifications and these special provisions and shall consist of applying erosion control materials to embankment and excavation slopes and other areas disturbed by construction activities.

If the slope on which the erosion control is to be placed is finished during the rainy season as specified in "Water Pollution Control" of these special provisions, the erosion control shall be applied immediately to the slope.

Prior to installing erosion control materials, soil surface preparation shall conform to the provisions in Section 19-2.05, "Slopes," of the Standard Specifications, except that rills and gullies exceeding 50 mm in depth or width shall be leveled. Vegetative growth, temporary erosion control materials, and other debris shall be removed from areas to receive erosion control.

### MATERIALS

Materials shall conform to the provisions in Section 20-2, "Materials," of the Standard Specifications and these special provisions.

#### Seed

Seed shall conform to the provisions in Section 20-2.10, "Seed," of the Standard Specifications. Individual seed species shall be measured and mixed in the presence of the Engineer.

Seed shall be delivered to the project site in unopened separate containers with the seed tag attached. Containers without a seed tag attached will not be accepted.

A sample of approximately 30 g of seed will be taken from each seed container by the Engineer.

#### Legume Seed

Legume seed shall be pellet-inoculated or industrial-inoculated and shall conform to the following:

- A. Inoculated seed shall be inoculated in conformance with the provisions in Section 20-2.10, "Seed," of the Standard Specifications.
- B. Inoculated seed shall have a calcium carbonate coating.
- C. Industrial-inoculated seed shall be inoculated with Rhizobia and coated using an industrial process by a manufacturer whose principal business is seed coating and seed inoculation.
- D. Industrial-inoculated seed shall be sown within 180 calendar days after inoculation.
- E. Legume seed shall consist of the following:

#### LEGUME SEED

Botanical Name (Common Name)	Percent Germination (Minimum)	Kilograms Pure Live Seed Per Hectare (Slope Measurement)
Lupinus bicolor Purple-Leaved Lupine	40	2.0
Lupinus nanus Sky Lupine	30	2.0

**Non-Legume Seed**

Non-legume seed shall consist of the following:

**NON-LEGUME SEED**

Botanical Name (Common Name)	Percent Germination	Kilograms Pure Live Seed Per Hectare (Slope Measurement)
Dimorphotheca sinuata African Daisy	40	3.0
Eschscholzia californica California Poppy	40	1.0
Festuca idahoensis Idaho Fescue	40	11.0
Layia Platyglossa Tidy Tips	40	1.0
Lasthenia chrysostoma Darwf Goldfields	30	.50
Linaria maroccana Toadflax	40	.50
Melica Californica California Melic	30	3.0
Castilleja exserta Owl's Clover	30	0.25
Poa secunda (scabrella) Pine Blue Pinegrass	20	2.0
Vulpia microstachys Small Fescue	40	2.0

**Commercial Fertilizer**

Commercial fertilizer shall conform to the provisions in Section 20-2.02, "Commercial Fertilizer," of the Standard Specifications and shall have a guaranteed chemical analysis of 11 percent nitrogen, 52 percent phosphoric acid and 0percent water soluble potash.

**Stabilizing Emulsion**

Stabilizing emulsion shall conform to the provisions in Section 20-2.11, "Stabilizing Emulsion," of the Standard Specifications and these special provisions.

Stabilizing emulsion shall be in a dry powder form, may be reemulsifiable, and shall be a processed organic adhesive used as a soil tackifier.

**APPLICATION**

Erosion control materials shall be applied in separate applications in the following sequence:

- A. The following mixture in the rates indicated shall be applied with hydro-seeding equipment within 60 minutes after the seed has been added to the mixture:

Material	Kilograms Per Hectare (Slope Measurement)
Legume Seed	4.0
Non-Legume Seed	24.25
Fiber	700
Commercial Fertilizer	250

B. The following mixture in the rates indicated shall be applied with hydro-seeding equipment:

Material	Kilograms Per Hectare (Slope Measurement)
Fiber	700
Stabilizing Emulsion (Solids)	300

The ratio of total water to total stabilizing emulsion in the mixture shall be as recommended by the manufacturer. The rates of erosion control materials may be changed by the Engineer to meet field conditions.