

FOR CONTRACT NO.: 08-0P3604

INFORMATION HANDOUT

CALTRANS INFORMATION BROCHURE

**CALTRANS INFORMATION BROCHURE: PROTECTION OF THE DESERT TORTOISE
(GOPHERUS AGASSIZII) DURING LIMITED SCOPE PROJECT**

MATERIALS INFORMATION

MATERIALS ENGINEERING FIELD INVESTIGATION WORKSHEET

Caltrans
Information Brochure

Protection
Of the
DESERT TORTOISE
(Gopherus agassizii)
During
LIMITED SCOPE
PROJECTS

THE
DESERT TORTOISE
(A THREATENED SPECIES)

“IS PROTECTED BY LAW”

**ANY UNAUTHORIZED PERSON
WHO COLLECTS, HANDLES
OR DELIBERATELY MOLESTS A
TORTOISE
CAN
BE
PROSECUTED**

VIOLATIONS CAN RESULT IN

- 1) FINES UP TO \$50,000
AND/OR**
- 2) IMPRISONMENT UP TO 1 YEAR**

APPLICABLE LAWS INCLUDE:

The Federal Endangered Species Act of 1973
(16 U.S.C. 1531-1543)

and

The California Endangered Species Act

THIS BROCHURE IS INTENDED TO PROVIDE YOU WITH INFORMATION AND GUIDANCE
TO AVOID VIOLATION OF THE ENDANGERED SPECIES ACTS

RESOURCE AGENCY FORMAL CONSULTATION

Limited scope projects normally have a low risk of encountering or harming a tortoise and no "TAKE" is anticipated. Therefore, Formal Consultation between Caltrans and the U.S. Fish and Wildlife Service under Section 7 of the federal Endangered Species Act has not been undertaken for this project to authorize "TAKE" during the conduct of this project.

"TAKE" is defined as:

Harassing, Harming, Pursuing, Hunting, Shooting, Wounding, Killing, Capturing, Collecting, or attempting to engage in any such conduct. Engaging in any of these activities can place you in violation of the law.

Tortoises found within Caltrans Right of Way are not exempt from this protection.

WHAT TO DO AND NOT DO.

CHECK UNDER MOTORIZED EQUIPMENT & VEHICLES – that have been parked over night or stationary for some length of time before moving the vehicle.

CHECK AROUND MATERIAL STACKS & UNITS - that have been stored in the open before moving them.

VISUALLY CHECK AROUND THE WORK AREA – for the presence of live tortoise that may have wandered into the disturbance zone. It is not intended to divert your attention from your work tasks and create a hazard for your or others on the job, but it is good practice to utilize a few seconds and visually scan the area around you when it is safe to do so.

IF A TORTOISE IS PRESENT – stop all work activities that could harm the tortoise and contact the Resident Engineer or designated contact person, or on-site biologist to have the tortoise removed to safety. Contact your supervisor (contractor's) for direction on proceeding with work activities.

DO NOT HANDLE OR MOVE A TORTOISE – yourself. Only a qualified biologist is authorized to do so.

DO NOT RETURN A TORTOISE – to the wild that has been held in captivity. They may have been infected with a pneumonia type virus that is the cause of pneumonia infections in humans. The tortoise is highly susceptible to this virus which attacks the lungs and the tortoise has no means to cure itself. More tortoises die from pneumonia than any other cause. Symptoms of infection include runny or bubbly nose, loss of appetite and gasping for breath. Returning them to the wild increases the potential for exposure of the virus into an otherwise healthy tortoise population.

HELP MAKE THE LITTER CONTROL REQUIREMENTS ON THIS PROJECT – work by using the closeable trash containers to dispose of left over food scraps, wrappers, cans bottles, etc., or secure and remove them from the project with you when you leave the job site. The purpose of litter control is to avoid attracting Ravens which are highly efficient hunters and killers of baby tortoises.

DO NOT NEEDLESSLY VENTURE OUT OF THE DESIGNATED WORK AREA – into adjoining habitat areas unless directed to do so after the area has been approved for such activity. Doing so, disturbs habitat which is also protected under the Endangered Species Acts.

ASK YOUR SUPERVISOR - if any other environmentally related special provisions have been placed in the contract exist that you should know about. We do recommend that environmental protection measures be reiterated and discussed at on-site “tail gate” meetings with safety and other project related issues brought up by your supervisor(s).

**WE THANK YOU FOR YOUR COOPERATION
AND CARE**

IN KEEPING WITH AMERICA’S DESIRE TO PROTECT THE ENVIRONMENT

MATERIALS ENGINEERING INFORMATION HANDOUT

Date 2/24/2010

EA 08- 0P360 County SBd Route 62 PM 106.0 /120.0

Description of Work Cold in Place Recycle

EXISTING FACILITY

A. Type of Highway 2 Lane Highway

B. Intersecting Streets There are a couple intersecting streets.

C. Type and Condition of Pavement AC pavement, the pavement is distressed and all 3 stages of alligator cracking are clearly visible.

D. Shoulder backing Native material with areas of soft shoulders

E. Traffic Conditions Traffic was light, but the ratio of trucks to cars was high.

CUTS AND EMBANKMENTS

F. Soil Description The soils ranged from silty sand to coarse sand.

G. Condition of Slopes NA

CULVERTS

H. Type and Size of Culverts Did not notice any culverts.

I. Condition of Culverts Did not notice any culverts.

SAMPLING INFORMATION

Date samples were sent to Lab 2/25/2010 Depth of Samples 0.5' to 1.5'

Name and Location of Soil Samples 3 soil samples were obtained.

10-02-05 PM 108 18' Rt. of CL R-Value = 72

10-02-06 PM 113 14' Lt. of CL R-Value = 77

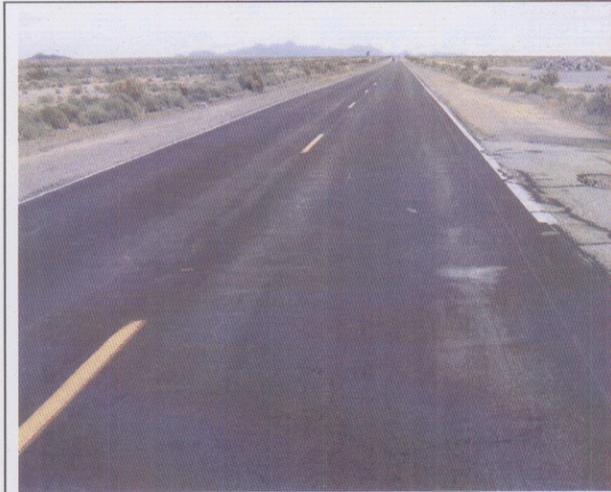
10-02-07 PM 119 19' Lt. of CL R-Value = 52

Personnel Present Edgar Arevalo, Steven Dickey & Vidal Maintenance & CHP

MATERIALS ENGINEERING INFORMATION HANDOUT

Location of Cores and Measurements		
Rte 62	Offset from CL	Minimum Core Thickness
PM 106	6' Rt. of CL	0.425'
PM 107	8' Lt. of CL	0.65'
PM 108	6' Rt. of CL	0.46'
PM 109	7' Lt. of CL	0.51'
PM 110	6' Rt. of CL	0.51'
PM 111	6' Lt. of CL	0.72'
PM 112	7' Rt. of CL	0.27'
PM 113	5' Lt. of CL	0.51'
PM 114	6.5' Rt. of CL	0.48'
PM 115	8.5' Lt. of CL	0.39'
PM 116	9' Rt. of CL	0.52'
PM 117	11' Lt. of CL	0.48'
PM 118	9' Rt. of CL	0.55'
PM 119	6.5' Lt. of CL	0.45
PM 120	5.5' Rt. of CL	0.36

MATERIALS ENGINEERING INFORMATION HANDOUT



Rte 62 PM 106 Looking East Bound



Rte 62 PM 106, 6' Rt. of CL, Core = 0.425'



Rte 62 PM 107 Looking West Bound



Rte 62 PM 107, 8' Lt. of CL, Core = 0.65'



Rte 62 PM 108 Looking West Bound



Rte 62 PM 108, 6' Rt. of CL, Core = 0.46'

MATERIALS ENGINEERING INFORMATION HANDOUT



Rte 62 PM 109 Looking West Bound



Rte 62 PM 109, 7' Lt. of CL, Core = 0.51'



Rte 62 PM 110 Looking West Bound



Rte 62 PM 110, 6' Rt. of CL, Core = 0.51'



Rte 62 PM 111 Looking West Bound

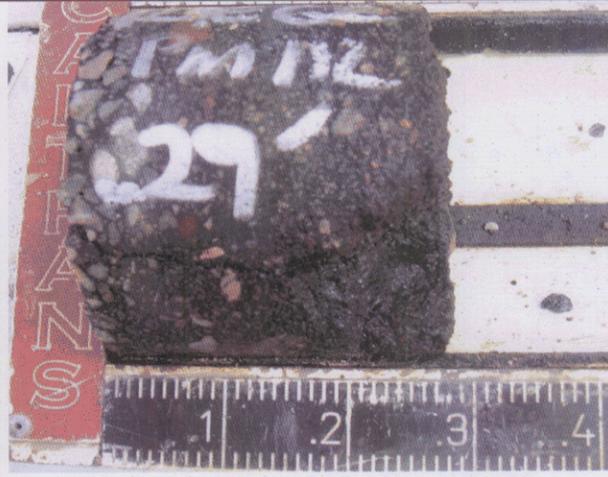


Rte 62 PM 111, 6' Lt. of CL, Core = 0.72'

MATERIALS ENGINEERING INFORMATION HANDOUT



Rte 62 PM 112 Looking West Bound



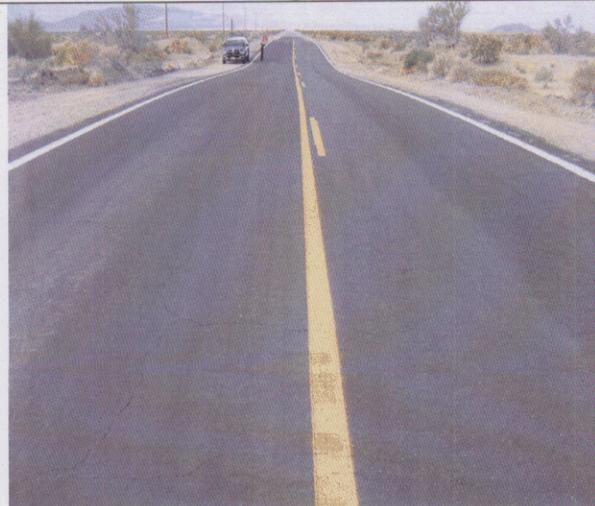
Rte 62 PM 112, 7' Rt. of CL, Core = 0.27'



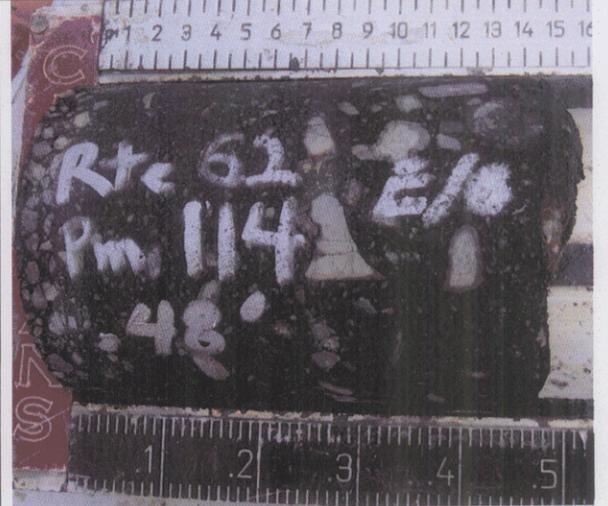
Rte 62 PM 113 Looking West Bound



Rte 62 PM 113, 5' Lt. of CL, Core = 0.51'



Rte 62 PM 114 Looking West Bound



Rte 62 PM 114, 6.5' Rt. of CL, Core = 0.48'

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Rte 62 PM 115 Looking West Bound



Rte 62 PM 115, 8.5' Lt. of CL, Core = 0.39'



Rte 62 PM 116 Looking West Bound



Rte 62 PM 116, 9' Rt. of CL, Core = 0.52'



Rte 62 PM 117 Looking West Bound



Rte 62 PM 117, 11' Lt. of CL, Core = 0.48'

MATERIALS ENGINEERING INFORMATION HANDOUT



Rte 62 PM 118 Looking West Bound



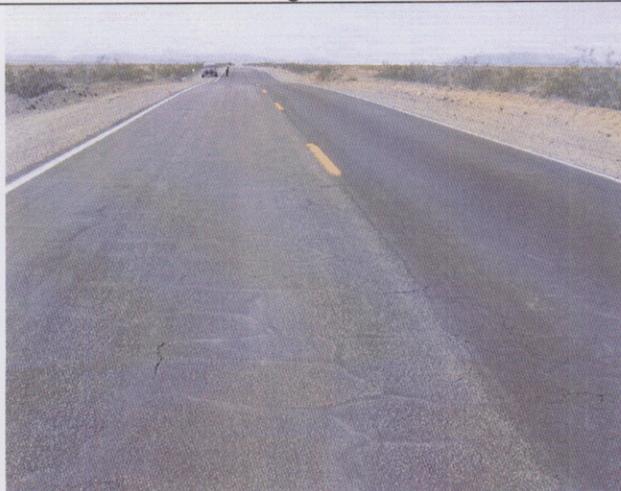
Rte 62 PM 118, 9' Rt. of CL, Core = 0.55'



Rte 62 PM 119 Looking West Bound



Rte 62 PM 119, 6.5' Lt. of CL, Core = 0.45'



Rte 62 PM 120 Looking West Bound



Rte 62 PM 120, 5.5' Rt. of CL, Core = 0.36'