

**SANTA BARBARA COUNTY  
BOARD AGENDA LETTER**



Clerk of the Board of Supervisors  
105 E. Anapamu Street, Suite 407  
Santa Barbara, CA 93101  
(805) 568-2240

**Agenda Number:**  
**Prepared on:** 06/06/01  
**Department Name:** Public Works  
**Department No.:** 054/02/02  
**Agenda Date:** 06/19/01  
**Placement:** Departmental  
**Estimate Time:** 30 min total; 15 min staff  
**Continued Item:** NO  
**If Yes, date from:**

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**TO:** Board of Supervisors

**FROM:** Phillip M. Demery, Director  
Public Works

**STAFF CONTACT:** Scott D. McGolpin - 568-3064  
Deputy Director-Transportation

**SUBJECT:** Road Maintenance Annual Plan, Fiscal Year 2001/02  
All Supervisorial Districts

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**Recommendation(s):**

That the Board of Supervisors:

- A. Adopt the FY 2001/02 Road Maintenance Annual Plan (RdMap);
- B. Consider the Third District's revisions as identified in Attachment A and provide direction accordingly;
- C. Approve the funded projects listed for Maintenance Program (County Forces) and Surface Treatment Program (Contracts) within the Road Maintenance Annual Plan;
- D. Approve Notice of Exemptions pursuant to the County's California Environmental Quality Act (CEQA) guidelines for the above; (POST)
- E. Authorize the Director of Public Works to advertise the above mentioned projects contained within the FY 2001/02 Road Maintenance Annual Plan;

**Alignment with Board Strategic Plan:**

The recommendations are primarily aligned with Goal No. 1, An efficient Government Able to Respond Effectively to the Needs of the Community.

**Executive Summary and Discussion:**

**Road Infrastructure and Summary of Needs**

The Road Maintenance Section, of the Public Works Department, is responsible for the repair and maintenance of the County transportation system. This system includes over 900 center lane miles or 1800 lane miles of roadways and their adjacent bike paths and 118 major bridge and culvert structures. The system also includes over 21,000 street trees, curb, gutter and sidewalks (including curb ramps for the physically challenged), equestrian trails and 70 traffic signals. The estimated replacement value of the taxpayers' investment is in excess of \$300 million.

In the first RdMap, the Department quantified the needs for pavement resurfacing and bridge repair and replacement. Since then, the Department has been striving to further quantify the transportation system by beginning drainage and sidewalk inventory programs. With these programs a more complete picture of the system and its needs has developed. Presently, the identified backlog of road maintenance needs is in excess of \$97 million over the next five years. This figure has decreased over last year due to additional one time non-local funding becoming available to put more County roads into a preventive maintenance cycle. Because of this backlog, the Department finds it necessary to annually set priorities for road maintenance programs and projects. The following table shows the existing unfunded backlog for each component of the infrastructure:

<i>Infrastructure Component</i>	<i>Unfunded Backlog</i>
Pavement	\$44 Million
Concrete	16 Million
Bridge Maintenance	19 Million
Drainage	18 Million
<b><i>Totals</i></b>	<b><i>\$97 Million</i></b>

### **Transportation Funding**

The Department's primary sources of annual revenue to address the repair and maintenance of the County transportation infrastructure system needs are State gas taxes and Measure "D" local sales tax. In a typical year, only the Measure "D" "Maintenance of Effort" obligation of \$851,189 is provided from the General Fund through the collection of Property Tax. This represents \$3.50 for every \$1,000 of Property Tax collected. This fiscal year your Board, through the budget process, approved an additional \$1.0 million from the County's General Fund Designations to go towards the repair and maintenance of the transportation infrastructure system. The Department proposes to distribute this additional funding to each Supervisorial District utilizing the revised Measure "D" distribution formula approved by your Board on June 6, 2000. The First, Third, Fourth & Fifth Supervisorial Districts have designated projects to their shares of this funding and the locations are located within the document before your Board for approval today. In the Second Supervisorial District a lump sum amount of funding will be shown in the RdMap with specific projects being assigned to these revenues in the near future.

With this plan the Department will apply \$2.0 million of Transportation Enhancement Act for the 21<sup>st</sup> Century (TEA21) funding to the system that was provided to the County in the last cycle of TEA21. These funds were made available for recycling and rehabilitation projects throughout our County. Roads eligible for this program must be a part of the federal-aid system and the work performed must have a life expectancy of no less than 10 years. This funding was allocated to each district based on federal-aid system need within each district in accordance with the above criteria. Those roadways included in this fiscal year's program are listed in the RdMap in the Surface Treatment Program (contract) by district.

The storms of the nineties damaged many transportation facilities throughout the unincorporated areas of Santa Barbara County. Those facilities that have been repaired were initially repaired utilizing Measure "D" revenues. As discussed above, Measure "D" is one of the County's primary sources of funding for maintenance of our transportation infrastructure system. Specifically, Measure "D" is typically utilized for preventive maintenance needs, which take the form of major contracts to outside contractors within our County. The concept of preventive maintenance promotes the principal that pavement life can be significantly extended through periodic seal coating, resurfacing and patching of the existing asphalt surfaces. The Department will receive essentially our final reimbursement funding from various federal agencies this fiscal year from the storms of the nineties. We will take this anticipated funding, as approved in the Measure "D" program of projects, and utilize it in our preventive maintenance program. This document includes approximately 115 lane miles of County roadways for a surface seal program this fiscal year, which is a slurry seal or an asphalt concrete overlay.

### **The Road Maintenance Annual Plan Process**

On June 28, 1994, your Board approved the road maintenance planning process as well as the first Public Works Road Maintenance Annual Plan (RdMap) for FY 94/95. This approval has led to the development of the draft final RdMap for FY 01/02 prepared for the County's transportation infrastructure system before your Board today for approval.

The FY 01/02 RdMap process is similar to the process used to create the prior RdMaps. The proposed planning process began with the identification of annual needs and staff preparation of preliminary project descriptions. Once the preliminary prioritized list was developed, the Department met with each Supervisor independently to inform the Board of the plan and the proposed process, then public workshops were conducted in the respective Supervisorial Districts to obtain input regarding the plan. The plan was revised based on public input and, if needed, supplemented by environmental surveys and further engineering analysis. The Department recommends that the Board approve the FY 01/02 RdMap at this time.

### **Workshops**

The workshops were noticed in various newspapers within the County and held on May 23rd, 2001, for the residents of the Fourth, Fifth and the northern half of the Third Supervisorial Districts; and May 24<sup>th</sup>, 2001, for the residents of the First, Second and southern half of the Third Supervisorial Districts. Additionally, the workshops were also noticed by direct mailing to Community Groups as well as interested individuals who contacted the Department within the past year concerning road maintenance issues.

The purpose of the workshops was to present the proposed RdMap for Fiscal Year 01/02 to the public, describe the role of the Road Maintenance Section within the Department and to receive comments and input on the proposed RdMap. It is at these meetings that the public is able to meet with Public Work's professionals within their County and explain their concerns dealing with maintenance within the road rights-of-way. At the North County Meeting, held at the Betteravia Government Center, approximately 15 people attended. The South County Meeting was held in the Santa Barbara County Administration Building and an estimated 60 people attended. In both meetings the individual concerns of the citizens were listed on Project Initiation Requests that were evaluated and prioritized by staff in the week after these meetings. The majority of the issues raised by citizens during these workshops concerned the attendees' residential street.

This year, as proposed and approved last year by your Board, the Department has recommended to each supervisor's office to utilize the additional \$1.0 million from the

County's General Fund to go towards the citizen requested repairs through the workshop process. With the Department's limited funding available for the maintenance of the Transportation Infrastructure system we must utilize our primary preventive maintenance funding, Measure "D", for the backbone of this system. The backbone is defined as the arterials, collectors and major rural roads of this County. Without these roads in a preventive maintenance classification (i.e.: requiring either a fog or slurry seal, thin or standard overlay) the majority of commuters within this County are impacted. These roads are the lifelines of the business community and without a well-maintained backbone the potential for impacts to commerce are increased. Also, a well-maintained backbone reduces the County's liability. Your Board in FY 00/01 approved this philosophy. This proposal allows the Department to maximize the limited preventive maintenance funding we receive on the backbone roads within our County. The Department has met or contacted each supervisor's office after the workshops to discuss priorities within each district. All Districts, with the exception of the Third, have agreed to utilize the General Funding available for citizens' requests from the workshops and to maximize the limited preventive maintenance funding we receive on the high volume backbone roads as described above. The Third District desires the preventive maintenance of lower volume residential roads. Public Works concurs with this desire, however with limited funding for such operations the Department believes that the backbone roads deserve higher priority in funding decisions. The table on Attachment "A" represents the Public Works recommendations and the revisions requested by the Third District.

### **Summary of RdMap FY 00/01**

In 1985, the County began monitoring the pavement component of the infrastructure using a Carter Pavement Management System. Since this time, the system has been continuously reevaluated (usually a third of the system each year). Last year the Department evaluated various pavement management systems in order to find one, which will better serve the County's needs. Through our research we have selected the Micro-Paver System to replace the Carter system. Transportation Division staff has attended training classes on this system and the Department has begun a gradual conversion to this new program. The Department is currently concluding a contract with a pavement consultant who assisted staff in the conversion process and also conducted a complete reinventory of the County's 1800 lane mile pavement system. We anticipate the full implementation of this system later this summer.

The winter of 2001 offered the County of Santa Barbara over 20 inches of rain and in some areas winds gusting above 50 miles per hour. Road Maintenance personnel throughout the County responded to 261 Storm Related Calls, and 278 Service Requests during the months of February and March. Personnel also responded to 93 After Hours Calls during the first quarter of 2001.

This past winter, though it presented problems, did not impact the road system to the degree that previous storms have. This is in part due to the efforts of the maintenance staff in their winter preparedness operations. These operations include cleaning culverts, re-establishing drainage ditches, grading slopes, and repairing previous washouts. This work was scheduled and performed in October and November of 2000, and contributed to the relative minor storm damage costs for this past winter. Approximately 1.6 million dollars in storm damage was estimated to have occurred in County Road Right-Of-Way during the 2000-2001 fiscal year.

Road Maintenance personnel were responsible for the preparation of 440 lane miles of County roadway prior to the Measure D resurfacing and the STIP Rehabilitation Projects. These preparations include street tree trimming, crack sealing, patching, and vegetation removal. County staff also applied In-House leveling of asphalt to Pardall in Isla Vista, and completed the residential area in New Cuyama. To date, 374 lane miles of approved FY 00/01 RdMap preventive maintenance work has been advertised for competitive bids or completed countywide. The remaining 66 lane miles of planned work will be advertised for contractors' bids shortly. We anticipate completion of all 440-lane miles of FY 00/01 programmed preventive maintenance work by the fall of 2001.

From July 2000 through May of 2001, Road Maintenance operations staff have received and responded to 1397 Service Requests, trimmed 3684 street trees, applied 3996 tons of asphalt, and 110,678 pounds of crack seal material.

The Lake Marie residential area of Santa Maria suffered an infestation of Irregular Pine Scale to the approximately 84 Monterey Pine trees located within County Right-of-Way. These Pines began to lose their needles and to appear stressed. Branches were reported to have begun falling, and in the interest of safety, and after much public input and direction, the Transportation Division contracted for the removal of these trees. Appropriate designated street trees were selected and replanted under this same contract in accordance with the County's Street Tree Policy.

Due to The Sheriff Department's operational needs as well as an agreement with the Airport Authority the Road Maintenance Yard located in Santa Ynez is being moved from its location at the Airport to Zaca Station Road. This move has required that Central Area staff devote resources to this relocation. It is anticipated that the Santa Ynez operations will be complete by the end of the month and normal operations will be conducted from this new facility.

**Project Approval, CEQA Determination and Authority to Advertise**

The FY 01/02 RdMap recommends the approval of the Maintenance Program (County Forces) and Surface Treatment Program (Contracts). This year's Surface Treatment Program includes both Measure "D", General Fund and TEA21 funded projects. Board of Supervisor's approval of these projects will commence the appeal period, pursuant to CEQA guidelines, Section 15062.

The Department requests that authority be granted to the Director of Public Works to advertise the funded projects listed for Surface Treatment Program (Contracts). Sealed proposals will be received at the Public Works Conference Room, County of Santa Barbara, Department of Public Works, County Engineering Building, 123 E. Anapamu Street, Santa Barbara, California on a date to be determined and will be opened publicly and read aloud.

The proposed projects listed as Storm Repair and Restoration and construction projects identified by Supervisorial District within the RdMap will require further environmental review. Projects within these categories are identified in the annual plan for reference and disclosure purposes only.

**Mandates and Service Levels:**

The current funding level for Road Maintenance purposes does not fully fund a preventive maintenance program. Prioritized preventive and corrective maintenance activities that are recommended to be funded are identified for each Supervisorial District.

**Fiscal and Facilities Impacts:**

The FY 2001/2002 RdMap projects total \$24.1 million, this amount includes \$1.0 million of General Fund Designations approved by your Board during the budget process for the repair and maintenance of the transportation infrastructure system. The projects or work identified for funding through this program are shown within the funded plan for each Supervisorial District.

**Special Instructions:**

Please forward a Minute Order approving the Recommendations to the Public Works Department, Transportation Div., attn: Cecelia Pruitt, ext. 3064.

**Attachments:** A) Changes to proposed backbone preventive maintenance program  
(Measure “D”)

**Enclosures:** 1) Road Maintenance Annual Plan for Fiscal Year 2001/2002  
2) Notice of Exemptions by Supervisorial District