DEPARTMENT: Public Works Department    By: Michael Edwards    Phone: 966-5356

RECOMMENDED ACTION AND JUSTIFICATION:

(Approved by: Yes ___ No ___)

Approve Summer 1999 Road Maintenance/Construction Program.

This summer's program continues based on direction from the Board in recent years. It includes preventative maintenance projects, pavement rehabilitation projects and new construction projects where additional outside funds can be obtained. Attachment #1 summarizes the preventative maintenance and pavement rehabilitation efforts. Routine maintenance programs are not shown, but a renewed effort towards correcting roadside drainage problems and roadside safety concerns will begin under the direction of our new Road Superintendent, Kent Woolsey. The listed projects will all be contracted out, however, much of the preparation work for this year's projects will be by our own forces.

Preventative Maintenance Projects: The first two exhibits on Attachment #1 list the affected roads and the cost. The chip seal projects are the same as those approved last year but which were later deferred in order to begin a rehabilitation program for lower-volume oiled roads. The crackfilling program continues a commitment towards preservation of pavement, with most of these roads scheduled for asphalt overlay or chip seal in the near future. This program now includes additional mileage in the larger subdivisions such as Ponderosa Basin and Lushmeadows, per Board direction.

Rehabilitation Projects: The third exhibit on Attachment #1 identifies four roads for rehabilitation. The first two are associated with the Mariposa Town Sidewalk project. A significant amount of drainage work (not shown) will also be accomplished. The second two are a continuation of lower-volume oiled road rehabilitation started last year.

New Construction Projects:

1. Ranchito Drive, PM 10.00 - 10.75, Reconstruction. This will be the first local road project to be completed using S.T.I.P. funds as allowed by SB45. This project was originally scheduled to be constructed concurrently with the Don Pedro Wastewater Treatment Plant (WWTP) rehabilitation project, which has been delayed due to extra environmental review requirements. New sewer and water pipes are to be extended under this road to serve the new WWTP site. The road and pipeline design is nearly complete. Over the winter, the road deteriorated significantly and staff is recommending that it be advanced ahead of the WWTP project. Staff will be requesting an advance of County Water Agency funds (approximately $50,000) during budget hearings, as an add-on to the existing WWTP project loan, to pay for the pipeline work. The Board should authorize this project to proceed only if there is a commitment to the Water Agency loan. Total estimated project cost is $250,000, which includes earthwork for vertical realignment to improve site distance.

2. Incline Road, Phase II Flood Damage Repair. This project is for the remainder of the road reconstruction due to the January 1997 flood. It includes additional slope protection down to Clearinghouse and a near-total reconstruction from Clearinghouse to just below the South Fork of the Merced River (near Savages Trading Post). The cost is about $2,273 million, 75% of which is funded by FEMA and 25% by OES. No County funds are required. The project has been downscoped to fit within the original cost estimates by FEMA/OES. A detailed presentation and public hearing on this project is scheduled for April 27. Affected property owners and public agencies have been notified.
The Board should only authorize the above-described program if there is a continued commitment in FY 99/00 to a General Fund contribution to the Road Fund in an amount similar to recent years. There will be a minimal carryover fund balance from FY 98/99 in the road fund for projects.

BACKGROUND AND HISTORY OF BOARD ACTIONS:

The Board has reviewed and approved similar programs in the spring in recent years. Last year the original program was later revised to address rapid deterioration in some lower-volume roads due to several wet winters followed by an El Nino winter.

The Board has also recently used its new authority to redirect S.T.I.P. funds to local road needs as allowed by SB45 and approved hiring of new engineering staff to help deliver them. Progress on the S.T.I.P. projects has been slow because of a statewide shortage of engineering which has caused recruitment difficulties. A report on this problem with possible solutions will be made soon.

LIST ALTERNATIVES AND CONSEQUENCES OF NEGATIVE ACTION:

1. Direct that other projects be substituted for the recommended projects. Delivery of alternate projects this summer would be questionable.

2. Direct that the program be cut back if there is a concern about committing General Fund or Water Agency dollars.

3. No action. Needed improvements and major maintenance on County roads would be delayed indefinitely. Costs to perform the same level of work next year could escalate dramatically.

<table>
<thead>
<tr>
<th>COSTS:</th>
<th>(X) Not Applicable</th>
<th>List the attachments and number the pages consecutively:</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td>Budgeted current FY &gt;</td>
<td>1. Atkinson to Edwards memo dated Feb. 25, 1999 (4 pgs)</td>
</tr>
<tr>
<td>B.</td>
<td>Total anticipated Costs &gt;</td>
<td></td>
</tr>
<tr>
<td>C.</td>
<td>Required additional funding &gt;</td>
<td></td>
</tr>
<tr>
<td>D.</td>
<td>Internal transfers &gt;</td>
<td></td>
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</table>

COSTS: ( ) 4/5th Vote Required

<table>
<thead>
<tr>
<th>COSTS:</th>
<th>Unanticipated revenues &gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td>Reserve for contingencies &gt;</td>
</tr>
<tr>
<td>C.</td>
<td>Source description: &gt;</td>
</tr>
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</table>

Balance in Reserve Contingencies, If Approved: $

SPECIAL INSTRUCTIONS: |
Res. No.: 9-6-01  Ord. No.: ________

Vote - Ayes: □  Noes: □

□ Absent: □  Abstained: ________

☑ Approved  □ Denied

☑ Minute Order Attached  □ No Action Necessary

The foregoing instrument is a correct copy of the original on file in this office

Date:

ATTEST:

MARGIE WILLIAMS, Clerk of the Board

By: ________________________________

Deputy

ADMINISTRATIVE OFFICER'S RECOMMENDATION:

This item on agenda as:

☑ Recommended  □ Not Recommended

☑ For Policy Determination  □ Submitted With Comment

☑ Returned for Further Action

Comment: See C.A.O. Memo

C.A.O. Initials: ____________________
March 29, 1999

TO: Board of Supervisors

FROM: Janet Hogan, County Administrative Officer

SUBJECT: Summer 1999 Road Maintenance and Construction Program Board of Supervisors Agenda of April 6, 1999

CC: Mike Edwards, Public Works Director

Public Work's staff report indicates that the Summer 1999 work program is based on a level of General Fund support comparable to the $890,398 provided in the FY 1998-99 Adopted Budget. In February of this year the Board of Supervisors conceptually agreed to commit $100,000 in General Fund dollars that would have gone to the Road Fund to cover the cost of street and parking improvements for the new library. During your review of the proposed work program, it would be important to clarify with Public Works if the amount of $790,398 is sufficient to accomplish the proposed projects included in the work program.
To: Michael D. Edwards, Public Works Director
From: Brian Atkinson, Acting Road Superintendent
Subject: 1999 Summer Road Program

Below I have listed additional comments regarding the 1999 Summer Road Program.

- Roads scheduled to be ground - check to see if there are any survey monuments in the roadway or areas to be widened

- The price quotes do not include:
  - Culverts
  - Equipment rental
  - Contracted prep work on roads
  - Striping
  - Traffic control-excluding overlays

- Lushmeadows Subdivision:
  - Meadow Lane-scheduled for crack filling
  - Clouds Rest-scheduled for crack filling

- Ponderosa Basin Subdivision:
  - Creel Road-scheduled for crack filling
  - Pilot Peak Rd-scheduled for crack filling

- Fleet shop seal we are planning for a CRF Seal

ATTACHMENT #1
## MARIPOSA COUNTY MAINTAINED ROADS
### ROAD LIST FOR 1999 CHIP SEALS

<table>
<thead>
<tr>
<th>ROAD NAME</th>
<th>LENGTH (MI)</th>
<th>POST. MILE TYPE</th>
<th>94 RATING</th>
<th>96 RATING</th>
<th>ROAD PREPARATION NOTES</th>
<th>DISTRICT</th>
<th>COST</th>
</tr>
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<tbody>
<tr>
<td>Hornitos Road</td>
<td>4.05</td>
<td>10.00-14.05</td>
<td>Asphalt</td>
<td>88-99</td>
<td>Crack filling completed 1997</td>
<td>3</td>
<td>$48,600</td>
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<tr>
<td>Hornitos Road</td>
<td>4.08</td>
<td>14.05-18.13</td>
<td>Asphalt</td>
<td>84-93</td>
<td>Crack filling completed 1997</td>
<td>3</td>
<td>$48,950</td>
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<tr>
<td>Merced Falls Road</td>
<td>5.44</td>
<td>10.00-15.44</td>
<td>Asphalt</td>
<td>93-97</td>
<td>Crack filling completed 1997</td>
<td>2</td>
<td>$65,300</td>
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<td>Merced Falls Road</td>
<td>2.05</td>
<td>16.76-18.81</td>
<td>Asphalt</td>
<td>91</td>
<td>Crack filling completed 1997</td>
<td>2</td>
<td>$24,600</td>
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<td>Ranchito Drive</td>
<td>2.92</td>
<td>11.00-13.92</td>
<td>Asphalt</td>
<td>85-91</td>
<td>Crack filling completed 1997</td>
<td>2</td>
<td>$35,000</td>
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**Total miles**: 18.54  
**Total**: $222,450
## MARIPOSA COUNTY MAINTAINED ROADS
### ROAD LIST FOR 1999 CRACK FILLING

<table>
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<tr>
<th>ROAD NAME</th>
<th>LENGTH (MI)</th>
<th>M_POST</th>
<th>M_POST</th>
<th>ADT</th>
<th>SCH BUS ROUTE</th>
<th>DISTRICT</th>
<th>TREATMENT FOR '99</th>
<th>SURFACE TREATMENT</th>
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<tr>
<td>Clouds Rest</td>
<td>1.00</td>
<td>10.00</td>
<td>11.00</td>
<td>Yes</td>
<td>5</td>
<td>Scheduled crack filling for 99</td>
<td>Overlay / Alternate</td>
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<tr>
<td>Colorado Road</td>
<td>1.00</td>
<td>10.00</td>
<td>11.00</td>
<td>Yes</td>
<td>1</td>
<td>Digouts/ditches and crack fill</td>
<td>No scheduled treatment</td>
<td></td>
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<tr>
<td>Colorado Road</td>
<td>2.02</td>
<td>12.64</td>
<td>14.66</td>
<td>550</td>
<td>Yes</td>
<td>1</td>
<td>Scheduled crack filling for 99</td>
<td>*Chip seal scheduled 2000</td>
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<td>Creel Road</td>
<td>0.70</td>
<td>10.00</td>
<td>10.70</td>
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<td>5</td>
<td>Scheduled crack filling for 99</td>
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<td>Hunters Valley Road</td>
<td>1.50</td>
<td>10.00</td>
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<td>177</td>
<td>Yes</td>
<td>2</td>
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<td>*Chip seal scheduled 2000</td>
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<tr>
<td>Meadow Lane</td>
<td>2.52</td>
<td>10.00</td>
<td>12.52</td>
<td>Yes</td>
<td>04/05</td>
<td>Scheduled crack filling for 99</td>
<td>*Chip seal scheduled 2000</td>
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<tr>
<td>Montana De Paz</td>
<td>1.21</td>
<td>NA</td>
<td>NA</td>
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<td></td>
<td>Scheduled crack filling for 99</td>
<td>Z0B Z90-06</td>
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<td>Pilot Peak Road</td>
<td>0.42</td>
<td>10.00</td>
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<td>5</td>
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<td>Overlay / Alternate</td>
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<td>Whitlock Road</td>
<td>6.12</td>
<td>14.30</td>
<td>20.42</td>
<td>841</td>
<td>Yes</td>
<td>4</td>
<td>Scheduled crack filling for 99</td>
<td>*Overlay scheduled 2000</td>
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**Total Miles** 16.49

Projected cost for 16.49 miles of crack filling is **$90,000**
<table>
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<tr>
<th>YEAR</th>
<th>MILES</th>
<th>ROAD NAME</th>
<th>POST_MILE</th>
<th>TYPE</th>
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<th>DISTRICT</th>
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<tbody>
<tr>
<td>1999</td>
<td>0.19</td>
<td>Eighth Street</td>
<td>10.00-10.19</td>
<td>Asphalt</td>
<td>85</td>
<td>Yes</td>
<td>1465</td>
<td>Project 92-38</td>
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<tr>
<td>1999</td>
<td>0.34</td>
<td>Jones Street</td>
<td>10.40-10.74</td>
<td>Asphalt</td>
<td>70</td>
<td>80</td>
<td>Yes</td>
<td>696</td>
<td>Project 92-38</td>
<td>4</td>
<td>$50,590</td>
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<tr>
<td>1999</td>
<td>1.00</td>
<td>Jerseylade Road</td>
<td>11-12</td>
<td>Asphlt/Oil</td>
<td>67</td>
<td>55</td>
<td>Yes</td>
<td>502</td>
<td>Grind and shape/base rock</td>
<td>1</td>
<td>$102,050</td>
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<tr>
<td>1999</td>
<td>1.00</td>
<td>Indian Peak Road</td>
<td>14.33-15.33</td>
<td>Asphlt/Oil</td>
<td>40</td>
<td>Yes</td>
<td>335</td>
<td>Rip surface shape/base rock</td>
<td>5</td>
<td>$95,500</td>
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</table>

**Total** | 2.53 | Miles                  | **Total** | 2.53 | Miles                  | **Total** | 277,290 |

**Note:** Above cost total includes the following:
1. Grinding the existing road surface
2. Adding 4" of base rock
3. New 2" thick asphalt concrete mat
4. Traffic control
TO: MIKE EDWARDS, Public Works Director

FROM: MARGIE WILLIAMS, Clerk of the Board

SUBJECT: Summer 1999 Road Maintenance/Construction Program; Res. 99-111

THE BOARD OF SUPERVISORS OF MARIPOSA COUNTY, CALIFORNIA,

ADOPTED THIS Order on April 6, 1999

ACTION AND VOTE:

10:14 a.m. Mike Edwards, Public Works Director;
A) Resolution Approving Summer 1999 Road Maintenance/Construction Program

BOARD ACTION: Discussion was held, and Mike Edwards advised that he will come back with identified funding mechanisms for the projects where necessary. (M)Balmain, (S)Reilly, Res. 99-111 adopted/Ayes: Reilly, Balmain, Stewart, Parker; Excused: Pickard. Discussion was held relative to the status of repairs on the roads following the work being done by the telephone company, and Mike Edwards advised that they expect the roads to be put back in at least the same condition. He also advised that the program anticipates funding for the road improvements with the construction of the new County library.

cc: File