



**MEMORANDUM**  
**DEPARTMENT OF PUBLIC WORKS**  
**AND FACILITIES**  
**ROAD MAINTENANCE DIVISION**  
County of Placer

TO: Board of Supervisors

DATE: April 5, 2016

FROM: Ken Grehm, Director of Public Works and Facilities  
By: Kevin Taber, Engineering Manager

SUBJECT: Road Maintenance / Approve Plans and Specifications / 2016 Roadway Surface Treatment Projects

---

**ACTION REQUESTED**

Approve project specifications for the Roadway Surface Treatment project, Summer 2016, Contract 0940, estimated to cost \$2,500,000 and authorize the Department of Public Works and Facilities to advertise for bids, and;

Approve project specifications for the Hot Mix Asphalt Overlay project, Summer 2016, Contract 0941 project estimated to cost \$2,800,000 and authorize the Department of Public Works and Facilities to advertise for bids.

**BACKGROUND**

The Department of Public Works performs various surface treatments on maintained public roadways to protect, preserve, and extend their useful lives. The selection of roads for surface treatment is typically a function of the road condition, traffic volumes, and funding. Your Board approved funding for various surface treatments in the 2015-2016 fiscal year utilizing Road Funds, County Service Area (CSA) funds and General Funds. Approximately 73 miles of roadway are included in this year's project.

Contract 0940, the resurfacing project, will consist of three different types of surface treatments: Type 2 Microsurfacing (12.4 miles); Cape Seal (17.0 miles), and Chip Seal (37.2 miles). A cape seal is a microsurface seal placed over chip seal. These road resurfacing processes provide a new wearing surface, some crack filling, pavement rejuvenation, and sealing. The construction requires special equipment to place the chip or microsurfacing seal on the roadway.

Contract 0941, the overlay project, includes the placement of hot mix asphalt overlay on approximately 6 miles of road in eastern and western portions of the County.

Attached is a list of roads for both projects. Roads and limits may change depending on bid prices, which are subject to the volatility of the current oil market. Construction is anticipated between June and September 2016.

**ENVIRONMENTAL IMPACT**

This project is Categorically Exempt from the provisions of CEQA as a Class I exemption, Section 15301 (c) "Maintenance of Existing Facilities".

**FISCAL IMPACT**

The total cost of the two projects is estimated to be \$5,300,000. This cost is budgeted in the FY 2015-16 Final Budget in the Department of Public Works and Facilities, Engineering Division (appropriation 11320), Summer 2016 Surface Treatment, Project #3004 (\$4,811,669 Road Fund), and Project Contingency, Project #3003 (\$1,000,000 General Fund). These are one-time projects that are a part the Department's road maintenance and resurfacing efforts. As additional funding becomes available, future projects will be constructed depending on the amount of that funding.

**ATTACHMENTS**

List of Roads

Project Plans and Specifications are on file with Clerk of the Board

T:\DPW\ROAD MAINTENANCE\BoS Memos\2016 Surface Treatments\BOS to Advertise Surf Trt 2016 0940 0941.docx

**2016 HOT MIX ASPHALT OVERLAY - 0941**

Surface Treatment	Street Name	Length
OVERLAY	ANTELOPE RD N	1825
OVERLAY	PFE	2300
OVERLAY	SIERRA COLLEGE BLVD	5000
OVERLAY	CREEKSIDE PL	474
OVERLAY	NORTHPARK PL	418
OVERLAY	PARKWAY DR	105
OVERLAY	PARKWAY PL	244
OVERLAY	SOUTHPARK PL	425
OVERLAY	TODD VALLEY RD	5268
OVERLAY	BALSAM LN	577
OVERLAY	CHINQUAPIN LN	1407
OVERLAY	KENT AV	970
OVERLAY	PINELAND DR	3189
OVERLAY	SUNNYSIDE LN	1684
OVERLAY	TAMARACK LN	1808
OVERLAY	TWIN PEAKS DR	1156
OVERLAY	WARD AVE	2735
OVERLAY	WARD CREEK BLVD	2350
		31,935
		6.0 Miles

**2016 ROADWAY SURFACE TREATMENT - 0940**

**MICROSURFACE ROADS**

Surface Treatment	Street Name	Length
MICRO	ATWOOD RD	8,261
MICRO	BAYWOOD CT	966
MICRO	BELLWOOD CT	1,309
MICRO	BLUE RIDGE CT	506
MICRO	CEDAR MIST LN	340
MICRO	DRY CREEK RD	20,717
MICRO	EAGLE RIDGE RD	2,601
MICRO	FERNWOOD CT	871
MICRO	GREENSTONE CT	779
MICRO	LONGRIDGE CT	2,533
MICRO	MORNING MIST LN	701
MICRO	MT VERNON RD	14,615
MICRO	OAK MIST LN	1,217
MICRO	PARKWAY DR	1,466
MICRO	REDWOOD CT	772
MICRO	REDWOOD DR	1,373
MICRO	VINEYARD RD	6,637
		65,664
		12.4 Miles

**CAPE SEAL ROADS**

Surface Treatment	Street Name	Length
CAPE	ACORN CT	400

CAPE	ACORN RD	2126
CAPE	ALPINE WY	1900
CAPE	ARROWHEAD CT	581
CAPE	BAXTER DR	400
CAPE	BIG OAK DR	952
CAPE	BLACKWOOD LN	1300
CAPE	BLUFF DR	789
CAPE	BRADLEY WY	1139
CAPE	BUTTONWOOD CT	651
CAPE	CAROL LN	1415
CAPE	CASCADE RD	3519
CAPE	CEDAR VIEW CT	1548
CAPE	CEDAR VIEW DR	1651
CAPE	CENTRAL AV	8539
CAPE	CLEAR CREEK CT	666
CAPE	CRESTLINE DR	4417
CAPE	DAHLBERG CT	1558
CAPE	DALY CT	408
CAPE	EAST DR	1065
CAPE	ELEVENTH ST	1238
CAPE	F ST	1354
CAPE	FAIRVIEW CT	880
CAPE	FROSTY WY	292
CAPE	GALENA DR	1420
CAPE	GARNET WY	1429
CAPE	GLEN DR	2761
CAPE	GREEN OAK CT	806
CAPE	H ST	1875
CAPE	HAPPY PINES CT	507
CAPE	HEMLOCK DR	2431
CAPE	HICKORY LN	450
CAPE	HILLARY DR	638
CAPE	HILLCREST CT	453
CAPE	HILLSIDE DR	3902
CAPE	IVYWOOD CT	766
CAPE	KENWOOD WY	2383
CAPE	KIDD CT	404
CAPE	KILBORN DR	866
CAPE	LODE STONE CT	399
CAPE	McKEON PONDEROSA WY	1881
CAPE	MILNES AV	1068
CAPE	MOCKINGBIRD CT	861
CAPE	MUIR CT	532
CAPE	MUIRWOOD LN	2650
CAPE	NASH CT	492
CAPE	NINTH ST	458

CAPE	OAK AV	1070
CAPE	OPAL DR	428
CAPE	OVERMILLER DR	746
CAPE	PARAGON CT	180
CAPE	PARK DR	1405
CAPE	PARKWOOD CT	473
CAPE	QUARTZ DR	1807
CAPE	RED FIR CT	520
CAPE	RED ROCK DR	1662
CAPE	RIM ROCK CT	1590
CAPE	SAPPHIRE DR	1306
CAPE	SHORT RD	277
CAPE	SPRUCE RD	1077
CAPE	TAMARACK WY	2653
CAPE	TENTH ST	2858
CAPE	TOWN CT	1428
CAPE	TWELFTH ST	1339
CAPE	VIRGINIA BIRD MINE CT	472
CAPE	WHITE OAK CT	265

89,776	17.0 Miles
--------	------------

**CHIP SEAL ROADS**

Surface Treatment	Street Name	Length
CHIP	ANDRESSEN RD	9024
CHIP	BLUE GRASS DR	4185
CHIP	CAMP FAR WEST RD	27510
CHIP	DALBEY RD	8941
CHIP	DORNES RD	6606
CHIP	FLORENCE LN	3686
CHIP	HELEN LN	3156
CHIP	KARCHNER RD	27459
CHIP	KELSO CT	371
CHIP	MEADOWLARK LN	3136
CHIP	MOSS ROCK DR	8655
CHIP	MT VERNON RD	28995
CHIP	PORTER RD	2650
CHIP	RANCH HOUSE RD	4186
CHIP	RED ROCK CT	1319
CHIP	RIOS A RD	23705
CHIP	RIVA RIDGE CR	3772
CHIP	ROLLING HILLS RD	2549
CHIP	SHANNON LN	1321
CHIP	SKYVIEW DR	2935
CHIP	STANLEY DR	5362
CHIP	THOUSAND OAKS DR	10572
CHIP	VIRGINIA DR	2896
CHIP	WASATCH DR	3176

196,167	37.2	Miles
---------	------	-------

72.6

