



costs associated with preparing this agenda item are nominal and absorbed by the department's FY2018/19 Adopted Budget.

### **DISCUSSION:**

The project work to be undertaken this construction season includes a mix of intersection improvements, shoulder and pavement improvements, guardrail repairs, as well as basic pavement maintenance. The projects are primarily funded with Gas Tax/SB 1 funds, with the exception of Farm to Market Phase 3 which is funded with federal Surface Transportation Program funds.

Descriptions of the individual projects are as follows:

#### Asphalt Rubber Chip Seal Project 2019

The project will place asphalt rubber chip seals and microsurfacing seals over the distressed pavements at various locations in the County. The asphalt rubber chip seals incorporate recycled tire rubber into the oils which improves long term durability as well as improved resistance to reflective cracking. The Microsurfacing will be placed over the chip seals to retain the aggregates, extend life cycle, and provide a smoother surface. General locations for these seals include Green Valley, north and east of Dixon, Elmira, Suisun Valley, and English Hills.

#### Azevedo/Campbell Road Improvement Project

Both project roads currently exist as gravel roads that have increased maintenance costs due to recent traffic loading. The project will widen the shoulders and improve the road surfaces of these roads with double chip seals.

#### Farm to Market Project Phase 3

The project will widen the shoulders and improve the road surfaces to accommodate increased traffic, including pedestrians and cyclists. Road sections to be improved include:

1. Abernathy Road will have shoulder widening and microsurfacing seal from Mankas Corners Road to Rockville Road;
2. Mankas Corners Road will have shoulder widening and microsurfacing seal from Abernathy Road to City of Fairfield;
3. Rockville Road will have shoulder widening and asphalt concrete overlay from Suisun Valley Road to Abernathy Road; and,
4. Suisun Valley Road will have shoulder widening and microsurfacing seal from Ledgewood Road to Rockville Road.

#### Farrell Road Intersection Improvement Project

The project will reconstruct the intersection of Farrell Road as it ties into Gibson Canyon Road, from the current "Y" geometry to a standard "T" intersection. Work will include filling to improve the grade connection of Farrell Road to Gibson Canyon Road, minor retaining wall construction, asphalt concrete paving, signing, and striping.

#### Guardrail Repair Project 2019

The project will repair previously damaged guardrail at 15 locations throughout the County. Lightly damaged rail is replaced with materials in-kind, while heavily damaged guardrail is generally replaced with all new rail systems. DRM receives some funding reimbursement from insurance companies where accident reports are generated for identification of the responsible parties.

#### On-Call Guardrail Repair Project

The project will rehabilitate and replace guardrail at various locations that have been damaged from traffic accidents. DRM receives some funding reimbursement from insurance companies where accident reports are generated for identification of the responsible parties. On-call services will provide the County improved

turnaround time for guardrail replacement after designs are complete.

On-Call Lighting/Signal Repair Project

The project will repair/replace street lights and re-light intersection signal lights at locations of lighting failures. On-call services will reduce the remedial timeline from initial notice to final repair.

These projects are included in the latest Public Works Capital Improvement Plan approved by the Board.

**ALTERNATIVES:**

The Board may choose not to authorize the award or execution of contracts for these projects. This is not recommended, as the contracts are necessary to propel and complete the projects anticipated in the Capital Improvement Plan.

**OTHER AGENCY INVOLVEMENT:**

County Counsel has reviewed and approved this item, as to form, and will review and approve the contracts prior to execution.

**CAO RECOMMENDATION:**

APPROVE DEPARTMENTAL RECOMMENDATION