

Highway Projects – SCTA Staff Update including CALTRANS SHOPP REPORT

October 14, 2019

Highway 101

1. North B-Airport Interchange and Windsor Sound Walls Project

R/W

- County parcel acquired west of the freeway adjoining Mark West Creek is being converted from fee to Highway easement. Final document pending Board of Supervisors action in 2019.
- Final right of way mapping completed, Record of Survey recorded.

Permits/Mitigation

- Monitoring and reporting of mitigation planting:
 - On site will continue through 2019. Water Board has approved native coyote brush to meet survival criteria.
 - Off site will continue through 2021. Working with resource agencies on corrective measures at Cresta due to fire damage.

Project Closeout

- Caltrans accepted the construction contract on August 3, 2015.

2. LANDSCAPING - North B - Airport Interchange

- Three year plant establishment to be completed by December 2020.

3. Central A (HOV lanes)

- Construction complete with project closeout pending North Coast Regional Water Quality Control Board enforcement action.

4. Central C (Old Redwood Hwy I/C)

Project Close Out

- Final right of way mapping funded at February 2019 SCTA Board meeting. Scheduled completion June 2020.

5. MSN B-2 (Petaluma River Bridge and Petaluma Blvd. South interchange)

Project Close Out

- Project accepted in June 2017 and close out activities through 2020.
- July 2019, Board acted to transfer funding from Construction Capital to Right of Way Support, fully funding completion of parcel acquisition and utilities relocation documents.

6. MSN C-2 (Central Petaluma HOV lanes)

Right of Way

- Demolition Contract scheduled completion is the end of the year.
- PG&E gas relocation complete.

Construction

- Actual Bid Dates:
 - Advertise: April 8, 2019
 - Bids Open: ~~May 29, 2019~~ – Due to Addendums June 12, 2019
 - Award: ~~June 2019~~ Due to bid protests August 8, 2019
 - Approve: ~~July 2019~~ September 17, 2019
 - Start: ~~August 2019~~ October 8, 2019
- Carpool lanes plan to be opened by the end of 2022.
- Sound walls are a first order of work. Sound walls scheduled to be completed by the end of 2020.
- SMART multiuse path (MUP) in Petaluma between Payran Street and Southpoint Boulevard will require path closure for demolition of existing bridge and construction of new bridge over railroad. Closure schedule pending contractor's schedule and SMART issuing a Right of Entry. No closures are expected until Spring of 2020.

7. MSN B-3 (San Antonio Creek Bridge at Sonoma/Marin County Line)

Construction

- Bike route under the new Highway 101 San Antonio Creek Bridge opened on August 30, 2019.
- Contractor working on final punch list items, project near acceptance.

8. MSN – B2 Phase 2 - Sonoma Median Widening

Scope of the project will open over 4 miles of the carpool lane (south of San Antonio Creek to north of Lakeville interchange).

Construction

- Open Carpool lanes by the end of 2019.
- Concrete Barrier work is underway.
- Final lift(s) of paving scheduled in June 2020, but not expected to delay opening of Carpool lanes.

9. LANDSCAPING - MSN B2 (Northwest quadrant of the Petaluma Blvd. South Interchange), MSN C3 (Northeast quadrant of the Lakeville Hwy 116 Interchange and Sound Wall Ivy) and Hwy 12-to Steel Lane

Construction

- Planting completed in late 2017.
- Plant establishment will go through 2020.

10. State Route 37 Corridor Protection and Enhancement Project

- Four North Bay counties Policy Committee established November 2015
- Memorandum of Understanding with the Bay Area Toll Authority (BATA), Caltrans and four North Bay Counties regarding the Resilient State Route 37 Program established February 2019.
- SCTA now hosting Policy meetings and Drew Nichols is the Clerk of the Policy Committee.
- June 4, 2019 Policy Committee Meeting included:
 - Bay Area Regional Collaborative (BARC) – San Pablo Bay Active Transportation Access Study
 - Water Transit Study by STA
 - Ride Amigos and Travel Demand Management by STA
 - Passenger Rail Study Novato to Suisun City by SMART
 - Caltrans Report Segment A1 (Marin Only) Environmental Document funding scheduled this month at the CTC and AB 1282 Permitting Task Force (AB1282) update.

- TAM Report - Segment A1 Planning between Hwy 101 and Petaluma River.
- MTC Report Segment A1 and A2 Planning Grant Award between Hwy 101 and Hwy 121.
- Future Policy Meeting Schedule:
 - ~~9:30AM, September 5, 2019~~ Canceled
 - 9:30AM, December 5, 2019
 - 9:30AM, March 5, 2020 - Proposed
- Future Policy Meeting Topics:
 - Segment A Planning Coordination
 - Segment B Interim Delivery Update
 - AA for the Bay – Restoration Projects in San Pablo Bay
 - US Fish and Wildlife Land Manager presentation on Wildlife Refuge.
 - MTC/Caltrans -Ultimate Environmental Phase
- Funding Update (June Actions): BATA budgeted \$8 million in FY 19/20 for work including CEQA/NEPA for the interim congestion solution and Caltrans received \$10 million for CEQA/NEPA work on the ultimate solution in Marin.
- Selected for FHWA Environmental Excellence Award (see letter attached). Our holistic program, proactive approach and “integrate, not mitigate” strategies made the project stand out.
https://www.fhwa.dot.gov/environment/environmental_excellence_awards/eea_2019/
- Caltrans is proactively performing night work in Marin preparing the highway for possible winter storms and king tides.

Final Corridor plan dated June 2018 with technical revisions to Exhibit 12 Environmental Resources and Exhibit 18A Bicycle / Pedestrian Access is now available at:

http://scta.ca.gov/wp-content/uploads/2018/06/SR-37-Corridor-Plan_Final_June2018_wAppendices.pdf

Project Web site: <http://scta.ca.gov/projects/highway37/>

Project Facebook: <https://www.facebook.com/route37/>

11. Highway 116/121 Intersection Improvements

Environmental

- Project Approval and completion of the Environmental Documentation (PAED) was April 13, 2018. The final environmental document is posted on-line on the Caltrans website and the SCTA webpage has a link: <http://www.dot.ca.gov/d4/documents-environmental/116-121intersection/sr116-121-is-ea-admin-fed-vol-1-master-04062018-clean.pdf>
- A roundabout is the preferred alternative.
- A revalidation of the Environmental Document was completed in September.

DESIGN (PS&E)

- The Board approved a contract for Parsons to complete the Plans Specifications and Estimates (PSE or DESIGN) phase of the project in June 2017. Parsons has received comments on the 65% plans and has targeted October 2019 to submit 95% plans to Caltrans. Parsons, SCTA staff and Caltrans met with County Transportation and Public Works Department to initiate the maintenance agreement process. The County has tentatively agreed to maintain the center of the roundabout and the sidewalks/pedestrian facilities and lighting. Further details will be resolved in on-going cooperative meetings prior to signing of the maintenance agreement. Caltrans expects to provide a draft maintenance agreement to the County this month. Constructability reviews were completed in December 2018 and January 2019. The next Project Development Team (PDT) meeting is scheduled for November 6, 2019.

Right of Way

- In June of 2017 SCTA entered into a cooperative agreement with Caltrans to complete the R/W Phase. Appraisals are being completed and outreach to property owners has begun.

Construction

Caltrans notified SCTA staff that the Department has listed this project as a candidate for funding in the DRAFT 2020 State Highway Operation and Protection Program (SHOPP) for \$19M. The funding would become available in Fiscal Year

22/23 if the project is listed in the final SHOPP list scheduled to be approved by the California Transportation Commission (CTC) in March of 2020. SCTA sent a support letter to state Senator Dodd last month.

ROUNDBABOUT 101



12. Hearn Avenue Interchange Improvements

PAED (Environmental) was completed in December 2016.

DESIGN (PS&E) The City of Santa Rosa selected AECOM as the consultant and is actively working on completion of the Design Phase. AECOM submitted the 100% Plans Specifications and Estimate Documents to Caltrans in July 2019. Both a constructability and management review were completed in October and December 2018 and no unplanned issues arose from the review. Right of Way acquisition with willing sellers is progressing. The next PDT meeting is scheduled for November 6, 2019.

State Highway Operation and Protection Program (SHOPP) rehabilitates or replaces existing infrastructure including pavement, bridges, culverts, Traffic Management Systems, and other roadside elements. These projects are funded from SHOPP in 4-year period and updated every two years. Current 2018 SHOPP cycle is from Fiscal Year 2018- 2022. Below is the list of SHOPP funded projects in the current SHOPP cycle (2018-2022) or planned to be included in future SHOPP cycles.

Link to County and Routes: <https://postmile.dot.ca.gov>

PROJECT INITIATION DOCUMENT

EA 2Q420

Son 116-19.90/33.40

Scope: IN SONOMA COUNTY, AT JONES CREEK, BLUCHER CREEK, AND GOSSAGE CREEK OVERFLOW ALONG SR-116; BRIDGE RAIL UPGRADE

Status: PID completed 6/28/19; 2020 SHOPP candidate

EA 3Q640

Son 116- 22.130/22.130

Scope: STATE ROUTE 116 AT GREEN VALLEY ROAD, NEAR GRATON, NORTHWEST OF CITY OF SEBASTOPOL, IN SONOMA COUNTY; INSTALL SIGNALS/ROUNDAABOUT

Status: PID in progress; Target completion 12/20/19

EA 2Q770

SON-116-38.72

Scope: INSTALL SIGNALS/ROUNDAABOUT AT INTERSECTION OF STAGE GULCH ROAD AND LAKEVILLE ROAD

Status: PID in progress; Target completion 10/31/19

EA 2Q780

SON-12-19.83

Scope: INSTALL SIGNALS/ROUNDAABOUT AT INTERSECTION OF SR-12 AND S. BOAS DRIVE

Status: PID proposed; Target completion 12/30/19

EA 1Q340

SON-001-19.2/21.8

Scope: DRAINAGE SYSTEM RESTORATION FROM GOAT ROCK ROAD TO BURKE AVENUE

Status: PID completed 6/28/2019; 2020 SHOPP candidate

EA 4J810

SON-12-24.2/32.3

Scope: WIDEN SHOULDERS AND INSTALL SHOULDER RUMBLE STRIPS IN KENWOOD AND GLEN ELLEN FROM 0.26 MILE EAST OF ADOBE CANYON ROAD TO 0.24 MILE WEST OF MADRONE ROAD

Status: PID Approved: 7/18/17; Will be split into smaller projects to get funded; project downscope for limits and new PID under EA 4Q830 will be prepared.

PID (Project Initiation Document)

PAED (Project Approval/ Environmental Document)

RWC (Right of Way Certification)

ADV (Advertise Contract)

EA (Project Number)

Document

RTL (Ready to List)

BO (Bid Open)

SON- ## - ## (County-Route-Postmile)

PSE (Plans, Specifications, and Estimate)

CCA (Construction Contract Acceptance)

AWD (Award Contract)

EA 4Q830

SON-12-27.83/31.667

Scope: On Highway 12 from Kenwood Inn & Spa (PM 27.83) in Kenwood to 0.125 mile W. of Babb Road (PM 31.667) in Glen Ellen Community: Widening the shoulder to standard 8' to provide shoulder and centerline rumble strips.

Status: PID in progress. Target completion 12/10/19

EA 1K720

SON-1-1.0/28.7

Scope: REHABILITATE CULVERT FROM 0.9 MILE NORTH OF VALLEY FORD TO JEWELL GULCH

Status: PID approved 11/16/18; 2020 SHOPP candidate

EA 1K760

SON-1-45.4/45.4

Scope: REHABILITATE CULVERTS 2.7 MILE SOUTH OF SKAGGS SPRINGS ROAD

Status: PID approved 8/8/17; 2020 SHOPP candidate

EA 2K360

SON-101-9.5

Scope: STORM DAMAGE REPAIR -SOLDIER PILE WALL EAST OF OLD MONTE RIO RD

Status: PID completed 6/28/19; will be amended into the 2018 SHOPP

EA 4G780

SON-1-0/58.36

Scope: INSTALL CENTERLINE AND SHOULDER RUMBLE STRIPS FROM MARIN/SONOMA COUNTY LINE TO SONOMA/MENDOCINO COUNTY LINE

Status: PID in progress; Target completion 12/30/19

EA 1Q250

SON-1-24.5/24.6

Scope: BRIDGE RAIL REPLACEMENT/UPGRADE – RUSSIAN GULCH

Status: PID completed 6/28/2019; future SHOPP cycle candidate

EA 1Q650

SON-101-24.86/25.0

Scope: BRIDGE RAIL REPLACEMENT/UPGRADE – RIVER ROAD

Status: PID on hold; Pushed to 2022 SHOPP cycle

EA 0P870

SON-116-30.1/30.5

Scope: INSTALL TRAFFIC SIGNAL OR ROUNDABOUT AT LONE PINE RD/ MT VERNON RD

Status: PID on hold; recalculating safety index.

EA 0Q880

SON-116-27.9/34.1

Scope: PAVEMENT REHABILITATION BETWEEN SEBASTOPOL AND WEST OF COTATI

Status: Pushed to future SHOPP cycle.

PID (Project Initiation Document)

PAED (Project Approval/ Environmental Document)

RWC (Right of Way Certification)

ADV (Advertise Contract)

EA (Project Number)

PAED (Project Approval/ Environmental Document)

RTL (Ready to List)

BO (Bid Open)

SON- ## - ## (County-Route-Postmile)

PSE (Plans, Specifications, and Estimate)

CCA (Construction Contract Acceptance)

AWD (Award Contract)

Caltrans SHOPP Report

October 2019

EA 1Q700

SON-101-22.8/32.79

Scope: BRIDGE RAIL REPLACEMENT/UPGRADE – MENDOCINO AVE, SHILOH RD, LIMERICK LN

Status: PID completed 3/1/19; 2020 SHOPP candidate

EA 1Q480

SON-37-3.78/4.0 & SON 121-0.0/0.15

Scope: CONSTRUCT ROUNDABOUT AT INTERSECTION OF SR-37 AND SR-121

Status: PID completed 6/28/19; 2020 SHOPP candidate

EA 2Q200

SON-37-3.92/4.12

Scope: EXTEND 2-LANE SECTION ON EASTBOUND SR-37 AND IMPROVEMENT OF RAILROAD CROSSING FROM SR-37/121 INTERSECTION TO 1000 FEET PAST TOLAY CREEK BRIDGE

Status: PID completed 6/28/19; 2020 SHOPP candidate

EA 2Q440

SON-121-6.52/8.43

Scope: AT PM 6.52 YELLOW CREEK BR#20-0021 AND AT PM 8.43 ARROYO SECO Br#20-0023 BRIDGE RAIL REPLACEMENT

Status: PID completed 6/28/19; 2020 SHOPP candidate

PID (Project Initiation Document)

PAED (Project Approval/ Environmental Document)

RWC (Right of Way Certification)

ADV (Advertise Contract)

EA (Project Number)

PAED (Project Approval/ Environmental Document)

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SON- ## - ## (County-Route-Postmile)

PSE (Plans, Specifications, and Estimate)

CCA (Construction Contract Acceptance)

AWD (Award Contract)

ENVIRONMENTAL

EA 2K350

SON-101-55.5

Scope: STORM DAMAGE REPAIR -SOLDIER PILE WALL NEAR CLOVERDALE 2 MILES NORTH OF ROUTE 128 JUNCTION

Schedule: PAED: 6/1/2020 PS&E: 5/1/2021 RWC: 7/1/2021 RTL: 9/1/2021 CCA: 3/9/2022

EA 2K330

SON-101-38.7 & 41.37

Scope: STORM DAMAGE REPAIR AT LYTTON SPRINGS AND GEYSERVILLE AVE

Schedule: PAED: 1/15/2021 PS&E: 4/15/2022 RWC: 7/15/2022 RTL: 12/8/2021 CCA: 12/31/23

EA 4J460

SON-116-11.8/12.2

Scope: UPGRADE CURB RAMPS AND SIDEWALK TO ADA STANDARDS IN GUERNEVILLE

Cost Estimate: \$ 2,990 K Construction Capital

Schedule: PAED: 2/1/2020 PS&E: 4/14/2022 RWC: 1/26/2022 RTL: 5/2/2022 CCA: 11/14/2022

EA 0J300

SON-1-26.7/26.9

Scope: STORM DAMAGE REPAIR- SOLDIER PILE WALL NORTH OF MEYERS RD

Cost Estimate: \$ 13,856 K Construction Capital

Schedule: PAED: 4/15/2020 PS&E: 1/22/2020 RWC: 9/15/2020 RTL: 12/15/2020 CCA: 12/16/2022

EA 2K240

SON-101-16.5/19.0 & MRN-101-15.57

Scope: REPLACE BRIDGE RAILS – SONOMA COUNTY TODD RD, BAKER AVE; MARIN COUNTY MILLER RD

Cost Estimate: \$ 4,343 K Construction Capital

Schedule: PAED: 9/23/19 PS&E: 6/9/2021 RWC: 8/12/2021 RTL: 9/1/2021 CCA: 3/1/2023

EA 0K130

SON-12 & 116/ MRN-1&13/ NAP-29

Scope: INSTALL HYBRID BEACONS, STOP AND YIELD LINES, CROSSWALKS AND BULBOUTS, AND UPGRADE CURB RAMPS TO ENHANCE PEDESTRIAN SAFETY.

Cost Estimate: \$ 2,777 K Construction Capital

Schedule: PAED: 5/1/2020 PS&E: 9/17/2021 RWC: 4/27/2020 RTL: 1/2/2022 CCA: 2/28/2024

EA 0K520

SON-12-11.0/17.4

Scope: PAVEMENT REHABILITATION, UPGRADE CURB RAMPS FROM LLANO RD TO FARMERS LANE

Cost Estimate: \$ 27,681 K Construction Capital

Schedule: PAED: 4/1/2020 PS&E: 5/1/2021 RWC: 5/1/2021 RTL: 12/1/2021 CCA: 3/20/2024

EA 1K730

SON-1-30.8/40.5

Scope: REHABILITATE CULVERT FROM MILL GULCH TO SOUTH OF MILLER CREEK

Schedule: PAED: 10/15/2020 PS&E: 3/1/2022 RWC: 6/15/2022 RTL: 6/1/2022 CCA: 12/31/2023

PID (Project Initiation Document)
PAED (Project Approval/ Environmental Document)
RWC (Right of Way Certification)
ADV (Advertise Contract)

EA (Project Number)
PS&E (Plans, Specifications, and Estimate)
RTL (Ready to List)
BO (Bid Open)

SON- ## - ## (County-Route-Postmile)
PSE (Plans, Specifications, and Estimate)
CCA (Construction Contract Acceptance)
AWD (Award Contract)

Caltrans SHOPP Report

October 2019

EA 1K750

SON-1-41.2/54.6

Scope: REHABILITATE CULVERT FROM NORTH OF MILLER CREEK TO NORTH OF VANTAGE ROAD

Schedule: PAED: 10/15/2020 PS&E: 3/1/2022 RWC: 6/15/2022 RTL: 6/1/2022 CCA: 12/31/2023

EA 4J120

SON-116-0.0/46.8

Scope: ADVANCED MITIGATION BANKING CREDIT

Cost Estimate: \$5,000K Right-of-Way Capital

Schedule: PAED: 4/17/2017 RTL: N/A; Financial Contribution

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RWC (Right of Way Certification)

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SON- ## - ## (County-Route-Postmile)

PSE (Plans, Specifications, and Estimate)

CCA (Construction Contract Acceptance)

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DESIGN

EA 0G680

SON-121-3.4/6.5

Scope: NEAR SCHELLVILLE - WIDEN RDWY AND SHOULDERS AND MEDIAN AND SHOULDER RUMBLE STRIPS

Cost Estimate: \$25,000K Construction Capital

Schedule: **PAED:** 12/19/2018 **PS&E:** 12/31/2019 **RWC:** 05/15/2020 **RTL:** 6/15/2020 **CCA:** 12/31/2021

EA 0J100

SON-101-9.0

Scope: REGRADE SLOPE NEAR PETALUMA NORTH OF PEPPER ROAD

Cost Estimate: \$1,324K Construction Capital

Schedule: **PAED:** 6/29/2018 **PS&E:** 5/15/19 **RWC:** 12/13/2018 **RTL:** 6/18/19 **CCA:** 6/30/2020

EA 4H050

SON-12-25.8/33.3

Scope: SCOUR MITIGATION AT SONOMA CREEK AND HOOKER CREEK BRIDGES; REPLACE BRIDGES

Cost Estimate: \$6,800K Construction Capital

Schedule: **PAED:** 9/28/2018 **PS&E:** 1/20/20 **RWC:** 12/16/2019 **RTL:** 2/7/2020 **CCA:** 12/31/2021

EA 0A020

SON-1-15.1/15.8

Scope: REALIGN ROADWAY NEAR THE GLEASON BEACH AREA

Cost Estimate: \$24,300K Construction Capital

Schedule: **PAED:** 6/30/2016 **PSE:** 10/1/2019 **RWC:** 11/22/2019 **RTL:** 12/15/2020 **CCA:** 7/1/2021

*Coordinating with Sonoma County, California Coastal Commission, CTC to obtain Coastal Development Permit; Permit hearing is targeted for June 2020 Sonoma County/Coastal Commission meeting

EA 1G840

SON-116-26.6/26.9

Scope: UPGRADE CURB RAMPS AND DRIVEWAYS TO ADA STANDARDS IN DOWNTOWN SEBASTOPOL

Cost Estimate: \$3,123K Construction Capital

Schedule: **PAED:** 9/30/2015 **PS&E:** 5/19/2017 **RWC:** 6/1/2017 **RTL:** 7/31/19 **CCA:** 12/31/2019

*Project downslope in progress to defer sidewalk work at Main Street per City of Sebastopol request. Project will be re-advertised on 8/26/19; BO 9/26/19.

EA 0J642

SON-101-29.3/54.2

Scope: BIG PAVE 2 - PAVEMENT REHABILITATION FROM GEYERSERVILLE TO CLOVERDALE AND CULVERT REPLACEMENT FROM WINDSOR TO CLOVERDALE

Cost Estimate: \$ 78,935 K Construction Capital

Schedule: **PAED:** 4/19/2018 **PS&E:** 6/11/2019 **RWC:** 6/11/2019 **RTL:** 6/28/19 **CCA:** 12/31/2021

EA 1A210

SON-37-2.6

Scope: INSTALL A NEW HIGH-SPEED WEIGH-IN-MOTION SYSTEM IN BOTH DIRECTIONS ON ROUTE 37

Cost Estimate: \$ 2,280 K Construction Capital

Schedule: **PAED:** 4/10/2018 **PS&E:** 4/11/19 **RWC:** 4/11/19 **RTL:** 6/12/2019 **CCA:** 10/30/2020

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Caltrans SHOPP Report

October 2019

EA 1J360

SON-12-35.1/38.9

Scope: PAVEMENT REHABILITATION FROM VALLEJO AVE TO EAST OF LEVERONI RD

Cost Estimate: \$6,213K Construction Capital

Schedule: **PAED:** 4/3/2018 **PS&E:** 12/1/2019 **RWC:** 1/2/2020 **RTL:** 2/1/2020 **CCA:** 12/30/2021

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CONSTRUCTION

EA 0Q850

SON/MRN/NAP/LAK -Var

Scope: REMOVE DROUGHT STRICKEN TREES IN SONOMA, MARIN, NAPA, AND LAKE COUNTIES

Status: PID approved 6/30/18 (A)

Schedule: PAED: 6/19/19 PS&E: 6/19/19 RWC: 6/20/19 RTL: 6/20/2019 CCA: 12/31/19

EA 4G380

SON-116-31/31.3

Scope: INTERSECTION OF NB LLANO ROAD CONSTRUCT LEFT-TURN LANE AND WIDEN SHOULDERS

Cost Estimate: \$6,446K Construction Capital

Schedule: PAED: 9/21/2016 PS&E: 6/7/2018 RWC: 6/18/2018 RTL: 6/29/2018 CCA: 12/30/2019

EA 2J540

SON-1-23.4/24.4

Scope: STORM DAMAGE REPAIR- SOLDER PILE WALL AT 1.5 MILES SOUTH OF MEYERS GRADE ROAD

Cost Estimate: \$3,880K Construction Capital

Schedule: PAED: 2/15/2018 PS&E: 6/5/2018 RWC: 6/5/2018 RTL: 6/29/2018 CCA: 12/30/2019

EA 2J500

SON-37-0.27

Scope: RECONSTRUCT PAVEMENT, CELLULAR CONCRETE, SUBGRADE AT PETALUMA CREEK BRIDGE

Cost Estimate: \$1,515K Construction Capital

Schedule: PAED: 9/13/2017 PS&E: 5/25/18 RWC: 6/5/2018 RTL: 6/15/2018 CCA: 10/1/2019

EA 2J550

SON-101-33.5/33.5

Scope: GRANT AVE UC - PERMANENT RESTORATION PROJECT – INJECTION GROUTING

Cost Estimate: \$3,890K Construction Capital

Schedule: PAED: 8/14/2017 PS&E: 2/1/18 RWC: 3/1/2018 RTL: 4/12/2018 CCA: 12/31/2019

EA 1J750

SON-1-22.48

Scope: REPAIR FIRE DAMAGE TO SOLDIER PILE WALL NEAR JENNER AT 2.4 MILES NORTH OF SR-116

Cost Estimate: \$1,370K Construction Capital

Schedule: PAED: 11/16/2016 PS&E: 11/16/2016 RWC: 11/1/2017 RTL: 12/1/2017 CCA: 11/29/19 In PEP

EA 4G220

SON-12-17.7/18.2

Scope: INSTALL CONCRETE MEDIAN BARRIER AND METAL BEAM GUARD RAIL NEAR FARMERS LANE

Cost Estimate: \$7,000 K Construction Capital

Schedule: PAED: 7/29/2016 PS&E: 6/6/2017 RWC: 6/20/2017 RTL: 6/22/2017 CCA: 12/31/19

EA 264H6

SON- 101 VAR

Scope: CONSTRUCT FOLLOW-UP LANDSCAPING IN PETALUMA AND SANTA ROSA

Cost Estimate: \$2,452K Construction Capital (STIP FUNDS)

Schedule: PAED: 10/29/2009 PS&E: 3/27/2015 RWC: 6/17/2016 RTL: 6/24/2016 CCA: 12/31/21

Disclaimer: The above list relates to information from the 2018 SHOPP, and is subject to continuous update and change

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