Highway Projects – SCTA Staff Update including

CALTRANS SHOPP REPORT

March 12, 2018

Highway 101

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

R/W
- One parcel remains - Final agreement on the County parcel west of the freeway adjoining Mark West Creek is pending Caltrans granting rights for a future Mark West Trail. Regional Parks has provided draft drawings of path to define property needed for path. Resolution pending conversion from fee acquisition to Highway easement.
- Final right of way mapping underway.

Permits/Mitigation
- Monitoring and reporting of mitigation planting both on and off site will continue through June of 2019.
- Working with resource agencies on corrective measures needed at Cresta offsite planting due to fire damage.

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

2. LANDSCAPING - North B - Airport Interchange

- Bortolussi & Watkin completed planting in late 2017.
- 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

- Project close out activities ongoing, including monitoring and reporting of mitigation planting through 2018.
- Final right of way mapping underway.

5. Marin Sonoma Narrows (MSN) C-1 (E. Washington interchange)

Project Close Out

- Project close out activities ongoing, including final mitigation and monitoring report of planting submitted to Water Board on December 6, 2017 requesting permit sign off.
- Final right of Way mapping underway.

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

Construction

- Next major traffic switch to Stage 2 will be between March and April weather dependent. The shift will place southbound traffic onto the new Highway 101 San Antonio Creek Bridge.
- Work remaining prior to traffic switch includes Barriers, Signs and Striping.
- End of 2018 is the current target for both direction of traffic to be on the new bridge and the new frontage road with bike path to be open.

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

Project Close Out

- Project accepted in June 2017, close out activities through 2018

8. MSN C3 (Highway 116 at Lakeville Highway)

Project Close Out

- Project accepted in December 2016, close out activities to be performed with MSN B2.
- Project received a Best of Class Gold Award for Excellence in Partnering.
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
- WABO LANDSCAPE AND CONSTRUCTION, INC. completed planting in late 2017.
- Plant establishment will go through 2020.

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

Design
- SB-1 Funding has been identified for construction funding, an application will be submitted on February 16, 2018 with Programming to be confirmed in May 2018. Carpool lanes would be opened by the end of 2022.
  - Full Funding Plan and Programming on today’s Agenda.
- Revised 100% Plans were re-submitted to Caltrans in January 2018.
- SMART multiuse path (MUP) in Petaluma between Payran Street and Southpoint Boulevard is scheduled to be constructed this summer and open the end of 2018. This project will require path closure for demolition of exiting bridge and construction of new bridge over railroad.
- Contract will specify sound walls as the first order of work.

Right of Way
- Right of Way Acquisition competition scheduled for December 2018
- The acquisition status:
  - Fee Parcels
    - All four residential properties are acquired and demolished.
    - One of four commercial properties is acquired.
  - Temporary Construction Easements (TCEs)
    - Primarily 10’ wide TCEs are needed in backyards for Sound walls.
    - Appraisals and Offers underway through 2018.
11. MSN – B2 Phase 2 - Sonoma Median Widening

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

**Construction**
- Bids Opened March 7th – Between 13% and 39% over the estimate.
  - GHILOTTI CONSTRUCTION CO.INC. $27,204,933.60 13%
  - GHILOTTI BROS, INC., INC. $30,878,806.00 28%
  - O.C. JONES AND SONS, INC $32,156,318.30 33%
  - DeSilva Gates Construction LP $35,704,572.00 39%
- SCTA is working with partners to identify additional funding.
- Start construction in April 2018, Open Carpool lanes by the End of 2019.

12. State Route 37 Corridor Protection and Enhancement Project

- Four North Bay counties Policy Committee established November 2015
- March 1, 2018 Policy Committee Meeting included:
  - Review of Corridor Plan Comments
  - Place based online survey and focus groups results
  - Transit Update – Origin and Destination Ridership Study
  - Corridor Implementation Update
    - Caltrans, MTC, STA, TAM, SCTA, NVTA
    - Resilient By Design – San Pablo Bay – Common Ground Team
      - http://www.resilientbayarea.org/san-pablo-bay
      - http://www.resilientbayarea.org/common-ground/
- May 3, 2018 Policy Committee Meeting tentative items include:
  - Project Initiation Document Update
  - Transit Update – Rail, Ferry, Bus
- Outreach Opportunities include:
  - Place based online survey completed December – January 2018
  - Focus Groups Completed – January – February 2018
  - Future outreach being evaluated.

Project Facebook: [https://www.facebook.com/route37/](https://www.facebook.com/route37/)
13. **Big Pave Segment 1 Windsor to Geyserville.**

**Construction**
- DeSilva Gates Construction is underway with completion of work scheduled for the summer of 2018.
- Project paving was 75% completed in 2017. Geyserville to Dry Creek Southbound remains to be completed.
- Temporary delineation improved the nights of November 8, 9 and 10.
- Work includes:
  - 220,000 tons of asphalt.
    - Paving 14 miles including all 4 lanes and shoulders.
    - Paving 31 freeway ramps.
  - Replacing existing signs and metal beam guardrail.

14. **Big Pave Segment 2 Geyserville to Cloverdale.**

**Design**
- The project is fully funded and design is underway with construction scheduled for 2020.
- Paving 11 miles including all 4 lanes and shoulders.

15. **Highway 116/121 Intersection Improvements**

**Environmental**
  An open house format public meeting was held on July 13th 2016, at the Finnish American Association Center in Sonoma. Final Environmental Compliance documentation is estimated for Spring 2018 (See below).
- The Biological Opinion from the U.S. Fish and Wildlife Service (USFWS) was issued April 11, 2017. Parsons is working with Caltrans environmental staff...
to complete the response to public comments and finalize the natural environment sections of the document so that the final environmental documentation can be approved. Project Approval and a complete, approved environmental document is now expected in Spring 2018. The Design phase typically doesn’t start until after PA/ED is complete, and the Right of Way phase cannot be started until PA/ED is achieved.

- A contract for Parsons to complete the Plans Specifications and Estimates (PSE or DESIGN) phase of the project was approved by the Board in June 2017.
- The Project Development Team has selected the Roundabout as the preferred alternative.

16. Highway 116 Sebastopol to Cotati
- Caltrans met with a number of stakeholders in April 2014 to discuss the status of the rehabilitation project. The Department has been working for the last two years on splitting out independently useful projects to complete instead of the full rehabilitation project. Caltrans amended the State Highway Operation Protection Program (SHOPP) to include construction funding for a left turn pocket project at Llano Road. Additionally, at the request of Supervisor Rabbitt, Caltrans reviewed the traffic data for the intersections at Hessel Road and Mt. Vernon and also at Lone Pine and Mount Vernon. The result was that the Lone Pine intersection now has a higher safety index that allows it to qualify as a safety project. Caltrans district staff is working on a justification for preliminary approval from Headquarters. If the approval is received the Lone Pine/Mt. Vernon intersection would also be amended into the SHOPP.

17. Hearn Avenue Interchange Improvements
PAED (Environmental) was completed in December 2016.

DESIGN (PS&E) The City of Santa Rosa has selected AECOM as the consultant and has initiated work on the Design Phase. The team is currently working on collecting data for aerial mapping, right-of-way data sheets, utility verification, geotechnical studies and hazardous materials in order to begin Design work for 35% Plans.
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 2016 SHOPP cycle is from Fiscal Year 2016-2020. Upcoming 2018 SHOPP will fund projects from Fiscal Year 2018 to 2022. Below is the list of SHOPP funded projects in the current SHOPP cycle (2016-2020) or planned to be included in future SHOPP cycles.


**PROJECT INITIATION DOCUMENT**

**EA 0K520**  
SON-12-11.0/17.4  
**Scope:** PAVEMENT REHABILITATION, UPGRADE CURB RAMPS FROM LLANO RD TO FARMERS LANE  
**Status:** PID Approved: 6/30/17; Pending 2018 SHOPP approval

**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; Pending funding approval; May be split into smaller projects to get funded

**EA 0K130**  
SON-12 & 116/ MRN-1&13/ NAP-29  
**Scope:** PEDESTRIAN SAFETY ENHANCEMENT AT MULTIPLE LOCATIONS  
**Status:** PID Approved: 6/29/17; Pending 2018 SHOPP approval

**EA 2K330**  
SON-101-38.7 & 41.37  
**Scope:** STORM DAMAGE REPAIR AT LYTTON SPRINGS AND GEYSERVILLE AVE  
**Status:** PID in progress; Target completion 3/30/18

**EA 1K720**  
SON-1-1.0/28.7  
**Scope:** REHABILITATE CULVERT FROM 0.9 MILE NORTH OF VALLEY FORD TO JEWELL GULCH  
**Status:** PID in progress; Target completion 3/30/18

**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; could be amended to 2018 SHOPP

**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  
**Status:** PID Approved: 6/30/17; Pending 2018 SHOPP approval
<table>
<thead>
<tr>
<th>EA</th>
<th>SON</th>
<th>Scope</th>
<th>Status</th>
</tr>
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<tbody>
<tr>
<td>EA 2K350</td>
<td>SON-101-55.5</td>
<td>STORM DAMAGE REPAIR - SOLDIER PILE WALL NEAR CLOVERDALE 2 MILES NORTH OF ROUTE 128 JUNCTION</td>
<td>PID in progress; Target completion 6/30/18</td>
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<tr>
<td>EA 2K360</td>
<td>SON-101-9.5</td>
<td>STORM DAMAGE REPAIR - SOLDIER PILE WALL EAST OF OLD MONTE RIO RD</td>
<td>PID in progress; Target completion 6/30/18</td>
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<tr>
<td>EA 0J300</td>
<td>SON-1-26.7/26.9</td>
<td>STORM DAMAGE REPAIR - SOLDIER PILE WALL NORTH OF MEYERS RD</td>
<td>PID Approved: 3/30/17; Pending 2018 SHOPP approval</td>
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<tr>
<td>EA 4G780</td>
<td>SON-1-0/58.36</td>
<td>INSTALL CENTERLINE AND SHOULDER RUMBLE STRIPS FROM MARIN/SONOMA COUNTY LINE TO SONOMA/MENDOCINO COUNTY LINE</td>
<td>PID in progress; Target completion 3/30/18</td>
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<tr>
<td>EA 4J460</td>
<td>SON-116-11.8/12.2</td>
<td>UPGRADE CURB RAMPS AND SIDEWALK TO ADA STANDARDS IN GUERNEVILLE</td>
<td>PID Approved: 3/7/17; Pending 2018 SHOPP approval</td>
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<tr>
<td>EA 1Q250</td>
<td>SON-1-24.5/24.6</td>
<td>BRIDGE RAIL REPLACEMENT/UPGRADE – RUSSIAN GULCH</td>
<td>PID in progress; Target completion 2/28/19</td>
</tr>
<tr>
<td>EA TBD</td>
<td>SON-101-24.86/25.0</td>
<td>BRIDGE RAIL REPLACEMENT/UPGRADE – RIVER ROAD</td>
<td>PID to initiate in April 2018; Target completion 12/30/18</td>
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<tr>
<td>EA 0P870</td>
<td>SON-116-30.1/30.5</td>
<td>INSTALL TRAFFIC SIGNAL OR ROUNDBOAT AT LONE PINE RD/ MT VERNON RD</td>
<td>PID in progress; Target completion 11/30/18</td>
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<tr>
<td>EA 0Q880</td>
<td>SON-116-27.9/34.1</td>
<td>PAVEMENT REHABILITATION BETWEEN SEBASTOPOL AND WEST OF COTATI</td>
<td>PID in progress; Target completion 12/31/18</td>
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<tr>
<td>EA TBD</td>
<td>SON-101-22.8/32.79</td>
<td>BRIDGE RAIL REPLACEMENT/UPGRADE – MENDOCINO AVE, SHILOH RD, LIMERICK LN</td>
<td>PID to initiate in April 2018; Target completion 12/31/18</td>
</tr>
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</table>
EA TBD
SON-116-22.14
Scope: INSTALL TRAFFIC SIGNAL OR ROUNDBOUGHT AT GREEN VALLEY RD
Status: PID to initiate in April 2018; Target completion 6/30/19

EA 0Q850
SON/MRN/NAP/LAK - Var
Scope: REMOVE DROUGHT STRICKEN TREES IN SONOMA, MARIN, NAPA, AND LAKE COUNTIES
Status: PID to initiate in March 2018; Target completion 6/30/18

EA TBD
SON-37-3.78/4.0 & SON-121-0.0/0.15
Scope: CONSTRUCT ROUNDBOUGHT AT INTERSECTION OF SR-37 AND SR-121
Status: PID to initiate in July 2018; Target completion 6/28/19

ENVIRONMENTAL

EA 0J642
SON-101-29.3/54.2
Scope: BIG PAVE 2 - PAVEMENT REHABILITATION FROM GEYSERSERVE AND CLOVERDALE AND CULVERT REPLACEMENT FROM WINDSOR TO CLOVERDALE
Cost Estimate: $68,200 K Construction Capital

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

EA 2J840
SON-116-8.5/10.5
Scope: STORM WATER MITIGATION IN MARIN, NAPA & SONOMA COUNTIES
Cost Estimate: $2120 K Construction Capital

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
Caltrans SHOPP Report  
March 2018

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  

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  
*Draft Environmental Document was released for public circulation from 1/29/18 to 2/27/18. Public meeting held on 2/15/18

EA 0J100  
SON-101-9.0  
Scope: REGRADE SLOPE NEAR PETALUMA NORTH OF PEPPER ROAD  
Cost Estimate: $1,324K Construction Capital  

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  

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  

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  

EA 4H050  
SON-116-31/31.3  
Scope: SCOUR MITIGATION AT SONOMA CREEK AND HOOKER CREEK BRIDGES  
Cost Estimate: $6,800K Construction Capital  

EA 1K730  
SON-1-30.8/40.5  
Scope: REHABILITATE CULVERT FROM MILL GULCH TO SOUTH OF MILLER CREEK  

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PID (Project Initiation Document)  
EA (Project Number)  
SON- ##-## (County-Route-Postmile)

PAED (Project Approval/ Environmental Document)  
PSE (Plans, Specifications, and Estimate)

RWC (Right of Way Certification)  
RTL (Ready to List)  
CCA (Construction Contract Acceptance)

ADV (Advertise Contract)  
BO (Bid Open)  
AWD (Award Contract)
EA 1K750
SON-1-41.2/54.6
Scope: REHABILITATE CULVERT FROM NORTH OF MILLER CREEK TO NORTH OF VANTAGE ROAD

DESIGN

EA 2J500
SON-37-0.27
Scope: RECONSTRUCT PAVEMENT, CELLULAR CONCRETE, SUBGRADE AT PETALUMA CREEK BRIDGE
Cost Estimate: $1,515K Construction Capital

EA 2J550
SON-101-33.5/33.5
Scope: GRANT AVE UC - PERMANENT RESTORATION PROJECT – INJECTION GROUTING
Cost Estimate: $3,890K Construction Capital

EA 0A020
SON-1-15.1/15.8
Scope: REALIGN ROADWAY NEAR THE GLEASON BEACH AREA
Cost Estimate: $24,300K Construction Capital

EA 1G840
SON-116-26.6/26.9
Scope: UPGRADE CURB RAMPS, DRIVEWAYS AND SIDEWALKS TO ADA STANDARDS IN DOWNTOWN SEBASTOPOL
Cost Estimate: $3,123K Construction Capital
*Project downscope in progress to defer sidewalk work at Main Street per City of Sebastopol request. Project will be re-advertised with downscope

CONSTRUCTION

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

EA 1J020
SON/NAP-VAR
Scope: HIGH FRICTION SURFACE TREATMENT AT VARIOUS LOCATIONS
Cost Estimate: $2,295K Construction Capital

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EA 4G480
SON-101-33.5/43.4
Scope: RESTORE FREEWAY SIGNS, ELIMINATE FREE RIGHT TURN AND UPGRADE LIGHTING NEAR HEALDSBURG FROM GRANT AVE UNDERCROSSING TO CANYON RD UNDERCROSSING
Cost Estimate: $1,090K Construction Capital

EA 0J640
SON-101-29.3/43.4
Scope: BIG PAVE 1 - ROADWAY REHABILITATION FROM WINDSOR TO GEYSERVILLE
Cost Estimate: $54,118K Construction Capital

EA 264H6
SON-101 VAR
Scope: CONSTRUCT FOLLOW-UP LANDSCAPING IN PETALUMA AND SANTA ROSA
Cost Estimate: $2,452K Construction Capital (STIP FUNDS)

EA 3G080
SON-1-30.5
Scope: CONSTRUCT SOIL NAIL WALLS AT 2.6 MILES SOUTH OF FORT ROSS ROAD
Cost Estimate: $7,100K Construction Capital

EA 1A290
SON-12-9.6
Scope: REPLACE LAGUNA DE SANTA ROSA BRIDGE NEAR SEBASTOPOL
Cost Estimate: $11,167K Construction Capital

HIGHWAY MAINTENANCE (HM) PROJECTS
Note: Below projects are some of HM funded projects which the community might be interested on the status.

EA 2K4404
SON-116-25.0/27.9
Scope: HWY 116 PAVING DIGOUTS (SPOT LOCATIONS) DOWNTOWN SEBASTAPOL
Cost Estimate: $1,055K Construction Capital
Begin Construction: 01/16/2018  CCA: 03/20/2018

EA 3J904
SON-116-27.9/32.5
Scope: HWY 116 PAVING (RECYCLED ASPHALT CONCRETE OVERLAY) BETWEEN SEBASTOPOL AND WEST OF COTATI
Cost Estimate: $2,500K Construction Capital
Begin Construction: 04/16/2018  CCA: 07/31/2018

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