Highway Projects – SCTA Staff Update including

CALTRANS SHOPP REPORT

May 14, 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,
- Water Board permit sign off complete.
- Final right of Way mapping underway.

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

Construction
- Stage 2 traffic shift complete. Southbound traffic is now on the new Highway 101 San Antonio Creek Bridge.
- End of 2018 is the current target for both directions of traffic to be on the new bridge.
- End of 2019 is the current target for the new bike path under the new bridge 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 on May 17, 2018. Carpool lanes would be opened by the end of 2022.
- 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.
    - Resolutions of Necessity are scheduled for June 27th.
  - 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**
- Contract with GHILOTTI CONSTRUCTION CO INC was approved 4/27/18.
- SCTA approved contract with MTC for $3.4 M in federal funds that will be paid back with SCTA future funds.
- Construction to start in May 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
- May 3, 2018 Policy Committee Meeting Canceled
- July 5, 2018 Policy Committee Meeting RESCHEDULED to July 25th.
- July 25th Policy Committee Meeting tentative items include:
  - Final Resilient By Design – San Pablo Bay – Common Ground Team
  - Transit Update – Rail, Ferry, Bus
  - Solano Draft Guiding Principles
  - Regional Measure 3 Project Funding
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 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.

14. Highway 116/121 Intersection Improvements

Environmental
  - Project Approval and Completion of the Environmental Documentation was completed on April 13, 2018 with the signing of the Project Report. The Final Environmental document was signed on April 4, 2018. The final environmental document will be posted on-line on the Caltrans website and SCTA will link to it as soon as it is up.
  - The Project Development Team has selected the Roundabout as the preferred alternative.
  - 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. Parsons has begun work on the design phase.
  - In June of 2017 SCTA entered into a cooperative agreement with Caltrans to complete the R/W Phase. Caltrans is currently working on R/W activities.
15. 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 four 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.

16. 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 complete Design work for 35% Plans. A Bridge Type selection meeting was held on April 30th. Discussions included possible aesthetic treatments of the bridge and retaining walls.
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 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 2K330**  
SON-101-38.7 & 41.37  
Scope: STORM DAMAGE REPAIR AT LYTON SPRINGS AND GEYSERVILLE AVE  
Status: PID in progress; Target completion 5/30/18

**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 6/30/18

**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 2K350**  
SON-101-55.5  
Scope: STORM DAMAGE REPAIR -SOLDIER PILE WALL NEAR CLOVERDALE 2 MILES NORTH OF ROUTE 128 JUNCTION  
Status: PID in progress; Target completion 6/30/18

**EA 2K360**  
SON-101-9.5  
Scope: STORM DAMAGE REPAIR -SOLDIER PILE WALL EAST OF OLD MONTE RIO RD  
Status: PID in progress; Target completion 6/30/18

**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 6/30/18

<table>
<thead>
<tr>
<th>PID (Project Initiation Document)</th>
<th>EA (Project Number)</th>
<th>SON- ### - ## (County-Route-Postmile)</th>
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<tbody>
<tr>
<td>PAED (Project Approval/ Environmental Document)</td>
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</table>
|      |      | **EA 1Q250**                                              | **SON-1-24.5/24.6**  
Scope: BRIDGE RAIL REPLACEMENT/UPGRADE – RUSSIAN GULCH  
Status: PID in progress; Target completion 2/28/19 |
|      |      | **EA TBD**                                                 | **SON-101-24.86/25.0**  
Scope: BRIDGE RAIL REPLACEMENT/UPGRADE – RIVER ROAD  
Status: PID to initiate in April 2018; Target completion 12/30/18 |
|      |      | **EA 0P870**                                              | **SON-116-30.1/30.5**  
Scope: INSTALL TRAFFIC SIGNAL OR ROUNDBOOUND AT LONE PINE RD/ MT VERNON RD  
Status: PID in progress; Target completion 11/30/18 |
|      |      | **EA 0Q880**                                              | **SON-116-27.9/34.1**  
Scope: PAVEMENT REHABILITATION BETWEEN SEBASTOPOL AND WEST OF COTATI  
Status: PID in progress; Target completion 12/31/18 |
|      |      | **EA TBD**                                                 | **SON-101-22.8/32.79**  
Scope: BRIDGE RAIL REPLACEMENT/UPGRADE – MENDOCINO AVE, SHILOH RD, LIMERICK LN  
Status: PID in progress; Target completion 12/31/18 |
|      |      | **EA TBD**                                                 | **SON-116-22.14**  
Scope: INSTALL TRAFFIC SIGNAL OR ROUNDBOOUND AT GREEN VALLEY RD  
Status: PID to initiate in May 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 in progress; Target completion 6/30/18 |
|      |      | **EA 1Q480**                                              | **SON-37-3.78/4.0 & SON 121-0.0/0.15**  
Scope: CONSTRUCT ROUNDBOOUND AT INTERSECTION OF SR-37 AND SR-121  
Status: PID in progress; Target completion 6/28/19 |
|      |      | **EA TBD**                                                 | **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 to initiate in July 2018; Target completion 6/28/19 |
### ENVIRONMENTAL

**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

**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

**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

**EA 0K130**
**SON-12 &116/ MRN-1&13/ NAP-29**
Scope: PEDESTRIAN SAFETY ENHANCEMENT AT MULTIPLE LOCATIONS
Cost Estimate: $2,777 K Construction Capital

**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

**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: $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: $2,120 K Construction Capital

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**ADV (Advertise Contract)**  **BO (Bid Open)**  **AWD (Award Contract)**
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

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; Met with Supervisor Gorin and property owners on 4/4/18. Draft ED will be re-circulated per community interest.

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 4G380
SON-116-31.3
Scope: INTERSECTION OF NB LLANO ROAD CONSTRUCT LEFT-TURN LANE AND WIDEN SHOULDERS
Cost Estimate: $6,446K Construction Capital

EA 4H050
SON-116-31.3
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
### Design

<table>
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<tr>
<th>Project</th>
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<th>Cost Estimate</th>
<th>Schedule</th>
</tr>
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<tbody>
<tr>
<td>EA 1K750</td>
<td>1K750</td>
<td>SON-1-41.2/54.6</td>
<td>Rehabilitate Culvert from North of Miller Creek to North of Vantage Road</td>
<td></td>
<td>PAED: 10/15/2020 PS&amp;E: 3/1/2022 RWC: 6/15/2022 RTL: 6/1/2022 CCA: 12/31/2023</td>
</tr>
</tbody>
</table>

*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

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: $11,847K Construction Capital

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

EA 3K6104
SON-116-25.0/27.9
Scope: HWY 116 PAVING IN DOWNTOWN SEBASTAPOL
Cost Estimate: $3,012K Construction Capital
Status: BO: 5/10/2018 Contract Advertise: 4/16/2018

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

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