TRANSPORTATION UPDATE

ACEC California – Riverside/San Bernardino Chapter

November 19, 2020

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A path forward

• Sensitive to ongoing pandemic
• Moving cautiously
• Three-pronged approach:
  1. Safety
  2. Fiscal responsibility
  3. Economic recovery
Safety

- Safety of staff, crews, families, public: RCTC’s top priority
- Staff working from home since March 16
- Increased sanitation at nine Metrolink stations
- Closed 91 Express Lanes Customer Service Center to public
- Construction and transportation operation crews remain at work
Fiscal responsibility

- RCTC has strong track record of fiscal management, oversight
- Fitch and S&P reaffirmed, upgraded credit ratings, despite COVID-19
- Fully funded pension liability – one of few public agencies to do so – minimizing costs to taxpayers and ensuring future financial stability
- Due diligence before awarding new contracts
3 Economic recovery

• Advocating for increased state and federal investment in Riverside County infrastructure – more from Marlin on 71/91 IC

• Supported transit agencies’ efforts to secure CARES Act funding (~$122 M for county operators); engaging with transit agencies for ongoing operational needs
Economic recovery

• $716 million in current construction contracts
• Under construction now: 8 highway projects, 17 rail station projects
• 5 highway projects and all 17 rail projects started in 2020
• 10,000+ jobs helping to boost local economy
Reality check: Transportation of the future

- Less state investment in highway system for traffic relief
- Reducing number of vehicle miles traveled
- Moving away from single occupancy vehicle use
- Reconciling climate action policies with regional transportation needs
- Continued commitment to Riverside County voters
Toll Program Projects
15 & 91 Corridor Projects

- 15 Express Lanes
- 15 Corridor Operations Project
- 15 Express Lanes Project – Southern Extension
- 15/91 Express Lanes Connector
- 91 Corridor Operations Project
15 Express Lanes: remaining work

- Opening spring 2021
- Construction punch list
- Tolling infrastructure: testing signs, toll rates, accounts, back-office integration
- Dynamic pricing – new for RCTC
- Customer service center; staff training
- Pavement repair – drainage retrofit
- Don’t go there: workers still in lanes
15 Corridor Operations Project

- Commission approved in October
- Southbound 15 lane, Cajalco to Weirick
- Reduce bottleneck from lane-drops
- Starting tech studies now; construction expected mid-2023 – late 2024
- In advance of 15 Express Lanes Project Southern Extension
- Savings from 15 Express Lanes Project reinvested in 15 corridor - $38 million project
15/91 Express Lanes Connector

- Build “missing link” between express lanes:
  - 15 south to 91 west
  - 91 east to 15 north
- Seamless transition; will benefit customers in north Corona, Norco, Eastvale, Jurupa Valley, SB County
- Construction: spring 2021 – mid-2023
- SB 132 funding $180 million toward $270 million investment
15 Express Lanes Southern Extension

- Preliminary Engineering and Environmental Document under way to extend 15 Express Lanes from Cajalco Road to Route 74/Central Avenue (Lake Elsinore)

- 14.5 miles, two express lanes in both directions in median

- Widen 15 bridges, multiple entry/exit points, sound walls, waterway crossings, drainage

- Construction: Could begin in 2025

- Estimated $550-600 million investment
91 Corridor Operations Project

• New westbound 91 lane, Green River Road on-ramp to 241
• Ease traffic congestion, especially for morning commuters
• Construction: started November 9; open by late 2021 – financial incentives and penalties if milestones not met
• Surplus toll revenue from RCTC and OCTA is funding $29 million construction work phase
Highway & Rail Projects
Highway Projects: Under Construction

- Construction: June 2019; open 2022
- Adding truck lane in both directions
- 4.5 miles, Badlands, Moreno Valley - Beaumont
- $113 million investment

- Construction: May 2020; open late 2022
- I-15 aux lanes, new ramps, widen roadway
- Lake Elsinore
- $38 million investment
Highway Projects: Under Construction

• Construction: April 2020; open mid-2021
• Building retaining wall, removing section of overhead railroad bridge
• Route 91, Riverside
• $12 million investment

• Construction: Aug. 2020; open summer 2022
• New interchange, detention basins, local street improvements
• Perris
• $42 million investment
71/91 Interchange

- Environmental approvals, design complete
- CTC staff recommending $58.1 M allocation of SB 1 funds to make this project fully funded – CTC to vote Dec. 2-3
- Replace existing loop connector between eastbound 91 and northbound 71 with new, two-lane direct connector ramp
- If funding approved, could start construction in 2022 and open new interchange in 2024
- Engineer’s estimate $114M
- CM Contract will be advertised in late 2020 or early 2021 depending on CTC
Mid County Parkway

• New 16-mile corridor, Perris-San Jacinto
• Will improve travel times and access to I-215, 79, Metrolink
• Construction Contract #1 (Placentia Interchange) under way
• Funding, timing for future segments not identified
• Will not be a state highway
Smart Freeway Pilot

• Uses “Managed motorway” concept proven in Australia
• Uses improved vehicle detection, Coordinated Adaptive Ramp Metering, Variable Speed Limits to reduce congestion and collisions
• Feasibility analysis complete
• PA/ED, PS&E begins 2021
• Northbound I-15 from San Diego/Riverside County Line to 15/215 in Murrieta – 8 miles
• $10 million investment
Santa Ana River Trail

- Near Prado Basin in Corona
- 9 Segments
- 11 miles total length
- $71M total cost
- Extensive coordination with ACOE
- Currently in environmental phase
Rail Station Projects

- Started 17 rail improvement projects this year – expediting projects while ridership is lower, due to COVID-19
- Began Riverside-Downtown Layover Facility Project in April; completion set for mid-2021
- Maintenance: upgrading elevators, painting, adding solar panels, paving, replacing trees, etc. at nine stations
Riverside-Downtown Station Improvements

• Started Environmental in late 2019 – expect to complete EIR mid 2022
• Adds platform on east side, adds siding, extends ped. bridge and expands parking, etc.
• $25M - Funded with FTA, SCORE funds
• Construction late 2023
MoVal/March Field Station Improvements

- In Design – construction in 2021
- Adds 2\textsuperscript{nd} train platform, lengthen 1\textsuperscript{st} platform for standard 8-car trains, upgrade 2.7 miles of track for future 9-mile double-track corridor. Would allow 91/PVL service improvements

- $16 M project; FTA grant
- CM by on-call contract
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QUESTIONS