

Orange County Transportation Authority - Highway Programs & SR-55 Project Update

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Construction Network – July 15, 2021

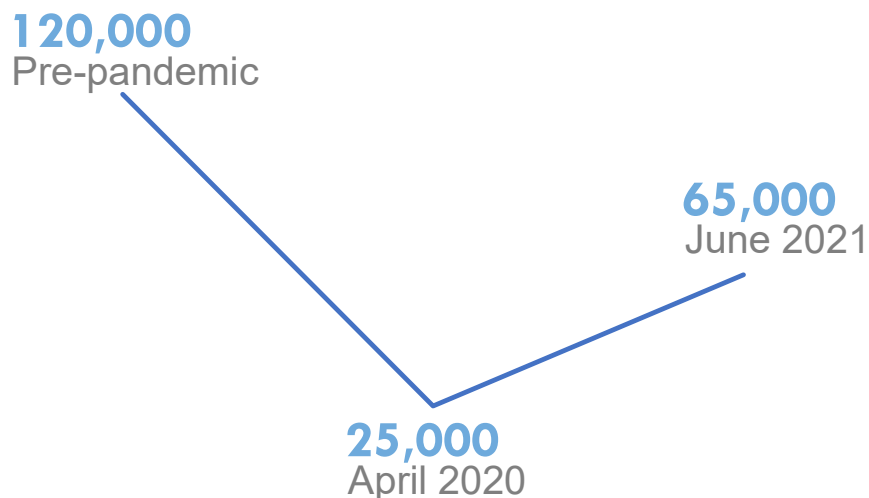
Managing through the Pandemic



OC Bus Service

Reduced bus service in March 2020 in response to declining ridership and to protect the health of employees and the public

Average Daily OC Bus Boardings



Measure M Forecast

Reduced sales tax projections due to impacts of COVID-19 while remaining committed to fulfilling promises made to voters

2019

\$13.4 billion



2020

\$11.6 billion

Updated forecast due to impacts of COVID-19



\$1.3 Billion Balanced Budget

Conservative fiscal planning and decisive action have enabled uninterrupted delivery of balanced and sustainable transportation



Bus service can be restored to approximately 90% of pre-pandemic levels



All Measure M projects on track to meet voter commitments



91 Express Lanes traffic volume has bounced back

Updated Sales Tax Projections

2021

\$12.5 billion

Early estimates
based on updated
forecasts



2020

\$11.6 billion

Forecast due to
impacts of the
COVID-19 pandemic



- Strong growth expected over the next two years as the economy recovers from the pandemic
- Long-term sales tax growth projections have been conservative due to anticipated slowing in population growth for Orange County
- Out-of-state online sales tax impacts have been very beneficial

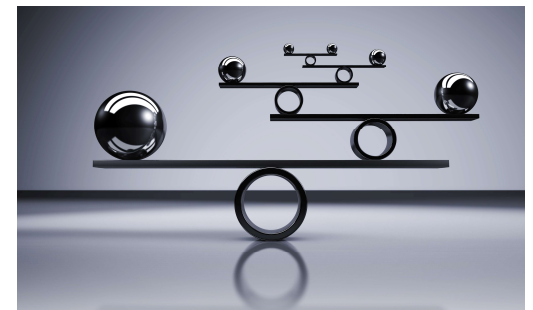
M2 Accomplishments to Date

- Freeways
 - ✓ 12 projects completed
 - ✓ 1,300 acres of open space preserved and another 350 acres restored
- Streets and Roads
 - ✓ 155 projects to make streets work better
 - ✓ 3,000 signals coordinated to reduce stop & go traffic
 - ✓ \$476 million distributed to local jurisdictions for transportation improvements
- Transit
 - ✓ Ongoing Metrolink service and five station projects completed
 - ✓ Safety enhancements at 50 railroad grade crossings
 - ✓ OC Streetcar under construction
 - ✓ \$85 million for mobility of seniors and persons with disabilities
 - ✓ 26 community circulator services
- Environmental
 - ✓ 196 water quality projects



Next 10 Deliverables Summary

- **Freeways**
 - Delivers 14 freeway projects
 - Continues annual endowment deposits
- **Streets and Roads**
 - Returns 18 percent to local agencies for transportation needs
 - Provides annual grants to address street bottlenecks and gaps
 - Funds ongoing coordination of 2,200 traffic signals
- **Transit**
 - Operations of Metrolink and station improvements
 - Begins operation of OC Streetcar
 - Enhances mobility for seniors and persons with disabilities
 - Continues support for localized transit options
- **Environmental**
 - Provides for annual water cleanup grants



M2 Freeway Projects Map

OC Go Freeway Projects



- Conceptual
- Environmental
- Design
- Construction
- Complete
- ▨ Design-Build
- Denotes Interchange Improvements (part of projects C, D, E, K and W)



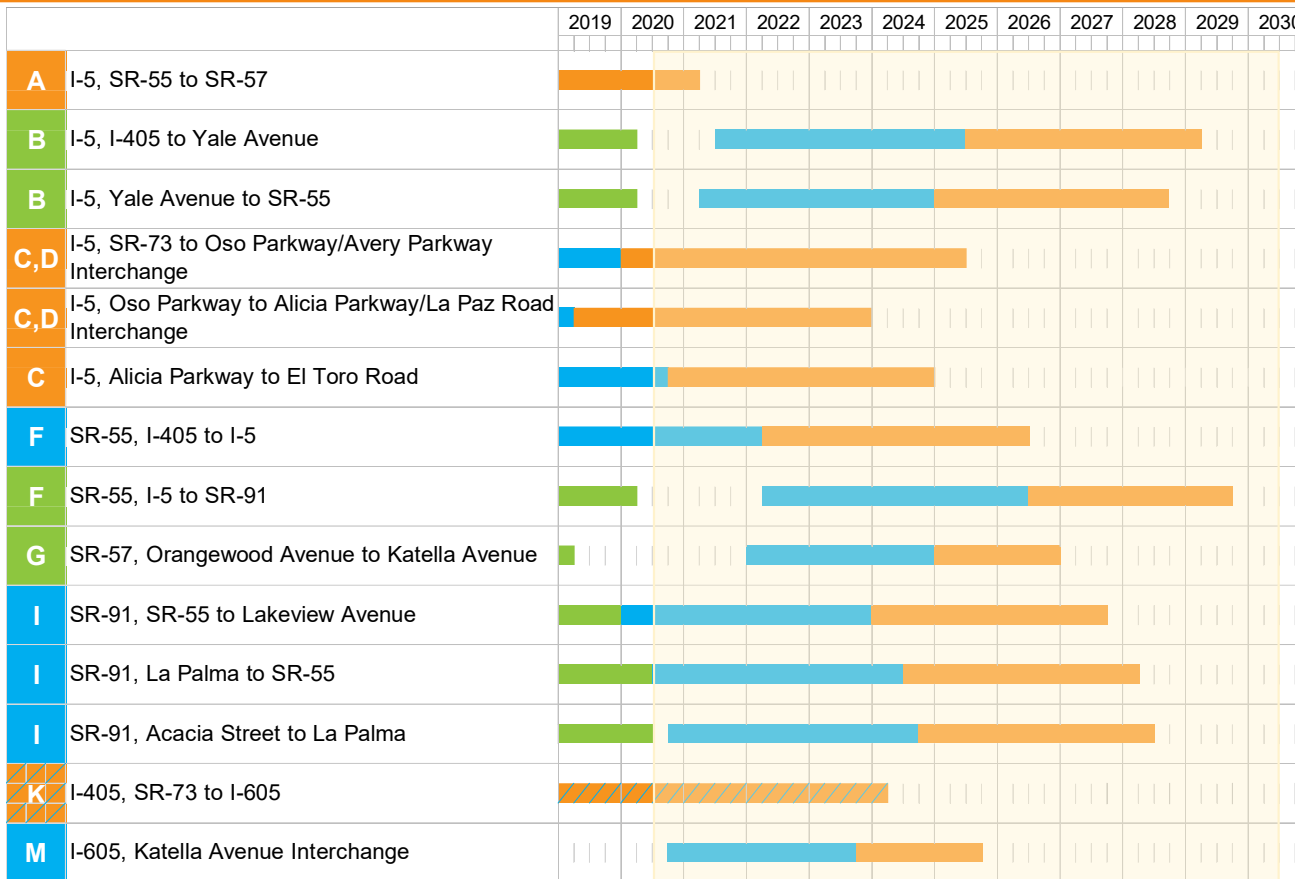
OCTA Preserves
(1,300 acres of permanent open space)

updated 12.31.20

- A I-5 (SR-55 to SR-57)
- B I-5 (I-405 to SR-55)
- C, D I-5 (Avenida Pico to San Juan Creek Road)
- C, D I-5 (SR-73 to El Toro Road)
- D I-5/Ortega Highway Interchange Improvements
- D I-5/El Toro Road Interchange Improvements
- E SR-22 Access Improvements
- F SR-55 (I-405 to I-5)
- F SR-55 (I-5 to SR-91)
- G SR-57 NB (Orangewood Avenue to Katella Avenue)
- G SR-57 NB (Katella Avenue to Lincoln Avenue)
- G SR-57 NB (Orangethorpe Avenue to Lambert Road)
- G SR-57 NB (Lambert Road to County Line)
- H SR-91 WB (I-5 to SR-57)
- I SR-91 (SR-57 to SR-55)
- I SR-91 WB (Tustin Avenue to SR-55)
- J SR-91 (SR-55 to SR-71)
- J SR-91 (SR-241 to I-15)*
- K I-405 (SR-73 to I-605)
- L I-405 (I-5 to SR-55)
- M I-605/Katella Avenue Interchange Improvements

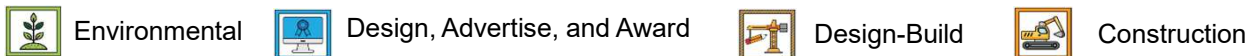
*Project environmentally reviewed as part of the Riverside County Transportation Commission's Corridor Improvement Project. Additional studies needed prior to construction.

M2 Freeway Program – Next 10



- 14 freeway projects to be delivered in Next 10 Plan timeframe
- Four remaining freeway projects to be reassessed during annual review

I-5 – Interstate 5
 SR-55 – State Route 55
 SR-57 – State Route 57
 I-405 – Interstate 405
 SR-73 – State Route 73
 SR-91 – State Route 91
 I-605 – Interstate 605



Upcoming Contract Opportunities



Visit cammnet.octa.net for all upcoming opportunities

Project	Service	Approx. Value	Anticipated RFP Release Date/ Construction Advertisement Date
SR-55 from I-5 to SR-91	PS&E	\$6 million	September 2021
SR-55 from I-405 to I-5 *	Construction	\$210 million	December 2021
Transit Security and Operations Center	Construction	\$25 million	February 2022
SR-91 from SR-55 to Lakeview Ave (Segment 1)	CM	\$ 4.5 million	April 2023
I-605/Katella Interchange	CM	\$1 million	May 2023
I-605/Katella Interchange *	Construction	\$15 million	July 2023
SR-91 from SR-55 to Lakeview Ave (Segment 1) *	Construction	\$55 million	August 2023
SR-91 from La Palma Ave to SR-55 (Segment 2)	CM	\$8 million	November 2023
SR-91 from La Palma Ave to SR-55 (Segment 2) *	Construction	\$100 million	January 2024

* Project to be advertised by Caltrans

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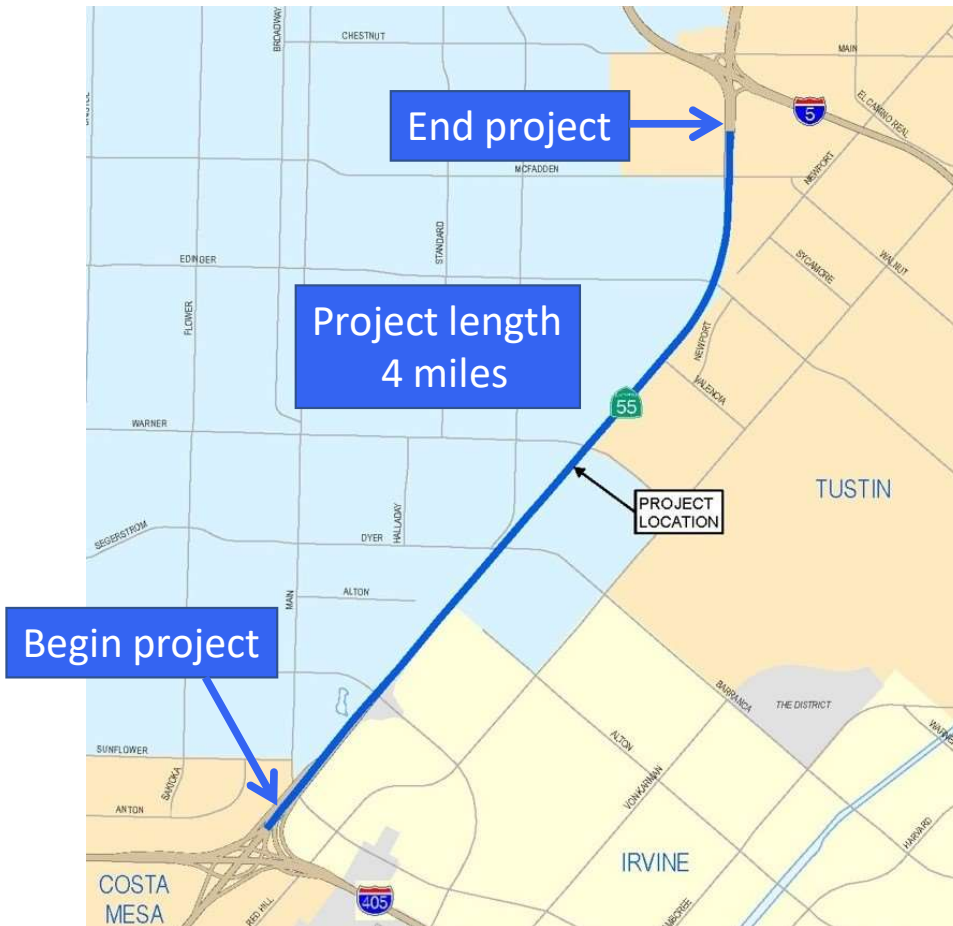
Project	Service	Approx. Value	Anticipated RFP Release Date/ Construction Advertisement Date
SR-91 from Acacia St to La Palma Ave (Segment 3)	CM	\$5 million	January 2024
I-5 from Yale Ave to SR-55 (Segment 2)	CM	\$7.5 million	February 2024
SR-91 from Acacia St to La Palma Ave (Segment 3) *	Construction	\$60 million	April 2024
I-5 from Yale Ave to SR-55 (Segment 2) *	Construction	\$95 million	June 2024
I-5 from I-405 to Yale Ave (Segment 1)	CM	\$8.5 million	November 2024
I-5 from I-405 to Yale Ave (Segment 1) *	Construction	\$110 million	April 2025
NB SR-57 from Orangewood to Katella	CM	\$3 million	June 2024
NB SR-57 from Orangewood to Katella *	Construction	\$40 million	October 2024
SR-55 from I-5 to SR-91	CM	\$5 million	September 2025
SR-55 from I-5 to SR-91 *	Construction	\$60 million	February 2026

* Project to be advertised by Caltrans



State Route 55 Improvement Project from Interstate 405 to Interstate 5

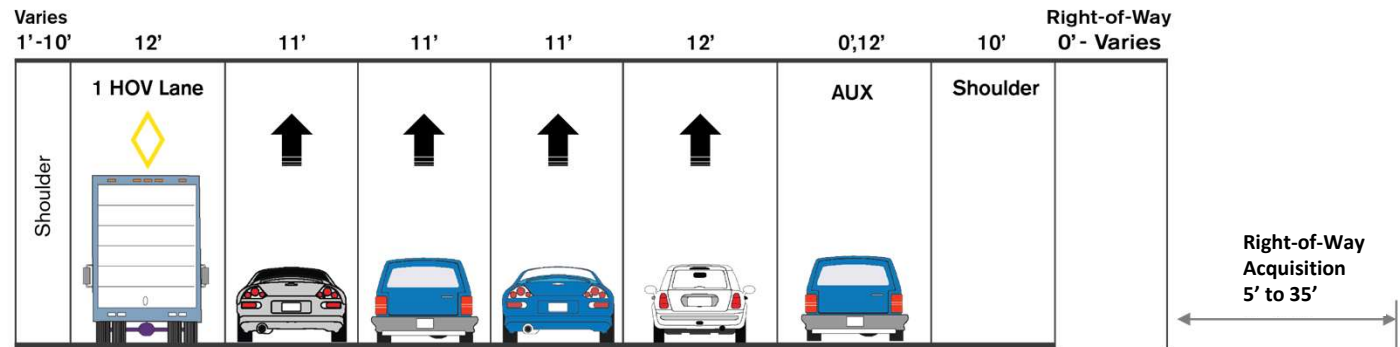
Project Area



- Borders cities of Irvine, Santa Ana, and Tustin (Cities)
- Partnership with California Department of Transportation (Caltrans) and Cities
- Project F in Measure M2 (M2)
- Project is included in the Next 10 Delivery Plan for implementation through construction

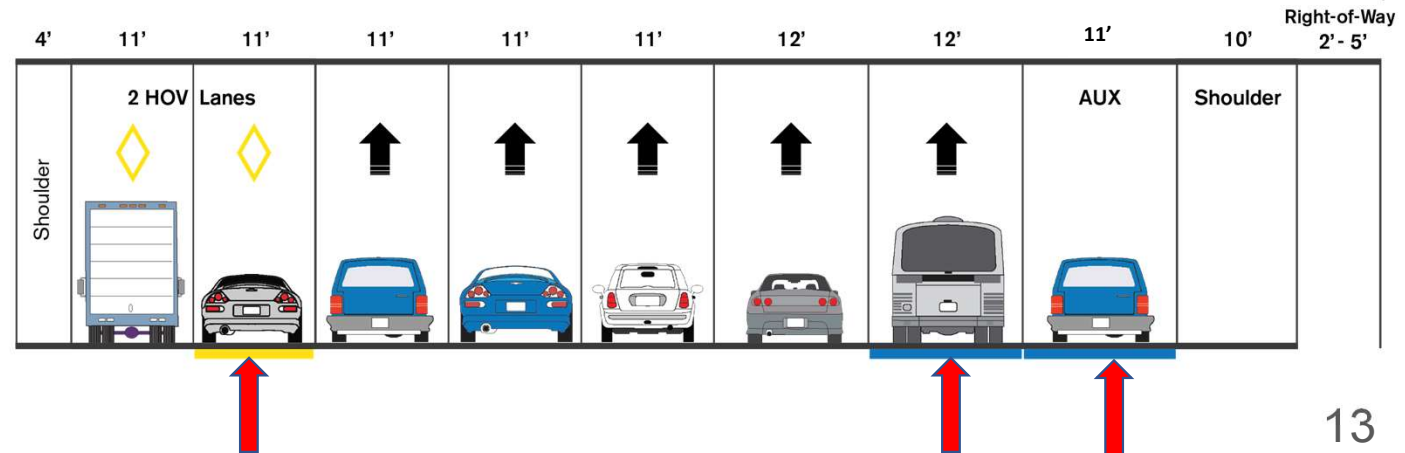
Project Improvements

Existing



Project Improvements

- Add one high-occupancy vehicle lane in each direction
- Add one general purpose lane in each direction
- Add auxiliary lanes at certain locations



Current Cost Estimates



Budget Item	Amount
Construction	\$215 M
Right of Way Capital and Utility Relocations	\$166.8 M
Management and Support (Environmental, Design, CM, Legal, Outreach, ROW)	\$91 M
Contingency	\$32.2 M
Total	\$505 M

Design

- Value engineering design reduced ROW impacts and costs
- Reduced 55 impacted properties to 33 properties
- Final Design to Caltrans Office Engineer on June 1st

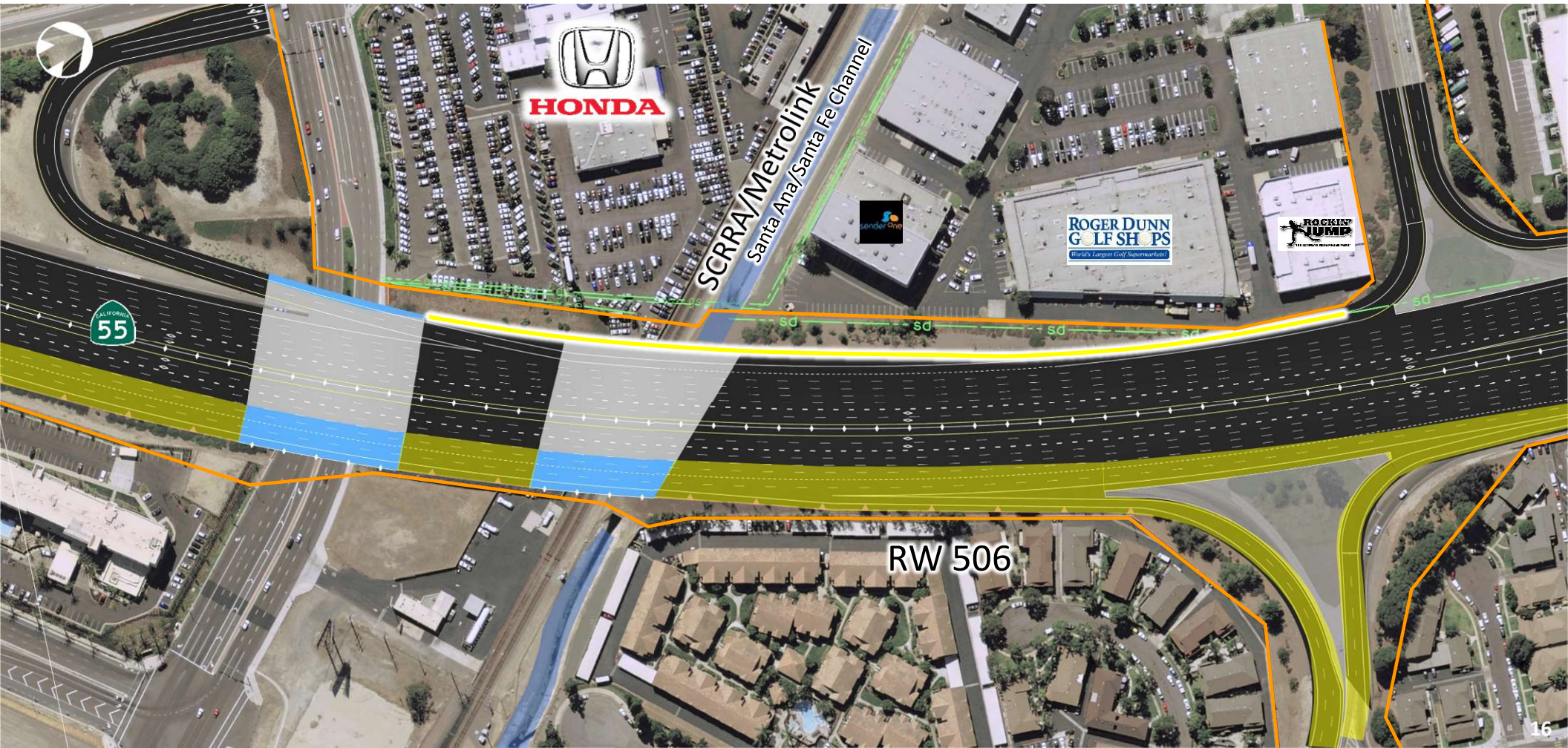
ROW

- 33 properties impacted (24 commercial, three multi-residential, six public agencies)
- Appraisals were initiated in early 2019
- All offers and agreements to property owners have been presented
- 16 offers accepted to date
- Resolutions of necessity (RON) initiated in September 2020
- Fourteen RONs approved to date with four RONs remaining

Utility

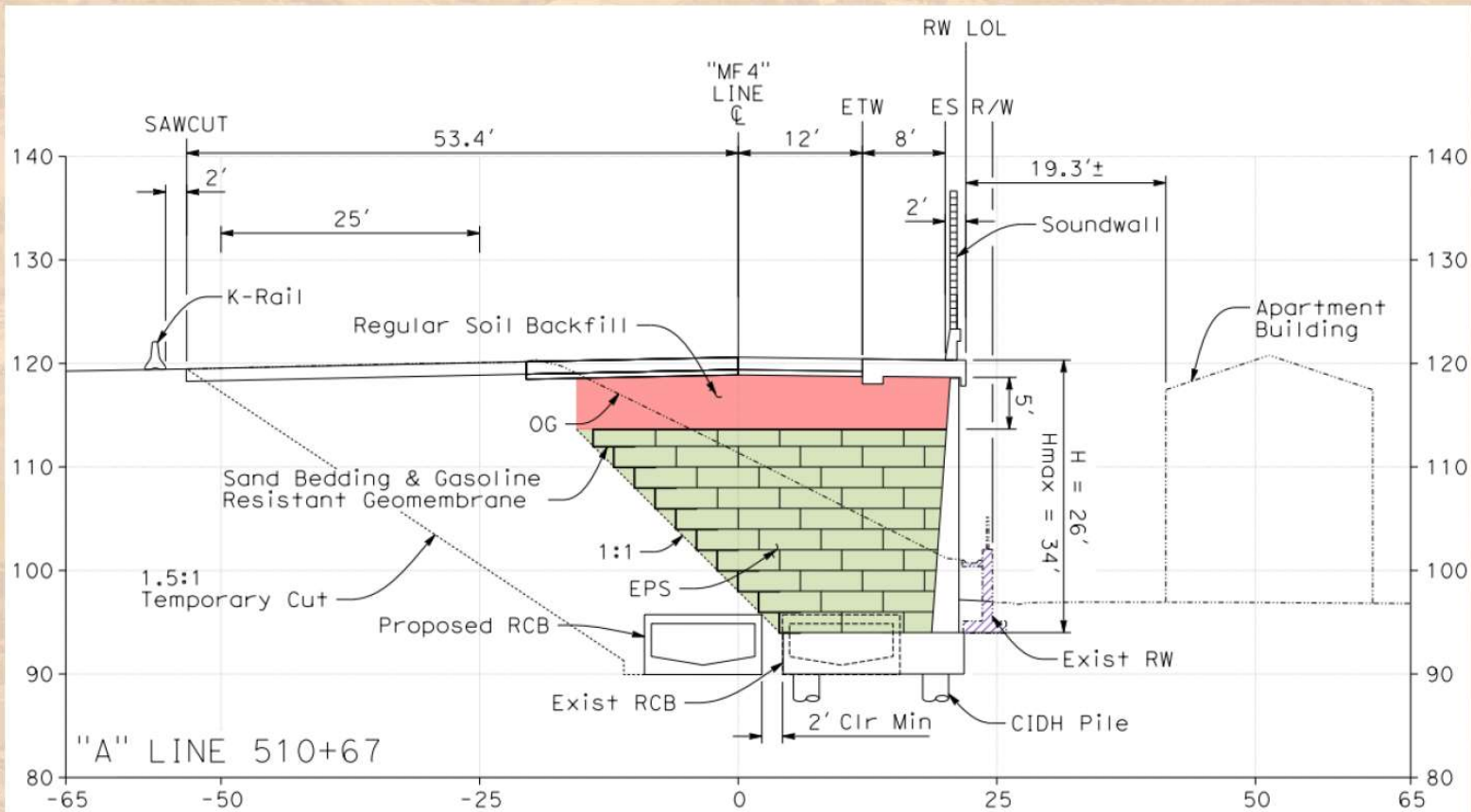
- 13 utility companies impacted
- Utility relocation coordination was initiated in early 2018
- All 28 utility agreements executed

Centerline Realignment



RW 506 with EPS Backfill

Proposed Wall Typical Section

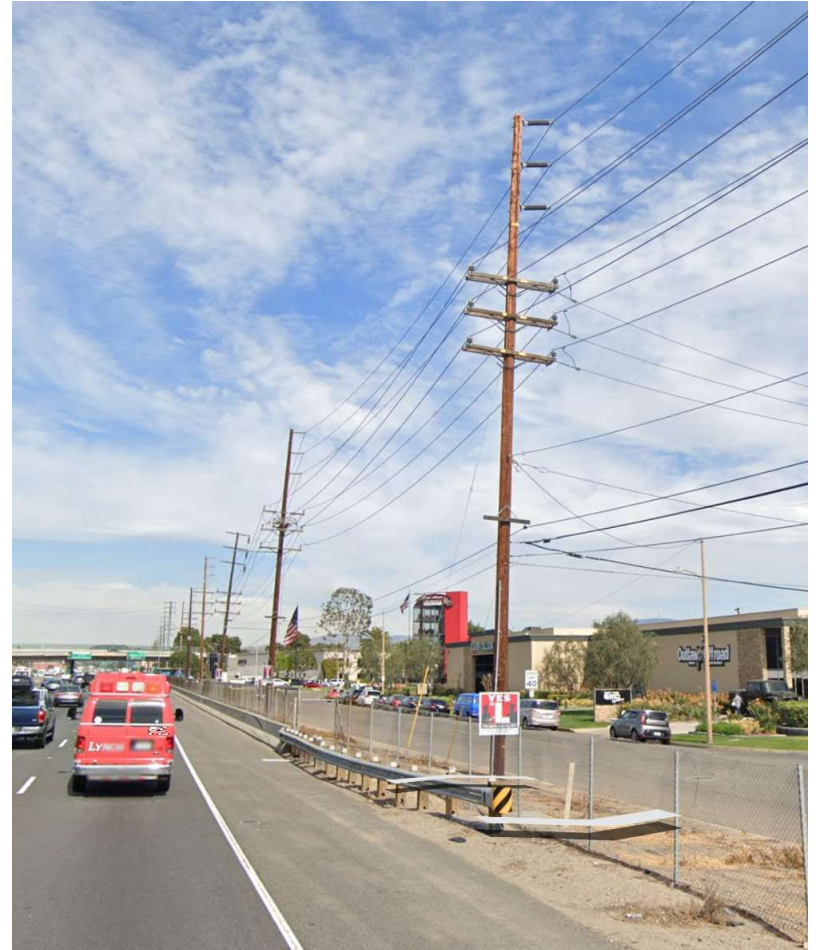


Extensive Utilities – Early Relocation Work

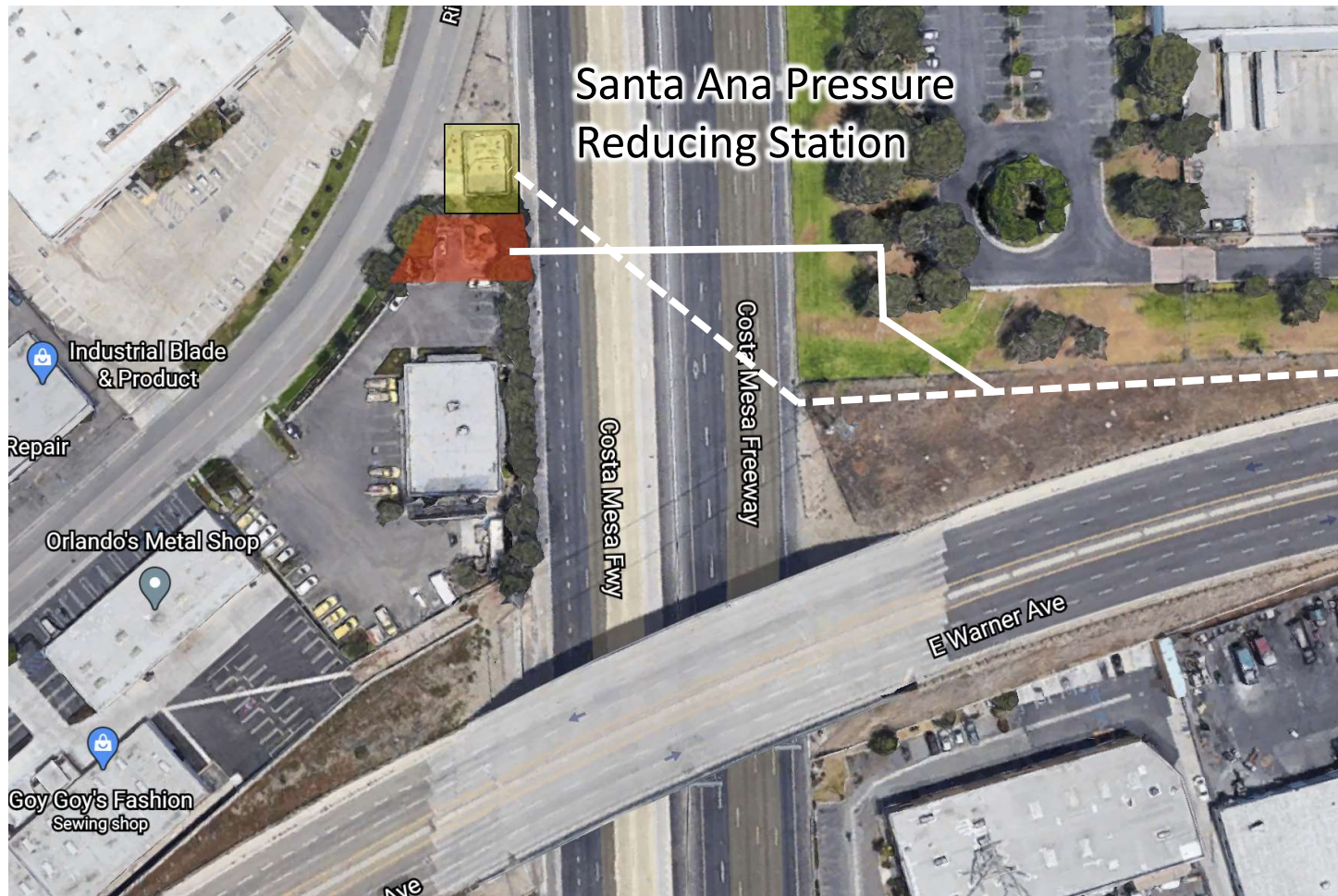


Extensive Utilities

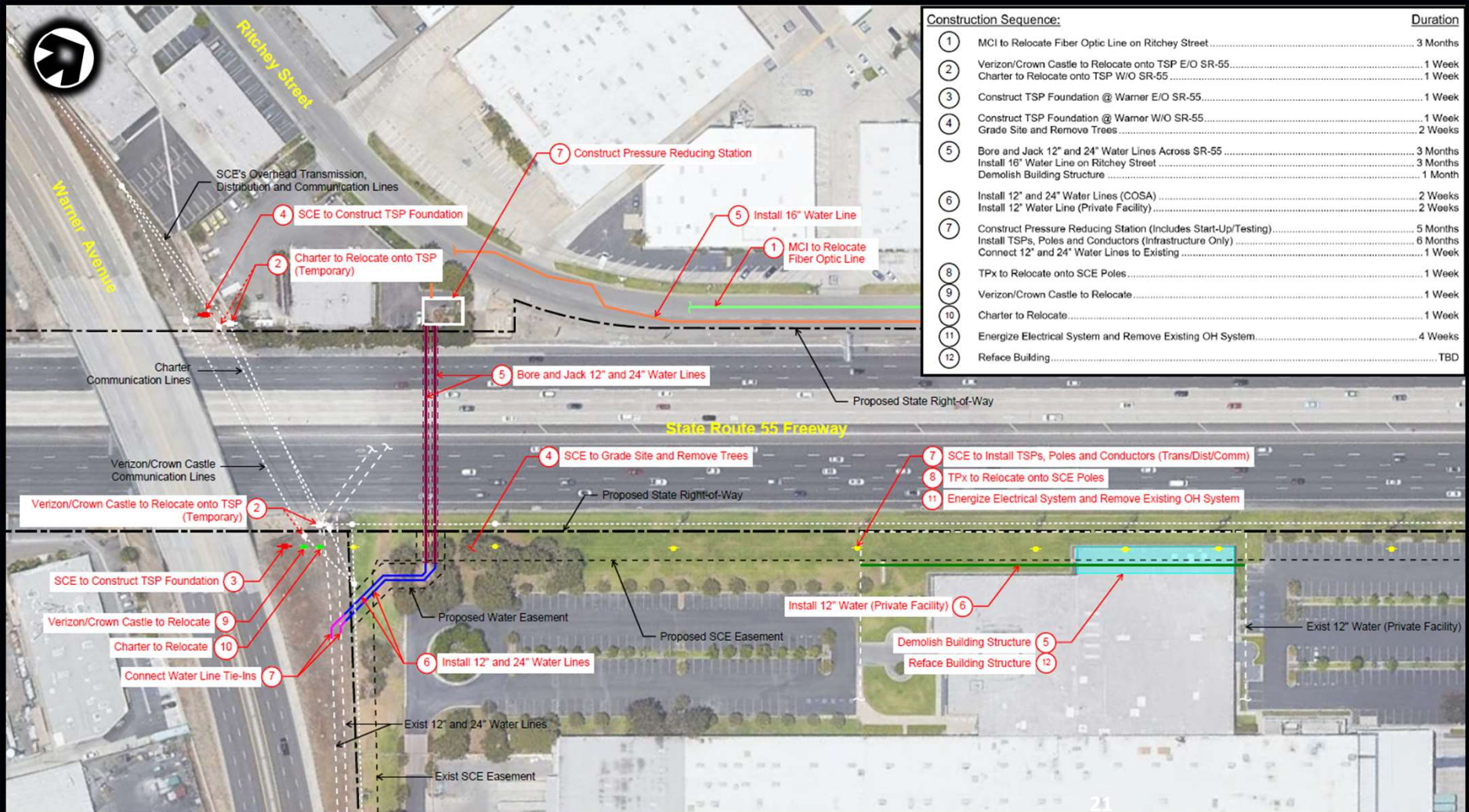
- Manage multiple contractors' work within temporary construction easements



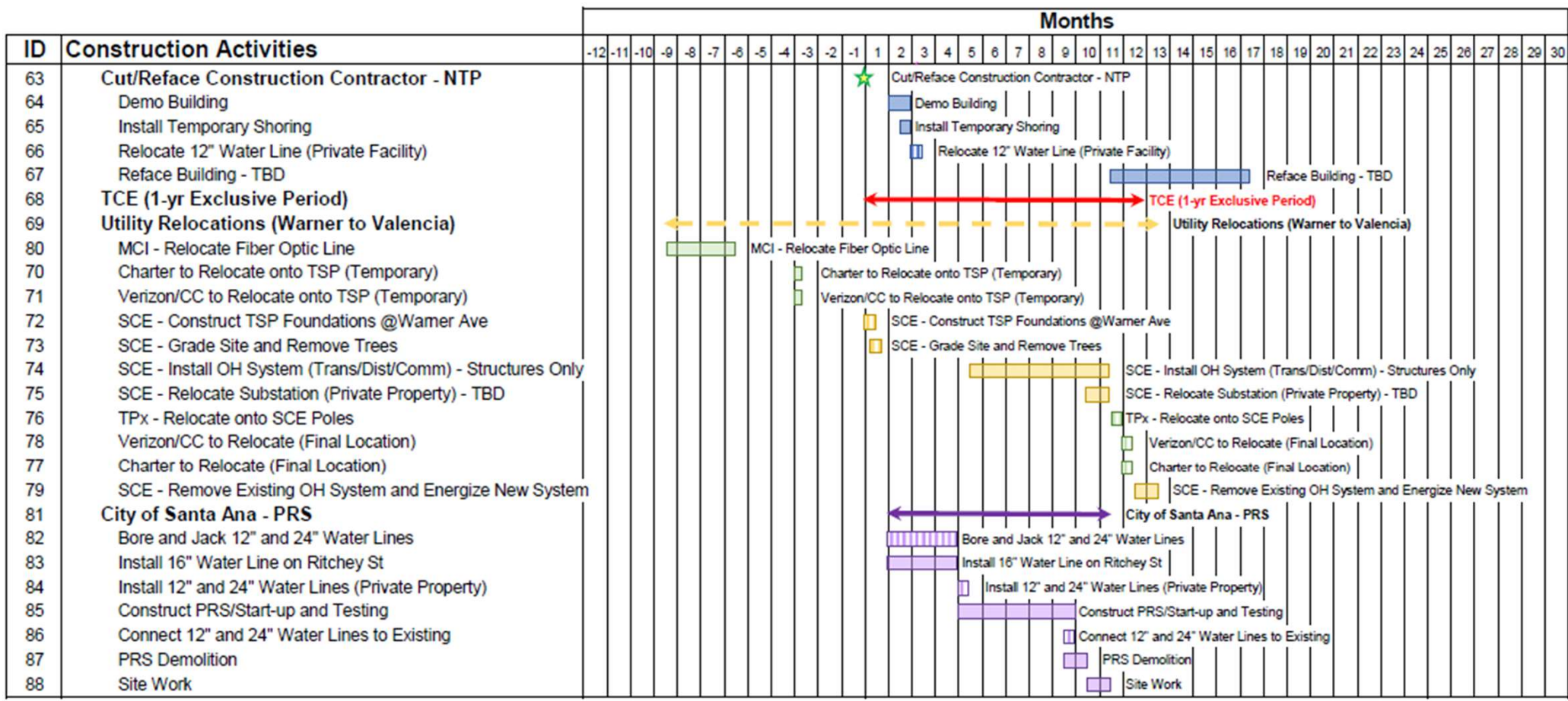
Extensive Utilities



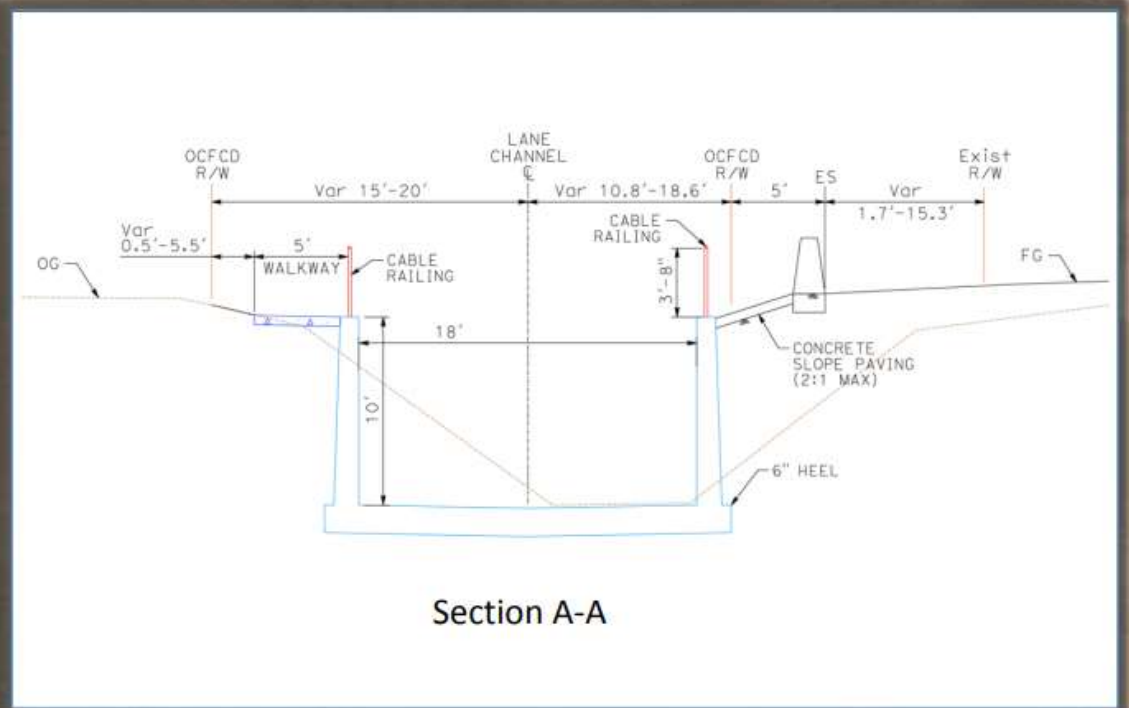
Utility Relocation Sequencing (north of Warner Ave)



Utility Relocation Schedule (1of 2)



OCFCD Lane Channel Reconstruction



Schedule



Milestone	Date
Complete Final Design	June 2021
Complete ROW and RTL	August 2021
Advertise for Construction	December 2021
Construction Phase	May 2022 - January 2026
Oversight of Early Utility Relocation Work	August 2021

Questions?

Balanced
Sustainable
Innovative

