

WEDNESDAY, MAY 29, 2019

BREA BLVD / BREA CANYON ROAD WIDENING PROJECT

ENVIRONMENTAL IMPACT REPORT
PUBLIC SCOPING MEETING

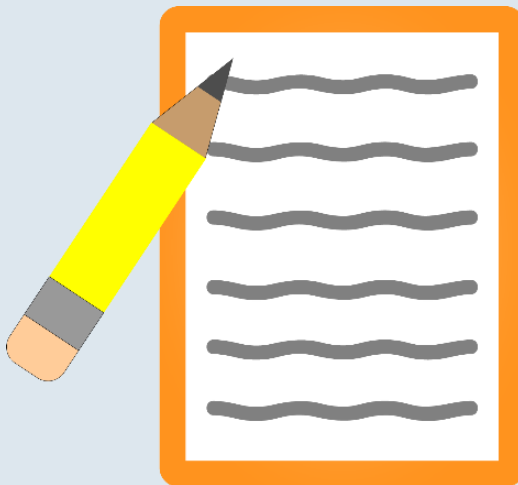
PUBLIC SCOPING MEETING PURPOSE



OC PublicWorks



Inform/Update the public about the Brea Boulevard / Brea Canyon Road Widening Project (proposed project)



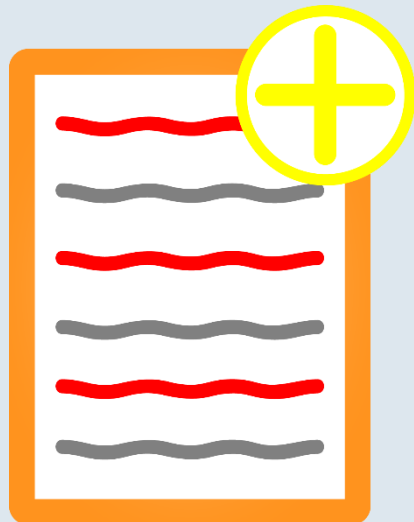
Receive public comments and input on the content of the Environmental Impact Report (EIR)

COMPARISON TO 2017 PROPOSAL



Project Updates

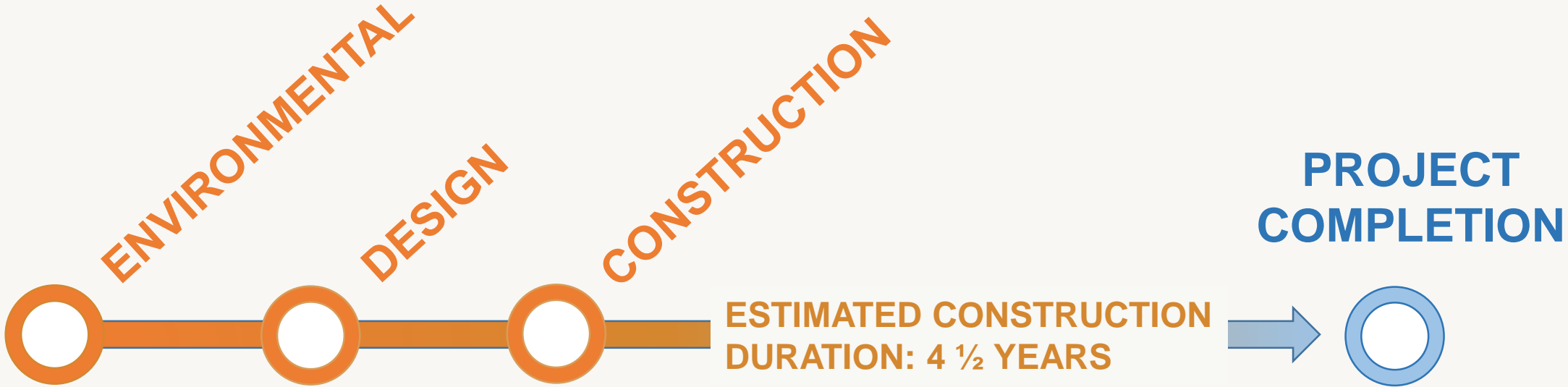
- Alignment
- Construction Phasing
- Project Limits



Project Additions

- Channel Improvements
- Signal

PROJECT PROCESS

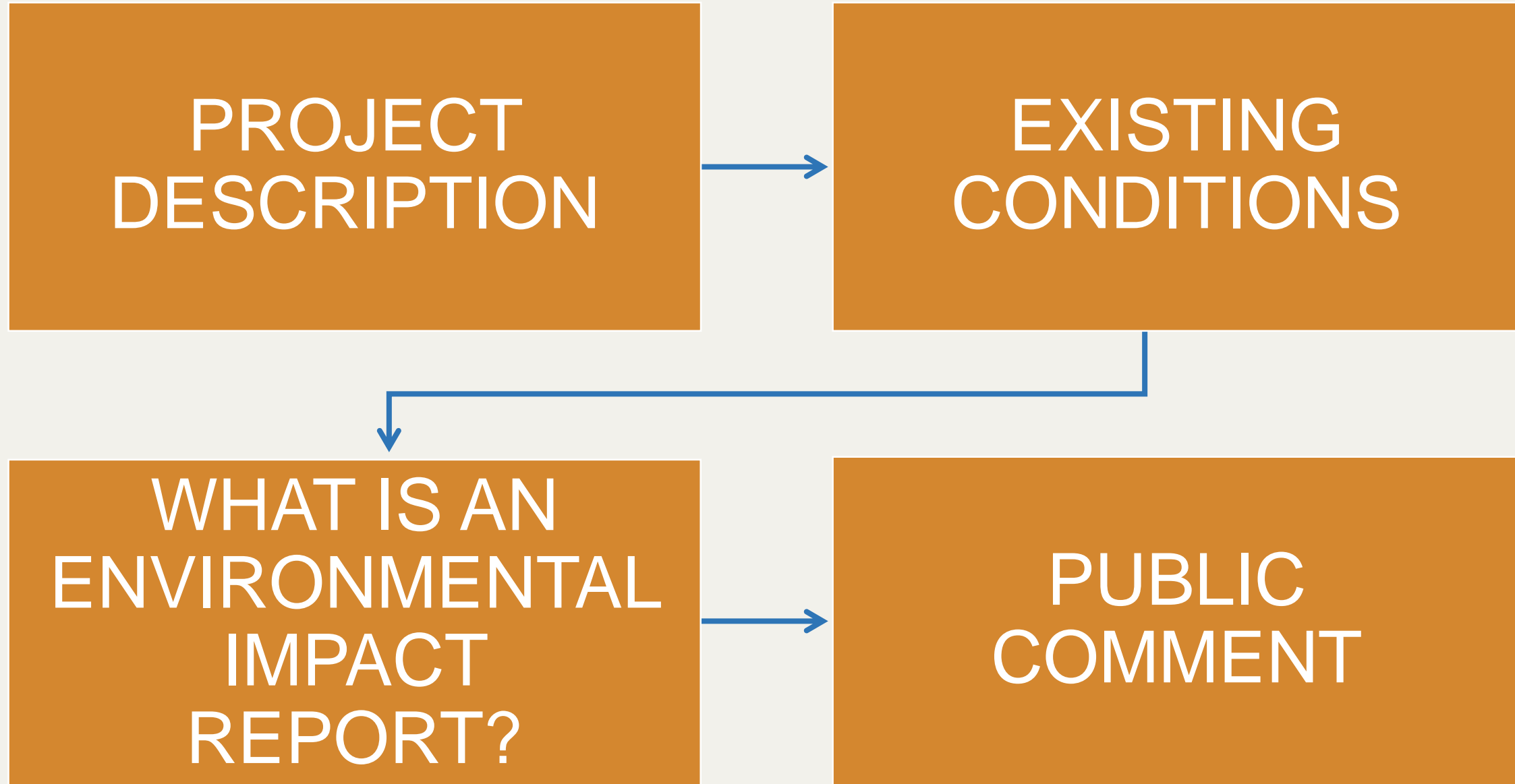


- Public scoping meeting
- Receive Comments
- Finalize EIR

- Public outreach meeting

- Multiphase

MEETING AGENDA



WHY IS THE PROJECT NEEDED?



PROJECT PURPOSE

- **Improve Safety**
- **Improve Traffic Flow**
- **Reduce Roadway Flooding**
- **Replace Deficient Bridges (80 years old)**
- **Meet Roadway Classification**

PROJECT LOCATION



EXISTING PROJECT AREA CONDITIONS



Brea Canyon Road

- Road limits: approx. 1.4 mile segment
- 30 feet wide
- 2 lanes
- Undivided highway

Brea Canyon Channel

- Flood limits: approx. 1,100-foot segment
- 30 feet wide
(bottom width)
- Riprap
(lined with rock)
- Side Slopes
1:1.5 *(H:V)*

EXISTING ROAD CONDITIONS



- **3 bridge crossings within the road limits**
- **3 intersections within the road limits**
 - *Tonner Canyon Road*
 - *Canyon County Road*
 - *Canyondale Drive*
- **Multiple driveway access points**
- **Posted speed limit**
 - *55 mph in unincorporated portion*
 - *45 mph in City of Brea*
- **Sight-lines do not meet current design standards**
- **High congestion during AM & PM peak hours**

EXISTING ROAD CONDITIONS



PROPOSED PROJECT



PROPOSED ROADWAY IMPROVEMENTS



- **Road widening**
 - *11-foot min. lane width*
 - *6-foot to 10-foot shoulder width*
- **Road median**
 - *12-foot to 14-foot raised median OR;*
 - *6-foot wide w/concrete barrier*
- **Multiple retaining walls**
- **Horizontal & vertical realignment**

PROPOSED ROADWAY IMPROVEMENTS



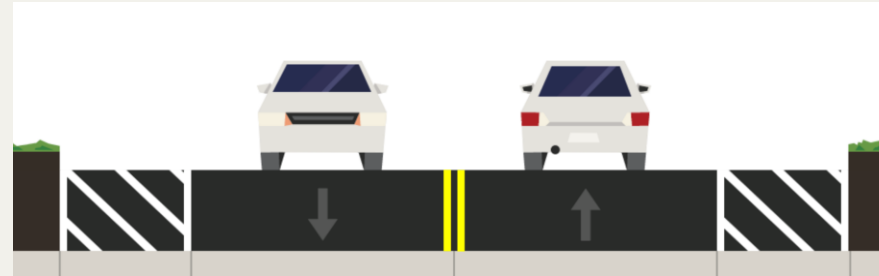
- **New signal at Tonner Canyon Road**
- **Signalized driveway**
- **Signal modification at Canyon Country Road**
- **Replace 3 bridges**
- **Modify culverts**
- **Relocate utilities**
- **Improve/modify existing driveway access**

PROPOSED ROADWAY IMPROVEMENTS



OC Public Works

EXISTING ROADWAY



PROPOSED ROADWAY



PROPOSED CHANNEL IMPROVEMENTS



OC Public Works

EXISTING CHANNEL



PROPOSED CHANNEL



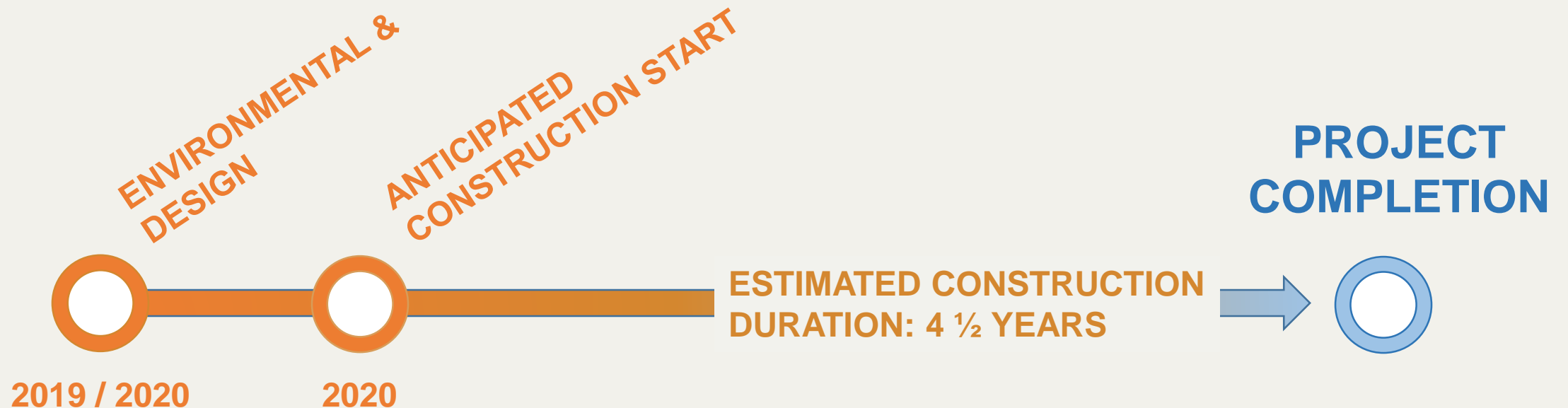
C05 – East Garden Grove Wintersburg Channel

CONSTRUCTION

- **Multi-phase construction**

1. Utility infrastructure & relocation
2. Bridges, walls, grading & roadway transitions
3. Roadway & signals

Conceptual Cost Estimate
~ \$60M



EIR PURPOSE

- **Evaluates potential environmental impacts**
- **Provides detailed information for:**
 - *Environmental effects*
 - *Ways to minimize significant environmental effects*
 - *Reasonable alternatives*
- **Satisfy California Environmental Quality Act (CEQA) Requirements**
- **Lead agency = County of Orange**

ENVIRONMENTAL ISSUES

Issues to be Assessed in the EIR

- **Aesthetics**
- **Air Quality**
- **Biological Resources**
- **Cultural Resources**
- **Energy**
- **Geology / Soils**
- **Greenhouse Gas Emissions**
- **Hazards & Hazardous Waste**
- **Hydrology / Water Quality**
- **Land Use / Planning**
- **Noise**
- **Transportation / Traffic**
- **Tribal Cultural Resources**
- **Wildfire**
- **Mandatory Findings of Significance**

NEXT STEPS



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graph LR; A[Review / Consider Comments] --> B[Incorporate Comments into EIR]; B --> C[Prepare Technical Studies & Draft EIR];
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Review /
Consider
Comments

Incorporate
Comments
into EIR

Prepare
Technical
Studies &
Draft EIR

PUBLIC COMMENTS

- **Submit your comment**
 - **Verbally** (*2 minute limit*)
 - **Comment Card** (*hand-in or mail-in*)
 - **Email**
- **Comment period deadline: June 19, 2019**





THANK YOU