

VMT Implementation













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Moderator – Provide SB 743 Background



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Ensure that the environmental impacts of traffic, such as noise, air pollution, and safety concerns, continue to be properly addressed and mitigated through CEQA.

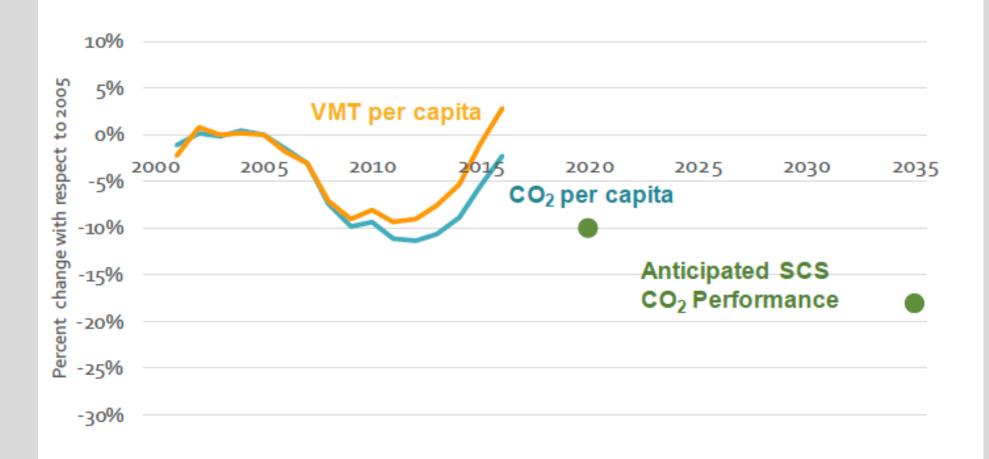
More appropriately balance the needs of congestion management with statewide goals related to:

- Infill development
- Promotion of public health through active transportation (e.g., walking, biking)
- Reduction of GHG emissions



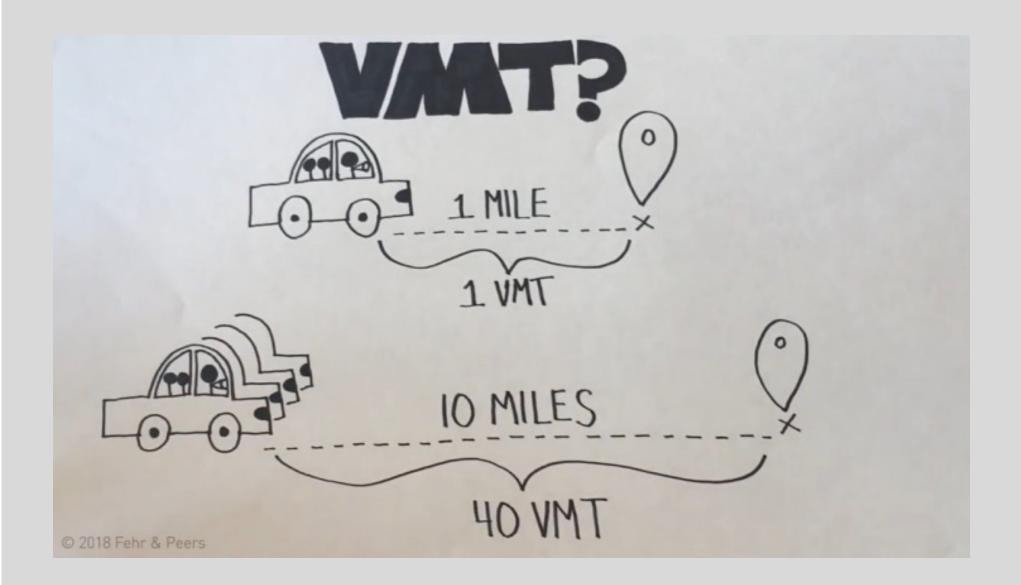


Statewide CO₂ and Vehicle Miles Traveled (VMT) Per Capita Trend with Respect to Anticipated Performance of Current SB 375 SCSs²



Source: CDTFA, U.S.EIA, U.S.EPA, CARB









September 2013 Governor Signed Bill

November 2017 - OPR Finalized Guidelines

December 2018 - Natural Resources Agency updated **CEQA Guidelines**

July 2020 - Optin Period Ended





- 1. What is the preferred methodology for estimating and forecasting VMT considering that this metric is a required input for air quality, energy, GHG, and now transportation impact analysis in CEQA?
- 2. What are the significance thresholds for VMT impacts under 'baseline' and 'cumulative' conditions?
- 3. Does the lead agency want to take advantage of VMT impact screening?
- 4. What mitigation does the lead agency consider to be feasible for VMT impacts?



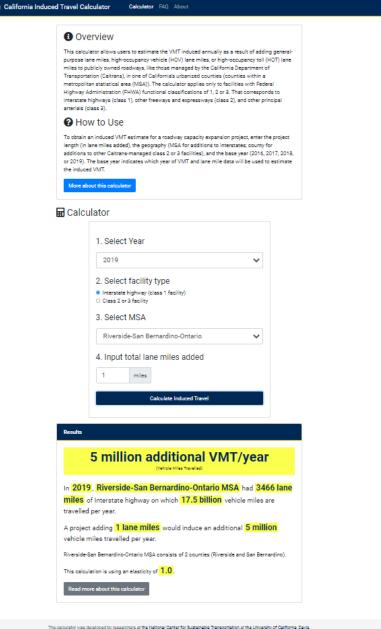


Added Lanes = Induced Travel

Caltrans will require projects to fully mitigate their VMT impact

How do we mitigate VMT Impacts?

- Ad-Hoc Approach
- Regional Approach VMT Bank/Exchange

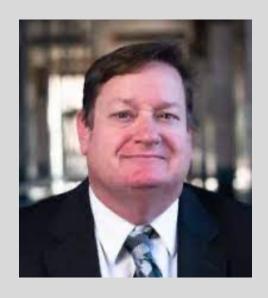






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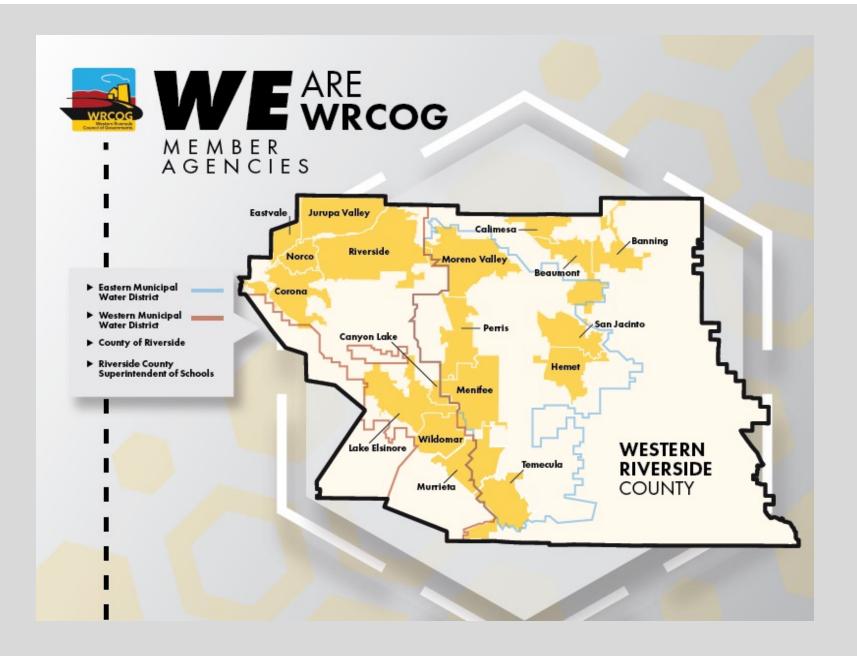




Chris Gray, AICP; Deputy Director, WRCOG Regional VMT Implementation Approach





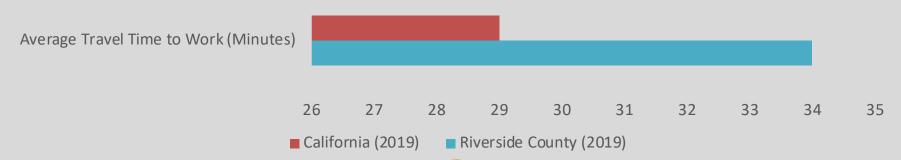






- Western Riverside County
- 2020 Population was 2 Million
- Largest City is Riverside (300K)
- Most cities are in the 50-100K population range
- Predominant land use is single-family residential, commercial, and industrial uses
- Significant out-commuting to LA, Orange County, and San Diego for work

Journey to Work Data



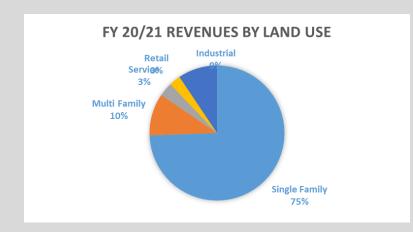


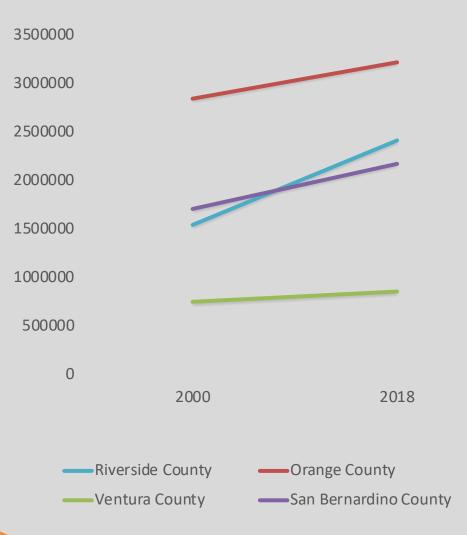


Historical and Future Growth

Population Growth

- One of the fastest growing counties in the region
- Majority of growth is residential (85% of new development)
- Most new units are single-family
- Industrial is the second biggest category









- Key staff members had been consultants prior to working at WRCOG
- We saw SB 743 as a challenging issue for our region given our development patterns, our growth, and other considerations
- WRCOG has a history of developing regional programs to provide services to our members (economy of scale)
- Few of our jurisdictions had even considered any type of SB 743 response



- Assist member agencies in implementing SB 743
 - What methodology is appropriate for analyzing Vehicle Miles Traveled (VMT) impacts?
 - What threshold options exist for determining significant VMT impacts?
 - What mitigation is feasible for reducing VMT impacts?
- Reduce implementation costs for member agencies
 - This was conducted so each agency does not have to do their own
- Provide sufficient documentation for our member agencies to have
 Substantial Evidence should their guidelines or approaches be challenged



- OPR technical advisory indicates that tools used to evaluate VMT must be consistent with methodology used to determine VMT thresholds.
- Study analyzed the following options for baseline VMT methodology:
 - 1. Regional SCAG model
 - 2. RIVTAM
 - 3. 2010-2012 California Household Travel Survey (CHTS)
- WRCOG recommended utilizing a travel demand model
 - WRCOG partnered with other regional agencies to update the travel model (RIVCOM)
 - New model will be updated and refined to improve compliance with SB
 743 expectations (i.e., full external trip lengths)



- OPR technical advisory indicates that tools used to evaluate VMT must be consistent with methodology used to determine VMT thresholds.
- Reviewed existing 11 sketch planning tools and travel demand forecasting models available for SB 743 VMT analysis in WRCOG subregion based on defensibility, sensitivity, and utility.
- WRCOG did not recommend use of available sketch planning tools to estimate project-generated VMT for land use projects if thresholds based on RIVTAM or SCAG model.





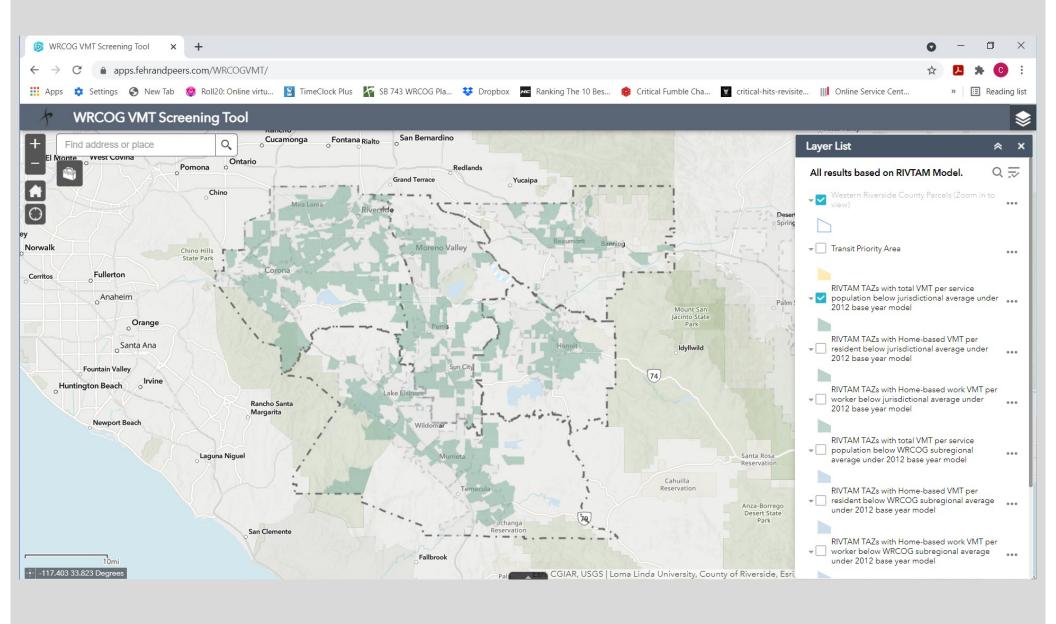
- Study analyzed four options for lead agencies setting thresholds:
 - 1. Rely on OPR Technical Advisory thresholds
 - Set thresholds consistent with lead agency air quality, GHG reduction, and energy conservation goals
 - 3. Set thresholds consistent with RTP/SCS Future Year VMT projections by jurisdiction or subregion
 - 4. Set thresholds based on baseline VMT performance
- Recommend either of the following <u>thresholds</u> to determine significant impacts:
 - 1. Below City-wide average VMT, or,
 - 2. Below WRCOG regional average VMT



- WRCOG recommended that agencies develop screening criteria to limit the need for smaller projects to evaluate SB 743 impacts
- Screening based on project size, type of use such as localserving retail, and other similar considerations
- Developed a screening tool to help identify areas where projects were also screened out as well
- Screening also based on proximity to transit











- WRCOG has looked at continued support to the subregion
 - Held workshops prior to VMT implementation to provide updates to staff, consultants, and other parties on WRCOG efforts
 - Provided jurisdictions sample traffic study guidelines to integrate
 SB 743 analyses
 - Prepared sample staff reports to assistance jurisdictions with process of adopting VMT methodology, VMT thresholds, and VMT mitigation measures
- Developed a website (http://www.fehrandpeers.com/wrcog-sb743/) to help people with SB 743 analyses and provide more background information
- Continue to conduct research on how to assist jurisdictions with VMT mitigation





Charity Schiller; Partner, Best Best & Krieger CEQA/Legal Concerns with VMT Implementation





- CEQA process still fundamentally the same: describe project; calculate VMT impact; compare to threshold; mitigate (or consider alternatives) if potentially significant.
- But many legal implementation challenges:
 - How do we develop a threshold of significance?
 - How do we analyze VMT?
 - How do we mitigate?
 - How do we use "older" CEQA documents that don't analyze VMT?
 - What does all of this mean from a litigation perspective?





- A threshold of significance is "an identifiable quantitative, qualitative, or performance level of a particular environmental effect, non-compliance with which means the effect will normally be determined to be significant by the agency and compliance with which means the effect normally will be determined to be less than significant." (State CEQA Guidelines, § 15064.7(a).)
- CEQA affirmatively encourages agencies to adopt jurisdiction-wide thresholds, but also allows agencies to identify its thresholds on a case-by-case basis.



- Threshold can be either qualitative or quantitative.
 - <u>Caveat for VMT</u>: State CEQA Guidelines 15064.3(b)(3) states that a qualitative analysis of VMT is permitted "if existing models or methods are not available to estimate the vehicle miles traveled."
- Thresholds that are to apply to all projects must be adopted by ordinance, resolution, rule, or regulation and following a "public review process".
- Threshold must be supported by "substantial evidence."



- The practical side of this:
 - If VMT threshold is too low, an EIR will be required for virtually every project.

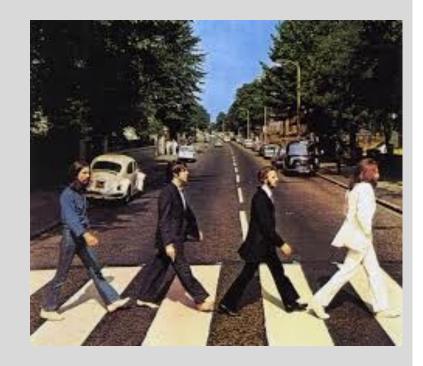


If VMT threshold is too high (i.e., illusory),
 this may subject the agency to legal
 challenge both as to its initial adoption of
 the threshold and potentially as to its later
 application to subsequent projects. (State
 CEQA Guidelines 15064(b)(2) ["Compliance
 with the threshold does not relieve a lead
 agency of the obligation to consider
 substantial evidence indicating the
 project's environmental effect may still be
 significant."





- Lead agencies maintain broad discretion to formulate thresholds of significance. (E.g., San Francisco Baykeeper, Inc. v. State Lands Commission (2015) 242 Cal.App.4th 202, 227.)
- Significance <u>conclusions</u> are reviewed under the substantial evidence test.
- <u>But</u>, courts can be skeptical in reviewing the thresholds. "We begin with the broadest question posed: Did DFW abuse its discretion in adopting consistency with [AB 32's] reduction goals as its significance criterion for the project's [GHG] emissions? We review the issue de novo, as it is predominately a legal question of correct CEQA procedure." (Center for Biological Diversity v. Department of Fish & Wildlife (2015) 62 Cal.4th 204 ("Newhall Ranch").)









- Agencies must analyze all those impacts that are reasonably foreseeable. (State CEQA Guidelines, § 15064.)
- CEQA does not require lead agencies to analyze impacts that are speculative. (State CEQA Guidelines, § 15145.)
- Substantial Evidence = Facts,
 Reasonable Assumptions Predicated
 Upon Facts, and Expert Opinion
 Supported By Facts. (State CEQA
 Guidelines, § 15384.)
- Show your work, and use small words.



- Agencies <u>choice</u> of one model over another is entitled to review under CEQA's "substantial evidence" test. (City of Hayward v. Trustees of California the California State University (2015) 242 Cal.App.4th 833, 839.)
- But that does not mean that an agency's chosen methodology is beyond challenge. (See Newhall Ranch (2015) 62 Cal.4th 204.)
- Reliance on your technical experts and consultants is critical here.





- State CEQA Guidelines 15126.4 requires that mitigation:
 - Be "feasible". Capable of being accomplished in a successful manner within a reasonable period of time, taking into account economic, environmental, social, and technological factors.
 - Have a "nexus" to the Project's impacts. (Nollan v. California Coastal Commission (1987) 483 U.S. 825.) Greater emphasis on measures that reduce or offset VMT (bicycles, pedestrian, train, busing, carpool).
 - Be "roughly proportional" to Project impacts.
 (Dolan v. City of Tigard (1994) 512 U.S. 374.)
 Large-scale mitigation comes with large-scale price tags; regional mitigation may be an option.
 - Be fully enforceable (i.e., it must actually DO something). Consider whether we can meet this test for MMs such as bus passes or ride-sharing...







- Are impacts caused by roadways themselves, or by the land uses that utilize it?
- How to show that "mitigation" is additive (over and above what would normally happen)?
- More pressure to "bundle" projects that reduce VMT with projects that increase VMT? A new way of looking at project planning?
- If LOS is no longer an "impact," what does this mean for current "mitigation" schemes?
- BOTTOM LINE: More significant and unavoidable impacts, and more EIRs for development projects.





- Once a CEQA document has been adopted and a Project has been approved, the statute of limitations applicable to the adequacy of CEQA review begins to run. (Public Resources Code 21166.)
 - Consistent with CEQA's statutory goal of encouraging finality, and allowing important public projects to proceed.
 - EIRs, in particular, are presumed valid indefinitely.
- Thereafter, further environmental review of the Project is generally precluded <u>unless</u> one of the narrow circumstances under Public Resources Code 21166/State CEQA Guidelines 15162 has arisen, showing new <u>significant</u> impacts:
 - Project is changed in a way requiring substantial revisions to CEQA document
 - Circumstances have substantially changed.
 - New information that was not known and could not have been known with the exercise of reasonable diligence at the time of the prior review becomes available.





- Consider (in the VMT context), the application of *Citizens for Responsible Equitable Environmental Development v. City of San Diego* (2011) 196 Cal.App.4th 515:
 - "The effect of greenhouse gas emissions on climate could have been raised in 1994 when the City considered the FEIR. A challenge to an EIR must be brought within 30 days of the lead agency's notice of approval. Under subdivision (c) of Public Resources Code section 21166, an agency may not require an SEIR unless new information, which was not known and could not have been known at the time the [EIR] was certified as complete, becomes available. After a project has been subjected to environmental review, the statutory presumption flips in favor of the developer and against further review. Section 21166 comes into play precisely because in-depth review has already occurred [and] the time for challenging the sufficiency of the original EIR has long since expired." (Internal citations/quotations omitted.)





- CEQA continues to be a cudgel for many groups.
- Every uncertainty is an opportunity for legal challenge.
- Litigation costs are especially tough on public projects without private sponsors —<u>including nearly all</u> transportation projects.
- Practical problem, because many potential challengers care little about VMT, and more about delay.





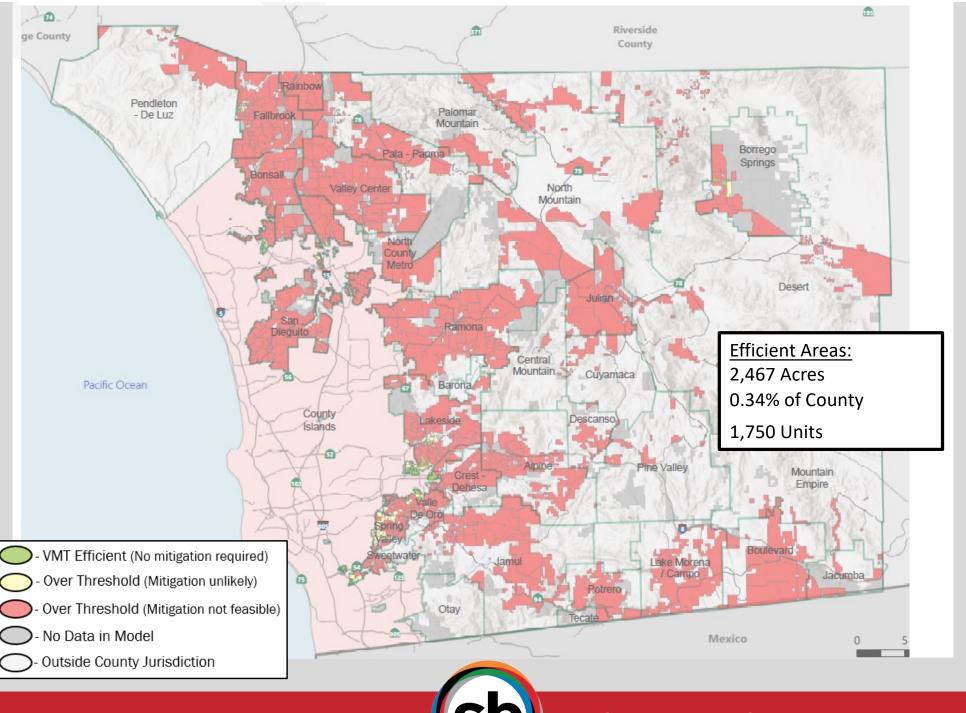




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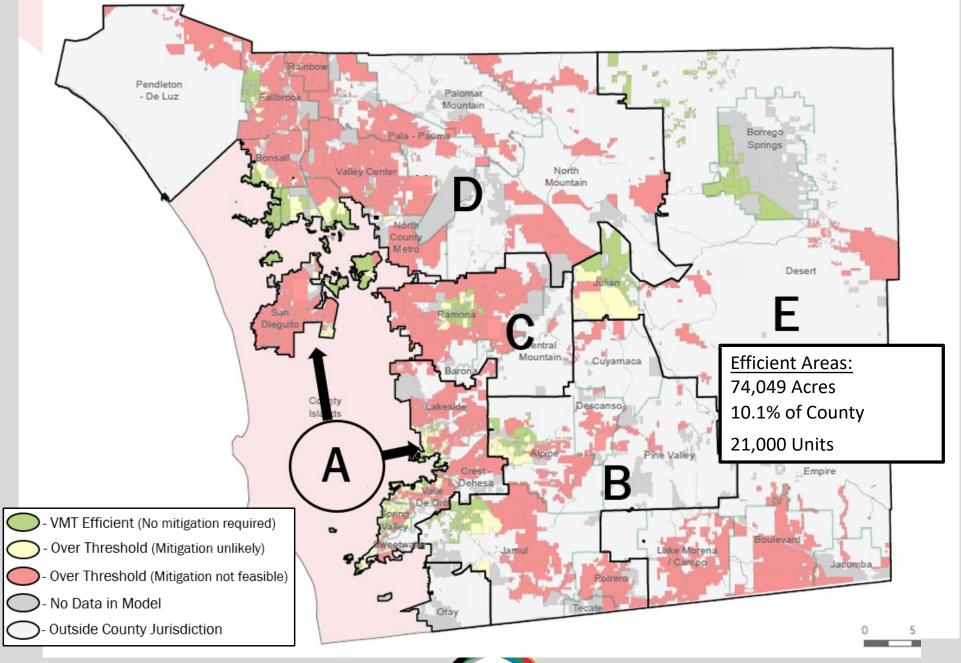






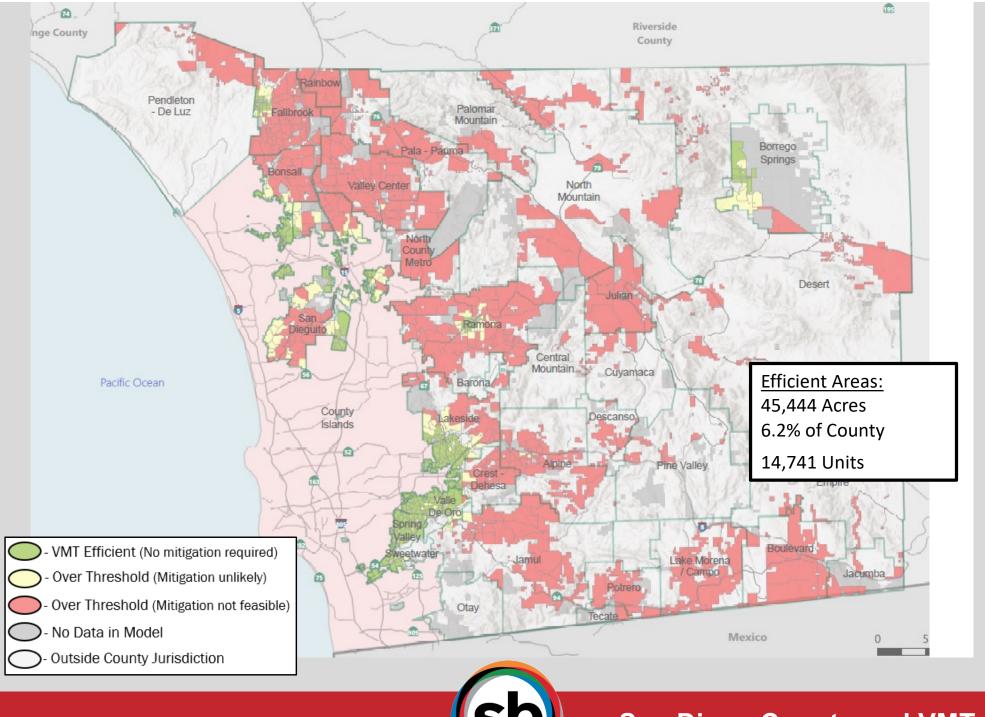


















ADOPTED (June 2020)

- 15% Below Unincorporated Average Threshold
- OPR Recommended Screening Criteria

LITIGATION (September 2020)

- Lawsuit filed against County
 - Geography
 - Small Project
 - CEQA

OPR FAQ Update (June 2021)

Clarification of "Region"

Rescinded TSG (September 2021)

13 Items

Infill

Quantification of Infill for County





