

ALAMEDA COUNTY TRANSPORTATION COMMISSION

Alameda County VMT Reduction Estimator Tool: Demonstration of Tool





A presentation to the ACTAC

Aleida Andrino-Chavez, Julie Morgan and Drew Levitt

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FEHR PEERS

Presentation Overview

- Purpose of Developing an Alameda County Tool
- Summary of Previous Work
 - > Review SANDAG Tool
 - > Gathered Stakeholder Input
 - > Approach for Development of Alameda County Tool
- Description of VMT Reduction Estimator Tool
- Tool demonstration
- Questions/comments



Alameda County VMT Tool Development

Purpose of VMT Reduction Estimator Tool

- Assist member agencies with implementation of SB743
- Consistent method for use throughout Alameda County
- Develop a tool to estimate the effects of VMT reduction strategies proposed for local land development projects
- Build from a tool developed for San Diego Association of Governments, and customize for Alameda County



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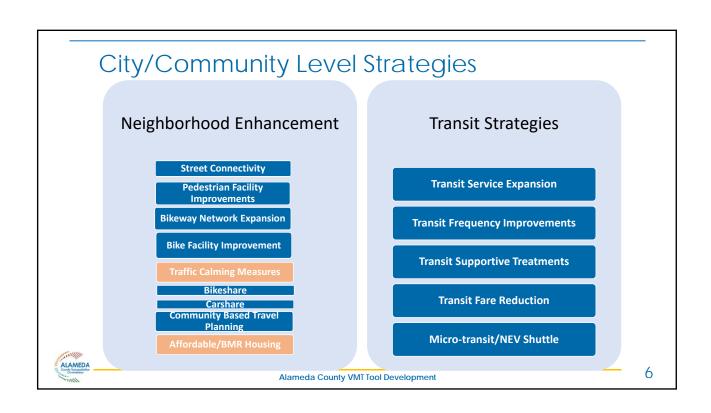
Previous Work

- Reviewed SANDAG VMT Calculator Tool
 - > Explore strengths and limitations
- Gathered Stakeholder Input
 - > SB743 Working Group (3 meetings); ACTAC (2 meetings)
 - > Online survey
- Confirmed Approach for Alameda VMT Reduction Estimator Tool
 - > Add six strategies to those already in SANDAG tool
 - > Use Alameda County model data for demographics and land use context



Alameda County VMT Tool Development





Tool Structure and Functions

- Excel workbook
- User enters project location by TAZ
- Tool contains data on many attributes of each TAZ that affect how VMT reduction strategies will work: population and employment density, mode split, trip lengths, others
- User selects VMT reduction strategies and enters required inputs
- Tool estimates the % VMT reduction resulting from that combination of strategies in that location

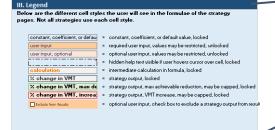


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- Main page provides context, instructions
- Tool includes FAQ page



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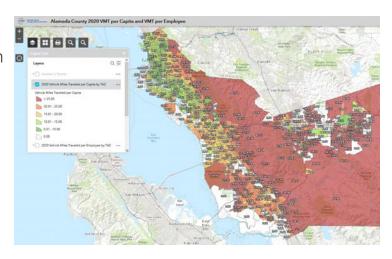
ALAMEDA CTC VMT REDUCTION CALCULATOR TOOL

ALAMEDA County Transportation Commission

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Tool Fundamentals

 User specifies project location using Alameda CTC VMT map



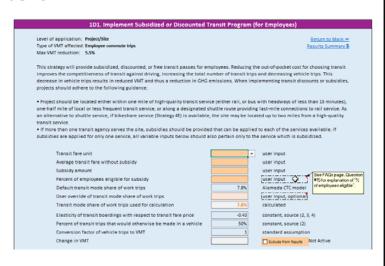


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Tool Fundamentals

- One tab for each Strategy
- Each strategy's tab includes description, formula, citations, and explanatory notes





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Tool Demonstration



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Comments Received by Working Group and Next Steps

- Comments from the Working Group
- Receive comments from ACTAC today
- Complete the Design Document and User Guide
- Post tool and resources on Alameda CTC website this Summer



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Thank You

For more information, contact
Aleida Andrino-Chavez at
aandrino-chavez@alamedactc.org

Alameda County Transportation Commission • 1111 Broadway, Suite 800 Oakland, CA 94607 • 510.208.7400