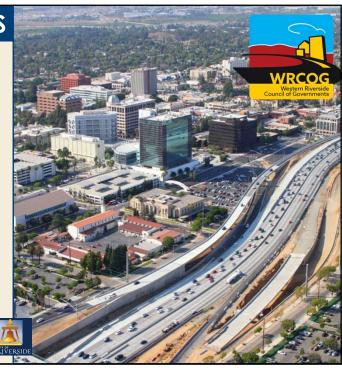
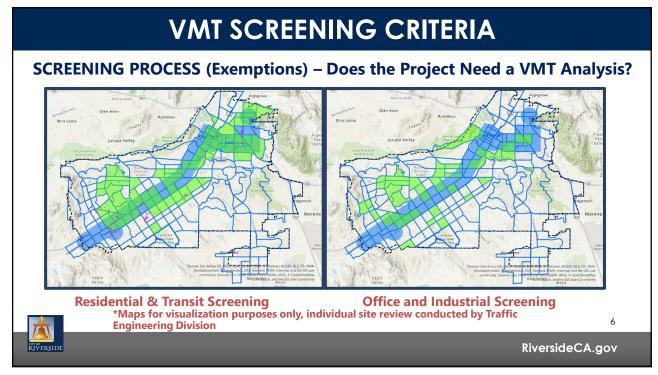
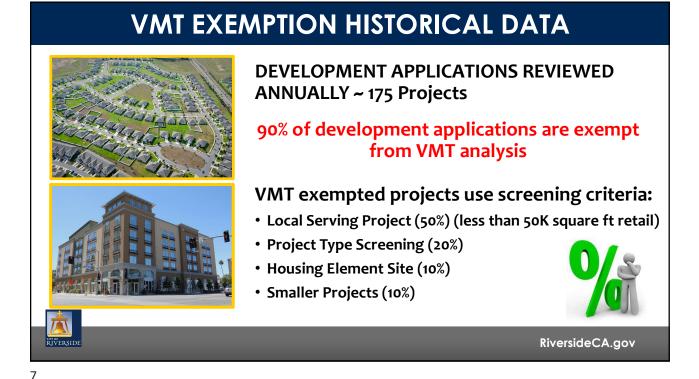


# VMT EXEMPTION PROCESS

- W.R.C.O.G. Traffic Impact Study Guidelines with VMT Methodology Blueprint (Adopted 2020)
- VMT Screening Tool Map of low, moderate or high VMT area & compares to thresholds
- Project Type Screening
  - 1. Transit Priority Area (TPA)
  - 2. Low VMT Area
  - 3. Project Type
  - 4. Mixed Use Projects
  - 5. Redevelopment Projects

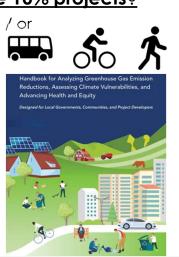






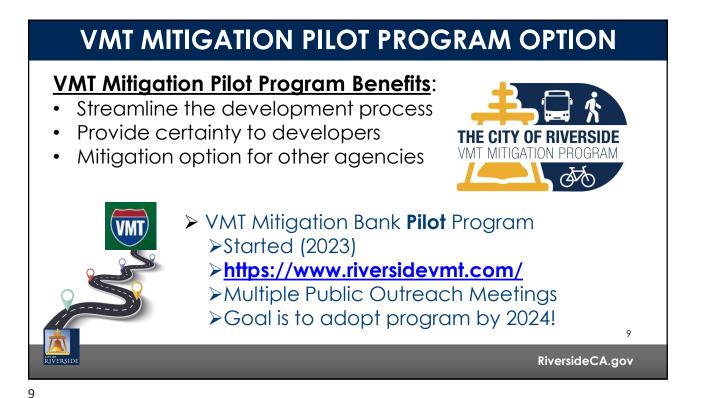
### • How To Mitigate Significant VMT Impacts of the 10% projects?

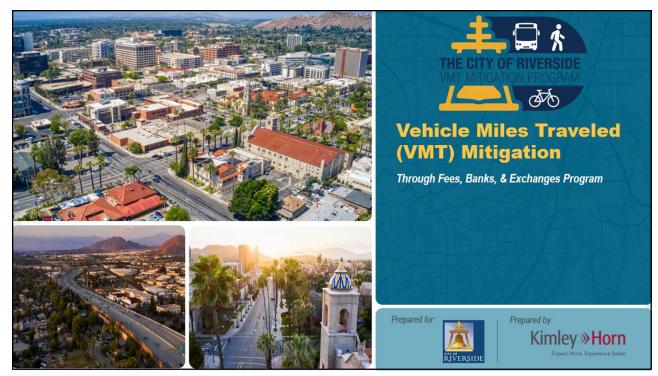
- Mitigation measures from CAPCOA Handbook and / or
- Prepare an Environmental Impact Report (EIR)
- VMT Mitigation Costs:
  - EIR costs in the range of 100K-400K; EIR = TIME
  - Schedule will take months
  - Capital improvements can be excessive
- VMT Mitigation Lessons Learned:
  - Not so simple as state mandate for local agencies
  - Local agency approach varies widely
    - Full VMT mitigation may not be feasible



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# VMT MITIGATION PILOT PROGRAM PURPOSE

# **Study Purposes**

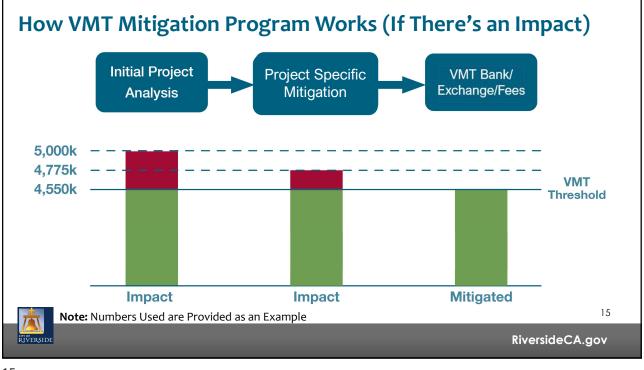
- Identify new solutions to mitigate significant transportations impacts
- Provide information to public about VMT
- Evaluate the feasibility of a VMT Mitigation Program

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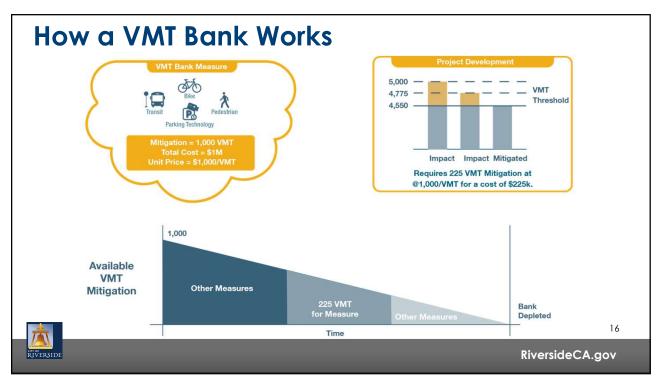


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#### VMT MITIGATION PILOT PROGRAM RECOMMENDATION VMT Bank is the Recommended Framework VMT Bank VMT Exchange VMT Impact Fee \$ $\overline{\mathbf{m}}$ ~ ~ **Predefined Projects** × ~ × × Applicant Can Provide a Project Option V/X × ~ Experience Administering Similar Programs V/X × Can Result in Low Cost per VMT Reduced $\checkmark$ Supportive of All SB 743 Goals ~ ~ V/X 14 RIVERSIDI **RiversideCA.gov** 14







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Project ID	Roadway	Ward	Description	Cost	VMT Reduced	Cost/VMT
14	Columbia Avenue	1	Stripe bike lane between American Dr and Salmon River Rd	\$41,719	90	\$462
15	Cypress Avenue	6,7	Stripe bike lane between La Sierra Ave and Crest Ave	\$38,800	145	\$267
16	Orange Street	1	Construct separated bikeway between 14th St and 3rd St	\$176,239	733	\$240
17	Hole Avenue	6	Stripe buffered bike lane between Collett Ave and Magnolia Ave	\$ 63,360	322	\$197
18	Tyler Street	6,7	Stripe bike lane between Diana Ave and Arlington Ave	\$110,000	571	\$193
19	University Avenue	2	Construct a buffered bike lane between Iowa Ave and Campus Dr	\$133,358	750	\$178
20	Jackson Street	5	Construct bike path between Diana Ave and Magnolia Ave	\$54,600	310	\$176
21	Adams Street	5	Strip buffered bike lane between Diana Ave and Arlington Ave	\$83,200	738	\$113
22	Brockton Avenue	3	Stripe bike lane between Magnolia Ave and Beatty Dr	\$62,605	593	\$106
23	California Avenue	5	Stripe buffered bike lane between Van Buren Blvd and Adams St	\$76,800	801	\$96
24	Van Buren Boulevard	5,6	Stripe buffered bike lane between SR 91 and Arlington Ave	\$161,600	1,904	\$85
25	Monroe Street	5	Stripe buffered bike lane between Diana Ave and Arlington Ave	\$90,400	1,308	\$69
26	Gramercy Place	6	Strip bike boulevard between Crest Ave and Rutland Ave	\$4,400	129	\$34
27	Colorado Avenue	5	Stripe bike boulevard between Van Buren Blvd and Adams St	\$25,944	1,606	\$16
28	Rutland Avenue	6	Stripe bike boulevard between Wells Ave and Arlington Ave	\$15,072	1,058	\$14
29	Wells Avenue	6	Stripe bicycle route between Tyler St and Crest Ave	\$5,960	614	\$10
	Total				11,672	\$98

oject ID	Roadway/Route	Ward	From/To or Route Name	Cost	VMT Reduced	Cost/VMT
14	Columbia Avenue	1	Stripe bike lane between American Dr and Salmon River Rd	\$41,719	90	\$462
15	Cypress Avenue	6,7	Stripe bike lane between La Sierra Ave and Crest Ave	\$38,800	145	\$267
16	Orange Street	1	Construct separated bikeway between 14th St and 3rd St	\$176,239	733	\$240
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28	Rutland Avenue	6	Stripe bike boulevard between Wells Ave and Arlington Ave	\$15,072	1,058	\$14
29	Wells Avenue	6	Stripe bicycle route between Tyler St and Crest Ave	\$5,960	614	\$10
32	10	N/A	Riverside/Watkins-Galleria	\$5,900,000	2,285	\$2,582
33	22	N/A	Riverside - Perris	\$5,900,000	2,797	\$2,109
34	13	N/A	Hunter Park Metro-Galleria	\$5,900,000	2,990	\$1,973
35	14	N/A	Galleria-Loma Linda VA	\$5,900,000	3,142	\$1,878
36	12	N/A	Corona Hills Plaza/Riverside/La Cadena-Merced	\$5,900,000	3,553	\$1,660
37	15	N/A	Riverside/Downtown-Merced	\$5,900,000	4,227	\$1,396
Total				\$36.544.057	30,666	\$1,192

Note: Option B includes bike and transit improvements only. Transit improvements developed in coordination with RTA.

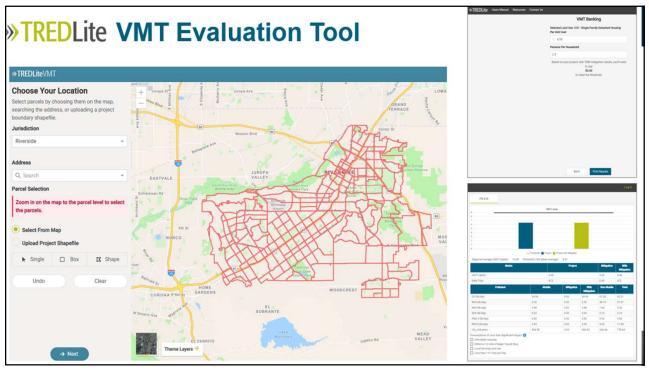
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# **Option C Mitigation Measure Package**

Project ID	Roadway/Route	Roadway/Route Ward From/To or Route Name		Cost	VMT Reduced	Cost/VMT
14	Columbia Avenue	1	Stripe bike lane between American Dr and Salmon River Rd	\$41,719	90	\$462
15	Cypress Avenue	6,7	Stripe bike lane between La Sierra Ave and Crest Ave		145	\$267
16	Orange Street	1	Construct separated bikeway between 14th St and 3rd St		733	\$240
17	Hole Avenue	6	Stripe buffered bike lane between Collett Ave and Magnolia Ave		322	\$197
18	Tyler Street	6,7	Stripe bike lane between Diana Ave and Arlington Ave		571	\$193
19	University Avenue	2	Construct a buffered bike lane between lowa Ave and Campus Dr \$		750	\$178
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32	10	N/A	Riverside/Watkins-Galleria	\$5,900,000	2,285	\$2,582
33	22	N/A	Riverside - Perris	\$5,900,000	2,797	\$2,109
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36	12	N/A	Corona Hills Plaza/Riverside/La Cadena-Merced	\$5,900,000	3,553	\$1,660
37	15	N/A	Riverside/Downtown-Merced	\$5,900,000	4,227	\$1,396
25	Orange Street	1	Complete street with 5.5-foot sidewalks between SR-60 and Center Street	\$1,000,000	24	\$41,667
22	Main St	1	Complete street with 5-8-foot sidewalks between Columbia Ave and Santa Ana River	\$1,000,000 \$39,544,057	30 30,720	\$33,333 \$1,287

Agency	VMT Mitigation Program Format	Status	Cost per VMT Reduced (\$/VMT Reduced)
City of Lancaster	VMT Mitigation Fee Optional Program	Implemented in 2023, with a cost basis of \$150/VMT	\$150/VMT reduced
City of Palmdale	VMT Bank	Implemented 2024, with a cost basis of \$261/VMT	\$261/VMT reduced
City of San Diego	Active Transportation In- Lieu Impact Fee	Implemented in 2020, with a cost basis of \$1,400/VMT	\$1,400/VMT reduced
City of Watsonville	VMT Bank	Implemented March 2023, with a cost basis of \$1,524/VMT	\$1,524/VMT reduced (maximum
San Bernardino County Transportation Authority (SBCTA)	VMT Bank	\$2,000,000 in grant funds awarded in 2024 to seed identified mitigation measures. Telework program expected to result in \$161/VMT reduced	\$161/VMT reduced
Western Riverside Council of Governments (WRCOG)	VMT Exchange	In development. Optional participation and expected to be implemented in 2025	-
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## VMT MITIGATION BANK PILOT PROGRAM **Recommendation and Remaining Steps** A Voluntary Pilot Program is recommended as the initial step VMT Banking Option A Mitigation Measures Package Most cost-effective measures **Remaining Steps** Committee Presentations Council Presentations and Adoption • Pilot Program Implementation and Evaluation • Final Program Determination Kimley »Horn 22 RIVERSID **RiversideCA.gov**



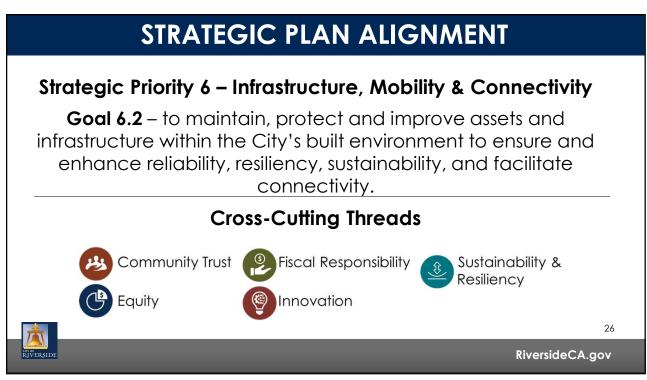
# VMT MITIGATION (ADDITIONAL CONSIDERATIONS)

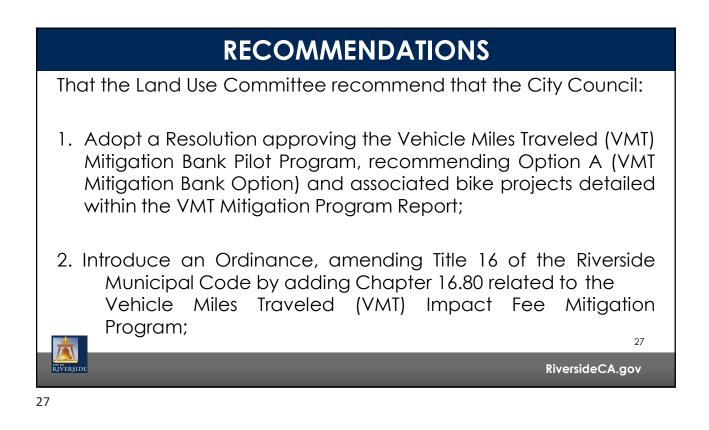
- VMT Bank Programs:
  - Funds will be utilized for VMT reducing projects (bike, ped & transit)
  - Cannot utilize funding for vehicle improvement projects
  - Proposed WRCOG VMT Mitigation **Exchange** Program
- General Plan Update:
  - Recommendations from VMT Mitigation Pilot Program
  - Programmatic EIR would allow for tiering of projects
- CEQA VMT Thresholds:
  - 2020 VMT Adoption 15% below baseline conditions
  - Amend CEQA VMT Threshold to baseline conditions
- consistent with other jurisdictions (Amend Reso. 23589)



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# RECOMMENDATIONS

- 3. Adopt a Resolution modifying the existing California Environmental Quality Act (CEQA) VMT transportation Impact threshold to the current jurisdictional baseline VMT per capita for new residential projects and the current jurisdictional baseline VMT per employee for new office and industrial projects and revise the Traffic Impact Analysis (TIA) Guidelines; and
- 4. Direct staff to conduct a workshop to educate the development community in the application of the new vehicle miles traveled mitigation program including a training session on the TredLite software to address projects with transportation related VMT impacts.

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