



Nevada County Regional Transportation Plan

Performance Matters

A look at Performance Measurement and its role in the Nevada County RTP Update
September 16, 2015

FEHR & PEERS

RTP Process Overview

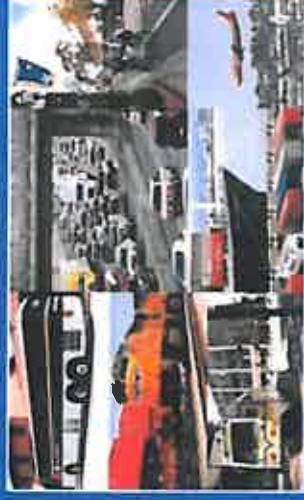
Data Collection

Public Outreach

Summarize Regional Issues,
Goals, Objectives, & Policies

Performance Measure
Development

2010 California
Regional
Transportation Plan
Guidelines



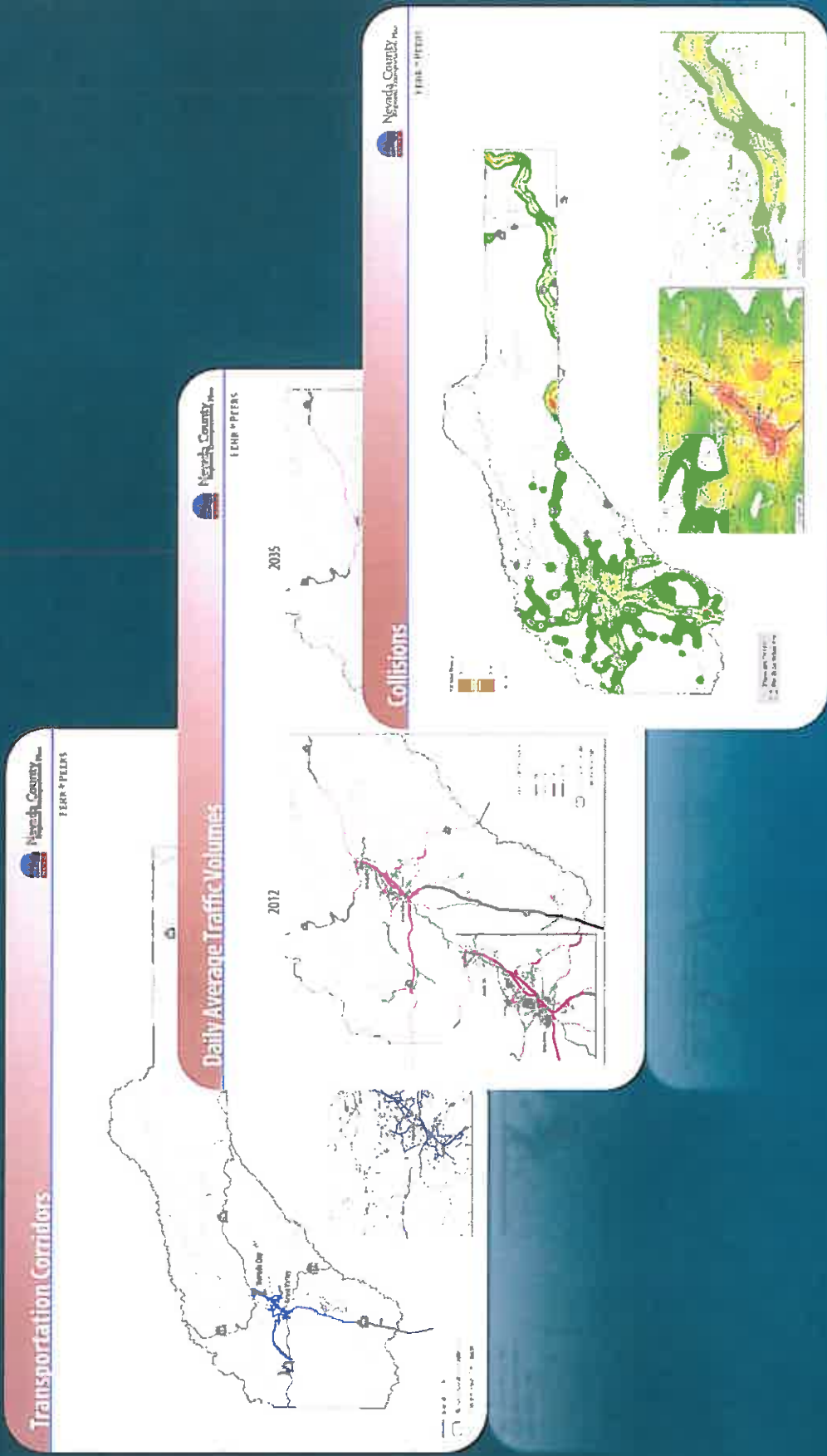
California Transportation Commission



Federal Highway Administration

FEHR PEERS

Data Collection...



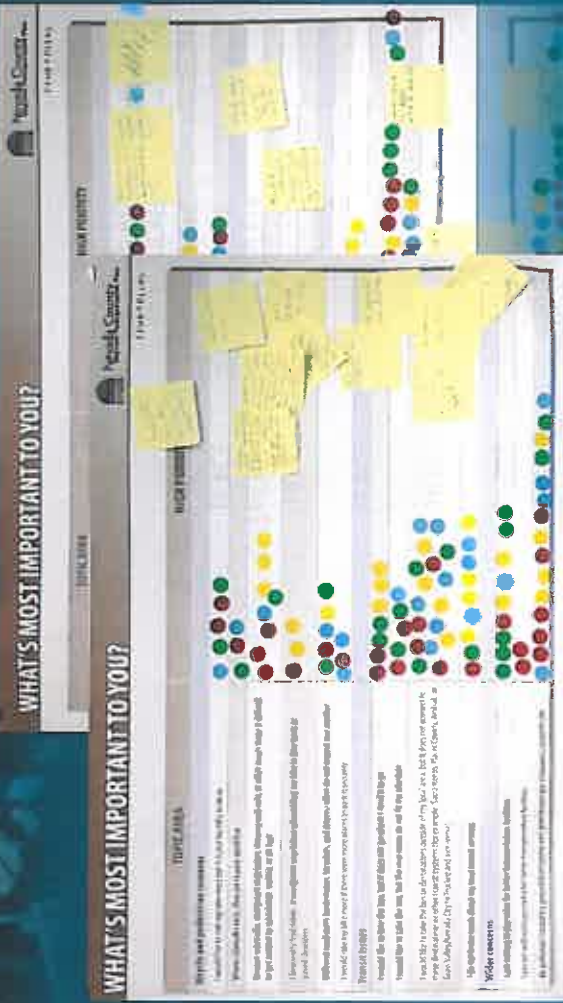
Public Outreach...



- Grass Valley Thursday Night Market (August 6th)
- Truckee Thursdays (August 13th)
- Nevada City Farmers Market (August 15th)

- Priority Votes - 575
- Comment Cards - 31
- Online Survey Responses - 29*
- <http://nctcrtp.fehrandpeers.net/>

* As of September 1st



What are Performance Measures?

- Provide quantifiable evidence of the consequences of decision or actions
- Predict, evaluate, and monitor the extent to which transportation systems accomplish public objectives
- Can be modeled (e.g. VMT) or measured (e.g. traffic volume)
- Can be quantitative (e.g. V/C Ratio) or qualitative (historic character)

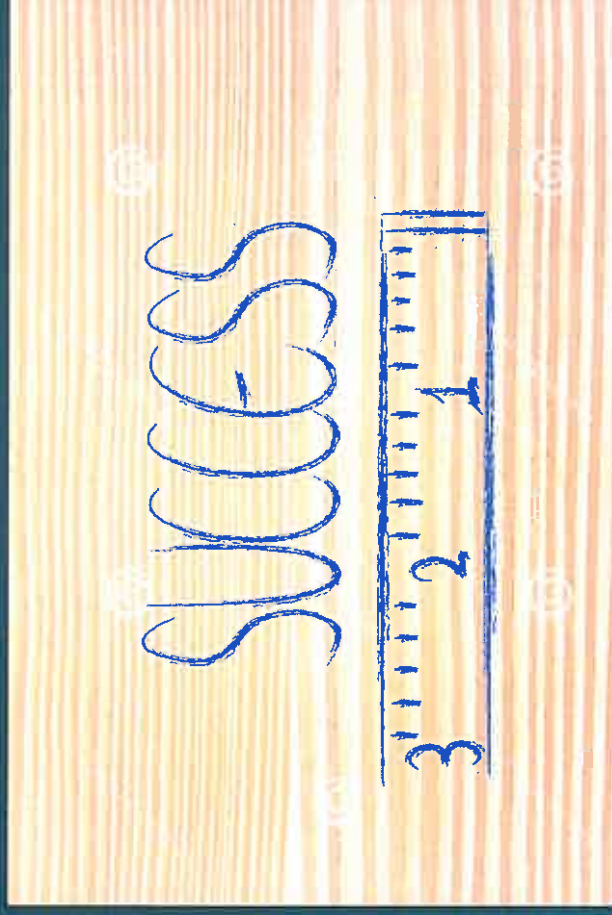


Image Source: www.dreamstime.com

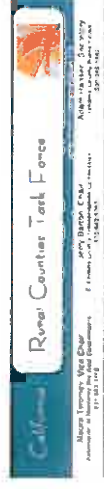
Performance Measures in Planning

Land Use Visioning	Identify range of land use scenarios	Compare alternative land use scenarios and select preferred scenario	Communicate benefits of selected scenario
Long Range Transportation Planning	Set vision and goals – compare infrastructure and policy packages	Evaluate and prioritize projects	Evaluate final plan and communicate benefits
Corridor Studies	Identify range of solution sets to be considered	Evaluate alternatives and select solution set	Evaluate final plan and communicate benefits
Environmental Review	Identify range of alternatives to be considered	Evaluate alternatives and select preferred alternative	
Programming / Grant Awards	Evaluate and prioritize projects	Evaluate final program and communicate benefits	
Performance Monitoring	Observe activity trends	Evaluate performance of investments	Identify problems with achieving objectives

Source: *Guide to Sustainable Transportation Performance Measures, United States Environmental Protection Agency, August 2011*

Rural County Taskforce Performance Indicator Study

- Evaluates the performance measures documented in the Strategic Growth Council funded SANDAG study for rural and small urban areas.
- Expands the SANDAG study to include 26 rural RTPA member agencies and 4 small urban MPOs
- Identifies metrics that are appropriate for rural and small urban areas.
- Good starting point for Nevada County RTP



June 3, 2015

W8 Kampton Executive Director
California Transportation Commission
120 N Street, Room 2221 (MS 52)
Sacramento, CA 95834

RE: 2018 RTP Guidelines & Rural Counties Task Force Report, Performance Monitoring Indicators for Rural and Small Urban Transportation Planning

Dear Mr. Kampton

As you are aware, the Rural Counties Task Force (RCTF) commissioned a study on Performance Monitoring Indicators for Rural and Small Urban Transportation Planning. The purpose of the study is to complete the following: 1) Evaluate of the set of performance monitoring metrics documented in the Strategic Growth Council funded study, Strategic Performance Monitoring Indicators for Transportation Planning (SANDAG, June 2013) for their applicability to rural and small urban areas; 2) Augment the SANDAG Study of the 18 Metropolitan Planning Agencies (MPOs) in California to include the 26 rural RTPA member agencies that comprise the RCTF as well as four small urban MPOs; and 3) identify metrics that are appropriate for rural and small urban areas.

Attached is a draft memorandum titled *Draft Recommended Performance Measures for Rural Areas*. This memorandum describes our analysis and recommendations for rural performance monitoring. Additional information about this study is included on the project website at <http://www.sandag.org/rctf>

The RCTF members are hopeful that the California Transportation Commission (CTC) will consider the recommended performance monitoring indicators for amendment into the 2018 State Transportation Improvement Program (STIP) Guidelines. The amendment would provide for a separate list of performance monitoring indicators appropriate for rural and small urban areas of the state. The RCTF is hopeful that this effort will help to develop a standardized set of performance indicators that utilize existing data and resources available at small MPOs and rural RTPAs. We appreciate your review and consideration of this important matter. Please feel welcome to contact me if you have any questions or concerns.

Rural County Taskforce Performance Indicator Study: Selection Criteria

Performance measures:

- Should align with California state transportation goals and objectives
- Should continue to inform current goals and objectives of each rural and small urban RTPA
- Should be applicable to all rural and small urban regions
- Should be capable of being linked to specific decisions on transportation investments
- Should not impose substantial resource requirements on rural and small urban RTPAs
- Should be normalized to provide equitable comparisons between rural / small urban regions and major urban regions

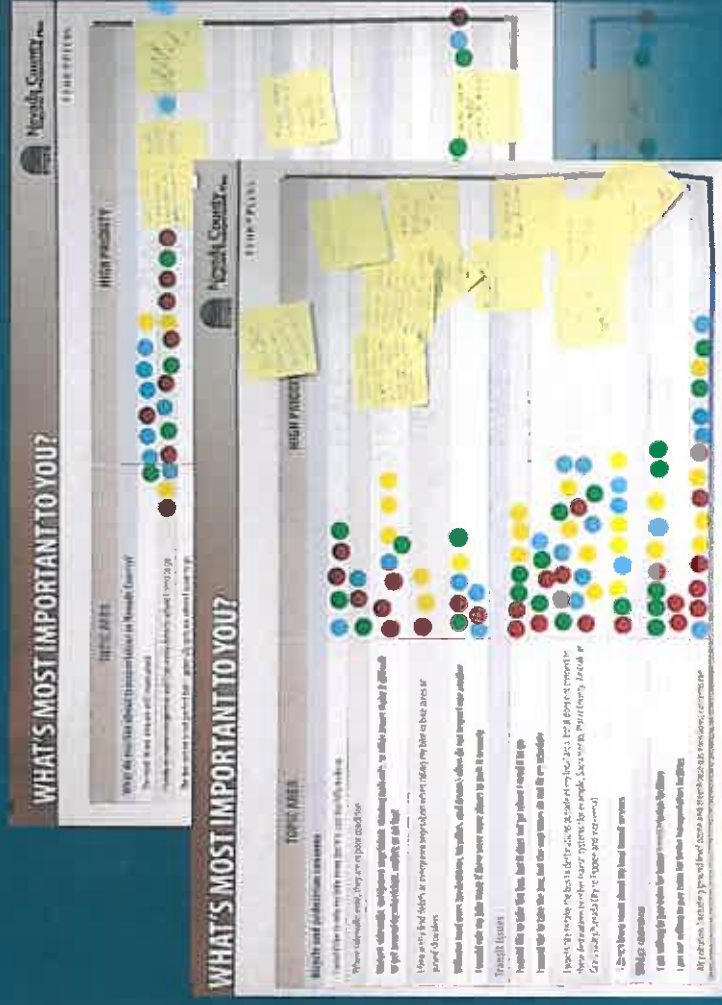
Rural County Taskforce Performance Indicator Study: Recommendations

Indicator Category	Performance Measure
Congestion / Delay / Vehicle Miles Travelled (VMT)	<ul style="list-style-type: none"> • VMT • Peak Volume-to-Capacity Ratio or Thresholds
Mode Share/Split	<ul style="list-style-type: none"> • Journey to Work Mode Share
Safety	<ul style="list-style-type: none"> • Total Accident Cost
Transit	<ul style="list-style-type: none"> • Total Operating Cost Per Revenue Mile
Transportation System Investment / Preservation / Service / Fuel Use	<ul style="list-style-type: none"> • Distressed Lane Miles (Total and/or Percentage) • Pavement Condition Index (PCI)

So...How Does It All Come Together?

Top Concerns:

- Current Transit Destinations
- Air Pollution
- Safety when biking
- Incomplete sidewalk coverage



So...How Does It All Come Together?

Concern: Incomplete sidewalk coverage

Indicator: Safety & Public Health

Performance Measure: Miles of Streets Without Sidewalks

Monitoring Mechanism: GIS Mapping

Measuring Sidewalk Coverage

