

2012 Regional Transportation Plan for Butte County

Public Outreach Workshops

August 5, 2011 Oroville 11:00 a.m. – 1:00 p.m.

August 8, 2011 Paradise 12:00 p.m. – 2:00 p.m.

August 8, 2011 Gridley 4:30 p.m. – 6:30 p.m.

August 12, 2011 Chico 2:00 p.m. – 4:00 p.m.



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STATION 1

Purpose of Public Workshop

- To inform the public of the development of the 2012 RTP, Sustainable Communities Strategy (SCS), Air Quality Conformity Analysis & Determination, and the Environmental Impact Report (EIR)
- To provide the public the opportunity prior to development of the project and tell BCAG what they perceive the transportation needs are for Butte County
- Focus of the Workshop is to:
 - Provide opportunity for early input
 - Discuss the purpose of the RTP
 - Discuss the purpose of the SCS
 - Discuss the purpose of the Air Quality Requirements
 - Discuss the purpose of the EIR
 - Identify current RTP projects
 - Discuss BCAG's roles and responsibilities

Highways/Streets & Roads, Bike & Pedestrian, Transit, Rail, Aviation

STATION 2

What is BCAG?

- Federal designated Metropolitan Planning Organization (MPO), state designated Regional Transportation Planning Agency (RTPA) for Butte County
- BCAG Board of Directors – Includes all five County Supervisors one representative from each of the five incorporated cities/town
- Responsibilities –
 - ☑ Secure state and federal funding & ensure timely delivery
 - ☑ Prepare RTP and programming documents required to secure state and federal funding
 - ☑ Ensure public participation in the planning process
 - ☑ Butte Regional Transit Administrator
 - ☑ Planning or Project Management that benefit cities, town and county

STATION 3

Purpose of the RTP

- Meet state and federal requirements for other planning and funding activities
- Serve as foundation for potential programming of projects
- Serve as foundation for the development of :
 - ☑ Federal Transportation Improvement Program
 - ☑ Regional Transportation Improvement Program
 - ☑ Interregional Transportation Improvement Program
- The RTP has four main components:
 - ☑ Policy Element – Goals, policies & objectives
 - ☑ Action Element – Recommended projects by mode and fund source
 - ☑ Financial Element – Financial projections by fund source which project are constrained
 - ☑ Sustainable Communities Strategy – Integration of land use, housing, and transportation to reduce GHG's

STATION 4

Population, Housing, and Employment Forecasts

Housing

Jurisdiction ^A	2010*	2015	2020	2025	2030	2035	Total Increase 2010-2035	Percent Increase 2010-2035	Compound Annual Growth Rate (CAGR) 2010-2035
Biggs	634	759	984	1,159	1,359	1,584	950	150%	3.7%
Chico	37,159	39,034	42,019	46,349	51,134	56,414	19,255	52%	1.7%
Gridley	2,449	2,994	3,789	4,414	5,144	5,854	3,405	139%	3.5%
Oroville	6,393	7,293	8,733	10,603	11,718	12,958	6,565	103%	2.9%
Paradise	12,789	13,239	13,789	14,414	15,064	15,764	2,975	23%	0.8%
Unincorporated ^{AA}	37,199	39,759	42,499	45,274	48,249	51,374	14,175	38%	1.3%
Total County	96,623	103,078	111,813	122,213	132,668	143,948	47,325	49%	1.6%

Population

Jurisdiction ^A	2010*	2015	2020	2025	2030	2035	Total Increase 2010-2035	Percent Increase 2010-2035	Compound Annual Growth Rate (CAGR) 2010-2035
Biggs	1,787	2,139	2,774	3,267	3,830	4,465	2,678	150%	3.7%
Chico	88,228	92,678	99,766	110,046	121,407	133,944	45,716	52%	1.7%
Gridley	6,454	7,890	9,986	11,633	13,556	15,428	8,974	139%	3.5%
Oroville	14,687	16,755	20,063	24,359	26,921	29,770	15,083	103%	2.9%
Paradise	26,310	27,235	28,367	29,652	30,990	32,430	6,120	23%	0.8%
Unincorporated ^{AA}	84,302	90,102	96,311	102,600	109,342	116,424	32,122	38%	1.3%
Total County	221,768	236,800	257,266	281,558	306,047	332,459	110,691	50%	1.6%

Employment

Jurisdiction	2010*	2015	2020	2025	2030	2035	Total Increase 2010-2035	Percent Increase 2010-2035
Butte County	71,501	78,339	87,214	95,326	103,481	112,279	40,778	57%

STATION 5

Regional Priorities – Old 2008 RTP

Regional Priorities - Within Financial Projections

(Financially Constrained)

Roadway	Segment	Project Description	Agency	2001-2009 Costs	2010-2019 Costs	2020-2025 Costs	Total
SR 70	SR 162 to Ophir Rd	Widen to 4 Lanes Interchange at Ophir Rd.	BCAG, Caltrans & County	\$ 33,000,000			\$ 33,000,000
SR 70	Oroville to Marysville	New 4 lanes, Marysville Bypass (BCAG funding only)	BCAG, Caltrans & County	\$ 50,000,000	\$ 25,000,000		\$ 75,000,000
SR 99	SR 32 to E. 1st. Ave.	Aux Lanes SR 32 to E.1st Widen E. 1st Ave.	BCAG, Caltrans & Chico	\$ 15,000,000			\$ 15,000,000
SR 99	Cohasset Rd Interchange	Construct SB on ramps, restripe overcrossing	BCAG, Caltrans & Chico		\$ 1,200,000		\$ 1,200,000
SR 99	Eaton Rd Interchange	Signalize Ramp Intersection	BCAG, Caltrans & Chico	\$ 825,000			\$ 825,000
SR 99	At Estates Dr.	Signalize Intersection	BCAG, Caltrans & Chico	\$ 495,000			\$ 495,000
SR 99	East Ave. Interchange	Add Additional off ramp and turn lanes	BCAG, Caltrans & Chico		\$ 375,000		\$ 375,000
SR 99	Skyway and E. Park Ave Interchange	Reconstruct SB rampss with a four lane overcrossing	BCAG, Caltrans & Chico		\$ 2,850,000		\$ 2,850,000
SR 99	E. 20th Street Interchange	Add loop off ramps, widen overcrossing & off ramps	BCAG, Caltrans & Chico		\$ 8,100,000		\$ 8,100,000
SR 99	At Estates Dr.	Restrict to right in/out, const. Frontage Rd. to Southgate	BCAG, Caltrans & Chico			\$ 6,750,000	\$ 6,750,000
SR 162	Oro-Dam Blvd to Foothill Blvd	Widen to 4 Lanes	City of Oroville	\$ 7,527,000			\$ 7,527,000
SR 191	Buschmann Rd to Pearson Rd.	Add left turn lane	Town of Paradise	\$ 5,000,000			\$ 5,000,000
Skyway Forest Hwy 171	Inskip to Butte Meadows	Reconstruct, Overlay (Butte County Funding only)	Butte County, FHWA	\$ 4,000,000			\$ 4,000,000
Skyway	Pentz Rd to S. Park Dr	Widen to 4 lanes (across Magalia Dam)	Butte County, BCAG	\$ 4,000,000	\$ 3,000,000		\$ 7,000,000
TOTALS				\$ 119,847,000	\$ 40,525,000	\$ 6,750,000	\$ 167,122,000

STATION 6

Currently Funded Projects (Short-Term FTIP Projects)

2011 FTIP Financial Summary by Project / Fund Type & Fiscal Year

2010 / 2011

AGENCY	Title	Local Funds	RIP- State	RIP -Fed	SHOPP	State Bond	PLH/ Demo	FTA Funds	CMAQ	HBP	HSIP	SRTS	Total
County	Local HBP - Lump Sum	0	0	0	0	3	0	0	0	72	0	0	75
County	Butte County Safe Routes To Schools	0	0	0	0	0	0	0	0	0	0	291	291
County	Oro-Chico Hwy Bike Project	50	0	0	0	0	0	0	0	0	0	0	50
County	Butte County Neal & Cohasset Bike Grouped Project	130	0	0	0	0	0	0	0	0	0	0	130
BCAG	FTA Sec. 5307 Program - B - Line	2,592	0	0	0	0	0	1,670	0	0	0	0	4,262
BCAG	FTA Sec 5311 Program	2,607	0	0	0	0	0	469	0	0	0	0	3,076
BCAG	FH 171 Reconstruction Project - Phase 2	2,332	0	0	0	0	7,201	0	0	0	0	0	9,533
Caltrans	Butte SR 99 Chico Auxilliary Lanes - Phase II & III	0	1,317	10,168	0	0	0	0	0	0	0	0	11,485
Caltrans	SHOPP Collision Reduction Grouped Projects	0	0	0	1,400	0	0	0	0	0	0	0	1,400
Caltrans	SHOPP Roadway Preservation Grouped Projects	0	0	0	10,262	0	0	0	0	0	0	0	10,262
Caltrans	SHOPP Minor - Grouped Projects	0	0	0	935	0	0	0	0	0	0	0	935
Caltrans	SHOPP Highway Maintenance Grouped Proejects	0	0	0	4,222	0	0	0	0	0	0	0	4,222
Chico	SR 99 Corridor Bikeway Project - Phase 2	0	0	0	0	0	0	0	1,000	0	0	0	1,000
Chico	Chico Downtown Complete Streets Project	233	0	0	0	0	0	0	967	0	0	0	1,200
Gridley	Gridley Sycamore & Vermont Pedestrian Project	32	0	0	0	0	0	0	242	0	0	0	274
Paradise	Paradise 3 E's - Safe Routes to Schools	0	0	0	0	0	0	0	0	0	0	66	66
Paradise	Pearson and Recreation Drive Signalization Project	12	0	0	0	0	0	0	95	0	0	0	107
FY 10/11 Totals		7,988	1,317	10,168	16,819	3	7,201	2,139	2,304	72	0	357	48,367

STATION 6

Currently Funded Projects - Continued

2011 / 2012

AGENCY	Title	Local Funds	RIP- State	RIP -Fed	SHOPP	State Bond	PLH/ Demo	FTA Funds	CMAQ	HBP	HSIP	SRTS	Total
County	Local HBP - Lump Sum	100	0	0	0	0	0	0	0	769	0	0	869
County	Oro-Chico Hwy Bike Project	820	0	0	0	0	0	0	0	0	0	0	820
County	Butte County Neal & Cohasset Bike Grouped Project	1,295	0	0	0	0	0	0	0	0	0	0	1,295
BCAG	FTA Sec. 5307 Program - B - Line	2,592	0	0	0	0	0	1,670	0	0	0	0	4,262
BCAG	FTA Sec 5311 Program	2,607	0	0	0	0	0	469	0	0	0	0	3,076
Caltrans	SHOPP Bridge Preservation Grouped Projects	0	0	0	38,926	0	0	0	0	0	0	0	38,926
Gridley	SR 99 Gridely Pedestrian Project	421	0	0	0	0	0	0	0	0	0	0	421
Paradise	Pearson and Recreation Drive Signalization Project	553	0	0	0	0	0	0	1,072	0	0	0	1,624
Various	Butte County HSIP Grouped Projects	200	0	0	0	0	0	0	0	0	900	0	1,100
FY 11/12 Totals		8,587	0	0	38,926	0	0	2,139	1,072	769	900	0	52,393

2012 / 2013

AGENCY	Title	Local Funds	RIP- State	RIP -Fed	SHOPP	State Bond	PLH/ Demo	FTA Funds	CMAQ	HBP	HSIP	SRTS	Total
BCAG	FTA Sec. 5307 Program - B - Line	2,592	0	0	0	0	0	1,670	0	0	0	0	4,262
BCAG	FTA Sec 5311 Program	2,607	0	0	0	0	0	469	0	0	0	0	3,076
Oroville	Table Mountain Blvd Roundabout	124	0	0	0	0	0	0	1,075	0	0	0	1,199
Various	Butte County HSIP Grouped Projects	110	0	0	0	0	0	0	0	0	900	0	1,010
FY 12/13 Totals		5,433	0	0	0	0	0	2,139	1,075	0	900	0	9,547

STATION 6

Currently Funded Projects - Continued

2013 / 2014

AGENCY	Title	Local Funds	RIP- State	RIP - Fed	SHOPP	State Bond	PLH/ Demo	FTA Funds	CMAQ	HBP	HSIP	SRTS	Total
County	Local HBP - Lump Sum	0	0	0	0	1,526	0	0	0	11,774	0	0	13,300
BCAG	TE Reserve	0	507	0	0	0	0	0	0	0	0	0	507
BCAG	FTA Sec. 5307 Program - B - Line	2,592	0	0	0	0	0	1,670	0	0	0	0	4,262
BCAG	FTA Sec 5311 Program	2,607	0	0	0	0	0	469	0	0	0	0	3,076
Caltrans	Caltrans SHOPP Long Lead SR 70 Bridge	0	0	0	419	0	0	0	0	0	0	0	419
FY 13/14 Totals		5,199	507	0	419	1,526	0	2,139	0	11,774	0	0	21,564

2014 / 2015

AGENCY	Title	Local Funds	RIP- State	RIP - Fed	SHOPP	State Bond	PLH/ Demo	FTA Funds	CMAQ	HBP	HSIP	SRTS	Total
County	Local HBP - Lump Sum	1,818	0	0	0	0	0	0	0	15,546	0	0	17,364
BCAG	TE Reserve	0	506	0	0	0	0	0	0	0	0	0	506
<i>FY 14/15 Totals - Info Only</i>		1,818	506	0	0	0	0	0	0	15,546	0	0	17,870

2011 FTIP Summary	Local Funds	RIP- State	RIP - Fed	SHOPP	State Bond	PLH/ Demo	FTA Funds	CMAQ	HBP	HSIP	SRTS	Total
2010/11 through 2013/14	27,207	1,824	10,168	56,164	1,528	7,201	8,555	4,450	12,616	1,800	357	131,870

STATION 7



BCAG operates Butte Regional Transit (B-Line) for fixed route and paratransit service. The purpose of Transit in the RTP is to identify the existing route structure and to identify planned improvements.

The public is encouraged to voice their thoughts and opinions on what transit or other mass transportation improvements BCAG should be working on in the future.

During the 2009/10 fiscal year, BCAG embarked on a comprehensive market based transit study to assist in evaluating how B-Line fixed route service could be improved. The following slide highlights some changes that began in November 2010 followed by adjustments made in April 2011 to the fixed route transit system as a result of the study.

STATION 7

Transit - Continued

Highlights of the Market Based Transit Study & Implemented Changes

CHICO

New Route 15 provides 20-minute headways during peak periods, and half-hour service through the midday. Route 15 is a combination of old routes 1, 6 & 10. A new transfer point established near Wal-Mart.

Allows connectivity between routes 5, 7, 15, 20, 40 & 41. This will provide regional routes direct access to the Chico Mall from Paradise & Oroville.

Route 7 is interlined with Route 2 during peak commute hours, providing better connection between the east side of Chico and Downtown. Route 5 extended to Notre Dame and Forest Ave to provide broader coverage, enhance transfer opportunities, and be rerouted to Ivy Street to replace the old Route 6. An additional early morning run has been added to Route 4 to help school and commuter connections.

OROVILLE

Hourly service on all four routes (24, 25, 26 & 27). Service is available for an additional 1½ hours later into the evening. New Kelly Ridge service on regularly scheduled fixed route.

STATION 7

Transit - Continued

PARADISE

Both Routes 40 & 41 from Paradise now serve the Chico Mall area directly before heading downtown, reducing the need to transfer. An additional mid-day run on Saturday has been added to Magalia.

GRIDLEY

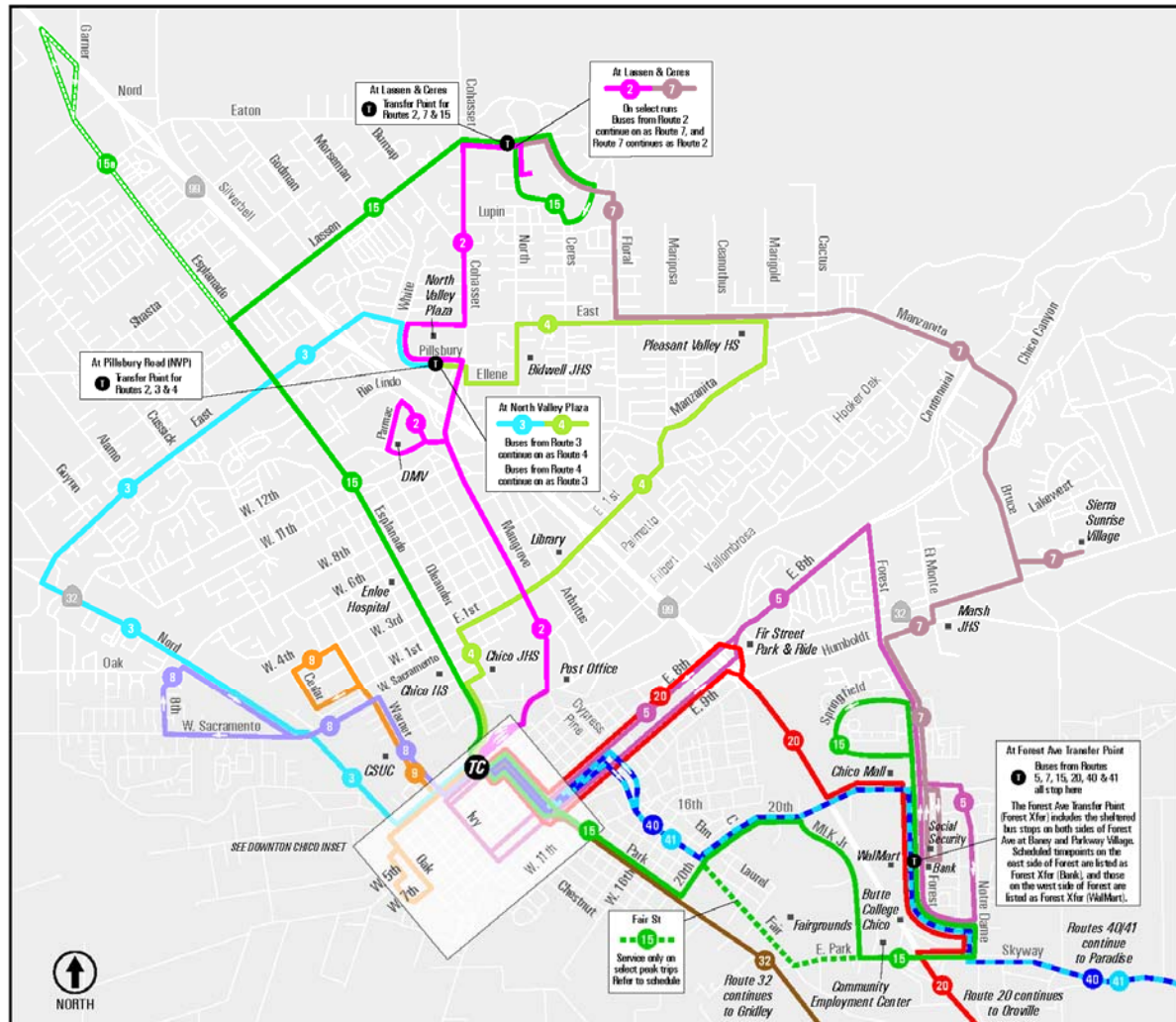
A new direct commuter service, Route 32, has been added between Gridley/Biggs and Chico (this route began service in July 2010)

ADDITIONAL HIGHLIGHTS (outside study)

- 50+ new bus shelters installed last year
- Schedule holders at all bus stops have been updated
- AVL/GPS being installed on entire fleet
- Updated web site for transit
- Oroville Transit Center currently under construction (2011)
- Upgraded security camera on buses

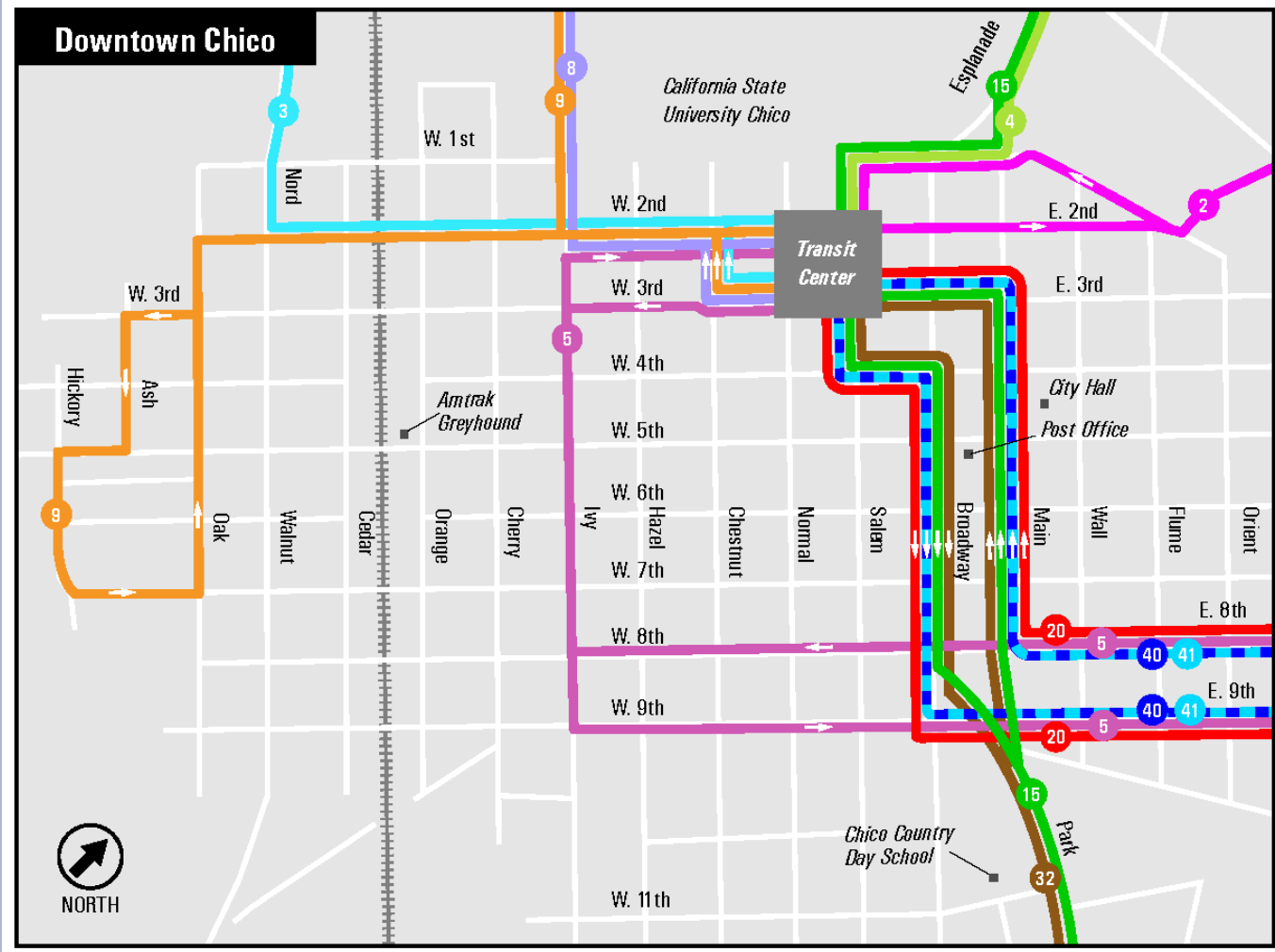
STATION 7

Transit – Chico Revised Routes



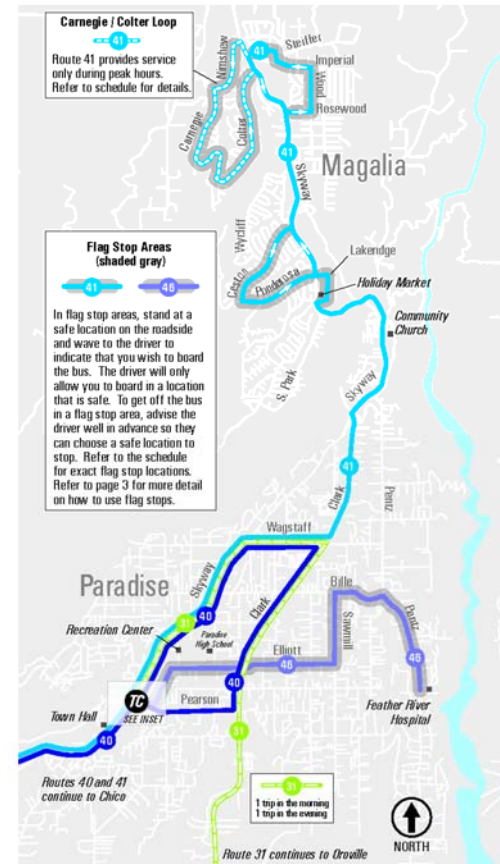
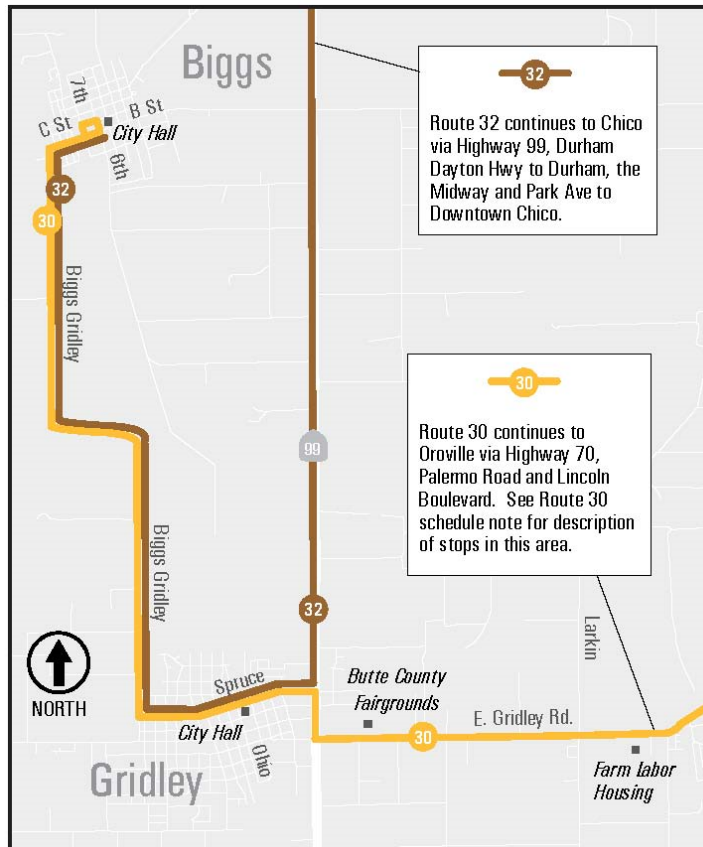
STATION 7

Transit – Chico Revised Routes



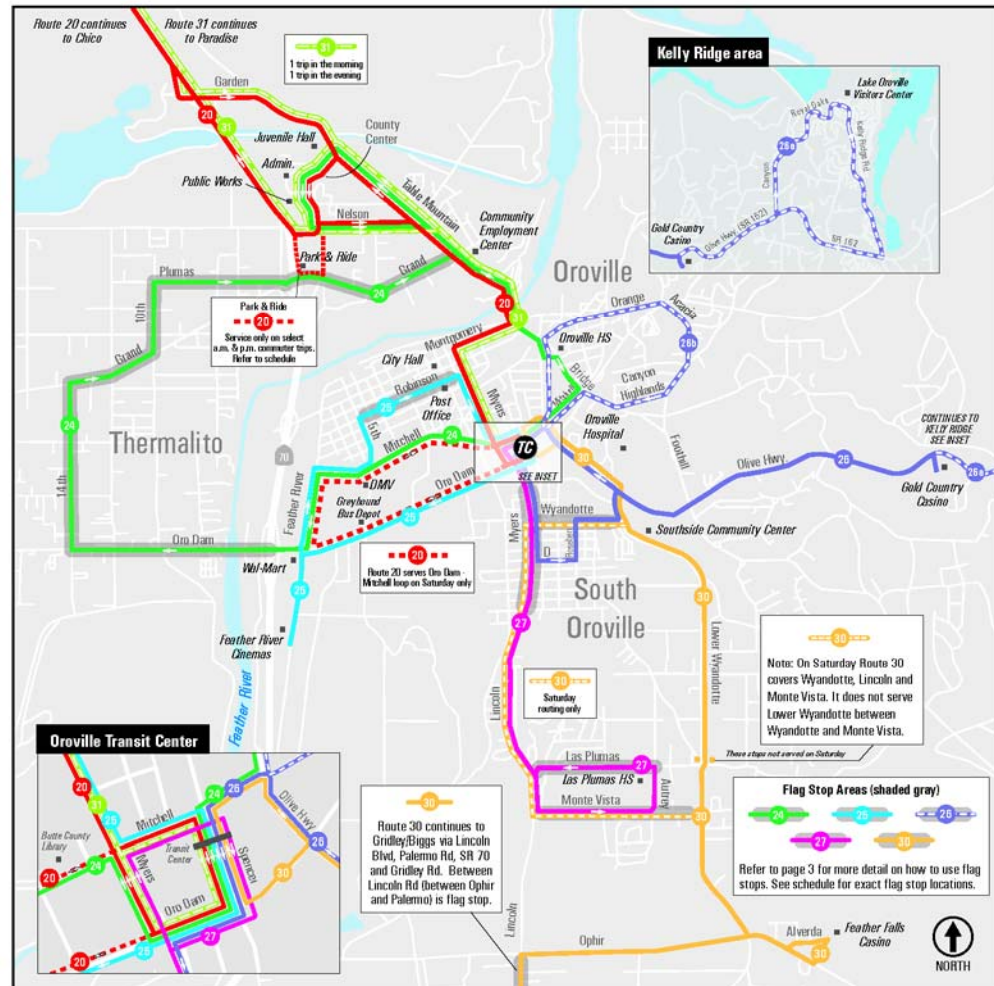
STATION 7

Transit –Gridley/Biggs and Paradise/Magalia Revised Routes



STATION 7

Transit – Oroville Revised Routes



STATION 8

Non-Motorized Transportation (Bicycle)

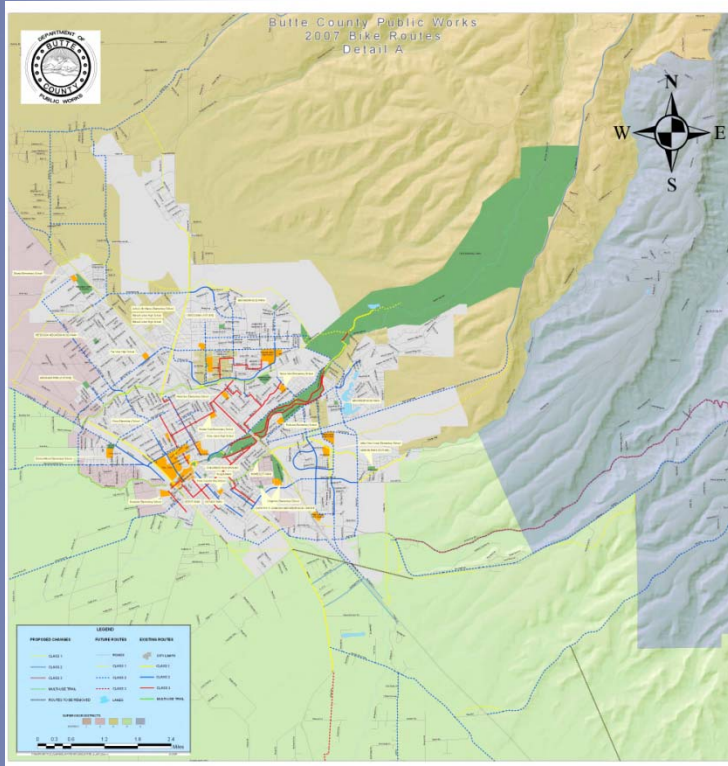
BCAG works with each of the local jurisdictions to coordinate bicycle route improvements for the region and assists in developing grant applications for state and federal grant opportunities.

The following maps are from the City of Chico and Butte County's Bicycle Plan.

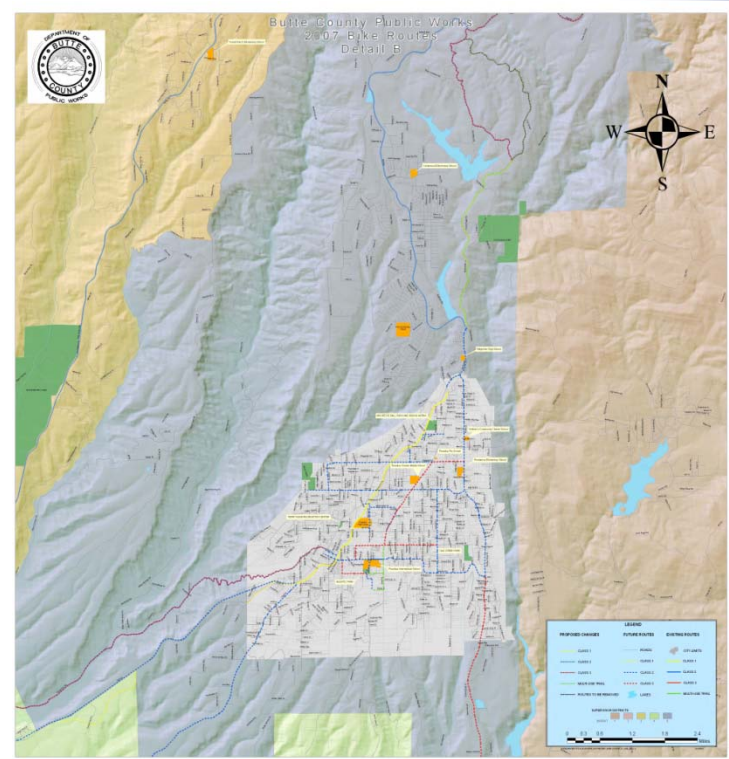
What routes or projects should BCAG or the local jurisdictions be considering for the future?

STATION 8

Non-Motorized Transportation (Bicycle)



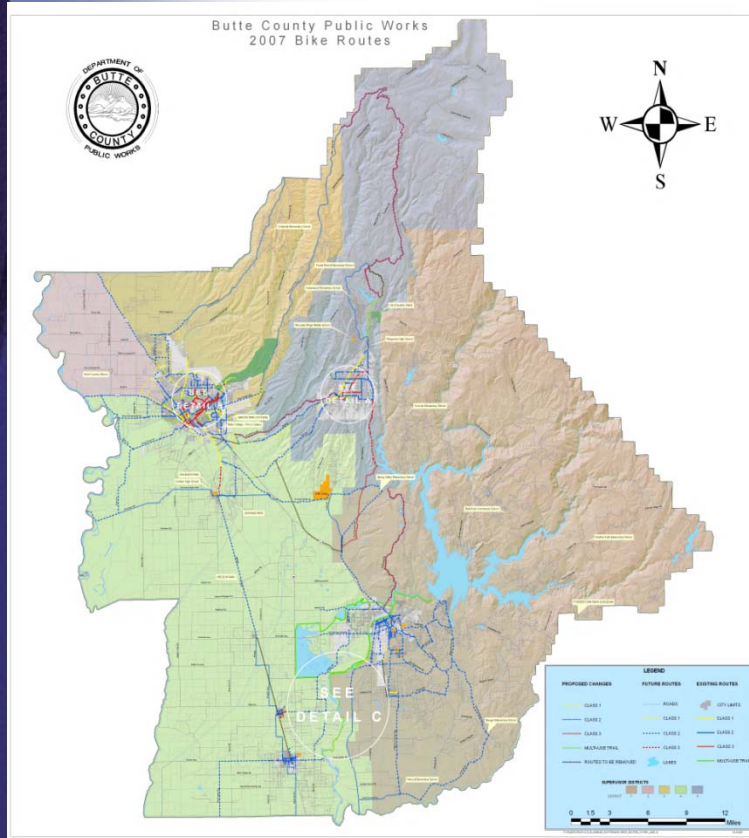
Chico Area



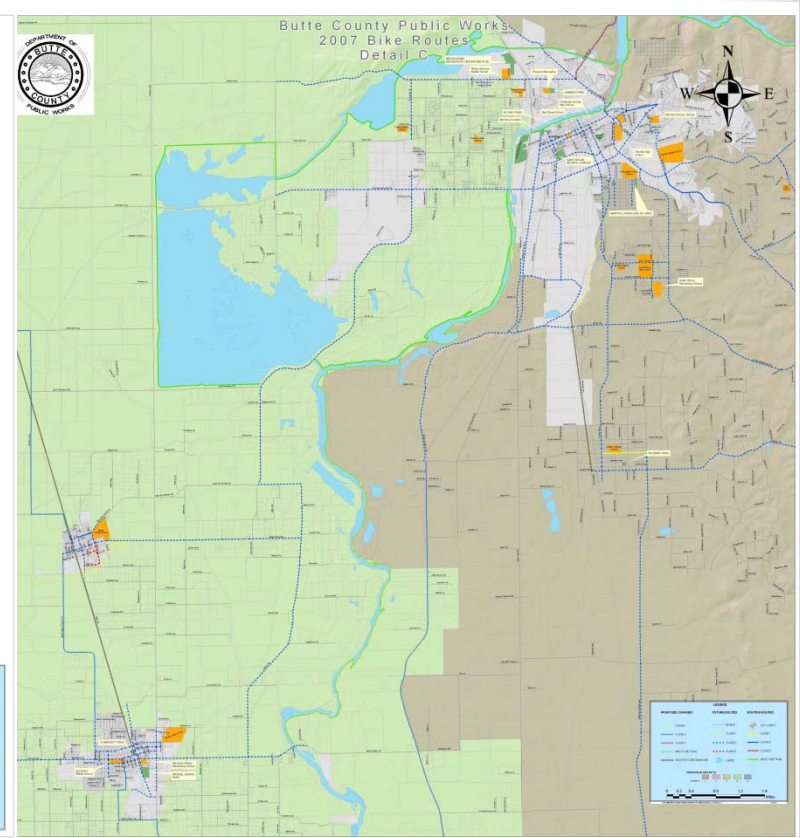
Paradise Area

STATION 8

Non-Motorized Transportation (Bicycle)



General County Area



Oroville Area

STATION 9

Financial Element

The following table identifies typical BCAG financial sources for projects in the RTP. Forecasts will be developed for each fund source identified below. The RTP is required to be financially constrained

TYPICAL FUNDING SOURCES FOR HIGHWAYS, LOCAL STREETS AND ROADS AND TRANSIT	AGENCIES
Congestion Mitigation and Air Quality (CMAQ)	BCAG, Cities and County
Federal Highway Bridge Repair and Replacement Program	Cities and County
Federal Rail Crossing Improvement Program (FCIP)	Cities and County
Federal Transit Administration - Sect 5307 "Urbanized" Area Funds	Chico Urbanized Area
Federal Transit Administration - Sect 5310 "Non Profit" Funds	Non Profit Agencies (Work Training Center)
Federal Transit Administration - Sect 5311 "Rural" Area Funds	County Area
Public Lands Highways "Forest Highways"	BCAG
State Highways Operations Protection Program (Caltrans SHOPP)	Caltrans
State Transportation Improvement Program (STIP)	BCAG, Cities and County
Transit Funding - TCRP	B-Line
Transportation Development Act - Local Transportation Fund	BCAG, Cities and County
Transportation Development Act - State Transit Assistance Fund	Cities and County for B-Line
Transportation Enhancements (TE)	Cities and County

STATION 10

Sustainable Communities Strategy (SCS)- What is it?

- A new element of the 2012 RTP enacted with the passage of Senate Bill 375 (Steinberg) – Sustainable Communities and Climate Protection Act of 2008
- Demonstrates the integration of land use, housing, and transportation to reduce passenger vehicle (cars & light trucks) greenhouse gas emissions (GHG)
- Must meet GHG emission reduction targets set by the California Air Resources Board for the years 2020 and 2035, or be subject to completing an Alternative Planning Strategy



STATION 10

SCS – Intent

- **Reduce Greenhouse Gas Emissions** – The primary objective of the SCS will be to meet passenger vehicle GHG reduction targets established by the state, by reducing vehicle travel.
- **Manage Region's Growth** – Projections show that over the next 25 years, the region's population will increase by ~110,000 people and an estimate 47,000 homes will be needed to accommodate this growth.
- **Provide Opportunities for Affordable Housing** – The SCS must be consistent with the Regional Housing Needs Assessment, assuring that each community provides for a mix of housing affordable to all economic segments of the population.
- **Preserve Farmland and Natural Resources** – When being developed, the SCS must consider the region's natural resources and prime farmlands.

STATION 10

SCS – Components

The SCS will consist of three major components:

- **Land Use Allocation** - must identify the general location of different land use types, residential densities, and areas to house the region's forecasted growth
- **Transportation Network** - financially constrained multimodal network which serves the transportation needs of the region
- **Transportation Measures and Policies** – any additional measures or policies which would be needed to meet GHG emissions reduction target

STATION 10

SCS –

Strategies to Reduce GHG Emissions

Land Use

- Increase mixed use development and development in areas with existing infrastructure
- Increase residential/commercial density near transit
- Provide local housing for local workforce to improve the jobs – housing balance

Transportation

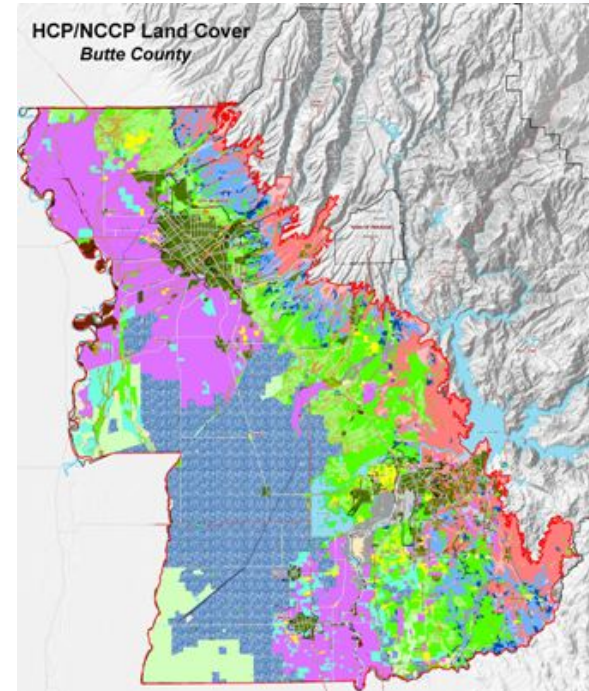
- Improve and expand transit facilities
- Improve pedestrian and bicycle facilities and infrastructure
- Improve linkages between modes of travel (auto, transit, bike, and walk)
- Minimize the addition of general purpose road lanes
- Maintain the existing road network

STATION 10

SCS –

Existing Sustainable Planning Efforts

- **Blueprint Planning Program (2006-2009)**
 - Project led by BCAG to inform the 2008 RTP and local land use planning efforts by preparing ecological baseline report, biological constraints analysis, land cover mapping, growth forecasts, and regional guiding principles. Allowed for a coordinated update of local general plans and assisted in focusing growth towards existing urban areas.



- **Butte Regional Conservation Plan (2007–present)** A joint Habitat Conservation Plan/Natural Communities Conservation Plan (HCP/NCCP) led by BCAG. Seeks to preserve resource areas and sensitive species habitat.

STATION 10

SCS – New Planning Tools

In order to prepare and quantify the SCS, BCAG has worked to develop new tools and enhance the existing travel model.

Land Use Allocation Model (UPLAN)

- allocates housing and jobs based on available land in local general plan
- considers attractions & discouragements for development



Travel Demand Model (*TransCAD*)

- Forecasts travel on regional road network
- Enhanced with the ability to better analyze smart growth land use design
- Increased sensitivity for age, household size, cost of travel, and the number of workers in each household



STATION 10

SCS –

Local Government Coordination

Local governments will be directly involved in the development of the 2012 SCS.

Planning Directors Working Group

- Consists of planning staff from local jurisdictions and the Butte LAFCO
- Partners in SCS coordination grant received from the CA Strategic Growth Council
- Will provide direction and input regarding the land use allocation component of the SCS

Transportation Advisory Committee

- Established BCAG committee which provides input into the overall RTP
- Will provide input into the transportation network component of the SCS

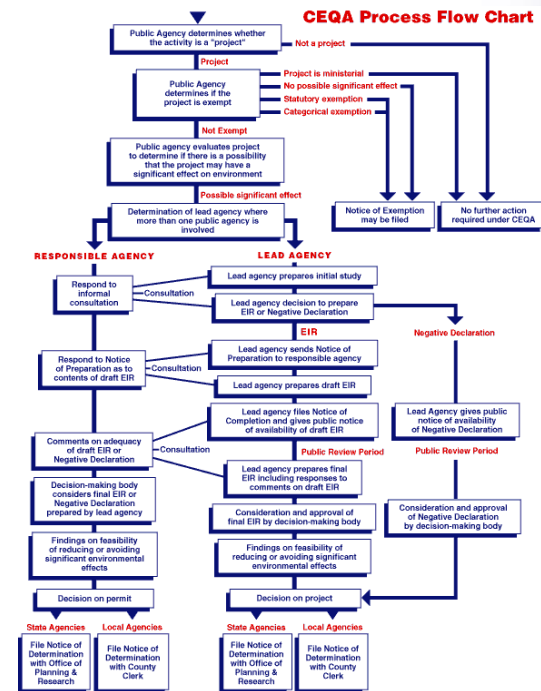
STATION 10

SCS – CEQA Benefits

Development projects that are shown to be consistent with the SCS may be eligible for certain types of CEQA streamlining.

Two types of projects which may be eligible:

- 1) Residential & Mixed Use Projects – has at least 75% of the building square footage in residential
- 2) Transit Priority Project – residential projects located near major transit stops which meet density and use requirements described in SB 375. *Staff is exploring, as part of the SCS development, if any locations are available that meet the definition.*



STATION 10

SCS – Public Involvement

In addition to BCAG's normal 2012 RTP public outreach efforts, further opportunities will be provided for public input into the SCS.

- Public Workshops – two rounds of workshops taking place throughout the region (August 2011 and April 2012)
- Public Hearings – conducted at regularly scheduled meetings of the BCAG Board of Directors
- Public Comment and Review Periods – noticed in the local newspapers and BCAG website
- Website and Email Notification List – ask to be placed on the SCS notification list and receive information regarding activities related to the SCS.

<http://www.bcag.org>

STATION 10

SCS –Process Timeline

SCS GHG Emissions Target Setting (Completed 2010)



First Round Public Workshops (August 2011)



**Prepare Draft SCS and Technical Analysis
(September 2011 – March 2012)**



Second Round Public Workshops (April 2012)



Final RTP and SCS (December 2012)



Air Resource Board Review (January – March 2012)

STATION 11

Goals for Next Round of Workshops – April 2012

- Completed Draft 2012 RTP & SCS Document
- Draft Environmental Impact Report
- Begin preparing Air Quality Conformity Determination

Questions ?

This is your opportunity to raise any questions and provide comments regarding the development of the RTP and SCS.

WHEN WILL THE DRAFT PLAN BE COMPLETE? – A complete preliminary draft RTP will be completed by August 2011 in anticipation of the preparation of the required environmental impact analysis for the RTP scheduled for the 2011/12 fiscal year.

How DO I STAY INVOLVED? – Sign up to be included in the distribution of all material pertaining to the RTP. As information is posted on BCAG's website, you will be automatically notified by email or mail. BCAG staff has created a web page for the RTP at:

<http://www.bcag.org/Planning/2012-RTP/index.html>

CONTACT: Ivan Garcia, Programming Manager for BCAG at 530-879-2468 or by email at: igarcia@bcag.org

This workshop was funded in part through a grant awarded by the Strategic Growth Council

THANK YOU