



BCAG

**BUTTE COUNTY ASSOCIATION
OF GOVERNMENTS**

DRAFT -OVERALL WORK PROGRAM & BUDGET

Fiscal Year 2019/20

*Scheduled Adoption
May 23, 2019*

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Butte County Association of Governments

Fiscal Year 2019-20 Overall Work Program & Budget



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BCAG's 2019/20 Overall Work Program & Budget (OWP) identifies the specific state and federal required regional transportation planning and programming activities that will be developed during the fiscal year. In addition, the 2019/20 OWP includes other regional transportation planning studies and projects that have been determined necessary by staff and the BCAG Board of Directors.

Implementation of BCAG's 2019/20 OWP will be done in consultation with the BCAG member agencies, the public, tribal governments, and BCAG's state and federal transportation planning partners. The 2019/20 OWP will be administered in compliance with BCAG's adopted Public Participation Plan, which includes public noticing of standing committees, Board of Director meetings, noticed public hearings and workshops for the appropriate work elements.

The implementation of the 2019/20 OWP will be accomplished by funding revenues provided from the Federal Highway Administration, the Federal Transit Administration, the California Department of Transportation (Caltrans) under the Metropolitan Planning Program, Section 104(f) of Title 23, U.S. Code, the US Fish & Wildlife Service, and from member agencies for specific projects being developed on their behalf. The contents of this 2019/20 Overall Work Program & Budget do not necessarily reflect the official views or policies of the U. S. Department of Transportation.

BCAG 2019/20 OWP & BUDGET FUNDING SOURCES



Federal Highway Administration (FHWA)

Federal Metropolitan Planning Funds (PL)

Congestion Mitigation Air Quality Funds (CMAQ)

FHWA Partnership Planning Grant



Federal Transit
Administration

Federal Transit Administration (FTA)

Section 5303 Metropolitan Planning

Section 5304 Statewide Planning



California Department of Transportation (Caltrans)

Regional Improvement Program (RIP) Funds

Planning, Monitoring and Maintenance (PPM) Funds

Local Transportation Funds (LTF) Toll Credits



California Department of Fish & Wildlife

Section 6 Habitat Conservation Planning

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INTRODUCTION

Originally formed in 1969, the Butte County Association of Governments (BCAG) is a Joint Powers Agency (JPA) between the County of Butte and the cities of Biggs, Chico, Gridley, Oroville and the Town of Paradise.

BCAG includes representatives from the County and the five incorporated cities/town located within the political boundary of Butte County, California. Incorporated cities include: Biggs (population 1,905), Chico (Population 93,383), Gridley (population 6,704) Oroville, the County Seat (population 18,037), and Town of Paradise (population 25,841). Unincorporated Butte County has a population of 80,534 making the **total county population 226,404**.¹

BCAG RESPONSIBILITIES

Metropolitan Planning Organization (MPO) – BCAG is the federal designated Metropolitan Planning Organization (MPO) for Butte County, in accordance with the “*Fixing America’s Surface Transportation (FAST) Act*” of 2015. The designation as the MPO for Butte County is also made in agreement with the California State Transportation Agency (CalSTA). BCAG’s MPO planning area boundary includes the entire geographic area of Butte County.

Regional Transportation Planning Agency (RTPA) - BCAG is the Regional Transportation Planning Agency (RTPA) for Butte County, as designated by the Secretary of the California State Transportation Agency (CalSTA). BCAG and the State of California Department of Transportation (Caltrans) have formally agreed to a comprehensive, continuous, and cooperative transportation planning process through a signed Memorandum of Understanding (MOU).

Butte Regional Transit Policy Board & Operator - BCAG is the Policy Board and operator for Butte Regional Transit, “B-Line”, a consolidated public transit system serving the cities, town and county.

Area-Wide Clearinghouse - BCAG is the area-wide Clearinghouse as designated by the Office of Management and Budget (OMB) Circular A-95, “Evaluation, Review and Coordination of Federal and Federally Assisted Programs and Projects.” Under this designation, BCAG is responsible for local review of proposed federal financial assistance, direction of federal development activities and environmental documents, and coordination with state plans.

Census Affiliate Data Center - BCAG is the US Census affiliate data center within the California State Data Center Program for census-related services to the residents of Butte

County. BCAG assists with the coordination of the decennial Census and maintains the Census data information for the member agencies and public.

Butte Regional Transportation Corporation – BCAG established a 501 (c)(3) non-profit public benefit corporation in 2013 named the *Butte Regional Transportation Corporation* (BRTC). The purpose for establishing the non-profit public benefit corporation was to allow BRTC and BCAG to utilize funding available under the New Market Tax Credit (NMTC) Program administered by the Department of the Treasury. NMTC funds may be used for projects located in distressed areas as defined by the US Census and the NMTC program. BRTC was established specifically to receive funds for construction of the Butte Regional Transit Operations & Maintenance Facility in Chico and other regional transportation projects.

Urbanized Area Boundary

The City of Chico was designated by the Bureau of Census as an Urbanized Area (UA) — an area with a population greater than 50,000 after the 1980 census. As a result, Butte County was designated a Metropolitan Statistical Area (MSA).

Designation of the Urbanized Area also provided for BCAG to be designated the Metropolitan Planning Organization (MPO) for Butte County. The MPO designation provides BCAG with additional transportation planning responsibilities and funding, and the local control to ensure that a comprehensive, cooperative, and continuing transportation planning process is being implemented in Butte County. Included within the Appendix is a map of the current Urbanized Area boundary as defined by the 2010 Census. This boundary will be updated to reflect the Urbanized Area as defined by the 2020 Census once that information is available.

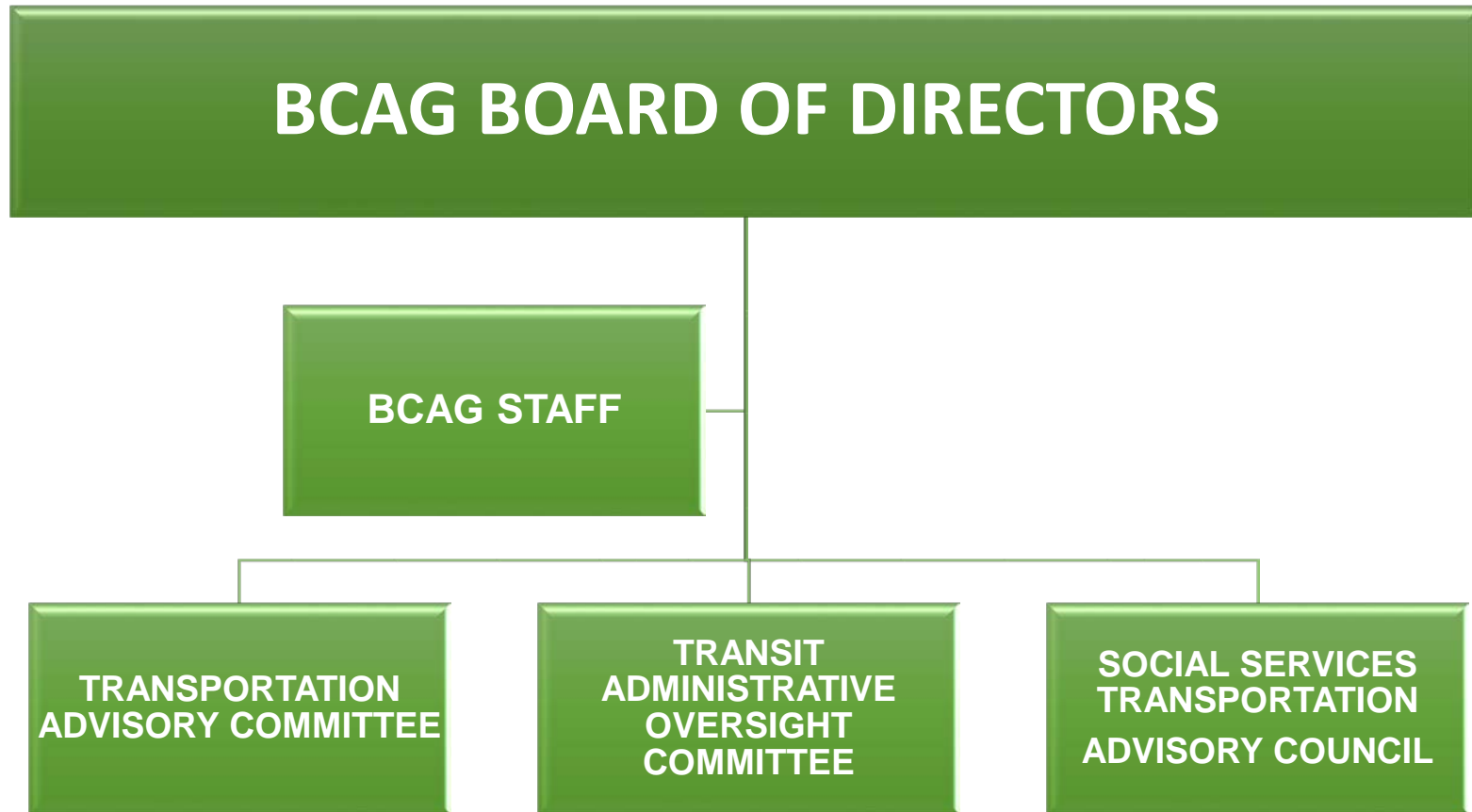
Metropolitan Planning Area Boundary

The Statewide and Metropolitan Planning Regulations promulgated in October 1993, provide the criteria to be used in defining the planning area of the MPO or “Metropolitan Planning Area.” At a minimum, the Metropolitan Planning Area is to cover the Urbanized Area and the contiguous geographic area likely to become urbanized within the next twenty years. Further, for geographic areas designated as non-attainment or maintenance areas under federal air quality standards, the Metropolitan Planning Area boundary must include the non-attainment area. The map of the Metropolitan Planning Area Boundary Map is included in the Appendix.

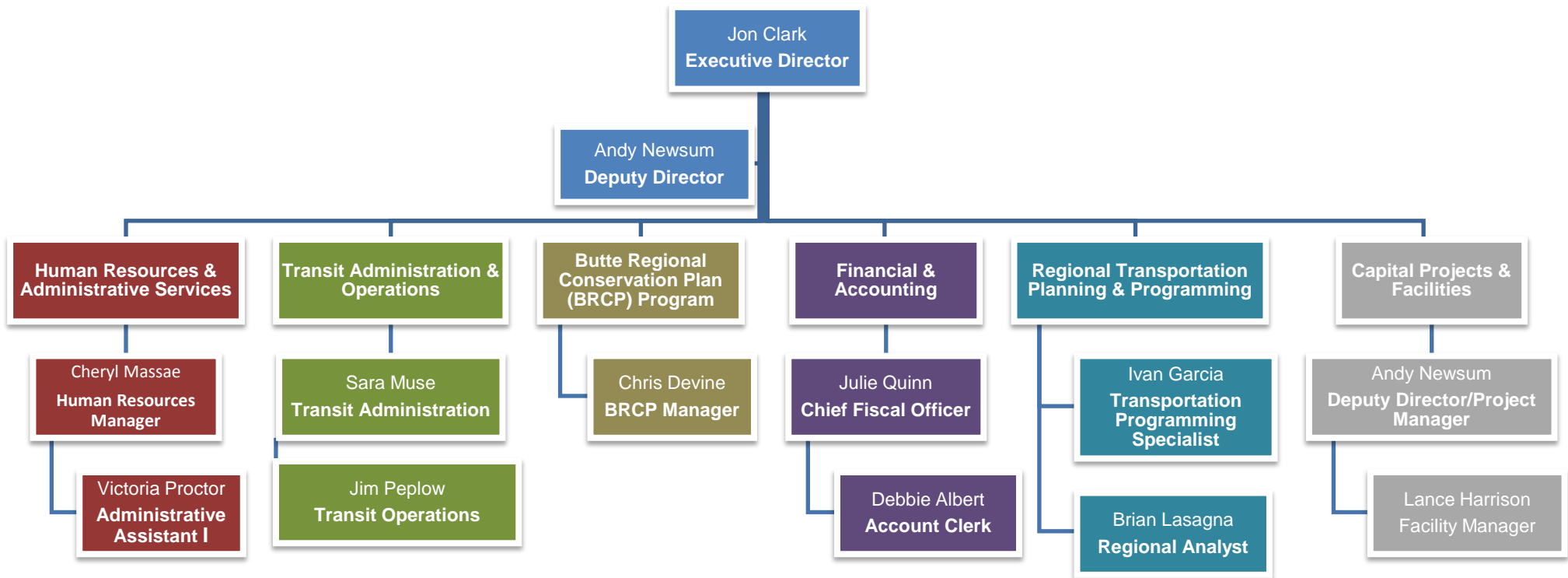
BCAG Organizational Structure

BCAG is governed by a ten-member Board of Directors. The BCAG Board of Directors includes the five Butte County Board of Supervisors and five representatives, one each, from the five incorporated cities/town within Butte County. The BCAG Board of Directors is responsible for policy decisions under the authority of BCAG, as the designated MPO and RTPA for Butte County, and for Butte Regional Transit.

BCAG ORGANIZATIONAL STRUCTURE



2018/19 BCAG STAFF ORGANIZATIONAL CHART



Tribal Governments within Butte County

Butte County is home to four Tribal Governments (see map, Page 6). These include the Berry Creek Tribal Government, the Mechoopda Tribal Government, Enterprise Tribal Government, and the Mooretown Tribal Government.

As prescribed by CFR 23, Subpart A, §450.104, BCAG has conducted consultation with the regions four Tribal Governments through formal meetings with the Tribal Chairpersons in accordance with their respective consultative procedures. Through this consultation process BCAG has made every effort to consider each of the four Tribal Government Communities transportation planning and programming needs. These factors are part of the required state and federal planning responsibilities, as required by CFR 23, Subpart B, §450.208(b) and §450.312(i).

During the 2016/17 FY, BCAG prepared “stand alone” consultation procedures for BCAG’s ongoing consultation with tribal governments within Butte County. The following is a brief description of the four Tribal Governments in the Butte County region.

The Berry Creek Tribal Government – The Maidu Indians have an enrollment of 544 members. The tribal lands are situated near State Route 162 near the City of Oroville and occupy 65 acres. The Berry Creek Rancheria operates a casino (Gold Country Casino and Hotel) and other recreational facilities on their tribal grounds located east of the City of Oroville on SR 162.

BCAG has conducted formal consultation with Berry Creek tribal leaders to initiate dialogue on transportation and other issues between the agencies. BCAG also invited tribal leaders or designated representatives to participate on BCAG’s Transportation Advisory Committee. To date, Berry Creek has chosen not to participate on the BCAG Transportation Advisory Committee however; there have been follow-up meetings with tribal leaders and representatives to discuss recent expansion impacts to the adjacent SR 162. Resolution on traffic issues concerning the pending expansion has not been completed.

Mechoopda Indian Tribal Government – The Mechoopda Tribal Government is located in the City of Chico and has a tribal enrollment of 409.

The Mechoopda are currently a landless tribe and are in the process of securing tribal lands (650 acres) adjacent to SR 149 between Oroville and Chico. Should the land be taken into trust and become a Native American Reservation, the Mechoopda Tribe intends to establish a gaming casino. BCAG will continue to have formal consultative meetings with tribal leaders and representatives to discuss transportation issues concerning their proposed tribal lands and eventual uses. The Mechoopda Tribe has a representative appointed to the BCAG Transportation Advisory Committee.

Mooretown Tribal Government – The Mooretown Tribal Government includes a Maidu enrollment of 1162 and is located in the City of Oroville. Mooretown Rancheria operates the Feather Falls Casino & Lodge.

Representatives of the Mooretown Tribal Government participate on the BCAG Transportation Advisory Committee. During the 2018/19 FY, BCAG will continue working with tribal representatives concerning transit services.

Enterprise Tribal Government – The Enterprise Tribal Government has a Maidu enrollment of 420 and is located near Oroville. BCAG has not yet established formal consultation with the Enterprise Rancheria; tribal leadership has not been provided.

During the 2018/19 FY, BCAG will continue consultation and planning efforts with the Native American Tribal Governments, Communities, organizations, groups and individuals within Butte County in accordance with federal and state transportation planning and programming needs. BCAG's activities with the Native American Communities will be coordinated with the Caltrans Native American Liaison, where appropriate.

Air Quality Status

With the promulgation of the 8-hour ozone standard in 2004, Butte County is now classified as “basic – subpart one non-attainment” for ozone countywide. The urbanized area of Chico is classified as a “maintenance area” for carbon monoxide under the Federal Clean Air Act. In addition, Butte County is non-attainment for PM 2.5. Because of these designations, BCAG's transportation planning requirements are subject to the Air Quality Conformity provisions per EPA's Transportation Conformity Rule. Air Quality Conformity is the requirement to quantify and document that all federally funded transportation projects, or projects requiring federal approval as proposed for funding in BCAG's Regional Transportation Plan (RTP), will not further degrade air quality and are consistent with the goals in the appropriate State Implementation Plans (SIPs).

As a result of being non-attainment for ozone and maintenance carbon monoxide, BCAG receives federal Congestion Mitigation and Air Quality (CMAQ) funds to implement projects that reduce vehicle emissions.

BCAG includes a work element in the Overall Work Program (OWP) to identify the transportation-air quality planning activities that will be undertaken for the fiscal year.

BCAG staff also works in consultation with the Butte County Air Quality Management District on coordination of transportation-air quality planning activities.

BCAG Planning Responsibilities

As the Metropolitan Planning Organization (MPO) and Regional Transportation Planning Agency (RTPA), BCAG has a responsibility to develop several transportation planning and programming documents that ensure transportation funding for the region. BCAG's transportation planning and programming must also demonstrate compliance with all applicable state and federal air quality statutes and must include a planning process that assures public participation.

BCAG's state and federal planning responsibilities are directed by MAP 21 and the Regional Transportation Planning Agency guidelines under the California State Transportation Agency. BCAG's specific state, federal, and regional transportation and other planning responsibilities include administration and development of the following plans and programs:

- 1) **Overall Work Program (OWP) & Budget** – Federal & state guidelines require BCAG to annually prepare an Overall Work Program & Budget to identify the specific state and federal transportation planning requirements for the coming fiscal year. BCAG's OWP also addresses other regional transportation planning issues that require study/resolution. The BCAG OWP is adopted in May of every year.
- 2) **Regional Transportation Plan (RTP) and Sustainable Communities Strategy (SCS)** – The Regional Transportation Plan (RTP) is a comprehensive long-range (20-year) transportation plan that covers all transportation modes within Butte County. The RTP evaluates future growth impacts to these transportation systems and includes an action plan for future improvements. The RTP is updated every four years and must conform to the State Implementation Plan. The Sustainable Communities Strategy (SCS) is a new component included in the RTP as required by AB 32. The SCS incorporates the Regional Housing Needs projections and identifies a land use scenario to accommodate regional housing needs, while reducing greenhouse gas emissions. The current RTP and SCS were adopted in December 2016.
- 3) **Regional Transportation Improvement Program (RTIP)** – The Regional Transportation Improvement Program (RTIP) is a short-range (4-year) plan that identifies all the transportation projects for the region that are eligible for funding in the State Transportation Improvement Program (STIP). The RTIP is updated every two years. The current RTIP was adopted in December 2017.
- 4) **Administration of the Local Transportation Fund (LTF) and State Transit Assistance (STA)** – BCAG is responsible for the administration of the Local Transportation Fund (LTF)

and State Transit Assistance (STA) funds as required under the Transportation Development Act (TDA). LTF funds are derived from local sales taxes, of which a quarter cent are sub-vented back to BCAG for allocation to the local jurisdiction for transit and other transportation modes. STA funds are allocated to local transit operators. Administration of the LTF and STA funds also includes the implementation of the annual unmet transit needs finding process, which is required annually under the TDA.

- 5) **Federal Transportation Improvement Program (FTIP)** – The Federal Transportation Improvement Program (FTIP) is a short-range (4-year) plan that identifies all regionally significant transportation projects that are to be funded during the four-year period. The FTIP is also required to include an air quality conformity determination that is adopted as part of the plan. The FTIP is updated every two years with various amendments occurring during the year. The current 2017 FTIP was adopted in September 2016.
- 6) **Air Quality Conformity Determinations** – In accordance with the Clean Air Act Amendment and the Transportation Conformity Rule, BCAG as the MPO is required to prepare an air quality conformity analysis and determination for the RTP and FTIP. The purpose of the air quality conformity determination is to demonstrate that federally funded projects and/or regionally significant projects within the region will achieve an emissions reduction for those pollutants for which Butte County is non-attainment. The emissions analysis between the RTP and FTIP must conform to the applicable State Implementation Plan (SIP). BCAG is the lead agency for development of conformity analysis and determinations in Butte County.
- 7) **Regional Housing Needs Assessment (RHNA) Study** – BCAG is responsible for preparing the Regional Housing Allocation Plan for BCAG member agencies in accordance with Section 65584 of the California Government Code. The current RHNP was adopted by December 2012.
- 8) **Transportation Studies** – As the Regional Transportation Planning Agency, BCAG may prepare transportation studies/plans that seek to improve a specific transportation problem within the region, at the request of member agencies or the public.
- 9) **Administration & Operation of Butte Regional Transit (BRT)** – BCAG has been the owner & operator for Butte Regional Transit since 2004. BCAG is responsible for preparing the annual Service Plan & Budget for Butte Regional Transit in cooperation with BCAG member agencies.

BCAG Consultation and Public Participation

One of the most important components to BCAG's transportation planning is consultation and public participation during the development of transportation plans, programs and projects. An open and accessible consultation and public participation process is critical for discussing and resolving regional transportation issues. BCAG has developed specific

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procedures for consultation and public participation through the “Public Participation Plan”, policies that are implemented on an ongoing basis (see Appendix).

BCAG maintains a continuous and cooperative consultation and public participation process that allows all levels of local government, Caltrans, the Federal Transit Administration, the Federal Highway Administration, local representatives from the regions aviation facilities, the Air Resources Board, the Environmental Protection Agency, Tribal Governments and the public, the opportunity to review and comment on transportation planning activities being prepared by BCAG.

One way that BCAG accomplishes the consultation and public participation dialogue is through the BCAG *Transportation Advisory Committee* and the *Social Services Transportation Advisory Council*.

The BCAG Transportation Advisory Committee (TAC) includes representatives from each of the local jurisdictions public works and planning departments, city, town and county technical staff, up to five citizen representatives, representatives from the Air District, Caltrans, Tribal Governments and other affected agencies that have a technical interest in the BCAG planning process. The TAC is a vital link in the transportation planning process in that, the Committee provides the technical and laypersons analysis and input required in transportation project/program development. The TAC meets on a monthly basis.

The BCAG Social Services Transportation Advisory Council (SSTAC) was established under the requirements of the Transportation Development Act (TDA), to ensure that unmet transit needs are identified within Butte County. The SSTAC meets on an as needed basis during the year to review information on possible unmet transit needs within Butte County, as part of the unmet transit needs process. The SSTAC is a direct advisory council to the BCAG Board of Directors, and includes representatives as needed by statute.

BCAG encourages public participation at all levels of the planning and project development process by engaging the public participation early in the study and project development process. All BCAG Board of Directors, TAC, SSTAC meetings are open to the public. BCAG also schedules public hearings during the development of the Regional Transportation Plan, Federal Transportation Improvement Program, Unmet Transit Needs process, and Air Quality Conformity process to allow for public review and comments. All public hearings are noticed thirty days in advance in the local media. The BCAG Board of Directors also provides for public comment on all items requesting action included in the monthly board agenda, regardless of whether a public hearing is required by law.

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The certification of this planning and public participation process is executed with the adoption of the FY 2019/20 Overall Work Program & Budget and authorizing resolution.

North State Super Region Coordination

In October 2010, an alliance between the sixteen Northern California Regional transportation planning agencies was established to form the North State Super Region. The sixteen Northern California counties include Del Norte, Siskiyou, Modoc, Humboldt, Trinity, Shasta, Lassen, Mendocino, Lake, Tehama, Glenn, Colusa, Butte, Plumas, Sierra, and Nevada. To formalize this alliance, a Memorandum of Agreement (MOA) was signed by each of the Executive Directors for the sixteen agencies.

The mission of the Super Region is to work together to identify common transportation, growth, and land use issues, and formulate unified strategies that can be advocated to implementing agencies and the public.

During the 2018/19 FY, BCAG will continue meeting and coordinating our respective planning issues with the Super Region Group to ensure that there is cooperation and consensus on regional issues affecting our agencies. It is anticipated that the Super Region Group will meet quarterly throughout the year.

Core Planning Functions

Development of BCAG's 2019/20 Overall Work Program & Budget has been done in compliance with all federal and state planning directives and guidance regulations, including 23 CFR 450.308 (c), and BCAG's adopted Public Participation Plan procedures.

The BCAG 2019/20 OWP & Budget identifies all core planning functions as required under the federal and state planning guidelines, in addition to other regional planning studies that support our state and federal planning and programming requirements.

Each work element included in the Draft 2019/20 OWP identifies the specific tasks, products, schedule, staffing, revenues and expenditures that will be made for implementation of the work element. The work element description also provides a discussion of how the work element supports BCAG's state and federal planning and programming requirements.

Performance Measures

During the 2019/20 FY, BCAG will include a Work Element *20-120 Performance Measures*, in the OWP focused on addressing the Federal Performance Measures for the

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Butte County Region. Moving forward, BCAG will work to develop and utilize the performance measures as a basis for future transportation planning and programming.

BCAG staff will work with Caltrans, the Federal Highway Administration, the Federal Transit Administration and our City and County member agencies during the 2019/20 FY to review the performance measure requirements, determine standards and targets, and incorporate recommendations and measures into the 2016 Regional Transportation Plan (RTP) and Sustainable Communities Strategy.

State of Good Repair

The FAST Act continues to emphasize restoring and replacing ageing transportation infrastructure by establishing a needs-based formula program, with a new tier for high intensity bus needs. The program defines eligible recapitalization and restoration activities, with a goal of bringing all systems into a state of good repair. Grantees are required to establish and use an asset management system to develop capital asset inventories and condition assessments, and report on the condition of their system as a whole.

Maintaining transit systems in a high state-of-good repair is essential for the provision of safe and reliable service. SGR is the effective recapitalization of transit asset, identifying critical timing for preventative maintenance and increasing the focus on asset management practices. It also includes the assessment of capital asset condition, strategies to obtain additional local re-investment including innovative financing strategies and additional identification of preventative maintenance practices.

MPO's are encouraged to support planning strategies for the effective recapitalization of transit assets that would include:

- Asset Management, Assessment and Replacement Planning;
- Planning and Programming for Effective Preventative Maintenance, and;
- Planning Innovative Financing Strategies for System Repair and Expansion.

The following Table 1 identifies all of the work elements included in the 2018/19 Overall Work Program & Budget. Table 1 also indicates if the work element addresses or is a component of the Core MPO Planning Functions, the California Planning Emphasis Areas and the federal PEAs for 2019/20.

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**TABLE 1
BCAG 2019/20 WORK ELEMENTS & CORE MPO PLANNING FUNCTIONS**

BCAG 2019/20 WORK ELEMENTS		CORE MPO PLANNING FUNCTIONS				
Regional Transportation Planning & Programming Work Elements		Overall Work Program	Public Participation & Education	Regional Transportation Plan	Federal Transportation Plan	Annual Listing of Projects
20-999	2019/20 Indirect Cost Allocation Plan	0				
20-100	Administration of the 2019/20 OWP & Budget	0	0	0	0	0
20-101	Intergovernmental Coordination & Information Distribution	0	0	0	0	0
20-102	Regional Transportation Model	0	0	0	0	0
20-103	Regional Geographic Information System (GIS)	0	0	0	0	0
20-104	Regional Transportation Air Quality Planning	0	0	0	0	
20-105	2019 Federal Transportation Improvement Program (FTIP)	0	0	0	0	0
20-106	2020 Regional Transportation Improvement Program	0	0	0	0	0
20-107	2020 Regional Transportation Plan (RTP) & Sustainable Communities Strategy (SCS)	0	0	0	0	0
20-108	Regional Housing Allocation Plan	0	0	0	0	
20-109	US Census Data Affiliate Center Administration	0	0	0		
20-110	Intelligent Transportation System – Regional Architecture Maintenance	0	0	0	0	0
20-114	Butte Regional Conservation Plan (BRCP)	0	0	0	0	
20-120	Regional Performance Measures for Planning & Programming	0	0	0	0	0
20-121	SB 1 Sustainable Transportation Planning 2017-18	0	0	0	0	0
20-122	SB1 Sustainable Transportation Planning 2018/19	0	0	0	0	0
20-123	SB 1 Sustainable Transportation Planning 2019-20	0	0	0	0	0
20-124	Regional Climate Adaptation Plan	0	0	0	0	0

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BCAG 2018/19 WORK ELEMENT		CORE MPO PLANNING FUNCTIONS				
Regional Transportation Project Development & Management		Overall Work Program	Public Participation & Education	Regional Transportation Plan	Federal Transportation Plan	Annual Listing of Projects
20-212	Singer Creek Preserve Management	○	○	○	○	○
20-213	Butte Regional Transit Maintenance & Operations Facility	○	○	○	○	○
20-216	State Route 191 Mitigation Project	○		○	○	
Transportation Development Act (TDA) Administration & Butte Regional Transit Administration/Planning						
20-300	Transportation Development Act (TDA) Administration	○	○	○	○	○
20-301	Public Transit System Planning & Coordination	○	○	○	○	
20-302	Butte Regional Transit Administration & Operations	○	○	○	○	○
20-303	Americans with Disabilities Act (ADA) Certification Program Administration	○	○	○	○	○
20-306	ADA Bus Stop Compliance Transition Plan	○	○	○	○	
20-308	Zero-Emission Electric Bus Rollout Plan	○	○	○	○	○

TABLE 1 – CONTINUED

TABLE 2 – WORK ELEMENT DESCRIPTION & BENEFITS

2019/20 OVERALL WORK PROGRAM WORK ELEMENT DESCRIPTIONS & BENEFITS		FEDERAL REQUIREMENT	STATE REQUIREMENT	REGIONAL PLANNING NEED	SUPPORTS CITY- COUNTY PROGRAMS	WORK ELEMENT SUMMARY
20-999	2019/20 Indirect Cost Allocation Plan (ICAP)	✓	✓			The ICAP is required for all monthly, quarterly billings for all planning revenues identified in the 2019/20 OWP. An ICAP is prepared annually and is approved by FHWA and Caltrans.
20-100	Administration of 2019/20 Overall Work Program & Budget	✓	✓	✓	✓	Administration of the OWP includes monthly meetings of the Board of Directors; billing and invoicing; attendance at local, state and federal meetings; and other activities that support implementation of the OWP and budget.
20-101	Intergovernmental Coordination & Information Distribution	✓	✓	✓	✓	Tasks under this work element include meetings of the Transportation Advisory Committee (TAC); meetings of the City/County Planning Directors Working Group; distribution of BCAG's eNewsletter; and distribution of state and federal funding or planning regulation important to BCAG member agencies.
20-102	Regional Transportation Model Program	✓	✓	✓	✓	BCAG is required to maintain and update a regional traffic model for analysis of land use impacts on the regional road network and state highways. The model is also used to prepare the air quality conformity determinations that are required in order to receive federal and state funding. The regional model is also used by the cities and county for evaluation of land use or project proposals that require a CEQA analysis.
20-103	Regional Geographic Information System (GIS) Maintenance & Coordination			✓	✓	BCAG established a countywide Geographic Information System (GIS) database program in 1998. The GIS program was established to provide BCAG and the cities and county with a parcel based GIS database for transportation and land use planning. BCAG maintains the GIS database under an agreement with the Assessors office, and CSU Chico.
20-104	Regional Transportation Air Quality Planning	✓	✓	✓	✓	BCAG is required to model & prepare an air quality conformity determination for all federal/state funded transportation projects, in addition to regionally significant local projects. Air quality conformity determinations are required for the RTP and FTIP, in order to receive federal/state transportation funding. BCAG also keeps BCAG member jurisdictions apprised of federal/state air quality regulations that may affect land use and transportation decisions.
20-105	2019 Federal Transportation Improvement Program (FTIP)	✓	✓	✓	✓	BCAG is required to prepare the FTIP every three years. The FTIP includes a listing of all projects and programs that will receive federal transportation funding. Projects of regional significance are also included in the FTIP. An air quality conformity determination is also required with the FTIP.
20-106	2018 Regional Transportation Improvement Program (RTIP)		✓	✓	✓	The Regional Transportation Improvement Program or RTIP is a state required programming document that identifies all state funded projects included in the State Transportation Improvement Program (STIP). The RTIP is updated every two years and is submitted to the California Transportation Commission (CTC) for approval.
20-107	2020 Regional Transportation Plan (RTP) & Sustainable Communities Strategy (SCS)	✓	✓	✓	✓	The RTP/SCS is BCAG long-range (20 year) transportation plan that identifies future transportation needs for all systems, in addition to funding needs for implementation. The RTP/SCS must be funding constrained to known anticipated funds. The plan must also meet required air quality goals.
20-108	Regional Housing Needs Allocation Plan		✓	✓	✓	BCAG is responsible for preparing the Regional Housing Needs Allocation Plan in cooperation with the California Department of Housing and Community Development and the cities and county.
20-109	US Census Data Affiliate Center Administration	✓		✓	✓	BCAG is the US Census Affiliate Data Center for Butte County. BCAG maintains all US Census data and provides regional coordination with the decennial census. BCAG also provides census information/data to the cities/county and the public as requested.
20-110	Intelligent Transportation System – Regional Architecture Maintenance	✓	✓	✓	✓	BCAG maintains an ITS work element to monitor and identify transportation projects that fulfill federal/state ITS project criteria. ITS projects are also included in the regional ITS Architecture Plan that is required by state and federal planning requirements.

TABLE 2 – WORK ELEMENT DESCRIPTION & BENEFITS
Continued

2018/19 OVERALL WORK PROGRAM WORK ELEMENT DESCRIPTIONS & BENEFITS		FEDERAL REQUIREMENT	STATE REQUIREMENT	REGIONAL PLANNING NEED	SUPPORTS CITY- COUNTY PROGRAMS	WORK ELEMENT SUMMARY
20-114	Butte Regional Conservation Plan (BRCP)			✓	✓	BCAG is developing the BRCP on behalf of the cities of Biggs, Chico, Oroville, Gridley and the County of Butte. Caltrans District 3, and four water districts within Butte County are also plan participants. The BRCP will provide a streamlined permitting process for all state and federal species permits, and will include a process to reduce time/costs for the USACOE clean water act approvals.
20-120	Regional Performance Measures for Planning & Programming		✓	✓		As part of the 2019/20 OWP, BCAG has included a new ongoing work element to address the MAP 21 required Transportation Performance Measures. Transportation Performance Measures (TPM) are a strategic approach that uses system information to make investment and policy decisions to achieve national performance goals.
20-121	SB 1 Sustainable Transportation Planning – 2017/18			✓	✓	With the passage of SB 1 in 2017, BCAG as the state designated RTPA & MPO is required to include a work element in the OWP for sustainable transportation planning. This work element will include planning projects that strive to reduce green house gas emissions by working with the cities and county on land use, transit and alternative transportation options.
20-122	SB 1 Sustainable Transportation Planning – 2018/19		✓	✓	✓	The Sustainable Transportation Planning for 2017/18 includes development of a regional general permit with the US Army Corps of Engineers to streamline the permitting of future projects in the city and county general plans, including smart growth projects.
20-123	SB 1 Sustainable Transportation Planning – 2019-20		✓	✓	✓	The Sustainable Transportation Planning for 2019/20 includes development of several planning tasks to support preparation of the 2020 Regional Transportation Plan (RTP) and the Sustainable Communities Strategy (SCS). Work includes transportation model land use updates and travel demand assumptions.
20-124	Regional Climate Adaptation Plan		✓	✓	✓	BCAG has applied for a grant with the Shasta Regional Transportation Agency to develop a regional climate adaptation plan in response to major fires that have struck both counties in the past year. The plan will look at forest management practices and evacuation solutions to deal with future fires that affect the two counties as a result of climate change.
20-212	Singer Creek Preserve Mitigation Management & Monitoring			✓	✓	This work element includes the ongoing five-year mitigation and monitoring requirements for the Singer Creek Mitigation and Conservation area that BCAG maintains on behalf of Caltrans District 3 for advance mitigation activities.
20-213	Butte Regional Transit Operations & Facility Maintenance			✓	✓	This work element includes staff time for the Project Manager who oversees the maintenance of the Butte Regional Transit Operations Center. Work includes management of the Transit Facility Manager and ongoing preventative maintenance work at the facility throughout the year.

TABLE 2 Continued – WORK ELEMENT DESCRIPTION & BENEFITS

2018/19 OVERALL WORK PROGRAM WORK ELEMENT DESCRIPTIONS & BENEFITS		FEDERAL REQUIREMENT	STATE REQUIREMENT	REGIONAL PLANNING NEED	SUPPORTS CITY- COUNTY PROGRAMS	WORK ELEMENT SUMMARY
20-216	State Route 191 Mitigation Project	✓	✓	✓		BCAG will be implementing the required federal and state mitigation for the SR 191 SHOPP project south of Paradise in Butte County. This project will satisfy the mitigation requirements for this \$30 million safety project.
20-300	Transportation Development Act (TDA) Administration		✓	✓	✓	BCAG is required to administer the Transportation Development Act (TDA) and State Transit Assistance (STA) funds within Butte County. TDA/STA funds are to fund transit operations first, if transit needs are being met, funds may then be used for other eligible uses such as streets and roads or bike and pedestrian improvements. TDA/STA funds are allocated to the Cities/County based on population and are managed through the required TDA/STA claims process. An annual audit of TDA/STA funds is also prepared by BCAG in accordance with the State Controller.
20-301	Public Transit Systems Coordination & Planning			✓	✓	BCAG as the owner and operator for B-Line includes a work element in the annual OWP to include for planning activities for improving public transit service within the region. During the 2018/19 FY, BCAG will continue to look at making improvements to the fixed route service using recommendations from the Transit & Non-Motorized Study that was prepared during the 2013/14-2014/15 FY.
20-302	Butte Regional Transit Administration & Operations			✓	✓	BCAG administers and operates Butte Regional Transit the <i>B-Line</i> throughout Butte County and the incorporated areas. B-Line operates a regional fixed route service and a paratransit/ADA service. Implementation of the B-Line is done in cooperation with the County and incorporated cities.
20-303	Americans with Disabilities Act (ADA) Certification Program Administration	✓	✓	✓	✓	Federal Transit Administration and ADA regulations require the B-Line provide complementary ADA service to eligible riders since fixed route service is provided to the general public. As part of the ADA service offered by B-Line, a certification process to determine ADA eligibility is provided by B-Line to determine ADA service eligibility, or whether a rider may use the service as a paratransit rider. This work element includes the implementation of the ADA certification services implemented by BCAG staff.
20-304	ADA Bus Stop Transition Plan	✓	✓	✓	✓	As operator of the public transit system for Butte County, BCAG is required to address ADA compliance over the five hundred bus and flag pole stops and transit center locations located along the fixed route bus service operated by B-Line. During the 2013/14-2014/15 FY, an ADA Bus Stop Compliance Plan was prepared that included an inventory of each stop, and the ADA compliance or non compliance issue. In the 2018/19 FY, as funding permits, BCAG will implement ADA improvements through the ADA Transition Plan.
20-308	Zero-Emission Electric Bus Rollout Plan	✓	✓	✓	✓	During the 2019/20 FY, BCAG will begin preparing the Zero Emission Electric Bus Rollout Plan to identify the schedule for meeting compliance with CARB 2018 rule.

TABLE 3 - ADDRESSING THE 10 FEDERAL PLANNING FACTORS IN THE 2019/20 OWP

		FEDERAL PLANNING FACTORS									
		Supports Economic Vitality in the MPO area, enables global competitiveness, productivity and efficiency.	Increases safety of the transportation system for motorized and non-motorized users.	Increases security of the transportation system for motorized and non-motorized users.	Increases the accessibility and mobility of people and freight.	Protects and enhances the environment, promotes energy conservation, improves quality of life, promotes consistency of transportation improvements, and economic development.	Enhances the integration and connectivity of the transportation system between modes, people & freight.	Promotes efficient system management and operations.	Emphasizes the preservation of the existing transportation system	Improves the resiliency and reliability of the transportation system, reduces or mitigates storm water impacts of surface transportation.	Enhances travel and tourism.
2019/20 WORK ELEMENTS											
20-999	INDIRECT COSTS										
20-100	2019/20 OWP ADMINISTRATION										
20-101	INFORMATION DISTRIBUTION	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20-102	REGIONAL TRANSPORTATION MODEL		✓	✓	✓	✓	✓	✓	✓	✓	
20-103	REGIONAL GIS MAINTENANCE	✓				✓	✓	✓		✓	
20-104	AIR QUALITY PLANNING	✓	✓	✓	✓	✓	✓	✓			✓
20-105	2019 FTIP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20-106	2018 RTIP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20-107	2020 RTP/SCS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20-108	Regional Housing Needs Allocation Plan	✓			✓	✓	✓			✓	
20-109	US CENSUS							✓			
20-110	ITS TRANSPORTATION MAINTENANCE	✓	✓		✓	✓	✓	✓	✓	✓	
20-114	BRCP	✓	✓	✓	✓	✓	✓	✓		✓	
20-120	TRANSPORTATION PERFORMANCE MEASURES	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20-121	SB 1 SUSTAINABLE TRANSPORTATION PLANNING 2017-18	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20-122	SB 1 SUSTAINABLE TRANSPORTATION PLANNING 2018-19	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20-123	SB 1 SUSTAINABLE TRANSPORTATION PLANNING 2019-20	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20-124	REGIONAL CLIMATE ADAPTATION PLAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20-212	SINGER CREEK PRESERVE MANAGEMENT					✓					
20-213	OPERATION FACILITY MAINTENANCE	✓	✓	✓		✓	✓	✓	✓	✓	✓
20-216	SR 191 PROJECT MITIGATION					✓					
20-300	TDA ADMINISTRATION		✓	✓	✓	✓	✓	✓	✓	✓	✓
20-301	PUBLIC TRANSIT PLANNING										
20-302	BRT ADMINISTRATION & OPERATIONS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20-303	BRT ADA CERTIFICATION	✓	✓	✓	✓	✓	✓	✓	✓	✓	
20-306	ADA BUS STOP TRANSITION PLAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20-308	ZERO-EMISSION ELECTRIC BUS ROLLOUT PLAN	✓	✓		✓	✓	✓	✓	✓	✓	✓

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2019/20 FISCAL YEAR

BUDGET REVENUES & EXPENDITURES

**2019/20
BUDGETED REVENUES**

OVERALL WORK PROGRAM REVENUES	2018/19 BUDGET	2019/20 BUDGET	NOTES
Federal Highway Administration (PL)	\$ 764,546	\$ 1,196,199	Carryover TBD
Federal Transit Administration (FTA) 5303	80,013	64,810	Carryover TBD
SB1 Planning Grant 17-18	106,131	12,836	Estimated carryover
SB1 Planning Grant 18-19	185,943	150,000	estimated carryover
SB1 Planning Grant 19-20	-	34,742	estimated
Adaptation Planning Grant	-	159,246	estimated
Transportation Development Act (TDA) Section 99233.1 - TDA Administration	72,763	92,531	
Transportation Development Act (TDA) Section 99233.2/99262 - Planning	470,469	527,802	
STIP Planning, Programming & Monitoring (PPM)	104,842	-	
New Market Tax Credit (NMTC) - Interest	165,000	165,000	
State Transportation Improvement Program (STIP)	408,610	1,148,279	
FTA 5339 Discretionary Grant	37,639	60,000	
Butte Regional Transit - Operations	585,693	589,243	
PTMISEA/NMTC Facility Construction	1,813,404	-	
Congestion Mitigation & Air Quality (CMAQ)	206,258	-	
Federal Demo Funds SR70	90,000	-	
FTA 5339 Capital Grant	-	328,000	
US Fish & Wildlife Section 6	409,614	47,000	
TOTAL REVENUES	\$ 5,500,925	\$ 4,575,688	

**2019/20
BUDGETED EXPENDITURES**

OVERALL WORK PROGRAM EXPENDITURES	<i>2018/19</i>	2019/20
SALARIES & BENEFITS		
Salaries	\$ 1,049,160	\$ 1,040,615
Benefits	555,051	555,730
Total Salaries & Benefits	\$ 1,604,211	\$ 1,596,345
SERVICES & SUPPLIES		
Communications	\$ 4,000	\$ 4,000
Facility Janitorial	24,000	24,000
Insurance	15,000	15,000
Maintenance - Computers	16,000	16,000
Maintenance - Facility & Grounds	13,317	14,500
Professional Memberships	8,000	8,700
Office Supplies	13,000	13,500
Small Office Equipment	800	800
Professional Services:		
Butte County Auditor	12,000	15,000
The Ferguson Group	63,000	-
Legal Counsel - Greg Einhorn	5,000	5,000
Actuarial reports/Fiscal & Performance audits	47,000	72,000
Traffic Model - Fehr & Peers	59,200	80,000
Land Use Model	-	22,500
CSU Chico GIS	20,000	50,000
RTP/SCS EIR	40,000	105,000
Sustainable Transportation Planning	260,241	524,500
Regional Climate adaptation Plan	-	100,000
BRCP consultants	542,114	62,500
BRT Operations Facility	1,700,000	410,000
SR 191 Mitigation	200,000	950,000
SR 70 - Ophir Mitigation Monitoring	7,500	-
Singer Creek Mitigation Monitoring	100,000	100,000
State Route 70 PA&ED	90,000	-
Paradise Transit Center Plan	200,000	-
Publications	4,000	4,000
Equipment Lease	4,500	4,500
Special Department Expense	2,900	2,900
Training	4,000	4,000
Building Lease	195,000	195,000
Travel	24,400	20,400
Utilities	15,000	10,000
Indirect Cost Plan - Over/Under Adjustment	206,742	74,140
Total Services & Supplies	\$ 3,896,714	\$ 2,907,940
TOTAL BUDGET	\$ 5,500,925	\$ 4,504,285

**2019/20 OWP & BUDGET
REVENUE SOURCE BY WORK ELEMENT**

WORK ELEMENTS		Adaptation		SB1	LTF	TDA	USFW	BRT	STIP	NMTC	FTA 5339	TOTAL	
		FHWA PL	FTA 5303	Planning	PLANNING	PLANNING	ADMIN						SEC 6
20-999	Indirect Costs							125,243		165,000		\$376,757	
20-100	OWP Administration	140,989										\$159,256	
20-101	Information Distribution	48,868										\$55,200	
20-102	Regional Traffic Model	90,073										\$101,744	
20-103	Regional GIS Program	52,448										\$59,244	
20-104	Air Quality Planning	6,305										\$7,122	
20-105	2019 FTIP	9,773	22,805									\$36,800	
20-106	2020 RTIP	16,289										\$18,400	
20-107	2020 RTP/SCS	209,125										\$236,220	
20-108	Regional Housing Needs Plan	6,305										\$7,122	
20-109	US Census	18,916										\$21,367	
20-110	ITS Transportation	8,143										\$9,199	
20-114	BRCP											\$117,700	
20-120	Regional Performance Measures	12,610										\$14,244	
20-121	Sustainable Transportation Planning 17-18				12,836	8,786						\$21,622	
20-122	Sustainable Transportation Planning 18-19	510,000			150,000	19,434						\$679,434	
20-123	Sustainable Transportation Planning 19-20				34,742	4,502						\$39,244	
20-124	Regional Climate Adaptation Plan			159,246		20,633						\$179,879	
20-212	Singer Creek Mitigation Monitoring								100,000			\$100,000	
20-213	BRT Operations Facility Maintenance					186,551					328,000	\$514,551	
20-216	SR 191 Project Mitigation								1,048,279			\$1,048,279	
20-300	TDA Administration						92,531					\$92,531	
20-301	Public Transit Planning	28,003	42,005			9,072						\$79,080	
20-302	BRT Operations & Administration					24,251		417,000				\$441,251	
20-303	BRT ADA Certification					2,257		47,000				\$49,257	
20-306	ADA Transition Plan					6,864					60,000	\$66,864	
20-308	Zero Emission Plan	38,352				4,969						\$43,321	
TOTAL REVENUE BY PROJECT		1,196,199	64,810	159,246	197,578	527,802	92,531	47,000	589,243	1,148,279	165,000	388,000	\$4,575,688

2019/20 OWP WORK ELEMENT SCHEDULE

TRANSPORTATION PLANNING WORK ELEMENTS		KEY STAFF	PRODUCT	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE
20-999	BCAG Indirect Cost Allocation Plan (ICAP) Implementation	Julie Quinn, CFO Jon Clark, Executive Director	A-87 Indirect Cost Allocation Plan	Implementation ongoing through fiscal year											2020/21 ICAP
20-100	Administration of the 2019/20 Overall Work Program & Budget	Victoria Proctor, Admin Assistant Jon Clark, Executive Director Julie Quinn, CFO Cheryl Massae, HR Manager	Implementation of 2019/20 OWP & Budget; 2020/21 OWP & Budget development	Implementation ongoing through fiscal year											DFT 2020/21 OWP Final 2020/21 OWP
20-101	Intergovernmental Coordination & Information Distribution	Ivan Garcia, Programming Specialist; Jon Clark, Executive Director	TAC meetings; Webpage; E-Newsletter	TAC	News letter		TAC	News Letter		TAC	News Letter		TAC	News Letter	
20-102	Regional Transportation Model Program	Brian Lasagna, Regional Analyst	Maintenance of computer model database, expansion of model	Work ongoing through fiscal year											
20-103	Regional Geographic Information System (GIS) Coordination	Brian Lasagna, Regional Analyst	Maintenance of GIS database, mapping	Work ongoing through fiscal year											
20-104	Transportation Air Quality Planning	Brian Lasagna, Regional Analyst	Monitoring of regulations, state/federal legislation and maintaining compliance for funding	Work ongoing through fiscal year											
20-105	2019 Federal Transportation Improvement Program (FTIP)	Ivan Garcia, Programming Specialist	2019 FTIP; monitor funding of FTIP projects, preparing amendments as necessary	Work ongoing through fiscal year											
20-106	2020 RTIP	Ivan Garcia, Programming Specialist	2020 RTIP, manage and update the RTIP as projects and funding issues warrant.						Adopt 2020 RTIP						
20-107	Regional Transportation Plan (RTP)/Sustainable Communities Strategy (SCS)	Ivan Garcia, Programming Specialist, Brian Lasagna, Regional Analyst	Development of the 2020 RTP/SCS	Work ongoing through fiscal year											
20-108	Regional Housing Needs Plan	Brian Lasagna, Regional Analyst	Development of the 2020 Regional Housing Needs Allocation Plan.	Work ongoing through fiscal year											
20-109	US Census Data Affiliate Center Administration	Brian Lasagna, Regional Analyst	Maintaining and distributing with 2010 census data; maintaining webpage with census data	Work ongoing through fiscal year											
20-110	Intelligent Transportation System Maintenance	Ivan Garcia, Programming Specialist	Submittal of annual reporting documents	Work ongoing through fiscal year											
20-114	Butte Regional Conservation Plan (BRCP)	Chris Devine, Planning Manager Jon Clark, Executive Director	Prepare Final Draft BRCP & EIR, Adopt BRCP & Submit for State/Federal Approval						Adopt 2020 BRCP						
20-120	Regional Performance Measures	Brian Lasagna, Regional Analyst	Development of MAP- 21 Performance Measures	Work ongoing through fiscal year											

WORK ELEMENTS		KEY STAFF	PRODUCT	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE
20-121	SB 1 Sustainable Transportation Planning 17-18	Brian Lasagna, Regional Analyst Chris Devine, Planning Manager	Update of traffic model land use file; RTP/SCS alternatives; transit component for traffic model	Product development through fiscal year											Product Complete
20-122	SB 1 Sustainable Transportation Planning 18-19	Chris Deveine, Planning Manager	Bike Map for Oroville Bikeway System	Product development through fiscal year											Product Complete
20-123	SB 1 Sustainable Transportation Planning 19-20	Andy Newsum, Deputy Director	Maintenance of mitigation required for the SR 70 widening project.	Implementation ongoing through fiscal year											
20-124	Regional Climate Adaptation Plan	Ivan Garcia, Programming Specialist, Brian Lasagna, Regional Analyst	Development of a Climate Adaptation Plan for Butte County.	Product development through fiscal year											
20-212	Singer Creek Mitigation Monitoring	Andy Newsum, Deputy Director	Ongoing maintenance for Singer Creek Mitigation Preserve	Implementation ongoing through fiscal year											
20-213	Butte Regional Operations Facility – Maintenance	Andy Newsum, Deputy Director, Jon Clark, Executive Director	Ongoing administration and maintenance of Butte Regional Operations Facility	Implementation ongoing through fiscal year											
20-216	SR 191 Project Mitigation	Andy Newsum Deputy Director, Chris Devine, Planning Manager	Work with Caltrans District 3, CDFW on development of mitigation requirements for SR 191.	Product development through fiscal year											
TRANSIT PLANNING & TDA ADMINISTRATION WORK ELEMENTS															
20-300	TDA Administration	Julie Quinn, CFO, Ivan Garcia, Programming Specialist	Administration of the TDA Program	Work ongoing through fiscal year											
20-301	Public Transit Planning	Mike Rosson, Transit Manager, Jim Peplow, Transit Operations	Ongoing planning for public transit services with the B-Line.	Work ongoing through fiscal year											
20-302	Butte Regional Transit Administration & Operations	Jon Clark, Executive Director Andy Newsum, Deputy Director Jim Peplow, Transit Operations Sara Muse, Transit Administration	Administration and Operation of Butte Regional Transit	Work ongoing through fiscal year											
20-303	ADA Certification for Butte Regional Transit	Cheryl Massae, Human Resources Manager, Victoria Proctor, Administrative Assistant	Implement ADA certification for Butte Regional Transit	Work ongoing through fiscal year											
20-306	ADA Bus Stop Transition Plan	Jim Peplow, Transit Operations, Andy Newsum, Deputy Director, Sara Muse Transit Administration	To implement needed ADA improvements for Butte Regional Transit Bus Stop facilities	Work ongoing through fiscal year											
20-308	Zero Emission Electric Bus Rollout Plan	Jon Clark, Executive Director Sara Muse, Associate Senior Planner for Transit Administration	Development of Zero Emission Electric Bus Rollout Plan.	Work ongoing through fiscal year											

Transportation Planning Work Program Elements

As the Metropolitan Planning Organization (MPO) and Regional Transportation Planning Agency (RTPA), BCAG is the primary transportation facilitator in Butte County. BCAG's primary responsibility is to implement a comprehensive and continuous regional transportation planning program in consultation with local, Tribal, state and federal transportation partners, and the citizens within Butte County. This regional transportation planning program includes the development of all state and federally required transportation planning documents that identify the transportation policies and investments to be implemented within the region by BCAG and its member agencies. BCAG's 2019/20 Overall Work Program Work Elements are presented in three sections.

Section 1 *Transportation Planning* – presents all of the state and federally required transportation planning and programming documents that will need to be prepared for the fiscal year to ensure transportation funding for the region. This section also includes other regional studies and planning work that has been determined necessary to carry out BCAG's regional transportation planning and project development program for the upcoming fiscal year.

Section 2 *Transportation Project Development/Management* – identifies the work elements for each of the STIP funded projects that BCAG will be developing in consultation with Caltrans, such as environmental documents and design. This section also includes other regional projects that are federally or state funded that BCAG is managing the development and construction of.

Section 3 *Transit Planning & Coordination* – includes the work elements that identify BCAG's responsibilities for administration of the Transportation Development Act (TDA) Local Transportation Funds (LTF). This section also includes transit planning studies that seek to improve transit ridership and cost effectiveness, and the management of the Butte Regional Transit System, the *B-Line*.

BCAG DRAFT 2019/20 OVERALL WORK PROGRAM & BUDGET

REGIONAL TRANSPORTATION PLANNING & PROGRAMMING		ANNUAL OWP ACTIVITY	WORK ELEMENT CONTINUED FROM 2018/19 FY	NEW WORK ELEMENT FOR 2019/20 FY
20-999	2019/20 Indirect Costs	X		
20-100	Administration of the 2019/20 Overall Work Program & Budget	X		
20-101	Intergovernmental Coordination & Information Distribution	X		
20-102	Regional Transportation Model	X		
20-103	Regional Geographic Information System (GIS) Maintenance & Coordination	X		
20-104	Transportation-Air Quality Planning	X		
20-105	2019 Federal Transportation Improvement Program (FTIP) - Administration	X		
20-106	2020 Regional Transportation Improvement Program (RTIP) - Administration	X		
20-107	2020 Regional Transportation Plan (RTP) & Sustainable Communities Strategy (SCS) Development	X		
20-108	Regional Housing Needs Plan			X
20-109	US Census Data Affiliate Coordination	X		
20-110	Intelligent Transportation System – Regional Architecture Maintenance	X		
20-114	Butte Regional Conservation Plan (BRCP)		X	
20-120	Regional Performance Measures for Planning and Programming	X		
20-121	SB 1 Sustainable Transportation Planning 17-18		X	
20-122	SB 1 Sustainable Transportation Planning 18-19	X		
20-123	SB 1 Sustainable Transportation Planning 19-20			X
20-124	Regional Climate Adaption Plan			X
REGIONAL TRANSPORTATION PROJECT DEVELOPMENT & MANAGEMENT				
19-212	Singer Creek Preserve Management		X	
19-213	Butte Regional Transit Operations & Maintenance Facility	X		
19-216	State Route 191 Mitigation Project		X	

BCAG DRAFT 2019/20 OVERALL WORK PROGRAM & BUDGET

TDA/TRANSIT COORDINATION & PLANNING		ANNUAL OWP ACTIVITY	WORK ELEMENT CONTINUED FROM 2019/20 FY	NEW WORK ELEMENTS FOR 2019/20 FY
19-300	Transportation Development Act Administration	X		
19-301	Public Transit Systems Coordination & Planning	X		
19-302	Butte Regional Transit Administration & Operations	X		
19-303	Americans with Disabilities Act (ADA) Certification Program	X		
19-306	Butte Regional Transit ADA Bus Stop Transition Plan		X	
19-308	Zero Emission Electric Bus and Infrastructure		X	



WORK ELEMENT 20-999

• 2019/20 Indirect Costs

OBJECTIVE: This work element identifies the indirect costs for the Overall Work Program & Budget.

INDIRECT COSTS FOR THE 2019/20 BUDGET

<u>SERVICES & SUPPLIES</u>	<u>TOTAL EXPENDITURES</u>
Communications	\$4,000
Household/Janitorial	\$24,000
Insurance	\$15,000
Maintenance Computer	\$11,500
Buildings & Ground	\$14,500
Office Supplies	\$13,000
Small Office Equipment	\$800
Memberships	\$8,700
Professional Services	
<i>Butte County Auditor Controller</i>	\$15,000
<i>Fiscal Audits</i>	\$25,000
<i>Legal Services</i>	\$5,000
<i>Actuarial services</i>	\$5,000
Publications & Legal Notices	\$4,000
Leased Equipment	\$4,500
Building Lease	\$195,000
Special Department Expenses	\$2,900
Training	\$4,000
Transportation Travel	\$20,400
Utilities	\$10,000
ICAP Over / (Under) Adjustment	\$74,141
Subtotal Services & Supplies	\$456,441
<u>INDIRECT SALARIES AND BENEFITS</u>	
General administration and allocable staff costs not directly attributable to specific work elements	\$605,900
Contributions to	
Other Post-Employment Benefit (OPEB) Liability	\$30,000
CalPERS Pension Unfunded Liability	\$52,164
Subtotal Salaries & Benefits	\$688,064
TOTAL INDIRECT COSTS	\$1,144,505
COSTS ALLOCATED TO DIRECT WORK ELEMENTS	\$769,748
COSTS ALLOCATED TO BUTTE REGIONAL TRANSIT	\$125,243
COSTS COVERED WITH LOCAL FUNDS	\$251,514
TOTAL INDIRECT FUNDING	\$1,146,505

TASKS

- 1) Prepare agendas for the monthly BCAG Board of Directors meetings;
- 2) Hold monthly meetings of the BCAG Board of Directors;
- 3) Prepare and file DBE and Reports with funding agencies;
- 4) Implement BCAG’s Personnel policies including preparation of employee performance evaluations;
- 5) Maintain documentation and administration of BCAG’s personnel files and benefit programs;
- 6) File claims for payment to County Auditor’s Office;
- 7) Prepare monthly invoicing to funding agencies;
- 8) Prepare status reports for management purposes;
- 9) Submit quarterly and semi-annual expenditure reports to funding agencies;
- 10) Prepare state controller’s reports;
- 11) Prepare financial statements and implement annual fiscal audit;
- 12) Implement administrative tasks for indirect support of the Overall Work Program;
- 13) Monitor and maintain facility equipment and systems.

STAFF TIME - WORK ELEMENT 20-999			
PERSONNEL		PERSON	MONTHS
Albert			7.5
Clark			3
Harrison			12.0
Massae			5.0
Proctor			3.0
Newsum			1.5
Quinn			10.0
		TOTAL	42.0



WORK ELEMENT 20-100

Administration of the 2019/20 Overall Work Program & Budget

OBJECTIVE: To implement the necessary administrative tasks associated with the administration of the 2019/20 Overall Work Program and Budget.

DESCRIPTION: The administration of the BCAG Overall Work Program (OWP) and Budget entails several support activities that are implemented on an ongoing basis throughout the fiscal year. Tasks and staff time under this work element support the administration of all work elements contained in the 2019/20 OWP & Budget. Resources for development of the 2020/21 OWP and Budget are also provided under this work element.

PREVIOUS WORK: BCAG has implemented an OWP & Budget since 1969.

TASKS

- 1) Maintain OWP and Budget files, correspondence – ongoing;
- 2) Prepare amendments for the 2019/20 OWP & Budget – as necessary;
- 3) Administer transportation planning and programming revenues – ongoing;
- 4) Prepare 2020/21 OWP & Budget – May 2020;
- 5) Where appropriate, coordinate planning activities with city aviation plans – ongoing;

PRODUCTS

- 1) Completion of administrative tasks for administration of the 2019/20 Overall Work Program & Budget – ongoing;
- 2) Close out of 2018/19 OWP and required supporting documents;
- 3) Completion of quarterly reports for the 2019/20 OWP;
- 2) Adoption of 2020/21 OWP & Budget – May 2020.

WORK ELEMENT 20-100 FUNDING SUMMARY			
PERSONNEL		PERSON MONTHS	
Executive Director		3	
Human Resource Manager		2	
Administrative Assistant		2	
Chief Fiscal Officer		1	
TOTAL PERSON MONTHS		8	
REVENUES		EXPENDITURES	
FHWA PL	\$140,989	PERSONNEL	\$86,202
LTF MATCH	\$18,267	INDIRECT EXPENSE	\$73,054
TOTAL	\$159,256.00	TOTAL	\$159,256.00



WORK ELEMENT 20-101

Intergovernmental Coordination & Information Distribution

OBJECTIVE: The objective of this work element is to: 1) Provide staff time for unforeseen transportation issues that arise during the fiscal year that require intergovernmental coordination; 2) provide transportation information and data to member agencies and the public through the BCAG newsletter and through the BCAG internet websites at www.bcag.org, www.blinetransit.com and www.buttehcp.com, 3) provide staff support for meetings of the BCAG Transportation Advisory Committee; 4) provide staff time for other advisory committees including local bicycle and transportation committees.

DESCRIPTION: During the fiscal year various transportation issues arise that require staff coordination with state, federal and local agencies. These transportation issues are unforeseen and are not identified in the Overall Work Program work elements. Staff time is budgeted in this work element to address these projects and program issues. In addition, BCAG staff attends meetings during the course of the year for the RTPA, CTC, Caltrans and other state, federal and local agencies involved with transportation.

Another important role for BCAG is to provide information on transportation projects and programs to its member agencies and the public by keeping the BCAG Website www.bcag.org updated with project and funding information. BCAG also distributes a information newsletter at least quarterly that identifies relevant work program, project and funding information that is beneficial to the region.

PREVIOUS WORK: Transportation Advisory Committee (TAC) since 1993, BCAG Newsletter since 1996, and Board Summaries since 2008.

TASKS – INTERGOVERNMENTAL COORDINATION

- 1) Attend local government meetings – as necessary;
- 2) Document Tribal government-to-government relations correspondence and meeting documents, prepare a new Consultation Procedures for coordinating with Native American Tribes within Butte County;
- 3) Coordinate meetings with appropriate agencies to resolve unforeseen transportation issues that arise during the fiscal year – as necessary;
- 4) Conduct TAC meetings – as necessary;
- 5) Attend Regional Transportation Planning Agency (RTPA) meetings – as necessary;

- 6) Attend California Transportation Commission (CTC) meetings and workshops – as necessary;
- 7) Attend Airport Land Use Commission (ALUC) meetings – as necessary;
- 8) Participate in Caltrans District 3 meetings and workshops, including the District 3 Goods Movement Study to document freight movement within Butte County – as necessary;
- 9) Attend local transportation/bicycle advisory committee meetings – as necessary;
- 10) Attend unforeseen meetings on transportation issues – as necessary;
- 11) Coordinate and consult with all Tribal Governments – as necessary.

TASKS – INFORMATION DISTRIBUTION

- 12) Distribute relevant transportation information and legislative updates to member agencies – ongoing;
- 13) Provide Caltrans and other governmental agencies with Butte County transportation information – ongoing;
- 14) Provide local newspapers with informational notices for the public on major transportation projects or programs – ongoing;
- 15) Communicate BCAG planning activities and pertinent transportation information through BCAG monthly newsletter and through the BCAG websites – ongoing;
- 16) Conduct technical workshops on transportation issues – as necessary;
- 17) Where practical, conduct outreach activities to involve under-represented groups and Tribal Governments within Butte County.

PRODUCTS

- 1) Information distribution – ongoing;
- 2) Intergovernmental coordination – ongoing;
- 3) Meetings and agendas for the Transportation Advisory Committee – as necessary;
- 4) Participation in meetings/conferences on various transportation issues – as needed;
- 5) BCAG Newsletter – quarterly;
- 6) BCAG Board Summaries – monthly or following Board meetings;
- 7) BCAG Internet Web Page – ongoing.

WORK ELEMENT 20-101 FUNDING SUMMARY			
PERSONNEL		PERSON MONTHS	
PROGRAMMING SPECIALIST		3	
TOTAL PERSON MONTHS		3	
REVENUES		EXPENDITURES	
FHWA PL	\$48,868	PERSONNEL	\$29,879
LTF MATCH	\$6,332	INDIRECT EXPENSE	\$25,321
TOTAL	\$55,200.00	TOTAL	\$55,200.00



WORK ELEMENT 20-102

Regional Transportation Model

OBJECTIVE: To maintain the Regional Transportation Model and database.

DESCRIPTION: The BCAG Regional Transportation Model supports the development of state and federal transportation plans and studies.

As a Federal non-attainment area for ozone and a maintenance area fine particulate matter (PM 2.5) as defined under the Federal Clean Air Act Amendments, BCAG must develop an Air Quality Conformity determination for the Regional Transportation Plan (RTP) / Sustainable Communities Strategy (SCS) and the Federal Transportation Improvement Program (FTIP) to demonstrate conformity to the air quality goals established in the State Implementation Plan (SIP) for the area.

The Regional Transportation Model also serves as a planning tool to analyze existing and future traffic conditions on the regional road network and other roadways, as a result of planned or proposed land uses or roadway improvements. Traffic counts are updated every four years and incorporated into the traffic model to keep the model current. Counts are also provided to member jurisdictions for transportation planning and engineering uses.

BCAG's current traffic model was updated during the 2015/16 FY and calibrated/validated to the base year of 2014, which coincided with the latest traffic counts.

For the 2019/20 fiscal year, BCAG will continue with the development of a new model for the 2020 RTP/SCS. BCAG will also continue to maintain the existing model and respond to modeling requests for the purpose of amending regional plans. BCAG staff will continue to revise input data and documentation for the model.

PREVIOUS WORK: BCAG has maintained a countywide transportation model since 1993; the last update was prepared during the 2015/16 FY. The last round of traffic counts were completed in 2017/18.

TASKS

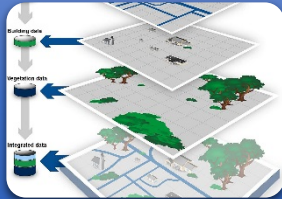
- 1) Maintain traffic model input data incorporating latest planning data and assumptions, as needed – ongoing;
- 2) Document all modeling assumptions and data updates, as needed – ongoing;
- 3) Coordinate contract amendment with modeling consultant for model maintenance and regional planning requests – July 2018;

- 4) Coordinate with modeling consultant to implement revisions and respond to requests for modeling regional travel, as needed – ongoing;
- 5) Complete forecast years for new model for 2020 RTP/SCS – June 2020.

PRODUCTS

- 1) Updated traffic modeling data which includes latest planning assumptions – June 2020;
- 2) Updated documentation of modeling assumptions and data updates – June 2020;
- 3) Executed contract amendment with modeling consultant – August 2019;
- 4) Up-to-date existing regional travel model – June 2020;
- 5) Forecast years for new model for 2020 RTP/SCS – June 2019.

WORK ELEMENT 20-102 FUNDING SUMMARY			
PERSONNEL		PERSON MONTHS	
REGIONAL ANALYST		1	
TOTAL PERSON MONTHS		1	
REVENUES		EXPENDITURES	
FHWA PL	\$90,073	PERSONNEL	\$95,210
LTF MATCH	\$11,671	INDIRECT EXPENSE	\$6,534
TOTAL	\$101,744.00	TOTAL	\$101,744.00



WORK ELEMENT 20-103

Regional Geographic Information System (GIS) Maintenance & Coordination

OBJECTIVE: To maintain a regional Geographic Information System (GIS) for BCAG and its member agencies for transportation and other planning purposes.

DESCRIPTION: BCAG initiated a regional GIS database program during the 1997/98 FY. The purpose for developing the GIS database was to provide BCAG and its member agencies with a comprehensive parcel-based GIS database to support primarily transportation planning, but also to support other planning within the region.

BCAG coordinates the development of the regional GIS program in cooperation with our member agencies and other public entities that are interested in GIS. A GIS Working Group was initiated by BCAG in 2000 for the purpose of coordinating GIS planning activities between BCAG, member agencies and other outside government agencies. A primary goal of the Working Group is to coordinate GIS development to ensure that duplication of effort is not occurring and to ensure consistent standards for data are maintained.

During the 2002/03 FY, BCAG completed development of the countywide parcel base map, road network, and address dataset which have become the foundation for all other datasets. During the 2011/12 FY, BCAG completed the development of countywide land use, a combined general plan, bus route and stop, and bike facilities data sets for the region. An updating process has been established to keep these datasets up-to-date.

During the 2019/20 FY, BCAG will continue to maintain and update the regional GIS datasets and web mapping applications under a contract with Chico State University, Geographic Information Center (GIC), with data provided by the Butte County Assessor's Office and the local jurisdictions.

BCAG staff will also continue to coordinate meetings of the Butte GIS Working Group. The Butte GIS Working Group was initiated during the 2000/01 FY, and meets on a bi-monthly basis to discuss mutual work activities for GIS. During the 2019/20 FY, BCAG staff will prepare agendas and maintain meeting notes for this committee.

BCAG staff will also continue coordination of meetings of the North Valley Regional GIS Group. The intent of the group is to increase coordination and communication among GIS users throughout the region. The North Valley Regional GIS Group includes members from Butte, Colusa, Glenn, and Tehama Counties. During the 2019/20 FY, BCAG staff will prepare agendas and maintain meeting notes for this committee which meets annually. BCAG staff will also attend and participate in meetings of the California GIS Council as a representative of the North Valley Regional GIS Group and the Butte GIS Working Group.

BCAG's Regional GIS program supports transportation planning programs by providing a sophisticated tool to analyze transportation and land use information, to evaluate potential project impacts, and to map project and data layers for decision making. BCAG's GIS data is shared with BCAG member agencies, Tribal Governments, and Caltrans.

PREVIOUS WORK: BCAG has maintained a regional GIS program since the 1997/98 fiscal year; BCAG has coordinated the GIS Working Group since 2000/01 and the North Valley Regional GIS Group since 2002/03; during the 2011/12 fiscal year, BCAG developed a GIS based regional land use allocation model for the RTP/SCS.

TASKS

- 1) Coordinate GIS activities with the appropriate city, town and county departments, and BCAG's Transportation Advisory Committee – ongoing;
- 2) Assist public and member jurisdictions with GIS data requests – ongoing;
- 3) Coordinate meetings and agendas for the Butte GIS Working Group – bi-monthly;
- 4) Coordinate meetings and agendas for the North Valley Regional GIS Group – annually;
- 5) Attend meetings and participate as representative of the North Valley Regional GIS Group on the California GIS Council – bi-annually;
- 6) Coordinate contract with CSUC for regional GIS dataset and web mapping maintenance – July 2019 through June 2020;
- 7) Prepare maps to support regional transportation projects – ongoing;

PRODUCTS

- 1) Communications with local jurisdictions and BCAG's Transportation Advisory Committee – ongoing;
- 2) Responses to GIS data requests from the public and member jurisdictions – ongoing;
- 3) Agendas and meeting notes for the Butte GIS Working Group – bi-monthly;
- 4) Agendas and meeting notes for the North Valley Regional GIS Group – annually;
- 5) Attendance at meetings of the California GIS Council – bi-annually;
- 6) Executed contract with CSUC for regional GIS dataset and web mapping maintenance – July 2019;
- 7) Cartographic output for regional transportation and other projects – ongoing;

WORK ELEMENT 20-103 FUNDING & STAFFING SUMMARY			
PERSONNEL		PERSON MONTHS	
REGIONAL ANALYST		1	
TOTAL PERSON MONTHS		1	
REVENUES		EXPENDITURES	
FHWA PL	\$52,448	PERSONNEL	\$7,710
LTF MATCH	\$6,796	INDIRECT EXPENSE	\$6,534
		CONSULTANT	\$40,000
		USER LICENSE	\$4,500
		PLOTTER SUPPLIES	\$500
TOTAL	\$59,244.00	TOTAL	\$59,244.00



WORK ELEMENT 20-104

Transportation - Air Quality Planning

OBJECTIVE: The purpose of this work element is to ensure that BCAG's transportation planning and programming responsibilities are in compliance with Federal and State Clean Air Act requirements, and that the BCAG Board of Directors and member jurisdictions are informed on relevant transportation-air quality regulations and issues.

DESCRIPTION: Federal transportation legislation requires that transportation projects and programs address air quality provisions included in the Federal Clean Air Act.

To ensure that BCAG's transportation planning programs address applicable Federal Clean Air Act goals and objectives, BCAG includes this work element in the Overall Work Program to address the integrated transportation and air quality planning provisions as set forth under federal transportation planning laws.

With the promulgation of the federal 8-hour ozone standard in 2004, Butte County was classified as "basic – subpart one non-attainment" for ozone countywide. Effective July 20, 2012, Butte County is designated marginal non-attainment for the 2008 federal ozone standard. Effective August 3, 2018, Butte County is designated marginal non-attainment for the 2015 federal ozone standard. As a result of a 2018 SIP revision approved by EPA, Butte County (Chico Urbanized area) was re-designated from non-attainment to attainment with a Maintenance SIP for fine particulate matter (PM_{2.5}) under the EPA 2006 24-hour PM_{2.5} NAAQS. Because of these designations, BCAG's transportation planning requirements are subject to the Air Quality Conformity provisions per EPA's Transportation Conformity Rule. Air Quality Conformity is the requirement to quantify and document that all federally funded transportation projects, or projects requiring federal approval as proposed for funding in BCAG's Regional Transportation Plan (RTP), will not further degrade air quality and are consistent with the goals in the appropriate State Implementation Plans (SIPs).

BCAG develops the required Air Quality Conformity Determination in consultation with various federal, state, Tribal and local government entities and the public through the "interagency consultation" process. BCAG reviews all elements of the Conformity Determination process with its Transportation Advisory Committee (TAC), which includes representatives from the public works and planning departments of each city, town and county, as well as representatives from Butte County Air Quality Management District (BCAQMD), Caltrans, Tribal Governments, citizen representatives, and other interested or affected agencies.

BCAG staff also consults directly with Federal Highway Administration (FHWA), Environmental Protection Agency (EPA), Federal Transit Administration (FTA), California Air Resources Board (ARB) and Caltrans in the development of the Conformity Determination through the "interagency consultation" process. A 30-day public review and comment period

is provided as well, along with legal notices posted in local papers. The draft document is also made available via BCAG's website.

An additional function under this work element includes keeping BCAG member agencies informed of transportation/air quality issues and regulations that could affect transportation planning or city, town and county transportation programs.

BCAG staff will continue to coordinate all transportation-air quality issues with BCAG member agencies, the Butte County Air Quality Management District, Caltrans, FHWA, FTA and EPA.

PREVIOUS WORK: BCAG has maintained Transportation – Air Quality Elements in the OWP since 1995/96.

TASKS

- 1) Monitor state and federal air quality regulations, plans, and programs as they relate to regional and local transportation planning and programs and advise the BCAG Governing Board and member jurisdictions – as needed;
- 2) Work with the Butte County Air Quality Management District (BCAQMD) to update State Implementation Plan (SIP) and participate in basin-wide meetings – as needed;
- 3) Prepare Air Quality Conformity analyses and determinations for planning and development activities that require federal approval - as needed;
- 4) Coordinate meetings of the BCAG Interagency Consultation Review (ICR) group – as needed;
- 5) Participate in statewide transportation conformity working group meetings – as needed.

PRODUCTS

- 1) Information on air quality issues provided to the BCAG Board and member jurisdictions – as needed;
- 2) Attendance at meetings of the basin-wide BCAQMD – as needed;
- 3) Air Quality Conformity findings for the RTP and other activities that require federal approval – as required;
- 4) Agenda and meeting items for the BCAG ICR – as needed;
- 5) Attendance at meetings of the statewide conformity working group – as needed.

WORK ELEMENT 20-104 FUNDING & STAFFING SUMMARY			
PERSONNEL		PERSON MONTHS	
REGIONAL ANALYST		.5	
TOTAL PERSON MONTHS		0.5	
REVENUES		EXPENDITURES	
FHWA PL	\$6,305	PERSONNEL	\$3,855
LTF MATCH	\$817	INDIRECT EXPENSE	\$3,267
TOTAL	\$7,122.00	TOTAL	\$7,122.00



WORK ELEMENT 20-105

2019 Federal Transportation Improvement Program (FTIP)

OBJECTIVE: To administer the 2019 Federal Transportation Improvement Program (FTIP) and to develop the 2021 FTIP.

DESCRIPTION: As the Metropolitan Planning Organization (MPO) for Butte County, BCAG is responsible for preparing, adopting and submitting a Federal Transportation Improvement Program (FTIP) to Caltrans, the Federal Highway Administration (FHWA), and the Federal Transit Administration (FTA). The FTIP is a programming document that identifies all regionally significant transportation projects and programs for Butte County that will be funded by federal, state, and local funding sources within the short-term horizon. Projects identified in the FTIP include those for streets and roads, highways, transit, safety, bridge reconstruction, enhancements, and other programs that receive federal dollars or require some type of federal approval. The 2019 FTIP was adopted in September 27, 2018 by the BCAG Board and will be amended as needed during the 2019/20 fiscal year. In addition, the 2021 FTIP development will be initiated in June 2020 after the adoption of the 2020 State Transportation Improvement Program (STIP) with a scheduled adoption in March 2020.

The FTIP will require continued consistency with the Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS), the Regional Transportation Improvement Program (RTIP) and MAP 21 legislative compliancy. In addition, BCAG's 2019 FTIP identifies the regions updated financial plan as required by 23 CFR 450.324(e).

During the 2019/20 FY, there will be administrative modifications and formal amendments to the 2019 FTIP for various projects. In the event that the FTIP needs to be amended, BCAG will make the necessary amendments to the RTP/SCS and Air Quality Conformity determination, as appropriate. The Air Quality Conformity Determination for the FTIP will be prepared in accordance with 23 CFR 450.330(b).

Management and amendments of the FTIP will be done in consultation with the appropriate local, state, federal agencies, Tribal Governments, the BCAG Transportation Advisory Committee, and BCAG Board pursuant to 23 CFR 450.316(b). BCAG's Public Participation Plan (PPP) process and procedures will be followed. All FTIP amendments will be developed electronically utilizing the Caltrans California Transportation Improvement Program System (CTIPs) and posted on BCAG's website at www.bcag.org.

PREVIOUS WORK: 2019 Federal Transportation Improvement Program (FTIP), 2016 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS), and 2018 RTIP.

TASKS

- 1) Work with local jurisdictions and Caltrans to identify projects and funding for the 2021 FTIP;
- 2) Review and ensure consistency with the 2016 Regional Transportation Plan/ Sustainable Communities Strategy (RTP/SCS), 2020 RTP/SCS development and with the 2018 Regional Transportation Improvement Program (RTIP) – as required;
- 3) Prepare and or update Air Quality Conformity Determination – as required;
- 4) Process and develop FTIP Amendments – as required;
- 5) Provide public hearing on FTIP Amendments – as required;
- 6) Maintain and update CTIP System for Butte County FTIP Projects – as required;
- 7) Attend FTIP program manager meetings and subcommittee meetings – as necessary;
- 8) Coordinate with all Tribal Governments – as necessary.

PRODUCTS

- 1) Manage 2019 FTIP and Amendments – as necessary;
- 2) Development of the 2021 FTIP – as necessary.

WORK ELEMENT 20-105 FUNDING & STAFFING SUMMARY			
PERSONNEL		PERSON MONTHS	
PROGRAMMING SPECIALIST		2	
TOTAL PERSON MONTHS		2	
REVENUES		EXPENDITURES	
FHWA PL	\$9,773	PERSONNEL	\$19,919
LTF MATCH	\$4,222	INDIRECT EXPENSE	\$16,861
FTA 5303	\$22,805		
TOTAL	\$36,800.00	TOTAL	\$36,780.00



WORK ELEMENT 20-106

- 2018 Regional Transportation Improvement Program (RTIP) Administration & 2020 RTIP Development

OBJECTIVE: To manage the 2018 Regional Transportation Improvement Program (RTIP) for Butte County and develop the new 2020 RTIP.

DESCRIPTION: As the RTPA for Butte County, BCAG is responsible for preparing, adopting and submitting a RTIP to the California Transportation Commission (CTC) every two years. The RTIP identifies the region's transportation programming recommendations for the State Transportation Improvement Program (STIP) that is adopted by the CTC for the five-fiscal year period beginning on July 1, 2018. BCAG's 2018 RTIP was adopted on December 14, 2017 by the BCAG Board of Directors and submitted to the CTC for inclusion into the 2018 STIP.

As part of the management of the 2018 RTIP, BCAG may need to make programming amendments to the 2018 RTIP and the STIP. These amendments will need to be reviewed with the public prior to adoption by the Board. Amendments to the RTIP will be done in consultation with the cities, town, county, Caltrans, and the public through the BCAG Transportation Advisory Committee. Providing noticed public meetings of the advisory committees and BCAG Board will also provide public participation throughout the planning process in accordance with the BCAG Public Participation Plan (PPP).

Projects identified in the 2018 RTIP will be consistent with the 2016 Regional Transportation Plan / Sustainable Communities Strategy and 2019 Federal Transportation Improvement Program.

In addition, during the 2019/20 fiscal year, BCAG will develop the new 2020 RTIP for the 2020 STIP Cycle for the five fiscal year period between FY 20/21 through FY 24/25.

PREVIOUS WORK: 2018 Regional Transportation Improvement Program (RTIP), 2016 Regional Transportation Plan / Sustainable Communities Strategy (RTP/SCS).

TASKS

- 1) Work with Caltrans District 3, HQ, CTC and member jurisdictions on 2018 RTIP and amendments – as necessary;
- 2) Ensure consistency between the RTIP, FTIP and RTP/SCS – as necessary;
- 3) Work with BCAG Transportation Advisory Committee, Caltrans and BCAG Board on matters concerning the RTIP;

- 4) Attend meetings concerning the projects and programming of the 2018 RTIP/STIP - as necessary;
- 5) Develop the new 2020 RTIP in consultation with TAC, Caltrans, BCAG Board and public;
- 6) Coordinate with all Tribal Governments – as necessary.

PRODUCTS

- 1) Amend, monitor and process the 2018 Regional Transportation Improvement Program (RTIP) and projects – as necessary;
- 2) Develop 2020 RTIP and projects – as necessary;
- 3) Update the California Transportation Improvement Program System (CTIPS) concerning projects in the RTIP/STIP – as necessary.

WORK ELEMENT 20-106 FUNDING & STAFFING SUMMARY			
PERSONNEL		PERSON MONTHS	
PROGRAMMING SPECIALIST		1	
TOTAL PERSON MONTHS		1	
REVENUES		EXPENDITURES	
FHWA PL	\$16,289	PERSONNEL	\$9,960
LTF MATCH	\$2,111	INDIRECT EXPENSE	\$8,440
TOTAL	\$18,400.00	TOTAL	\$18,400.00



WORK ELEMENT 20-107

2020 Regional Transportation Plan (RTP) & Sustainable Communities Strategy (SCS)

OBJECTIVE: To prepare the 2020 Regional Transportation Plan (RTP) and Sustainable Communities Strategy (SCS) for Butte County. The RTP/SCS is a state and federally required long-range (20-year minimum), multimodal, comprehensive transportation plan for the Butte County region.

DESCRIPTION: BCAG's Regional Transportation Plan (RTP) and Sustainable Communities Strategy (SCS) serves as the guide for transportation planning and programming activities in Butte County. The RTP/SCS establishes the region's transportation goals, objectives, and policies for transportation systems within Butte County. The RTP/SCS is an action-oriented and pragmatic plan that considers the short (10-year) and long (20+ years) funding outlook to present clear, concise policy guidance for transportation planning to local and state officials.

The RTP/SCS will require continued consistency with the Federal Transportation Improvement Program (FTIP), the Regional Transportation Improvement Program (RTIP) and MAP 21 legislative compliancy.

During the 2019/20 FY, BCAG staff assumes that there will be several amendments to the 2016 RTP/SCS for various projects. In the event that the RTP/SCS needs to be amended, BCAG will make the necessary amendments to the Air Quality Conformity determination, as appropriate. The Air Quality Conformity Determination for the RTP/SCS will be prepared in accordance with 23 CFR 450.330(b).

Management and amendments of the RTP/SCS will be done in consultation with the appropriate local, state, federal agencies, Tribal Governments, the BCAG Transportation Advisory Committee, and BCAG Board pursuant to 23 CFR 450.316(b). BCAG's Public Participation Plan (PPP) process and procedures will be followed. All RTP/SCS amendments will be posted on BCAG's website at <http://www.bcag.org/Planning/RTP--SCS/index.html>.

In addition, initiation of the next 2020 RTP/SCS began in the 2018/19 fiscal year. During the 2019/20 fiscal year, it is anticipated that the majority of the update to the 2020 RTP/SCS will be completed. The 2020 RTP/SCS is required to be adopted by the BCAG Board by December 2020.

PREVIOUS WORK: 2016 Regional Transportation Plan and Sustainable Communities Strategy & EIR, and 2016 Air Quality Conformity Determination; 2019 Federal Transportation Improvement Program (FTIP), 2018 Regional Transportation Improvement Program (RTIP)

TASKS

- 1) Prepare 2016 RTP/SCS amendments as necessary - ongoing;
- 2) Continue development of 2020 RTP/SCS – July 2019 through June 2020
- 3) Continue development of the 2020 RTP/SCS EIR – July 2019 through June 2020
- 4) Continue implementation of outreach efforts contained in the BCAG Public Participation Plan (PPP) for the 2020 RTP/SCS – July 2019 through June 2020;
- 5) Participate in the MPO / State RTPA Working Group meetings – as needed.

PRODUCTS

- 1) Complete 2016 RTP/SCS amendment(s) – ongoing;
- 2) Continue development of 2020 RTP/SCS – ongoing;
- 3) Continue public outreach for 2020 RTP/SCS, which may include presentations to BCAG committees, public/private sector groups, the BCAG Board and holding of public workshops – as necessary;
- 4) Draft RTP/SCS EIR – June 2020;
- 5) Attendance at meetings of the MPO / State RTPA Working Group meetings – as needed.

WORK ELEMENT 20-107 FUNDING & STAFFING SUMMARY			
PERSONNEL		PERSON MONTHS	
PROGRAMMING SPECIALIST		4.5	
REGIONAL ANALYST		2.5	
ASSOCIATE SENIOR PLANNER		1	
TOTAL PERSON MONTHS		8	
REVENUES		EXPENDITURES	
FHWA PL	\$209,125	PERSONNEL	\$71,027
LTF MATCH	\$27,095	INDIRECT EXPENSE	\$60,193
		CONSULTANT	\$105,000
TOTAL	\$236,220.00	TOTAL	\$236,220.00



WORK ELEMENT 20-108

Regional Housing Needs Plan

OBJECTIVE: Update the state required Regional Housing Needs Plan (RHNP) for Butte County.

DESCRIPTION: California Government Code Section 65584 requires BCAG to prepare a Regional Housing Needs Plan (RHNP) for the Butte County region. The RHNP identifies the region's allocation of the statewide housing need between 2020-2030, as provided by the Department of Housing and Community Development (HCD), and then identifies how this housing need will be allocated to the cities, town and county within the region.

The RHNP allocates to cities, town and the county their "fair share" of the regions projected housing needs by household income group covering the eight to ten year period of the plan. Each jurisdiction must then use their regional "fair share" housing allocation as the goal when updating their General Plan Housing Element. The next RHNP for Butte County is due to the state in December 2020.

During the 2019/20 fiscal year, BCAG will initiate the development of the 2020 RHNP through an initial consultation with HCD, establishing outreach to the local governments, obtain and analyze data from local jurisdictions, and begin preparation of the proposed methodology for the allocation of units.

The RHNP will be developed in cooperation with the cities, town and county through the BCAG Planning Directors Group. The group will meet as needed to work with BCAG staff on preparation of the RHNP update.

PREVIOUS WORK: BCAG last updated the RHNP in 2012.

TASKS

- 1) Consult with HCD about regional allocation – December 2019;
- 2) Establish outreach to local governments – January 2020;
- 3) Obtain and analyze data from local jurisdictions – February/March 2020;
- 4) Work with BCAG Planning Directors Group to prepare proposed methodology – April 2020 through June 2020;

- 5) Issue proposed methodology for public comment – June 2020.

PRODUCTS

- 1) Attendance at HCD allocation meetings – December 2019;
- 2) Correspondence with local governments – January 2020;
- 3) Database of local jurisdictions existing inventory – March 2020;
- 4) Meeting agenda items and notes – April 2020 through June 2020;
- 5) Proposed Methodology – June 2020.

WORK ELEMENT 20-108 FUNDING SUMMARY			
PERSONNEL		PERSON MONTHS	
REGIONAL ANALYST		.5	
TOTAL PERSON MONTHS		0.5	
REVENUES		EXPENDITURES	
FHWA PL	\$6,305	PERSONNEL	\$3,855
LTF MATCH	\$817	INDIRECT EXPENSE	\$3,267
TOTAL	\$7,122.00	TOTAL	\$7,122.00



WORK ELEMENT 20-109

U.S. Census Affiliate Coordination

OBJECTIVE: To provide U.S. Census and state data-related services to users in Butte County as a regional data center for Butte County.

DESCRIPTION: BCAG has signed a Joint Statistical Agreement (JSA) with the California Department of Finance to assume Affiliate State Data Center (SDC) responsibilities for Butte County. U.S. Census and state data is integrated throughout BCAG's regional transportation planning and programming processes, including transportation modeling, Geographic Information Systems (GIS), transit systems planning, air quality conformity, and funding formula development.

BCAG will respond to inquiries and provide technical assistance and data consultation to member jurisdictions and the general public, as well as monitor and integrate Census Bureau estimates and projections into BCAG's regional transportation planning processes. BCAG will also maintain a publicly accessible collection of Census Bureau reference and statistical publications, as well as an internet website providing information on Census data specific to Butte County.

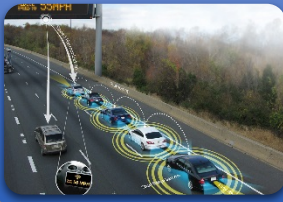
TASKS

- 1) Maintain a publicly-accessible collection of Census Bureau and SDC reference and statistical publications - ongoing;
- 2) Maintain a Census and state data internet website for Butte County data - ongoing;
- 3) Review Census and state datasets as they are published – as needed;
- 4) Respond to inquiries and provide technical assistance and data consultation to member jurisdictions and the general public – as needed;
- 5) Attend SDC program meetings – annually;
- 6) Monitor and integrate Census Bureau and state estimates and projections into regional transportation planning processes - ongoing;
- 7) Complete annual questionnaire, reporting census-related activities during the last year – annually.

PRODUCTS

- 1) Up-to-date publicly accessible collection of Census Bureau reference and statistical publications – ongoing;
- 2) Up-to-date website providing Census-related data for Butte County - ongoing;
- 3) Comments on Census and state datasets – as needed;
- 4) Responses to inquiries from member jurisdictions and the general public – as needed;
- 5) Attendance at SDC program meetings – annually;
- 6) Various planning documents containing updated information from Census and SDC – as needed;
- 7) Completed questionnaire for SDC – annually.

WORK ELEMENT 20-109 FUNDING & STAFFING SUMMARY			
PERSONNEL		PERSON MONTHS	
REGIONAL ANALYST		1.5	
TOTAL PERSON MONTHS		1.5	
REVENUES		EXPENDITURES	
FHWA PL	\$18,916	PERSONNEL	\$11,565
LTF MATCH	\$2,451	INDIRECT EXPENSE	\$9,802
TOTAL	\$21,367.00	TOTAL	\$21,367.00



WORK ELEMENT 20-110

Intelligent Transportation System - Regional Architecture Maintenance

OBJECTIVE: To maintain the completed North Valley Regional Architecture Intelligent Transportations Systems Plan as required in 23 CFR Parts 655 and 940 – Intelligent Transportation System Architecture and Standards; Final Rule.

DESCRIPTION: BCAG has completed the development of this federal requirement. Butte, Glenn, and Colusa counties represent three north-state counties that did not have an ITS Regional Architecture and SDP conforming to the requirements of 23 CFR Parts 655 and 940. BCAG led the development of a multi-county ITS-SDP in partnership with Glenn County, Colusa County, Caltrans, and FHWA, with the assistance of *Iteris, Inc.* as the ITS Coordinator.

In the Fall of 2003, the three counties, FHWA, and Caltrans met and established a working group committed to working together as a three-county partnership. The working group served as the basis for forming the Project Development Team (PDT) that guided the development of the ITS-SDP. In May of 2004, BCAG received an FHWA Partnership Planning Grant through Caltrans that partially funded the development of the ITS Plan.

In May of 2005, the completed Plan was forwarded to FHWA for their acceptance. As part of the requirements stated in the Final Rule, BCAG has committed to maintaining the architecture in continued consultation with Glenn and Colusa counties.

This work element will provide ongoing monitoring of local projects within the region and will identify those projects with ITS elements that incorporate stated architecture projects.

Other work elements that may contribute to the maintenance of the Regional Architecture are those local and regional roadway and highway projects with elements of ITS built into them. All work accomplished under this work element will be done in partnership with FHWA, Caltrans and the counties of Butte, Glenn, and Colusa.

TASKS

- 1) Conduct quarterly jurisdictional assessments to review ITS project progress through June 2020.
- 2) Monitor and participate with Caltrans' development of a north state ITS project

PRODUCTS

- 1) Continued assessment of the North Valley Regional Architecture Maintenance Plan – as needed;
- 2) Participate and provide information to Caltrans on a north state ITS project – as necessary

WORK ELEMENT 20-110 FUNDING & STAFFING SUMMARY			
PERSONNEL		PERSON MONTHS	
PROGRAMMING SPECIALIST		.5	
TOTAL PERSON MONTHS		0.5	
REVENUES		EXPENDITURES	
FHWA PL	\$8,143	PERSONNEL	\$4,979
LTF MATCH	\$1,056	INDIRECT EXPENSE	\$4,220
TOTAL	\$9,199.00	TOTAL	\$9,199.00



WORK ELEMENT 20-114

Butte Regional Conservation Plan (BRCP)

OBJECTIVE: To develop a federal Habitat Conservation Plan (HCP) and State Natural Communities Conservation Plan (NCCP) that streamlines the state and federal permitting process for future transportation projects and land use activities and provides for improved conservation of the region's biodiversity.

DESCRIPTION: The Butte Regional Conservation Plan (BRCP) is an HCP/NCCP that addresses the need for broad-based planning in Butte County to provide streamlined environmental permitting for future land use and transportation projects while ensuring improved protection and conservation of the region's rich natural resources. The preparation of the BRCP is being done in cooperation with the US Fish & Wildlife Service (USFWS), National Marine Fisheries Services (NMFS), the California Department of Fish and Wildlife (CDFW), Caltrans District 3, the Permit Applicants, stakeholder groups and the general public. A parallel program is being developed to provide wetland permit streamlining via U.S. Army Corp of Engineers (USACE), U.S. Environmental Protection Agency (EPA), CDFW, and Central Valley Regional Water Quality Control Board (CVRWQCB).

BCAG and its member jurisdictions are developing a streamlined environmental permitting process for their future projects that have the potential to affect state and federally listed species and habitat. The strategy being used is the development of a Habitat Conservation Plan (HCP) and Natural Communities Conservation Plan (NCCP) that will address mitigation requirements for future transportation projects and land use activities covered by the BCAG Regional Transportation Plan (RTP) and city and county general plans. Without the BRCP, future land use and transportation projects will likely experience a lengthy and convoluted environmental permitting process that will cause unnecessary delays to project construction and result in inferior species and habitat protection.

Final completion of the BRCP and EIS/EIR documents occurred in the 2018/19 Fiscal year. Work during the 2019/20 Fiscal year will include seeking final approvals of the BRCP from city councils and governing boards, along with approval of the Implementing Agreement and associated implementing ordinances. Final permitting of the BRCP will occur via USFWS, NMFS and CDFW.

Coordination with USACE, EPA, and CVRWQCB will also continue to finalize the issuance of a Regional General Permit (RGP) and establishment of an In-lieu-fee (ILF) program. Coordination will also include developing a Programmatic Agreement with the

State Historic Preservation Officer (SHPO) to provide streamlined permitting for Section 106 of the National Historic Preservation Act (NHPA), and developing agreements with CDFW and CVRWQCB to streamline Section 1602 of CDFW code (stream and lakebed alteration agreements) and Section 401 of the Clean Water Act (CWA) respectively. Additionally, implementation and outreach materials will be updated for use by BCAG and the Permit Applicants.

Transition steps will also begin towards implementing the BRCP in the 2019/20 fiscal year and include assessing staffing needs, establishing internal protocols, coordinating with cities and county to establish permitting protocols, updating the BRCP user's guide and forms, etc.

Public outreach will continue throughout the 2019/20 fiscal year with continued meetings with stakeholder and special interest groups, BRCP Applicants Committee, BRCP Elected Officials Committee, updating of the BRCP brochure, and continued maintenance of the BRCP website.

PREVIOUS WORK: BCAG has been facilitating meetings and work plan development for development of the BRCP since the 2006/07 fiscal year. The final BRCP and EIS/EIR were completed during the 2018/19 fiscal year.

Note - FHWA PL funding is being used by BCAG to fund a portion of the work in the BRCP in accordance with 23 CFR 450.320, which allows an MPO to develop a programmatic mitigation plan for projects included in the Regional Transportation Plan (RTP) & Sustainable Communities Strategy (SCS). Caltrans District 3, which is a BRCP permit applicant, has also identified projects and programs covered by the BRCP.

TASKS:

- 1) Coordinate local approvals of BRCP, EIS/EIR, Implementing Agreement, and implementing ordinances with Permit Applicants;
- 2) Coordinate final permitting of the BRCP with state and federal wildlife agencies;
- 3) Develop updated BRCP brochure;
- 4) Develop updated BRCP user's guide and forms;
- 5) Develop Final RGP and ILF Program;
- 6) Coordinate final approvals of RGP and ILF Program with USACE and EPA;

- 7) Coordinate with State Historic Preservation Officer and USACE in development of Programmatic Agreement to streamline Section 106 of the National Historic Preservation Act;
- 8) Coordinate with CDFW to develop permit streamlining approach for Section 1602 of CDFW code;
- 9) Coordinate with Central Valley Regional Water Quality Control Board to develop permit streamlining approach for Section 401 of the Clean Water Act;
- 10) Coordinate stakeholder and special interest group meetings, wildlife agency technical meetings, BRCP Elected Officials Committee meetings, and BRCP Applicants Committee meetings;
- 11) Coordinate with Permit Applicants on transition to implementation of BRCP at the local level;
- 12) Continue to maintain and update BRCP website.

PRODUCTS

- 1) Updated BRCP brochure – October 2019
- 2) Updated BRCP implementation guide and forms – December 2019
- 3) Final RGP and ILF Program – December 2019

WORK ELEMENT 20-114 FUNDING & STAFFING SUMMARY			
PERSONNEL		PERSON MONTHS	
BRCP MANAGER		3	
TOTAL PERSON MONTHS		3	
REVENUES		EXPENDITURES	
USFWS SECTION 6 GRANT	\$47,000	PERSONNEL	\$29,879
LTF MATCH	\$70,000	INDIRECT EXPENSE	\$25,321
		CONSULTANT – ICF	\$45,000
		CONSULTANT - LEGAL	\$17,500
TOTAL	\$117,000.00	TOTAL	\$117,700.00



WORK ELEMENT 20-120

Regional Performance Measures

OBJECTIVE: To establish performance measures, collect data, prepare reports and develop programs to enhance performance-based planning.

DESCRIPTION: Federal transportation legislation (MAP-21) placed new and stronger emphasis on measuring and monitoring the performance of the transportation system and requires states and MPOs to implement a performance based approach to planning and programming. Performance-based planning and programming includes using transportation performance measures, setting targets, reporting performance, and programming transportation investments directed toward the achievement of transportation system performance outcomes.

During the 2019/20 FY, BCAG will continue to coordinate with Caltrans and local planning partners to identify procedures for implementing performance-based planning provisions such as collecting performance data, selecting and reporting performance targets for the BCAG region, and reporting system performance related to those targets. BCAG will coordinate with the State in documenting these procedures as required under 23 CFR 450.314(h).

PREVIOUS WORK: 2016 Regional Transportation Plan (RTP) and 2019 Federal Transportation Improvement Plan (FTIP).

TASKS

- 1) Coordinate with local planning partners and Caltrans to identify data sources, prepare targets, and report performance related to those targets – July 2019 through June 2020;
- 2) Maintain a performance measuring and monitoring internet website for the Butte County region – ongoing.

PRODUCTS

- 1) BCAG Board approved performance targets for FY 2019/20 – July 2019 through June 2020;
- 2) Up-to-date website providing performance measuring and monitoring information for Butte County region – ongoing.

WORK ELEMENT 20-120 FUNDING & STAFFING SUMMARY			
PERSONNEL		PERSON MONTHS	
REGIONAL ANALYST		1	
TOTAL PERSON MONTHS		1	
REVENUES		EXPENDITURES	
FHWA PL	\$12,610	PERSONNEL	\$7,710
LTF MATCH	\$1,634	INDIRECT EXPENSE	\$6534
TOTAL	\$14,244.00	TOTAL	\$14,244.00



WORK ELEMENT 20-121

SB - 1 Sustainable Transportation Planning FY 2017-18

OBJECTIVE: To manage the 2017/18 Sustainable Communities Formula Grant funds allocated under Senate Bill (SB) 1 – The Road Repair and Accountability Act of 2017. The intent of the grant is to support and implement Regional Transportation Plan (RTP) - Sustainable Communities Strategies (SCS) and to ultimately achieve the State’s greenhouse gas (GHG) reduction target of 40 and 80 percent below 1990 levels by 2030 and 2050, respectively.

DESCRIPTION: The Caltrans Sustainable Communities Formula Funds support the development of BCAG’s SCS and assist in carrying out the objectives of the plan.

As the region’s Metropolitan Planning Organization (MPO), BCAG is designated by the state to prepare the area’s SCS as an additional element of the RTP. The SCS is the forecasted development pattern for the region, which, when integrated with the transportation network, and other transportation measures and policies, will meet the passenger vehicle greenhouse gas reduction target for the area.

BCAG’s first SCS was prepared for the 2012 RTP and focused on bringing together newly developed local land use plans to lay out a future development pattern for the region which balanced housing and employment growth within specified growth areas, protected sensitive habitat and open space, and invested in a multi-modal transportation system. The SCS prepared for the 2016 RTP expanded on the efforts of the 2012 plan by integrating a new long-range transit and non-motorized plan.

During the 2019/20 fiscal year, BCAG will continue with the development of the 2020 SCS. The following activities will be accomplished in accordance with the 2020 SCS work plan and schedule: continued project management, and; quantify reductions in VMT and GHG associated with the additional strategies developed in the 2018/19 fiscal year.

BCAG will coordinate all work activities with the BCAG Planning Director’s Group (PDG) consisting of representatives from BCAG member jurisdictions, the Butte County Air Quality Management District, and Butte Local Agency Formation Commission (LAFCO). Public outreach will be conducted via the BCAG Board of Director’s meetings, BCAG website, and open house public workshops, when necessary.

PREVIOUS WORK: BCAG prepared the region’s first SCS as part of the 2012 RTP. The latest SCS was prepared as an additional element of the 2016 RTP, and was adopted in December of 2016. During the 2018/19 fiscal year, BCAG prepared a 2012 & 2016 SCS Plan Review Report, prepared a draft technical methodology for estimating GHG emissions, updated the 2018 regional planning datasets, began development of the regional land use model, developed a mode choice component for the regional travel demand model,

developed additional strategies for reducing VMT and transportation related GHGs for incorporation into the draft 2020 SCS, and integrated findings from and recommendations from the Butte PEV Readiness Plan into the draft 2020 SCS.

TASKS

- 1) Project Management – Ongoing;
- 2) Quantify Reductions for Additional Strategies – October 2019 through January 2020.

PRODUCTS

- 1) Invoice Packages and Quarterly Reports – Ongoing;
- 2) Memorandum Summarizing Reductions for Additional Strategies – January 2020.

WORK ELEMENT 20-121 FUNDING & STAFFING SUMMARY			
PERSONNEL		PERSON MONTHS	
REGIONAL ANALYST		.5	
TOTAL PERSON MONTHS		0.5	
REVENUES		EXPENDITURES	
SB 1 PLANNING FUNDS	\$12,836	PERSONNEL	\$3,855
LTF MATCH	\$8,786	INDIRECT EXPENSE	\$3,267
		CONSULTANT	\$14,500
TOTAL	\$21,622.00	TOTAL	\$21,622.00



WORK ELEMENT 20-122

SB - 1 Sustainable Transportation Planning FY 2018-19

OBJECTIVE: To manage the 2018/19 Sustainable Communities Formula Grant funds allocated under Senate Bill (SB) 1 – The Road Repair and Accountability Act of 2017. The intent of the grant is to support and implement Regional Transportation Plan (RTP) - Sustainable Communities Strategies (SCS) and to ultimately achieve the State’s greenhouse gas (GHG) reduction target of 40 and 80 percent below 1990 levels by 2030 and 2050, respectively.

DESCRIPTION: The Caltrans Sustainable Communities Formula Funds support the development of BCAG’s SCS and assist in carrying out the objectives of the plan. These funds support development of all activities identified in this Work Element.

As the region’s Metropolitan Planning Organization (MPO), BCAG is designated by the state to prepare the area’s SCS as an additional element of the RTP. The SCS is the forecasted development pattern for the region, which, when integrated with the transportation network, and other transportation measures and policies, will meet the passenger vehicle greenhouse gas reduction target for the area.

BCAG’s first SCS was prepared for the 2012 RTP and focused on bringing together newly developed local land use plans to lay out a future development pattern for the region which balanced housing and employment growth within specified growth areas, protected sensitive habitat and open space, and invested in a multi-modal transportation system. The SCS prepared for the 2016 RTP expanded on the efforts of the 2012 plan by integrating a new long-range transit and non-motorized plan.

During the 2019/20 fiscal year, BCAG will utilize the 2018/19 SB-1 Sustainable Communities Formula Funds to develop a Post-Camp Fire Regional Population and Transportation Study. The aftermath of the Camp Fire has left an estimated 30,000 residents displaced with ~1,400 housing structures and ~500 commercial structures destroyed. This overnight redistribution of population has resulted in an immediate and significant impact to local and regional traffic circulation, transit, infrastructure, businesses, schools and housing in the region.

Based on the immediate need, BCAG will prepare a Regional Population and Transportation Study to look at regional population, housing, employment, and traffic data for pre (2018) and post (2020) Camp Fire time periods. The study will develop several scenarios for the 2030 time period based on existing research, empirical data, and existing policies available at the time of study development. In addition, an update of the region’s short and mid-term transit plan will be completed with the collected data.

The results of the study will be available to local and regional agencies who are in need of data to update their individual plans and programs. In addition, the data will be used to inform the RTP/SCS, as well as BCAG's other transportation, land use, and housing related plans.

During the 2019/20 fiscal year, BCAG will acquire a knowledgeable and experienced consultant to prepare the study. Data will be collected and work will begin on the 2030 scenarios and the short and mid-term transit plan update.

BCAG will coordinate all work activities with the BCAG Planning Director's Group (PDG) consisting of representatives from BCAG member jurisdictions, the Butte County Air Quality Management District, and Butte Local Agency Formation Commission (LAFCO). Public outreach will be conducted via the BCAG Board of Director's meetings, and open house public workshops, when necessary.

PREVIOUS WORK: BCAG included an additional Work Element in the 2018-19 Fiscal Year Overall Work Program to perform work on the region's 2020 SCS utilizing 2018/19 SB-1 Sustainable Communities Formula funds.

TASKS

- 1) Project Management – Ongoing;
- 2) Project Initiation – July 2019;
- 3) Identify and Assess Pre and Post-Camp Fire Conditions – September 2019 through January 2020;
- 4) Public Outreach – Ongoing;
- 5) Prepare 2030 Re-Population Scenarios – January 2020 through June 2020;
- 6) Prepare Short and Mid-Term Transit Plan - January 2020 through June 2020.

PRODUCTS

- 1) Invoice Packages and Quarterly Reports – Ongoing;
- 2) Meeting Notes, Project Schedule, RFP, and Executed Agreement – August 2019;
- 3) Report of Pre and Post Fire Conditions – January 2020;
- 4) Memorandums and Materials – Ongoing;
- 5) Report of 2030 Re-Population Scenarios – June 2020;
- 6) Report of Short and Mid-Term Transit Plan – June 2020.

WORK ELEMENT 20-122 FUNDING & STAFFING SUMMARY			
PERSONNEL		PERSON MONTHS	
BRCP MANAGER		2	
REGIONAL ANALYST		2.5	
ASSOCIATE SENIOR PLANNER		2	
TOTAL PERSON MONTHS		6.5	
REVENUES		EXPENDITURES	
FHWA PL	\$510,000	PERSONNEL	\$124,466
SB 1 PLANNING FUNDS	\$150,000	INDIRECT EXPENSE	\$44,968
LTF MATCHING FUNDS	\$19,434	CONSULTANTS	\$510,000
TOTAL	\$679,434.00	TOTAL	\$679,434.00



WORK ELEMENT 20-123

SB - 1 Sustainable Transportation Planning FY 2019-20

OBJECTIVE: To manage the 2019/20 Sustainable Communities Formula Grant funds allocated under Senate Bill (SB) 1 – The Road Repair and Accountability Act of 2017. The intent of the grant is to support and implement Regional Transportation Plan (RTP) - Sustainable Communities Strategies (SCS) and to ultimately achieve the State’s greenhouse gas (GHG) reduction target of 40 and 80 percent below 1990 levels by 2030 and 2050, respectively.

DESCRIPTION: The Caltrans Sustainable Communities Formula Funds support the development of BCAG’s SCS and assist in carrying out the objectives of the plan. These funds support development of all activities identified in this Work Element.

As the region’s Metropolitan Planning Organization (MPO), BCAG is designated by the state to prepare the area’s SCS as an additional element of the RTP. The SCS is the forecasted development pattern for the region, which, when integrated with the transportation network, and other transportation measures and policies, will meet the passenger vehicle greenhouse gas reduction target for the area.

BCAG’s first SCS was prepared for the 2012 RTP and focused on bringing together newly developed local land use plans to lay out a future development pattern for the region which balanced housing and employment growth within specified growth areas, protected sensitive habitat and open space, and invested in a multi-modal transportation system. The SCS prepared for the 2016 RTP expanded on the efforts of the 2012 plan by integrating a new long-range transit and non-motorized plan.

During the 2019/20 fiscal year, BCAG will continue with the development of the 2020 SCS. The following activities will be accomplished in accordance with the 2020 SCS work plan and schedule: continue development of the updated regional land use allocation model and identification of areas to accommodate the forecasted growth, continue development of the technical methodology for quantifying GHG emissions; continue public outreach associated with the development of the plan, and; attend state agency meetings and respond to request by state agencies.

In addition, BCAG’s regional planning datasets will be updated in coordination with the local jurisdictions. The datasets consist of bike facilities, bus routes and stops, existing land uses, non-residential building footprints, and a combined general plan layer, all in geographical information system (GIS) format. The datasets are used to inform the SCS and develop the land use and transportation components of the plan.

BCAG will coordinate all work activities with the BCAG Planning Director’s Group (PDG) consisting of representatives from BCAG member jurisdictions, the Butte County Air Quality

Management District, and Butte Local Agency Formation Commission (LAFCO). Public outreach will be conducted via the BCAG Board of Director's meetings, and open house public workshops, when necessary.

PREVIOUS WORK: BCAG prepared the region's first SCS as part of the 2012 RTP. The latest SCS was prepared as an additional element of the 2016 RTP, and was adopted in December of 2016. During the 2018/19 fiscal year, BCAG prepared a 2012 & 2016 SCS Plan Review Report, prepared a draft technical methodology for estimating GHG emissions, updated the 2018 regional planning datasets, began development of the regional land use model, developed a mode choice component for the regional travel demand model, developed additional strategies for reducing VMT and transportation related GHGs for incorporation into the draft 2020 SCS, and integrated findings from and recommendations from the Butte PEV Readiness Plan into the draft 2020 SCS.

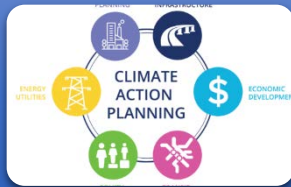
TASKS

- 1) Project Management – Ongoing;
- 2) Project Initiation – July 2019;
- 3) Prepare Updates to Technical Methodology – As Needed;
- 4) Prepare Updates to Regional Planning Datasets – January 2020 through June 2020;
- 5) Public Outreach – Ongoing.

PRODUCTS

- 1) Invoice Packages and Quarterly Reports – Ongoing;
- 2) Project Schedule and Executed Agreement with Chico State – August 2019
- 3) Updated Technical Methodology – As Needed;
- 4) Updated Regional Planning Datasets – June 2020;
- 5) Memorandums and Materials – Ongoing.

WORK ELEMENT 20-123 FUNDING & STAFFING SUMMARY			
PERSONNEL		PERSON MONTHS	
REGIONAL ANALYST		1	
TOTAL PERSON MONTHS		1	
REVENUES		EXPENDITURES	
SB 1 PLANNING FUNDS	\$34,742	PERSONNEL	\$7,710
LTF MATCHING FUNDS	\$4,502	INDIRECT EXPENSE	\$6,534
		CONSULTANTS	\$25,000
TOTAL	\$39,244.00	TOTAL	\$39,244.00



WORK ELEMENT 20-124

Regional Climate Adaptation Plan

OBJECTIVE: The objective of this work element is to develop the ButteReady Extreme Climate Event Mobility and Adaptation Plan for Butte County

DESCRIPTION: On November 8, 2018, the Camp Fire burned through the incorporated Town of Paradise (*population 26,572*) and the unincorporated communities of Magalia, Concow and Pulga in Butte County California. The Camp Fire was the largest and most devastating fire in California's history and the largest in the nation in the past 100 years.

The previous year in early 2017, the region saw record precipitation events which contributed to the Oroville Dam crisis which resulted in the evacuation of over 180,000 people and damage to the dam requiring \$1.1 billion in repairs.

These historic fires and precipitation events caused a series of cascading impacts that the region is still dealing with. Each of these climate events contributes to a feedback loop that makes future events more frequent and more severe: Increased congestion, long detours, induced trips due to evacuation and disaster response, reconstruction efforts, and even the fires themselves all release additional greenhouse gases into the atmosphere, further hastening climate change. Climate events and their related impacts are becoming longer, more frequent and more severe; and conditions are only expected to worsen.

The ButteReady Extreme Climate Event Mobility and Adaptation Plan for Butte County will identify and assess regional vulnerabilities to climate change and provide actionable strategies for incorporation into regional and local plans and programs. In addition to evaluating vulnerable communities, demographics, travel modes, structures, and other infrastructure with a transportation nexus, the plan will also examine the following potential vulnerabilities: transportation corridors and pinch-points, areas with limited ingress and egress, and areas where gridlock is likely. The Plan anticipates using flexible and adaptive approaches to improve the efficiency of the existing network, identify future improvements to address impacts, and develop strategies to better preserve current and future transportation resources.

PREVIOUS WORK: None.

TASKS

- 1) **Project Initiation:** Task include project kick-off, management, consultant procurement, establish and maintain a Project Technical Advisory Committee (TAC) and develop a draft initial case study.

- 2) **Identify and Assess Existing Conditions:** Tasks include the identification of existing conditions; assessing them and conducting comprehensive climate event “debriefing” interviews.
- 3) **Stakeholder Outreach:** Task involves comprehensive public outreach to plan and conduct public workshops, online engagement and stakeholder meetings.
- 4) **Extreme Climate Event Mobility and Adaptation Plan:** Tasks include the development of adaptation concepts and alternatives, the preparation of a draft and final document including funding sources and final plan presentations.
- 5) **Fiscal Administration:** Task include the fiscal and reporting requirements associated with the management of the grant including invoicing, reporting and project close out.

PRODUCTS

- 1) Record of Activities and Initial Case Study;
- 2) Technical Memorandums, Mapping & Interview Documentation;
- 3) Record of Activities, Web & Social Media Content, Power Point Presentations
- 4) Draft and Final Plan
- 5) Project Close Out & Grant Reporting Requirements

WORK ELEMENT 20-124 FUNDING & STAFFING SUMMARY			
PERSONNEL		PERSON MONTHS	
BRCP PROGRAM MANAGER		3	
REGIONAL ANALYST		1	
TOTAL PERSON MONTHS		4	
REVENUES		EXPENDITURES	
SB 1 PLANNING FUNDS	\$159,246	PERSONNEL	\$44,237
LTF MATCHING FUNDS	\$20,633	INDIRECT EXPENSES	\$35,642
		CONSULTANT	\$100,000
TOTAL	\$179,879.00	TOTAL	\$179,879.00



WORK ELEMENT 20-212

Singer Creek Preserve Management

OBJECTIVE: To fund an agreement with a consultant to manage a 335 - acre piece of property in Tehama County.

DESCRIPTION: BCAG was deeded a 377 - acre piece of property in Tehama County in 2012. Caltrans had acquired the property for the purpose of mitigating District 03 state highway projects that would be jointly funded with Caltrans and BCAG.

In 2008, a 40 - acre preserve was created with a consultant for the purpose of mitigating a highway project south of the City of Oroville at Ophir Road and State Route 70. A perpetual easement was recorded with the Wildlife Heritage Foundation. An endowment was also funded to support the continued effort to monitor the preserve and assure that it is protected and managed in perpetuity.

Inclusive of the agreement with Caltrans was the deeding of the remaining 335 acres to BCAG. The State funded \$100,000 for which BCAG would engage a consultant to manage the 335 acres.

The remaining property, exclusive of the above-mentioned 40 acres, is currently under management of The Nature Conservancy (TNC) as part of their larger and adjacent land management. The 335 acres is contiguous to and lies in between the TNC property and spans across Singer Creek.

In the 2019/20 fiscal year, staff may get an agreement funded with a qualified consultant to manage the 335 acres in perpetuity and preserve the ability for further state highway projects to be mitigated as they become available, if required. As it stands right now, management of this ground is effective as included in TNC grazing and management operations. Beginning a different or unrelated strategy may not be the best course of action at this time. Yearly monitoring reports for the 40-acre preserve will continue through the 2019/2020 fiscal year.

TASKS

- 1) Development of an agreement for the management of the 335 - acre parcel if required
- 2) Fund the agreement if required

PRODUCTS

- 1) Management of Multiple Habitat mitigation site;
- 2) Prepare and forward Yearly Monitoring Reports.

WORK ELEMENT 20-212 FUNDING & STAFFING SUMMARY			
PERSONNEL		PERSON MONTHS	
TOTAL PERSON MONTHS		0	
REVENUES		EXPENDITURES	
STIP	\$100,000	Consultant	\$100,000
TOTAL	\$100,000	TOTAL	\$100,000



WORK ELEMENT 20-213

Butte Regional Transit Operations and Maintenance Center

OBJECTIVE: To manage the day to day activities and operations of the Butte Regional Transit Operations & Maintenance Facility (Campus) buildings and grounds.

DESCRIPTION: BCAG and Butte Regional Transit (BRT) currently manage operations at a facility on Huss Lane in Chico.

In March of 2016, the new Administration (Bldg. A.), Maintenance (Bldg. B), Fueling (Bldg. C) and Bus wash buildings (Bldg. D) were completed. In October of 2017, the remodeling of the building in which operations previously were managed was completed. This building is Bldg. E and houses the BCAG Board of Directors Executive Board Room and 13 office spaces. 9 office spaces are leased to small non-profit organizations through March of 2019. Renewed leases will be put into place through June 30, 2020 with the existing tenants with potential additional leases being added for the vacant 4 office spaces.

Ongoing management of the campus involves maintenance and repair of various tools, equipment, building operational systems, irrigation and landscaping as well installation of retrofit systems and continued tenant management.

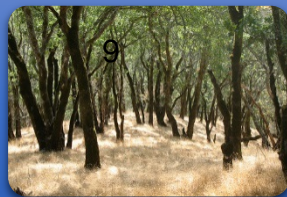
TASKS

- 1) Manage existing and new investments to campus building operational systems
- 2) Manage tenants and usage agreements for office space and use of common spaces at Bldg. E

PRODUCTS

- 1) Various completed maintenance and retrofit projects for campus of buildings
- 2) Tenant lease and common room use agreements.

WORK ELEMENT 20-213 FUNDING & STAFFING SUMMARY			
PERSONNEL		PERSON MONTHS	
EXECUTIVE DIRECTOR		1	
DEPUTY DIRECTOR		3	
TOTAL PERSON MONTHS		4	
REVENUES		EXPENDITURES	
LTF MATCHING FUNDS	\$186,551	PERSONNEL	\$56,591
FTA 5339 CAPITAL	\$328,000	INDIRECT EXPENSES	\$47,960
		CONSULTANT	\$410,000
TOTAL	\$514,551.00	TOTAL	\$514,551.00



WORK ELEMENT 20-216

State Route 191 Mitigation

OBJECTIVE: To develop and implement the required federal and state environmental mitigations for the completed State Route 191 State Highway Operations and Protection Program (SHOPP) project south of the Town of Paradise.

DESCRIPTION: BCAG has been requested by Caltrans District 3 to design and implement the required mitigation for the State Route 191 SHOPP project south of the Town of Paradise in Butte County.

The mitigation project will involve locating sufficient acreage of blue oak woodland and jurisdictional stream habitat for preservation and creation requirements for completed construction project impacts. BCAG will need to either purchase the land in fee title or as conservation easements, develop a management plan for the site and establish an endowment for maintaining the site in perpetuity.

Staff has executed a Cooperative Agreement with Caltrans defining the terms and funding to accomplish the mitigation.

TASKS – Year 1

- 1) Work with Caltrans District 3 and state and federal wildlife agencies to finalize mitigation requirements.
- 2) Retain appraiser to locate and appraise site for consideration.
- 3) Negotiate fee title or easement purchase of suitable land.

PRODUCTS – Year 1

- 1) Final mitigation plan requirements.
- 2) Location of mitigation sites for consideration of easements or acquisition.

WORK ELEMENT 20-216 FUNDING & STAFFING SUMMARY			
PERSONNEL		PERSON MONTHS	
BRCP PROGRAM MANAGER		4	
DEPUTY DIRECTOR		1	
TOTAL PERSON MONTHS		5	
REVENUES		EXPENDITURES	
STIP	\$1,048,279	PERSONNEL	\$53,196
		INDIRECT EXPENSE	\$45,083
		CONSULTANTS	\$950,000
TOTAL	\$1,048,279.00	TOTAL	\$1,048,279.00



WORK ELEMENT 20-300

Transportation Development Act Fund Administration

OBJECTIVE: To administer the allocation of monies from the Local Transportation Fund (LTF) and State Transit Assistance (STA) to member entities, and to prepare the 2020/21 Unmet Transit Needs Assessment.

DESCRIPTION: As the administrator of the Transportation Development Act (TDA) for Butte County, BCAG is responsible for Local Transportation Funds and State Transit Assistance Funds which support transit and road projects in Butte County. BCAG allocates and monitors the distribution and use of these funds. This administrative mechanism permits BCAG to ensure that LTF funds are used in accordance with the Transportation Development Act.

This work element coordinates activities with the State Controller, Butte County Auditor-Controller and the Butte County Treasury, as funds are received and distributed.

One of the annual tasks included in this work element is the "Unmet Transit Needs" finding process, which is required under PUC Section 99401.5. BCAG's unmet transit needs process is accomplished with the assistance of the Social Services Transportation Advisory Council (SSTAC), in accordance with the Transportation Development Act.

As in the past, public meetings will be held in each jurisdiction to solicit testimony on unmet transit needs that may exist. The SSTAC will review this testimony, along with staff's analysis of the request as being "reasonable to meet" and makes an unmet transit needs finding recommendation to the BCAG Board of Directors. The BCAG Board then considers the testimony, responses, and the recommendation before making an annual unmet transit needs finding.

BCAG will also facilitate the production of the annual fiscal audits of Transportation Development Act funds received by the claimants through the efforts of an independent auditor.

PREVIOUS WORK: BCAG has administered the LTF since 1978; BCAG prepared the required Social Services Transportation Inventory and Action Plan Update during the 2001/02 FY; Triennial Performance Audits for public transit systems were prepared during the 2015/16 FY.

TASKS

- 1) Liaison with Butte County Auditor's office, Caltrans, and State Controller's office – ongoing;
- 2) Develop LTF and STA Findings of Apportionment for adoption by the BCAG Board – April 2020;
- 3) Review statutes, rules and regulations, and pending legislation pertinent to transit and transit funding – ongoing;
- 4) Hold workshops and public hearings regarding unmet transit needs, including with under-represented and underserved populations, such as the elderly, disabled, low-income, and minority (*i.e Black, Hispanic, Asian American, American Indian/Alaska Native, and Pacific Islander*) communities/groups and community leaders – October/November 2017;
- 5) Analyze and assess unmet transit needs based on workshops and hearings – October 2019/ January 2020;
- 6) Prepare 2019/20 Unmet Needs Assessment and Finding, review with SSTAC and Board – February 2020;
- 7) Prepare agendas and minutes for meetings with the SSTAC – as needed;
- 8) Conduct SSTAC meetings to review unmet transit needs and other pertinent social service transportation issues – as needed;
- 9) Review LTF and STA claims submitted by claimants including technical assistance in completing BCAG claim forms, compliance with LTF/STA rules and regulations, and compliance with BCAG Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) – ongoing;
- 10) Prepare audits as required under the Transportation Development Act (TDA) for BCAG and all member jurisdictions – annually;
- 11) Provide oversight of LTF and STA audits – ongoing.

12) PRODUCTS

- 1) 2019/20 LTF & STA Findings of Apportionment – May 2019;
- 2) 2019/20 Transit Needs Assessment – February 2019;
- 3) Documentation of all Tribal government-to-government relations.

WORK ELEMENT 20-300 FUNDING & STAFFING SUMMARY			
PERSONNEL		PERSON MONTHS	
PROGRAMMING SPECIALIST		1	
SENIOR PLANNER TRANSIT OPERATIONS		1	
CHIEF FISCAL OFFICER		1	
TOTAL PERSON MONTHS		3	
REVENUES		EXPENDITURES	
TDA ADMINISTRATION FUNDS	\$92,531	PERSONNEL	\$28,434
		INDIRECT EXPENSE	\$24,097
		CONSULTANT	\$40,000
TOTAL	\$92,531.00	TOTAL	\$92,531.00



WORK ELEMENT 20-301

Transit Systems Coordination & Planning

OBJECTIVE: To coordinate the required planning activities for the Butte County Regional Transit System.

DESCRIPTION: Starting with the 2001/02 FY, BCAG assumed the day-to-day planning responsibilities for the public transit system operated by the cities, town and county (Butte County Transit, Chico Area Transit, Chico Clipper, Oroville Area Transit, Oroville Express, and Paradise Express).

In 2005, the cities, town and county consolidated the transit policy making authority under BCAG in addition to the day-to-day administration responsibilities. BCAG's Joint Powers Agreement has been amended to include the policy making responsibilities for the new public consolidated regional transit system.

To work with staff on policy and planning issues concerning Butte Regional Transit, a Transit Administrative Oversight Committee was established that includes representatives from each of the member jurisdictions that include staff from the cities, town, and county. During the 2019/20 FY, staff will continue working with the Transit Administrative Oversight Committee on planning and policy issues regarding Butte Regional Transit.

Since the 2012/13 FY, BCAG has assisted with the establishment of *HelpCentral.Org* to develop a centralized Human Services/Public Transportation website to improve Regional Mobility. During the 2018/19 FY, BCAG leased office space too *HelpCentral.Org* and continues to coordinate necessary activities with HelpCentral.Org to ensure correct transit information is provided to the public.

BCAG will continue to coordinate public transit planning in cooperation with the local jurisdictions, social service agencies, non-profit agencies, and the public. As part of the consolidation process, BCAG expanded the role of the Social Services Transportation Advisory Council (SSTAC) to include a broader role in transit planning activities. In addition to coordinating the annual unmet needs process, the SSTAC serves as a regional transit advisory committee to staff and the BCAG Board on transit issues.

PREVIOUS WORK: Coordinated Public Transit-Human Services Transportation Plan 2007/08; Short-Range Transit Plans 1998/99; Countywide Transit Consolidation Study Report 2000/2001; Startup of Butte Regional Transit July 2005; Triennial Performance Audits 2013 and 2016; Market Based Transit Study 2010/11.

TASKS:

- 1) Review, update and revise routes and schedules based upon AVL/GPS system data, driver and public input, coordinate implementation with contractor, BCAG Board and Public;
- 2) Monitor and evaluate Butte Regional Transit in consultation with Transit Administrative Oversight Committee - ongoing;
- 3) Hold public workshops as needed to educate riders on using the B-Line Fixed Route and Paratransit services – coordinate in low-income and senior communities as well as with traditionally under represented populations – ongoing;
- 4) Plan annual budget meeting for regional transit system - February 2019;
- 5) Monitor available funding sources for transportation issues – ongoing;
- 6) Oversee/Prepare appropriate FTA funding applications and program of projects – October 2018/May 2019;
- 7) Attend appropriate transportation related workshops and meetings – as needed;
- 8) Coordinate with Butte OEM, EOC Logistics, and CalOES on Butte County Emergency Management Plan;
- 9) Document all Tribal Government-to-Government relations and communications;
- 10) Review, update and revise the Coordinated Public Transit-Human Services Transportation Plan based on changes from FY2017/18. Coordinate implementation with local jurisdictions, social service agencies, non-profit agencies, BCAG Board and the public.

PRODUCTS

- 1) Coordination of transit policy in consultation with Transit Administrative Oversight Committee – ongoing;
- 2) Implement ongoing transit planning activities including public involvement process – ongoing;
- 3) Public outreach materials such as brochures, commercials and other advertisement related materials to promote and educate the public about the consolidated transit system – ongoing;
- 4) Coordinate with the Local and State Law Enforcement and Federal Agencies with Homeland Security training;

5) Document all Tribal government-to-government relations (ongoing).

WORK ELEMENT 20-301 FUNDING & STAFFING SUMMARY			
PERSONNEL		PERSON MONTHS	
SENIOR PLANNER TRANSIT		4	
ASSOCIATE SENIOR PLANNER TRANSIT		1	
TOTAL PERSON MONTHS		5	
REVENUES		EXPENDITURES	
FHWA PL	\$28,003	PERSONNEL	\$42,804
FTA 5303	\$42,005	INDIRECT EXPENSE	\$36,276
LTF MATCHING FUNDS	\$9,072		
TOTAL	\$79,080.00	TOTAL	\$79,080.00



WORK ELEMENT 20-302

Butte Regional Transit Administration & Operations

OBJECTIVE: To provide day-to-day administrative oversight; to serve as the policy making board; and to provide safe, efficient and cost-effective public transit services that increase mobility and improve the quality of life for Butte County residents.

DESCRIPTION: Starting with the 2005/06 FY, BCAG became the day-to-day administrative staff and policy making body for the regions public transit system – Butte Regional Transit, or “B-Line.”

Butte Regional Transit provides public transit service in and between the urban areas of the county in addition to rural areas of the county. Butte Regional Transit also provides paratransit service within each of the urban areas.

BCAG assumed the day-to-day planning responsibilities for the public transit system operated by the cities, town and county (Butte County Transit, Chico Area Transit, Chico Clipper, Oroville Area Transit, Oroville Express, and Paradise Express) in 2001/02. In December of 2004, BCAG’s Joint Powers Agreement was amended to include the policy making authority for the consolidated transit service. B-Line Service began July 5, 2005.

The purpose of this work element is to reflect BCAG staff time devoted to Butte Regional Transit Operations. The 2019/20 Butte Regional Service Plan & Budget is a separate document from this OWP.

TASKS: The tasks and staff time to be funded under the Butte Regional Transit budget are for staff activities that are operational in nature and as such cannot be funded by BCAG planning funds.

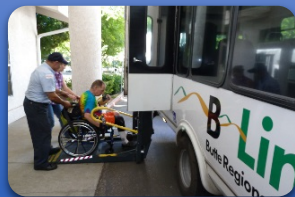
- 1) Supervise contractor on day-to-day administrative issues for B-Line service in compliance with BCAG/Contractor Agreement;
- 2) Work with cities, town and county on transit operational issues when needed;
- 3) Implement budget, invoicing and reporting requirements for transit operations;
- 4) Work with local DBE firms and non-profit agencies as needed;
- 5) Implement marketing programs for transit promotion;
- 6) Meet with Transit Administrative Oversight Committee annually or as policy items require;
- 7) Monitor contract and data requirements with Chico State University;

- 8) Meet with BCAG Board of Directors policy items require;
- 9) Coordinate with Butte EOC Logistics Team as required;
- 10) Monitor, plan and budget replacement of Transit (Fixed Route & Paratransit) Revenue Vehicles;
- 11) Coordinate with Local, State, and Federal agencies & stakeholders to promote transit system;
- 12) Customer service and ticket sales.

PRODUCTS

- 1) Administration of the B-Line public transit system.

WORK ELEMENT 20-302 FUNDING & STAFFING SUMMARY			
PERSONNEL		PERSON MONTHS	
EXECUTIVE DIRECTOR		4	
HUMAN RESOURCE MANAGER		1	
ADMINISTRATIVE ASSISTANT		4	
DEPUTY DIRECTOR		4.5	
SENIOR PLANNER TRANSIT OPERATIONS		6	
ASSOCIATE SENIOR PLANNER TRANSIT ADMINISTRATION		5	
TOTAL PERSON MONTHS		24.5	
REVENUES		EXPENDITURES	
LTF MATCHING FUNDS	\$24,251	PERSONNEL	\$238,840
BUTTE REGIONAL TRANSIT	\$417,000	INDIRECT EXPENSES	\$202,411
TOTAL	\$441,251.00	TOTAL	\$441,251.00



WORK ELEMENT 20-303

American with Disabilities Act (ADA) Certification Program

OBJECTIVE: Administration and implementation of the eligibility and certification process for individuals wishing to utilize B-Line ADA Paratransit or Dial-a-Ride services.

DESCRIPTION: The Americans with Disabilities Act (ADA) requires that B-Line provide complementary paratransit service to individuals that are unable to utilize the fixed route bus system. B-Line provides this service to disabled and senior citizens within a three-quarter mile boundary of the fixed route bus system in Chico, Oroville and Paradise. The Federal Transit Administration has outlined specific eligibility rules and requirements for this paratransit service.

BCAG has been administering an eligibility process in-house since the 2010/11 FY in order to meet these requirements. BCAG will continue to implement the program during the 2018/19 FY to ensure federal requirements are being met while also providing a high level of customer service.

TASKS:

- 1) Prepare and distribute ADA Paratransit applications as needed;
- 2) Evaluate incoming applications and make eligibility determinations;
- 3) Maintain electronic database of eligible riders that will coordinate with scheduling software of contractor;
- 4) Enforce Paratransit policies regarding suspensions and appeals;
- 5) Send correspondence to riders as necessary;
- 6) Review statutes, rules and regulations, and pending legislation pertinent to paratransit services – ongoing.

PRODUCT

- 1) Implementation and administration of the Butte Regional Transits ADA certification program.

WORK ELEMENT 20-303 FUNDING & STAFFING SUMMARY			
PERSONNEL		PERSON MONTHS	
ACCOUNTING CLERK		1.5	
HUMAN RESOURCE MANAGER		1	
ADMINISTRATIVE ASSISTANT		3	
TOTAL PERSON MONTHS		5.5	
REVENUES		EXPENDITURES	
LTF MATCHING FUNDS	\$2,257	PERSONNEL	\$26,662
BUTTE REGIONAL TRANSIT	\$47,000	INDIRECT EXPENSE	\$22,595
TOTAL	\$49,257.00	TOTAL	\$49,257.00



WORK ELEMENT 20-306

- Butte Regional Transit ADA Bus Stop Transition Plan

OBJECTIVE: To implement needed improvements at bus stops, shelters and transit facilities served by the Butte Regional Transit *B-Line* system to ensure compliance with Americans with Disabilities Act (ADA) specifications.

DESCRIPTION: In 2005, the B-Line was consolidated from multiple individual transit systems into a single, countywide, regional transit system. Due to this consolidation, the current system has multiple stop types (pole, shelter, bench and flag) with a variety of equipment being used throughout the fixed route system. Some existing stops and equipment may pre-date the implementation of the Americans with Disabilities Act (1990) construction specifications, creating challenges for full accessibility in some locations and areas.

During the 2012/13 FY BCAG contracted with Disability Access Consultants (DAC) to prepare a comprehensive inventory and assessment of all Butte Regional Transit facilities (*bus stops, flag pole stops, bus shelters and transit centers*) to determine compliance or non-compliance with the Americans with Disabilities Act (ADA). A comprehensive computer database was developed that includes an evaluation for each bus stop location based on a direct physical assessment of each stop (i.e. measurements, photos and hands-on maneuverability) forming the basis of the BRT ADA Bus Stop Compliance Plan.

In 2017, BCAG received a \$1,206,518 FTA Bus and Bus Facilities Grant to implement ADA improvements identified in the BRT ADA Bus Stop Compliance Plan.

During the 2019/20 FY, BCAG will finalize a priority list of projects based on the ADA Bus Stop Compliance Plan developed during the 2012/13 FY. BCAG will prepare and circulate an Request for Proposals (RFP) to secure a contract with a qualified contractor to begin construction of the improvements.

WORK COMPLETED:

- ADA Bus Stop Compliance Plan - 2015/16;
- Preparation and award of a FTA Bus and Bus Facilities Grant for \$1,206,518.

TASKS:

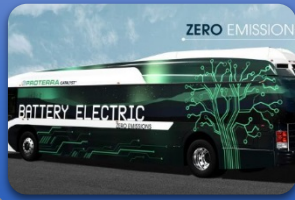
- 1) Develop a priority list of bus stop locations that need improvement to achieve compliance with the ADA within the budget of funds awarded under the FTA grant;
- 2) Prepare and circulate a Request for Proposals (RFP) to retain a qualified contractor to oversee and implement bus stop improvements;

- 3) Coordinate implementation of ADA bus stop improvements with cities and county where projects are identified;
- 4) Prepare all required FTA reporting documentation for the project grant award.

PRODUCTS:

- 1) Implementation of \$1,206,518 in ADA improvements at various locations as part of the Butte Regional Transit ADA Bus Stop Compliance Plan.

WORK ELEMENT 20-306 FUNDING & STAFFING SUMMARY			
PERSONNEL		PERSON MONTH	
DEPUTY DIRECTOR		1	
SENIOR PLANNER TRANSIT OPERATIONS		1	
ASSOCIATE SENIOR PLANNER TRANSIT ADMINISTRATION		2	
TOTAL PERSON MONTH		4	
REVENUES		EXPENDITURES	
LTF MATCHING FUNDS	\$6,864	PERSONNEL	\$36,192
FTA 5339 GRANT	\$60,000	INDIRECT EXPENSES	\$30,672
TOTAL	\$66,864.00	TOTAL	\$66,864.00



WORK ELEMENT 20-308

Butte Regional Transit Zero-Emission Electric Bus Fleet Rollout Plan

OBJECTIVE: To begin preparation of a *Zero-Emission Electric Bus Fleet Rollout Plan* for Butte Regional Transit System in compliance with the California Air Resources Board Clean Transit regulations adopted in December 2018.

DESCRIPTION: The Innovative Clean Transit regulation adopted by CARB in December 2018, is part of a statewide effort to reduce emissions from the transportation sector, which accounts for 40 percent of climate-changing gas emissions and 80-90 percent of smog-forming pollutants. The transition to zero-emission technologies, where feasible, is essential to meeting California's air quality and climate goals.

Implementation of the regulation adopted by CARB is expected to reduce greenhouse gas emissions by 19 million metric tons from 2020 to 2050 – the equivalent of taking 4 million cars off the road. The regulation will also reduce harmful tailpipe emissions (nitrogen oxides and particulate matter) by about 7,000 tons and 40 tons respectively during that same 30-year period.

The state's 200 public transit agencies play a major role in transitioning vehicle fleets away from fossil fuel-powered technologies to zero-emission alternatives. Eight of the 10 largest transit agencies in the state are already operating zero-emission buses, including battery electric and hydrogen fuel cell vehicles.

Transit agencies are well suited for introducing these technologies since most are located in counties with urban centers, where pollution and noise are of greater concern. Buses tend to drive in stop-and-go traffic where conventional internal combustion engines waste fuel while idling.

To successfully transition to an all zero-emission bus fleet by 2040, transit agencies need to submit a rollout plan under the regulation demonstrating how it plans to purchase clean buses, build out necessary infrastructure and train the required workforce. The rollout plans for large transit agencies are due in 2020, while smaller transit agencies like Butte Regional Transit will have until 2023 to submit our rollout plan.

During the 2019/20 FY, BCAG will begin preparation of the tasks that need to be done in order to implement zero emission electric buses and on-site/off-site charging infrastructure by 2023 or sooner. Staff will meet with zero emission electric bus manufacturers to determine a preferred bus platform and charging infrastructure so that specifications can be developed and identified in the Butte Regional Transit Zero Emission Electric Bus Fleet Rollout Plan. Staff will also begin development of a zero emission electric bus replacement schedule for future bus acquisition and replacement for the Butte Regional Transit bus fleet between 2023 and 2040.

WORK COMPLETED: Sustainable Communities Strategies (SCS), Regional Transportation Plan (RTP), and State of California Greenhouse Gas (GHG) Reduction Initiative; solar installation at the Butte Regional Transit Operations & Maintenance Facility.

TASKS:

- 1) Evaluate zero emission electric bus manufactures and charging system needs, develop scope of bus and charging specifications for future acquisition;
- 2) Begin Development of Butte Regional Transit Zero Emission Electric Bus Rollout Plan for CARB submittal;
- 3) Identify bus replacement schedule for transition to zero emission electric bus replacement for 2023 -2040;
- 4) Identify funding programs for acquisition of buses and charging infrastructure;
- 5) Attend ZEB workshops and site-visits;
- 6) Coordinate with partnering agencies on ZEB capital & operating needs;

PRODUCT:

- 1) Development of the Butte Regional Transit Zero-Emission Electric Bus Fleet Rollout Plan.

WORK ELEMENT 20-308 FUNDING & STAFFING SUMMARY			
PERSONNEL		PERSON MONTHS	
EXECUTIVE DIRECTOR		1	
ASSOCIATE SENIOR PLANNER TRANSIT ADMINISTRATION		1	
TOTAL PERSON MONTHS		2	
REVENUES		EXPENDITURES	
FHWA PL	\$38,352	PERSONNEL	\$23,449
LTF MATING FUNDS	\$4,969	INDIRECT EXPENSES	\$19,872
TOTAL	\$43,321.00	TOTAL	\$43,321.00



Chapter 4 - APPENDICES

Transportation Advisory Committee
Social Services Transportation Advisory Council
Transit Administrative Oversight Committee
2010 U.S. Census Chico Urbanized Area Map
MPO Planning Area Boundary Map
Certifications and Assurances
Public Participation Plan

TRANSPORTATION ADVISORY COMMITTEE

BUTTE COUNTY

Dennis Schmidt
Tom Fossum
Terry Edwards

BUTTE COUNTY PUBLIC HEALTH

Ann Dickman
Jodi Putnam

BUTTE COUNTY ASSOCIATION OF GOVERNMENTS

Ivan Garcia
Brian Lasagna
Sara Muse

BUTTE COUNTY AIR MANAGEMENT DISTRICT

Jason Mandly

CITY OF BIGGS

Mark Sorensen
Lee Rubio
Trin Campos

CITY OF CHICO

Brendan Ottoboni
Tracy Bettencourt
Lane Green
Noel Carvalho
Bikram Kahlon

CITY OF GRIDLEY

Paul Eckert
Trin Campos

CITY OF OROVILLE

Tom Lando
Mike Massaro

TOWN OF PARADISE

Lauren Gill
Marc Mattox

CALTRANS

Nima Kabirinassab
Susan Zanchi
Tou Vang

MECHOOPDA INDIAN TRIBE OF CHICO RANCHERIA

Sandra Knight
Gerard Ballard

MOORETOWN RANCHERIA OF MAIDU INDIANS

Warner Phillips

CALIFORNIA STATE UNIVERSITY, CHICO

Patti Horsley

SOCIAL SERVICES TRANSPORTATION ADVISORY COUNCIL

Cameron Wise - Work Training Center

Qualification: Representative of a local social service provider for the disabled

Jeannie Schroeder, Robert Garcia and Marta De Los Santos - Mains'l Services

Qualification: Representative of the local social service providers for seniors, the disabled and for persons of limited means

Pamela Teeter – Youth for Change

Qualification: Representative of a local social service provider for persons of limited means

Mary Neumann - Passages Adult Resource Center

Qualification: Representative of the local social service providers for seniors, the disabled and for persons of limited means

Jerry Fichter - Citizen

Qualification: Potential transit user who is 60 years of age or older

Shawn O'Brien and Cindy Jones - Butte County Public Works

Qualification: Representatives of the local consolidated transportation service agency

Michael Harding – We Care A Lot Foundation - FNRC

Qualification: Representative of a local social service provider for persons of limited means

Forest Harlan - Independent Living Services, Northern California

Qualification: Representative of the local social service providers for seniors, the disabled and for persons of limited means

William A. Moline - Butte County DESS - Calworks

Qualification: Representative of a local social service provider for persons of limited means

Debra Connors - Citizen - Chico

Qualification: Potential transit user who is disabled

TRANSIT ADMINISTRATIVE OVERSIGHT COMMITTEE

BUTTE COUNTY

Dennis Schmidt
Cindy Jones

BUTTE COUNTY ASSOCIATION OF GOVERNMENTS

Jon Clark
Julie Quinn
Sara Muse
Jim Peplow

CITY OF BIGGS

Mark Sorensen

CITY OF CHICO

Scott Dowell
Linda Herman
Kathryn Mathes

CITY OF GRIDLEY

Juan Solis

CITY OF OROVILLE

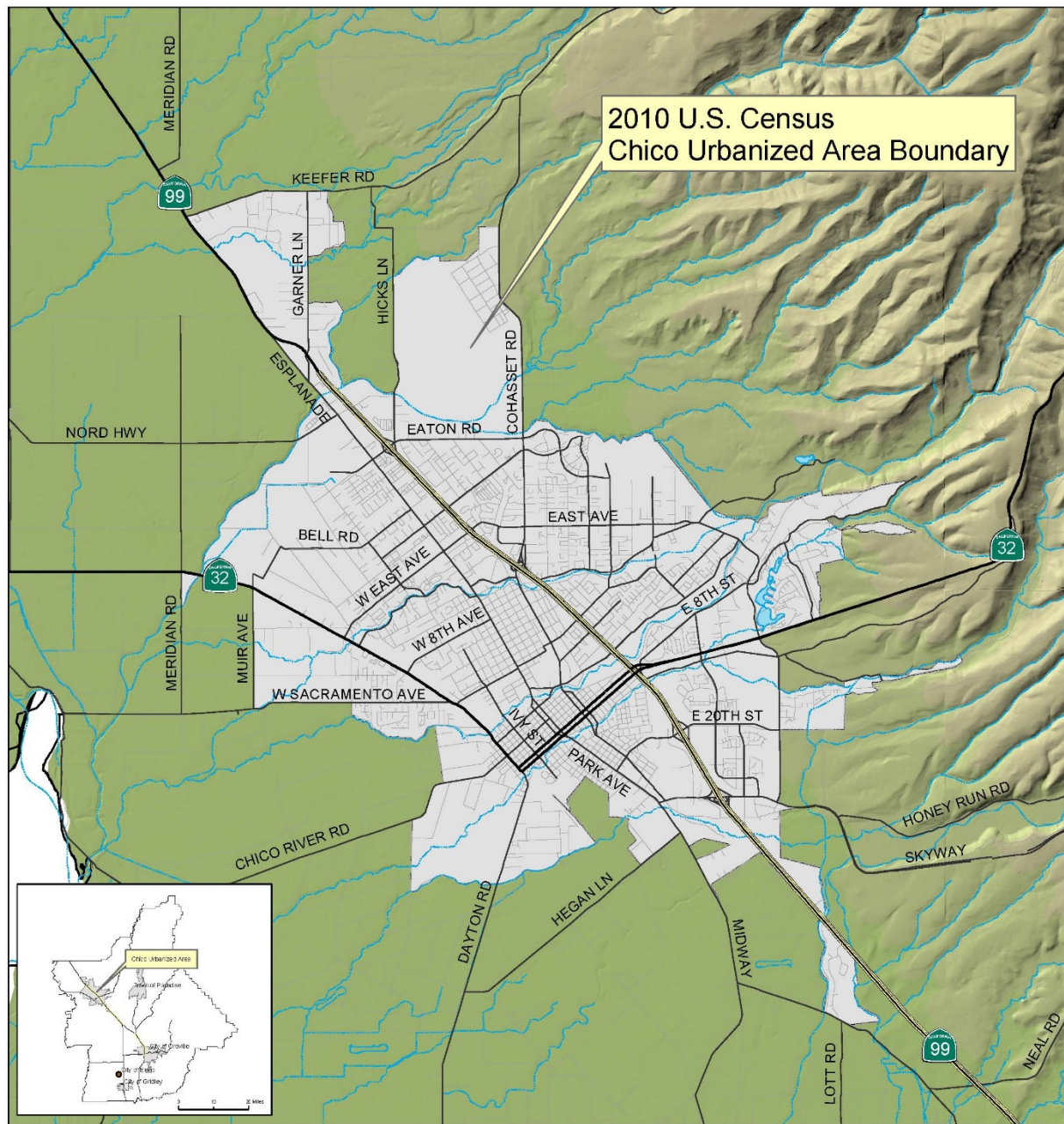
Ruth Wright
Don Rust

TOWN OF PARADISE

Gina Will
Marc Mattox

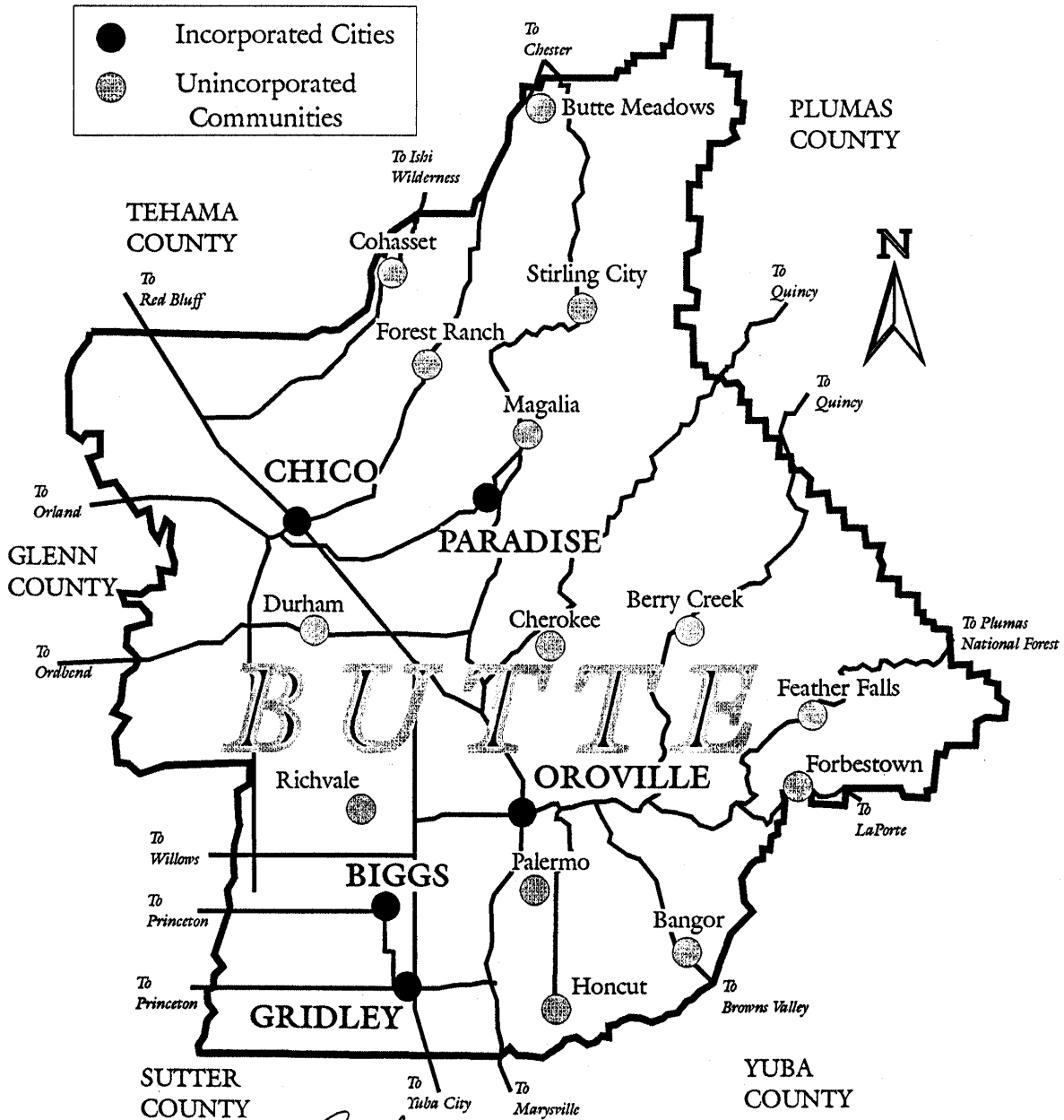
TRANSDEV


Lance Atencio

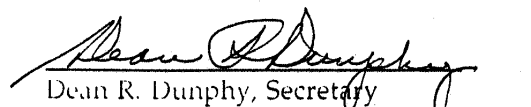


 <p>0 0.4 0.8 1.6 Miles</p> 	<p align="center">2010 U.S. Census Chico Urbanized Area</p> 	<p>Legend</p> <ul style="list-style-type: none">  Regional Roads  Roads  Hydrology  Chico Urbanized Area 2010  Lakes
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BUTTE COUNTY ASSOCIATION OF GOVERNMENTS MPO PLANNING AREA BOUNDARY




Jon A. Clark, Executive Director


Dean R. Dunphy, Secretary
Business, Transportation and Housing