

## Chapter Ten

# Transportation and Public Works

### **Section 1: General Principles:**

Transportation infrastructure and multi-modal transportation choices are essential for the current and future well-being of the State of California. A balanced transportation system utilizes all modes of travel in a complimentary manner to provide all users access and mobility options to safely move about their community. Counties also recognize that climate change and the release of GHGs into the atmosphere have the potential to dramatically impact our environment, land use decisions, transportation networks, and the economy. Due to the overarching nature of climate change issues, all sections in this chapter should be viewed in conjunction with Chapter Fourteen, which outlines CSAC's climate change policy.

- 1) Transportation infrastructure investments should balance the competing needs of all segments of society and the economy with maximum coordination between all levels of government and reasonable amounts of free choice for the consumer.
- 2) Transportation systems must be fully integrated with planned land use; support the lifestyles desired by the people of individual areas; and be compatible with the environment by considering greenhouse gas (GHG) emissions, air and noise pollution, aesthetics, ecological factors, cost benefit analyses, and energy consumption measures.
- 3) Transportation systems should be designed to serve the travel demands and desires of all the people of the state and support a robust economy, recognizing the principles of local control and the unique restraints of each area.
- 4) Local control recognizes that organizational and physical differences exist and that governments should have flexibility to cooperatively develop systems by which services are provided and problems resolved.

### **Section 2: Balanced Transportation Policy**

#### System Policy and Transportation Principles

It is of statewide interest to provide for a balanced, seamless, multi-modal transportation system on a planned and coordinated basis consistent with social, economic, political, and environmental goals within the state. The statewide network includes the local streets and roads, state highways, transit, bicycle and pedestrian facilities, rail, and ports. Rural and urban transportation needs must be balanced so as to build and operate a single transportation system. While urban transportation systems support significant daily vehicle miles traveled and the transportation of millions of people, the rural transportation network connects communities together and plays a critical role in the movement of goods for the entire state. The statewide transportation system should be an asset to present and future generations. It

must consider and protect the natural and built environment and support economic development of the state.

- 1) Transportation systems must be regularly and consistently maintained in order to preserve the existing public infrastructure (current revenues are not keeping pace with needs of the local road or state highway or transit systems), reduce the future costs to tax-payers, and to protect the environment. All users of the system have a responsibility to adequately invest in the transportation infrastructure that is so critical to every-day life.
- 2) Repairs to local access roads that are damaged in the course of emergency operations (for example, in fighting a fire or flood) should be eligible for reimbursement under the same programs as roads which are directly damaged by the event.
- 3) System process modifications are needed to expedite project delivery and minimize project cost.
- 4) Heavy vehicles impose exponentially greater wear and tear on roadways than lighter vehicles. Many locally-maintained roads may not have been designed to accommodate heavy vehicles. Proposed increases in weight limits to improve efficiency by reducing number of heavy vehicle trips required, or to meet other policy goals should be balanced against the costs of additional wear and tear on roads, bridges and highways.

#### Financing Policy and Revenue Principles

Transportation financing needs exceed existing and foreseeable revenues despite growing recognition of these needs at all levels of government. Further, traditional sources of revenue for transportation are declining as communities develop more sustainably and compactly in order to reduce vehicle miles traveled and GHG emissions to meet statewide climate change goals. Additional funding is required and should be supported and any new sources of funding should produce enough revenue to respond significantly to transportation needs.

- 1) As the owner and operator of a significant portion of the local system, counties support continued direct funding to local governments for preservation and safety needs of that system.
- 2) Counties support regional approaches for transportation investment purposes for capital expansion projects of regional significance and local expansion and rehabilitation projects through regional transportation planning agencies.
- 3) Single transportation funds—comprised of state and federal subventions—should be available at each of the local, regional and statewide levels for financing the development, operation, and/or maintenance of highways, public transit, airports or any other modal system as determined by each area in accordance with local, regional, and statewide needs and goals.
- 4) The cooperative mechanisms established by counties and cities to meet multi-jurisdictional needs should be responsible for the financing, construction, operation and maintenance of regional transportation systems utilizing—as appropriate—existing transportation agencies and districts.

- 5) Federal and state funds for safety and preservation purposes should be sent directly to applicable operational levels without involvement of any intermediate level of government. Pass-through and block grant funding concepts are highly desirable.
- 6) The cost of transportation facilities and services should be fairly shared by the users and also by indirect beneficiaries.
- 7) Transportation funding should be established so that annual revenues are predictable with reasonable certainty over several years to permit rational planning for wise expenditure of funds for each mode of transportation.
- 8) Financing should be based upon periodic deficiency reports by mode to permit adjustment of necessary funding levels. Additional elements such as constituent acceptance, federal legislative and/or administrative actions, programmatic flexibility, and cost benefit studies should be considered.
- 9) Efforts to obtain additional revenue should include an examination of administrative costs associated with project delivery and transportation programs.
- 10) Funding procedures should be specifically designed to reduce the cost of processing money and to expedite cash flow. Maximum use should be made of existing collection mechanisms when considering additional financing methods.
- 11) In the development of long-range financing plans and programs at all levels of government, there should be a realistic appreciation of limitations imposed by time, financing, availability, and the possibility of unforeseen changes in community interest.
- 12) Existing funding levels must be maintained with historical shares of current funding sources ensured for counties (e.g. state and federal gas tax increases, etc.).
- 13) Although significant transportation revenues are raised at the local level through the imposition of sales taxes, additional state and federal revenue sources are needed such as additional gas and sales taxes, congestion pricing, public-private partnerships, and user or transaction fees to provide a diverse financing strategy.
- 14) Additional revenue raising authority at the local and regional level is needed as well as other strategies as determined by individual jurisdictions and regions.
- 15) Transportation revenues must be utilized for transportation purposes only and purposes for which they are dedicated. They should not be diverted to external demands and needs not directly related to transportation activities.
- 16) Revenue needed for operational deficits of transit systems should be found in increased user fees, implementation of operating efficiencies and/or new sources, rather than existing sources depended upon by other modes of transportation.
- 17) Future revenues must be directed to meet mobility needs efficiently and cost effectively with emphasis on current modal use and transportation choices for the public.

### Government Relations Policy

The full partnership concept of intergovernmental relations is essential to achieve a balanced transportation system. Transportation decisions should be made comprehensively within the framework of clearly identified roles for each level of government without duplication of effort.

- 1) Counties and cities working through their regional or countywide transportation agencies, and in consultation with the State, should retain the ability to program and fund transportation projects that meet the needs of the region.
- 2) No county or city should be split by regional boundaries without the consent of that county or city.
- 3) Counties and cities in partnership with their regional and state government, should attempt to actively influence federal policies on transportation as part of the full partnership concept.

### Management Policy

Effective transportation requires the definite assignment of responsibility for providing essential services including fixed areas of responsibility based upon service output.

- 1) Greater attention should be devoted to delivery and maintenance of transportation infrastructure in a cost-effective manner with flexibility in delivery methods and project management.
- 2) Special transportation districts should be evaluated and justified in accordance with local conditions and public needs.
- 3) The State Department of Transportation should be responsible for planning, designing, constructing, operating, and maintaining a system of transportation corridors of statewide significance and interest. Detailed procedures should be determined in concert with regional and local government.
- 4) Restrictive, categorical grant programs at federal and state levels should be abandoned or minimized in favor of goal-oriented transportation programs which can be adjusted by effective management to best respond to the social and economic needs of individual communities.
- 5) Policies and procedures on the use of federal and state funds should be structured to minimize "red tape," recognize the professional capabilities of local agencies, provide post-audit procedures and permit the use of reasonable local standards.

## **Section 3: Specific Modal Transportation Policies**

### Aviation

- 1) Air transportation planning should be an integral part of overall planning effort and airports should be protected by adequate zoning and land use. Planning should also include consideration for helicopter and other short and vertical take-off aircraft.
- 2) State and federal airport planning participation should be limited to coordination of viable statewide and nationwide air transportation systems.
- 3) Local government should retain complete control of all airport facilities, including planning, construction, and operation.

### Streets and Highways

The local street and road system, over 81-percent of the total maintained miles in the state, continues to play an important role in the mobility of Californians and critical for a vibrant economy. Further, local roads serve as the right-of-way for active transportation and transit. In a coordinated statewide transportation system, highways will continue to carry a great percentage of the goods and people transported within the state. Non-motorized transportation facilities, such as pedestrian and bicycle facilities are also proper elements of a balanced transportation system.

- 1) Counties and cities must work cooperatively with regional agencies, the state, and the federal government to ensure the local system is maintained in a cost-effective and efficient condition and that is fully integrated into the statewide transportation network.
- 2) A program of highway maintenance and improvement of this modal system must be continued in coordination with the development of other modal components. Efforts to maximize utilization of transportation corridors for multi-purpose facilities should be supported.
- 3) Counties support efforts to design and build complete streets, ensuring that all roadway users – motorists, bicyclists, public transit vehicles and users, and pedestrians of all ages and abilities – have safe access to meet the range of mobility needs.
- 4) Given that funding for basic maintenance of the existing system is severely limited, however, complete streets improvements should be financed through a combination of sources best suited to the needs of the community and should not be mandated through the use of existing funding sources.

### Public Transit

- 1) Counties and cities should be responsible for local public transit systems utilizing existing transportation agencies and districts as appropriate.
- 2) Multi-jurisdictional public transit systems should be the responsibility of counties and cities acting through mechanisms, which they establish for regional decision-making, utilizing existing transportation agencies, and districts as appropriate.
- 3) The State should be responsible for transportation corridors of statewide significance, utilizing system concepts and procedures similar to those used for the state highway

system. Contracts may be engaged with existing transit districts and public transportation agencies to carry out and discharge these state responsibilities.

- 4) Consideration of public transit and intercity rail should be an integral part of a local agency's overall planning effort and should maximize utilization of land for multi-purpose transportation corridors.
- 5) Public transit planning should include a continuing effort of identifying social, economic, and environmental requirements.

### Rail

Railroads play a key role in a coordinated statewide transportation system. In many communities, they form a center for intermodal transportation.

Rail carries a significant portion of goods and people within and out of the state. The continued support of rail systems will help balance the state's commuter, recreational, and long distance transportation needs. Support for a high-speed rail system in California is necessary for ease of future travel and for environmental purposes.

- 1) Rail should be considered, as appropriate, in any local agency's overall planning effort when rail is present or could be developed as part of a community.
- 2) Research and development of innovative and safe uses of rail lines should be encouraged.

### **Section 4: Conclusion**

Since 1970, transportation demands and needs have out-paced investment in the system. An examination of transportation revenues and expenditures compared to population, travel and other spending in the state budget, adjusted for inflation, shows a long period of under-investment in transportation continuing through the 1990s and into the next decade.

Between 1994 (when the gas excise tax was increased) and today, California's population increased and travel in the state have increased, while revenues for maintenance and improvement of state highways and local roads have not kept pace.

Inflation has seriously eroded the buying power of gas tax dollars. While revenues from the gas tax increase in the 1990s roughly kept pace with miles traveled, with no increases since 1994, travel has now outpaced revenues, creating not only chronic congestion but also extreme wear and tear on the state highway and local road system. Further, the sufficiency of gas tax revenues to fund transportation has declined over time as cars have become more fuel efficient and as project costs have increased. The base gas tax was set at eighteen-cents per gallon in 1994. Adjusting for inflation shows that the base rate is only worth 10.5 cents today, while an additional adjustment to compensate for changes in fuel economy shows that it has lost half of its value since 1994.

The gas tax once funded most transportation programs in the state, including operations and construction. Now the per-gallon fuel tax collected at both the state and federal levels and the state weight fees does not even provide enough revenue to meet annual maintenance, operations, and rehabilitation needs for the state highway system (the State Highway Operation and Protection

Program or SHOPP). Counties and cities dependent upon a portion of the State's gas tax revenues are in the same situation in that revenues are short of meeting their preservation needs of the local system. Basic Maintenance programs for California's aging system now consume 100% of gas tax revenues in most local jurisdictions.

In 2010, the State enacted a historic transportation tax swap in which the excise tax on gasoline was increased by 17.3-cents and the sales tax on gasoline (Proposition 42) was eliminated. Counties, cities, and the State Transportation Improvement Program (STIP) will receive similar amounts from the increase in excise tax as would have been provided by the sales tax. However, the local and state systems are still woefully underfunded, especially in light of sustained reductions in fuel prices, which have reduced revenues from the price-based tax.

The 2016 California Statewide Local Streets and Roads Needs Assessment Report Update found that the statewide average local street and road Pavement Condition Index (PCI), which ranks roadway pavement conditions on a scale of zero (failed) to 100 (excellent), is 65, an "at risk" rating. The condition is projected to deteriorate to a PCI of 56 by 2026. In addition, the percentage of "failed" streets will grow from 6.9% to 22% of the network by 2026. Furthermore, the funding shortfall considering all existing revenues is \$73.6 billion over the next 10 years.

The bottom line is that the current revenue system is not providing the funding necessary to maintain existing transportation systems, much less to finance operation, safety, and expansion needs.

The citizens of California have invested significant resources in their transportation system. This \$3 trillion investment is the cornerstone of the state's commerce and economic competitiveness. Virtually all vehicle, pedestrian, and bicycle trips originate and terminate on local streets and roads. Emergency response vehicles extensively use local roads to deliver public service. Public safety and mobility rely on a well-maintained transportation infrastructure. Transportation funding is important to the economy and the economic recovery of the state. Increased investment in the transportation network is essential to stimulate the economy, to improve economic competitiveness and to safeguard against loss of the public's existing \$3 trillion investment in our transportation system.

(The source of information for the statistics provided is from the Transportation California website and includes reports from the: California Transportation Commission (CTC), Legislative Analyst Office (LAO), United States Department of Transportation (USDOT), Federal Highway Administration (FHWA), and the Local Streets and Roads Needs Assessment).