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MEETING NOTICE AND AGENDA

JOINT MEETING OF THE CITIES/COUNTY TRANSPORTATION ADVISORY COMMITTEE (CTAC) AND THE REGIONAL PLANNING TECHNICAL WORKING GROUP (TWG)

The CTAC and TWG may take action on any item appearing on this agenda.

MEMBER AGENCIES

Cities of
 Carlsbad
 Chula Vista
 Coronado
 Del Mar
 El Cajon
 Encinitas
 Escondido
 Imperial Beach
 La Mesa
 Lemon Grove
 National City
 Oceanside
 Poway
 San Diego
 San Marcos
 Santee
 Solana Beach
 Vista
 and
 County of San Diego

Thursday, May 5, 2016

9:30 to 11 a.m.

SANDAG, Seventh Floor Board Room
 401 B Street, Suite 800
 San Diego, CA 92101-4231

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TWG

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AGENDA HIGHLIGHTS

• JOINT WORKSHOP: FOCUS ON COMPLETE STREETS

California's Complete Streets Act of 2008 (AB 1358) defines Complete Streets as "a balanced, multimodal transportation network that meets the needs of all users of streets, roads, and highways (including bicyclists, children, persons with disabilities, motorists, movers of commercial goods, pedestrians, public transportation, and seniors) for safe and convenient travel in a manner that is suitable to the rural, suburban, or urban context." A key goal of the workshop is to focus on how complete streets can be further incorporated into the local and regional planning framework in the earliest phases of transportation projects, resulting in broader implementation throughout the region.

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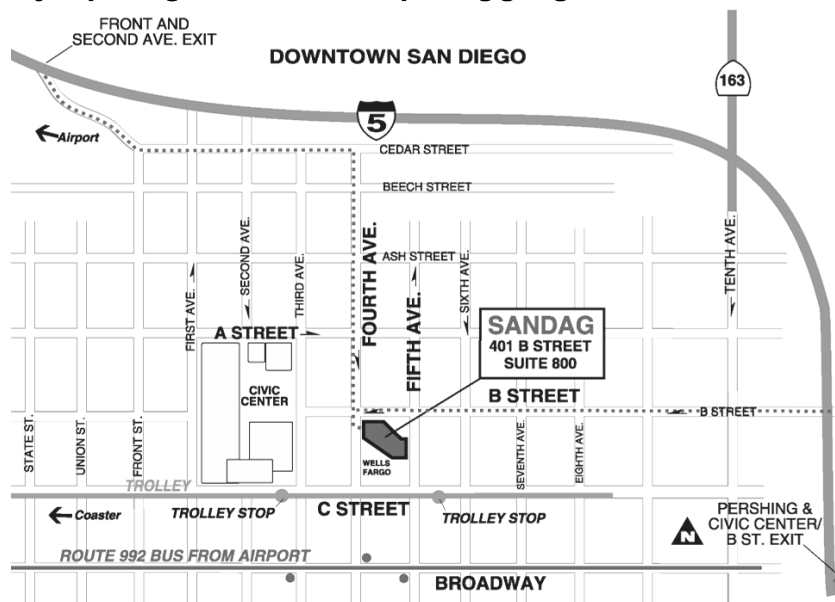
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JOINT WORKSHOP OF THE CITIES/COUNTY TRANSPORTATION ADVISORY COMMITTEE AND THE REGIONAL PLANNING TECHNICAL WORKING GROUP

Thursday, May 5, 2016

ITEM NO.		RECOMMENDATION
1.	<p>WELCOME AND INTRODUCTIONS (9:30 – 9:35)</p> <p>The Cities/County Transportation Advisory Committee (CTAC) and the Regional Planning Technical Working Group (TWG) members should conduct self-introductions.</p>	
2.	<p>PUBLIC COMMENTS AND COMMUNICATIONS (9:35 – 9:40)</p> <p>Members of the public shall have the opportunity to address CTAC and TWG on any issue within the jurisdiction of SANDAG that is not on this agenda. Anyone desiring to speak shall reserve time by completing a “Request to Speak” form and giving it to the staff coordinators prior to speaking. Public speakers should notify the coordinators if they have a handout for distribution to working group members. Public speakers are limited to three minutes (or less) per person.</p>	
+3.	<p>SMART GROWTH CONCEPT MAP TECHNICAL UPDATE (Carolina Ilic) (9:40 – 9:45)</p> <p>A technical update to the Smart Growth Concept Map has been completed to incorporate the transportation network from San Diego Forward: The Regional Plan. A resource binder will be distributed at the workshop to the primary CTAC and TWG member from each jurisdiction. The maps and site descriptions are available at sandag.org/SmartGrowth.</p>	INFORMATION
WORKSHOP		
+4.	<p>SPECIAL FOCUS ON COMPLETE STREETS (9:45 – 11:00)</p> <p>A. Regional Context (Charles “Muggs” Stoll) (5 minutes)</p> <p>San Diego Forward: The Regional Plan, adopted in October 2015, incorporates the Regional Complete Streets Policy, as well as a number of other SANDAG strategies and programs that focus on sustainability. These include the Smart Growth Concept Map, the Smart Growth Incentive Program, the Active Transportation Grant Program, the Regional Transit Oriented Development Strategy, the Regional Bike Plan, the Safe Routes to School Strategic Plan, the Safe Routes to Transit Plan, and the Regional Mobility Hub Implementation Strategy. Staff will discuss how these efforts serve as the interconnected building blocks for implementing the regional vision and providing more transportation choices.</p>	INFORMATION/ DISCUSSION

**+B. State Laws, Regional Policies, and the Local Sample Checklist
(Carolina Ilic and Stephan Vance) (10 minutes)**

The State of California has enacted a number of policies that guide growth and development based upon smart growth and sustainability principles. These include the Sustainable Communities and Climate Protection Act of 2008 (SB 375), California's Complete Streets Act of 2008 (AB 1358), and more recently, Senate Bill 743 (Steinberg, 2013). Together, these and other bills work in tandem to reduce greenhouse gas emissions, meet the state's climate action goals, and streamline the California Environmental Quality Act (CEQA).

Within this context, staff will provide an overview of SANDAG's Regional Complete Streets Policy, with a focus on the local sample checklist that the TWG, CTAC, and transit operators have been refining over the past several months. A status report to the Regional Planning Committee is attached. Tools and resources are available on the SANDAG website at sandag.org/CompleteStreets.

**C. Best Practices: Featuring Local Jurisdiction Efforts to Implement Complete Streets in the San Diego Region
(David DiPierro, City of Oceanside; Nancy Graham and Tanner French, City of San Diego; and Ed Batchelder and Frank Rivera, City of Chula Vista) (25 minutes)**

Communities have different needs and characteristics. Under the complete streets "network" approach, some street segments would be prioritized for walking, others for transit, and others for bicycling. Some streets would have extensive facilities for all modes; many would not, but all would still allow for safe travel. Three local jurisdictions will highlight local complete streets projects and best practices happening in their localities, including the Coast Highway Road Diet in Oceanside, the recently completed Palm Avenue Revitalization Plan in the City of San Diego, prepared with Caltrans Environmental Justice grant funding, and complete streets-related projects in Chula Vista. (8 minutes each)

D. Break-Out Discussions and Reporting Back (Workshop Participants) (30 minutes)

Workshop attendees will break out into three groups to discuss the key barriers and potential solutions to implementing complete streets, and potential mechanisms to ensure that complete streets policies are considered as early as possible in the development of transportation projects. Break-out discussions will focus on topics related to transit operations and amenities; bike and pedestrian facilities; and green infrastructure, including stormwater, street trees, and maintenance. (15 minutes)

A leader selected by each group will report results back to the larger group. Leaders should limit their reporting time to five minutes each. (15 minutes)

+E. Next Steps (Carolina Ilic) (5 minutes)

The workshop will conclude with a summary of anticipated next steps, including additional training opportunities. An upcoming workshop of interest may be the joint lunch focused on complete streets and SB 743 organized by the American Planning Association, the Institute of Transportation Engineers, the Women's Transportation System, and the Association of Environmental Professionals scheduled on Thursday, May 12, 2016. See attached flier for details.

5. ADJOURNMENT AND NEXT MEETINGS (11 a.m.)

INFORMATION

The next CTAC meeting will be held on Thursday, June 2, 2016. The next TWG meeting will be held on Thursday, June 9, 2016.

+ next to an agenda item indicates an attachment

San Diego Association of Governments
JOINT WORKSHOP OF THE REGIONAL PLANNING
TECHNICAL WORKING GROUP AND CITIES/COUNTY
TRANSPORTATION ADVISORY COMMITTEE

May 5, 2016

AGENDA ITEM NO.: **3**

Action Requested: INFORMATION

SMART GROWTH CONCEPT MAP TECHNICAL UPDATE

File Number 3100400

Introduction

A technical update of the Smart Growth Concept Map has been completed to incorporate the transportation network included in San Diego Forward: The Regional Plan. The Smart Growth Concept Map consists of two components:

1. The Regional Scale Map and more detailed Subregional Maps for North County; North City and North County; Mid-City and East County; Downtown-Central; and South County; and
2. The corresponding Site Descriptions.

The maps and site descriptions are available on the SANDAG web site at sandag.org/SmartGrowth.

Following the 2004 adoption of the Regional Comprehensive Plan, which called for improved coordination between land use and transportation, SANDAG worked with all 19 local jurisdictions to prepare a Smart Growth Concept Map to illustrate the location of existing, planned, and potential Smart Growth Opportunity Areas (SGOAs) to prioritize public transit investments and for determining eligibility to compete for funding from the *TransNet* Smart Growth Incentive Program (SGIP). Revisions of the map are periodically necessary to account for updates of local general and community plans and changes to the regional transportation network. Prior to this update, the previous update was conducted in October 2014 to incorporate the Series 13 Regional Growth Forecast and for use in the third cycle of the SGIP.

Discussion

The updated 2016 map reflects the revised transportation network included in San Diego Forward: The Regional Plan, including specific transit route numbers and expected phasing years. Because the Series 13 Regional Growth Forecast continues to serve as the latest forecast, no changes to the land use inputs were made as part of this update. This update also includes one new subregional map, for the Downtown-Central subregion, to show this geographic area in greater detail given the number of SGOAs and transit services in this area.

The updated map contains 211 Smart Growth Opportunity Areas identified by planning staff from each of the 18 cities and the County. Based on the updated transportation network, there are 135 Existing/Planned and 76 Potential SGOAs. Below is a list of all SGOAs whose "Place Type" classification changed, either from "Potential" to "Existing/Planned" or from "Existing/Planned" to "Potential" as part of the update:

- La Mesa: LM-9: Potential to Existing/Planned
- San Diego: Mira Mesa: SD-MM-7: Existing/Planned to Potential
- San Diego: Mira Mesa: SD-MM-8: Existing/Planned to Potential
- San Diego: Pacific Highlands Ranch: SD-PHR-1: Potential to Existing/Planned

During the month of April, TWG members were asked to review updates to the Smart Growth Concept Map and Site Descriptions in their jurisdictions.

Next Steps

A resource binder with the final maps and site descriptions will be provided to each jurisdiction at the joint TWG/CTAC workshop. The maps will be updated again with the Series 14 Regional Growth Forecast information before the next SGIP call for projects. The next SGIP call for projects is anticipated in late 2017 or early 2018.

Key Staff Contact: Carolina Ilic, (619) 699-1989, carolina.ilic@sandag.org



AGENDA ITEM NO. 16-05-6

**REGIONAL PLANNING COMMITTEE
MAY 6, 2016**

ACTION REQUESTED – INFORMATION

REGIONAL COMPLETE STREETS POLICY IMPLEMENTATION: STATUS REPORT File Number 3100400

Introduction

In December 2014, the SANDAG Board of Directors adopted a Regional Complete Streets Policy¹ (Policy). The Policy was incorporated into San Diego Forward: The Regional Plan upon the plan’s adoption in October 2015.

The Policy (Attachment 1) recognizes that SANDAG’s planning framework is based on smart growth and sustainability. Under this framework, much of the region’s future development will occur within the existing urbanized area and in compact, mixed-use neighborhoods that provide a variety of housing and transportation choices, and help create healthier communities. Complete Streets is an important planning concept within this framework, because it provides a process to ensure the transportation system is safe, useful, and attractive for all users of the transportation network – motorists, pedestrians, bicyclists, transit users, and the movement of freight alike.

The Policy includes seven components, including a policy statement, a description of the applicability of the principles, a section on context sensitivity, emphasis on a well-connected transportation network, a list of situations where exceptions to implementation of the policy might be appropriate, a commitment to measuring performance, and a list of actions to be undertaken in collaboration with member agencies and other affected agencies. This report describes the progress made toward implementing the actions included in the Policy.

Discussion

The following matrix lists each action and summarizes the status of implementation efforts.

Actions	Implementation Status
1. Regional Project Development Checklist: All projects developed by SANDAG are opportunities to improve access and mobility for all modes. Toward that end, SANDAG will create a project development checklist to ensure all projects implemented by SANDAG consider local mobility	This action has been completed. A “Regional Complete Streets Project Development Checklist” has been developed. This checklist, included as Attachment 2, is intended for use by SANDAG staff to coordinate across various departments on addressing complete streets elements when designing regional

¹ The Regional Complete Streets Policy was one of the five commitments made by the SANDAG Board of Directors from the 2050 Regional Transportation Plan and its Sustainable Communities Strategy.

Actions	Implementation Status
<p>modes and the movement of goods to the extent appropriate. Use of the checklist will include coordination between departments and consultation with staff for all modes through participation on the project development team.</p>	<p>involved examining complete streets checklists from around the country. The checklist has three sections, including Existing Conditions, Planning Context, and Project Proposal that SANDAG project managers are required to complete at the start of the project in the scoping document/feasibility study. The checklist requires review and approval from the SANDAG Department Director.</p>
<p>2. Regional and Local Coordination and Cost-Sharing Protocol: Develop a process for coordinating the development of regional projects with local agency Complete Streets initiatives and include in that process a protocol for evaluating cost sharing opportunities.</p>	<p>This action is underway and is expected to be completed in Fall/Winter 2016/2017. SANDAG staff has been working with the region’s planning and community development directors and public works directors (through the Regional Planning Technical Working Group [TWG] and the Cities/County Transportation Advisory Committee [CTAC]) on enhancing knowledge and awareness of the Complete Streets Policy and exploring mechanisms to further the implementation of complete streets at the regional and local levels. SANDAG has established a Complete Streets web page at sandag.org/CompleteStreets, discussed complete streets at recent TWG and CTAC meetings, and most recently, held a joint TWG/CTAC workshop focused on highlighting best practices, and identifying barriers and solutions regarding complete streets implementation. With this foundational work in place, next steps include developing a protocol for evaluating cost sharing opportunities.</p>
<p>3. Local Project Development Checklist Template: Develop a project development checklist template that local agencies can use to ensure local projects result in Complete Streets.</p>	<p>This action has been completed. A document entitled, “Local Complete Streets Sample Checklist: A Tool for Local Agencies” has been developed and posted to the SANDAG complete streets web page. The local sample checklist, included as Attachment 3, can be adapted to meet local planning goals and used on a voluntary basis for local jurisdictions and others to consider complete streets in the development of local transportation projects. Use of the sample checklist is optional, can be adapted to meet specific local agency goals, and is not a requirement for receiving transportation funds administered by SANDAG.</p>

Actions	Implementation Status
<p>4. Regional Database and Mapping Tool: Collaborate with local jurisdictions, Caltrans, and transit operators to develop a regional database and mapping tool to facilitate coordinated development of local and regional Complete Streets plans.</p>	<p>This action will be started Fall/Winter 2016/2017. Staff will begin working with local jurisdictions, Caltrans, and transit operators to develop a scope for this effort.</p>
<p>5. Trainings, Workshops, and Educational Events: Provide opportunities for SANDAG staff, and staff from member agencies, Caltrans, and transit operators to participate in trainings, workshops, and other educational events related to Complete Streets procedures and practices including, but not limited to, transportation safety, multimodal network planning, context-sensitive design, connecting transportation and land use decisions, and evaluating projects and the impact of transportation investments. This will be an ongoing activity to ensure practitioners are well informed about state-of-the-art practices.</p>	<p>This action has begun, and will be an ongoing activity. SANDAG staff has created a Complete Streets webpage at sandag.org/CompleteStreets, which contains the Policy, the regional checklist, the local sample checklist, upcoming training workshops, and other resources, including guidance on best practices and innovation in street design. SANDAG also hosts monthly webinars provided by the Association of Pedestrian and Bicycle Professionals, and notifies local agencies through the Active Transportation Working Group. In addition, internal interdepartmental training workshops will be held on an ongoing basis to support enhanced understanding of the policy and sustain continued commitment to implementation.</p>
<p>6. Tools and Reference Materials: Develop tools and reference materials as needed, such as guidance on best practices and innovation in street design, parking management strategies, storm water best practices, incorporating bicycle and pedestrian access to transit stops and stations, traffic impact studies, and public engagement tools. SANDAG will make these tools available to other entities on its website.</p>	<p>This action has begun, and will be an ongoing activity. In conjunction with CTAC, TWG, and the transit operators, SANDAG continues to identify best practices and innovative resources, which have been added to the webpage. As more resources are identified, they will be posted to the webpage. Local jurisdictions in the region are pursuing innovative approaches to implement complete streets. SANDAG will continue to highlight these local efforts as examples of best practices that can help inform other local efforts.</p>

Actions	Implementation Status
<p>7. Related Initiatives: Continue work on related initiatives that support multimodal connections, including the Safe Routes to School (SR2S) and Safe Routes to Transit programs.</p>	<p>This action has begun, and will be an ongoing activity. SANDAG staff continues work on related initiatives that support multimodal connections. A SR2S strategic plan and corresponding implementation plan have been developed, and representation from the SR2S Coalition currently exists on the SANDAG Active Transportation Working Group. Safe Routes to Transit programs also have moved forward with the completion of Safe Routes to Transit typology prototypes for San Diego Forward: The Regional Plan. In addition, the Regional Plan incorporates a number of other SANDAG strategies and programs that focus on sustainability, including the Smart Growth Concept Map, the Smart Growth Incentive Program, the Active Transportation Grant Program, the Regional Transit Oriented Development Strategy, the Regional Bike Plan, and the Regional Mobility Hub Implementation Strategy. Implementation of the Regional Bike Plan is underway through the Regional Bike Early Action Program. These efforts serve as the interconnected building blocks for implementing the regional vision and providing more transportation choices.</p>
<p>8. Monitoring: Develop a benchmarking process for SANDAG project managers to use as a tool for monitoring implementation of this policy.</p>	<p>This action will be started Fall/Winter 2016/2017. SANDAG will evaluate the outcomes of the Complete Streets Policy in concert with regional performance measures, such as those developed for the Regional Plan and future long-range transportation plans. According to the Policy, a biennial review of objective measures will be presented to the Transportation Committee for the Committee to use in evaluating the effectiveness of the Policy. The performance measures are outlined in the Policy.</p>
<p>9. Report to Board of Directors: Provide a report to the Board of Directors on the implementation of this policy within one year of its adoption.</p>	<p>This action has begun, and will be an ongoing activity. A report is scheduled to be presented to the SANDAG Board at its June meeting, and thereafter as needed.</p>

Next Steps

SANDAG will continue to work with member agencies, the transit operators, and Caltrans to implement the Policy. Work this year will focus on identifying additional training opportunities for SANDAG and member agency staff, developing a protocol for evaluating cost sharing of regional projects with local agency Complete Streets efforts, developing a scope for a regional database and mapping tool to facilitate coordinated development of local and regional Complete Streets plans, and monitoring and reporting implementation of this Policy.

CHARLES "MUGGS" STOLL

Director, Land Use and Transportation Planning

Attachments: 1. Regional Complete Streets Policy
 2. Regional Complete Streets Project Development Checklist
 3. Local Complete Streets Sample Checklist: A Tool for Local Agencies

Key Staff Contacts: Carolina Ilic, (619) 699-1989, carolina.ilic@sandag.org
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REGIONAL COMPLETE STREETS POLICY

Purpose

The San Diego Association of Governments (SANDAG) guides regional planning via a policy framework based on smart growth and sustainability. Under this framework, much of the region's future development will occur within the existing urbanized area and in compact, mixed-use neighborhoods that provide a variety of housing and transportation choices, and help create healthier communities. Complete Streets is an important planning concept in this policy framework because it is a process for ensuring the transportation system is safe, useful, and attractive for all users of the transportation network – motorists, pedestrians, bicyclists, transit users, and the movement of freight alike. Complete Streets provides valuable flexibility in street design so that the transportation system is appropriate for the current and planned built environment context.

1. Policy Statement

SANDAG seeks to fulfill the regional goal of a safe, balanced, multimodal transportation system that supports compact and sustainable development by adopting a Complete Streets approach in its project development and implementation processes, and by assisting and encouraging local jurisdictions to follow Complete Streets policies and practices. In this way, everyone will be able to safely travel along and across streets and railways to reach destinations within the region, regardless of age, ability, or mode of travel.

2. Applicability

Applicable principles in this Complete Streets Policy should be incorporated into the development of all SANDAG transportation infrastructure projects¹ across the region at all phases of development, including planning and land use decisions, scoping, design, implementation, and performance monitoring. SANDAG will incorporate Complete Streets principles into the development process for all projects in its Capital Improvement Program as appropriate for the project type.

In addition, SANDAG supports and encourages Complete Streets implementation by other entities throughout the region. Local jurisdictions, as required by the California Complete Streets Act of 2008, will incorporate Complete Streets into their general plans as they revise their circulation elements. SANDAG encourages local agencies to implement Complete Streets principles if a circulation element revision is not planned in the near future. Adopting a Complete Streets approach provides an opportunity to establish more detailed direction on Complete Streets implementation than would be provided in the context of a general plan. SANDAG also encourages and supports Complete Streets methodologies in the design and construction of all projects in the region developed by the California Department of Transportation (Caltrans) as appropriate, consistent with Deputy Directive 64-R1, and in the maintenance and operation of all state highway and public transit facilities.

¹ The policy will apply to all new projects and projects still in the planning phase at the time the policy is adopted.

Section 4(E)(3) of the *TransNet* Extension Ordinance requires all projects constructed under the Ordinance to routinely accommodate pedestrian and bicyclists. Rule No. 21 of SANDAG Board Policy No. 031 provides guidance for the implementation of that requirement. SANDAG will periodically evaluate the effectiveness of Rule No. 21 to ensure compliance with this provision and to ensure that the rule reflects current best practices in Complete Streets implementation.

3. Design Practices and Context Sensitivity

While every street should be planned, designed, built, operated, and maintained for all foreseeable users, there is no singular design standard for Complete Streets and few streets will have separate accommodations for every mode. Projects should be planned and designed to consider current and planned adjacent land uses and local transportation needs, and to incorporate the latest and best practice design guidance. Each project must be considered both separately and as part of a connected network to determine the level and type of treatment necessary for all foreseeable users.

In order to provide context sensitive solutions that respond to public input, and the need to serve a variety of users, a flexible, balanced approach to project design that utilizes innovative design solutions may be considered provided that an adequate level of safety for all users is ensured. SANDAG will compile a library of best practice design guidance to facilitate this and make it available on its website.

SANDAG encourages local governments and Caltrans to coordinate Complete Streets implementation with broader livable communities planning and integration of land use with transportation. SANDAG will coordinate educational opportunities for jurisdictional technical staff on current design standards and will encourage and support the use of modern best practices in Complete Streets design.

4. Regional Network Principles

A well-connected network provides safe and convenient transitions from one mode of transportation to another, from one jurisdiction to another and from one type of infrastructure to another. A well-connected network also provides more route choices that can disperse traffic across the network, provides alternatives when priority is given to a particular mode along one route, and that provides route alternatives when a link in the network is obstructed. SANDAG will endeavor to provide a continuous, uninterrupted network accessible to all users and modes. A well-connected network considers connectivity throughout the lifespan of a transportation project and takes into account the needs of both current and projected users.

5. Exceptions

All transportation projects constructed or reconstructed should be planned, designed, and constructed for all foreseeable users. For some projects, however, an exception to this standard may be warranted. For projects developed by SANDAG, project managers may propose an exception with supporting data to indicate the basis for the request. The request for an exception will be reviewed by the project manager's department director before inclusion and/or the next update of the project in the Regional Transportation Improvement Program (RTIP).

Exceptions may be appropriate in the following cases:

- 5.1 Where specific modes of travel are prohibited by law. In such cases, efforts should be made to accommodate travel by prohibited modes elsewhere, as appropriate for each mode, to ensure network connectivity. Where a proposed project for a limited access facility would cross a major barrier (such as a river, railroad, or highway), consideration should be given to the opportunity to include access across the barrier for otherwise limited modes.
- 5.2 Where the cost of providing facilities for all travelers, especially pedestrians and bicyclists, would be excessively disproportionate to the need or likely use. Federal guidance defines this as exceeding 20 percent of the total project costs; however, this exception also should be context-sensitive. Where demand is high or a barrier is significant, a cost in excess of 20 percent may be warranted, but where demand is low, 20 percent may not. This exception must consider probable use through the life of the project, a minimum of 20 years.
- 5.3 Where approved or adopted plans or policies (such as local land use, zoning, or mobility planning) or present and anticipated market conditions indicate an absence of need for both current and future conditions of the anticipated project's life (a minimum of 20 years for roadways and 50 years for bridges).
- 5.4 Where unmitigable detrimental environmental impacts outweigh the need for full accommodation of all travel modes. In making this determination, the needs of all modes will be considered, with priorities determined based on the project context.

Exceptions that are recommended for approval will be reported to the Transportation Committee through the RTIP process where a member of the public may present opposition to that recommendation during public comment or in writing in advance of the meeting at which the exception recommendation is included. Exceptions should not be common.

All state, regional, and local agency projects included in the SANDAG programming document (known as the Regional Transportation Improvement Program) should be subject to applicable Complete Streets principles. SANDAG encourages each entity submitting projects to the RTIP to implement a process that allows for public participation and comment on whether those projects follow Complete Streets principles.

6. Performance Measures

SANDAG will evaluate the outcomes of this Complete Streets Policy in concert with regional performance measures, such as those developed for *the Regional Comprehensive Plan* and future long-range transportation plans. The policy will be subject to a biennial review of objective measures presented to the Transportation Committee for the committee to use in evaluating the effectiveness of the policy. These measures and their objectives include:

- 6.1 An increase in the number of projects that include multimodal connections to destinations by providing bicycle and pedestrian facilities, crossing improvements, traffic calming measures, wayfinding signs or other measures.

- 6.2 An increase in the miles of new and upgraded bikeways and walkways in the region, and other improvements that improve access for biking, walking, and transit or improve monitoring of those modes.
- 6.3 An increase in member jurisdictions that have adopted this Complete Streets Policy, or their own separate policies, incorporating Complete Streets principles or that have revised the circulation element of their general plans in compliance with the California Complete Streets Act.
- 6.4 The number of staff members from SANDAG and local jurisdictions and other transportation agencies participating in training and events that reflect best practices in Complete Streets planning and design.
- 6.5 Progress in accomplishing activities identified in the “Implementation” section below.

7. Implementation

In addition to the measures described above in this policy, SANDAG will take the following actions in collaboration with member agencies and other affected agencies:

- 7.1 All projects developed by SANDAG are opportunities to improve access and mobility for all modes. Toward that end, SANDAG will create a project development checklist to ensure all projects implemented by SANDAG consider local mobility plans and accommodate the needs of all travel modes and the movement of goods to the extent appropriate. Use of the checklist will include coordination between departments and consultation with staff for all modes through participation on the project development team. (Estimated time to complete: nine months from adoption of the policy.)
- 7.2 Develop a process for coordinating the development of regional projects with local agency Complete Streets initiatives and include in that process a protocol for evaluating cost sharing opportunities. (Estimated time to complete: one year.)
- 7.3 Develop a project development checklist template that local agencies can use to ensure local projects result in Complete Streets. (Estimated time to complete: nine months.)
- 7.4 Collaborate with local jurisdiction, Caltrans, and transit operators to develop a regional database and mapping tool to facilitate coordinated development of local and regional Complete Streets plans. (Estimated time to complete: one year.)
- 7.5 Provide opportunities for SANDAG staff, and staff from member agencies, Caltrans, and transit operators to participate in trainings, workshops, and other educational events related to Complete Streets procedures and practices including, but not limited to, transportation safety, multimodal network planning, context-sensitive design, connecting transportation and land use decisions, and evaluating projects and the impact of transportation investments. This will be an ongoing activity to ensure practitioners are well informed about state-of-the-art practices.

- 7.6 Develop tools and reference materials as needed, such as guidance on best practices and innovation in street design, parking management strategies, storm water best practices, incorporating bicycle and pedestrian access to transit stops and stations, traffic impact studies, and public engagement tools. SANDAG will make these tools available to other entities on its website.
- 7.7 Continue work on related initiatives that support multimodal connections, including the Safe Routes to School and Safe Routes to Transit programs.
- 7.8 Develop a benchmarking process for SANDAG project managers to use as a tool for monitoring implementation of this Policy. (Estimated time to complete: 9 months.)
- 7.9 Provide a report to the Board of Directors on the implementation of this policy within one year of its adoption.

Regional Complete Streets Project Development Checklist

Introduction

On December 19, 2014, the San Diego Association of Governments (SANDAG) Board of Directors adopted a Regional Complete Streets Policy (Policy). The Policy defines Complete Streets as it will be used to guide SANDAG in its role as an implementer of regional transportation projects and as the regional planning agency that programs transportation funds, sets long-range regional transportation policy, and provides technical assistance and support to local agencies. The Board action directed implementation action items such as this project development checklist and others to ensure all projects implemented by SANDAG consider local complete streets initiatives and accommodate the needs of all travel modes. The Policy document is available at:

sandag.org/uploads/publicationid/publicationid_1909_18570.pdf

Background and Resources

In 2004, the SANDAG Board of Directors established a Smart Growth Strategy for the region's future growth and development. The strategy is illustrated on the Smart Growth Concept Map (SGCM), which was first adopted by the Board of Directors in 2006. The SGCM shows the location of existing, planned, and potential smart growth areas as well as planned habitat and open space. Projects located in a smart growth area must support walking and biking access, especially as it relates to transit. The *Smart Growth in the San Diego Region* (sandag.org/uploads/projectid/projectid_296_13993.pdf) brochure provides descriptions of the seven smart growth place types. More details about the SGCM are available at:

sandag.org/resources/smartgrowth/index_gmap.asp

Guidance on applying smart growth principles to transportation projects can be found in *Designing for Smart Growth, Creating Great Places in the San Diego Region* (sandag.org/index.asp?projectid=344&fuseaction=projects.detail).

Transportation design guidance for Complete Streets is available from a variety of sources including, but not limited to, those listed below:

- *Riding to 2050 (see Chapter 7, Bicycle Design Guidelines)*
sandag.org/uploads/projectid/projectid_353_10862.pdf
- *Planning and Designing for Pedestrians*
sandag.org/uploads/publicationid/publicationid_713_3269.pdf
- *Caltrans Highway Design Manual Chapter 1000*
www.dot.ca.gov/hq/oppd/hdm/pdf/chp1000.pdf
- *NACTO Urban Street Design Guide*
nacto.org/usdg

- *NACTO Urban Bikeway Design Guide*
nacto.org/publication/urban-bikeway-design-guide
- *Active Transportation Implementation Strategy & Safe Routes to School Typologies*
sdforward.com/pdfs/RP_final/AppendixU16-ActiveTransportationImplementationStrategy.pdfh
- SANDAG Transit Design Guidelines

Local bicycle and pedestrian plans, safe routes to school plans, and Community Active Transportation strategies should all be consulted where they exist. Contact local jurisdiction planning and engineering departments in the project area to identify local plans.

Using the Checklist

There are two occasions for employing the Complete Streets checklists.

1. The Project Initiation Complete Streets Checklist is completed and approved at the start of the project initiation process in the scoping document/feasibility study before the project is added to the Regional Transportation Improvement Program (RTIP).
2. If changing project scope, the Project Amendment Complete Streets Checklist must be completed and approved prior to amending the project in the RTIP. This is necessary because any exceptions to complying with this policy must be reported to the Transportation Committee as part of the RTIP approval process.

If all modes of travel cannot be accommodated in the project consistent with local and regional plans, the checklist requires an explanation of the circumstances that justify that decision. Discuss the issue with your Director to determine if the project should be submitted for review by the SANDAG Active Transportation Working Group. Be sure the project does not preclude design features that could be added in the future if funds become available.

Project Managers preparing the Checklist should consult with planners in the Land Use Coordination section to assist with the planning context and answer any specific questions for clarification.

Project Initiation Complete Streets Checklist

Project Title: _____

Project Location: _____

Contact Name, Phone, and Email: _____

Existing Conditions (To be completed by SANDAG Planning Staff working with Project Manager)

1. What accommodations for people walking or riding bikes exist in the project area? Include accommodations on any existing transportation facility, and any facilities that the project will intersect or cross. See GIS Senior Analyst for any questions.

SANDAG Regional Bike Map: gis1.sandag.org/BikeMap2015/index.html

SANDAG Sidewalk Map: M:\RES\GIS\Sidewalks\SanDiegoSidewalkNetwork_6_17

City of San Diego Sidewalk Inventory: ([website available in 2016](#))

Google Maps: www.google.com/maps

2. If there are no existing pedestrian or bicycle facilities, how far from the proposed project are the closest parallel bikeways and walkways?
3. Describe the existing level of pedestrian or bicycle activity along the project corridor based on available data from the Regional Bike Counter Network and/or baseline data collection. See Bike Program Manager for baseline data collection.

Regional Bike Counter Network webpage:

sandag.org/index.asp?classid=34&projectid=496&fuseaction=projects.detail

4. What trip generators (existing and planned) are in the vicinity of the proposed project that might attract walking or bicycling customers, employees, students, visitors or others? See GIS Senior Analyst for any questions.

Land Use Database Connections: [\dc.pila.LIS.ago.sde\lis.GIS.Land\lis.GIS.ludu2014](#)

5. What existing challenges or barriers could the proposed project address for people walking or bicycling in the vicinity of the proposed project?
6. What is the crash history in the project area? If the crash history of the site is high, what proposed project strategies will address public safety?

Transportation Injury Mapping System: tims.berkeley.edu/page.php?page=tools

Planning Context (To be completed by Planning Staff working with Project Manager)

1. Is the project in a Smart Growth Area as defined by the Smart Growth Concept Map? See Land Use Principal Planner for any questions.

Smart Growth Concept Map: sandag.org/uploads/projectid/projectid_296_13994.pdf

2. What local or regional plans will be consulted in the development of the project? (Include bicycle and pedestrian plans, safe routes to school and safe routes to transit plans, community active transportation strategies, streetscape enhancement plans, community plan mobility elements, and other relevant plans provided by local agencies).

SANDAG Intergovernmental ReviewResource List:

sandag.org/index.asp?classid=12&projectid=379&fuseaction=projects.detail

3. Where the project can contribute to the implementation of local plans, has a local jurisdiction contribution been identified and included in the project budget?

Proposed Project (To be completed by Project Manager)

1. How will the project development process respond to the mobility plans of local agencies?
2. Briefly describe the existing and future travel demand for all modes and how the proposed project will serve that demand.
3. Will the project sever existing access for any modes? If so, describe the circumstances and how the project will mitigate that loss of access. If the lost access cannot be mitigated, explain why not.
4. What accommodations are proposed for people walking or riding bikes in the project design?
5. Will the proposed project remove an existing bicycle or pedestrian facility or block access? If yes, how will that access be restored?
6. If the proposed project would not provide both bicycle and pedestrian accommodation, or if the proposed project would hinder non-motorized access, describe the circumstances that create this constraint.
7. If cost is assumed to be a factor in limiting access for people walking or riding a bike, explain how costs for the walking and biking improvements were allocated, and describe the key cost elements and their costs in relation to the overall project cost.
8. If existing right-of-way is a constraint, has acquisition of additional right-of-way been considered?
9. How will the project development process ensure access for people walking or riding bikes is maintained during project construction?
10. Have all parties responsible for ongoing maintenance of the facility been identified?

Complete Streets Certification

This project does/does not accommodate all users as requested by Complete Streets policy.

Completed by: _____
Name Title Date

Reviewed and approved by: _____ Department Director
Name Title Date

If this project will not meet the needs of all modes of travel that are not prohibited access by law, report this outcome to the Transportation Committee as part of the RTIP approval process with an explanation of the factors that led to that decision.

Project Amendment Complete Streets Checklist

Project Title: _____

Project Location: _____

Contact Name, Phone, and Email: _____

Existing Conditions (To be completed by SANDAG Planning Staff working with Project Manager)

1. If the land use or transportation context for the project changed since project initiation, explain how, and how those changes are affecting the plan, design, and estimated cost. Has observed pedestrian or bicycle activity along in the project area changed since the project was initiated, and if so, by how much? Has the project plan or design been modified to reflect that change? See Bike Program Manager for baseline data collection

Regional Bike Counter Network webpage:

sandag.org/index.asp?classid=34&projectid=496&fuseaction=projects.detail

2. Has the crash history in the project area changed since the initial assessment? If so, how? Does the current project design respond to any changes in the crash history?

Transportation Injury Mapping System: tims.berkeley.edu/page.php?page=tools

Planning Context (To be completed by Planning Staff working with Project Manager)

1. Have any new local or regional plans been completed, or have any existing plans been updated since the project was initiated? (Include bicycle and pedestrian plans, safe routes to school and safe routes to transit plans, community active transportation strategies, streetscape enhancement plans)
2. How does the current proposed project respond to these new plans?

Current Project Proposal (To be completed by Project Manager)

1. Have there been any changes in how the proposed project will accommodate people walking or biking, the movement of private vehicles, transit, or freight? Address access along the project corridor and across it.
2. Has the cost of accommodating any mode changed significantly? (If so, by how much? Dollar amount or percent change.) Will the completed project, as currently proposed, fully accommodate all modes? If not, why not?
3. What is the current estimated cost of including full accommodation for all modes?
4. If the proposed project would not provide both bicycle and pedestrian accommodation, or if the proposed project would hinder non-motorized access, describe the circumstances that cause this.

5. If cost is assumed to be a factor in limiting access for people walking or riding a bike, explain the factors that impact the cost, and how those costs were allocated.
6. If existing right-of-way is a constraint, has acquisition of additional right-of-way been considered? If so, what is the estimated cost of that right-of-way?

Complete Streets Certification

This project does/does not accommodate all users as requested by Complete Streets policy.

Completed by: _____
Name Title Date

Reviewed and approved by: _____ Department Director
Name Title Date

If this project will not meet the needs of all modes of travel that are not prohibited access by law, report this outcome to the Transportation Committee as part of the RTIP approval process with an explanation of the factors that led to that decision.

Local Complete Streets Sample Checklist: A Tool for Local Agencies

Introduction

This Complete Streets Sample Checklist is designed as a tool for local agencies to use in developing their own internal process for evaluating whether new transportation projects plan for and accommodate all modes of travel to the extent warranted. *Use of the local sample checklist is optional, can be adapted to meet specific local agency goals, and is not a requirement for receiving any transportation funds administered by SANDAG.*

Using the Checklist

The Complete Streets Sample Checklist is a tool that can be used when a transportation project is initiated to ensure that all modes are considered in the initial scoping and budgeting of the project. When evaluating existing and potential facilities for each mode, it is often useful for the project to take a holistic approach and consider the corridor context or surrounding transportation network. Because it may not be necessary or feasible to accommodate all modes in every project, the sample checklist provides a mechanism for exploring the application of complete streets solutions in the broader project area and documenting the circumstances that explain the decision.

Project Initiation Complete Streets Checklist

Project Title: _____

Project Location: _____

Project Manager, Phone, and Email: _____

Existing Conditions

What infrastructure currently exists to support each mode of travel?

- | | |
|---|---|
| <input type="checkbox"/> Auto | Total number of travel lanes _____ |
| <input type="checkbox"/> Transit | Route numbers/headways _____ |
| | Transit stops/amenities _____ |
| | Transit priority measures _____ |
| <input type="checkbox"/> Pedestrian facilities | Sidewalk - width and condition _____ |
| | Sidewalk - both sides of street? _____ |
| | Adequate street crossings _____ |
| | Sidewalk shading / street trees _____ |
| <input type="checkbox"/> ADA compliant? | Deficiencies _____ |
| <input type="checkbox"/> Bike facility/facilities | Type(s) _____ |
| <input type="checkbox"/> Lighting | Street lighting? ____ Pedestrian lighting? ____ |
| <input type="checkbox"/> Storm water | _____ |
| <input type="checkbox"/> Auto parking | Number of spaces _____ |
| <input type="checkbox"/> Bike parking | Number of spaces _____ |

Add details as necessary to describe any infrastructure deficiencies, walking and biking conditions, and/or challenges for transit performance.

What is the existing level of demand to the extent data are available?

- Auto ADT _____
- Transit Passengers per day by route _____
 Passengers per day by stop _____
- Pedestrians* _____
- Bikes* _____

* In the absence of existing demand data for bike and pedestrian traffic, document the surrounding land uses that are likely to attract significant traffic by these modes.

What is the safety record over the last five years for the project area?

- Auto-involved crashes _____
- Pedestrian-involved crashes _____
- Bicycle-involved crashes _____
- Pedestrian and bicycle-involved crashes within ¼ mile of transit stops _____

Coordination with transit agencies

- What existing challenges could the proposed project address for transit routes in the vicinity of the proposed project? What transit priority measures could improve transit performance? (Recommendation: Coordinate with the Metropolitan Transit System [MTS] or North County Transit District [NCTD])

Recommendations:

- Test existing and potential future bus turn movements using “auto-turn” software to accommodate 45-foot coach buses
- Minimize corner bulb-outs that conflict with bus movements; avoid installing bulb-outs on corners with bus stops or with bus turns; consider creating in-lane bus stops as an alternative
- Work with transit operators to assess impacts of roadway capacity reductions to buses
- Work with transit operators to assess impacts of traffic calming measures to buses
- Provide separate travel ways for bike and bus traffic whenever possible
- Ensure 11-foot minimum lane widths for travel lanes used by buses
- Avoid traffic calming measures on bus travel lanes that are incompatible with buses (e.g., speed bumps, speed tables, etc.)
- Coordinate proposed bus stop relocations with MTS/NCTD
- Provide safe path of travel to/from bus stops (adequate sidewalks, crosswalks)
- Ensure vertical/horizontal clearances for buses
- Coordinate with transit operators on need for existing or future transit priority measures such as transit signal priority in future transit-only lanes

Planning Context

Have the following documents been checked for planned facilities?

- Pedestrian Master Plan
- Bicycle Master Plan
- Community Active Transportation Strategy
- Community Plans and Facility Financing Plans
- Climate Action Plan
- SANDAG Regional Plan (highway, transit, rail, transportation demand management)
- SANDAG Regional Transportation Improvement Program
- SANDAG Regional Bike Plan
- SANDAG Smart Growth Concept Map (to help determine context)
- Pending local development proposals

Briefly describe relevant planned facilities and development proposals. Is there an opportunity to enhance this transportation project beyond existing plans to provide an enhanced walking, biking, or transit experience for future users of this corridor?

Forecasted travel demand

- Auto ADT _____ Forecast year _____
- Transit _____ Forecast year _____
- Pedestrian* _____ Forecast Year _____
- Bike* _____ Forecast Year _____

*If forecasts do not exist for future bike and pedestrian traffic, identify significant future land uses or other conditions that would influence demand.

Proposed Project

Will the proposed transportation project adequately and safely accommodate all modes, or are there opportunities to adequately and safely accommodate all modes through the larger project area?

- Auto
- Auto parking
- Transit
- Pedestrian
- Bike
- Bike parking
- ADA Compliant

For the proposed transportation project: Briefly describe the proposed accommodations or traffic calming measures for each mode and the features that will make the accommodations more friendly to people walking, biking, and using transit including urban greenery such as street trees, buffers from high speed traffic, street lighting, transit stop amenities, transit priority measures, etc.

For any mode not adequately accommodated through the proposed transportation project, describe the constraints or justify the lack of demand. Describe any relevant alternative access.

Complete Streets Certification

This project does/does not accommodate all modes of travel as outlined in the [local guiding policy].

Completed by _____
Name Title Date

Reviewed and approved by: _____
Name Title Date

Resources

The following documents are useful resources for how to plan and design Complete Streets:

[Smart Growth in the San Diego Region](#), a brochure that provides descriptions of the seven smart growth place types and the Smart Growth Concept Map.

[Designing for Smart Growth, Creating Great Places in the San Diego Region](#), provides guidance on applying smart growth principles to transportation projects in smart growth areas.

Transportation design guidance for Complete Streets is available from a variety of sources including, but not limited to, those listed below:

- [Riding to 2050 \(see Chapter 7, Bicycle Design Guidelines\)](#)
- [Planning and Designing for Pedestrians](#)
- [Caltrans Highway Design Manual Chapter 1000](#)
- [NACTO Urban Street Design Guide](#)
- [NACTO Urban Bikeway Design Guide](#)
- [NACTO Transit Street Design Guide](#)
- [NCTD Bus Stop Development Handbook](#)
- [SANDAG LRT Design Criteria](#)
- [Active Transportation Implementation Strategy & Safe Routes to School Typologies](#)

Local bicycle and pedestrian plans, safe routes to school plans, and Community Active Transportation strategies should be consulted where they exist. Contact local jurisdiction planning and engineering departments in the project area to identify local plans, and local transit agencies to identify and collaborate on potential transit priority measures and transit stop amenities.



P R E S E N T S

Joint May Luncheon at
Central Library
Neil Morgan Auditorium
330 Park Blvd., San Diego, CA 92101

THURSDAY
05.12.2016
11:30 AM-1:30 PM

SB 743 IMPLEMENTATION: WHAT TO DO AFTER THE GUIDELINES ARE ADOPTED

With the implementation of SB 743, the focus of transportation analysis will shift from driver delay to reduction of greenhouse gas emissions, creation of multi-modal transportation networks and promotion of mixed land uses. This shift changes the project review paradigm under CEQA and may rearrange work priorities for a wide range of professionals including traffic engineers, transportation planners, city planners, and environmental professionals.

Join us for a stimulating lunch event as Chris Ganson and Chris Calfee from OPR discuss the implementation of SB 743. Presentation will be followed by a panel discussion focusing on the implications of incorporating the alternative transportation metrics into CEQA and the new opportunities this may create.

11:30-12:00: REGISTRATION/LUNCH

12:00-12:10: OPENING REMARKS

City of San Diego and KC Yellapu, *Linscott Law & Greenspan Engineers*

12:10- 1:00: SB 743 IMPLEMENTATION

Chris Ganson, *California Governor's Office of Planning and Research (OPR)*

Chris Calfee, *California Governor's Office of Planning and Research (OPR)*

Andrew Martin, *SANDAG*

1:00-1:30: QUESTION & ANSWERS

Participating Organizations

San Diego ITE, APA San Diego, AEP San Diego, WTS San Diego, City of San Diego, Caltrans, Circulate San Diego, Complete Streets Task Force

Pricing and Registration

Register by Wednesday May 5th 2016 by using the link below

<http://tinyurl.com/SB-743-Implementation>

ITE, APA, AEP, WTS and CSD members \$25 | Non-members \$30 | Caltrans and City of San Diego (Free with codes Caltrans and CITYOFSD respectively)

Questions??

Contact KC Yellapu at yellapu@llgengineers.com or 858.300.8800 T, Ext. 234