

Nevada Department of Transportation (NDOT)
Statewide Transportation Technical Advisory Committee (STTAC) Meeting

Agenda

June 5, 2017, 10:00 a.m.

Meeting Locations:

RTC/NDOT	NDOT	NDOT
Conference Room #127	3 rd Floor Conference Room	District 3
600 S. Grand Central Parkway Las Vegas, Nevada	1263 S. Stewart Street Carson City, Nevada	1951 Idaho Street Elko, Nevada

Notification:

The STTAC reserves the right to take items out of order, combine two or more agenda items for consideration, remove any item from the agenda or delay discussion relating to any item on the agenda at any time.

Regular STTAC Meeting

1. (For Possible Action) Call to order and determination of a quorum for the Regular STTAC meeting

2. Public Comment

The STTAC is prohibited by law from taking immediate action on or deliberating on any issues raised by the public that are not listed on this agenda. Members of the public are allowed a maximum of three minutes to discuss an issue.

At this time, any member of the public in attendance may address the STTAC on any matter within the jurisdiction of the STTAC. No deliberation can be performed on a matter not listed on the posted agenda; however, the STTAC can direct that the matter be placed on a future agenda.

Prior to speaking, each member of the public must be recognized by the Chair. At that time, such person will state his or her name for the record.

The NDOT keeps the official record (minutes) from each meeting. In addition, any presentation or other documents used during the meeting must be provided to staff and will be included in the record for the meeting.

3. (For Possible Action) Approval of the May 1, 2017 STTAC meeting minutes.

4. NDOT Planning

a) (For Possible Action) Making of an Advisory Recommendation to the NDOT on the One Nevada Transportation Plan Future Population/Employment Scenarios (Bryan Gant)

At the May 1, 2017 STTAC meeting, consultant and NDOT staff discussed 2040 population and employment projections from various sources. The One Nevada Steering Committee (STTAC) provided feedback on potential growth. These results were then reported and discussed with the One Nevada Advisory Committee (PEG) on May 17th. The STTAC will be asked to recommend approval of the One Nevada model assumptions and the One Nevada Socioeconomic Report scenarios for use in the One Nevada Plan.

b) (For Possible Action) Making of an Advisory Recommendation to the NDOT on the One Nevada Transportation Plan Future Trends Focus Group Process (Bryan Gant)

At the May 1, 2017 STTAC meeting consultant and NDOT staff discussed socioeconomic trends that may affect future decisions and corresponding strategies. The One Nevada Steering Committee (STTAC) interacted and provided feedback on potential strategies. These results were then reported and discussed with the One Nevada Advisory Committee (PEG) on May 17th. The STTAC will be asked to recommend approval of the proposed Focus Group entities for the One Nevada Plan.

c) Presentation of the Committee Charter (Bill Story)

At the May 1, 2017 staff reviewed the draft Charter document. Staff provided time for additional comments, no additional comments were received. Staff will make a presentation on the final Committee Charter.

d) (For Possible Action) Nomination and Election of STTAC Vice Chairperson (Bobbi Thompson)

The STTAC Chairperson has served since April 2015. The current STTAC Vice Chairperson and will move into the Chairperson role effective after the June 5th meeting. The STTAC bylaws discuss the process of electing a new chairperson and the procedure to fill the role. Action may be taken to elect a STTAC Vice Chairperson.

e) Introduction to Unmanned Aircraft Systems (UAS) Operations (Chris Johnson)

The Minden-Tahoe Airport has been actively involved with UAS operations, and would like to share some of their experiences with you. A presentation will be given on UAS operations.

5. (For Possible Action) Future Agenda Item Discussion.

Action may be taken to place items on the agenda for the next STTAC meeting.

6. Public Comment

The STTAC is prohibited by law from taking immediate action on or deliberating on any issues raised by the public that are not listed on this agenda. Members of the public are allowed a maximum of three minutes to discuss an issue. Additional information is included in agenda Item #2 above.

7. (For Possible Action) Adjournment of Regular STTAC Meeting

Note:

Reasonable efforts will be made to assist and accommodate physically handicapped persons desiring to attend the meeting. Requests for auxiliary aids or services to assist individuals with disabilities or limited English proficiency must be made with as much advance notice as possible. Please send the request to Tim Mueller via email tmueller@dot.nv.gov or call 775-888-7351.

Posting:

This agenda has been posted on/or before 9:00 a.m. on/or before the third working day before the meeting at the following locations:

RTC of Southern Nevada	Washoe County RTC	Carson City Library
TRPA	Elko County Courthouse	Washoe County Library
Clark County Library	NDOT Headquarters	www.nevadadot.com
NDOT District 1	NDOT District 2	NDOT District 3

Additional information about the STTAC can be found at:

<http://www.nevadadot.com/doing-business/public-involvement-information/transportation-planning/statewide-transportation-technical-advisory-committee-sttac>

NEVADA DEPARTMENT OF TRANSPORTATION (NDOT)

STATEWIDE TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (STTAC) MEETING

Physical Meeting Location
NDOT Headquarters
3rd Floor Conference Rm
1263 So. Stewart Street
Carson City, Nevada

Video-Conference
NDOT/RTC
Conference Rm #127
600 S. Grand Central Pkwy
Las Vegas, Nevada

Video Conference
NDOT District II
Dist. Conference Rm
1951 Idaho Street
Elko, Nevada

**May 1, 2017
10:00 am**

Members in Attendance:

Shane Ammerman, Clark Co. Comp. Planning
Steve Bunnell, City of Reno
Amy Cummings, RTC Washoe
Amy Davey, Office of Traffic Safety
Jon Ericson, City of Sparks
John Fairman, Governor's Office of Energy
Dirk Goering, CAMPO
Nick Haven, TMPO

Tim Hunt, State Parks
Greg McDermott, City of Las Vegas
Ken Mammen, NBPAB
Craig Raborn, RTCSNV
Sondra Rosenberg, NDOT
Bobbi Thompson, NATAAC
Jo Walker, NV League of Cities

NDOT Attendees:

Mark Costa
Tim Mueller
Bill Story
Melanie Ewart
Nancy Carnahan
Coy Peacock
Ken Satowski

Others in Attendance:

Bryan Gant, Wood Rogers
Scott Rickert, Wood Rogers

Item 1: Call to order and determination of a quorum for the regular STTAC meeting (for possible action)

Tim Mueller called the STTAC meeting to order at 10:00 a.m. Roll call was taken and it was determined there was a quorum present.

Item 2: Public comment

Chairperson Thompson asked for public comment and there was none at this time.

Item 3: Approval of the February 6, 2017 STTAC meeting minutes

A motion was made to approve the February 6, 2017 meeting minutes with no corrections. The motion was seconded. A vote was taken and the motion was approved and carried.

Item 4: NDOT Planning

a) Update and discussion on the status of the One Nevada Transportation Plan (Bryan Gant/Tim Mueller)

Bryan reviewed items discussed from the previous meeting and progress that has been made or completed. Current items completed are technical analysis and memorandums, developed an on-line survey and out-reach materials, prepared for round two of the Hyper-Loop One application, prepared for the state-wide mobile out-reach, finished wrapping one of the NDOT vehicles and will initiate wrapping a second vehicle in Las Vegas. The mobile outreach had been planned for the spring, but was concerned about overlap and possible confusion with the county tours so inserted some information into the county tour presentation and will do presentations to the counties later in the summer.

Sondra Rosenberg gave a presentation on Hyper-Loop One Challenge which is a new form of transportation that has been proposed with a couple of companies working on it. The Hyper Loop 1 prototype is being built in So. Nevada. They have completed the first whole system and are working on testing and start up. The company contacted NDOT looking for some federal grants and realized that none fit in the current boxes, so they issued a challenge to have governments and companies apply to them. Issued a global Hyper-Loop One Challenge to propose where the 1st system should be built. There were 2600 applications with 35 selected as semi-finalists, with 11 in the US and NDOT was selected as one of them. Meeting in DC for the US competition, Sondra gave a presentation with Tina Quigley in Washington, D.C. with Nevada considered as one of the top corridors considered. Questions/discussion followed.

b) Update on recently published One Nevada Transportation Plan documents (Tim Mueller) (for possible action)

Tim reported on the following documents that have been published and are available on the web page:

Planning Case, Vision and Goals which creates a vision and plan goals for the plan
Socio-Economic and Market Overview

Existing Plans and Studies Memo which includes the “bulls eye” graphic, depicting the complexity of the One Nevada Plan

Sondra requested the Board look over the documents and make any comments or suggestions and send to Tim Mueller within two weeks.

Bryan explained the Existing Plans and Studies Memo is a living document which will be updated and to summarize strategies, goals and performance measures out of all the relevant documents listed above.

c) Workshop on the One Nevada Transportation Plan Future Scenarios (Bryan Gant/Tim Mueller) (for possible action)

Bryan explained the One Nevada Plan is a 20-year plan looking out into the future and is adaptive, responsive and proactive to what will happen and trying to figure out what is going to happen. He explained Scenario Based Planning which identifies strategies that perform across a range of different alternative futures, they tend to be more responsive and flexible compared to whatever futures may occur and is also referred to as Robust Decision Making. Bryan passed out One Nevada Transportation Plan handout to each member and explained the two sides to the scenario planning: **Population, Employment and Distribution** and **Broad Trends and Socioeconomic Changes**.

Population and Employment Distribution: Bryan explained the three data sets that have been assembled and summarized:

1. One Nevada Plan Social Economic Market Analysis
2. State Demographer
3. Statewide Travel Demand Model

Bryan had the members do an exercise to answer the following three questions:

What do you think Nevada looks like in 2040?

Why did you answer the way you did in #1?

What do you believe will be the most important drivers of change?

Discussion on the exercise followed

Broad Trends and Socioeconomic Changes: identifies six specific overarching trends: Urbanization, Diversified Economy, Tourism and Attractions, Aging Infrastructures, Transportation Behavior and New Technologies. Bryan explained each of the trends to the members.

Bryan described Robust Decision Making as another approach to scenario planning, it allows a person to develop specific strategies for different issues. Four different types of strategies developed are: Near-Term, Shaping, Hedging and Adaptive and explained how to identify these strategies and gave examples. Bryan had the members do another exercise with the trends and the strategies. Discussion followed after the exercise.

d) Update and Discussion on the One Nevada Transportation Plan Workshop (outreach) Schedule and Next Steps (Bryan Gant/Tim Mueller)

Bryan stated he will be reaching out to the counties for dates for the Statewide Mobile Outreach and starting to piggy-back on meetings. Requested the members to take the on-line study survey: onenvplan.com. Will continue the outreach activities, refine the scenarios that were developed today and bring back at the next meeting for the Board to review and approve, continue the traffic forecast modeling and are a couple of weeks away from having a 2040 travel demand model for the state, start focusing on critical corridor plans, develop a review of funding and update, and performance measures.

e) Discussion on STTAC History and Charter (Bill Story/Tim Mueller)

Tim stated he went through a 14-year review of STTAC minutes and summarized in the handout STTAC Summary of History and Activities given to the Board members. A power-point presentation was given by Bill and Tim on the STTAC Committee's purpose. Questions and discussion followed.

Item 5: Future Agenda Item Discussion (for possible action)

Bobbi Thompson suggested a presentation of regulations on drones.
Tim listed follow-up workshop to the post-it note exercise, STTAC membership, election on Vice-Chair position

Item 6: Public Comments

No public comments.

Item 7: Adjournment of Regular STTAC Meeting (for possible action)

The meeting adjourned at 11:50 am



Trend Focus Groups

One NV Plan Trends	Potential Participating Agencies
Urbanization	Nevada MPOs
	Truckee Meadows Regional Planning Agency
	League of Cities
	Nevada Association of Counties
	Clark County Comprehensive Planning
	City of Las Vegas Planning Department
	Rural Nevada Development Corporation
	Southern Nevada Regional Planning Coalition
	Tahoe Regional Planning Agency
Diversifying Economy	Nevada MPOs
	Las Vegas Global Economic Alliance
	EDAWN
	Northern Nevada Development Authority
	Governors Office of Economic Development
	Northeast Nevada Regional Development Authority
	Western Nevada Development District
	Rural Nevada Development Corporation
	Brookings Institute
	UNLV Office of Economic Development
Tourism and Attractions	Nevada MPOs
	Travel Nevada / Nevada Division of Tourism
	LVCVA
	RSCVA
	Carson City Visitors Bureau
	Elko Convention and Visitors Authority
	Silver Trails
	Lake Tahoe Visitors Authority
Aging Infrastructure	Nevada MPOs
	NDOT District Engineers
	NDOT Asset Management
	NDOT Bridge
	Clark County Public Works
	City of Las Vegas Public Works
	RTC Washoe
	Carson City Public Works
	NEDCO
	Nevada Trucking Association State Public Works Division
Transportation Behavior	Nevada MPOs
	RTC of Southern Nevada, Transit
	RTC Washoe, Transit
	Nevada Rural Transportation Association
	Tahoe Area Regional Transit
	Southern Nevada Strong
	Truckee Meadows Regional Planning
	Center for Advanced Mobility
	UNR
	UNLV
	Vulnerable Road Users Inlay Insights
New Technologies	Nevada MPOs
	Center for Advanced Mobility
	RTC of Southern Nevada
	City of Las Vegas
	UNR
	UNLV
	Nevada Motor Transport
	ITS Planning Group
	Nevada DMV Private Sector (Switch)

TRANSPORTATION PLANNING ADVISORY COMMITTEE (TPAC) CHARTER

REVISED 5/25/17

Purpose:

The TPAC is intended to advise, solicit input and interact with NDOT's Planning management team and staff on issues that affect transportation planning in Nevada. This advisement/interaction may include: review, comment and making recommendations on NDOT planning studies, plans and guidance as well as special duties such as serving as the Steering Committee for the One Nevada Transportation Plan. An additional purpose of the committee is to help NDOT with its public outreach efforts by providing valued input into the transportation planning decision-making process.

Goals/Objectives:

These goals and objectives are intended to help NDOT to be following the prescribed Federal Requirements*.

- 1) Goal: Gaining input into the transportation planning process in accordance with US Code 23, Part 135.
Objective: Providing an open forum for collaboration on Nevada transportation planning studies, plans and guidance. Receiving input from*: Tribal, Local Public Agencies, Providers/Employers of Transportation Services, Historic Preservation, Environmental/Conservation/Natural Resources, Disabled Community, Freight Shippers and Providers, Bike/Ped Advocate and the State.

- 2) Goal: To provide for open collaboration to bring forward transportation planning issues from members.
Objective: a) This would provide a mechanism for members to bring forward transportation issues for discussion.
b) Provide a formal process to advise NDOT management of transportation planning issues or recommendations.

*U.S. Code Title 23 subparts 135 (d), (f)(2), (g)(3), Chapter 23 Code of Federal Regulations (CFR) 450.16 (i) and ISTEA, TEA-21, SAFTEA-LU, MAP-21 and the FAST Act.

By-Laws
STATEWIDE TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (STTAC)
Including Subcommittee(s)
Approved April 6, 2009

I. STATEMENT OF PURPOSE

The Statewide Transportation Technical Advisory Committee (STTAC) was originally formed as the forum for discussing planning and programming issues related to the Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA).

On January 15, 1993, the State Transportation Board ratified the formation of the STTAC as an advisory board to the Director of the Nevada Department of Transportation (NDOT) and the State Transportation Board.

On August 10, 2005 the President of the United States reauthorized national transportation legislation by signing the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU).

On April 6, 2009 the STTAC reaffirmed their interest and intent to continue to serve as an Advisory Board to the Director of the (NDOT) and the State Transportation Board.

II. OBJECTIVES

- A. Provide review, comment, and make recommendations on the planning process for the statewide transportation system required by state statute and SAFETEA-LU.
- B. Provide review, comment, and recommendations on statewide transportation planning documents, including the Statewide Intermodal Transportation Plan and the Transportation System Projects (TSP); which includes the Statewide Transportation Improvement Program, Annual Work Program, Short Range Element and Long Range Elements; in addition, to other planning documents as they are created. An open dialogue is encouraged in the development of NDOT Planning documents.
- C. Provide review, comment, and recommendations on statewide transportation planning, programming and development issues raised by the State Transportation Board and the NDOT.

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- D. Provide review, comment, and recommendations on the prioritization of transportation projects, including but not limited to enhancement and landscape and aesthetics projects.

III. PROCEDURES

A. Membership:

1. Committee membership is made up of federal, state and local agencies/entities (See Attachment A) identified by NDOT. Those agencies-members identified as members may vote on the TSP and Enhancement funded projects, landscape and aesthetics projects, and all other agenda items. The only attendees that will not be allowed to vote will be additional attendees (agencies), ex-officio members, NDOT staff and members of the public.
2. In order to ensure representation of public body members (Advisory Committee on Transit (ACT), Nevada Aviation Technical Advisory Committee (NATAC) and the Nevada Bicycle Advisory Board (NBAB)) to which NDOT provides staff, the STTAC requests that these public bodies discuss, nominate and take action to appoint the chair as their designated representative and an alternate by formal action to attend STTAC meetings. Once this action has taken place the name(s) of the new attendee and alternate along with contact information will be forwarded to NDOT staff.
3. Currently, representatives from 13 member agencies/entities in attendance constitutes a quorum. Members agencies/entities may be added to the Committee by the NDOT. If members are added in the future, the number of the quorum will be one more than a majority. Member agencies/entities will designate a representative and must designate an alternate to serve in the representative's absence. The appointed alternate may vote on action items. It is necessary for the NDOT to be notified that the alternate has been appointed by letter on agency/entity letterhead.
4. Regular STTAC meeting attendance (physically or via video/teleconference) is strongly encouraged. Member agencies/entities who are not represented at three (3) or more consecutive meetings by either the member or alternate will be contacted by NDOT staff to reevaluate their membership on the

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committee.

5. In the event that a representative is not available to attend a meeting it is strongly recommended that the alternate attend. Examples for non-attendance may include; scheduling conflicts or sickness.

B. Officers:

1. A Chair and Vice-Chair will be nominated from the membership of the Committee and be selected by a vote of the Committee. A majority vote of the quorum is necessary to elect the Chair and Vice-Chair.
2. Terms of office for the Chair and Vice-Chair will be one year. The Chair will be replaced by the Vice-Chair, with a new Vice-Chair being selected at the April meeting of the Committee.
3. If the Chair or Vice Chair is unavailable or unable to facilitate a meeting the most recent Chair will conduct the meeting.
4. If a Chair or Vice Chair is not able to complete their term, for any reason, the committee will hold a special election to nominate and elect an officer to fill the vacancy.

C. Meetings:

1. Meetings of the STTAC will normally be scheduled at 10:00 A.M. on the first Monday of every other month (February, April, June, August, October and December), or on a date and time approved by the STTAC, NDOT Director or State Transportation Board . In addition, the Committee may choose to meet on an as-needed basis or to change the meeting, time, date or location.
2. Meetings of the STTAC are subject to the requirements of the Nevada Open Meeting Law (NRS Chapter 241).
3. Draft agendas for meetings of the STTAC will be approved by the Chair and will be mailed or otherwise distributed to the Committee members at least one week prior to the scheduled Committee meeting date.
4. Members are encouraged to submit items for inclusion on the monthly agenda. Items must be submitted to the Department at least one month prior to the scheduled meeting date. In addition, members can recommend agenda items during discussion on Future Agenda Items

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at each STTAC meeting.

5. Each agency/entity representative of the Committee is entitled to one vote.
6. Voting may be exercised by voice, show of hands or roll call.
7. Votes taken on items requiring action by the Committee will only be taken if a quorum is present. A simple majority vote of those present is required to decide an issue.
8. The Committee will only take action on those items on the agenda that are designated as action items.
9. Committee meetings will be conducted according to the most recent edition of *Robert's Rules of Order* except as follows:
 - a. The Chair may make motions and can vote.

D. Minutes

1. Meetings will be recorded and minutes will be prepared for approval by the Committee.
2. The minutes will be in conformance with NRS 241.035.
3. The minutes or audiotape recordings of the meeting will be made available for inspection by the public within 30 days of the meeting.

E. Subcommittees

1. As needed, the STTAC may form subcommittees. To be a member of a STTAC subcommittee the member shall be a regular or alternate representative of the STTAC.