



Technical Advisory Committee Meeting

Meeting Location* 3rd Floor Conference Room
1263 S. Stewart Street
Carson City, Nevada

Meeting Date and Time February 29, 2012 10:00 am – Noon

*Meeting will be broadcast live via Net Meeting at the HDR office 7180 Pollock Drive, Las Vegas, NV.

www.ConnectingNevada.org

AGENDA ITEMS

- 1 Introductions

- 2 Stakeholder meetings status update

- 3 Statewide Travel Demand Model

- 4 Socioeconomic Forecasts Methodology approach

- 5 Schedule

- 6 Open Discussion

- 7 Meeting adjourned

Action items:

For questions or comments please contact Jason Van Havel (775-888-7119) or Tim Mueller (775-888-7351), NDOT Project Managers; or Brent Cain, HDR Project Manager at 602-522-7782.



Technical Advisory Committee Meeting Notes

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 1263 S. Stewart Street
 Carson City, Nevada

Meeting Date and Time February 29, 2012 10:00 – noon

**Meeting will be broadcast live via Net Meeting at the HDR office 7180 Pollock Drive, Las Vegas, NV.*

Attendees: See sign-in (attached).

Conference call attendees: Ryan Arnold, Skancke Corp; Mike Gainor, RTC Southern Nevada; Michael Gorton, HDR; Lolene Terry, HDR; Jason Gray, Strategic Solutions;

Handouts: Meeting Agenda

- Action Items*
- Copy of PPT to be provided to participants
 - NDOT to provide HDR with copy of the truck traffic research done for southern Nevada
 - HDR to provide Technical Advisory Committee memo outlining the proposed approach to socioeconomic forecasts, as presented at today's meeting

Tim Mueller, NDOT, began the meeting by providing a brief project introduction and overview of the November 2011 outreach activities. He noted that the Stakeholder Outreach Summary Report has been posted to the Connecting Nevada website and encouraged everyone to review (printed copies of the report were made available). The Technical Advisory Committee (TAC) members introduced themselves (see sign-in and Conference call attendees noted in heading).

Brent Cain, HDR, welcomed everyone and provided a brief overview of the agenda items. Brent introduced Michael Gorton, HDR, to discuss the first agenda item(s). Key topics of discussion are summarized below:

Statewide Travel Demand Model

- A question was asked whether the 3,600+ zones (the model includes 3,622 zones) would be included in one model. Yes, the Connecting Nevada model represents all of the zones, the further away from Nevada, the coarser the zones until the outlying states (WA, MT, CO, NM) which are each represented by one traffic analysis zone (TAZ).
- Tom Greco, Washoe MPO cited concerns using the State Demographers projections. There are discrepancies between these and the MPO's model projections.
- Question was asked about potential discrepancies between the statewide model results and those of the MPOs. Brent Cain, HDR, explained that the statewide model much coarser, would always defer to the regional models. However, the statewide model will be building off the MPOs – not trying to replace them, should be largely consistent, aggregating up to the statewide level.

- The statewide model will use increasing resolution approaching Nevada, with interstate highways at the perimeter of the model area, US Highways and interstate closer in, and within Nevada, the MPOs' model networks with the rest of the state (rural areas) reflecting the HPMS network.
- The statewide model is a three-step model; focusing on vehicular travel on the state's roadway network; it will not model transit, rail or air. Analysis will involve screen or cut lines.
- The National Household Travel Survey (NHTS) was reviewed for Nevada; insufficient sample to allow for use as trip generator. Looked at RTC SN's 1996 travel survey. Tom Greco noted that Washoe County has a more recent (2006) trip survey, may wish to review (Tom followed up indicating that the 2006 survey was available on Washoe's website).
- A reference for truck traffic is the Chambers' research project on truck traffic on I-15 (NDOT Research Group), NDOT to provide a copy for HDR's review.
- Jason Van Havel, NDOT, noted that goods movement would not be modeled as part of the Connecting Nevada effort, waiting for outcome of this study before pursuing that effort.
- Brent Cain noted that we have held two meetings with the MPOs/RTCs, with the intent of making the process as transparent as possible.

Socioeconomic Projections

- Socioeconomic component of the model uses a 2010 base year.
 - Built from 2010 Census.
 - Employment for that state is consistent with control total from the Bureau of Labor Statistics.
 - Looking at primary, secondary, and university enrollment as education special generators.
 - Question was asked as to the jobs to household ratios seen in the model's base year results; statewide ratio is 1.1, Carson City area is 1.18.
 - Employment for a given area is reflective of the employment in that area – not number people working.
- Michael Gorton noted this is a first cut at geographies (TAZ), and that certain areas, such as Jackpot, NV, would undergo further refinement as that need is identified through the model validation process.
- Question was raised whether community college enrollment would be modeled? Michael Gorton explained that, at present, it would not. Difficulty determining campus attended, also enrollment is rolled-up to full time equivalents, further complicating the information. We'll continue to look at this issue.
- Question was asked whether HDR had experience doing other statewide travel demand models. Brent Cain pointed out HDR's involvement in the BqAZ effort.
- Question was raised as to the sensitivity of the model to tourist visitors. It was explained that this is largely captured through employment, and that additional visitors would be reflected in increased employment, increased hotel rooms, etc.

- There was discussion regarding the importance of demographics, and making sure that we don't underestimate population, and as a result demand.
- Scenario planning was discussed. Brent noted that NDOT will have the Connecting Nevada model as a deliverable, and will be able to do scenario planning with it by adjusting assumptions regarding population, employment, network, etc.
- It is anticipated that there will be modeling results available to review by end of April, 2012.
- Brent Cain noted that we'll be looking at a number of outputs.
- One challenge noted in Nevada, given the nature of some employment types, is the idea of peak time of day.

Tim Mueller concluded the meeting and thanked everyone for their attendance and continued interest in the project.

11:40 meeting concluded.

For questions or comments please contact Jason Van Havel (775-888-7119) or Tim Mueller (775-888-7351), NDOT Project Managers; or Brent Cain, HDR Project Manager at 602-522-7782.

Any exceptions, corrections, or additions of these notes should be forwarded to Brent Cain, HDR, in writing with five (5) days of receipt of this document.



Connecting Nevada: Planning Our Transportation Future Phase II

Technical Advisory Committee – as of February 28, 2012

Time and Date: 10:00 am– 12:00 pm **February 29, 2012**

Location(s): NDOT 3rd Floor Conf. Room **HDR Las Vegas**
 1263 S. Stewart Street, Carson City and **7180 Pollock Drive, Lake Tahoe Conf Rm.**

SIGN-IN SHEET & DISTRIBUTION LIST (Please review this information at sign in and mark any corrections)

Attended Meeting	Member Name	Contact Information	Representing
	Martyn James, RTC of Southern NV	600 S. Grand Central Parkway, Suite 350 Las Vegas, Nevada 89016-4512 702-676-1715 jamesm@rtcsonv.com	Regional Transportation Commission of Southern Nevada (RTC)
✓	Tom Greco, Washoe RTC	PO Box 30002/89520 600 Sutro Street Reno, NV 89512 775-335-1907 tgreco@rtcwashoe.com	Regional Transportation Commission (RTC) of Washoe County
	Patrick Pittenger, CAMPO	3505 Butti Way Carson City, NV 89701-3498 775-283-7396 Ppittenger@carson.org	Carson Area Metropolitan Planning Organization (CAMPO)
	Keith Norberg, TMPO	PO Box 5310 Stateline, NV 89449 775-589-4547 x-289 knorberg@trpa.org	Tahoe Metropolitan Planning Organization
✓	Ryan Arnold, Las Vegas Convention and Visitors Bureau/Skancke Corp	Skancke Company 2620 Regatta #102 Las Vegas, NV 89128	Dist I (Non-NDOT)
	Brad Hellwig IGT	9295 Prototype Drive Reno, NV 89521 Brad.Hellwig@IGT.com	Dist II (Non-NDOT)
	Matt Murray Newmont Mining	1655 Mountain City Hwy. Elko, NV 89801 Matt.Murray@Newmont.com	Dist III (Non-NDOT)
✓	Wes Henderson	304 South Minnesota Street Carson City, NV 89703 775-883-7866 henderson@nvnaco.org	Nevada Association of Counties

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Attended Meeting	Member Name	Contact Information	Representing
	David Fraser	310 S. Curry St. Carson City, NV 89703 775-882-2121 fraser@nvleague.org	Nevada League of Cities
	Lisa Schettler, Ops/ITS	1263 S. Stewart Street Carson City, NV 89712 775-888-7811 lschettler@dot.state.nv.us	NDOT
	Xuan Wang, Traffic Info	1263 S. Stewart Street Carson City, NV 89712 xwang@dot.state.nv.us 775-888-7443	NDOT
✓	NDOT Planning, Jason Van Havel	1263 S. Stewart Street Carson City, NV 89712 775-888-7119 JVanHavel@dot.state.nv.us	NDOT Project Manager
✓	NDOT Planning, Tim Mueller	1263 S. Stewart Street Carson City, NV 89712 775-888-7351 tmueller@dot.state.nv.us	NDOT Project Manager
✓	Lolene Terry, HDR	7180 Pollock, Suite 200 Las Vegas, NB 89119 702-938-6002 lolene.terry@hdrinc.com	Consultant Team
✓	Brent Cain, HDR	3200 East Camelback Road, Suite 350 Phoenix, AZ 85018-2311 602.522-7782 cell: 602-448-5921 brent.cain@hdrinc.com	Consultant Project Manager
✓	Michael LaBianca, HDR	3200 East Camelback Road, Suite 350 Phoenix, AZ 85018-2311 602-778-7334 michael.labianca@hdrinc.com	Consultant Team
✓	James Caviola, CA Group, Inc	2785 South Rainbow Boulevard Las Vegas, NV 89146-4008 702-685-5945 James.caviloa@c-agroup.com	Consultant Team

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Attended Meeting	Member Name	Contact Information	Representing
✓	Jason Gray, Strategic Solutions	516 S. 6th Street, Suite 100 Las Vegas, NV 89101 702-889-2840 jgray@strategicsolutionsnv.com	Consultant Team
	Mike Murphy, District III	1951 Idaho Street Elko, NV 89801 775-777-2700 mmurphy@dot.state.nv.us	NDOT
	Thor Dyson, District II	310 Galletti Way Sparks, NV 89431 775-834-8300 tdyson@dot.state.nv.us	NDOT
	Mary Martini, District I	123 E. Washington Avenue Las Vegas, NV 89101 702-385-6500 mmartini@dot.state.nv.us	NDOT
✓	Michelle Gardner-Lilley, Transit	1263 S. Stewart Street Carson City, NV 89712 775-888-7312 mgardner-lilley@dot.state.nv.us	NDOT
✓	Sondra Rosenberg, Federal Programs	1263 S. Stewart Street Carson City, NV 89712 775-888-7241 srosenberg@dot.state.nv.us	NDOT
	Eric Glick, Aviation/Rail/Freight	1263 S. Stewart Street Carson City, NV 89712 775-888-7464 eglick@dot.state.nv.us	NDOT
	Bill Thompson, Aviation and Freight Planning	775-888-7354 bthompson@dot.state.nv.us	NDOT
✓	Bill Story, Bicycle and Pedestrian Program	(775) 888-7464	NDOT
✓	Dan Doenges CAMPO	3505 Butti Way Carson City, NV 89701-3498 775-887-2355 ddoenges@carson.org	Carson Area Metropolitan Planning Organization (CAMPO)

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Attended Meeting	Member Name	Contact Information	Representing
✓	Mike Gainor RTC Southern Nevada	600 S. Grand Central Parkway, Suite 350 Las Vegas, Nevada 89016-4512	RTCSN
	Natalie Caffaratti NDOT Scoping		NDOT