

Meeting Summary
NAC/CAC (the “Committee”) Meeting
July 25, 2007

Attendance:

NAC/CAC Members and Alternates Present: Irene T. Dailey, Falcon Ridge HOA; Christine Klein, Tucson Mountain Sanctuary; Jeffery Anderson, Shadow Mountain Ranch; Jim Soll, Tucson Estates; John Maple, Tucson Mountain Sanctuary; Barney Riley, representing Sarah Craighead, Saguaro National Park;

NAC/CAC Members and Alternates Absent: David Stone, Drexel Heights Fire District Fire Marshall; John Kurath and Steve Rankin, Millstone Manor No. 2; April Snow, Shadow Mountain Ranch; Sherry Whiting and Murray Samuel, Tucson Estates No. 2; Duane Krause, Tucson Estates; Randy Newman, Star Ridge; Otis Bronson, Veteran Acres; Ron Miller, Falcon Ridge; Michael Burns, Sage Creek; Kathleen Buske, Desert Mountain ; Charles Aquilina, Jr. CAC Representative; Candy Davis, businesses within one mile; Bob Edison, Arizona-Sonora Desert Museum; Pete Mangelsdorf, Old Tucson Studios; Dr. Buell T. Jannuzi and Dr. Paul Smith, Kitt Peak National Observatory;

Audience Attendees: Barbara Graczyk, Sharon Brunson, Lorraine Delisle, Richard Meyer, Mary Ann Anderson, Gordon and Carmen Gram, Elliott Prichard, Alan Young, Pat Youell, Val Viney, Marilyn Trunk, Candy Davis, Bob and Charlotte Venehang;

Project Team and Consultant Attendees: Rich Montgomery, URS; Deron Lozano, URS; Joshua Marks, Sundt; Liz Beamer, Kaneen Advertising; Angela Stith, Kaneen Advertising; Keri Silvyn, Lewis and Roca; Valarie Hall, Lewis and Roca, Jim Portner, Designated Facilitator; Ben Goff, Pima County DOT; Bill Holliday, Sound Solutions Acoustical Consulting, , Bob Lutgendorf, Pima County Public Works

I. Welcome and Introductions-Remarks:

Mr. Jim Portner brought the meeting to order at 6:09 PM, July 25, 2007, at the Multi-Purpose Room, Tucson Estates, 5900 West Western Way Circle, Tucson, Arizona. Mr. Portner addressed the people sitting in the public viewing area, reminding them that the NAC/CAC is a working committee, that the public is welcome to observe, but that their comments and questions must go through their respective NAC/CAC representative. He also informed the public that comment forms were available at the back table and had also been provided to each of the CAC members, in electronic format, for distribution as they saw fit.

Mr. Portner then addressed the Committee and thanked them for their attendance. He explained that the NAC/CAC meeting date was postponed from July 18 to July 25, 2007, because some of the information related to the noise-impact analysis

had not been fully finalized in time for the original July 18 date. He then introduced the project team members and consultants that were present, as well as the representatives from Sound Solutions Acoustical Consulting, who had completed the noise analysis and attendant field measurements.

II. Meeting Summary Review:

No revisions, edits or questions were raised by the Committee members regarding the draft meeting summary that had been prepared and distributed for the prior June 27, 2007, NAC/CAC meeting. Mr. Portner therefore stated that the draft meeting summary for June 27, 2007, would formally constitute the final meeting summary.

III. General Project Status Update:

Ms. Keri Silvyn discussed the general status of the project and, more specifically, the 404 Permit required by the U.S. Army Corps of Engineers ("USACE"). She said that there are on-going discussions regarding drainage that still need to be resolved with the USACE before the 404 Permit will be issued. The project team is actively working with the USACE to satisfy these permit requirements. Construction cannot begin until the 404 process is complete. At this time, the team anticipates construction (utility relocation on Kinney Road, specifically) being underway in Fall 2007. Ms. Silvyn reported that road construction would begin on Kinney Road once the utility relocation is complete and once the Board of Supervisors has approved the related EAMR. Ms. Silvyn reminded the Committee that the shopping center cannot open until the road work is complete.

IV. Report on the Open House of July 11, 2007:

Ms. Angela Stith gave a report on the Open House conducted on July 11, 2007. She referenced the Project Fact Sheet (attached) that was handed out at the Open House and offered additional copies to the group. She further told the Committee members that the Open House was a success, with over 300 community residents attending. She received many comments from the community and has compiled those comments in a report. Any Committee member requesting a copy of the report should see Ms. Stith after today's meeting.

V. Substantive Issues:

Mr. Deron Lozano and Mr. Bill Holliday gave a presentation on the applicable noise regulations which applied to the project, as well as the existing and future noise conditions on Kinney Road that would result from the planned roadway improvement project. Mr. Lozano explained that noise is regulated by Pima County ordinance and that Pima County has adopted the EPA guidelines for noise assessment and the determination of mitigation requirements. Any noise level over 67 dBA (decibels) triggers noise mitigation, as does any increase of 15 dBA or more above the existing condition. Mr. Lozano then explained the data collection process. He described the collection of data from eleven (11) individual locations on three (3) separate days. He stressed that the data was collected at the peak traffic

hours of 6-8 AM and 4-6 PM during the month of May 2007. During this period, winter visitors had not yet left the area and all public schools were still in session. Using visual aids mounted on presentation boards, Mr. Lozano and Mr. Holliday presented illustrations showing the location of the various noise-measurement instruments and explained how a predictive noise model was then developed, calibrated, and checked for accuracy. They explained that the projected traffic volumes embedded in the model included both cars and trucks. In calculating future noise conditions, they had used a very conservative projection, such that the model would report future dBAs that were, in fact, higher than those which would likely exist. They also discussed the use of rubberized asphalt as a noise-mitigation mechanism throughout the project, despite the fact that only a minimal number of locations actually were projected to be near or above the 67 dBA threshold. Adopted Pima County methodology incorporates the premise that rubberized asphalt reduces ambient noise levels by 3 dBA, which is considered a rather conservative figure. In conclusion, Messrs. Lozano and Holliday asserted that, based upon the projected noise levels and the project's use of rubberized asphalt, no further mitigation elements (e.g. noise walls) would be required with the project.

The CAC then asked a variety of questions regarding specific aspects of the noise measurement process and the future noise projections, all of which were answered by the consultant team or the pertinent Pima County representatives in attendance.

VI. Review of Master Schedule:

Mr. Portner directed the Committee members to the Schedule of Upcoming meetings/Open House/Milestones sheet contained in their handouts (attached). Because of the 404 permit issue, he explained that the schedule had been modified such that the Executive Summary of the EAMR would be distributed slightly later than originally planned and that, ultimately, the full EAMR would now go to the Board of Supervisors (BOS) in mid-November instead of mid-October. He also explained that, as a result, the Committee would actually have more time to develop and refine its formal letter of recommendation to the BOS on the EAMR.

VII. Project Questions Received and Documented to Date:

Ms. Stith directed the Committee members to the "Ajo/Kinney Improvement Project Inquiries to Date" report contained in their handouts (attached). She said that the questions were consolidated so that there was limited duplication of similar inquiries. The report format identifies the Discipline, Date, Origin, Issue, Status, and the particular Team Member designated to provide an answer/response. Mr. Portner recommended that the Committee keep this as an ongoing agenda item, since the report would continually be updated to reflect newly-received inquiries. The Committee members agreed. Mr. Portner further encouraged the Committee members to review the report and, at subsequent meetings, bring forth any individual items they felt merited Committee discussion. He also asked the members to continue to collect and submit comments, questions, and inquiries that they might individually receive from their respective memberships. Ms. Stith

informed the Committee members that ongoing and updated roadway information is posted on the Pima County DOT project website, www.roadprojects.pima.gov. People with questions may also contact Pima County's project information line at 792-0737.

VIII. Committee Questions and Comments:

Mr. Portner opened the floor to any Committee questions of import. The following were questions were raised:

Can utility relocation occur before Pima County Board of Supervisors (BOS) EAMR approval?

Ms. Silvyn said that utility relocation can and will occur before BOS approval. She added that utility relocation can also begin before the USACE drainage issue is resolved. Ms. Silvyn informed the Committee that no project-related grading in the area would be authorized before BOS approval.

How do you pick the testing/measurement locations for the noise study?

Sites with the greatest amount of noise generation were selected as testing locations. Many of the sites selected were intersections. These locations are graphically shown on the presentation boards.

Why doesn't the roadway noise information, as illustrated on your presentation board, go all the way to Western Way?

The illustrations only depict areas within the project boundaries. The area of Kinney Road near Western Way is outside the project area. Mr. Goff added that a separate noise study would be conducted when/if the planning for the road segment of Kinney Road to Western Way became reality. Mr. Goff was not aware of any start date for that project.

How did you determine the dBAs reported and the projected increase due to the road improvements?

The dBA determination was the result of actual field-data collection throughout the roadway corridor. A computer model was then used to project the dBAs at surrounding sites based upon future traffic counts. Future noise dBA levels were projected using factors that included projected commercial development in the area as well as further residential development projected through the Year 2030. The future dBAs were calculated based on standard roadway asphalt, not rubberized asphalt. An adjustment was then made for the reduction which would result from the use of rubberized asphalt pavement

Will there be a follow-up (i.e. post-construction) noise study to confirm that the noise mitigation is effective and that the "projected" noise levels are accurate?

Mr. Goff said that there was no such follow up study, i.e. Pima County ordinance requirements do not stipulate post-construction evaluations.

It looks like the realignment of Sarasota and Bopp only moved the existing noise level from the existing intersection to the new Kinney/Bopp intersection. Is that true?

Essentially, yes, but with the significant note that the projected level is still beneath the threshold for any mitigation requirements beyond the rubberized asphalt. Furthermore, the realignment of the intersection will materially increase safety for drivers entering and exiting Kinney Road.

Are there other noises included in the dBA rate as recorded on the illustrations?

Only traffic-related noise generators are used in the dBA determinations.

With the rubberized asphalt, how are potholes repaired?

Mr. Goff said that the reporting of potholes for rubberized asphalt is the same as for any other roadway, but that patching a rubberized surface is more difficult than a traditional asphalt roadway. Mr. Goff also said, however, that all pavement cuts (including utility cuts) are prohibited for the first five (5) years after the construction of any new public arterial roadway. Mr. Goff discussed recent rubberized asphalt road projects on Swan Road and an ADOT project for I-10. He spoke about the benefits achieved there and how the rubberized pavement has reduced noise levels at these projects by 8dBA and 10dBA.

The sign at the shopping center has changed. Does that mean Donahue Schriber is accepting tenants?

Ms. Silvyn said that, until a firm shopping center grand-opening date is established, they cannot firm-up shopping center tenants. However, interest from prospective tenants is always welcome.

IX. Adjournment:

Mr. Portner indicated that, as always, a summary of this meeting would be prepared and distributed to the Committee and that, given the great interest in the community regarding the noise analysis and mitigation elements, the Committee members could disseminate the summary to their constituents at their discretion. Mr. Portner then asked if there were any further questions or comments for discussion. Hearing none, he thanked the Committee for their time and adjourned the meeting at 7:05 PM.