![Pima County Transportation logo]

PIMA COUNTY TRANSPORTATION ADVISORY COMMITTEE

SUBCOMMITTEE MEETING

Pima County Department of Transportation
Safety Conference Room
1313 S. Mission Road, Tucson, Arizona 85713
November 22, 2019
9:00 A.M. **-** 11:00 A.M.

Subcommittee Members Present: Albert Letzkus, Kendall Elmer, Lucretia Free, Edwin Verburg, and John Bernal.

PCTAC Members Present: Curtis Lueck

Others Present: Carmine DeBonis Jr., (Deputy County Administrator-Public Works), Yves Khawam (Assistant County Administrator-Public Works), Ana Olivares (PCDOT), Jim Cunningham (PCDOT) Kathryn Skinner (PCDOT), Annabelle Valenzuela (PCDOT), Rich Franz-Under (PCDOT), Robert Lane (PCDOT), John Olivas (PCDOT) La Tasha Parker (PCDOT), Priscilla Molina (PCDOT) and Jessica De La Ossa (PCDOT)

1. **Call to Order - Roll Call -** *John Bernal, Subcommittee Chair,* (Part 1 - 03:32)
    Chair Bernal calls the meeting to order at 9:00 A.M. Ms. Parker takes roll call and a quorum is present.

2. **Pledge of Allegiance -** *John Bernal, Subcommittee Chair,* (Part 1 - 03:53)

3. **Action: Approval of Meeting Summary for October 16, 2019 -** *John Bernal, Subcommittee Chair,* (Part 1 - 05:17)
    Ms. Free makes motion to approve meeting minutes and Mr. Elmer seconds. Motion passes unanimously.

4. **Survey Data Discussion -** *Annabelle Valenzuela, PCDOT* (Part 1 - 05:43)
    a. Survey Data Results
    b. Criteria Discussion
    c. Recommendation to PCTAC

Ms. Valenzuela stated the County received approximately 2488 responses from the survey between September 16th to November 18th. Ms. Valenzuela and the subcommittee reviewed the survey responses. Responses by zip code were displayed on a map with a legend for worst first, date of last treatment and consideration of non-vehicular use. Survey Monkey was used to display a word cloud. The larger the font appeared in the word cloud was a correlation to the frequency the word was mentioned in the survey.

Mr. Verburg stated that he reviewed a 20% sample of the respondents with content analysis. Content analysis is a research tool to determine the presence of certain words, themes, or concepts using qualitative data. Using content analysis, researchers can quantify and analyze the presence, meaning and relationship of certain words, themes, or concepts. Researchers can then make inferences about the messages within the texts, the writer, and audience. Mr. Verburg looked for different themes and found seven or eight categories running through the responses. Three of the prominent responses were repair worst first, date of last treatment and consideration of non-vehicular use.

Chair Free stated she read the respondents comments and while many advocated for repair of specific roads other words that she noticed were patching repairs, Band-Aid, streets/road closures, and how streets indicate the quality of the neighborhood.

Mr. Elmer examined the data and found that road conditions and safety was viewed as important. He categorized the responses into themes, which included condition of roads, age of road, date of last treatment, traffic volume, safety, flooding, non-vehicular use and vehicle damage. Mr. Elmer concluded his take away from the survey was repair worst roads first.

Mr. Franz-Under discussed the road list schedule moving forward. Pima County Transportation Advisory Committee (PCTAC) shall approve criteria and complete data prep in December. Data uploaded to StreetSaver in January and various scenarios will be tested for functionality. Bid packages for road list preparation to be submitted to PCTAC and Board of Supervisors (BOS) March through April and the FY21 bid packages to procurement in May.

Discussions were had regarding what budgetary split between local, arterial and collector roads will accomplish a Pavement Condition Index (PCI) of 80 by year 2030. The Return on Investment (ROI) comparison for local and arterial/collector 66/34 basic budget split for $530M fluctuates between local distribution scenarios (i.e., equal, percentage of local or failed and no filter). Note that applying any criteria detracts from the ROI.

MOTION by Edwin Verburg and Lucretia Free, (Part 3 - 29:18)

Mr. Verburg made a motion that the subcommittee adopt the secondary criteria for road repair. The motion is seconded (inaudible). Motion passes unanimously.

Ms. Free made a motion to approve the local road overall process to recommend to the committee. The motion is seconded (inaudible). Motion passes unanimously.

1. Basic Budget Split of 66% to Local roads and 34% to Arterial/Collector Roads
2. Complete StreetSaver Data Upload (1/15/20)
3. Run StreetSaver needs calculation and export road list
4. In Excel or alternate, rank list of all roads segments form worse to best
    a. Primary ranking criterion: Pavement Condition Index (PCI)
    b. Secondary ranking criterion for road with same PCI:
        i. Safety (school crosswalk and sidewalks)

    ii. Volume (density)
5. Load list into bid analysis App
6. Select roads:
  a. Select Worse ranked road segment from list in bid analysis App
  b. Select all surrounding subdivision or contiguous road segments in failed status (failed is PCI of 24 or less -- see of PCTAC wish to include segments of up to PCI 38 which is half was through "poor").
  c. Once all qualifying road segments have been selected, select the next worse road on ranked list and repeat step 6
  d. When budget is too small to elect the next qualifying worse road on the ranked list and associated subdivision/contiguous segments, then skip that worse road and go to the nest worse road on the ranked list
  e. Repeat 6d until budget remnant is too small to qualify subdivision and transfer budget balance to contingency

5. **Call to the Audience -** *(Part 3 - 30:48)*
No constituents spoke at this meeting.

6. **Future Meeting Schedule -** *(Part 3 - 31:55)*
The next tentative meeting is Friday, January 17, 2020.

7. **Adjournment -** *John Bernal*, *Subcommittee Chair, (Part 3 - 32:10)*
No motion was made to adjourn. Meeting ended at 11:00 A.M.