



**TOWN OF MIAMI  
Wastewater Advisory Board Meeting  
Wastewater Collection System Replacement Project**

**THURSDAY, AUGUST 24, 2017 AT 4:00 PM**  
MIAMI TOWN COUNCIL CHAMBERS  
500 W SULLIVAN STREET, MIAMI, ARIZONA 85539

**Meeting Minutes**

**I. Call to Order**

Meeting was called to order at 4:00 pm by Jay Spehar.

**II. Roll Call**

PRESENT: Jay Spehar, Don Reiman, John Trujillo

ABSENT: Ray Webb, Jerry Barnes

**III. Approval of Minutes**

a. Approval of Minutes from the June 22, 2017 Meeting.

- John Trujillo motioned to approve the minutes of the June 22, 2017 meeting. Motion was seconded by Don Reiman – All in favor.

b. Approval of Minutes from the August 11, 2017 Work Session.

- John Trujillo motioned to approve the minutes of the August 11, 2017 work session. Motion was seconded by Don Reiman – All in favor.

**IV. Report on Wastewater Items and Approvals from Recent Town Council Meeting**

- Joe Heatherly noted that the WWAB did not meet in July so only the Town's Pay App for reimbursements was recommend for approval to Town Council, and the Town Council approved. AMEC's Pay App was not passed on with recommendation for approval.

**V. New Business**

**a. Project Status Update**

Mark Ipson with HILGARTWILSON provided a project update.

- Phase 2 Construction:
  - Mark Ipson explained that Phase 2 was discussed in detail in the previous work session held on August 11, 2017 and therefore, there are not many additional Phase 2 updates at this time, other than a reminder about the outstanding sinkhole issues.
  - It was reported at a recent advisory board meeting that the Town would contract with Peterson Geotechnical for additional geotechnical evaluations of

the Phase 2 work. Joe Heatherly reported that this work has now been completed. Dale Metz provided an overview of the geotechnical evaluation performed by Peterson Geotechnical. Preliminary results of this investigation are similar to the results observed in the previous analysis, in that the first 4-5 feet of fill were found to be well compacted, but that the compaction decreases to 80-85% below that. The final report from Peterson is anticipated to be received in the next couple of weeks. Jay Spehar asked how deep the investigation went, and Dale Metz replied that it went down to the sewer main, anywhere from 6-12 feet deep, depending on the sewer depth at a given location. Additional discussion was held about the geotechnical investigation and the results observed.

- Joe Heatherly stated that a lawsuit was filed by the Town of Miami on August 22, 2017 in Gila County against Kinkaid Civil Construction and their surety company for the deficient work in Phase 2.
- Phases 3-5:
  - Mark Ipson gave an overview of the pre-construction tasks that are currently underway for Phases 3-5. The Phase 3-5 plans were submitted to ADEQ in a total of 20 submittals. ADEQ has reviewed and approved all of the Phase 3 and 4 plans, and has almost completed their review of the Phase 5 plans. The plans were also submitted to USDA for review, and it is anticipated that USDA should finish their review within the next week or so. Along with USDA, the Town and HILGARTWILSON have also been reviewing the revised plans and have compiled comments relating to callouts and typos that should be addressed. These comments will be given to AMEC at the same time that the USDA comments are provided so that AMEC only has to make one more set of revisions to the plans.
  - The potholing and utility coordination work continues to move forward. Arizona Water Company and Southwest Gas have been out in the field potholing and locating their utilities. The Town and HILGARTWILSON have also met with the utilities on several occasions to coordinate this work. AMEC's field survey crew has been collecting survey shots for the potholes to incorporate this information into the updated plans.
  - Steve Flinn of HILGARTWILSON and Dale Metz walked the streets for Phase 3-5 to identify which streets should have "T-Top" pavement replacement and which should have full width replacement. As part of this evaluation, Steve noted that previous utility trenching resulted in varied pavement replacement and suggested that the Town formally adopt a set of standards, such as the MAG Standard Specifications, to be used for all future pavement repairs by other utilities. Joe Heatherly noted that the Town has already adopted MAG Standard Specifications, so future work will need to conform to those specifications.
  - John Trujillo asked about the status of the outstanding easements for Phases 3-5. Dale Metz reported that the Town is still working on obtaining the easements and have received the needed legal descriptions from AMEC and has also received the needed title reports. Dale explained that the next steps will be to prepare the easement documents and present them to the landowners for signature. Dale suspects that a majority of the easements should be relatively easy to obtain. Additional discussion was held regarding the remaining easements and the processes to obtain them.
  - Mark Ipson gave an overview of the pavement recommendations for Phases 3-5 based on the Town's and Steve Flinn's site walk and observations. Maps depicting which streets were good candidates for "T-Top" repair, full-width

replacement, and native backfill were provided for each phase. The bid schedule will also have two additional line items for chip seal as an add alternate to “T-Top” repairs and native repairs in certain areas of Town. Additional discussion was held regarding the pavement replacement methods and which parts of the Town have private roads where no pavement replacement is anticipated. The WWAB recommended that the plans identify areas where a single chip would suffice and where a double chip seal may be needed.

- Mark Ipson summarized the current schedule for Phases 3-5. USDA and ADEQ should have their reviews of the Phase 3-5 plans completed and comments ready by the end of August. Once the comments are received, AMEC will revise the plans to address the review comments, and will resubmit the plans for final review and approval. Assuming the review comments are provided in a timely manner, the plans are anticipated to be approved around the end of September. The plans will then be out to bid around the beginning of October, with a notice to proceed issued at the end of November. John Trujillo asked if the schedule would be affected by the amount of time it takes to obtain all the necessary easements. Mark replied that it would be affected because USDA has stated that the project cannot go out to bid until all the easements are obtained. Additional discussion was held regarding the project schedule, whether soft costs would be affected by a delayed schedule, and the anticipated date for getting all easements in place.
- Mark Ipson gave a brief overview of the project budget, which has not changed significantly since the meeting held on August 11, 2017. The only item that was added into the budget was the additional Town of Miami expenditures that have accrued over the past month. Mark noted that the budget still shows projected costs for the Phase 3-5 construction that are based on the full-width pavement replacement as currently called out on AMEC’s plans. The pavement costs were recently evaluated by HILGARTWILSON based on the modified pavement replacement recommendations identified by the Town and HILGARTWILSON, and the modified pavement replacement recommendations are anticipated to result in approximately \$600k in cost savings. Additional discussion was held regarding the project budget.

#### **b. Payment Applications**

- AMEC’s payment application in the amount of \$11,510.44 for two months of design and Phase 2 services was reviewed and discussed. Joe Heatherly explained that if this pay application is paid, then this will nearly complete AMEC’s contract for the entire project. Due to the number of issues experienced in the past couple of months, along with getting the Phase 3-5 plans completed and in an acceptable manner for bid packages, Joe Heatherly suggested that AMEC’s pay application be tabled until they complete their remaining work. Additional discussion was held regarding AMEC’s remaining budget amount and a list of items that are still outstanding. Additional discussion was held regarding whether or not the WWAB should recommend to Council that AMEC’s pay application be approved at this time. A motion was made by John Trujillo to recommend to Council the approval of AMEC’s pay application in the amount of \$11,510.44, subject to funding agency concurrence. Don Reiman seconded the motion. All in favor.
- Town of Miami’s payment application in the amount of \$36,203.18 for legal, easement support, Phase 3-5 construction management services, and other project-related

expenses was reviewed and discussed. Joe Heatherly explained that most of the expenses are for legal fees, Peterson Geotechnical's investigational work of Phase 2, and HILGARTWILSON's construction management services for Phases 3-5. Additional discussion was held regarding HILGARTWILSON's invoice and the construction management work for the pre-construction phase of the Phase 3-5 improvements. A motion was made by John Trujillo to recommend to Council the approval of the Town of Miami pay application in the amount of \$36,203.18, subject to funding agency concurrence. Don Reiman seconded the motion. All in favor.

**c. Public Comment on the operation, financing, and construction of the sewer project**

- No public comments were given.

**VI. Adjournment:**

- Don Reiman motioned to adjourn the meeting. Seconded by John Trujillo. All in favor. The meeting was adjourned at 5:22 pm.