



BOARD OF SUPERVISORS AGENDA ITEM REPORT

Requested Board Meeting Date: 1/18/2022

*= Mandatory, information must be provided

Click or tap the boxes to enter text. If not applicable, indicate "N/A".

***Title:**

Regional Wastewater Reclamation Department is proposing revisions and requesting approval and adoption, by reference, to the "Engineering Design Standards 2022" and "Standard Specifications and Details for Construction 2022".

***Introduction/Background:**

RWRD proposes to update two Board-adopted reference documents RWRD uses to specify the method to design and construct sewer improvements.

***Discussion:**

The Regional Wastewater Reclamation Department (RWRD) is proposing revisions and requesting approval and adoption, by reference, of the "Engineering Design Standards 2022" and "Standard Specifications and Details for Construction 2022".

***Conclusion:**

The proposed changes will incorporate, by reference, the updated Engineering Design Standards and the Standard Specifications and Details for Construction, thereby further streamlining the processes for sewer improvement plan design, reviews, and construction.

***Recommendation:**

Recommend approval of the documents entitled "Engineering Design Standards 2022" and "Standard Specifications and Details for Construction 2022" as the minimum standards acceptable for the design and construction of all sanitary sewer facilities, which are to be incorporated into the county sewerage system. The Director is authorized to issue Department directives to modify provisions of these reference documents as may be necessary for the proper design or construction of the county sewerage system. The document are available on line at:

<https://webcms.pima.gov/cms/one.aspx?portalId=169&pageId=56988>

***Fiscal Impact:**

N/A

***Board of Supervisor District:**

1 2 3 4 5 All

Department: Regional Wastewater Reclamation Department Telephone: (520) 724-6500

Contact: Francisco Galindo, P.E., Sanitary Engineering Manager Telephone: (520) 724-6733

Department Director Signature: Date: 12/29/21

Deputy County Administrator Signature: For C.D. Date: 12/29/2021

County Administrator Signature: Date: 12/29/2021

PIMA COUNTY CLERK OF BOARD OF SUPERVISORS



WASTEWATER RECLAMATION
201 NORTH STONE AVENUE
TUCSON, ARIZONA 85701-1207

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JACKSON JENKINS
DIRECTOR

December 21, 2021

TO: Jan Leshar, Acting County Administrator
THRU: Carmine DeBonis, Jr., Deputy County Administrator for Public Works
FROM: Jackson Jenkins, Director, RWRD 
SUBJECT: Proposed RWRD Engineering Design Standards 2022 and RWRD Standard Specifications and Details for Construction 2022

The Regional Wastewater Reclamation Department (RWRD) is proposing revisions and requesting approval and adoption, by reference, of the RWRD "Engineering Design Standards 2022" and the "Standard Specifications and Details for Construction 2022". The proposed changes will incorporate, by reference, the updated Engineering Design Standards and the Standard Specifications and Details for Constructions, thereby further streamlining the processes for sewer improvement plan design, reviews, and construction.

These revisions simplify and clarify the requirements of the Sewer General Notes, new RWRD Standard Details, revisions to scour detail, and minor editing of the 2016 Pima County RWRD Engineering Design Standards. The Pima County RWRD Standards Committee, comprised of members of the engineering and construction community, and County staff diligently worked on the revisions as part of their annual work plan.

The Pima County Regional Wastewater Reclamation Department (PCRWRD) is requesting a public review of the Pima County Regional Wastewater Reclamation Department "Engineering Design Standards 2022" and the "Specifications and Details for Construction 2022".

- There are no fee items included in the Standards.

Stakeholder outreach included:

- Presentation on Tuesday, September 21, 2021 at the Southern Arizona Home Builders Association (SAHBA) Technical Meeting
- Presentation on Thursday, October 28, 2021 at the Regional Wastewater Reclamation Advisory Committee (RWRAC) Monthly Meeting

Letters of support received from the Southern Arizona Home Builders Association (SAHBA) and Metropolitan Pima Alliance (MPA).

Attachments:

BOS- AIR for Proposed revisions to approving and adopting, by reference, the Regional Wastewater Reclamation Department "Engineering Design Standards 2022" and the "Standard Specifications and Details for Construction 2022"

Letter of Support from Southern Arizona Home Builders Association (SAHBA)

Letter of Support from Metropolitan Pima Alliance (MPA)

The Daily Territorial Public Notice

RWRD Engineering Design Standards 2022 (clean and redlined in MSWord)

RWRD Standard Specifications and Details for Construction 2022 (clean and redlined in MSWord)



**Southern Arizona
Home Builders
Association**

2840 N. Country Club Rd.
Tucson, AZ 85716
P: 520.795.5114
F: 520.326.8665
www.sahba.org

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David M. Godlewski

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Chairman

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Lennar

1st Vice Chairman

Michael Del Castillo
Richmond American
Homes

2nd Vice Chairman

Andrew Hayes
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Brent Davis
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Immediate Past Chair

John Ward
Western Vista
Development

Affiliated With



December 17, 2021

Hon. Sharon Bronson
Pima County Board of Supervisors
130 W Congress St. 5th floor
Tucson, AZ 85716

Dear Chair Bronson,

The Southern Arizona Home Builders Association (SAHBA) and its members appreciate the continued collaboration with RWRD staff in the periodic review and update of the Engineering Design Standards Manual. RWRD staff has been proactive in its outreach with the industry and open to receiving input.

The industry is hopeful this update will result in a more efficient and easier to implement manual. Additionally, this update should reduce construction costs for the private sector as well as maintenance costs for Pima County. As such, we request your support for the adoption of the Engineering Design Standards 2022 and Specifications/Standard Details.

We would encourage the Board of Supervisors to direct RWRD staff to continue working with the industry to identify policy and process enhancements which facilitate new home construction and maximize resources for the Department.

Thank you in advance for your support.

Sincerely,

Shawn Cote

cc: Honorable Pima County Board of Supervisors, Mr. Carmine DeBonis, Jr., Mr. Jackson Jenkins



Metropolitan Pima Alliance

Caption

December 20, 2021

The Honorable Sharon Bronson
Chair of the Board
Pima County
130 W. Congress Street 11th Floor
Tucson, Arizona 85701

RE: Regional Wastewater Reclamation Department Engineering Design Standards,
Specifications and Details for Construction Manual

Chairman Bronson,

Metropolitan Pima Alliance (MPA) is pleased to support the proposed update to the engineering design standards, specifications and details for construction manual. The staff who worked on this updated have spent a significant amount of time both soliciting input from the stakeholders and implementing the feedback that they received. We appreciate being involved in the process and look forward to the positive impacts that the adoption of the proposed manual will have on the land use and development industry.

Again, we appreciate the willingness of staff to collaborate on this manual update.

Sincerely,

Allyson Solomon
Executive Director
Metropolitan Pima Alliance



Notice of Hearing

Published in Daily Territorial (Tucson) on December 17, 2021

Location

Pima County, Arizona

Notice Text

PUBLIC NOTICE

THE PIMA COUNTY REGIONAL WASTEWATER RECLAMATION DEPARTMENT INVITES YOU TO A PUBLIC REVIEW OF THE REVISED ENGINEERING DESIGN STANDARDS

The Pima County Regional Wastewater Reclamation Department (RWRD) is considering revisions to the Pima County Regional Wastewater Reclamation Department Engineering Design Standards 2016 and the Pima County Regional Wastewater Reclamation Department Standard Specifications and Details for Construction 2016. These documents are currently adopted by reference at Pima County Code Section 13.16.010 and 13.16.020.

The RWRD Standards Committee comprised of members of the engineering development community and County staff members have reviewed and approved approximately 206 updates and improvements to be incorporated in the 2022 documents. Some of the revisions are minor such as scrivener errors and inconsistent language, clarifications, and others are more substantial, such as the dedication language for sewer easements.

RWRD will present the proposed changes to the documents at the January 18, 2022 Pima County Board of Supervisors meeting.

A copy of the proposed documents are available online at the County's webpage at

> <https://webcms.pima.gov/cms/one.aspx?portalId=169&pageId=56988>.

Due to COVID restrictions, hard copies are not available through the Pima County Regional Wastewater Reclamation Department.

Written comments concerning the proposed revisions to the referenced documents shall be submitted in writing to RWRD Design Manual@pima.gov or by mailing to Pima County Regional Wastewater Reclamation Department Attn: Francisco Galindo, P.E., Sanitary Engineering Manager 201 N. Stone Avenue, 3rd Floor Tucson, Arizona 85701.