



ENGINEERING & OPERATIONS DEPARTMENT

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TRANSPORTATION DESIGN BULLETIN 21-14

DATE: May 07, 2021

TO: County Director of Capital Programs Department,
County Manager of Construction Services,
Division Director of Transportation Maintenance,
County Project Managers and Project Engineers of Records

FROM: County Engineer,
County Director of Engineering & Operations Department,
County Director of Technical Services Division,
County Manager of Transportation Services Section

COPIES: County Director of Geospatial & Land Acquisition Services Department

SUBJECT: **DESIGN DOCUMENTS REQUIRED FOR BRIDGE PLANS**

This bulletin identifies the required design documentation to be provided for review with all bridge design and bridge rehabilitation plan submittals.

REQUIREMENTS

The documents listed below are required to be submitted for review at each phase submittal when bridge plans are submitted and continue until the project is released for construction. If a document listed below is not applicable to the project, provide a note in the "Notes to Reviewers Sheet" explaining why the document is not applicable.

- Roadway and Bridge Plans
- Structural Calculations
- Geotechnical Report (This includes SPT borings, bearing capacity, and corrosivity tests)
- Bridge Hydraulics Report (This includes Scour Analysis)
- Drainage Report
- South Florida Water Management District (SFWMD) Preapplication Meeting Notes
- SFWMD Permit (This includes No Rise certification)
- Typical Section Package
- Notes to Reviewers Sheet
- Utility Coordination Documentation

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BACKGROUND

Bridge plan submittals have not always provided all the necessary documentation for plan submittals to perform a thorough review. This bulletin identifies all necessary documents.

IMPLEMENTATION

Effective Immediately.

CONTACT

Please use the email link below to address any questions or comments in reference to this Design Bulletin:

[PW-Standards Inquiry](#)

Recommended / Date:

Approved / Effective Date:

Leland Dicus, Professional Engineer
Technical Services Division Director

Michael J. Williams, Professional Engineer
County Engineer