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Financial Project Id: 446815-1-58-01 (D1)

Financial Project Description: SR 789 (GULF OF MEXICO DR) FROM CHANNEL PL TO LONGBOAT CLUB RD

Submittal Description: 446815-1-58-01. Reviewers this project has previously gone through ERC and ...

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Amy Setchell

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1. This comment does NOT require a written response from the Designers.

There is no anticipated contamination involvement on the Project. As stated in the submittal information, the designs were previously evaluated. At that time (October 2023), there was no anticipated involvement with contamination or hazardous materials based on a review of the plans with reference to the corridor. The changes to the median designs do not affect the previous evaluation, repeated herein.

Although potential contamination sources exist proximal to the Project Limits, the design is relatively shallow, with only one (1) subsurface feature installation being required to extend a portion of the drainage system. The only contamination source near this planned subgrade construction is the golf course; however, work is restricted to the current right-of-way at a location not directly adjacent to areas where "heavy" herbicide and pesticide applications would be expected. Thus, Level-II sampling of the soil and groundwater is unnecessary here or elsewhere on the Project.

⚠ There are sites present near the corridor that have open/active discharges along or near the corridor. The presence of these facilities can affect National Pollutant Discharge Elimination Systems (NPDES) dewatering efforts; however, based on the shallow scope of construction, there is no apparent reason that activity would be expected. Therefore, no contamination related NPDES coordination note is required for the plans.

Thank you.

This comment does NOT require a written response from the Designers.

Categories: CONTAMINATION

Status: COMMENT AGREED WITH

Assigned To:

Reference: No Anticipated Involvement
Created By: Christopher Forestt (LEAD REVIEWER)

Created Date: 4/8/2025

JOHN PARI CONSULTANT PM Acknowledged.
4/28/2025

2. Please confirm all sediment barriers will be located within the existing ROW.

Categories: ENVIRONMENTAL
MANAGEMENT OFF.

⚠ **Status:** RESPONSE SUBMITTED

Assigned To: Michael D Adams

Reference:

Created By: Michael D Adams (LEAD REVIEWER)

Created Date: 4/8/2025

JOHN PARI CONSULTANT PM Acknowledged.
4/28/2025

[Rescind](#)

3. Please provide drainage ditch calculations to ensure the additional pavement area runoff is contained in the proposed swales and right of way.

Categories: DRAINAGE

⚠ **Status:** RESPONSE SUBMITTED

Assigned To: Shayne Paynter

Reference:

Created By: Shayne Paynter (LEAD REVIEWER)

Created Date: 4/12/2025

JOHN PARI CONSULTANT PM C/A = 12.63 cfs
4/28/2025

$c=0.9$, $i=8.4$ in/hr, $A=1.67$ acre Areas = 21 ft lanes with stations adding up to 4547.62 ft.

Using the area of a Trapezoidal Channel: $A = h(b+T)/2$ Wetted Perimeter of a Trapezoidal Channel: $P = b + 2((T-b)/2)^2 + h^2)^{0.5}$

$T=10$, $b=3$, $h=1$ Manning's Open Channel Flow $Q = k/n * A * R^{0.666} * S^{0.5}$ (average bottom is 3ft and average top is 10ft) ($n = 0.03$ for weedy channel).

$A = 6.5$ $P = 10.28$, $R = 0.63$, $S = 0.004$ $R=A/P$ $Q = 15.04$ cfs

conclusions is that 12.63 cfs < 15.04 cfs (allowable) so this calculation shows that the proposed design allows for less flow output than what is existing design.

[Rescind](#)

4. In areas such as STA 272+00 to STA 275+00 RT, please ensure the impact of significant additional pavement runoff in combination with relatively flat or sloping away offsite terrain and no proposed swale do not increase offsite flows.

Categories: DRAINAGE

[Status:](#) RESPONSE SUBMITTED **Assigned To:** Shayne Paynter

Reference:

Created By: Shayne Paynter (LEAD REVIEWER)

Created Date: 4/12/2025

JOHN PARI CONSULTANT PM There are existing outfall structures that help with the potential runoff in the existing swales

[Rescind](#)

5. Due to this being on the SR, it should be treated as a Class A LAP job.

Categories: GEOTECH/MATERIALS

[Status:](#) RESPONSE SUBMITTED **Assigned To:** Mark Conley

Reference:

Created By: Mark Conley (LEAD REVIEWER)

Created Date: 4/14/2025

JOHN PARI CONSULTANT PM Acknowledged.

[Rescind](#)

6. 1.Add contact information for the signing and pavement markings EOR on key sheet. (S-1)

Categories: SIGNING AND MARKING

[Status:](#) RESPONSE SUBMITTED **Assigned To:** Swara Farheen

Reference:

Created By: Swara Farheen (REVIEWER)

Created Date: 4/15/2025

JOHN PARI CONSULTANT PM Please see sheet S-1 for updated plans to show EOR on key sheet

[Rescind](#)

7. 2.Add station numbers for the placement of bicycle pavement message on signing and pavement markings plan. (S-3 thru S-7)

Categories: SIGNING AND MARKING

[Status:](#) RESPONSE SUBMITTED **Assigned To:** Swara Farheen

Reference:

Created By: Swara Farheen (REVIEWER)

Created Date: 4/15/2025

JOHN PARI CONSULTANT PM Plans have been updated to show the station numbers with the placement of the bicycle pavement marking and messages.

[Rescind](#)

8. 3. The name of EOR on key sheet is different than the name on title block box.

Categories: SIGNING AND MARKING

[Status:](#) RESPONSE SUBMITTED **Assigned To:** Swara Farheen

Reference:

Created By: Swara Farheen (REVIEWER)

Created Date: 4/15/2025

JOHN PARI CONSULTANT PM The name on the key sheet and the title block box have been updated to match.

[Rescind](#)

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