



1. Project Name: Rota SBH
2. Date of Inspection: January 28, 2004
3. Inspection Personnel:

	<u>Name</u>	<u>Agency/Office</u>	<u>Telephone No.</u>
a.	Dan Meyers	COE	438-8875
b.	Paula Shimata	COE	438-7030
c.	Ben Manglona	CPA	670-523-9497
			<u>C 670-286-5882</u>

4. Discussion:

The Revetted mole is approximately 535 LF. The overall condition of the project is poor. There has been some on-going deterioration, at Sta. 1+80, (1st Set of Culverts) and Sta. 2+70, (2nd Set of Culverts) which was damaged during Typhoon Pongsona. Additional deterioration has occurred since the June 5, 2003 inspection. Repairs are required to ensure the continuing functionality of the structure.

All photographs were taken on January 28, 2004 unless otherwise noted.

Revetted Mole - 535 LF:



Deficiencies and notes as follows:



a. Sta. 0+60 to Sta. 0+90, Reset sideslope.



b. Sta. 0+98, OS, 1 ea. Repair/Replace dislodged armor stone and void.



c. Sta. 1+45, Reset dislodged armor stone.



d. Sta. 1+66 (20LF) HS, missing armor stones and void approx. 1/3 of the sideslope.



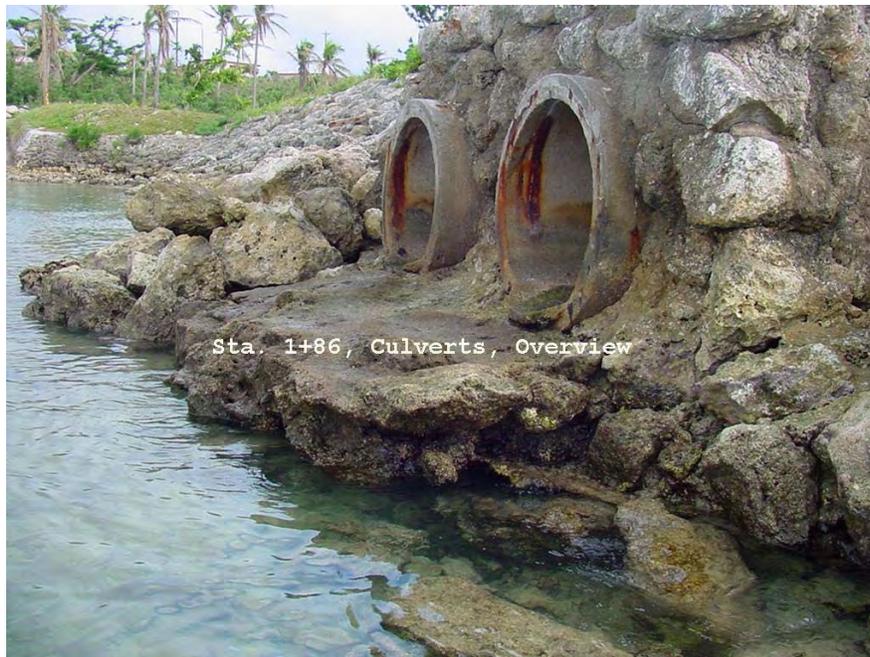
e. Sta. 1+66, Possible undermining of apron (FY03 photo)



f. Sta. 1+66, Same as Above (FY03 photo)



g. Sta. 1+86, Worsening of erosion/undermining beneath splash apron.



h. Sta. 1+86, Worsening of erosion/undermining beneath splash apron (FY03 photo).



i. Sta. 1+90, Overview of potholes needing repair.



j. Sta. 2+00, Overview of vegetation to be removed and potholes to be fixed.



k. Sta. 2+06, (20LF) HS, missing armor stones and void approx. 1/3 of the sideslope (FY03 photo).



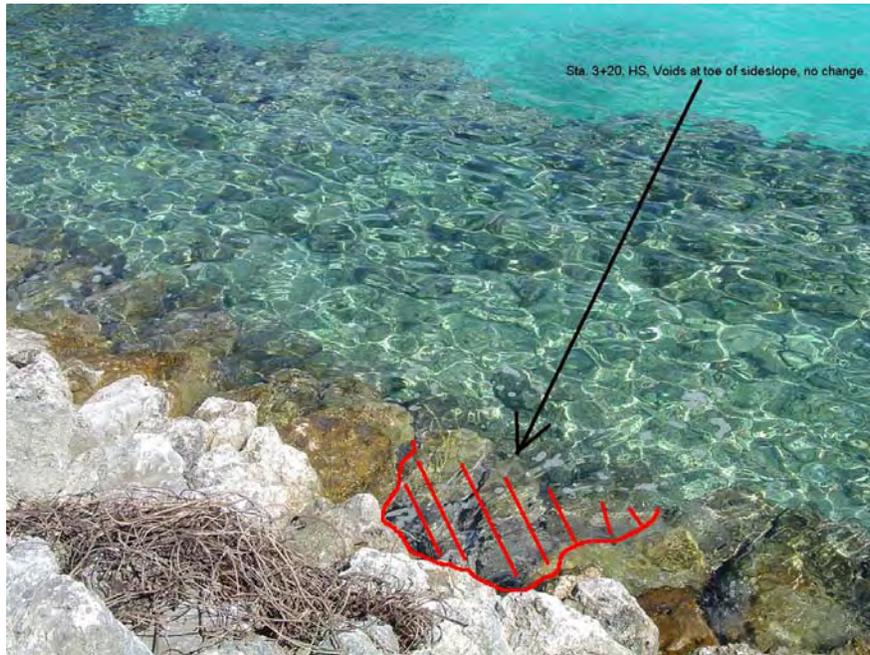
l. Sta. 2+66 - Sta. 2+86, HS, Reset armor stones on sideslope, repair concrete crack above culverts (FY03 photo).



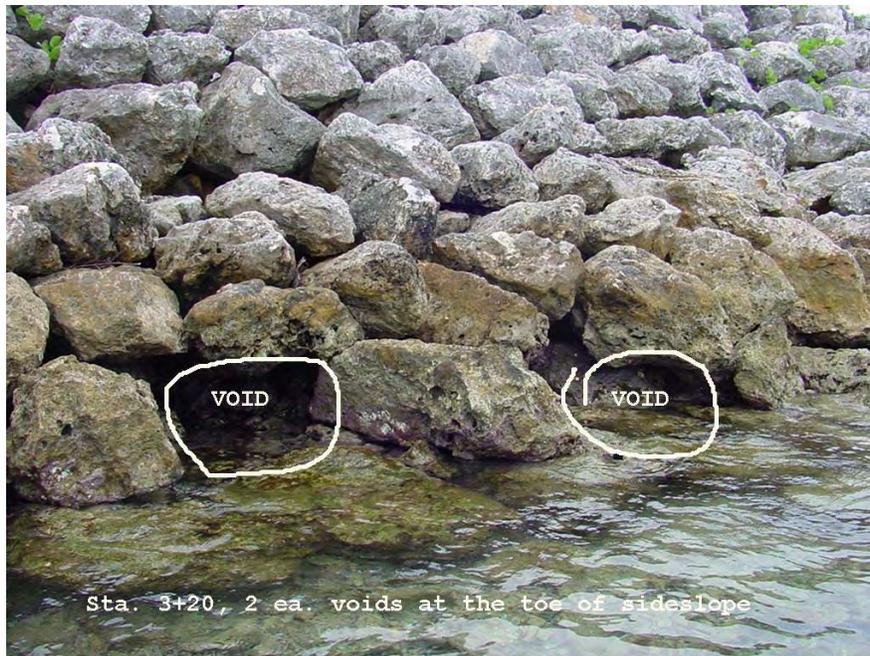
m. Sta. 2+70, HS, Repair broken culvert apron. Scour area is approximately 10' W x 3' D. Repair 10LF sideslope on both sides of the culvert.



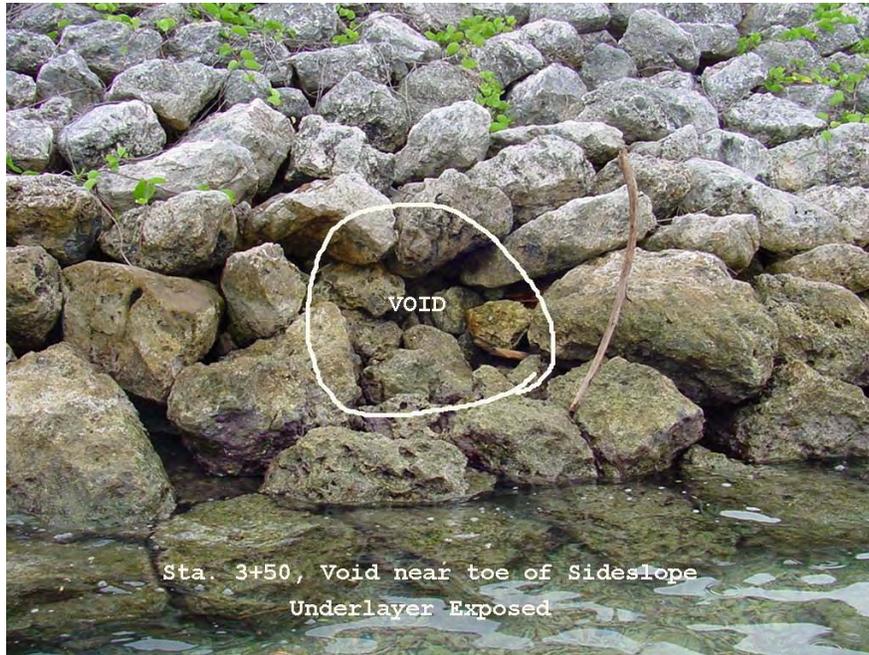
n. Sta. 2+70, HS, Same as above (FY03 photo)



o. Sta. 3+20, HS, Repair voids at the toe.



p. Sta. 3+20, HS, Same as above (FY03 photo)



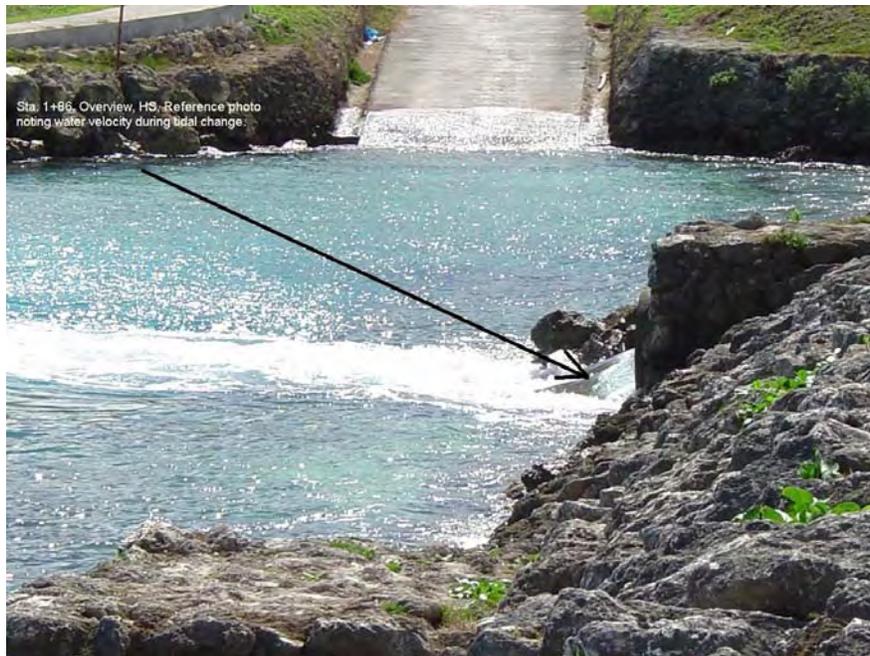
q. Sta. 3+50, HS, Repair void on sideslope (FY03 photo).



r. Sta. 3+54, HS, Settling / depression at hinge of sideslope.



s. Sta. 4+00 to Sta. 5+00, OS, Covered with vegetation. Typical ov vegetation to be removed in this area.



t. Sta. 1+86, HS, Overview, Reference photo noting water velocity during tidal change.



u. Sta. 4+55, OS, (FY03 reference photo).

5. Findings/Conclusions:

Ben Manglona, CPA stated that there was a build-up of silt material in the north-east corner of the turning basin adjacent to dock # 1. Repairs should be programmed as soon as possible as there was a noticeable change in the project from the previous inspection.

Signed: _____
Dan Meyers, CEPOH-EC-T

Signed: _____
Paula Shimata, P.E., CEPOH-EC-S

Project Index Map