



ECS Florida, LLC

13891 Jetport Loop, Suite 20
Fort Myers, FL 33913
(239) 236-7511 [Phone]
(407) 859-9599 [Fax]

LETTER OF TRANSMITTAL
CONCRETE, GROUT, AND MORTAR TESTS

ECS Florida, LLC
4524 N. 56th Street
Tampa, FL 33610

DATE: 10/28/2024
PROJECT: WB Santa Maria Seawall Monitoring
PERMIT #:

ATTN: David Bearce
PROJECT #: 60:1702-B
LOCATION: 7317 Estero Blvd, Fort Myers Beach, FL
Lee

We are enclosing:

X Materials Laboratory Reports: 1

CC:

By:


David C. Bearce, P.E., S.I.
Subsidiary Regional Manager




Jason D. Young, E.I.T.
Construction Materials Project Manager

Notes

1. This report (and any attachments) shall not be reproduced except in full without prior written approval of ECS.
2. The information in this report relates only to the sample test specimens obtained on the report date.
3. The primary purpose of this report is to present the laboratory test results for the indicated sample test specimens. For a full compliance evaluation of construction events that the specimens represent, this test report must be used in conjunction with the related field report.
4. Non-conforming test results will be recorded for future resolution.
5. If applicable, test results that do not meet the required strength levels at the specified acceptance ages are marked "LOW TEST RESULTS"



ECS Florida, LLC
 13891 Jetport Loop, Suite 20
 Fort Myers, FL 33913
 (239) 236-7511 [Phone]
 (407) 859-9599 [Fax]

Project Name: WB Santa Maria Seawall Monitoring
 Project Number: 60:1702-B
 Project Address: 7317 Estero Blvd, Fort Myers Beach, FL
 Report No.: 1
 Set Designation: A

Owner: Client: ECS Florida, LLC - David Bearce
 Arch.: Gen. Contr.:
 Struc. Eng.: Conc. Producer:

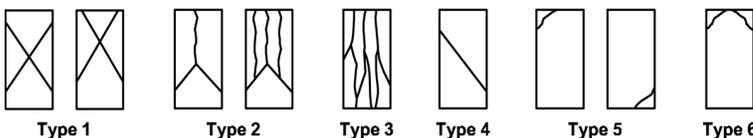
Placement Location: North east sea wall panels
 Approx. Location Set Represents: Sea wall panels in the corner of canal

Field Test Information				Field Test Results and Specifications		
Conc. Producer:	DarCole Products, Inc	Cast Date:	10/21/2024	Slump/Slump Flow:	Actual: 6.5 in.	Specified: 4-6 in.
Mix Designation:	FLFSG5KP7723	Time Batched:	9:31 AM	Air Content (%):	-	n/a % (N)
Mix Strength:	5000	Cast Time:	10:41 AM	Concrete Temp:	85 °F	55-95 °F
Design Strength:	5000	Final Placement Time:	10:58 AM	Fresh Unit Weight:	-	n/a pcf
Truck No.:	101	Sample Type:	4x8	Air Temp (°F):	85 °F	-
Ticket No.:	01	Acceptance Age:	28	Initial Curing Type:	Curing Tank	
Added Water:	-	Weather:	Sunny	Curing Conditions:	-	-
Time Water Added:		Temp:	90.0 °F			
Cast by:	Charles Hanley					

Concrete Strength Report Compression Test Results Information											
Sample #	Test Date	Test Age	Curing Type	Average Computed Diameter (in)	Avg. Cross-Sectional Area (in ²)	Breaking Load (lbs)	Rounded Compr. Str. (psi)	Brk. Type	Cap Type	Date to Lab	Lab Tech
60-1702-B-1-1	10/28/2024	7 Day(s)	Lab	4.00	12.57	50886	4050	3	U	10/22/2024	KW
2	11/18/2024	28 Day(s)	Lab						U	10/22/2024	
3	11/18/2024	28 Day(s)	Lab						U	10/22/2024	
4	11/18/2024	28 Day(s)	Lab						U	10/22/2024	
5	12/16/2024	56 Day(s)	Lab						U	10/22/2024	

Sampling in accordance with (iaw) ASTM C172. Cylinder molding and curing iaw C31, compressive strength test iaw C39, slump iaw C143 or Slump Flow iaw C1611, air content iaw C173 (V) or C231 (P), temperature iaw C1064, and unit fresh weight iaw C138. Cylinders denoted with Cap Type U are tested using unbonded caps iaw C1231; cylinders denoted with Cap Type B are tested using bonded caps iaw C617; and cylinders denoted with Cap Type N (none) meet the planeness requirements of C39 and are tested without caps. Break Types are classified as: Type 1, 2, 3, 4, 5 or 6 iaw C39. Unless otherwise indicated, information on Aggregate Correction Factor (ACF) and Final Set Time of the Mix Design was not provided by the Supplier; if an ACF was provided, the reported field test air content per C231 reflects the adjustment.

Schematic of Break Type Fracture patterns per Fig 2 of ASTM C39



MSzelest
 Print Date: 10/28/2024