

PACS Construction Laboratories and Testing Services

4560 West 34th Street, Suite J, Houston Texas 77092 Telephone: (713) 681-6606, Facsimile: (713) 681-6608

REPORT OF CEMENT STABILIZED BASE CURVE

PROJECT: Southern Crushed Concrete – Various Testing

Date: 5/22/2014

CLIENT: Southern Crushed Concrete

PACS PROJECT NO.: SCC2007

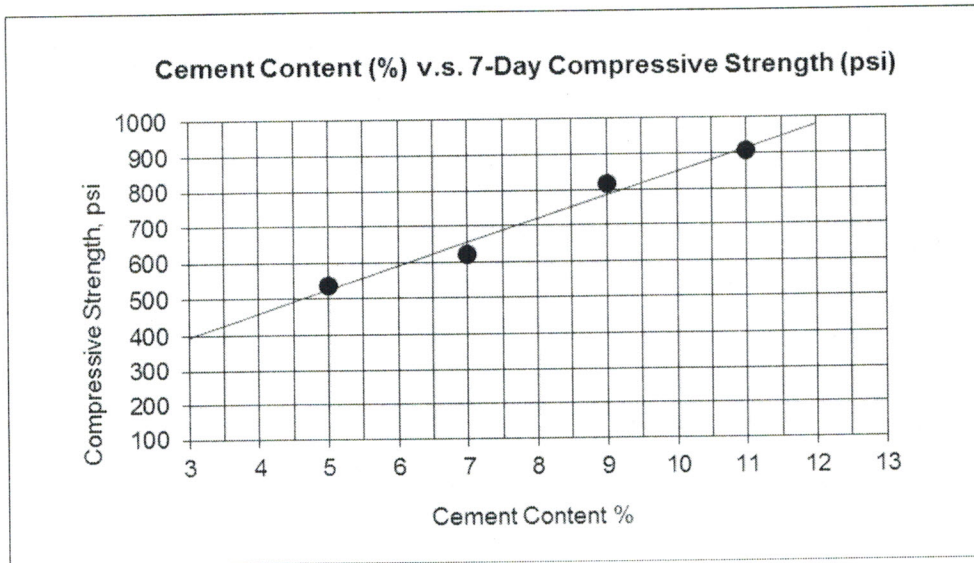
PACS REPORT NO.: SCC0936A

The material was sampled by:

TECHNICIAN: Edgar Mulato TIME –REGULAR HOURS: 4.0 Hrs. OVERTIME HOURS: 0.0 Hrs.

A representative for PACS Construction Laboratories and Testing Services (PACS) reported to the Southern Crushed Concrete Plant Facility #17 (Genoa Red Bluff Yard) located on 2070 Genoa Red Bluff Rd., Houston, Texas to sample recycled crushed concrete base material stockpiled and Portland Hydraulic Cement at the aforementioned location. One (1) sample of each product was obtained by the PACS representative and transported to the PACS laboratory facility in Houston, Texas.

The samples were blended at various cement contents. The cement-treated RCCB samples were tested for compressive strength properties. A graphic representation plotting the compressive strength as a function of cement content by dry unit weight for the various cement-treated RCCB was developed. This “strength curve” was developed in general accordance with Texas Department of Transportation (TxDOT) Test Procedure Tex-120-E “Soil-Cement Testing.” The results are presented below.



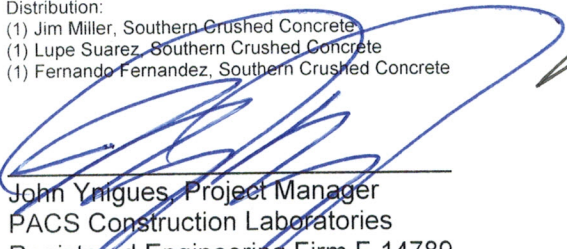
% Cement	7-Day Compressive Strength (psi)
5	538
7	621
9	817
11	906


If there are any questions regarding this report or if we can provide any additional information, please contact us at your convenience.

COMMENTS:

Distribution:

- (1) Jim Miller, Southern Crushed Concrete
- (1) Lupe Suarez, Southern Crushed Concrete
- (1) Fernando Fernandez, Southern Crushed Concrete


 John Ynigues, Project Manager
 PACS Construction Laboratories
 Registered Engineering Firm F-14789


 Frank M. Durham, P.E., M.ASCE
 PACS Construction Laboratories
 Registered Engineering Firm F-14789



Test results apply to the sample or samples tested which may or may not be indicative of the completed product. Letters and Reports are for the exclusive use of the client who has permission from PACS Construction Laboratories to distribute as necessary. Samples tested will be retained by the testing laboratory for 30 Days unless otherwise notified by the client. Report SCC0936A