



CONSTRUCTION CONSULTING & TESTING, INC.

TOLEDO OFFICE - 700 S. River Road Waterville, Ohio 43566 Ph.: (419) 878-7304
DETROIT OFFICE - 35410 Mound Rd. Sterling Hts., Michigan 48310 Ph.: (586) 795-2877

Client: Fort Wayne Contracting
300 E. Seven Mile
Detroit, MI 48203

Project: PW 7023

Date: December 7, 2020

CCT No.: 201-20085-3A

REPORT OF CONCRETE COMPRESSIVE STRENGTH

DATE OF POUR: 11/9/2020

LOCATION OF POUR: Structure Repair: Conner NB Lane 3 - North of Jefferson

SUPPLIER: SRM

TICKET NO.: 818108
MIX I.D.: P-NCOM

FIELD DATA: Set 1 of 1

DATE: 11/9/2020
BATCH TIME: 2:14 PM
TEST TIME: 3:14 PM
AIR CONTENT (%): 5.6%
SLUMP (in.): 4 1/2
CONC. TEMP. (F): 67
AIR TEMP. (F): 70
UNIT WT. (pcf): ---
MOLDED BY: CCT

***Testing conforms to ASTM C 172, C 231, C 143, C 1064, C 138, C 31, & C 39/C 39M

LAB NO.	BREAK DATE	AGE (days)	DIA. (in)	AREA (sq. in.)	LOAD (lbs)	COMPRESSIVE STRENGTH (psi)	TYPE OF FRACTURE
4216	11/16/20	7	4	12.56	52,860	4210	3
4217	11/16/20	7	4	12.56	51,670	4110	3
4218	12/07/20	28	4	12.56	61,930	4930	2
4219	12/07/20	28	4	12.56	63,900	5090	5

Cylinder Size: 4" x 8"

28 DAY AVERAGE

5,010

28 DAY SPEC.

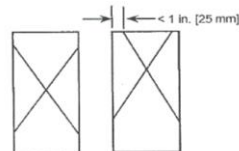
3,500

Comments:

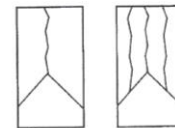
Reviewed By:

Mitch Forst, President

Distribution: FWC



Type 1
Reasonably well-formed cones on both ends, less than 1 in. [25 mm] of cracking through caps



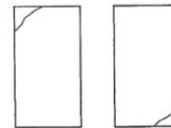
Type 2
Well-formed cone on one end, vertical cracks running through both caps, no well-defined cone on other end



Type 3
Columnar vertical cracking through both ends, no well-formed cones



Type 4
Diagonal fracture with no cracking through ends; tap with hammer to distinguish from Type 1



Type 5
Side fractures at top or bottom (occur commonly with unbonded caps)



Type 6
Similar to Type 5 but end of cylinder is pointed

Typical Fracture Patterns