



BEHAVIOR OF FLANGED LIGHTWEIGHT CONCRETE BEAMS UNDER COMBINED STRESSES

A Thesis
Submitted to the Faculty of Engineering
Ain Shams University for the Fulfillment
of the Requirement of the Degree of Doctor of Philosophy
In Civil Engineering (Structural)

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STATEMENT

This dissertation is submitted to Ain Shams University, Faculty of Engineering for the degree of PhD. in Civil Engineering.

The work included in this thesis was carried out by the author in Housing & Building National Research Center.

No part of this thesis has been submitted for a degree of qualification at any other university or institute.

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TABLE OF CONTENTS

CHAPTER 1: INTRODUCTION	1
1.1 General.....	1
1.2 Objective.....	2
1.3 Scope	2
1.4 Thesis Outline	3
CHAPTER 2: LITERATURE REVIEW	4
2.1 Introduction	4
2.2 Historical Background	5
2.3 Technical Definition of Lightweight Concrete.....	7
2.4 Types of Light Weight Concrete	7
2.4.1 No-Fines Concrete	8
2.4.2 Lightweight Aggregate Concrete	8
2.4.3 Aerated Concrete.....	9
2.5 Classification of Lightweight Concrete According to the Purpose	9
2.6 Comparison of Foamed Concrete and Normal Concrete.....	10
2.7 Advantages and Disadvantages of Light Weight Concrete	11
2.8 Mechanical Properties of Structural Lightweight Concrete	12
2.8.1 Stress-Strain Relationships	13
2.8.2 Modulus of Elasticity.....	15
2.8.3 Compressive Strength for Lightweight Concrete.....	16
2.8.4 Flexure Tensile Strength	18
2.8.5 Splitting Tensile Strength for Lightweight Concrete.....	18
2.9 Beams under Combined Stresses.....	19
2.9.1 Beams under Combined Shear and Flexure	20

2.9.1.1 The Formation of Diagonal Cracks under Combined Shear and Flexure .	20
2.9.1.2 The Effect of Shear on Flexural Steel Requirements	22
2.9.2 Beams under Combined Torsion and Flexure.....	24
2.9.2.1 Interaction Diagram for Bending and Torsion	26
2.9.3 Beams under Combined Shear and Torsion.....	29
2.10 Factors Affecting the Shear Strength.....	32
2.10.1 Longitudinal Reinforcement	32
2.10.2 Shear Span-to-Depth Ratio, a/d	33
2.10.3 Web Reinforcement	34
2.10.4 Size Effect	35
2.11 Flanged Reinforced Concrete Beams (T-Beams)	36
2.11.1 Failure Mechanism for T-Beams	38
2.11.2 Effect of Shear Span-to-Depth Ratio for T-Beams	39
2.12 Previous Studies on LWC Beams	40
2.13 Finite Element Model of Lightweight Concrete Beams	46
2.13.1 Introduction	46
2.13.2 Previous Researches.....	46
CHAPTER 3: EXPERIMENTAL WORK.....	53
3.1 Introduction	53
3.2 Characteristics of Used Materials.....	53
3.2.1 Aggregates	53
3.2.2 Cement	54
3.2.3 Reinforcing Steel	54
3.2.4 Water	55
3.2.5 Silica Fume	55
3.2.6 Super-plasticizer	56

3.2.7 Polystyrenes Foam	56
3.2.8 Fiber Polypropylenes	57
3.3 Mix Proportions	58
3.4 Experimental work	58
3.4.1 First Phase	58
3.4.1.1 Description of Specimens.....	58
3.4.1.2 Test Setup	60
3.4.2 Second Phase	61
3.4.2.1 Description of Specimens.....	61
3.4.2.2 Formwork and Steel Preparation.....	65
3.4.2.3 Mixing and Curing	68
3.4.2.4 Test Setup	70
CHAPTER 4: EXPERIMENTAL RESULTS.....	73
4.1 Introduction	73
4.2 Behavior of G1 Specimens	73
4.2.1 Behavior of Specimen TB.....	75
4.2.2 Behavior of Specimen TB-3.5-5	80
4.2.3 Behavior of Specimen TB-3.5-15	85
4.2.4 Behavior of Specimen TB-1.2-5	91
4.2.5 Behavior of Specimen TB-1.2-15	96
4.3 Behavior of G2 Specimens	101
4.3.1 Behavior of Specimen LB.....	101
4.3.2 Behavior of Specimen LB-3.5-5	106
4.3.3 Behavior of Specimen LB-3.5-15	111
4.3.4 Behavior of Specimen LB-1.2-5	116
4.3.5 Behavior of Specimen LB-1.2-15	121

CHAPTER 5: ANALYSIS OF EXPERIMENTAL RESULTS.....	127
5.1 Introduction	127
5.2 Failure Mode.....	127
5.2.1 Failure Mode for G1	127
5.2.2 Failure Mode for G2	128
5.3 Load Behavior	143
5.3.1 Effect of Using LWC on Load Behavior	144
5.3.2 Effect of (a/d) Ratio on Load Behavior	146
5.3.3 Effect of Load Eccentricity on Load Behavior	148
5.3.4 Effect of Flange Width on Load Behavior.....	150
5.4 Comparisons of Experimental Results for G1	151
5.4.1 Relation between Load and Deformation	151
5.4.2 Relation between load and Strain at vertical Stirrups	153
5.4.3 Relation between Load and Strain at Upper Longitudinal Steel Ø16.....	154
5.4.4 Relation between Load and Strain at Bottom Longitudinal Steel Ø16.....	155
5.5 Comparisons of Experimental Results for G2	157
5.5.1 Relation between Load and Deformation	157
5.5.2 Relation between load and Strain at vertical Stirrups	159
5.5.3 Relation between Load and Strain at Upper Longitudinal Steel Ø16.....	161
5.5.4 Relation between Load and Strain at Bottom Longitudinal Steel Ø16.....	162
CHAPTER 6: NUMERICAL MODELLING WORK.....	166
6.1 Introduction	166
6.2 Finite Element Idealizations	166
6.3 Finite Element Failure Definition.....	167
6.4 ANSYS Finite Element Model for LWC Beam	167
6.4.1 Elements Types for Beam	167

6.4.2 Real Constants for Beam.....	167
6.4.3 Material Properties for Beam.....	168
6.5 Detailing of the Model for Beams	171
6.5.1 Solid65	171
6.5.2 Link 180	174
6.6 Numbering Controls	175
6.7 Loads and Boundary Conditions	175
6.8 Type of Analysis.....	176
6.9 Analysis Process for the finite Element Model	176
6.10 Verification of the Analytical Model.....	176
6.10.1 Verification for TB	178
6.10.2 Verification for TB-3.5-5.....	182
6.10.3 Verification for TB-3.5-15.....	186
6.10.4 Verification for TB-1.2-5.....	191
6.10.5 Verification for TB-1.2-15.....	194
6.10.6 Verification for LB	199
6.10.7 Verification for LB-3.5-5.....	203
6.10.8 Verification for LB-3.5-15.....	207
6.10.9 Verification for LB-1.2-5.....	211
6.10.10 Verification for LB-1.2-15.....	215
CHAPTER 7: PARAMETRIC STUDY & DESIGN GUIDELINES	220
7.1 Outline	220
7.2 Parametric Study.....	220
7.2.1 Parametric Study Database Analysis and Results.....	222
7.2.2 Discussion of the Results	224
7.2.2.1 Group One: Span to Depth Ratio	224

7.2.2.1.1 Effect of Span to Depth Ratio on T-Beams Behavior	224
7.2.2.1.2 Effect of Span to Depth Ratio on L-Beams Behavior	226
7.2.2.2 Group Two: Eccentricity Ratio	228
7.2.2.2.1 Effect of Load Eccentricity Ratio on T-Beams Behavior.....	228
7.2.2.2.2 Effect of Load Eccentricity Ratio on L-Beams Behavior.....	231
7.2.2.3 Group Three: Flange Width	233
7.2.2.3.1 Effect of Flange Width on T-Beams Behavior	233
7.2.2.3.2 Effect of Flange Width on L-Beams Behavior	235
7.2.2.4 Group Four: Transverse Reinforcement.....	237
7.2.2.4.1 Effect of Transverse Reinforcement Ratio on T-Beams Behavior..	237
7.2.2.4.2 Effect of Transverse Reinforcement Ratio on L-Beams Behavior..	240
7.3 Comparison with Code Predictions	242
7.3.1 Comparison with ACI 318	245
7.3.2 Comparison with ECP 203-2018	246
7.4 Proposed Model for LWC Beams under Combined Moment, Shear, and Torsion stresses	247
7.5 Comparison of Parametric Study Database with ACI 318, ECP203, and Proposed Equation Failure Loads.....	253
CHAPTER 8: CONCLUSIONS AND RECOMMENDATIONS	256
8.1 Introduction	256
8.2 Conclusions	257
8.3 Recommendations	259

List of Figures

CHAPTER 2: LITERATURE REVIEW

Figure (2-1) Basic shapes of lightweight concrete (Newman and Choo, 2003)	8
Figure (2-2) Stress-Strain Curve of Lightweight and Normal Concrete (Weiss, 2012).....	14
Figure (2-3) Relationship between stress and strain of SLWFC at W/B 17% and different foaming agent dosage (Lee, Ismail, Woo, Min and Choi 2014)	15
Figure (2-4) Modulus of Elasticity. (ACI 213R, 2003).....	16
Figure (2-5), Trajectories of principal stresses in a homogeneous isotropic beam. (Park and Paulav, 1975).....	21
Figure (2-6), Internal Forces in an analogous Truss (Park and Paulav, 1975).....	22
Figure (2-7), Equilibrium Requirements in the Shear Span of a Beam (MacGregor, 1988)	24
Figure (2-8), Yield Line a Long an Edge Beam. (Farmer and Ferguson 1967).....	26
Figure (2-9), Idealized T-Beam Failure Mode in Bending and Torsion. (Kirk and Lash 1971)	27
Figure (2-10), Interaction Diagram for Bending and Torsion. (Lampert and Collins 1972)	28
Figure (2-11) Interaction Diagram of Torsion and Shear. (Ersoy and Ferguson 1968).....	31
Figure (2-12) Shear strength vs. longitudinal reinforcement (MacGregor, 1988).....	32
Figure (2-13) Shear strength vs. a/d (Kani et al. 1979).....	33
Figure (2-14) Distribution of internal shears of beam with shear reinforcement (MacGregor and Bartlett, 2000).....	35
Figure (2-15), Critical shear crack pattern comparison between rectangular cross-section beams and a T-Beam: (a, b) flexural cracking, (c, d) development of inclined cracks, and (e, g) crack pattern at failure.	38
Figure (2-16), test results for rectangular cross-section beams and for T-beams (Swamy et al, 1970).....	39

Figure (2-19), Basic mesh layouts of elastic CST triangles, four-node interface elements along each triangle:	48
Figure (2-17) Finite element mesh, boundary and symmetry conditions used for a typical tested beam. (Kais 2010)	50
Figure (2-18), FEM model of LWC beam and results. (Vimonsatit, and Wahyuni 2012) .	52
Figure (3-1) Course Aggregates	54
Figure (3-4) Fine Aggregates	54
Figure (3-3) Ordinary Portland cement	54
Figure (3-4) Reinforcing Steel	55
Figure (3-5) Silica fume	55
Figure (3-6) Super plasticizer (Viscocrete 3425)	56
Figure (3-7) Polystyrenes foam	57
Figure (3-8) Fiber Polypropylenes	57
Figure (3-9) Cylinders and Cubes after being removed from the molds and curing.....	59
Figure (3-10) Test setup for the First Phase	60
Figure (3-11) Typical dimensions and reinforcement of group G1	63
Figure (3-12) Typical dimensions and reinforcement of group G2	64
Figure (3-13) Preparing of wooden form of the specimens	65
Figure (3-14) Preparing of steel mesh of the specimens	66
Figure (3-15) Placing of electrical strain gauges in steel mesh.....	66
Figure (3-16) Distribution of Strain Gauges on Stirrups and Longitudinal Steel	67
Figure (3-17) Placing of steel mesh in wooden form.....	68
Figure (3-18) Mixing dry materials and water mechanically.....	69
Figure (3-19) Specimens Casting.....	69
Figure (3-20) Smoothing the final concrete surface.....	70

Figure (3-21) Test setup	71
Figure (3-22): Test Setup for the Second Phase.....	72
Figure (4-1): different sides for the tested specimen.....	74
Figure (4-2): Load-Deflection Curve for Specimen TB.....	76
Figure (4-3): Load-Angle of Twist Curve for Specimen TB	76
Figure (4-4): Load-Strain at Vertical Stirrup Curve for Specimen TB	77
Figure (4-5): Load-Strain at Upper Longitudinal Steel Curve for Specimen TB	78
Figure (4-6): Load- Strain at Bottom Longitudinal Steel Curve for Specimen TB	79
Figure (4-7): Load- Strain at Longitudinal Steel with Ø10 Curve for Specimen TB	80
Figure (4-8): Load-Deflection Curve for Specimen TB-3.5-5.....	81
Figure (4-9): Load-Angle of Twist Curve for Specimen TB-3.5-5.....	82
Figure (4-10): Load-Strain at Vertical Stirrup Curve for Specimen TB-3.5-5	83
Figure (4-11): Load-Strain at Upper Longitudinal Steel Curve for Specimen TB-3.5-5....	84
Figure (4-12): Load-Strain at Bottom Longitudinal Steel Curve for Specimen TB-3.5-5..	84
Figure (4-13): Load- Strain at Longitudinal Steel with Ø10 Curve for Specimen TB-3.5-5	85
Figure (4-14): Load-Deflection Curve for Specimen TB-3.5-15.....	87
Figure (4-15): Load-Angle of Twist Curve for Specimen TB-3.5-15.....	87
Figure (4-16): Load-Strain at Vertical Stirrup Curve for Specimen TB-3.5-15	88
Figure (4-17): Load-Strain at Upper Longitudinal Steel Curve for Specimen TB-3.5-15..	89
Figure (4-18): Load-Strain at Bottom Longitudinal Steel Curve for Specimen TB-3.5-15	90
Figure (4-19): Load- Strain at Longitudinal Steel with Ø10 Curve for Specimen TB-3.5-15	90
Figure (4-20): Load-Deflection Curve for Specimen TB-1.2-5.....	92
Figure (4-21): Load-Angle of Twist Curve for Specimen TB-1.2-5.....	92

Figure (4-22): Load-Strain at Vertical stirrup Curve for Specimen TB-1.2-5	93
Figure (4-23): Load-Strain at Upper Longitudinal Steel Curve for Specimen TB-1.2-5....	94
Figure (4-24): Load-Strain at Bottom Longitudinal Steel Curve for Specimen TB-1.2-5..	95
Figure (4-25): Load- Strain at Longitudinal Steel with Ø10 Curve for Specimen TB-1.2-5	95
Figure (4-26): Load-Deflection Curve for Specimen TB-1.2-15	97
Figure (4-27): Load-Angle of Twist Curve for Specimen TB-1.2-15.....	97
Figure (4-28): Load-Strain at Vertical Stirrup Curve for Specimen TB-1.2-15	98
Figure (4-29): Load-Strain at Upper Longitudinal Steel Curve for Specimen TB-1.2-15..	99
Figure (4-30): Load-Strain at Bottom Longitudinal Steel Curve for Specimen TB-1.2-15	100
Figure (4-31): Load- Strain at Longitudinal Steel with Ø10 Curve for Specimen TB-1.2-15	100
Figure (4-32): Load-Deflection Curve for Specimen LB.....	103
Figure (4-33): Load-Angle of Twist Curve for Specimen LB	103
Figure (4-34): Load-Strain at Vertical Stirrup Curve for Specimen LB	104
Figure (4-35): Load-Strain at Upper Longitudinal Steel Curve for Specimen LB	105
Figure (4-36): Load-Strain at Bottom Longitudinal Steel Curve for Specimen LB	105
Figure (4-37): Load- Strain at Longitudinal Steel with Ø10 Curve for Specimen LB	106
Figure (4-38): Load-Deflection Curve for Specimen LB-3.5-5	107
Figure (4-39): Load-Angle of Twist Curve for Specimen LB-3.5-5.....	108
Figure (4-40): Load-Strain at Vertical Stirrup Curve for Specimen LB-3.5-5	109
Figure (4-41): Load-Strain at Upper Longitudinal Steel Curve for Specimen LB-3.5-5.	109
Figure (4-42): Load-Strain at Bottom Longitudinal Steel Curve for Specimen LB-3.5-5	110
Figure (4-43): Load- Strain at Longitudinal Steel with Ø10 Curve for Specimen LB-3.5-5	111

Figure (4-44): Load-Deflection Curve for Specimen LB-3.5-15	112
Figure (4-45): Load-Angle of Twist Curve for Specimen LB-3.5-15.....	113
Figure (4-46): Load-Strain at Vertical Stirrup Steel Curve for Specimen LB-3.5-15	114
Figure (4-47): Load-Strain at Upper Longitudinal Steel Curve for Specimen LB-3.5-15	114
Figure (4-48): Load-Strain at Bottom Longitudinal Steel Curve for Specimen LB-3.5-15	115
Figure (4-49): Load- Strain at Longitudinal Steel with Ø10 Curve for Specimen LB-3.5-15	116
Figure (4-50): Load-Deflection Curve for Specimen LB-1.2-5.....	117
Figure (4-51): Load-Angle of Twist Curve for Specimen LB-1.2-5.....	118
Figure (4-52): Load-Strain at Vertical Stirrup Curve for Specimen LB-1.2-5	119
Figure (4-53): Load-Strain at Upper Longitudinal Steel Curve for Specimen LB-1.2-5.	119
Figure (4-54): Load-Strain at Bottom Longitudinal Steel Curve for Specimen LB-1.2-5	120
Figure (4-55): Load- Strain at Longitudinal Steel with Ø10 Curve for Specimen LB-1.2-5	121
Figure (4-56): Load-Deflection Curve for Specimen LB-1.2-15.....	122
Figure (4-57): Load-Angle of Twist Curve for Specimen LB-1.2-15.....	123
Figure (4-58): Load-Strain at Vertical Stirrup Curve for Specimen LB-1.2-15	124
Figure (4-59): Load-Strain at Upper Longitudinal Steel Curve for Specimen LB-1.2-15	124
Figure (4-60): Load-Strain at Bottom Longitudinal Steel Curve for Specimen LB-1.2-15	125
Figure (4-61): Load- Strain at Longitudinal Steel with Ø10 Curve for Specimen LB-1.2-15	126
Figure (5-1): Failure Mode for Specimen TB	130
Figure (5-2): Failure Mode for Specimen TB-3.5-5	131
Figure (5-3): Failure Mode for Specimen TB-3.5-15	132