Stanfill John L Form 4 February 23, 2012

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

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January 31, 2005

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OMB APPROVAL

Form 4 or Form 5 obligations may continue. See Instruction

Check this box

if no longer

subject to

Section 16.

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Stanfill John L

2. Issuer Name and Ticker or Trading Symbol

COSTAR GROUP INC [CSGP]

5. Relationship of Reporting Person(s) to

Issuer

(Last)

(First) (Middle) 3. Date of Earliest Transaction

(Month/Day/Year) 02/21/2012

(Check all applicable)

Sr. VP-Sales, Customer Service

X_ Officer (give title below) below)

Other (specify

10% Owner

C/O COSTAR GROUP, INC., 1331 L STREET, NW

(Street)

(State)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Director

Applicable Line) _X_ Form filed by One Reporting Person

Form filed by More than One Reporting Person

WASHINGTON, DC 20005

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3) any (Month/Day/Year)

(Zip)

3. 4. Securities Acquired Transaction(A) or Disposed of Code (D) (Instr. 8) (Instr. 3, 4 and 5)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 5. Amount of 6. Ownership 7. Nature of Securities Form: Direct Indirect Beneficially (D) or Beneficial Indirect (I) Ownership Owned Following (Instr. 4) (Instr. 4)

(A)

Reported Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

Common

(City)

Stock, par 02/21/2012 value \$0.01 per share

38,800 Α (1)

\$0 89,934 (2)

D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Option to Acquire Common Stock	\$ 58.95	02/21/2012		A	11,600	(3)	02/20/2022	Common Stock	11,600

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Stanfill John L

C/O COSTAR GROUP, INC. 1331 L STREET, NW

Sr. VP-Sales, Customer Service

WASHINGTON, DC 20005

Signatures

/s/ Jonathan Coleman, Attorney-in-Fact

02/23/2012

**Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- Includes a grant of 8,200 shares of restricted common stock that vest in three equal installments on February 21, 2013, February 21, 2014, and February 21, 2015, and a grant of 30,600 shares of restricted common stock that vest upon CoStar Group, Inc.'s achievement of \$90 million of cumulative earnings before interest depreciation and amortization (EBITDA) over a period of four consecutive calendar quarters by March 31, 2017.
- (2) Represents all shares of common stock owned, consisting of 8,200 shares of Common Stock and 81,734 shares of Common Stock subject to unvested restricted common stock grants.
- (3) The option vests in three equal installments on February 21, 2013, February 21, 2014, and February 21, 2015.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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