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

| OMB APPROVAL | | | | | | |
|------------------|-----------|--|--|--|--|--|
| DMB Number: | 3235-0287 | | | | | |
| Estimated averag | | | | | | |
| ours per respon | se 0.5 | | | | | |

longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| Print or Ty | pe Response | es) | | | | | | | | | | | | | | | | | |
|--|-------------|-------------------------------------|-------|--|---|-------------------------------|----------------------|--------|---|---------------------|-----------------|--|---|--|---|---------------------------------------|---|------------------------|-------------------|
| 1. Name and Address of Reporting Person *- Lane Brian E. | | | | 2. Issuer Name and Ticker or Trading Symbol Main Street Capital CORP [MAIN] | | | | | | | 4 | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner | | | | | | | |
| 1300 POST OAK BLVD, 8TH FLOOR | | | | 3. Date of Earliest Transaction (Month/Day/Year) 08/15/2017 | | | | | | | | - | | (give title belo | w) | | specify bel | low) | |
| (Street) | | | | 4. If Amendment, Date Original Filed(Month/Day/Year) | | | | | | | | 6. Individual or Joint/Group Filing(Check Applicable Line) X_Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | | | | |
| HOUSTON, TX 77056 (City) (State) (Zip) | | | | (Zip) | Table I - Non-Derivative Securities Acqui | | | | | | | | | ired, Disposed of, or Beneficially Owned | | | | | |
| | | | | 2A. Deemed Execution Date, any (Month/Day/Yea | | if (1 | f Code (Instr. 8) | | 4. Securities Acquired (A) or Disposed of (I) (Instr. 3, 4 and 5) | | uired of (D) | | | ies Following | 6. Ownership Form: Direct (D) | nership on: | 7. Nature of Indirect Beneficial Ownership | | |
| | | | | | (IVIOII | un/Day/ i ea | 1) | Code | V | Amoun | |) or D) 1 | Price | or I | | | or In | direct (| Instr. 4) |
| Common | Stock | | 08/15 | /2017 | | | | J(1) | V | 13.519 | A | \$ 4 | § 40.27 | 8,508.36 | 3.367 | | | | |
| Common | Stock | | 08/15 | /2017 | | | | J(1) | V | 25.50 | A | \$ 4 | § 40.28 | 8,533.86 | 67 | | D | | |
| indirectly. | | | | Table W. F | | S | 40 | | cont | tained i form di | n th spla | is for ys a | rm are currei | not req | uired to re I OMB cor | oformation espond un ntrol numb | less | SE | C 1474 (9- 02) |
| | | | | Table II - D | | itive Securi uts, calls, w | | | | | | | | ly Owned | | | | | |
| Derivative Conversion Da | | Date Execut (Month/Day/Year) any | | | ĺ | Code | ransaction of ode De | | and Expiration Date (Month/Day/Year) Am Und Sec | | | Amo Unde Secu (Inst | Fitle and sount of Derivative Security (Instr. 5) | | f 9. Number of Derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4) | y E S C o n(s) (1 | orm of Derivativ ecurity: Direct (D r Indirec | Ownershi (Instr. 4) | |
| | | | | | | Code V | , (A | A) (D) | Dat Exe | e ercisable | | iration e | n Title | Amount or Number of Shares | | | | | |
| Repor | ting O | wners | | | | | | | | | | | | | | | | | |
| | | | | | | | _ | | | | | | | | | | | | |

| Barrella Carrella Name / Addition | Relationships | | | | | | | | |
|-----------------------------------|---------------|-----------|---------|-------|--|--|--|--|--|
| Reporting Owner Name / Address | Director | 10% Owner | Officer | Other | | | | | |
| Lane Brian E. | | | | | | | | | |
| 1300 POST OAK BLVD | x | | | | | | | | |
| 8TH FLOOR | Λ | | | | | | | | |
| HOUSTON, TX 77056 | | | | | | | | | |

Signatures

| /s/ Jason B. Beauvais as Attorney-in-Fact for Brian E. Lane | 08/24/2017 |
|---|------------|
| 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).
- (1) The reporting person acquired these shares under a dividend reinvestment plan, pursuant to a dividend reinvestment transaction exempt from Section 16 under Rule 16a-11.

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.