

ILLINOIS TOOL WORKS INC  
 Form 4  
 February 16, 2017

**FORM 4**

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

OMB APPROVAL

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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
**O'HERLIHY CHRISTOPHER A**

2. Issuer Name and Ticker or Trading Symbol  
**ILLINOIS TOOL WORKS INC [ITW]**

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

(Last) (First) (Middle)  
**ILLINOIS TOOL WORKS INC, 155 HARLEM AVENUE**  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
**02/14/2017**

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
 Vice Chairman

**GLENVIEW, IL 60025**

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 \_\_\_ Form filed by More than One Reporting Person

(City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
				(A) or (D)	Price		
				Code V	Amount		
Common Stock	02/14/2017		M	5,725 A	\$ 0	21,208	D
Common Stock	02/14/2017		F	1,797 D	\$ 129.6	19,411	D
Common Stock						1,603	I
							See Footnote (1)

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

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SEC 1474 (9-02)

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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. Transaction Code (Instr. 8)	5. Number of Derivative 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 Security (Instr. 3 and 4)
				Code	V (A) (D)	Date Exercisable Expiration Date	Title Amount or Number of Shares
Employee Stock Option	\$ 98.26					02/13/2016 <sup>(2)</sup> 02/13/2025	Common Stock 22,000
Employee Stock Option	\$ 55.71					02/10/2013 02/10/2022	Common Stock 43,000
Employee Stock Option	\$ 91.88					02/12/2017 <sup>(2)</sup> 02/12/2026	Common Stock 37,000
Employee Stock Option	\$ 63.25					02/15/2014 02/15/2023	Common Stock 37,000
Employee Stock Option	\$ 78.59					02/14/2015 <sup>(2)</sup> 02/14/2024	Common Stock 29,000
Employee Stock Option	\$ 55.81					02/11/2012 02/11/2021	Common Stock 36,000
Performance Restricted Stock Unit (granted 2/12/2016) <sup>(3)</sup>	\$ 0					<sup>(4)</sup> <sup>(4)</sup>	Common Stock 8,100
Performance Restricted Stock Unit (granted 2/13/15) <sup>(3)</sup>	\$ 0					<sup>(4)</sup> <sup>(4)</sup>	Common Stock 4,700
Performance Restricted Stock Unit (granted 2/14/2014) <sup>(3)</sup>	\$ 0	02/14/2017		M	5,725	<sup>(5)</sup> <sup>(5)</sup>	Common Stock 5,725

Employee Stock Option	\$ 128	02/10/2018 <sup>(2)</sup>	02/10/2027	Common Stock	48,
Performance Share Units (granted 2/10/17) <sup>(3)</sup>	\$ 0	<u>(4)</u>	<u>(4)</u>	Common Stock	5,0

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
O'HERLIHY CHRISTOPHER A ILLINOIS TOOL WORKS INC 155 HARLEM AVENUE GLENVIEW, IL 60025			Vice Chairman	

## Signatures

Christopher A. O'Herlihy, by Janet O. Love, Deputy General Counsel & Assistant Secretary, Attorney-In-Fact on File 02/16/2017

\_\_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) Shares of common stock allocated to my account in the Illinois Tool Works Inc. Savings & Investment Plan--Information reported as of February 10, 2017.
- (2) Options vest in four (4) equal annual installments beginning one year from date of grant.
- (3) Each performance restricted stock unit (PRSU) and performance share unit (PSU) represents a contingent right to receive one share of the Company's common stock.
- (4) Each PRSU and PSU vests 100% three years from the date of grant if performance goals are met.
- (5) The PRSU award became vested and payable on February 14, 2017.

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.