

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

FORM 11-K

FOR ANNUAL REPORTS OF EMPLOYEE STOCK PURCHASES, SAVINGS
AND SIMILAR PLANS PURSUANT TO SECTION 15(d) OF THE
SECURITIES AND EXCHANGE ACT OF 1934

(Mark One)

ANNUAL REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT
OF 1934.

For the fiscal year ended December 31, 2004.

OR

TRANSITION REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE
ACT OF 1934.

For the transition period from _____ to _____

Commission file number 0-10436.

L. B. Foster Company Voluntary Investment Plan

(Full title of the plan and the address of plan,
if different from that of the issuer named below)

L. B. FOSTER COMPANY
415 Holiday Drive
Pittsburgh, PA 15222

(Name of issuer of the securities held pursuant to the plan and the address
of its principal executive office)

FINANCIAL STATEMENTS AND OTHER FINANCIAL
INFORMATION

L. B. Foster Company Voluntary Investment Plan
Years Ended December 31, 2004 and 2003
With Report of Independent Auditors

L. B. Foster Company
Voluntary Investment Plan

Financial Statements
and Other Financial Information

Years Ended December 31, 2004 and 2003

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Report of Independent Registered Public Accounting Firm

The Plan Administrator
L. B. Foster Company
Voluntary Investment Plan

We have audited the accompanying statements of net assets available for benefits of L. B. Foster Company Voluntary Investment Plan as of December 31, 2004 and 2003, and the related statement of changes in net assets available for benefits for the year ended December 31, 2004. These financial statements are the responsibility of the Plan's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. We were not engaged to perform an audit of the Plan's internal control over financial reporting. Our audits included consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the net assets available for benefits of the Plan at December 31, 2004 and 2003, and the changes in its net assets available for benefits for the year ended December 31, 2004, in conformity with U.S. generally accepted accounting principles.

Our audits were performed for the purpose of forming an opinion on the financial statements taken as a whole. The accompanying supplemental schedule of assets (held at end of year) as of December 31, 2004, is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. This supplemental schedule is the responsibility of the Plan's management. The supplemental schedule has been subjected to the auditing procedures applied in our audits of the financial statements and, in our opinion, are fairly stated in all material respects in relation to the financial statements taken as a whole.

/s/ Ernst & Young LLP

June 13, 2005

L. B. Foster Company
Voluntary Investment Plan

Statements of Net Assets Available for Benefits

	December 31	
	2004	2003
Assets		
Investments, at fair value	\$33,594,419	\$31,655,890
Participant loans	518,121	541,339
	-----	-----
	34,112,540	32,197,229
Receivables:		
Employee	83,243	85,404
Employer	192,350	251,932
Other	162	65
	-----	-----
	275,755	337,401
	-----	-----
Net assets available for benefits	\$34,388,295	\$32,534,630
	=====	=====

See accompanying notes.

L. B. Foster Company
Voluntary Investment Plan

Statement of Changes in Net Assets Available for Benefits

Year Ended December 31, 2004

Additions	
Investment income:	
Interest and dividends	\$ 1,020,150
Net realized/unrealized appreciation in investment fair value	2,443,047

Total investment income	3,463,197
Contributions:	
Employee	1,368,857
Employer	667,363

Total contributions	2,036,220

	5,499,417
Deductions	
Benefit payments	3,645,752

	3,645,752

Increase in net assets available for benefits	1,853,665
Net assets available for benefits, beginning of year	32,534,630

Net assets available for benefits, end of year	\$34,388,295
	=====

See accompanying notes.

L. B. Foster Company
Voluntary Investment Plan

Notes to Financial Statements

December 31, 2004 and 2003

1. Description of Plan

The following brief description of the L. B. Foster Company Voluntary Investment Plan (the Plan) as amended effective January 1, 1999, is provided for general information purposes only. Participants should refer to the summary plan description for more complete information.

General

The Plan is a defined contribution plan extended to all eligible salaried employees of L. B. Foster Company (the Company) who have attained age 18. The L. B. Foster Company Employee Benefits Policy and Review Committee, appointed by the Board of Directors of the Company, collectively serves as the plan administrator. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA) as amended.

Contributions

Contributions under the Plan are made by both the participants and the Company. A participant who elects to make pretax contributions of at least the maximum amount subject to company matching can also elect to make additional voluntary contributions on an after-tax basis. Employees may contribute up to 30% of their annual compensation subject to Internal Revenue Code limitations. There is no limit on aggregate pretax and after-tax contributions. Participant contributions and employer matching contributions are invested in accordance with participant elections. In the event that a participant does not make an investment election, contributions are invested in the Fidelity Freedom funds until such time as an election is made by the participant. The participant may transfer contributions defaulted to these funds into other investment options at the participant's discretion.

Beginning the first of the month following 12 months of employment, the Company provides a 50% match of the participant's primary contribution on the first 4% to 6% of annual compensation, based on years of service, as defined by the Plan. Beginning the first of the month following 12 months of employment, the Company contributes a fixed amount equal to 1% of eligible employees' annual compensation regardless of whether the employee elects to contribute to the Plan. Company contributions may be reduced by forfeitures that accumulate.

The Plan also requires an additional matching employer contribution of up to \$.50 for each \$1.00 of eligible pretax contributions based on a target ratio of the Company's annual pretax income to equity as defined in the Plan. No additional matching employer contributions were made in 2004 and 2003.

1. Description of Plan (continued)

The Company, upon resolution of the Board of Directors, may make a discretionary additional contribution of an amount out of, but not in excess of, the Company's current or accumulated profits. Discretionary contributions of \$154,000 and \$213,000 were approved for 2004 and 2003, respectively. The Company's contributions may be reduced by any forfeitures which accumulate from terminations of participants with nonvested employer contributions. Forfeitures totaling \$3,200 and \$27,900 were utilized to offset contributions in 2004 and 2003, respectively. At December 31, 2004 and 2003, forfeitures of \$9,300 and \$6,200, respectively, were available to reduce future company contributions.

Vesting

A participant's vested interest in the Plan on any date is equal to the sum of the values of (a) that portion of the participant's account attributable to the participant's contributions and (b) that portion of the participant's account attributable to the Company's contributions multiplied by the applicable vesting percentage plus or minus related earnings (losses). Participants that are active as of January 1, 2002, or later are 100% vested in the Company's contributions after three years of eligible service or after attaining age 65. Participants that are inactive as of or terminated prior to January 1, 2002, are 100% vested in the Company's contributions after five years of eligible service or after attaining age 65.

Notwithstanding the above, a participant who terminates from the Plan by reason of retirement, disability, or death is fully vested in his participant account.

Distributions

Normal retirement age is 65. Early retirement age is 55, provided that the participant has at least five years of service. In addition, a participant may obtain an early retirement distribution prior to reaching age 55, provided that the participant will turn 55 in the year the distribution occurs and that the participant has at least five years of service.

As provided by the Plan, the distribution to which a participant is entitled by reason of normal, early, late, or disability retirement, death, or termination of employment may be made in the form of direct rollover, annuity, cash, or partly in cash and partly as an annuity. The amount of such distribution is equal to the participant's vested account balance on the valuation date.

1. Description of Plan (continued)

Withdrawals

Under the Plan, a participant may elect to withdraw voluntary, after-tax contributions made to the Plan prior to January 1, 1987. Such withdrawals are subject to a \$1,000 minimum. In the event of extreme hardship and subject to certain restrictions and limitations, a participant may withdraw their vested interest in the portion of their account attributable to matching, fixed and discretionary contributions, and related earnings.

Participants' Accounts

Each participant's account is credited with the participant's pretax and voluntary contributions, the participant's allocable share of company contributions, and related earnings of the funds. Participants' accounts may be invested in 10% increments into any of the mutual funds available under the Plan at the direction of the participant.

Loans

A participant may obtain a loan from the vested portion of their account, subject to spousal consent, if applicable. The loan proceeds (subject to a minimum of \$1,000 and a maximum of \$50,000) are deducted from the participant's account and are repaid by means of payroll deductions. Loans are required to be repaid within 60 months from the date on which the loan is originally granted and may be prepaid early without penalty. The repayment period for a loan that is obtained for purchasing a primary residence may be as long as 360 months. The loan carries an interest rate computed at the prime rate plus 0.5%. The interest rate is computed on the date the loan is requested and remains fixed for the full term of the loan.

Plan Termination

Although it has not expressed any intention to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. Should the Plan be terminated, participants will become fully vested in their accounts, and the assets of the Plan would be distributed to the participants based on their individual account balances as determined under the plan provisions.

2. Summary of Significant Accounting Policies

Valuation of Investments

Mutual fund values are based on the underlying investments in securities. Mutual fund securities traded on security exchanges are valued at the latest quoted sales price. Securities traded on a national securities exchange are valued at the last reported sales price on the last business day of the plan year. Securities traded in the over-the-counter market and listed securities for which no sale was reported on that fixed rate date are valued at the average of the last reported bid and ask quotations. Loans receivable from participants are valued at cost which approximates fair value.

Realized gain or loss includes recognized gains and losses on the sale of investments. Unrealized appreciation or depreciation represents changes in value from original cost. Dividend income is recorded on the ex-dividend date and interest income is accrued as earned.

As described above, the assets of the Plan are concentrated in mutual funds consisting primarily of stocks and bonds. Realization of amounts disclosed as net assets available for benefits is dependent on the results of these markets.

Basis of Accounting

The financial statements of the Plan are maintained on the accrual basis. Contributions receivable are recorded among the available investment options based upon the participants' aggregate investment allocations in effect at the end of the plan year.

Use of Estimates

The preparation of financial statements in accordance with U.S. generally accepted accounting principles requires management to make estimates that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ from those estimates.

Expenses

The Company, as provided by the Plan, pays expenses of the Plan. Expenses incurred to establish and maintain a loan are charged to the applicable participant.

3. Investments

Profit sharing contributions are directed into the L. B. Foster Company Stock Fund. Participants may subsequently transfer profit sharing contributions into other plan funds at their discretion. The L. B. Foster Company Stock Fund is a unitized stock fund comprised of a 95% to 99% investment in L. B. Foster Company common stock with the remaining 1% to 5% invested in a short-term investment fund. As a result, participant accounts receive units of participation in the fund rather than common shares.

For the year ended December 31, 2004, the Plan's investments (including investments bought, sold, and held during the year) appreciated (depreciated) in value as follows:

	Fair Market Value	Net Realized/ Unrealized Appreciation (Depreciation)

Fidelity investments:		
Magellan Fund	\$ 4,829,391	\$ 270,912
Equity Income Fund	3,290,364	174,626
Growth and Income Fund	3,632,852	255,585
Government Income Fund	2,068,563	3,122
Blue Chip Fund	189,240	8,883
Asset Manager Fund	987,022	27,920
Low Price Stock Fund	2,384,917	284,719
Small Cap Stock Fund	735,594	36,237
Freedom Income Fund	40,175	569
Freedom 2000	430,133	8,792
Freedom 2010	635,099	25,975
Freedom 2020	689,829	42,348
Freedom 2030	178,018	13,312
Freedom 2040	105,388	5,750
Managed Income Fund	2,015,495	-
Retirement Government Money Market Fund	2,452,121	-
Spartan U.S. Equity Index Fund	3,000,252	252,145
Janus Worldwide Fund	-	39,255
Credit Suisse Emerging Growth Fund	779,831	106,465
PIMCO Total Return Fund	372,446	(1,211)
MSI International Equity Fund	2,537,223	170,452
L. B. Foster Company Stock Fund	2,240,466	717,191
	-----	-----
	\$ 33,594,419	\$ 2,443,047
	=====	=====

3. Investments (continued)

 The fair value of investments representing 5% or more of the Plan's assets at December 31, 2004 and 2003, is as follows:

	2004	2003
	-----	-----
Fidelity investments:		
Magellan Fund	\$ 4,829,391	\$ 5,906,948
Equity Income Fund	3,290,364	2,644,991
Growth and Income Fund	3,632,852	3,868,823
Government Income Fund	2,068,563	2,183,722
Low Price Stock Fund	2,384,917	1,105,633
Retirement Government Money Market Fund	2,452,121	3,476,427
Managed Income Fund	2,015,495	2,439,606
Spartan U.S. Equity Index Fund	3,000,252	2,375,468
MSI International Equity Fund	2,537,223	493,920
Janus Worldwide Fund	-	1,702,147
L. B. Foster Company Stock Fund	2,240,466	1,633,482

4. Income Tax Status

 The Plan has received a determination letter from the Internal Revenue Service (IRS) dated July 30, 2002, stating that the Plan is qualified under Section 401(a) of the Internal Revenue Code (the Code) and, therefore, the related trust is exempt from taxation. Once qualified, the Plan is required to operate in conformity with the Code to maintain its qualification. The Plan was amended subsequent to the IRS determination letter. The plan sponsor has indicated that it will take the necessary steps, if any, to bring the Plan's operations into compliance with the Code.

5. Transactions With Parties in Interest

 Certain trustee, accounting, and administrative expenses relating to the maintenance of participant records and the Plan's administration are absorbed by the Company.

Other Financial Information

L. B. Foster Company
Voluntary Investment Plan

EIN #25-1324733 Plan #201

Schedule H, Line 4i - Schedule of Assets
(Held at End of Year)

December 31, 2004

Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment	Shares Held	Fair Market Value

Fidelity Investments*:			
Magellan Fund	Equities	46,530	\$ 4,829,391
Equity Income Fund	Equities	62,341	3,290,364
Growth and Income Fund	Equities	95,076	3,632,852
Government Income Fund	Government obligations	202,008	2,068,563
Blue Chip Fund	Equities	4,537	189,240
Asset Manager Fund	Equities, money market, bonds	60,890	987,022
Low Price Stock Fund	Equities	59,253	2,384,917
Small Cap Stock Fund	Equities	40,506	735,594
Freedom Income Fund	Equity funds, fixed income funds	3,565	40,175
Freedom 2000	Equity funds, fixed income funds	35,607	430,133
Freedom 2010	Equity funds, fixed income funds	46,630	635,099
Freedom 2020	Equity funds, fixed income funds	49,415	689,829
Freedom 2030	Equity funds, fixed income funds	12,643	178,018
Freedom 2040	Equity funds, fixed income funds	12,743	105,388
Managed Income Fund	Guaranteed investment contracts	2,015,495	2,015,495
Retirement Government Money Market Fund	Government obligations, money market securities	2,452,121	2,452,121
Spartan U.S. Equity Index Fund	Equities	70,001	3,000,252
Credit Suisse Emerging Growth Fund	Equities	25,059	779,831
PIMCO Total Return Fund	Fixed income securities	34,906	372,446
MSI International Equity Fund	Equities	121,689	2,537,223

Total mutual funds			31,353,953
L. B. Foster Company Stock Fund	Interest-bearing cash Common stock	111,443 223,872	111,443 2,129,023

Outstanding participant loans	Participant loans, interest rates ranging from 4.5% to 10.50%, various maturities ranging from 2 to 30 years		518,121

			\$ 34,112,540
=====			

*Party in interest

EXHIBIT INDEX

Exhibit 23.1 Consent of Independent Registered Public Accounting Firm

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the trustees (or other persons who administer the employee benefit plan) have duly caused this annual report to be signed on their behalf by the undersigned hereunto duly authorized.

L. B. Foster Company
Voluntary Investment Plan

(Name of Plan)

Date: June 24, 2005

By: /s/David J. Russo

David J. Russo
Senior Vice President,
Chief Financial Officer and
Treasurer

Consent of Independent Registered Public Accounting Firm

We consent to the incorporation by reference in the Registration Statement (Form S-8 No. 333-65885) pertaining to the L. B. Foster Company Voluntary Investment Plan of our report dated June 13, 2005, with respect to the financial statements and schedule of the L. B. Foster Company Voluntary Investment Plan included in this Annual Report (Form 11-K) for the year ended December 31, 2004.

June 24, 2005

/s/Ernst & Young LLP