

# Iron Horse Engineering: Rail Boot Installation History

City	Project	Years	Contractor or Agency	Quantity (Track Ft)
* Toronto ON Canada	Toronto Transit Commission	1993	Toronto Transit	90,000 tf
Pittsburgh, PA	Mt. Washington Tunnel	1993	P.A. Transit	3,500 tf
San Diego, CA	Santee Extension	1994	MTDB	430 tf
Boston, MA	Boston University Bridge	1995	MBTA	810 tf
Philadelphia, PA	Reconstruction of dormant lines	1995-1997	SEPTA	21,000 tf
Portland, OR	Westside Light Rail - Hillsboro	1996	Stacy and Witbeck	9,400 tf
New Orleans, LA	Riverfront Street Car	1997	Boh Bros. Const.	4,500 tf
Salt Lake City, UT	Downtown LRT	1997-1998	Stacy and Witbeck	26,000 tf
Jersey City, NJ	Hudson-Bergen LRT	1998-1999	Perini/Slattery JV	21,000 tf
Camden, NJ	Camden to Trenton LRT	2001	Metro Plex	15,000 tf
Salt Lake City, UT	University & Med Center LRT	2001	Stacy and Witbeck	23,000 tf
Portland, OR	Portland Streetcar	2001	Stacy and Witbeck	15,000 tf
* Portland, OR	Interstate MAX	2001-2002	Stacy and Witbeck	29,000 tf
Tampa, FL	Tampa Ybor Streetcar	2001	Progress Rail	7,500 tf
* Tacoma, WA	Sound Transit Tacoma LRT	2001	Gary Merlino Const.	23,000 lf
Baltimore MD	Howard St. Reconstruction	2001	MARTA Track	8,425 tf
* New Orleans, LA	RTA Street Car	2002	Boh Bros. Const.	36,000 tf
Memphis TN	Medical Center Rail Extension	2002	Delta Railroad	20,000 tf
* Houston, TX	Houston LRT	2002	Delta Railroad	67,500 tf
Minneapolis, MN	Hiawatha LRT	2002	Railworks	17,000 tf
* Philadelphia, PA	Light Rail Extensions	2002-2004	SEPTA	31,500 tf
Little Rock, AR	Central Arkansas River Rail	2003	Delta Railroad	8,000 tf
Little Rock, AR	Clinton Library Extension	2003	Shelby Railroad	1,250 tf
Newark, NJ	Newark Elizabeth Rail Link	2004	Delta Railroad	8,000 tf
* Toronto ON Canada	Toronto Transit Commission	2004-2007	Toronto Transit	45,000 tf
Portland, OR	Streetcar River Place Ext.	2004	Stacy and Witbeck	5,000 tf
Seattle, WA	C510 Bus Tunnel	2006	Balfour Beatty	18,500 tf
* Phoenix, AZ	Line Section 4	2006	Stacy and Witbeck	45,000 tf
* Phoenix, AZ	Line Section 3	2006	Archer Western	35,000 tf
* Phoenix, AZ	Line Section 1	2006	Kiewit	45,000 tf
Sacramento, CA	Amtrak Extension	2007	Stacy and Witbeck	5,000 tf
San Jose, CA	Downtown Curve Replacement	2007-2008	Stacy and Witbeck	1,000 tf
* Seattle, WA	Rainier Valley	2007	Herzog	39,000 tf
* Seattle WA	Seattle Streetcar	2007	Stacy and Witbeck	15,000 tf
Portland, OR	Bus Mall	2007	Stacy and Witbeck	14,000 tf
Portland, OR	Portland Streetcar S.Waterfront	2007	Stacy and Witbeck	2,250 tf
Beaverton, OR	Washington Commuter Rail	2007	Stacy and Witbeck	1,500 tf
Salt Lake City	Intermodal HUB to TRAX	2007	Stacy and Witbeck	6,300 tf
Minneapolis, MN	Hiawatha Extension	2008	Balfour Beatty	2,350 tf
Washington DC	DC DOT H street	2008	Bullock Construction	9,500 tf
Charlotte NC	Charlotte Trolley	2008	Bullock Construction	5,000 tf

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* Philadelphia, PA	Light Rail Extensions	2008-2010	SEPTA	30,000 tf
* Los Angeles	Mid Expo	2009-2010	Balfour Beatty	31,000 tf
Salt Lake City	West Valley LRT	2009-2010	Stacy and Witbeck	4,000 tf
* Portland, OR	Portland EastSide Streetcar	2010	Stacy and Witbeck	32,500 tf
Dallas, TX	DART Orange Line	2010	Kiewit - SWI	8,750 tf
Tucson, AZ	Tucson Streetcar	2011-2012	Railworks	28,000 tf
* Seattle, WA	First Hill Streetcar	2012-2013	Stacy and Witbeck	28,000 tf
Dallas, TX	McKinney Ave. Streetcar	2012-2013	Rivercity Railroad	2,600 tf
Portland, OR	Portland Milwaukie LRT	2012-2013	Stacy and Witbeck	15,000 tf
Charlotte NC	Charlotte Streetcar	2013-2014	Balfour Beatty	9,000 tf
Cincinnati OH	Cincinnati Streetcar	2013-2014	Delta Railroad	18,000 tf
* Phoenix, AZ	Northwest Extention	2014-2015	Stacy and Witbeck	33,500 tf
* Kansas City, MO	KC Streetcar	2014-2015	Stacy and Witbeck	22,500 tf
New Orleans, LA	Rampart Streetcar	2014-2015	Railworks	14,500 tf
Dallas, TX	Oak Cliff Streetcar Ext	2015-2016	Herzog	11,000 tf
St. Louis	St. Louis Streetcar	2015-2016	Musselman and Hall	13,500 tf
* El Paso, TX	El Paso Streetcar	2016	Railworks	25,500 tf
New Orleans, LA	Cemeteries Transit Center	2017	JPCO - Herzog	2,700 tf
* Oklahoma	Oklahoma City Streetcar	2017-2018	Stacy and Witbeck/Herzog	58,000 tf
* Milwaukee, WI	Milwaukee Streetcar	2017-2018	Kiewit	51,000 tf
current Charlotte NC	Charlotte Streetcar-Gold Line	2018-2019	Bullock Construction	27,000 tf
current Los Angeles, CA	Blue Line Retrofit -Long Beach	2019	Railworks	33,000 tf
current Baltimore, MD	Purple Line	2019	Railworks	708,000 tf

IHECO Projects with 115lb or 136lb Railboot and Snap-On Flangeway