

2006 TOP CRASH LOCATIONS REPORT



JULY 2008





THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF TRANSPORTATION
MASSACHUSETTS HIGHWAY DEPARTMENT

EOT

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LUISA PAIEWONSKY
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Dear Reader:

Enclosed is MassHighway's edition of the 2006 *Top Crash Locations Report*, which may be used to evaluate top crash intersection locations and top crash pedestrian and bicycle locations in order to improve the safety of our roadway system. This report, like last year's report, is a change from previous editions of the top crash locations report in that the focus is on intersection locations and is based on crashes entered into the new Crash Data System (CDS). New for this year, reflecting MassHighway's commitment to a safe multi-modal transportation system, is the identification of top bicycle-motor vehicle and pedestrian-motor vehicle crash locations. This information is also available by contacting your Regional Planning Agencies. In the near future, a report will be published identifying the top interchange locations.

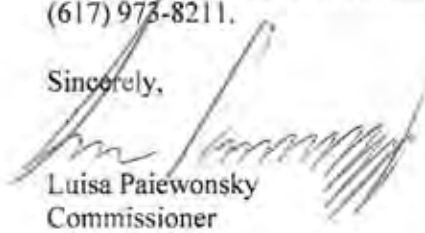
In an effort to reduce injury and fatal crashes, the Massachusetts Highway Department, in cooperation with a wide variety of public and private safety stakeholders, has prepared the Massachusetts Strategic Highway Safety Plan (SHSP). To view the SHSP, download a copy of the Plan or to learn more about it, go to the MassHighway website: <http://www.mhd.state.ma.us/default.asp?pgid=content/traffic/shsp&sid=level2>. The SHSP identified the State's key safety needs and the Plan can be used to guide investment decisions to achieve significant reductions in highway fatalities and serious injuries on all public roads based upon a data-driven process.

I am pleased to present this dataset which may be used as a screening tool to evaluate locations and make changes to improve the safety of our roadway system. The 2006 *Top Crash Locations Report* is one of the tools for the statewide Highway Safety Improvement Program (HSIP) to identify safety projects using a data-driven process.

Please note that this report is based only on crash records that have been entered into the statewide crash system and have been geocoded to a specific location. Although Massachusetts General Laws Chapter 90 § 26 and 29 require drivers and police departments to file crash reports that exceed specific thresholds, this is not always the case. Improving the crash reporting system and the quality of the data will help to focus resources where they are most needed.

I am convinced that we can make great strides in improving safety on Massachusetts roadways for all users. If you have questions, please contact Neil Boudreau, State Traffic Engineer at (617) 973-8211.

Sincerely,


Luisa Paiewonsky
Commissioner



TOP HIGH CRASH LOCATIONS REPORT

Top 200 Intersection Locations 2004-2006

Top Pedestrian Locations 2002-2006

Top Bicycle Locations 2002-2006

Introduction

MassHighway obtains crash data from the Massachusetts Registry of Motor Vehicles (RMV) and uses it for a number of purposes. The primary function, however, is that it provides the foundation for developing safety improvement projects. The Top High Crash Locations Report is one of the tools used in this process. Previously, MassHighway, with the assistance from Central Transportation Planning Staff (CTPS), produced a Top 1000 Highway Crash Locations Report which included all types of locations (interchanges, intersections and rotaries). Last year, MassHighway developed a new report type where the locations identified were crash clusters at intersections (no grade separated locations and no locations with weaving sections). In the report it was noted that in the near future the top bicycle and pedestrian clusters would be identified and reported as well. This year, MassHighway is again preparing a Top High Crash Locations Report which includes the top 200 high crash intersection locations using crash data from 2004-2006 and also includes the highest frequency bicycle-motor vehicle and pedestrian-motor vehicle crash locations for 2002-2006.

The Registry of Motor Vehicles (RMV) obtains crash data from State and local police reports and from motor vehicle operators (motorists) who are involved in crashes. The RMV Crash Records Section collects, enters and maintains crash data records, which are the source of the MassHighway crash data.

To produce this high crash locations listing, MassHighway, with the assistance of Geonetics, has developed an automated procedure for processing, standardizing, matching and aggregating the crash data by geographical location using Geographic Information System (GIS) tools and procedures. This automated process replaced the previous largely-manual process used by CTPS in developing the integrated Top 1000 High Crash Locations Report.

This report, like last year's report, is based on the new Registry of Motor Vehicles crash system which has been operational since 2002 and collects crash information in a different format. The new Crash Data System (CDS) was designed, built and tested over a period of several years involving assistance and input from a number of State, Federal and local agencies, including MassHighway and the Federal Highway Administration. Due to the difficulty of obtaining complete and accurate information on crash locations, one of the key parts of the CDS project was working with the police and the RMV to attempt to obtain more accurate crash location data. New crash data forms for both police and operator reports were designed to correspond to the new data entry system at the RMV. The CDS includes new data entry tools to assist analysts attempting to validate the crash location data. Improved accuracy of the crash data along with the standardization of street names is allowing MassHighway to do a better job of evaluating crash locations. Generally, the geocoding rate (the rate at which crashes can be located to a specific geographical point) has jumped from 62% to nearly 80% of crashes in the statewide system. However, the geocoding rate is not uniform for all crashes nor for all types of crash locations. Some crashes may be more difficult to geocode because of multiple intersections between the same roadway names within a community, inconsistencies in roadway names between E911 files and the Road Inventory File or a host of other reasons.

Furthermore, the reporting levels of some communities have changed dramatically between the old reporting format (pre-2002) and the new format. As an example, one community has dropped reporting levels by nearly a factor of 10, while another community has dramatically increased their reporting levels

so that they are now reporting nearly 10 times the number of crashes. Obviously, these reporting changes significantly impact the results of the Top High Crash Locations Report.

Due to the many difficulties in obtaining precise, useable crash location data and many issues involved in variations in crash reporting rates by some jurisdictions, this report should be used as a general purpose screening tool rather than as a precise listing of crash frequencies by individual locations.

Methodology – Intersection Locations

The intersection crash cluster analysis method, developed by Geonetics, is a comprehensive method designed to locate crash clusters. At the heart of the method is a 25 meter fixed search distance around each crash. In basic terms, this radius controls how far the application will search for adjacent crashes. Using a 25 meter radius, the analysis method found nearby crashes and merged their areas together, thus creating clusters. If two distinct clusters are found to share a common crash, the two clusters are merged into a single cluster. This method of search-and-merge results in a set of many distinct clusters of different sizes. The application then stores these clusters to the GIS output file, along with the count of crashes within the cluster. The clusters were then ranked by the number of Equivalent Property Damage Only (EPDO) crashes contained within their boundaries. As in previous Top Crash Lists, fatal crashes are weighted by 10, injury crashes are weighted by 5 and property damage only or non-reported is weighted by 1. These are the same weights that were used to generate the previous Top 1000 High Crash Locations Report.

The crashes were then named based on the highest functional classification roadway within the cluster, followed by the roadway with the second highest functional classification. In instances where there were two roadways with the identical classification, the first street name selected was the street with the longest segment contained within the cluster. Some cluster naming was modified to insert the name of a private way or site drive, rather than leaving it as unnamed (such as at an intersection of a roadway with a site drive). Note that the area encompassing the crash cluster may be more broad than just the intersection.

The module to automatically determine whether the location was an intersection, rotary, interchange or other, has not yet been developed. Therefore, a review of each location was required to make that determination. Generally, a location was determined to be an “intersection” if the cluster did not contain roadways with grade separation (interchange) nor weaving sections (rotaries or ramps). The clusters were reviewed in descending EPDO order until 200 locations were obtained. A sample of the top 2 ranked intersection locations is included in this report to illustrate the concept of the intersection clustering. The actual crash clusters can be viewed on the interactive maps at mass.gov/mhd/topcrashclusters. Furthermore, a shape file of the top crash intersection locations is available upon request.

The above method was used to develop the top 200 intersection crash locations for crashes occurring during the three year period from 2004 to 2006. As with previous editions, the crash location analysis has been scored over a three-year period. By using crash experience over the three-year period, anomalies in the individual years of data tend to be reduced.

Methodology – Pedestrian and Bicycle Locations

New for this year, the top locations where reported collisions occurred between pedestrians and motor vehicles and bicycles and motor vehicles have been identified. The crash cluster analysis methodology for both the top pedestrian and the top bicycle crashes is similar to the top intersection location methodology in that it uses a fixed meter search distance (for both pedestrian and bicycle crashes it is 100 meters compared to 25 meters for intersection locations) to merge crash clusters together. Crashes involving collisions between motor vehicles and pedestrians or bicycles were identified by using the non-motorist type code within the CDS database (which may yield different results from using most harmful event, first harmful event, or sequence of events data fields). Furthermore, the methodology uses the

Equivalent Property Damage Only (EPDO) weighting to rank the clusters. However, because of the relatively small number of reported pedestrian and bicycle crashes in the crash data file, the clustering analysis used crashes from the five year period from 2002-2006, instead of the three year analysis for intersection locations. Additionally, due to the larger geographic area encompassed by both the pedestrian and the bicycle crash clusters, it was difficult to name them so they were left unnamed but can be viewed spatially. The top 10 ranked pedestrian crash locations and the top 10 bicycle crash locations are included in this report. The actual crash clusters can be viewed on the interactive maps mass.gov/mhd/topcrashclusters.

For further information, please contact Neil Boudreau, State Traffic Engineer, Traffic Engineering Section, Massachusetts Highway Department, 10 Park Plaza, Room 7210, Boston, MA 02116, phone (617) 973-8211.

NOTICE

It should be noted that the Top 200 High Crash Intersection Locations Report was compiled under the authority of United States Code Title 23, Section 148, Highway Safety Improvement Program, sponsored by the Federal Highway Administration. The compilation of such information is, therefore, subject to the limitations of Section 148 (g) (4) which states:

“Discovery and admission into evidence of certain reports, surveys, and information - Notwithstanding any other provision of law, reports, surveys, schedules, lists, or data compiled or collected for any purpose directly relating to paragraph (1) or subsection (c)(1)(D), or published by the Secretary in accordance with paragraph (3), shall not be subject to discovery or admitted into evidence in a Federal or State court proceeding or considered for other purposes in any action for damages arising from any occurrence at a location identified or addressed in such reports, surveys, schedules, lists, or other data.”

2004-2006 STATEWIDE TOP 200 INTERSECTION CRASH LIST

Rank	Town	RPA	MHD District	Street 1	Route 1	Street 2	Route 2	Total Crashes	EPDO Crashes	Fatal Crashes	Injury Crashes	PDO & Non Reported Crashes
1	LOWELL	NMCOG	4	BRIDGE STREET	38	VETERANS OF FOREIGN WARS HIGHWAY		154	384	2	53	99
2	FALL RIVER	SRPEDD	5	PLYMOUTH AVENUE	81	RODMAN STREET		158	310	0	38	120
3	LOWELL	NMCOG	4	MIDDLESEX STREET		WOOD STREET		139	267	0	32	107
4	SHREWSBURY	CMRPC	3	BOSTON TURNPIKE	9	SOUTH QUINSIGAMOND AVENUE		148	260	0	28	120
5	WEYMOUTH	MAPC	4	MAIN STREET	18	MIDDLE STREET		152	256	0	26	126
6	FRAMINGHAM	MAPC	3	HOLLIS STREET	126	WAVERLEY STREET	135	138	243	1	24	113
7	BROCKTON	OCPC	5	WEST ELM STREET		NEWBURY STREET		63	223	0	40	23
8	FRAMINGHAM	MAPC	3	WORCESTER ROAD	9	TEMPLE STREET		105	222	1	27	77
9	STOUGHTON	MAPC & OCPC	5	WASHINGTON STREET	138	CENTRAL STREET		127	219	0	23	104
10	CHICOPEE	PVPC	2	BROADWAY		CHURCH STREET		86	218	0	33	53
11	WOBURN	MAPC	4	MONTVALE AVENUE		WASHINGTON STREET		115	215	0	25	90
12	WORCESTER	CMRPC	3	PARK AVENUE	9	MAY STREET		98	214	0	29	69
12	BROCKTON	OCPC	5	ASH STREET		WEST ELM STREET		70	214	0	36	34
14	CHELSEA	MAPC	4	BROADWAY		CONGRESS AVENUE		78	210	0	33	45
15	BROCKTON	OCPC	5	PLEASANT STREET	27	WEST STREET		91	208	1	27	63
15	FALL RIVER	SRPEDD	5	PRESIDENT AVENUE	6	NORTH MAIN STREET		104	208	0	26	78
17	LOWELL	NMCOG	4	PLAIN STREET		CHELMSFORD STREET	110	97	205	0	27	70
18	FRAMINGHAM	MAPC	3	WORCESTER ROAD	9	CALIFORNIA AVENUE		87	204	1	27	59
19	LOWELL	NMCOG	4	CHURCH STREET	110	APPLETON STREET		95	203	0	27	68
19	BOSTON	MAPC	4	MASSACHUSETTS AVENUE		MELNEA CASS BOULEVARD		90	203	1	26	63
21	LEOMINSTER	MRPC	3	NORTH MAIN STREET	12	NELSON STREET		97	201	0	26	71
22	FRAMINGHAM	MAPC	3	WAVERLEY STREET	135	BEAVER STREET		114	198	0	21	93
23	QUINCY	MAPC	4	HONORABLE THOMAS S BURGIN PARKWAY		GRANITE STREET		104	196	0	23	81
24	WORCESTER	CMRPC	3	BELMONT STREET	9	OAK AVENUE		102	194	0	23	79
25	BRAINTREE	MAPC	4	GRANITE STREET	37	COMMON STREET		77	193	0	29	48
26	LYNN	MAPC	4	WESTERN AVENUE	107	CENTRE STREET		84	192	0	27	57
27	LYNN	MAPC	4	WESTERN AVENUE	107	FRANKLIN STREET		91	191	0	25	66
27	LYNN	MAPC	4	WESTERN AVENUE	107	WASHINGTON STREET	129	87	191	0	26	61
29	PLAINVILLE	SRPEDD	5	WASHINGTON STREET	1	TAUNTON STREET	152	70	190	0	30	40
30	WILMINGTON	MAPC	4	LOWELL STREET	129	WOBURN STREET		63	187	0	31	32
31	BROCKTON	OCPC	5	NORTH MAIN STREET		HOWARD STREET		66	186	0	30	36
32	ABINGTON	OCPC	5	BEDFORD STREET	18	RANDOLPH STREET	139	89	185	0	24	65
33	PEMBROKE	MAPC & OCPC	5	SCHOOSSETT STREET	139	COLUMBIA ROAD	53	63	183	0	30	33
34	MALDEN	MAPC	4	EASTERN AVENUE	60	BROADWAY	99	86	182	0	24	62
35	LEOMINSTER	MRPC	3	MAIN STREET	13	PROSPECT STREET		113	181	0	17	96
35	WORCESTER	CMRPC	3	BELMONT STREET	9	PLANTATION STREET		77	181	0	26	51
37	LYNN	MAPC	4	LYNNFIELD STREET	129	BROADWAY		94	178	0	21	73
37	CONCORD	MAPC	4	CONCORD TURNPIKE	2	MAIN STREET	62	66	178	0	28	38
39	WALTHAM	MAPC	4	MAIN STREET	20	LEXINGTON STREET		101	177	0	19	82
40	BROCKTON	OCPC	5	BELMONT STREET	123	MANLEY STREET		64	176	0	28	36
41	WORCESTER	CMRPC	3	BELMONT STREET	9	GOLDSBERRY STREET		82	174	0	23	59
42	CHELSEA	MAPC	4	REVERE BEACH PARKWAY	16	WASHINGTON AVENUE		70	170	0	25	45
43	WALTHAM	MAPC	4	LEXINGTON STREET		TRAPELO ROAD		81	169	0	22	59
44	TAUNTON	SRPEDD	5	COUNTY STREET	140	HART STREET		67	168	1	23	43
45	NEW BEDFORD	SRPEDD	5	ALFRED BESSETTE MEMORIAL HIGHWAY	140	KEMPTON STREET	6	65	167	2	21	42
46	WORCESTER	CMRPC	3	PARK AVENUE	9	PLEASANT STREET		70	166	0	24	46
47	SWANSEA	SRPEDD	5	MARKET STREET	136	GRAND ARMY OF THE REPUBLIC HIGHWAY	6	79	163	0	21	58
48	LOWELL	NMCOG	4	VETERANS OF FOREIGN WARS HIGHWAY	113	VARNUM AVENUE		94	162	0	17	77
48	BROCKTON	OCPC	5	BELMONT AVENUE		WEST ELM STREET		44	162	2	25	17
50	HAVERHILL	MVPC	4	MAIN STREET	97	BAILEY BOULEVARD		73	161	0	22	51
51	MARLBOROUGH	MAPC	3	EAST MAIN STREET	20	CURTIS AVENUE		92	160	0	17	75
51	WESTFIELD	PVPC	2	FRANKLIN STREET	20	WASHINGTON STREET		68	160	0	23	45
53	NATICK	MAPC	3	WEST CENTRAL STREET	135	SPEEN STREET		95	159	0	16	79
53	BROCKTON	OCPC	5	PLEASANT STREET	27	WARREN AVENUE		67	159	0	23	44
55	ATTLEBORO	SRPEDD	5	WASHINGTON STREET	1	MAY ST		74	158	0	21	53
55	HAVERHILL	MVPC	4	SOUTH MAIN STREET	125	SOUTH PLEASANT STREET		74	158	0	21	53
57	WORCESTER	CMRPC	3	CAMBRIDGE STREET		SOUTHBRIDGE STREET		61	157	0	24	37
57	BROCKTON	OCPC	5	CRESCENT STREET	27	LYMAN STREET		52	157	1	24	27
59	FALL RIVER	SRPEDD	5	SOUTH MAIN STREET	138	GLOBE STREET		79	155	0	19	60
60	LOWELL	NMCOG	4	SCHOOL STREET		BRANCH STREET		66	154	0	22	44
60	WORCESTER	CMRPC	3	LINCOLN STREET	70	MARSH AVENUE		62	154	0	23	39
62	MALDEN	MAPC	4	BROADWAY	99	SALEM STREET		57	153	0	24	33

2004-2006 STATEWIDE TOP 200 INTERSECTION CRASH LIST

Rank	Town	RPA	MHD District	Street 1	Route 1	Street 2	Route 2	Total Crashes	EPDO Crashes	Fatal Crashes	Injury Crashes	PDO & Non Reported Crashes
62	FALL RIVER	SRPEDD	5	BROADWAY	138	BRADFORD AVENUE		73	153	0	20	53
64	LOWELL	NMCOG	4	NESMITH STREET	38	ANDOVER STREET	110	76	152	0	19	57
64	WORCESTER	CMRPC	3	HIGHLAND STREET	9	LANCASTER STREET		64	152	0	22	42
64	LOWELL	NMCOG	4	THORNDIKE STREET	3A	HIGHLAND STREET		59	152	1	21	37
64	NORTH ANDOVER	MVPC	4	CHICKERING ROAD	125	MASSACHUSETTS AVENUE		64	152	0	22	42
64	WEYMOUTH	MAPC	4	MAIN STREET	18	COLUMBIAN STREET		76	152	0	19	57
64	WORCESTER	CMRPC	3	CHANDLER STREET	122	MURRAY AVENUE		72	152	0	20	52
70	WEYMOUTH	MAPC	4	PLEASANT STREET		WASHINGTON STREET	53	79	151	0	18	61
71	LOWELL	NMCOG	4	VETERANS OF FOREIGN WARS HIGHWAY		AIKEN STREET		66	150	0	21	45
71	HAVERHILL	MVPC	4	WINTER STREET	97	WHITE STREET	110	82	150	0	17	65
73	WORCESTER	CMRPC	3	BELMONT STREET	9	LAKE AVENUE NORTH		61	149	0	22	39
74	WESTFORD	NMCOG	3	LITTLETON ROAD	110	BOSTON ROAD		96	148	0	13	83
74	CAMBRIDGE	MAPC	4	MASSACHUSETTS AVENUE	2A	BROOKLINE STREET		72	148	0	19	53
76	WEST BRIDGEWATER	OCPC	5	WEST CENTER STREET	106	NORTH MAIN STREET	28	75	147	0	18	57
76	BROCKTON	OCPC	5	MAIN STREET		LEGION PARKWAY	123	55	147	0	23	32
76	TAUNTON	SRPEDD	5	BROADWAY	138	WASHINGTON STREET		63	147	0	21	42
79	HAVERHILL	MVPC	4	BRIDGE STREET	125	WATER STREET	113	74	146	0	18	56
79	HOLYOKE	PVPC	2	MAPLE STREET		RESNIC BOULEVARD		70	146	0	19	51
81	WELLESLEY	MAPC	4	WORCESTER STREET	9	WELLESLEY FIRE STATION HEADQUARTERS (BY PROXIMITY)		93	145	0	13	80
81	ABINGTON	OCPC	5	BROCKTON AVENUE	123	BEDFORD STREET	18	65	145	0	20	45
81	OXFORD	CMRPC	3	SOUTHBRIDGE ROAD	20	LEICESTER ROAD	56	64	145	1	18	45
84	BROCKTON	OCPC	5	BELMONT STREET	123	LINWOOD STREET		56	144	0	22	34
84	BROOKLINE	MAPC	4	BOYLSTON STREET	9	CHESTNUT HILL AVENUE		52	144	0	23	29
84	WORCESTER	CMRPC	3	LINCOLN STREET	70	COUNTRY CLUB BOULEVARD		56	144	0	22	34
84	BROCKTON	OCPC	5	NORTH MAIN STREET		EAST ASHLAND STREET		56	144	0	22	34
88	CAMBRIDGE	MAPC	4	MEMORIAL DRIVE	3	RIVER STREET		63	143	0	20	43
88	MALDEN	MAPC	4	CENTRE STREET	60	COMMERCIAL STREET		51	143	0	23	28
88	NORWOOD	MAPC	5	BLUE STAR MEMORIAL HIGHWAY	1	DEAN STREET		67	143	0	19	48
88	LOWELL	NMCOG	4	CHELMSFORD STREET	110	INDUSTRIAL AVENUE		71	143	0	18	53
88	WORCESTER	CMRPC	3	MAIN STREET		MILL STREET	12	62	143	1	18	43
88	QUINCY	MAPC	4	SCHOOL STREET		HANCOCK STREET		71	143	0	18	53
94	LOWELL	NMCOG	4	WESTFORD STREET	3A	WILDER STREET		62	142	0	20	42
94	BROCKTON	OCPC	5	NORTH MONTELO STREET	28	HOWARD STREET	37	62	142	0	20	42
96	PITTSFIELD	BRPC	1	LINDEN STREET		SEYMOUR STREET		45	141	0	24	21
96	SOMERSET	SRPEDD	5	GRAND ARMY OF THE REPUBLIC HIGHWAY	6	LEES RIVER AVENUE		45	141	0	24	21
96	RAYNHAM	SRPEDD	5	ROUTE 44	44	ORCHARD STREET		53	141	0	22	31
99	WALPOLE	MAPC	5	PROVIDENCE TURNPIKE	1	HIGH PLAIN STREET	27	72	140	0	17	55
99	NEW BEDFORD	SRPEDD	5	ASHLEY BOULEVARD	18	COGGESHALL STREET		64	140	0	19	45
101	NATICK	MAPC	3	SPEEN STREET		FLUTIE PASS		87	139	0	13	74
101	CAMBRIDGE	MAPC	4	MASSACHUSETTS AVENUE	2A	ALEWIFE BROOK PARKWAY	3	59	139	0	20	39
103	WEYMOUTH	MAPC	4	MAIN STREET	18	POND STREET		82	138	0	14	68
103	HOLBROOK	MAPC	5	SOUTH FRANKLIN STREET	37	UNION STREET	139	62	138	0	19	43
103	QUINCY	MAPC	4	WASHINGTON STREET	3A	SOUTHERN ARTERY	53	78	138	0	15	63
103	FITCHBURG	MRPC	3	LUNENBURG STREET	2A	JOHN FITCH HIGHWAY		66	138	0	18	48
103	LYNN	MAPC	4	ESSEX STREET		JOYCE STREET		62	138	0	19	43
108	WATERTOWN	MAPC	4	GALEN STREET	16	WATERTOWN STREET		52	137	1	19	32
108	WOBURN	MAPC	4	MAIN STREET	38	PLEASANT STREET		77	137	0	15	62
110	LYNN	MAPC	4	BROADWAY		EUCLID AVENUE		56	136	0	20	36
111	CHICOPEE	PVPC	2	MEMORIAL DRIVE	33	PENDLETON AVENUE		51	135	0	21	30
111	WALTHAM	MAPC	4	MOODY STREET		CRESCENT STREET		74	135	1	13	60
111	BOSTON	MAPC	4	WASHINGTON STREET		WEST ROXBURY PARKWAY		43	135	0	23	20
111	BROCKTON	OCPC	5	COURT STREET	27	MONTELO STREET	28	55	135	0	20	35
111	CHELSEA	MAPC	4	REVERE BEACH PARKWAY	16	GARFIELD AVENUE		55	135	0	20	35
116	WEYMOUTH	MAPC	4	WASHINGTON STREET	53	MAIN STREET	18	82	134	0	13	69
117	SHREWSBURY	CMRPC	3	BOSTON TURNPIKE	9	SOUTH STREET		85	133	0	12	73
117	BURLINGTON	MAPC	4	CAMBRIDGE STREET	3A	WINN STREET		77	133	0	14	63
119	BRIDGEWATER	OCPC	5	BROAD STREET	18	MAIN STREET	28	75	131	0	14	61
120	AUBURN	CMRPC	3	SOUTHBRIDGE STREET	20	HILL STREET		46	130	0	21	25
120	MIDDLEBOROUGH	SRPEDD	5	ROUTE 44	44	PLYMPTON STREET	105	54	130	0	19	35
120	LOWELL	NMCOG	4	UNIVERSITY AVENUE	113	UNIVERSITY AVENUE		54	130	0	19	35
120	EASTON	OCPC	5	DEPOT STREET	123	FOUNDRY STREET	106	54	130	0	19	35
124	FALL RIVER	SRPEDD	5	PLEASANT STREET		QUEQUECHAN STREET		73	129	0	14	59

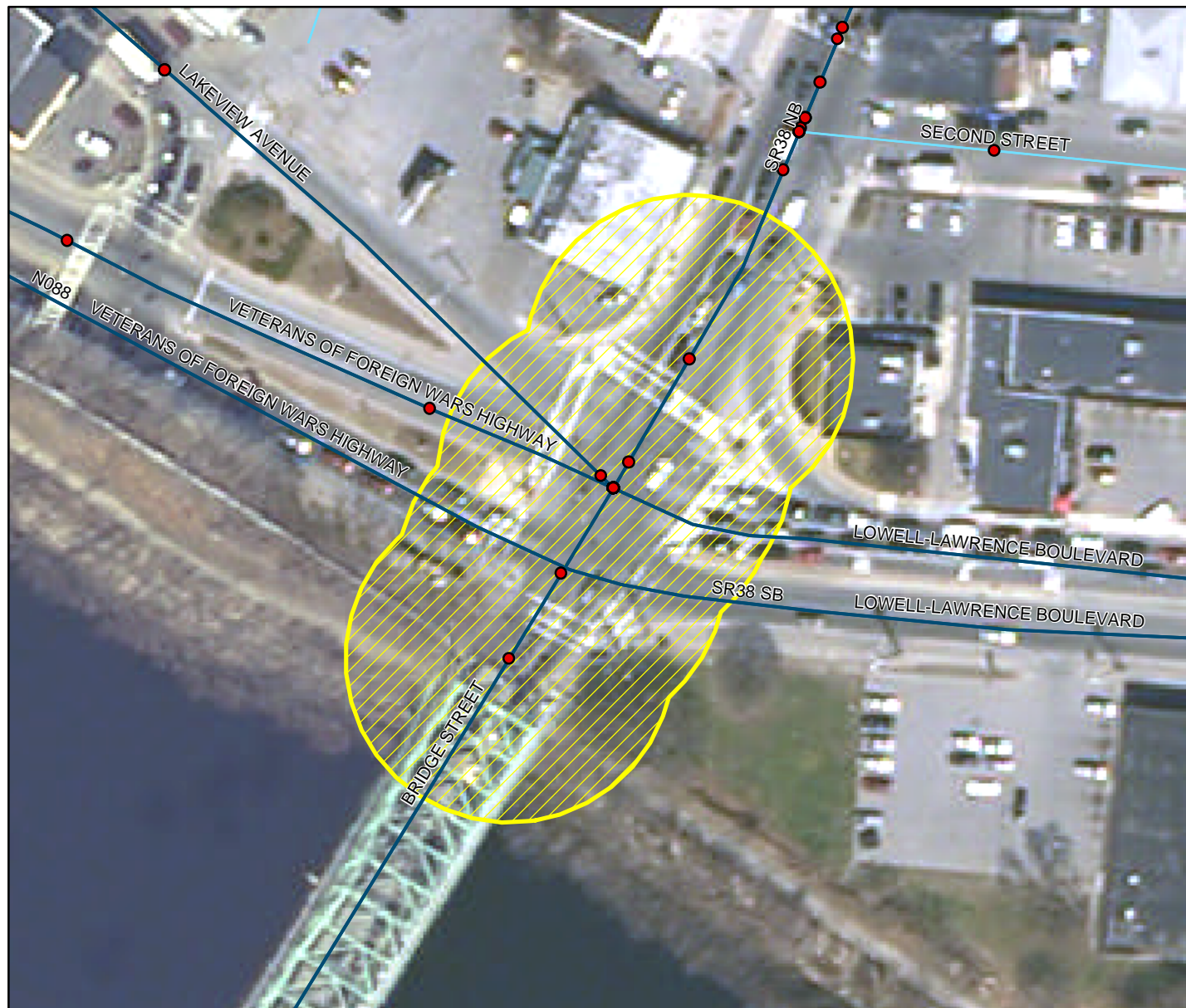
2004-2006 STATEWIDE TOP 200 INTERSECTION CRASH LIST

Rank	Town	RPA	MHD District	Street 1	Route 1	Street 2	Route 2	Total Crashes	EPDO Crashes	Fatal Crashes	Injury Crashes	PDO & Non Reported Crashes
124	WEYMOUTH	MAPC	4	WASHINGTON STREET	53	MIDDLE STREET		77	129	0	13	64
124	SWANSEA	SRPEDD	5	GRAND ARMY OF THE REPUBLIC HIGHWAY	6	SWANSEA MALL DRIVE		53	129	0	19	34
124	FRAMINGHAM	MAPC	3	WORCESTER ROAD	9	DINSMORE AVENUE		57	129	0	18	39
128	QUINCY	MAPC	4	SOUTHERN ARTERY	3A	CODDINGTON STREET		72	128	0	14	58
128	WORCESTER	CMRPC	3	PARK AVENUE	9	HIGHLAND STREET		68	128	0	15	53
128	HAVERHILL	MVPC	4	LAFAYETTE SQUARE	97	BROADWAY		72	128	0	14	58
128	BOSTON	MAPC	4	COLUMBIA ROAD		DORCHESTER AVENUE		47	128	1	18	28
128	WHITMAN	OCPC	5	BEDFORD STREET	18	AUBURN STREET	14	63	128	1	14	48
128	HAVERHILL	MVPC	4	MAIN STREET	125	WINTER STREET	97	76	128	0	13	63
134	EASTON	OCPC	5	FOUNDRY STREET	106	TURNPIKE STREET	138	47	127	0	20	27
134	BROCKTON	OCPC	5	PLEASANT STREET	27	MAIN STREET		43	127	0	21	22
134	CHELSEA	MAPC	4	BROADWAY		FIFTH STREET		59	127	0	17	42
134	WORCESTER	CMRPC	3	HIGHLAND STREET	9	HARVARD STREET		59	127	0	17	42
134	HOLYOKE	PVPC	2	MAIN STREET		JACKSON STREET		51	127	0	19	32
139	WORCESTER	CMRPC	3	PARK AVENUE	9	MILL STREET	12	62	126	0	16	46
139	BOSTON	MAPC	4	COLUMBIA ROAD		MASSACHUSETTS AVENUE		54	126	0	18	36
139	WORCESTER	CMRPC	3	PARK AVENUE	9	CHANDLER STREET	122	66	126	0	15	51
142	PLAINVILLE	SRPEDD	5	MESSENGER STREET	106	TAUNTON STREET	152	61	125	0	16	45
142	FALL RIVER	SRPEDD	5	BEDFORD STREET		TROY STREET		45	125	0	20	25
142	BOSTON	MAPC	4	MORTON STREET	203	HARVARD STREET		49	125	0	19	30
142	ATTLEBORO	SRPEDD	5	HIGHLAND AVENUE	123	WASHINGTON STREET	1	69	125	0	14	55
146	LYNN	MAPC	4	ESSEX STREET		FAYETTE STREET		56	124	0	17	39
146	NORTH ATTLEBOROUGH	SRPEDD	5	EAST WASHINGTON STREET	1	CHESTNUT STREET		55	124	1	15	39
146	MIDDLEBOROUGH	SRPEDD	5	SOUTH MAIN STREET	105	EAST GROVE STREET	28	64	124	0	15	49
146	WESTBOROUGH	CMRPC	3	BOSTON WORCESTER TURNPIKE	9	LYMAN STREET		68	124	0	14	54
146	LYNN	MAPC	4	ESSEX STREET		CHATHAM STREET		60	124	0	16	44
151	NATICK	MAPC	3	WORCESTER STREET	9	OAK STREET		74	123	1	10	63
151	BROCKTON	OCPC	5	CENTRE STREET	123	PLYMOUTH STREET		39	123	0	21	18
153	FITCHBURG	MRPC	3	JOHN FITCH HIGHWAY		SUMMER STREET		50	122	0	18	32
153	LYNN	MAPC	4	UNION STREET		WEST GREEN STREET		58	122	0	16	42
153	EVERETT	MAPC	4	REVERE BEACH PARKWAY	16	VINE STREET		34	122	0	22	12
153	WESTFIELD	PVPC	2	EAST MAIN STREET	20	LITTLE RIVER ROAD	187	42	122	0	20	22
153	WORCESTER	CMRPC	3	HIGHLAND STREET	9	MAIN STREET		66	122	0	14	52
158	RANDOLPH	MAPC	4	NORTH MAIN STREET	28	UNION STREET	139	64	120	0	14	50
158	FALL RIVER	SRPEDD	5	PRESIDENT AVENUE	6	DAVOL STREET		60	120	0	15	45
158	BROOKLINE	MAPC	4	BEACON STREET		SAINT PAUL STREET		56	120	0	16	40
158	SOMERVILLE	MAPC	4	BROADWAY		ALEWIFE BROOK PARKWAY	16	60	120	0	15	45
162	SWAMPSCOTT	MAPC	4	PARADISE ROAD	1A	SWAMPSCOTT MALL		46	119	1	16	29
162	WORCESTER	CMRPC	3	MAIN STREET		MAPLE STREET		51	119	0	17	34
162	LYNN	MAPC	4	CHESTNUT STREET		UNION STREET		59	119	0	15	44
162	WALPOLE	MAPC	5	PROVIDENCE TURNPIKE	1	CONY STREET		55	119	0	16	39
162	HADLEY	PVPC	2	RUSSELL STREET	9	MIDDLE STREET	47	47	119	0	18	29
167	NORTH ANDOVER	MVPC	4	TURNPIKE STREET	114	PETERS STREET	133	50	118	0	17	33
167	BROCKTON	OCPC	5	CENTRE STREET	123	QUINCY STREET		54	118	0	16	38
167	BROOKLINE	MAPC	4	BOYLSTON STREET	9	RESERVOIR ROAD		54	118	0	16	38
167	FRAMINGHAM	MAPC	3	CONCORD STREET	126	LINCOLN STREET		46	118	0	18	28
167	DARTMOUTH	SRPEDD	5	STATE ROAD	6	HATHAWAY ROAD		50	118	0	17	33
167	BROCKTON	OCPC	5	REYNOLDS HIGHWAY	27	WESTGATE DRIVE		38	118	0	20	18
167	TEWKSBURY	NMCOG	4	MAIN STREET	38	SHAWSEEN STREET		50	118	0	17	33
174	HOLYOKE	PVPC	2	HOLYOKE STREET		MALL DRIVE		73	117	0	11	62
174	NORTH ANDOVER	MVPC	4	TURNPIKE STREET	114	ANDOVER STREET	125	49	117	0	17	32
174	WEYMOUTH	MAPC	4	UNION STREET		PLEASANT STREET		69	117	0	12	57
174	LINCOLN	MAPC	4	CAMBRIDGE TURNPIKE	2	BEDFORD ROAD		41	117	0	19	22
178	BOSTON	MAPC	4	MORTON STREET	203	GALLIVAN BOULEVARD		36	116	0	20	16
178	MALDEN	MAPC	4	CENTRE STREET	60	MAIN STREET		48	116	0	17	31
178	WEYMOUTH	MAPC	4	MAIN STREET	18	PARK AVENUE		64	116	0	13	51
181	WELLESLEY	MAPC	4	WORCESTER STREET	9	OAKLAND STREET		55	115	0	15	40
181	LYNN	MAPC	4	WESTERN AVENUE	107	BURNS STREET		47	115	0	17	30
181	PEABODY	MAPC	4	MAIN STREET		CALLER STREET		43	115	0	18	25
181	WORCESTER	CMRPC	3	MADISON STREET	122	SOUTHBRIDGE STREET		46	115	1	15	30
181	EVERETT	MAPC	4	REVERE BEACH PARKWAY	16	SECOND STREET		38	115	1	17	20
181	LOWELL	NMCOG	4	WESTFORD STREET	3A	SCHOOL STREET		43	115	0	18	25

2004-2006 STATEWIDE TOP 200 INTERSECTION CRASH LIST

Rank	Town	RPA	MHD District	Street 1	Route 1	Street 2	Route 2	Total Crashes	EPDO Crashes	Fatal Crashes	Injury Crashes	PDO & Non Reported Crashes
181	SOMERSET	SRPEDD	5	GRAND ARMY OF THE REPUBLIC HIGHWAY	6	RIVERSIDE AVENUE	103	63	115	0	13	50
188	OXFORD	CMRPC	3	MAIN STREET	12	SUTTON AVENUE		62	114	0	13	49
188	SOMERSET	SRPEDD	5	GRAND ARMY OF THE REPUBLIC HIGHWAY	6	BRAYTON POINT ROAD		54	114	0	15	39
188	HINGHAM	MAPC	5	WHITING STREET	53	MAIN STREET	228	70	114	0	11	59
188	FALL RIVER	SRPEDD	5	BROADWAY	138	MIDDLE STREET		45	114	1	15	29
192	BROCKTON	OCPC	5	BELMONT STREET	123	PEARL STREET		45	113	0	17	28
192	LOWELL	NMCOG	4	PAWTUCKET STREET		SCHOOL STREET		57	113	0	14	43
192	CAMBRIDGE	MAPC	4	MASSACHUSETTS AVENUE	2A	VASSAR STREET		41	113	0	18	23
192	BOSTON	MAPC	4	DORCHESTER AVENUE		GALLIVAN BOULEVARD	203	41	113	0	18	23
192	BROCKTON	OCPC	5	FOREST AVENUE		BOUVE AVENUE		37	113	0	19	18
192	WEYMOUTH	MAPC	4	WASHINGTON STREET	53	COMMERCIAL STREET		69	113	0	11	58
198	FRAMINGHAM	MAPC	3	CONCORD STREET	126	UNION AVENUE		60	112	0	13	47
198	WORCESTER	CMRPC	3	CHANDLER STREET	122	MILL STREET		40	112	0	18	22
198	WELLESLEY	MAPC	4	WORCESTER STREET	9	WELLESLEY FIRE STATION HEADQUARTERS (BY ADDRESS)		60	112	0	13	47
198	BROCKTON	OCPC	5	MONTELLO STREET	28	GROVE STREET		32	112	0	20	12
198	WORCESTER	CMRPC	3	LINCOLN STREET	70	GOLDTHWAITE ROAD		40	112	0	18	22
203	FAIRHAVEN	SRPEDD	5	ALDEN ROAD		BRIDGE STREET		51	111	0	15	36
203	NORTH ATTLEBOROUGH	SRPEDD	5	SOUTH WASHINGTON STREET	1	EAST WASHINGTON STREET		55	111	0	14	41
203	BOSTON	MAPC	4	BLUE HILL AVENUE	28	MORTON STREET	203	47	111	0	16	31
203	LYNN	MAPC	4	FRANKLIN STREET		BOSTON STREET		75	111	0	9	66
203	QUINCY	MAPC	4	NEWPORT AVENUE		BEALE STREET		67	111	0	11	56
203	CAMBRIDGE	MAPC	4	MASSACHUSETTS AVENUE	2A	ESSEX STREET		47	111	0	16	31

Top Crash Intersections 2004-2006



0 62.5 125 187.5 250 Feet

RANK

1

LOWELL

BRIDGE STREET ROUTE 38
VETERANS OF FOREIGN WARS HIGHWAY

MHD District 4

RPA NMCOC

EPDO 384

Number of Fatal Crashes 2

Number of Injury Crashes 53

Number of Non-Injury Crashes 99

Total Crashes 154

Legend

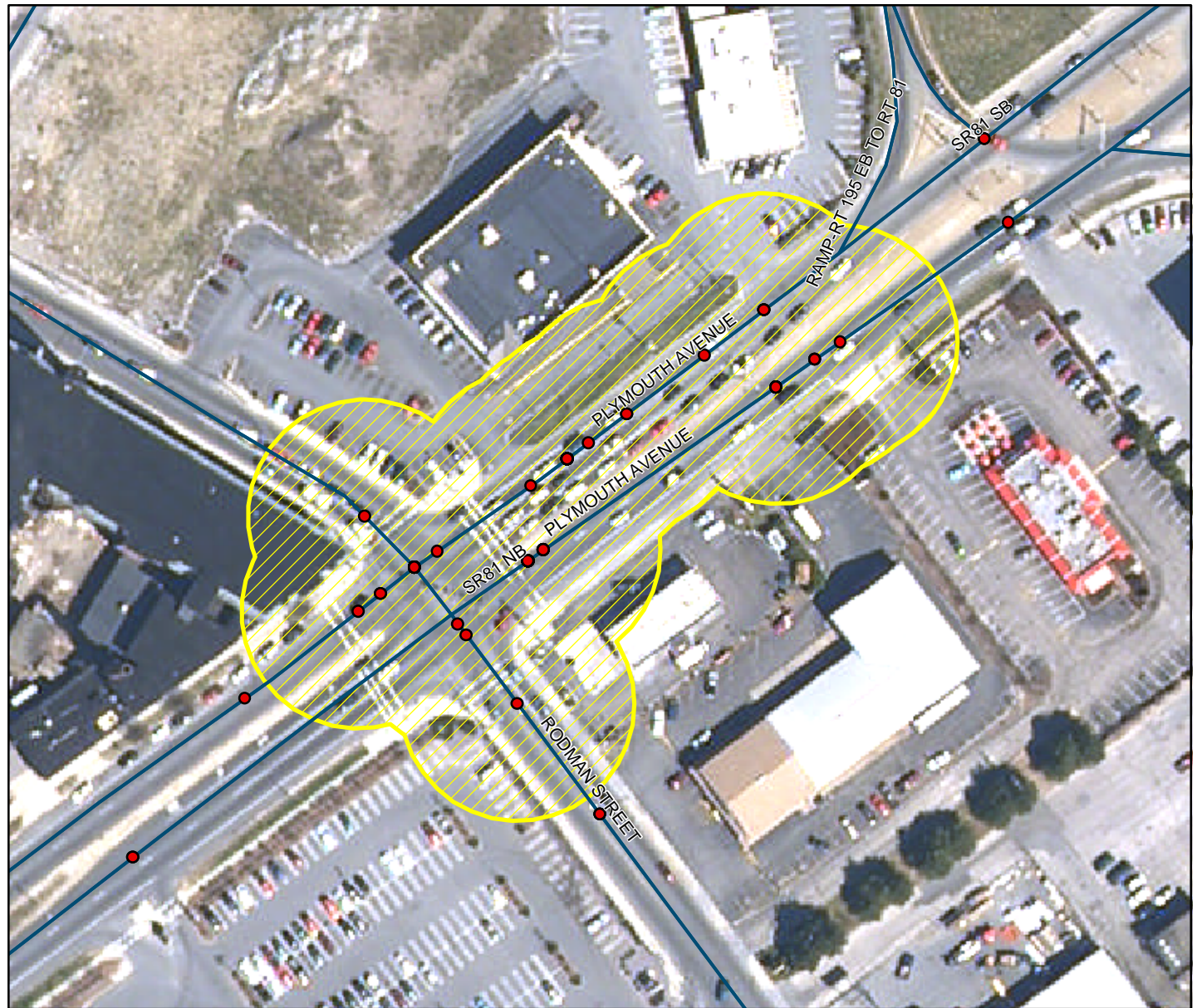
● Crash Locations 2004-2006

Local Roads

All Functional Classification Except Local Roads

Top Crash Intersections

Top Crash Intersections 2004-2006



0 87.5 175 262.5 350 Feet

RANK
2

FALL RIVER

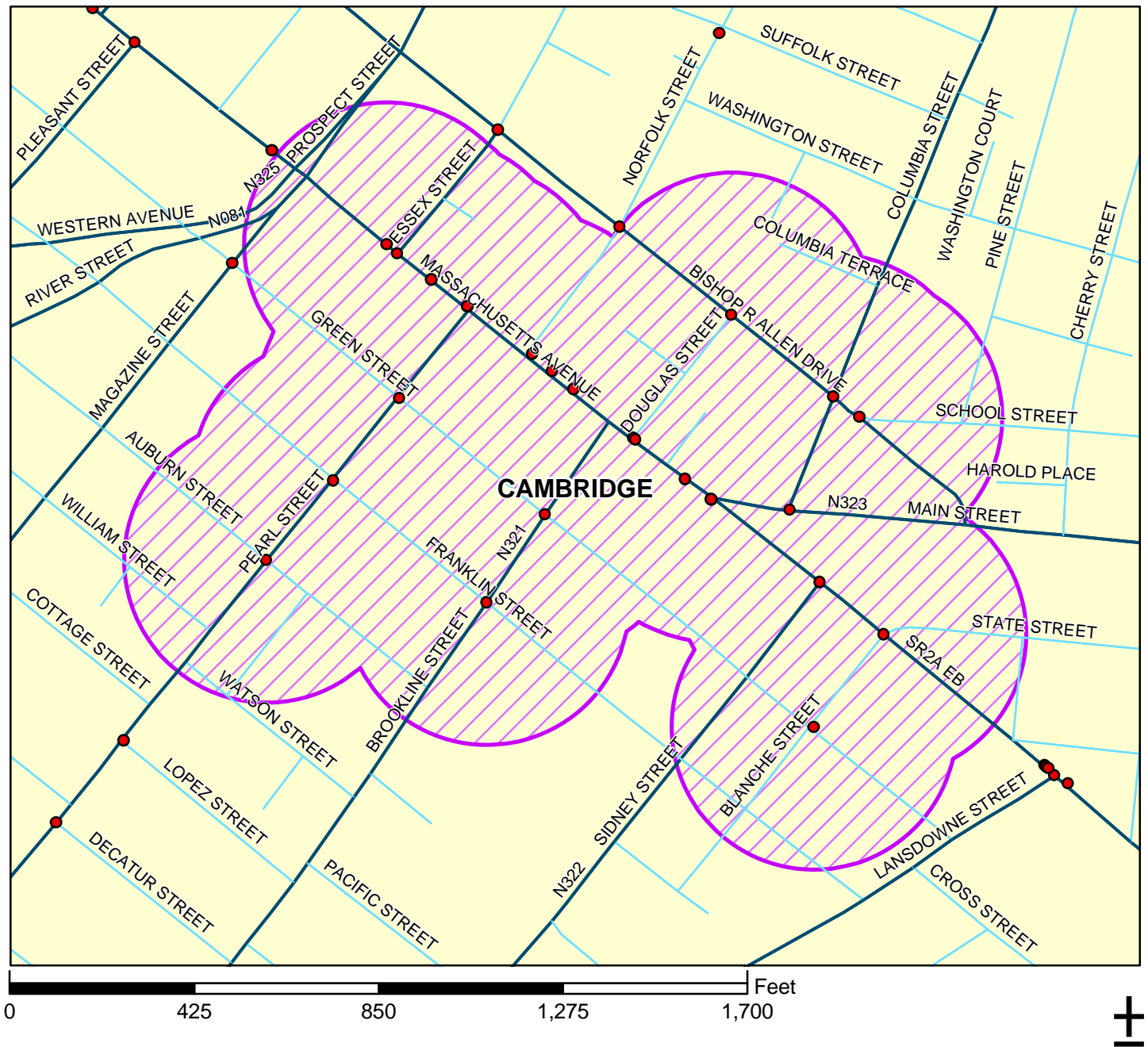
PLYMOUTH AVENUE ROUTE 81
RODMAN STREET

MHD District 5
RPA SRPEDD
EPDO 310
Number of Fatal Crashes 0
Number of Injury Crashes 38
Number of Non-Injury Crashes 120
Total Crashes 158

Legend

- Crash Locations 2004-2006
- Local Roads
- All Functional Classification Except Local Roads
- Top Crash Intersections

Top Bicycle Crash Cluster 2002-2006



RANK

1

CAMBRIDGE

RPA MAPC

EPDO 137

Number of Fatal Bicycle Crashes 1

Number of Injury Bicycle Crashes 23

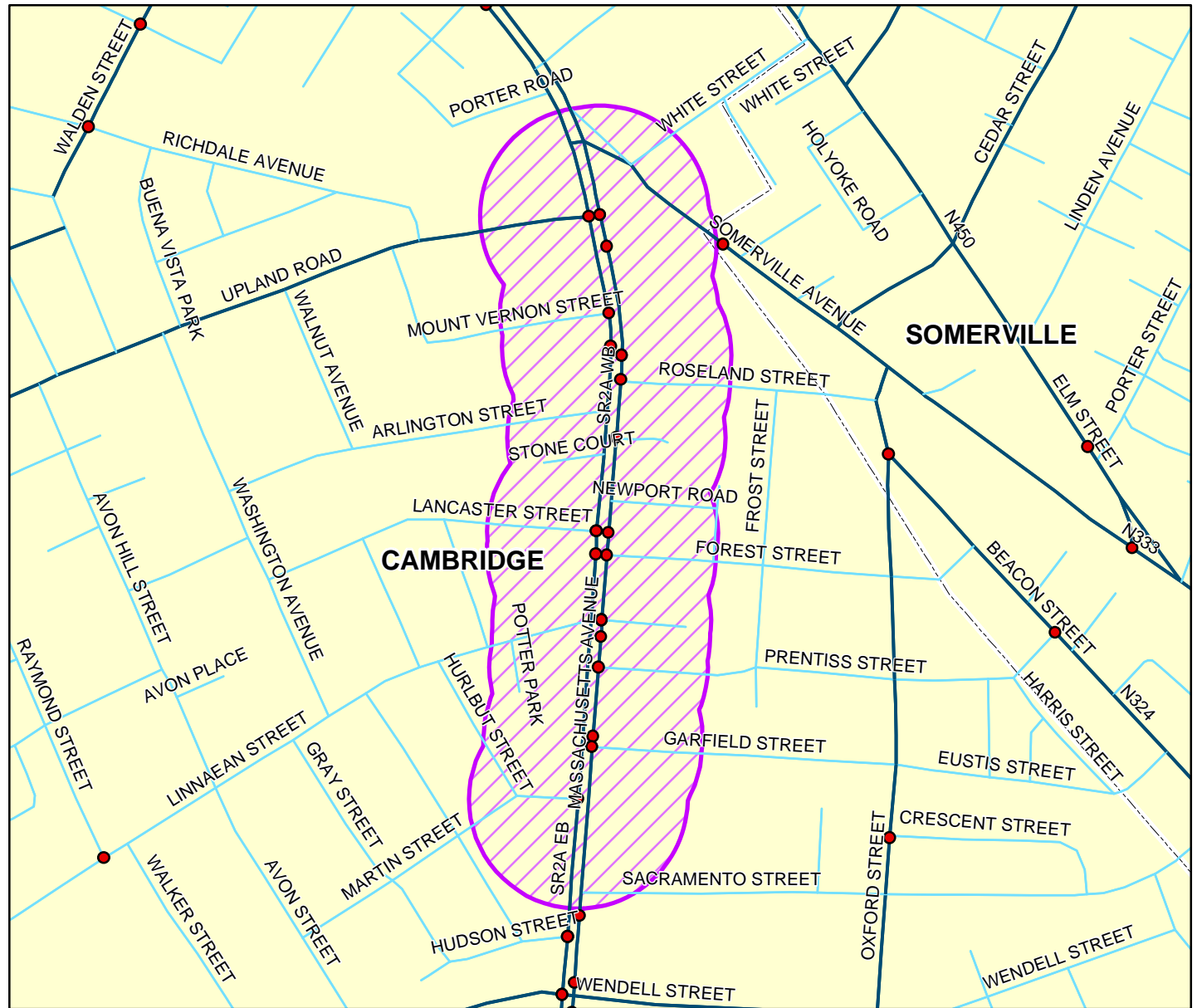
Number of Non-Injury Bicycle Crashes 12

Total Bicycle Crashes 36

Legend

- Bicycle Crash Locations 2002-2006
- Local Roads
- All Functional Classification Except Local Roads
- Top Bicycle Crash Cluster
- Municipal Boundary

Top Bicycle Crash Cluster 2002-2006



RANK
2

CAMBRIDGE

RPA MAPC

EPDO 92

Number of Fatal Bicycle Crashes 0

Number of Injury Bicycle Crashes 17

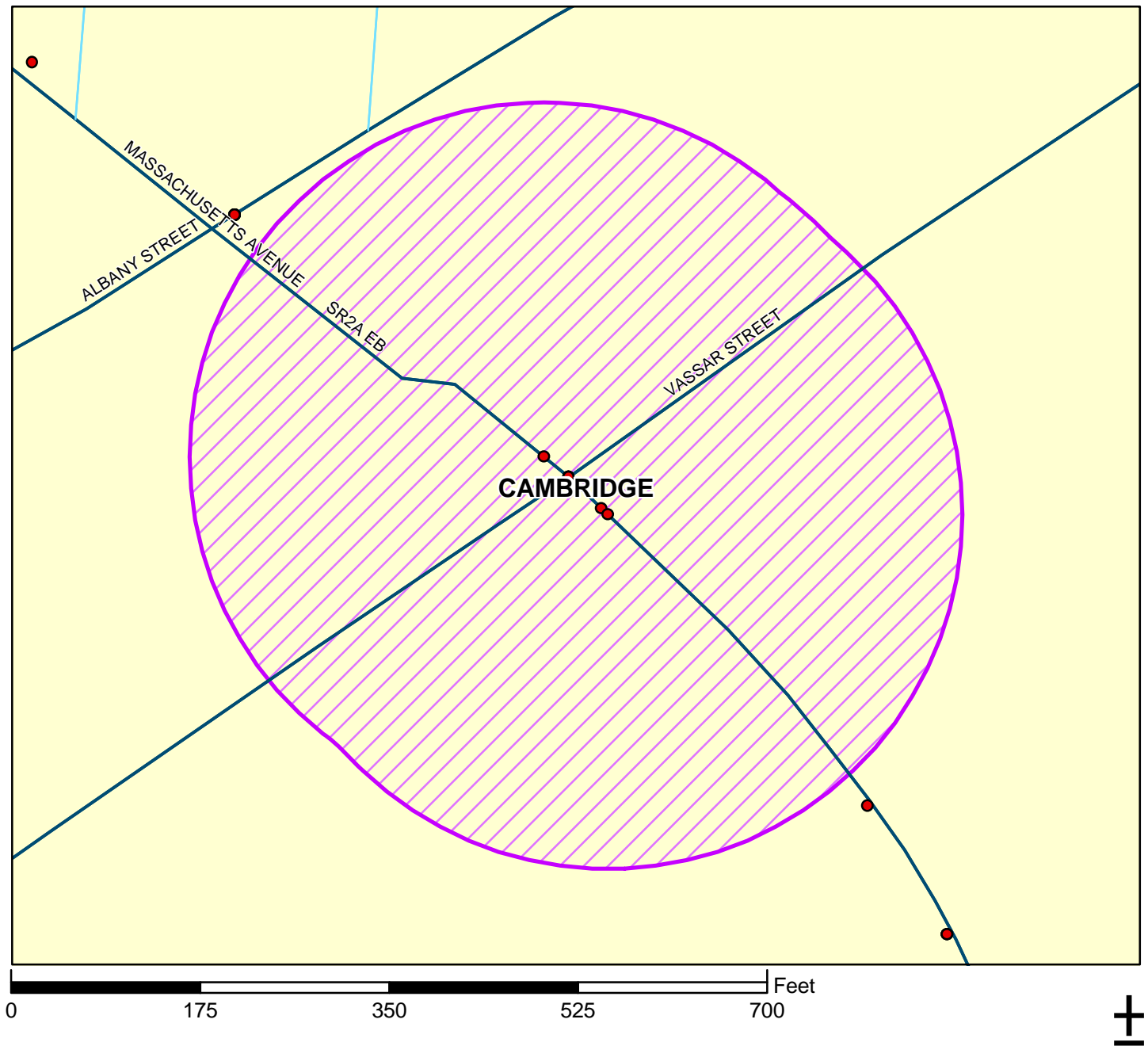
Number of Non-Injury Bicycle Crashes 7

Total Bicycle Crashes 24

Legend

- Bicycle Crash Locations 2002-2006
- Local Roads
- All Functional Classification Except Local Roads
- Top Bicycle Crash Cluster
- Municipal Boundary

Top Bicycle Crash Cluster 2002-2006



RANK
3

CAMBRIDGE

RPA MAPC

EPDO 52

Number of Fatal Bicycle Crashes 0

Number of Injury Bicycle Crashes 10

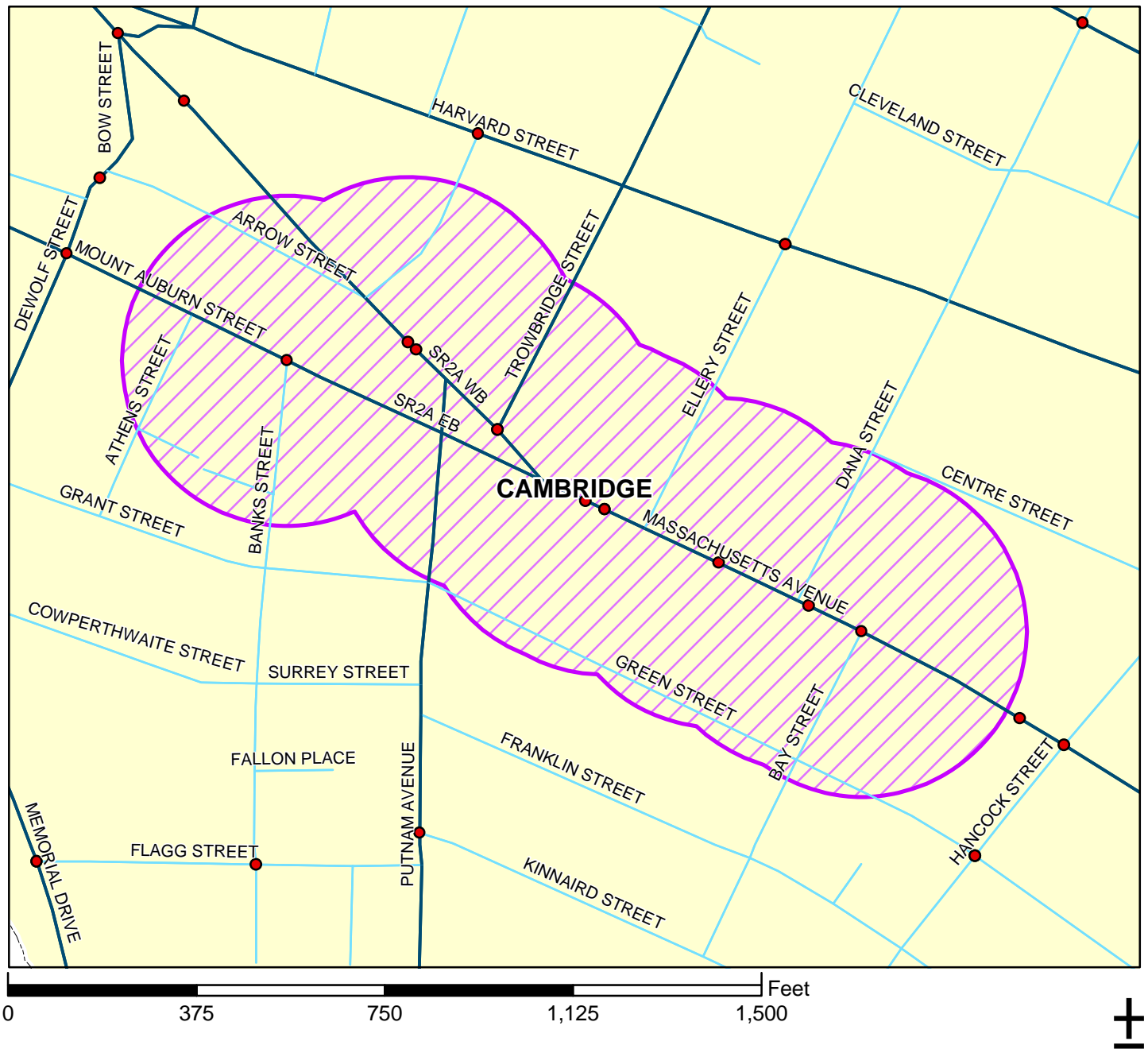
Number of Non-Injury Bicycle Crashes 2

Total Bicycle Crashes 12

Legend

- Bicycle Crash Locations 2002-2006
- Local Roads
- All Functional Classification Except Local Roads
- Top Bicycle Crash Cluster
- Municipal Boundary

Top Bicycle Crash Cluster 2002-2006



RANK
4

CAMBRIDGE

RPA MAPC

EPDO 48

Number of Fatal Bicycle Crashes 0

Number of Injury Bicycle Crashes 9

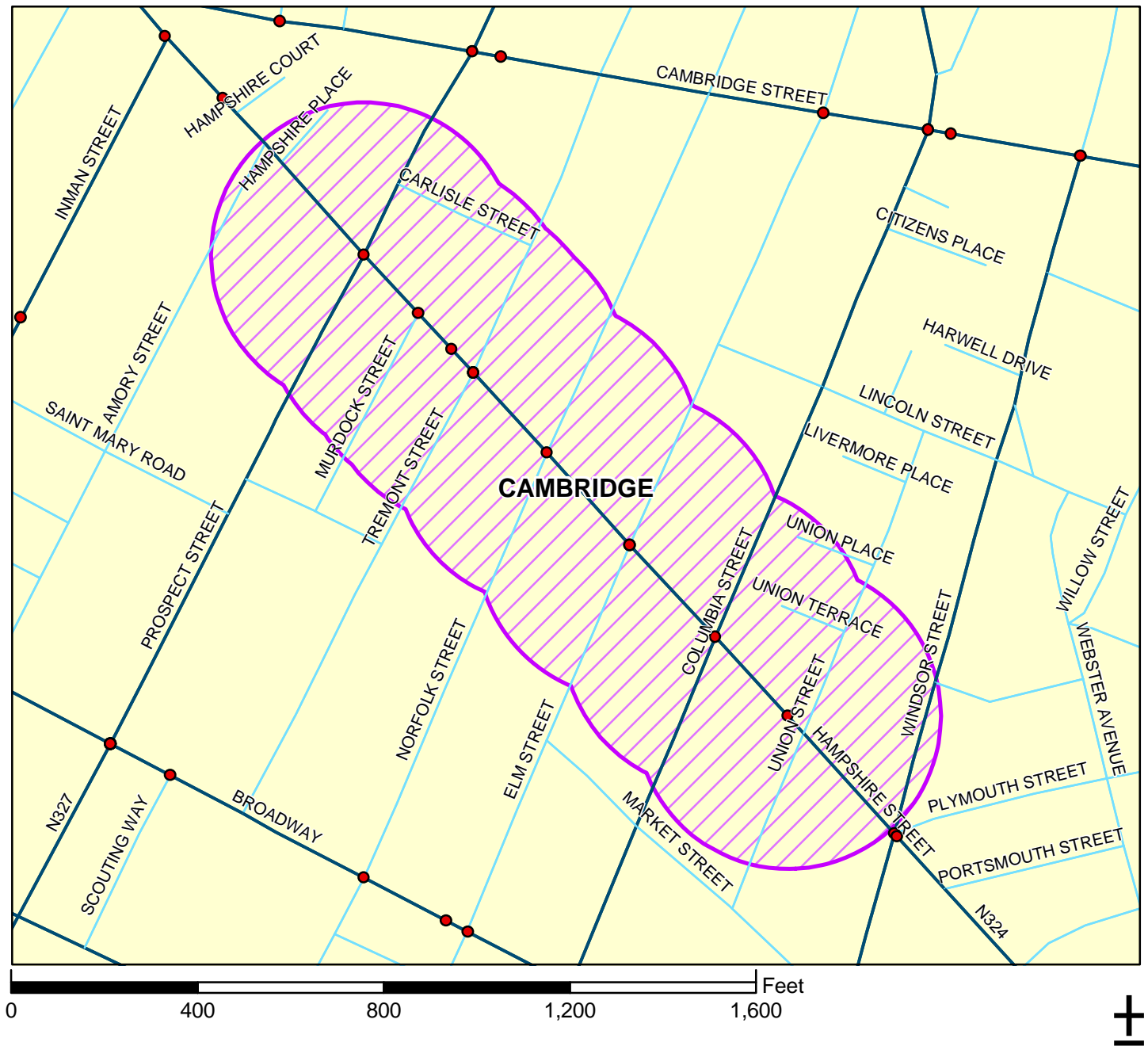
Number of Non-Injury Bicycle Crashes 3

Total Bicycle Crashes 12

Legend

- Bicycle Crash Locations 2002-2006
- Local Roads
- All Functional Classification Except Local Roads
- ▨ Top Bicycle Crash Cluster
- Municipal Boundary

Top Bicycle Crash Cluster 2002-2006



RANK
5

CAMBRIDGE

RPA MAPC

EPDO 43

Number of Fatal Bicycle Crashes 0

Number of Injury Bicycle Crashes 8

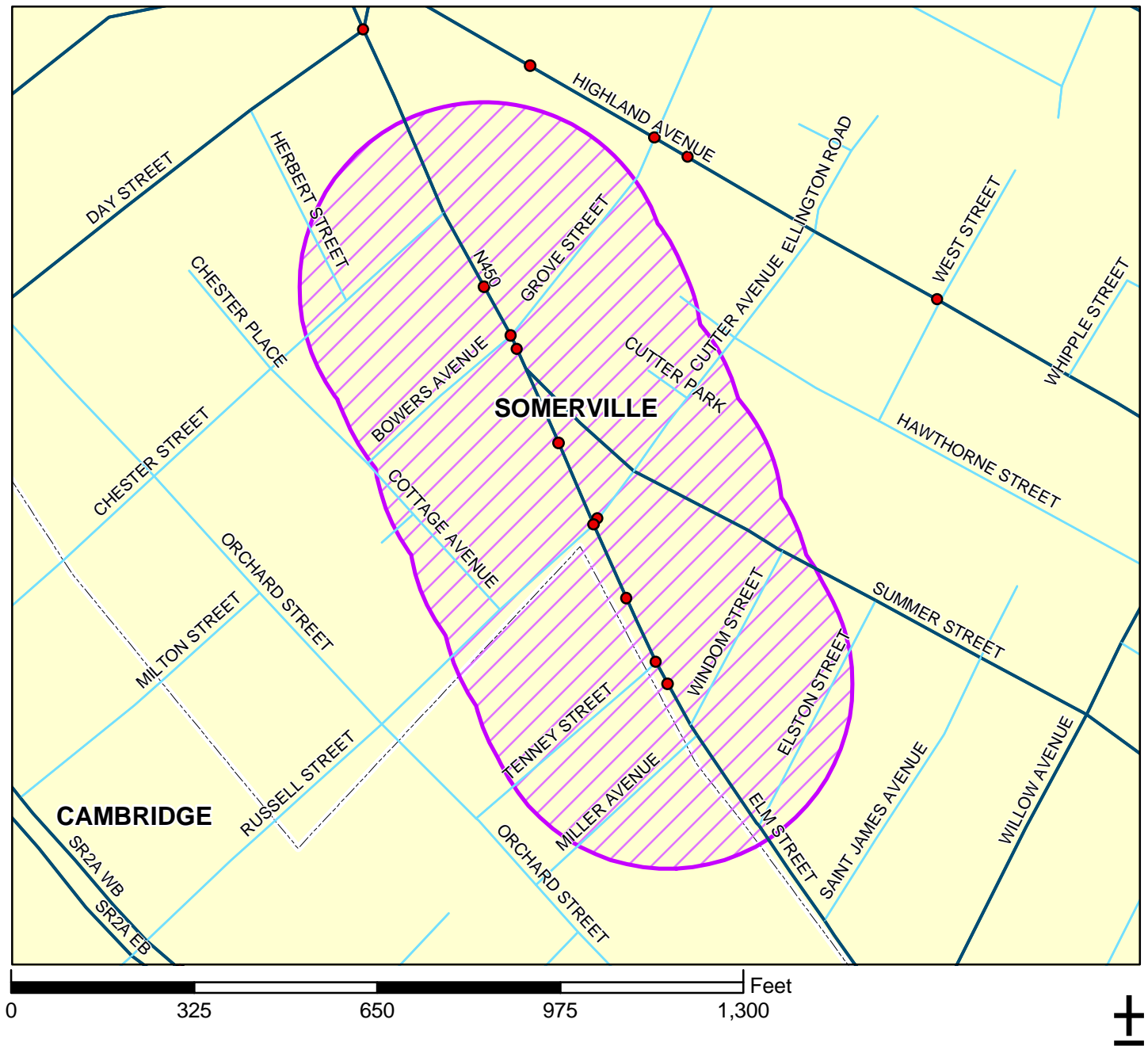
Number of Non-Injury Bicycle Crashes 3

Total Bicycle Crashes 11

Legend

- Bicycle Crash Locations 2002-2006
- Local Roads
- All Functional Classification Except Local Roads
- ▨ Top Bicycle Crash Cluster
- Municipal Boundary

Top Bicycle Crash Cluster 2002-2006



RANK
6

SOMERVILLE

RPA MAPC

EPDO 41

Number of Fatal Bicycle Crashes 0

Number of Injury Bicycle Crashes 8

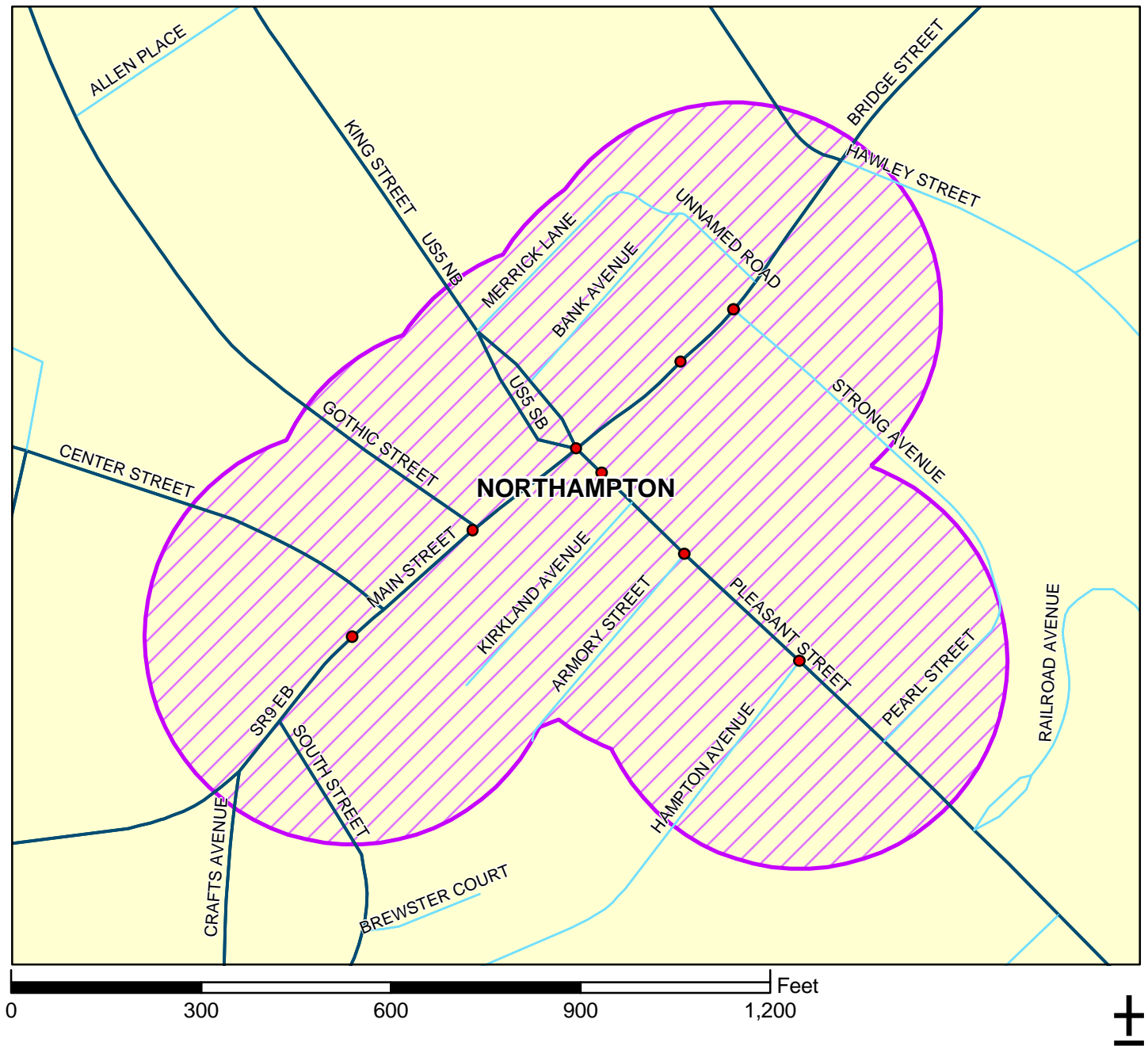
Number of Non-Injury Bicycle Crashes 1

Total Bicycle Crashes 9

Legend

- Bicycle Crash Locations 2002-2006
- Local Roads
- All Functional Classification Except Local Roads
- Top Bicycle Crash Cluster
- Municipal Boundary

Top Bicycle Crash Cluster 2002-2006



RANK
6

NORTHAMPTON

RPA PVPC

EPDO 41

Number of Fatal Bicycle Crashes 0

Number of Injury Bicycle Crashes 8

Number of Non-Injury Bicycle Crashes 1

Total Bicycle Crashes 9

Legend

● Bicycle Crash Locations 2002-2006

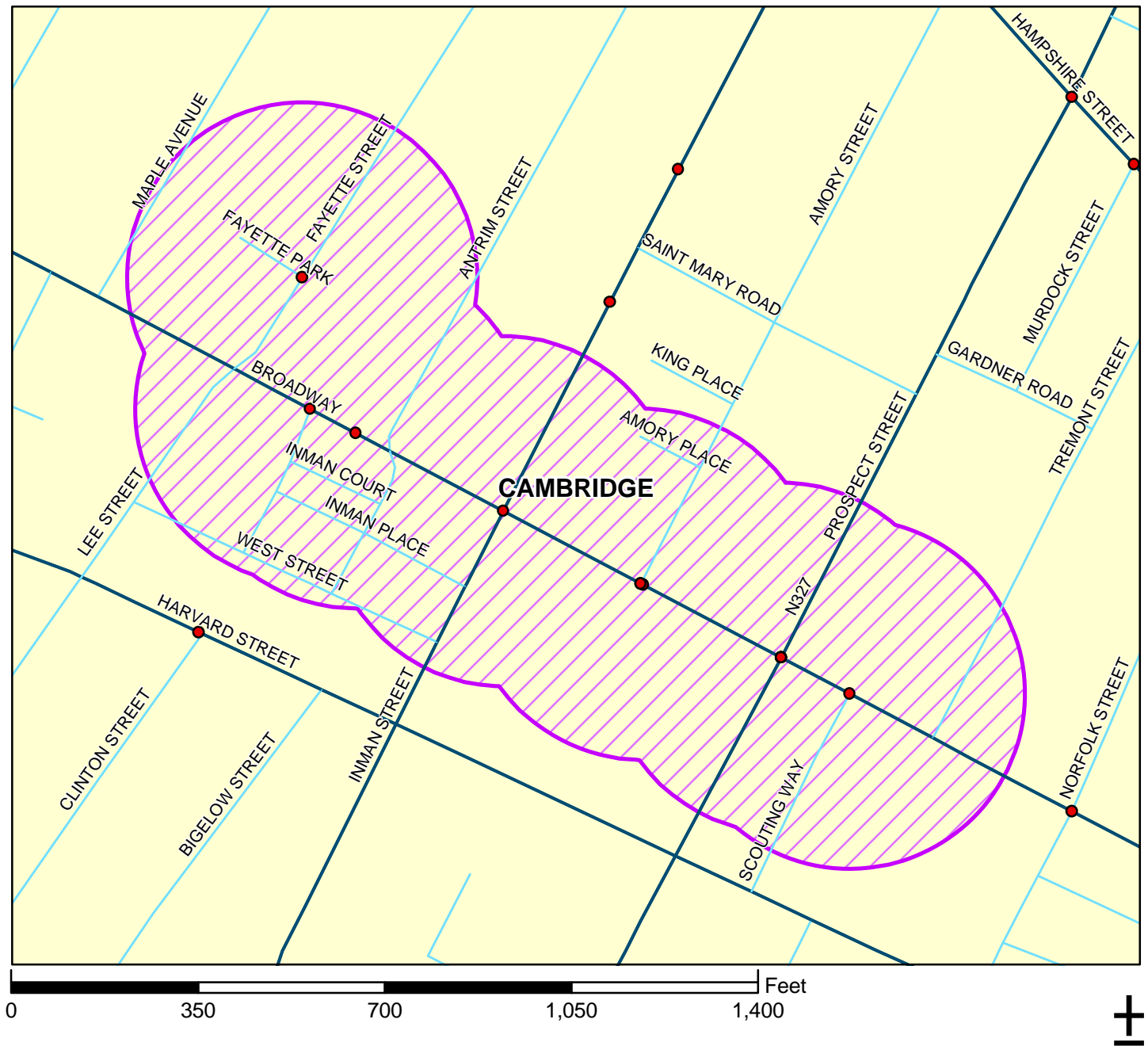
Local Roads

All Functional Classification Except Local Roads

Top Bicycle Crash Cluster

Municipal Boundary

Top Bicycle Crash Cluster 2002-2006



RANK
8

CAMBRIDGE

RPA MAPC

EPDO 40

Number of Fatal Bicycle Crashes 0

Number of Injury Bicycle Crashes 6

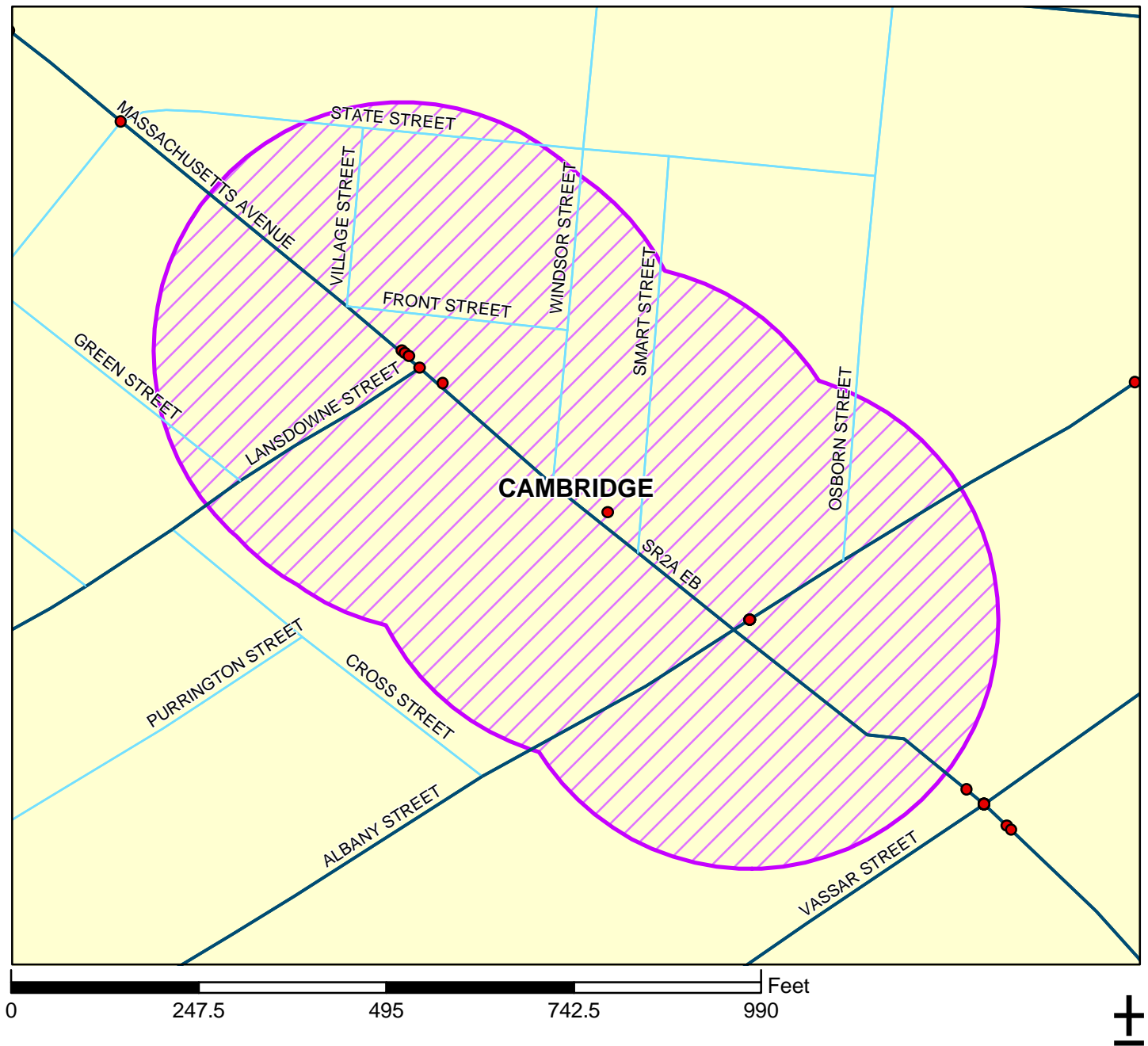
Number of Non-Injury Bicycle Crashes 10

Total Bicycle Crashes 16

Legend

- Bicycle Crash Locations 2002-2006
- Local Roads
- All Functional Classification Except Local Roads
- Top Bicycle Crash Cluster
- Municipal Boundary

Top Bicycle Crash Cluster 2002-2006



RANK
8

CAMBRIDGE

RPA MAPC

EPDO 40

Number of Fatal Bicycle Crashes 0

Number of Injury Bicycle Crashes 7

Number of Non-Injury Bicycle Crashes 5

Total Bicycle Crashes 12

Legend

● Bicycle Crash Locations 2002-2006

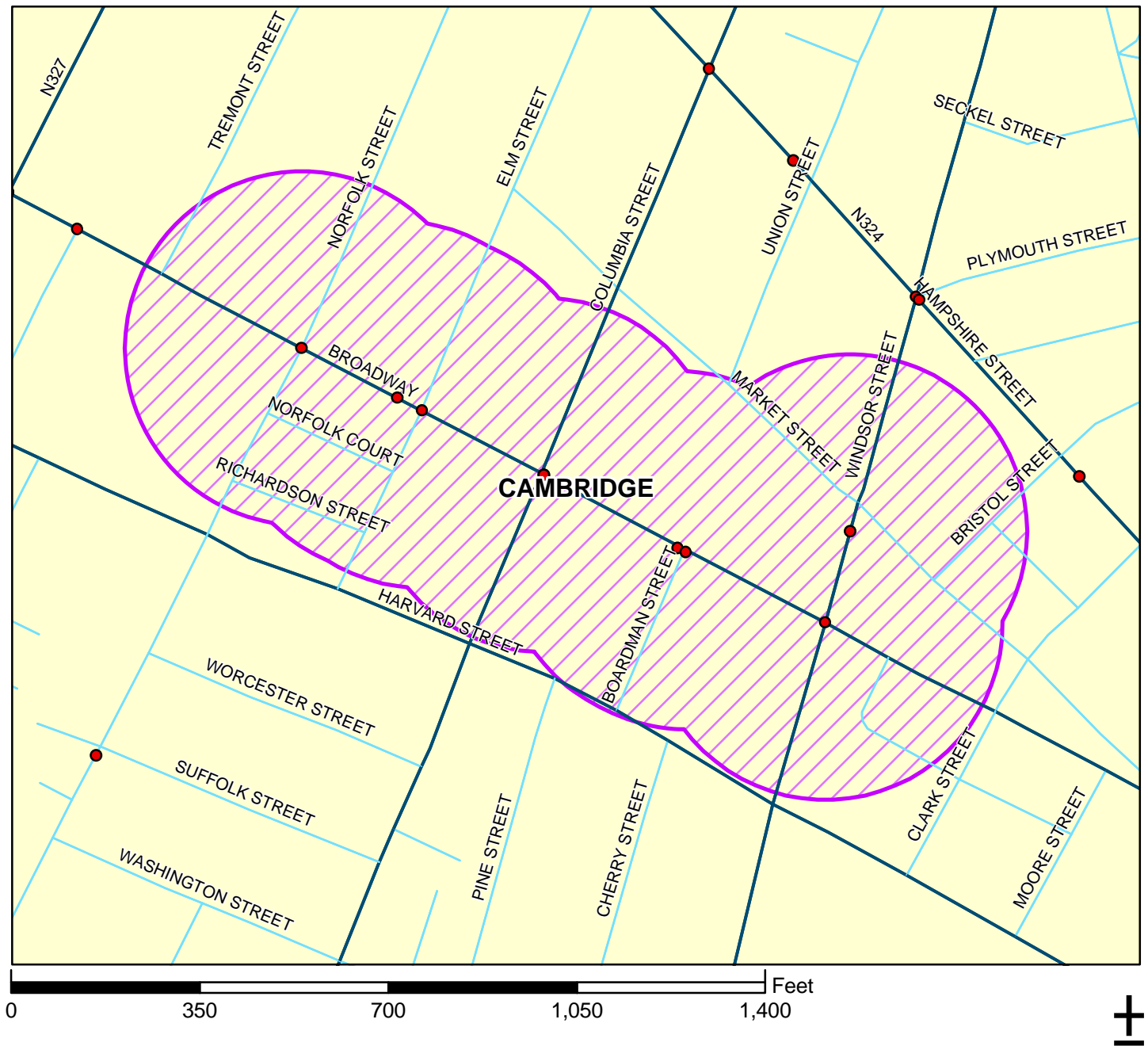
Local Roads

All Functional Classification Except Local Roads

Top Bicycle Crash Cluster

Municipal Boundary

Top Bicycle Crash Cluster 2002-2006



RANK
10

CAMBRIDGE

RPA MAPC

EPDO 37

Number of Fatal Bicycle Crashes 0

Number of Injury Bicycle Crashes 7

Number of Non-Injury Bicycle Crashes 2

Total Bicycle Crashes 9

Legend

● Bicycle Crash Locations 2002-2006

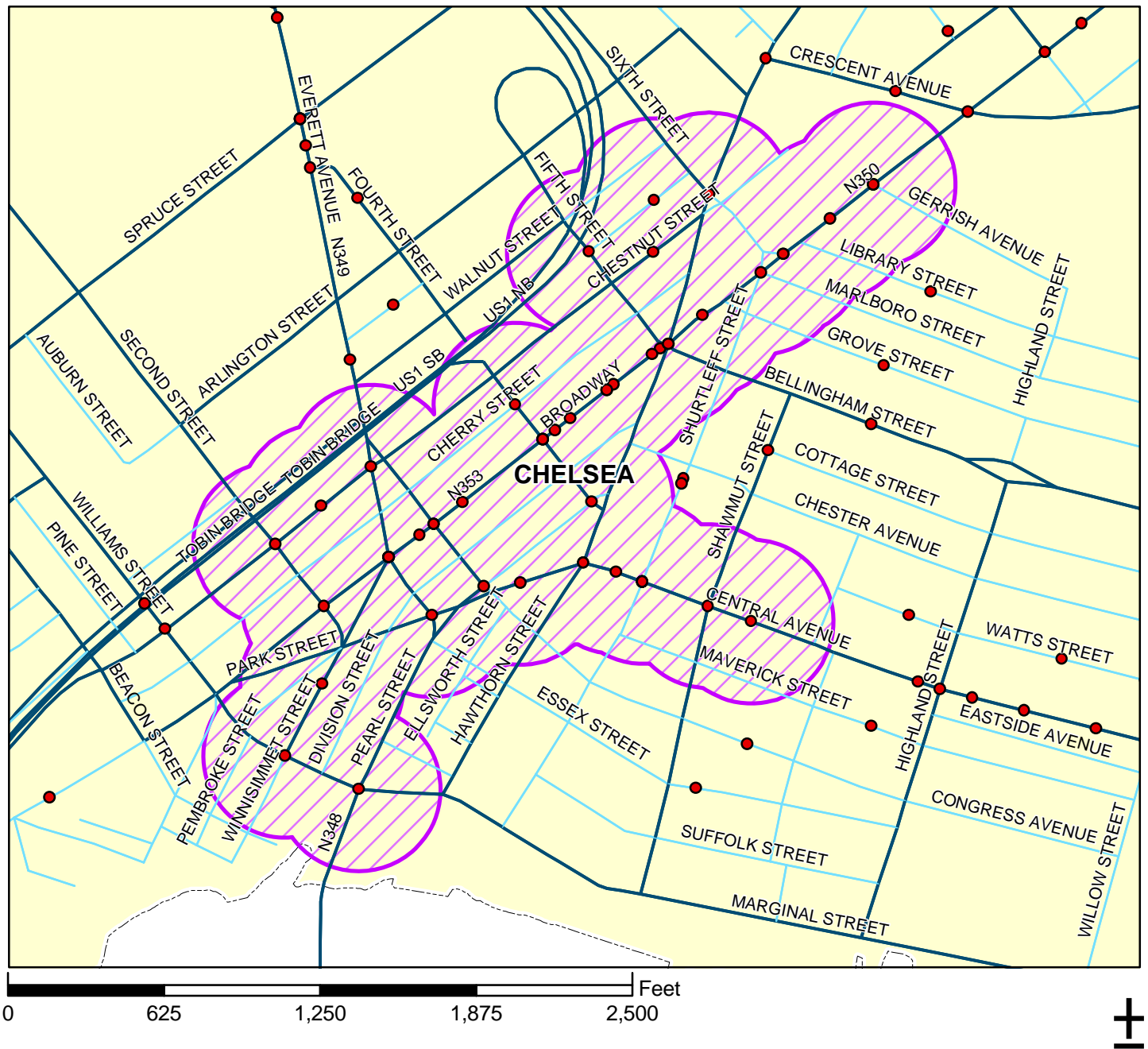
Local Roads

All Functional Classification Except Local Roads

Top Bicycle Crash Cluster

Municipal Boundary

Top Pedestrian Crash Cluster 2002-2006



RANK

1

CHELSEA

RPA MAPC

EPDO 235

Number of Fatal Pedestrian Crashes 1

Number of Injury Pedestrian Crashes 42

Number of Non-Injury Pedestrian Crashes 15

Total Pedestrian Crashes 58

Legend

● Pedestrian Crash Locations 2002-2006

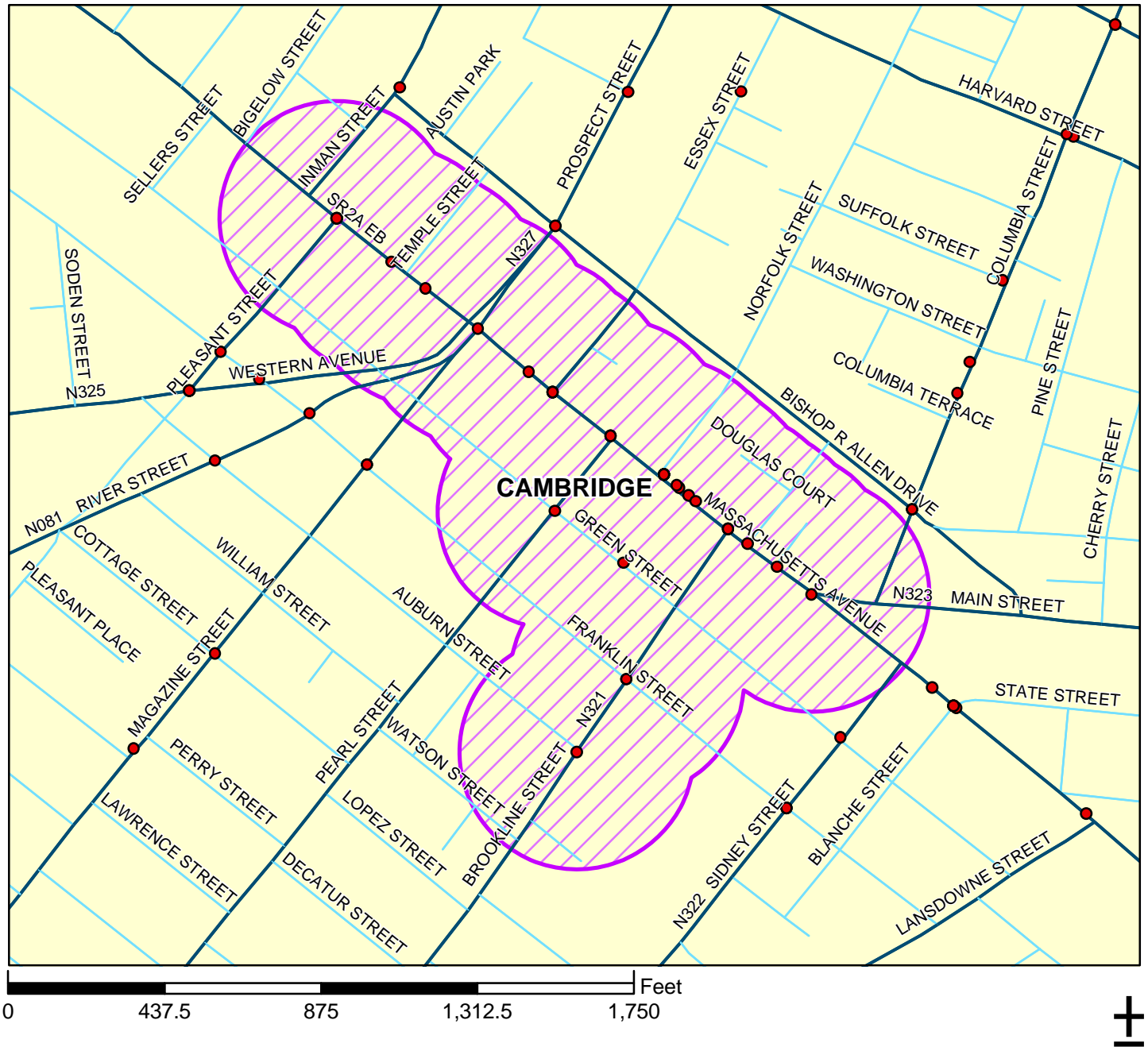
Local Roads

All Functional Classification Except Local Roads

Top Pedestrian Crash Cluster

Municipal Boundary

Top Pedestrian Crash Cluster 2002-2006



RANK
2

CAMBRIDGE

RPA MAPC

EPDO 113

Number of Fatal Pedestrian Crashes 0

Number of Injury Pedestrian Crashes 19

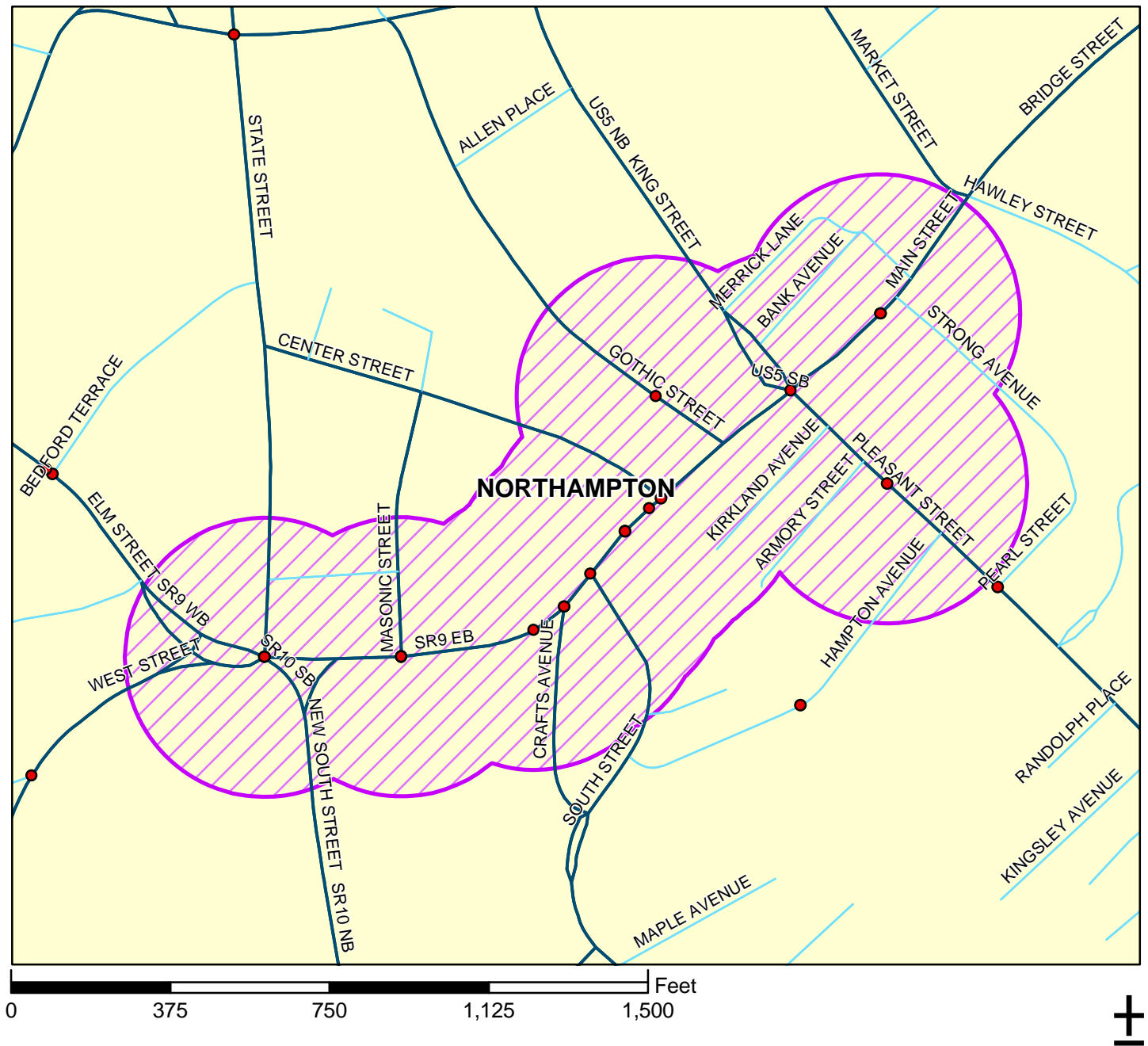
Number of Non-Injury Pedestrian Crashes 18

Total Pedestrian Crashes 37

Legend

- Pedestrian Crash Locations 2002-2006
- Local Roads
- All Functional Classification Except Local Roads
- ▨ Top Pedestrian Crash Cluster
- Municipal Boundary

Top Pedestrian Crash Cluster 2002-2006



RANK
3

NORTHAMPTON

RPA PVPC

EPDO 105

Number of Fatal Pedestrian Crashes 1

Number of Injury Pedestrian Crashes 19

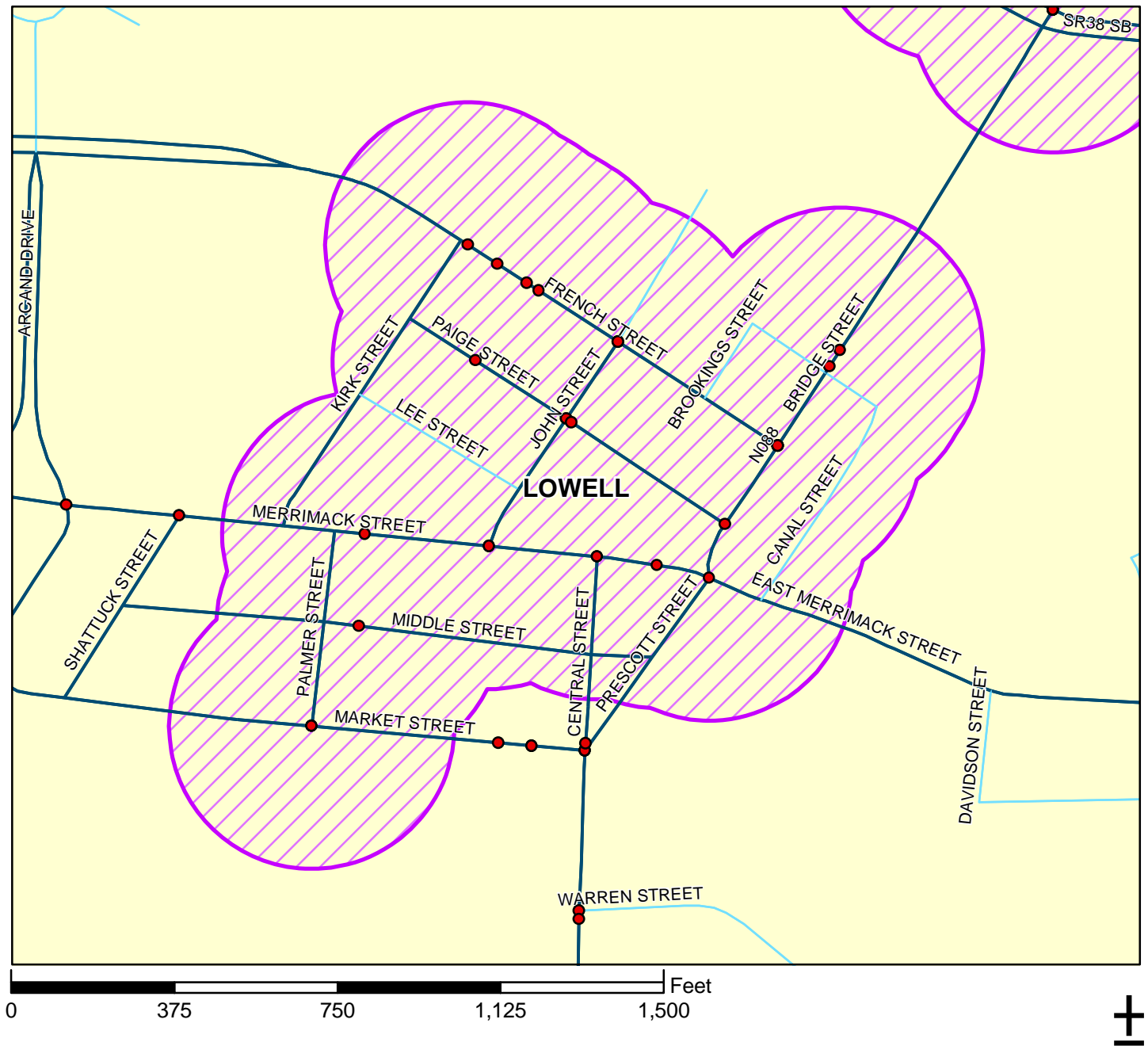
Number of Non-Injury Pedestrian Crashes 0

Total Pedestrian Crashes 20

Legend

- Pedestrian Crash Locations 2002-2006
- Local Roads
- All Functional Classification Except Local Roads
- Top Pedestrian Crash Cluster
- Municipal Boundary

Top Pedestrian Crash Cluster 2002-2006



RANK
4

LOWELL

RPA NMCOG

EPDO 104

Number of Fatal Pedestrian Crashes 0

Number of Injury Pedestrian Crashes 19

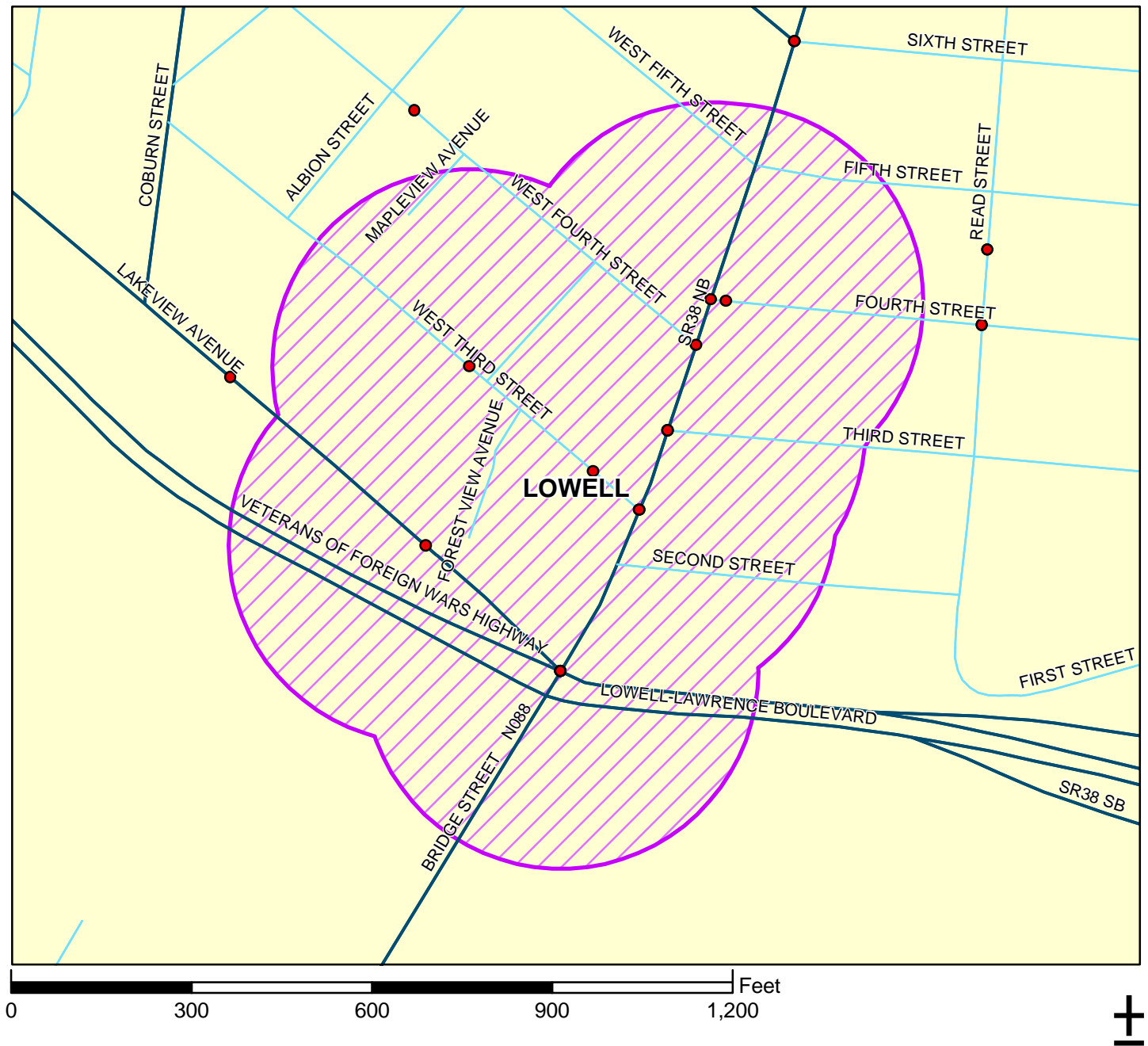
Number of Non-Injury Pedestrian Crashes 9

Total Pedestrian Crashes 28

Legend

- Pedestrian Crash Locations 2002-2006
- Local Roads
- All Functional Classification Except Local Roads
- Top Pedestrian Crash Cluster
- Municipal Boundary

Top Pedestrian Crash Cluster 2002-2006



RANK
5

LOWELL

RPA NMCOG

EPDO 93

Number of Fatal Pedestrian Crashes 2

Number of Injury Pedestrian Crashes 14

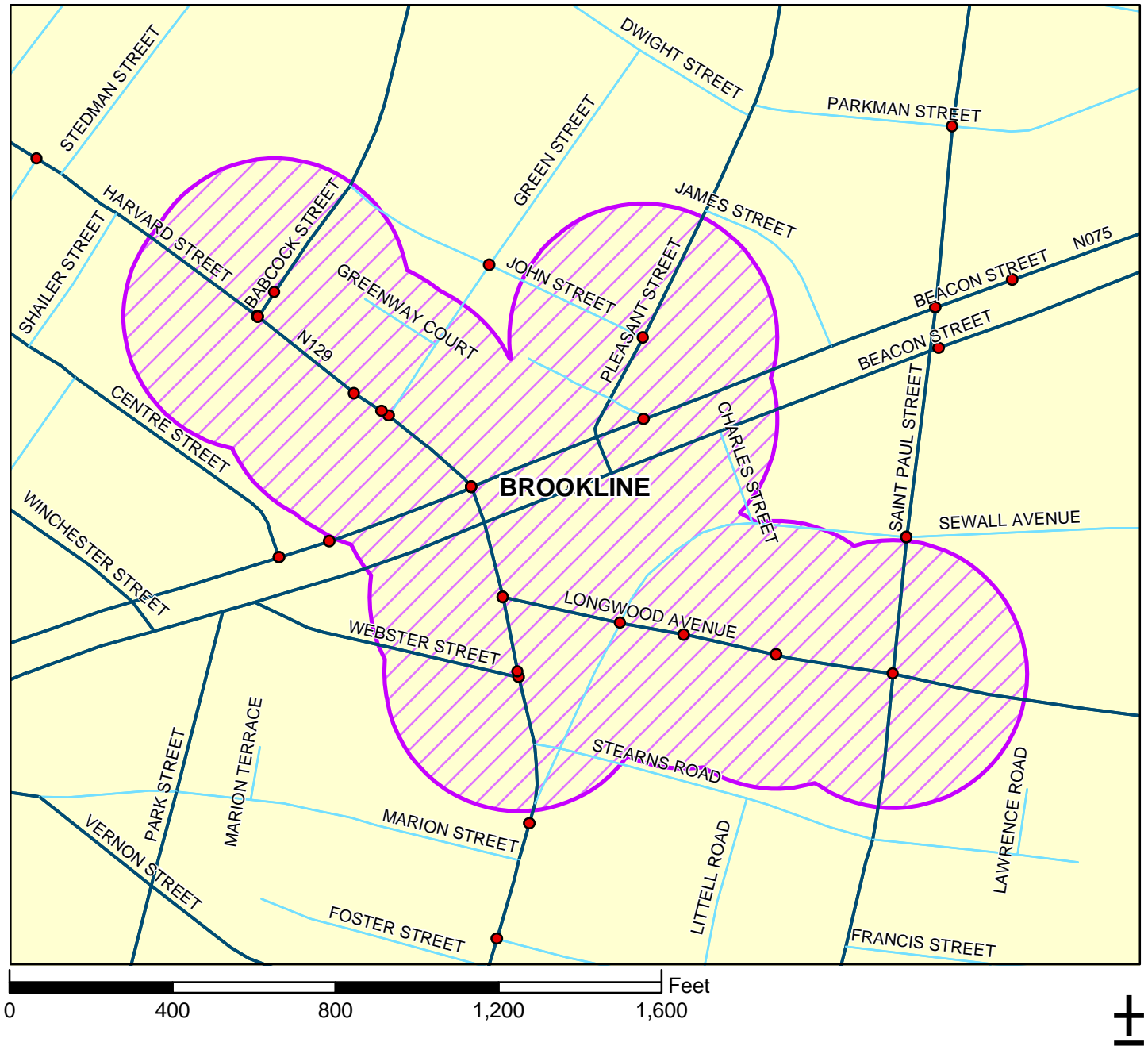
Number of Non-Injury Pedestrian Crashes 3

Total Pedestrian Crashes 19

Legend

- Pedestrian Crash Locations 2002-2006
- Local Roads
- All Functional Classification Except Local Roads
- Top Pedestrian Crash Cluster
- Municipal Boundary

Top Pedestrian Crash Cluster 2002-2006



RANK
6

BROOKLINE

RPA MAPC

EPDO 75

Number of Fatal Pedestrian Crashes 0

Number of Injury Pedestrian Crashes 13

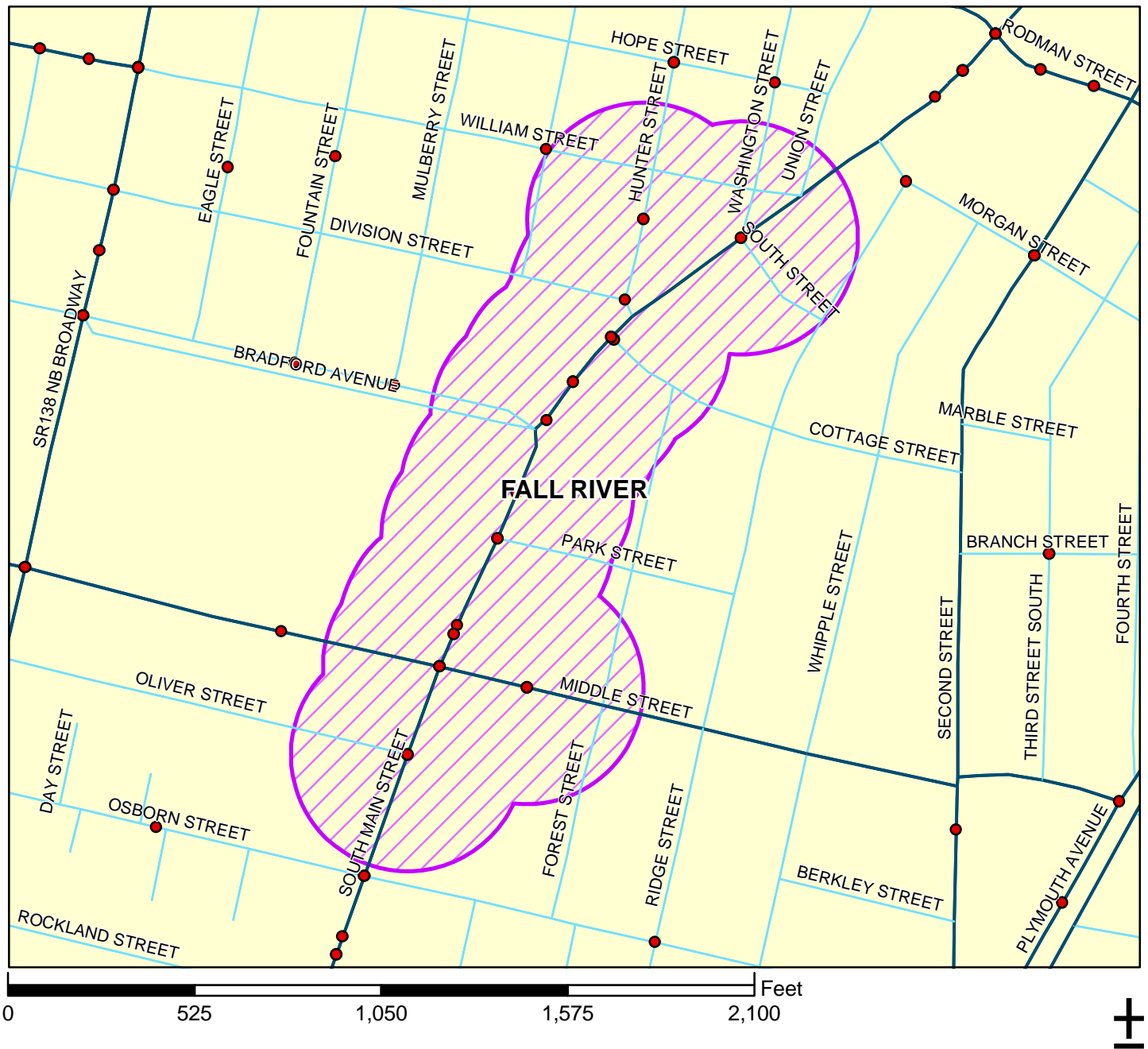
Number of Non-Injury Pedestrian Crashes 10

Total Pedestrian Crashes 23

Legend

- Pedestrian Crash Locations 2002-2006
- Local Roads
- All Functional Classification Except Local Roads
- Top Pedestrian Crash Cluster
- Municipal Boundary

Top Pedestrian Crash Cluster 2002-2006



RANK
7

FALL RIVER

RPA SRPEDD

EPDO 71

Number of Fatal Pedestrian Crashes 0

Number of Injury Pedestrian Crashes 13

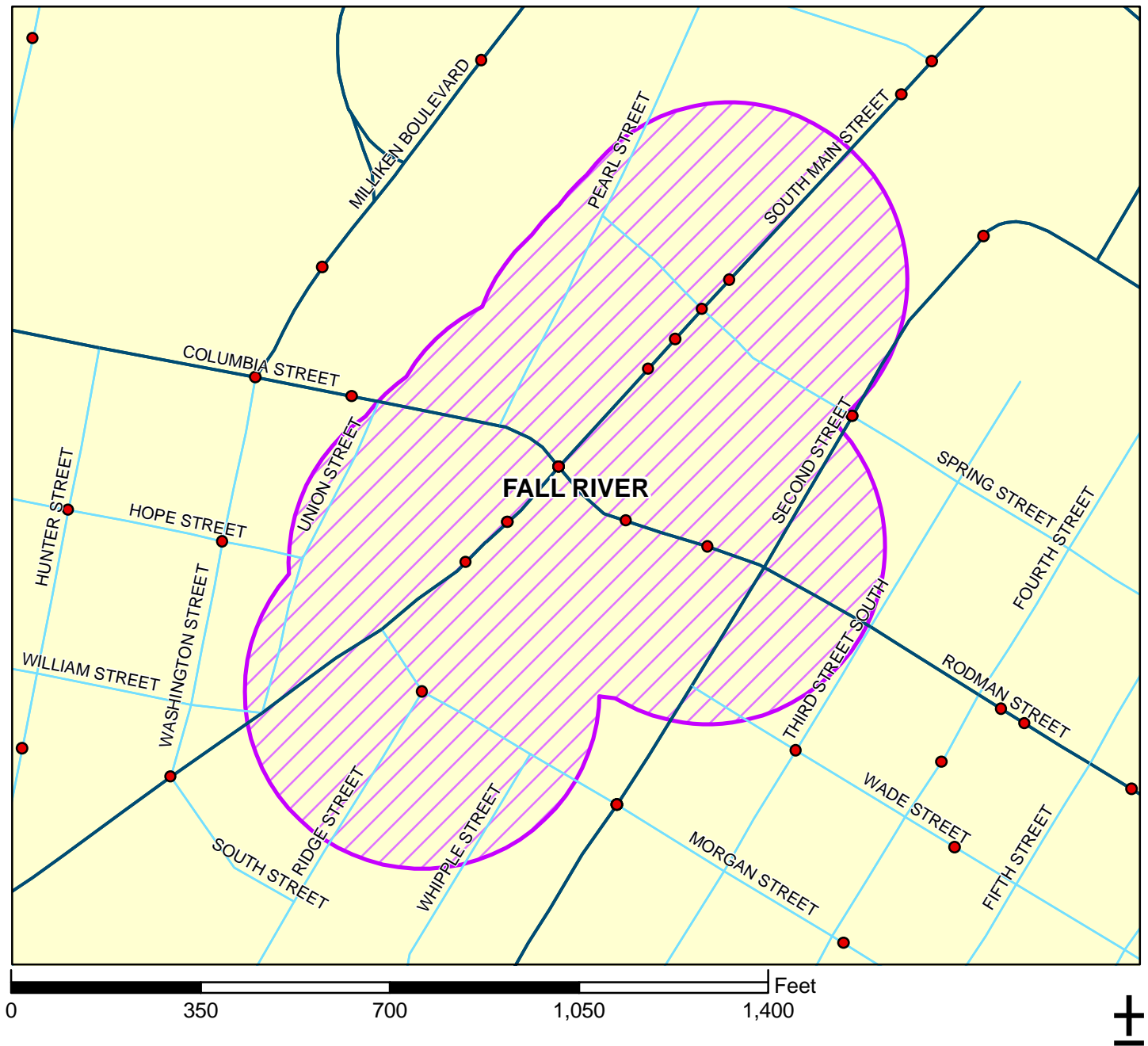
Number of Non-Injury Pedestrian Crashes 6

Total Pedestrian Crashes 19

Legend

- Pedestrian Crash Locations 2002-2006
- Local Roads
- All Functional Classification Except Local Roads
- Top Pedestrian Crash Cluster
- Municipal Boundary

Top Pedestrian Crash Cluster 2002-2006



RANK
8

FALL RIVER

RPA SRPEDD

EPDO 70

Number of Fatal Pedestrian Crashes 0

Number of Injury Pedestrian Crashes 14

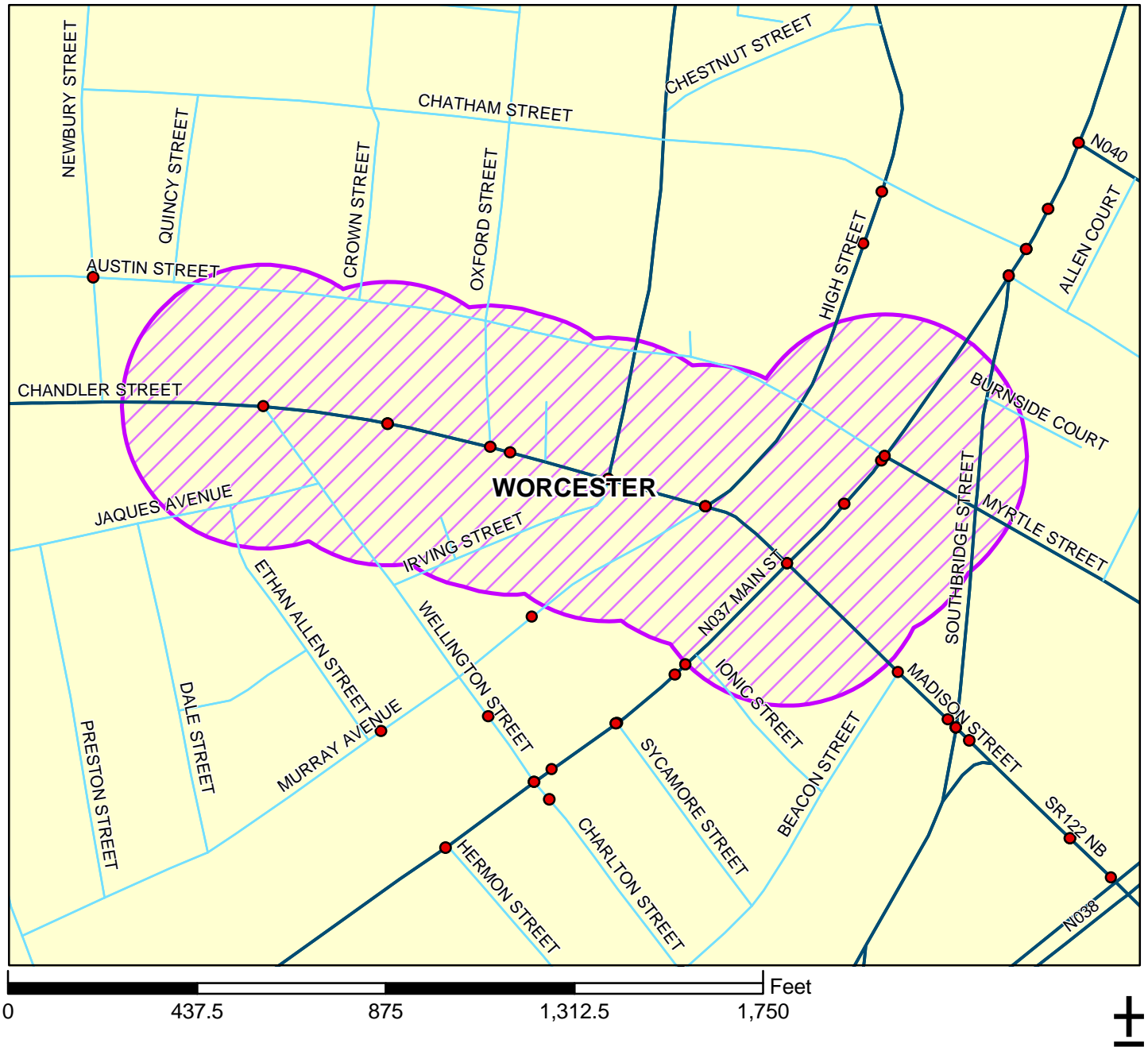
Number of Non-Injury Pedestrian Crashes 0

Total Pedestrian Crashes 14

Legend

- Pedestrian Crash Locations 2002-2006
- Local Roads
- All Functional Classification Except Local Roads
- Top Pedestrian Crash Cluster
- Municipal Boundary

Top Pedestrian Crash Cluster 2002-2006



RANK
9

WORCESTER

RPA CMRPC

EPDO 68

Number of Fatal Pedestrian Crashes 0

Number of Injury Pedestrian Crashes 13

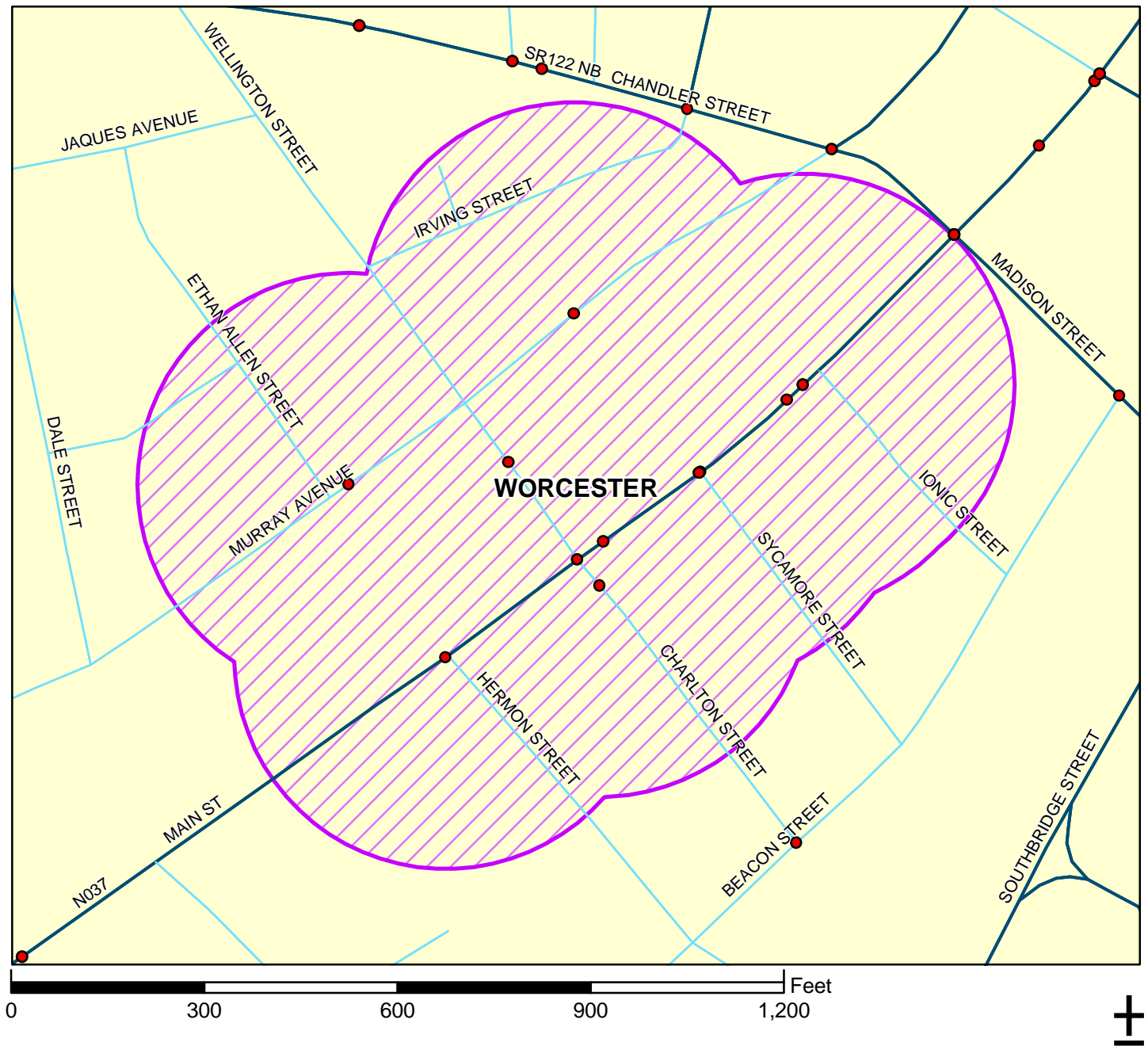
Number of Non-Injury Pedestrian Crashes 3

Total Pedestrian Crashes 16

Legend

- Pedestrian Crash Locations 2002-2006
- Local Roads
- All Functional Classification Except Local Roads
- Top Pedestrian Crash Cluster
- Municipal Boundary

Top Pedestrian Crash Cluster 2002-2006



RANK
10

WORCESTER

RPA CMRPC

EPDO 62

Number of Fatal Pedestrian Crashes 0

Number of Injury Pedestrian Crashes 12

Number of Non-Injury Pedestrian Crashes 2

Total Pedestrian Crashes 14

Legend

- Pedestrian Crash Locations 2002-2006
- Local Roads
- All Functional Classification Except Local Roads
- ▨ Top Pedestrian Crash Cluster
- Municipal Boundary

2002-2006 STATEWIDE TOP 10 PEDESTRIAN CRASH LIST

Rank	Town	RPA	MHD District	Total Pedestrian Crashes	EPDO Pedestrian Crashes	Fatal Pedestrian Crashes	Injury Pedestrian Crashes	PDO & Non Reported Pedestrian Crashes
1	CHELSEA	MAPC	4	58	235	1	42	15
2	CAMBRIDGE	MAPC	4	37	113	0	19	18
3	NORTHAMPTON	PVPC	2	20	105	1	19	0
4	LOWELL	NMCOG	4	28	104	0	19	9
5	LOWELL	NMCOG	4	19	93	2	14	3
6	BROOKLINE	MAPC	2	23	75	0	13	10
7	FALL RIVER	SRPEDD	5	19	71	0	13	6
8	FALL RIVER	SRPEDD	5	14	70	0	14	0
9	WORCESTER	CMRPC	3	16	68	0	13	3
10	WORCESTER	CMRPC	3	14	62	0	12	2

2002-2006 STATEWIDE TOP 10 BICYCLE CRASH LIST

Rank	Town	RPA	MHD District	Total Bicycle Crashes	EPDO Bicycle Crashes	Fatal Bicycle Crashes	Injury Bicycle Crashes	PDO & Non Reported Bicycle Crashes
1	CAMBRIDGE	MAPC	4	36	137	1	23	12
2	CAMBRIDGE	MAPC	4	24	92	0	17	7
3	CAMBRIDGE	MAPC	4	12	52	0	10	2
4	CAMBRIDGE	MAPC	4	12	48	0	9	3
5	CAMBRIDGE	MAPC	4	11	43	0	8	3
6	SOMERVILLE	MAPC	4	9	41	0	8	1
6	NORTHAMPTON	PVPC	2	9	41	0	8	1
8	CAMBRIDGE	MAPC	4	16	40	0	6	10
8	CAMBRIDGE	MAPC	4	12	40	0	7	5
10	CAMBRIDGE	MAPC	4	9	37	0	7	2