

Crime and Hike and Bike Trails

Our search for crime data in this particular problem was conducted by examining all crimes that took place within a 75 foot buffer. The data from this search shows that in a five year period from 2008 through 2012, there were 7,765 incidents that took place in approximately 554 Austin park facility areas.

In a three month window (June, July, and August) over a five year period, the city averaged 465 incidents per three month period, per year near Austin Parks. 2011 and 2012 were the two lowest years, with 382 and 441 incidents respectively for 2011 and 2012

YEAR	2008	2009	2010	2011	2012	TOTAL
# OF EVENTS	508	496	502	382	441	2329

Violent Crime Annual Totals

Violent Crimes that took place at or within 75 feet of a park or park land

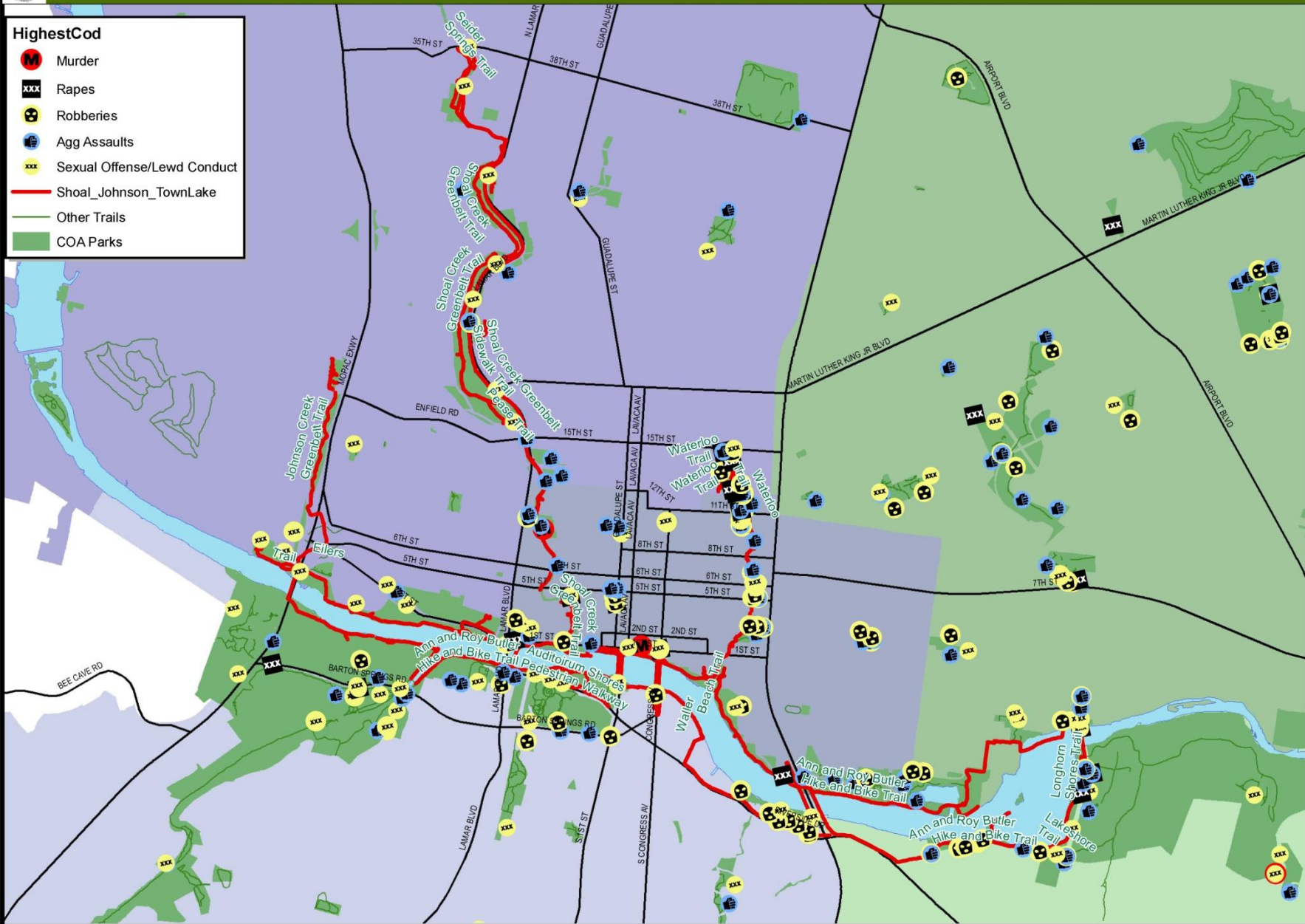
Violent Crime	2008	2009	2010	2011	2012	Grand Total
Murder		1	1		4	6
Rape/Sexual	17	30	18	18	17	100
Robbery	51	55	26	42	35	209
Agg Assaults	55	50	53	34	61	253
Sexual Assaults						
MISC Sex Offenses	28	27	38	38	47	178
Grand Total	151	163	136	132	164	746



5 Years worth of Violent Crimes and Sexual Offenses within 75 of a Park

HighestCod

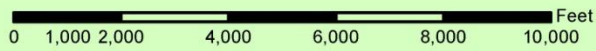
- Murder
- Rapes
- Robberies
- Agg Assaults
- Sexual Offense/Lewd Conduct
- Shoal_Johnson_TownLake
- Other Trails
- COA Parks



This map was produced by the Crime Analysis Unit of the Austin Police Department for the sole purpose of the geographic mapping of crime. No warranty is



Austin Police Department
Crime Analysis Unit



Hike and Bike Trail Violent Crimes snapshot past 3 years

July 24, 2012 - the body of William Greer was located on the Lady Bird Lake hike and bike trail. Greer had been beaten to death, most likely while he was asleep in his sleeping bag. The murder is unsolved.

July 1, 2011 - female walking home at 3:45AM was attacked/groped in the 4300 Blk. of S. Congress. DNA linked suspect to the attack. We later determined that she walked past the hike-and bike-trail.

July 8, 2011 - suspect was believed responsible for 4 attacks on or near the Lady Bird Lake Hike and Bike trail. At about 5:30AM, suspect attacked a female jogger on South Congress and attempted to pull her into an alley. A short time later, suspect attacked a woman jogging at S. 1st and Barton Springs and attempted to pull her shorts down (DNA linked suspect to both attacks). Later that morning 2 more women were groped by suspect while jogging on the pedestrian bridge for the hike-and-bike trail on IH 35. *Note- at dawn suspect attacks were much more physical (he grabbed the women and attempted to pull their clothes down). As the sun came up and the trail became more populated, his actions were limited to quick groping.*

Sept. 11, 2011 - female was followed at 8:30AM as she jogged off the hike-and-bike trail in East Austin. She was groped and physically assaulted at Comal and Haskell.

Sept 11, 2011 - female jogging at 3:30PM in the 2500 of N. Lamar (next to the Shoal Creek hike and bike trail)

Hike and Bike Trail Violent Crimes snapshot past 3 years cont.

December 5, 2010 - victim was running at Lady Bird Lake at 9PM when she was attacked and raped by a knife wielding male. Delayed report: No suspect identified. 11-0980843

March 23, 2011 - victim was at Lady Bird Lake at near Lakeshore at 1AM and was attacked by unknown male and beaten severely. No suspect identified. 11-0820497

August 31, 2011 - victim was running at Lady Bird Lake at 9PM when she was attacked and raped by a male armed with a pistol. Suspect later located and arrested. 11-2431815

Dec 20, 2011 - female jogger coming off the Shoal Creek hike and bike trail was attacked by a suspect. She resisted, screamed and was punched in the face.

Data Challenges

APD is challenged in its ability to get *accurate timely data* to support similar case studies

The current system for collecting data was not ever set up to provide specific locations for crimes in parks or hike and bike trails

Modifications are needed in Versadex to add fields and searchable boxes as well as an ability to provide geographic locations in the Records Management System

APD lacks dedicated personnel and must therefore conduct these searches using crime analysts who are required to search files manually for information

Additions of a **GIS Analyst**, a **Programmer**, a **Database Analyst/Administrator**, and a Business Systems Analyst would greatly enable the Department to more efficiently use our data, implement a Business Intelligence Tool, and provide more timely and accurate assessments of crime in the city.

Business Systems Analyst	\$81,870 + \$3,500 in setup costs
Programmer Analyst	\$81,870 + \$3,500 in setup costs
Database Administrator	\$100,584 plus \$3,500 in setup costs
GIS Analyst	\$65,392 plus \$3,500 in setup costs

Proposed Costs not including environmental design matters

The following would provide police coverage for three Hike and Bike Trails during the night time hours. The coverage will require 2 shifts of officers to cover a 7 day period.

Option 1 – Creation of permanent Shift for 7 day a week coverage consisting of:

2-	Sergeants	\$153,747 per year per sergeant =	\$307,494 per year	
2-	Corporals	\$140,564 per year per corporal=	\$281,128 per year	
20-	Officers	\$108,066 per year per officer=		<u>\$2,161,320 per year</u>

Total \$2,749,942 per year

Option 2- Coverage for a pilot program using overtime:

2-	Sergeants	\$179,462 per year per sergeant=	\$358,924 per year	
2-	Corporals	\$163,113 per year per sergeant=	\$326,227 per year	
20-	Officers	\$122,137 per year per sergeant=		<u>\$2,442,752 per year</u>

Total \$3,127,904 per year

Questions